

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110921\
 Data File : VU045648.D
 Acq On : 09 Nov 2021 10:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2021
 Supervised By : Mahesh Dadoda 11/16/2021

Quant Time: Nov 10 01:57:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	146925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	253098	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	242961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	127066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	94924	43.140	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.280%		
35) Dibromofluoromethane	5.292	113	73268	43.359	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.720%		
50) Toluene-d8	7.902	98	276311	43.974	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.940%#		
62) 4-Bromofluorobenzene	10.635	95	108746	43.159	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	91691	48.133	ug/l	100
3) Chloromethane	1.523	50	96698	44.365	ug/l	100
4) Vinyl Chloride	1.604	62	103910	48.940	ug/l	100
5) Bromomethane	1.845	94	63000	53.198	ug/l	98
6) Chloroethane	1.928	64	62399	45.033	ug/l	98
7) Trichlorofluoromethane	2.137	101	135640	48.311	ug/l	98
8) Diethyl Ether	2.378	74	55111	49.587	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.581	101	80351	49.011	ug/l	98
10) Methyl Iodide	2.722	142	88608	41.301	ug/l	92
11) Tert butyl alcohol	3.176	59	102683	235.769	ug/l	99
12) 1,1-Dichloroethene	2.581	96	76595	47.385	ug/l	96
13) Acrolein	2.485	56	13880	219.923	ug/l	99
14) Allyl chloride	2.925	41	138242	47.897	ug/l	98
15) Acrylonitrile	3.314	53	279634	240.483	ug/l	99
16) Acetone	2.623	43	297279	265.405	ug/l	100
17) Carbon Disulfide	2.793	76	200759	44.341	ug/l	99
18) Methyl Acetate	2.948	43	179151	46.959	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	287755	49.455	ug/l	97
20) Methylene Chloride	3.047	84	92012	47.276	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	84067	49.991	ug/l	94
22) Diisopropyl ether	3.996	45	282376	49.826	ug/l	94
23) Vinyl Acetate	3.957	43	1101532	252.719	ug/l	100
24) 1,1-Dichloroethane	3.874	63	165129	48.896	ug/l	99
25) 2-Butanone	4.700	43	395425	254.533	ug/l	99
26) 2,2-Dichloropropane	4.668	77	140816	50.319	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	97838	49.535	ug/l	99
28) Bromochloromethane	4.976	49	69024	42.871	ug/l	96
29) Tetrahydrofuran	5.050	42	227319	239.216	ug/l	100
30) Chloroform	5.092	83	165542	49.564	ug/l	98
31) Cyclohexane	5.391	56	147862	46.055	ug/l	97
32) 1,1,1-Trichloroethane	5.320	97	141856	49.805	ug/l	97
36) 1,1-Dichloropropene	5.529	75	121137	49.085	ug/l	99
37) Ethyl Acetate	4.803	43	136715	48.226	ug/l	99
38) Carbon Tetrachloride	5.529	117	119966	48.217	ug/l	98
39) Methylcyclohexane	6.767	83	149826	49.486	ug/l	97
40) Benzene	5.777	78	352957	48.307	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	76271	50.910	ug/l	98
42) 1,2-Dichloroethane	5.796	62	131236	49.726	ug/l	99
43) Isopropyl Acetate	5.912	43	212834	49.084	ug/l	99
44) Trichloroethene	6.545	130	88161	50.408	ug/l	98
45) 1,2-Dichloropropane	6.793	63	96751	50.044	ug/l	96
46) Dibromomethane	6.922	93	66377	49.551	ug/l	99
47) Bromodichloromethane	7.108	83	129126	50.802	ug/l	96
48) Methyl methacrylate	6.960	41	100434	50.323	ug/l	97
49) 1,4-Dioxane	6.963	88	50828	990.325	ug/l #	96
51) 4-Methyl-2-Pentanone	7.793	43	707855	247.472	ug/l	99
52) Toluene	7.973	92	225426	50.394	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	147696	50.561	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	160998	51.890	ug/l	95
55) 1,1,2-Trichloroethane	8.404	97	93652	50.515	ug/l	99
56) Ethyl methacrylate	8.336	69	151752	45.847	ug/l	97
57) 1,3-Dichloropropane	8.578	76	164757	49.341	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	350398	205.296	ug/l	100
59) 2-Hexanone	8.687	43	561903	226.496	ug/l	99
60) Dibromochloromethane	8.815	129	98667	51.110	ug/l	100
61) 1,2-Dibromoethane	8.928	107	99366	49.973	ug/l	99
64) Tetrachloroethene	8.558	164	72428	51.939	ug/l	99
65) Chlorobenzene	9.449	112	238390	49.952	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	85066	49.978	ug/l	100
67) Ethyl Benzene	9.574	91	441122	51.615	ug/l	100
68) m/p-Xylenes	9.696	106	340492	105.639	ug/l	99
69) o-Xylene	10.105	106	164313	52.436	ug/l	100
70) Styrene	10.118	104	280171	52.850	ug/l	99
71) Bromoform	10.295	173	72654	45.401	ug/l #	100
73) Isopropylbenzene	10.487	105	439788	52.971	ug/l	99
74) N-amyl acetate	10.323	43	190746	50.928	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.786	83	159599	48.519	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	129115m	33.507	ug/l	
77) Bromobenzene	10.786	156	102399	50.799	ug/l	97
78) n-propylbenzene	10.909	91	536336	51.904	ug/l	100
79) 2-Chlorotoluene	10.989	91	312402	51.172	ug/l	98
80) 1,3,5-Trimethylbenzene	11.092	105	378808	52.222	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	51705	44.318	ug/l	96
82) 4-Chlorotoluene	11.098	91	367097	51.273	ug/l	99
83) tert-Butylbenzene	11.423	119	361565	52.289	ug/l	98
84) 1,2,4-Trimethylbenzene	11.471	105	381035	52.853	ug/l	100
85) sec-Butylbenzene	11.648	105	475069	51.803	ug/l	100
86) p-Isopropyltoluene	11.796	119	399535	52.135	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	199939	49.160	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	202983	49.346	ug/l	99
89) n-Butylbenzene	12.211	91	381771	51.716	ug/l	99
90) Hexachloroethane	12.481	117	67843	49.074	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	196465	49.650	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	37814	48.719	ug/l	95
93) 1,2,4-Trichlorobenzene	13.844	180	136641	49.942	ug/l	98
94) Hexachlorobutadiene	14.024	225	51581	43.675	ug/l	98
95) Naphthalene	14.089	128	488264	47.522	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	137968	50.769	ug/l	100

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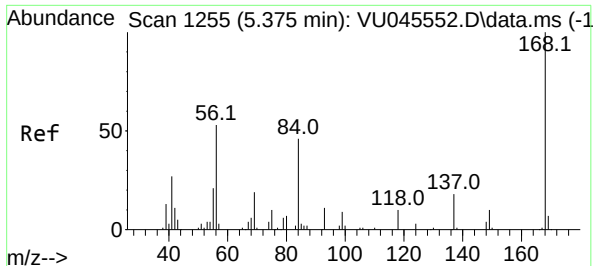
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration

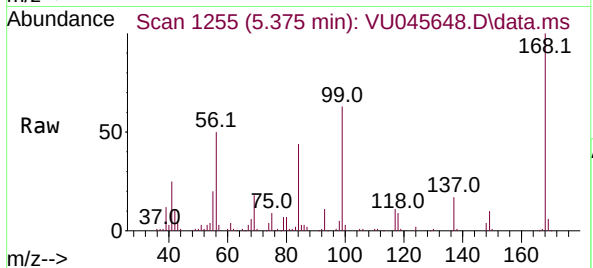
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

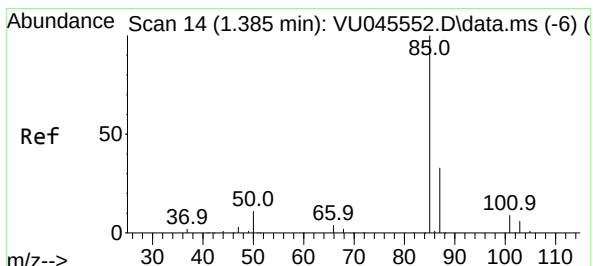
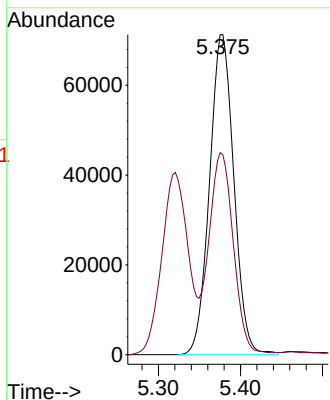
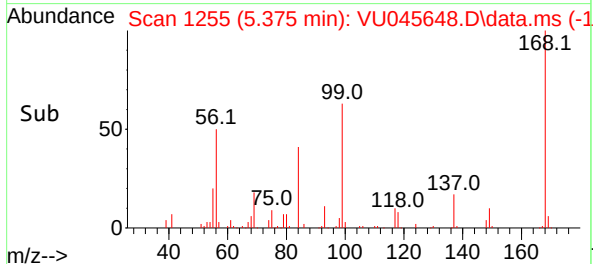
Instrument :
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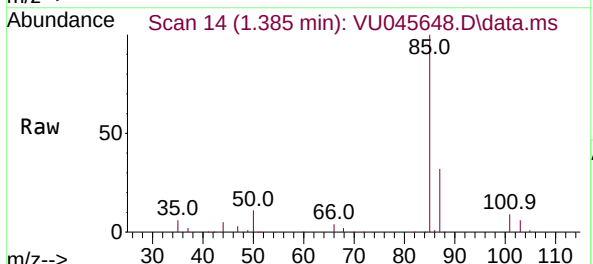
Tgt Ion:168 Resp: 14692
Ion Ratio Lower Upper
168 100
99 62.5 51.0 76.6

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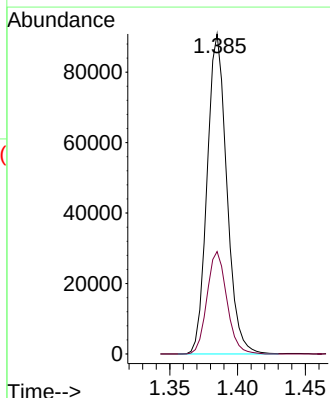
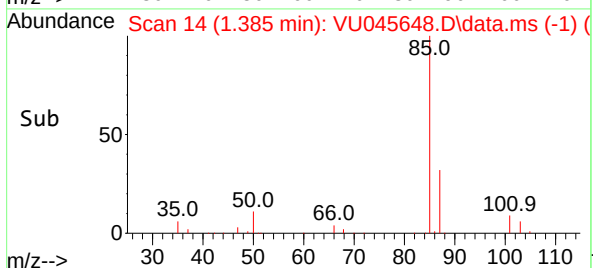
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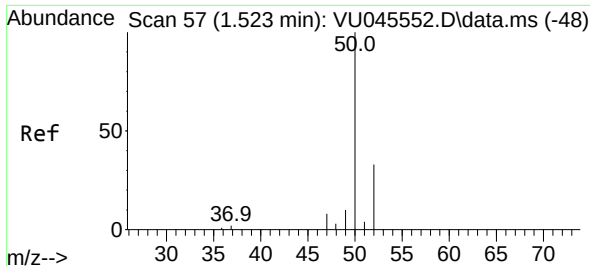


#2
Dichlorodifluoromethane
Concen: 48.133 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19



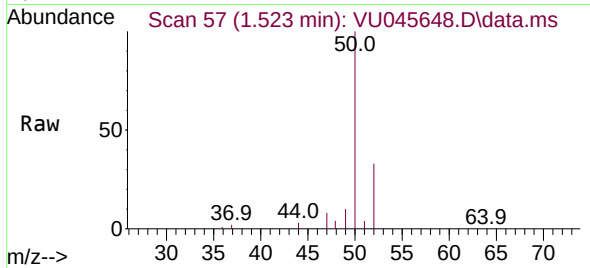
Tgt Ion: 85 Resp: 91691
Ion Ratio Lower Upper
85 100
87 32.0 15.9 47.7





#3
Chloromethane
Concen: 44.365 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

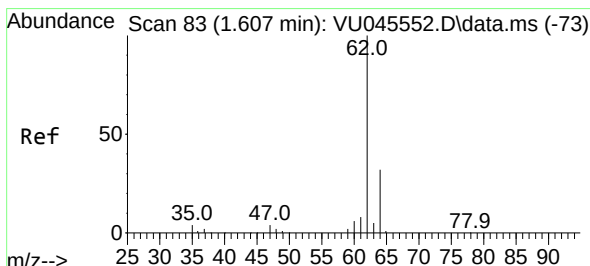
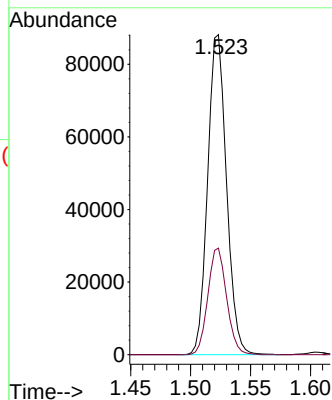
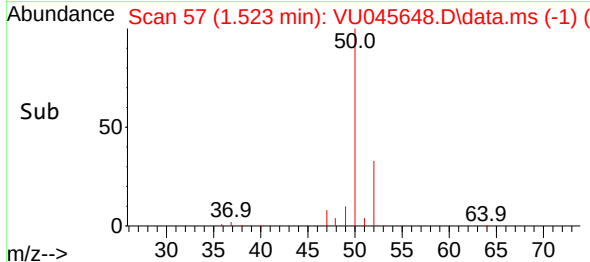
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Tgt Ion: 50 Resp: 96698
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0

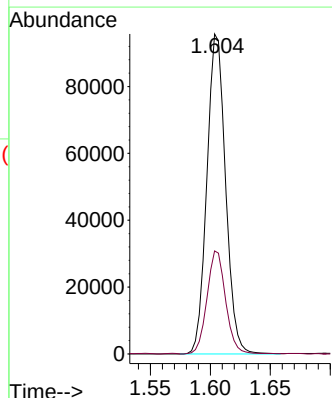
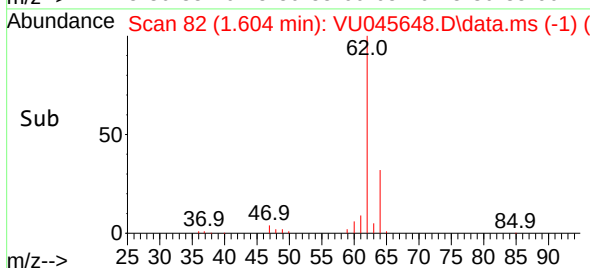
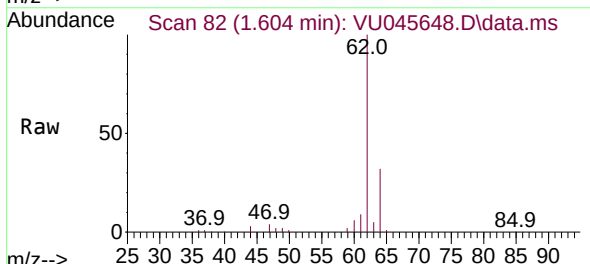
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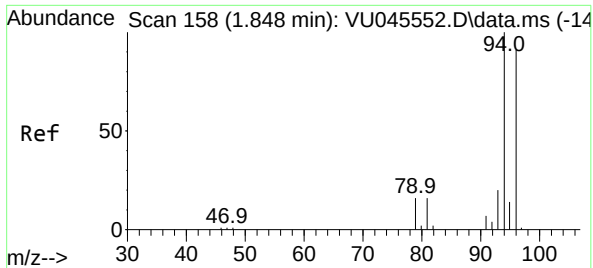
Reviewed By :John Carlone 11/10/2021
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#4
Vinyl Chloride
Concen: 48.940 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

Tgt Ion: 62 Resp: 103910
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6





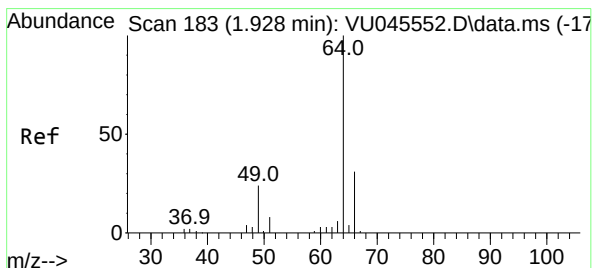
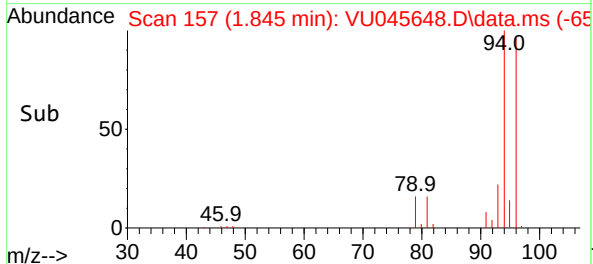
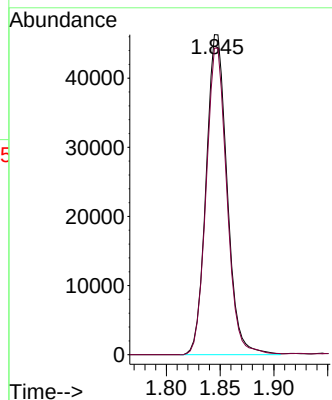
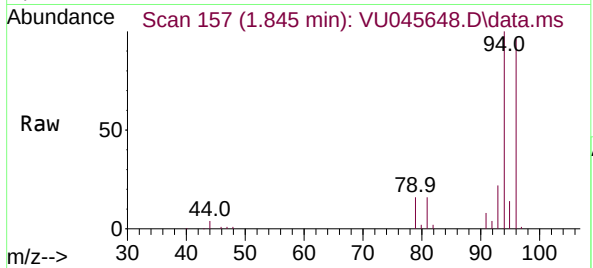
#5
Bromomethane
Concen: 53.198 ug/l
RT: 1.845 min Scan# 157
Delta R.T. -0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

Instrument :
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Tgt Ion: 94 Resp: 63000
Ion Ratio Lower Upper
94 100
96 95.8 75.4 113.2

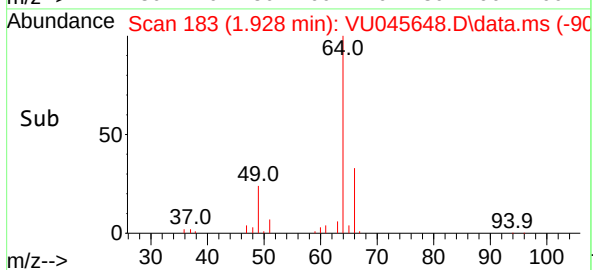
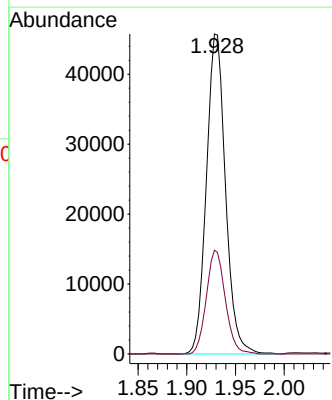
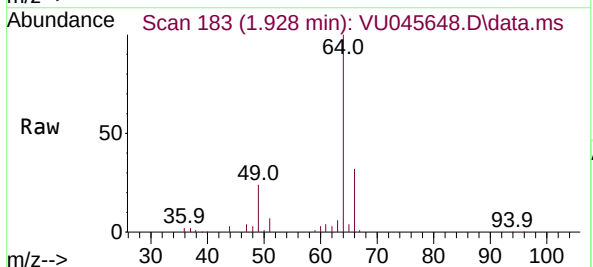
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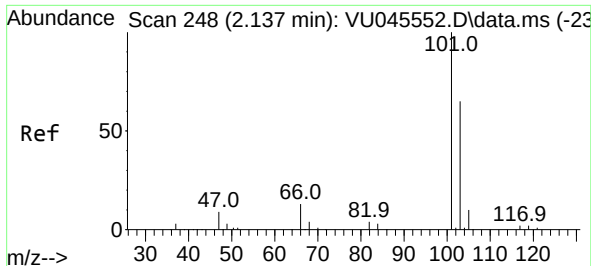
Reviewed By :John Carlone 11/10/2021
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#6
Chloroethane
Concen: 45.033 ug/l
RT: 1.928 min Scan# 183
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

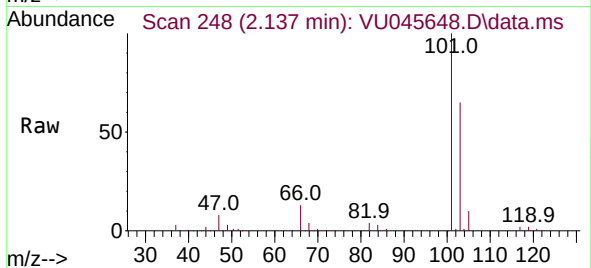
Tgt Ion: 64 Resp: 62399
Ion Ratio Lower Upper
64 100
66 32.5 26.7 40.1





#7
Trichlorofluoromethane
Concen: 48.311 ug/l
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

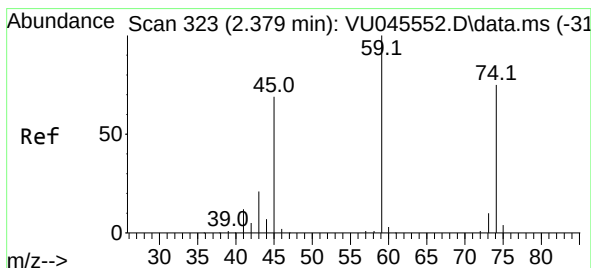
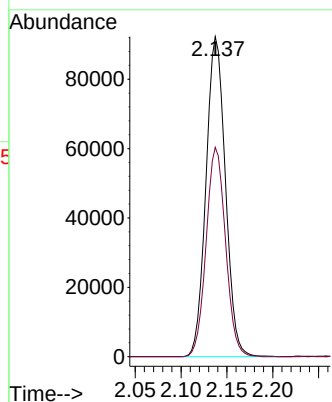
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:101 Resp: 135640
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.0

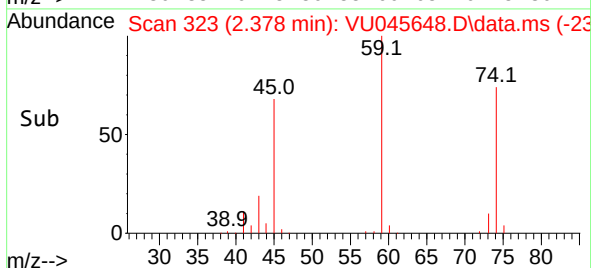
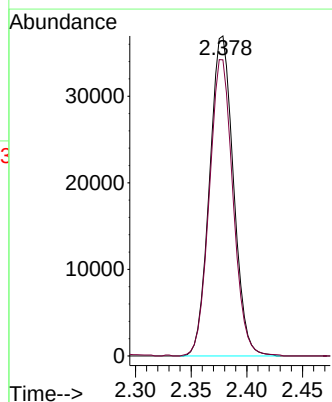
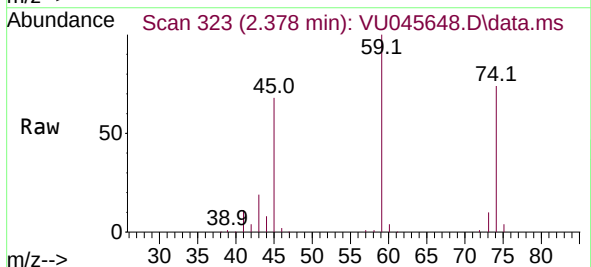
Manual Integrations
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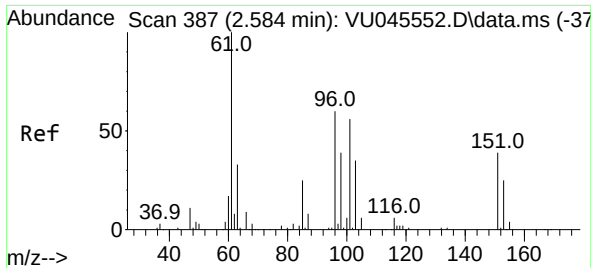
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#8
Diethyl Ether
Concen: 49.587 ug/l
RT: 2.378 min Scan# 323
Delta R.T. -0.000 min
Lab File: VU045648.D
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Tgt Ion: 74 Resp: 55111
Ion Ratio Lower Upper
74 100
45 91.8 47.3 141.8





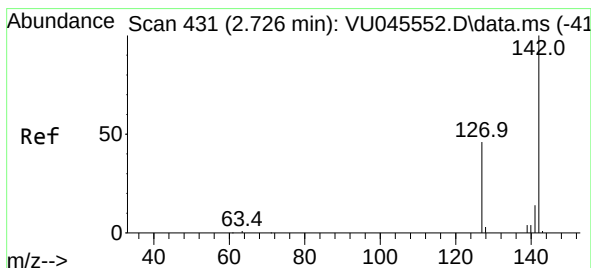
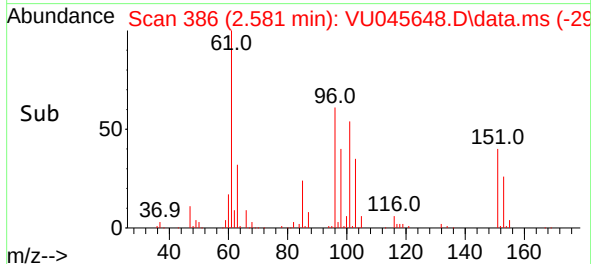
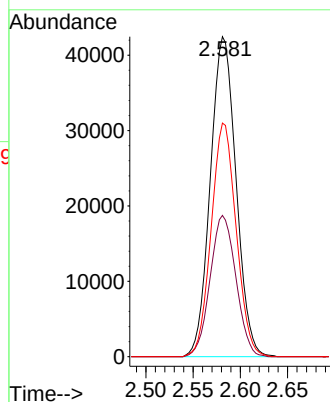
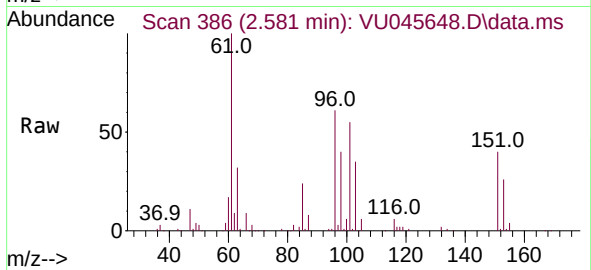
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.011 ug/l
RT: 2.581 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

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Tgt Ion:101 Resp: 8035
Ion Ratio Lower Upper
101 100
85 44.2 35.0 52.4
151 70.9 54.6 82.0

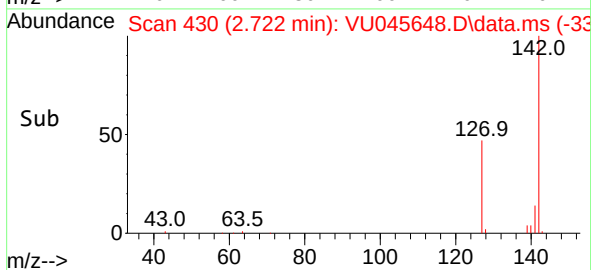
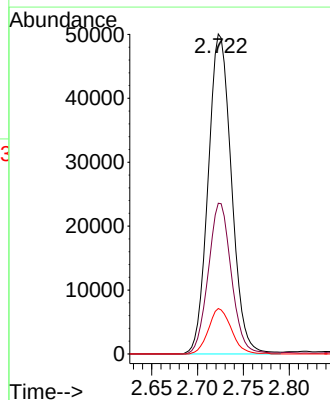
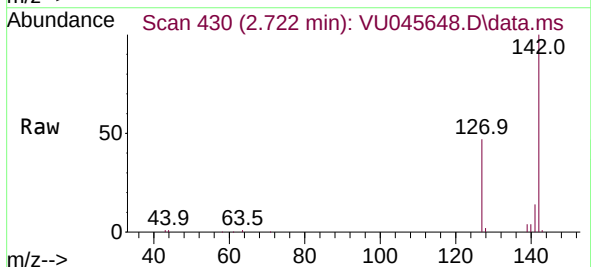
Manual Integrations
APPROVED

