

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102621\
 Data File : VU045399.D
 Acq On : 26 Oct 2021 12:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2021
 Supervised By : Mahesh Dadoda 10/27/2021

Quant Time: Oct 26 16:03:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.379	168	180094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	325658	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	303100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	146307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	150499	50.202	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.400%			
35) Dibromofluoromethane	5.295	113	109282	53.195	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.400%			
50) Toluene-d8	7.903	98	424325	52.275	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.560%			
62) 4-Bromofluorobenzene	10.636	95	161510	48.195	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	130271	58.414	ug/l	99
3) Chloromethane	1.520	50	153646	53.189	ug/l	99
4) Vinyl Chloride	1.604	62	154263	53.483	ug/l	99
5) Bromomethane	1.848	94	63772	56.365	ug/l	99
6) Chloroethane	1.919	64	98577	44.488	ug/l	100
7) Trichlorofluoromethane	2.131	101	189327	49.704	ug/l	100
8) Diethyl Ether	2.379	74	87473	50.109	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.578	101	114209	52.722	ug/l	99
10) Methyl Iodide	2.723	142	150543	65.111	ug/l	95
11) Tert butyl alcohol	3.253	59	159791m	185.715	ug/l	
12) 1,1-Dichloroethene	2.578	96	109414	51.242	ug/l	95
13) Acrolein	2.488	56	43202	257.427	ug/l	99
14) Allyl chloride	2.925	41	206198	52.182	ug/l	97
15) Acrylonitrile	3.318	53	395755	228.069	ug/l	99
16) Acetone	2.633	43	501366	281.747	ug/l	99
17) Carbon Disulfide	2.793	76	315274	50.019	ug/l	100
18) Methyl Acetate	2.951	43	257776	49.564	ug/l	97
19) Methyl tert-butyl Ether	3.366	73	427407	51.854	ug/l	99
20) Methylene Chloride	3.047	84	134333	50.119	ug/l	94
21) trans-1,2-Dichloroethene	3.356	96	120804	51.719	ug/l	94
22) Diisopropyl ether	3.996	45	420064	52.068	ug/l	97
23) Vinyl Acetate	3.961	43	1630676	248.526	ug/l	98
24) 1,1-Dichloroethane	3.874	63	239580	51.731	ug/l	100
25) 2-Butanone	4.707	43	596171	235.805	ug/l	97
26) 2,2-Dichloropropane	4.668	77	206764	52.806	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	141418	51.262	ug/l	99
28) Bromochloromethane	4.977	49	104531	54.456	ug/l	94
29) Tetrahydrofuran	5.054	42	327767	217.785	ug/l	95
30) Chloroform	5.092	83	235801	50.516	ug/l	99
31) Cyclohexane	5.391	56	227031	49.855	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	195868	50.856	ug/l	98
36) 1,1-Dichloropropene	5.530	75	175560	51.550	ug/l	99
37) Ethyl Acetate	4.806	43	199680	44.314	ug/l	97
38) Carbon Tetrachloride	5.530	117	156975	53.267	ug/l	100
39) Methylcyclohexane	6.764	83	226170	54.097	ug/l	97
40) Benzene	5.777	78	524744	51.734	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	110166	47.491	ug/l	98
42) 1,2-Dichloroethane	5.800	62	195821	49.119	ug/l	100
43) Isopropyl Acetate	5.916	43	318920	47.045	ug/l	97
44) Trichloroethene	6.546	130	122675	51.297	ug/l	99
45) 1,2-Dichloropropane	6.793	63	138960	51.674	ug/l	98
46) Dibromomethane	6.922	93	94080	51.933	ug/l	99
47) Bromodichloromethane	7.108	83	183788	52.251	ug/l	99
48) Methyl methacrylate	6.964	41	152849	46.322	ug/l	96
49) 1,4-Dioxane	6.989	88	72908	862.381	ug/l	96
51) 4-Methyl-2-Pentanone	7.796	43	1023568	207.400	ug/l	97
52) Toluene	7.973	92	327090	51.524	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	214814	53.405	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	226414	54.040	ug/l	96
55) 1,1,2-Trichloroethane	8.404	97	132360	50.040	ug/l	98
56) Ethyl methacrylate	8.337	69	223742	43.798	ug/l	95
57) 1,3-Dichloropropane	8.578	76	233785	49.524	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	371048	228.127	ug/l	97
59) 2-Hexanone	8.690	43	840686	209.181	ug/l	96
60) Dibromochloromethane	8.813	129	128544	46.014	ug/l	100
61) 1,2-Dibromoethane	8.928	107	140048	49.810	ug/l	100
64) Tetrachloroethene	8.555	164	101657	51.387	ug/l	96
65) Chlorobenzene	9.449	112	326120	51.319	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	115536	52.076	ug/l	99
67) Ethyl Benzene	9.575	91	617621	52.817	ug/l	100
68) m/p-Xylenes	9.697	106	471991	103.894	ug/l	99
69) o-Xylene	10.105	106	233170	51.714	ug/l	99
70) Styrene	10.118	104	391865	51.806	ug/l	100
71) Bromoform	10.295	173	94616	44.606	ug/l #	100
73) Isopropylbenzene	10.488	105	600248	55.092	ug/l	99
74) N-amyl acetate	10.324	43	283921	51.754	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.787	83	228284	48.425	ug/l	99
76) 1,2,3-Trichloropropane	10.829	75	196035m	45.937	ug/l	
77) Bromobenzene	10.787	156	138495	52.641	ug/l	100
78) n-propylbenzene	10.909	91	733502	55.245	ug/l	100
79) 2-Chlorotoluene	10.989	91	433345	52.069	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	518987	54.374	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	78499	51.048	ug/l	94
82) 4-Chlorotoluene	11.099	91	502773	53.446	ug/l	100
83) tert-Butylbenzene	11.423	119	500247	53.884	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	517919	54.848	ug/l	100
85) sec-Butylbenzene	11.648	105	655324	54.813	ug/l	100
86) p-Isopropyltoluene	11.796	119	537082	55.846	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	264075	52.414	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	265869	51.585	ug/l	99
89) n-Butylbenzene	12.211	91	509238	57.489	ug/l	99
90) Hexachloroethane	12.478	117	94579	54.460	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	267256	51.891	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	52679	47.359	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	174537	60.810	ug/l	99
94) Hexachlorobutadiene	14.025	225	69242	57.791	ug/l	99
95) Naphthalene	14.089	128	617661	57.217	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	175368	60.838	ug/l	98

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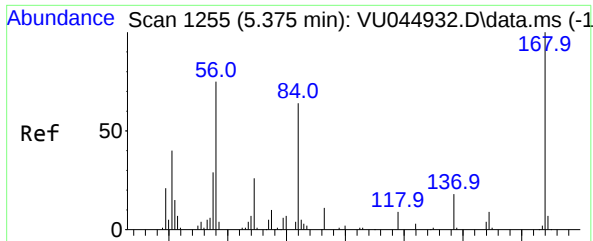
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QLast Update : Tue Sep 28 12:32:13 2021
Response via : Initial Calibration

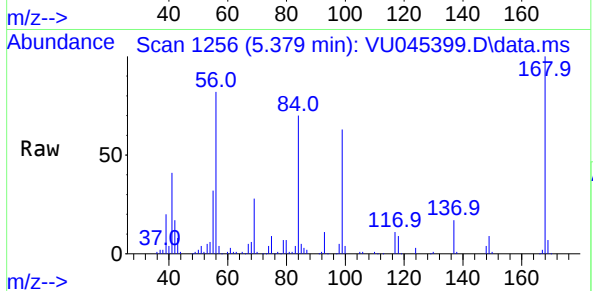
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045399.D
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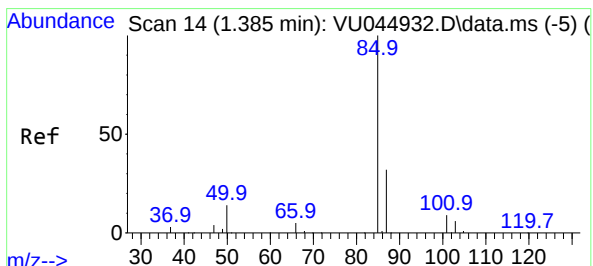
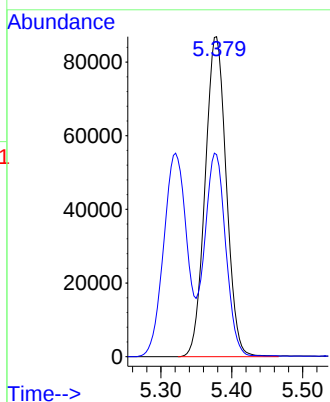
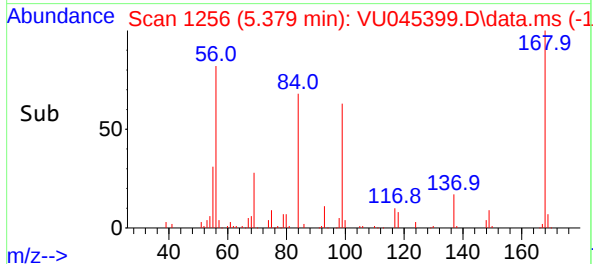
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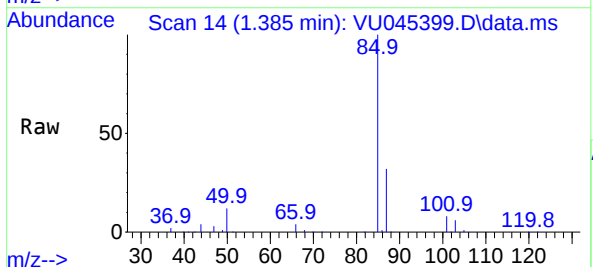
Tgt Ion:168 Resp: 180094
Ion Ratio Lower Upper
168 100
99 62.9 51.4 77.0

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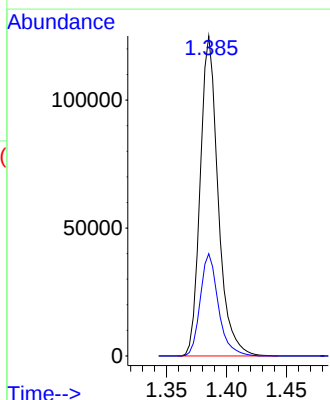
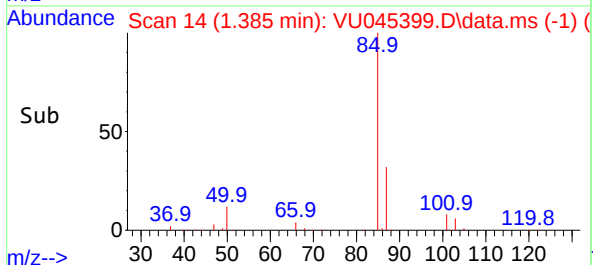
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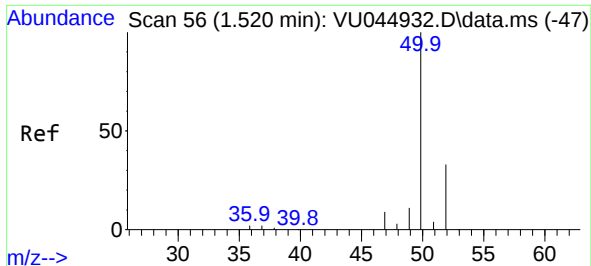


#2
Dichlorodifluoromethane
Concen: 58.414 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57



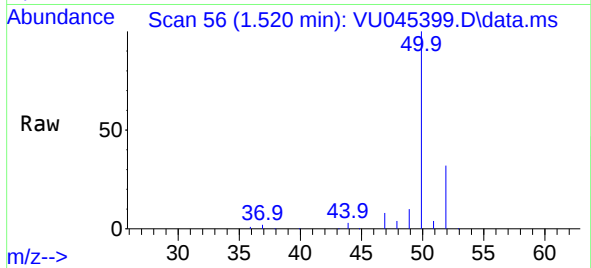
Tgt Ion: 85 Resp: 130271
Ion Ratio Lower Upper
85 100
87 31.9 15.7 47.0





#3
Chloromethane
Concen: 53.189 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

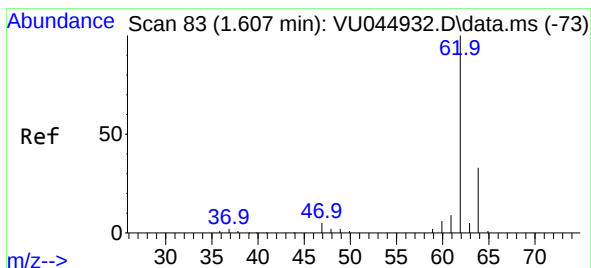
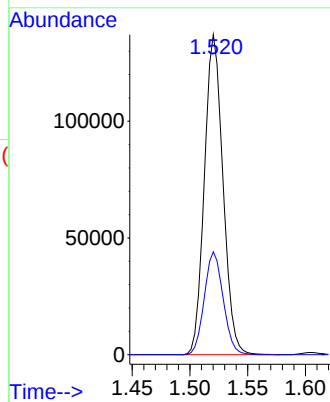
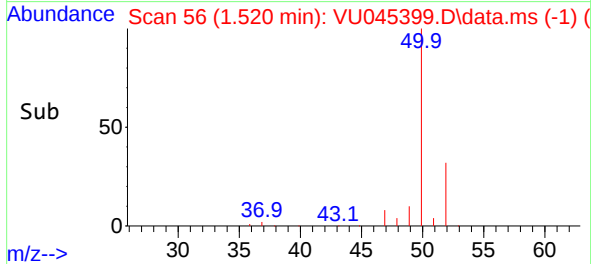
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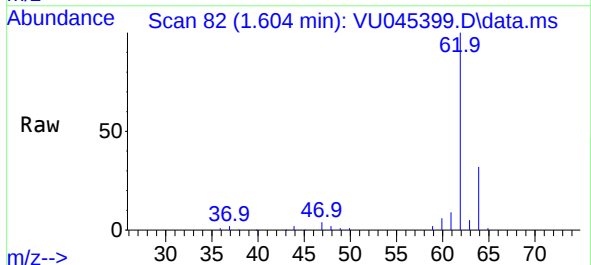
Tgt Ion: 50 Resp: 153640
Ion Ratio Lower Upper
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52 32.1 26.3 39.5

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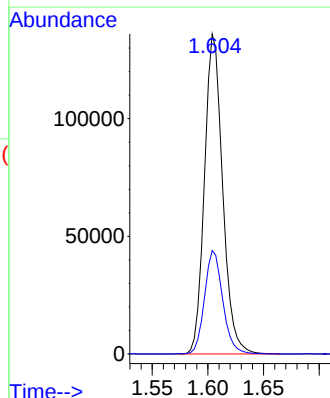
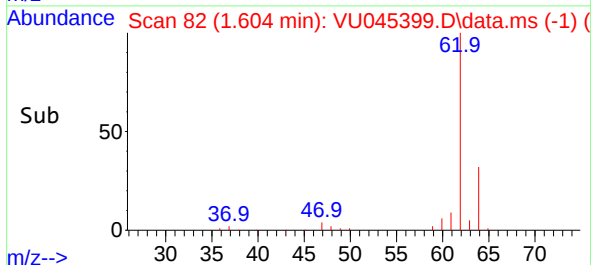
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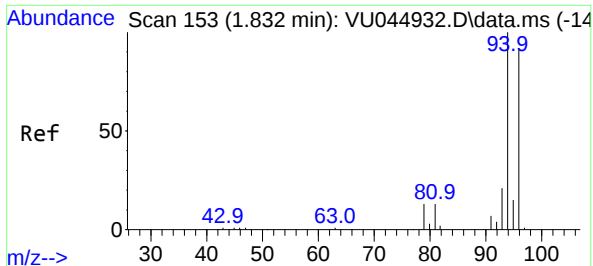


#4
Vinyl Chloride
Concen: 53.483 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57



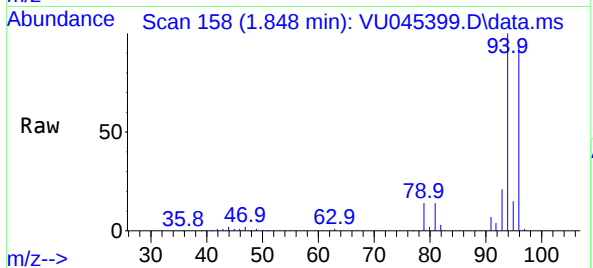
Tgt Ion: 62 Resp: 154263
Ion Ratio Lower Upper
62 100
64 32.3 25.6 38.4





#5
Bromomethane
Concen: 56.365 ug/l
RT: 1.848 min Scan# 11
Delta R.T. 0.016 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

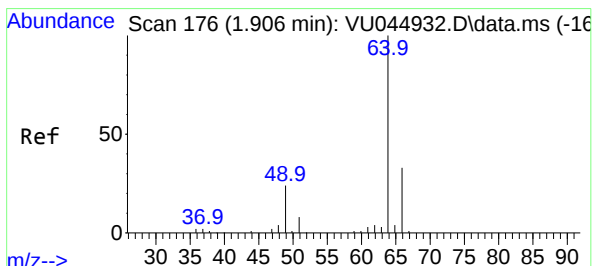
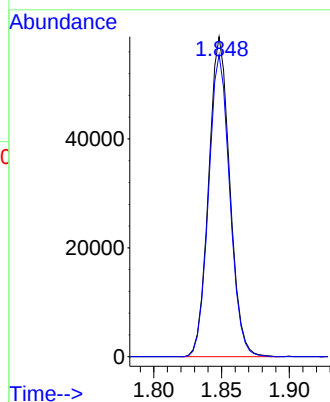
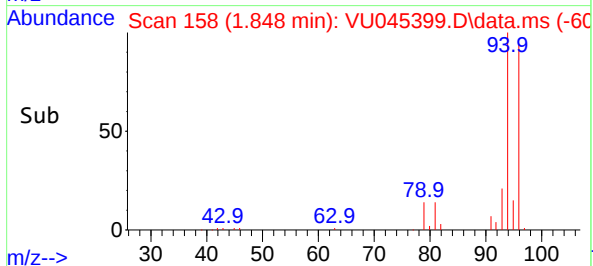
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Tgt Ion: 94 Resp: 63772
Ion Ratio Lower Upper
94 100
96 94.4 74.5 111.7

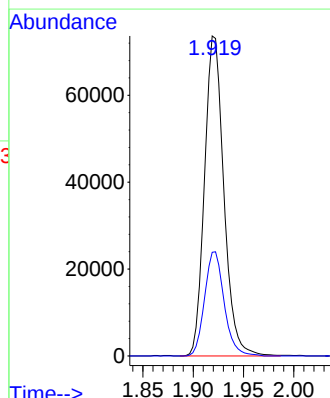
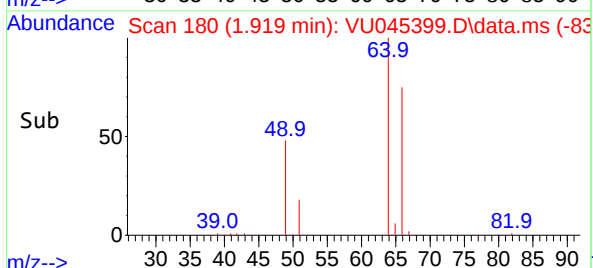
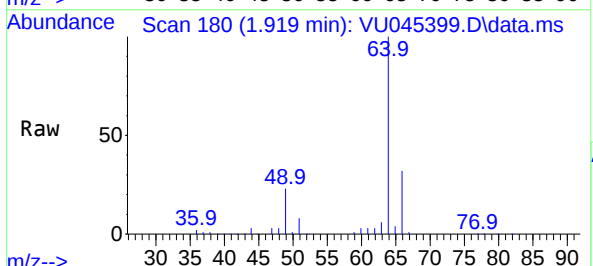
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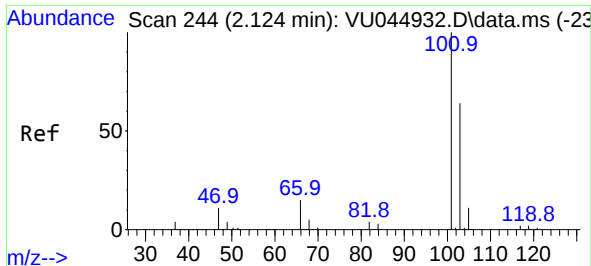
Reviewed By :John Carlone 10/27/2021
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#6
Chloroethane
Concen: 44.488 ug/l
RT: 1.919 min Scan# 180
Delta R.T. 0.013 min
Lab File: VU045399.D
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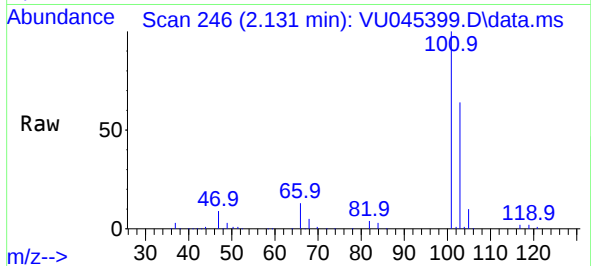
Tgt Ion: 64 Resp: 98577
Ion Ratio Lower Upper
64 100
66 32.4 25.8 38.8





#7
Trichlorofluoromethane
Concen: 49.704 ug/l
RT: 2.131 min Scan# 244
Delta R.T. 0.007 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

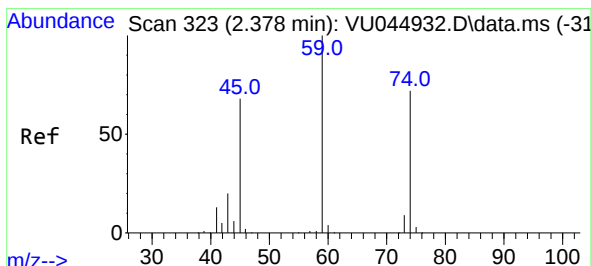
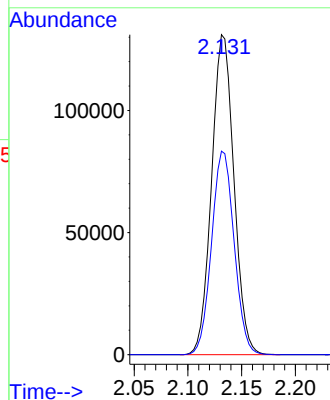
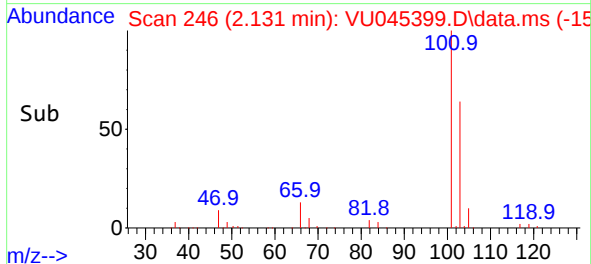
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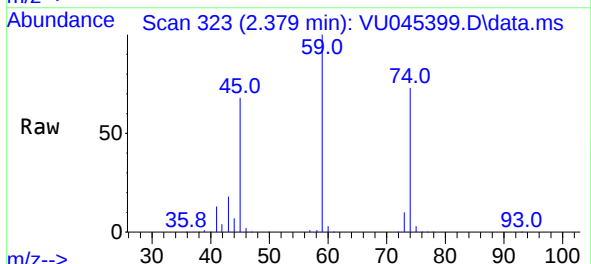
Tgt Ion:101 Resp: 18932
Ion Ratio Lower Upper
101 100
103 63.6 51.2 76.8

Manual Integrations
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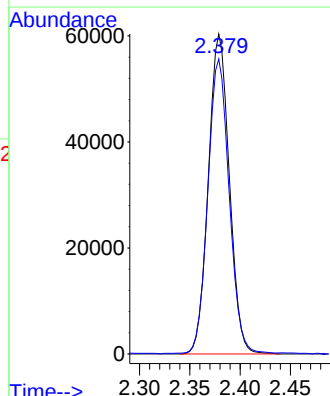
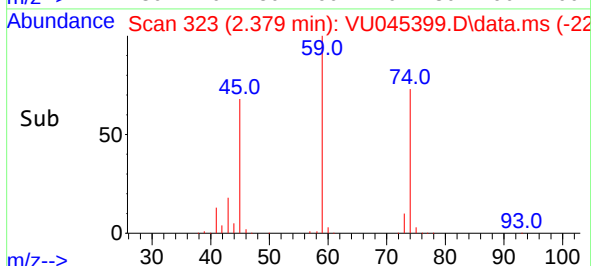
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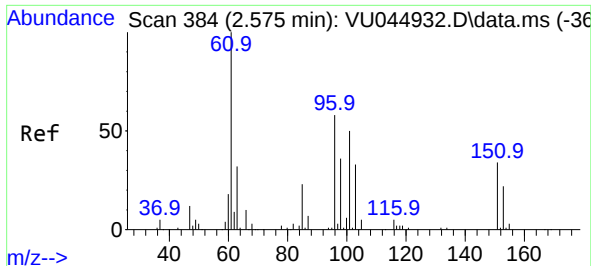


#8
Diethyl Ether
Concen: 50.109 ug/l
RT: 2.379 min Scan# 323
Delta R.T. 0.001 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57



Tgt Ion: 74 Resp: 87473
Ion Ratio Lower Upper
74 100
45 94.2 52.2 156.6





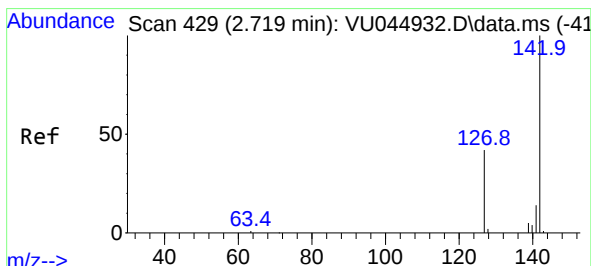
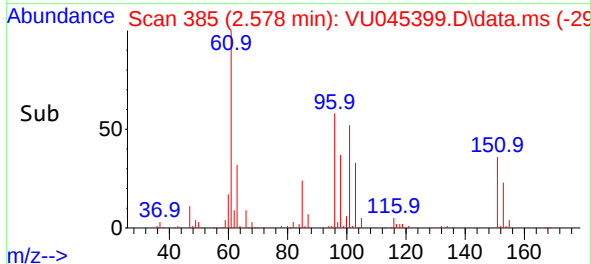
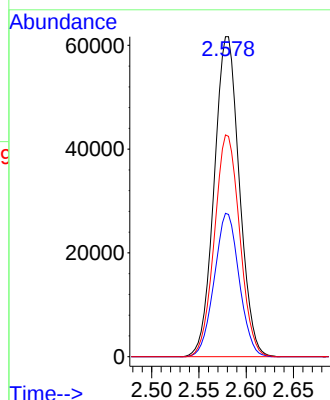
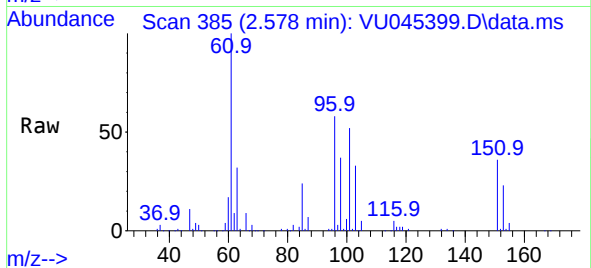
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.722 ug/l
RT: 2.578 min Scan# 384
Delta R.T. 0.003 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 114209
Ion Ratio Lower Upper
101 100
85 44.3 37.2 55.8
151 69.7 55.8 83.8

