

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044932.D
 Acq On : 28 Sep 2021 11:24
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/29/2021
 Supervised By : Mahesh Dadoda 09/30/2021

Quant Time: Sep 28 11:57:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 11:55:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	152025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	275654	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	269218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	145874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	120624	46.193	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.380%		
35) Dibromofluoromethane	5.292	113	84572	45.571	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.140%		
50) Toluene-d8	7.902	98	335968	47.633	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.260%		
62) 4-Bromofluorobenzene	10.635	95	138862	51.619	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	100594	54.526	ug/l	99
3) Chloromethane	1.520	50	119856	43.952	ug/l	99
4) Vinyl Chloride	1.607	62	128969	49.924	ug/l	98
5) Bromomethane	1.832	94	48097	36.689	ug/l	99
6) Chloroethane	1.906	64	90869	44.772	ug/l	99
7) Trichlorofluoromethane	2.124	101	169527	52.857	ug/l	100
8) Diethyl Ether	2.378	74	76969	52.644	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.575	101	96226	51.714	ug/l	98
10) Methyl Iodide	2.719	142	109660	54.270	ug/l	97
11) Tert butyl alcohol	3.231	59	189093	243.217	ug/l	100
12) 1,1-Dichloroethene	2.575	96	95721	51.843	ug/l	95
13) Acrolein	2.488	56	34090	166.863	ug/l	99
14) Allyl chloride	2.922	41	176824	49.891	ug/l	96
15) Acrylonitrile	3.317	53	385791	241.196	ug/l	99
16) Acetone	2.632	43	392344	258.520	ug/l	99
17) Carbon Disulfide	2.790	76	273663	52.476	ug/l	99
18) Methyl Acetate	2.948	43	230358	46.602	ug/l	98
19) Methyl tert-butyl Ether	3.366	73	370933	53.779	ug/l	98
20) Methylene Chloride	3.047	84	115381	47.537	ug/l	96
21) trans-1,2-Dichloroethene	3.353	96	102782	52.129	ug/l	99
22) Diisopropyl ether	3.999	45	361800	51.566	ug/l	92
23) Vinyl Acetate	3.957	43	1496048	260.439	ug/l	98
24) 1,1-Dichloroethane	3.870	63	204749	50.318	ug/l	99
25) 2-Butanone	4.710	43	573759	253.345	ug/l	98
26) 2,2-Dichloropropane	4.668	77	174762	55.839	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	122434	51.066	ug/l	99
28) Bromochloromethane	4.976	49	84005	44.394	ug/l	95
29) Tetrahydrofuran	5.054	42	339101	241.051	ug/l	95
30) Chloroform	5.092	83	207873	50.469	ug/l	100
31) Cyclohexane	5.388	56	192826	50.167	ug/l	97
32) 1,1,1-Trichloroethane	5.317	97	172036	51.644	ug/l	99
36) 1,1-Dichloropropene	5.526	75	153696	52.259	ug/l	99
37) Ethyl Acetate	4.806	43	200392	47.245	ug/l	98
38) Carbon Tetrachloride	5.526	117	135385	51.818	ug/l	100
39) Methylcyclohexane	6.764	83	190907	56.783	ug/l	97
40) Benzene	5.777	78	455307	50.931	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	107480	50.630	ug/l	97
42) 1,2-Dichloroethane	5.796	62	179073	50.809	ug/l	100
43) Isopropyl Acetate	5.915	43	306064	50.933	ug/l	99
44) Trichloroethene	6.546	130	106714	49.593	ug/l	100
45) 1,2-Dichloropropane	6.793	63	120319	50.242	ug/l	97
46) Dibromomethane	6.922	93	81993	51.200	ug/l	99
47) Bromodichloromethane	7.108	83	160534	50.915	ug/l	100
48) Methyl methacrylate	6.964	41	149439	52.693	ug/l	95
49) 1,4-Dioxane	6.973	88	77428	1070.358	ug/l	95
51) 4-Methyl-2-Pentanone	7.799	43	1137193	264.459	ug/l	98
52) Toluene	7.973	92	287286	53.475	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	187534	56.244	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	192755	53.828	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	118576	51.734	ug/l	98
56) Ethyl methacrylate	8.340	69	216361	58.796	ug/l	99
57) 1,3-Dichloropropane	8.578	76	211151	51.765	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	321881	367.707	ug/l	97
59) 2-Hexanone	8.693	43	948913	272.879	ug/l	98
60) Dibromochloromethane	8.816	129	117927	53.551	ug/l	99
61) 1,2-Dibromoethane	8.928	107	128399	53.102	ug/l	100
64) Tetrachloroethene	8.555	164	91889	50.617	ug/l	99
65) Chlorobenzene	9.449	112	297028	52.702	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	106104	52.818	ug/l	99
67) Ethyl Benzene	9.574	91	562185	55.730	ug/l	99
68) m/p-Xylenes	9.697	106	433589	112.497	ug/l	99
69) o-Xylene	10.105	106	216459	57.711	ug/l	98
70) Styrene	10.118	104	373206	59.142	ug/l	99
71) Bromoform	10.298	173	94954	56.280	ug/l #	99
73) Isopropylbenzene	10.487	105	563214	54.175	ug/l	100
74) N-amyl acetate	10.323	43	294053	55.272	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	246202	51.526	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	227825m	51.128	ug/l	
77) Bromobenzene	10.787	156	135258	54.051	ug/l	100
78) n-propylbenzene	10.909	91	702310	55.559	ug/l	100
79) 2-Chlorotoluene	10.989	91	425124	54.982	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	506264	57.127	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	81582	57.836	ug/l	99
82) 4-Chlorotoluene	11.098	91	493383	55.992	ug/l	99
83) tert-Butylbenzene	11.423	119	488288	56.805	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	509369	58.172	ug/l	99
85) sec-Butylbenzene	11.648	105	639897	57.774	ug/l	100
86) p-Isopropyltoluene	11.796	119	526026	58.375	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	263701	54.128	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	264651	52.678	ug/l	99
89) n-Butylbenzene	12.211	91	485890	58.573	ug/l	100
90) Hexachloroethane	12.478	117	91268	55.712	ug/l	99
91) 1,2-Dichlorobenzene	12.217	146	268185	52.118	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	59015	51.670	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	152416	54.175	ug/l	99
94) Hexachlorobutadiene	14.024	225	62550	50.301	ug/l	99
95) Naphthalene	14.089	128	566776	57.889	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	151534	53.412	ug/l	99

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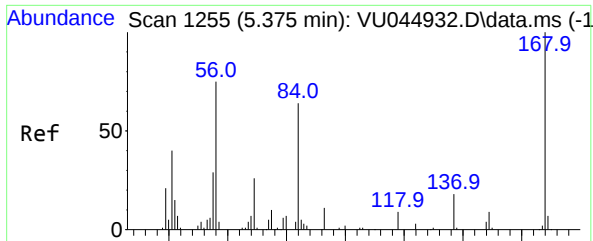
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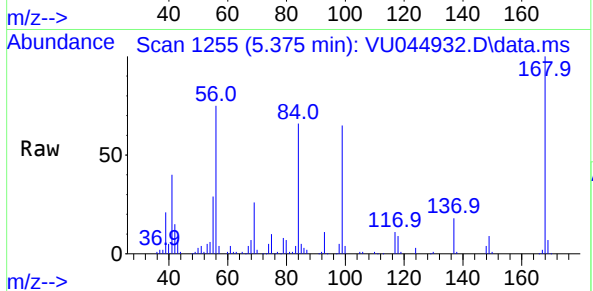
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
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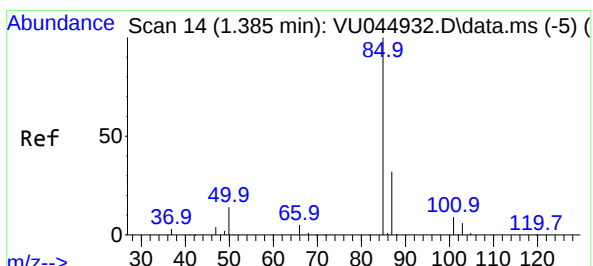
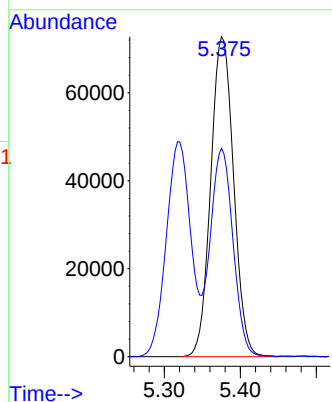
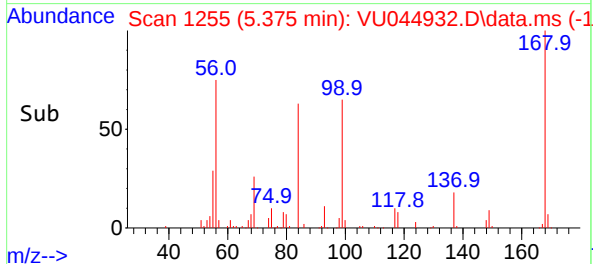
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 152029
Ion Ratio Lower Upper
168 100
99 65.0 51.4 77.0

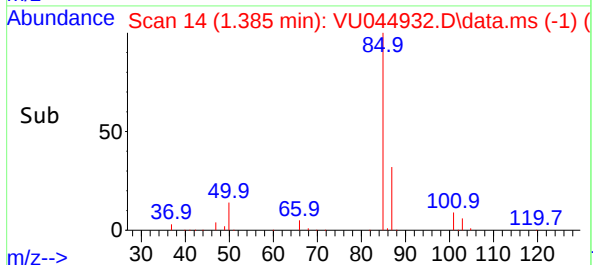
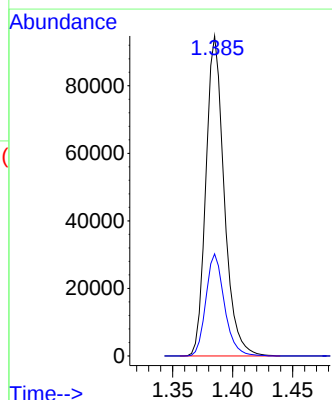
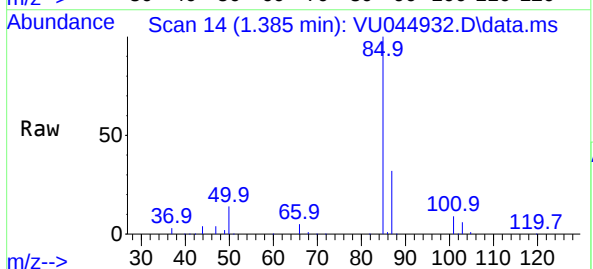
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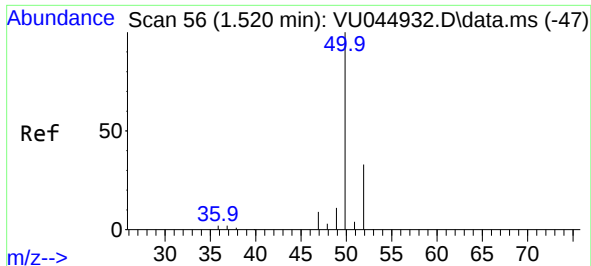
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#2
Dichlorodifluoromethane
Concen: 54.526 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

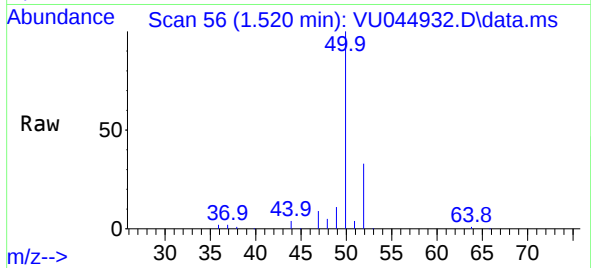
Tgt Ion: 85 Resp: 100594
Ion Ratio Lower Upper
85 100
87 31.9 15.7 47.0





#3
Chloromethane
Concen: 43.952 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

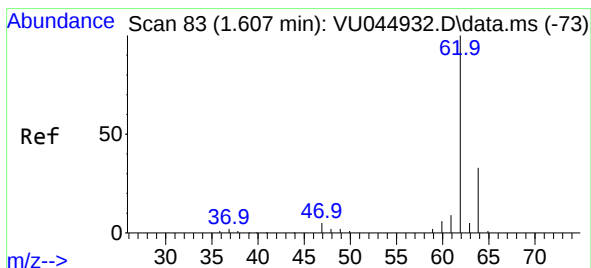
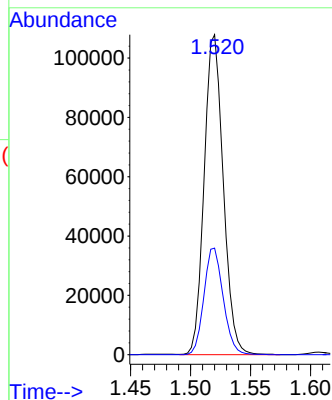
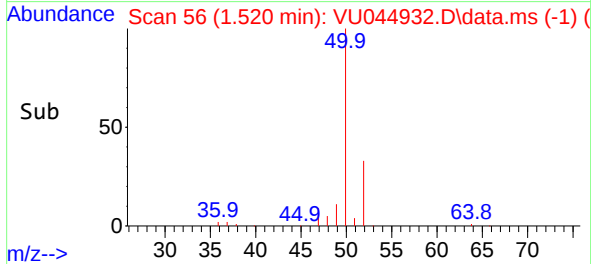
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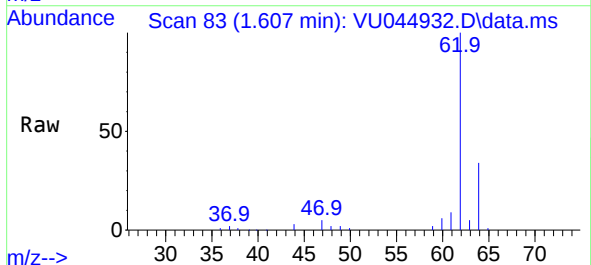
Tgt Ion: 50 Resp: 119850
Ion Ratio Lower Upper
50 100
52 33.3 26.3 39.5

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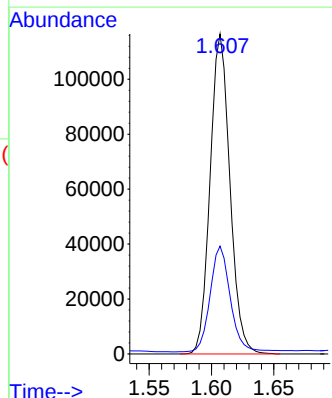
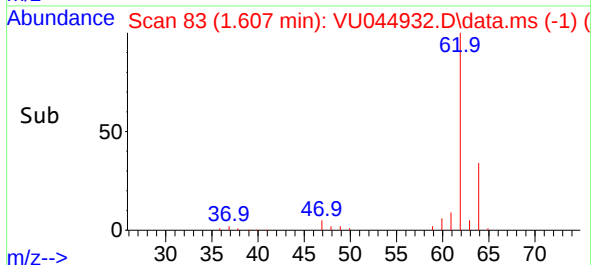
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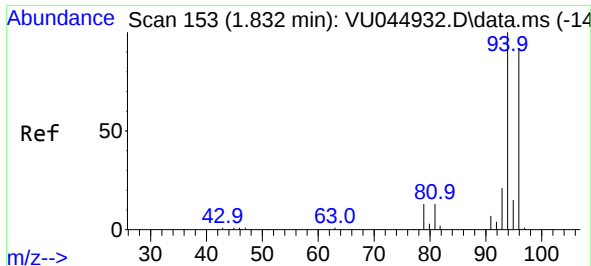


#4
Vinyl Chloride
Concen: 49.924 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24



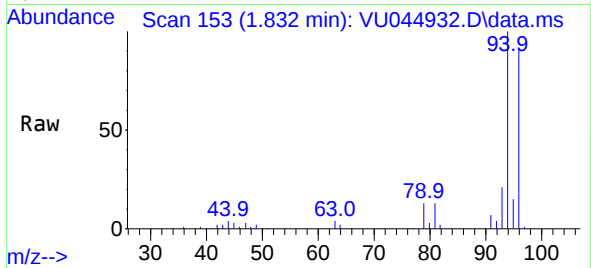
Tgt Ion: 62 Resp: 128969
Ion Ratio Lower Upper
62 100
64 33.0 25.6 38.4





#5
Bromomethane
Concen: 36.689 ug/l
RT: 1.832 min Scan# 153
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

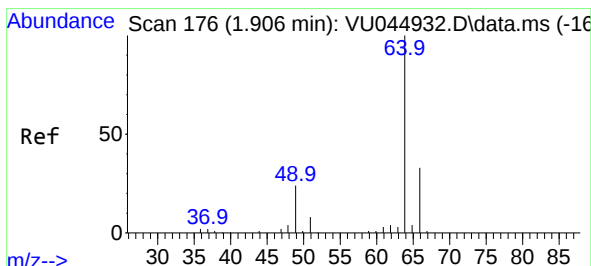
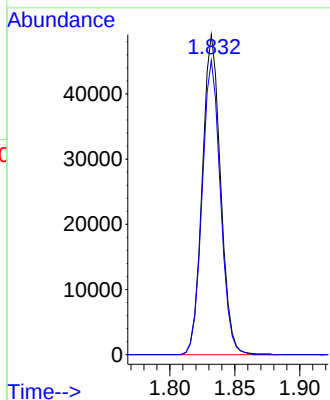
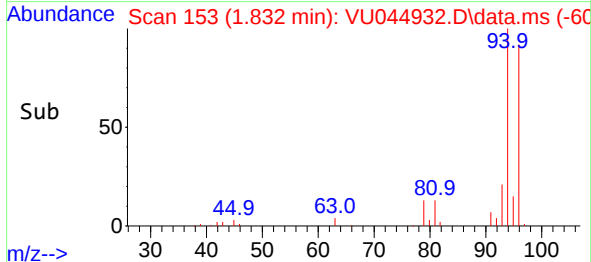
Instrument :
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Tgt Ion: 94 Resp: 4809
Ion Ratio Lower Upper
94 100
96 91.9 74.5 111.7

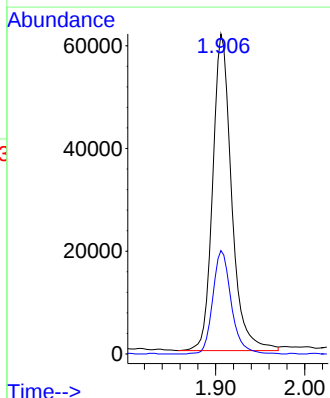
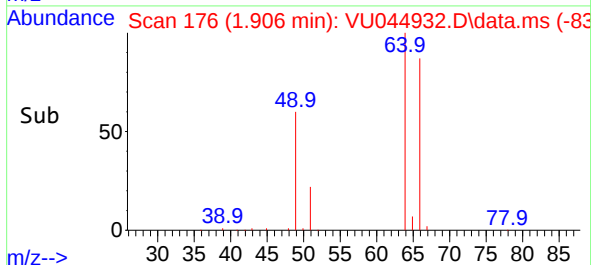
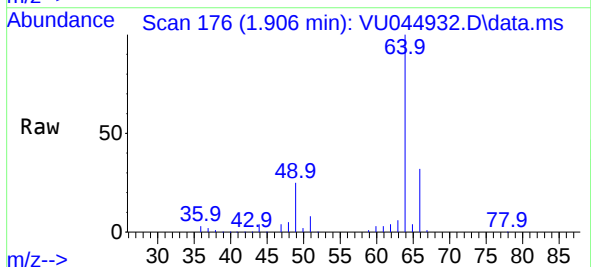
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#6
Chloroethane
Concen: 44.772 ug/l
RT: 1.906 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

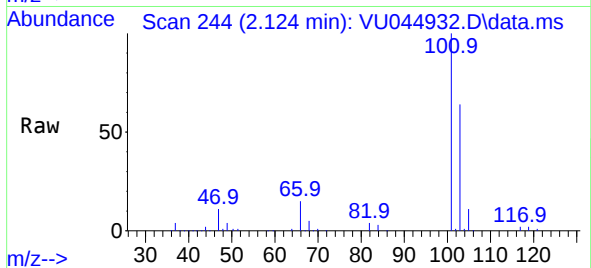
Tgt Ion: 64 Resp: 90869
Ion Ratio Lower Upper
64 100
66 32.7 25.8 38.8





#7
Trichlorofluoromethane
Concen: 52.857 ug/l
RT: 2.124 min Scan# 244
Delta R.T. 0.000 min
Lab File: VU044932.D
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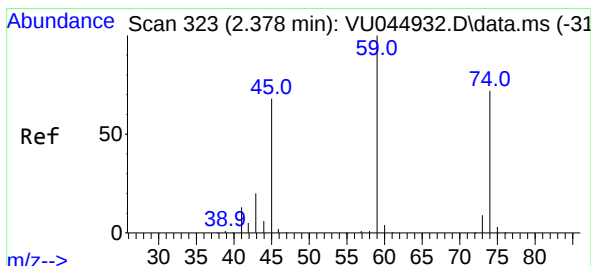
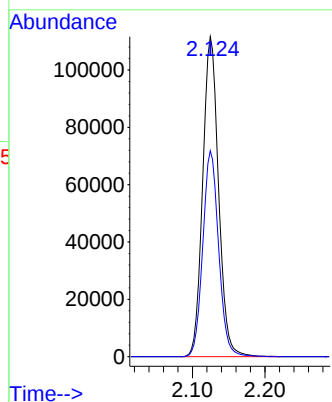
Instrument :
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Tgt Ion:101 Resp: 16952
Ion Ratio Lower Upper
101 100
103 64.4 51.2 76.8

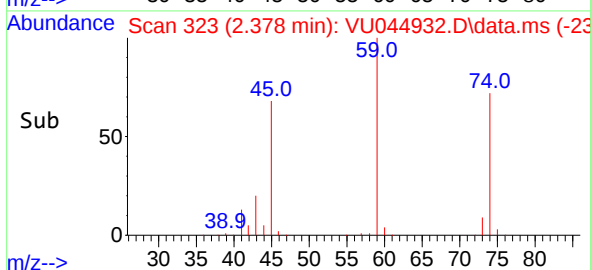
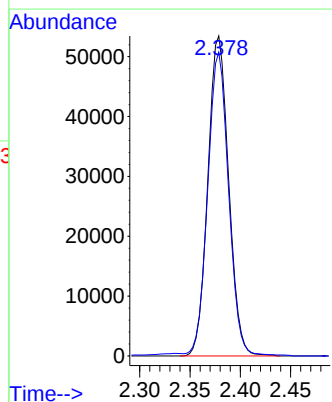
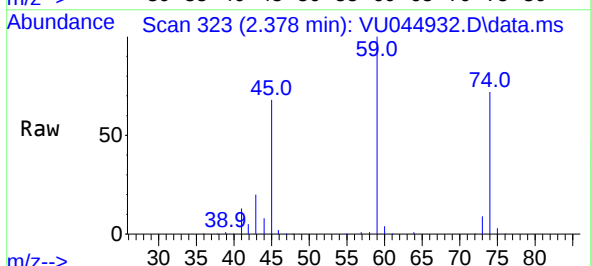
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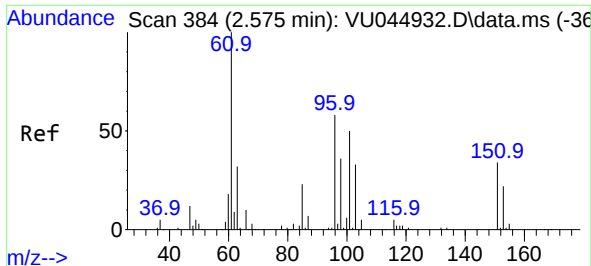
Reviewed By :John Carlone 09/29/2021
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#8
Diethyl Ether
Concen: 52.644 ug/l
RT: 2.378 min Scan# 323
Delta R.T. 0.000 min
Lab File: VU044932.D
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Tgt Ion: 74 Resp: 76969
Ion Ratio Lower Upper
74 100
45 95.5 52.2 156.6





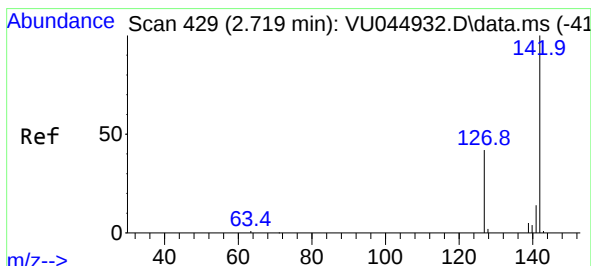
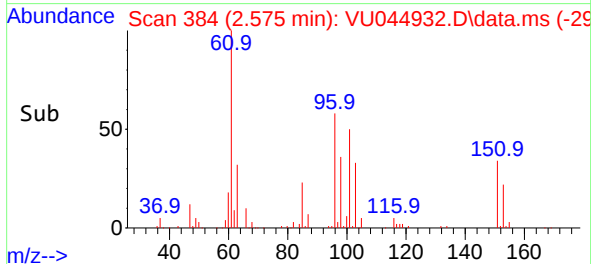
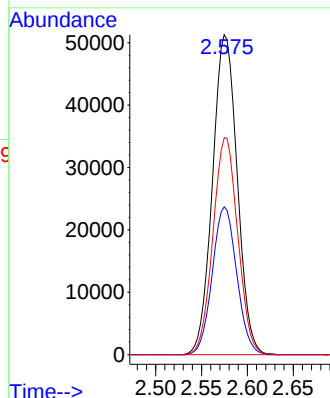
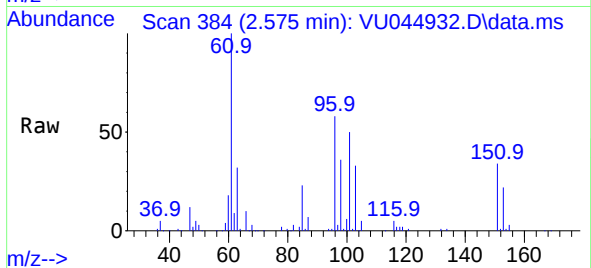
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.714 ug/l
RT: 2.575 min Scan# 384
Delta R.T. 0.000 min
Lab File: VU044932.D
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Tgt Ion:101 Resp: 96220
Ion Ratio Lower Upper
101 100
85 45.7 37.2 55.8
151 68.2 55.8 83.8

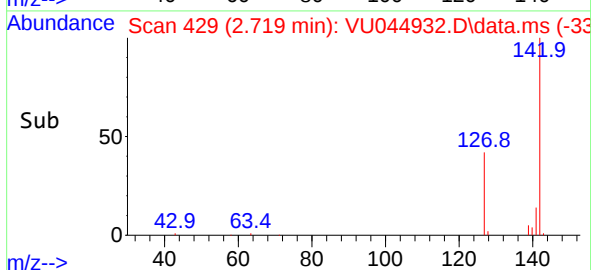
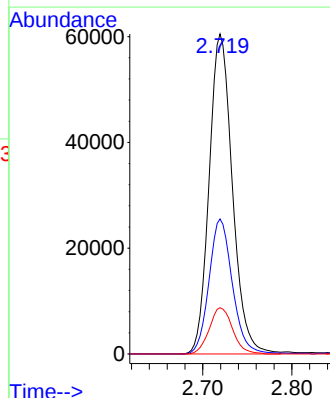
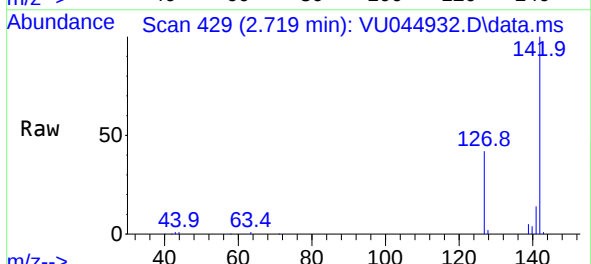
Manual Integrations
APPROVED