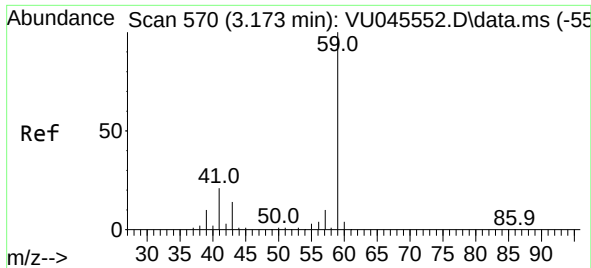
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#10
Methyl Iodide
Concen: 41.301 ug/l
RT: 2.722 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

Tgt Ion:142 Resp: 88608
Ion Ratio Lower Upper
142 100
127 46.6 32.2 48.2
141 14.0 11.3 16.9





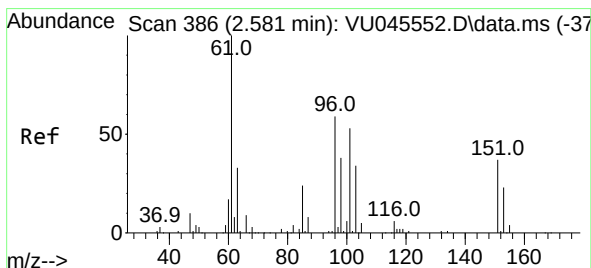
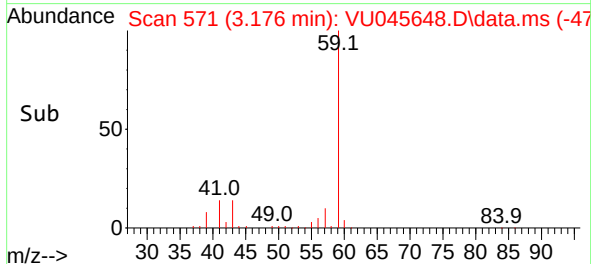
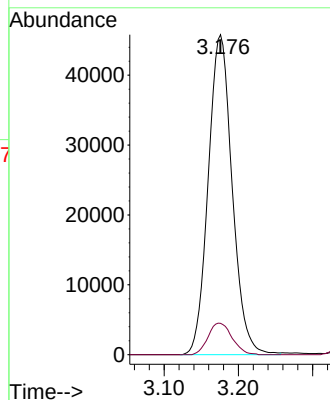
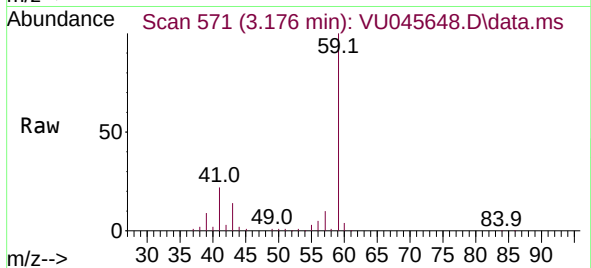
#11
Tert butyl alcohol
Concen: 235.769 ug/l
RT: 3.176 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 10268
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5

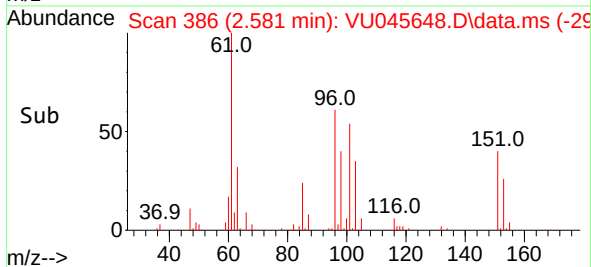
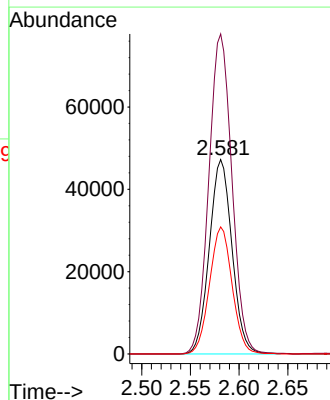
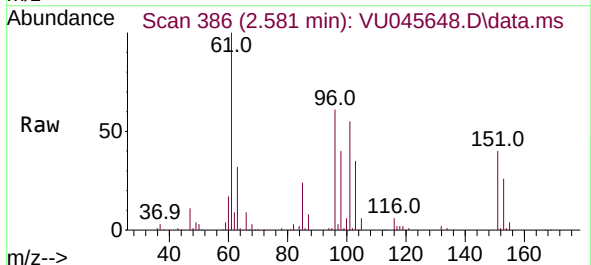
Manual Integrations
APPROVED

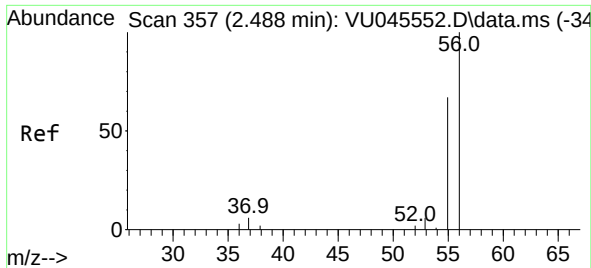
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#12
1,1-Dichloroethene
Concen: 47.385 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

Tgt Ion: 96 Resp: 76595
Ion Ratio Lower Upper
96 100
61 164.6 137.1 205.7
98 65.3 51.5 77.3





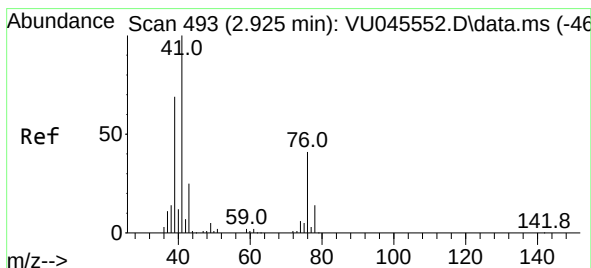
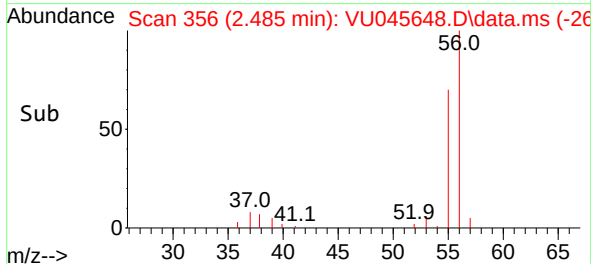
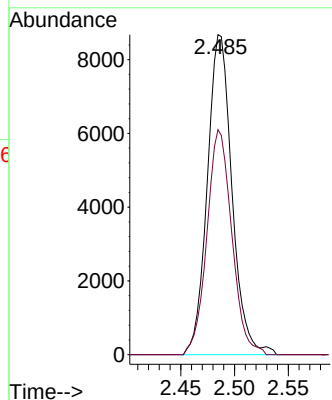
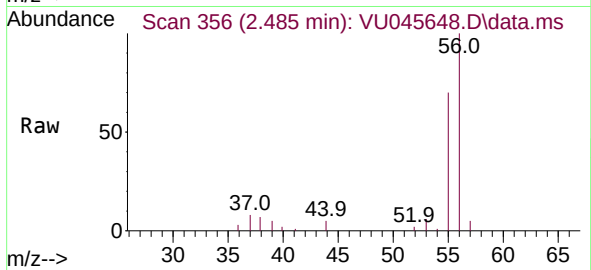
#13
Acrolein
Concen: 219.923 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 13880
Ion Ratio Lower Upper
56 100
55 70.9 56.3 84.5

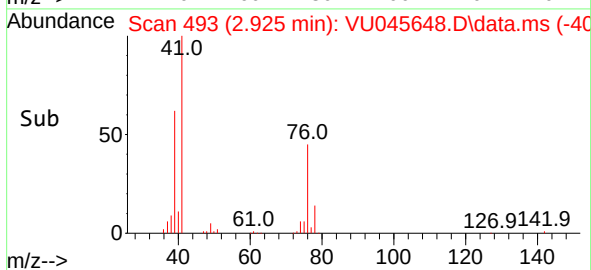
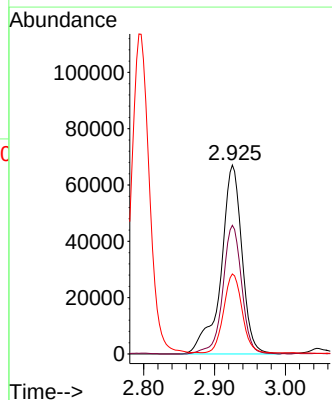
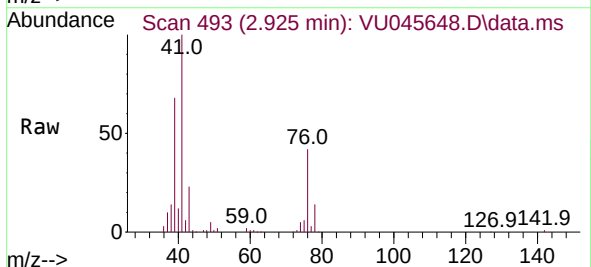
Manual Integrations
APPROVED

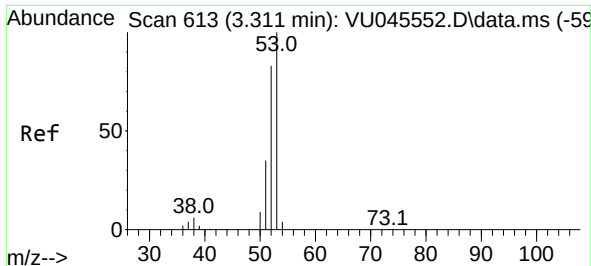
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#14
Allyl chloride
Concen: 47.897 ug/l
RT: 2.925 min Scan# 493
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

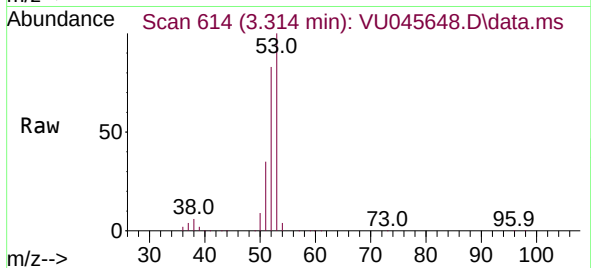
Tgt Ion: 41 Resp: 138242
Ion Ratio Lower Upper
41 100
39 61.2 49.7 74.5
76 36.7 27.7 41.5





#15
Acrylonitrile
Concen: 240.483 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

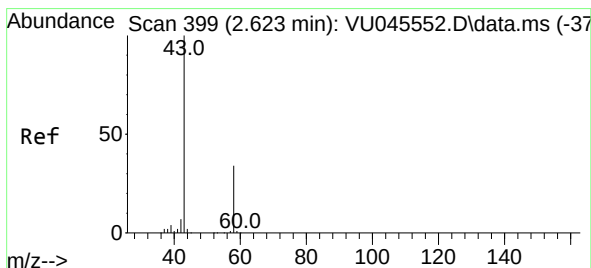
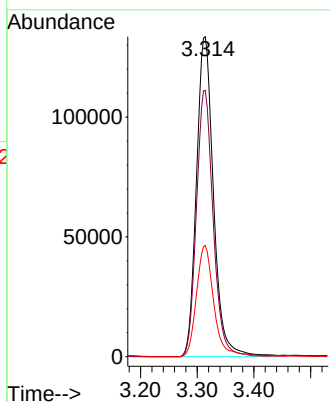
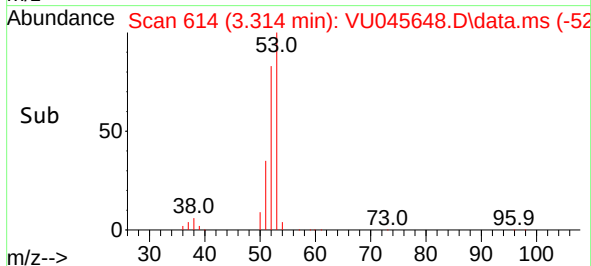
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 279634
Ion Ratio Lower Upper
53 100
52 81.9 66.6 100.0
51 35.4 28.4 42.6

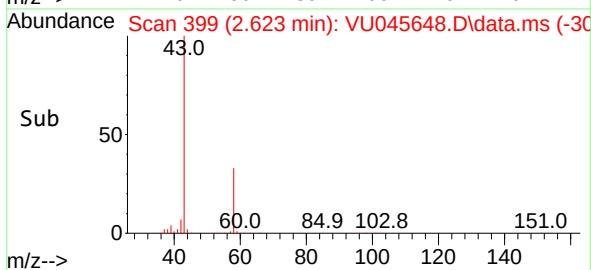
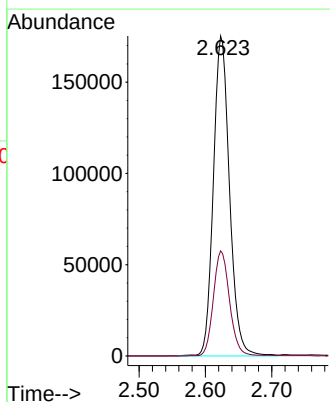
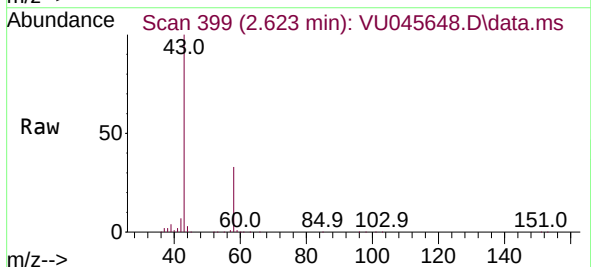
Manual Integrations
APPROVED

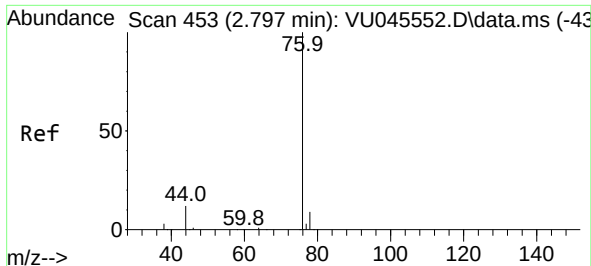
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#16
Acetone
Concen: 265.405 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

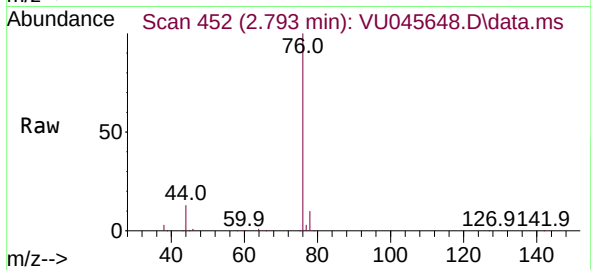
Tgt Ion: 43 Resp: 297279
Ion Ratio Lower Upper
43 100
58 32.8 26.2 39.2





#17
Carbon Disulfide
Concen: 44.341 ug/l
RT: 2.793 min Scan# 452
Delta R.T. -0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

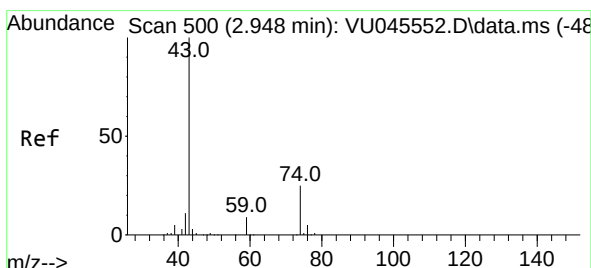
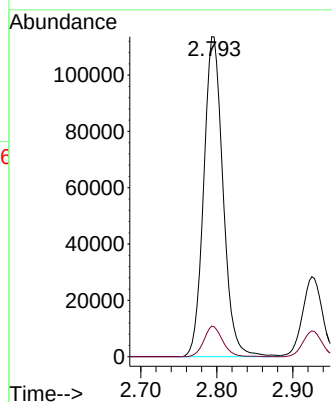
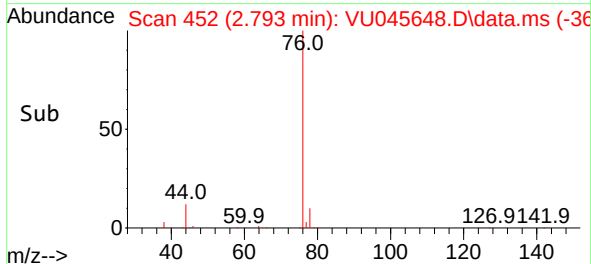
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 200759
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

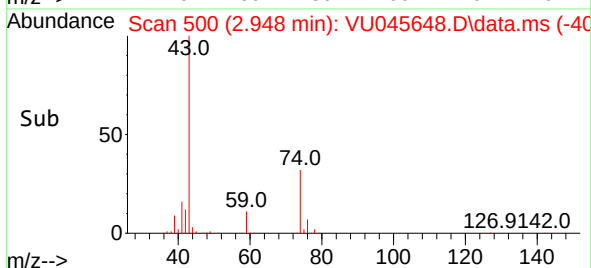
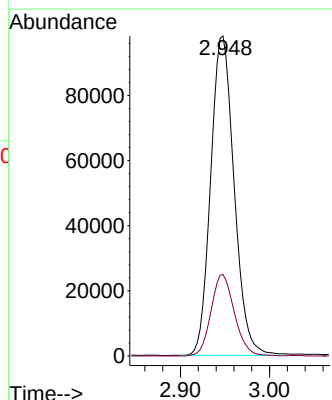
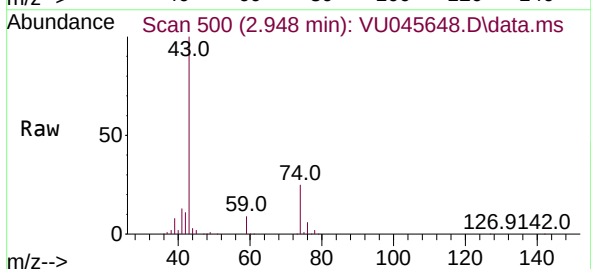
Manual Integrations
APPROVED

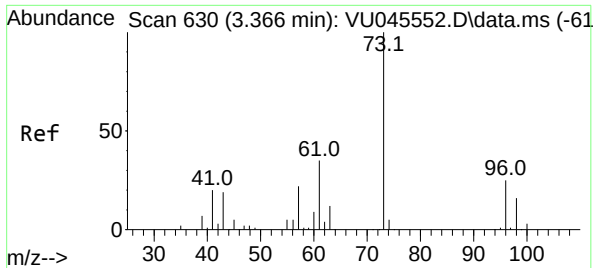
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#18
Methyl Acetate
Concen: 46.959 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

Tgt Ion: 43 Resp: 179151
Ion Ratio Lower Upper
43 100
74 25.4 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 49.455 ug/l

RT: 3.366 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 28775

Ion Ratio Lower Upper

73 100

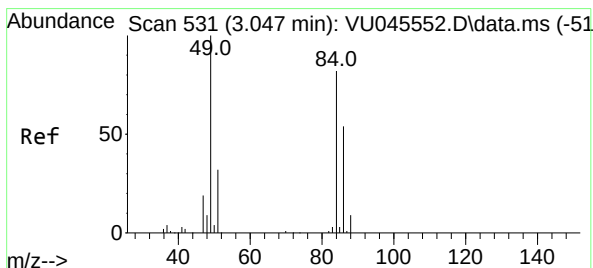
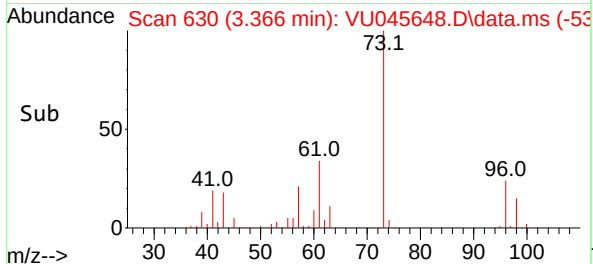
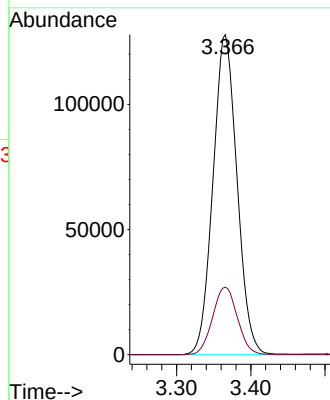
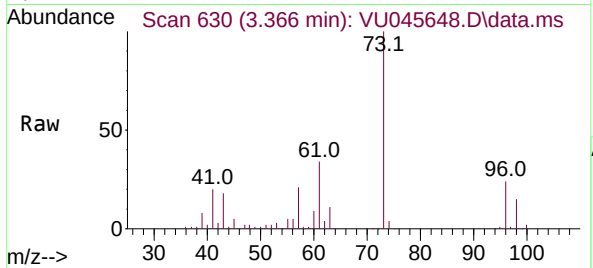
57 21.1 18.1 27.1

Manual Integrations

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Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#20

Methylene Chloride

Concen: 47.276 ug/l

RT: 3.047 min Scan# 531

Delta R.T. -0.000 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Tgt Ion: 84 Resp: 92012

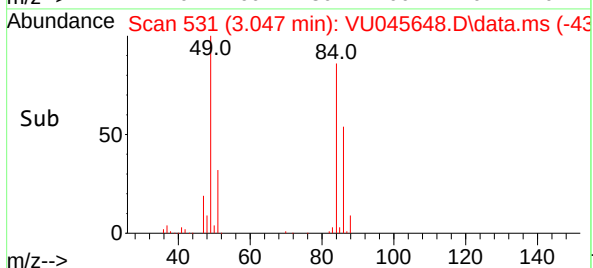
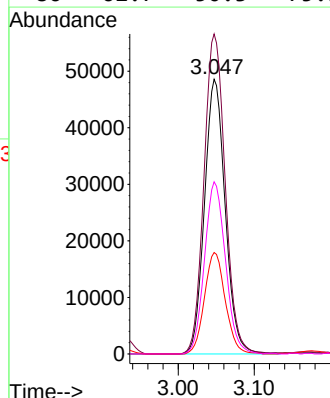
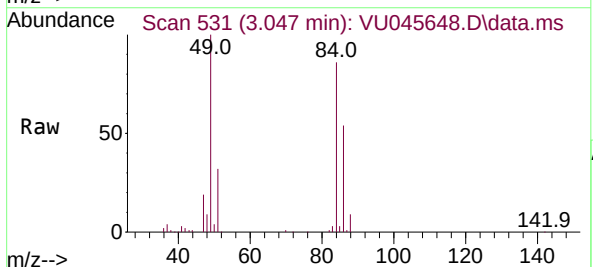
Ion Ratio Lower Upper

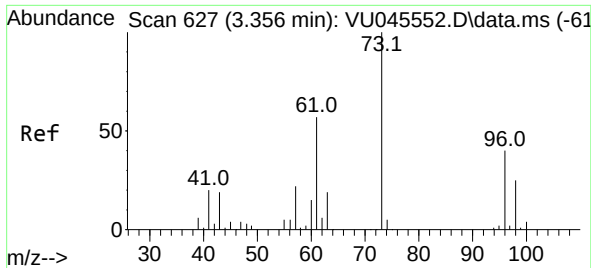
84 100

49 116.5 96.4 144.6

51 36.9 30.5 45.7

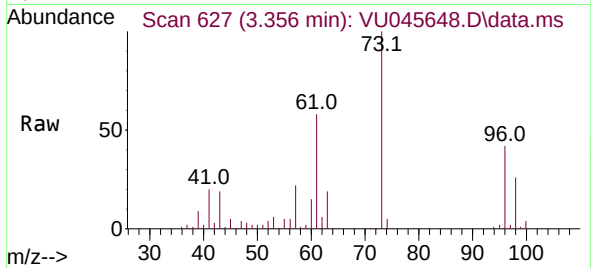
86 62.7 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 49.991 ug/l
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

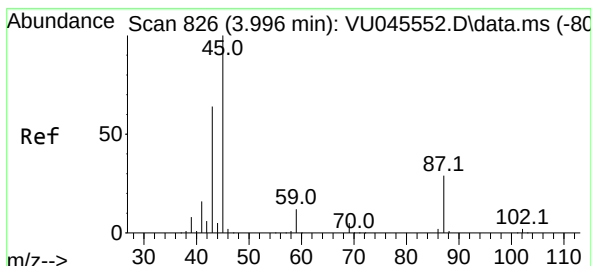
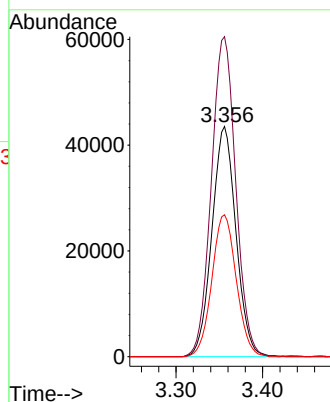
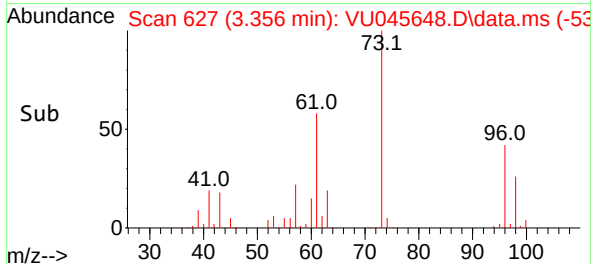
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



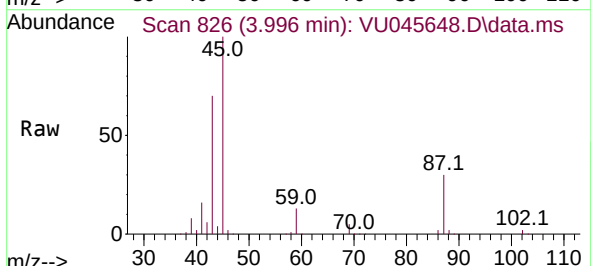
Tgt Ion: 96 Resp: 8406
Ion Ratio Lower Upper
96 100
61 139.0 118.2 177.4
98 61.7 52.1 78.1

Manual Integrations
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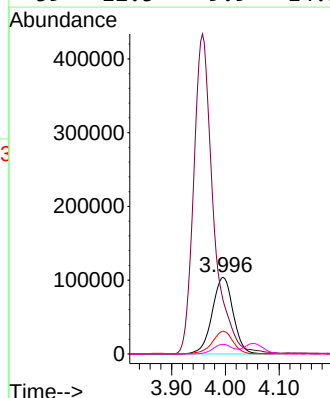
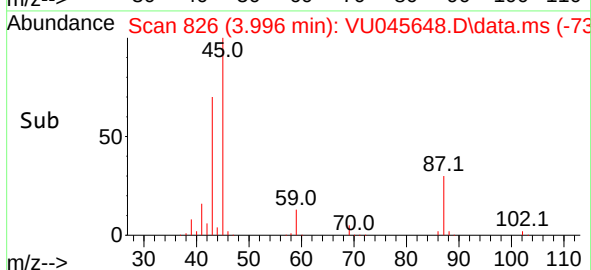
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