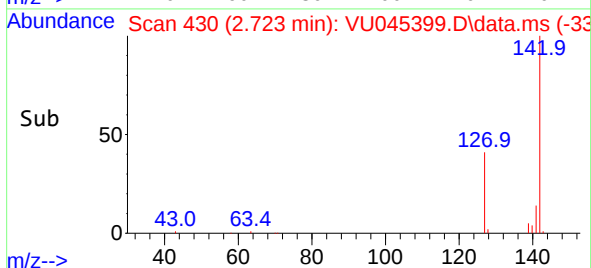
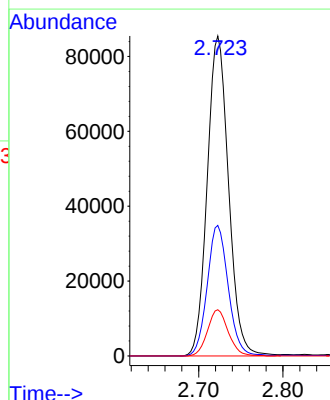
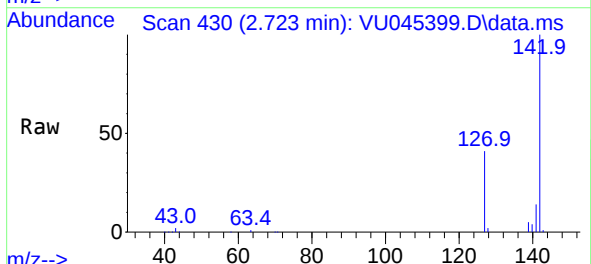
Manual Integrations
APPROVED

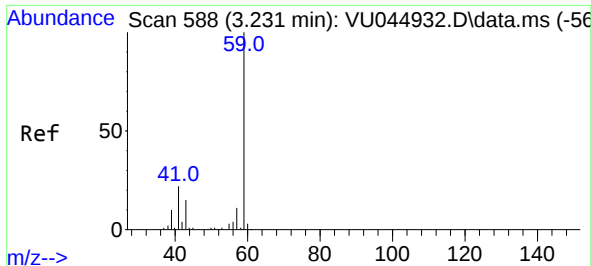
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#10
Methyl Iodide
Concen: 65.111 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.004 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

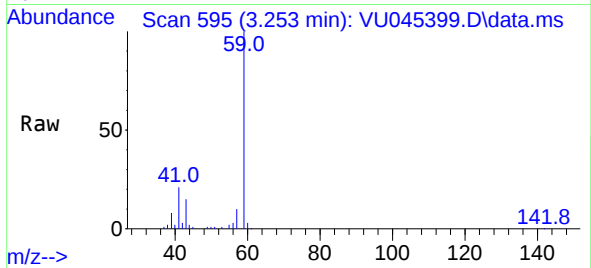
Tgt Ion:142 Resp: 150543
Ion Ratio Lower Upper
142 100
127 40.3 35.6 53.4
141 14.1 11.3 16.9





#11
Tert butyl alcohol
Concen: 185.715 ug/l m
RT: 3.253 min Scan# 59
Delta R.T. 0.022 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

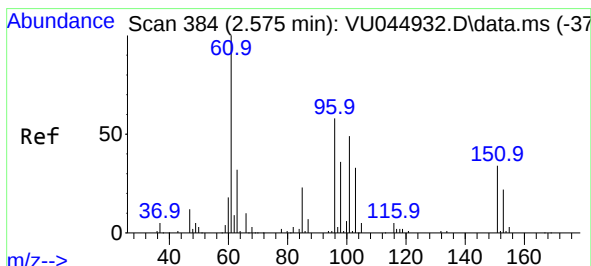
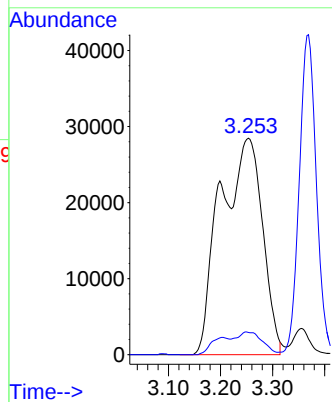
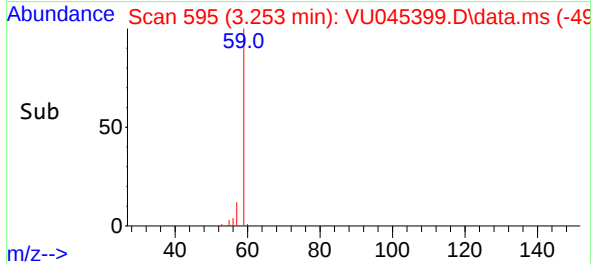
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



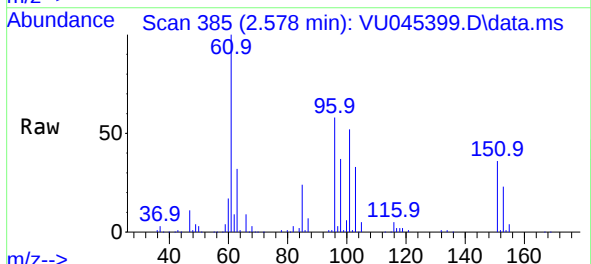
Tgt Ion: 59 Resp: 15979
Ion Ratio Lower Upper
59 100
57 3.5 8.3 12.5

Manual Integrations
APPROVED

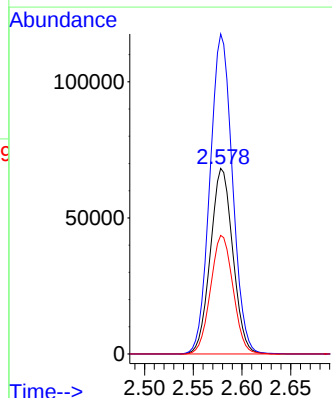
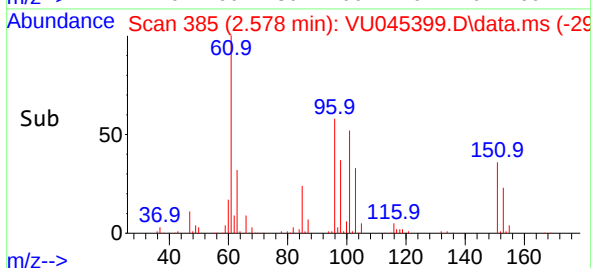
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

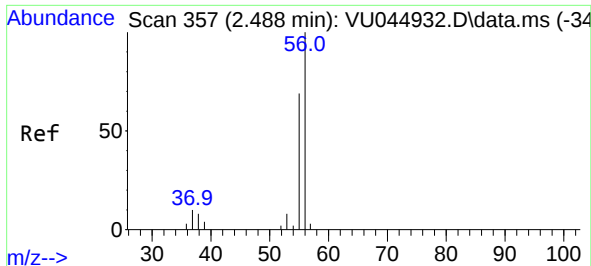


#12
1,1-Dichloroethene
Concen: 51.242 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57



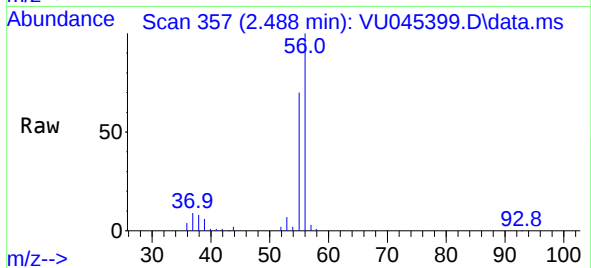
Tgt Ion: 96 Resp: 109414
Ion Ratio Lower Upper
96 100
61 172.5 145.4 218.0
98 63.9 50.9 76.3





#13
Acrolein
Concen: 257.427 ug/l
RT: 2.488 min Scan# 357
Delta R.T. 0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

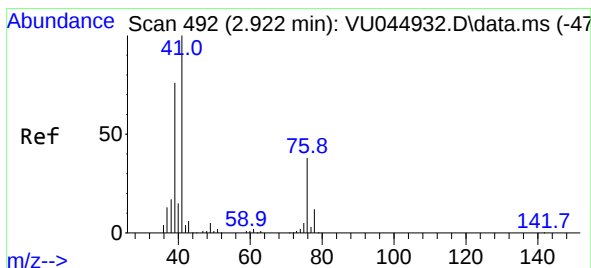
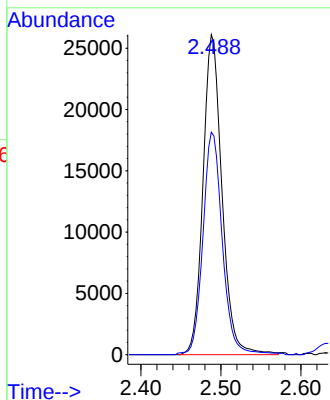
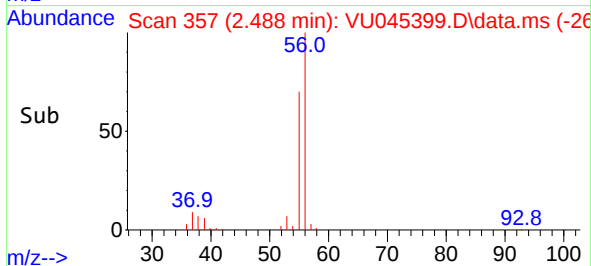
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 4320
Ion Ratio Lower Upper
56 100
55 71.1 57.4 86.0

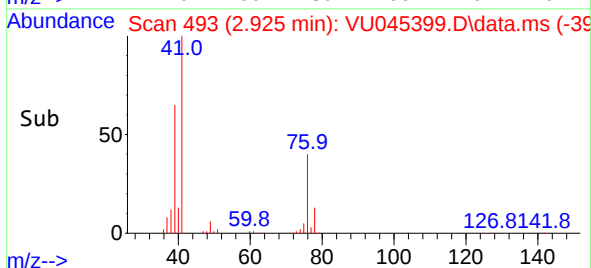
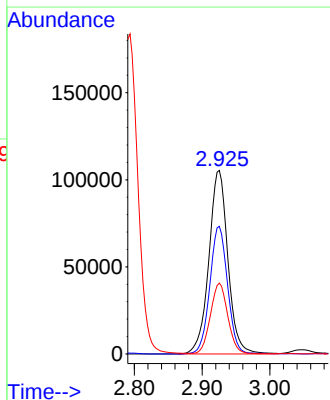
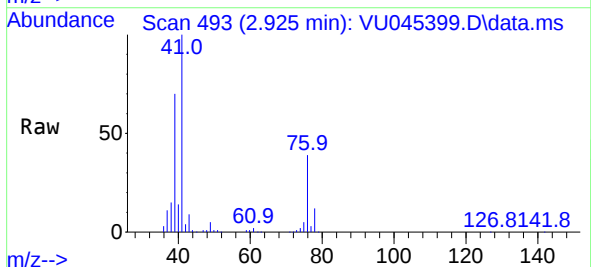
Manual Integrations
APPROVED

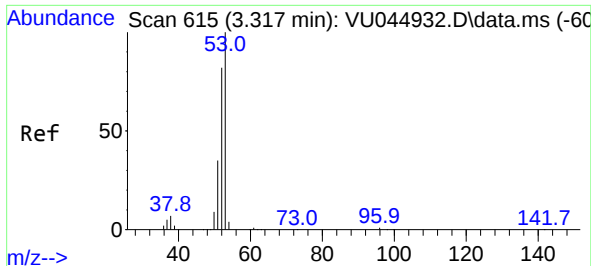
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#14
Allyl chloride
Concen: 52.182 ug/l
RT: 2.925 min Scan# 493
Delta R.T. 0.003 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

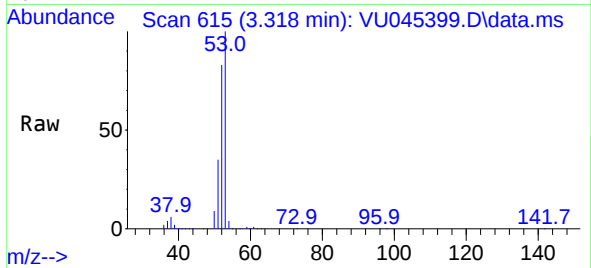
Tgt Ion: 41 Resp: 206198
Ion Ratio Lower Upper
41 100
39 65.0 53.0 79.6
76 34.9 25.7 38.5





#15
Acrylonitrile
Concen: 228.069 ug/l
RT: 3.318 min Scan# 615
Delta R.T. 0.001 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

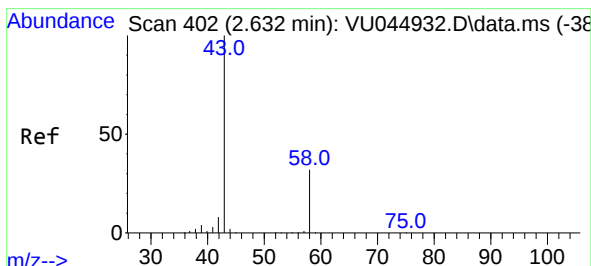
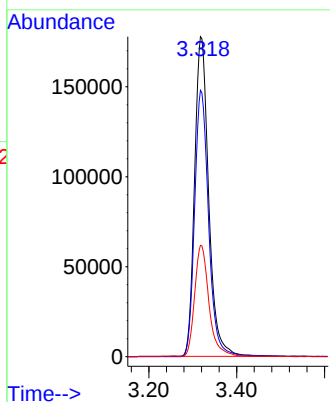
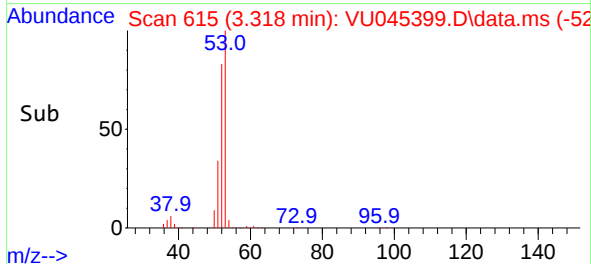
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



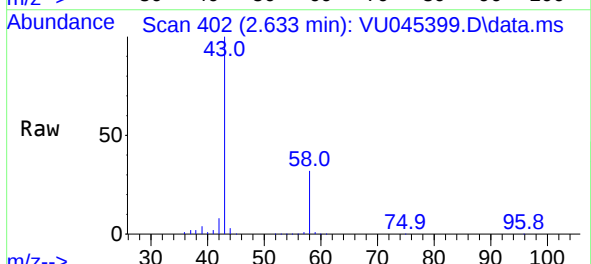
Tgt Ion: 53 Resp: 395758
Ion Ratio Lower Upper
53 100
52 83.1 66.0 99.0
51 35.0 28.6 42.8

Manual Integrations
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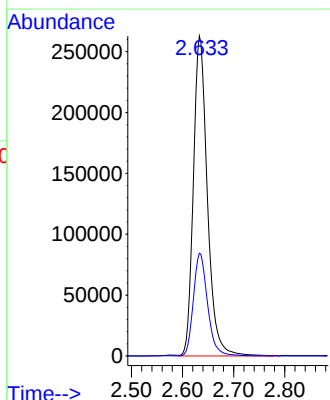
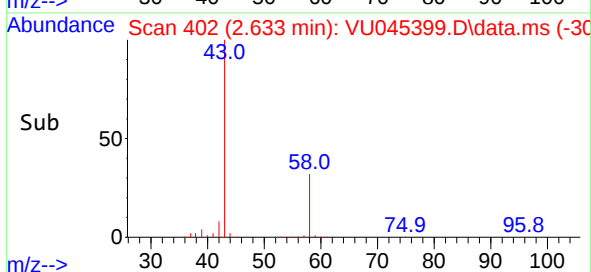
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

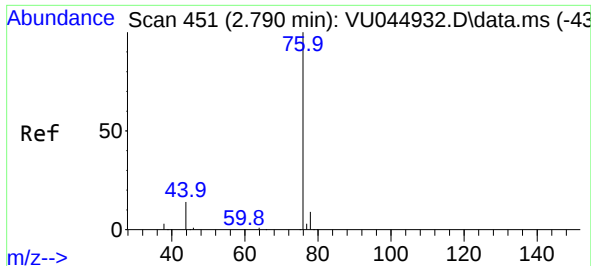


#16
Acetone
Concen: 281.747 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.001 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57



Tgt Ion: 43 Resp: 501366
Ion Ratio Lower Upper
43 100
58 32.0 25.2 37.8





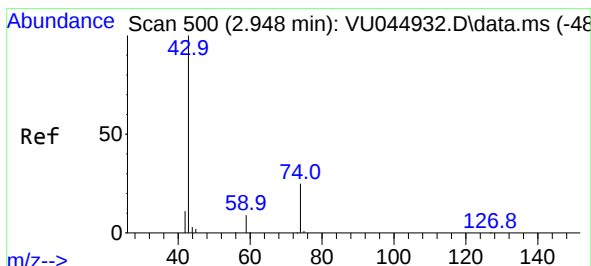
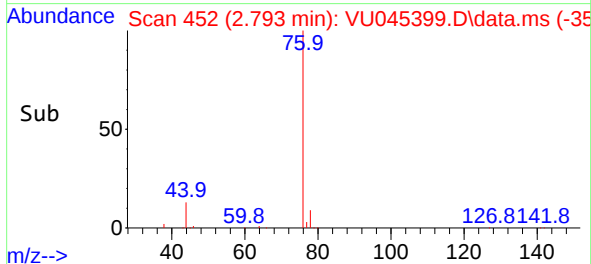
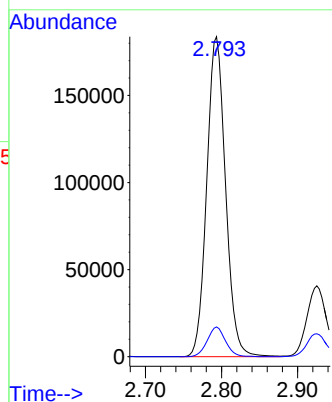
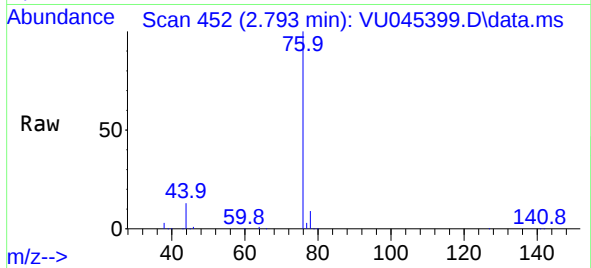
#17
Carbon Disulfide
Concen: 50.019 ug/l
RT: 2.793 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 315274
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

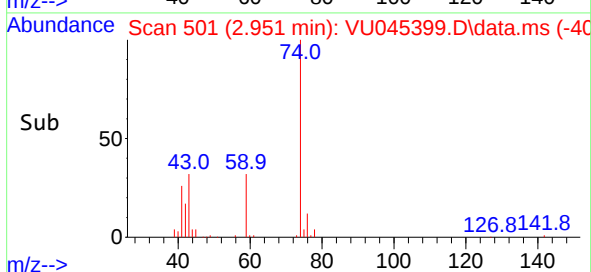
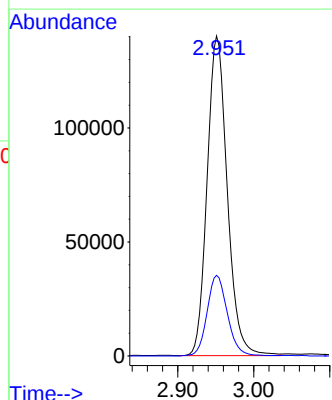
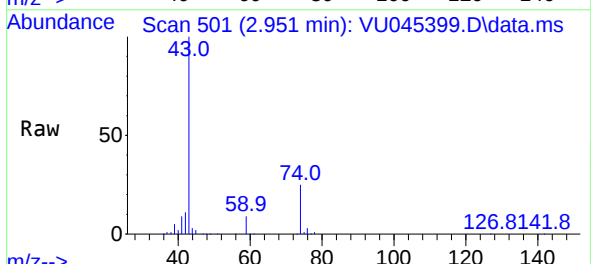
Manual Integrations
APPROVED

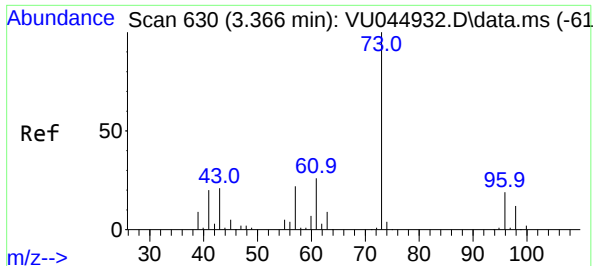
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#18
Methyl Acetate
Concen: 49.564 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

Tgt Ion: 43 Resp: 257776
Ion Ratio Lower Upper
43 100
74 25.4 19.0 28.6





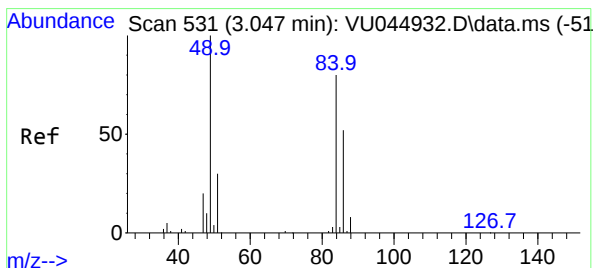
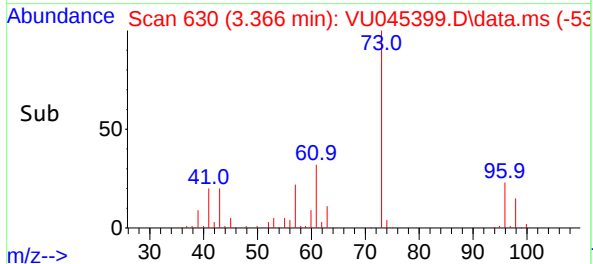
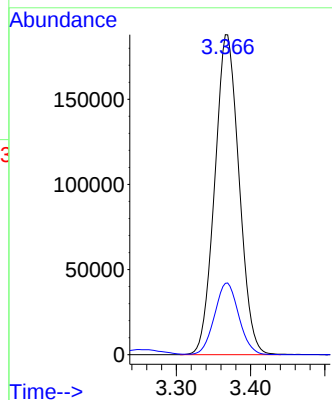
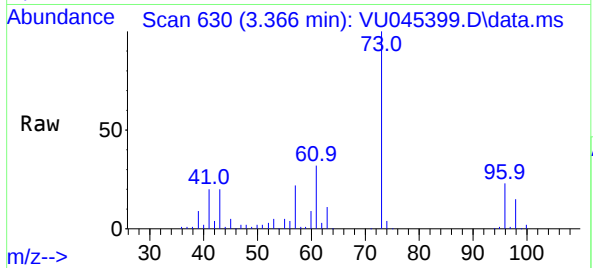
#19
Methyl tert-butyl Ether
Concen: 51.854 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 42740
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.2

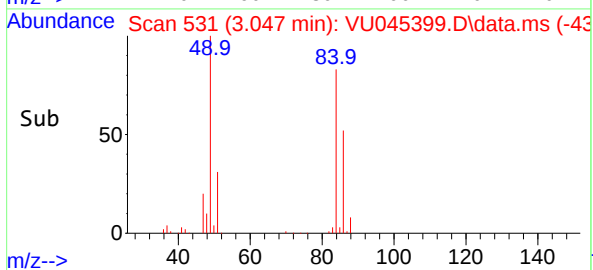
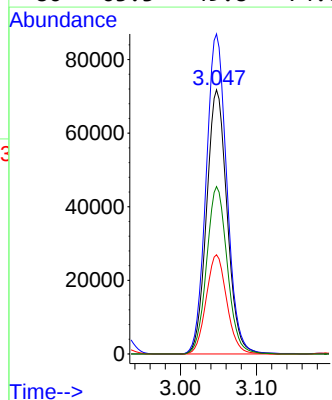
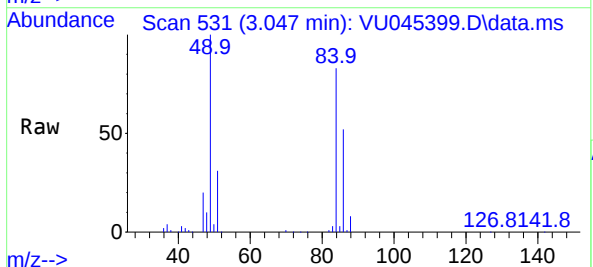
Manual Integrations
APPROVED

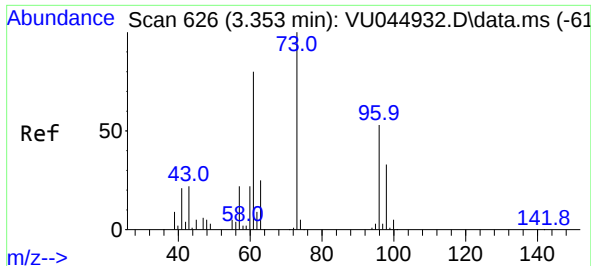
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#20
Methylene Chloride
Concen: 50.119 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

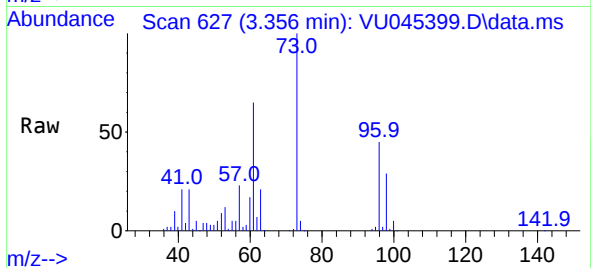
Tgt Ion: 84 Resp: 134333
Ion Ratio Lower Upper
84 100
49 121.1 104.9 157.3
51 37.5 31.8 47.8
86 63.3 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 51.719 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

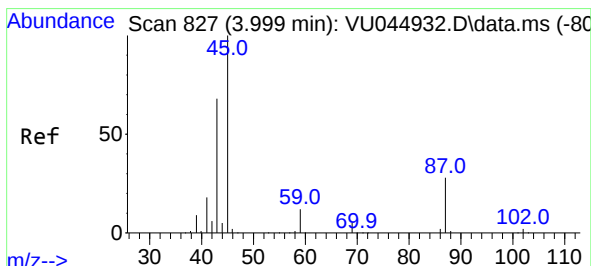
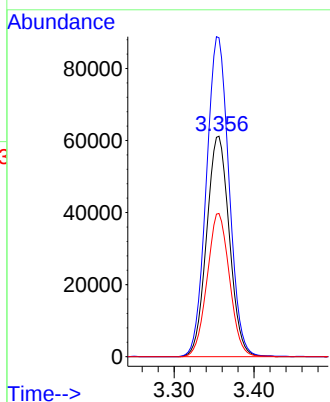
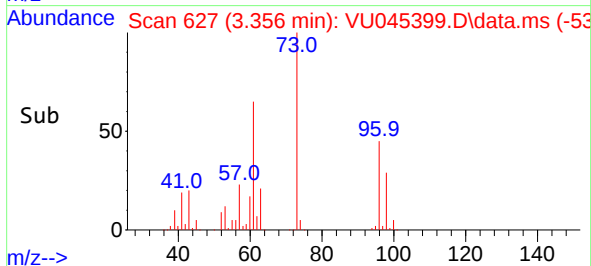
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



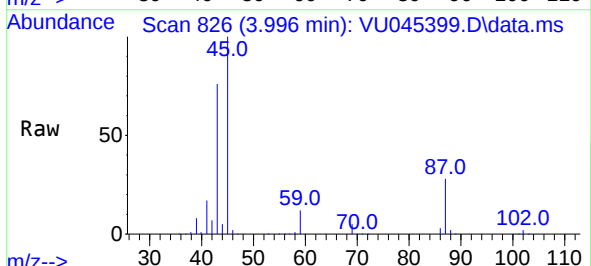
Tgt Ion: 96 Resp: 120804
Ion Ratio Lower Upper
96 100
61 144.6 123.2 184.8
98 64.9 51.0 76.6

