

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011123\
 Data File : VU052652.D
 Acq On : 11 Jan 2023 15:40
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 12 03:20:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 12 03:18:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	236242	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.244	114	413730	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	393765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	210044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	363150	100.214	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 200.420%#	
35) Dibromofluoromethane	5.285	113	274748	95.637	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 191.280%#	
50) Toluene-d8	7.893	98	1089638	104.556	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 209.120%#	
62) 4-Bromofluorobenzene	10.629	95	412582	104.321	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 208.640%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	293285	80.765	ug/l	99
3) Chloromethane	1.520	50	387867	77.010	ug/l	98
4) Vinyl Chloride	1.604	62	361888	96.164	ug/l	100
5) Bromomethane	1.858	94	212219	153.693	ug/l	98
6) Chloroethane	1.935	64	215705	115.229	ug/l	98
7) Trichlorofluoromethane	2.134	101	449304	93.394	ug/l	99
8) Diethyl Ether	2.375	74	189652	106.021	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.578	101	261630	99.330	ug/l	93
10) Methyl Iodide	2.720	142	312594	125.570	ug/l	93
11) Tert butyl alcohol	3.347	59	387026	464.181	ug/l	# 56
12) 1,1-Dichloroethene	2.578	96	264637	102.093	ug/l	89
13) Acrolein	2.488	56	444211	707.495	ug/l	99
14) Allyl chloride	2.919	41	558173	106.842	ug/l	# 88
15) Acrylonitrile	3.314	53	1038758	510.824	ug/l	99
16) Acetone	2.639	43	915718	488.330	ug/l	99
17) Carbon Disulfide	2.790	76	848678	104.173	ug/l	100
18) Methyl Acetate	2.948	43	579399	113.781	ug/l	92
19) Methyl tert-butyl Ether	3.359	73	998730	104.476	ug/l	95
20) Methylene Chloride	3.044	84	329063	96.125	ug/l	# 86
21) trans-1,2-Dichloroethene	3.350	96	299441	106.961	ug/l	89
22) Diisopropyl ether	3.986	45	1081697	108.125	ug/l	# 74
23) Vinyl Acetate	3.951	43	4414004	513.115	ug/l	95
24) 1,1-Dichloroethane	3.864	63	604725	105.297	ug/l	98
25) 2-Butanone	4.707	43	1401984	508.565	ug/l	93
26) 2,2-Dichloropropane	4.662	77	473349	100.239	ug/l	97
27) cis-1,2-Dichloroethene	4.662	96	342783	106.484	ug/l	89
28) Bromochloromethane	4.970	49	277206	109.679	ug/l	# 72
29) Tetrahydrofuran	5.051	42	879130	474.511	ug/l	87
30) Chloroform	5.086	83	571833	101.118	ug/l	100
31) Cyclohexane	5.385	56	563368	101.739	ug/l	88
32) 1,1,1-Trichloroethane	5.311	97	479258	99.128	ug/l	98
36) 1,1-Dichloropropene	5.523	75	442393	103.887	ug/l	95
37) Ethyl Acetate	4.800	43	538575	96.835	ug/l	97
38) Carbon Tetrachloride	5.520	117	409382	94.017	ug/l	99
39) Methylcyclohexane	6.758	83	535043	105.669	ug/l	91
40) Benzene	5.771	78	1312511	102.641	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	284773	99.343	ug/l #	87
42) 1,2-Dichloroethane	5.790	62	464296	98.451	ug/l	100
43) Isopropyl Acetate	5.906	43	802069	96.698	ug/l	96
44) Trichloroethene	6.539	130	304591	100.371	ug/l	91
45) 1,2-Dichloropropane	6.787	63	360877	101.760	ug/l	99
46) Dibromomethane	6.912	93	225323	96.926	ug/l	89
47) Bromodichloromethane	7.102	83	455212	100.639	ug/l	100
48) Methyl methacrylate	6.957	41	384028	99.193	ug/l	87
49) 1,4-Dioxane	7.034	88	147699	1523.280	ug/l #	1
51) 4-Methyl-2-Pentanone	7.793	43	2688893	485.937	ug/l	97
52) Toluene	7.967	92	800217	104.736	ug/l	98
53) t-1,3-Dichloropropene	8.205	75	534023	109.804	ug/l	99
54) cis-1,3-Dichloropropene	7.604	75	574903	110.287	ug/l	99
55) 1,1,2-Trichloroethane	8.395	97	314235	100.886	ug/l	97
56) Ethyl methacrylate	8.330	69	557802	108.281	ug/l	92
57) 1,3-Dichloropropane	8.571	76	589639	105.724	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.459	63	130353	439.666	ug/l	93
59) 2-Hexanone	8.687	43	2093691	480.194	ug/l	96
60) Dibromochloromethane	8.806	129	339046	105.115	ug/l	100
61) 1,2-Dibromoethane	8.919	107	337216	99.574	ug/l	100
64) Tetrachloroethene	8.549	164	249725	97.976	ug/l	96
65) Chlorobenzene	9.443	112	826294	101.644	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.530	131	300136	99.019	ug/l	99
67) Ethyl Benzene	9.565	91	1531350	102.873	ug/l	96
68) m/p-Xylenes	9.690	106	1171907	210.979	ug/l	95
69) o-Xylene	10.095	106	570402	104.526	ug/l	94
70) Styrene	10.112	104	978374	110.976	ug/l	97
71) Bromoform	10.288	173	261659	101.862	ug/l #	100
73) Isopropylbenzene	10.481	105	1488449	99.863	ug/l	97
74) N-amyl acetate	10.317	43	738995	96.223	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.780	83	570086	91.593	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	650402	93.097	ug/l	97
77) Bromobenzene	10.777	156	349142	96.287	ug/l	80
78) n-propylbenzene	10.902	91	1848134	101.505	ug/l	97
79) 2-Chlorotoluene	10.983	91	1089744	97.792	ug/l	92
80) 1,3,5-Trimethylbenzene	11.086	105	1293138	99.726	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.542	75	191841	101.978	ug/l	96
82) 4-Chlorotoluene	11.092	91	1271297	100.769	ug/l	93
83) tert-Butylbenzene	11.417	119	1272134	100.002	ug/l	96
84) 1,2,4-Trimethylbenzene	11.465	105	1291386	101.430	ug/l	98
85) sec-Butylbenzene	11.639	105	1641772	102.163	ug/l	97
86) p-Isopropyltoluene	11.790	119	1376766	105.263	ug/l	98
87) 1,3-Dichlorobenzene	11.742	146	687307	98.425	ug/l	97
88) 1,4-Dichlorobenzene	11.832	146	697735	98.636	ug/l	98
89) n-Butylbenzene	12.205	91	1273618	104.597	ug/l	97
90) Hexachloroethane	12.472	117	247203	96.369	ug/l	81
91) 1,2-Dichlorobenzene	12.208	146	684538	97.643	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.992	75	130092	82.998	ug/l	77
93) 1,2,4-Trichlorobenzene	13.835	180	435575	89.720	ug/l	98
94) Hexachlorobutadiene	14.015	225	206610	95.660	ug/l	99
95) Naphthalene	14.082	128	1402427	76.211	ug/l	100
96) 1,2,3-Trichlorobenzene	14.324	180	429858	85.232	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Jan 12 03:18:11 2023
Response via : Initial Calibration

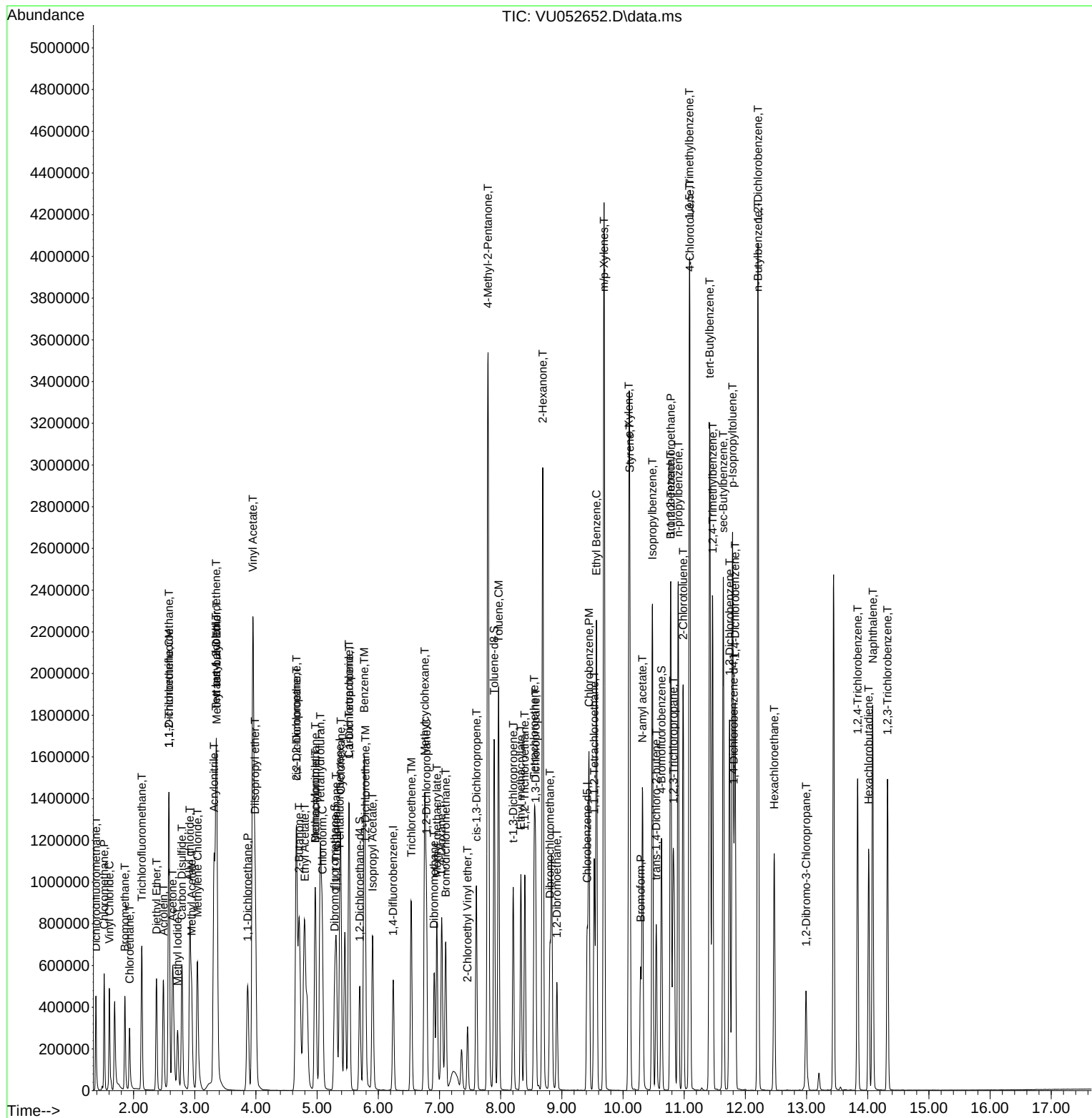
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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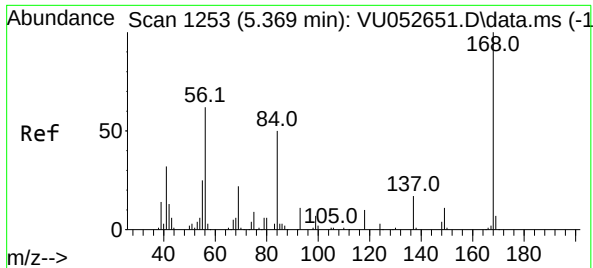
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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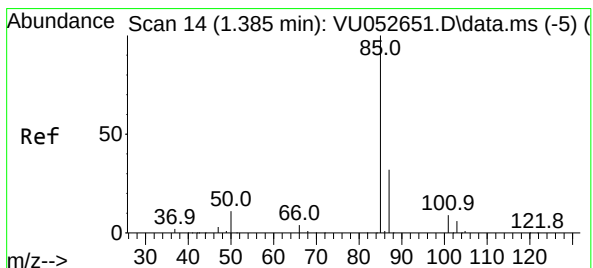
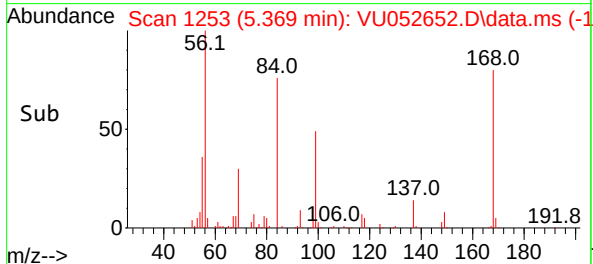
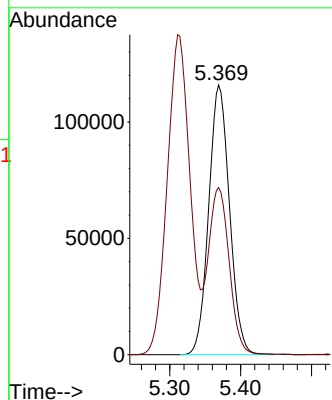
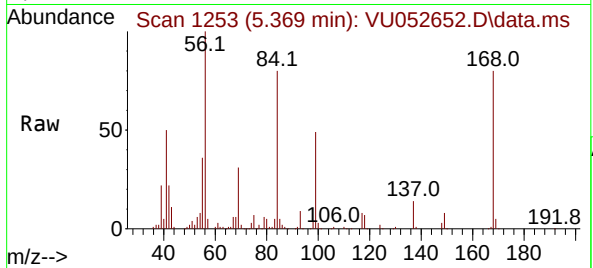




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052652.D
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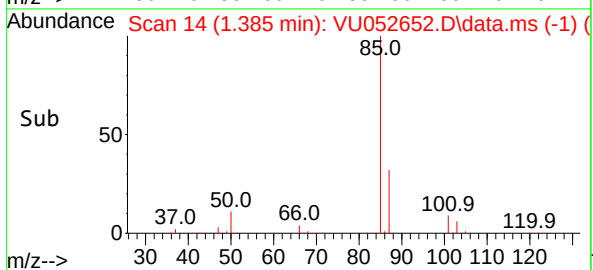
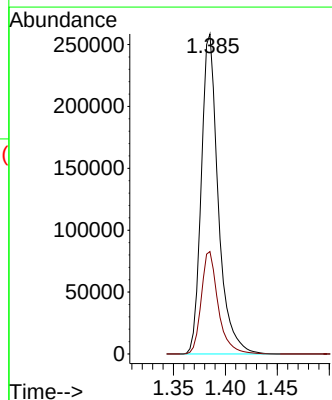
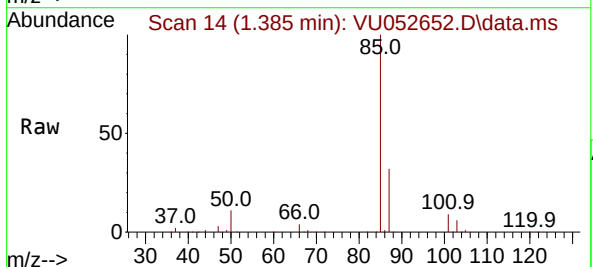
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

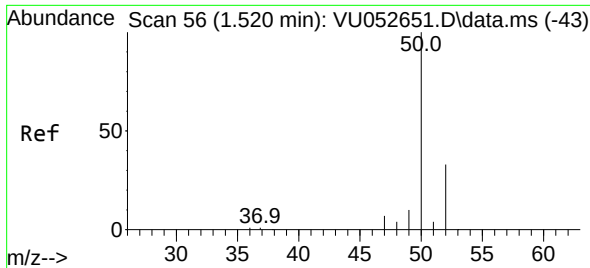
Tgt Ion:168 Resp: 236242
Ion Ratio Lower Upper
168 100
99 61.8 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 80.765 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

Tgt Ion: 85 Resp: 293285
Ion Ratio Lower Upper
85 100
87 32.0 16.4 49.2

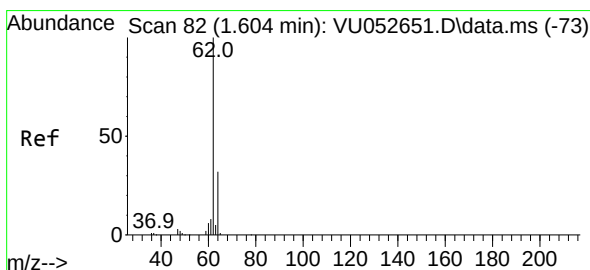
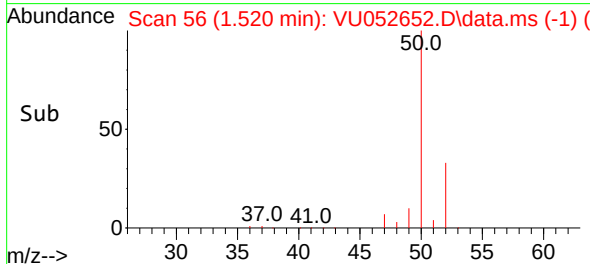
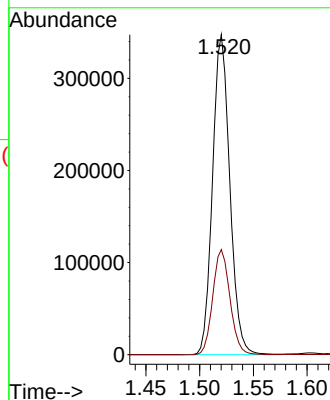
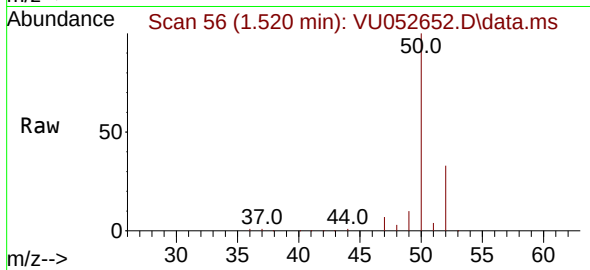




#3
Chloromethane
Concen: 77.010 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052652.D
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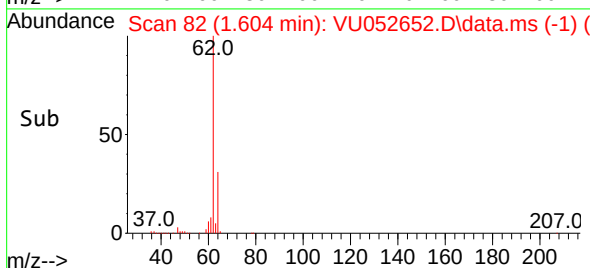
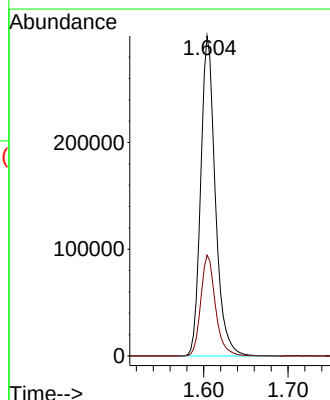
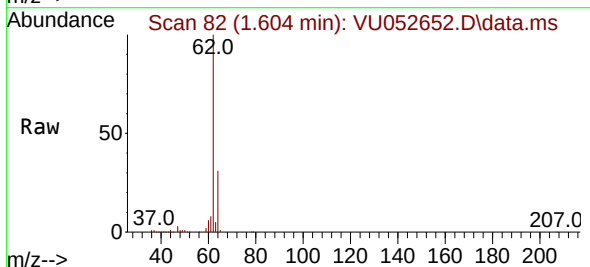
Instrument :
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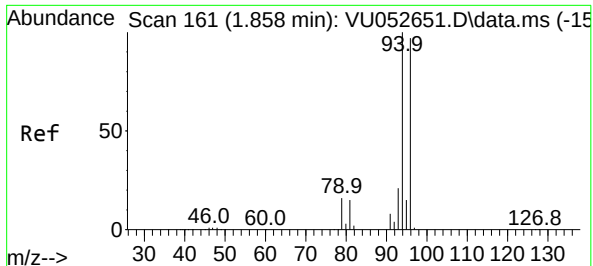
Tgt Ion: 50 Resp: 387867
Ion Ratio Lower Upper
50 100
52 32.9 27.4 41.2



#4
Vinyl Chloride
Concen: 96.164 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

Tgt Ion: 62 Resp: 361888
Ion Ratio Lower Upper
62 100
64 31.5 25.3 37.9

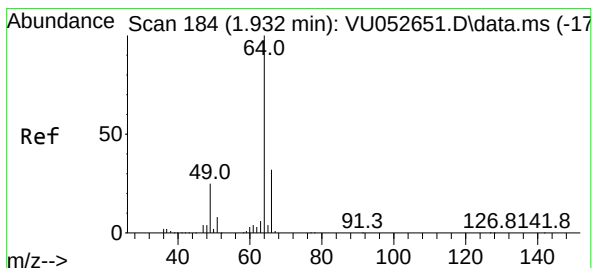
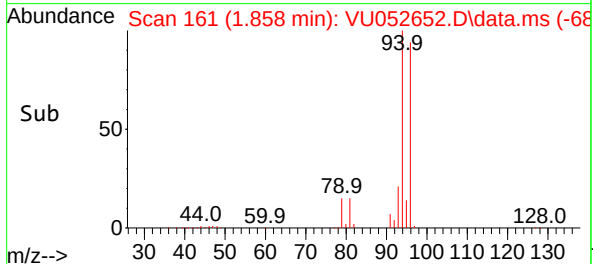
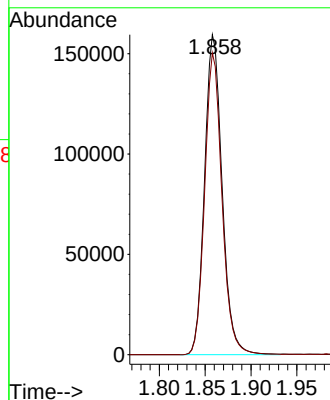
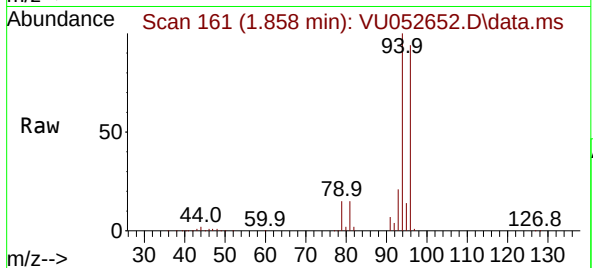




#5
Bromomethane
Concen: 153.693 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052652.D
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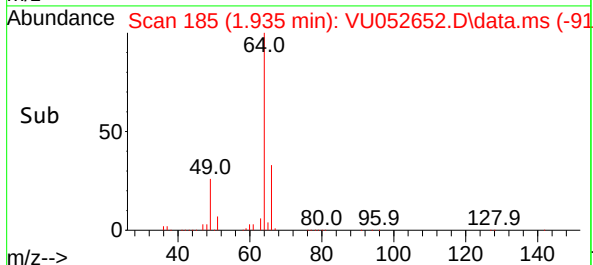
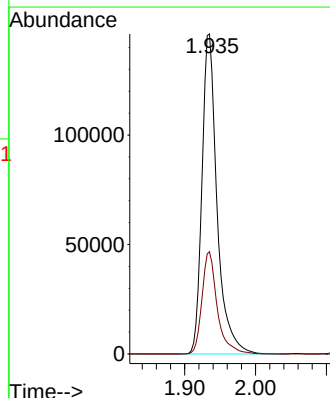
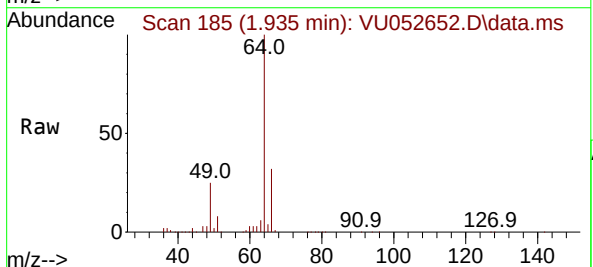
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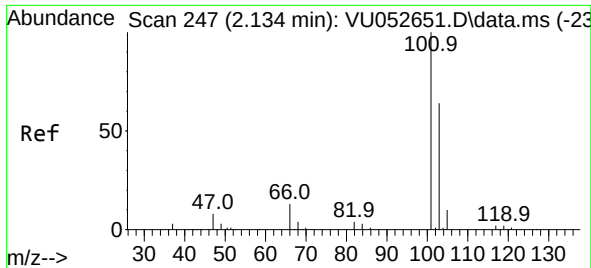
Tgt Ion: 94 Resp: 212219
Ion Ratio Lower Upper
94 100
96 94.3 73.7 110.5



#6
Chloroethane
Concen: 115.229 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

Tgt Ion: 64 Resp: 215705
Ion Ratio Lower Upper
64 100
66 31.9 24.7 37.1

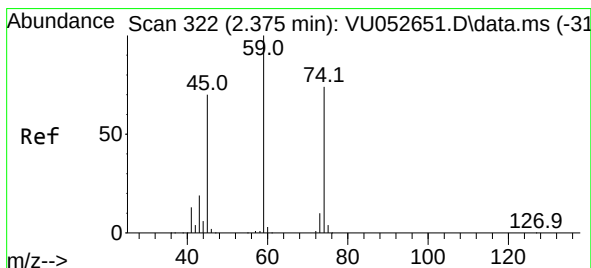
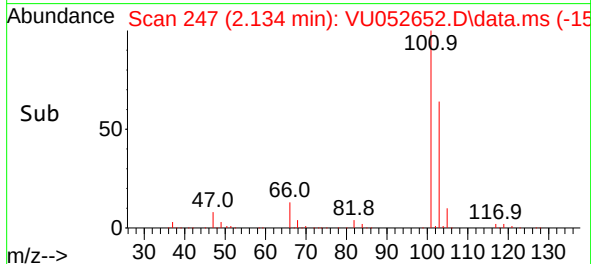
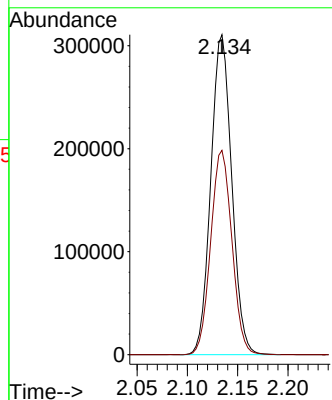
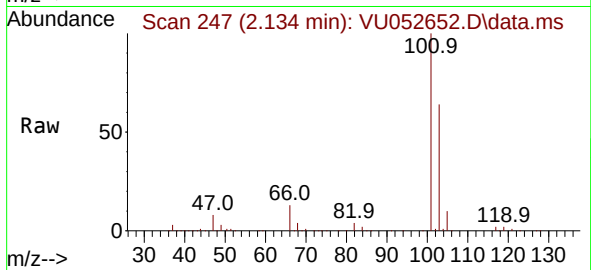




#7
 Trichlorofluoromethane
 Concen: 93.394 ug/l
 RT: 2.134 min Scan# 247
 Delta R.T. 0.000 min
 Lab File: VU052652.D
 Acq: 11 Jan 2023 15:40

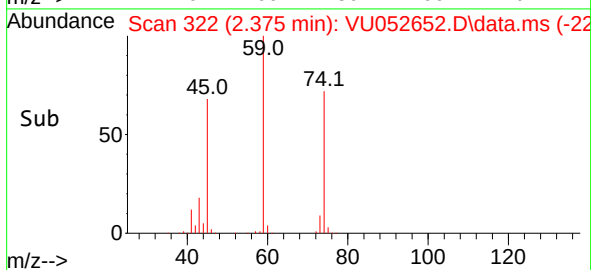
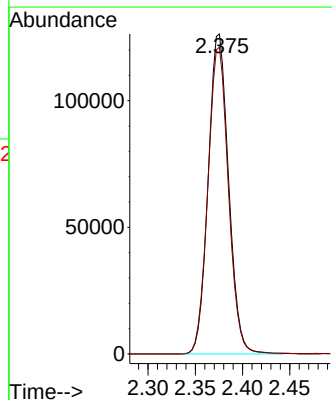
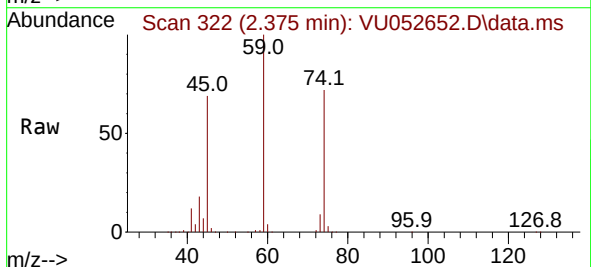
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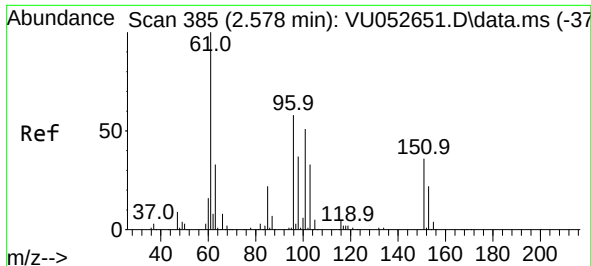
Tgt Ion:101 Resp: 449304
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.6 75.8