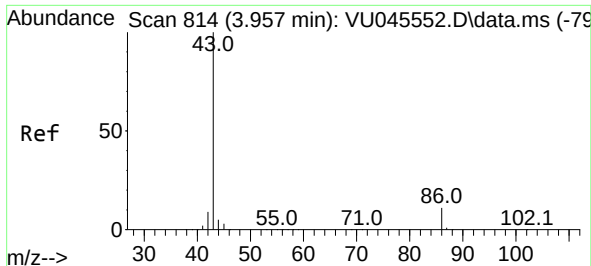


#22
Diisopropyl ether
Concen: 49.826 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19



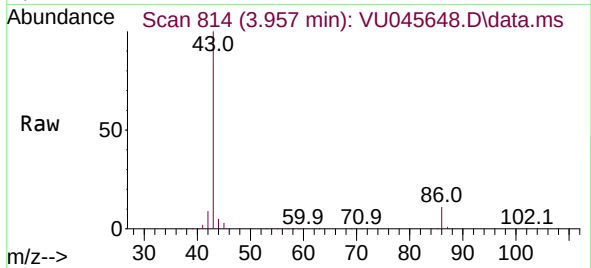
Tgt Ion: 45 Resp: 282376
Ion Ratio Lower Upper
45 100
43 68.7 60.0 90.0
87 29.5 22.3 33.5
59 12.5 9.9 14.9





#23
 Vinyl Acetate
 Concen: 252.719 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: VU045648.D
 Acq: 09 Nov 2021 10:19

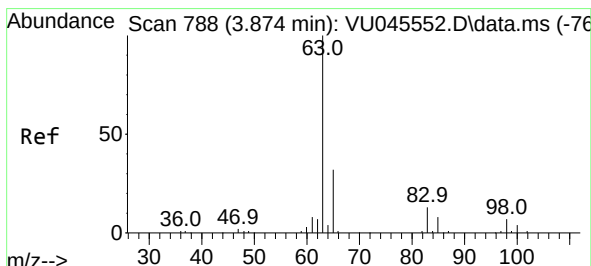
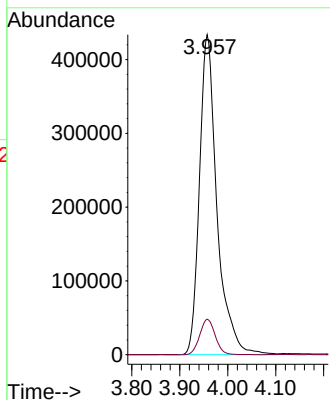
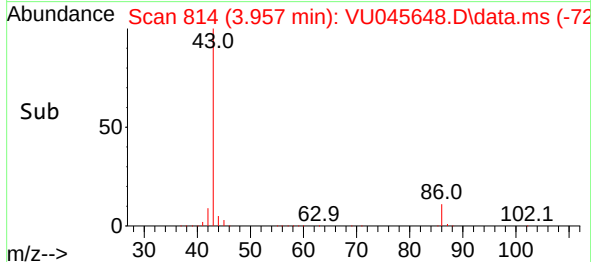
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050



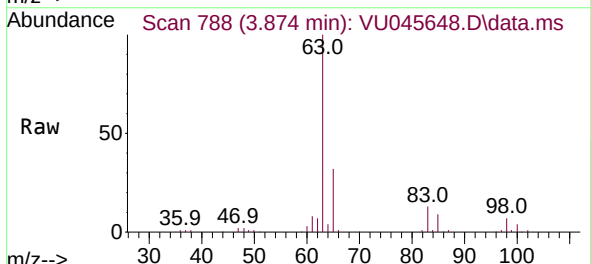
Tgt Ion: 43 Resp: 110153
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3

Manual Integrations
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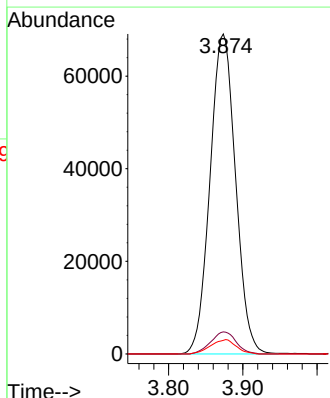
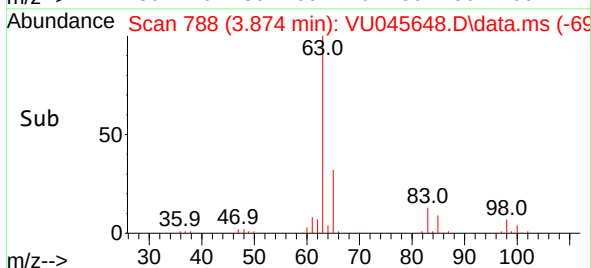
Reviewed By :John Carlone 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021

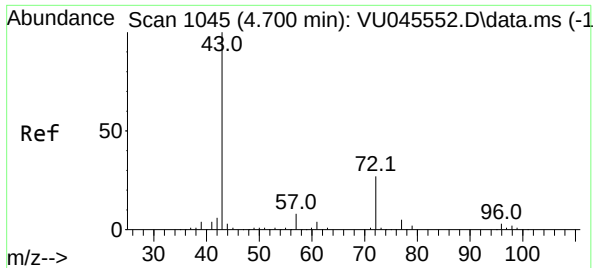


#24
 1,1-Dichloroethane
 Concen: 48.896 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VU045648.D
 Acq: 09 Nov 2021 10:19



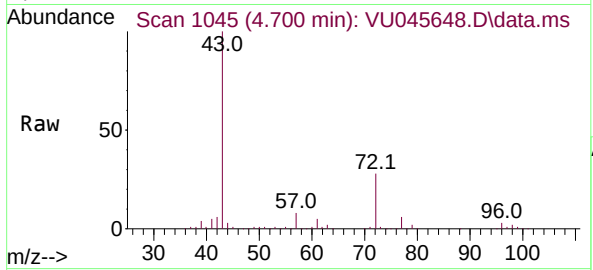
Tgt Ion: 63 Resp: 165129
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.6
 100 4.3 2.4 7.2





#25
2-Butanone
Concen: 254.533 ug/l
RT: 4.700 min Scan# 1045
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

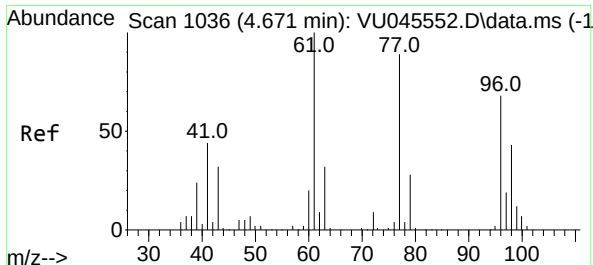
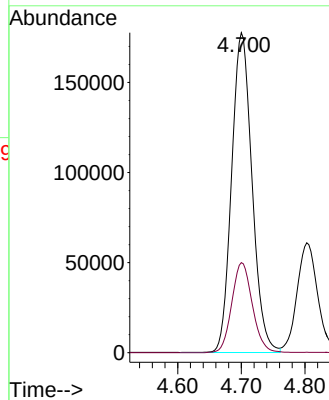
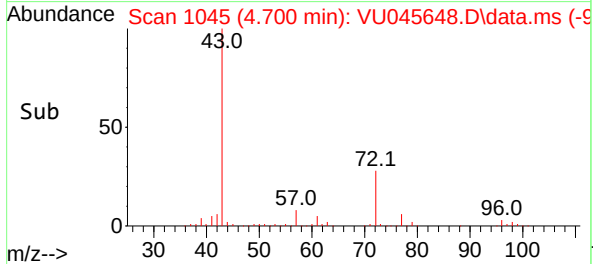
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 395425
Ion Ratio Lower Upper
43 100
72 28.2 22.0 33.0

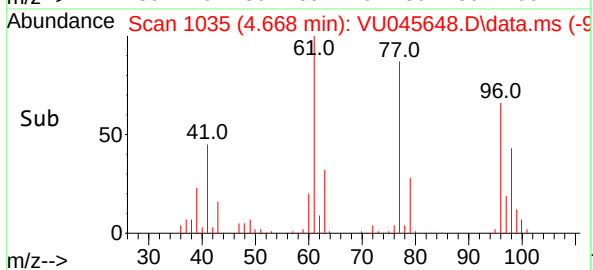
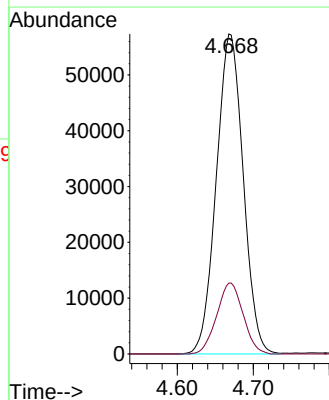
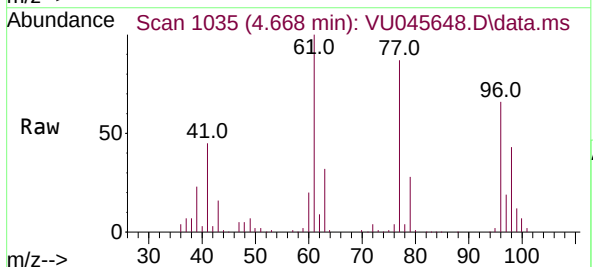
Manual Integrations
APPROVED

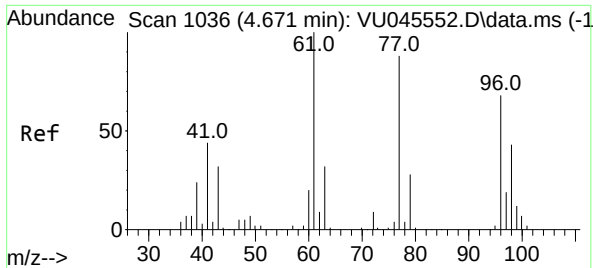
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#26
2,2-Dichloropropane
Concen: 50.319 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

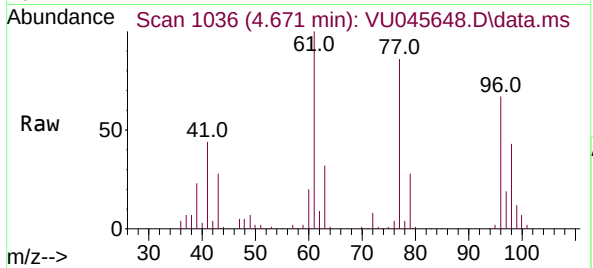
Tgt Ion: 77 Resp: 140816
Ion Ratio Lower Upper
77 100
97 21.8 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 49.535 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU045648.D
 Acq: 09 Nov 2021 10:19

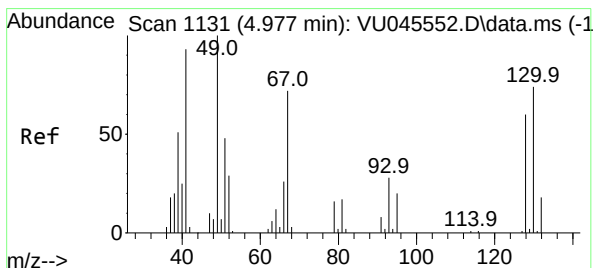
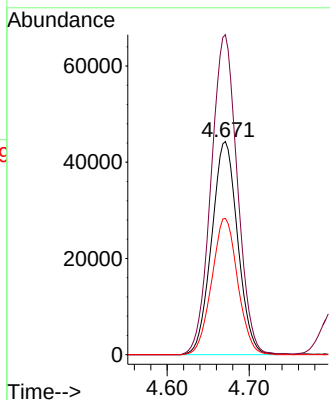
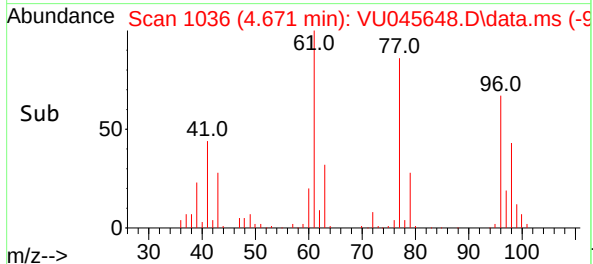
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050



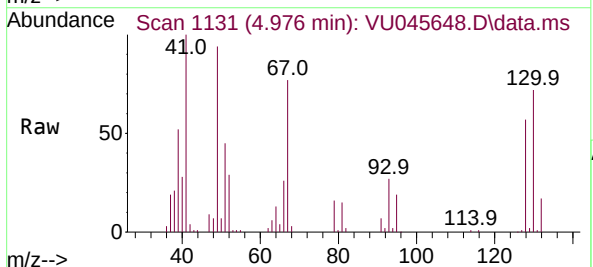
Tgt Ion: 96 Resp: 97838
 Ion Ratio Lower Upper
 96 100
 61 151.5 0.0 299.2
 98 63.8 0.0 127.6

Manual Integrations
 APPROVED

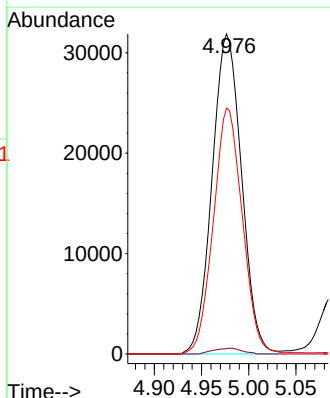
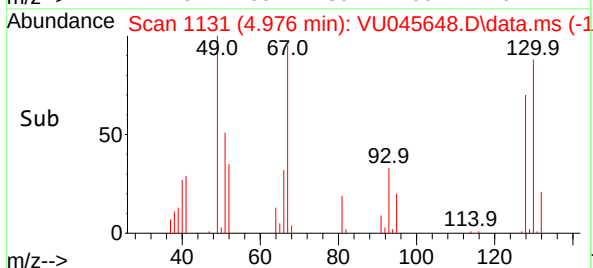
Reviewed By :John Carlone 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021

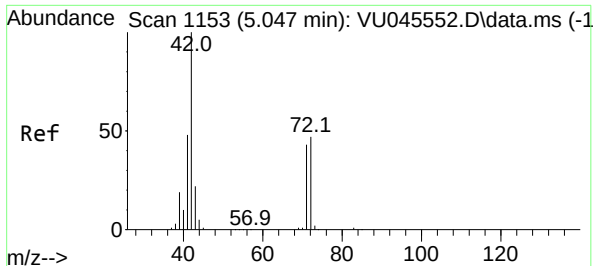


#28
 Bromochloromethane
 Concen: 42.871 ug/l
 RT: 4.976 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VU045648.D
 Acq: 09 Nov 2021 10:19



Tgt Ion: 49 Resp: 69024
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 75.6 57.5 86.3





#29

Tetrahydrofuran

Concen: 239.216 ug/l

RT: 5.050 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

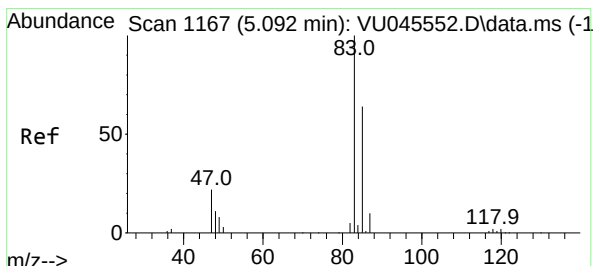
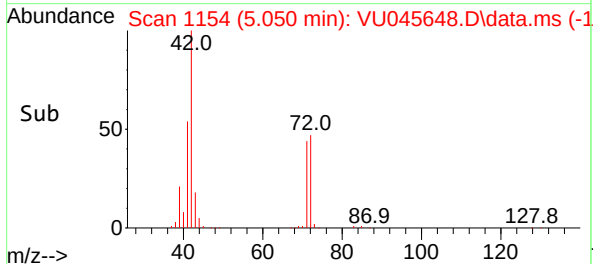
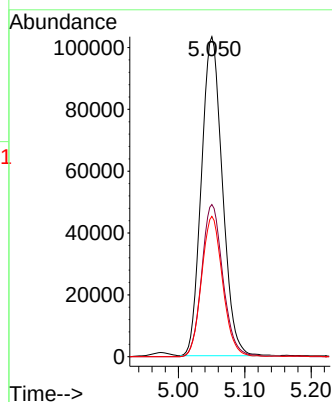
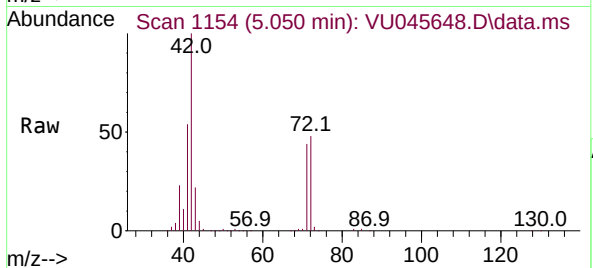
Tgt Ion:	42	Resp:	227319
Ion	Ratio	Lower	Upper
42	100		
72	48.2	38.2	57.4
71	44.1	35.4	53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#30

Chloroform

Concen: 49.564 ug/l

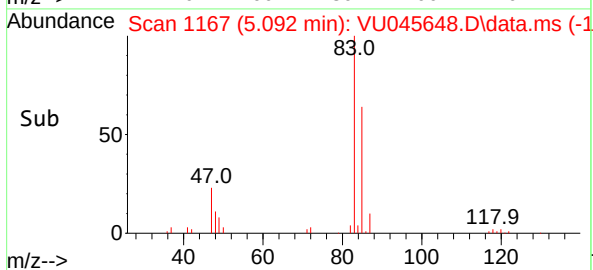
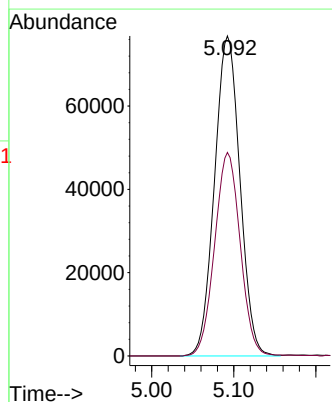
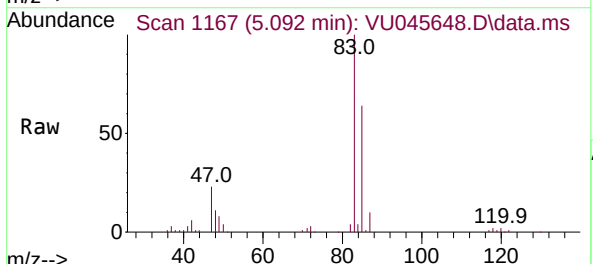
RT: 5.092 min Scan# 1167

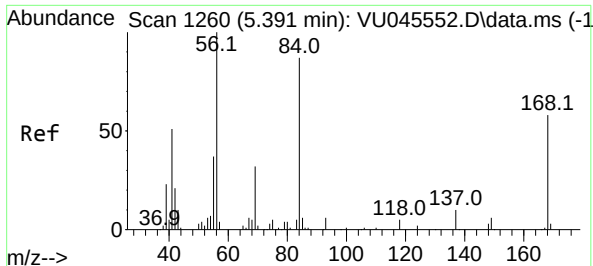
Delta R.T. -0.000 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

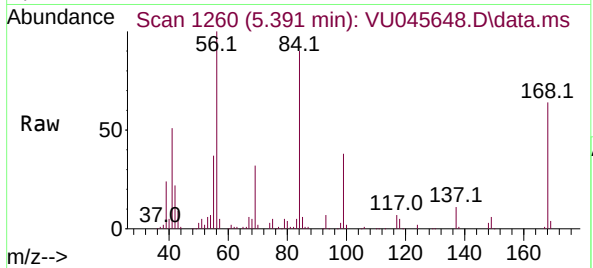
Tgt Ion:	83	Resp:	165542
Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.0	78.0





#31
Cyclohexane
Concen: 46.055 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

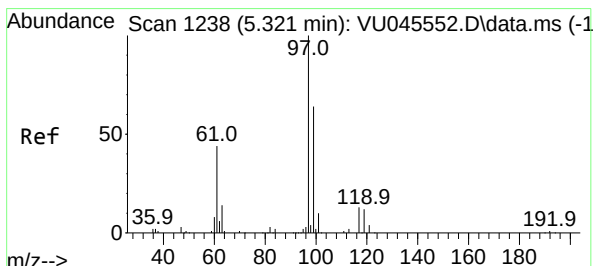
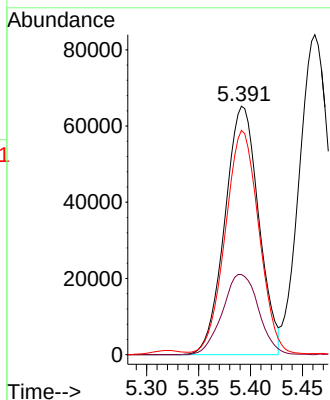
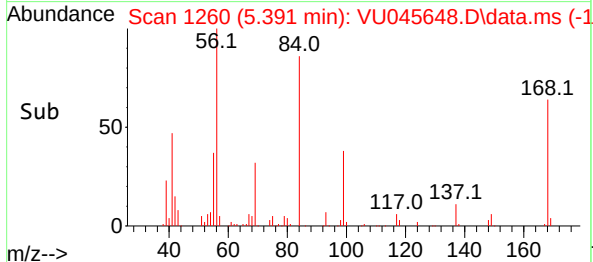
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



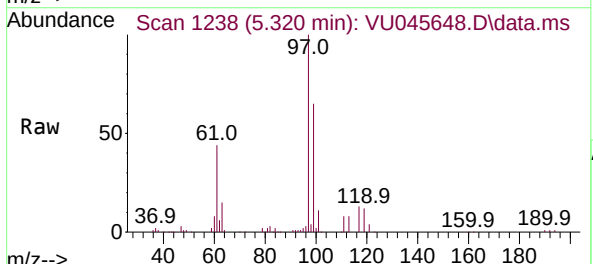
Tgt Ion: 56 Resp: 147862
Ion Ratio Lower Upper
56 100
69 32.3 26.4 39.6
84 89.0 68.4 102.6

Manual Integrations
APPROVED

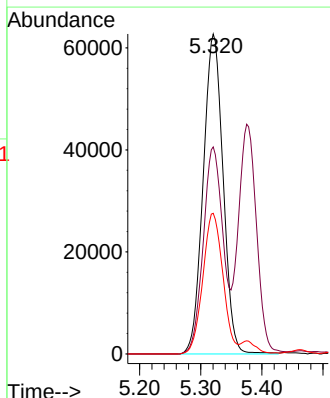
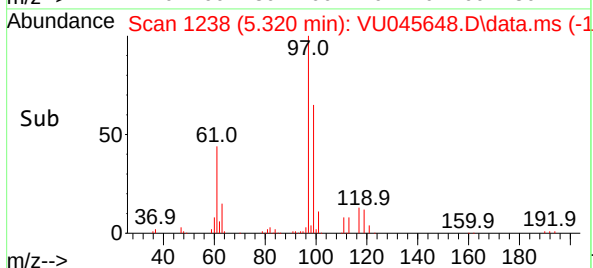
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

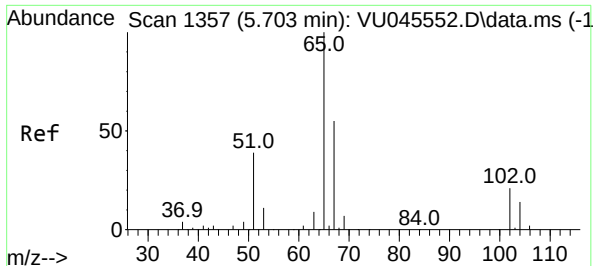


#32
1,1,1-Trichloroethane
Concen: 49.805 ug/l
RT: 5.320 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19



Tgt Ion: 97 Resp: 141856
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 44.5 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 43.140 ug/l

RT: 5.703 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 94924

Ion Ratio Lower Upper

65 100

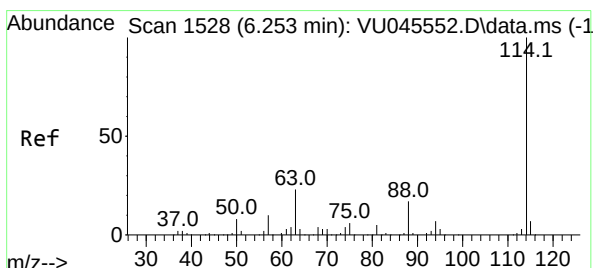
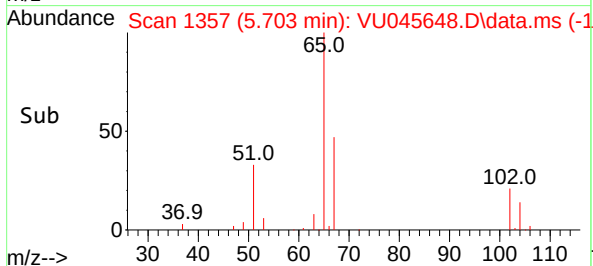
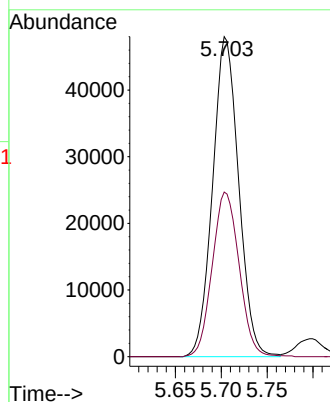
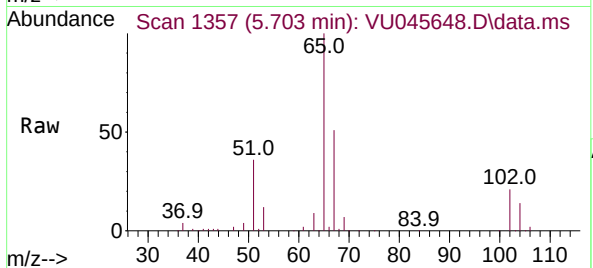
67 53.0 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

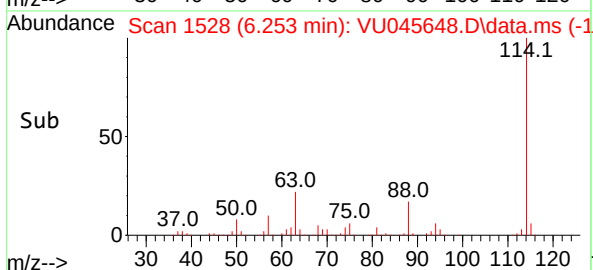
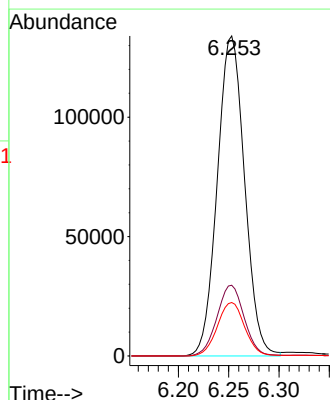
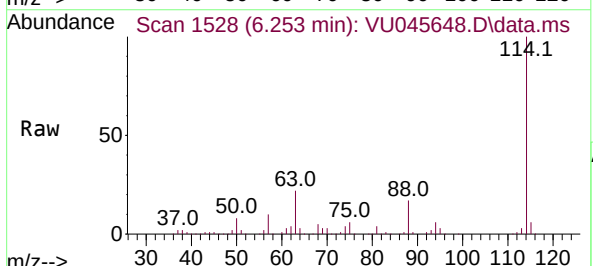
Tgt Ion:114 Resp: 253098

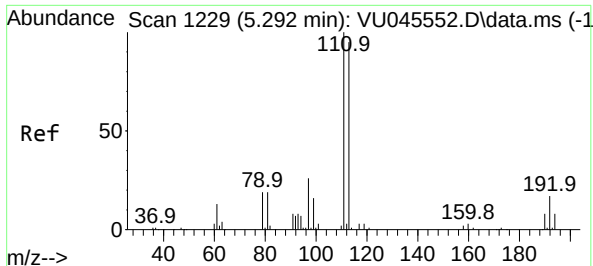
Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.6