Manual Integrations
APPROVED

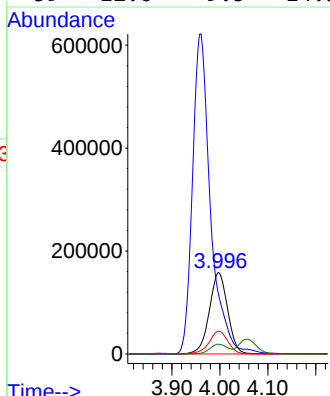
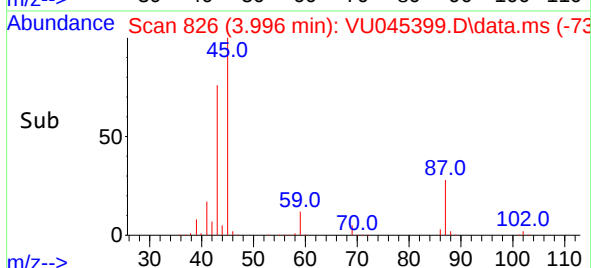
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

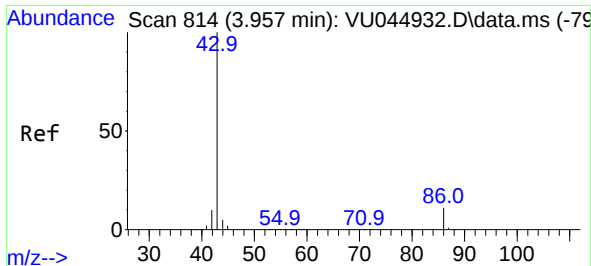


#22
Diisopropyl ether
Concen: 52.068 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.003 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57



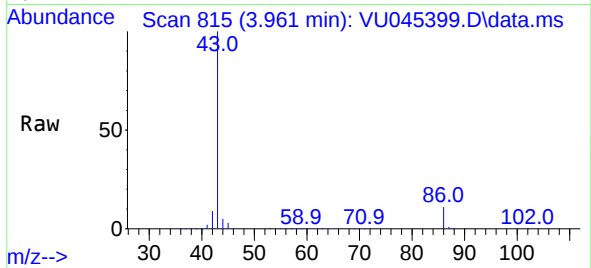
Tgt Ion: 45 Resp: 420064
Ion Ratio Lower Upper
45 100
43 75.3 62.3 93.5
87 27.8 21.0 31.4
59 12.0 9.5 14.3





#23
 Vinyl Acetate
 Concen: 248.526 ug/l
 RT: 3.961 min Scan# 815
 Delta R.T. 0.004 min
 Lab File: VU045399.D
 Acq: 26 Oct 2021 12:57

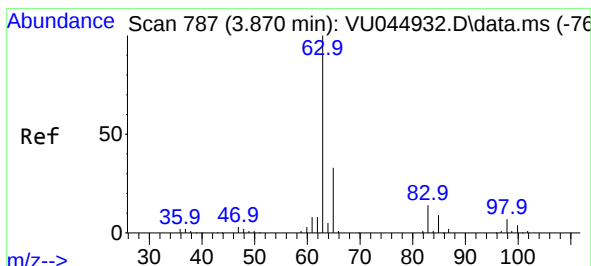
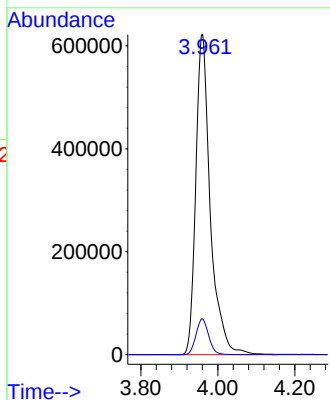
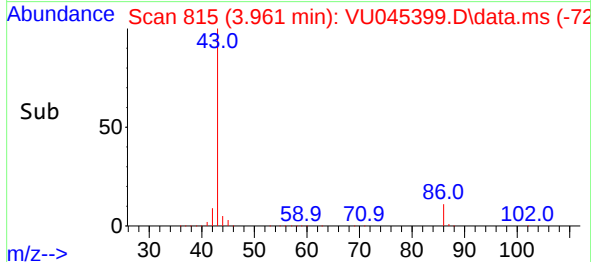
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050



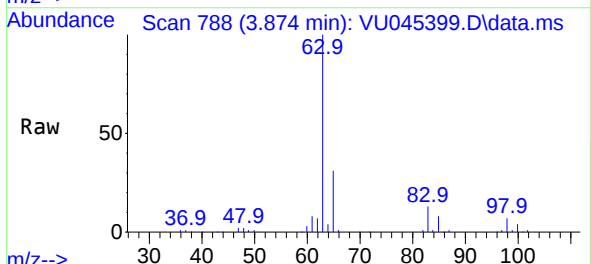
Tgt Ion: 43 Resp: 1630670
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.2 12.4

Manual Integrations
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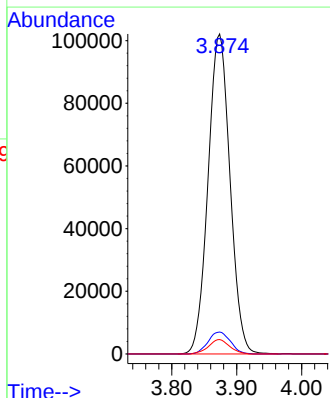
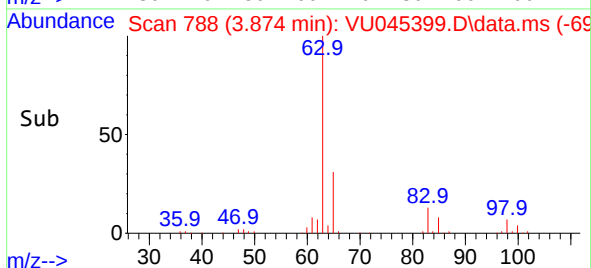
Reviewed By :John Carlone 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

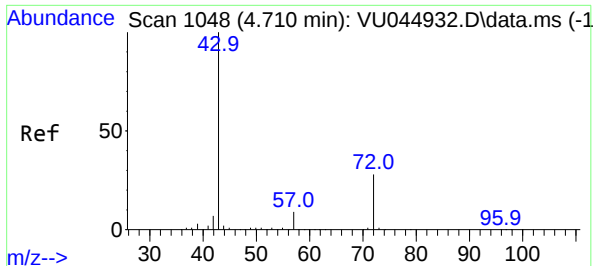


#24
 1,1-Dichloroethane
 Concen: 51.731 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.004 min
 Lab File: VU045399.D
 Acq: 26 Oct 2021 12:57



Tgt Ion: 63 Resp: 239580
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.5 2.1 6.3





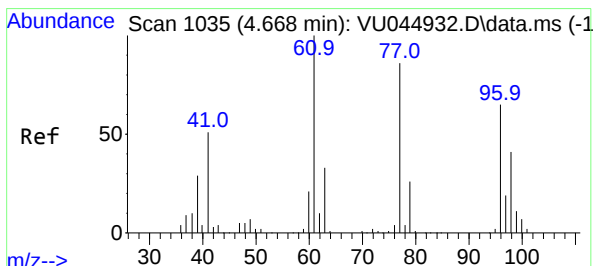
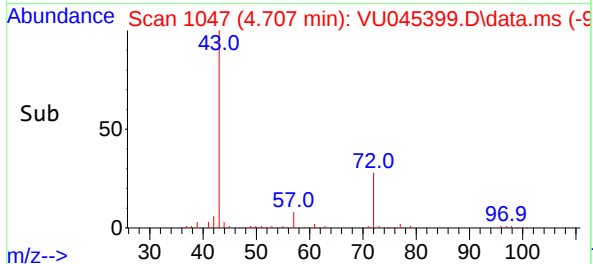
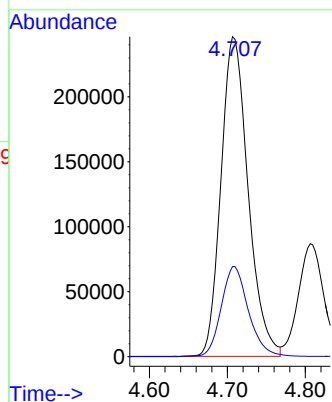
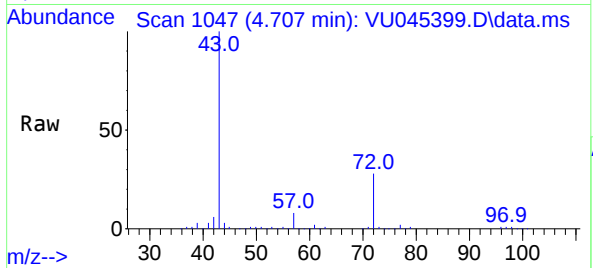
#25
2-Butanone
Concen: 235.805 ug/l
RT: 4.707 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 59617
Ion Ratio Lower Upper
43 100
72 28.1 21.3 31.9

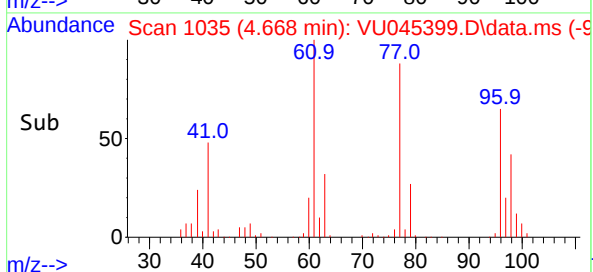
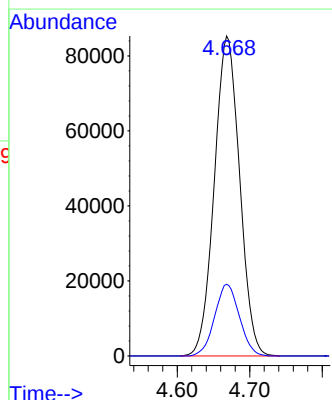
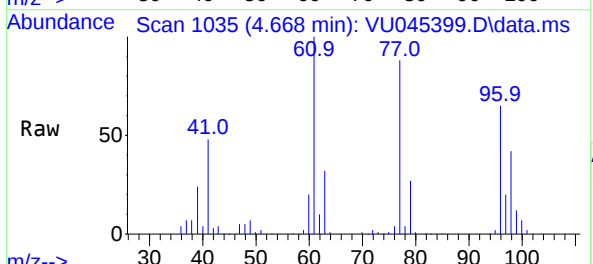
Manual Integrations
APPROVED

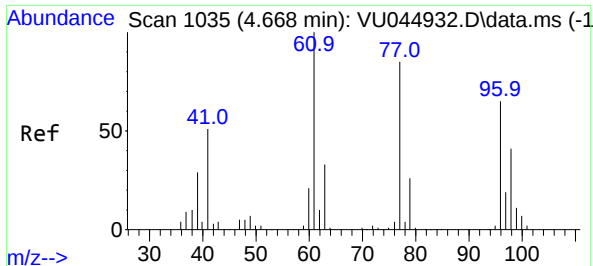
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#26
2,2-Dichloropropane
Concen: 52.806 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

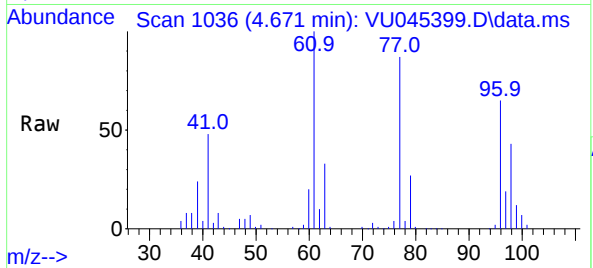
Tgt Ion: 77 Resp: 206764
Ion Ratio Lower Upper
77 100
97 21.9 10.8 32.4





cis-1,2-Dichloroethene
Concen: 51.262 ug/l
RT: 4.671 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

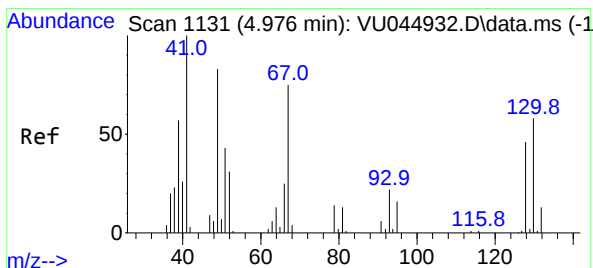
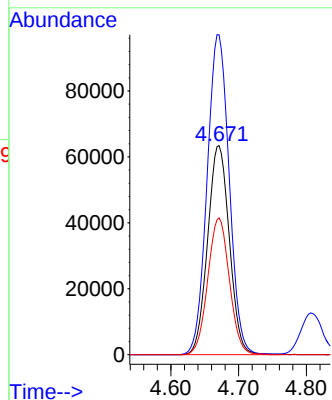
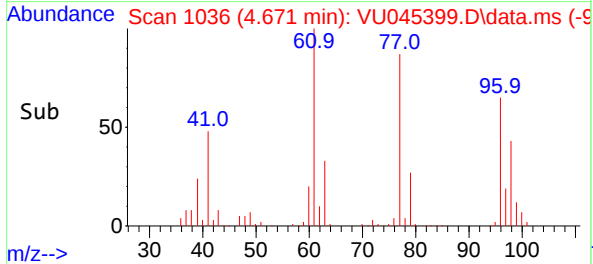
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



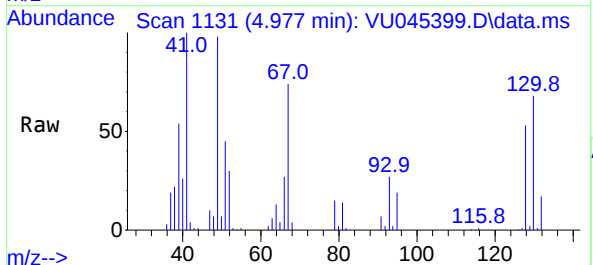
Tgt Ion: 96 Resp: 141418
Ion Ratio Lower Upper
96 100
61 155.2 0.0 313.4
98 65.0 0.0 127.0

Manual Integrations
APPROVED

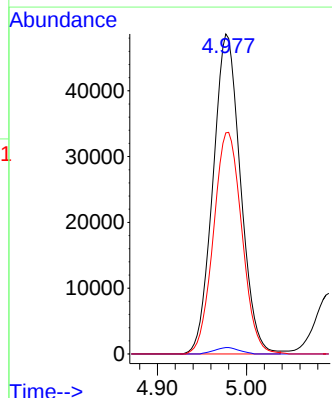
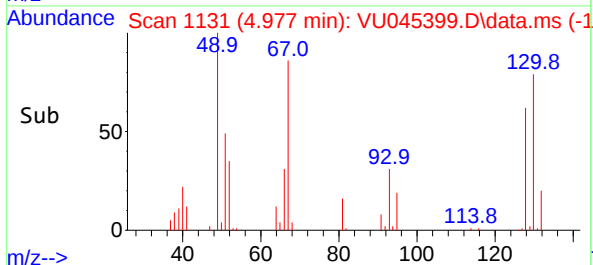
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

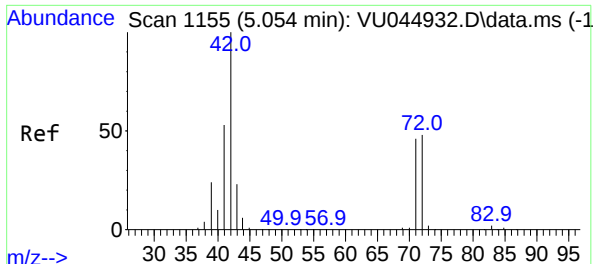


Bromochloromethane
Concen: 54.456 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.001 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57



Tgt Ion: 49 Resp: 104531
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.2
130 71.4 53.4 80.2





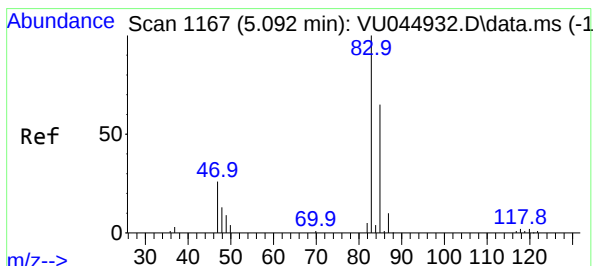
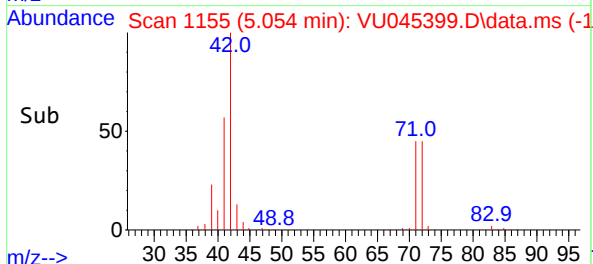
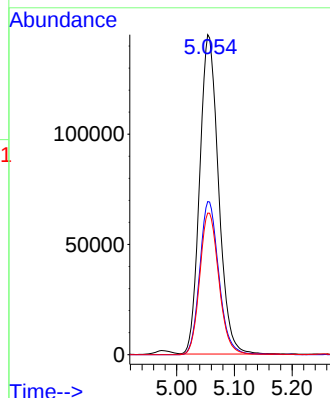
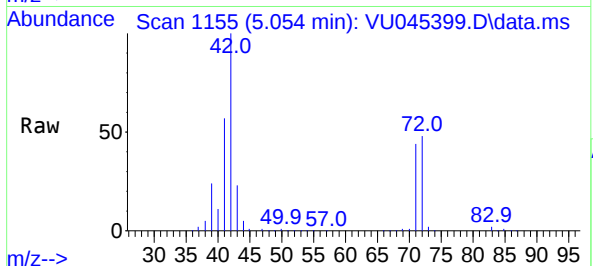
#29
Tetrahydrofuran
Concen: 217.785 ug/l
RT: 5.054 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 32776
Ion Ratio Lower Upper
42 100
72 48.8 36.2 54.4
71 45.1 34.1 51.1

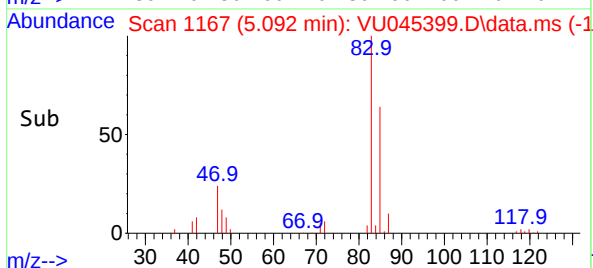
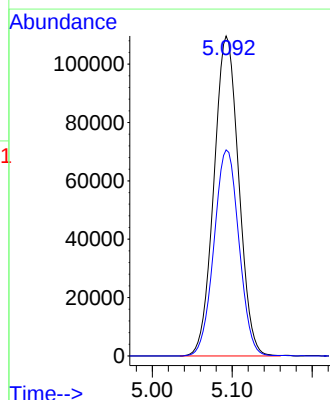
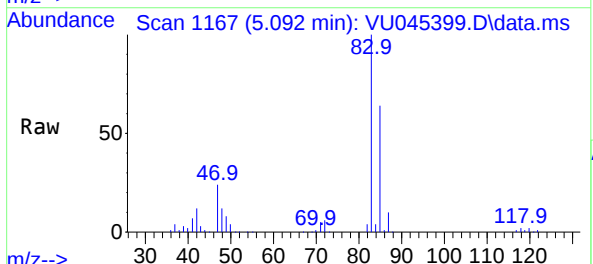
Manual Integrations
APPROVED

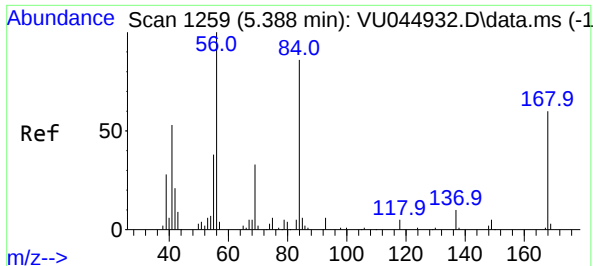
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#30
Chloroform
Concen: 50.516 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

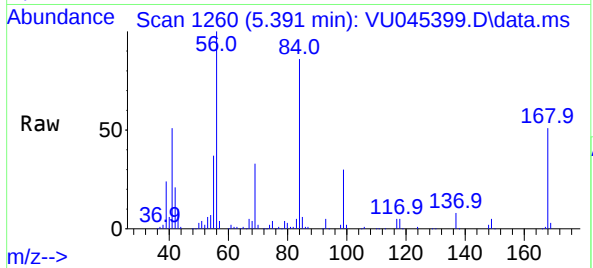
Tgt Ion: 83 Resp: 235801
Ion Ratio Lower Upper
83 100
85 64.4 52.1 78.1





#31
Cyclohexane
Concen: 49.855 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

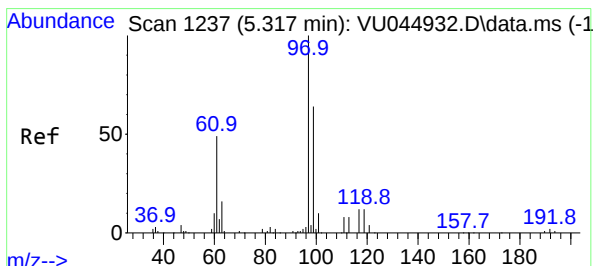
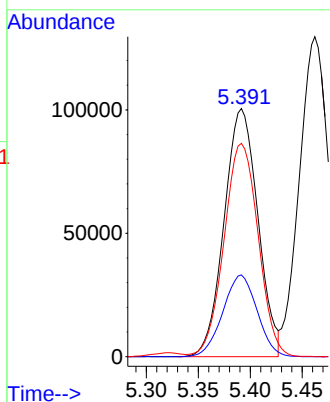
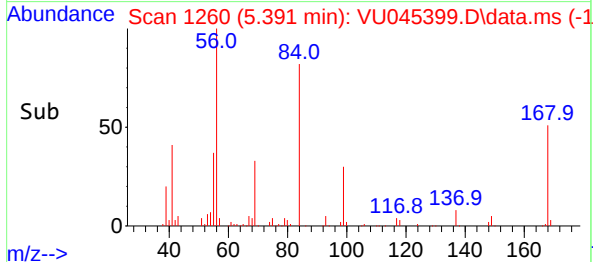
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



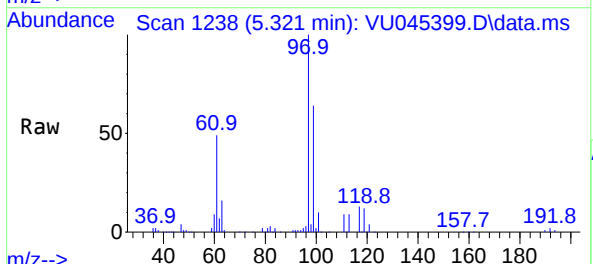
Tgt Ion: 56 Resp: 22703
Ion Ratio Lower Upper
56 100
69 33.0 25.2 37.8
84 84.8 66.4 99.6

Manual Integrations
APPROVED

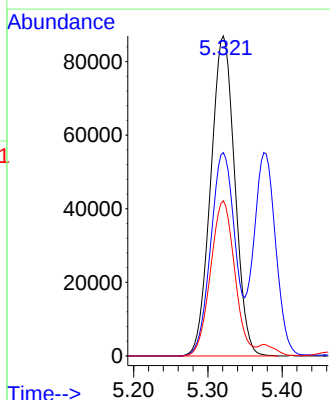
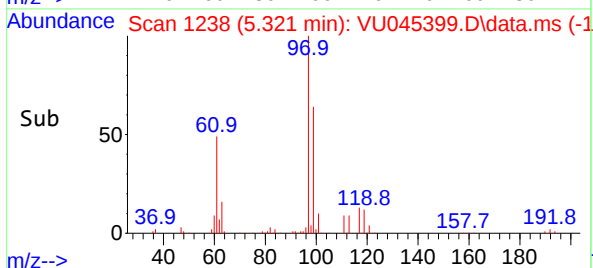
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

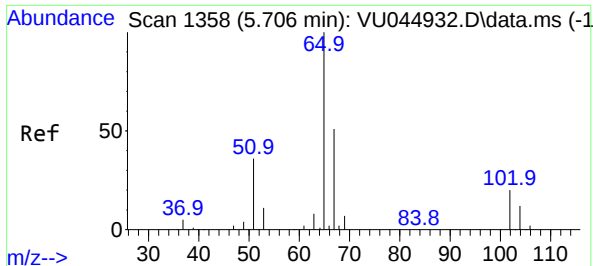


#32
1,1,1-Trichloroethane
Concen: 50.856 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.004 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57



Tgt Ion: 97 Resp: 195868
Ion Ratio Lower Upper
97 100
99 64.6 50.9 76.3
61 49.0 40.7 61.1





#33

1,2-Dichloroethane-d4

Concen: 50.202 ug/l

RT: 5.707 min Scan# 1

Delta R.T. 0.001 min

Lab File: VU045399.D

Acq: 26 Oct 2021 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 150499

Ion Ratio Lower Upper

65 100

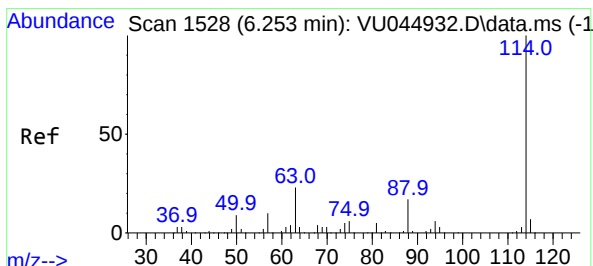
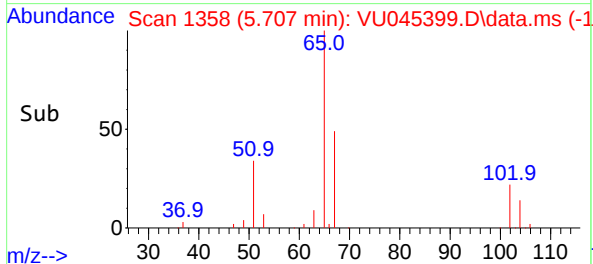
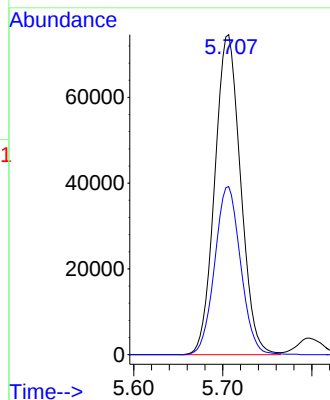
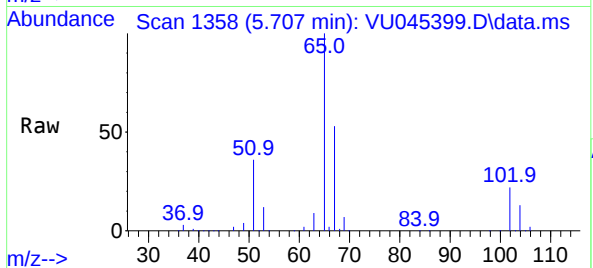
67 52.7 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045399.D

Acq: 26 Oct 2021 12:57

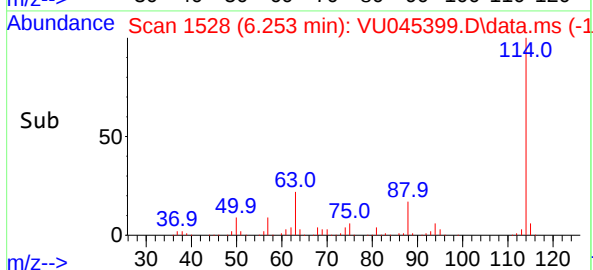
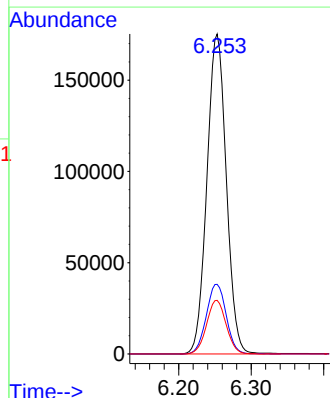
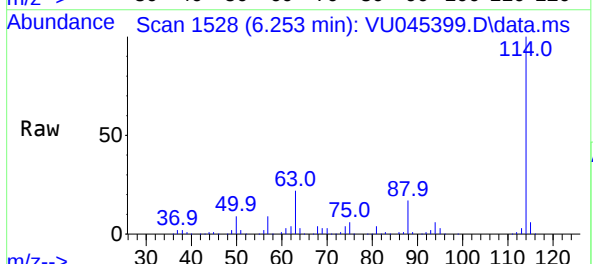
Tgt Ion:114 Resp: 325658