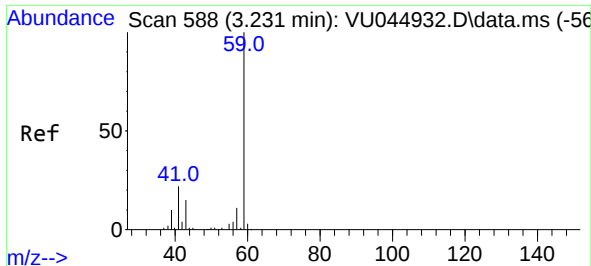
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#10
Methyl Iodide
Concen: 54.270 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

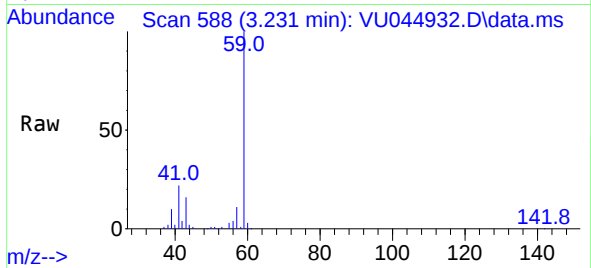
Tgt Ion:142 Resp: 109660
Ion Ratio Lower Upper
142 100
127 42.5 35.6 53.4
141 14.5 11.3 16.9





#11
Tert butyl alcohol
Concen: 243.217 ug/l
RT: 3.231 min Scan# 588
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

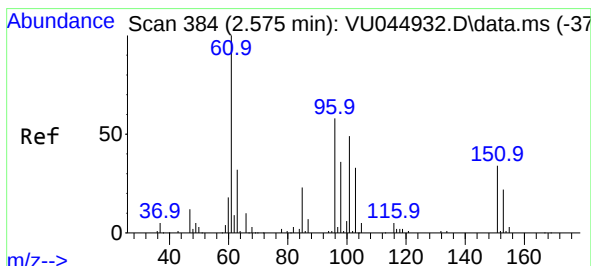
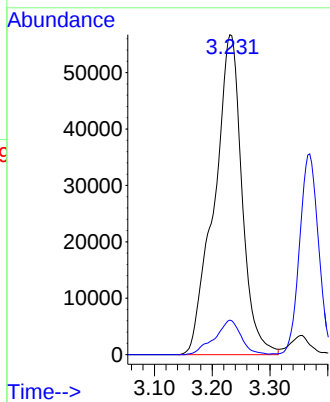
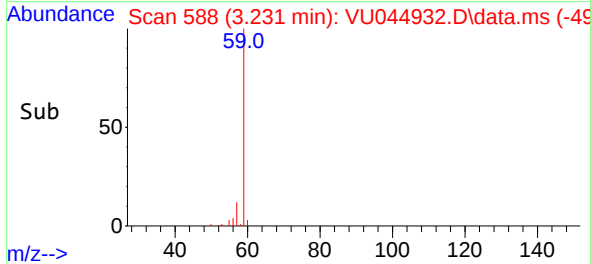
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050



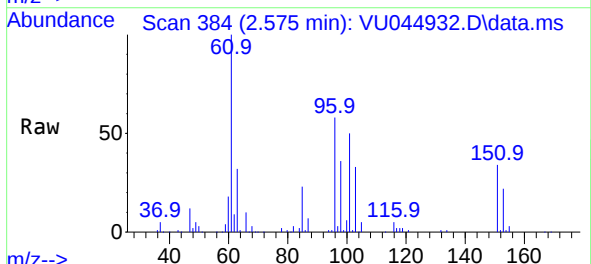
Tgt Ion: 59 Resp: 18909
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

Manual Integrations
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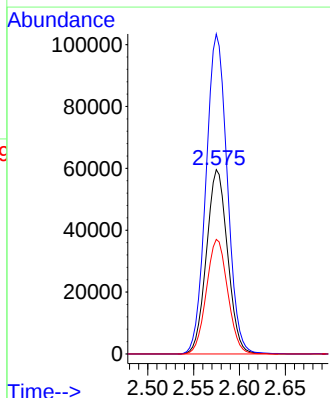
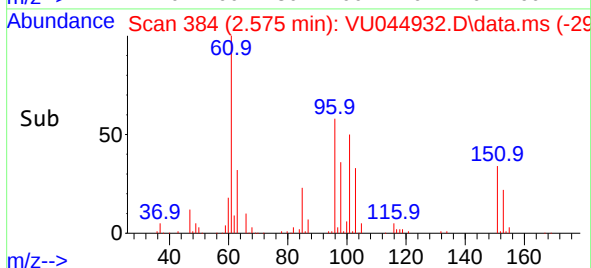
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

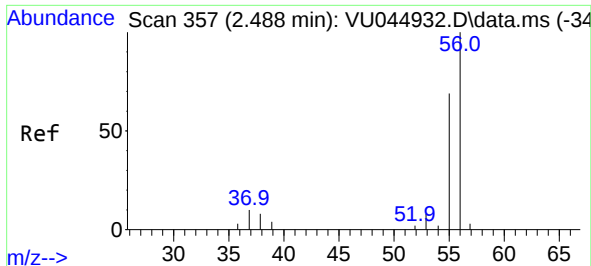


#12
1,1-Dichloroethene
Concen: 51.843 ug/l
RT: 2.575 min Scan# 384
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24



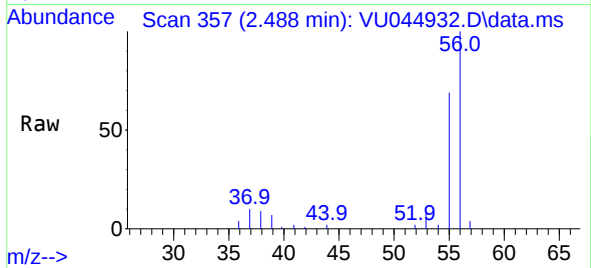
Tgt Ion: 96 Resp: 95721
Ion Ratio Lower Upper
96 100
61 173.6 145.4 218.0
98 62.1 50.9 76.3





#13
Acrolein
Concen: 166.863 ug/l
RT: 2.488 min Scan# 357
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

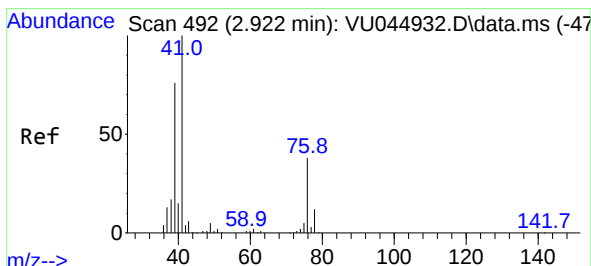
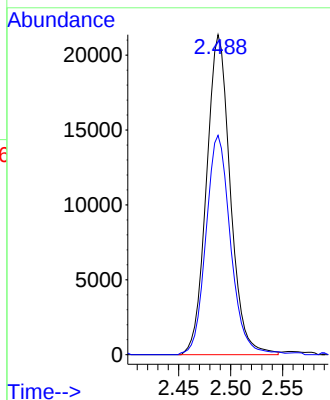
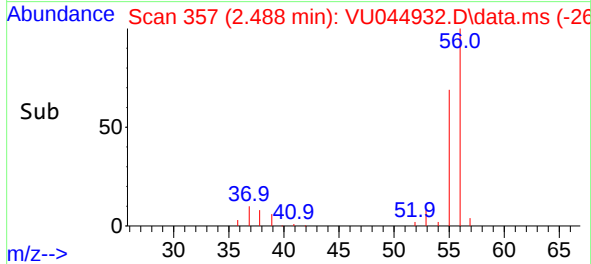
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050



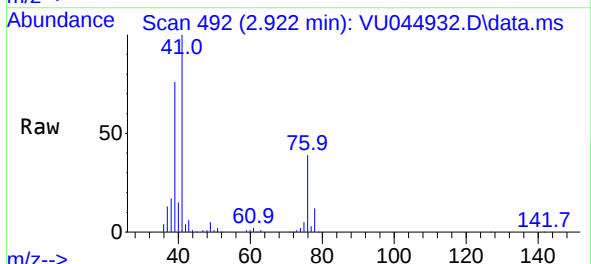
Tgt Ion: 56 Resp: 34090
Ion Ratio Lower Upper
56 100
55 70.8 57.4 86.0

Manual Integrations
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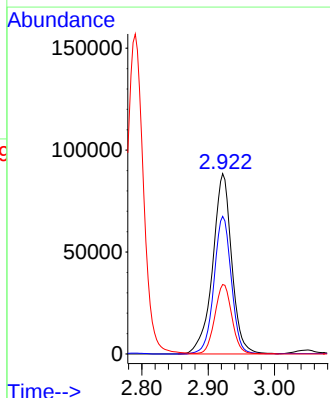
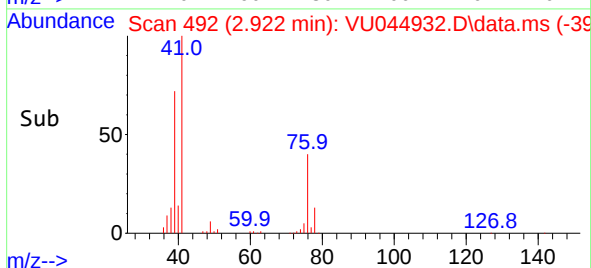
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

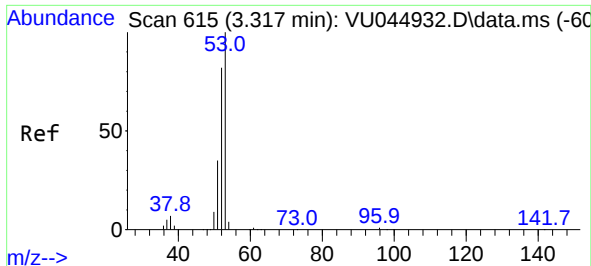


#14
Allyl chloride
Concen: 49.891 ug/l
RT: 2.922 min Scan# 492
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24



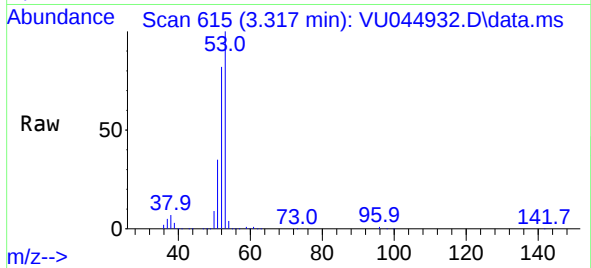
Tgt Ion: 41 Resp: 176824
Ion Ratio Lower Upper
41 100
39 69.4 53.0 79.6
76 34.1 25.7 38.5





#15
Acrylonitrile
Concen: 241.196 ug/l
RT: 3.317 min Scan# 615
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

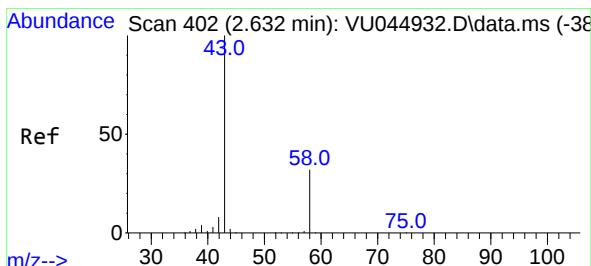
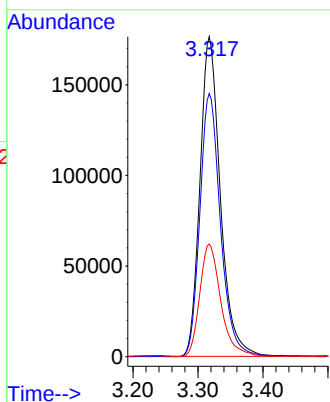
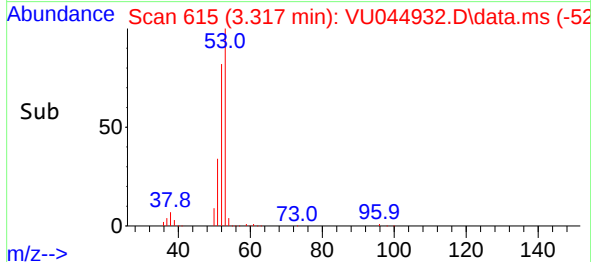
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050



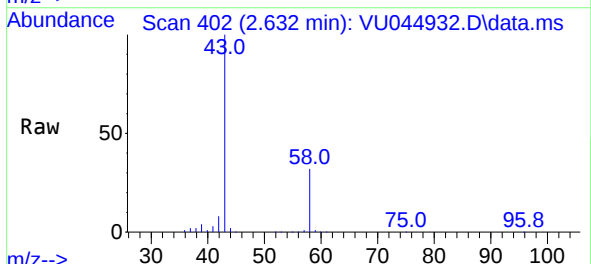
Tgt Ion: 53 Resp: 38579
Ion Ratio Lower Upper
53 100
52 83.0 66.0 99.0
51 36.3 28.6 42.8

Manual Integrations
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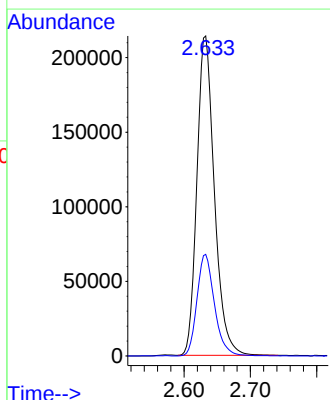
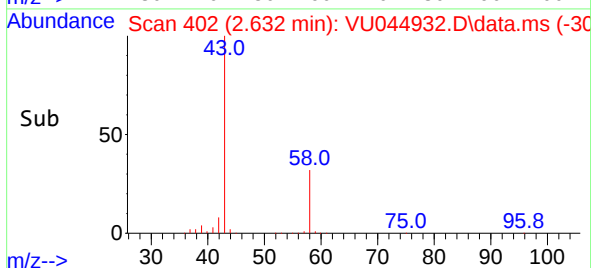
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

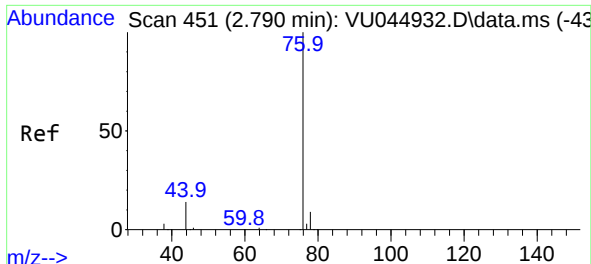


#16
Acetone
Concen: 258.520 ug/l
RT: 2.632 min Scan# 402
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24



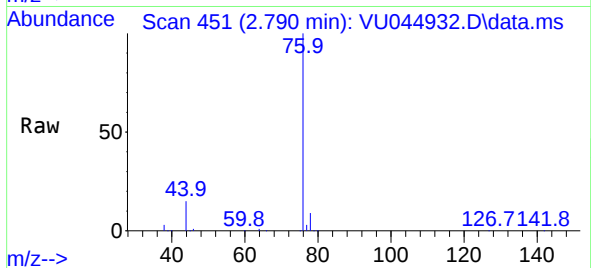
Tgt Ion: 43 Resp: 392344
Ion Ratio Lower Upper
43 100
58 31.8 25.2 37.8





#17
Carbon Disulfide
Concen: 52.476 ug/l
RT: 2.790 min Scan# 451
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

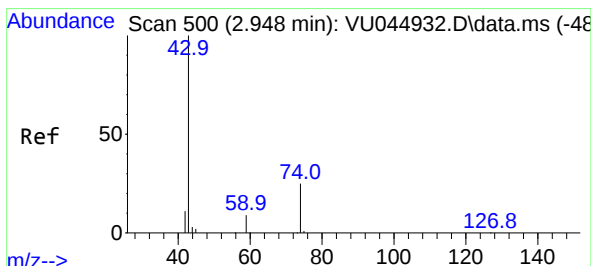
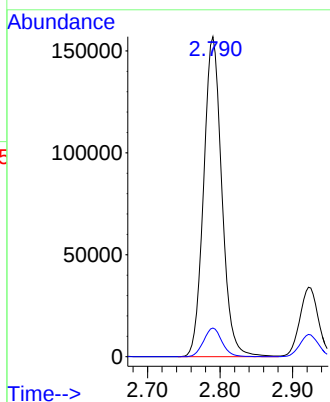
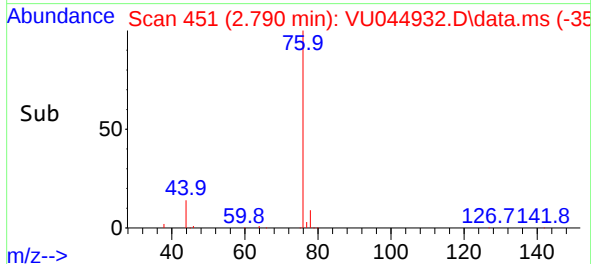
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050



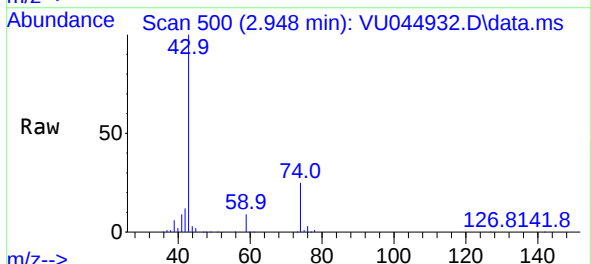
Tgt Ion: 76 Resp: 27366
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

Manual Integrations
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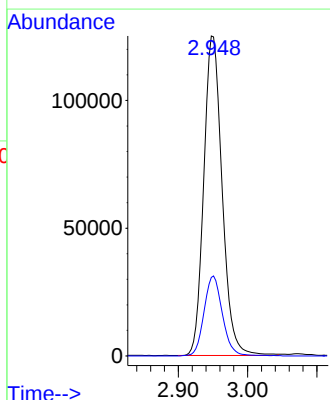
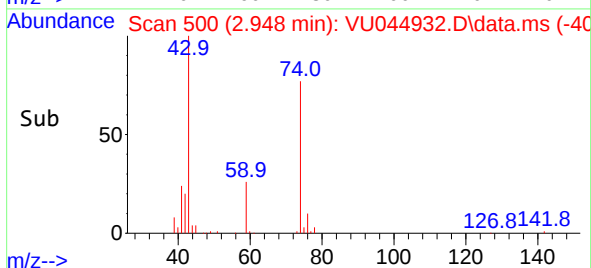
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

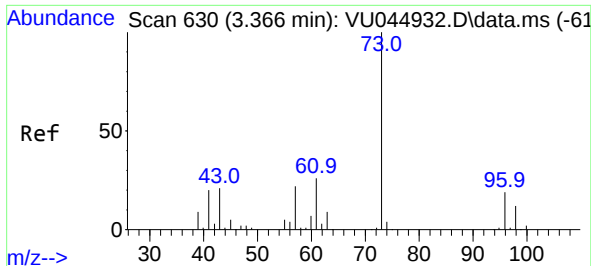


#18
Methyl Acetate
Concen: 46.602 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24



Tgt Ion: 43 Resp: 230358
Ion Ratio Lower Upper
43 100
74 25.0 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 53.779 ug/l

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU044932.D

Acq: 28 Sep 2021 11:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

Tgt Ion: 73 Resp: 37093

Ion Ratio Lower Upper

73 100

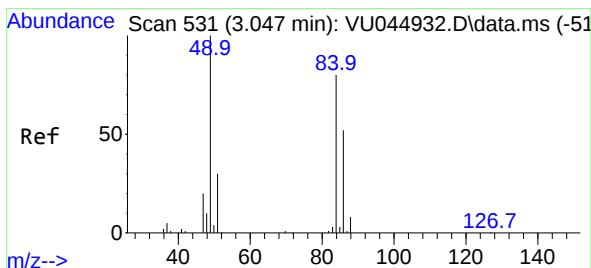
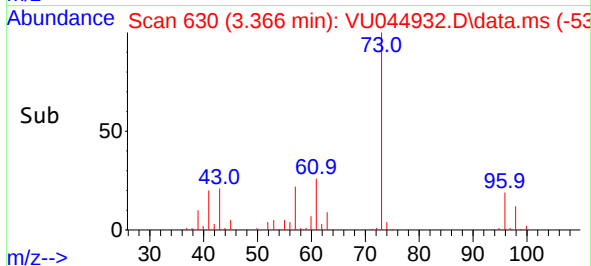
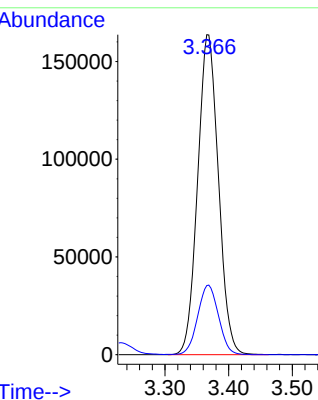
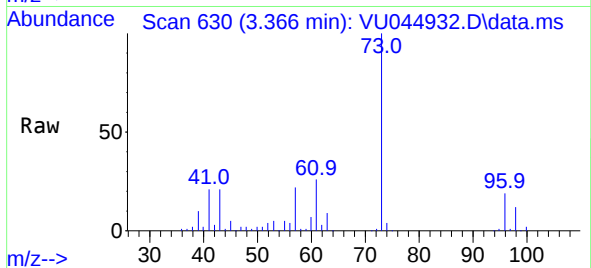
57 21.6 18.2 27.2

Manual Integrations

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Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#20

Methylene Chloride

Concen: 47.537 ug/l

RT: 3.047 min Scan# 531

Delta R.T. 0.000 min

Lab File: VU044932.D

Acq: 28 Sep 2021 11:24

Tgt Ion: 84 Resp: 115381

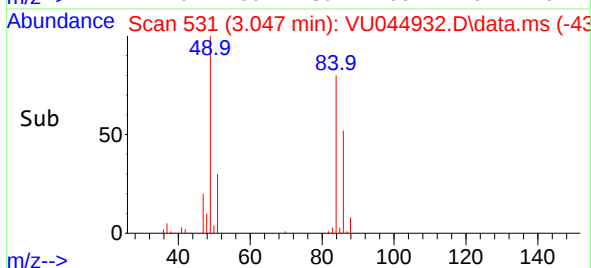
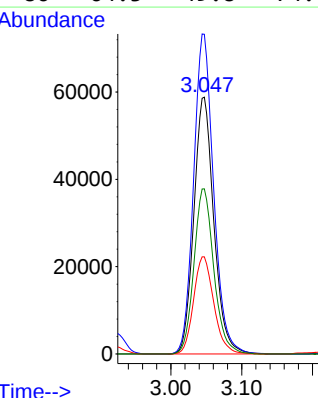
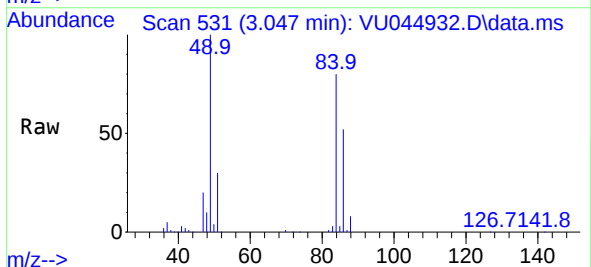
Ion Ratio Lower Upper

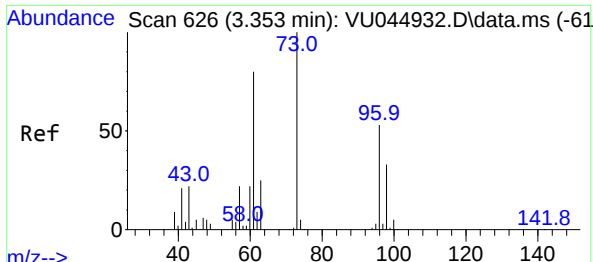
84 100

49 124.4 104.9 157.3

51 37.8 31.8 47.8

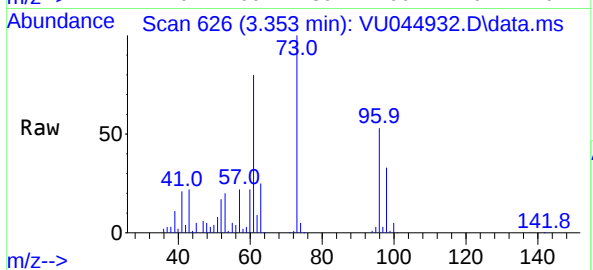
86 64.3 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 52.129 ug/l
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

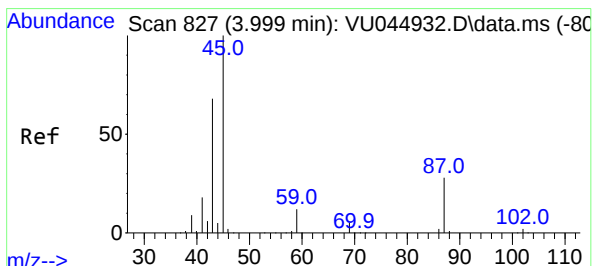
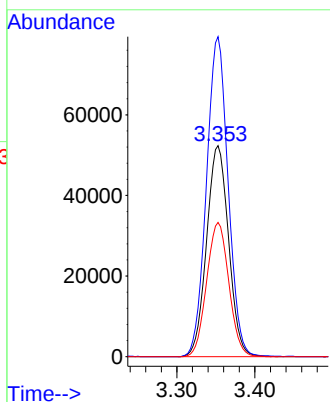
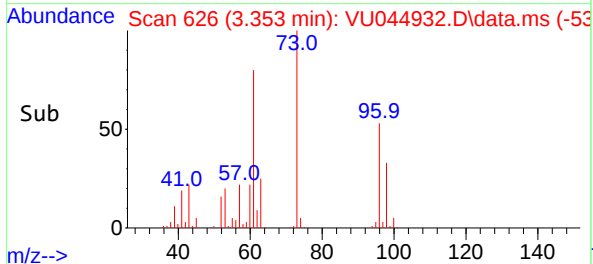
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050



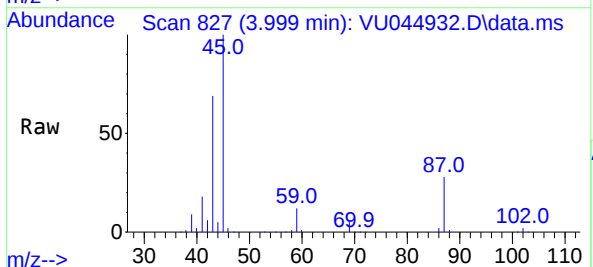
Tgt Ion: 96 Resp: 10278
Ion Ratio Lower Upper
96 100
61 151.7 123.2 184.8
98 63.6 51.0 76.6