#8
 Diethyl Ether
 Concen: 106.021 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 189652
 Ion Ratio Lower Upper
 74 100
 45 96.7 44.4 133.2

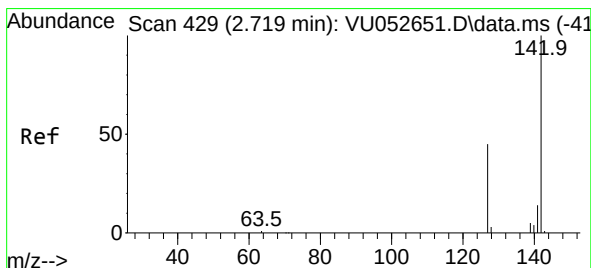
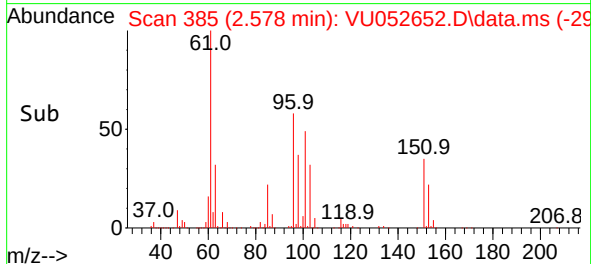
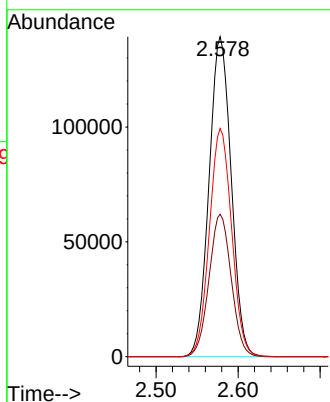
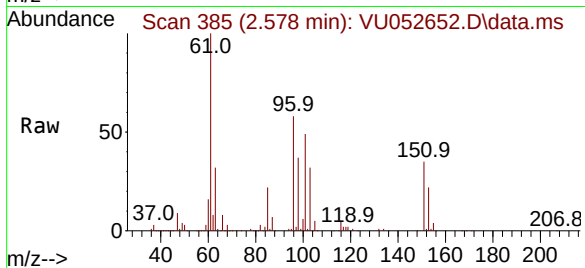




#9
1,1,2-Trichlorotrifluoroethane
Concen: 99.330 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

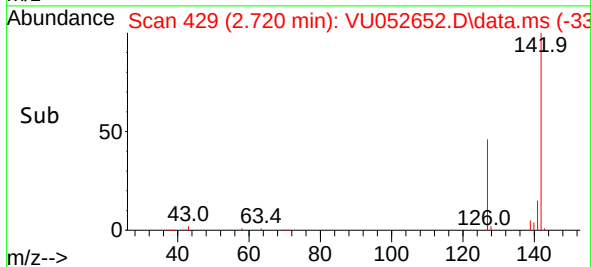
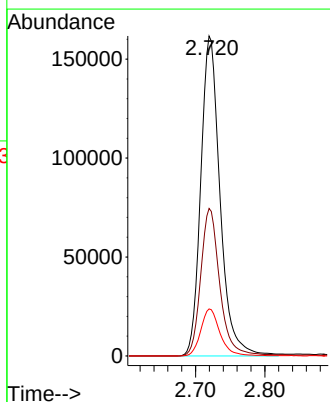
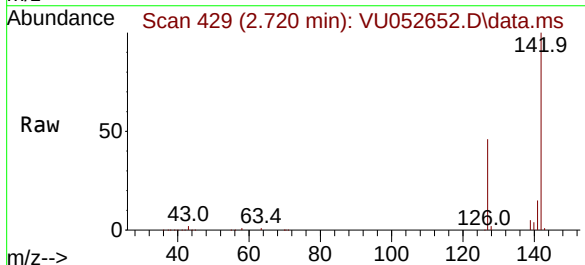
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

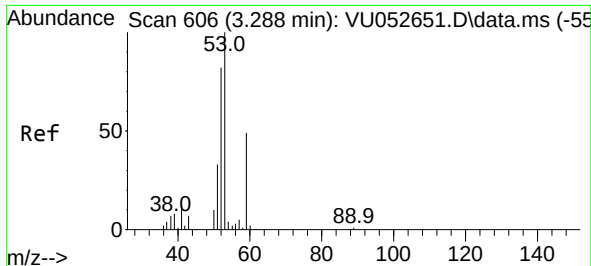
Tgt Ion:101 Resp: 261630
Ion Ratio Lower Upper
101 100
85 44.6 33.9 50.9
151 71.6 64.0 96.0



#10
Methyl Iodide
Concen: 125.570 ug/l
RT: 2.720 min Scan# 429
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

Tgt Ion:142 Resp: 312594
Ion Ratio Lower Upper
142 100
127 45.9 32.5 48.7
141 14.7 11.4 17.0





#11

Tert butyl alcohol

Concen: 464.181 ug/l

RT: 3.347 min Scan# 61

Delta R.T. 0.058 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

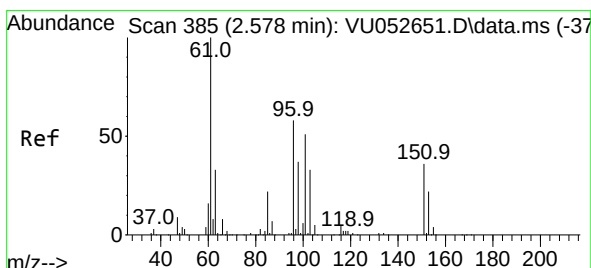
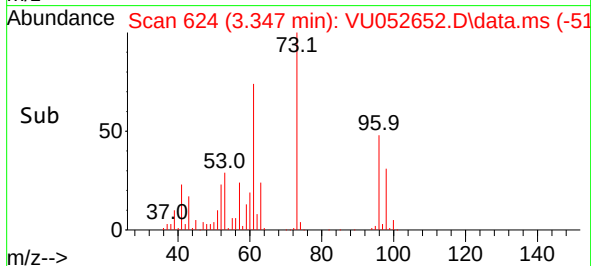
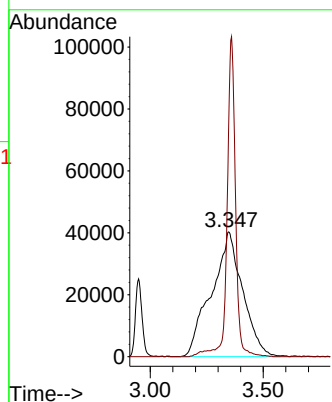
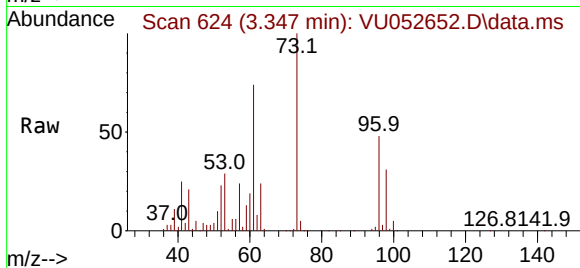
VSTDIC100

Tgt Ion: 59 Resp: 387026

Ion Ratio Lower Upper

59 100

57 65.1 30.6 45.8#



#12

1,1-Dichloroethene

Concen: 102.093 ug/l

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

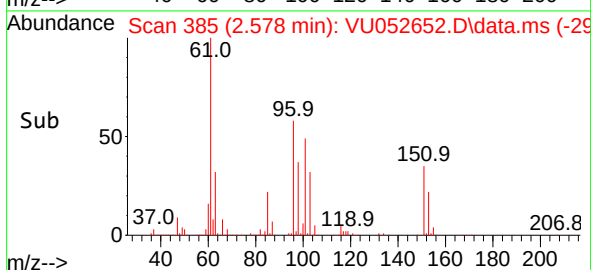
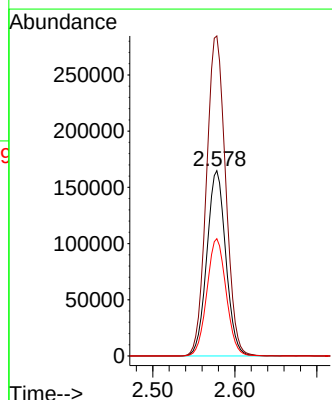
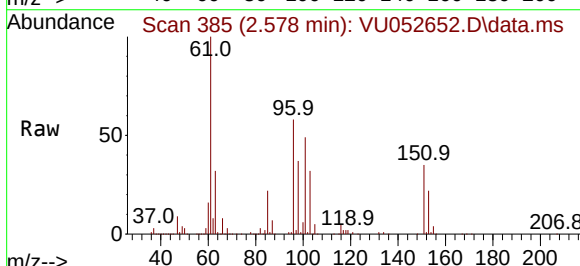
Tgt Ion: 96 Resp: 264637

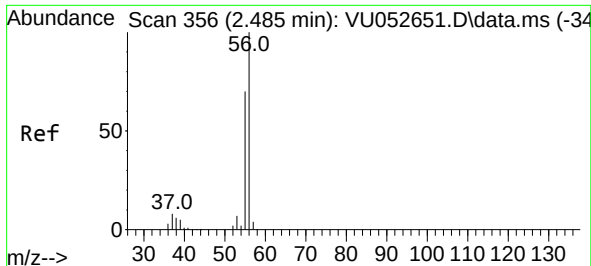
Ion Ratio Lower Upper

96 100

61 172.7 122.2 183.2

98 63.3 50.7 76.1





#13

Acrolein

Concen: 707.495 ug/l

RT: 2.488 min Scan# 356

Delta R.T. 0.003 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

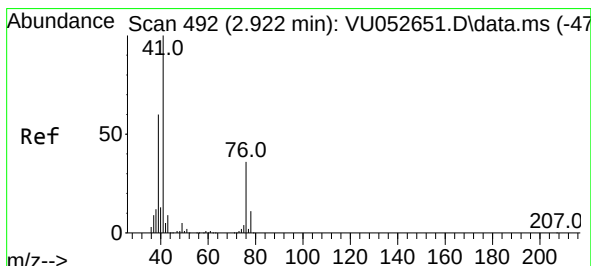
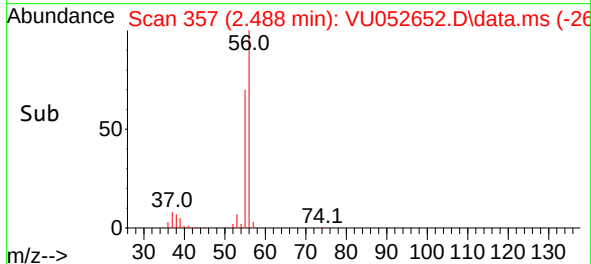
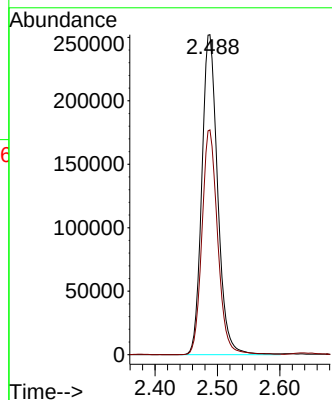
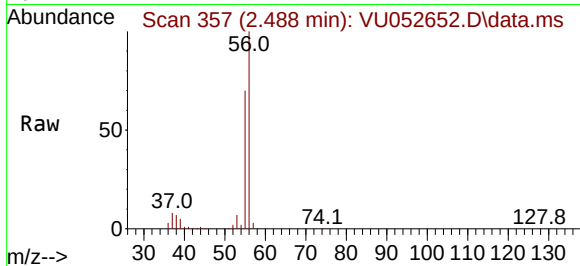
VSTDIC100

Tgt Ion: 56 Resp: 444211

Ion Ratio Lower Upper

56 100

55 70.1 56.6 85.0



#14

Allyl chloride

Concen: 106.842 ug/l

RT: 2.919 min Scan# 491

Delta R.T. -0.003 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

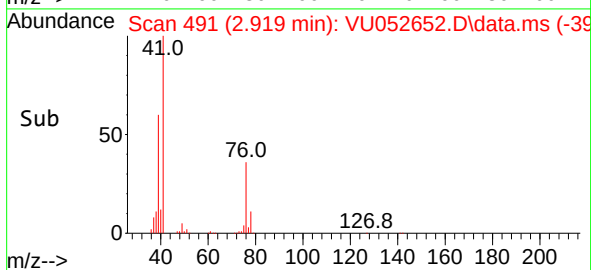
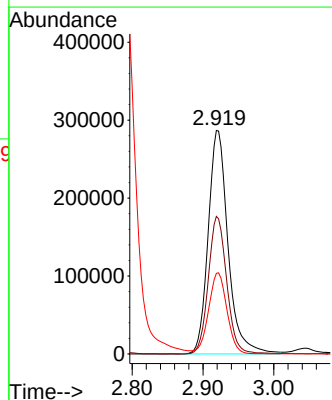
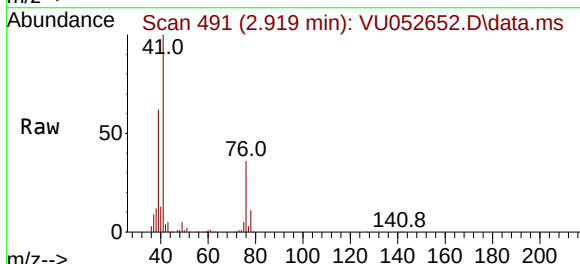
Tgt Ion: 41 Resp: 558173

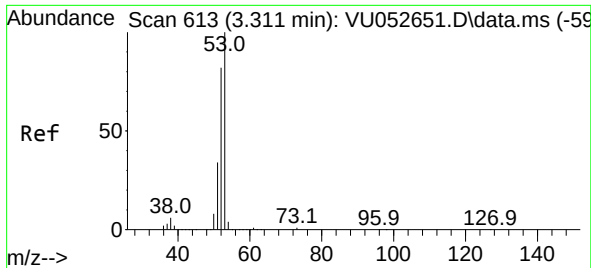
Ion Ratio Lower Upper

41 100

39 57.3 53.4 80.2

76 33.7 33.8 50.6#

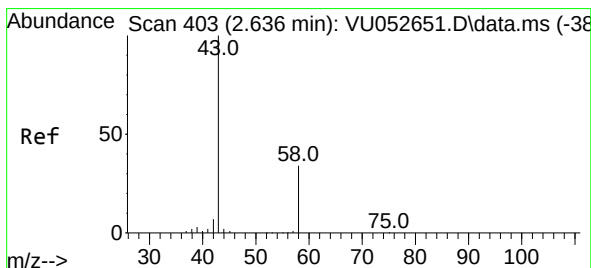
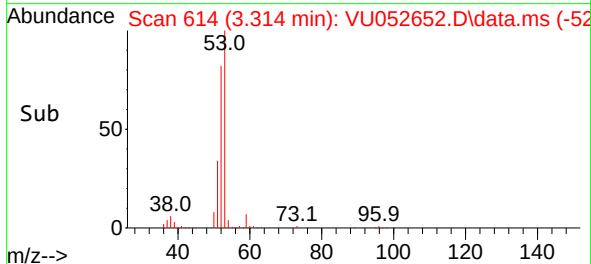
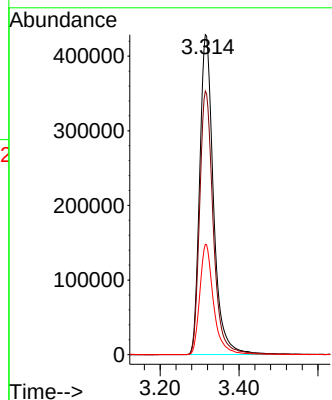
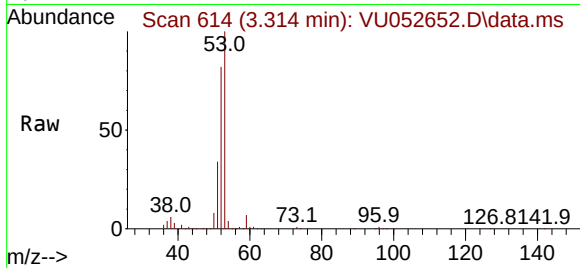




#15
Acrylonitrile
Concen: 510.824 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

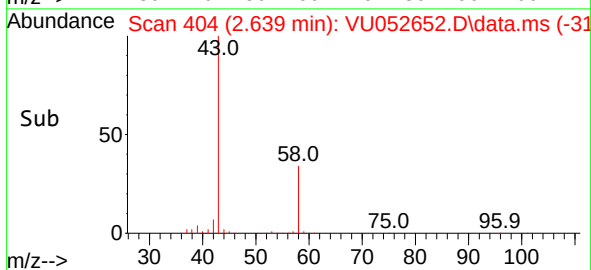
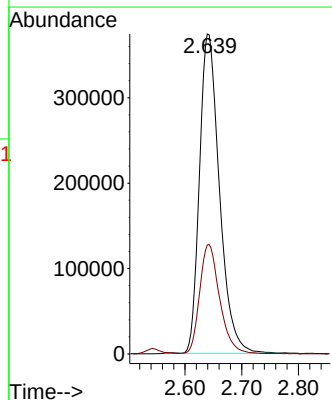
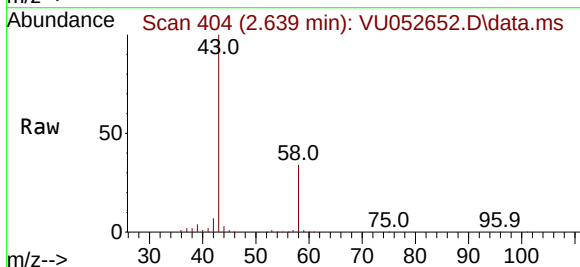
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

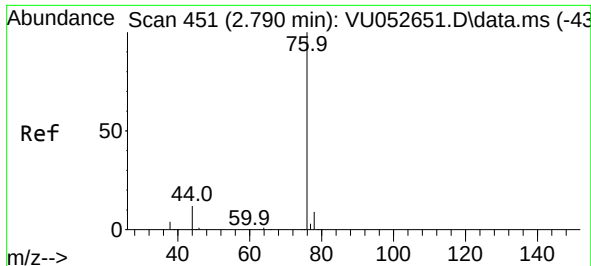
Tgt Ion: 53 Resp: 1038758
Ion Ratio Lower Upper
53 100
52 81.4 65.7 98.5
51 34.3 28.2 42.4



#16
Acetone
Concen: 488.330 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.003 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

Tgt Ion: 43 Resp: 915718
Ion Ratio Lower Upper
43 100
58 34.0 27.5 41.3

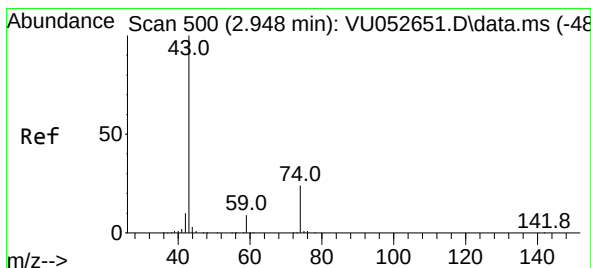
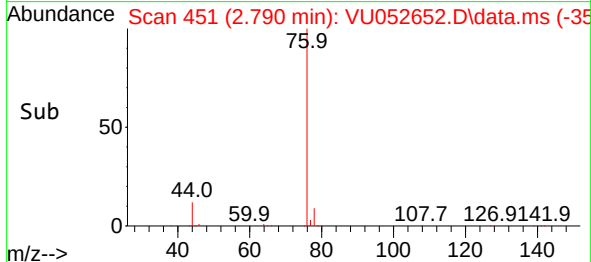
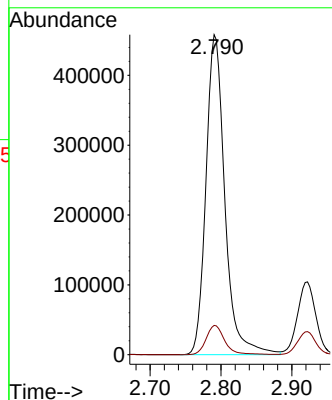
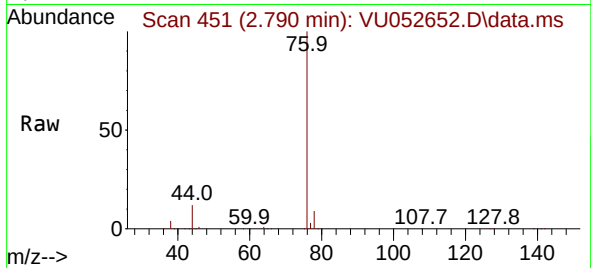




#17
Carbon Disulfide
Concen: 104.173 ug/l
RT: 2.790 min Scan# 451
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

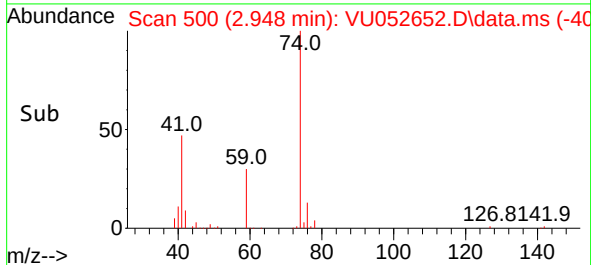
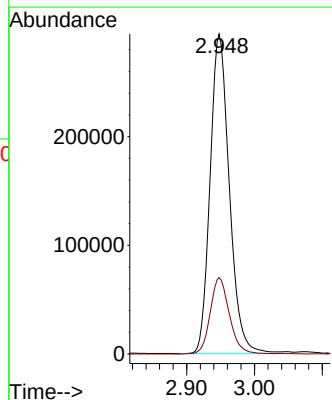
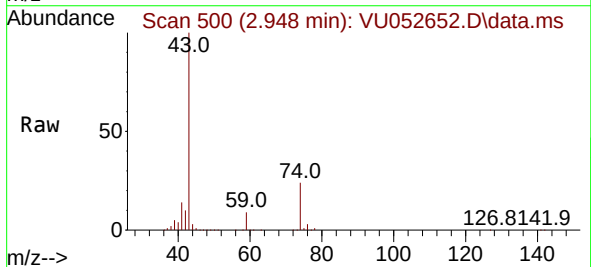
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

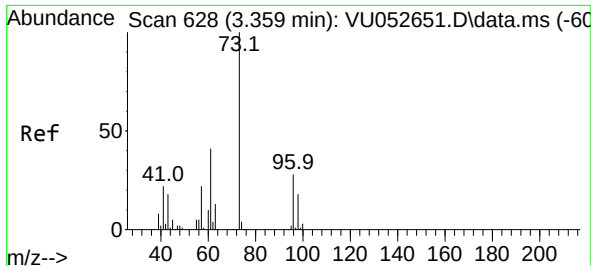
Tgt Ion: 76 Resp: 848678
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 113.781 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

Tgt Ion: 43 Resp: 579399
Ion Ratio Lower Upper
43 100
74 23.8 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 104.476 ug/l

RT: 3.359 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

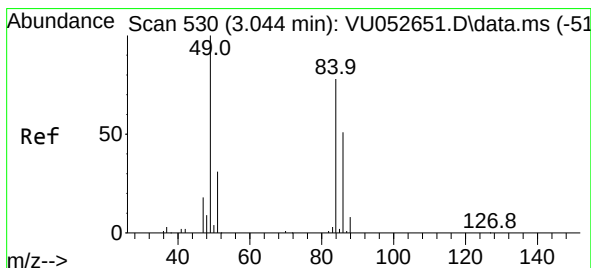
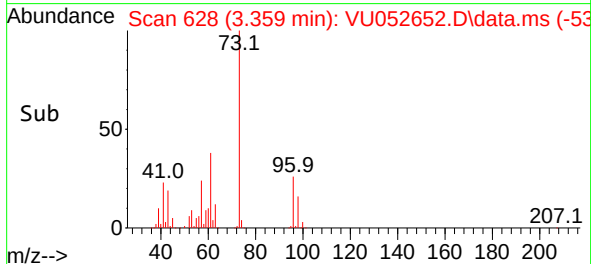
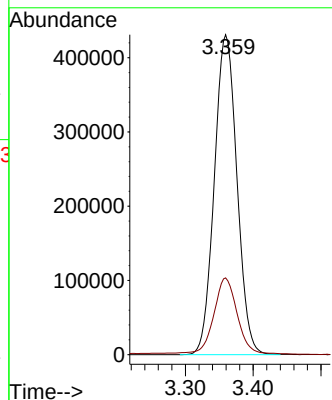
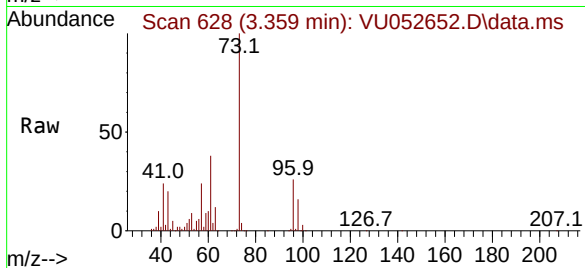
VSTDIC100

Tgt Ion: 73 Resp: 998730

Ion Ratio Lower Upper

73 100

57 23.7 17.1 25.7



#20

Methylene Chloride

Concen: 96.125 ug/l

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

Tgt Ion: 84 Resp: 329063

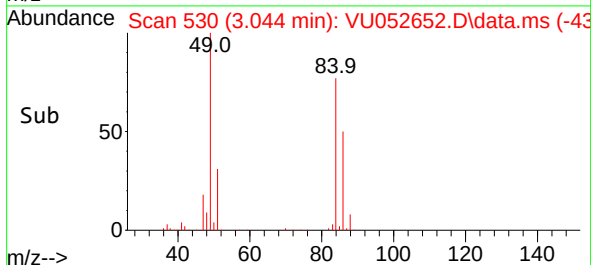
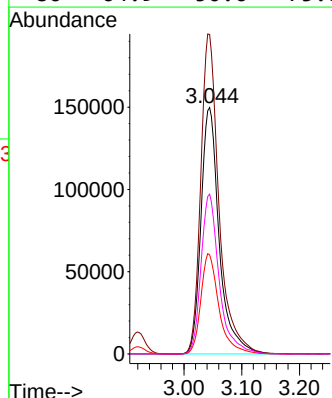
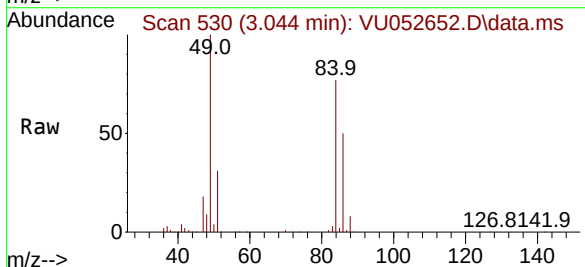
Ion Ratio Lower Upper