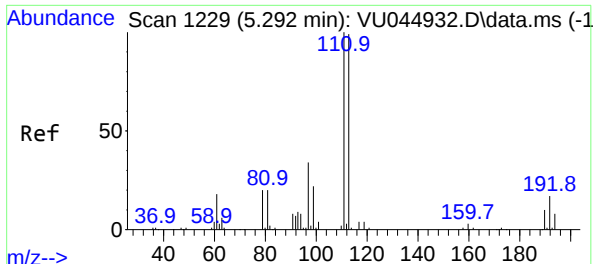
Ion Ratio Lower Upper

114 100

63 21.8 0.0 47.8

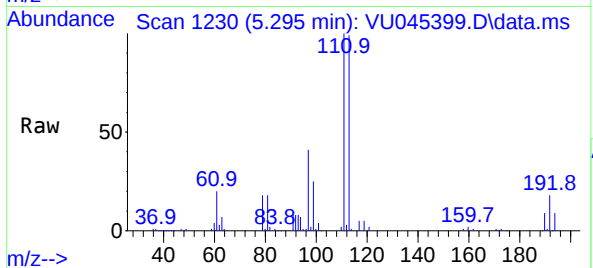
88 16.7 0.0 32.8





#35
Dibromofluoromethane
Concen: 53.195 ug/l
RT: 5.295 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

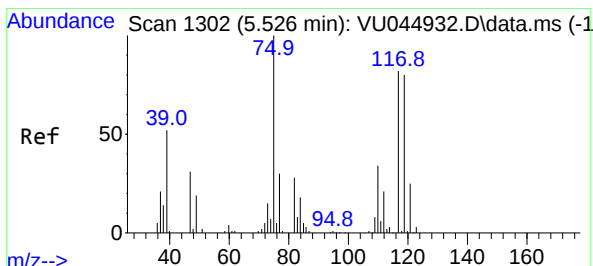
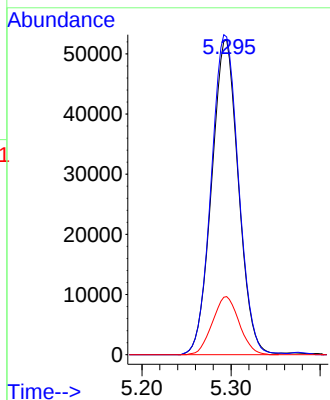
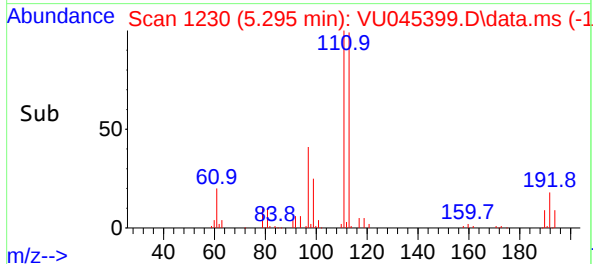
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



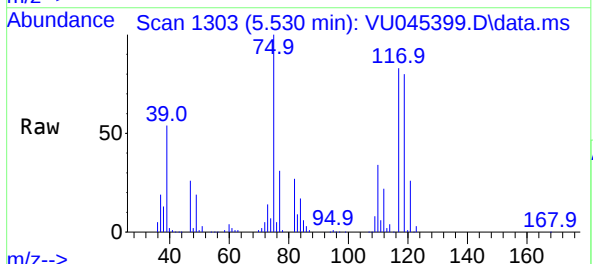
Tgt Ion:113 Resp: 10928
Ion Ratio Lower Upper
113 100
111 103.5 84.1 126.1
192 18.4 14.8 22.2

Manual Integrations
APPROVED

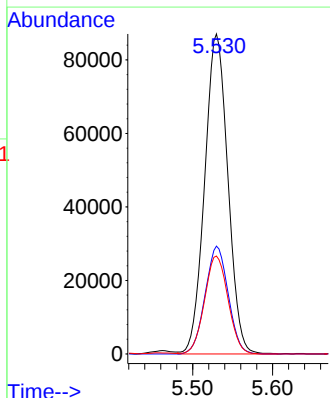
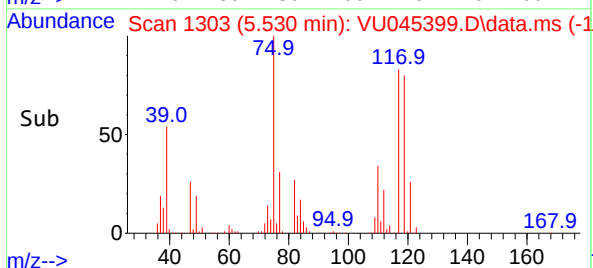
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

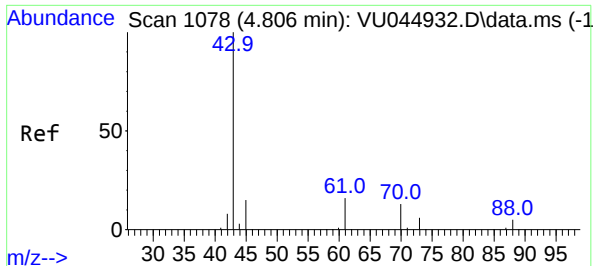


#36
1,1-Dichloropropene
Concen: 51.550 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.004 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57



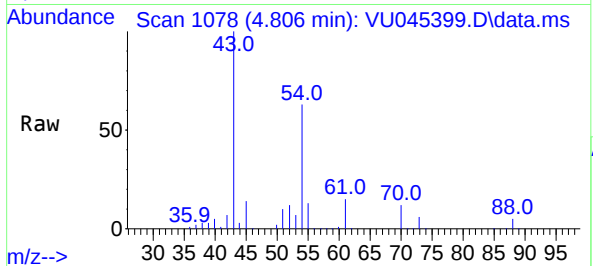
Tgt Ion: 75 Resp: 175560
Ion Ratio Lower Upper
75 100
110 33.5 16.3 48.9
77 31.1 25.0 37.4





#37
Ethyl Acetate
Concen: 44.314 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

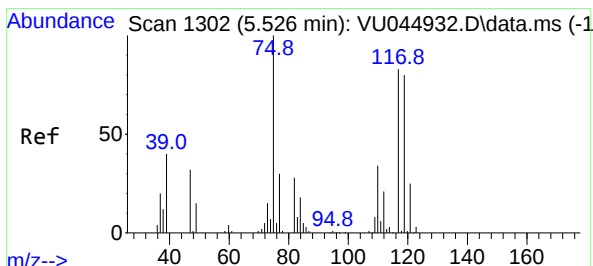
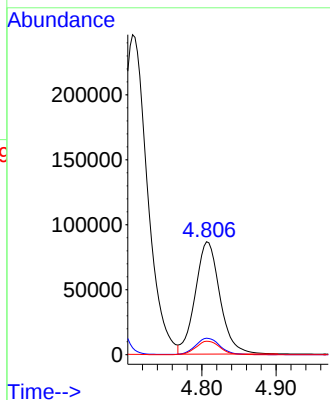
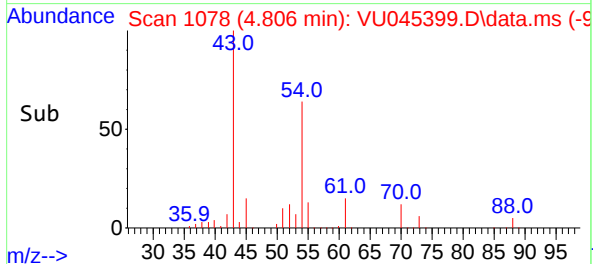
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 199680
Ion Ratio Lower Upper
43 100
61 14.3 10.9 16.3
70 11.7 8.2 12.4

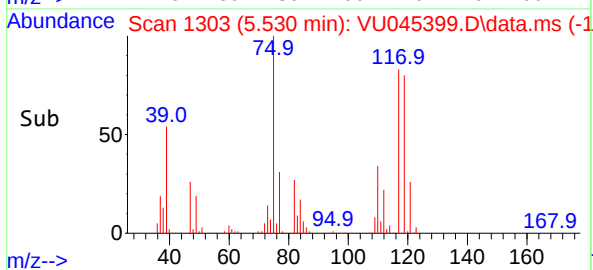
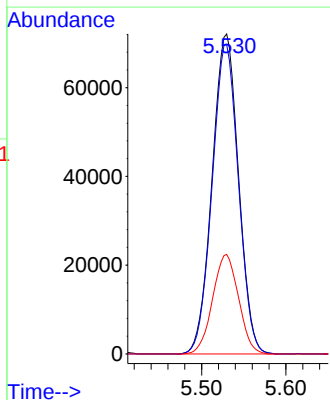
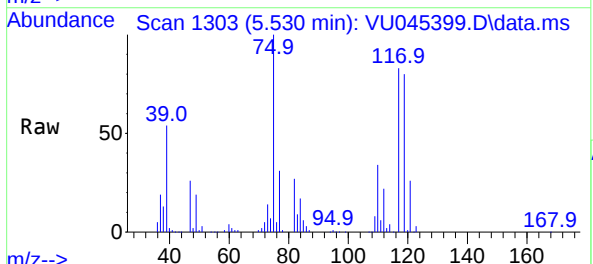
Manual Integrations
APPROVED

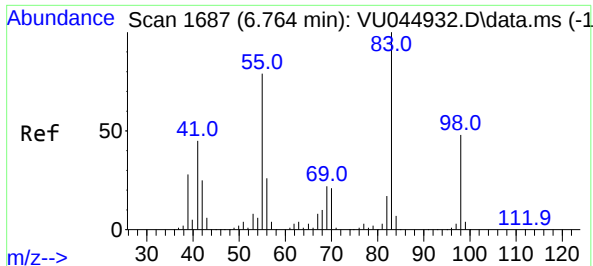
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#38
Carbon Tetrachloride
Concen: 53.267 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.004 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

Tgt Ion:117 Resp: 156975
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.2
121 31.1 24.5 36.7





#39

Methylcyclohexane

Concen: 54.097 ug/l

RT: 6.764 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045399.D

Acq: 26 Oct 2021 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 226170

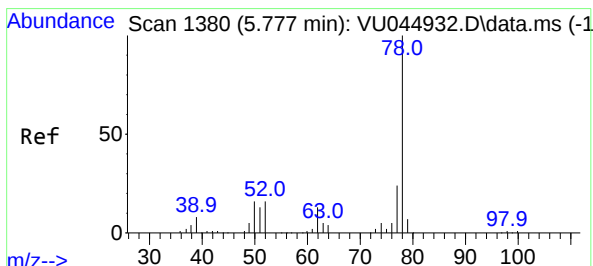
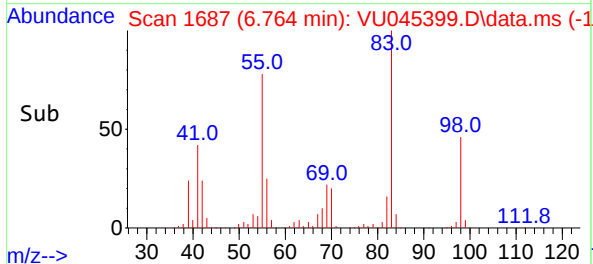
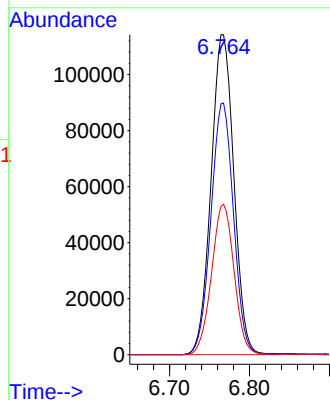
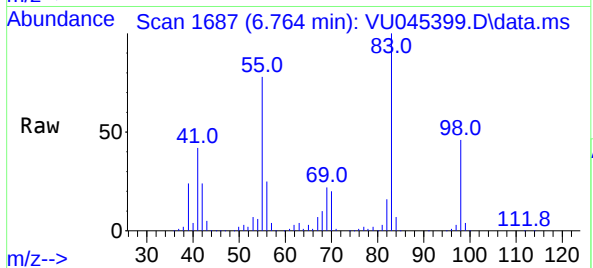
Ion	Ratio	Lower	Upper
83	100		
55	78.4	66.2	99.4
98	46.4	37.5	56.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#40

Benzene

Concen: 51.734 ug/l

RT: 5.777 min Scan# 1380

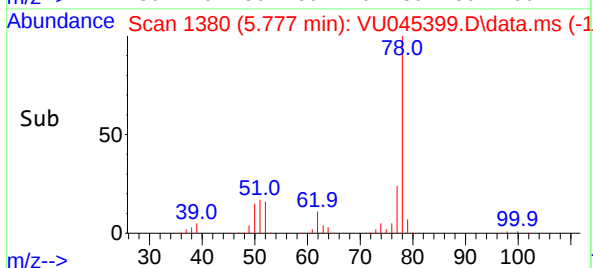
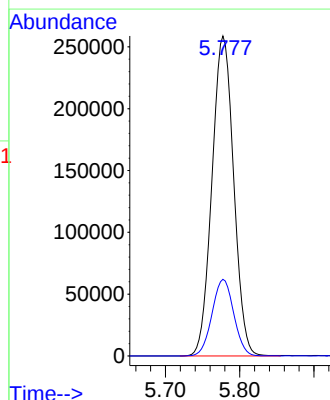
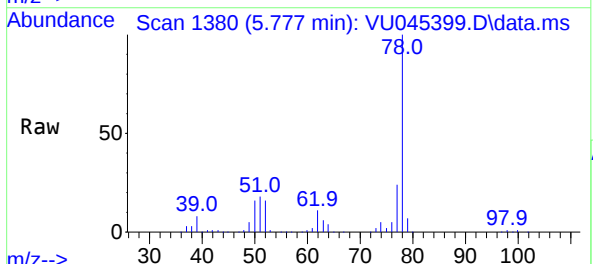
Delta R.T. 0.000 min

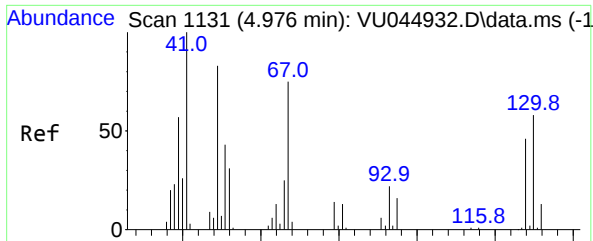
Lab File: VU045399.D

Acq: 26 Oct 2021 12:57

Tgt Ion: 78 Resp: 524744

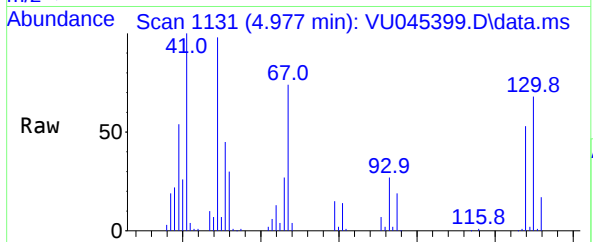
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.1	28.7





#41
Methacrylonitrile
Concen: 47.491 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.001 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

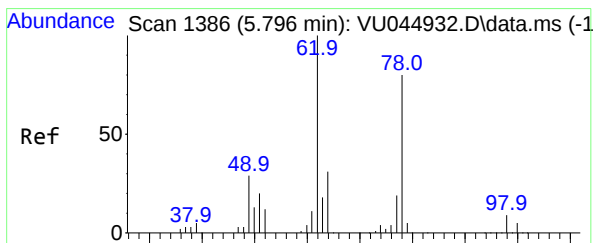
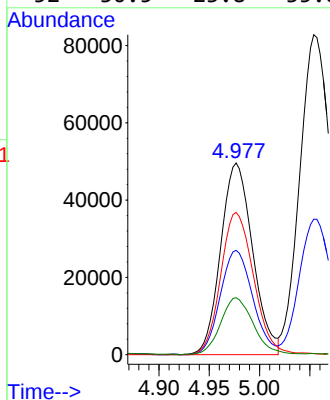
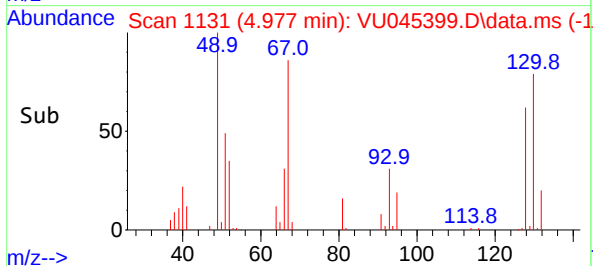
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



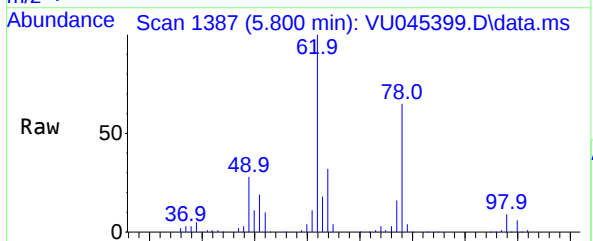
Tgt Ion: 41 Resp: 110160
Ion Ratio Lower Upper
41 100
39 55.4 44.4 66.6
67 76.4 58.1 87.1
52 30.5 23.8 35.8

Manual Integrations
APPROVED

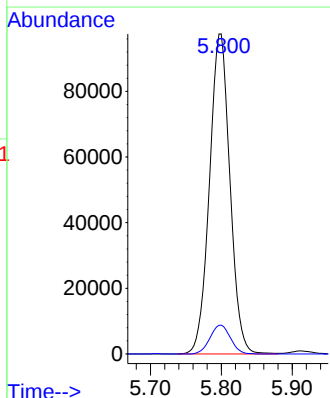
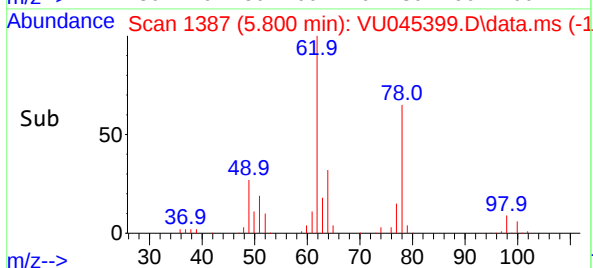
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

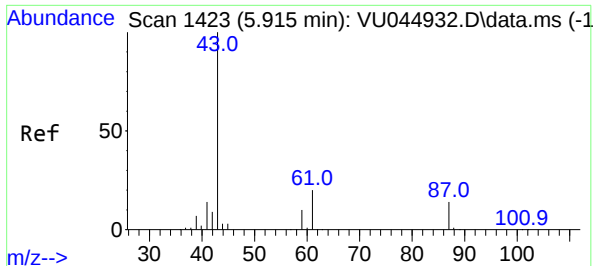


#42
1,2-Dichloroethane
Concen: 49.119 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.004 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57



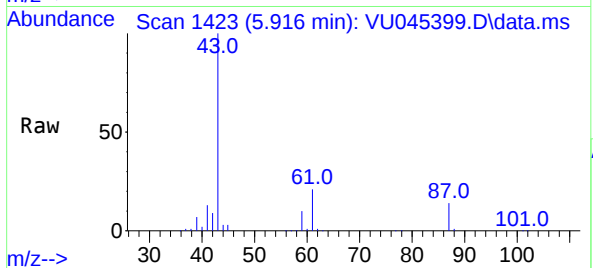
Tgt Ion: 62 Resp: 195821
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.8





#43
Isopropyl Acetate
Concen: 47.045 ug/l
RT: 5.916 min Scan# 1423
Delta R.T. 0.001 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

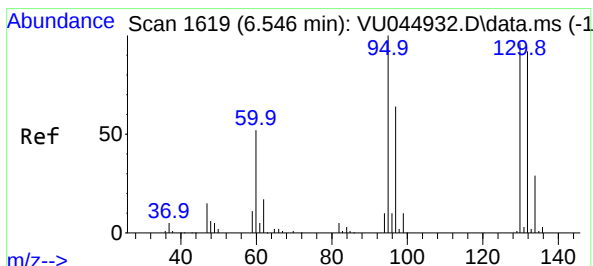
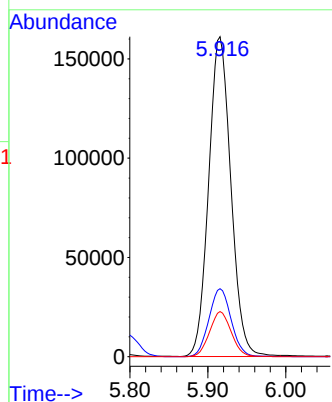
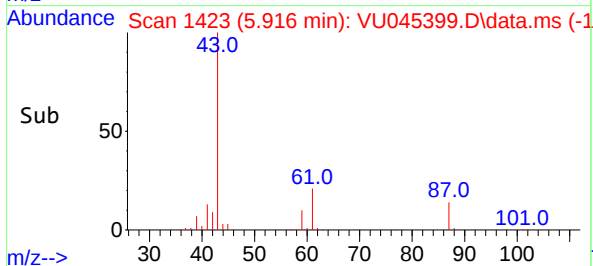
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



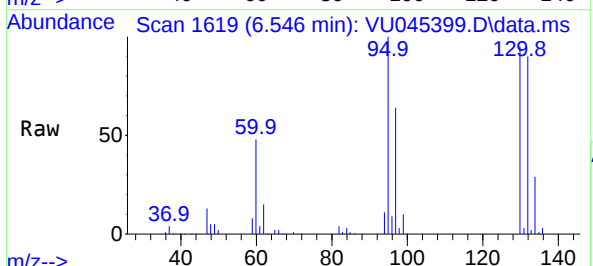
Tgt Ion: 43 Resp: 318920
Ion Ratio Lower Upper
43 100
61 21.4 16.1 24.1
87 13.8 10.3 15.5

Manual Integrations
APPROVED

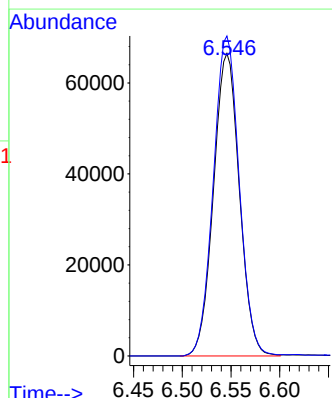
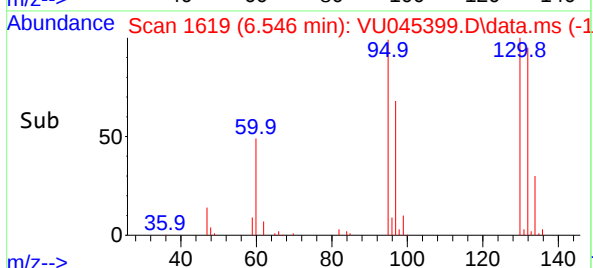
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

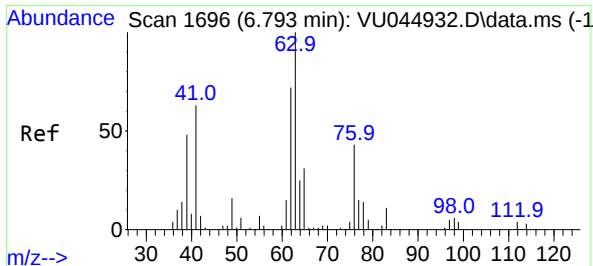


#44
Trichloroethene
Concen: 51.297 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57



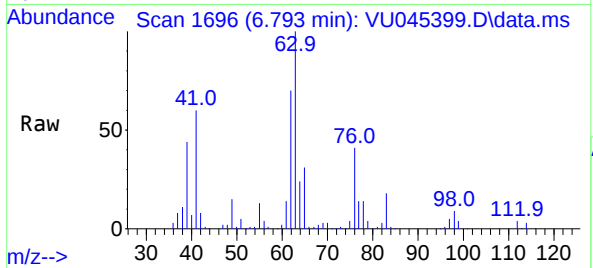
Tgt Ion:130 Resp: 122675
Ion Ratio Lower Upper
130 100
95 105.8 0.0 209.0





#45
1,2-Dichloropropane
Concen: 51.674 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

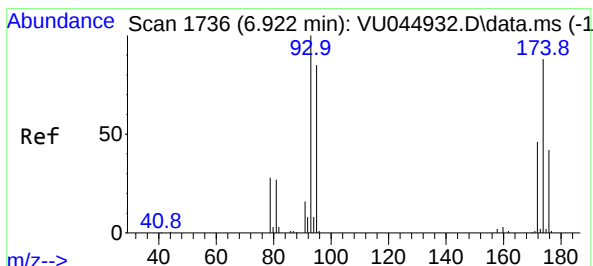
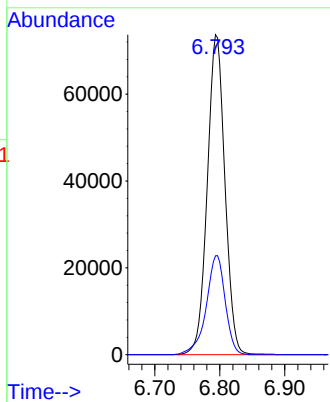
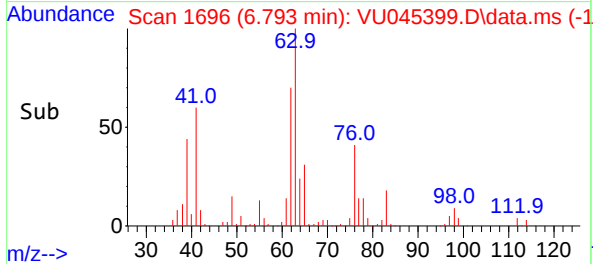
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 138960
Ion Ratio Lower Upper
63 100
65 30.9 23.9 35.9

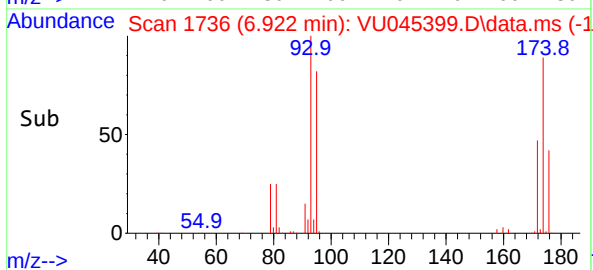
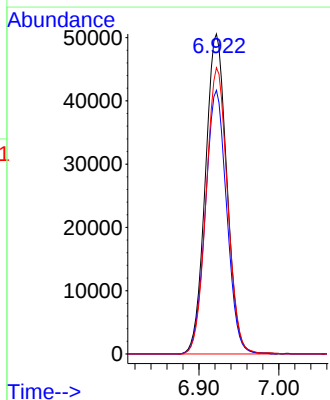
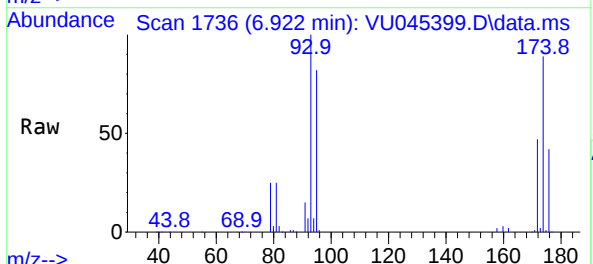
Manual Integrations
APPROVED