Manual Integrations
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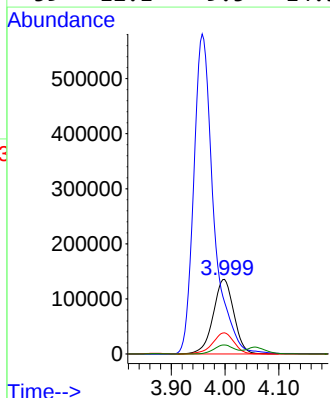
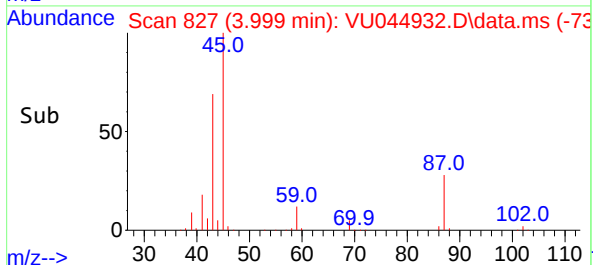
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

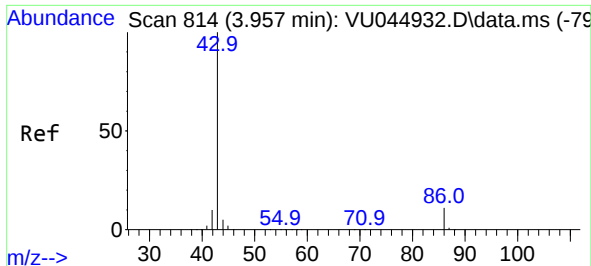


#22
Diisopropyl ether
Concen: 51.566 ug/l
RT: 3.999 min Scan# 827
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24



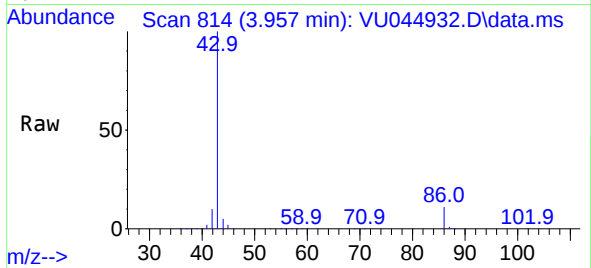
Tgt Ion: 45 Resp: 361800
Ion Ratio Lower Upper
45 100
43 68.5 62.3 93.5
87 28.3 21.0 31.4
59 12.1 9.5 14.3





#23
 Vinyl Acetate
 Concen: 260.439 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU044932.D
 Acq: 28 Sep 2021 11:24

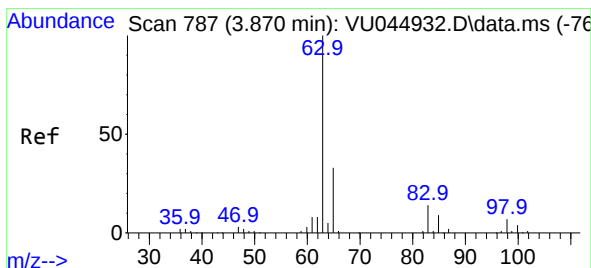
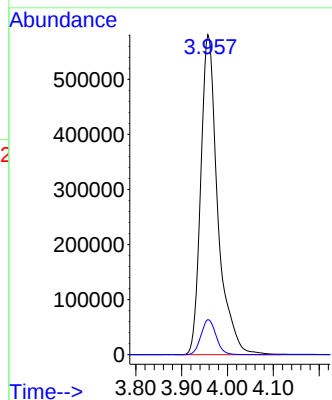
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 43 Resp: 149604
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.2 12.4

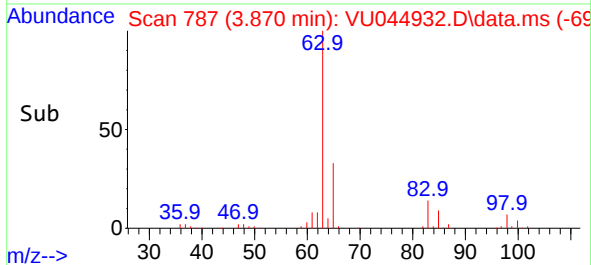
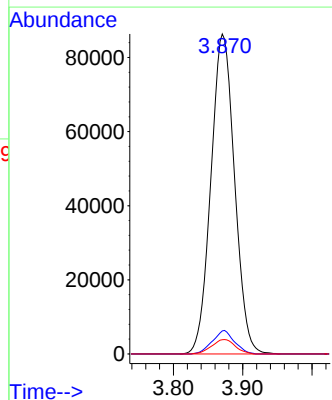
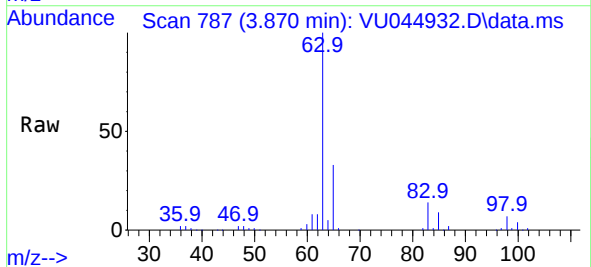
Manual Integrations
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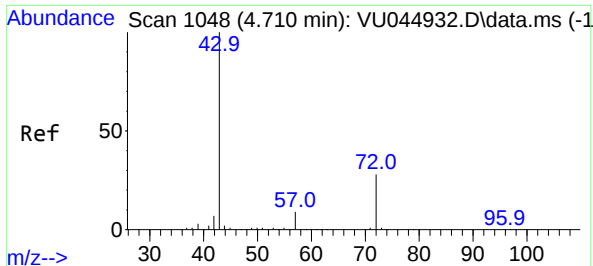
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021



#24
 1,1-Dichloroethane
 Concen: 50.318 ug/l
 RT: 3.870 min Scan# 787
 Delta R.T. 0.000 min
 Lab File: VU044932.D
 Acq: 28 Sep 2021 11:24

Tgt Ion: 63 Resp: 204749
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.5 2.1 6.3





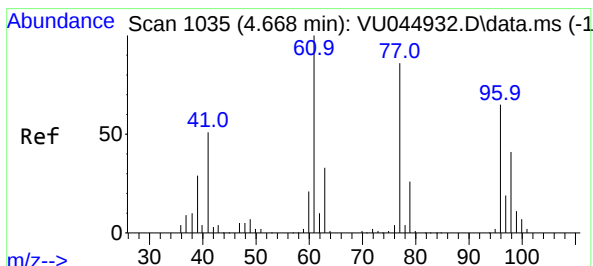
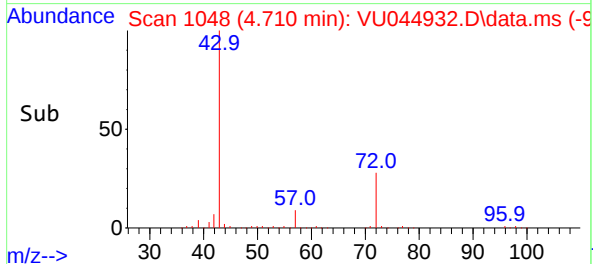
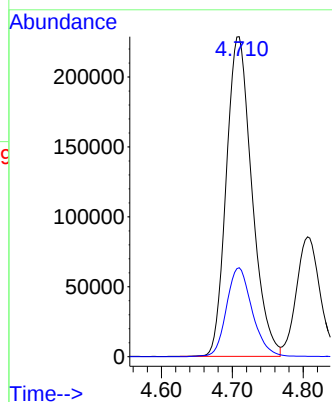
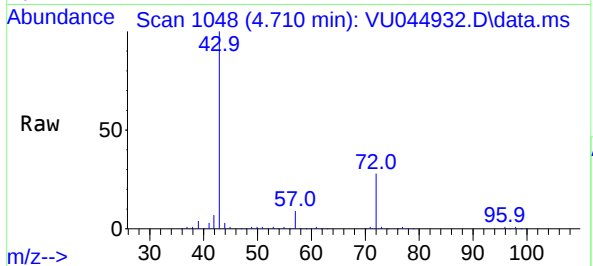
#25
2-Butanone
Concen: 253.345 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 573759
Ion Ratio Lower Upper
43 100
72 27.8 21.3 31.9

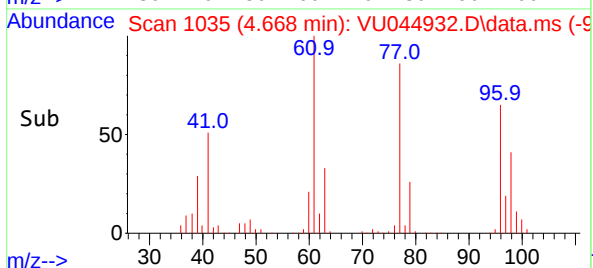
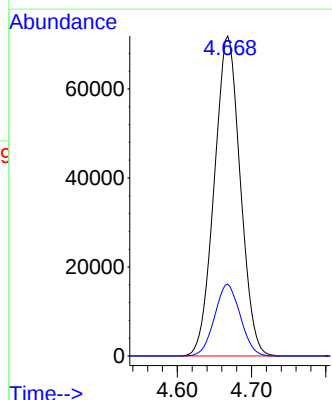
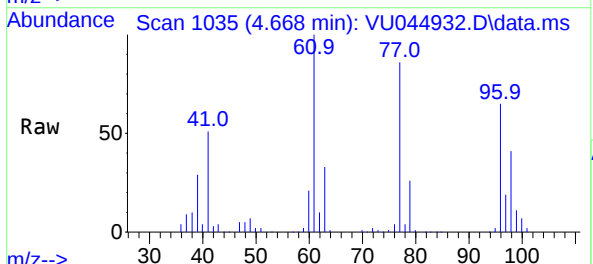
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#26
2,2-Dichloropropane
Concen: 55.839 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

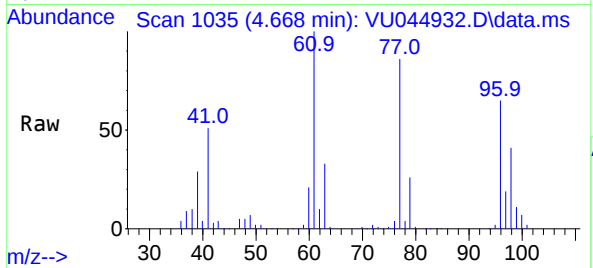
Tgt Ion: 77 Resp: 174762
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.4





#27
 cis-1,2-Dichloroethene
 Concen: 51.066 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU044932.D
 Acq: 28 Sep 2021 11:24

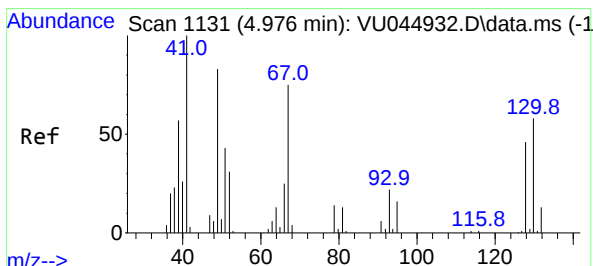
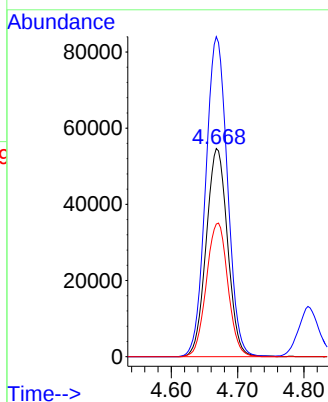
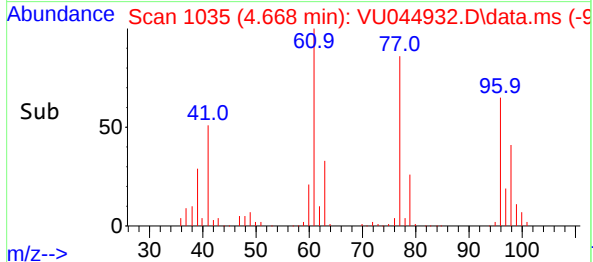
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050



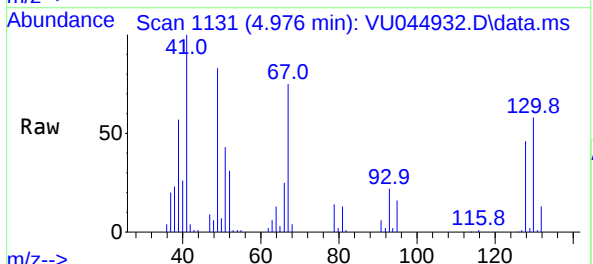
Tgt Ion: 96 Resp: 122434
 Ion Ratio Lower Upper
 96 100
 61 156.0 0.0 313.4
 98 64.8 0.0 127.0

Manual Integrations
 APPROVED

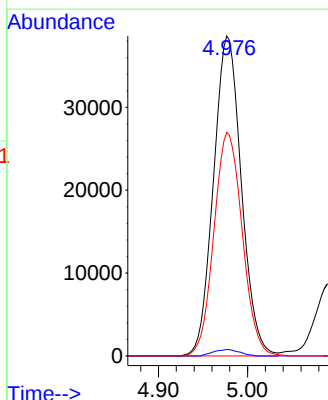
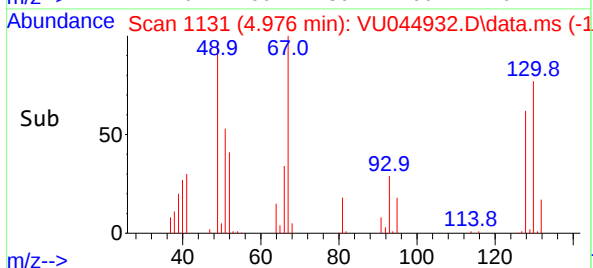
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021

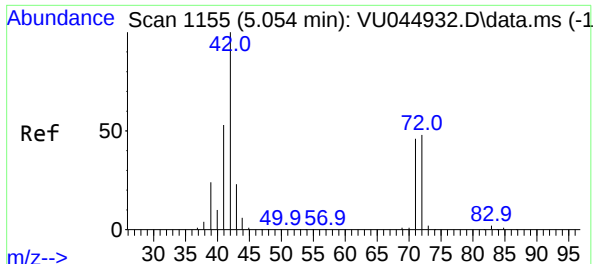


#28
 Bromochloromethane
 Concen: 44.394 ug/l
 RT: 4.976 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU044932.D
 Acq: 28 Sep 2021 11:24



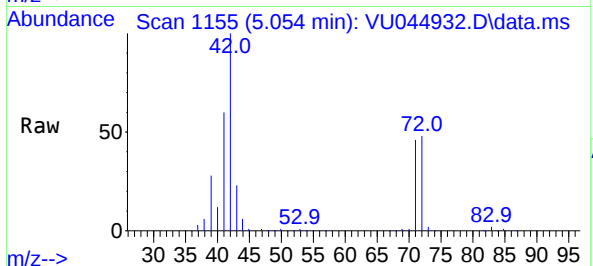
Tgt Ion: 49 Resp: 84005
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.2
 130 71.0 53.4 80.2





#29
Tetrahydrofuran
Concen: 241.051 ug/l
RT: 5.054 min Scan# 1155
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

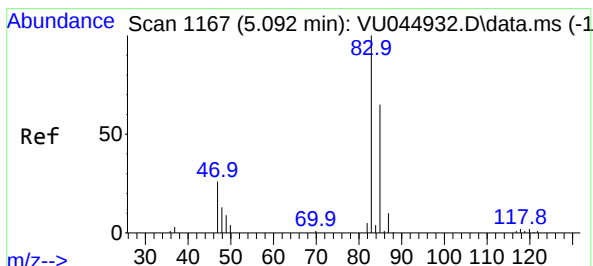
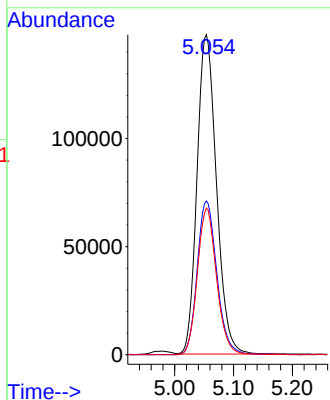
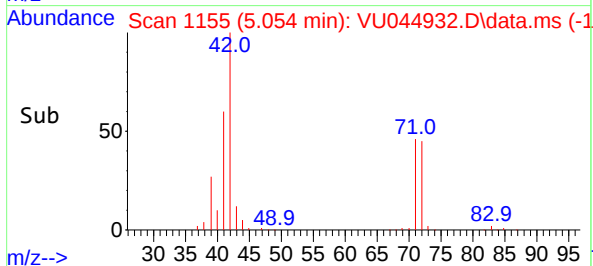
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050



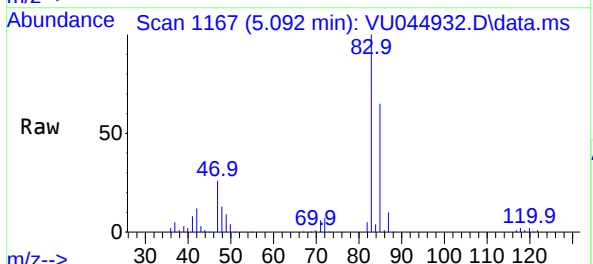
Tgt Ion: 42 Resp: 33910
Ion Ratio Lower Upper
42 100
72 48.7 36.2 54.4
71 45.2 34.1 51.1

Manual Integrations
APPROVED

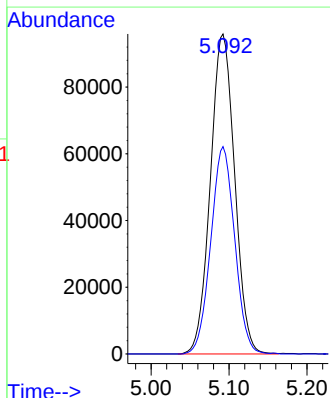
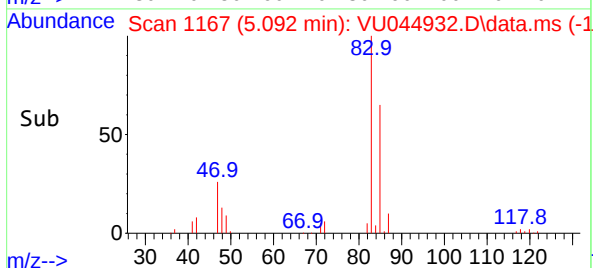
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

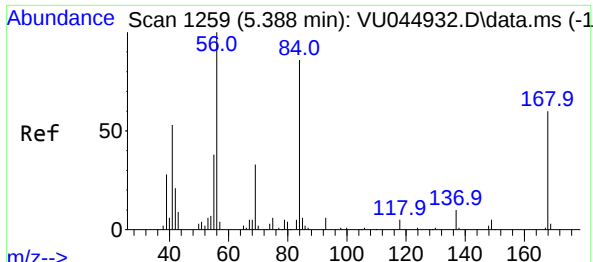


#30
Chloroform
Concen: 50.469 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24



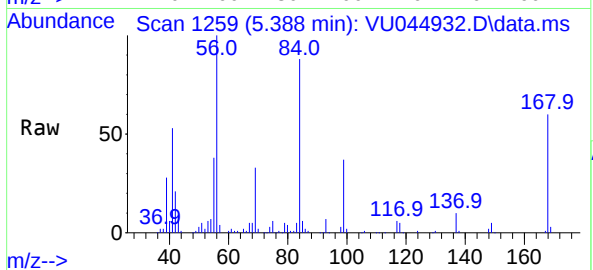
Tgt Ion: 83 Resp: 207873
Ion Ratio Lower Upper
83 100
85 64.8 52.1 78.1





#31
Cyclohexane
Concen: 50.167 ug/l
RT: 5.388 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

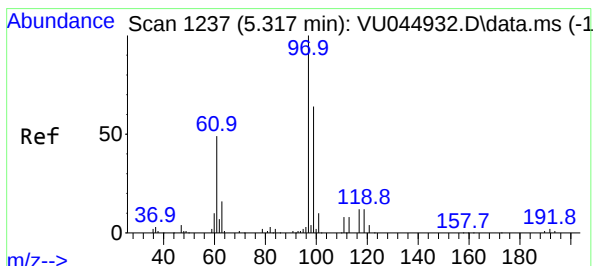
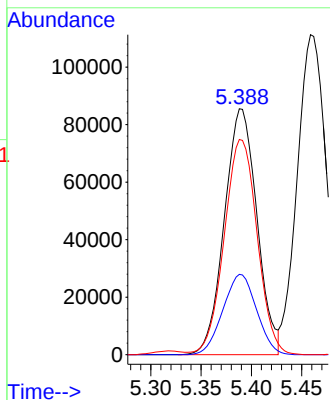
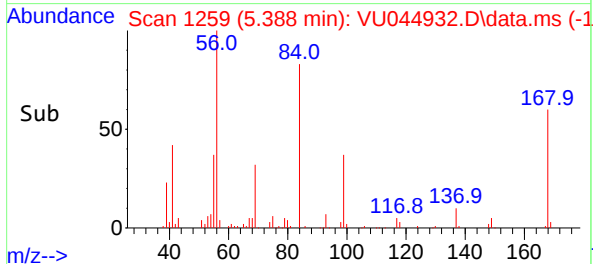
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050



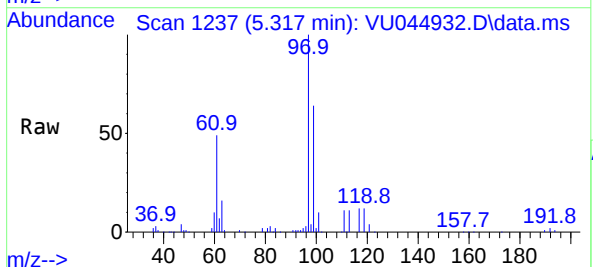
Tgt Ion: 56 Resp: 192820
Ion Ratio Lower Upper
56 100
69 32.6 25.2 37.8
84 86.2 66.4 99.6

Manual Integrations
APPROVED

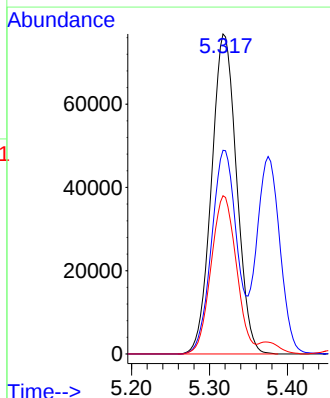
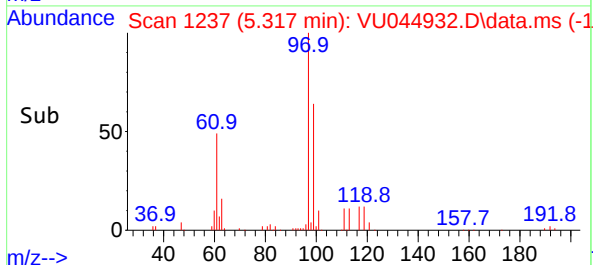
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#32
1,1,1-Trichloroethane
Concen: 51.644 ug/l
RT: 5.317 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24



Tgt Ion: 97 Resp: 172036
Ion Ratio Lower Upper
97 100
99 64.8 50.9 76.3
61 50.0 40.7 61.1





#33

1,2-Dichloroethane-d4

Concen: 46.193 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VU044932.D

Acq: 28 Sep 2021 11:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 120624

Ion Ratio Lower Upper

65 100

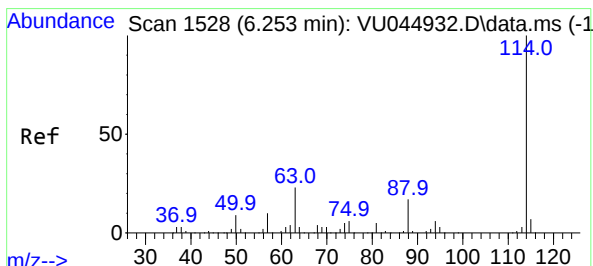
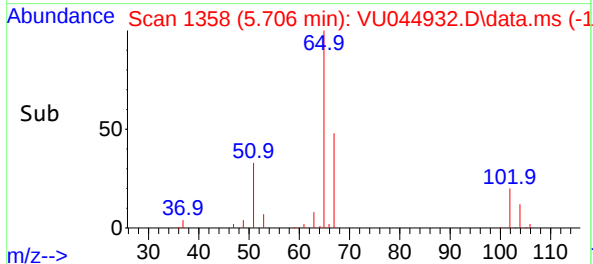
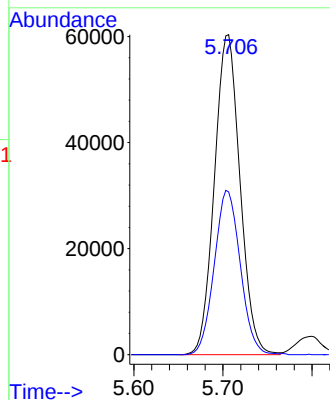
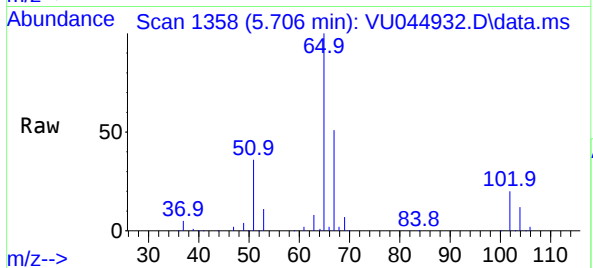
67 52.1 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU044932.D

Acq: 28 Sep 2021 11:24

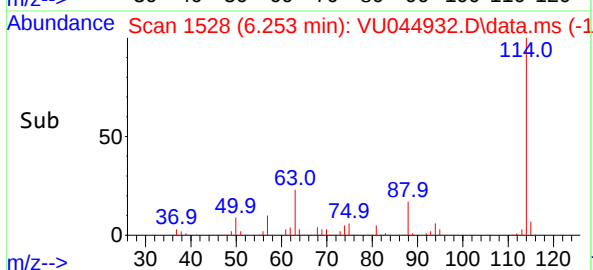
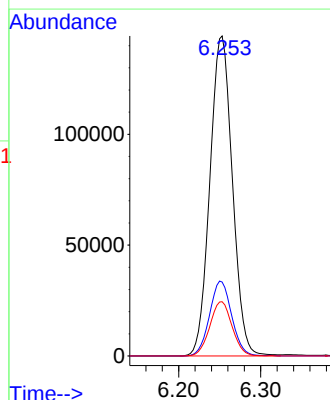
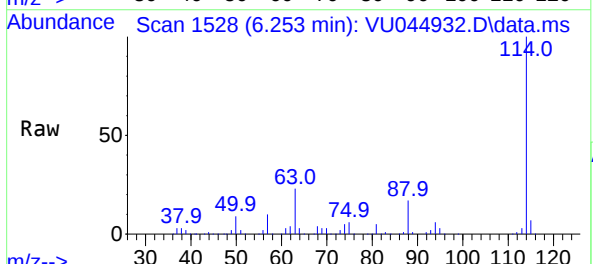
Tgt Ion:114 Resp: 275654

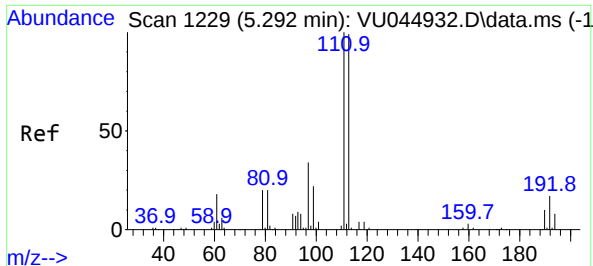
Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.8