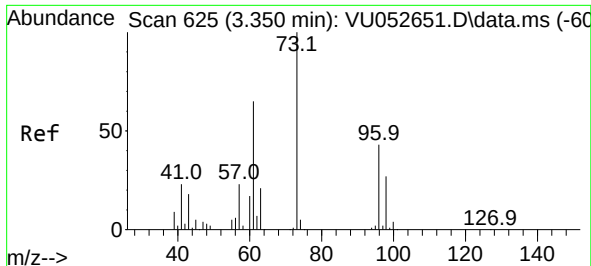
84 100

49 129.7 86.6 129.8

51 40.3 26.6 40.0#

86 64.9 50.6 75.8

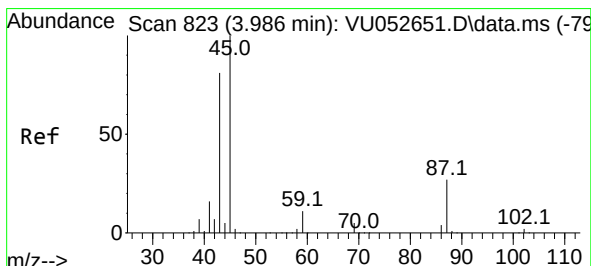
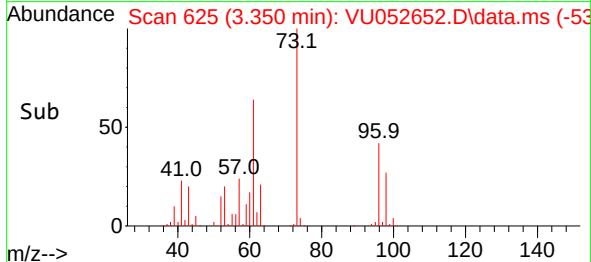
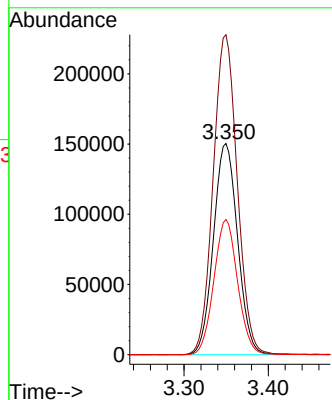
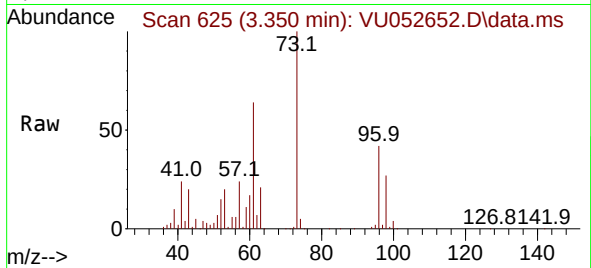




#21
trans-1,2-Dichloroethene
Concen: 106.961 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

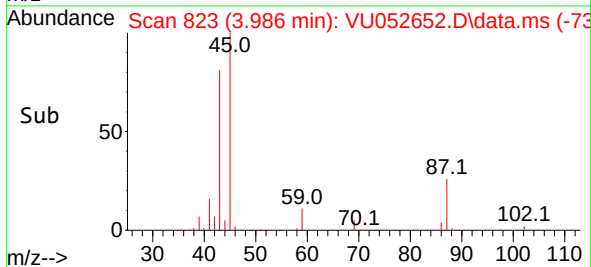
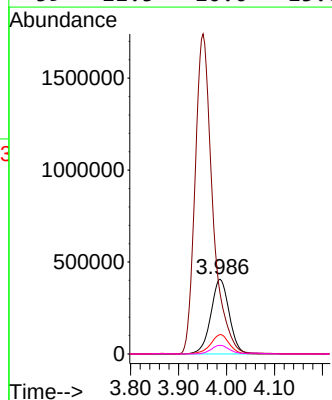
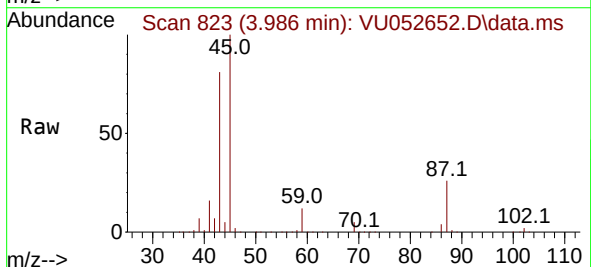
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

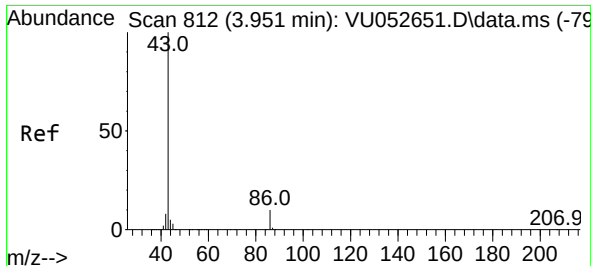
Tgt Ion: 96 Resp: 299441
Ion Ratio Lower Upper
96 100
61 151.5 106.1 159.1
98 64.0 50.8 76.2



#22
Diisopropyl ether
Concen: 108.125 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

Tgt Ion: 45 Resp: 1081697
Ion Ratio Lower Upper
45 100
43 80.7 92.9 139.3#
87 25.9 26.2 39.2#
59 11.5 10.0 15.0

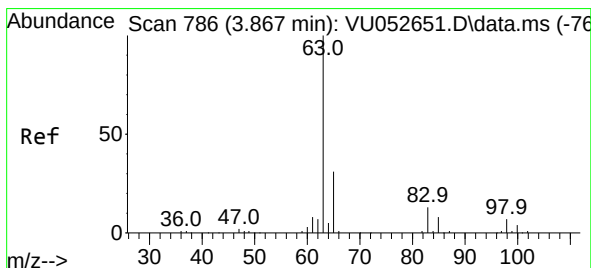
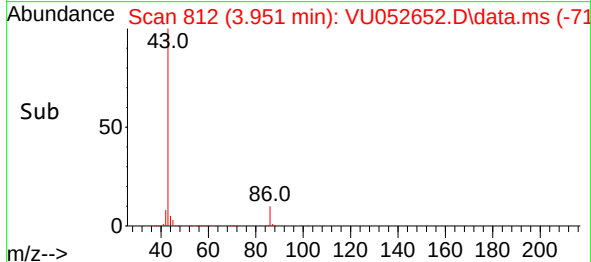
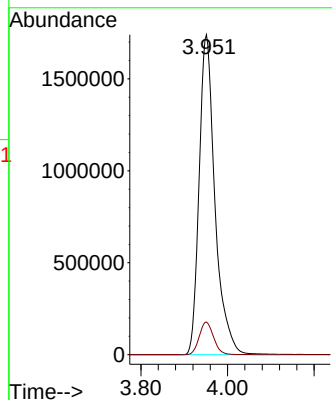
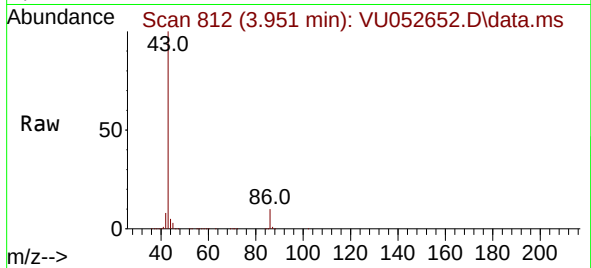




#23
 Vinyl Acetate
 Concen: 513.115 ug/l
 RT: 3.951 min Scan# 812
 Delta R.T. 0.000 min
 Lab File: VU052652.D
 Acq: 11 Jan 2023 15:40

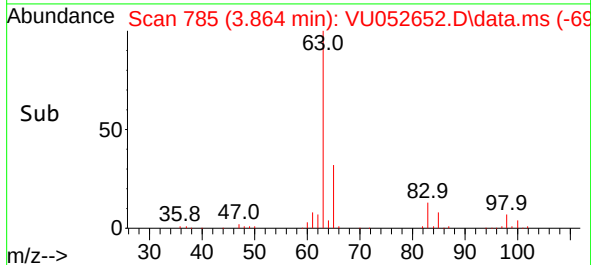
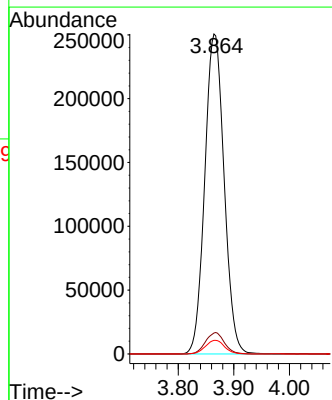
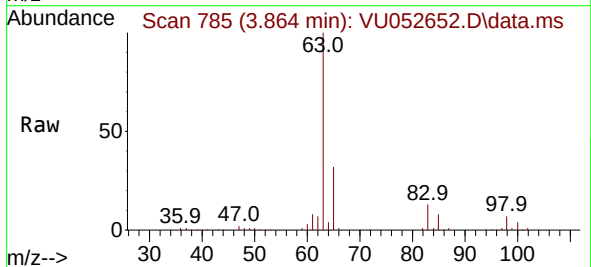
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

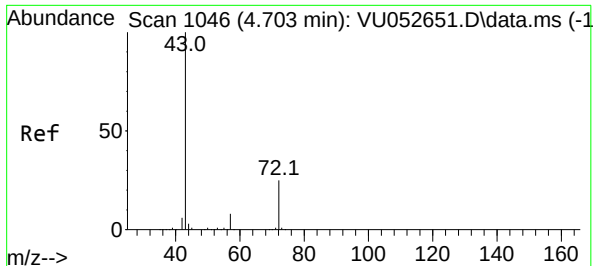
Tgt Ion: 43 Resp: 4414004
 Ion Ratio Lower Upper
 43 100
 86 10.2 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 105.297 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. -0.003 min
 Lab File: VU052652.D
 Acq: 11 Jan 2023 15:40

Tgt Ion: 63 Resp: 604725
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.9
 100 4.2 2.4 7.2

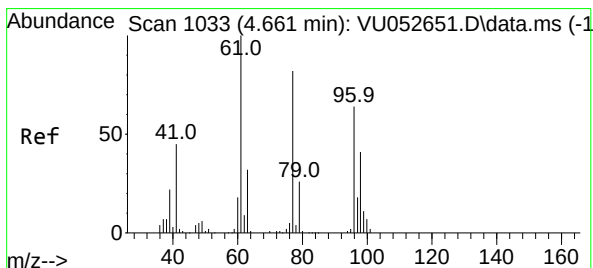
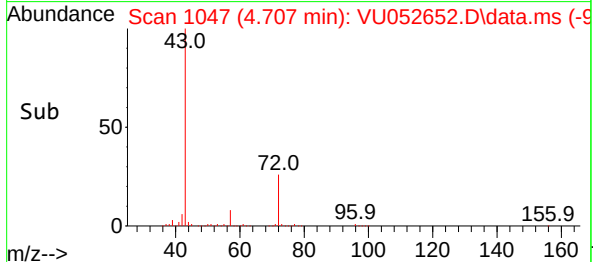
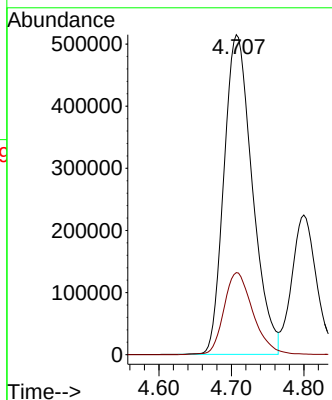
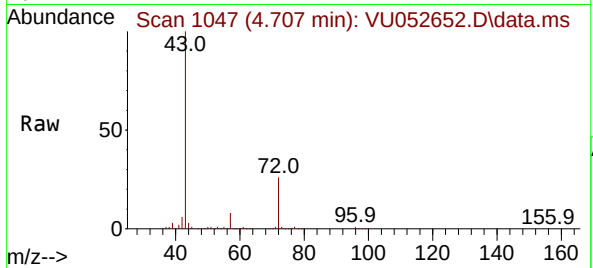




#25
2-Butanone
Concen: 508.565 ug/l
RT: 4.707 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

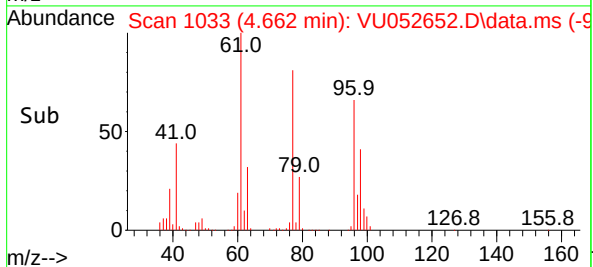
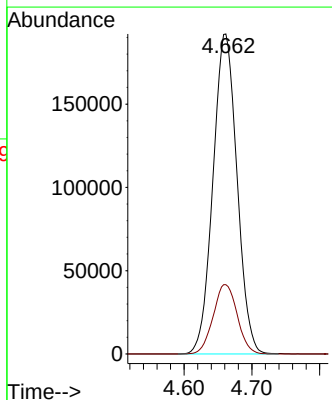
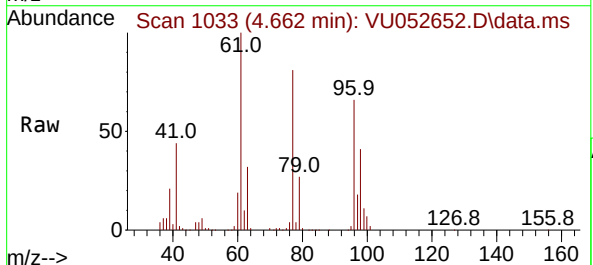
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

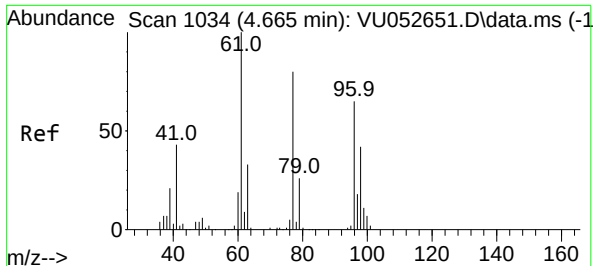
Tgt Ion: 43 Resp: 1401984
Ion Ratio Lower Upper
43 100
72 25.7 23.8 35.6



#26
2,2-Dichloropropane
Concen: 100.239 ug/l
RT: 4.662 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

Tgt Ion: 77 Resp: 473349
Ion Ratio Lower Upper
77 100
97 21.7 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 106.484 ug/l

RT: 4.662 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

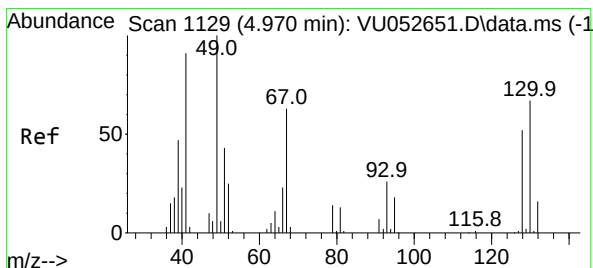
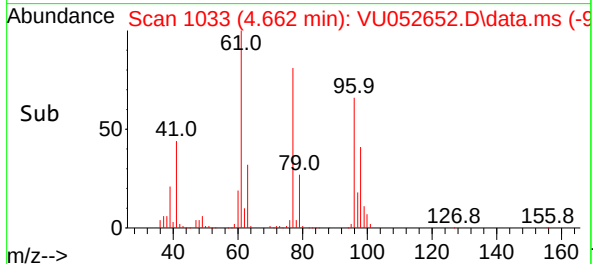
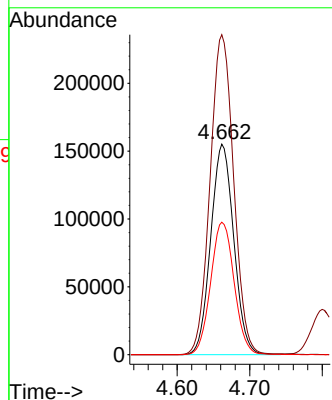
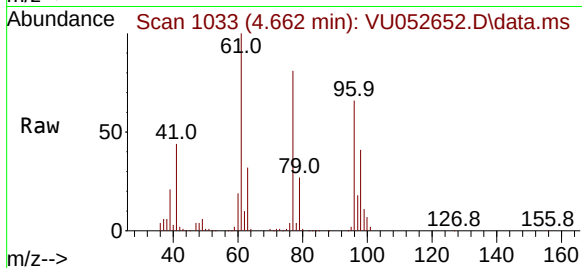
Tgt Ion: 96 Resp: 342783

Ion Ratio Lower Upper

96 100

61 155.3 0.0 271.6

98 64.1 0.0 128.2



#28

Bromochloromethane

Concen: 109.679 ug/l

RT: 4.970 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

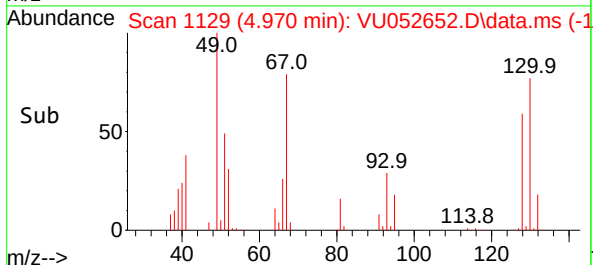
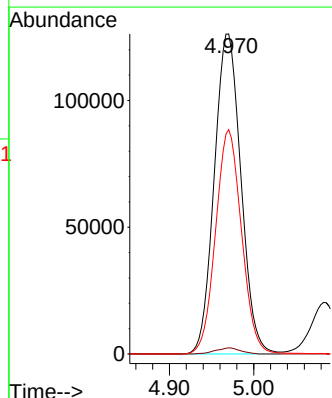
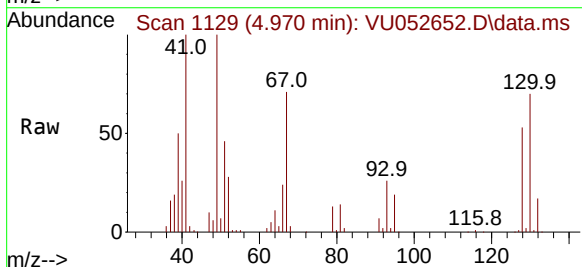
Tgt Ion: 49 Resp: 277206

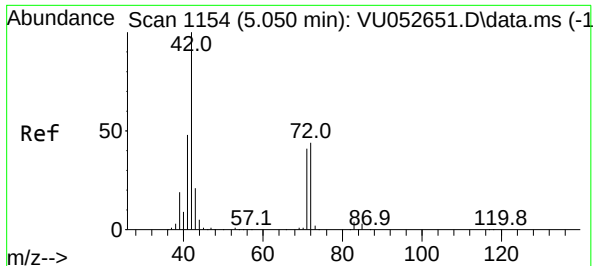
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

130 68.3 76.9 115.3#

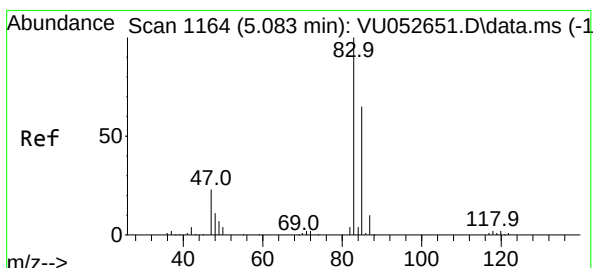
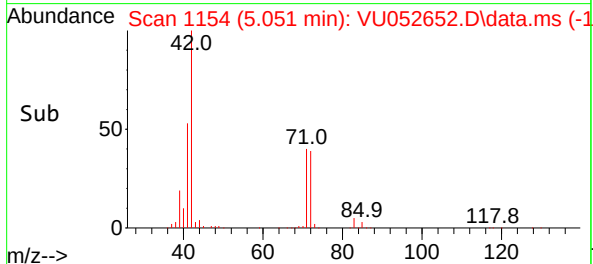
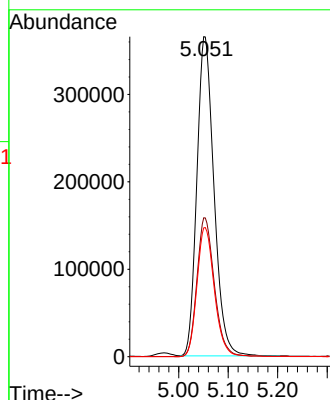
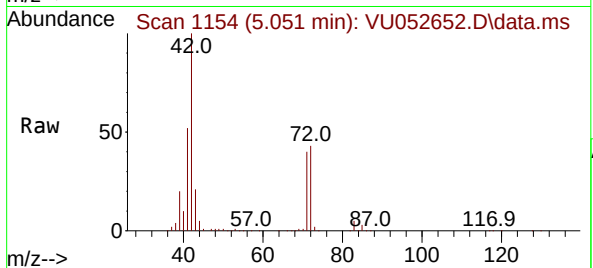




#29
Tetrahydrofuran
Concen: 474.511 ug/l
RT: 5.051 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

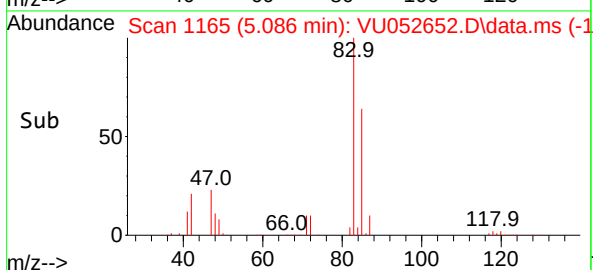
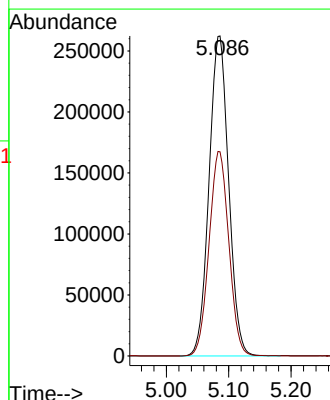
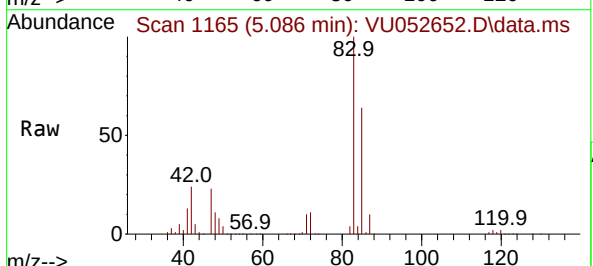
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

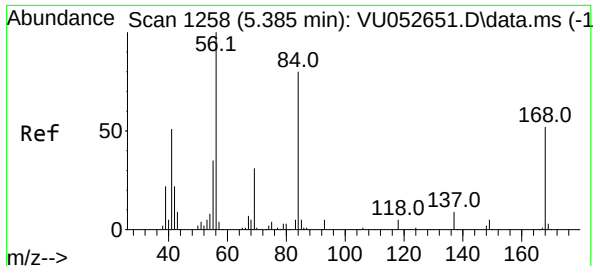
Tgt Ion: 42 Resp: 879130
Ion Ratio Lower Upper
42 100
72 44.3 42.6 63.8
71 41.1 40.3 60.5



#30
Chloroform
Concen: 101.118 ug/l
RT: 5.086 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

Tgt Ion: 83 Resp: 571833
Ion Ratio Lower Upper
83 100
85 63.8 51.2 76.8

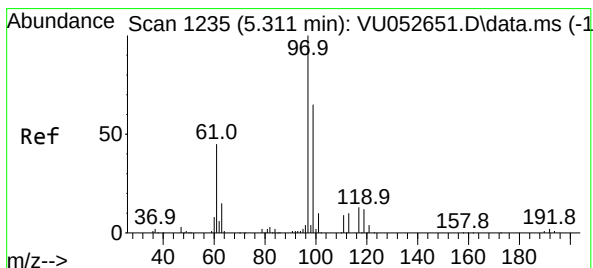
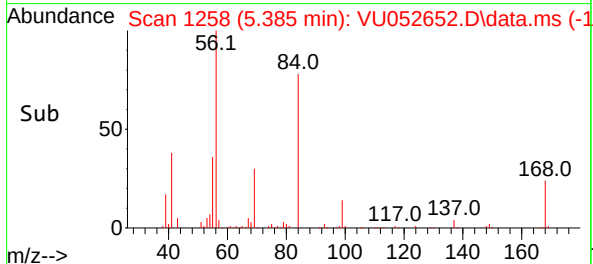
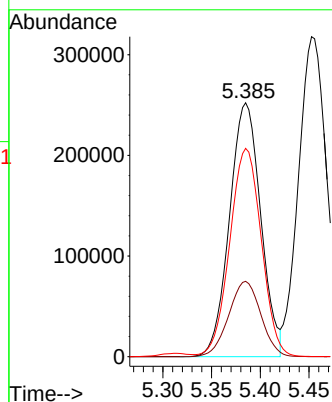
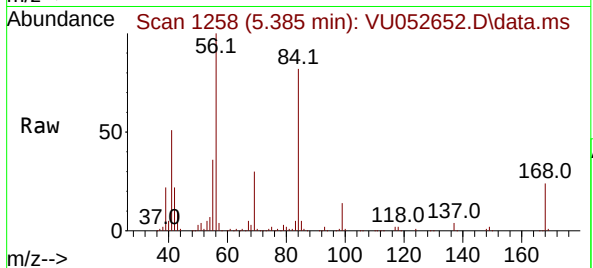




#31
Cyclohexane
Concen: 101.739 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

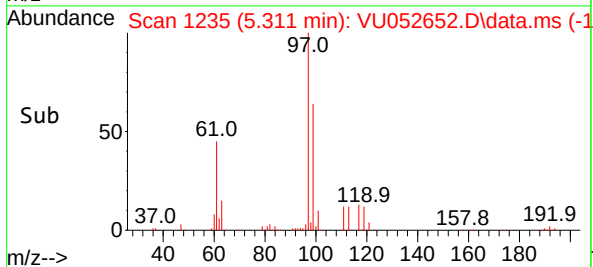
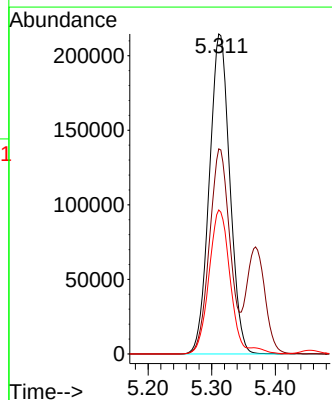
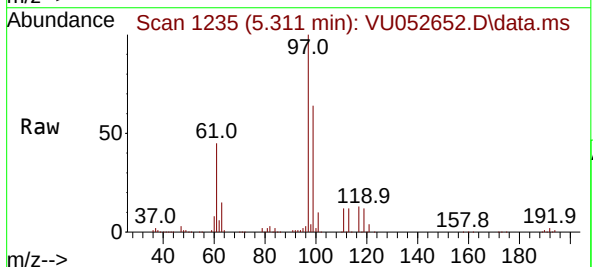
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

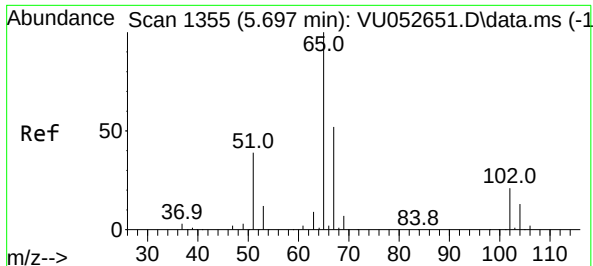
Tgt Ion: 56 Resp: 563368
Ion Ratio Lower Upper
56 100
69 29.7 27.8 41.8
84 80.8 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 99.128 ug/l
RT: 5.311 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

Tgt Ion: 97 Resp: 479258
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.6
61 45.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 100.214 ug/l

RT: 5.697 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

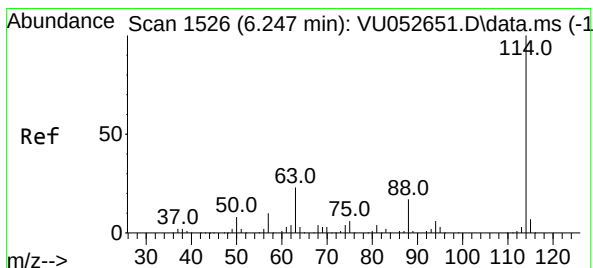
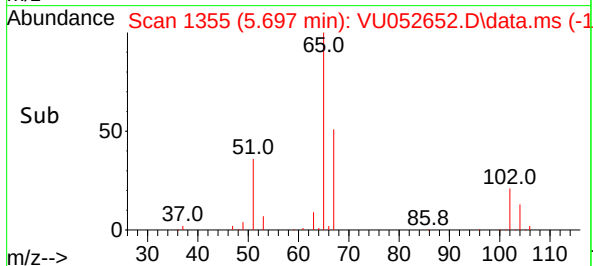
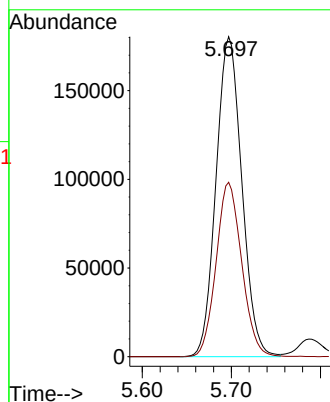
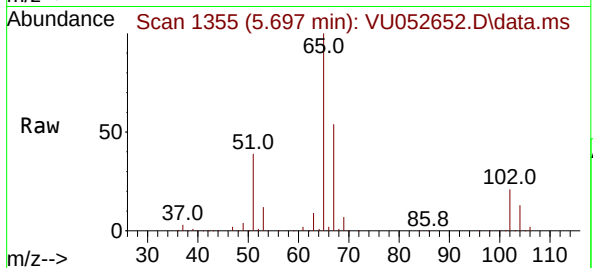
VSTDIC100