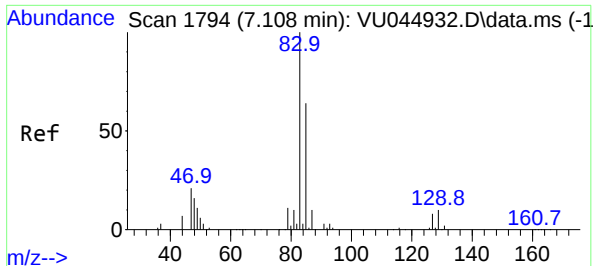
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#46
Dibromomethane
Concen: 51.933 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

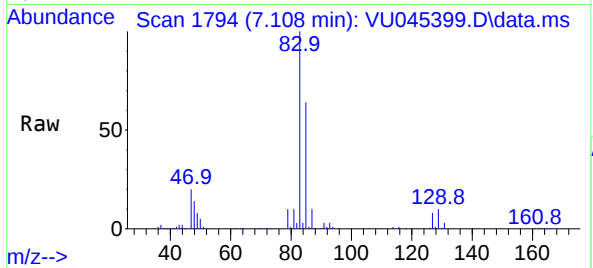
Tgt Ion: 93 Resp: 94080
Ion Ratio Lower Upper
93 100
95 82.0 65.6 98.4
174 89.3 70.7 106.1





#47
Bromodichloromethane
Concen: 52.251 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

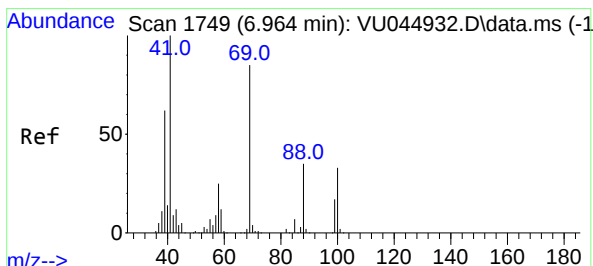
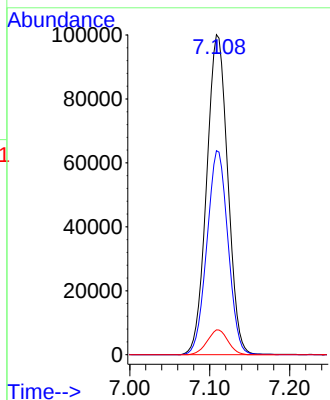
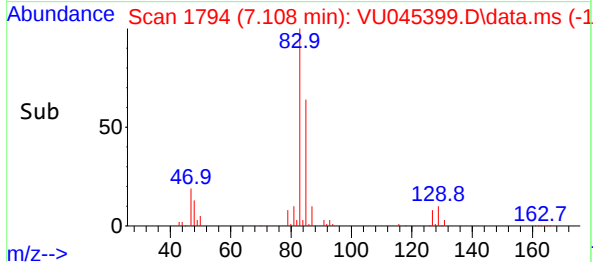
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 183788
Ion Ratio Lower Upper
83 100
85 63.8 51.6 77.4
127 7.7 6.2 9.4

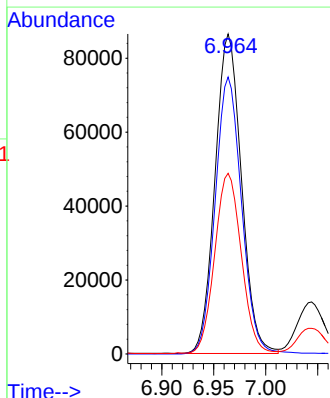
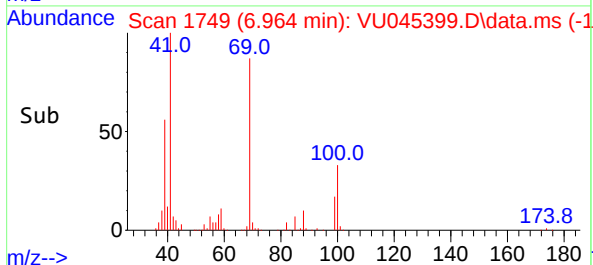
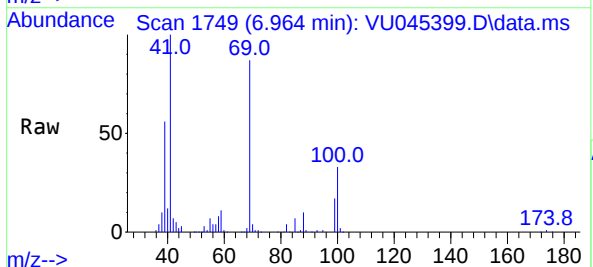
Manual Integrations
APPROVED

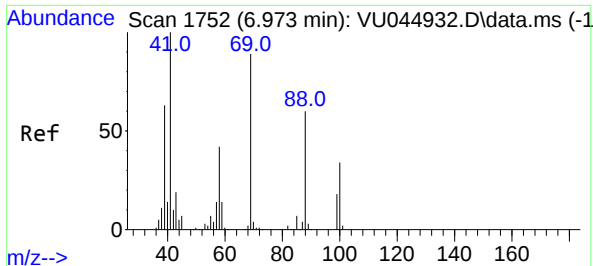
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#48
Methyl methacrylate
Concen: 46.322 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

Tgt Ion: 41 Resp: 152849
Ion Ratio Lower Upper
41 100
69 86.9 65.6 98.4
39 56.5 46.2 69.4





#49

1,4-Dioxane

Concen: 862.381 ug/l

RT: 6.989 min Scan# 1752

Delta R.T. 0.016 min

Lab File: VU045399.D

Acq: 26 Oct 2021 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 72908

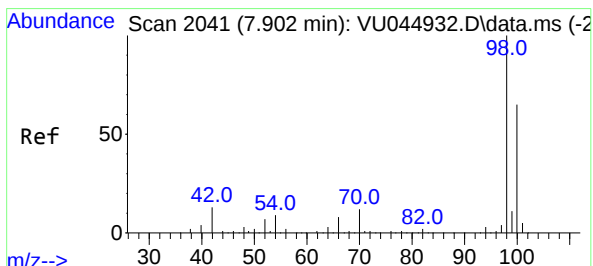
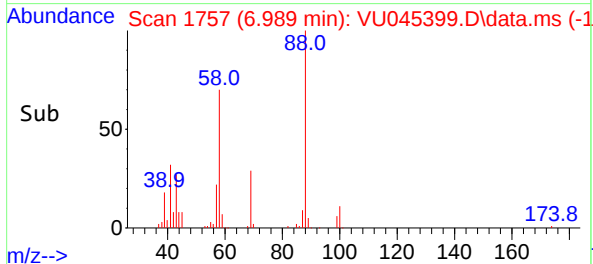
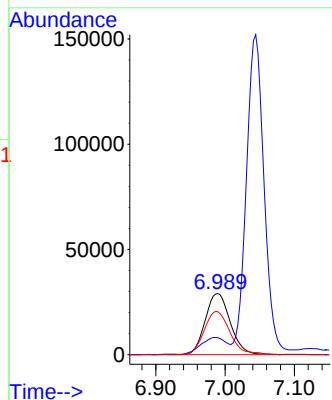
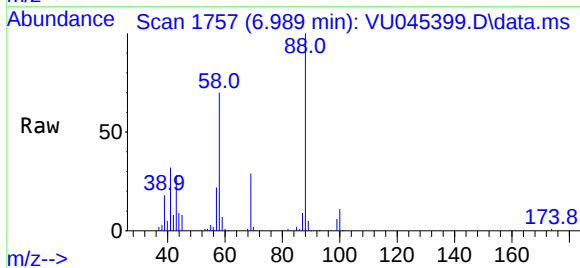
Ion	Ratio	Lower	Upper
88	100		
43	29.3	25.8	38.6
58	73.1	61.3	91.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#50

Toluene-d8

Concen: 52.275 ug/l

RT: 7.903 min Scan# 2041

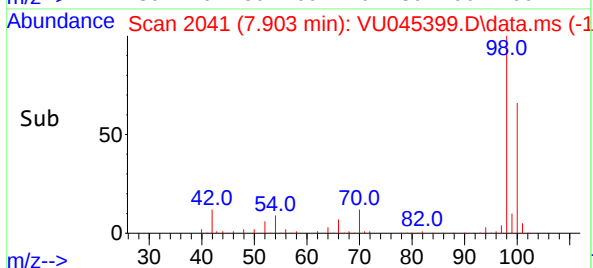
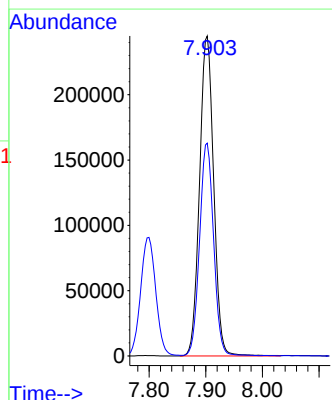
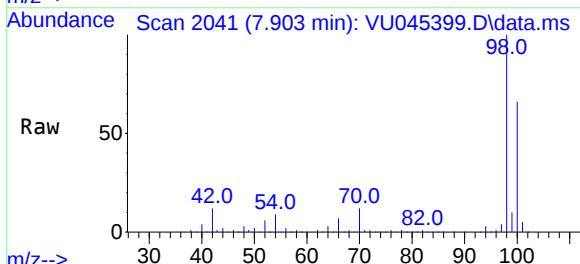
Delta R.T. 0.001 min

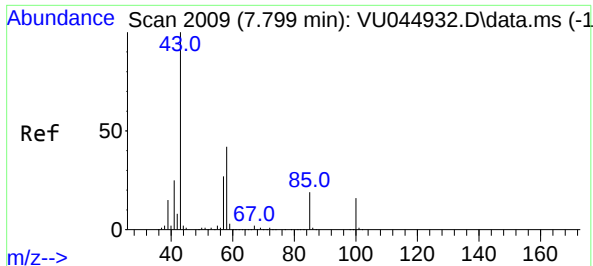
Lab File: VU045399.D

Acq: 26 Oct 2021 12:57

Tgt Ion: 98 Resp: 424325

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.5	78.7





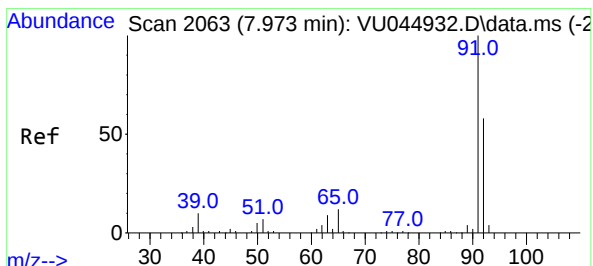
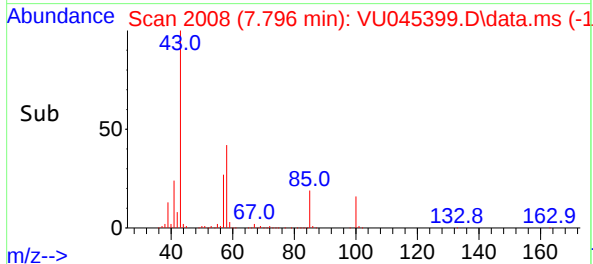
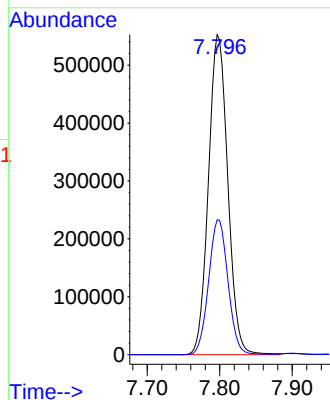
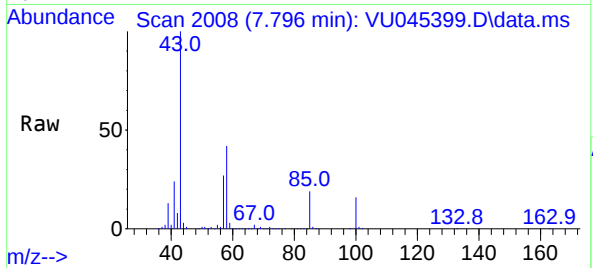
#51
4-Methyl-2-Pentanone
Concen: 207.400 ug/l
RT: 7.796 min Scan# 2008
Delta R.T. -0.003 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 102356
Ion Ratio Lower Upper
43 100
58 42.3 32.4 48.6

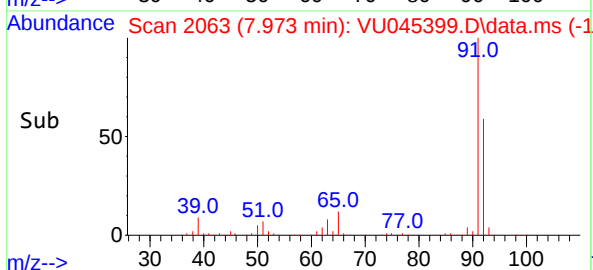
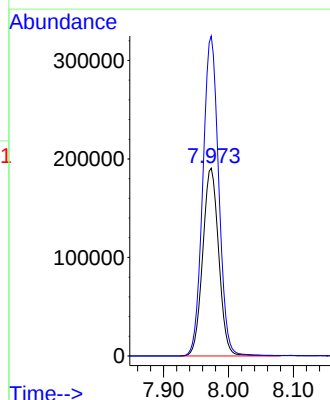
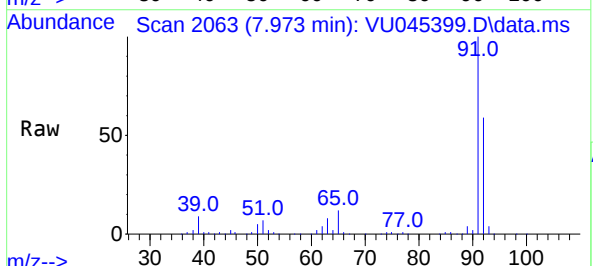
Manual Integrations
APPROVED

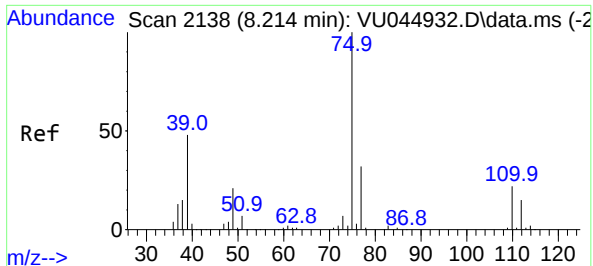
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#52
Toluene
Concen: 51.524 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

Tgt Ion: 92 Resp: 327090
Ion Ratio Lower Upper
92 100
91 169.7 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 53.405 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

Instrument :

MSVOA_U

ClientSampleId :

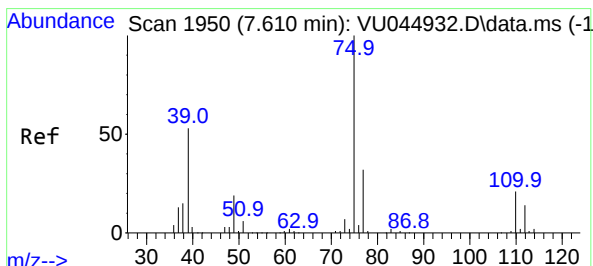
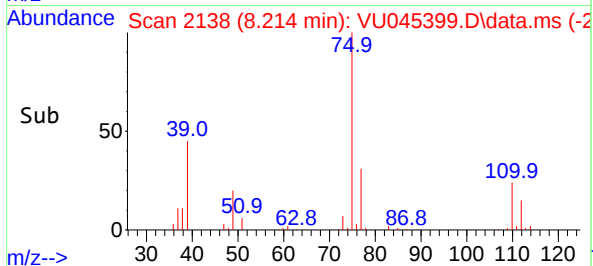
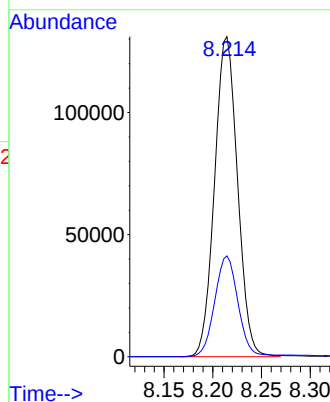
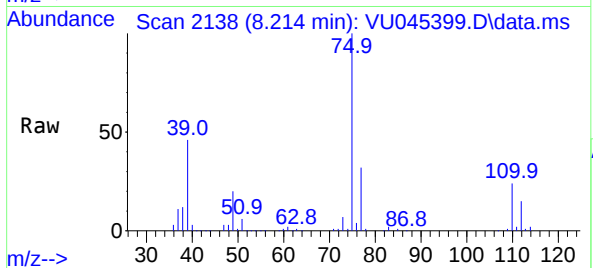
VSTDCCC050

Tgt Ion: 75 Resp: 214814
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4

Manual Integrations

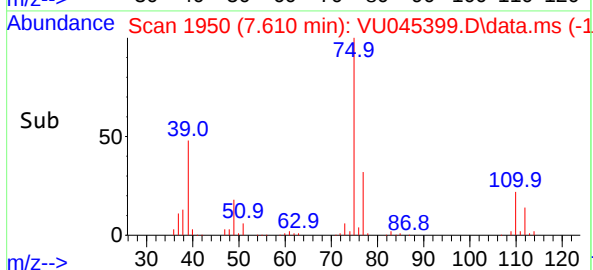
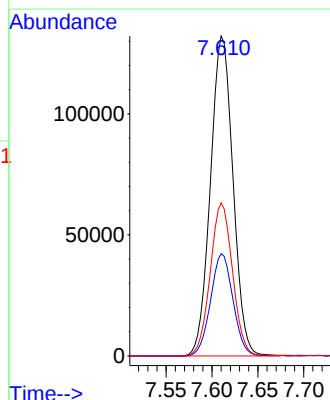
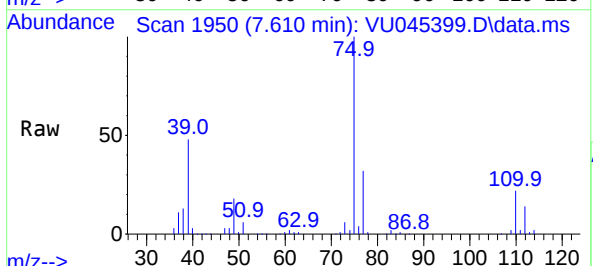
APPROVED

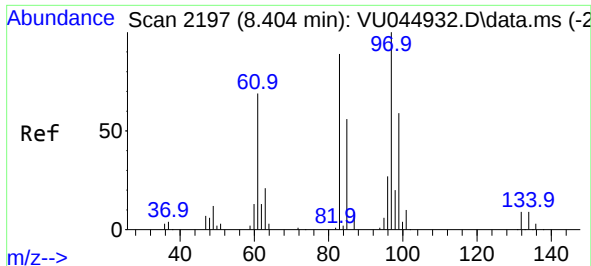
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#54
cis-1,3-Dichloropropene
Concen: 54.040 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

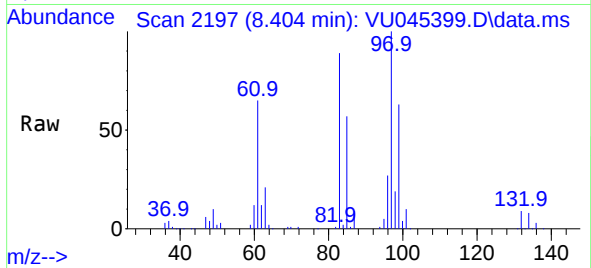
Tgt Ion: 75 Resp: 226414
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.6
39 47.8 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 50.040 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

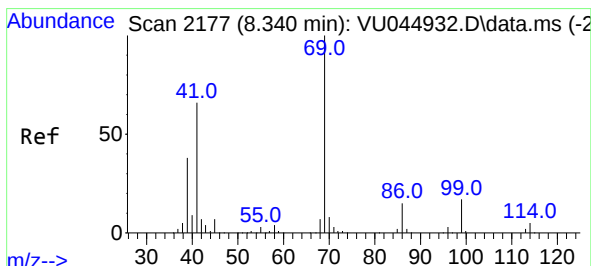
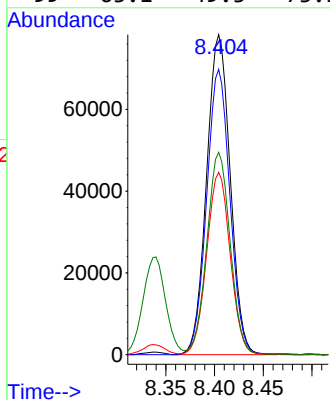
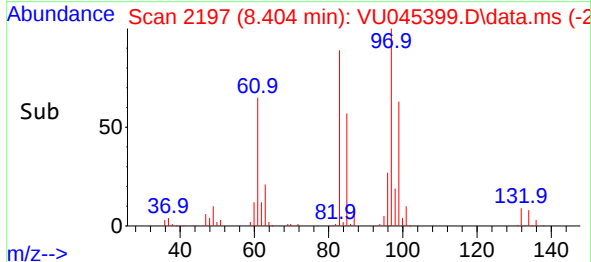
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



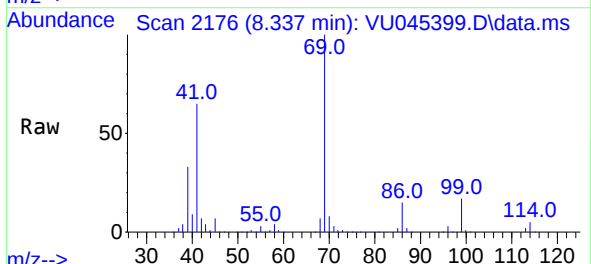
Tgt Ion: 97 Resp: 132360
Ion Ratio Lower Upper
97 100
83 89.1 69.7 104.5
85 56.9 44.8 67.2
99 63.1 49.3 73.9

Manual Integrations
APPROVED

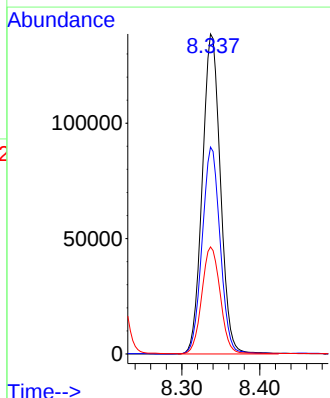
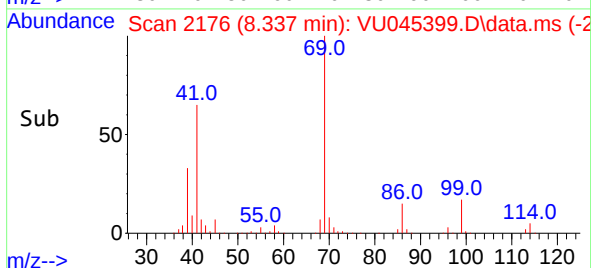
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

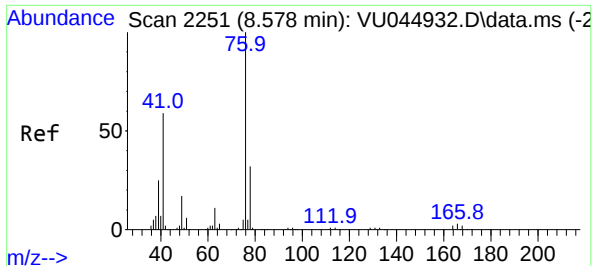


#56
Ethyl methacrylate
Concen: 43.798 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. -0.003 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57



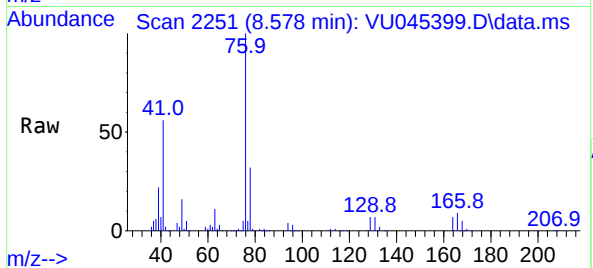
Tgt Ion: 69 Resp: 223742
Ion Ratio Lower Upper
69 100
41 64.4 53.5 80.3
39 33.9 31.1 46.7





#57
1,3-Dichloropropane
Concen: 49.524 ug/l
RT: 8.578 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

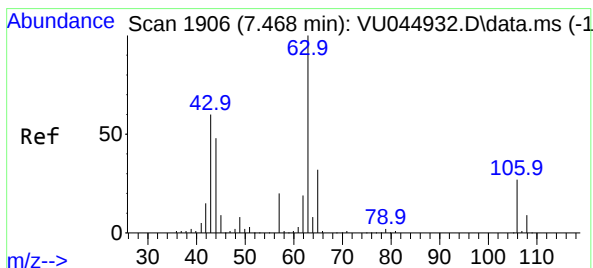
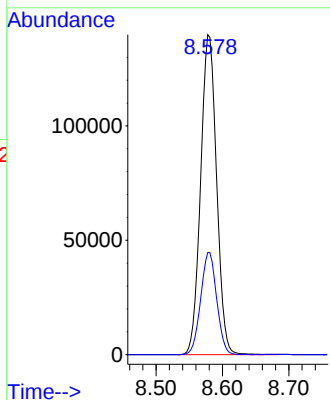
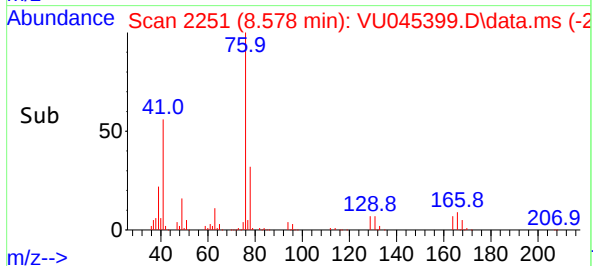
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



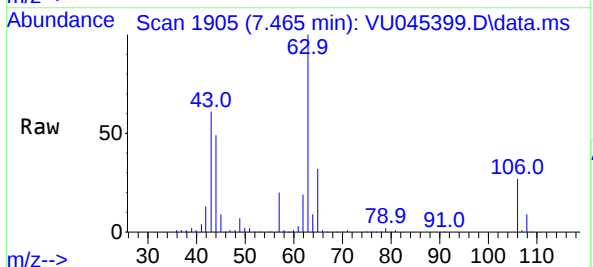
Tgt Ion: 76 Resp: 23378
Ion Ratio Lower Upper
76 100
78 32.0 25.7 38.5

Manual Integrations
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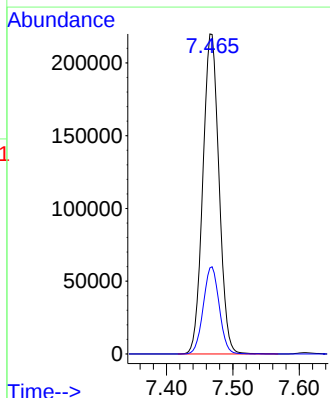
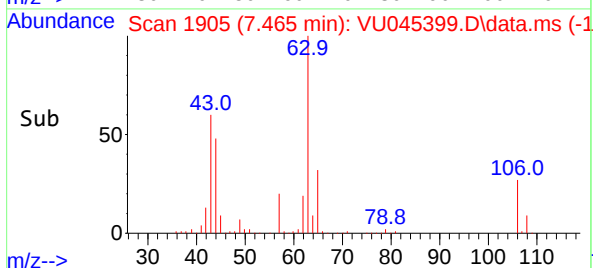
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

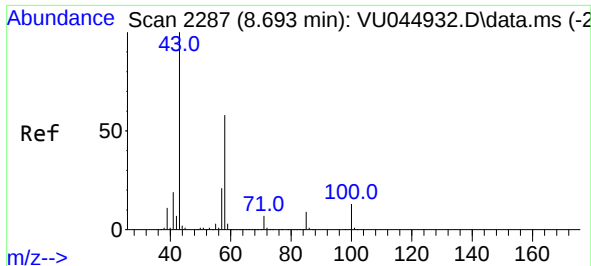


#58
2-Chloroethyl Vinyl ether
Concen: 228.127 ug/l
RT: 7.465 min Scan# 1905
Delta R.T. -0.003 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57