88 17.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 45.571 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU044932.D

Acq: 28 Sep 2021 11:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

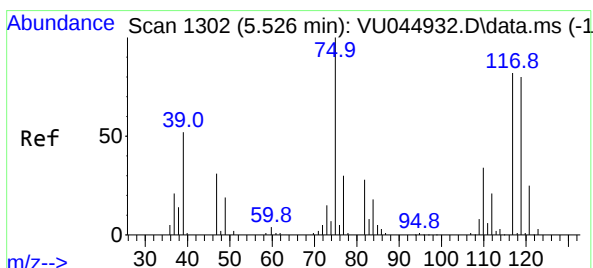
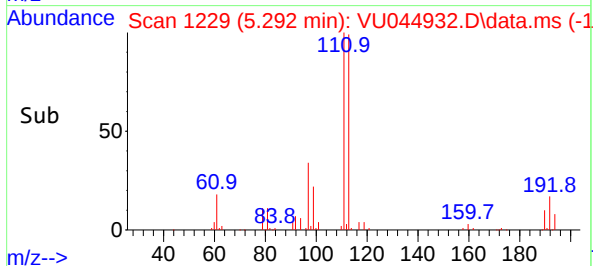
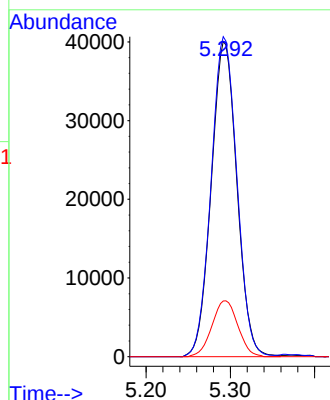
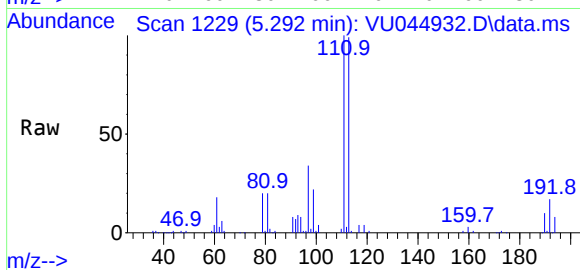
Tgt Ion:	113	Resp:	84572
Ion Ratio	Lower	Upper	
113	100		
111	102.2	84.1	126.1
192	17.9	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#36

1,1-Dichloropropene

Concen: 52.259 ug/l

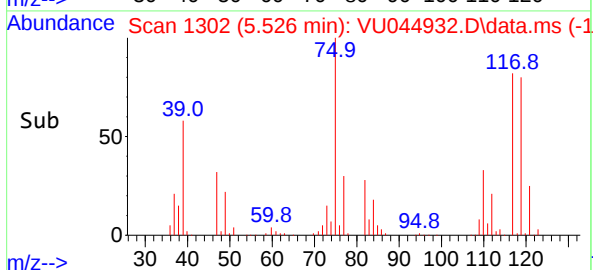
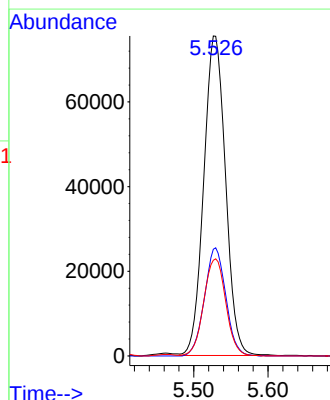
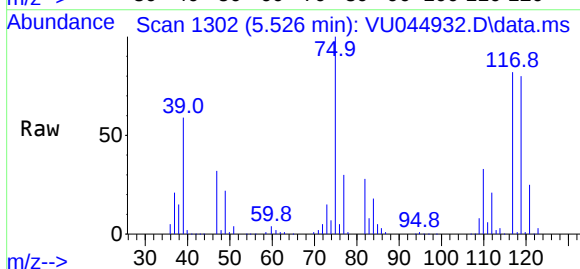
RT: 5.526 min Scan# 1302

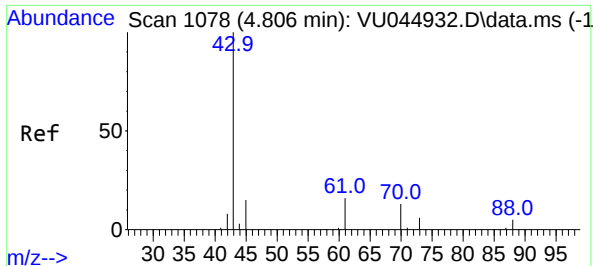
Delta R.T. 0.000 min

Lab File: VU044932.D

Acq: 28 Sep 2021 11:24

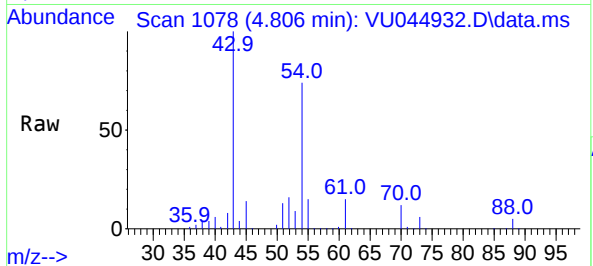
Tgt Ion:	75	Resp:	153696
Ion Ratio	Lower	Upper	
75	100		
110	33.1	16.3	48.9
77	30.9	25.0	37.4





#37
Ethyl Acetate
Concen: 47.245 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

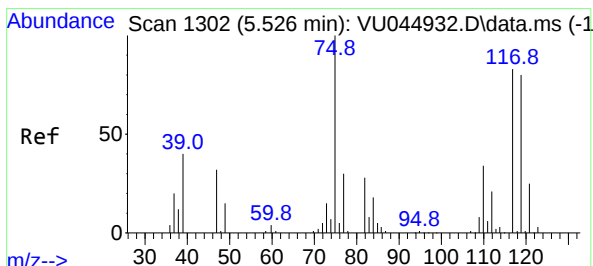
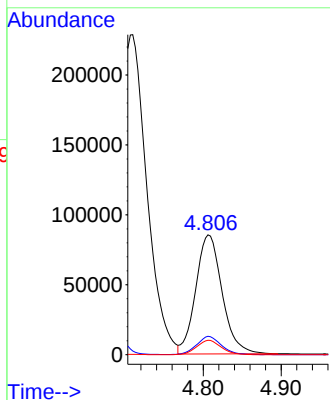
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 200392
Ion Ratio Lower Upper
43 100
61 14.5 10.9 16.3
70 11.2 8.2 12.4

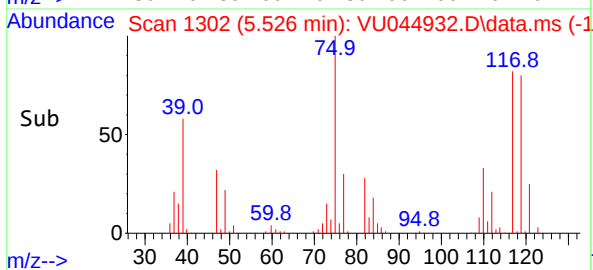
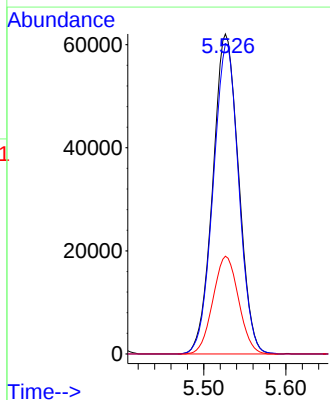
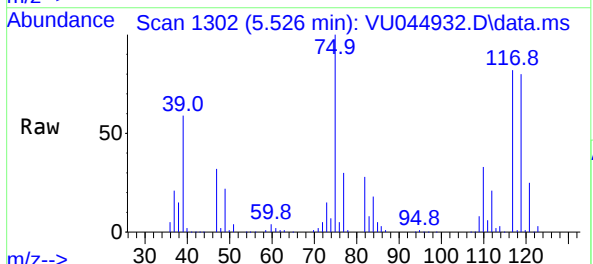
Manual Integrations
APPROVED

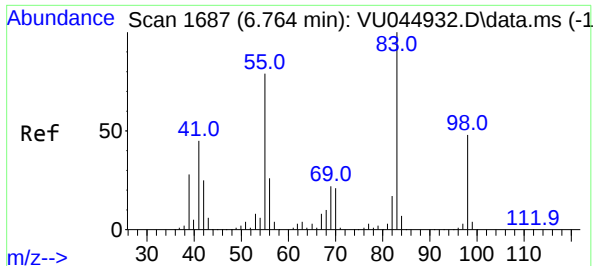
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#38
Carbon Tetrachloride
Concen: 51.818 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

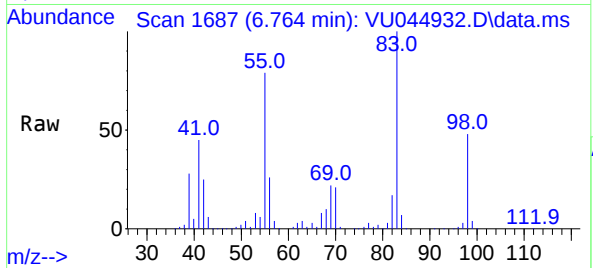
Tgt Ion:117 Resp: 135385
Ion Ratio Lower Upper
117 100
119 96.9 77.4 116.2
121 30.5 24.5 36.7





#39
Methylcyclohexane
Concen: 56.783 ug/l
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

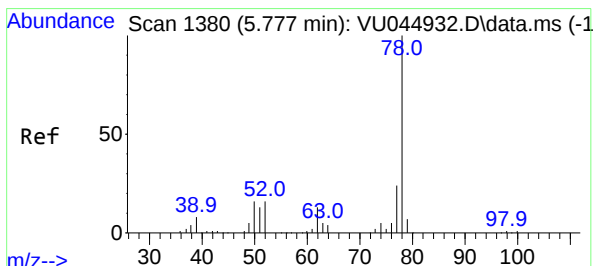
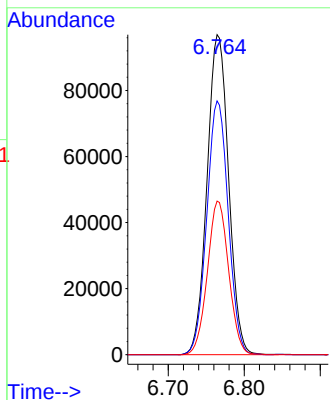
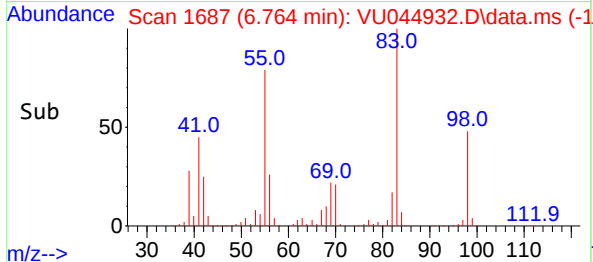
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 190907
Ion Ratio Lower Upper
83 100
55 79.3 66.2 99.4
98 48.0 37.5 56.3

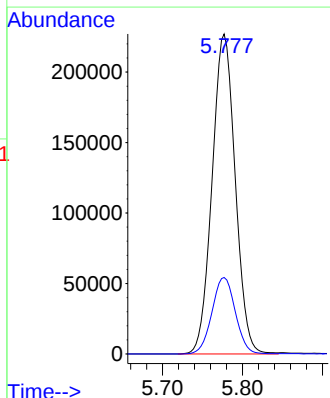
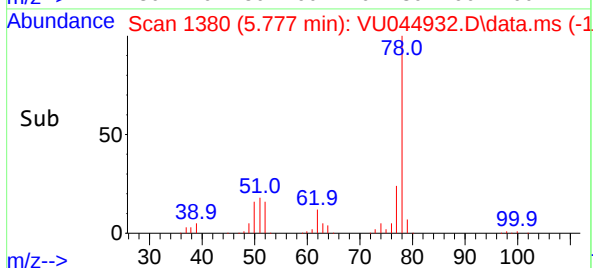
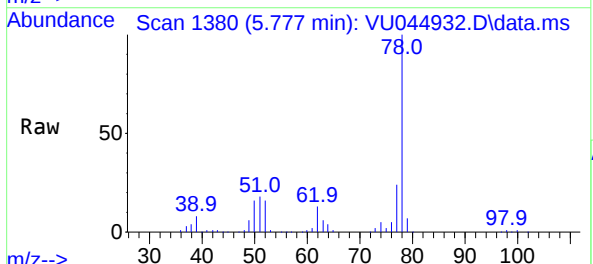
Manual Integrations
APPROVED

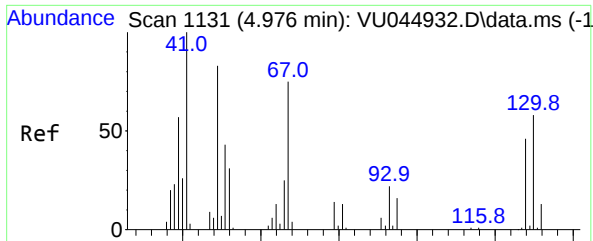
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#40
Benzene
Concen: 50.931 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

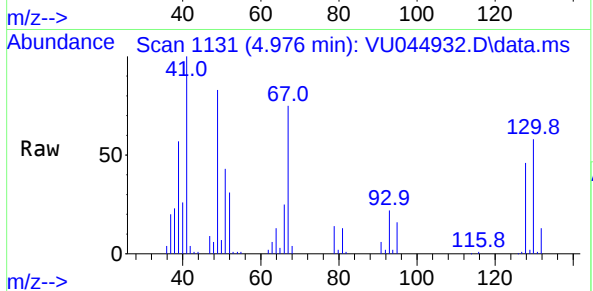
Tgt Ion: 78 Resp: 455307
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7





#41
Methacrylonitrile
Concen: 50.630 ug/l
RT: 4.976 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

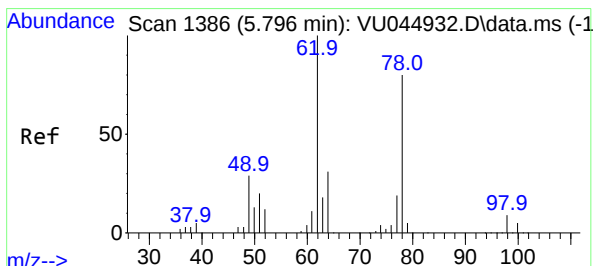
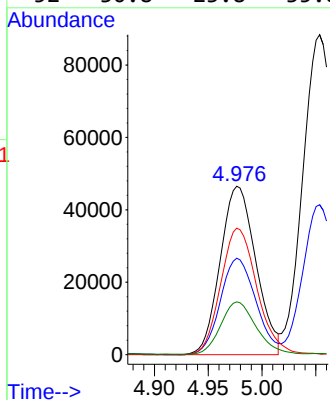
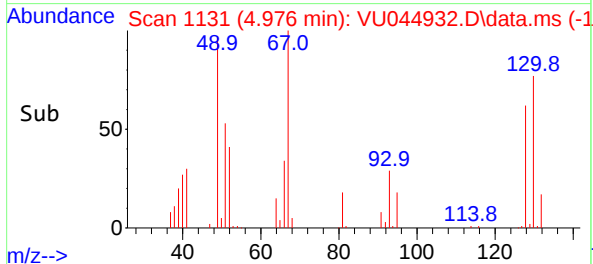
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050



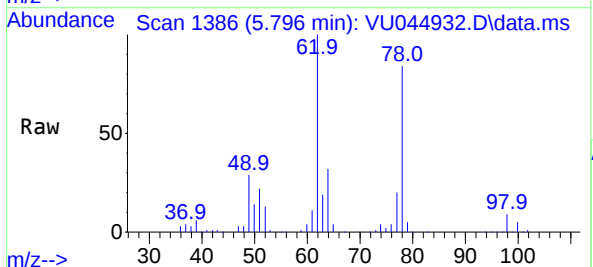
Tgt Ion: 41 Resp: 107480
Ion Ratio Lower Upper
41 100
39 57.5 44.4 66.6
67 76.6 58.1 87.1
52 30.8 23.8 35.8

Manual Integrations
APPROVED

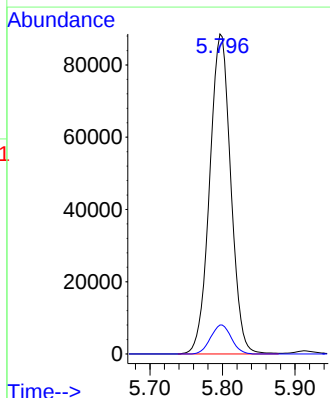
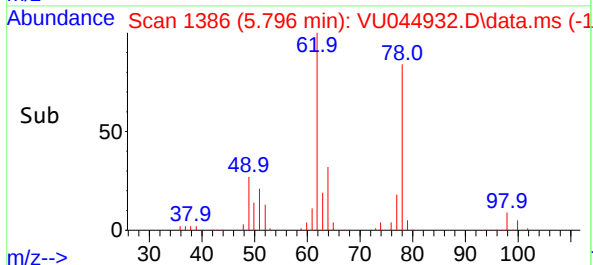
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#42
1,2-Dichloroethane
Concen: 50.809 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24



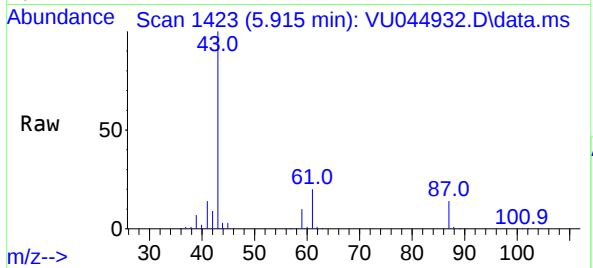
Tgt Ion: 62 Resp: 179073
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.8





#43
Isopropyl Acetate
Concen: 50.933 ug/l
RT: 5.915 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

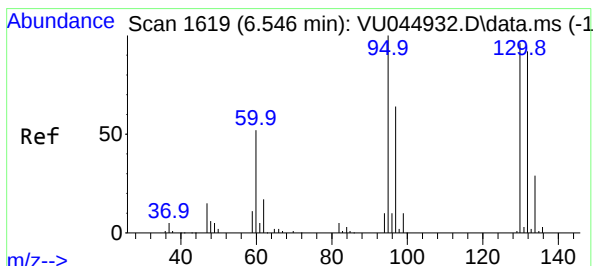
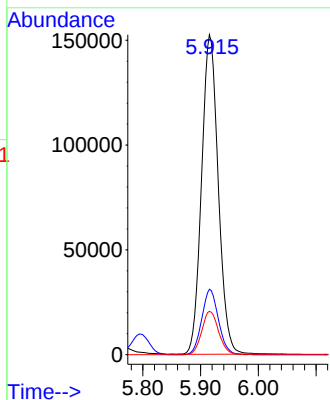
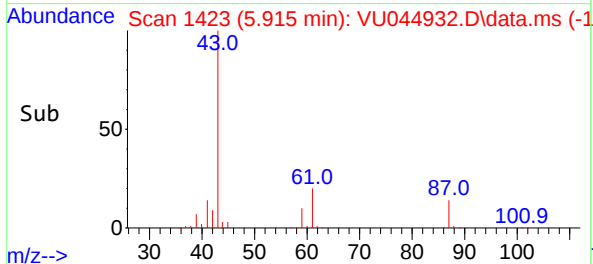
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050



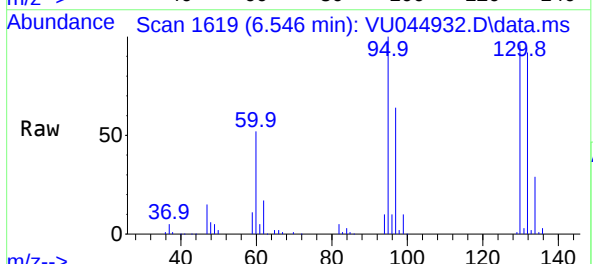
Tgt Ion: 43 Resp: 306064
Ion Ratio Lower Upper
43 100
61 20.4 16.1 24.1
87 13.7 10.3 15.5

Manual Integrations
APPROVED

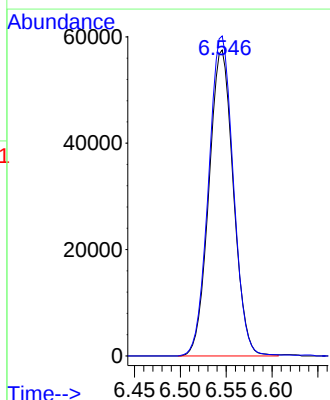
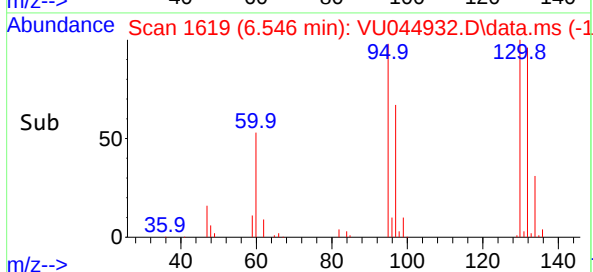
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

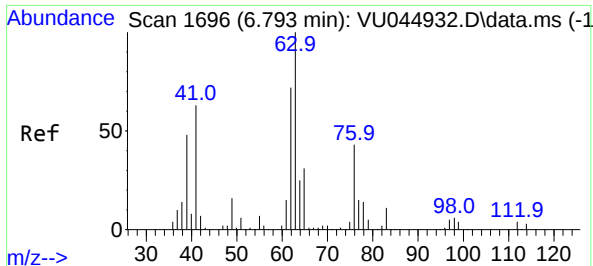


#44
Trichloroethene
Concen: 49.593 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24



Tgt Ion:130 Resp: 106714
Ion Ratio Lower Upper
130 100
95 104.6 0.0 209.0





#45

1,2-Dichloropropane

Concen: 50.242 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. 0.000 min

Lab File: VU044932.D

Acq: 28 Sep 2021 11:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 120319

Ion Ratio Lower Upper

63 100

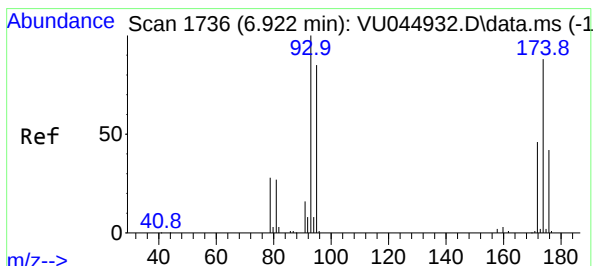
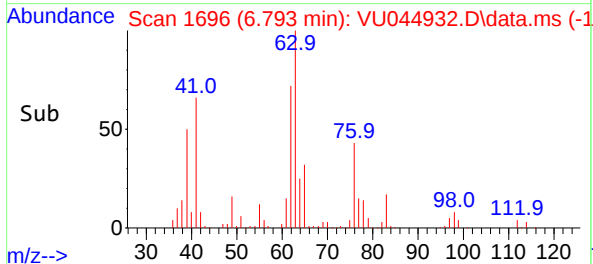
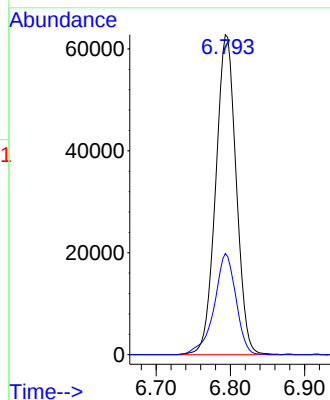
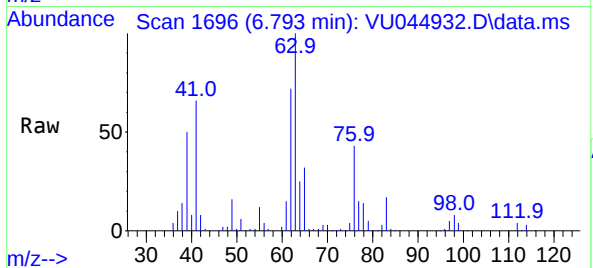
65 31.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#46

Dibromomethane

Concen: 51.200 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VU044932.D

Acq: 28 Sep 2021 11:24

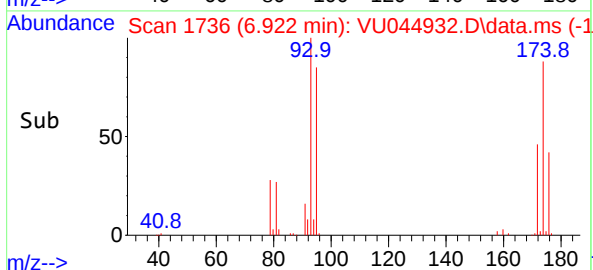
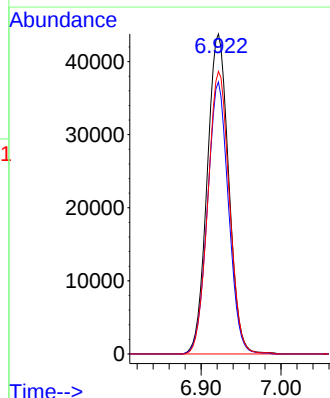
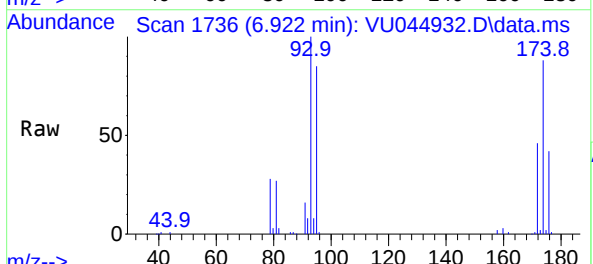
Tgt Ion: 93 Resp: 81993

Ion Ratio Lower Upper

93 100

95 82.9 65.6 98.4

174 88.1 70.7 106.1





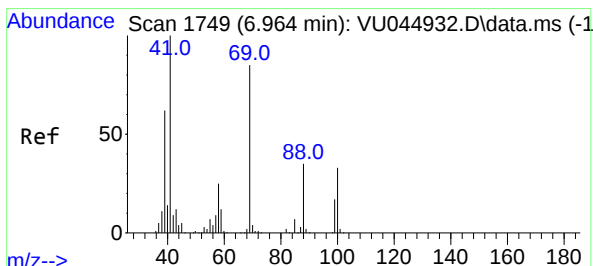
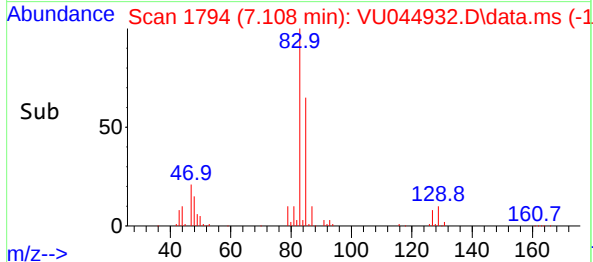
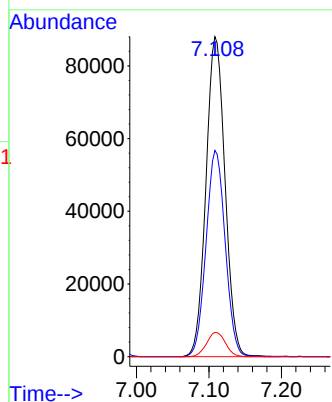
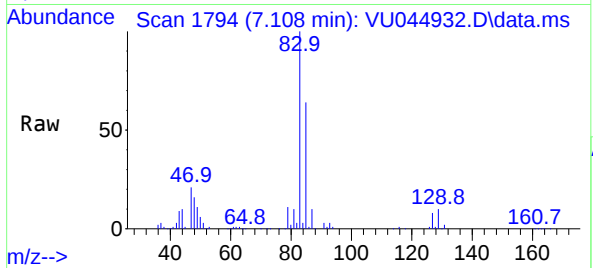
#47
Bromodichloromethane
Concen: 50.915 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 160534
Ion Ratio Lower Upper
83 100
85 64.5 51.6 77.4
127 7.6 6.2 9.4