Tgt Ion: 65 Resp: 363150

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.244 min Scan# 1525

Delta R.T. -0.003 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

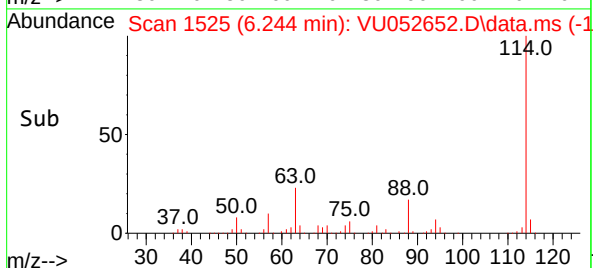
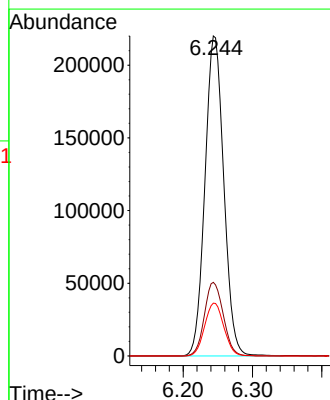
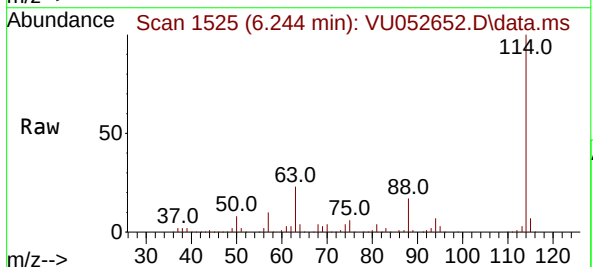
Tgt Ion: 114 Resp: 413730

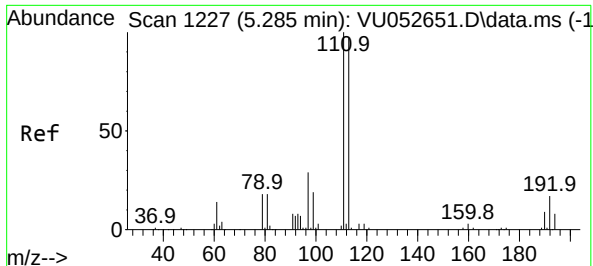
Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.8

88 16.5 0.0 29.2





#35

Dibromofluoromethane

Concen: 95.637 ug/l

RT: 5.285 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

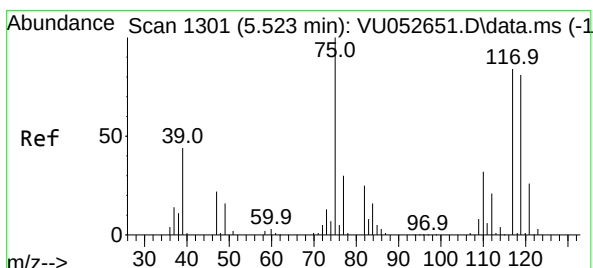
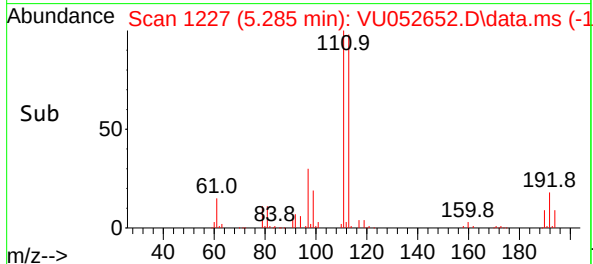
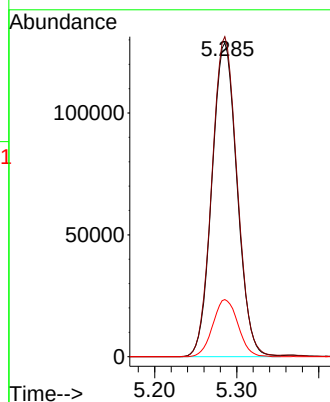
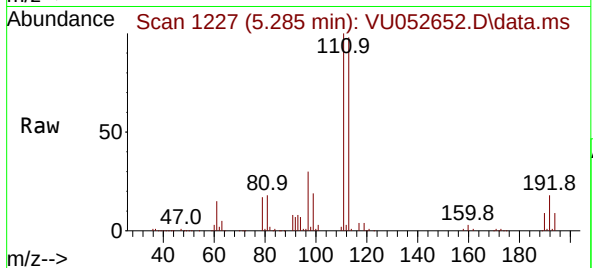
Tgt Ion:113 Resp: 274748

Ion Ratio Lower Upper

113 100

111 102.5 82.1 123.1

192 18.2 18.0 27.0



#36

1,1-Dichloropropene

Concen: 103.887 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

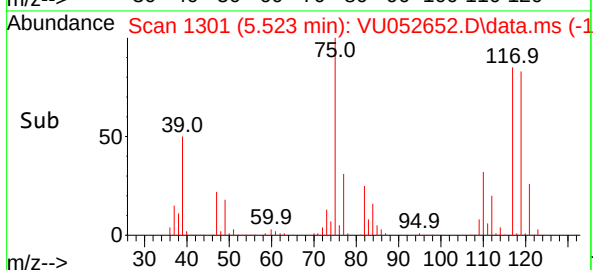
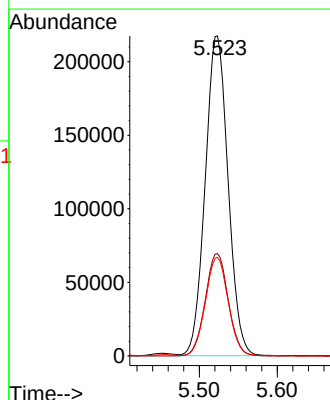
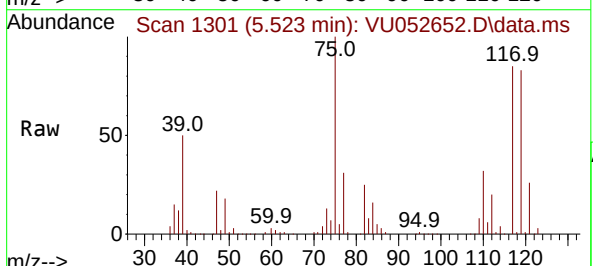
Tgt Ion: 75 Resp: 442393

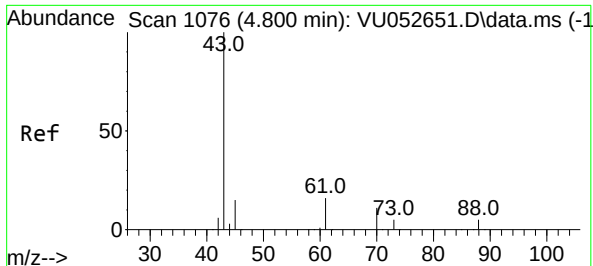
Ion Ratio Lower Upper

75 100

110 32.2 18.4 55.2

77 30.7 25.1 37.7

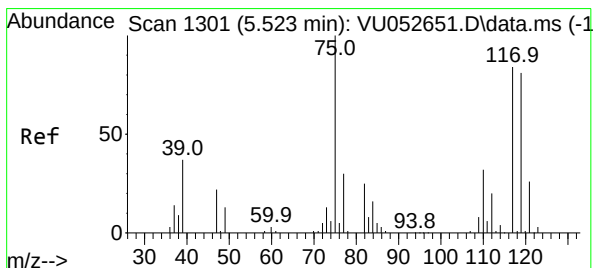
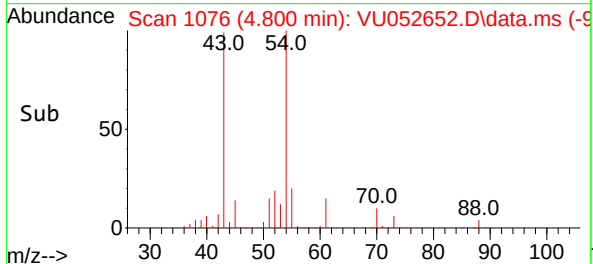
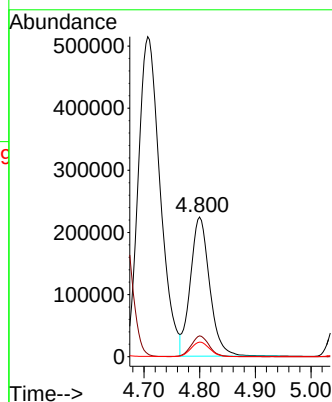
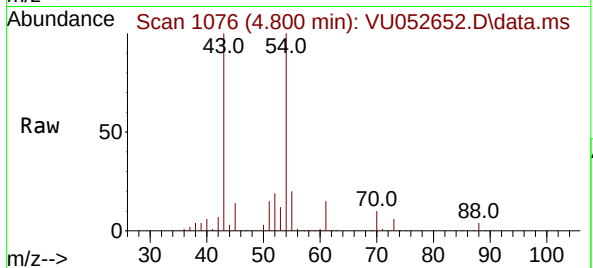




#37
Ethyl Acetate
Concen: 96.835 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

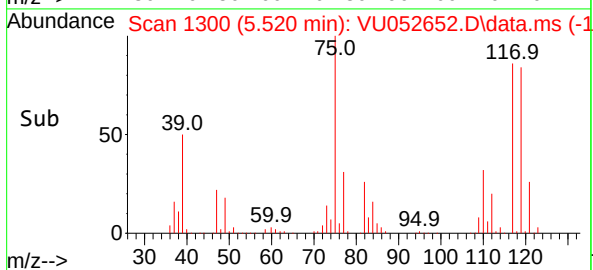
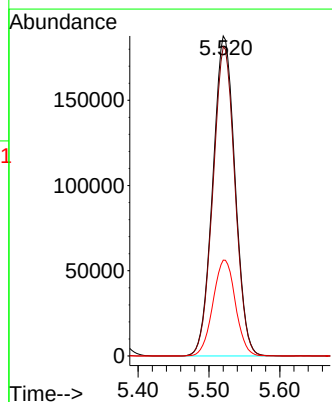
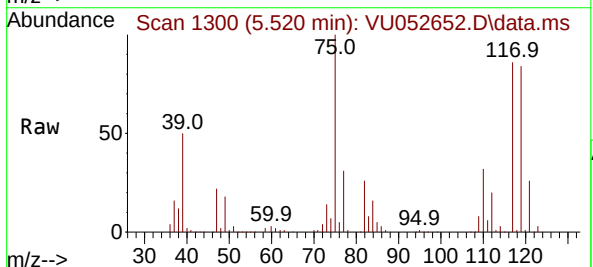
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

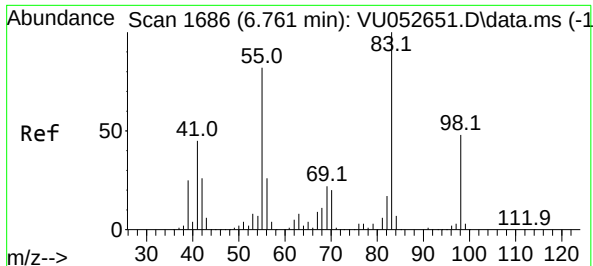
Tgt Ion: 43 Resp: 538575
Ion Ratio Lower Upper
43 100
61 13.6 9.5 14.3
70 10.3 7.5 11.3



#38
Carbon Tetrachloride
Concen: 94.017 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. -0.003 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

Tgt Ion: 117 Resp: 409382
Ion Ratio Lower Upper
117 100
119 96.6 76.8 115.2
121 29.9 24.7 37.1





#39

Methylcyclohexane

Concen: 105.669 ug/l

RT: 6.758 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

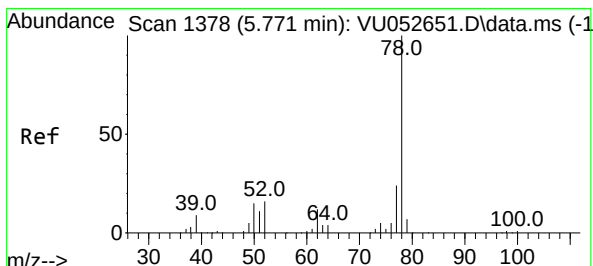
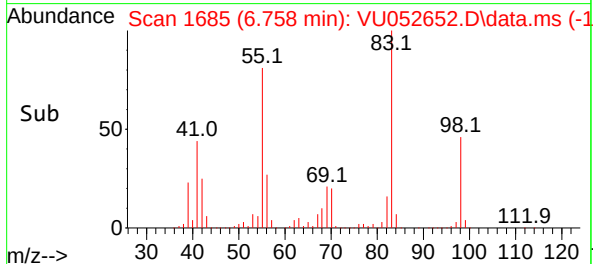
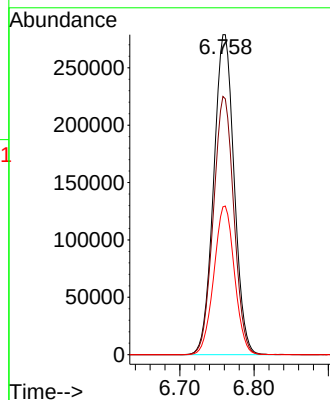
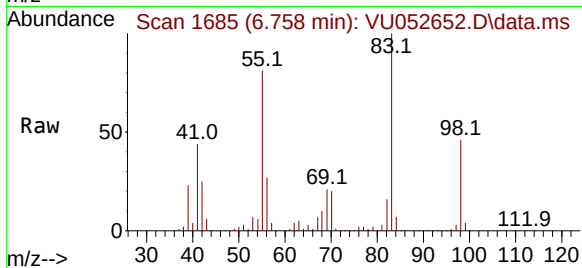
Tgt Ion: 83 Resp: 535043

Ion Ratio Lower Upper

83 100

55 80.7 55.3 82.9

98 46.2 37.3 55.9



#40

Benzene

Concen: 102.641 ug/l

RT: 5.771 min Scan# 1378

Delta R.T. 0.000 min

Lab File: VU052652.D

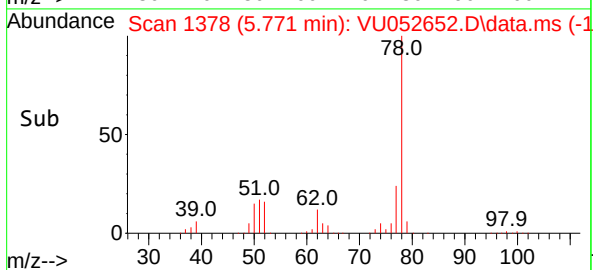
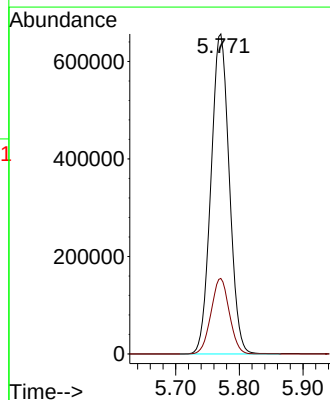
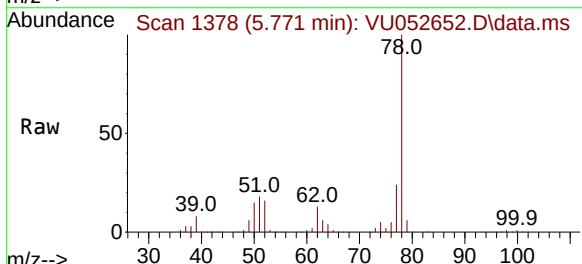
Acq: 11 Jan 2023 15:40

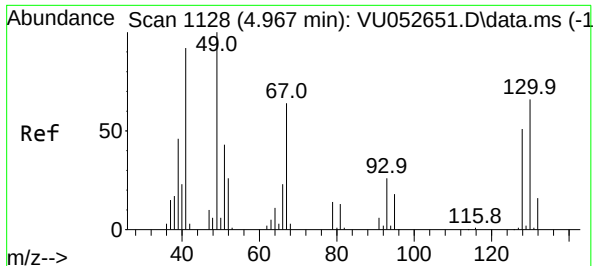
Tgt Ion: 78 Resp: 1312511

Ion Ratio Lower Upper

78 100

77 23.6 18.8 28.2

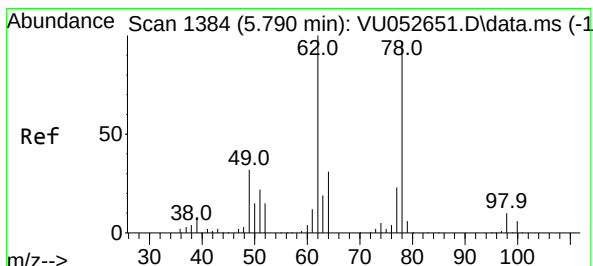
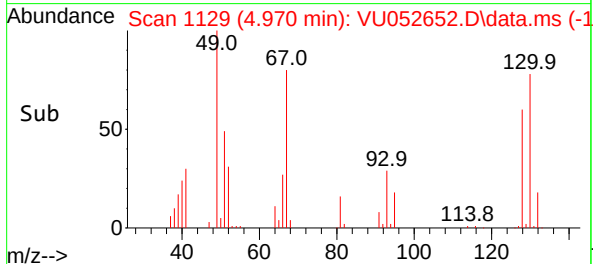
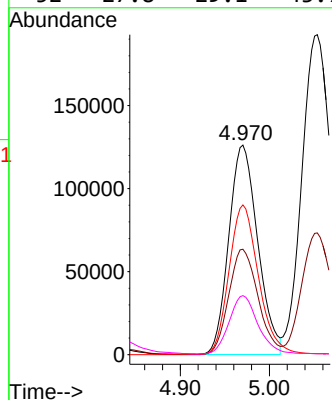
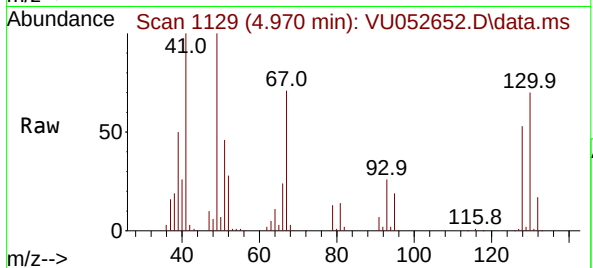




#41
Methacrylonitrile
Concen: 99.343 ug/l
RT: 4.970 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

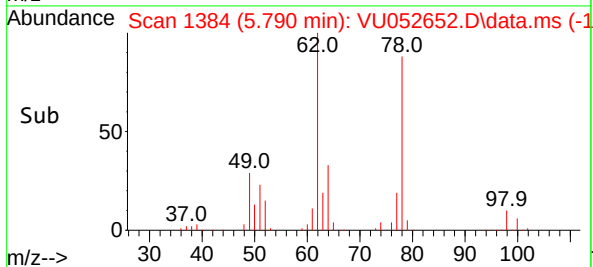
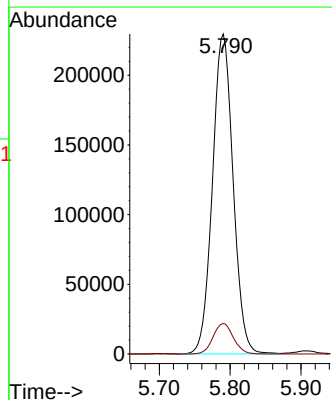
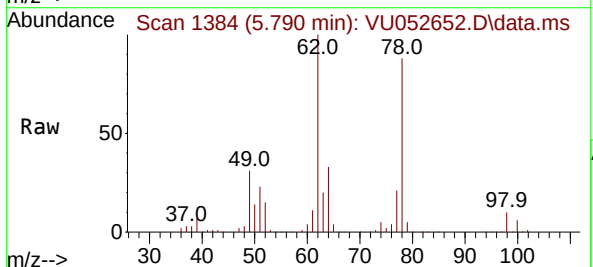
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

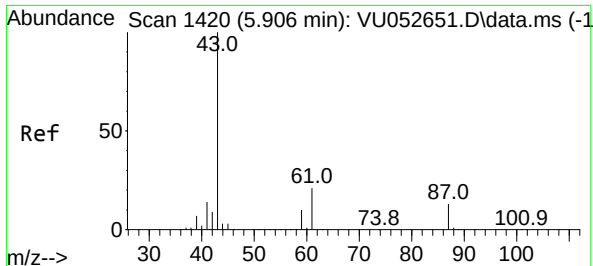
Tgt Ion: 41 Resp: 284773
Ion Ratio Lower Upper
41 100
39 50.6 43.1 64.7
67 73.3 72.3 108.5
52 27.8 29.1 43.7#



#42
1,2-Dichloroethane
Concen: 98.451 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

Tgt Ion: 62 Resp: 464296
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.6





#43

Isopropyl Acetate

Concen: 96.698 ug/l

RT: 5.906 min Scan# 1420

Delta R.T. 0.000 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

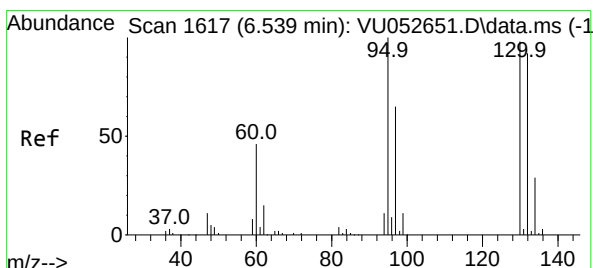
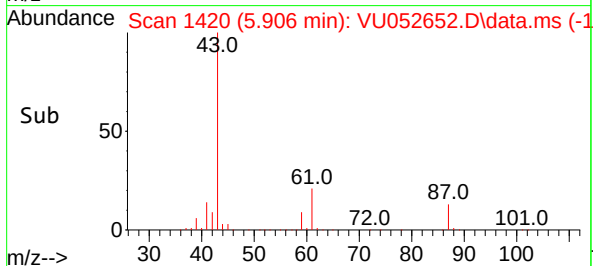
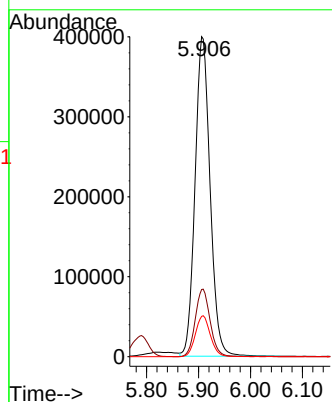
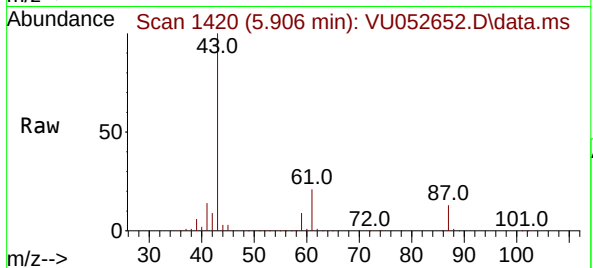
Tgt Ion: 43 Resp: 802069

Ion Ratio Lower Upper

43 100

61 21.1 17.4 26.0

87 12.7 12.6 18.8



#44

Trichloroethene

Concen: 100.371 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU052652.D

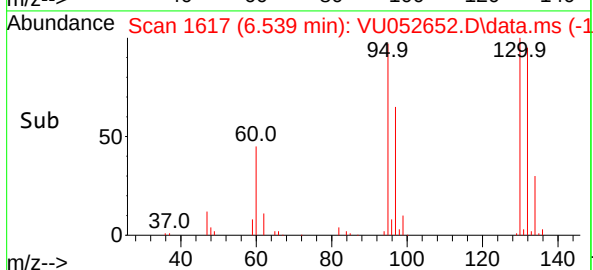
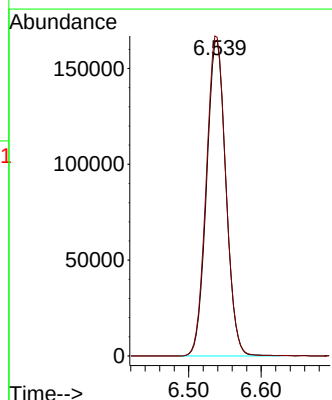
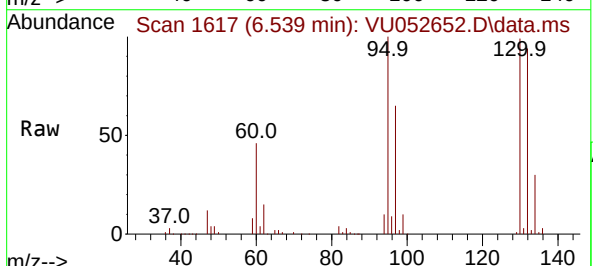
Acq: 11 Jan 2023 15:40

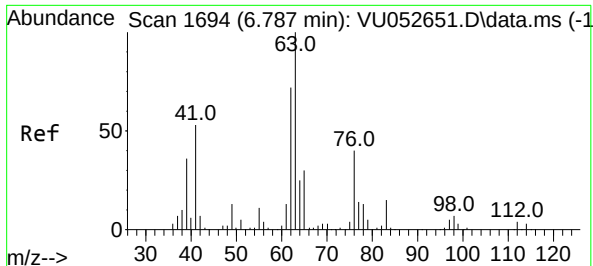
Tgt Ion:130 Resp: 304591

Ion Ratio Lower Upper

130 100

95 100.8 0.0 184.6





#45

1,2-Dichloropropane

Concen: 101.760 ug/l

RT: 6.787 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

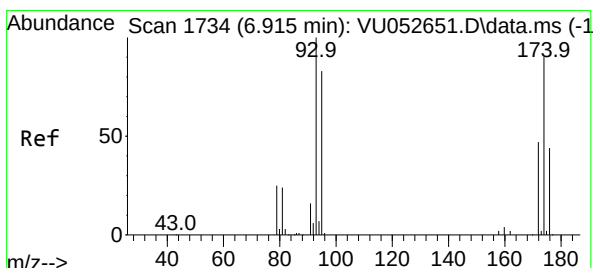
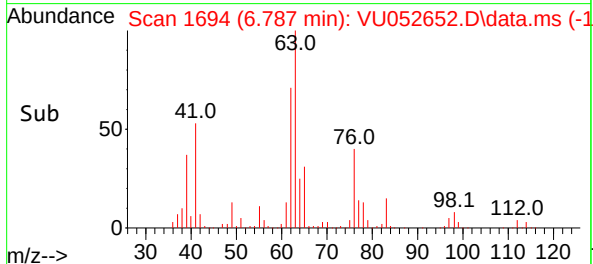
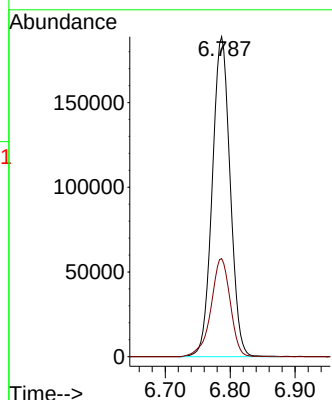
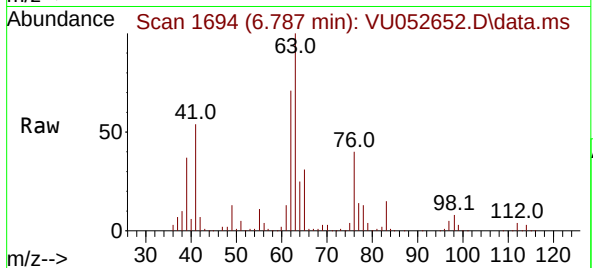
VSTDIC100

Tgt Ion: 63 Resp: 360877

Ion Ratio Lower Upper

63 100

65 30.7 25.0 37.4



#46

Dibromomethane

Concen: 96.926 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. -0.003 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