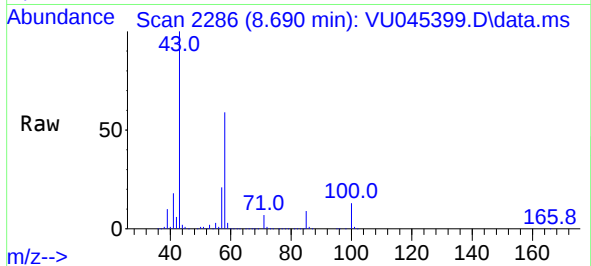
Tgt Ion: 63 Resp: 371048
Ion Ratio Lower Upper
63 100
106 26.9 20.5 30.7





#59
2-Hexanone
Concen: 209.181 ug/l
RT: 8.690 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

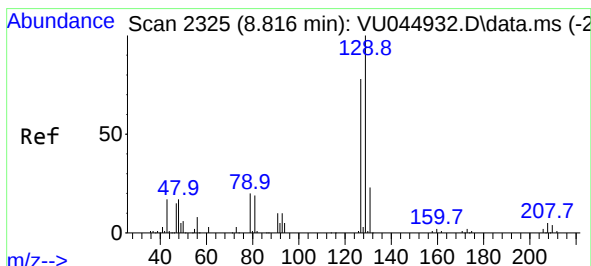
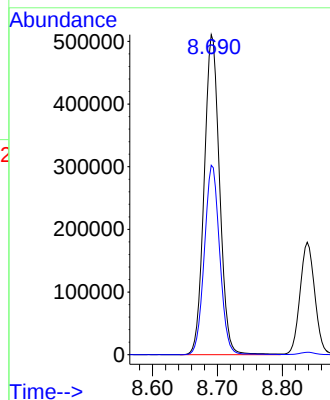
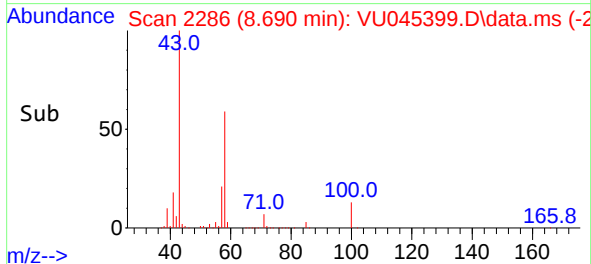
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 840680
Ion Ratio Lower Upper
43 100
58 59.2 28.0 84.0

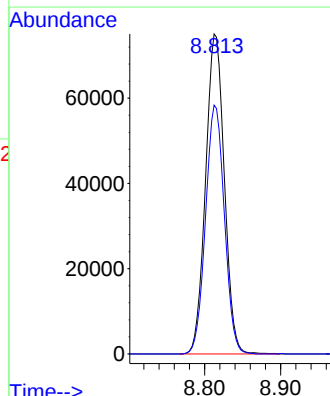
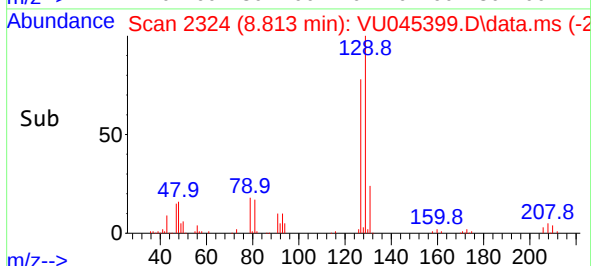
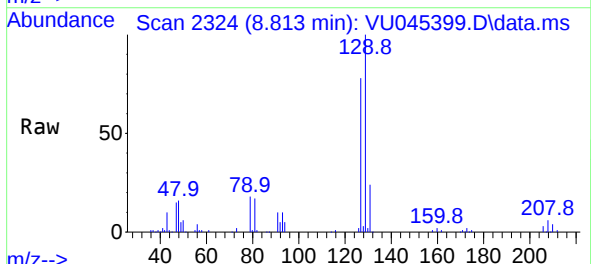
Manual Integrations
APPROVED

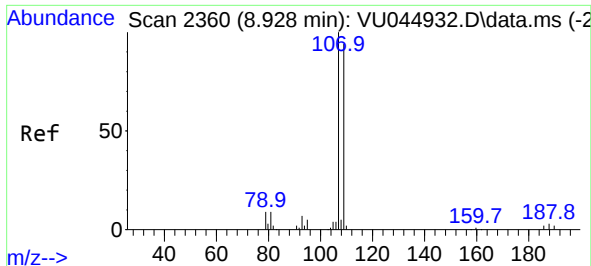
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#60
Dibromochloromethane
Concen: 46.014 ug/l
RT: 8.813 min Scan# 2324
Delta R.T. -0.003 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

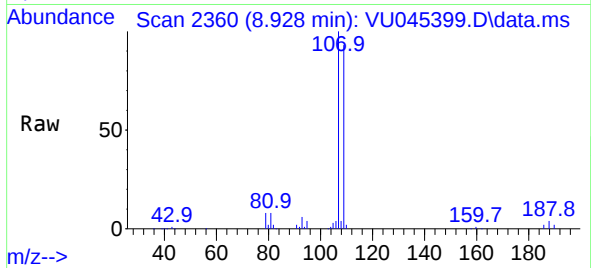
Tgt Ion:129 Resp: 128544
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0





#61
1,2-Dibromoethane
Concen: 49.810 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

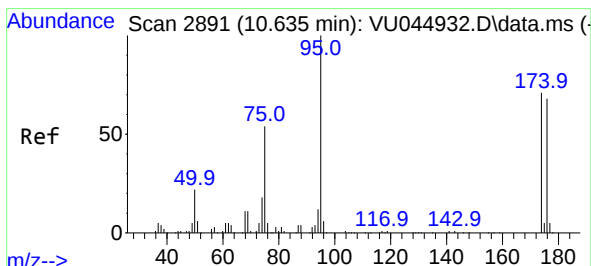
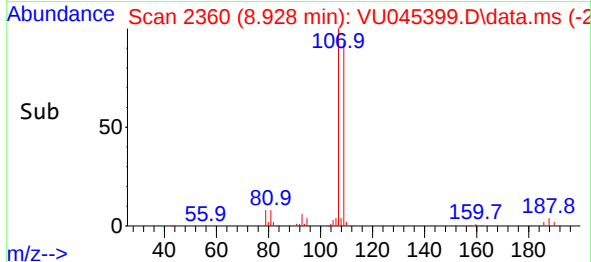
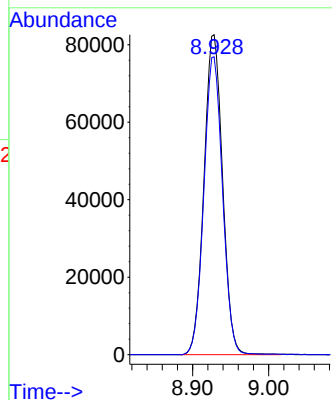
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 140048
Ion Ratio Lower Upper
107 100
109 93.4 74.8 112.2

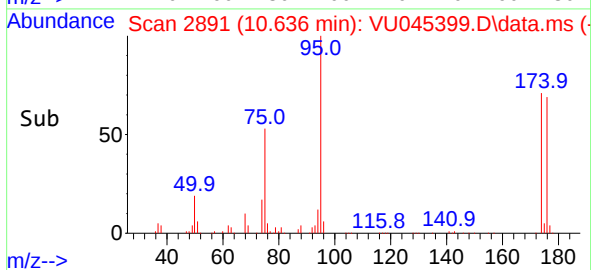
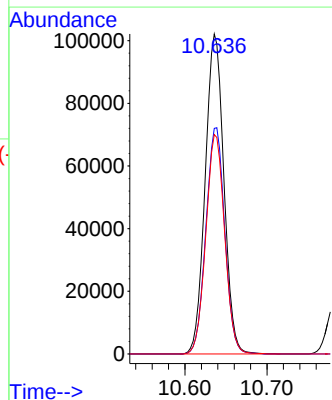
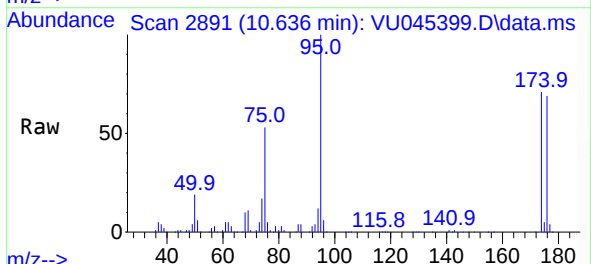
Manual Integrations
APPROVED

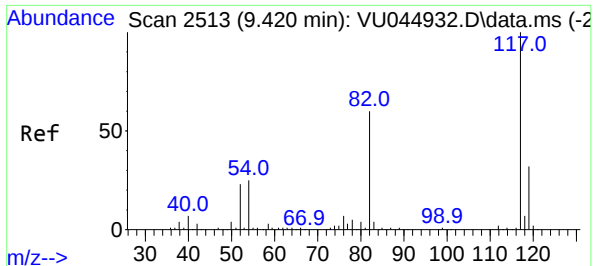
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#62
4-Bromofluorobenzene
Concen: 48.195 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

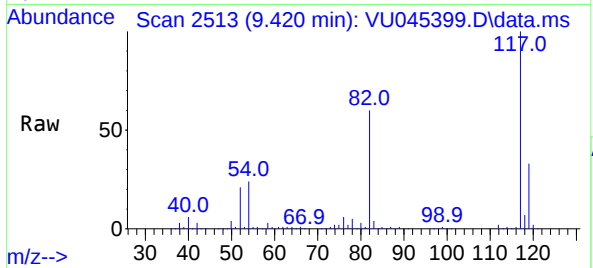
Tgt Ion: 95 Resp: 161510
Ion Ratio Lower Upper
95 100
174 71.5 0.0 146.6
176 69.1 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

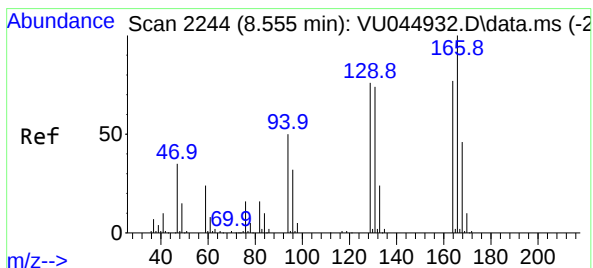
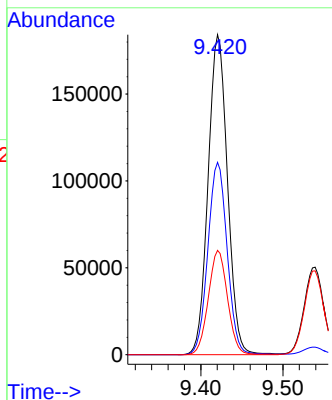
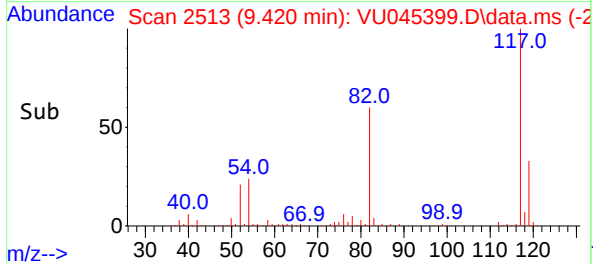
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 303100
Ion Ratio Lower Upper
117 100
82 60.1 47.8 71.8
119 32.6 25.8 38.6

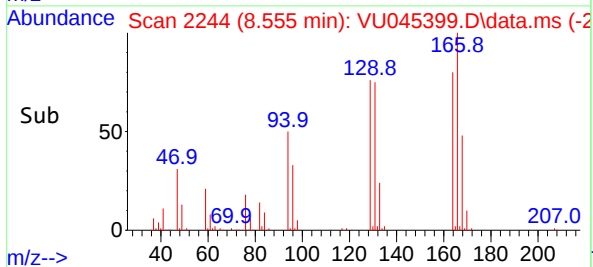
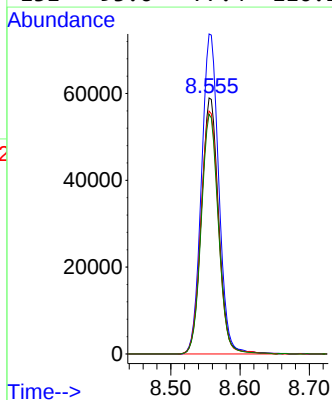
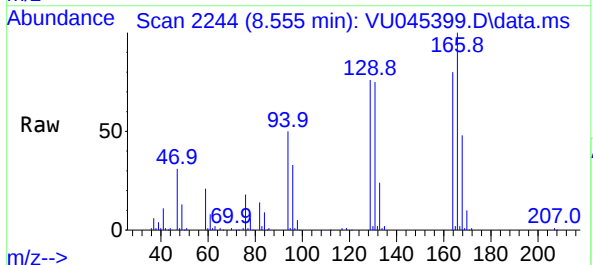
Manual Integrations
APPROVED

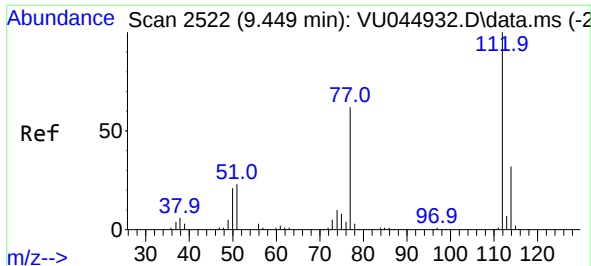
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#64
Tetrachloroethene
Concen: 51.387 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

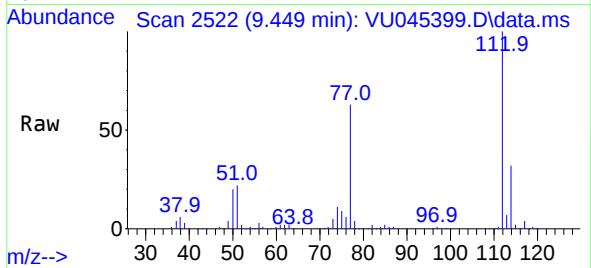
Tgt Ion:164 Resp: 101657
Ion Ratio Lower Upper
164 100
166 125.0 102.8 154.2
129 94.9 79.4 119.2
131 93.6 77.4 116.2





#65
Chlorobenzene
Concen: 51.319 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

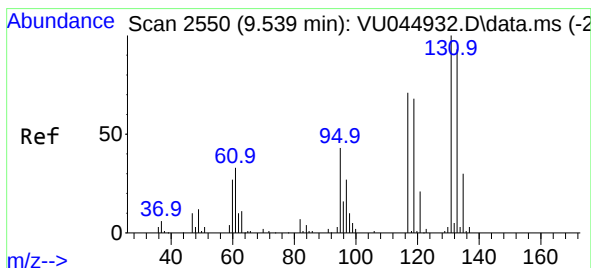
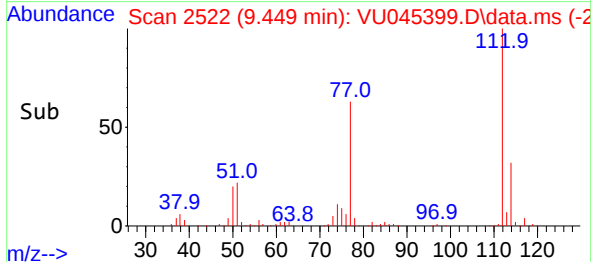
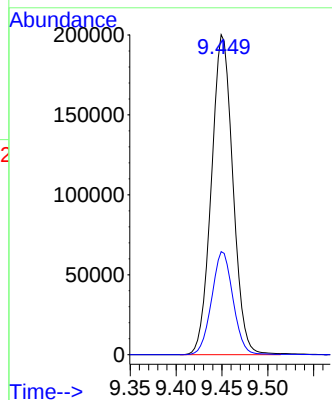
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 326120
Ion Ratio Lower Upper
112 100
114 32.2 25.9 38.9

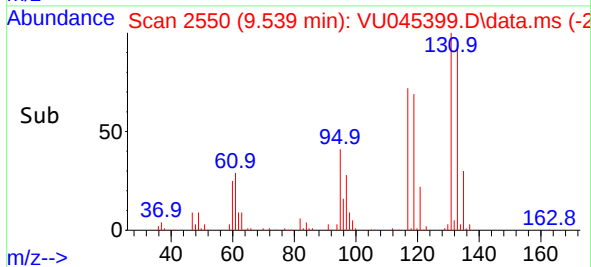
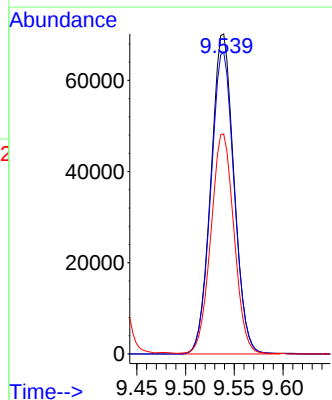
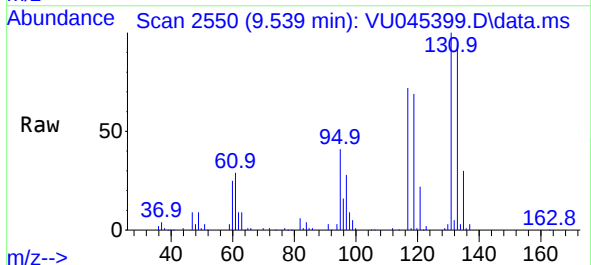
Manual Integrations
APPROVED

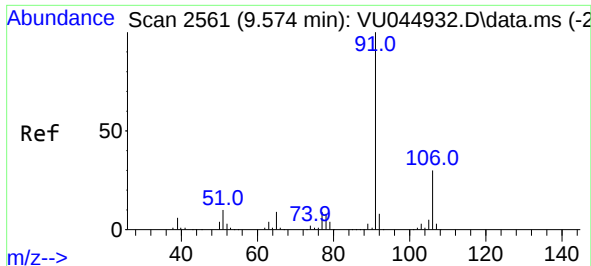
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 52.076 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

Tgt Ion:131 Resp: 115536
Ion Ratio Lower Upper
131 100
133 95.7 48.1 144.3
119 69.2 34.1 102.3





#67

Ethyl Benzene

Concen: 52.817 ug/l

RT: 9.575 min Scan# 2561

Delta R.T. 0.001 min

Lab File: VU045399.D

Acq: 26 Oct 2021 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 61762

Ion Ratio Lower Upper

91 100

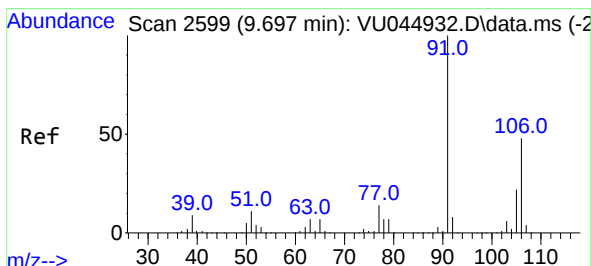
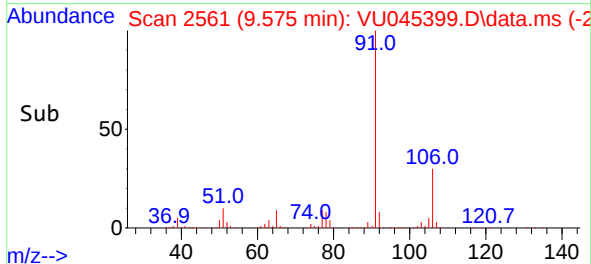
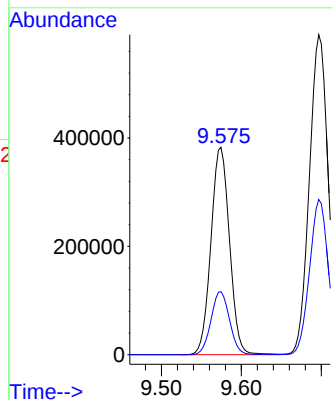
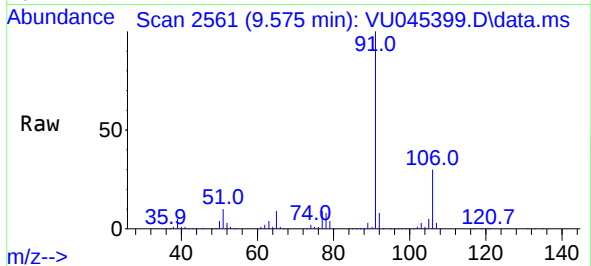
106 30.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#68

m/p-Xylenes

Concen: 103.894 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU045399.D

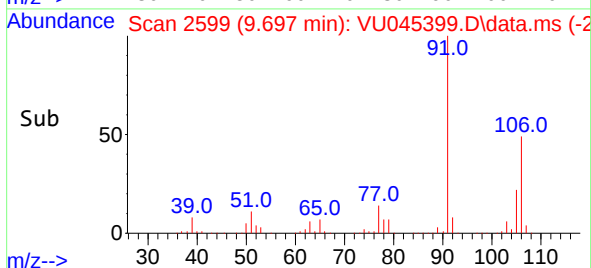
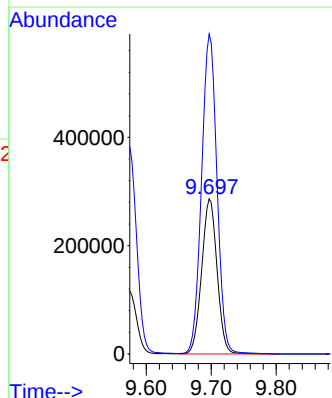
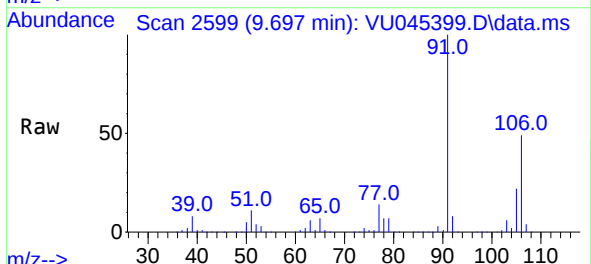
Acq: 26 Oct 2021 12:57

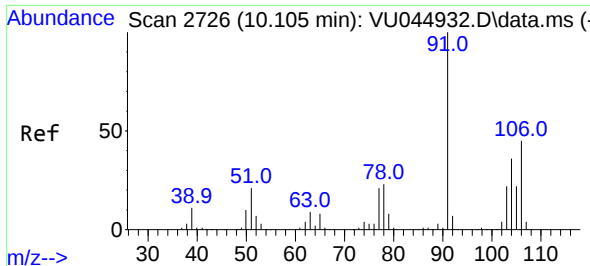
Tgt Ion:106 Resp: 471991

Ion Ratio Lower Upper

106 100

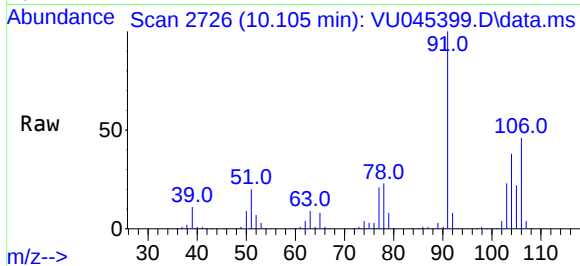
91 206.9 164.2 246.2





#69
o-Xylene
Concen: 51.714 ug/l
RT: 10.105 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

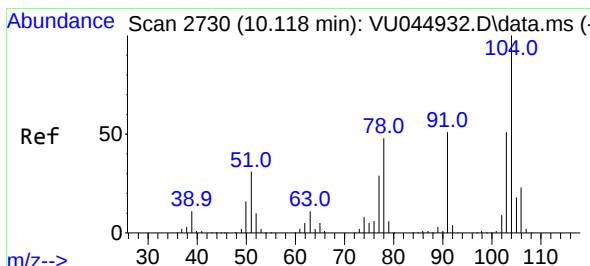
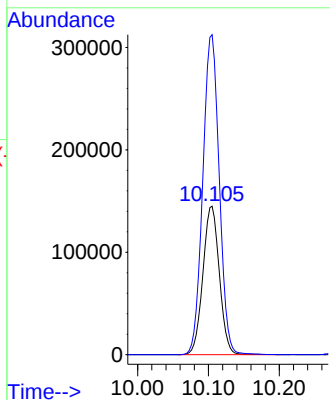
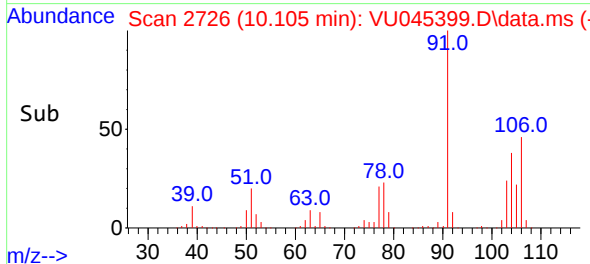
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



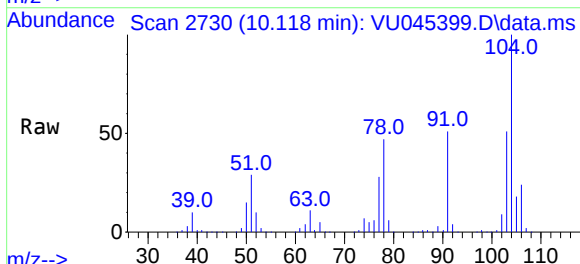
Tgt Ion:106 Resp: 233170
Ion Ratio Lower Upper
106 100
91 216.4 108.9 326.7

Manual Integrations
APPROVED

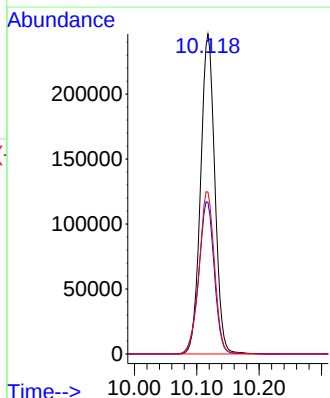
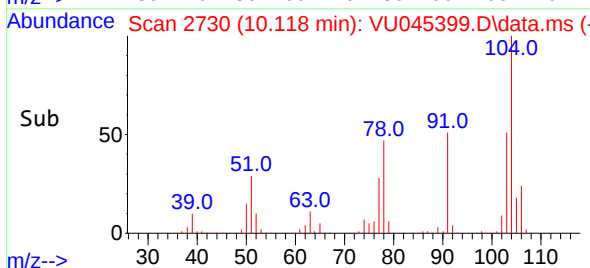
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

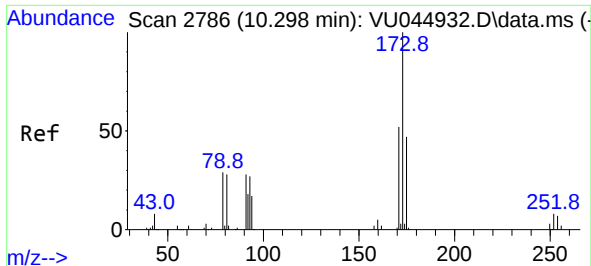


#70
Styrene
Concen: 51.806 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57



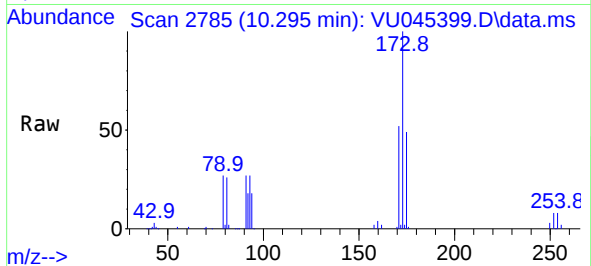
Tgt Ion:104 Resp: 391865
Ion Ratio Lower Upper
104 100
78 51.8 41.4 62.0
103 54.6 43.5 65.3





#71
Bromoform
Concen: 44.606 ug/l
RT: 10.295 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