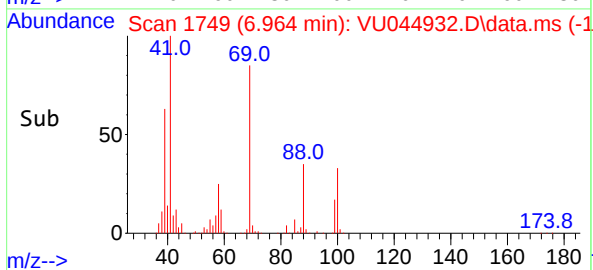
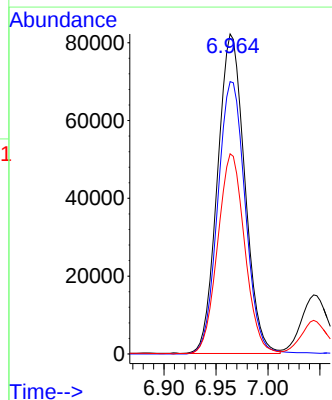
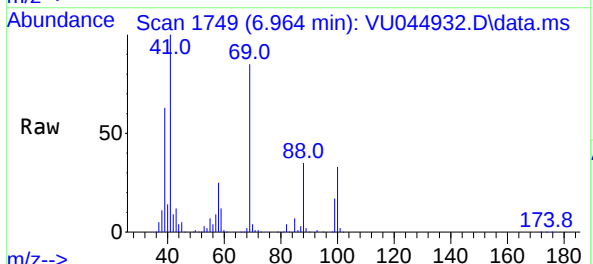
Manual Integrations
APPROVED

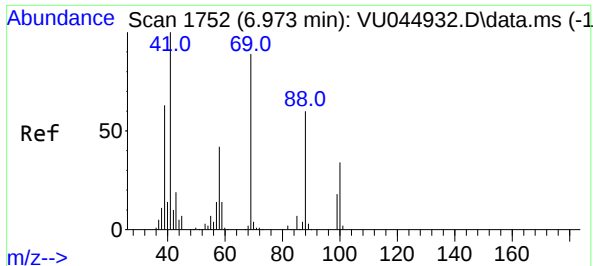
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#48
Methyl methacrylate
Concen: 52.693 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

Tgt Ion: 41 Resp: 149439
Ion Ratio Lower Upper
41 100
69 86.2 65.6 98.4
39 62.6 46.2 69.4





#49

1,4-Dioxane

Concen: 1070.358 ug/l

RT: 6.973 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VU044932.D

Acq: 28 Sep 2021 11:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 77428

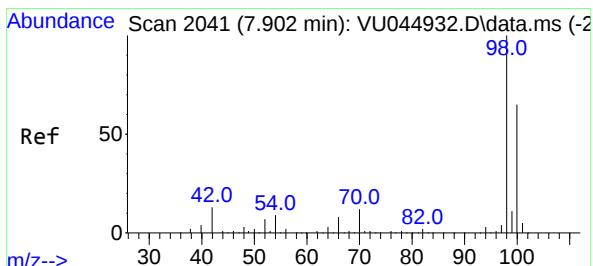
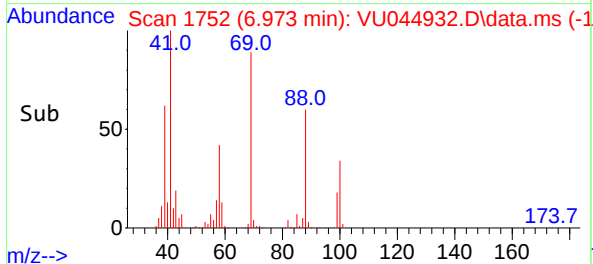
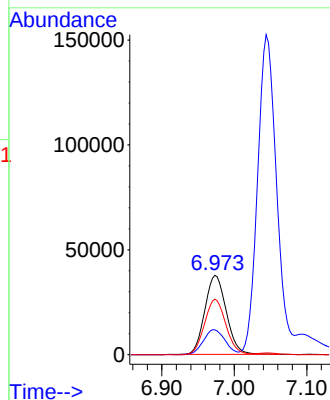
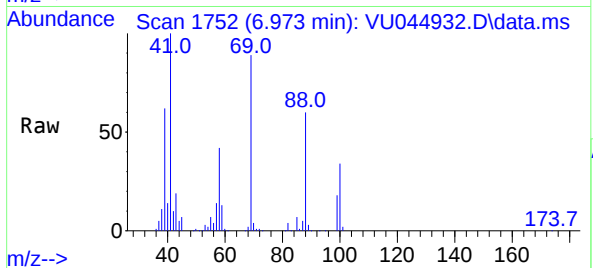
Ion	Ratio	Lower	Upper
88	100		
43	32.1	25.8	38.6
58	69.9	61.3	91.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#50

Toluene-d8

Concen: 47.633 ug/l

RT: 7.902 min Scan# 2041

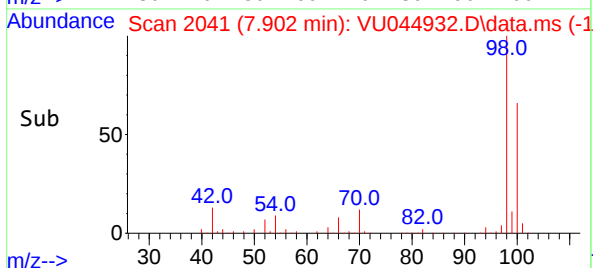
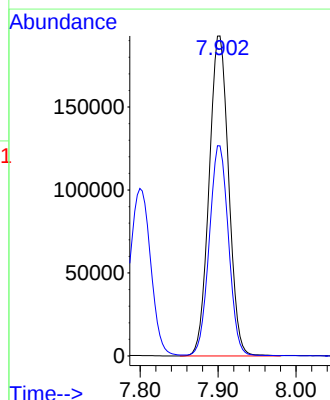
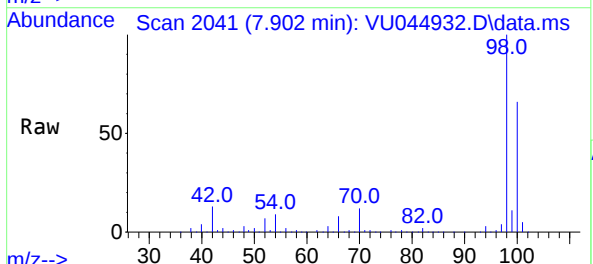
Delta R.T. 0.000 min

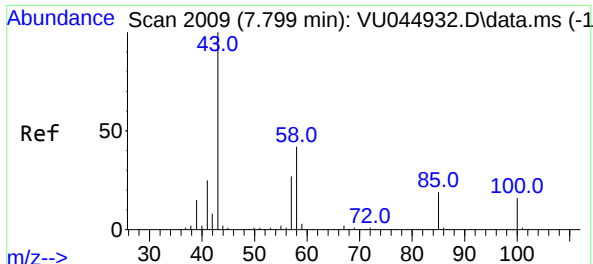
Lab File: VU044932.D

Acq: 28 Sep 2021 11:24

Tgt Ion: 98 Resp: 335968

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.5	78.7





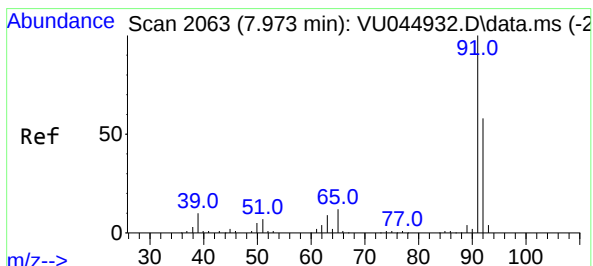
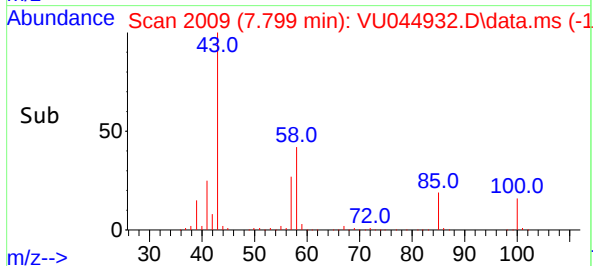
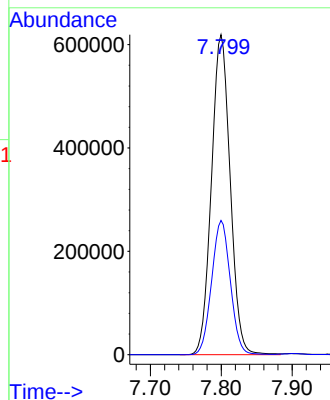
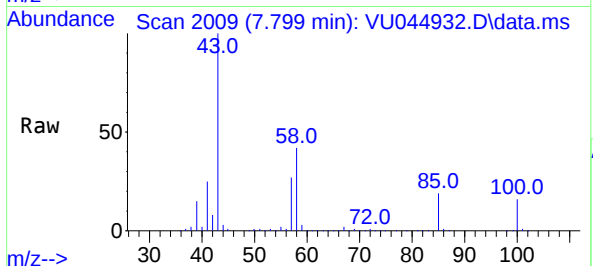
#51
4-Methyl-2-Pentanone
Concen: 264.459 ug/l
RT: 7.799 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 113719
Ion Ratio Lower Upper
43 100
58 41.9 32.4 48.6

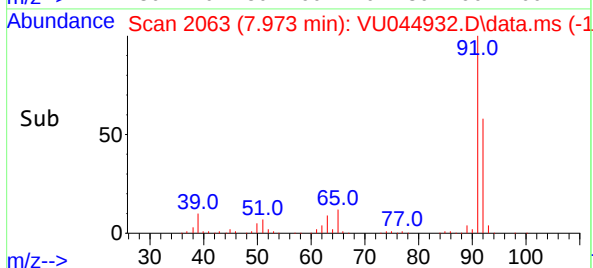
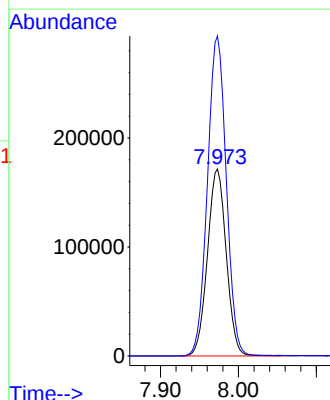
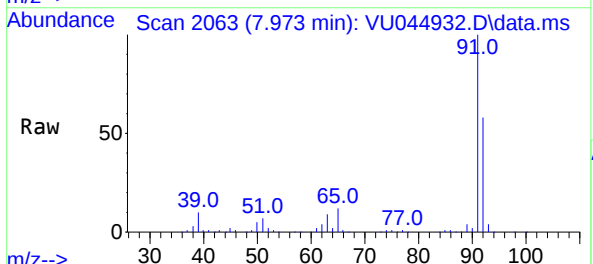
Manual Integrations
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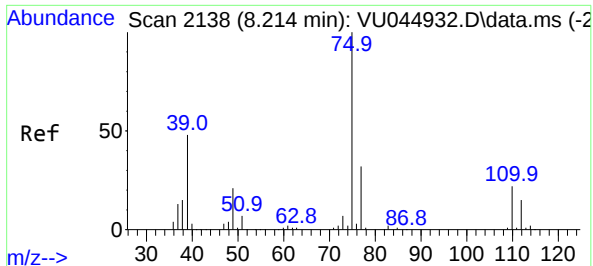
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#52
Toluene
Concen: 53.475 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

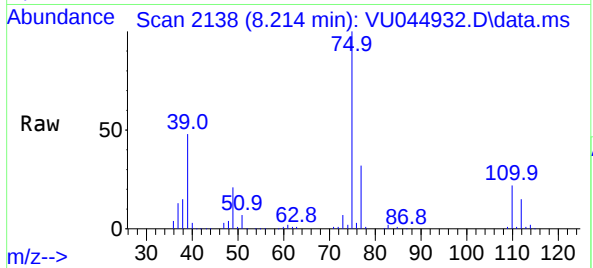
Tgt Ion: 92 Resp: 287286
Ion Ratio Lower Upper
92 100
91 171.7 136.9 205.3





#53
 t-1,3-Dichloropropene
 Concen: 56.244 ug/l
 RT: 8.214 min Scan# 2138
 Delta R.T. 0.000 min
 Lab File: VU044932.D
 Acq: 28 Sep 2021 11:24

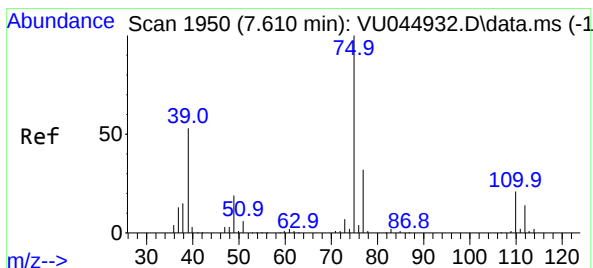
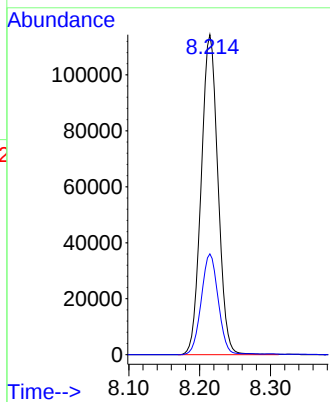
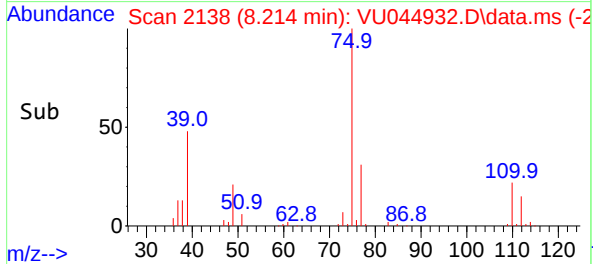
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 75 Resp: 187534
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.6 38.4

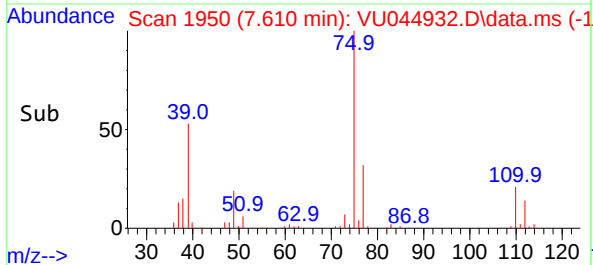
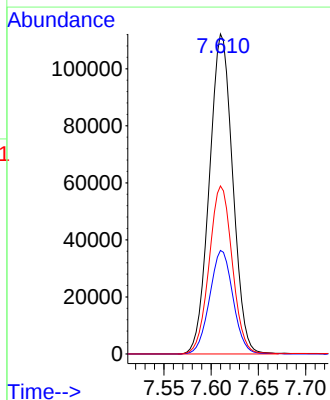
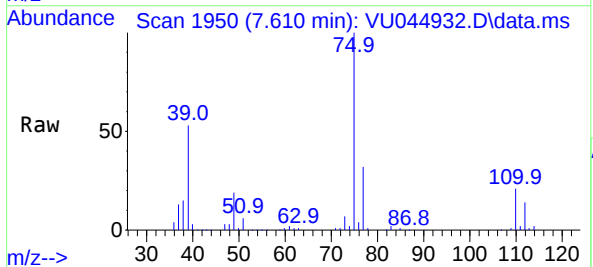
Manual Integrations
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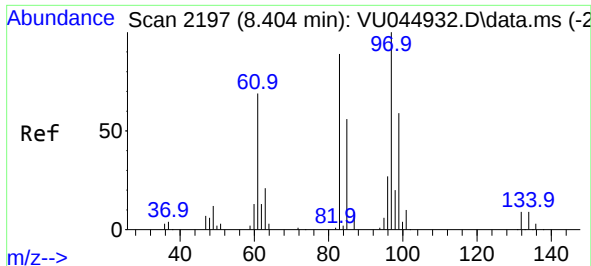
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021



#54
 cis-1,3-Dichloropropene
 Concen: 53.828 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU044932.D
 Acq: 28 Sep 2021 11:24

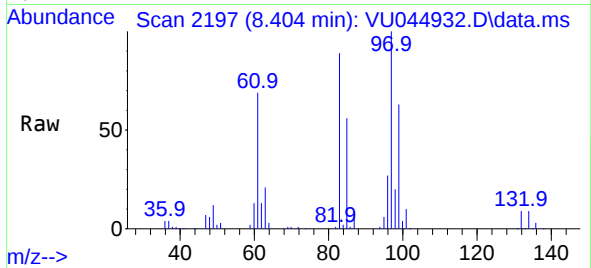
Tgt Ion: 75 Resp: 192755
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.0 37.6
 39 52.5 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 51.734 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

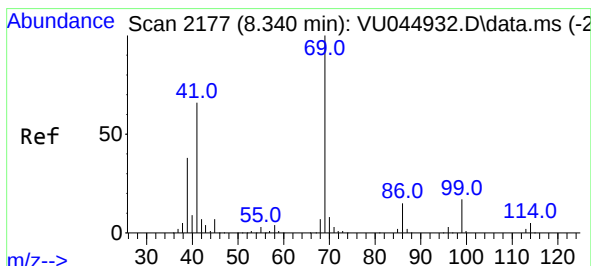
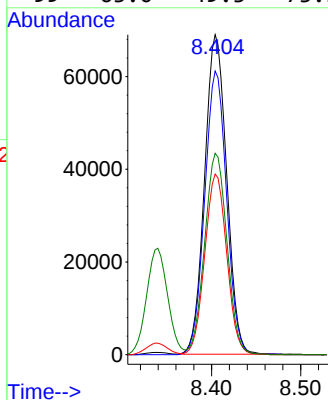
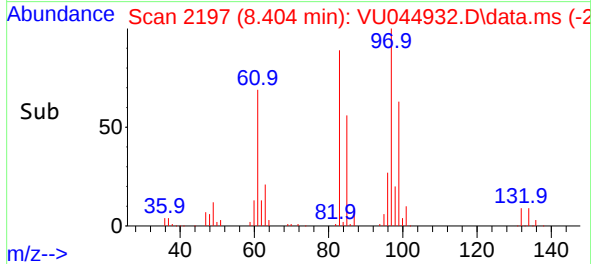
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050



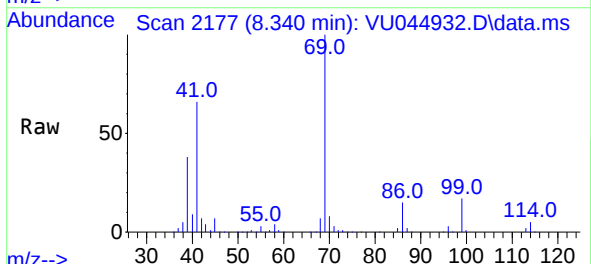
Tgt Ion: 97 Resp: 118570
Ion Ratio Lower Upper
97 100
83 88.8 69.7 104.5
85 56.6 44.8 67.2
99 63.0 49.3 73.9

Manual Integrations
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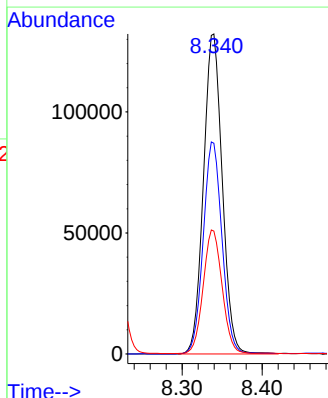
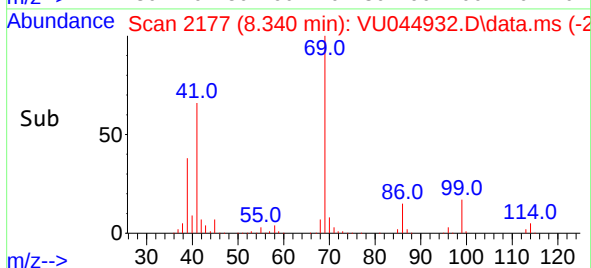
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

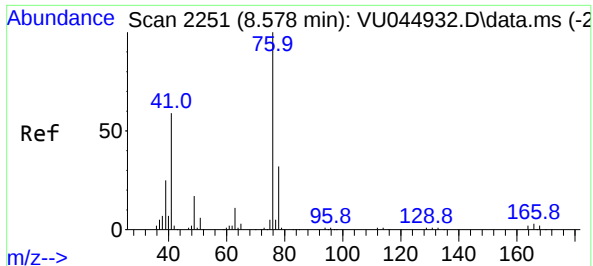


#56
Ethyl methacrylate
Concen: 58.796 ug/l
RT: 8.340 min Scan# 2177
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24



Tgt Ion: 69 Resp: 216361
Ion Ratio Lower Upper
69 100
41 66.2 53.5 80.3
39 38.7 31.1 46.7





#57

1,3-Dichloropropane

Concen: 51.765 ug/l

RT: 8.578 min Scan# 21115

Delta R.T. 0.000 min

Lab File: VU044932.D

Acq: 28 Sep 2021 11:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 21115

Ion Ratio Lower Upper

76 100

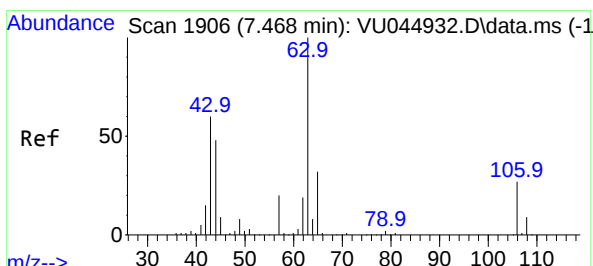
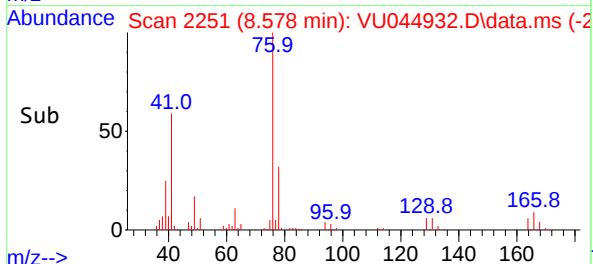
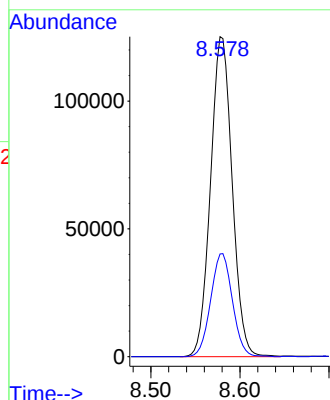
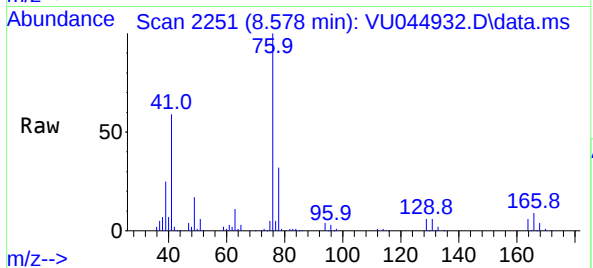
78 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#58

2-Chloroethyl Vinyl ether

Concen: 367.707 ug/l

RT: 7.468 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VU044932.D

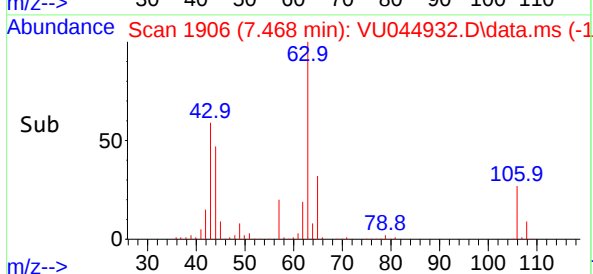
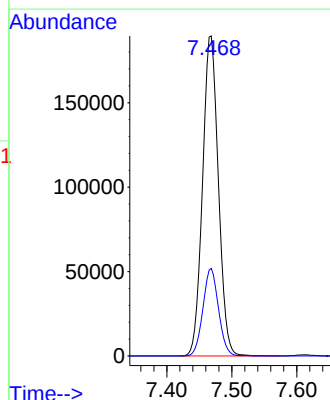
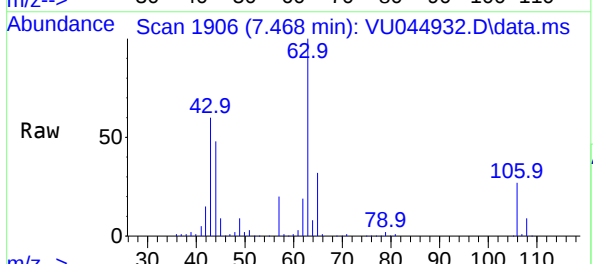
Acq: 28 Sep 2021 11:24

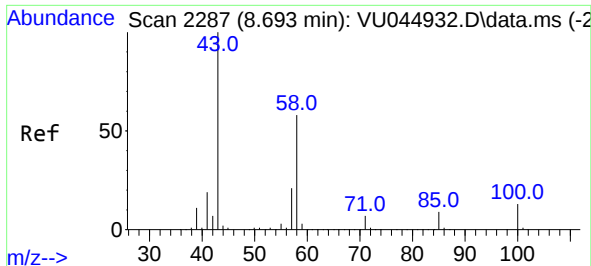
Tgt Ion: 63 Resp: 321881

Ion Ratio Lower Upper

63 100

106 26.9 20.5 30.7





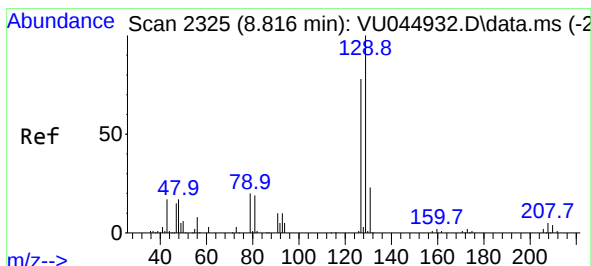
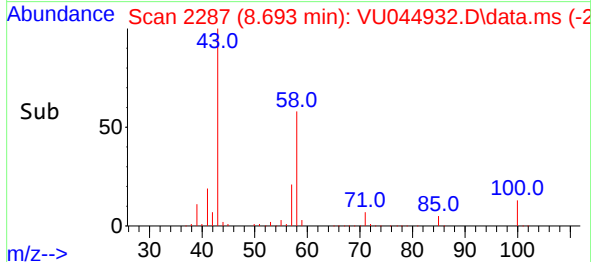
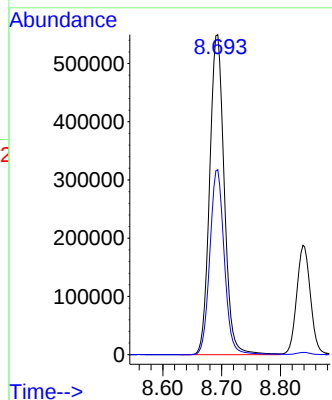
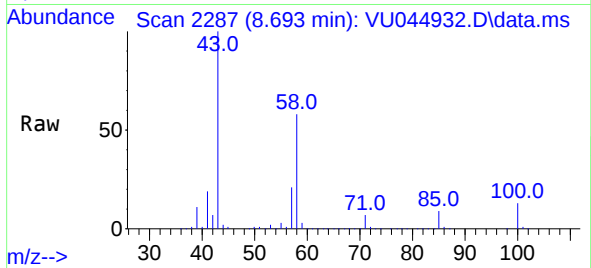
#59
2-Hexanone
Concen: 272.879 ug/l
RT: 8.693 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 94891
Ion Ratio Lower Upper
43 100
58 57.3 28.0 84.0