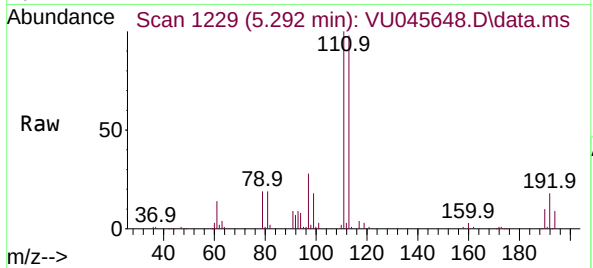
88 16.7 0.0 33.8





#35
Dibromofluoromethane
Concen: 43.359 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

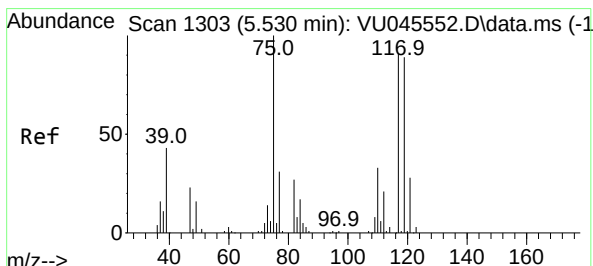
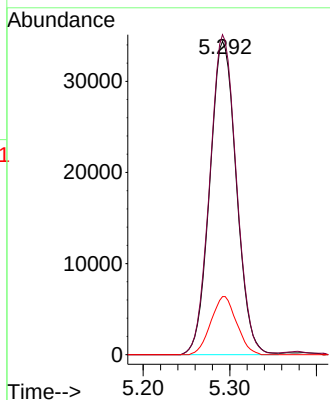
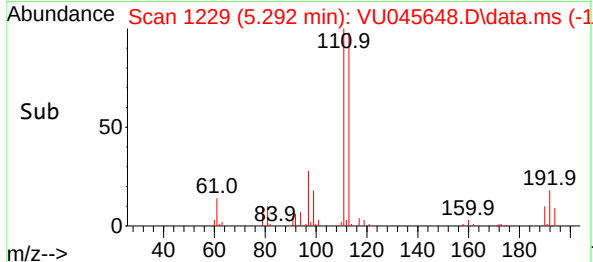
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 73268
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 17.9 14.8 22.2

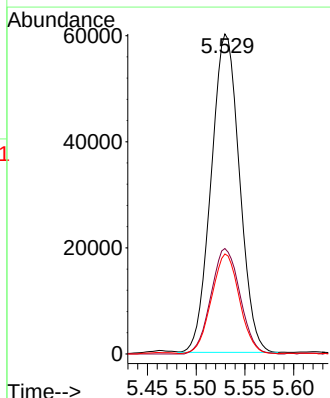
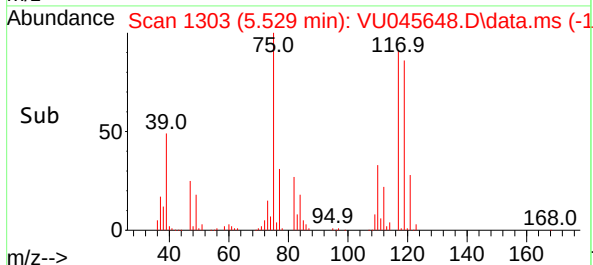
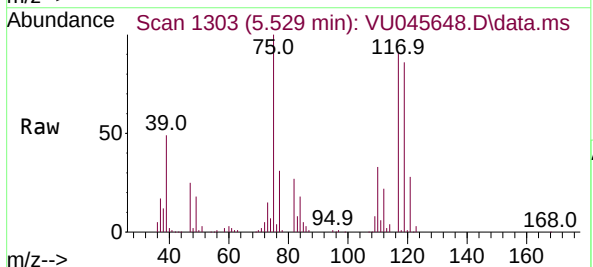
Manual Integrations
APPROVED

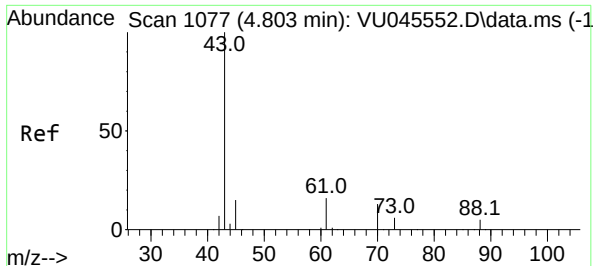
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#36
1,1-Dichloropropene
Concen: 49.085 ug/l
RT: 5.529 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

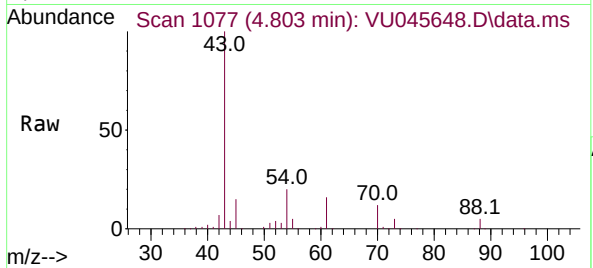
Tgt Ion: 75 Resp: 121137
Ion Ratio Lower Upper
75 100
110 34.0 16.7 50.0
77 30.7 25.0 37.4





#37
Ethyl Acetate
Concen: 48.226 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

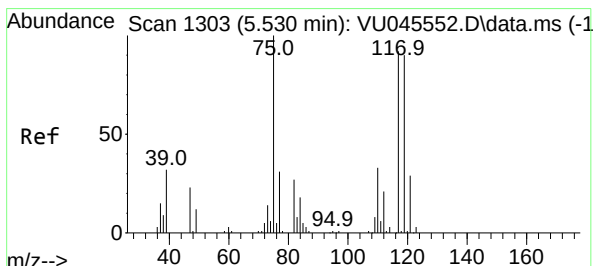
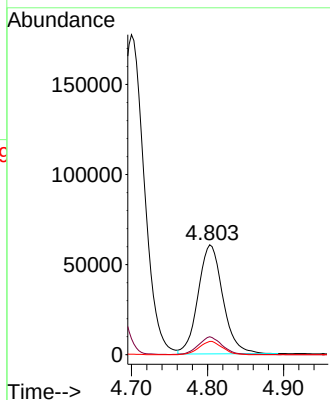
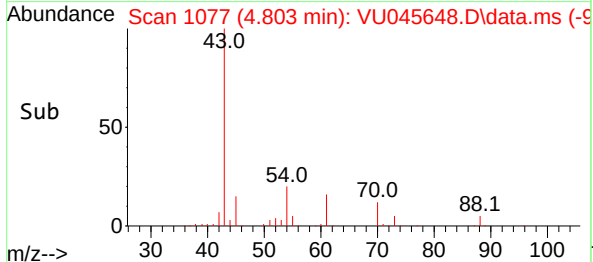
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 136715
Ion Ratio Lower Upper
43 100
61 15.4 11.6 17.4
70 11.4 9.1 13.7

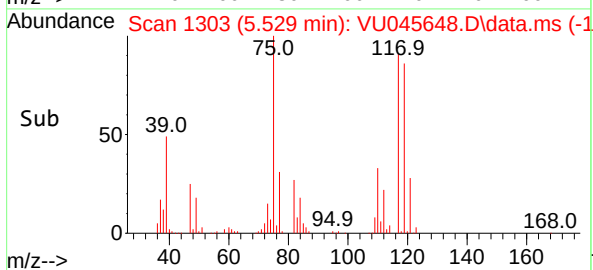
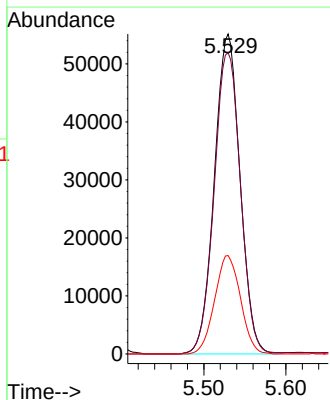
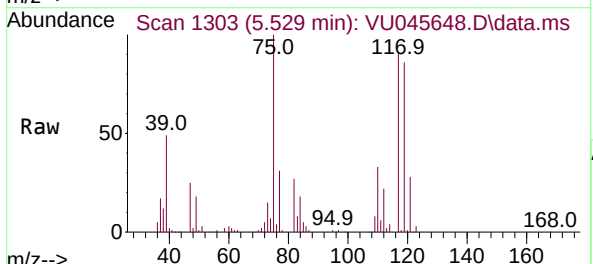
Manual Integrations
APPROVED

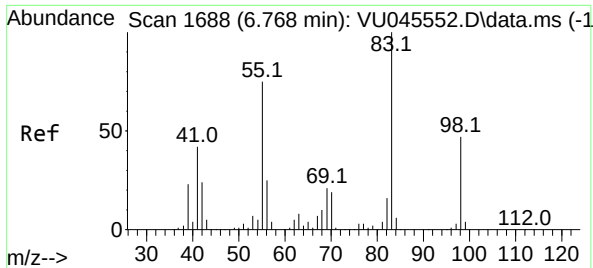
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#38
Carbon Tetrachloride
Concen: 48.217 ug/l
RT: 5.529 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

Tgt Ion:117 Resp: 119966
Ion Ratio Lower Upper
117 100
119 94.1 77.4 116.0
121 30.7 24.8 37.2





#39
Methylcyclohexane
Concen: 49.486 ug/l
RT: 6.767 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

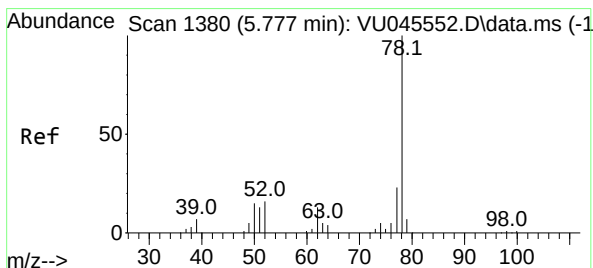
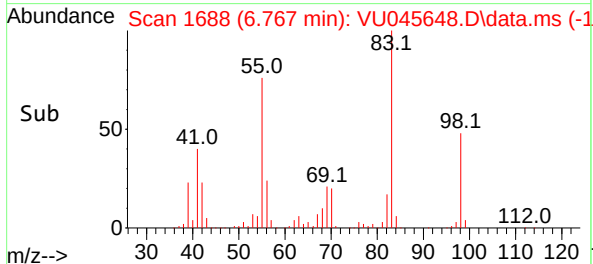
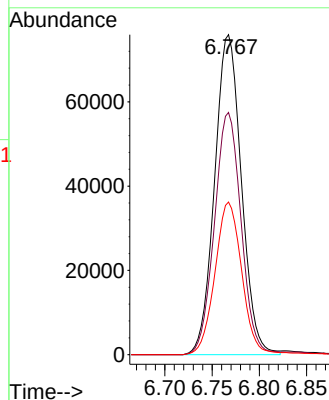
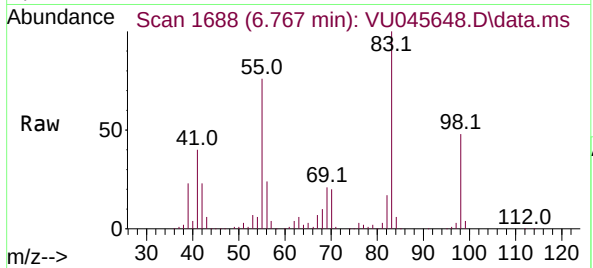
Tgt Ion: 83 Resp: 149820
Ion Ratio Lower Upper
83 100
55 75.7 63.6 95.4
98 47.7 37.1 55.7

Manual Integrations

APPROVED

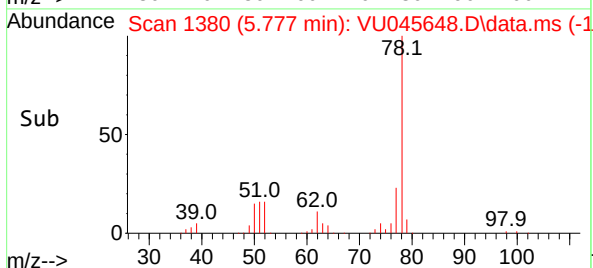
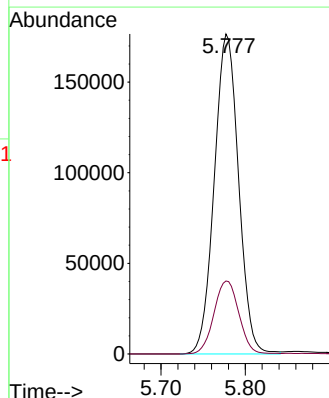
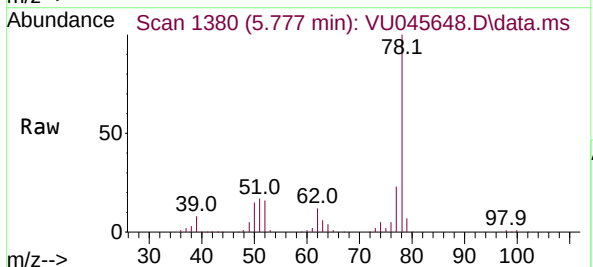
Reviewed By :John Carlone 11/10/2021

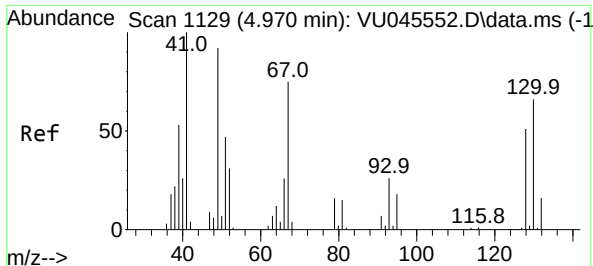
Supervised By :Mahesh Dadoda 11/16/2021



#40
Benzene
Concen: 48.307 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

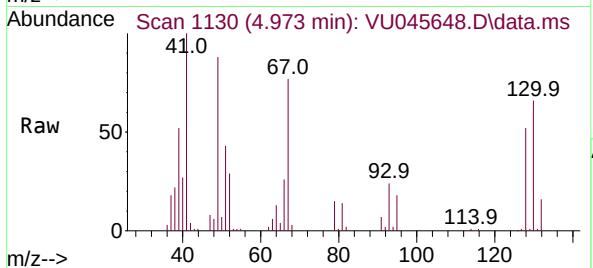
Tgt Ion: 78 Resp: 352957
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.4





#41
Methacrylonitrile
Concen: 50.910 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

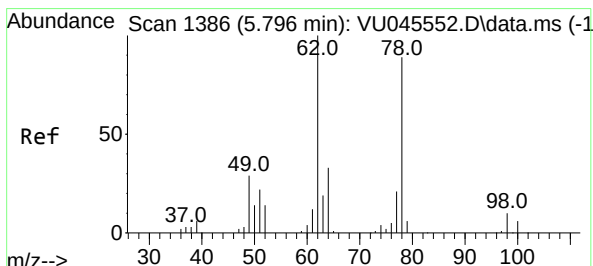
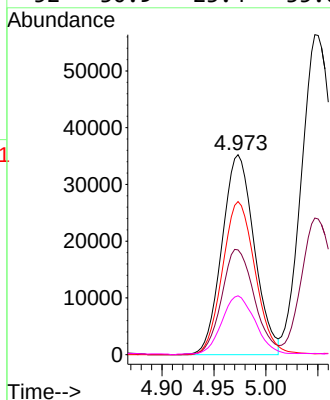
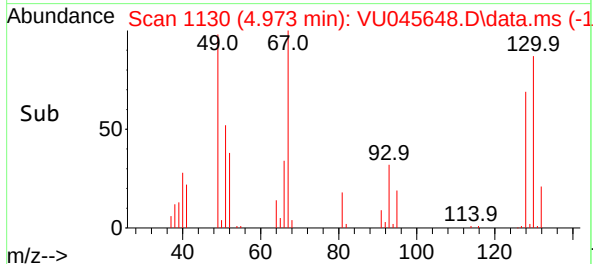
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 7627
Ion Ratio Lower Upper
41 100
39 53.3 43.4 65.0
67 77.7 61.0 91.4
52 30.9 23.4 35.0

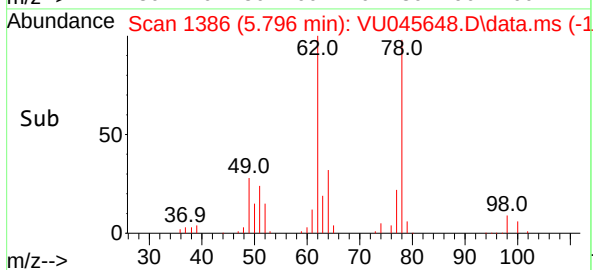
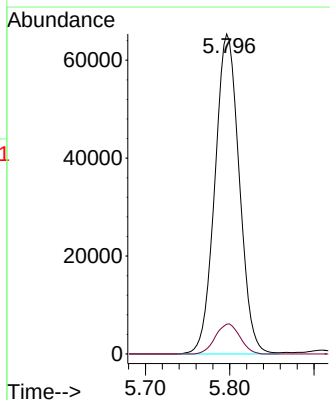
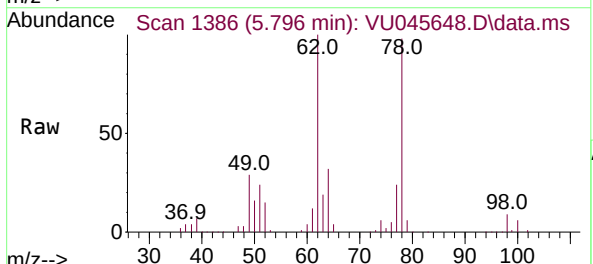
Manual Integrations
APPROVED

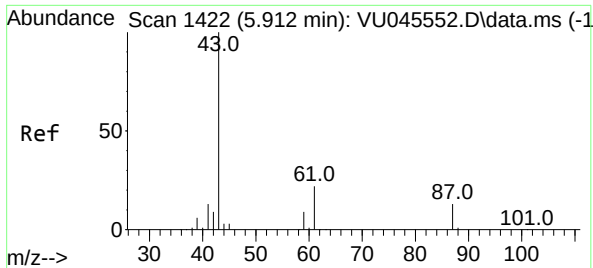
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#42
1,2-Dichloroethane
Concen: 49.726 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

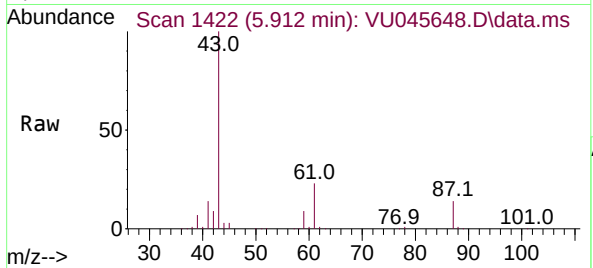
Tgt Ion: 62 Resp: 131236
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4





#43
Isopropyl Acetate
Concen: 49.084 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

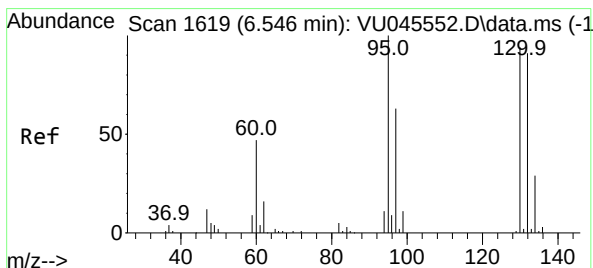
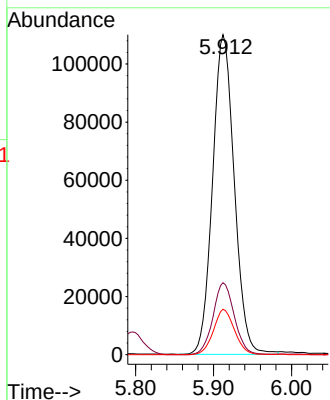
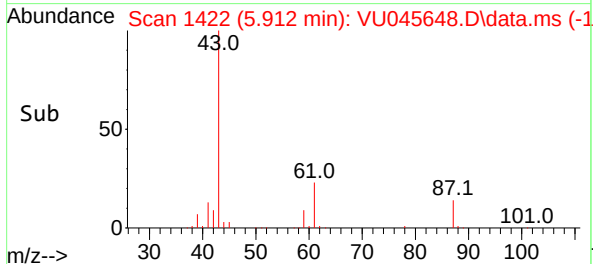
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 212834
Ion Ratio Lower Upper
43 100
61 22.2 16.9 25.3
87 13.8 11.0 16.4

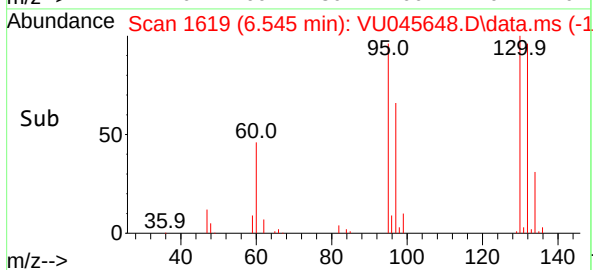
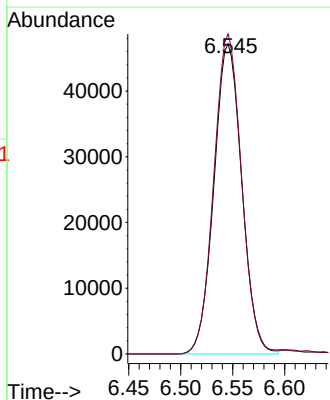
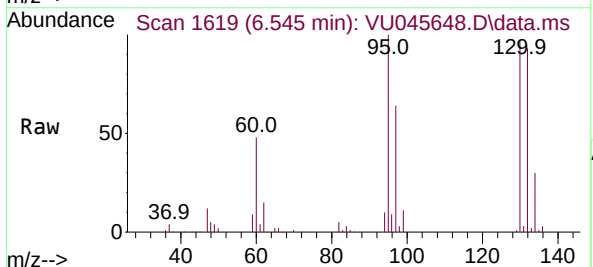
Manual Integrations
APPROVED

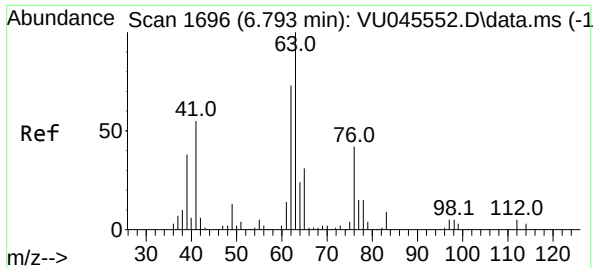
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#44
Trichloroethene
Concen: 50.408 ug/l
RT: 6.545 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

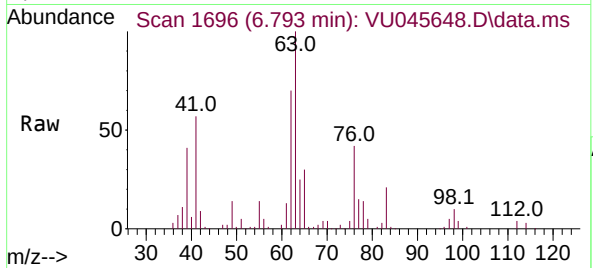
Tgt Ion:130 Resp: 88161
Ion Ratio Lower Upper
130 100
95 103.3 0.0 211.4





#45
1,2-Dichloropropane
Concen: 50.044 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

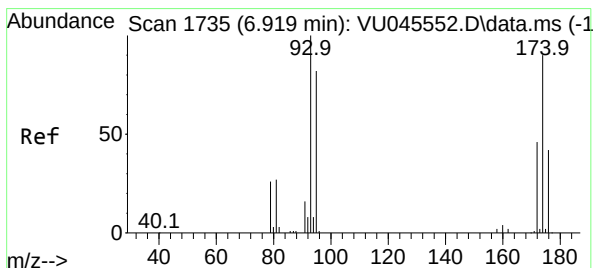
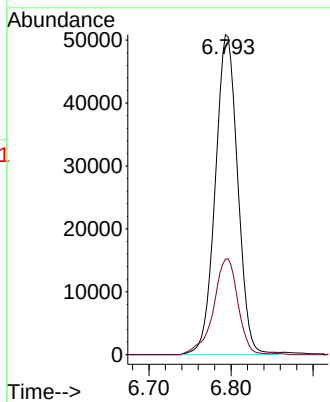
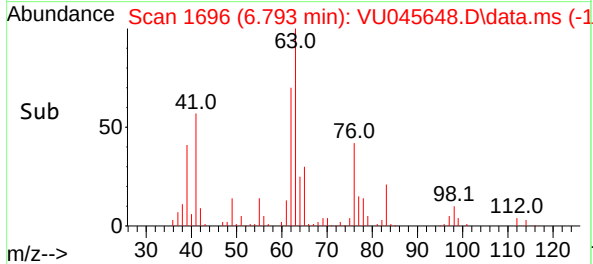
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



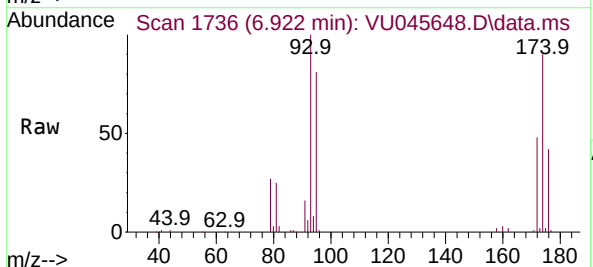
Tgt Ion: 63 Resp: 9675
Ion Ratio Lower Upper
63 100
65 29.9 25.7 38.5

Manual Integrations
APPROVED

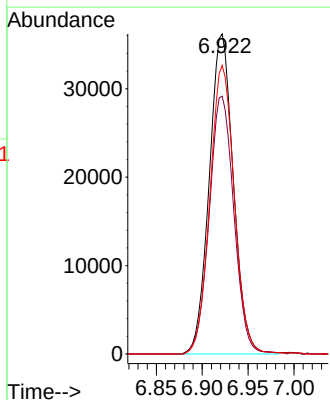
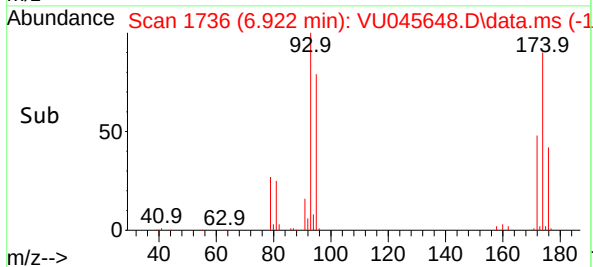
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

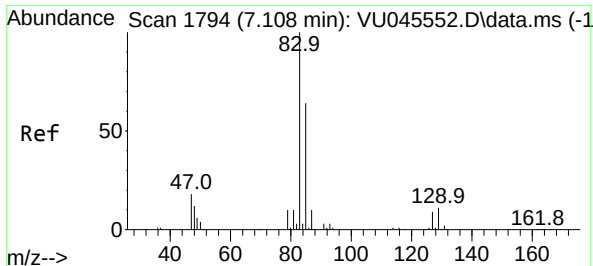


#46
Dibromomethane
Concen: 49.551 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19



Tgt Ion: 93 Resp: 66377
Ion Ratio Lower Upper
93 100
95 82.3 66.2 99.2
174 91.0 71.0 106.6