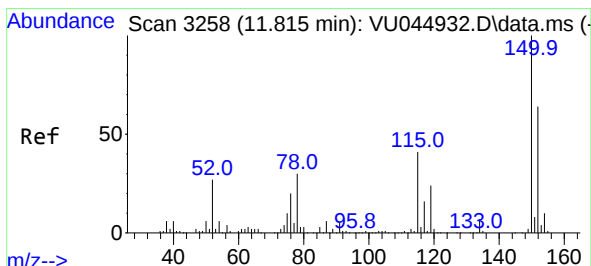
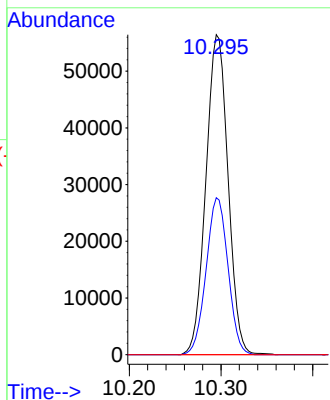
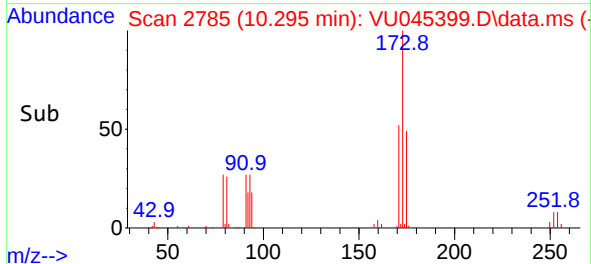
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



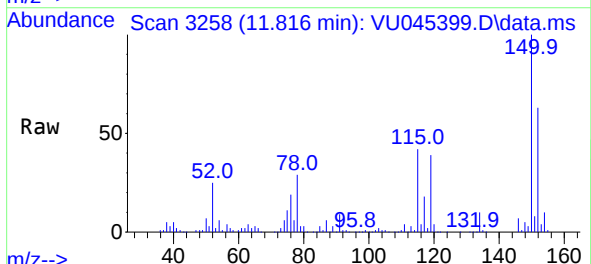
Tgt Ion:173 Resp: 94610
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

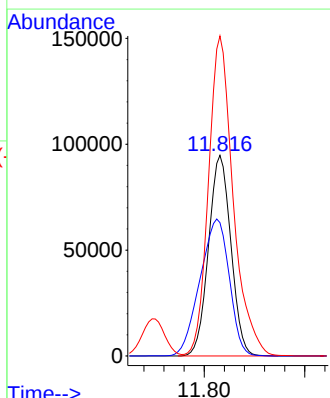
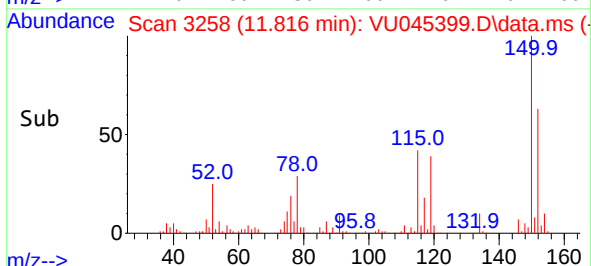
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

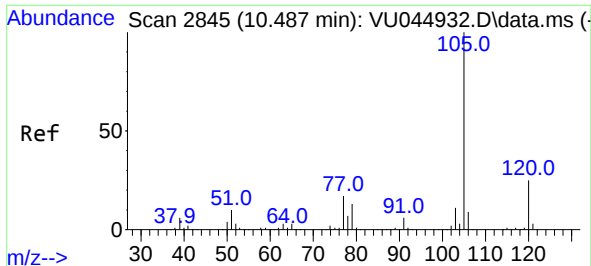


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57



Tgt Ion:152 Resp: 146307
Ion Ratio Lower Upper
152 100
115 89.4 43.5 130.7
150 176.5 0.0 350.0





#73
Isopropylbenzene
Concen: 55.092 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.001 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

Instrument :

MSVOA_U

ClientSampleId :

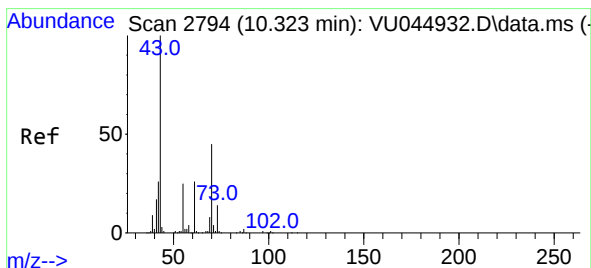
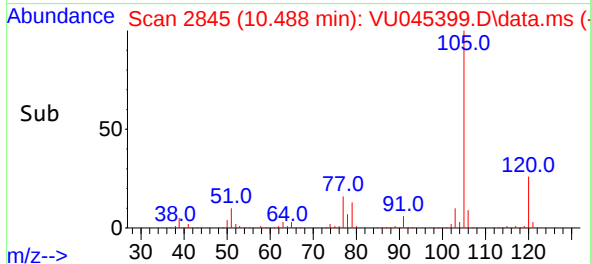
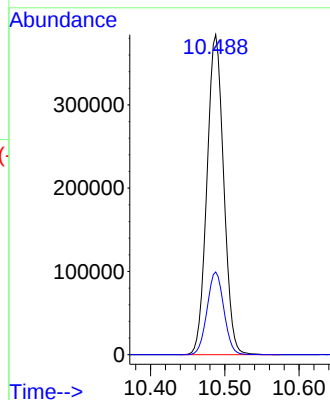
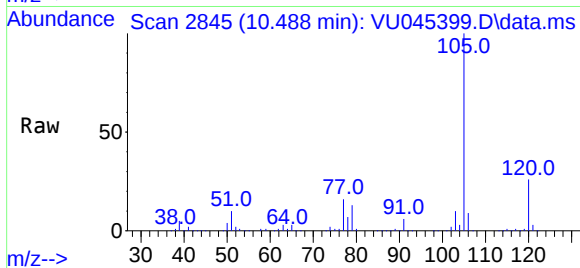
VSTDCCC050

Tgt Ion:105 Resp: 600248
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.3

Manual Integrations

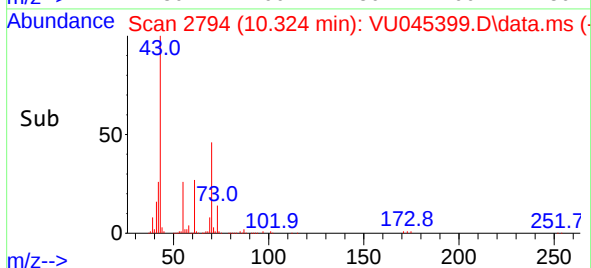
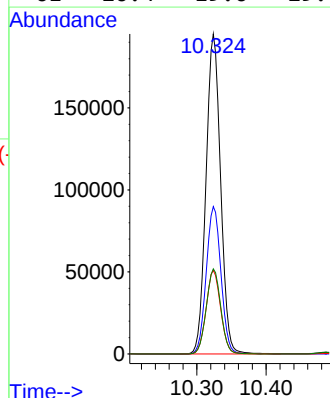
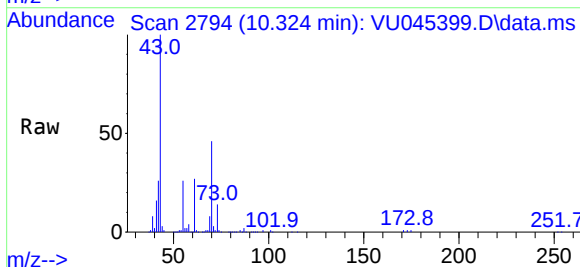
APPROVED

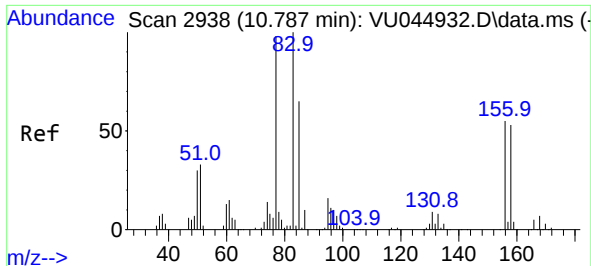
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#74
N-ethyl acetate
Concen: 51.754 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.001 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

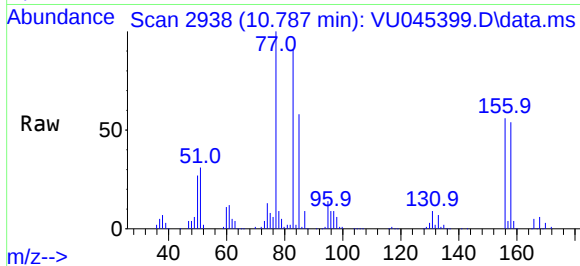
Tgt Ion: 43 Resp: 283921
Ion Ratio Lower Upper
43 100
70 46.6 35.1 52.7
55 26.1 20.5 30.7
61 26.4 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 48.425 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

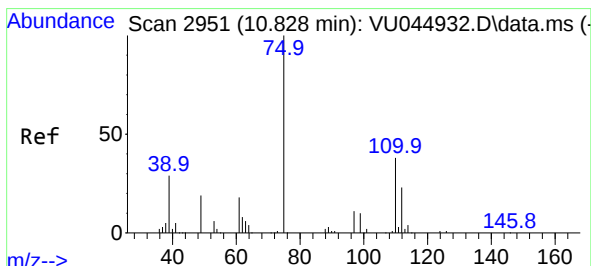
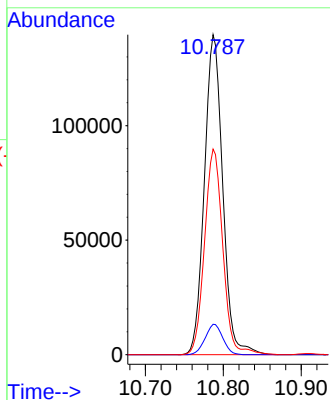
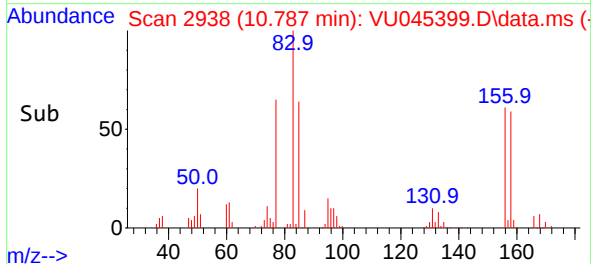
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



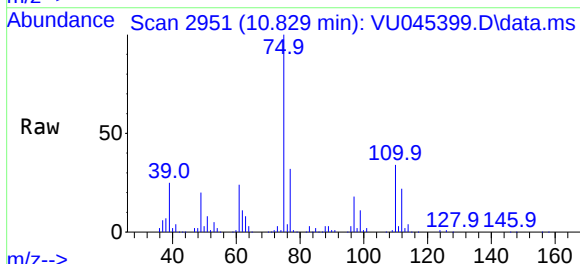
Tgt Ion: 83 Resp: 228284
Ion Ratio Lower Upper
83 100
131 9.1 4.3 13.1
85 64.2 31.9 95.5

Manual Integrations
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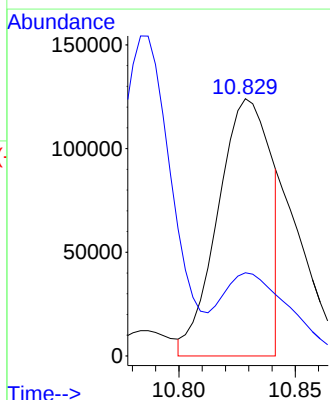
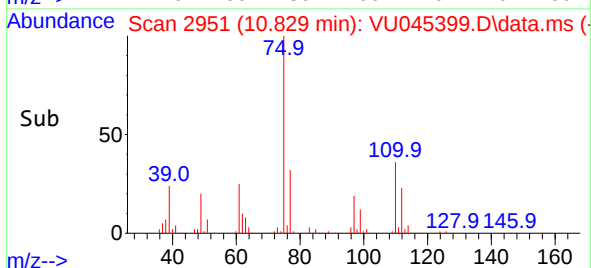
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

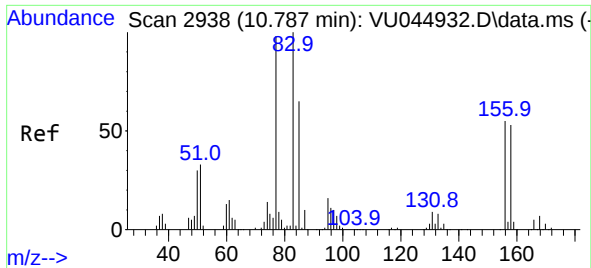


#76
1,2,3-Trichloropropane
Concen: 45.937 ug/l m
RT: 10.829 min Scan# 2951
Delta R.T. 0.001 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57



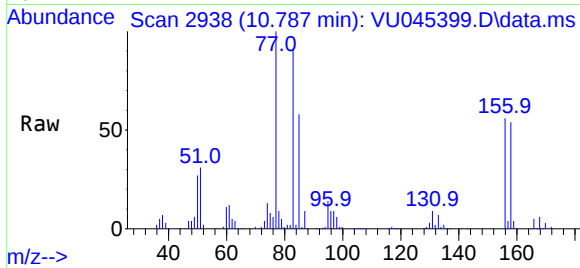
Tgt Ion: 75 Resp: 196035
Ion Ratio Lower Upper
75 100
77 41.6 17.9 53.7





#77
Bromobenzene
Concen: 52.641 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

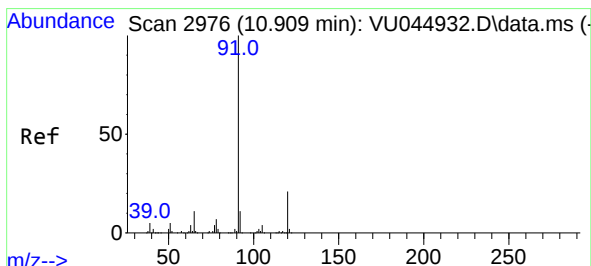
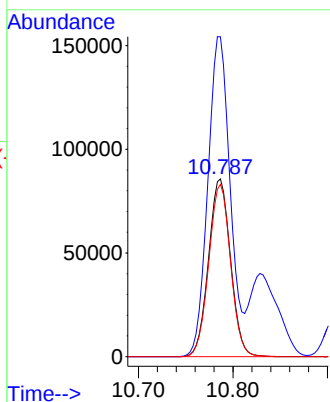
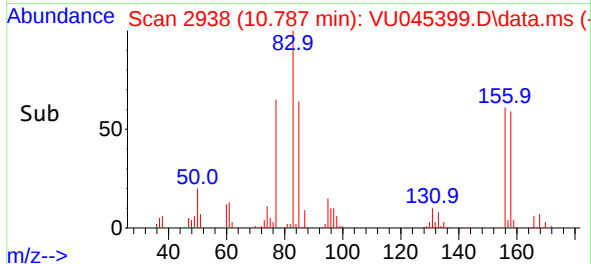
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



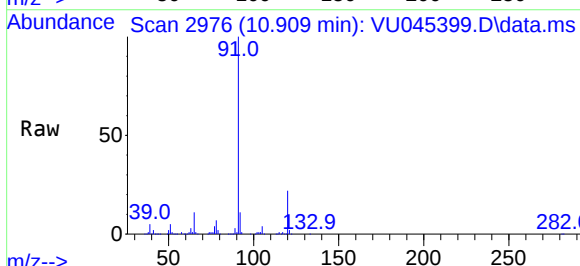
Tgt Ion:156 Resp: 138495
Ion Ratio Lower Upper
156 100
77 183.1 91.1 273.4
158 96.1 48.2 144.6

Manual Integrations
APPROVED

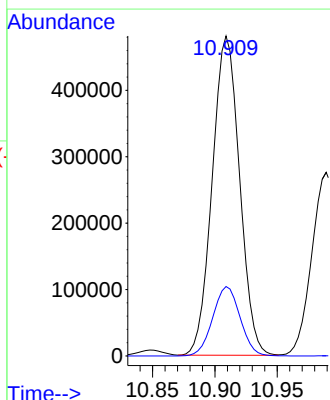
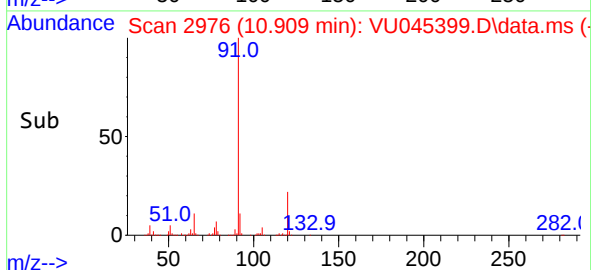
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

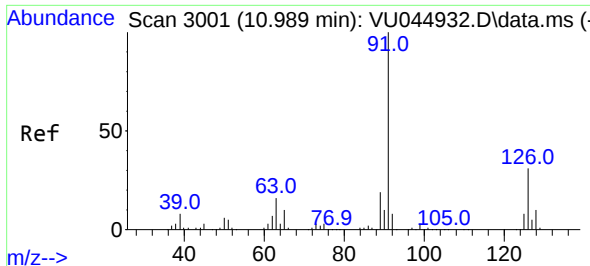


#78
n-propylbenzene
Concen: 55.245 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57



Tgt Ion: 91 Resp: 733502
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.4





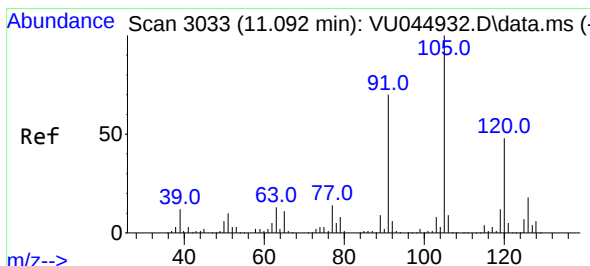
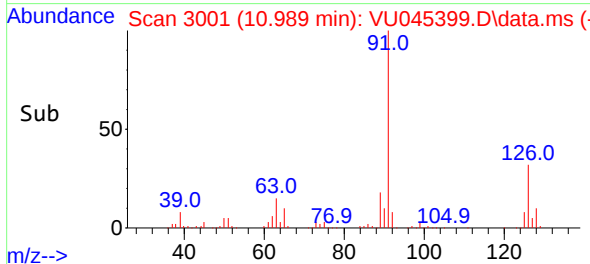
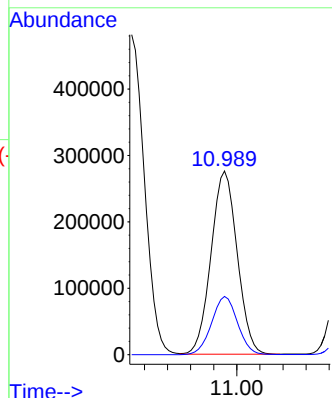
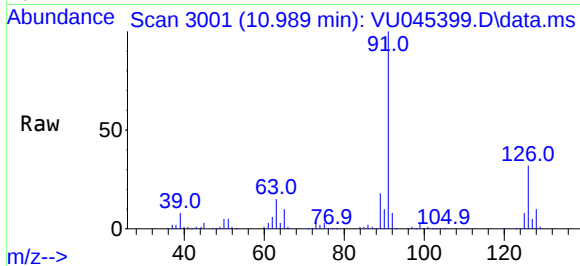
#79
2-Chlorotoluene
Concen: 52.069 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 433345
Ion Ratio Lower Upper
91 100
126 31.6 15.7 47.0

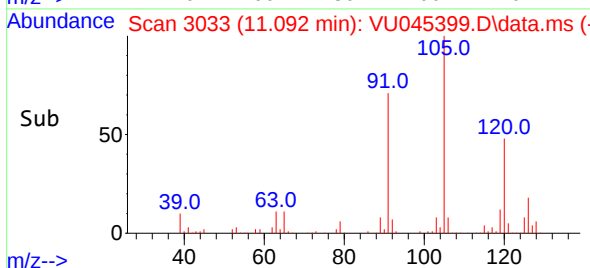
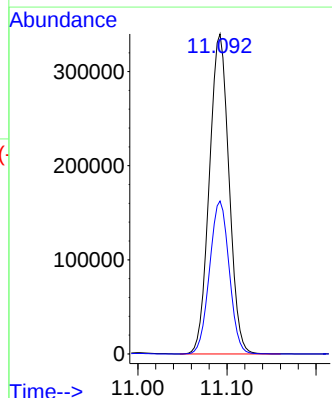
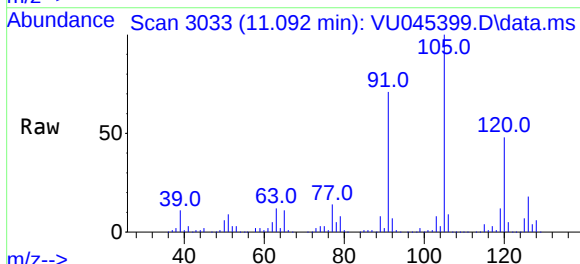
Manual Integrations
APPROVED

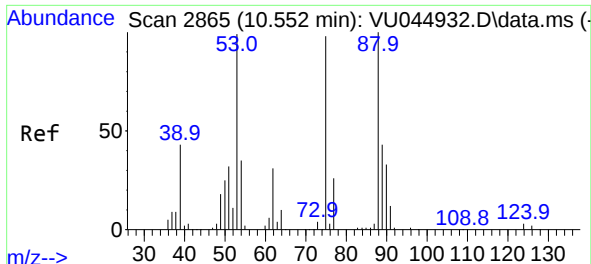
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#80
1,3,5-Trimethylbenzene
Concen: 54.374 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

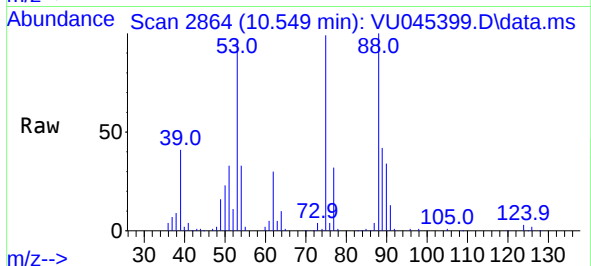
Tgt Ion:105 Resp: 518987
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 51.048 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.003 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

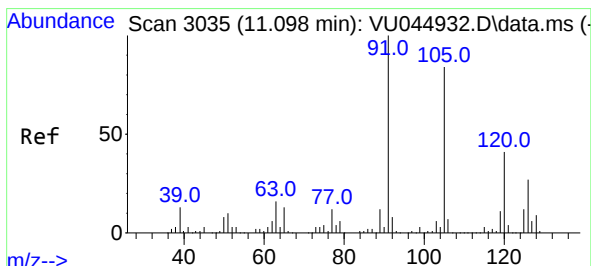
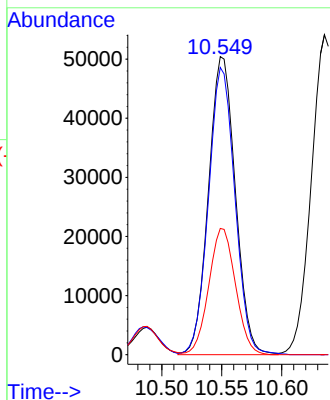
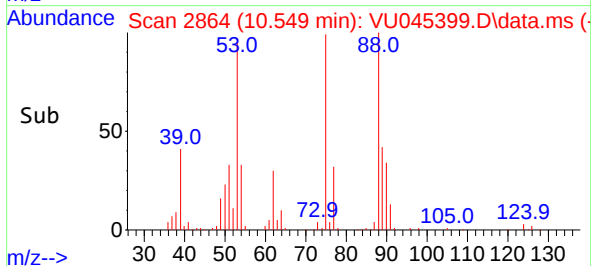
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



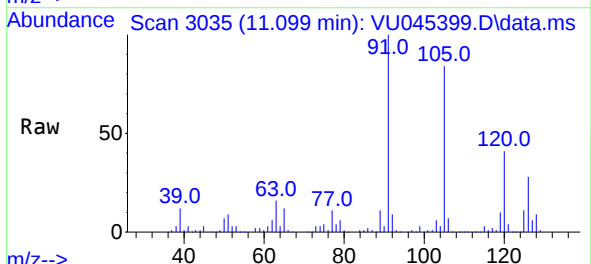
Tgt Ion: 75 Resp: 78499
Ion Ratio Lower Upper
75 100
53 94.9 82.0 123.0
89 42.2 34.2 51.4

Manual Integrations
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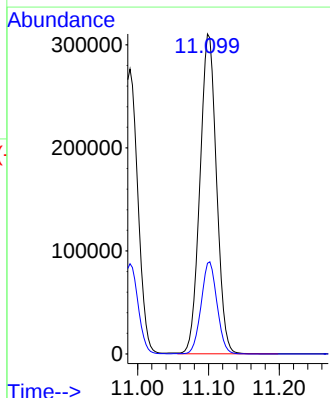
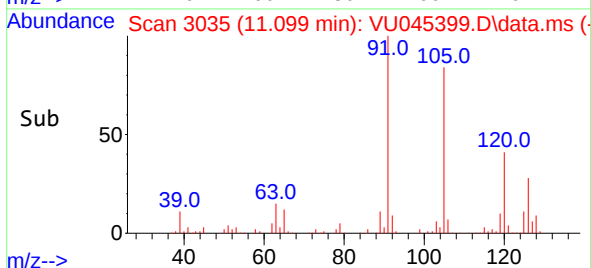
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

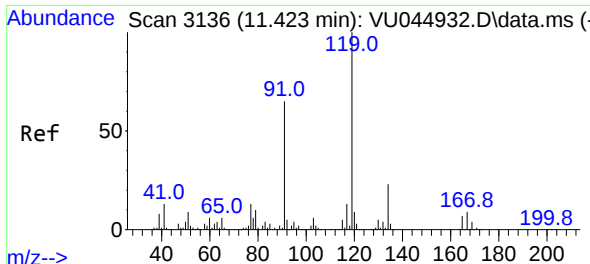


#82
4-Chlorotoluene
Concen: 53.446 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.001 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57



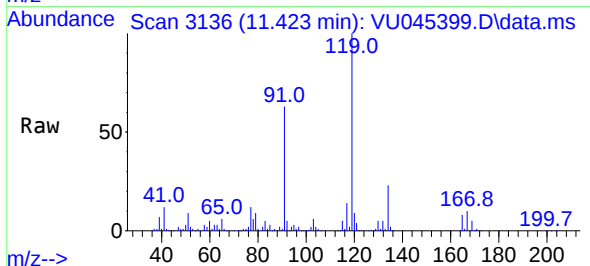
Tgt Ion: 91 Resp: 502773
Ion Ratio Lower Upper
91 100
126 27.6 13.8 41.4





#83
tert-Butylbenzene
Concen: 53.884 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

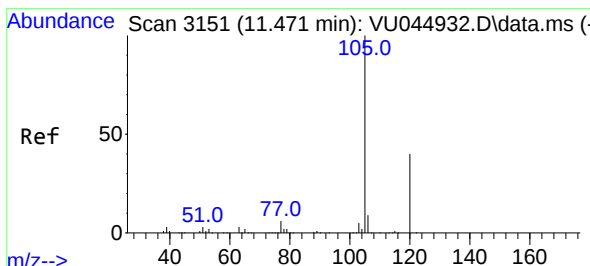
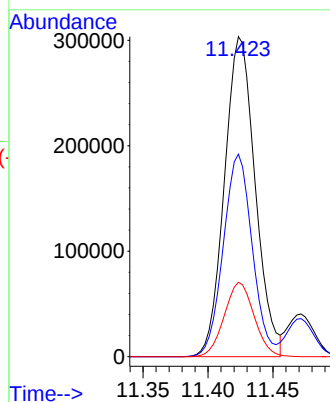
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 50024
Ion Ratio Lower Upper
119 100
91 59.6 30.4 91.2
134 22.5 11.5 34.5