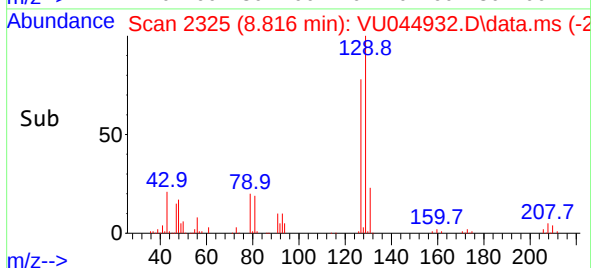
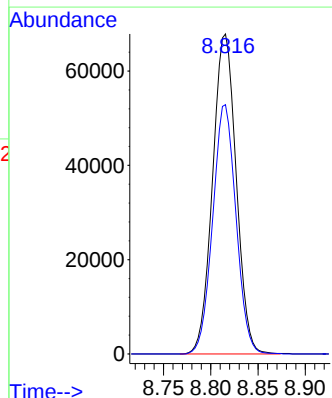
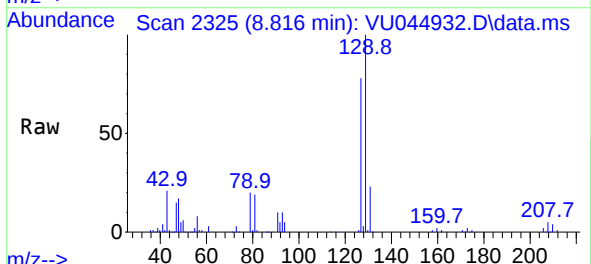
Manual Integrations
APPROVED

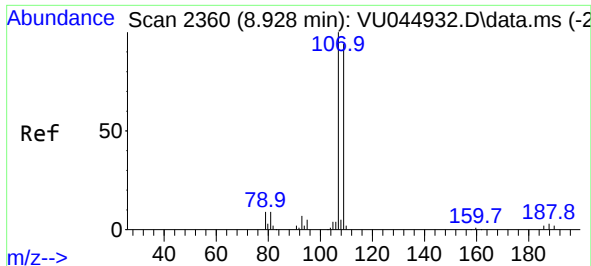
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#60
Dibromochloromethane
Concen: 53.551 ug/l
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

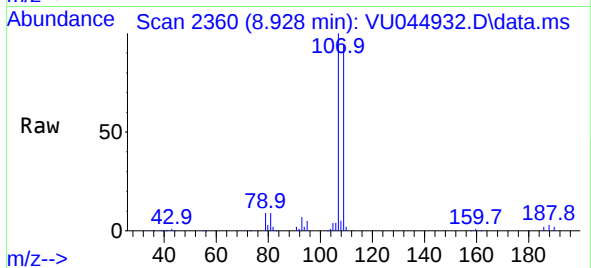
Tgt Ion:129 Resp: 117927
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0





#61
1,2-Dibromoethane
Concen: 53.102 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

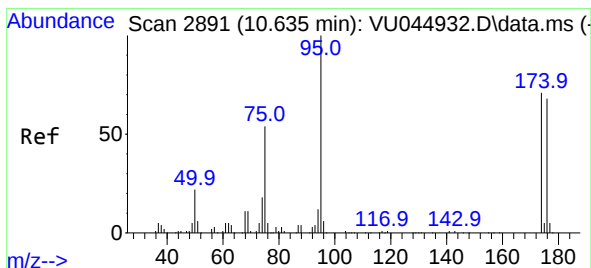
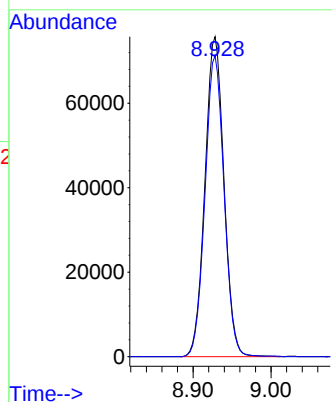
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050



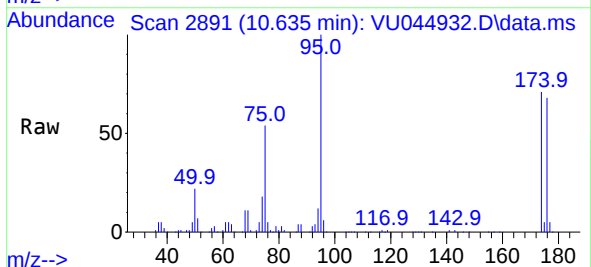
Tgt Ion:107 Resp: 128395
Ion Ratio Lower Upper
107 100
109 93.7 74.8 112.2

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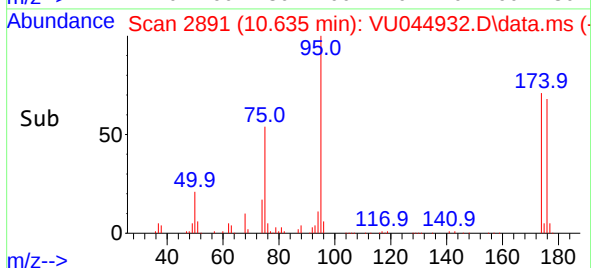
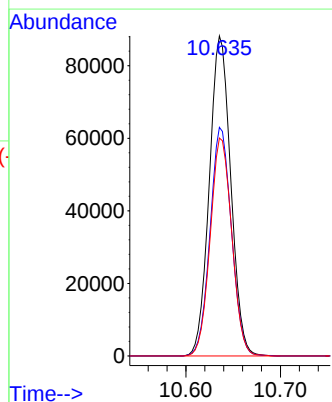
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

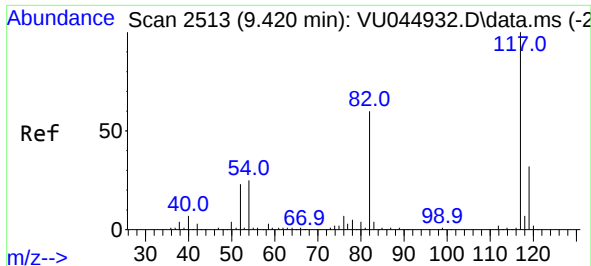


#62
4-Bromofluorobenzene
Concen: 51.619 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24



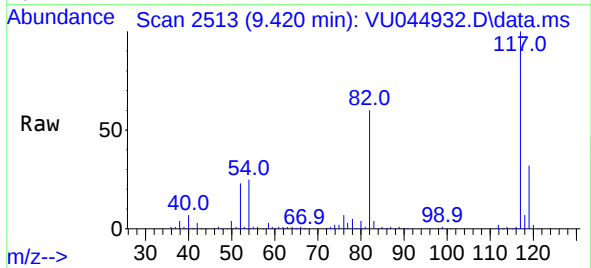
Tgt Ion: 95 Resp: 138862
Ion Ratio Lower Upper
95 100
174 71.3 0.0 146.6
176 68.5 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

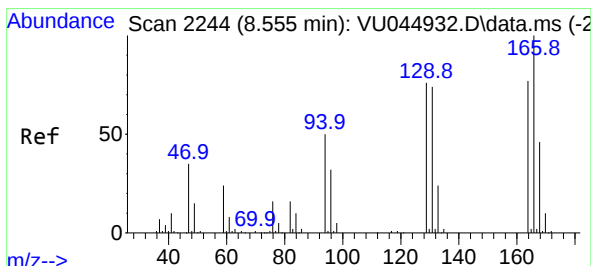
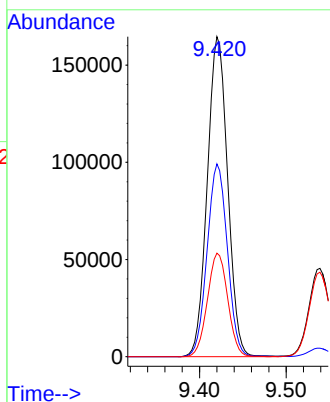
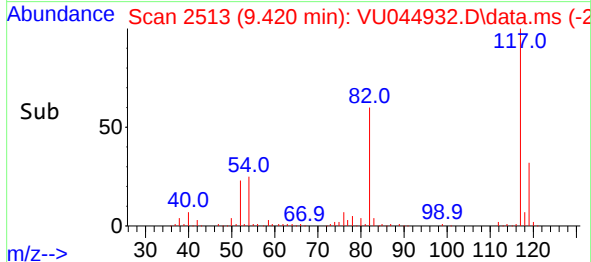
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050



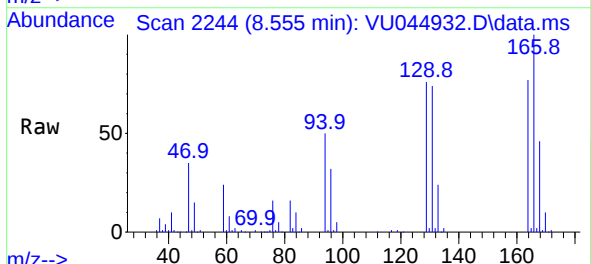
Tgt Ion:117 Resp: 269218
Ion Ratio Lower Upper
117 100
82 60.2 47.8 71.8
119 32.3 25.8 38.6

Manual Integrations
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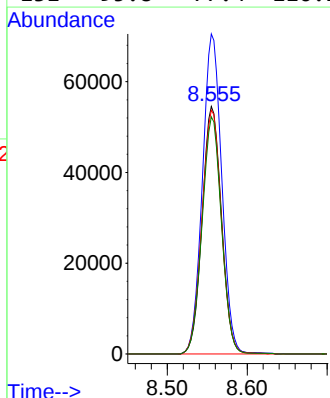
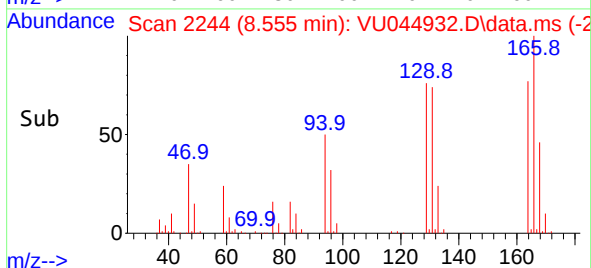
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

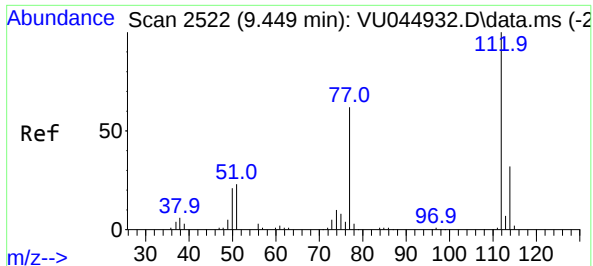


#64
Tetrachloroethene
Concen: 50.617 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24



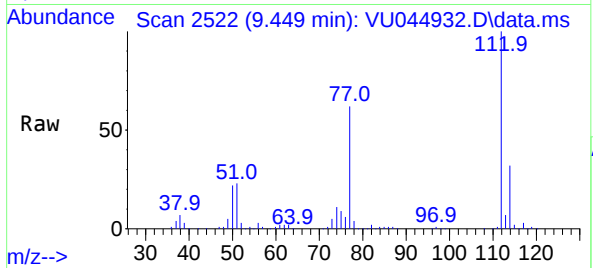
Tgt Ion:164 Resp: 91889
Ion Ratio Lower Upper
164 100
166 129.3 102.8 154.2
129 98.5 79.4 119.2
131 95.8 77.4 116.2





#65
Chlorobenzene
Concen: 52.702 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

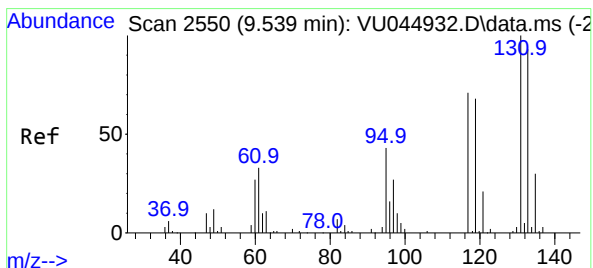
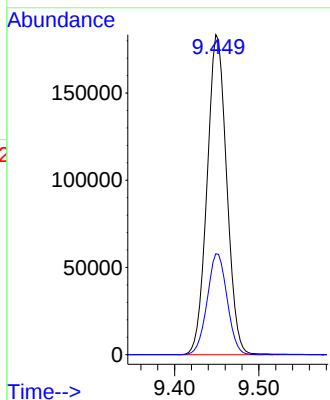
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 297028
Ion Ratio Lower Upper
112 100
114 31.6 25.9 38.9

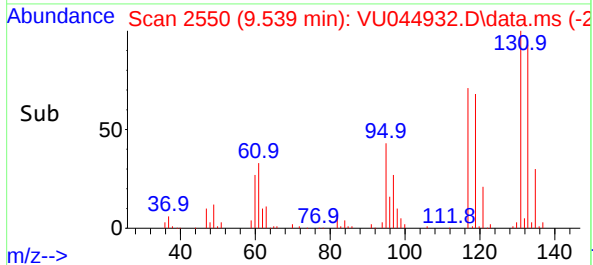
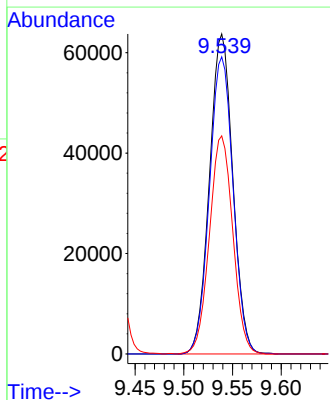
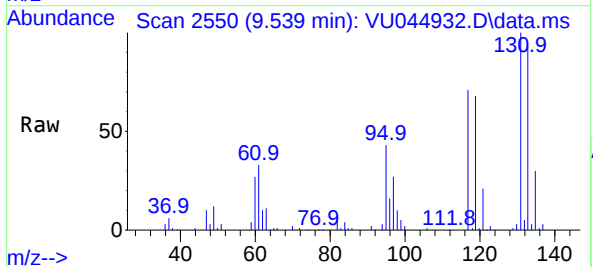
Manual Integrations
APPROVED

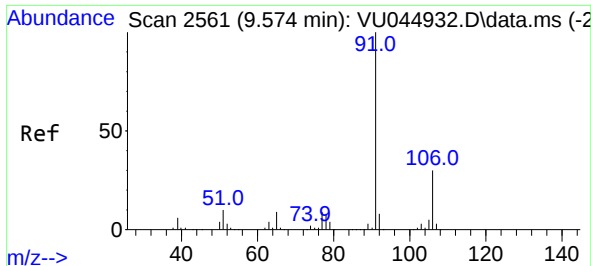
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 52.818 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

Tgt Ion:131 Resp: 106104
Ion Ratio Lower Upper
131 100
133 94.1 48.1 144.3
119 68.3 34.1 102.3





#67

Ethyl Benzene

Concen: 55.730 ug/l

RT: 9.574 min Scan# 2561

Delta R.T. 0.000 min

Lab File: VU044932.D

Acq: 28 Sep 2021 11:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 56218

Ion Ratio Lower Upper

91 100

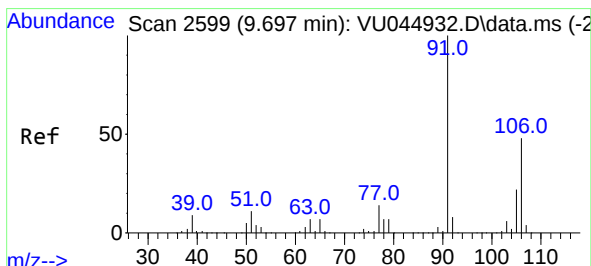
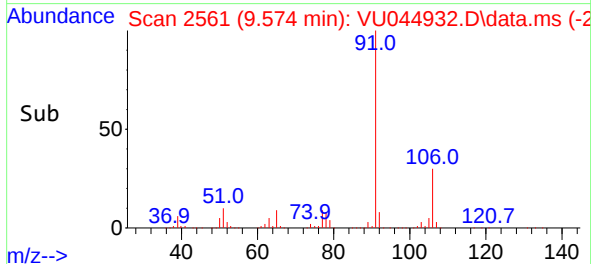
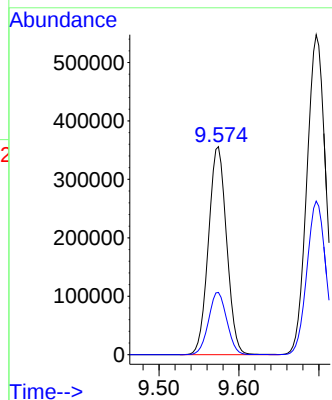
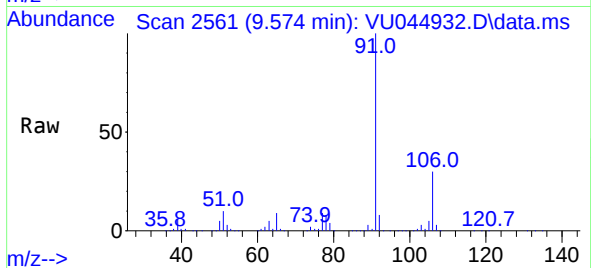
106 30.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#68

m/p-Xylenes

Concen: 112.497 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU044932.D

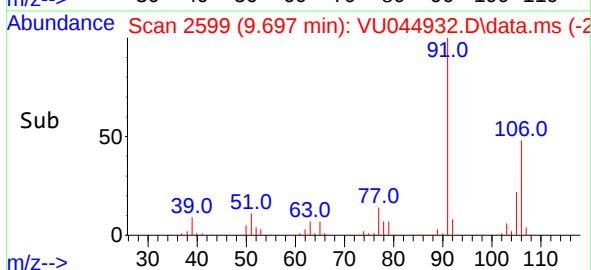
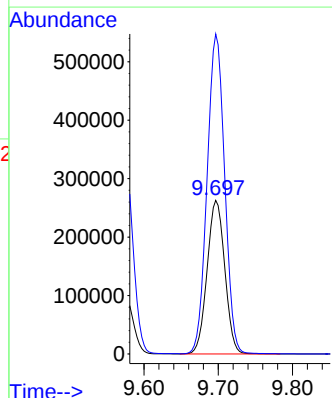
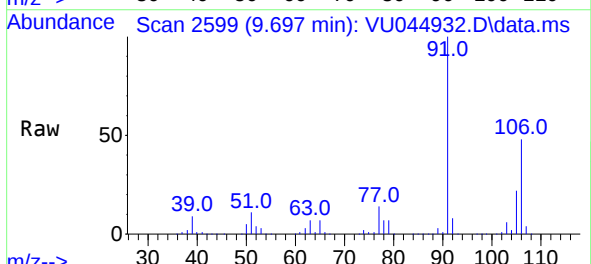
Acq: 28 Sep 2021 11:24

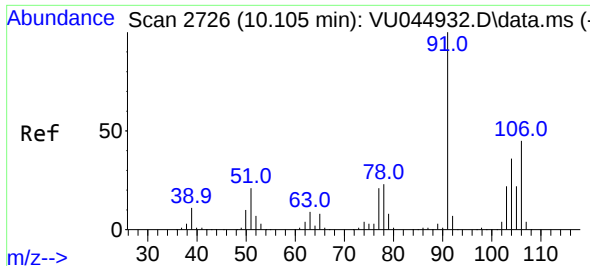
Tgt Ion:106 Resp: 433589

Ion Ratio Lower Upper

106 100

91 207.4 164.2 246.2





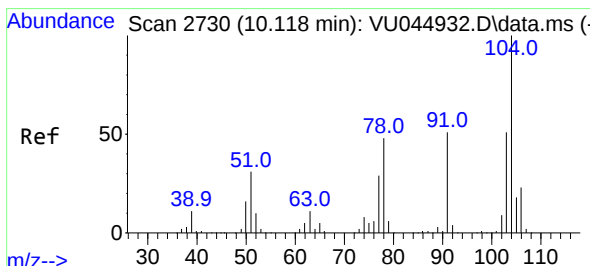
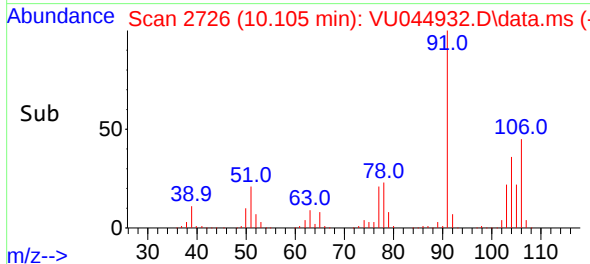
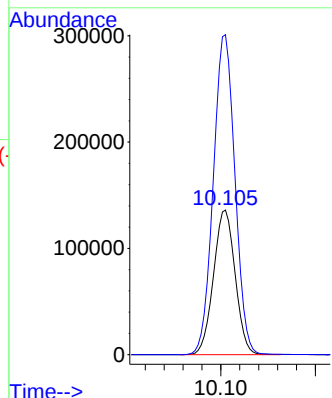
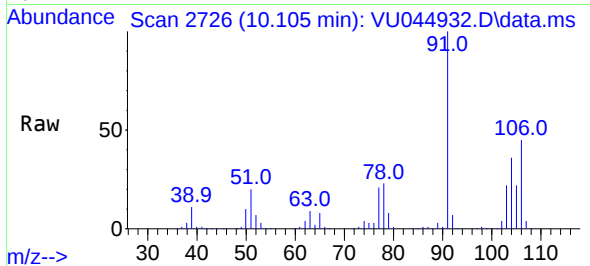
#69
o-Xylene
Concen: 57.711 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 216459
Ion Ratio Lower Upper
106 100
91 221.4 108.9 326.7

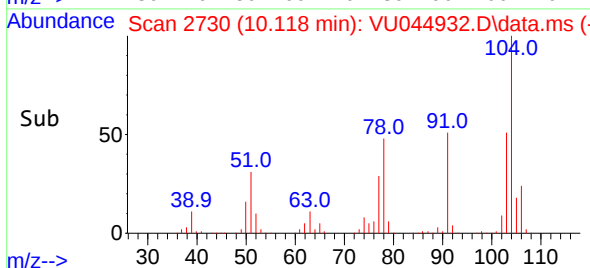
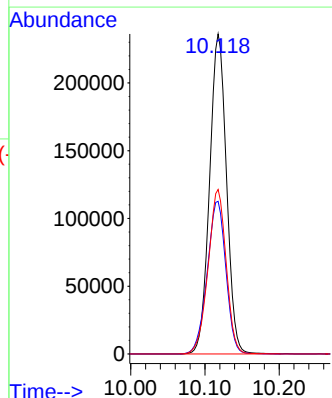
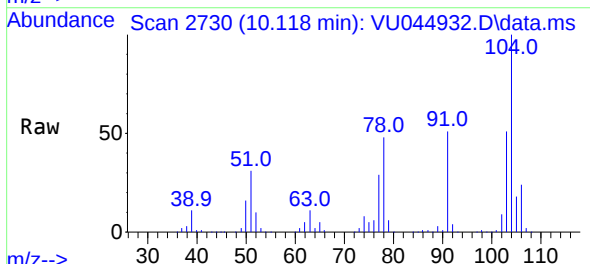
Manual Integrations
APPROVED

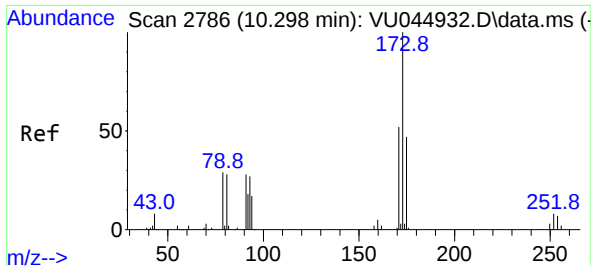
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#70
Styrene
Concen: 59.142 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

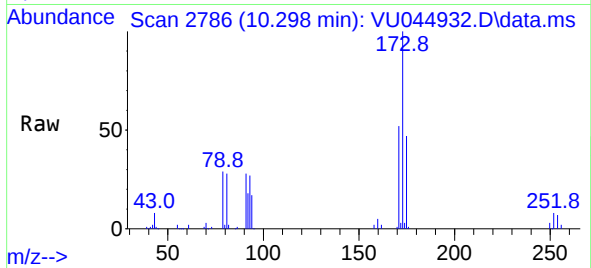
Tgt Ion:104 Resp: 373206
Ion Ratio Lower Upper
104 100
78 52.8 41.4 62.0
103 54.9 43.5 65.3





#71
Bromoform
Concen: 56.280 ug/l
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

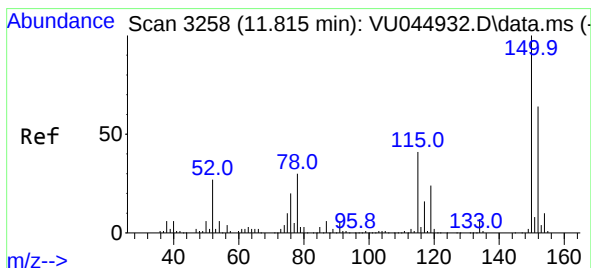
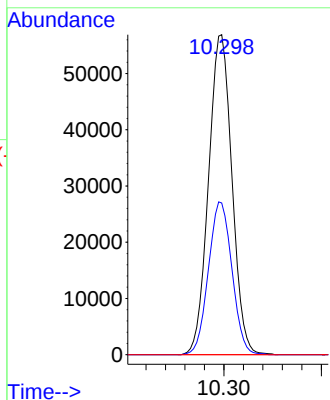
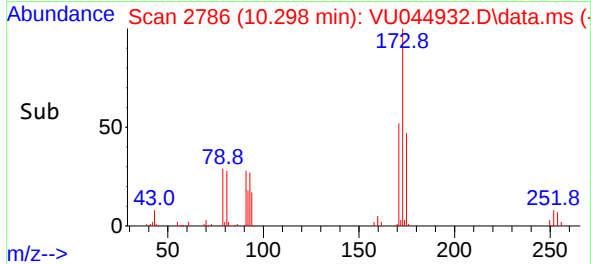
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050