#47

Bromodichloromethane

Concen: 50.802 ug/l

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

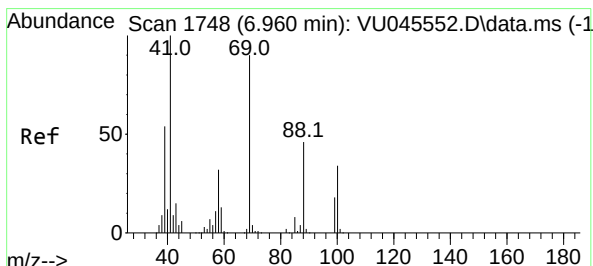
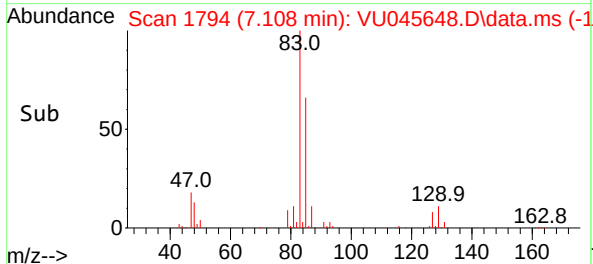
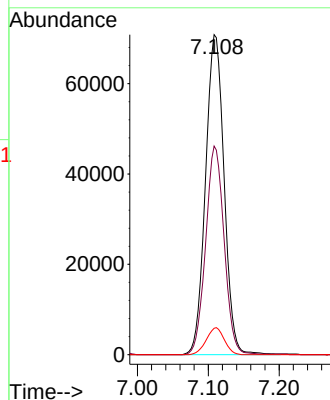
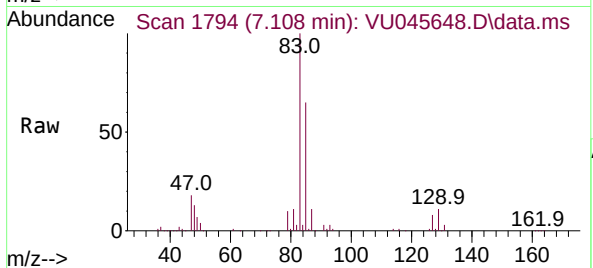
Tgt Ion:	83	Resp:	129120
Ion	Ratio	Lower	Upper
83	100		
85	65.2	49.8	74.6
127	8.2	6.2	9.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#48

Methyl methacrylate

Concen: 50.323 ug/l

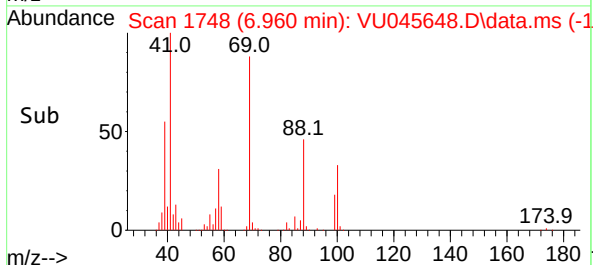
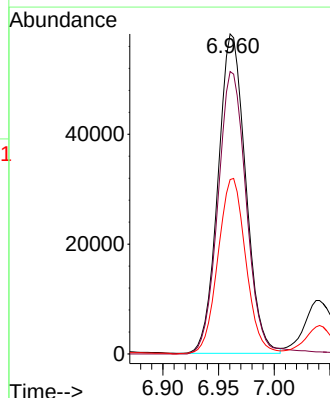
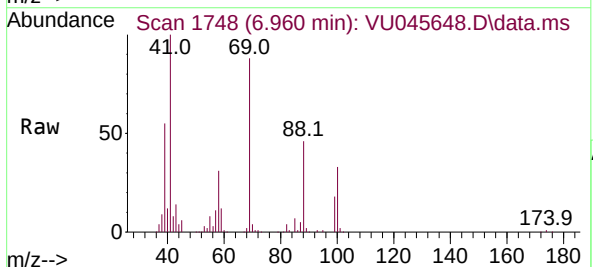
RT: 6.960 min Scan# 1748

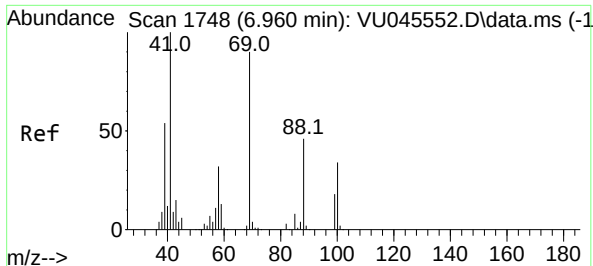
Delta R.T. -0.000 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Tgt Ion:	41	Resp:	100434
Ion	Ratio	Lower	Upper
41	100		
69	91.3	70.2	105.2
39	55.4	43.9	65.9





#49

1,4-Dioxane

Concen: 990.325 ug/l

RT: 6.963 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

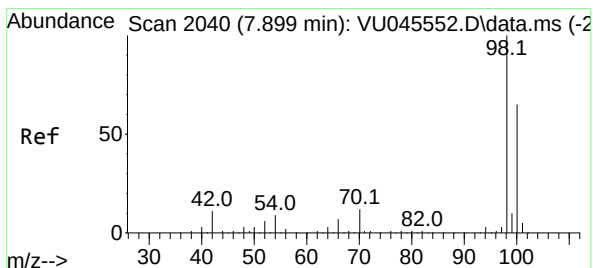
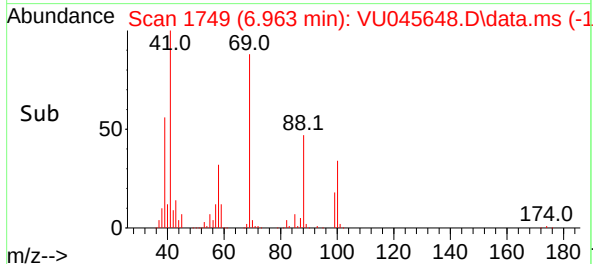
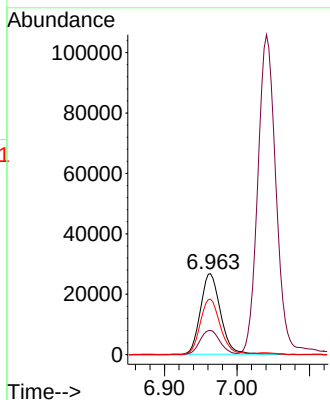
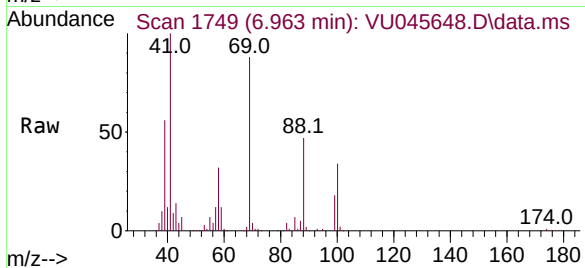
Tgt Ion: 88 Resp: 50828
 Ion Ratio Lower Upper
 88 100
 43 30.6 0.0 0.0
 58 69.7 58.7 88.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#50

Toluene-d8

Concen: 43.974 ug/l

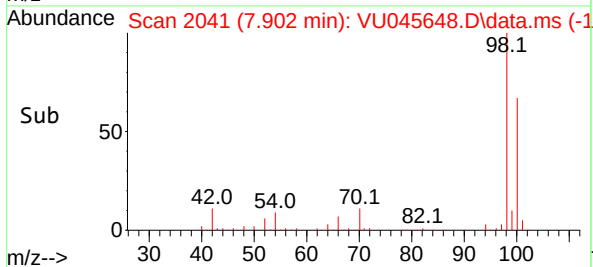
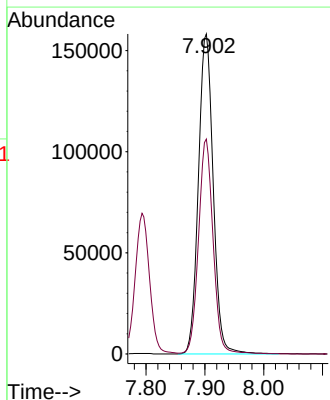
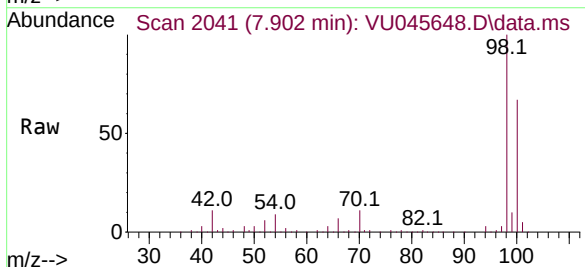
RT: 7.902 min Scan# 2041

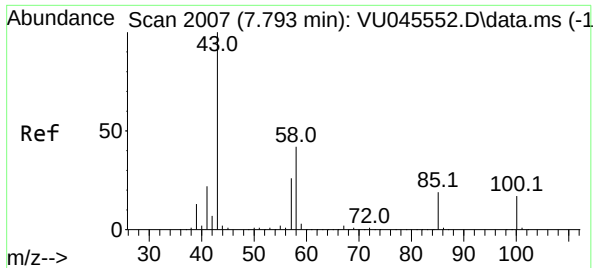
Delta R.T. 0.003 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Tgt Ion: 98 Resp: 276311
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 247.472 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 70785

Ion Ratio Lower Upper

43 100

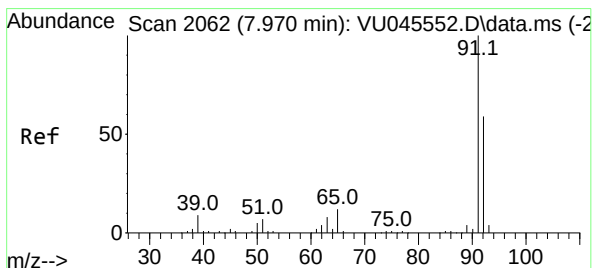
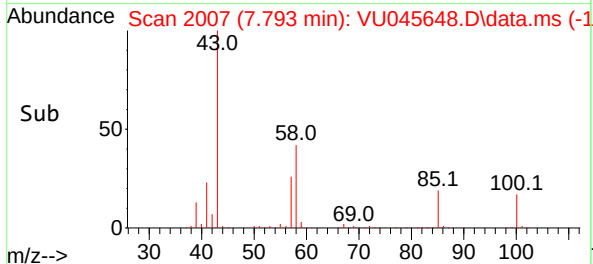
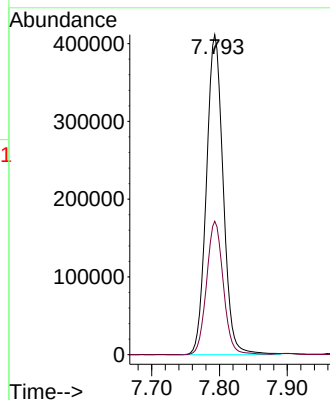
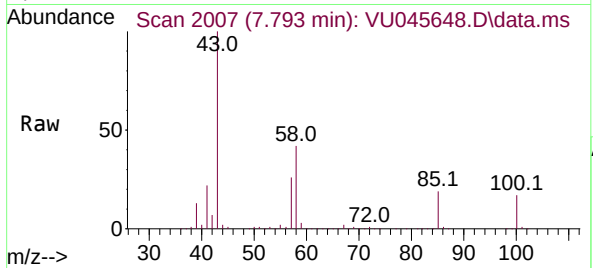
58 41.6 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#52

Toluene

Concen: 50.394 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU045648.D

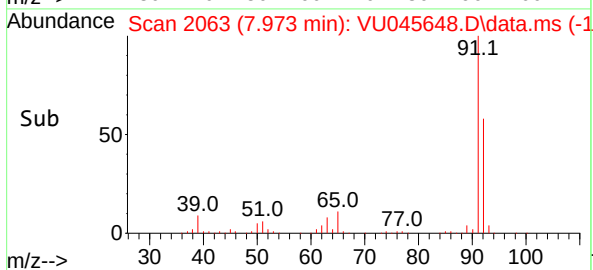
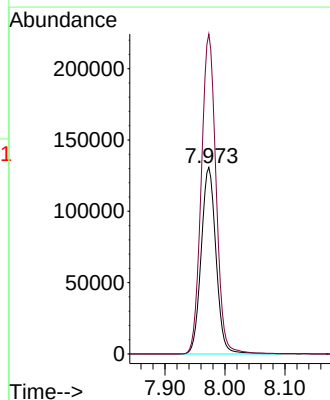
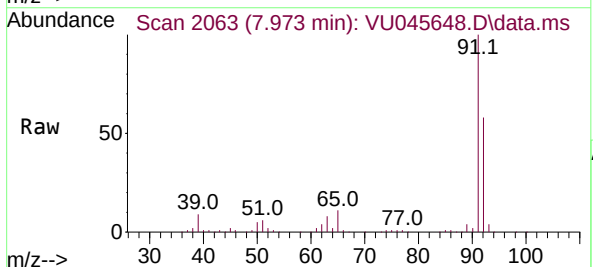
Acq: 09 Nov 2021 10:19

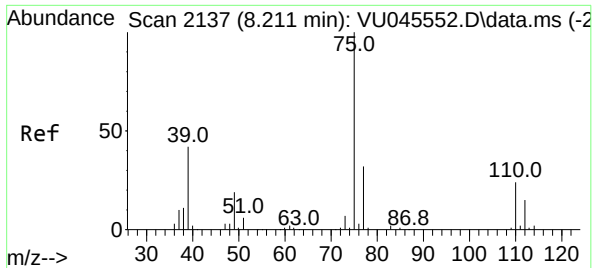
Tgt Ion: 92 Resp: 225426

Ion Ratio Lower Upper

92 100

91 171.4 135.6 203.4





#53
 t-1,3-Dichloropropene
 Concen: 50.561 ug/l
 RT: 8.214 min Scan# 2137
 Delta R.T. 0.003 min
 Lab File: VU045648.D
 Acq: 09 Nov 2021 10:19

Instrument :

MSVOA_U

ClientSampleId :

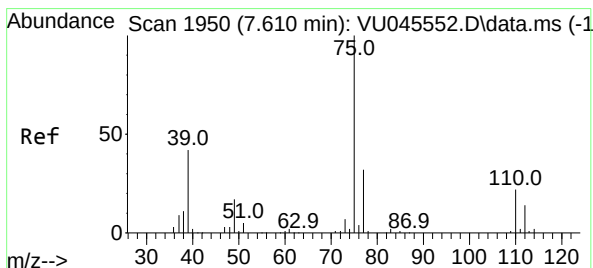
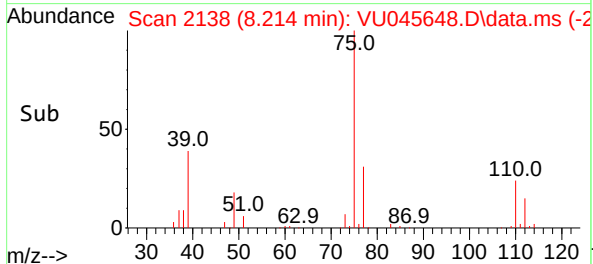
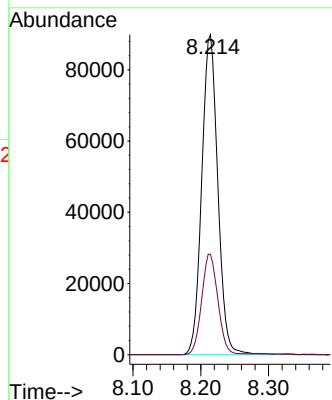
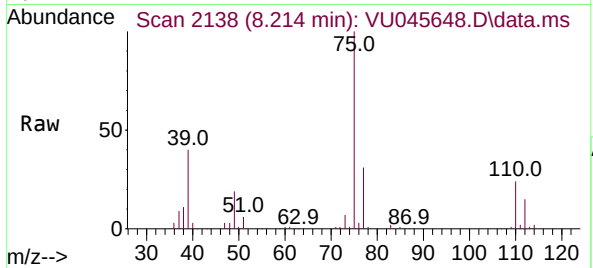
VSTDCCC050

Tgt Ion: 75 Resp: 147690
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.8 38.8

Manual Integrations

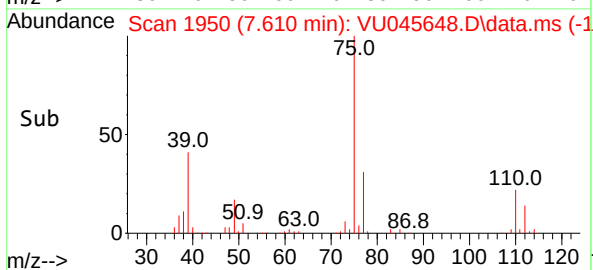
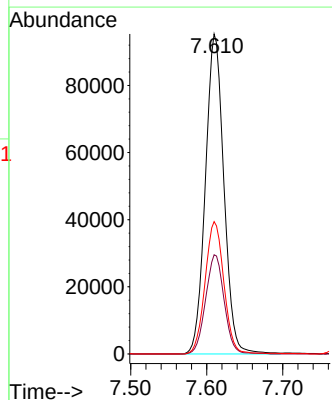
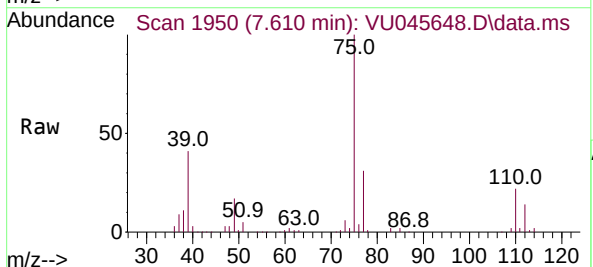
APPROVED

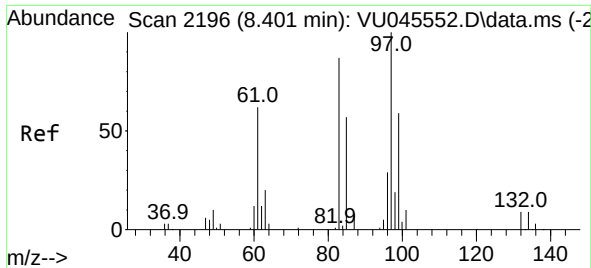
Reviewed By :John Carlone 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#54
 cis-1,3-Dichloropropene
 Concen: 51.890 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VU045648.D
 Acq: 09 Nov 2021 10:19

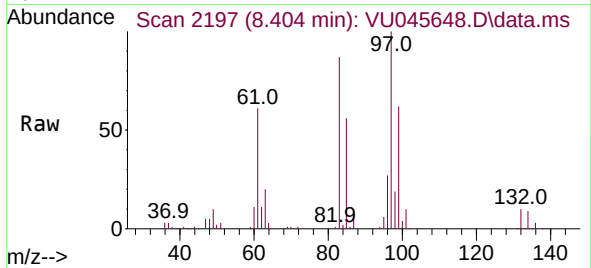
Tgt Ion: 75 Resp: 160998
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 37.0
 39 41.3 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 50.515 ug/l
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

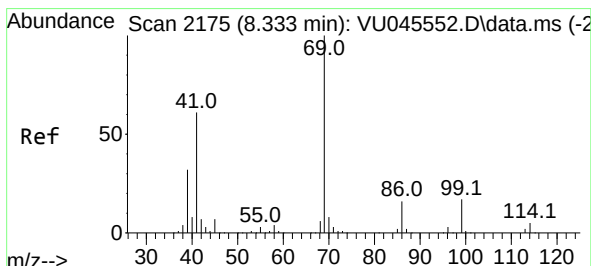
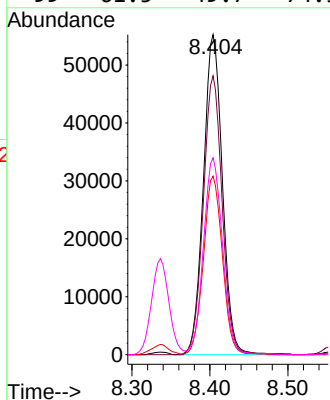
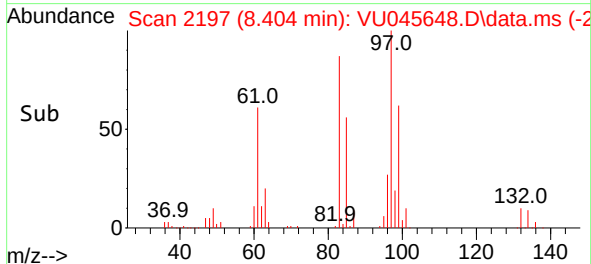
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



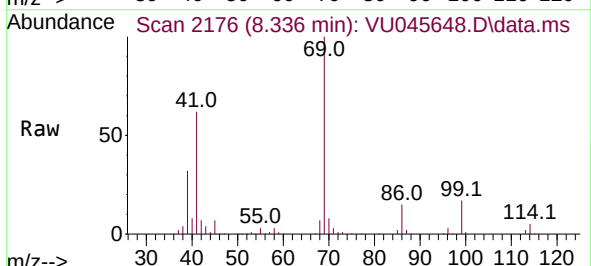
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.3	105.5
85	55.8	45.5	68.3
99	61.5	49.7	74.5

Manual Integrations
APPROVED

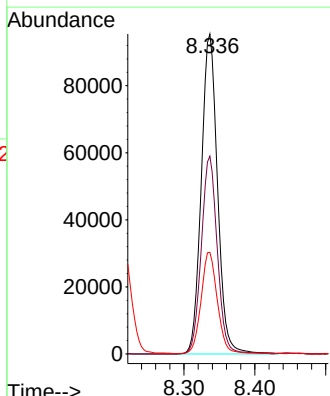
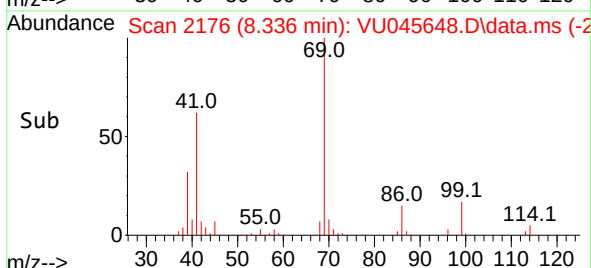
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

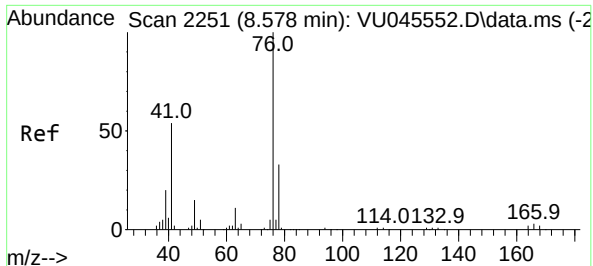


#56
Ethyl methacrylate
Concen: 45.847 ug/l
RT: 8.336 min Scan# 2176
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19



Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.2	51.0	76.4
39	32.2	26.6	39.8





#57

1,3-Dichloropropane

Concen: 49.341 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 16475

Ion Ratio Lower Upper

76 100

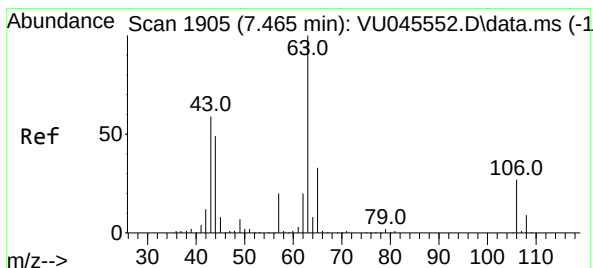
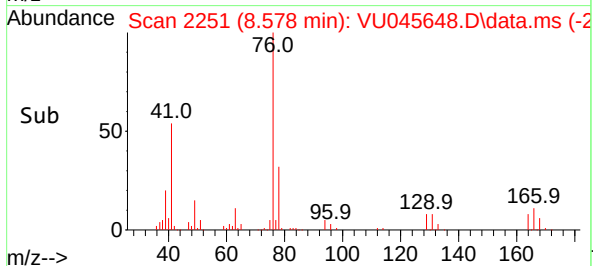
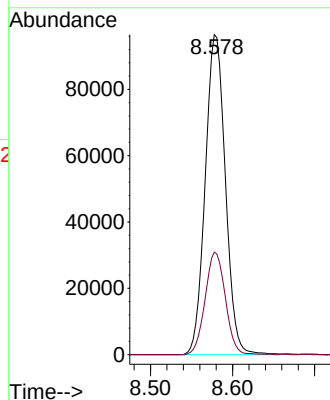
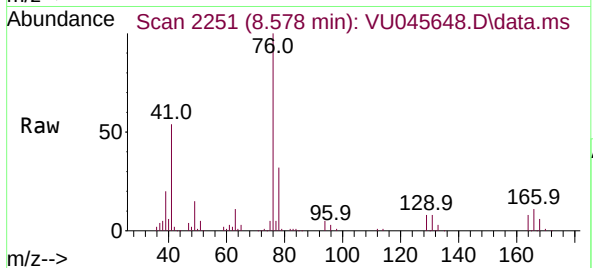
78 32.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#58

2-Chloroethyl Vinyl ether

Concen: 205.296 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VU045648.D

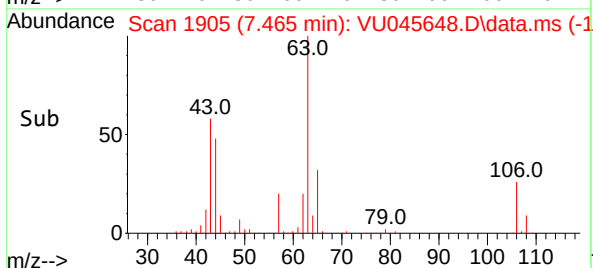
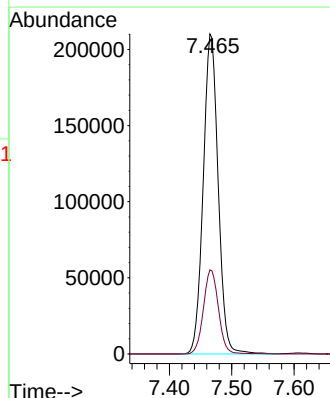
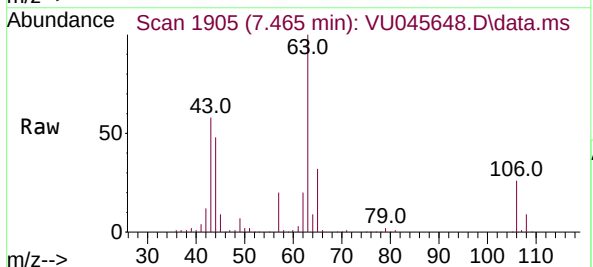
Acq: 09 Nov 2021 10:19

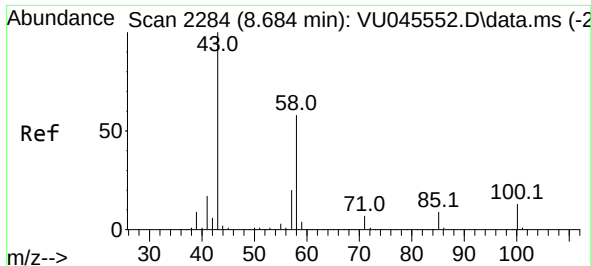
Tgt Ion: 63 Resp: 350398

Ion Ratio Lower Upper

63 100

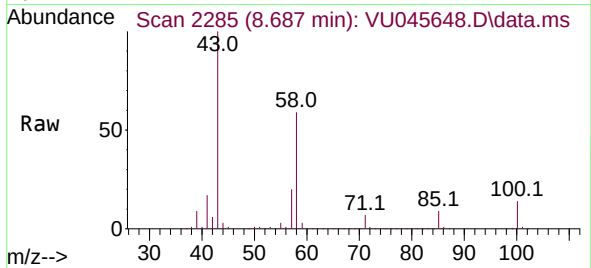
106 26.4 21.0 31.4





#59
2-Hexanone
Concen: 226.496 ug/l
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