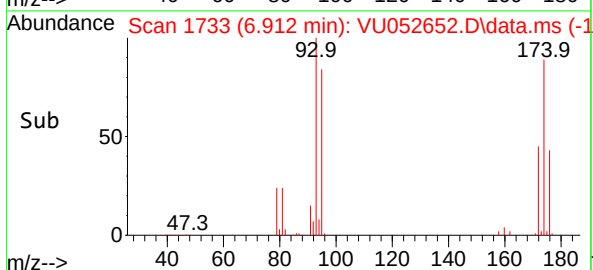
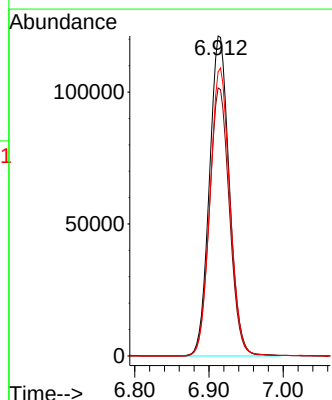
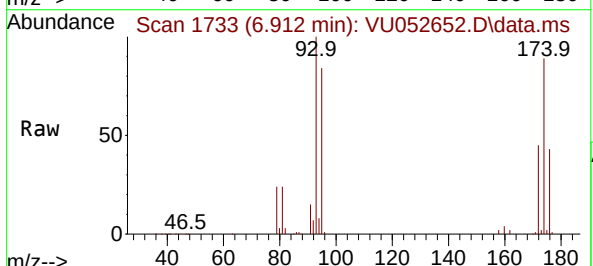
Tgt Ion: 93 Resp: 225323

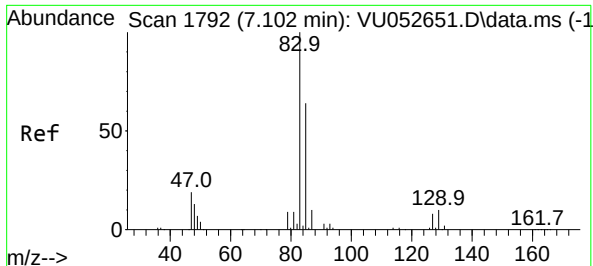
Ion Ratio Lower Upper

93 100

95 84.0 66.3 99.5

174 90.0 88.2 132.4

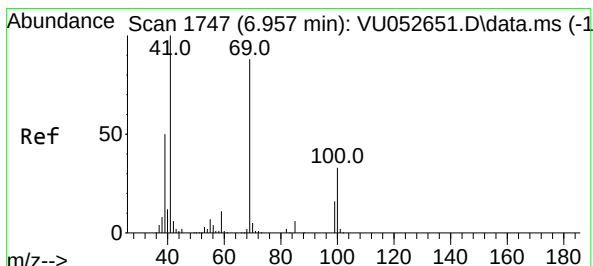
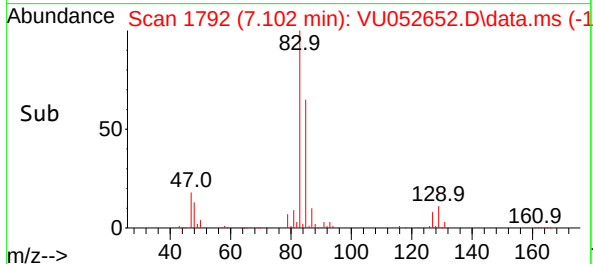
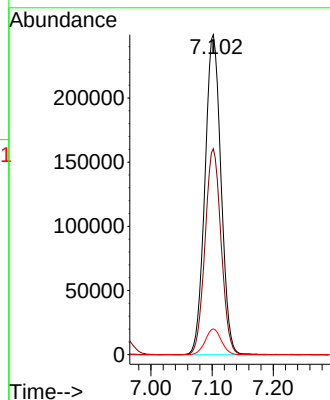
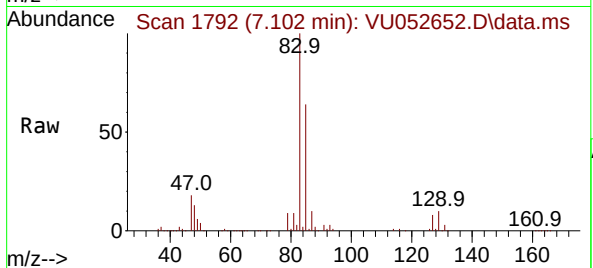




#47
Bromodichloromethane
Concen: 100.639 ug/l
RT: 7.102 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

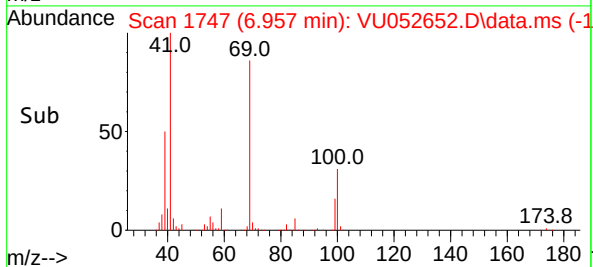
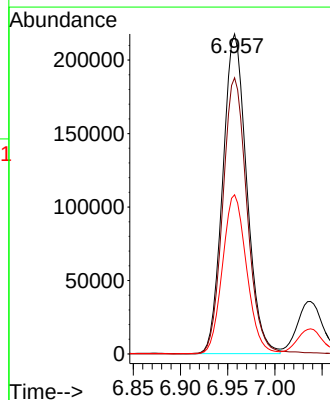
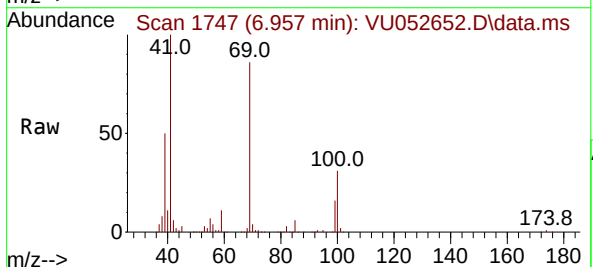
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

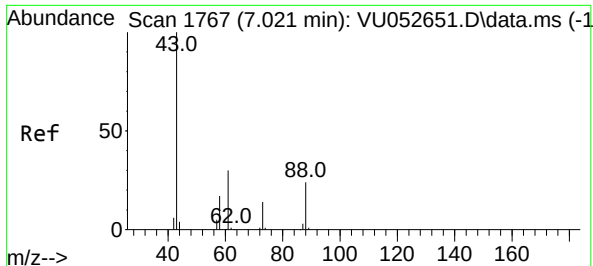
Tgt Ion: 83 Resp: 455212
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.2
127 8.0 7.1 10.7



#48
Methyl methacrylate
Concen: 99.193 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

Tgt Ion: 41 Resp: 384028
Ion Ratio Lower Upper
41 100
69 87.6 79.8 119.6
39 49.9 47.9 71.9





#49

1,4-Dioxane

Concen: 1523.280 ug/l

RT: 7.034 min Scan# 1

Delta R.T. 0.013 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

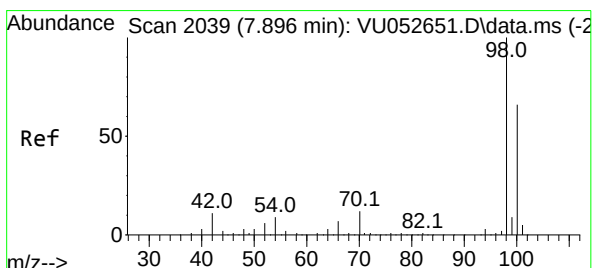
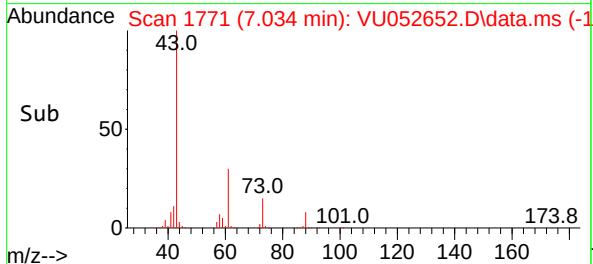
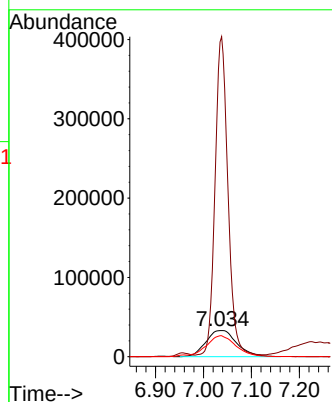
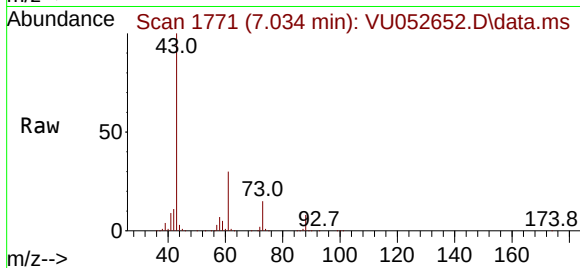
Tgt Ion: 88 Resp: 147699

Ion Ratio Lower Upper

88 100

43 504.7 0.0 0.0#

58 75.6 15.4 23.0#



#50

Toluene-d8

Concen: 104.556 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. -0.003 min

Lab File: VU052652.D

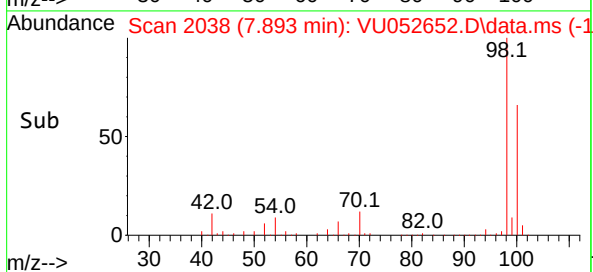
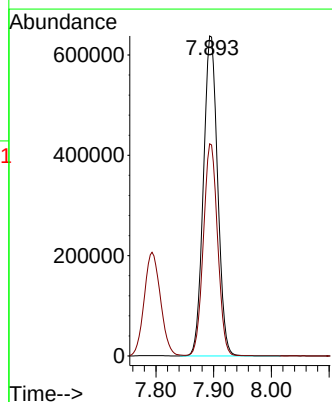
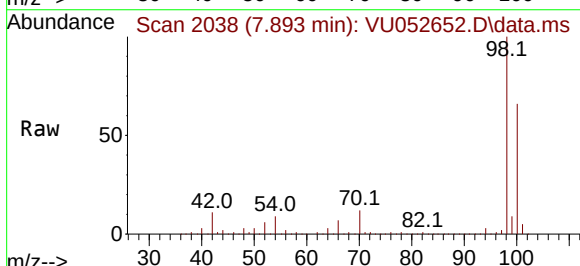
Acq: 11 Jan 2023 15:40

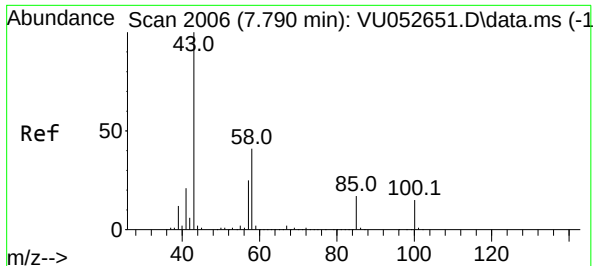
Tgt Ion: 98 Resp: 1089638

Ion Ratio Lower Upper

98 100

100 66.2 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 485.937 ug/l

RT: 7.793 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

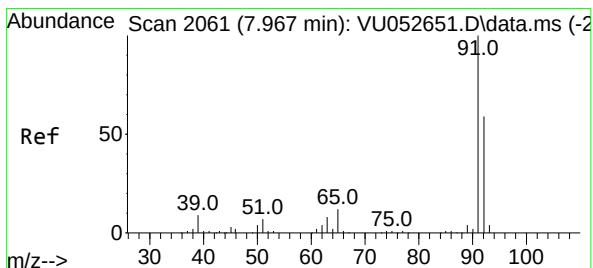
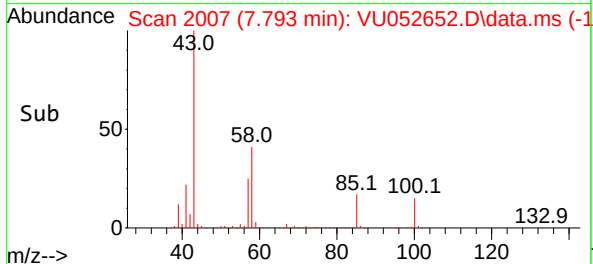
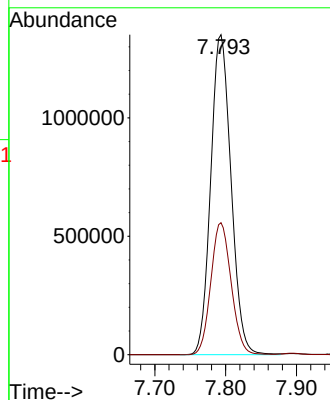
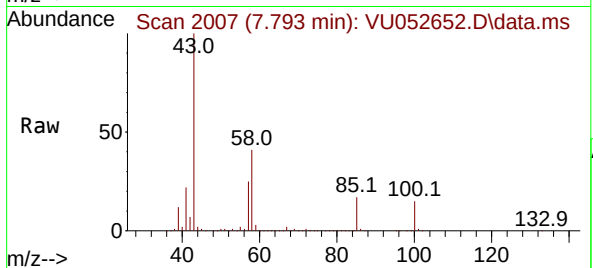
VSTDIC100

Tgt Ion: 43 Resp: 2688893

Ion Ratio Lower Upper

43 100

58 41.3 34.7 52.1



#52

Toluene

Concen: 104.736 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052652.D

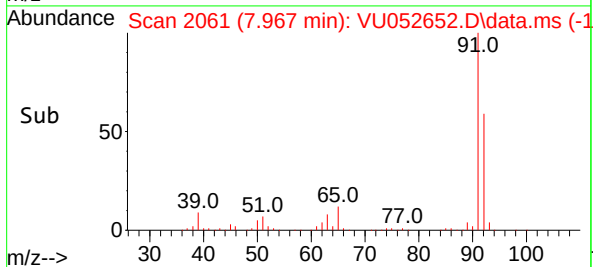
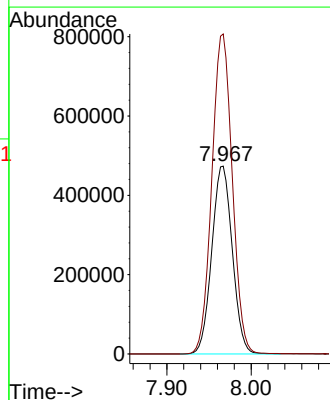
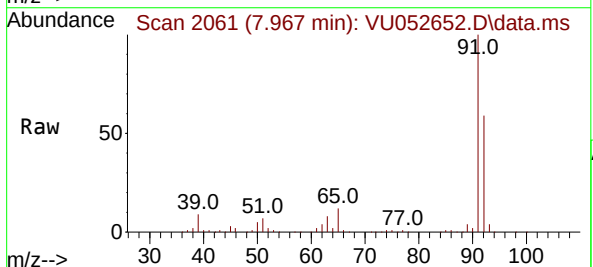
Acq: 11 Jan 2023 15:40

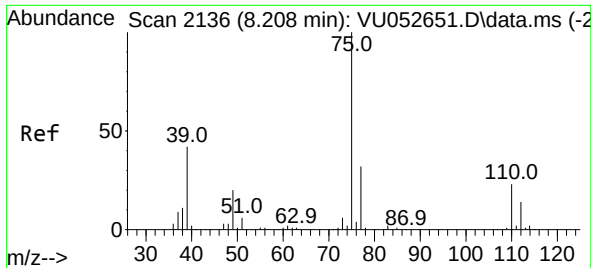
Tgt Ion: 92 Resp: 800217

Ion Ratio Lower Upper

92 100

91 170.0 138.2 207.4

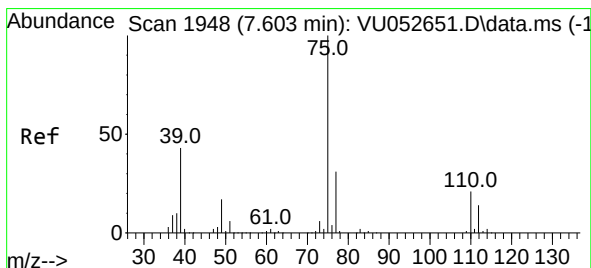
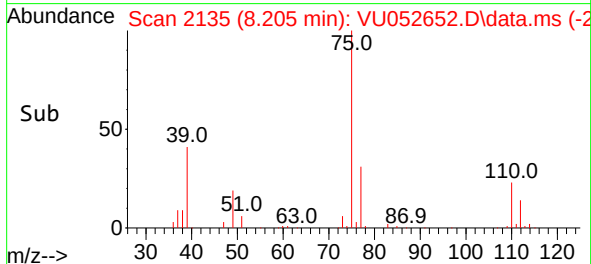
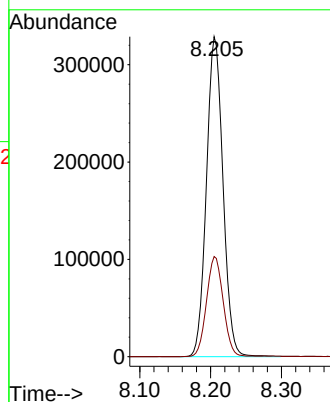
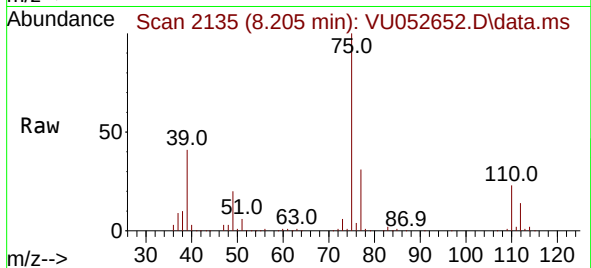




#53
 t-1,3-Dichloropropene
 Concen: 109.804 ug/l
 RT: 8.205 min Scan# 2136
 Delta R.T. -0.003 min
 Lab File: VU052652.D
 Acq: 11 Jan 2023 15:40

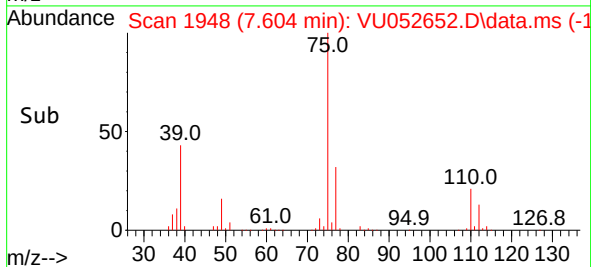
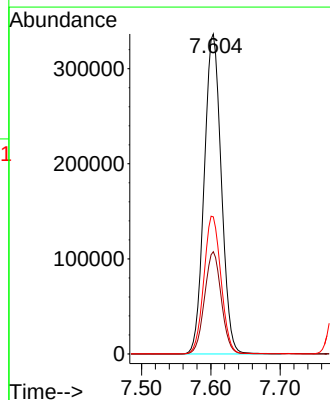
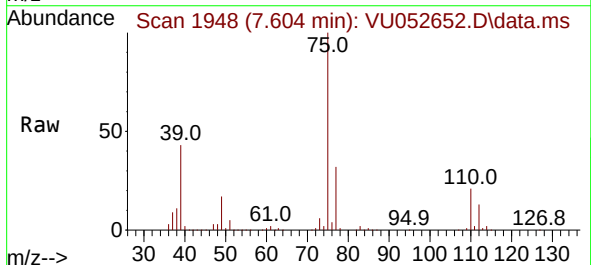
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

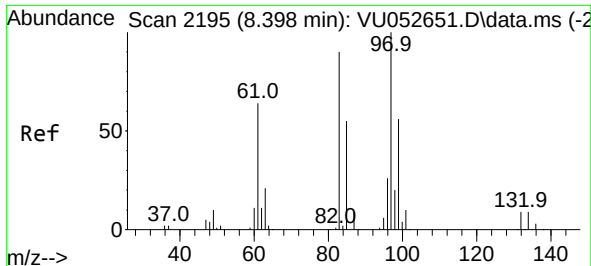
Tgt Ion: 75 Resp: 534023
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 110.287 ug/l
 RT: 7.604 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VU052652.D
 Acq: 11 Jan 2023 15:40

Tgt Ion: 75 Resp: 574903
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.7 38.5
 39 42.8 33.0 49.6



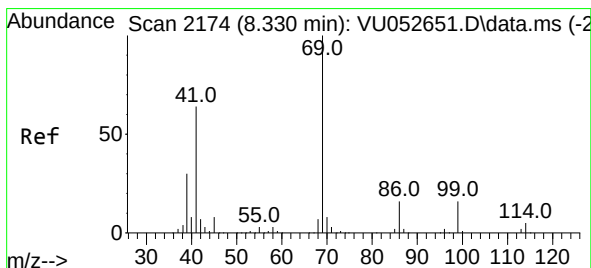
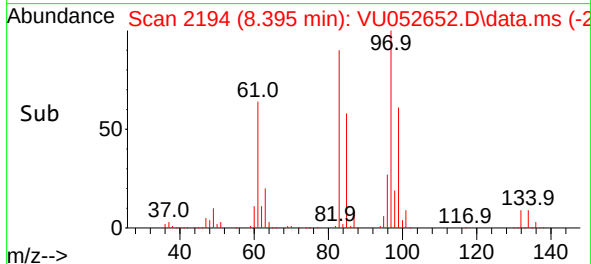
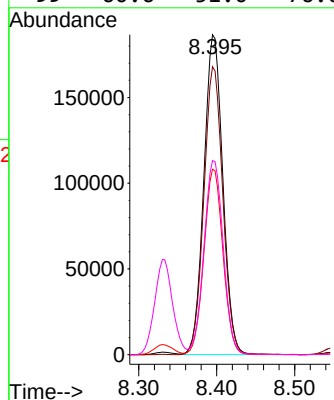
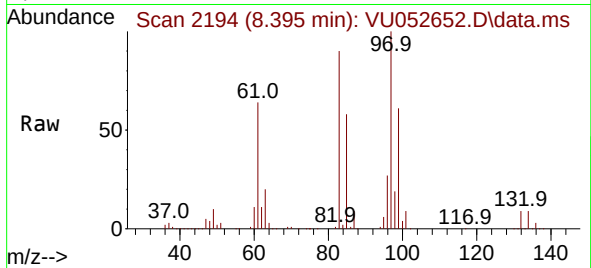


#55
1,1,2-Trichloroethane
Concen: 100.886 ug/l
RT: 8.395 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 314235

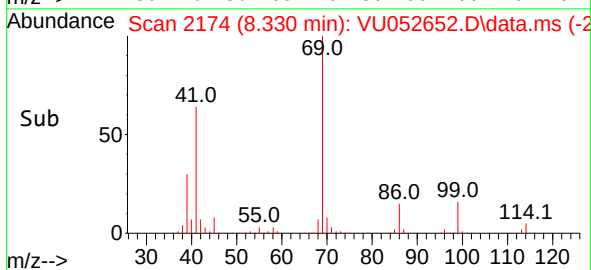
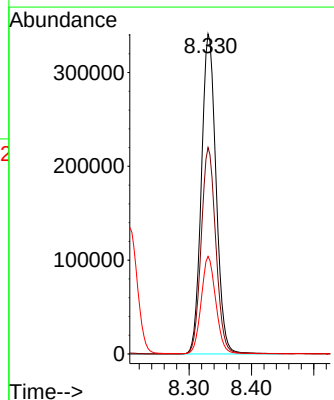
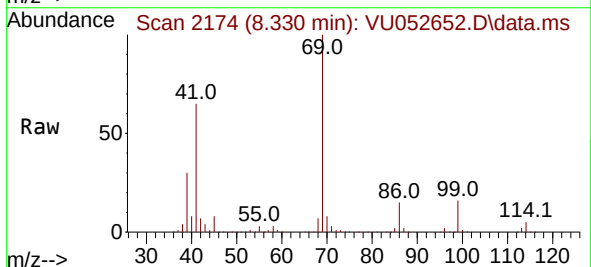
Ion	Ratio	Lower	Upper
97	100		
83	90.1	70.2	105.4
85	57.9	44.6	66.8
99	60.6	51.0	76.6

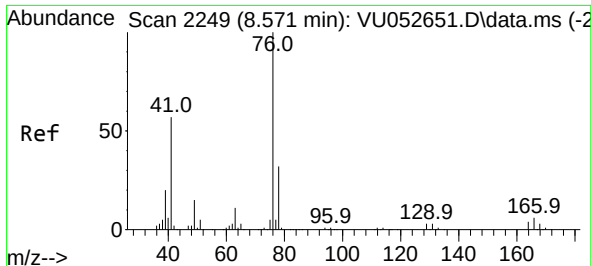


#56
Ethyl methacrylate
Concen: 108.281 ug/l
RT: 8.330 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

Tgt Ion: 69 Resp: 557802

Ion	Ratio	Lower	Upper
69	100		
41	64.4	45.4	68.0
39	30.2	25.7	38.5





#57

1,3-Dichloropropane

Concen: 105.724 ug/l

RT: 8.571 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

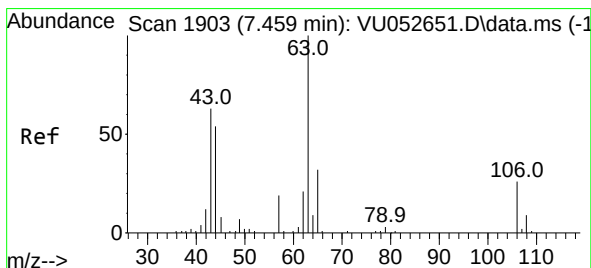
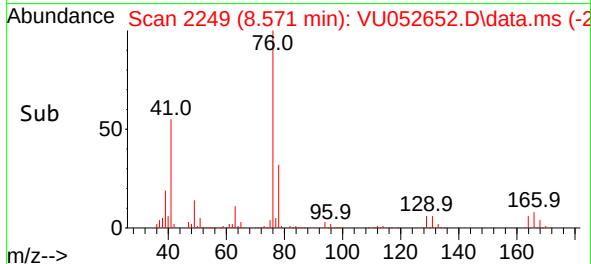
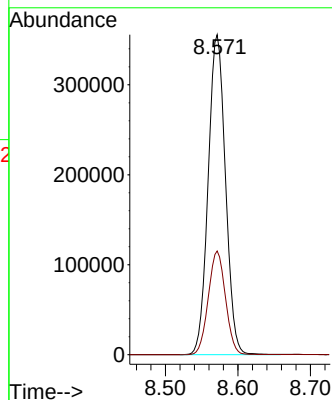
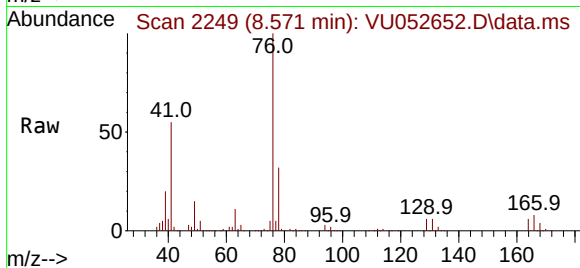
VSTDIC100

Tgt Ion: 76 Resp: 589639

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 439.666 ug/l

RT: 7.459 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VU052652.D

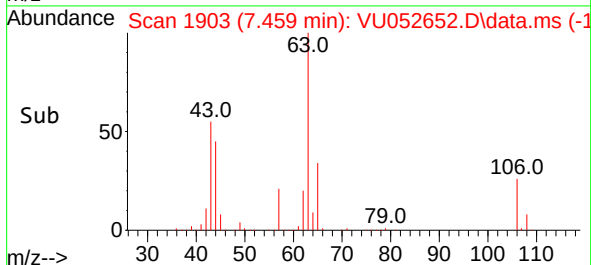
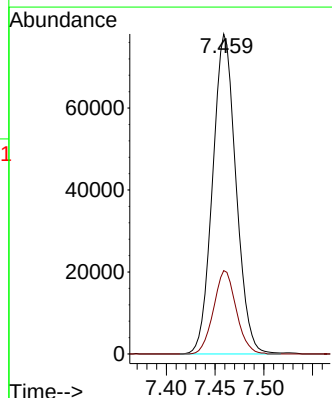
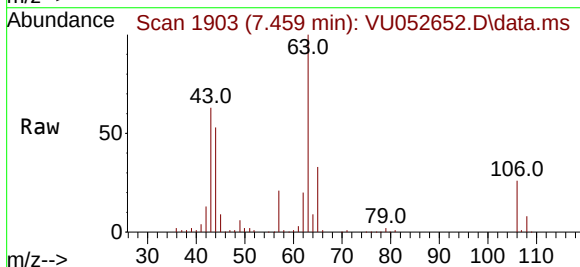
Acq: 11 Jan 2023 15:40