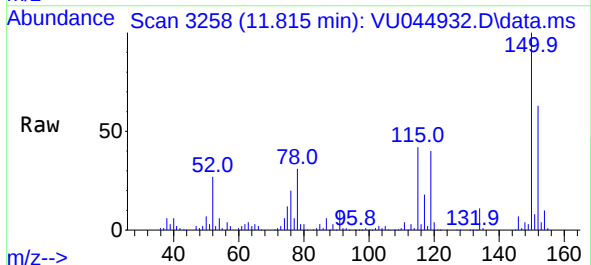
Tgt Ion:173 Resp: 94954
Ion Ratio Lower Upper
173 100
175 48.0 24.3 73.0
254 0.0 0.0 0.0

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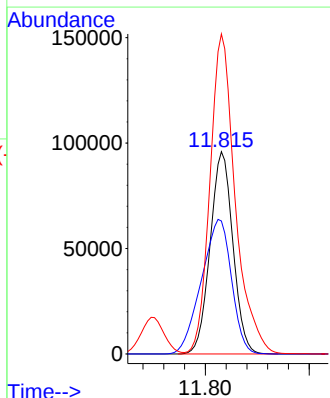
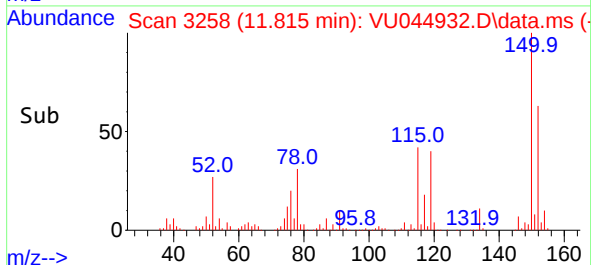
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

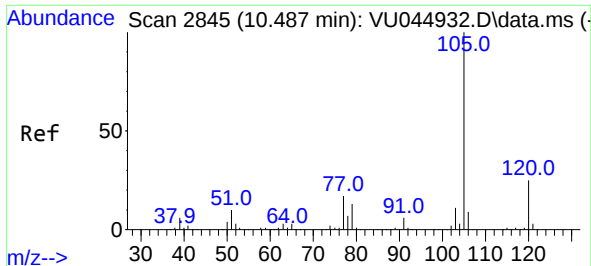


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24



Tgt Ion:152 Resp: 145874
Ion Ratio Lower Upper
152 100
115 87.7 43.5 130.7
150 175.5 0.0 350.0





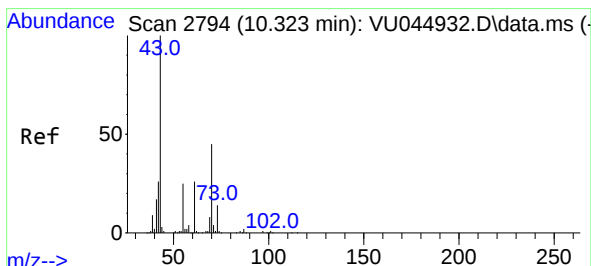
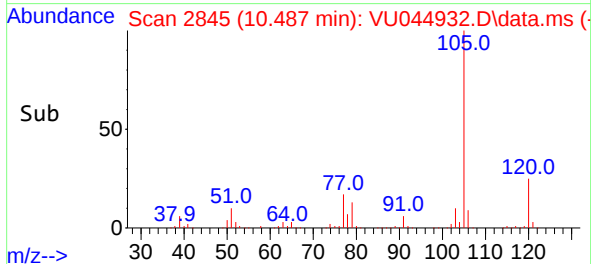
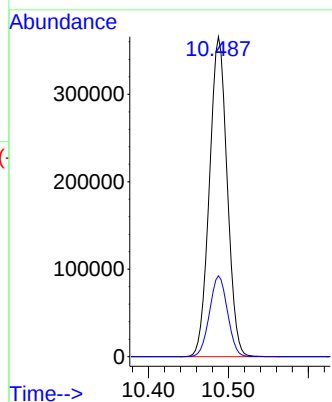
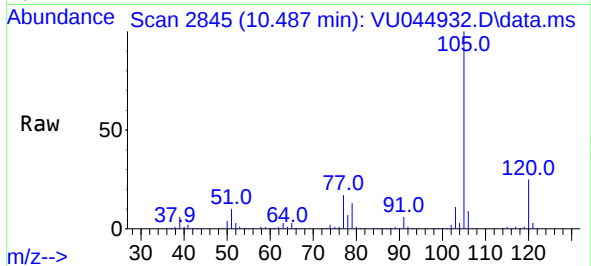
#73
Isopropylbenzene
Concen: 54.175 ug/l
RT: 10.487 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 563214
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.3

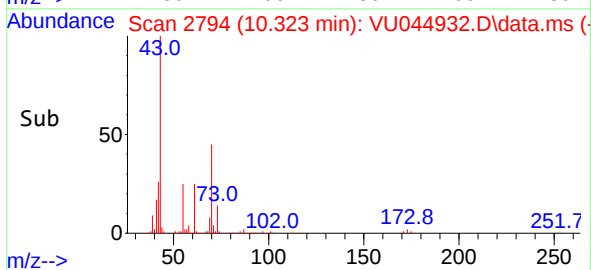
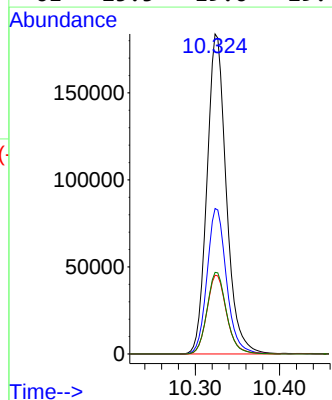
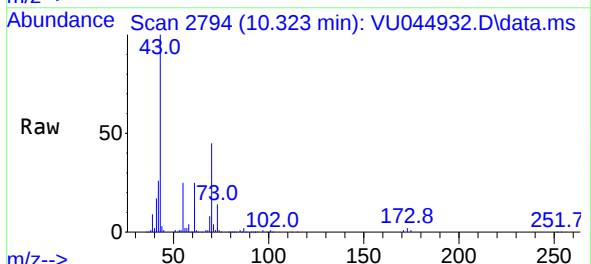
Manual Integrations
APPROVED

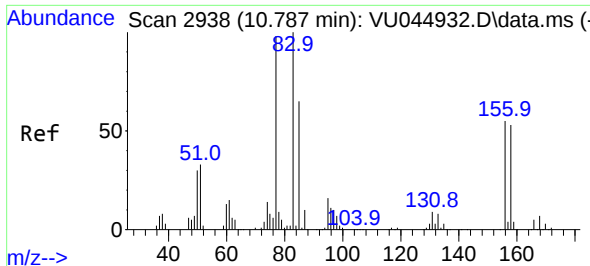
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#74
N-ethyl acetate
Concen: 55.272 ug/l
RT: 10.323 min Scan# 2794
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

Tgt Ion: 43 Resp: 294053
Ion Ratio Lower Upper
43 100
70 45.8 35.1 52.7
55 25.1 20.5 30.7
61 25.5 19.6 29.4





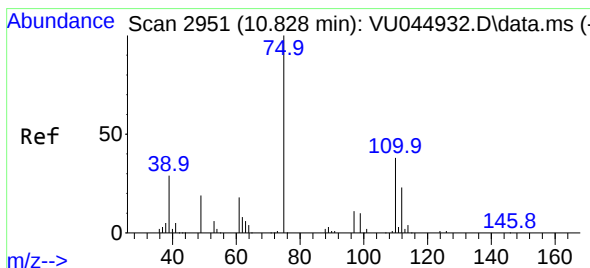
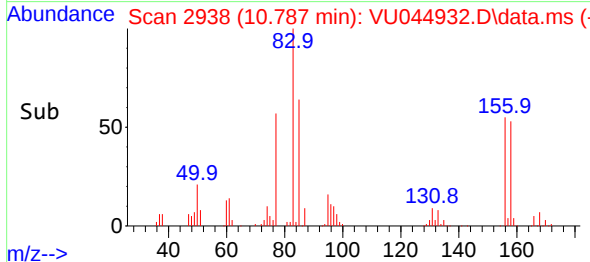
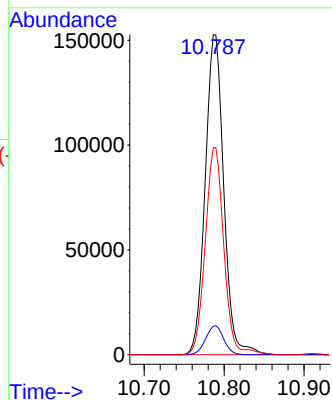
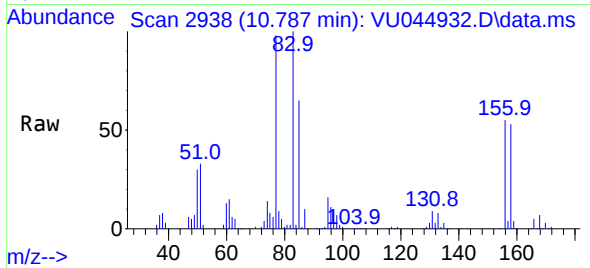
#75
1,1,2,2-Tetrachloroethane
Concen: 51.526 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 24620
Ion Ratio Lower Upper
83 100
131 8.8 4.3 13.1
85 64.9 31.9 95.5

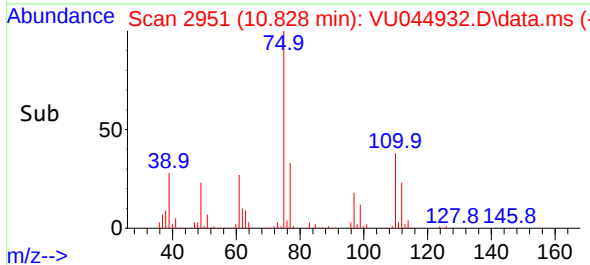
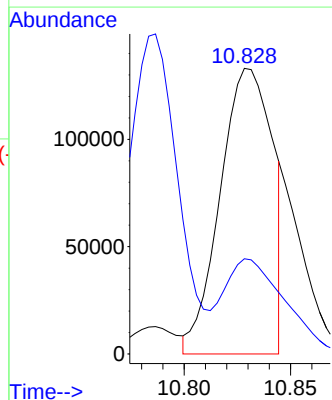
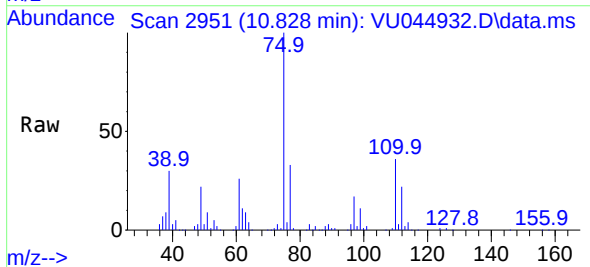
Manual Integrations
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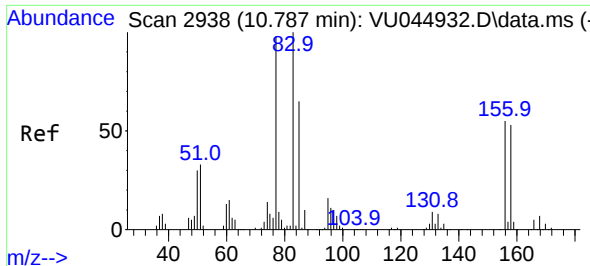
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#76
1,2,3-Trichloropropane
Concen: 51.128 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

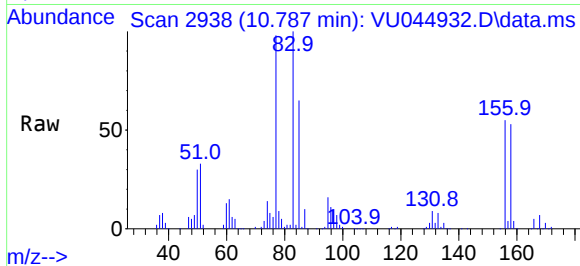
Tgt Ion: 75 Resp: 227825
Ion Ratio Lower Upper
75 100
77 38.8 17.9 53.7





#77
Bromobenzene
Concen: 54.051 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

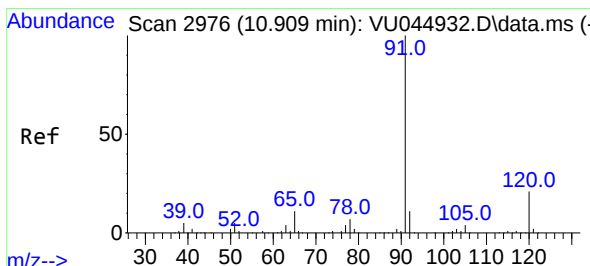
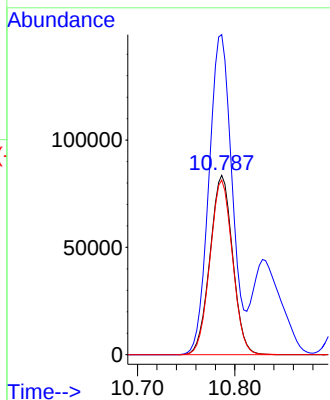
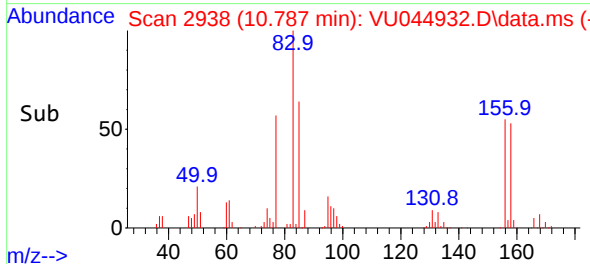
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050



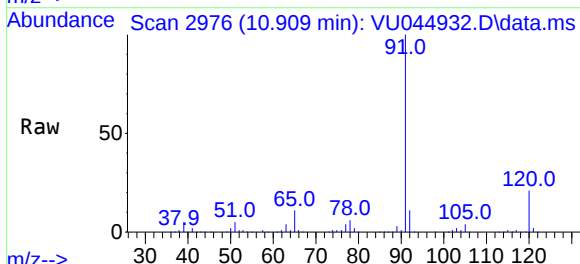
Tgt Ion:156 Resp: 135258
Ion Ratio Lower Upper
156 100
77 182.6 91.1 273.4
158 96.6 48.2 144.6

Manual Integrations
APPROVED

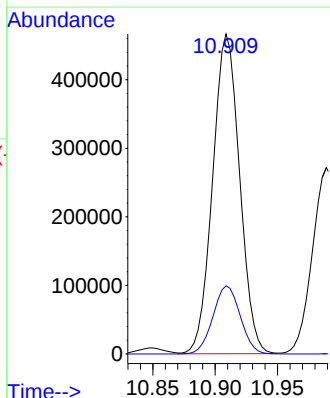
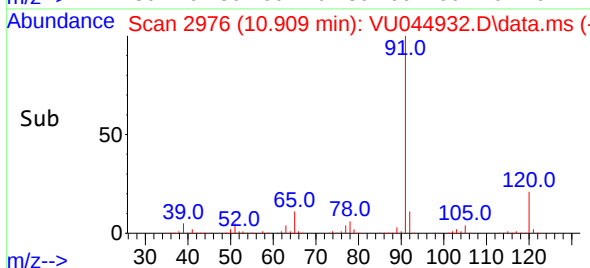
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

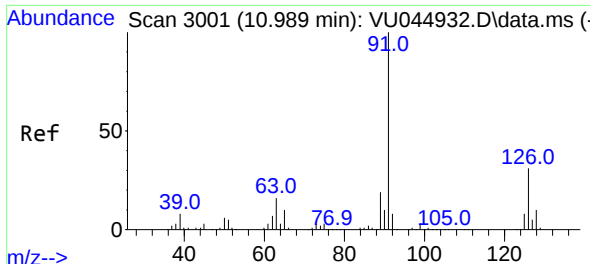


#78
n-propylbenzene
Concen: 55.559 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24



Tgt Ion: 91 Resp: 702310
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.4





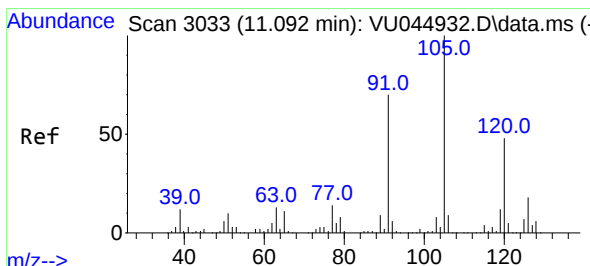
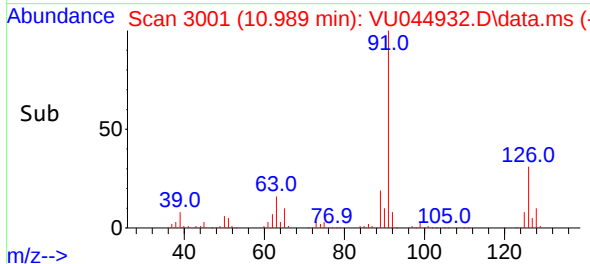
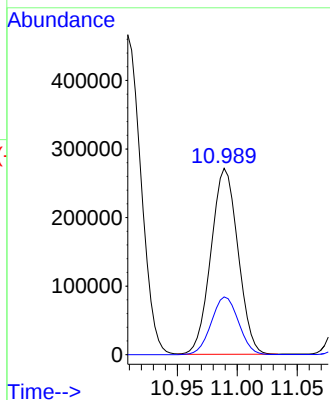
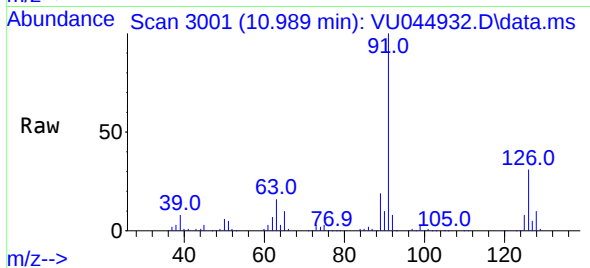
#79
2-Chlorotoluene
Concen: 54.982 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 425124
Ion Ratio Lower Upper
91 100
126 31.4 15.7 47.0

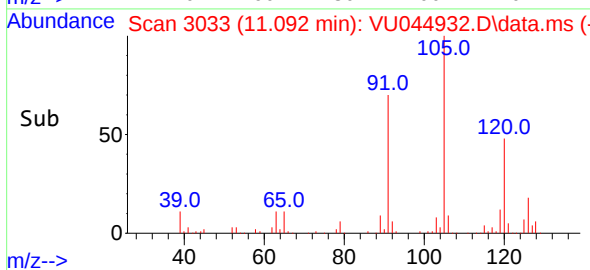
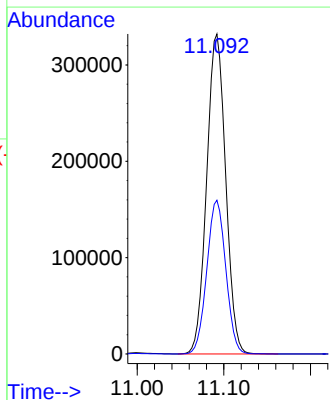
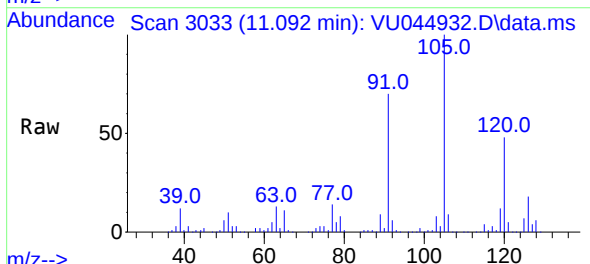
Manual Integrations
APPROVED

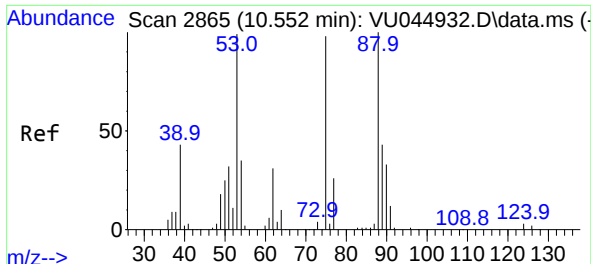
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#80
1,3,5-Trimethylbenzene
Concen: 57.127 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

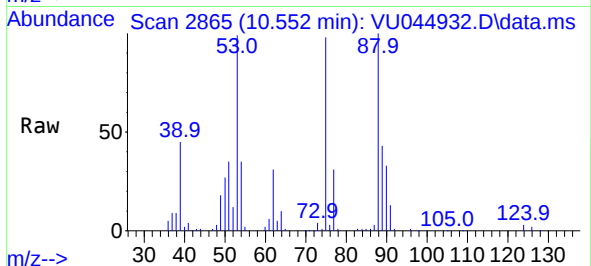
Tgt Ion:105 Resp: 506264
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 57.836 ug/l
RT: 10.552 min Scan# 2865
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

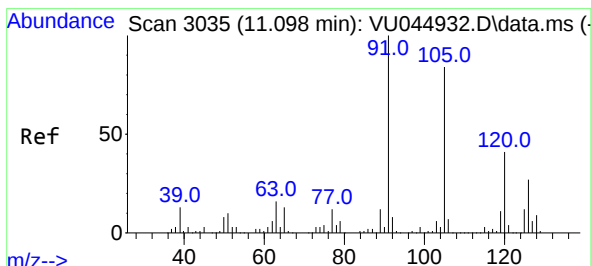
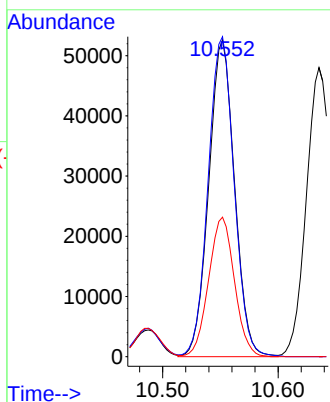
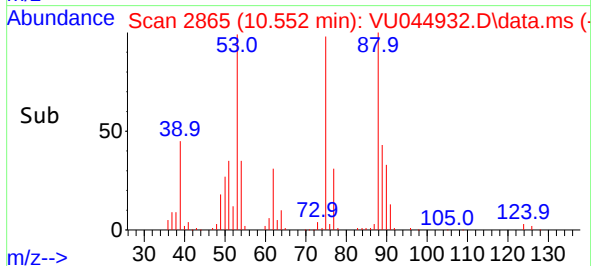
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050



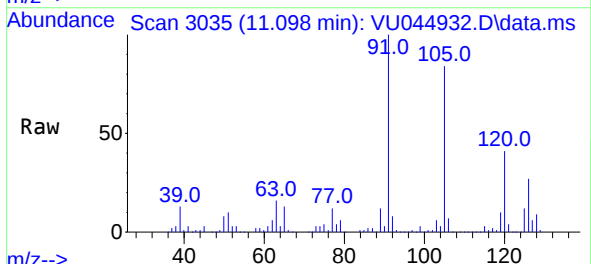
Tgt Ion: 75 Resp: 81582
Ion Ratio Lower Upper
75 100
53 101.9 82.0 123.0
89 44.1 34.2 51.4

Manual Integrations
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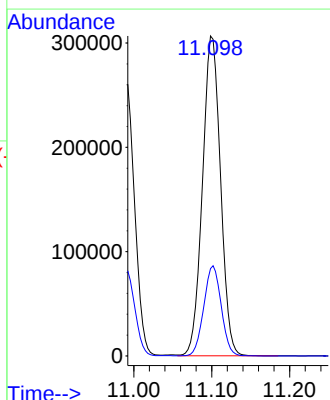
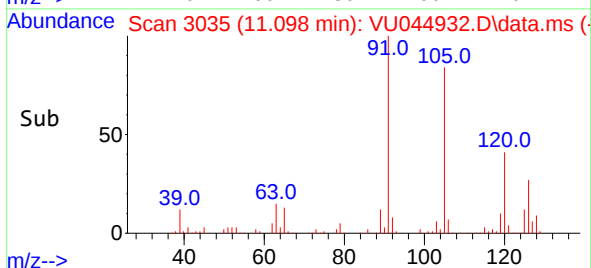
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

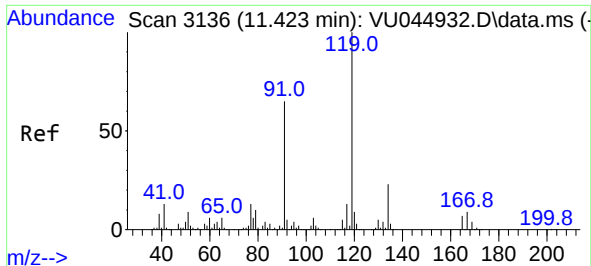


#82
4-Chlorotoluene
Concen: 55.992 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24



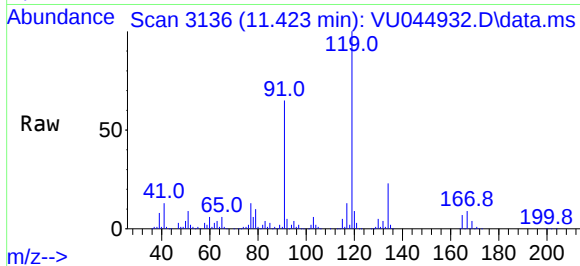
Tgt Ion: 91 Resp: 493383
Ion Ratio Lower Upper
91 100
126 27.2 13.8 41.4





#83
tert-Butylbenzene
Concen: 56.805 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

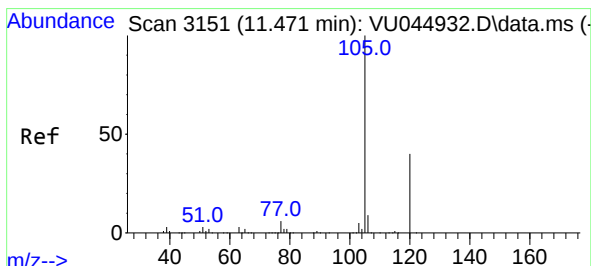
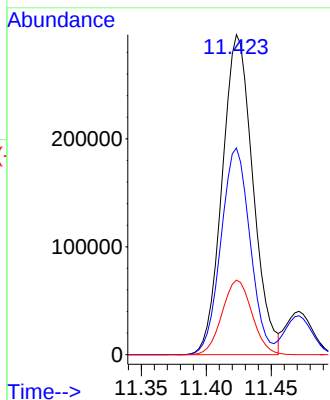
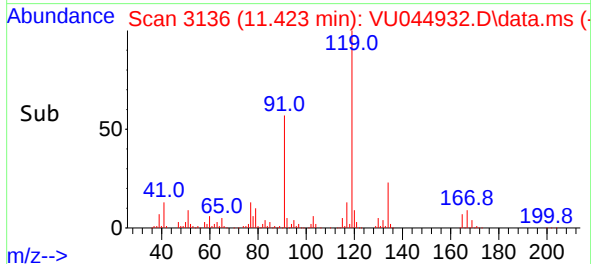
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050



Tgt Ion:119 Resp: 488288
Ion Ratio Lower Upper
119 100
91 61.3 30.4 91.2
134 22.7 11.5 34.5