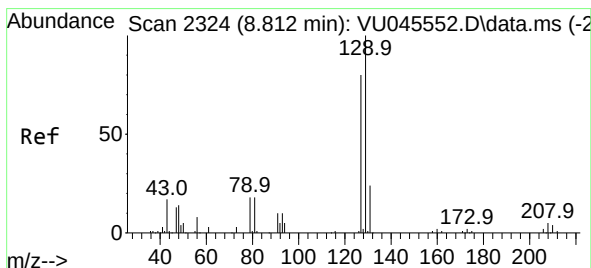
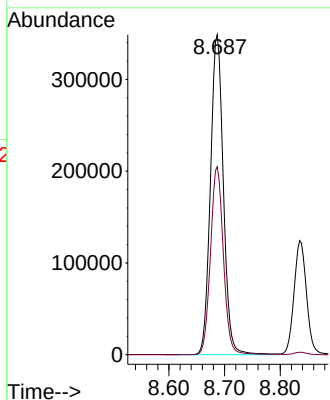
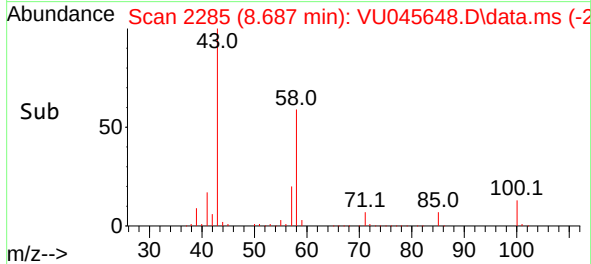
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 56190
Ion Ratio Lower Upper
43 100
58 58.6 29.5 88.6

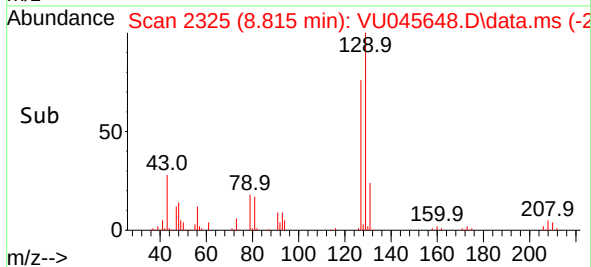
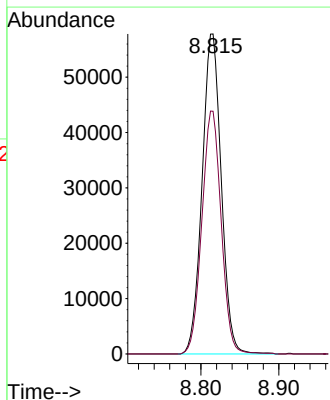
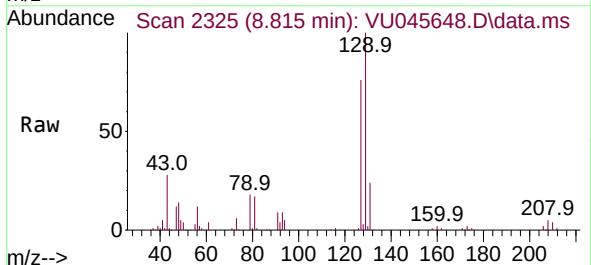
Manual Integrations
APPROVED

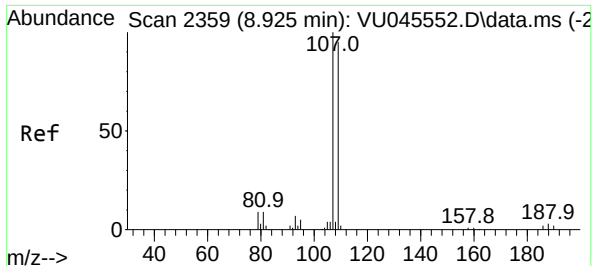
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#60
Dibromochloromethane
Concen: 51.110 ug/l
RT: 8.815 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

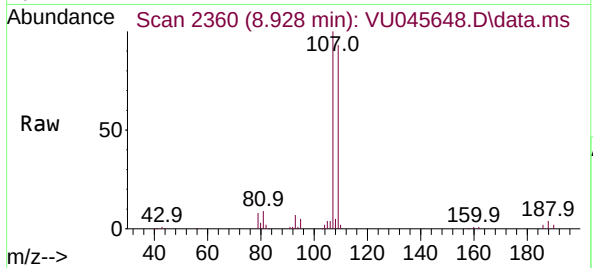
Tgt Ion:129 Resp: 98667
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.3





#61
1,2-Dibromoethane
Concen: 49.973 ug/l
RT: 8.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

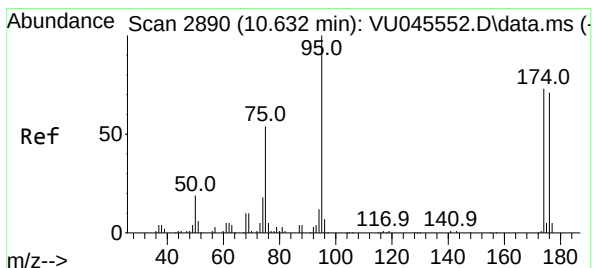
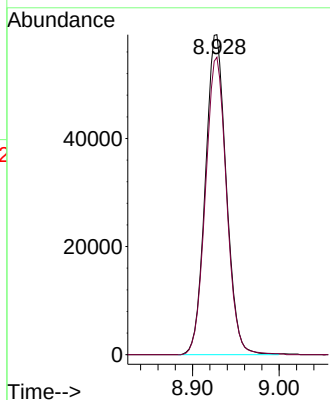
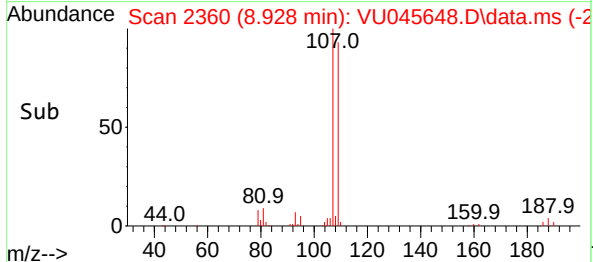
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



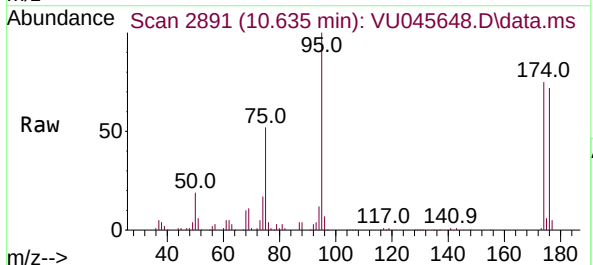
Tgt Ion:107 Resp: 99360
Ion Ratio Lower Upper
107 100
109 93.8 75.8 113.8

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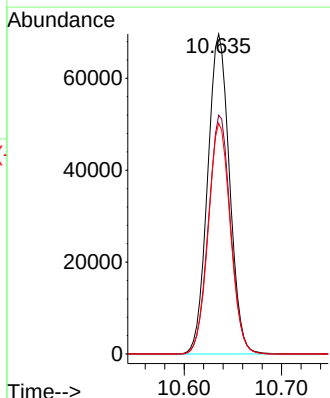
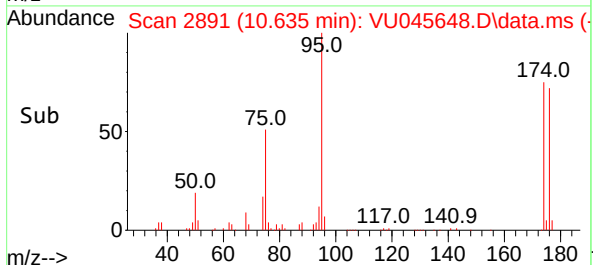
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

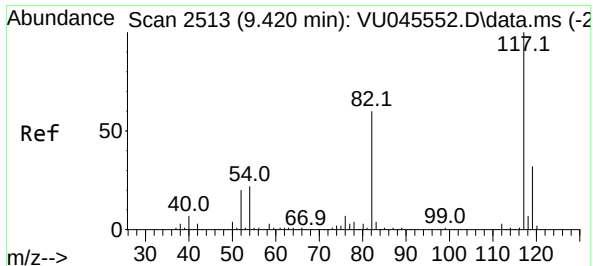


#62
4-Bromofluorobenzene
Concen: 43.159 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19



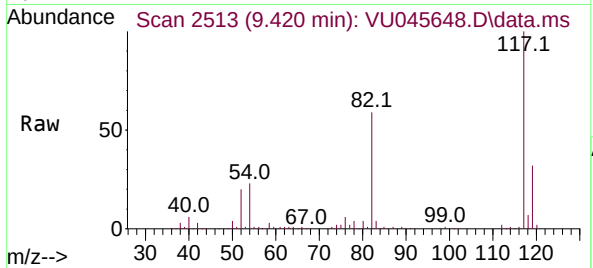
Tgt Ion: 95 Resp: 108746
Ion Ratio Lower Upper
95 100
174 75.2 0.0 141.8
176 72.7 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

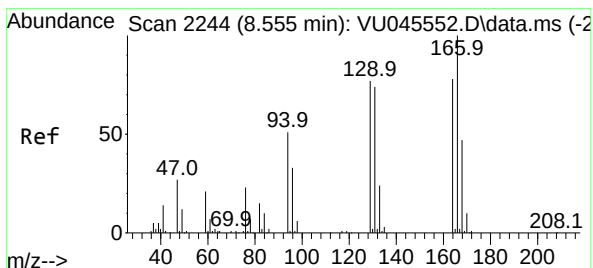
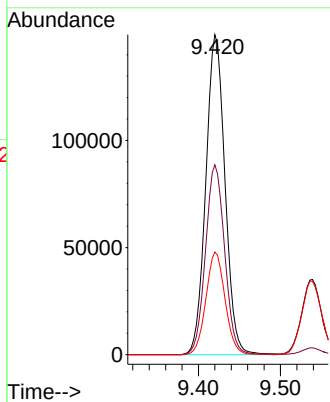
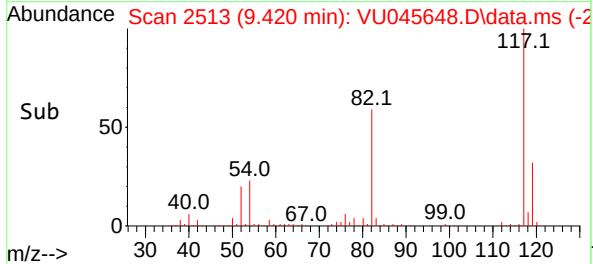
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 24296
Ion Ratio Lower Upper
117 100
82 59.3 47.8 71.8
119 32.1 25.8 38.8

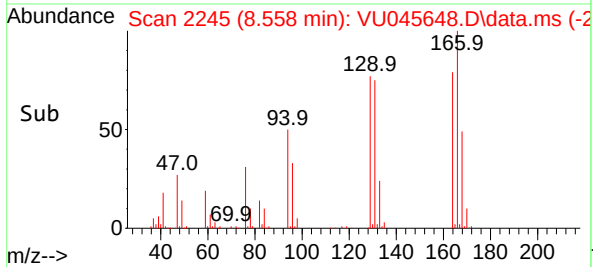
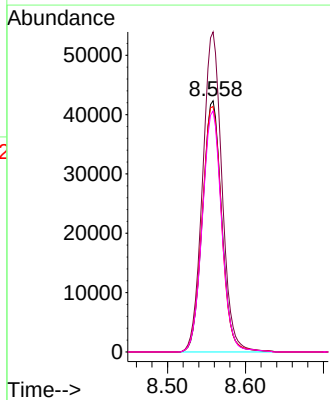
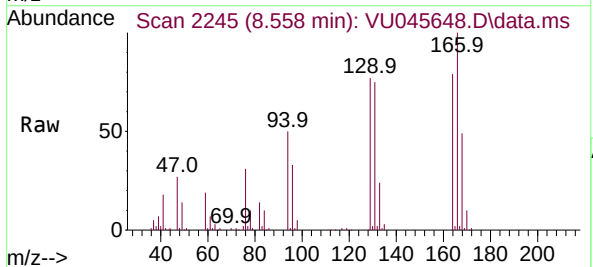
Manual Integrations
APPROVED

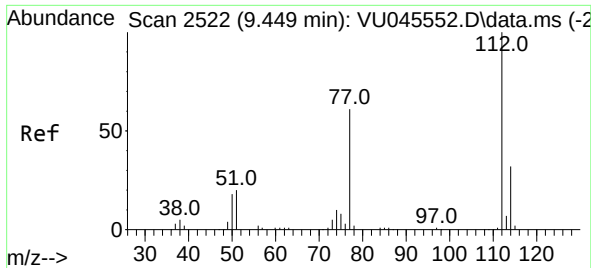
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#64
Tetrachloroethene
Concen: 51.939 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

Tgt Ion:164 Resp: 72428
Ion Ratio Lower Upper
164 100
166 127.4 102.2 153.4
129 97.7 78.2 117.4
131 95.9 75.1 112.7





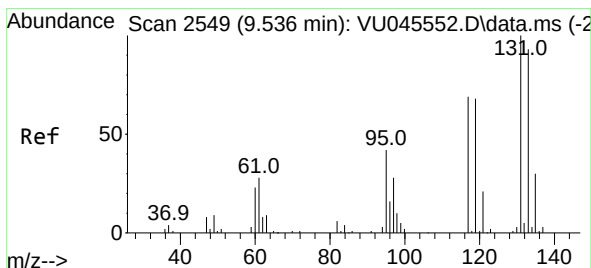
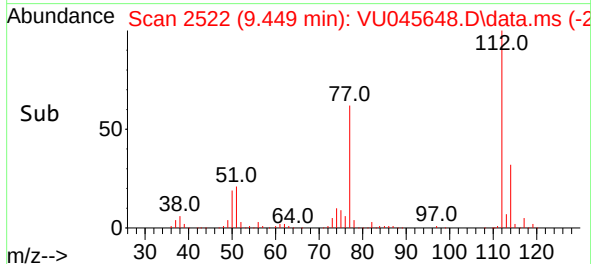
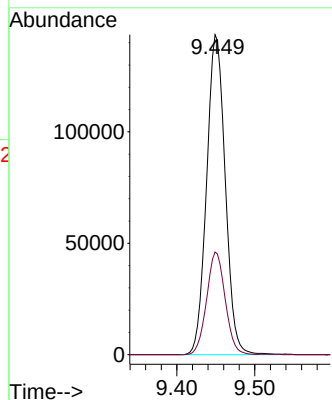
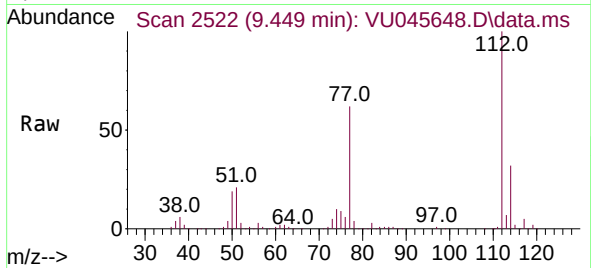
#65
Chlorobenzene
Concen: 49.952 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 238390
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

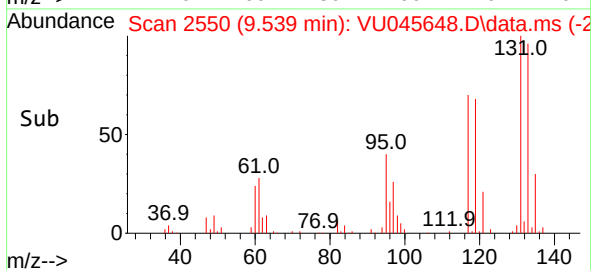
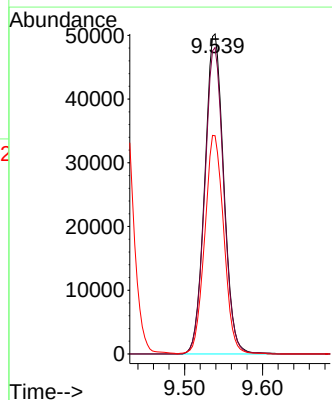
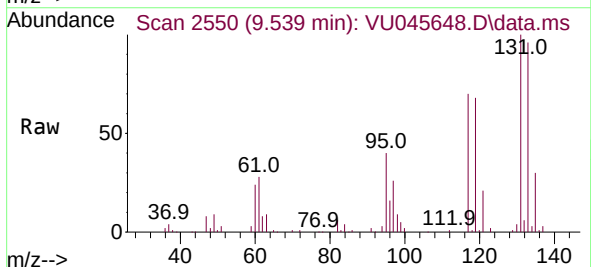
Manual Integrations
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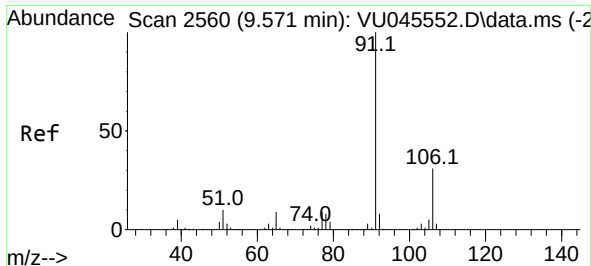
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 49.978 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

Tgt Ion:131 Resp: 85066
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.6
119 68.5 34.5 103.6





#67

Ethyl Benzene

Concen: 51.615 ug/l

RT: 9.574 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 44112

Ion Ratio Lower Upper

91 100

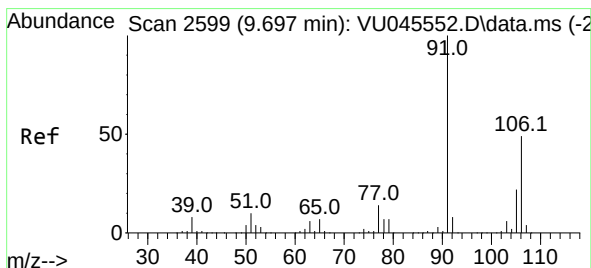
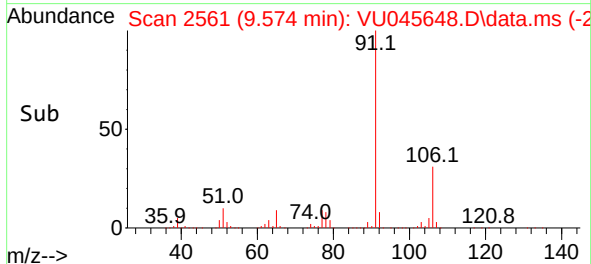
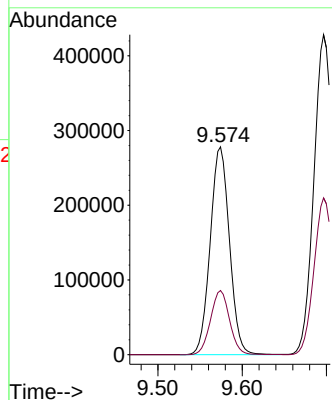
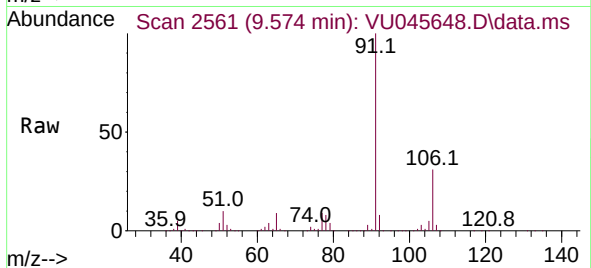
106 30.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#68

m/p-Xylenes

Concen: 105.639 ug/l

RT: 9.696 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU045648.D

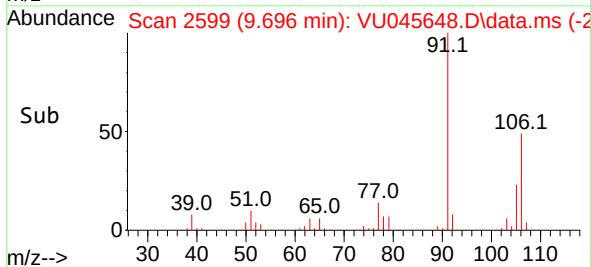
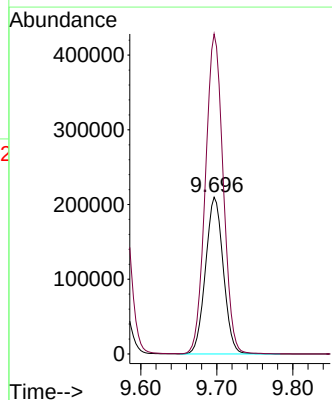
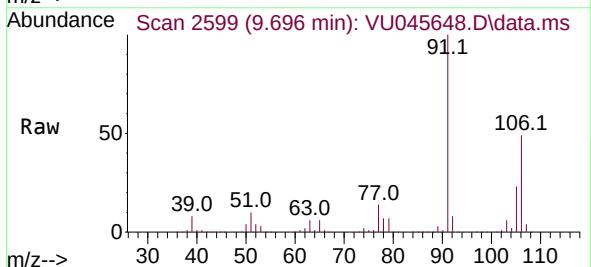
Acq: 09 Nov 2021 10:19

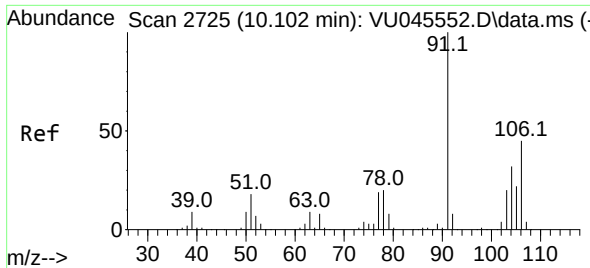
Tgt Ion:106 Resp: 340492

Ion Ratio Lower Upper

106 100

91 204.5 164.7 247.1





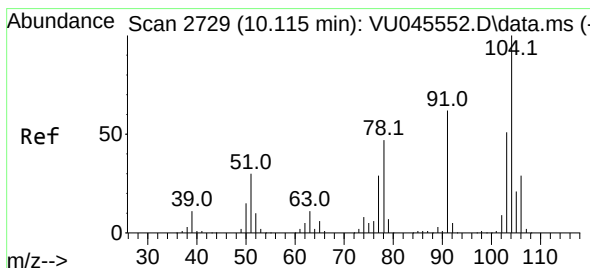
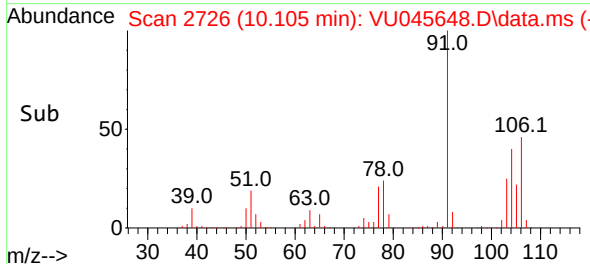
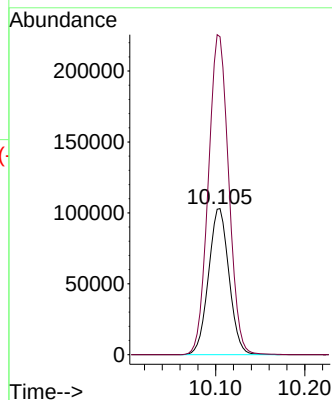
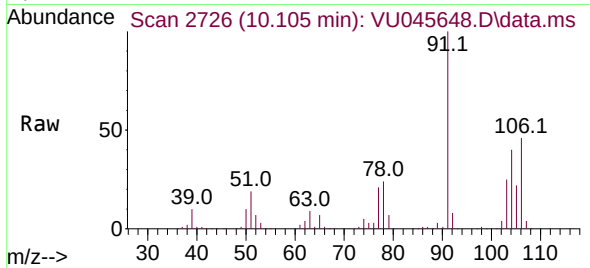
#69
o-Xylene
Concen: 52.436 ug/l
RT: 10.105 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 16431
Ion Ratio Lower Upper
106 100
91 218.1 108.7 326.3

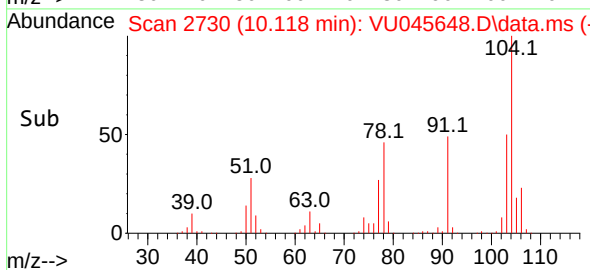
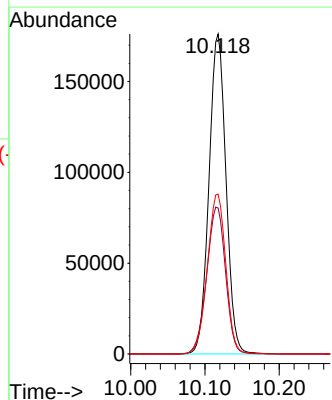
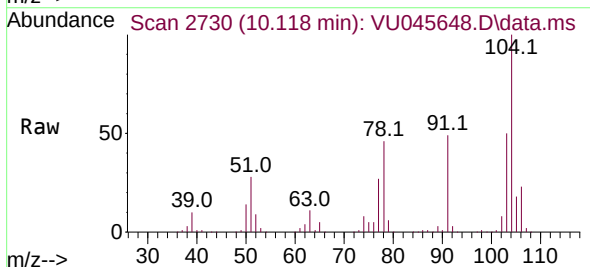
Manual Integrations
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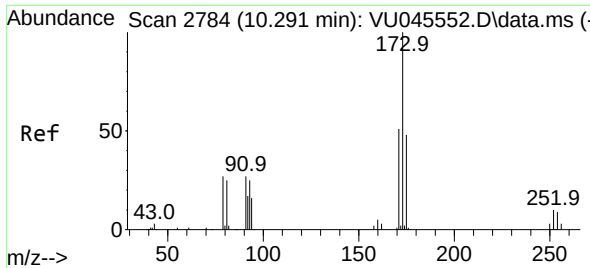
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#70
Styrene
Concen: 52.850 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

Tgt Ion:104 Resp: 280171
Ion Ratio Lower Upper
104 100
78 50.8 41.8 62.6
103 54.3 43.8 65.6





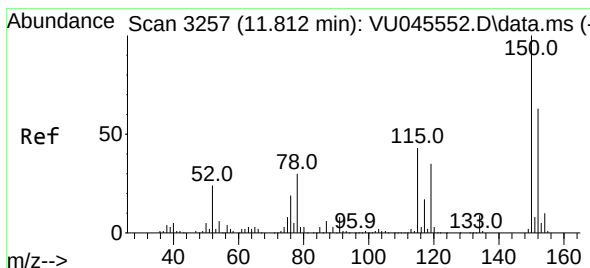
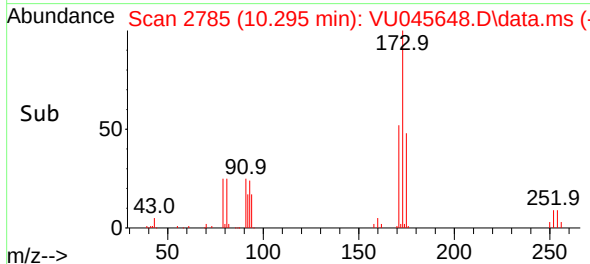
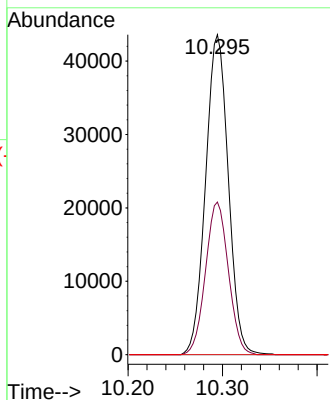
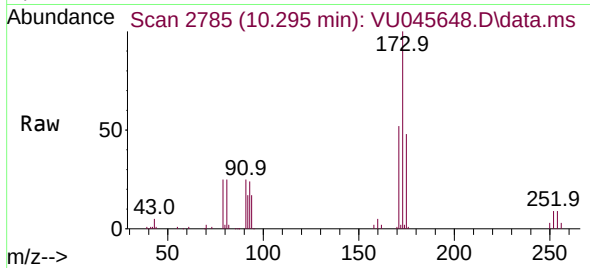
#71
Bromoform
Concen: 45.401 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 72654
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.2
254 0.0 0.0 0.0