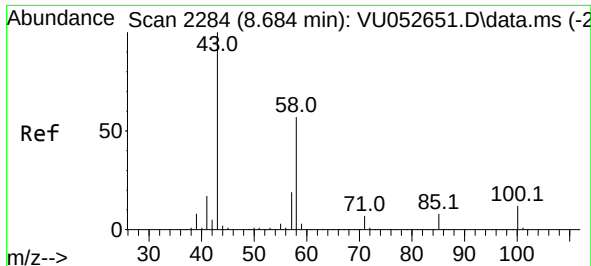
Tgt Ion: 63 Resp: 130353

Ion Ratio Lower Upper

63 100

106 25.2 23.1 34.7





#59

2-Hexanone

Concen: 480.194 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

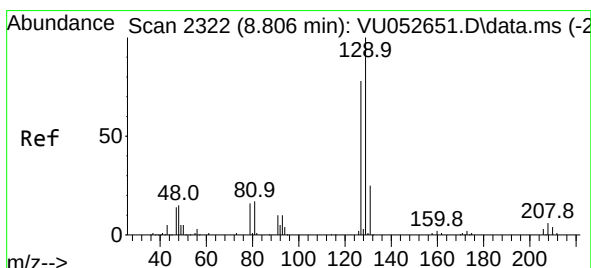
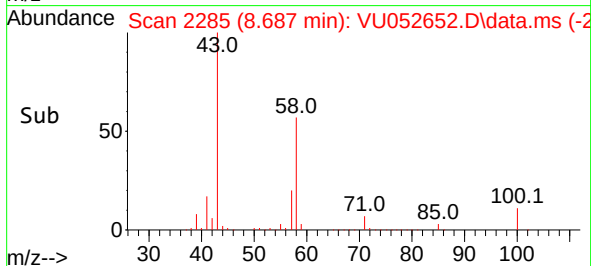
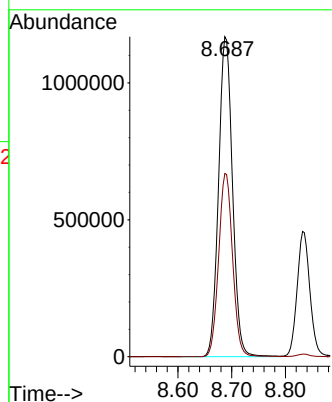
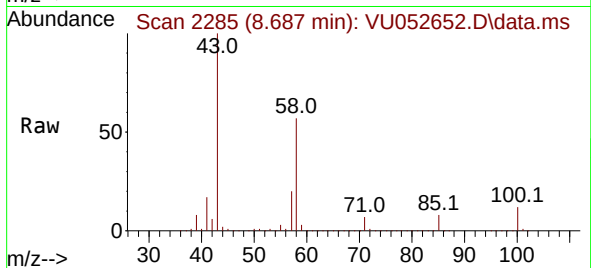
VSTDIC100

Tgt Ion: 43 Resp: 2093691

Ion Ratio Lower Upper

43 100

58 57.5 30.3 90.8



#60

Dibromochloromethane

Concen: 105.115 ug/l

RT: 8.806 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VU052652.D

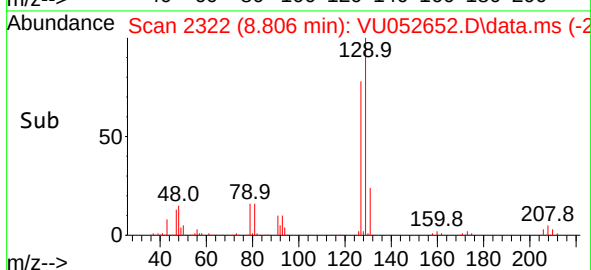
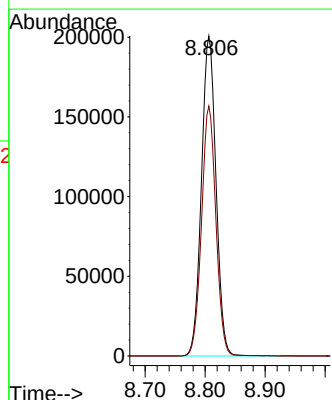
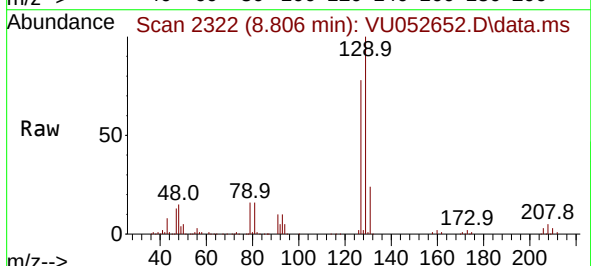
Acq: 11 Jan 2023 15:40

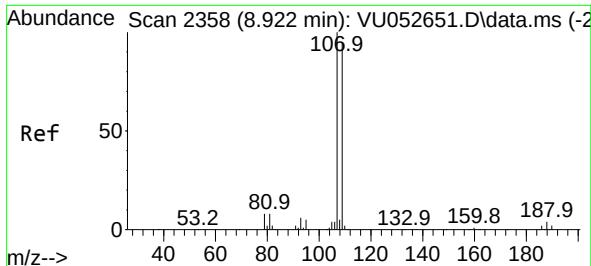
Tgt Ion: 129 Resp: 339046

Ion Ratio Lower Upper

129 100

127 77.2 38.6 116.0

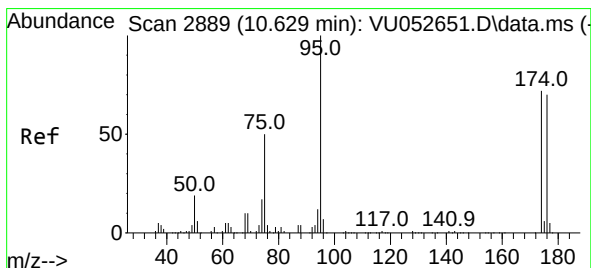
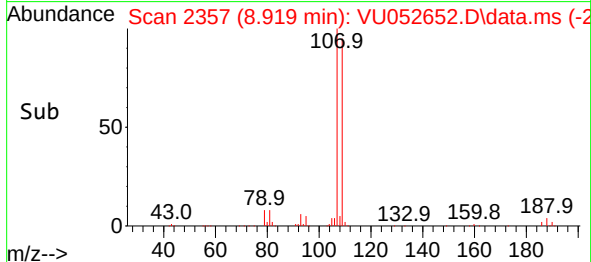
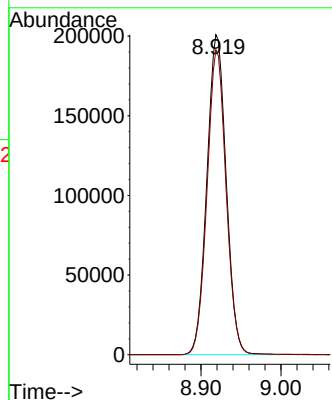
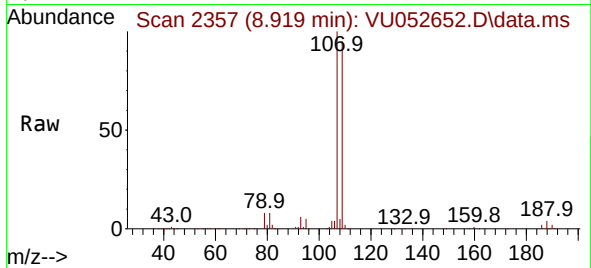




#61
1,2-Dibromoethane
Concen: 99.574 ug/l
RT: 8.919 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

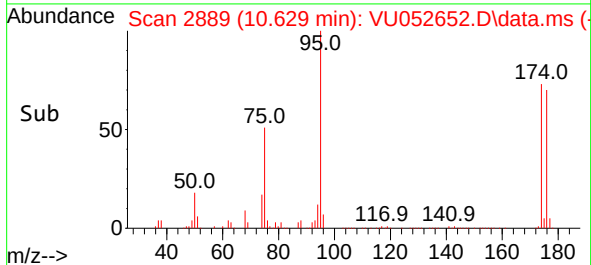
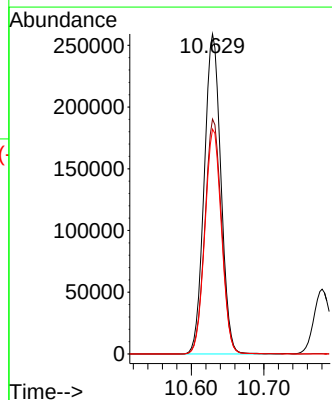
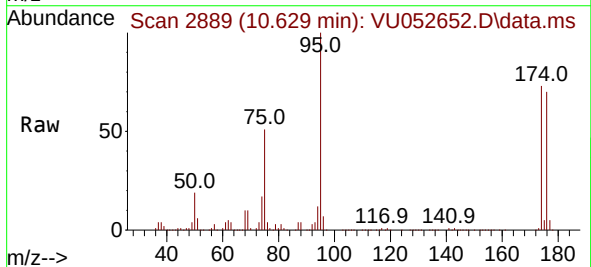
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

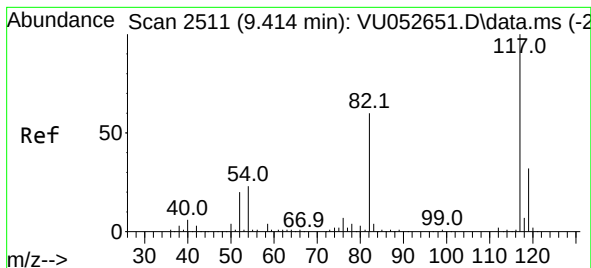
Tgt Ion:107 Resp: 337216
Ion Ratio Lower Upper
107 100
109 93.8 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 104.321 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

Tgt Ion: 95 Resp: 412582
Ion Ratio Lower Upper
95 100
174 73.6 0.0 182.0
176 70.2 0.0 177.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.414 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

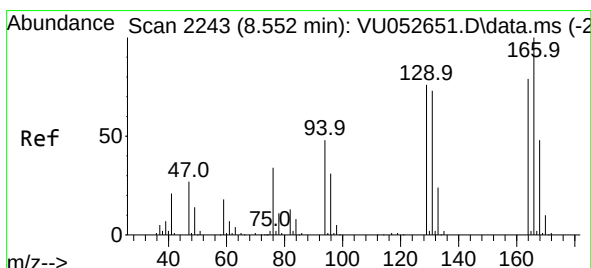
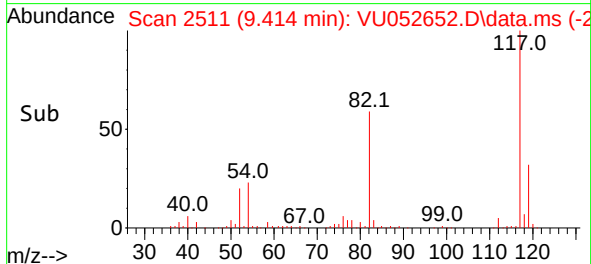
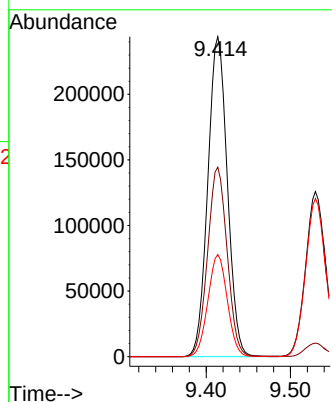
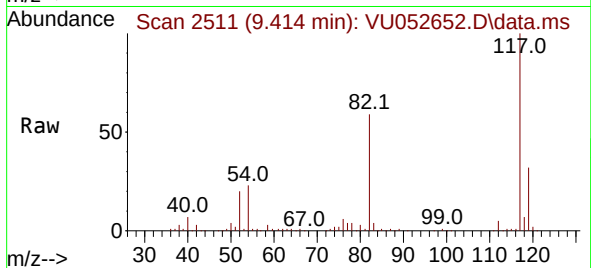
Tgt Ion:117 Resp: 393765

Ion Ratio Lower Upper

117 100

82 59.2 41.7 62.5

119 31.9 25.7 38.5



#64

Tetrachloroethene

Concen: 97.976 ug/l

RT: 8.549 min Scan# 2242

Delta R.T. -0.003 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

Tgt Ion:164 Resp: 249725

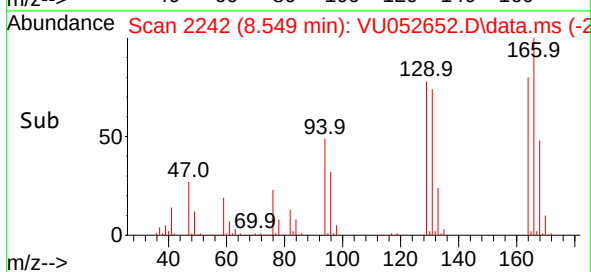
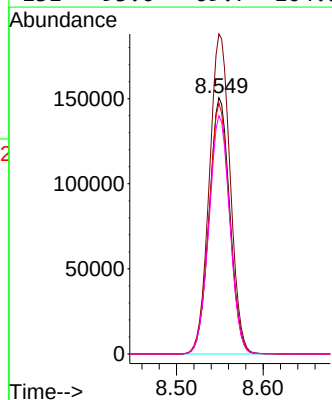
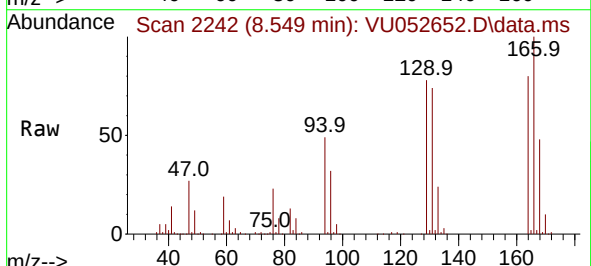
Ion Ratio Lower Upper

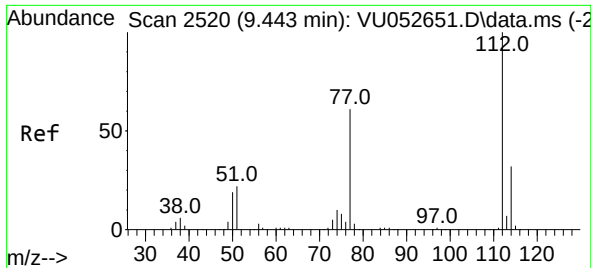
164 100

166 124.9 100.0 150.0

129 97.9 72.0 108.0

131 93.0 69.7 104.5

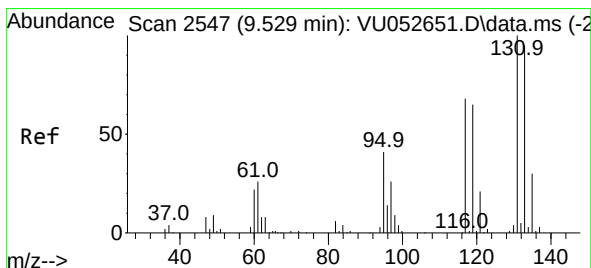
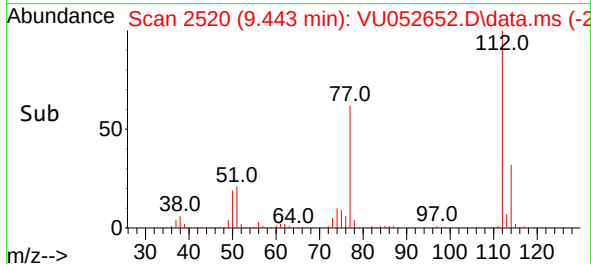
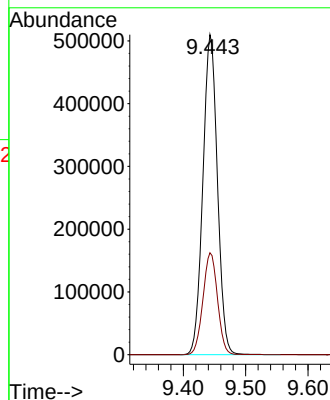
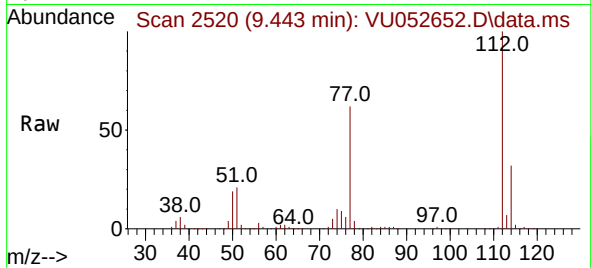




#65
Chlorobenzene
Concen: 101.644 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

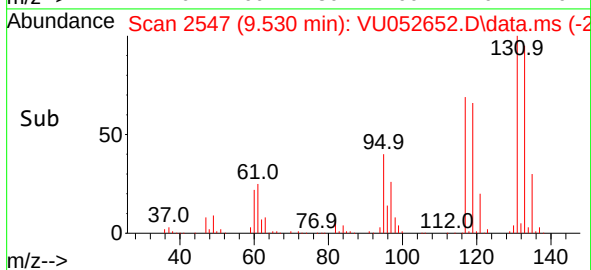
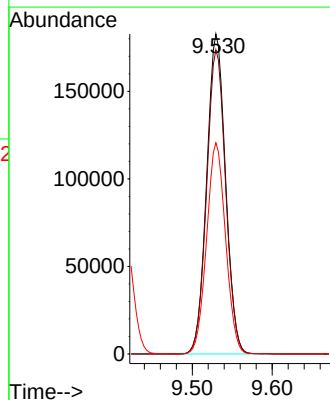
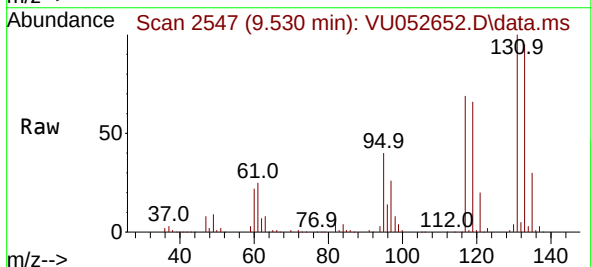
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

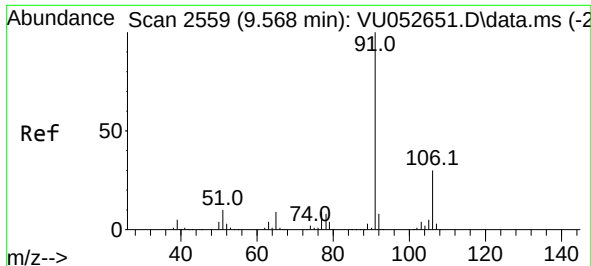
Tgt Ion:112 Resp: 826294
Ion Ratio Lower Upper
112 100
114 31.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 99.019 ug/l
RT: 9.530 min Scan# 2547
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

Tgt Ion:131 Resp: 300136
Ion Ratio Lower Upper
131 100
133 95.6 48.4 145.0
119 66.4 33.9 101.6





#67

Ethyl Benzene

Concen: 102.873 ug/l

RT: 9.565 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

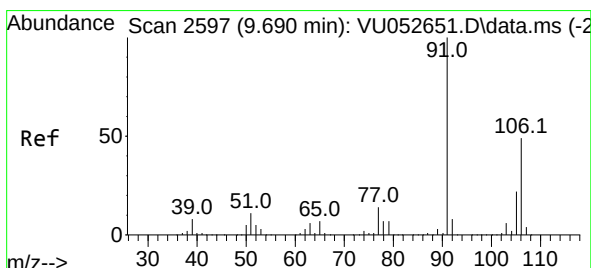
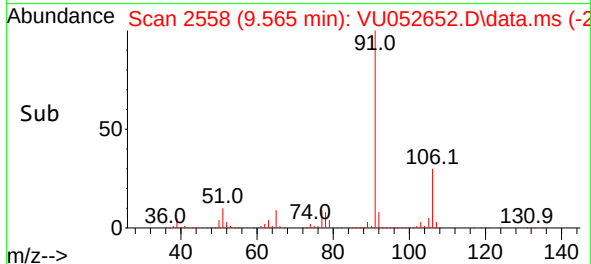
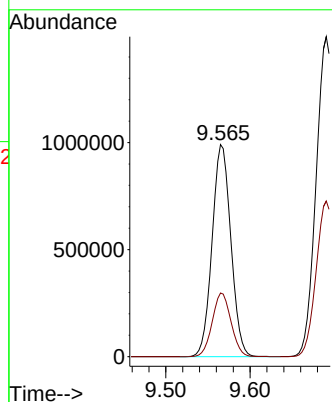
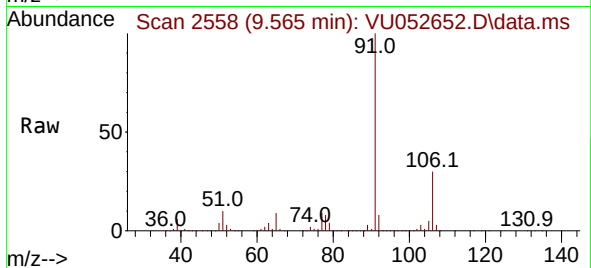
VSTDICC100

Tgt Ion: 91 Resp: 1531350

Ion Ratio Lower Upper

91 100

106 30.0 25.6 38.4



#68

m/p-Xylenes

Concen: 210.979 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. 0.000 min

Lab File: VU052652.D

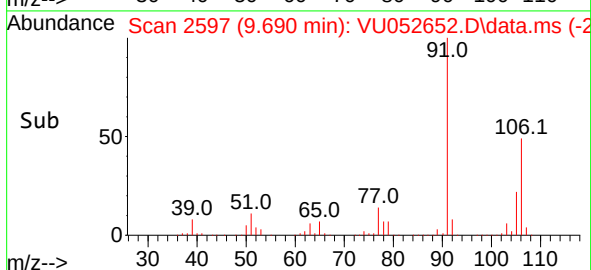
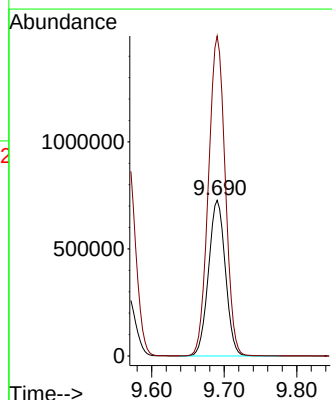
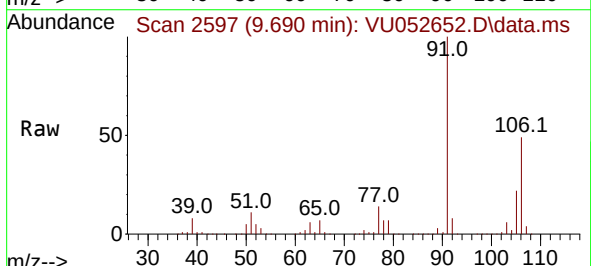
Acq: 11 Jan 2023 15:40

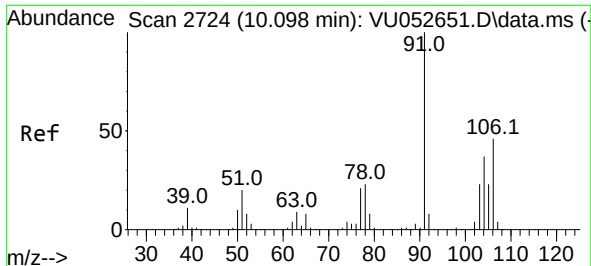
Tgt Ion:106 Resp: 1171907

Ion Ratio Lower Upper

106 100

91 204.6 157.2 235.8

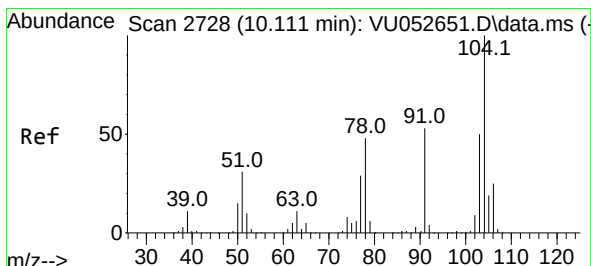
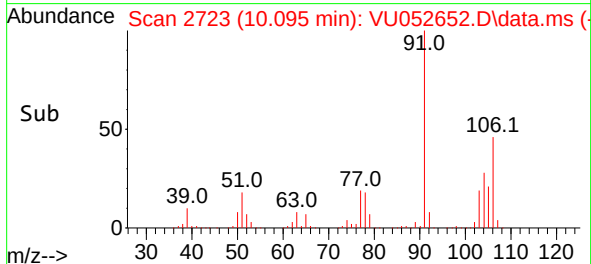
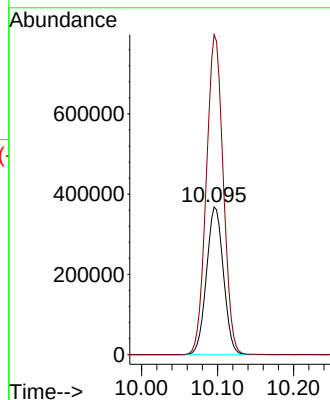
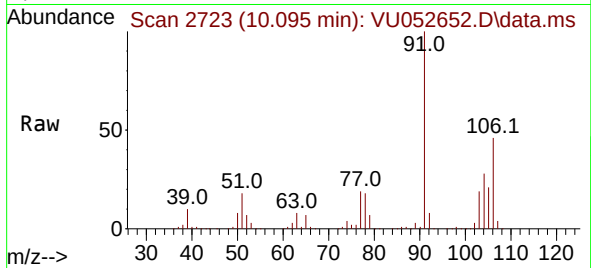




#69
o-Xylene
Concen: 104.526 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. -0.003 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

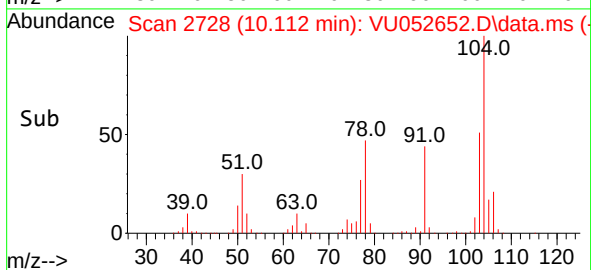
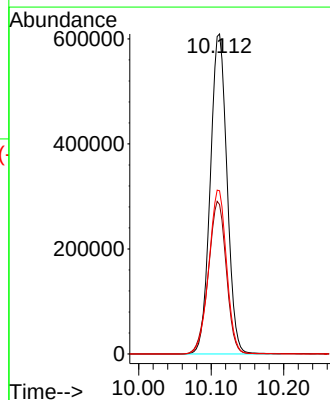
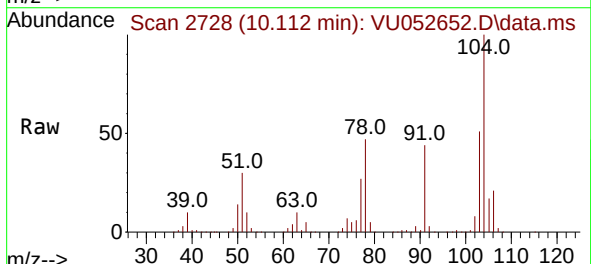
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

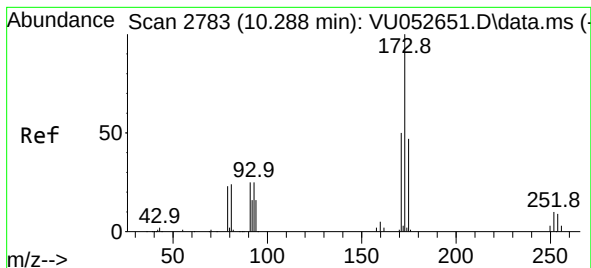
Tgt Ion:106 Resp: 570402
Ion Ratio Lower Upper
106 100
91 216.4 103.5 310.5



#70
Styrene
Concen: 110.976 ug/l
RT: 10.112 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

Tgt Ion:104 Resp: 978374
Ion Ratio Lower Upper
104 100
78 51.1 38.0 57.0
103 54.3 43.9 65.9