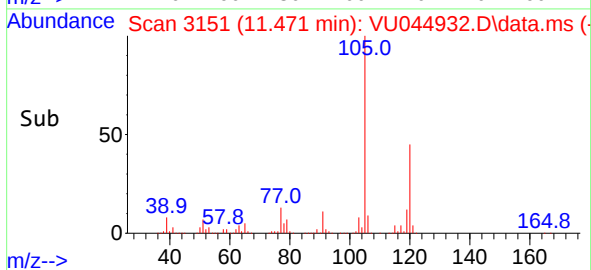
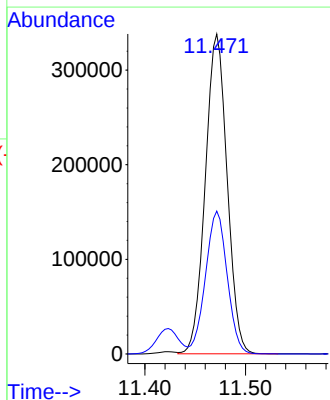
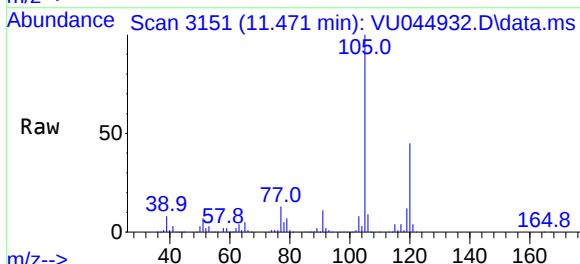
Manual Integrations
APPROVED

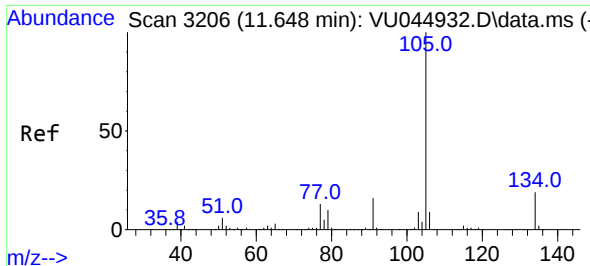
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#84
1,2,4-Trimethylbenzene
Concen: 58.172 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

Tgt Ion:105 Resp: 509369
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.3





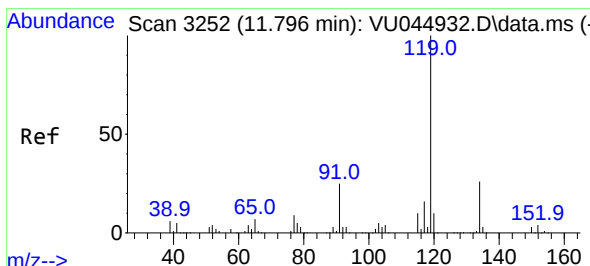
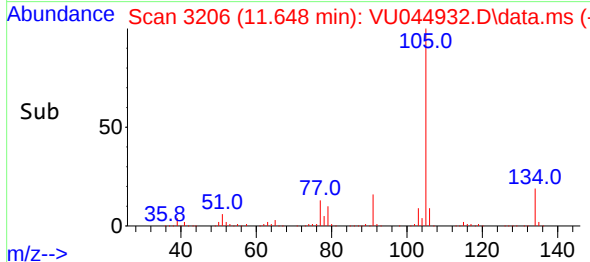
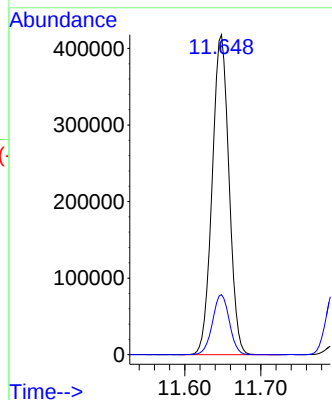
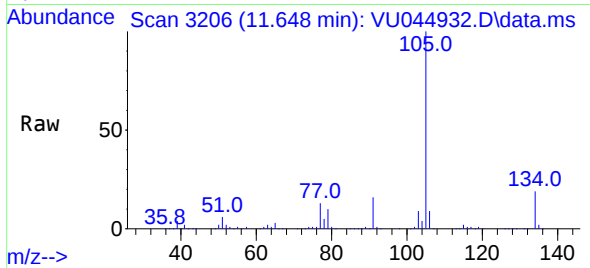
#85
 sec-Butylbenzene
 Concen: 57.774 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU044932.D
 Acq: 28 Sep 2021 11:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 63989
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.3 28.0

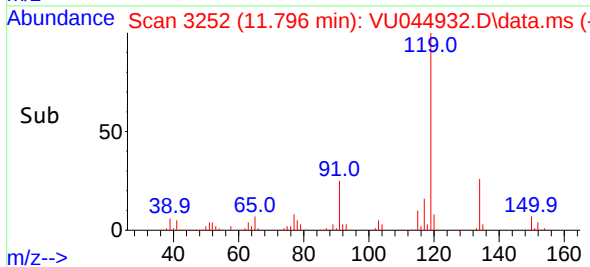
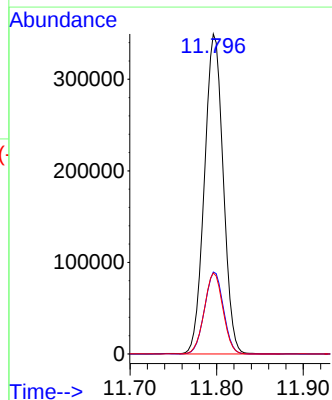
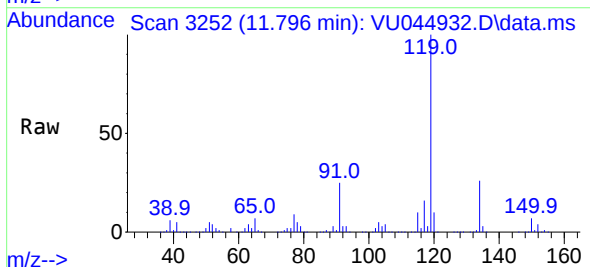
Manual Integrations
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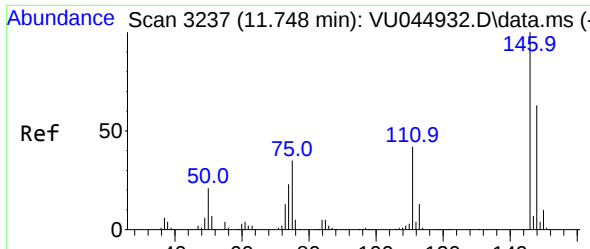
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021



#86
 p-Isopropyltoluene
 Concen: 58.375 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU044932.D
 Acq: 28 Sep 2021 11:24

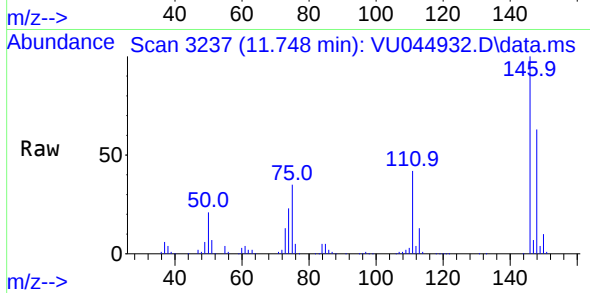
Tgt Ion:119 Resp: 526026
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 25.1 12.2 36.6





#87
1,3-Dichlorobenzene
Concen: 54.128 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

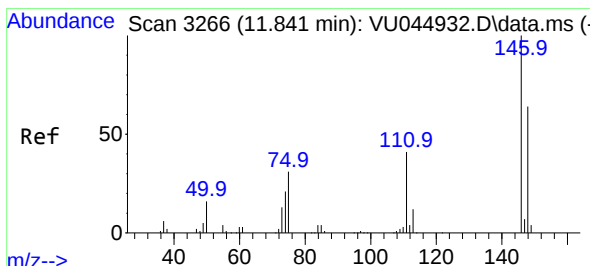
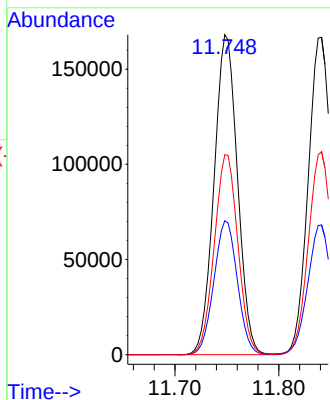
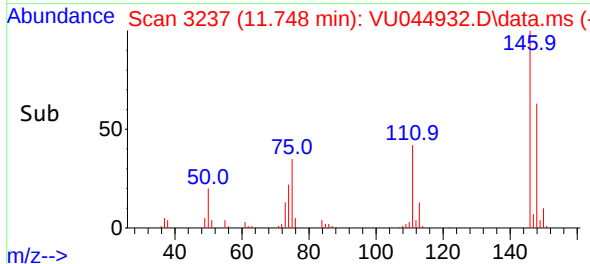
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050



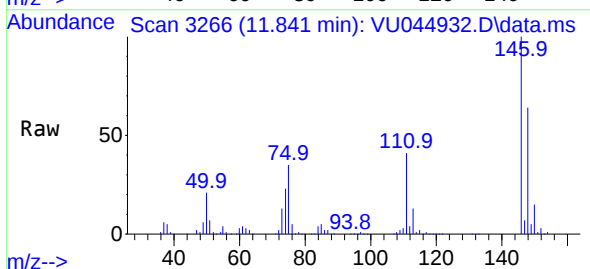
Tgt Ion:146 Resp: 26370
Ion Ratio Lower Upper
146 100
111 42.0 21.2 63.6
148 63.1 32.1 96.3

Manual Integrations
APPROVED

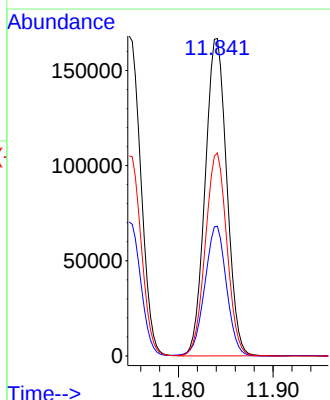
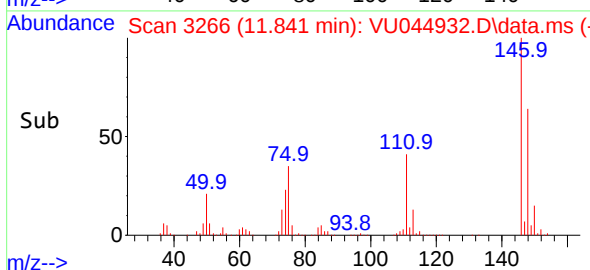
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

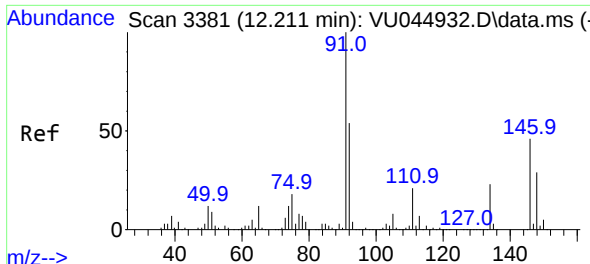


#88
1,4-Dichlorobenzene
Concen: 52.678 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24



Tgt Ion:146 Resp: 264651
Ion Ratio Lower Upper
146 100
111 41.3 20.3 61.0
148 64.0 31.8 95.3





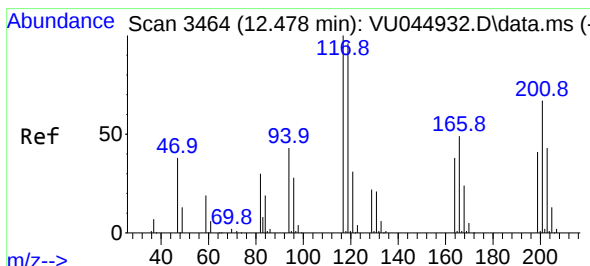
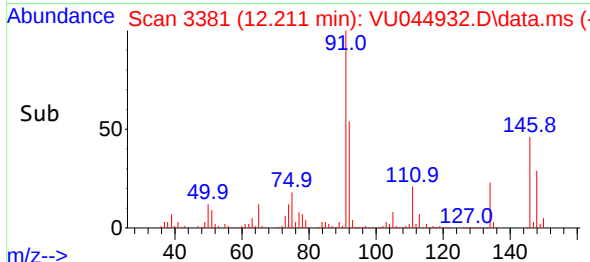
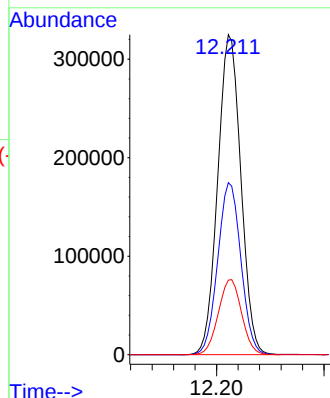
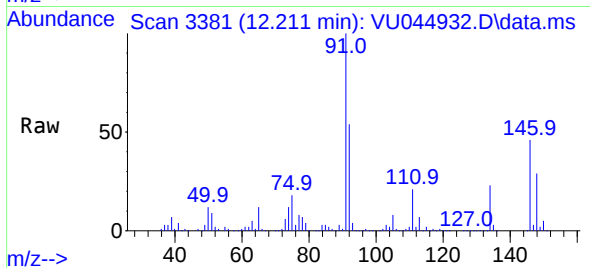
#89
n-Butylbenzene
Concen: 58.573 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 485890
Ion Ratio Lower Upper
91 100
92 53.8 26.8 80.4
134 23.6 11.8 35.4

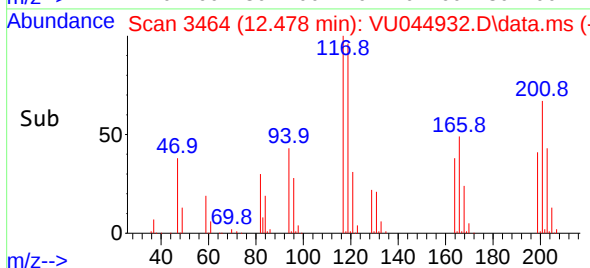
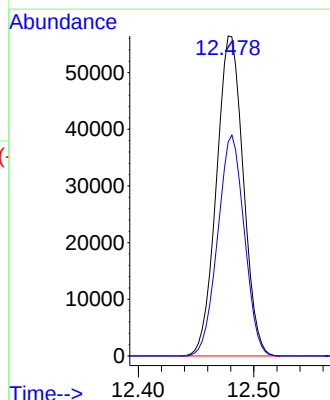
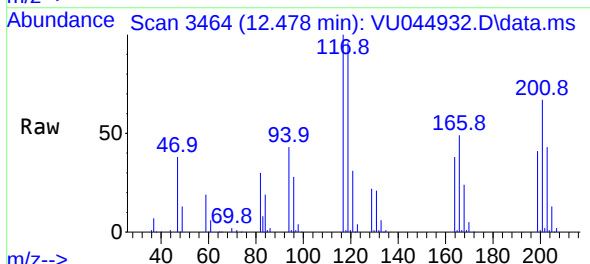
Manual Integrations
APPROVED

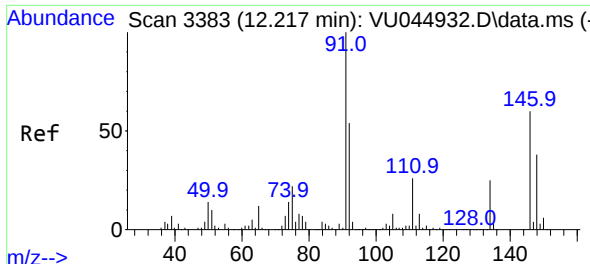
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#90
Hexachloroethane
Concen: 55.712 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

Tgt Ion:117 Resp: 91268
Ion Ratio Lower Upper
117 100
201 68.4 34.8 104.3





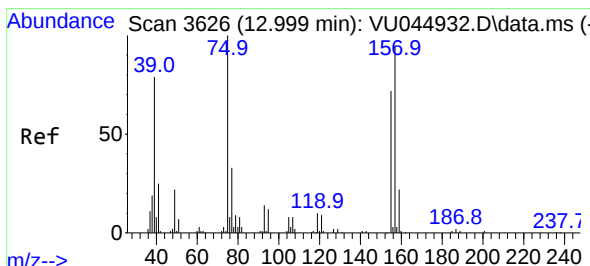
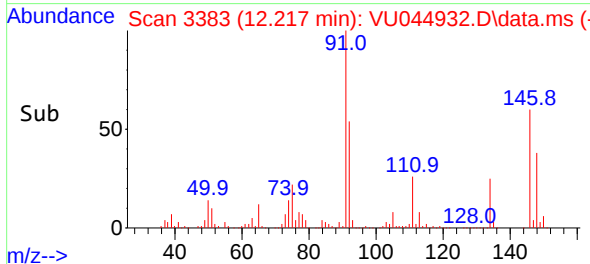
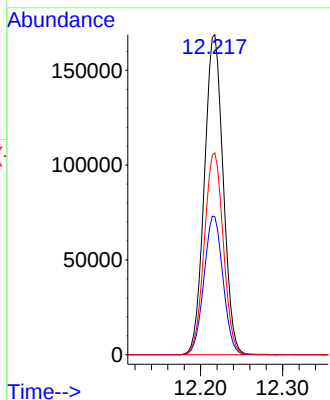
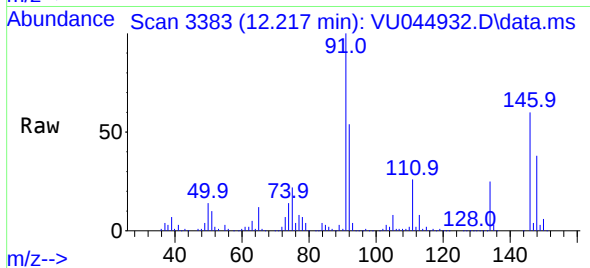
#91
1,2-Dichlorobenzene
Concen: 52.118 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 26818
Ion Ratio Lower Upper
146 100
111 43.9 21.4 64.3
148 63.9 31.8 95.3

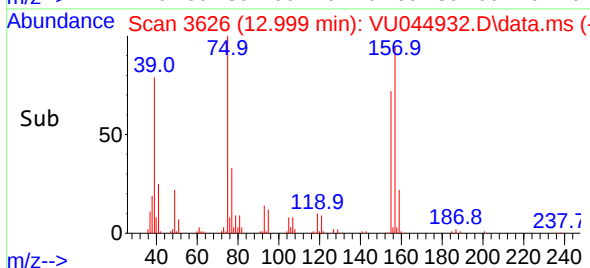
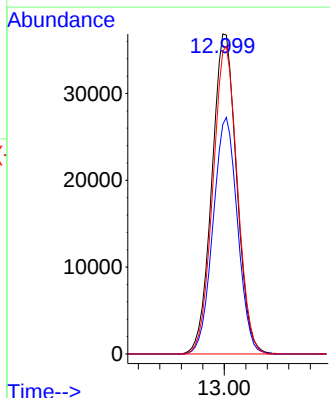
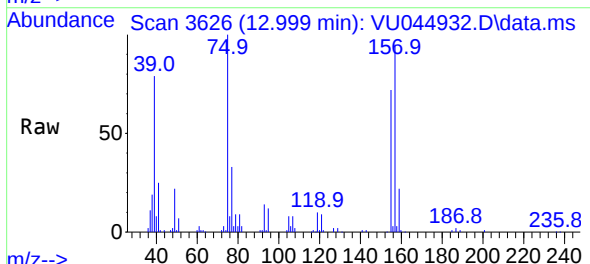
Manual Integrations
APPROVED

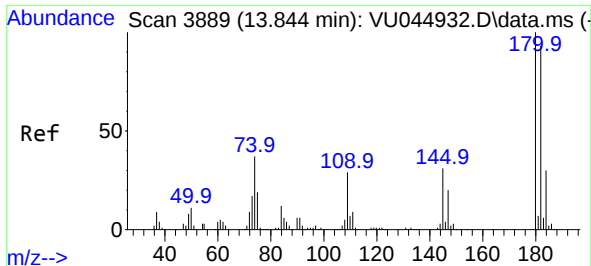
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.670 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

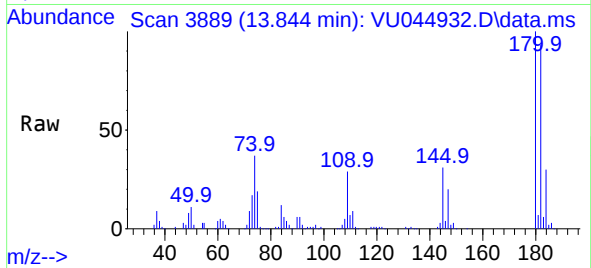
Tgt Ion: 75 Resp: 59015
Ion Ratio Lower Upper
75 100
155 73.0 36.9 110.6
157 94.9 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 54.175 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

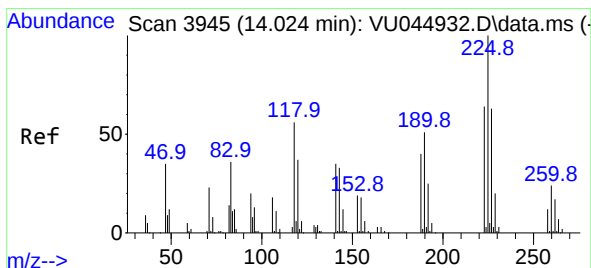
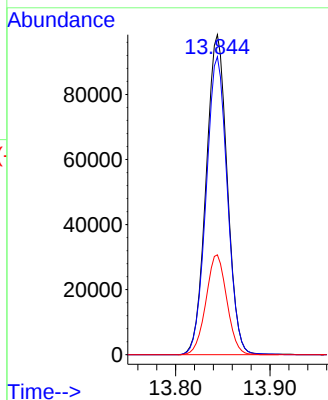
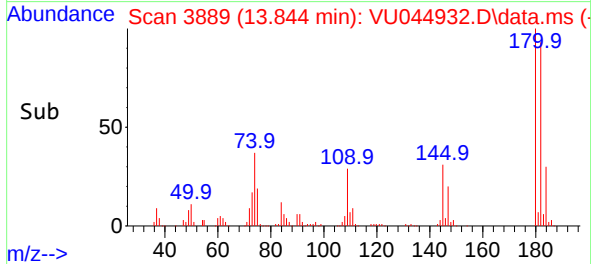
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050



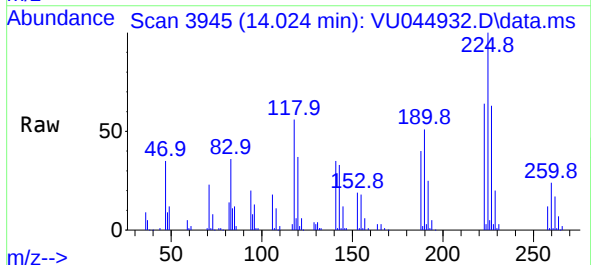
Tgt Ion:180 Resp: 152410
Ion Ratio Lower Upper
180 100
182 93.4 47.4 142.3
145 30.9 15.4 46.2

Manual Integrations
APPROVED

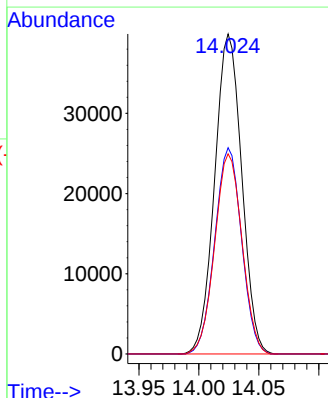
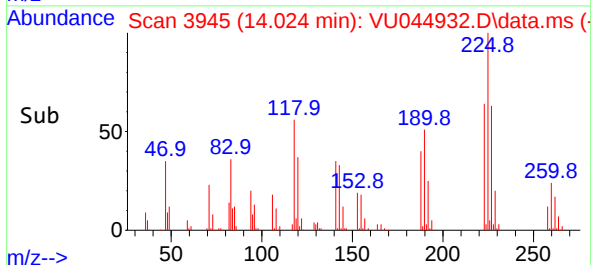
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

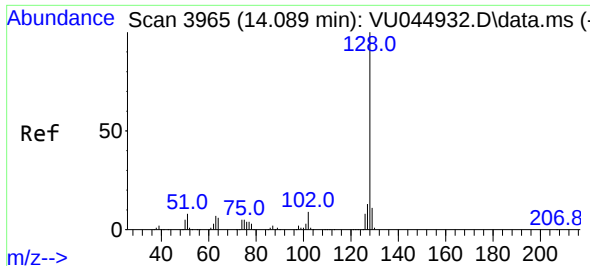


#94
Hexachlorobutadiene
Concen: 50.301 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24



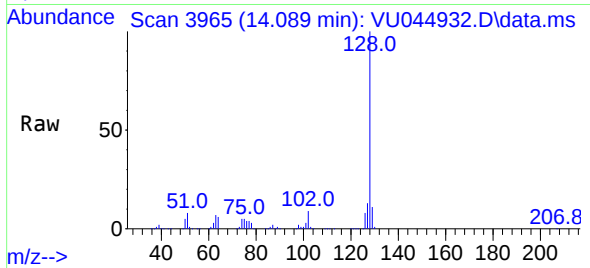
Tgt Ion:225 Resp: 62550
Ion Ratio Lower Upper
225 100
223 63.7 31.1 93.3
227 63.1 31.4 94.3





#95
Naphthalene
Concen: 57.889 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24

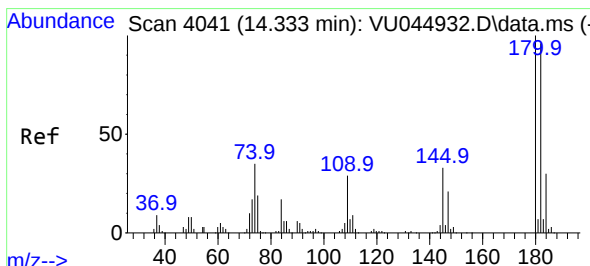
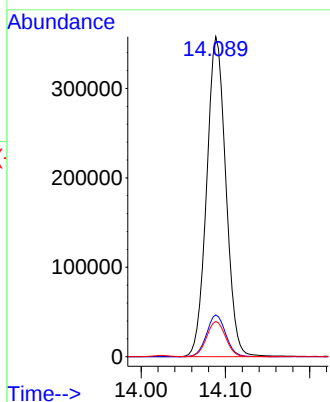
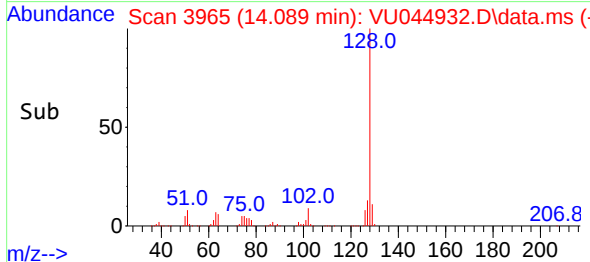
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050



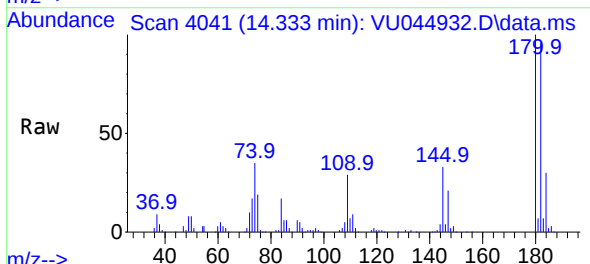
Tgt Ion:128 Resp: 566770
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#96
1,2,3-Trichlorobenzene
Concen: 53.412 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU044932.D
Acq: 28 Sep 2021 11:24



Tgt Ion:180 Resp: 151534
Ion Ratio Lower Upper
180 100
182 95.8 47.1 141.4
145 33.1 16.4 49.2