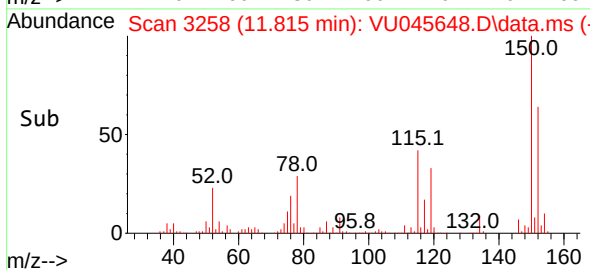
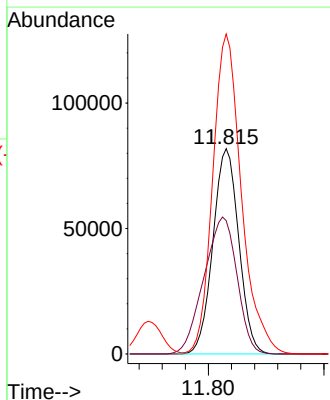
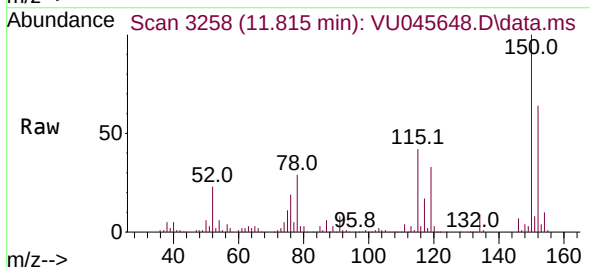
Manual Integrations
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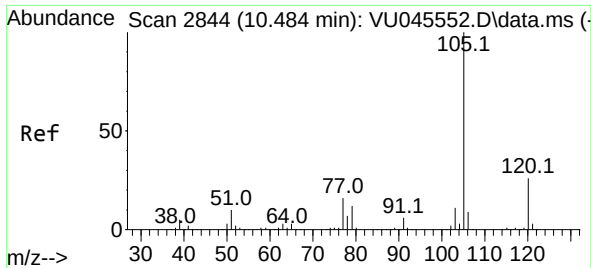
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

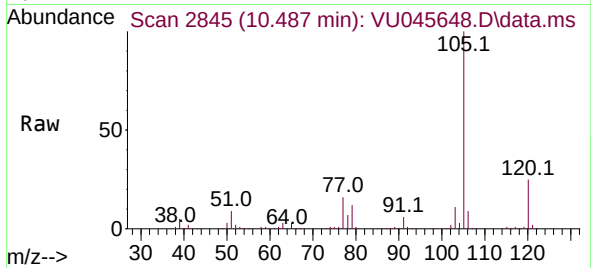
Tgt Ion:152 Resp: 127066
Ion Ratio Lower Upper
152 100
115 85.2 42.7 128.1
150 172.8 0.0 346.8





#73
Isopropylbenzene
Concen: 52.971 ug/l
RT: 10.487 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

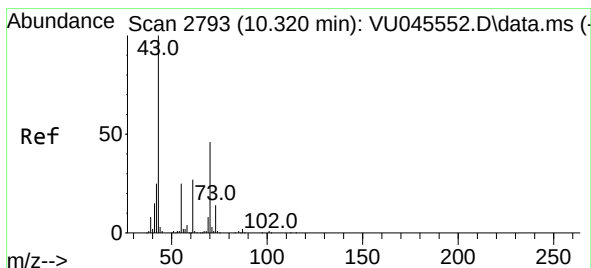
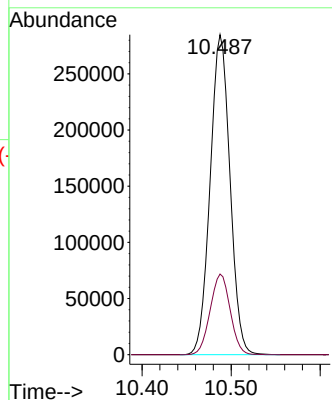
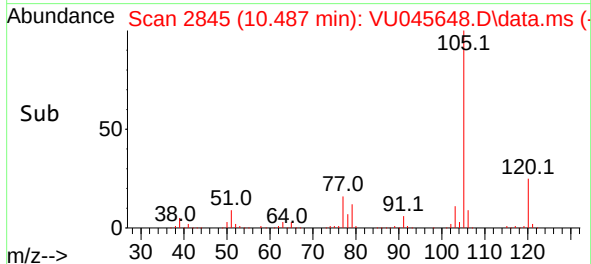
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 439788
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.6

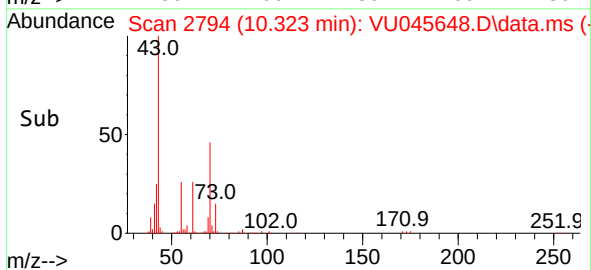
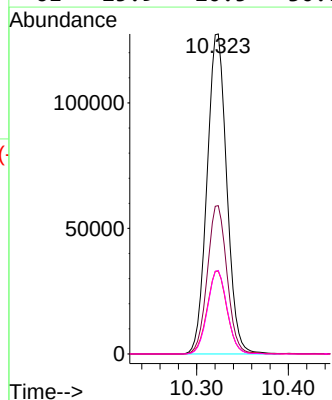
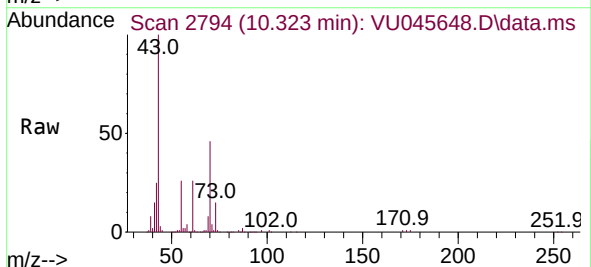
Manual Integrations
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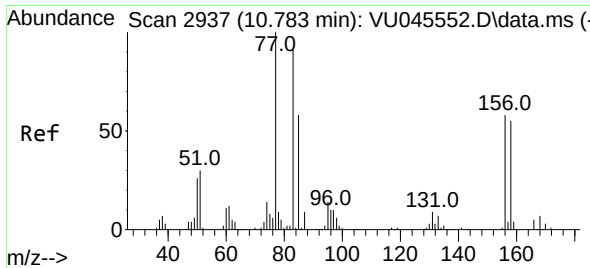
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#74
N-ethyl acetate
Concen: 50.928 ug/l
RT: 10.323 min Scan# 2794
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

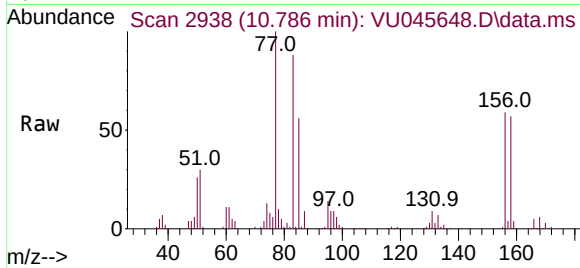
Tgt Ion: 43 Resp: 190746
Ion Ratio Lower Upper
43 100
70 46.2 36.9 55.3
55 26.2 20.6 31.0
61 25.9 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 48.519 ug/l
RT: 10.786 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

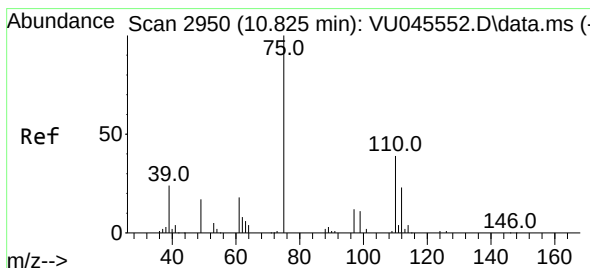
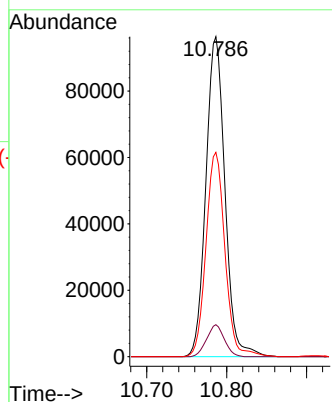
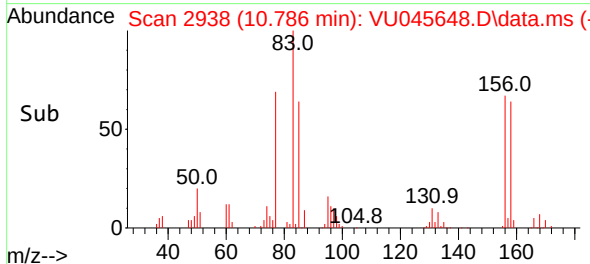
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 15959
Ion Ratio Lower Upper
83 100
131 9.3 4.4 13.2
85 63.7 31.9 95.9

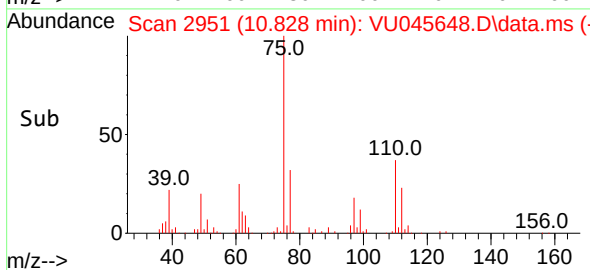
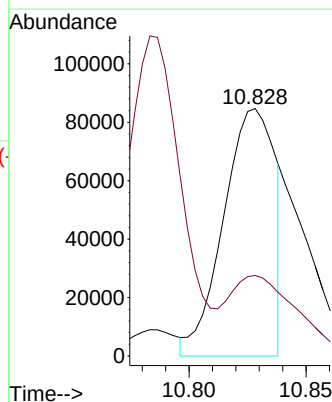
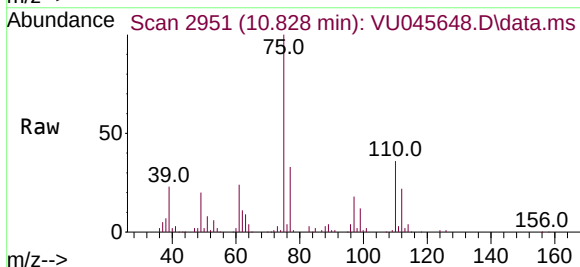
Manual Integrations
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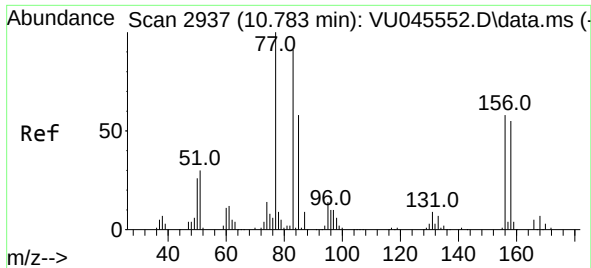
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#76
1,2,3-Trichloropropane
Concen: 33.507 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

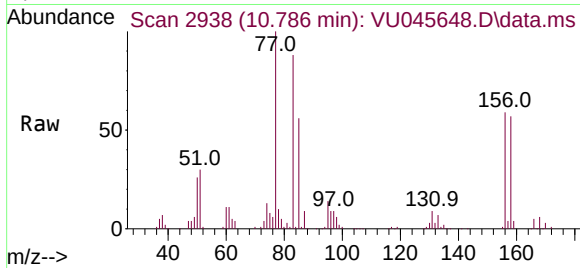
Tgt Ion: 75 Resp: 129115
Ion Ratio Lower Upper
75 100
77 42.8 17.1 51.3





#77
Bromobenzene
Concen: 50.799 ug/l
RT: 10.786 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

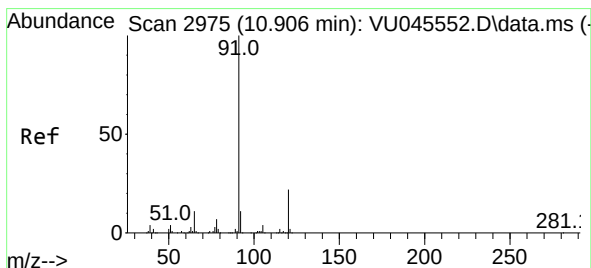
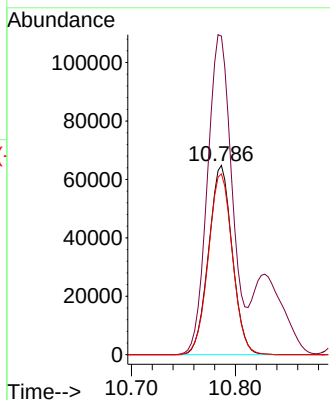
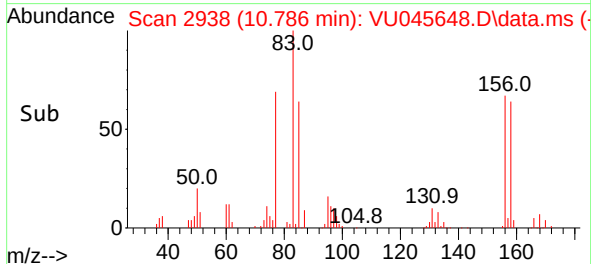
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



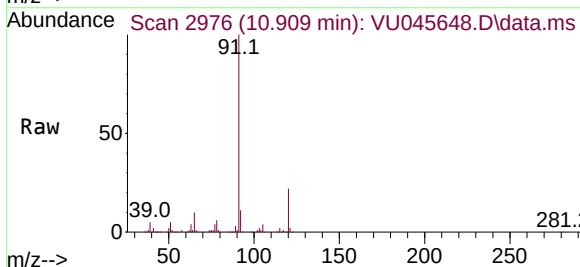
Tgt Ion:156 Resp: 102399
Ion Ratio Lower Upper
156 100
77 176.6 91.1 273.4
158 97.4 47.9 143.6

Manual Integrations
APPROVED

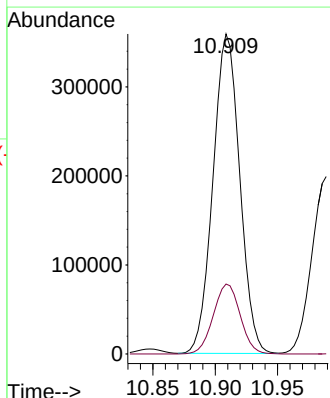
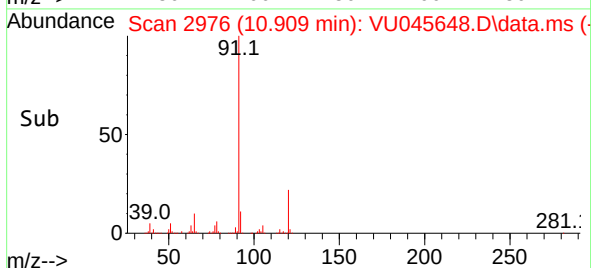
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

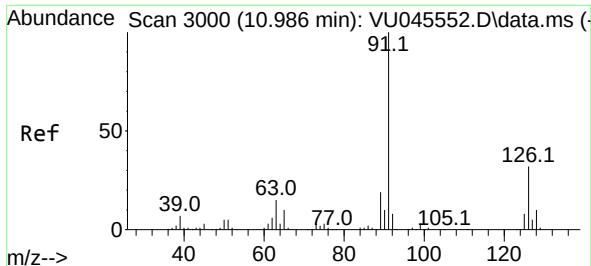


#78
n-propylbenzene
Concen: 51.904 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19



Tgt Ion: 91 Resp: 536336
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.7





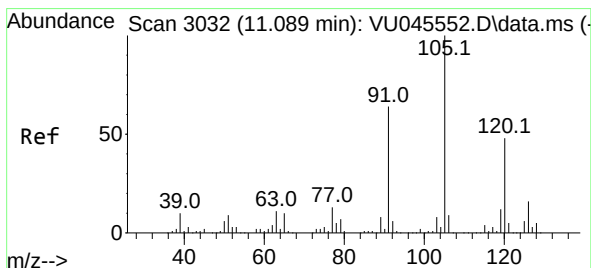
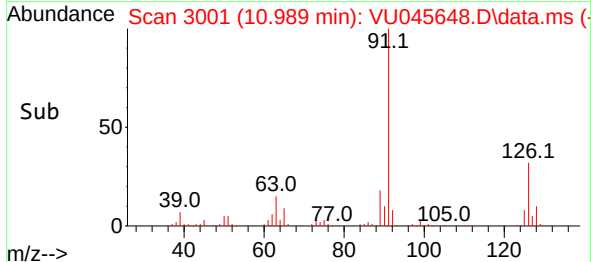
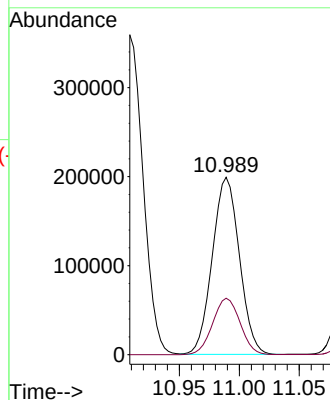
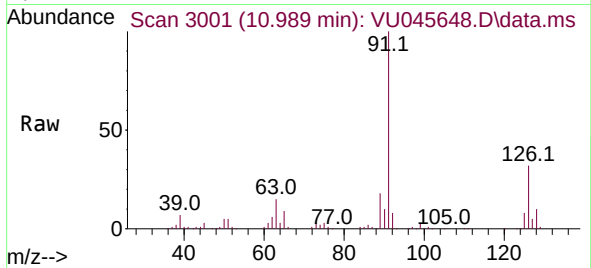
#79
2-Chlorotoluene
Concen: 51.172 ug/l
RT: 10.989 min Scan# 3000
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 31240
Ion Ratio Lower Upper
91 100
126 32.3 15.6 46.8

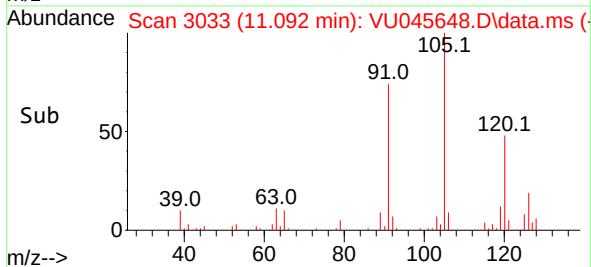
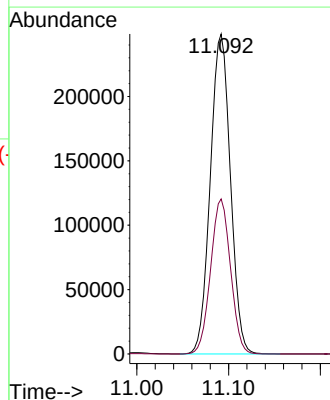
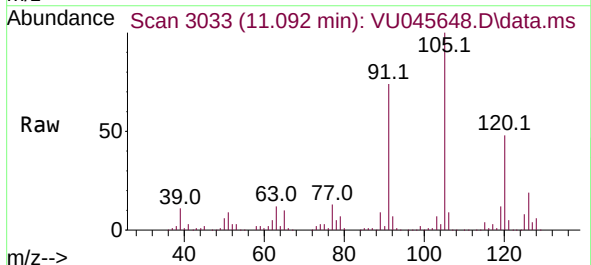
Manual Integrations
APPROVED

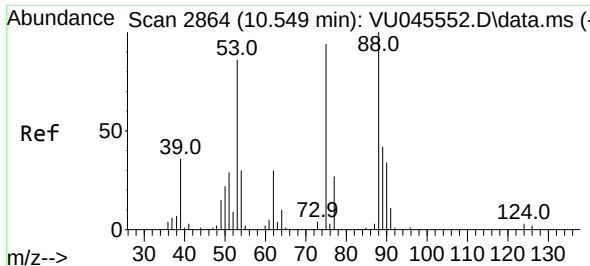
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#80
1,3,5-Trimethylbenzene
Concen: 52.222 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

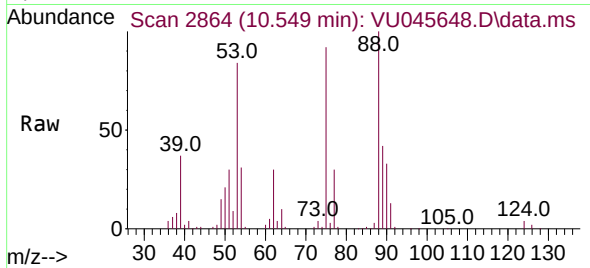
Tgt Ion:105 Resp: 378808
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 44.318 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

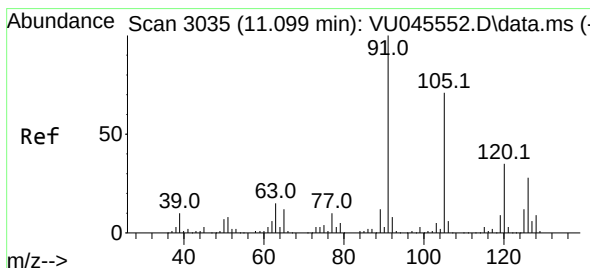
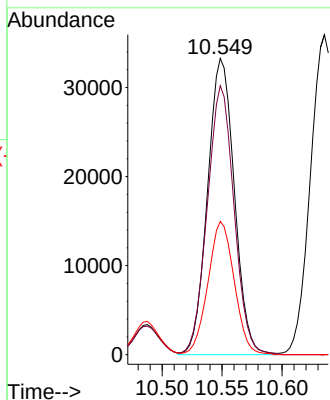
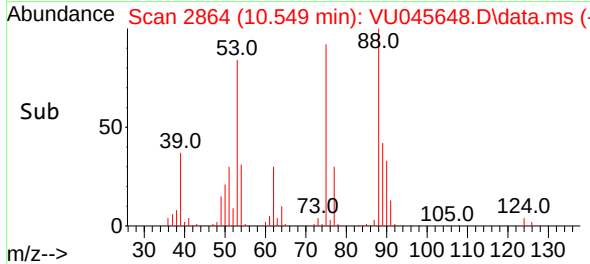
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 51709
Ion Ratio Lower Upper
75 100
53 90.7 76.2 114.4
89 44.1 34.0 51.0

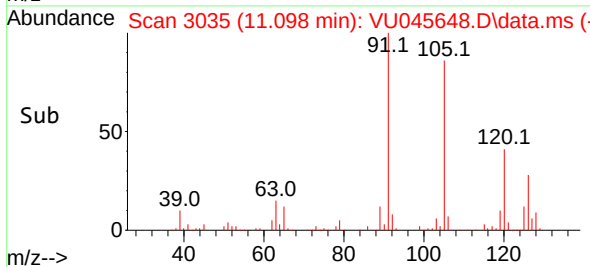
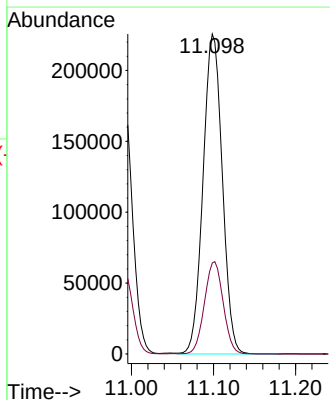
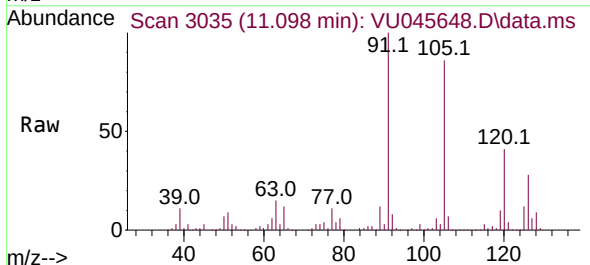
Manual Integrations
APPROVED

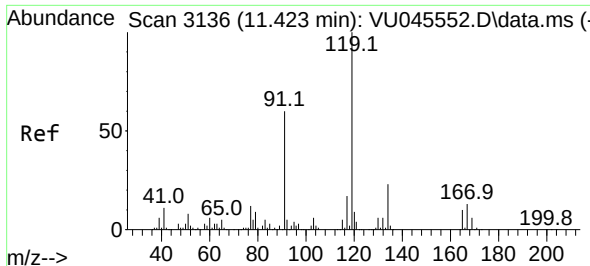
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#82
4-Chlorotoluene
Concen: 51.273 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

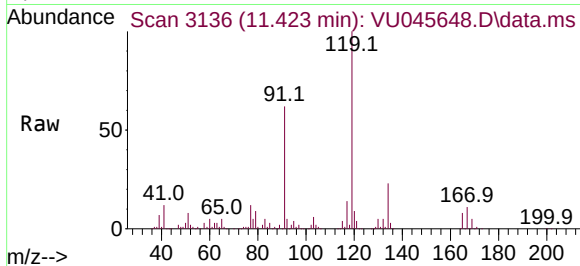
Tgt Ion: 91 Resp: 367097
Ion Ratio Lower Upper
91 100
126 28.1 13.8 41.4





#83
tert-Butylbenzene
Concen: 52.289 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

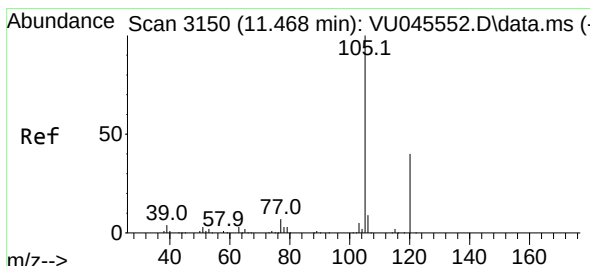
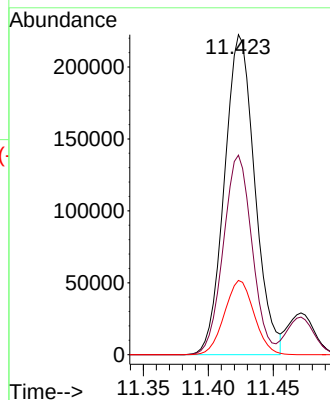
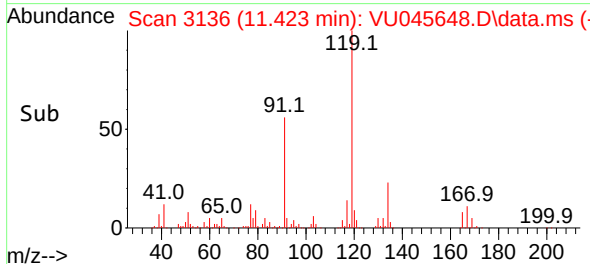
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



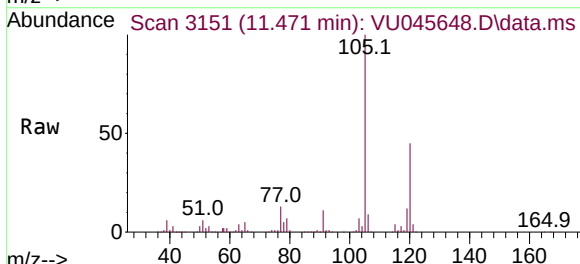
Tgt Ion:119 Resp: 36156
Ion Ratio Lower Upper
119 100
91 59.1 30.5 91.5
134 22.6 11.5 34.5