#71

Bromoform

Concen: 101.862 ug/l

RT: 10.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

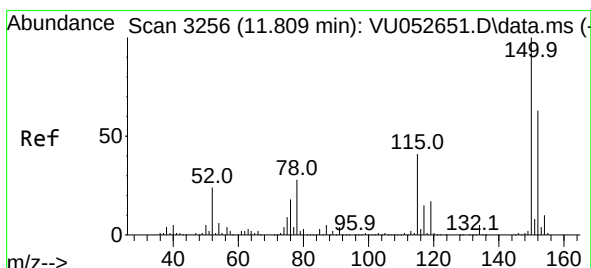
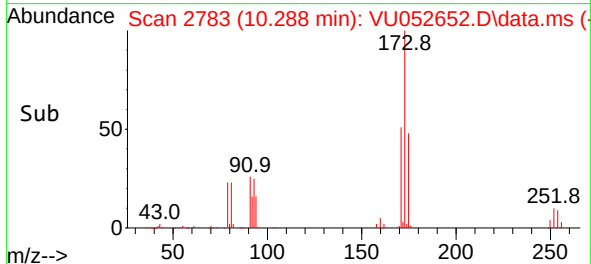
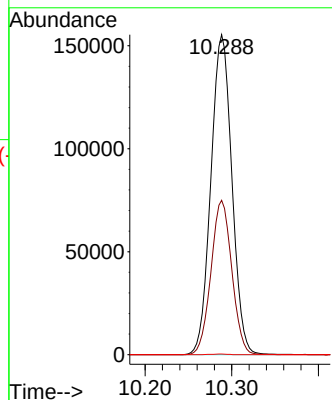
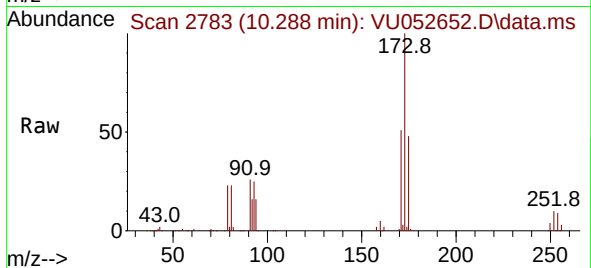
Tgt Ion:173 Resp: 261659

Ion Ratio Lower Upper

173 100

175 47.8 24.1 72.2

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.809 min Scan# 3256

Delta R.T. 0.000 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

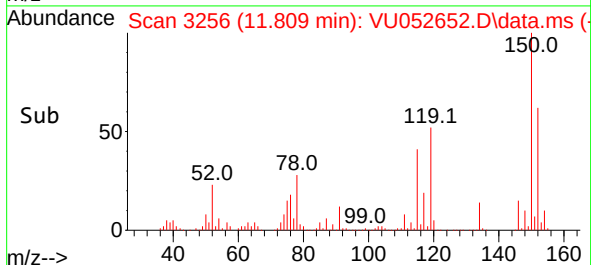
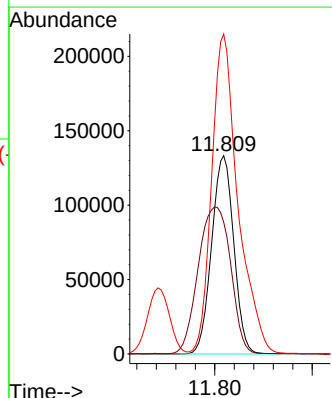
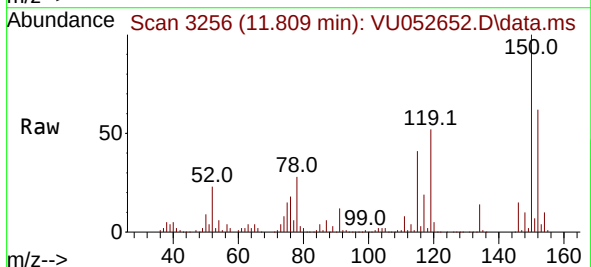
Tgt Ion:152 Resp: 210044

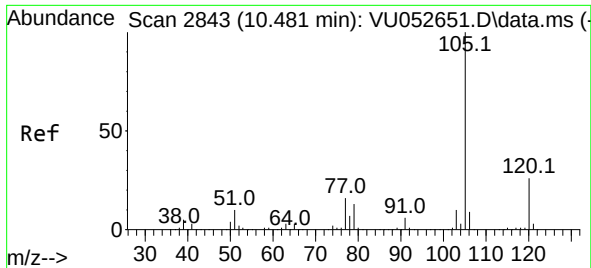
Ion Ratio Lower Upper

152 100

115 107.9 37.0 110.9

150 191.6 0.0 342.2

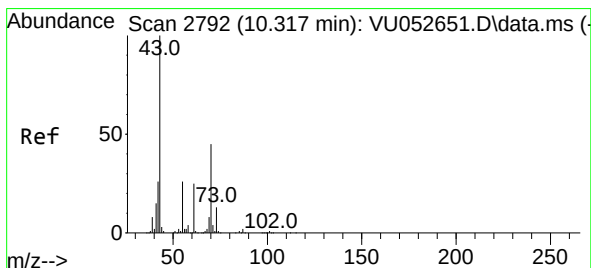
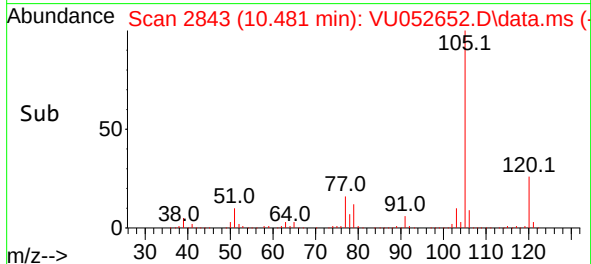
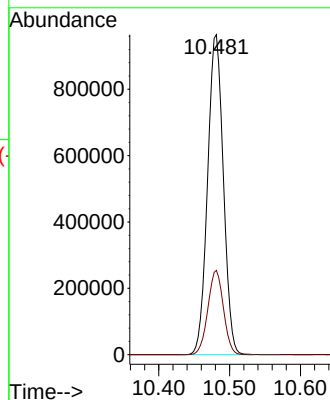
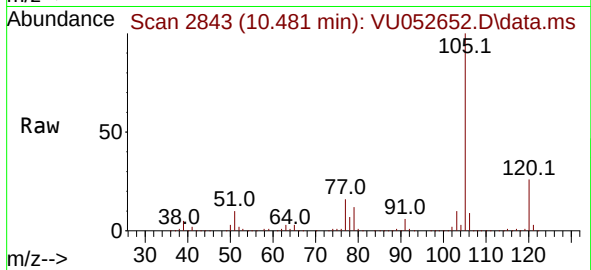




#73
Isopropylbenzene
Concen: 99.863 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

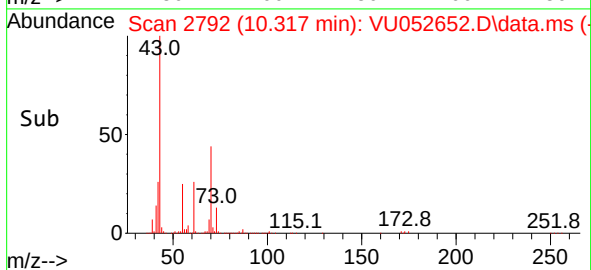
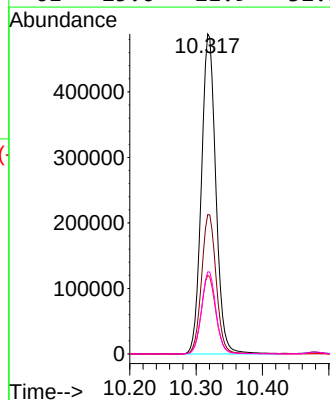
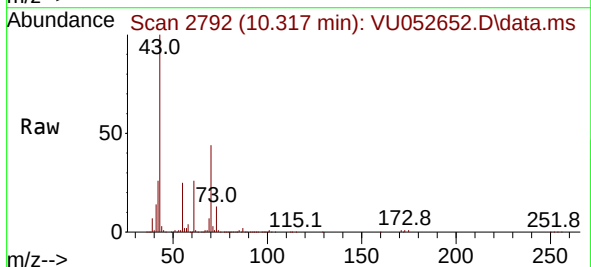
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

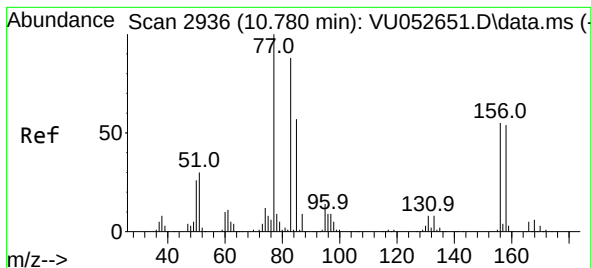
Tgt Ion:105 Resp: 1488449
Ion Ratio Lower Upper
105 100
120 26.0 13.8 41.4



#74
N-ethyl acetate
Concen: 96.223 ug/l
RT: 10.317 min Scan# 2792
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

Tgt Ion: 43 Resp: 738995
Ion Ratio Lower Upper
43 100
70 44.2 38.7 58.1
55 25.0 21.8 32.8
61 25.6 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 91.593 ug/l

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

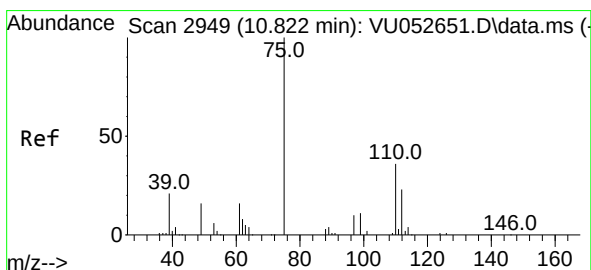
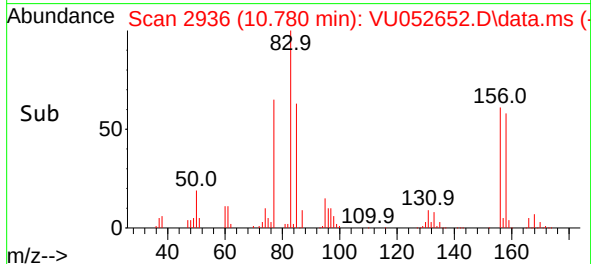
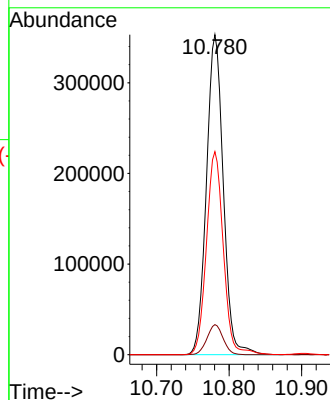
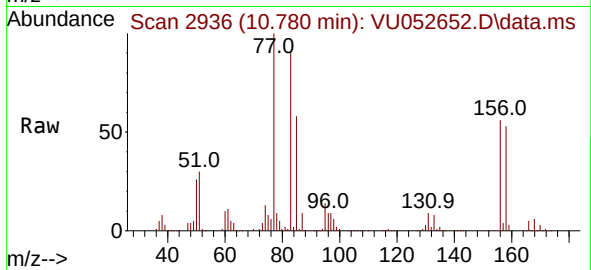
Tgt Ion: 83 Resp: 570086

Ion Ratio Lower Upper

83 100

131 9.0 5.1 15.4

85 63.7 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 93.097 ug/l

RT: 10.822 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU052652.D

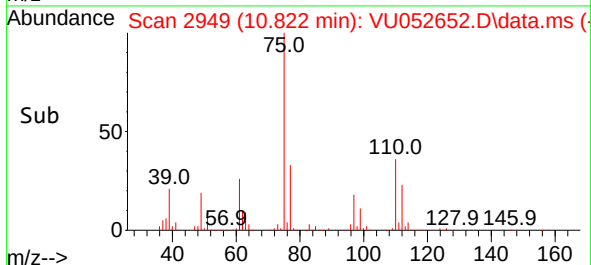
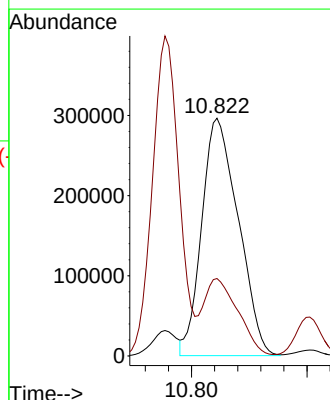
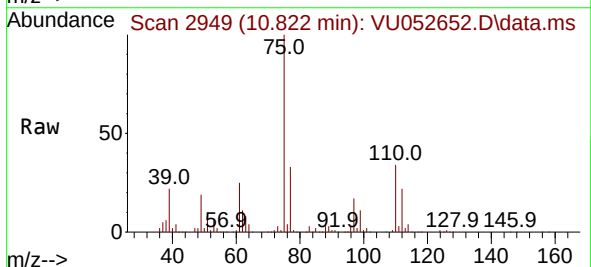
Acq: 11 Jan 2023 15:40

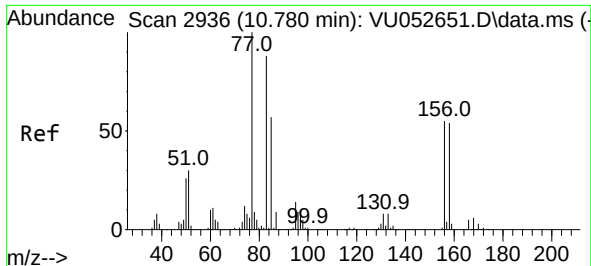
Tgt Ion: 75 Resp: 650402

Ion Ratio Lower Upper

75 100

77 29.7 15.8 47.3

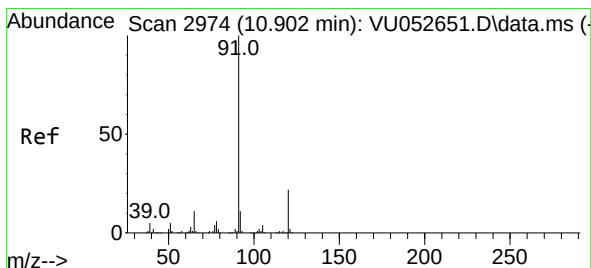
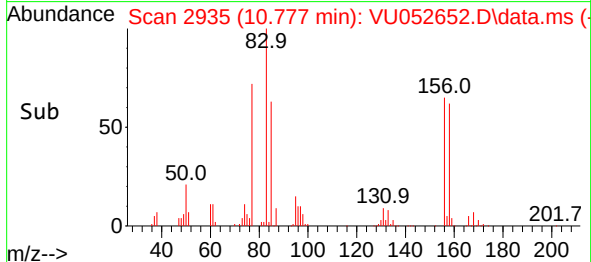
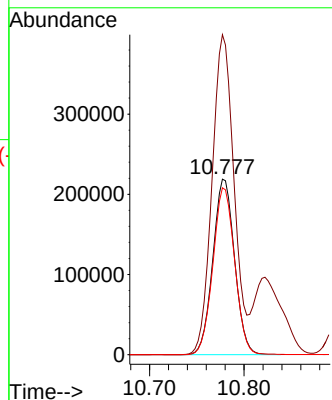
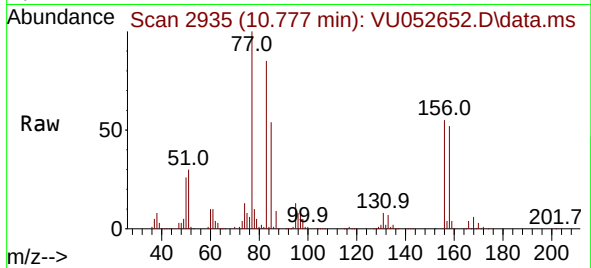




#77
Bromobenzene
Concen: 96.287 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

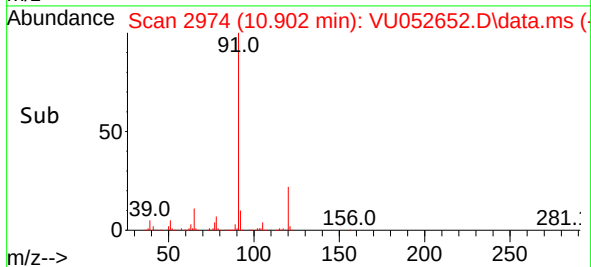
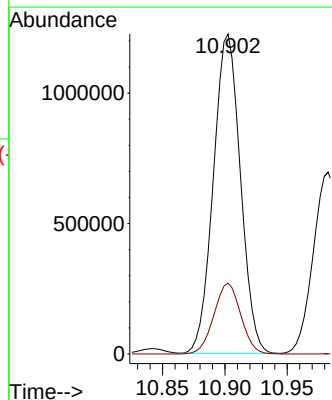
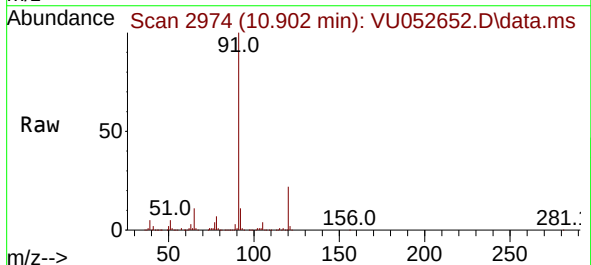
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

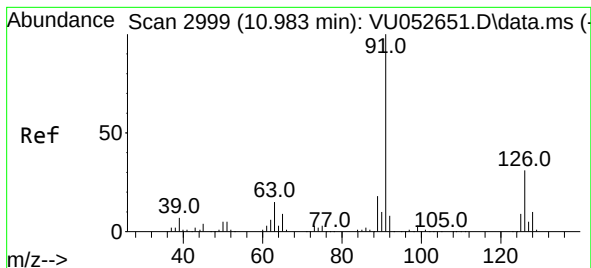
Tgt Ion:156 Resp: 349142
Ion Ratio Lower Upper
156 100
77 183.0 71.9 215.6
158 95.6 48.9 146.8



#78
n-propylbenzene
Concen: 101.505 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

Tgt Ion: 91 Resp: 1848134
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.5





#79

2-Chlorotoluene

Concen: 97.792 ug/l

RT: 10.983 min Scan# 2999

Delta R.T. 0.000 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

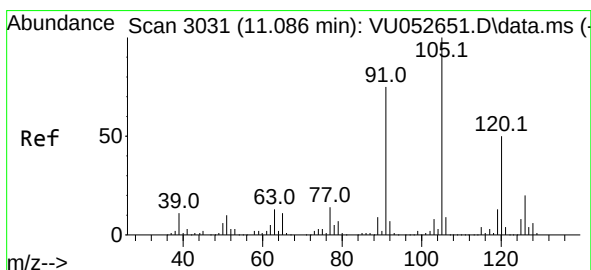
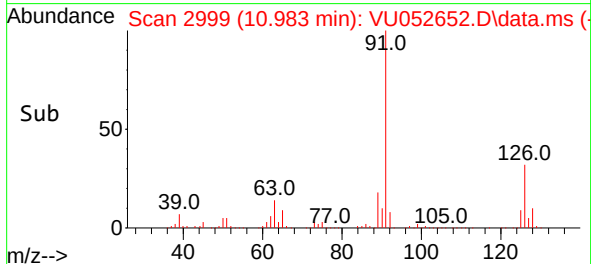
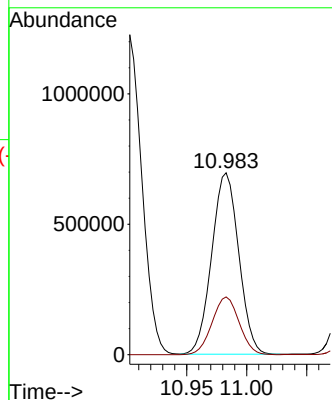
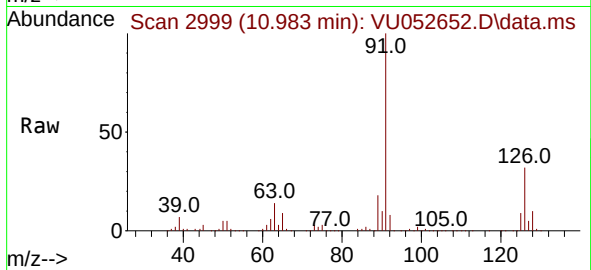
VSTDIC100

Tgt Ion: 91 Resp: 1089744

Ion Ratio Lower Upper

91 100

126 31.9 18.4 55.0



#80

1,3,5-Trimethylbenzene

Concen: 99.726 ug/l

RT: 11.086 min Scan# 3031

Delta R.T. 0.000 min

Lab File: VU052652.D

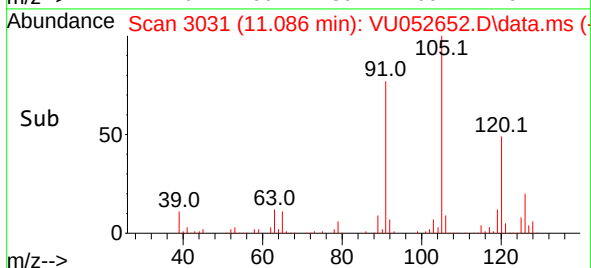
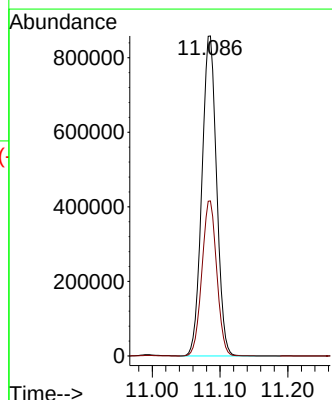
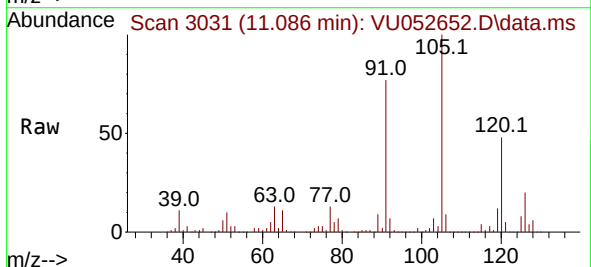
Acq: 11 Jan 2023 15:40

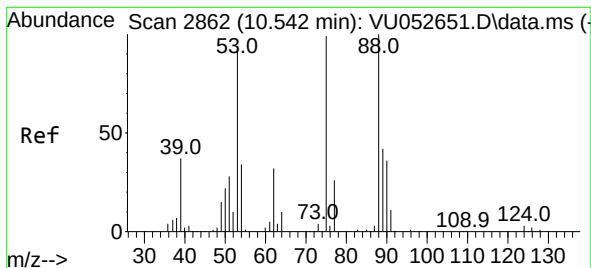
Tgt Ion:105 Resp: 1293138

Ion Ratio Lower Upper

105 100

120 48.8 25.3 75.9

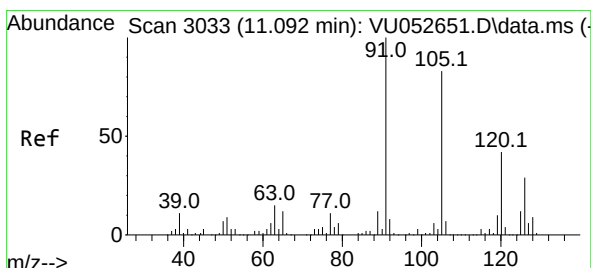
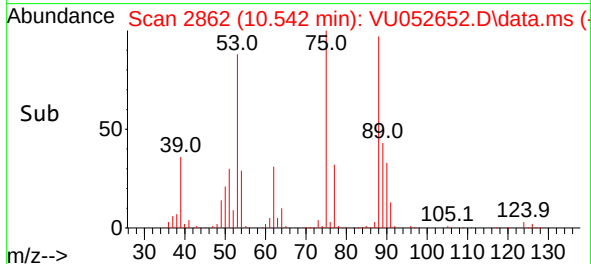
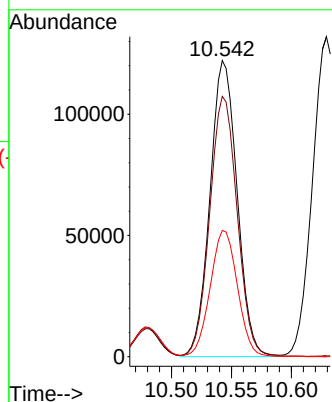
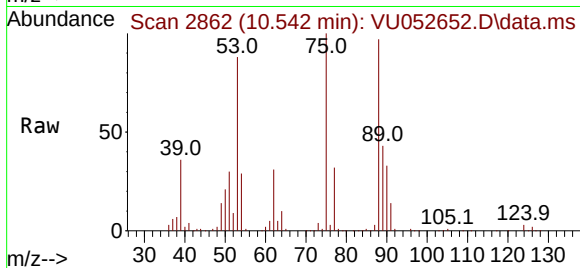




#81
trans-1,4-Dichloro-2-butene
Concen: 101.978 ug/l
RT: 10.542 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

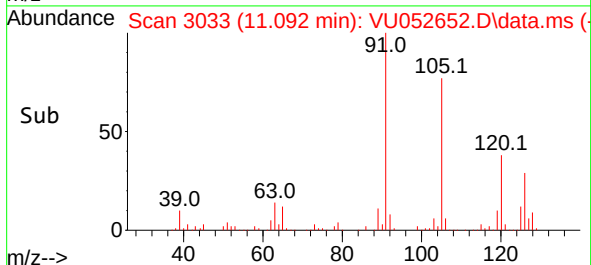
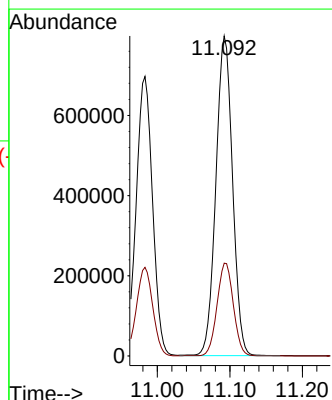
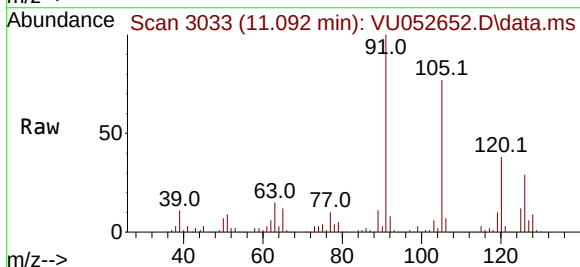
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

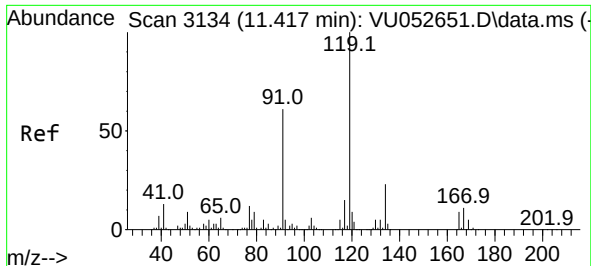
Tgt Ion: 75 Resp: 191841
Ion Ratio Lower Upper
75 100
53 88.9 69.2 103.8
89 42.8 37.0 55.6



#82
4-Chlorotoluene
Concen: 100.769 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

Tgt Ion: 91 Resp: 1271297
Ion Ratio Lower Upper
91 100
126 28.4 16.1 48.2

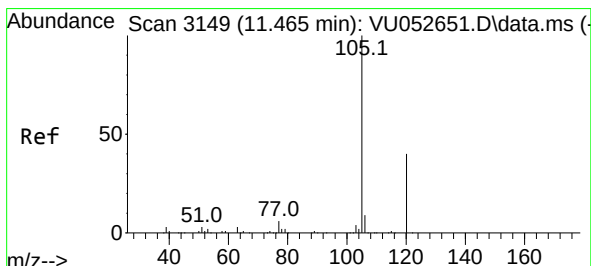
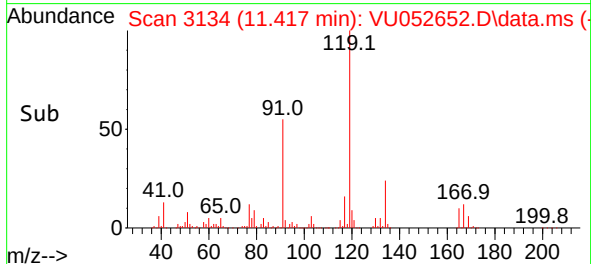
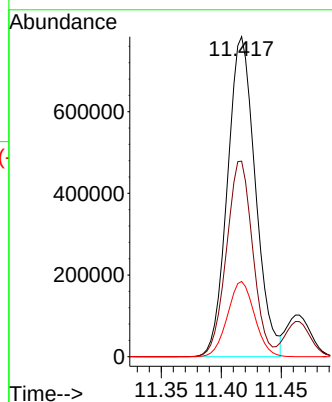
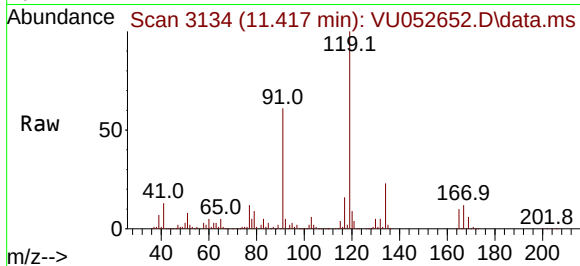