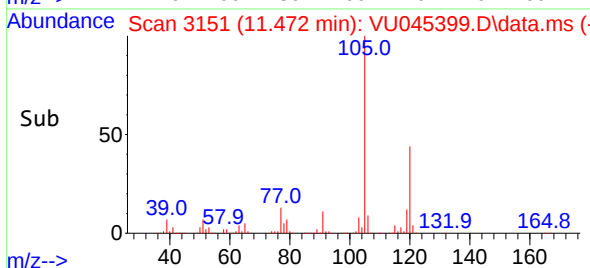
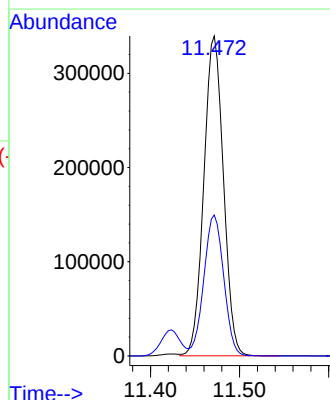
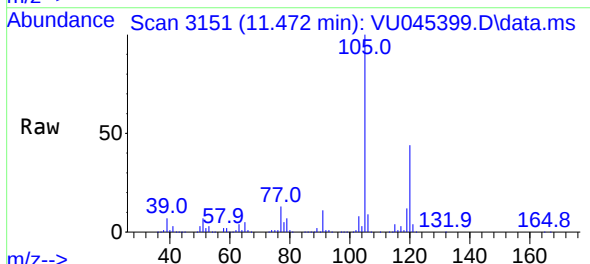
Manual Integrations
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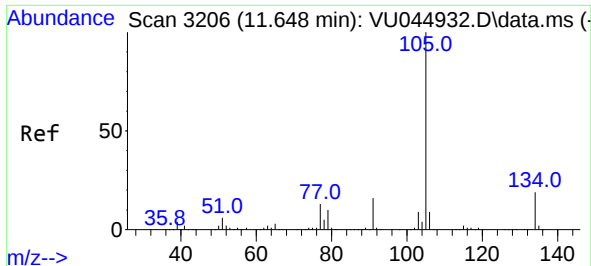
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#84
1,2,4-Trimethylbenzene
Concen: 54.848 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

Tgt Ion:105 Resp: 517919
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.3





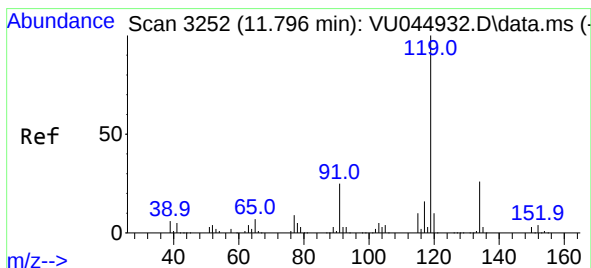
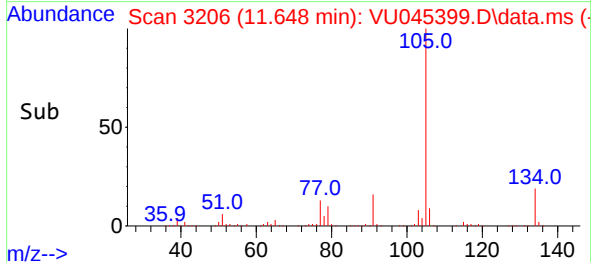
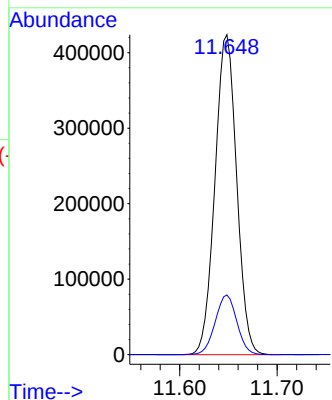
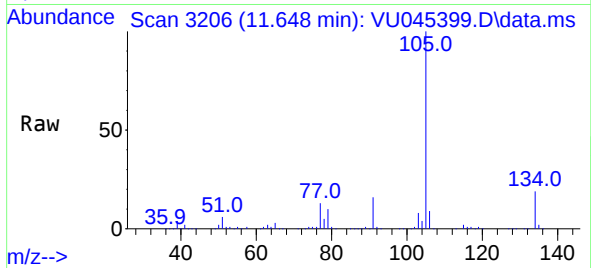
#85
 sec-Butylbenzene
 Concen: 54.813 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU045399.D
 Acq: 26 Oct 2021 12:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 655324
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.3 28.0

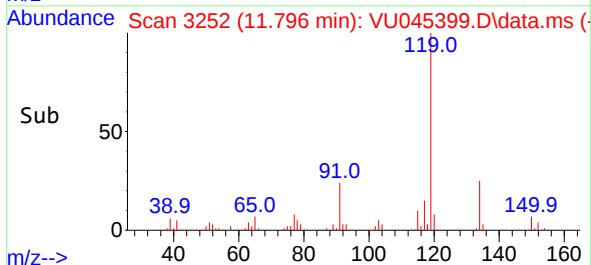
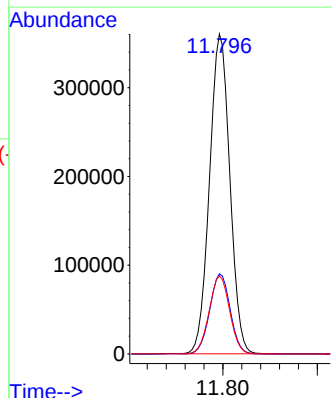
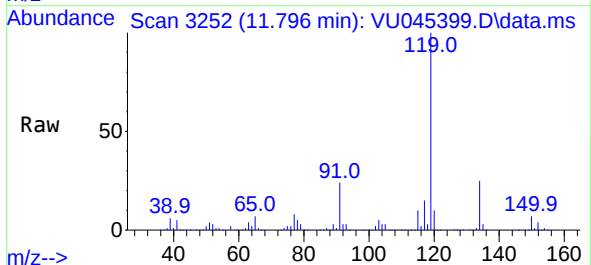
Manual Integrations
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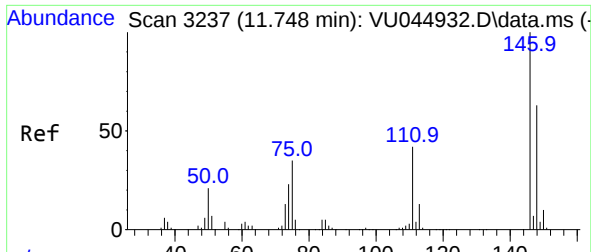
Reviewed By :John Carlone 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#86
 p-Isopropyltoluene
 Concen: 55.846 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045399.D
 Acq: 26 Oct 2021 12:57

Tgt Ion:119 Resp: 537082
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.3
 91 24.6 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 52.414 ug/l

RT: 11.748 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU045399.D

Acq: 26 Oct 2021 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

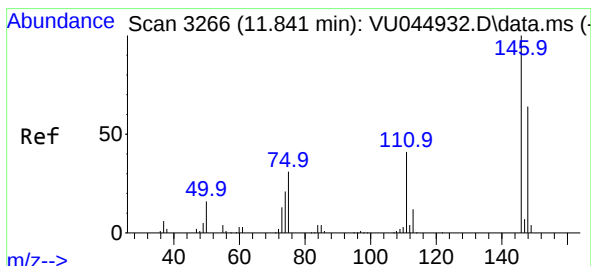
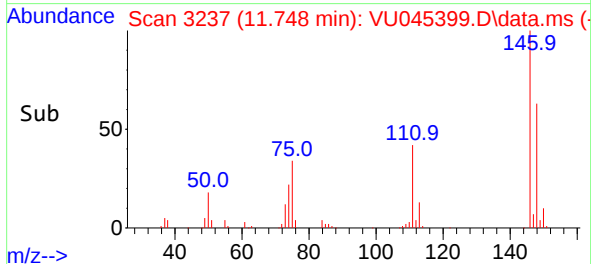
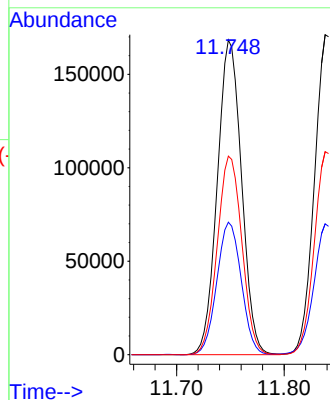
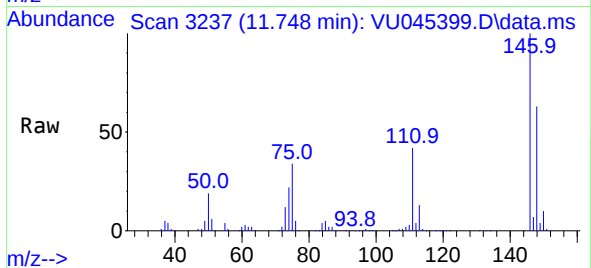
Tgt Ion:146 Resp: 264079
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.2 63.6
 148 64.1 32.1 96.3

Manual Integrations

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Reviewed By :John Carlone 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#88

1,4-Dichlorobenzene

Concen: 51.585 ug/l

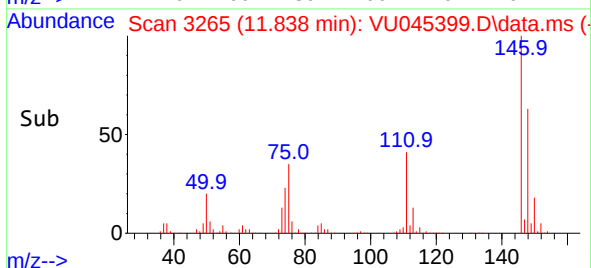
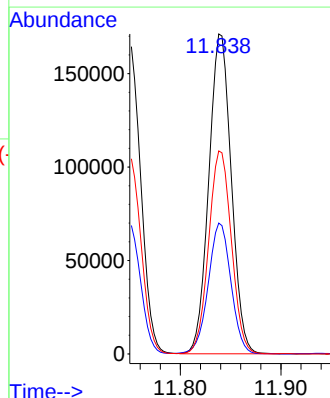
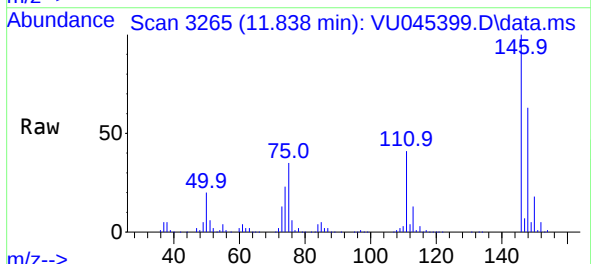
RT: 11.838 min Scan# 3265

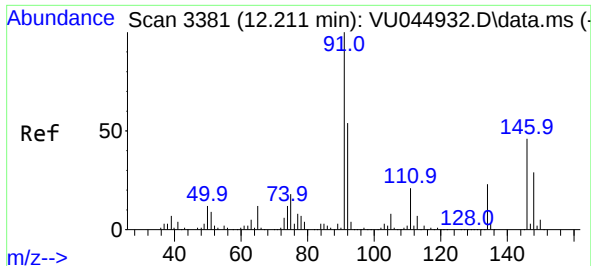
Delta R.T. -0.003 min

Lab File: VU045399.D

Acq: 26 Oct 2021 12:57

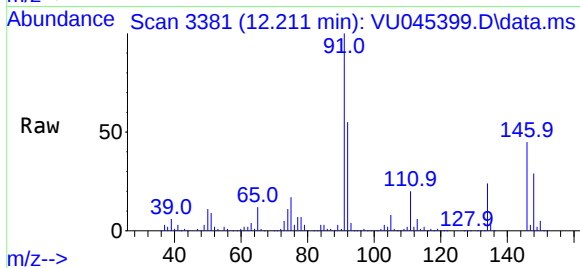
Tgt Ion:146 Resp: 265869
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.3 61.0
 148 64.2 31.8 95.3





#89
n-Butylbenzene
Concen: 57.489 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

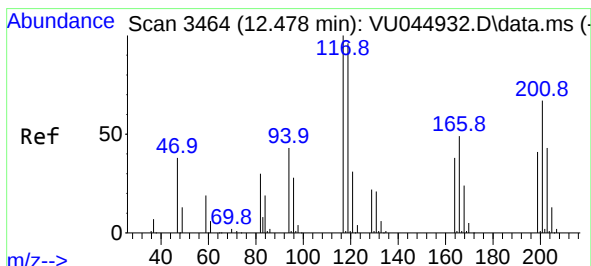
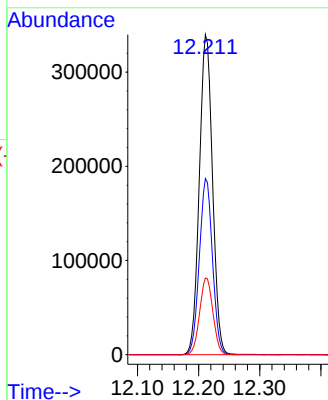
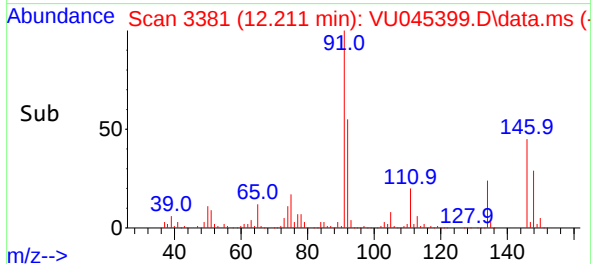
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 509238
Ion Ratio Lower Upper
91 100
92 54.7 26.8 80.4
134 24.0 11.8 35.4

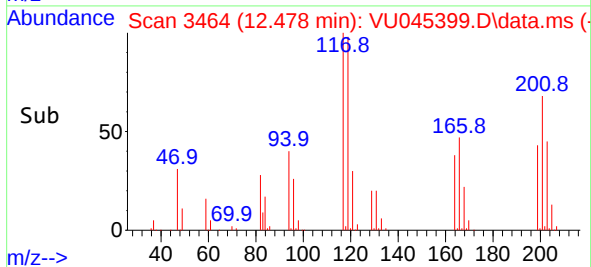
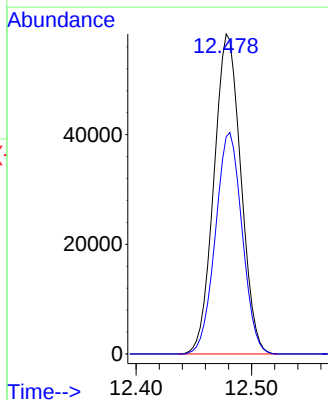
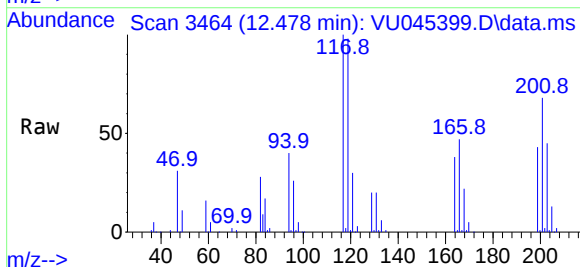
Manual Integrations
APPROVED

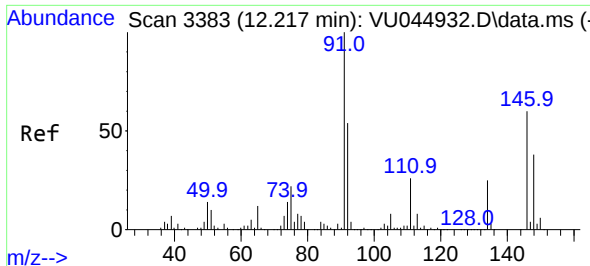
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#90
Hexachloroethane
Concen: 54.460 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

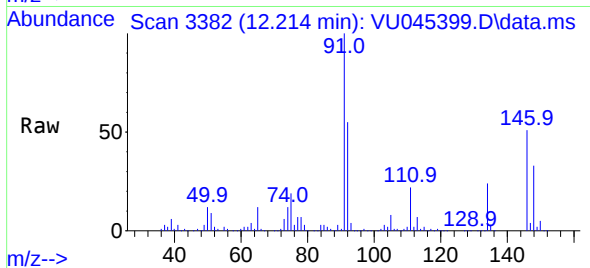
Tgt Ion:117 Resp: 94579
Ion Ratio Lower Upper
117 100
201 68.6 34.8 104.3





#91
1,2-Dichlorobenzene
Concen: 51.891 ug/l
RT: 12.214 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

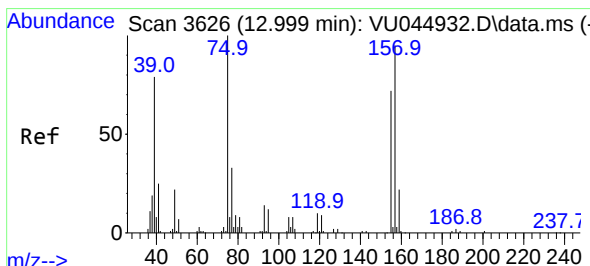
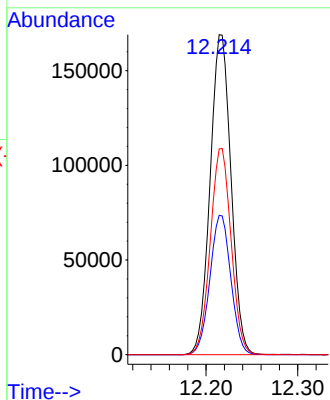
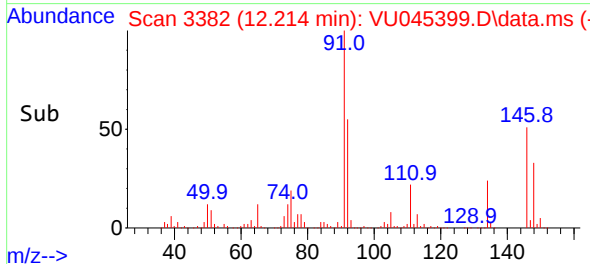
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



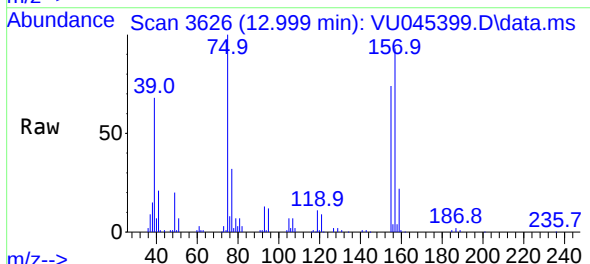
Tgt Ion:146 Resp: 267250
Ion Ratio Lower Upper
146 100
111 43.7 21.4 64.3
148 64.4 31.8 95.3

Manual Integrations
APPROVED

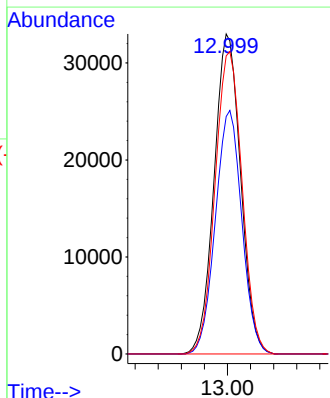
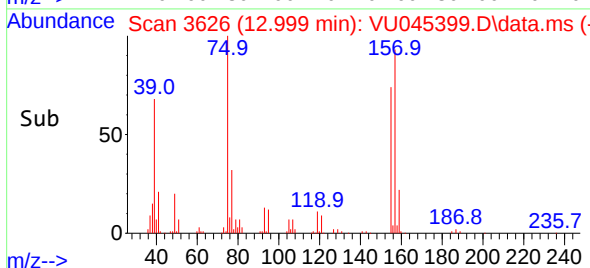
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

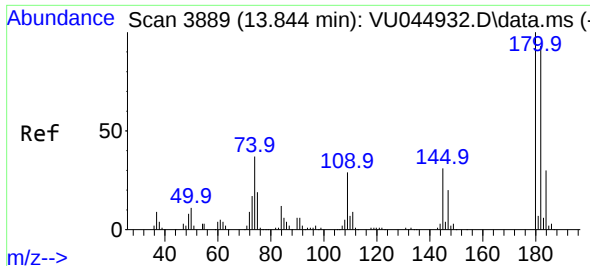


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.359 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57



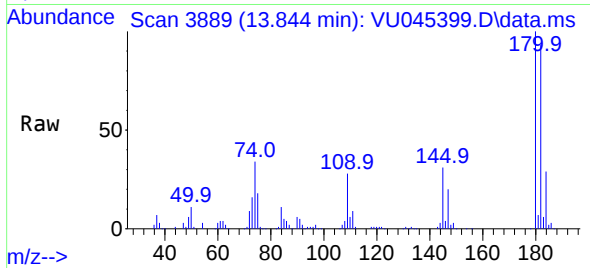
Tgt Ion: 75 Resp: 52679
Ion Ratio Lower Upper
75 100
155 75.9 36.9 110.6
157 95.9 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 60.810 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

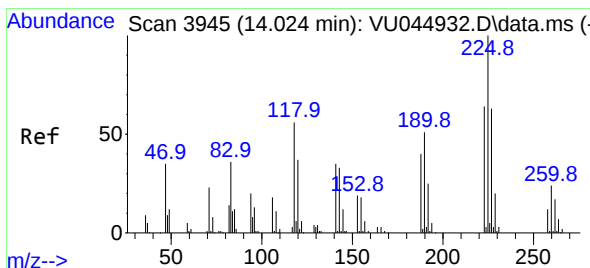
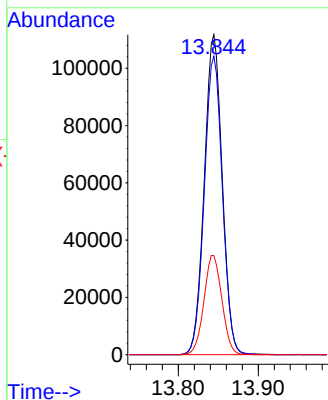
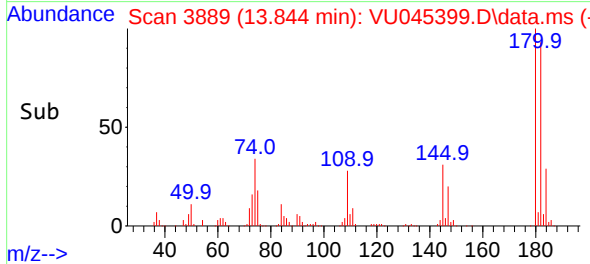
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



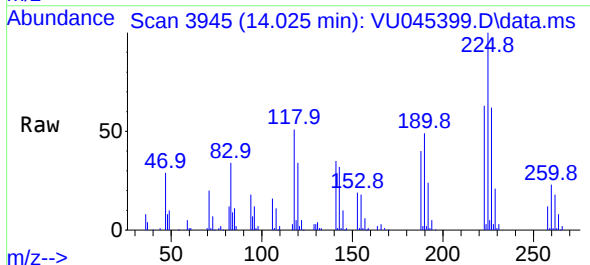
Tgt Ion:180 Resp: 17453
Ion Ratio Lower Upper
180 100
182 94.1 47.4 142.3
145 31.0 15.4 46.2

Manual Integrations
APPROVED

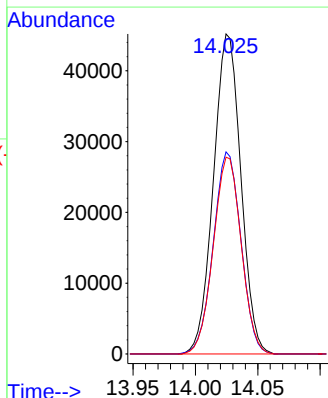
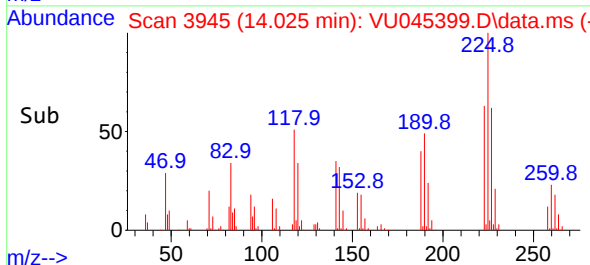
Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

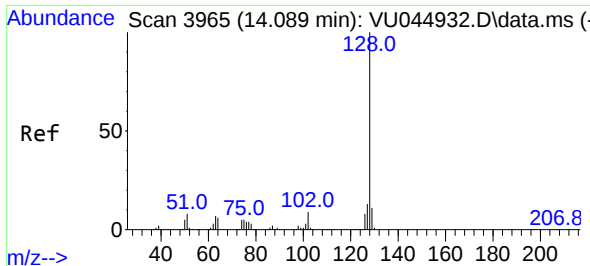


#94
Hexachlorobutadiene
Concen: 57.791 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.001 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57



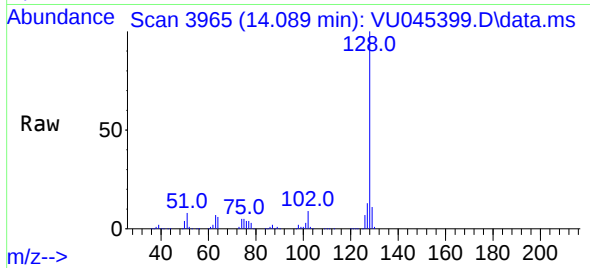
Tgt Ion:225 Resp: 69242
Ion Ratio Lower Upper
225 100
223 63.7 31.1 93.3
227 62.6 31.4 94.3





#95
Naphthalene
Concen: 57.217 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57

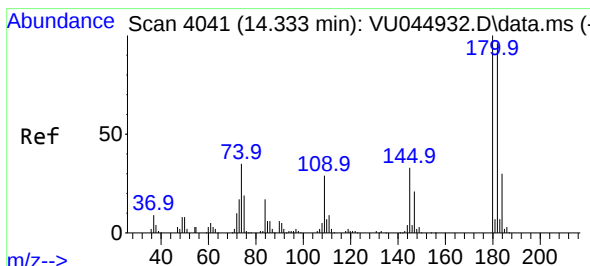
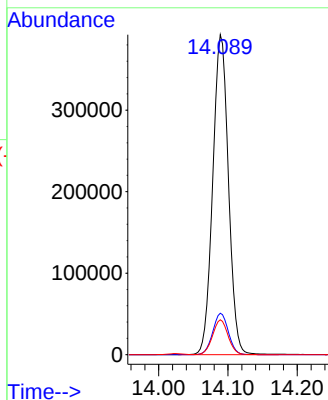
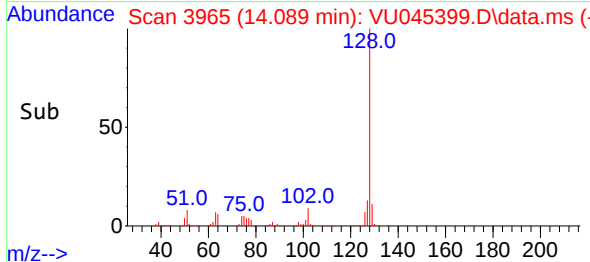
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



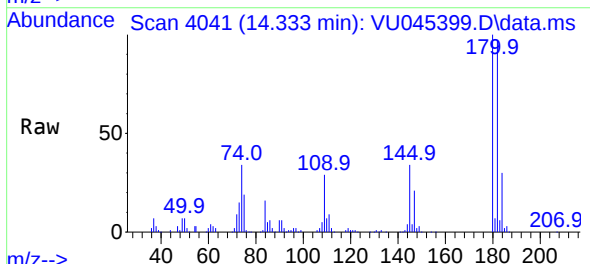
Tgt Ion:128 Resp: 61766
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#96
1,2,3-Trichlorobenzene
Concen: 60.838 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045399.D
Acq: 26 Oct 2021 12:57



Tgt Ion:180 Resp: 175368
Ion Ratio Lower Upper
180 100
182 96.2 47.1 141.4
145 33.1 16.4 49.2