Manual Integrations
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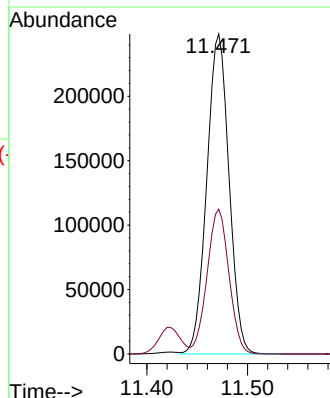
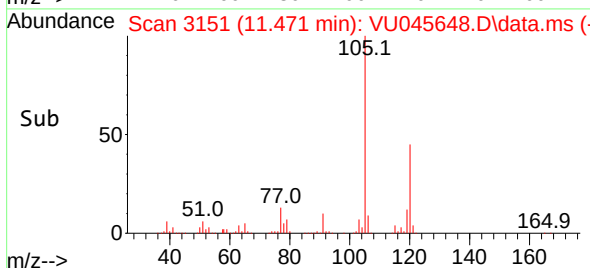
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

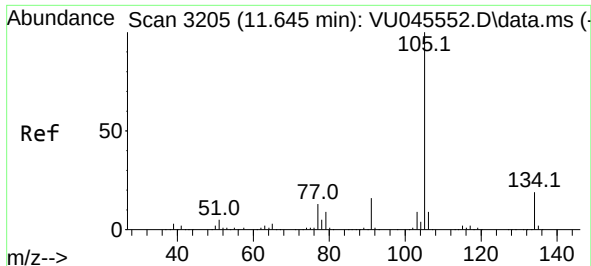


#84
1,2,4-Trimethylbenzene
Concen: 52.853 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19



Tgt Ion:105 Resp: 381035
Ion Ratio Lower Upper
105 100
120 44.6 22.2 66.6





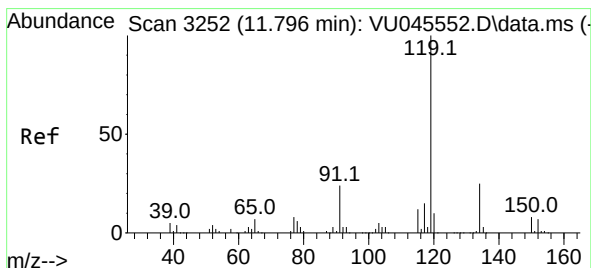
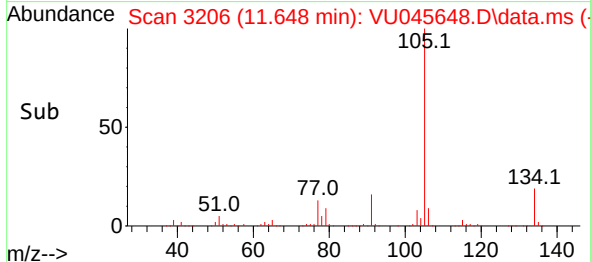
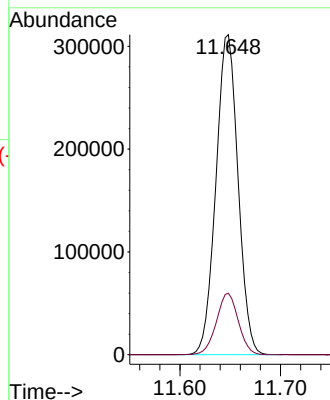
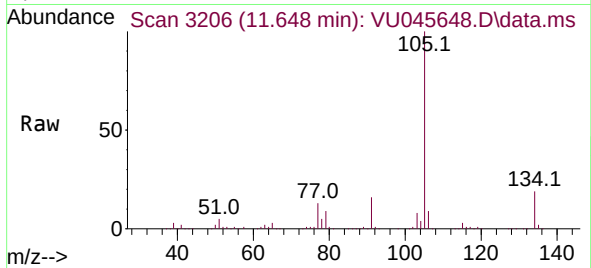
#85
 sec-Butylbenzene
 Concen: 51.803 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU045648.D
 Acq: 09 Nov 2021 10:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 475069
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.4 28.3

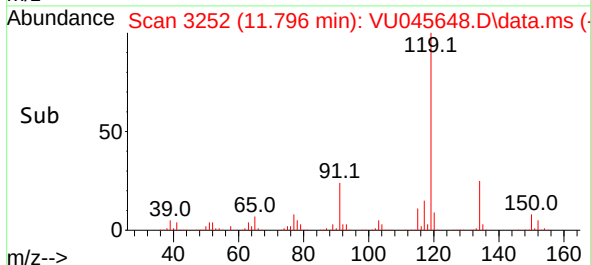
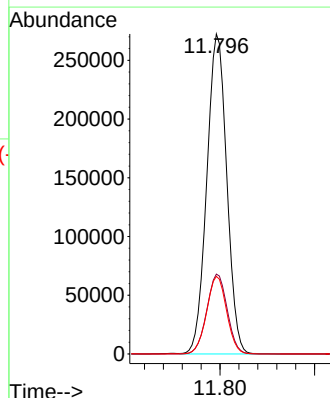
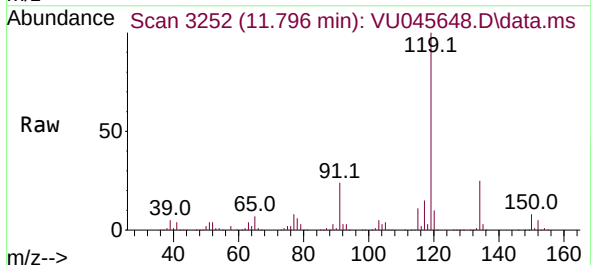
Manual Integrations
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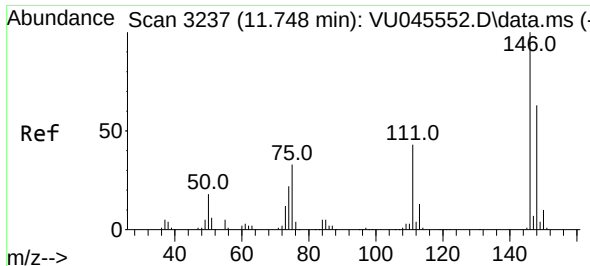
Reviewed By :John Carlone 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#86
 p-Isopropyltoluene
 Concen: 52.135 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. -0.000 min
 Lab File: VU045648.D
 Acq: 09 Nov 2021 10:19

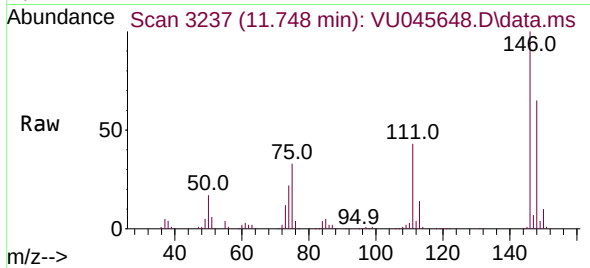
Tgt Ion:119 Resp: 399535
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.7 38.1
 91 24.3 12.2 36.4





#87
1,3-Dichlorobenzene
Concen: 49.160 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

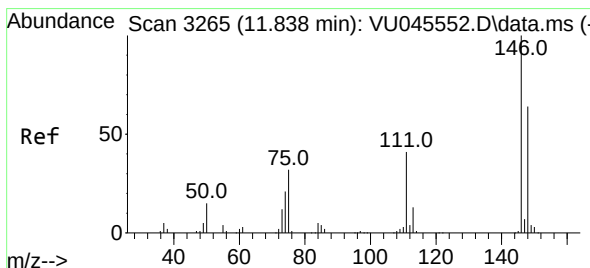
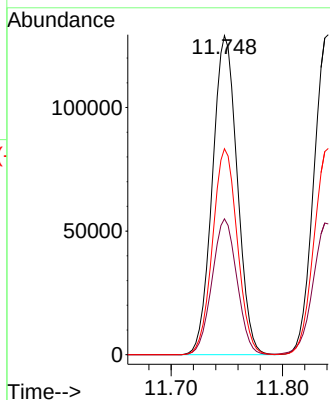
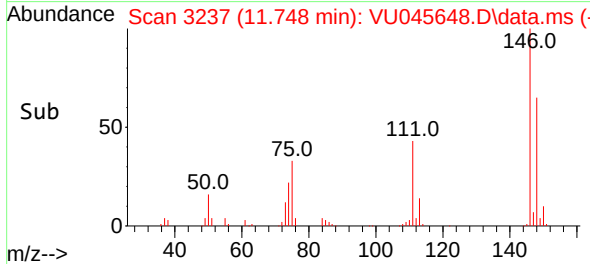
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



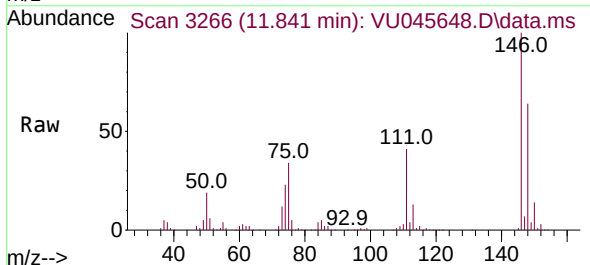
Tgt Ion:146 Resp: 199939
Ion Ratio Lower Upper
146 100
111 42.7 21.3 63.9
148 64.4 31.7 95.1

Manual Integrations
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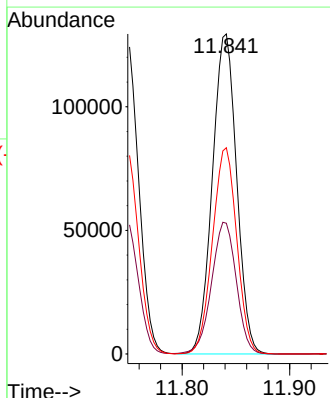
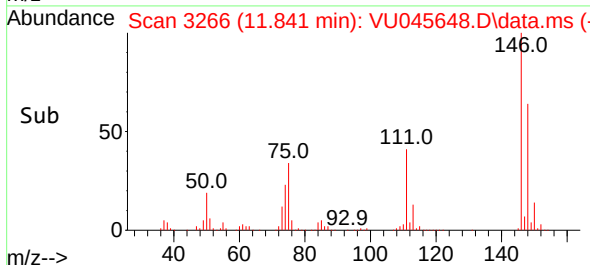
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

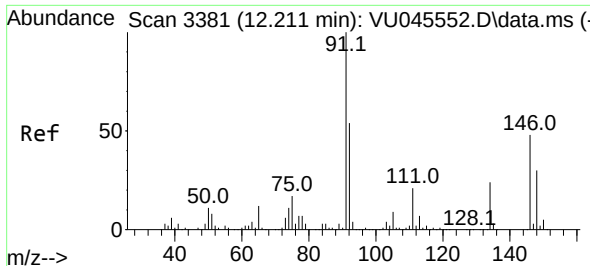


#88
1,4-Dichlorobenzene
Concen: 49.346 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19



Tgt Ion:146 Resp: 202983
Ion Ratio Lower Upper
146 100
111 42.0 20.6 61.9
148 64.6 31.9 95.7





#89

n-Butylbenzene

Concen: 51.716 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 38177

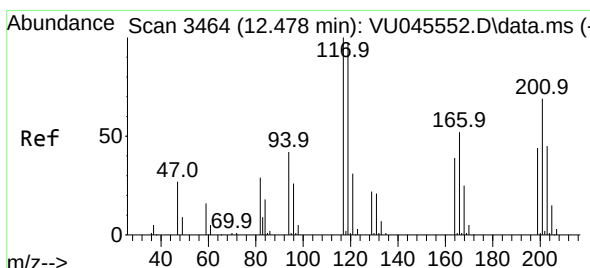
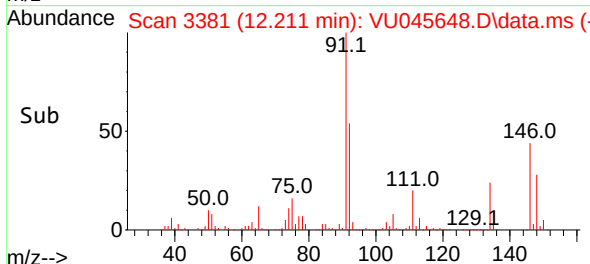
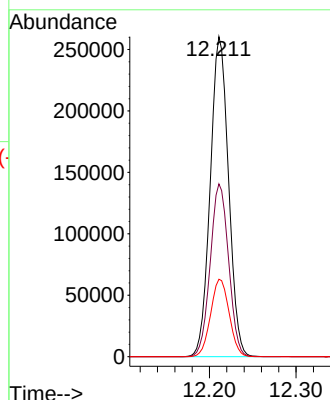
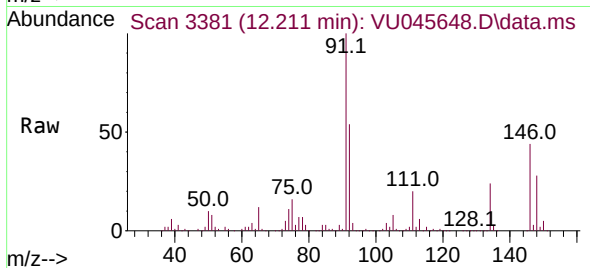
Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.1	81.2
134	24.5	11.8	35.4

Manual Integrations

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Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#90

Hexachloroethane

Concen: 49.074 ug/l

RT: 12.481 min Scan# 3465

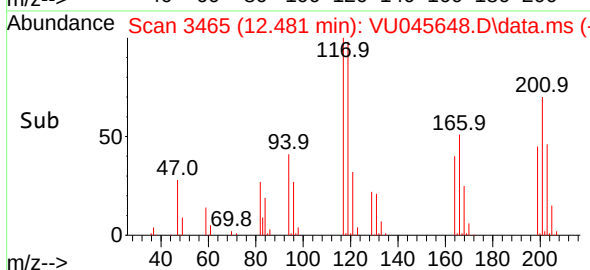
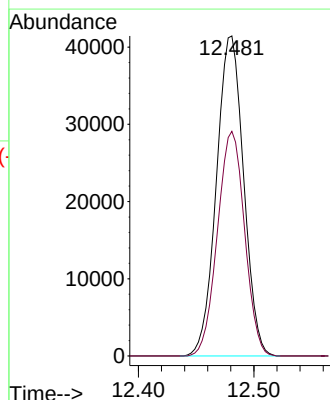
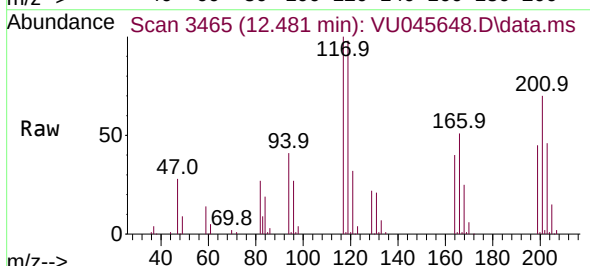
Delta R.T. 0.003 min

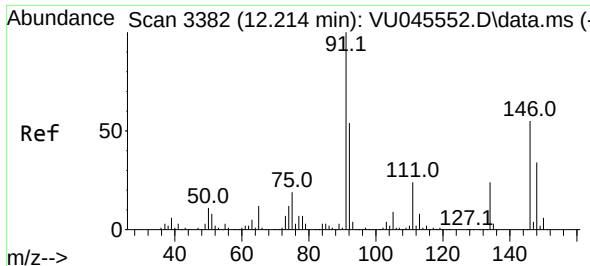
Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Tgt Ion:117 Resp: 67843

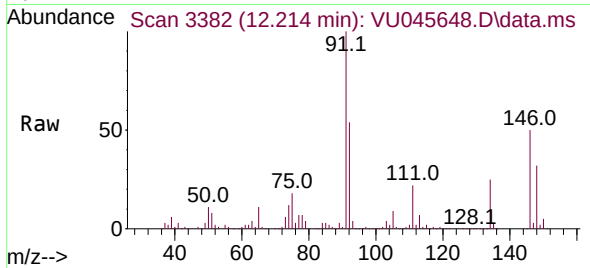
Ion	Ratio	Lower	Upper
117	100		
201	69.9	33.8	101.4





#91
1,2-Dichlorobenzene
Concen: 49.650 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

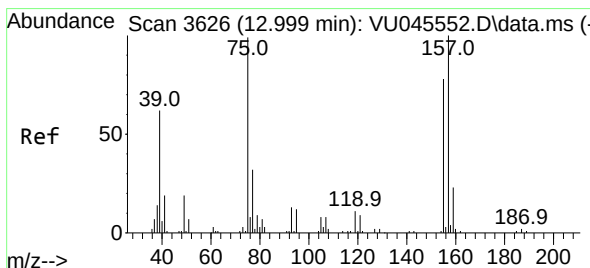
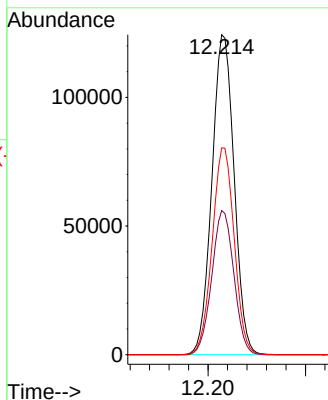
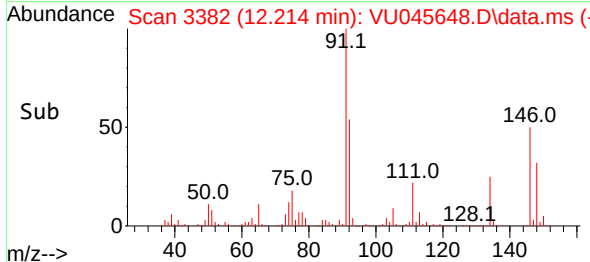
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



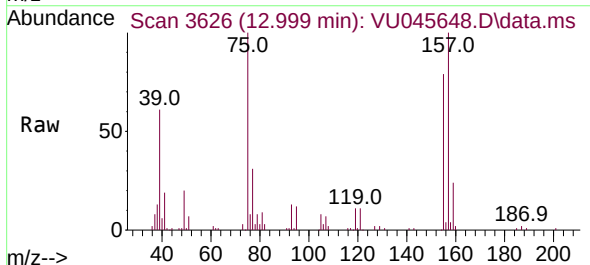
Tgt Ion:146 Resp: 19646
Ion Ratio Lower Upper
146 100
111 44.8 21.9 65.5
148 64.2 32.1 96.3

Manual Integrations
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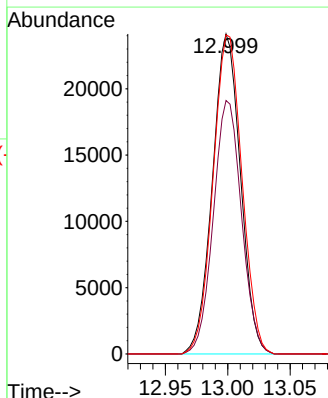
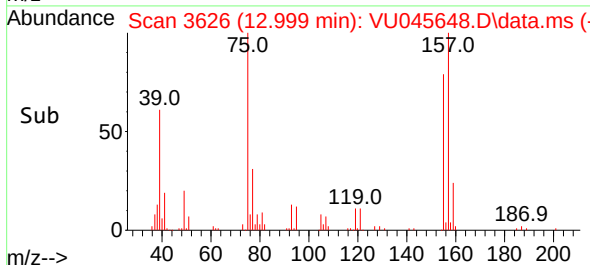
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

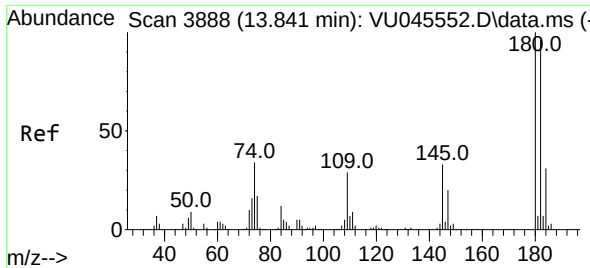


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.719 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19



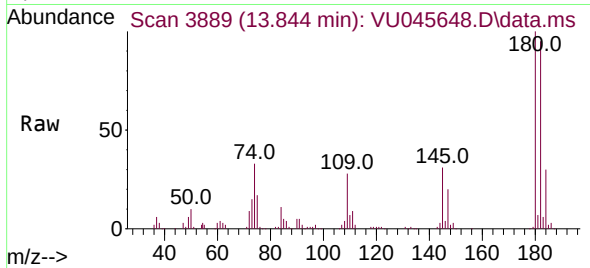
Tgt Ion: 75 Resp: 37814
Ion Ratio Lower Upper
75 100
155 79.5 37.8 113.3
157 102.7 48.4 145.2





#93
1,2,4-Trichlorobenzene
Concen: 49.942 ug/l
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

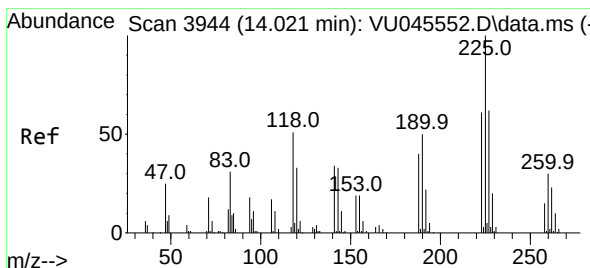
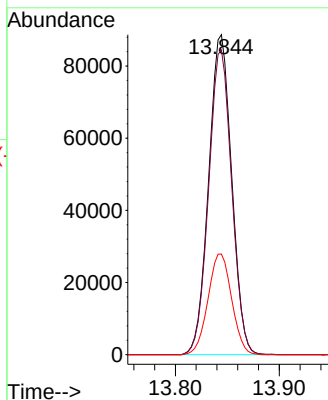
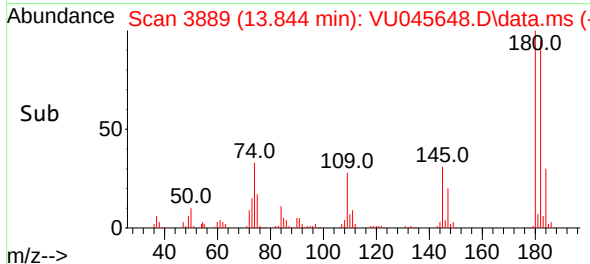
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 13664
Ion Ratio Lower Upper
180 100
182 95.3 47.0 141.2
145 32.3 15.6 46.7

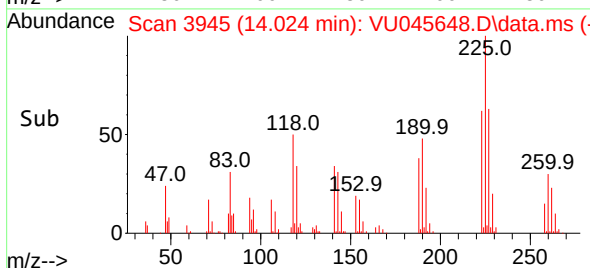
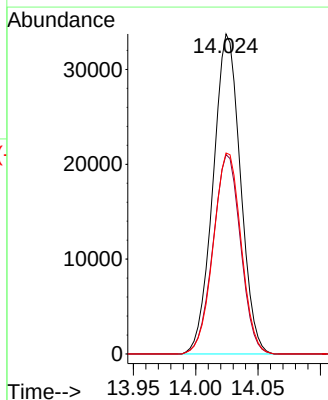
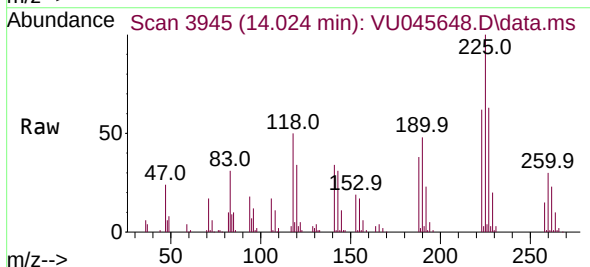
Manual Integrations
APPROVED

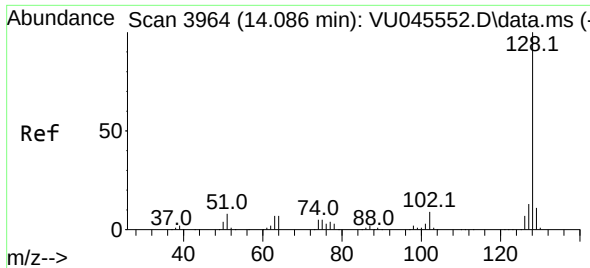
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#94
Hexachlorobutadiene
Concen: 43.675 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

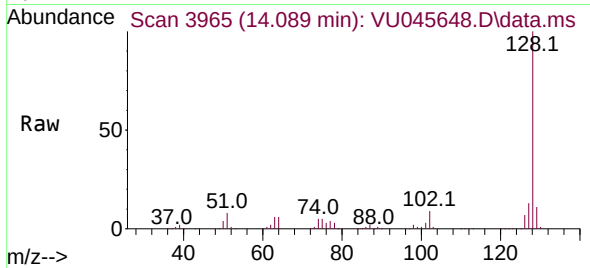
Tgt Ion:225 Resp: 51581
Ion Ratio Lower Upper
225 100
223 62.8 32.0 96.2
227 63.8 31.1 93.5





#95
Naphthalene
Concen: 47.522 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19

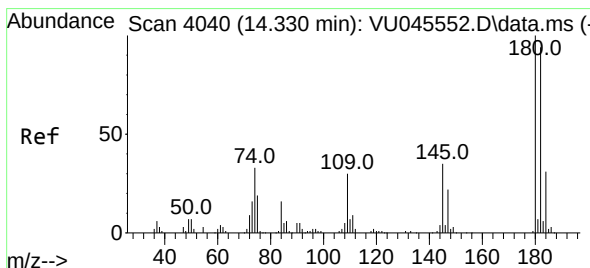
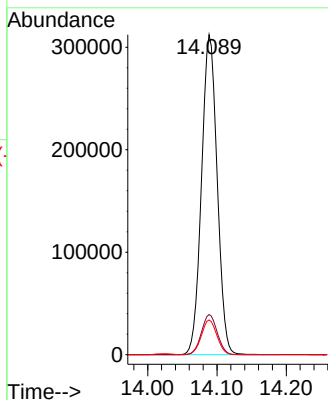
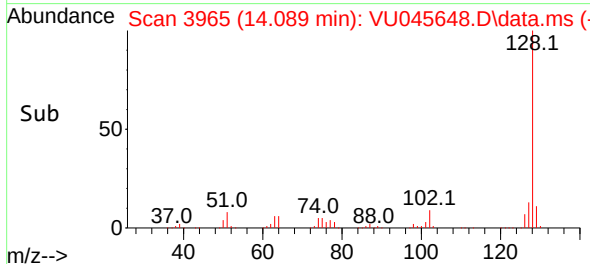
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



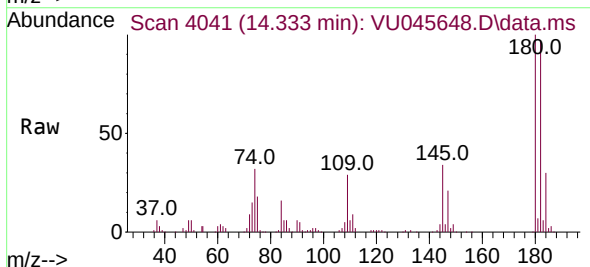
Tgt Ion:128 Resp: 488264
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#96
1,2,3-Trichlorobenzene
Concen: 50.769 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU045648.D
Acq: 09 Nov 2021 10:19



Tgt Ion:180 Resp: 137968
Ion Ratio Lower Upper
180 100
182 95.3 47.7 143.1
145 33.8 16.7 50.0