#83
tert-Butylbenzene
Concen: 100.002 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

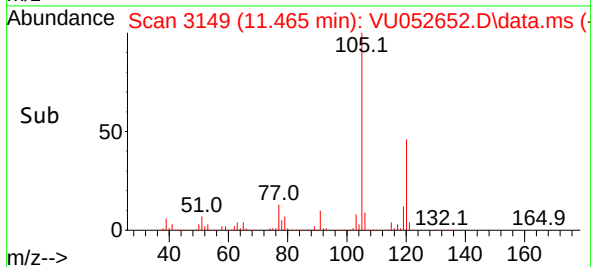
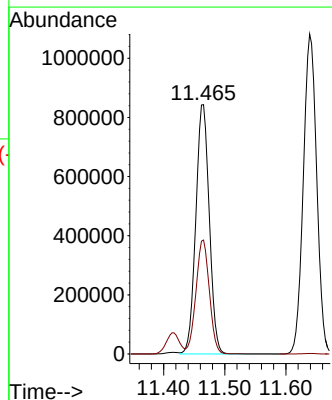
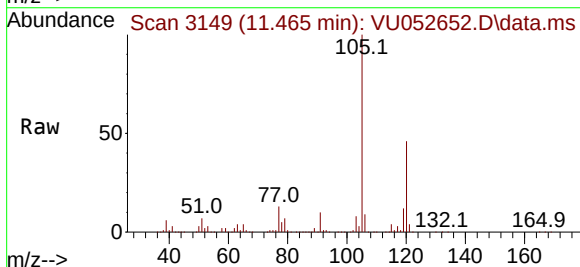
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

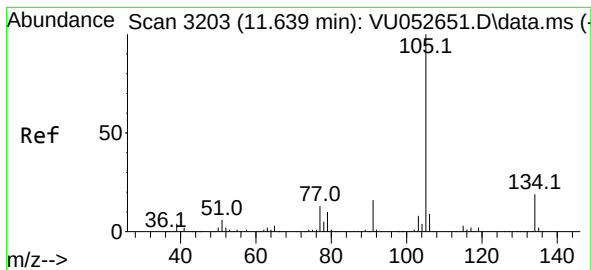
Tgt Ion:119 Resp: 1272134
Ion Ratio Lower Upper
119 100
91 57.4 26.8 80.3
134 22.7 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 101.430 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

Tgt Ion:105 Resp: 1291386
Ion Ratio Lower Upper
105 100
120 45.3 23.4 70.3





#85

sec-Butylbenzene

Concen: 102.163 ug/l

RT: 11.639 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

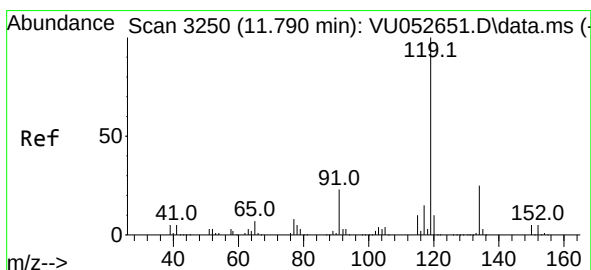
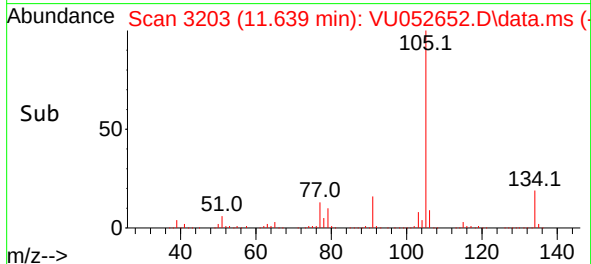
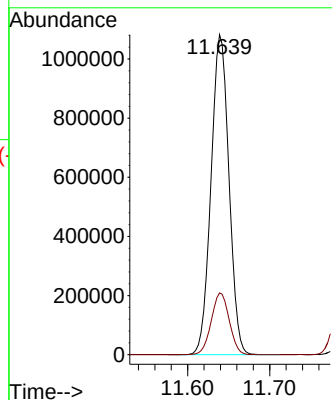
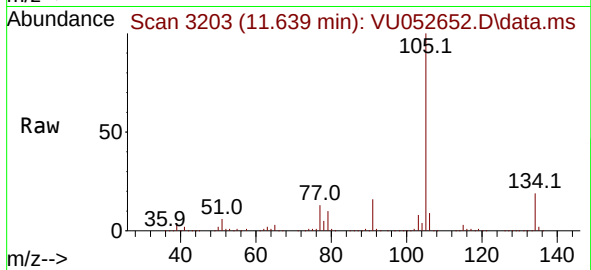
VSTDIC100

Tgt Ion:105 Resp: 1641772

Ion Ratio Lower Upper

105 100

134 19.4 10.4 31.1



#86

p-Isopropyltoluene

Concen: 105.263 ug/l

RT: 11.790 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

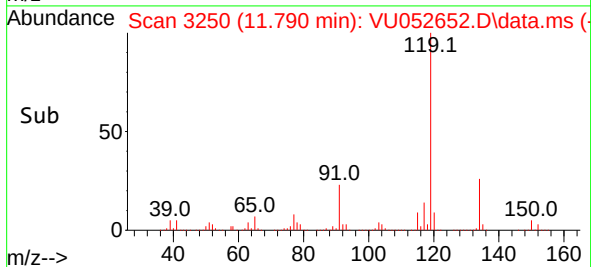
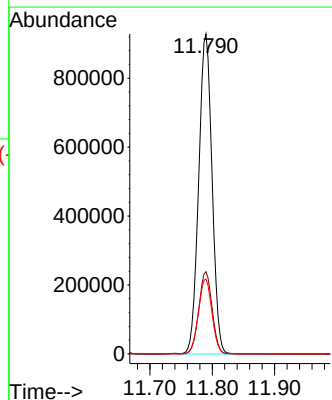
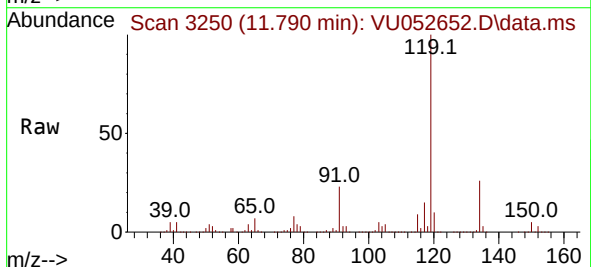
Tgt Ion:119 Resp: 1376766

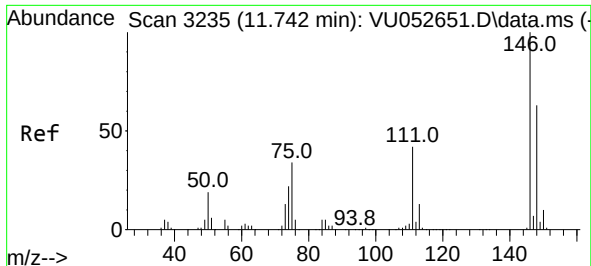
Ion Ratio Lower Upper

119 100

134 25.7 13.5 40.4

91 23.6 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 98.425 ug/l

RT: 11.742 min Scan# 3235

Delta R.T. 0.000 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

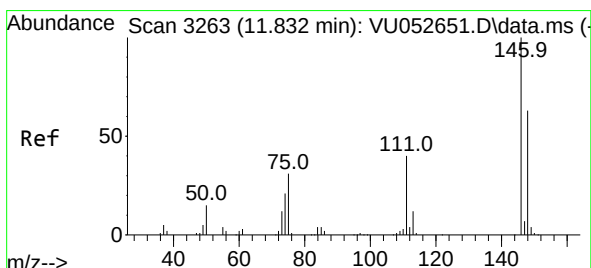
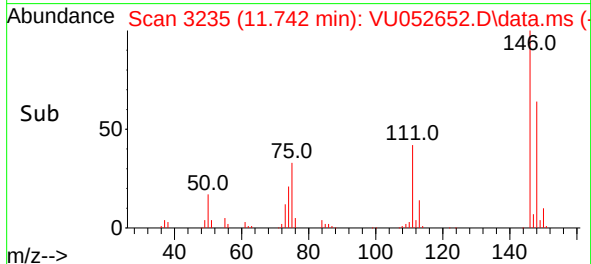
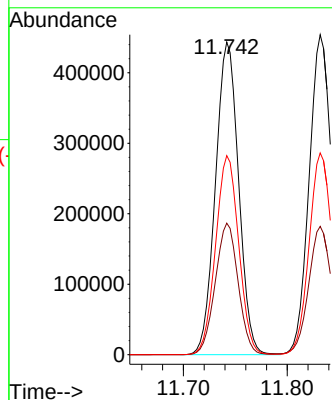
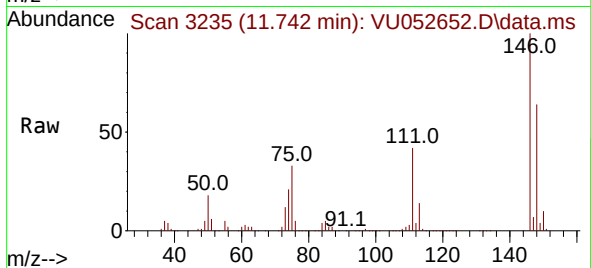
Tgt Ion:146 Resp: 687307

Ion Ratio Lower Upper

146 100

111 41.5 18.9 56.5

148 63.7 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 98.636 ug/l

RT: 11.832 min Scan# 3263

Delta R.T. 0.000 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

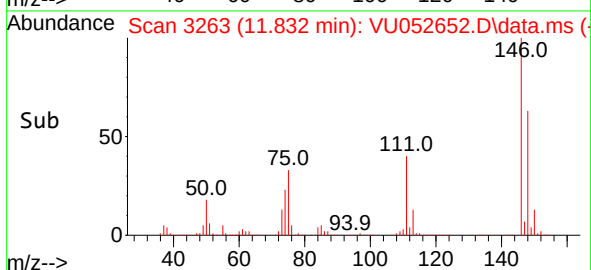
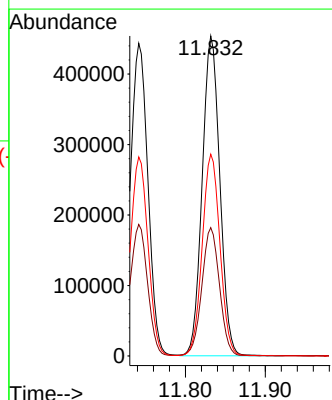
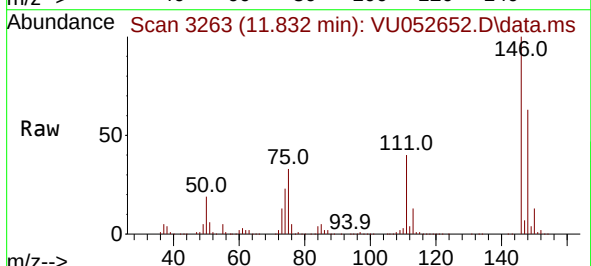
Tgt Ion:146 Resp: 697735

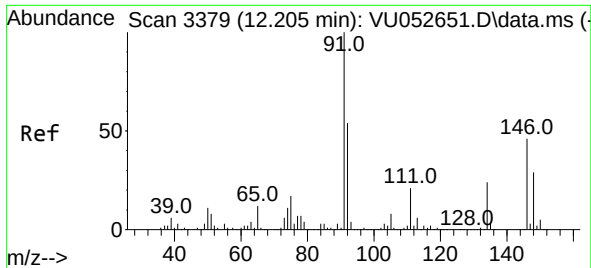
Ion Ratio Lower Upper

146 100

111 40.1 18.5 55.5

148 63.6 31.9 95.7

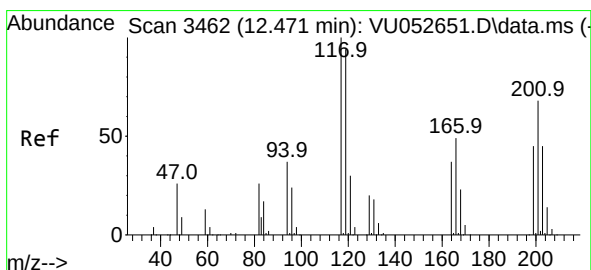
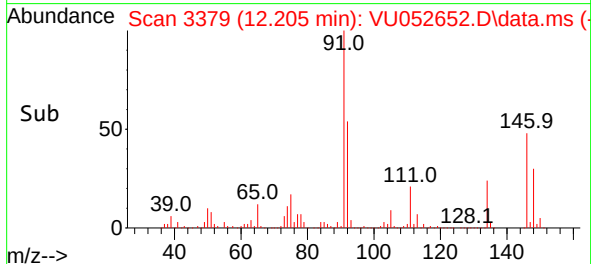
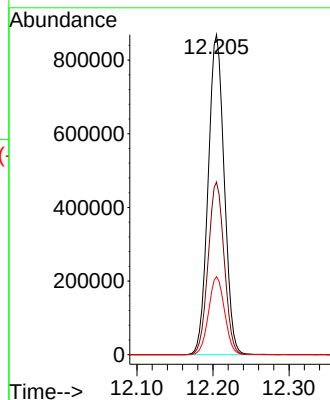
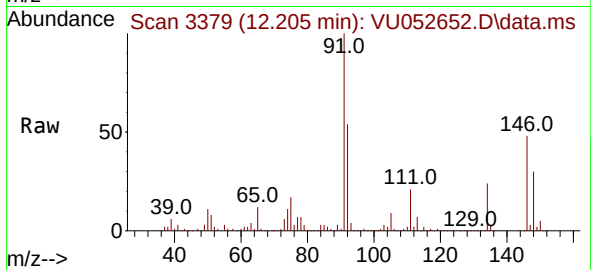




#89
n-Butylbenzene
Concen: 104.597 ug/l
RT: 12.205 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

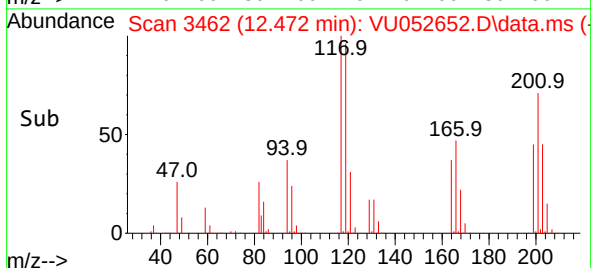
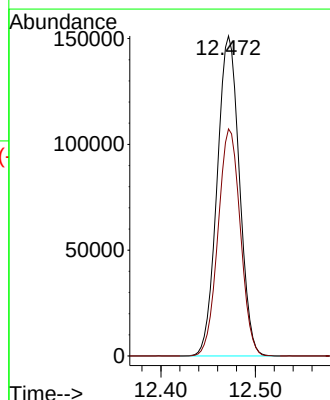
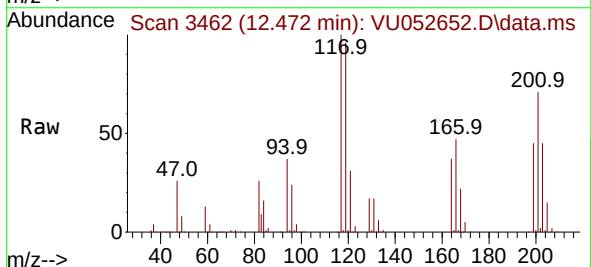
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

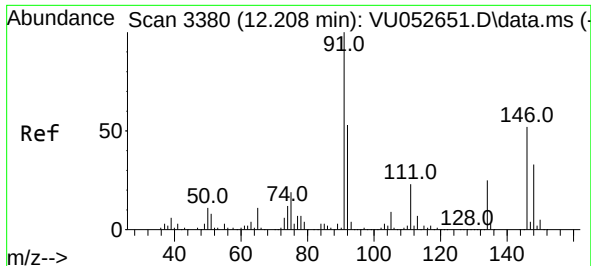
Tgt Ion: 91 Resp: 1273618
Ion Ratio Lower Upper
91 100
92 54.0 26.2 78.6
134 24.3 13.5 40.4



#90
Hexachloroethane
Concen: 96.369 ug/l
RT: 12.472 min Scan# 3462
Delta R.T. 0.000 min
Lab File: VU052652.D
Acq: 11 Jan 2023 15:40

Tgt Ion: 117 Resp: 247203
Ion Ratio Lower Upper
117 100
201 71.1 44.6 134.0

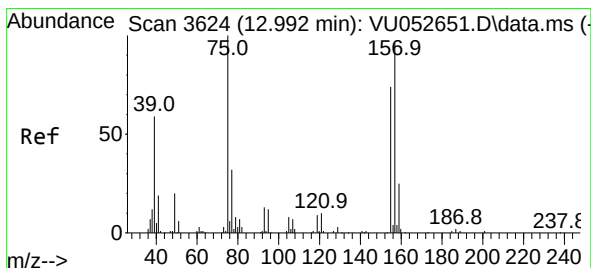
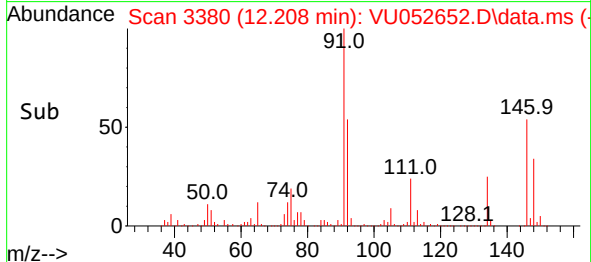
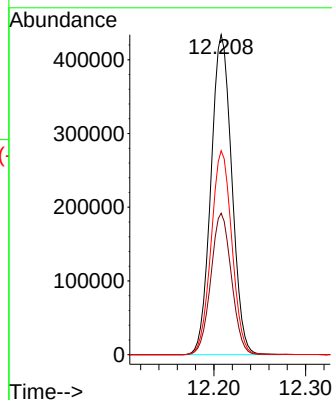
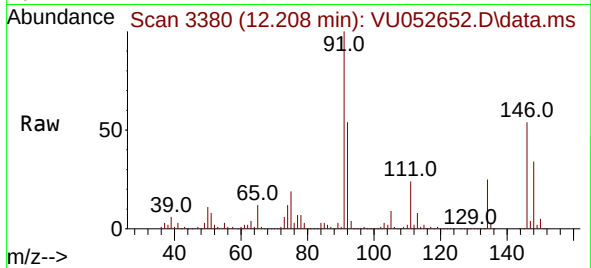




#91
 1,2-Dichlorobenzene
 Concen: 97.643 ug/l
 RT: 12.208 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VU052652.D
 Acq: 11 Jan 2023 15:40

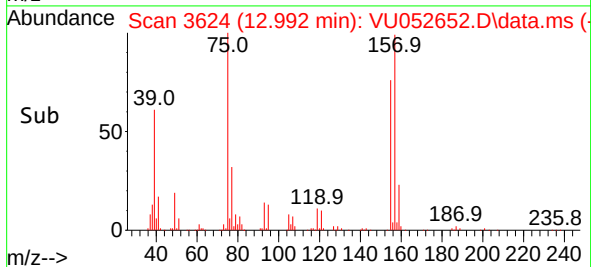
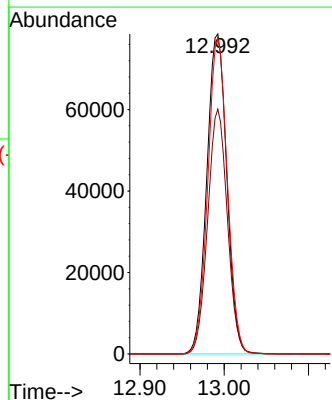
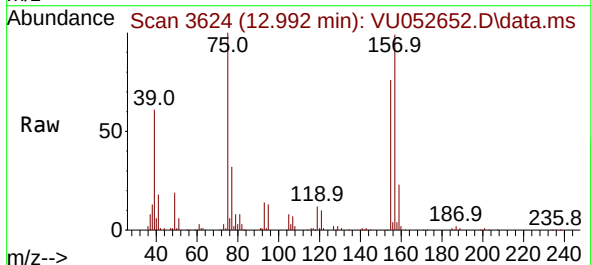
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

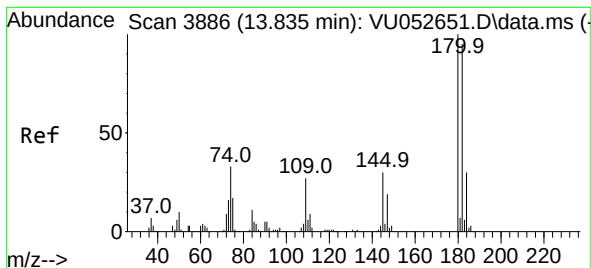
Tgt Ion:146 Resp: 684538
 Ion Ratio Lower Upper
 146 100
 111 43.8 19.9 59.6
 148 63.7 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 82.998 ug/l
 RT: 12.992 min Scan# 3624
 Delta R.T. 0.000 min
 Lab File: VU052652.D
 Acq: 11 Jan 2023 15:40

Tgt Ion: 75 Resp: 130092
 Ion Ratio Lower Upper
 75 100
 155 75.2 47.8 143.4
 157 96.4 62.2 186.5





#93

1,2,4-Trichlorobenzene

Concen: 89.720 ug/l

RT: 13.835 min Scan# 3886

Delta R.T. 0.000 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

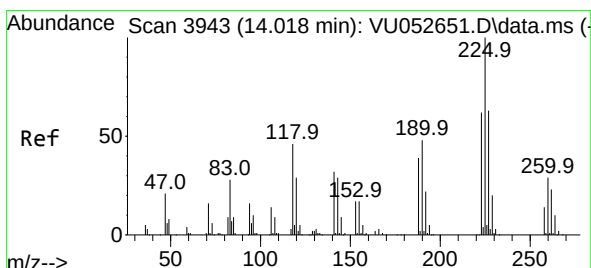
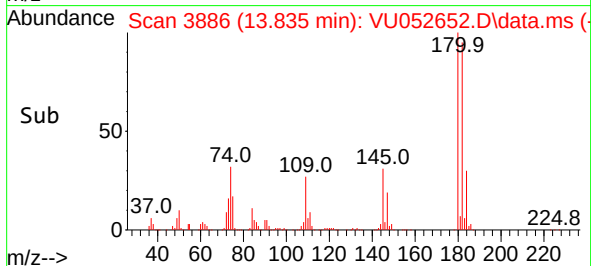
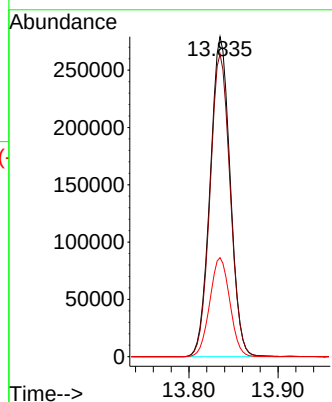
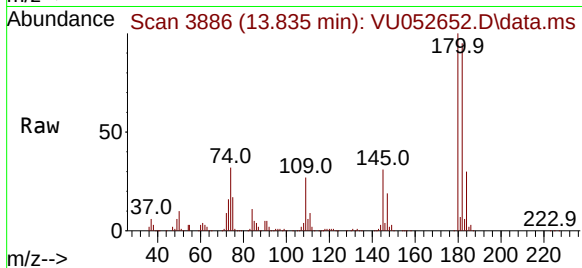
Tgt Ion:180 Resp: 435575

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.6

145 30.9 14.0 41.9



#94

Hexachlorobutadiene

Concen: 95.660 ug/l

RT: 14.015 min Scan# 3942

Delta R.T. -0.003 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

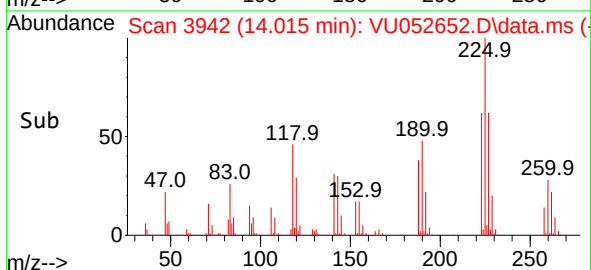
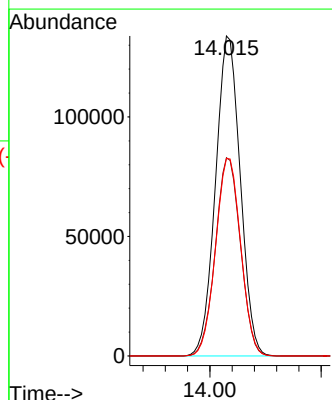
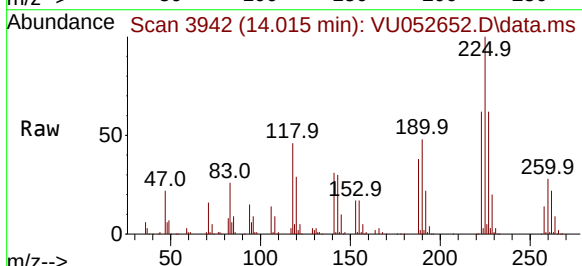
Tgt Ion:225 Resp: 206610

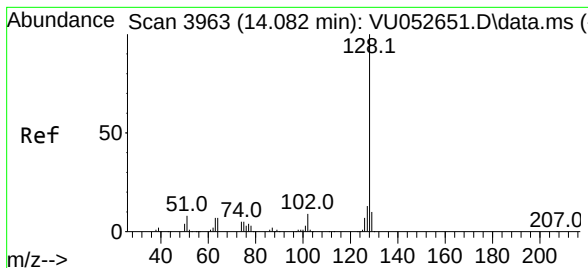
Ion Ratio Lower Upper

225 100

223 62.8 31.3 93.9

227 62.7 32.0 96.2





#95

Naphthalene

Concen: 76.211 ug/l

RT: 14.082 min Scan# 3963

Delta R.T. 0.000 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

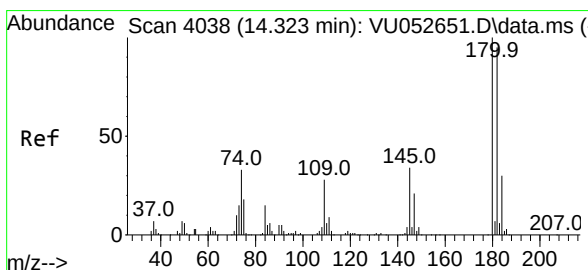
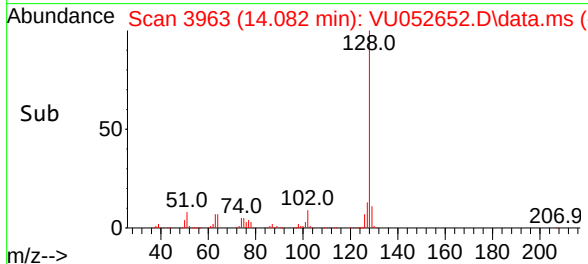
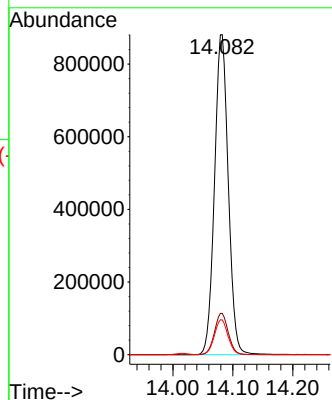
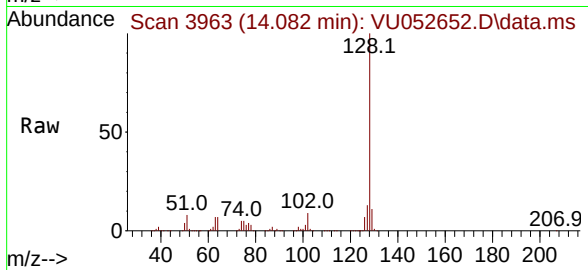
Tgt Ion:128 Resp: 1402427

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 85.232 ug/l

RT: 14.324 min Scan# 4038

Delta R.T. 0.000 min

Lab File: VU052652.D

Acq: 11 Jan 2023 15:40

Tgt Ion:180 Resp: 429858

Ion Ratio Lower Upper

180 100

182 95.1 48.4 145.0

145 32.1 14.8 44.4

