

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012323\
 Data File : VU052779.D
 Acq On : 23 Jan 2023 18:23
 Operator : JC/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 05:19:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jan 24 05:16:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	39372	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	15153	1.157	ug/l	0.00
Spiked Amount 1.000			Recovery	=	116.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	15004	1.114	ug/l	0.00
Spiked Amount 1.000			Recovery	=	111.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	98295	7.377	ug/l	99
3) Chloromethane	1.520	50	104489	8.264	ug/l	97
4) Vinyl Chloride	1.604	62	110805	9.075	ug/l	98
5) Bromomethane	1.858	94	57594	9.077	ug/l	95
6) Chloroethane	1.932	64	68741	9.361	ug/l	97
7) Trichlorofluoromethane	2.138	101	173961	9.781	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	95384	9.808	ug/l	99
9) 1,1-Dichloroethene	2.578	96	92640	10.083	ug/l	100
10) Iodomethane	2.719	142	107005	10.522	ug/l	99
11) Allyl Chloride	2.922	41	123101	11.213	ug/l	96
12) Acrylonitrile	3.318	53	97031	49.813	ug/l	97
13) Acetone	2.639	43	142719	51.661	ug/l	97
14) Carbon Disulfide	2.790	76	284949	9.258	ug/l	98
15) Methylene Chloride	3.044	84	102332	9.222	ug/l	98
16) trans-1,2-Dichloroethene	3.346	96	102573	10.035	ug/l	99
17) 1,1-Dichloroethane	3.864	63	177284	10.272	ug/l	99
18) 2-Butanone	4.716	43	156327	48.705	ug/l	98
19) Cyclohexane	5.382	56	133869	8.819	ug/l	90
20) Methylcyclohexane	6.758	83	179123	10.577	ug/l	98
21) 2,2-Dichloropropane	4.662	77	163920	10.225	ug/l	97
22) cis-1,2-Dichloroethene	4.662	96	114477	10.715	ug/l	99
23) Diethyl Ether	2.375	59	63223	9.735	ug/l	98
24) tert-Butyl Alcohol	3.237	59	14094	18.022	ug/l	# 22
25) Methyl tert-Butyl Ether	3.363	73	228720	10.853	ug/l	99
26) Bromochloromethane	4.970	128	50918	10.208	ug/l	99
27) Chloroform	5.083	83	191061	10.327	ug/l	100
28) 1,1,1-Trichloroethane	5.311	97	175439	10.268	ug/l	98
29) 1,1-Dichloropropene	5.520	75	150639	10.457	ug/l	100
30) Carbon Tetrachloride	5.517	117	165062	10.647	ug/l	99
31) Isopropyl Ether	3.993	45	261121	10.524	ug/l	# 1
33) Tert-Amyl methyl ether	5.771	73	7855	0.383	ug/l	# 1
34) Propionitrile	4.793	54	75281	102.441	ug/l	# 9
35) Benzene	5.771	78	439069	10.505	ug/l	98
36) 1,2-Dichloroethane	5.790	62	129101	10.284	ug/l	100
37) Trichloroethene	6.539	130	117204	10.286	ug/l	100
38) 1,2-Dichloropropane	6.790	63	106708	10.063	ug/l	98
39) Methacrylonitrile	4.973	41	29055	9.898	ug/l	97
40) Methyl acrylate	4.848	55	49539	9.521	ug/l	98
41) Tetrahydrofuran	5.067	42	71445	48.935	ug/l	95
42) 1-Chlorobutane	5.452	56	193027	10.482	ug/l	100
43) Dibromomethane	6.915	93	58124	10.829	ug/l	99
44) Bromodichloromethane	7.105	83	152398	10.466	ug/l	99
45) 4-Methyl-2-Pentanone	7.796	43	303989	53.896	ug/l	100

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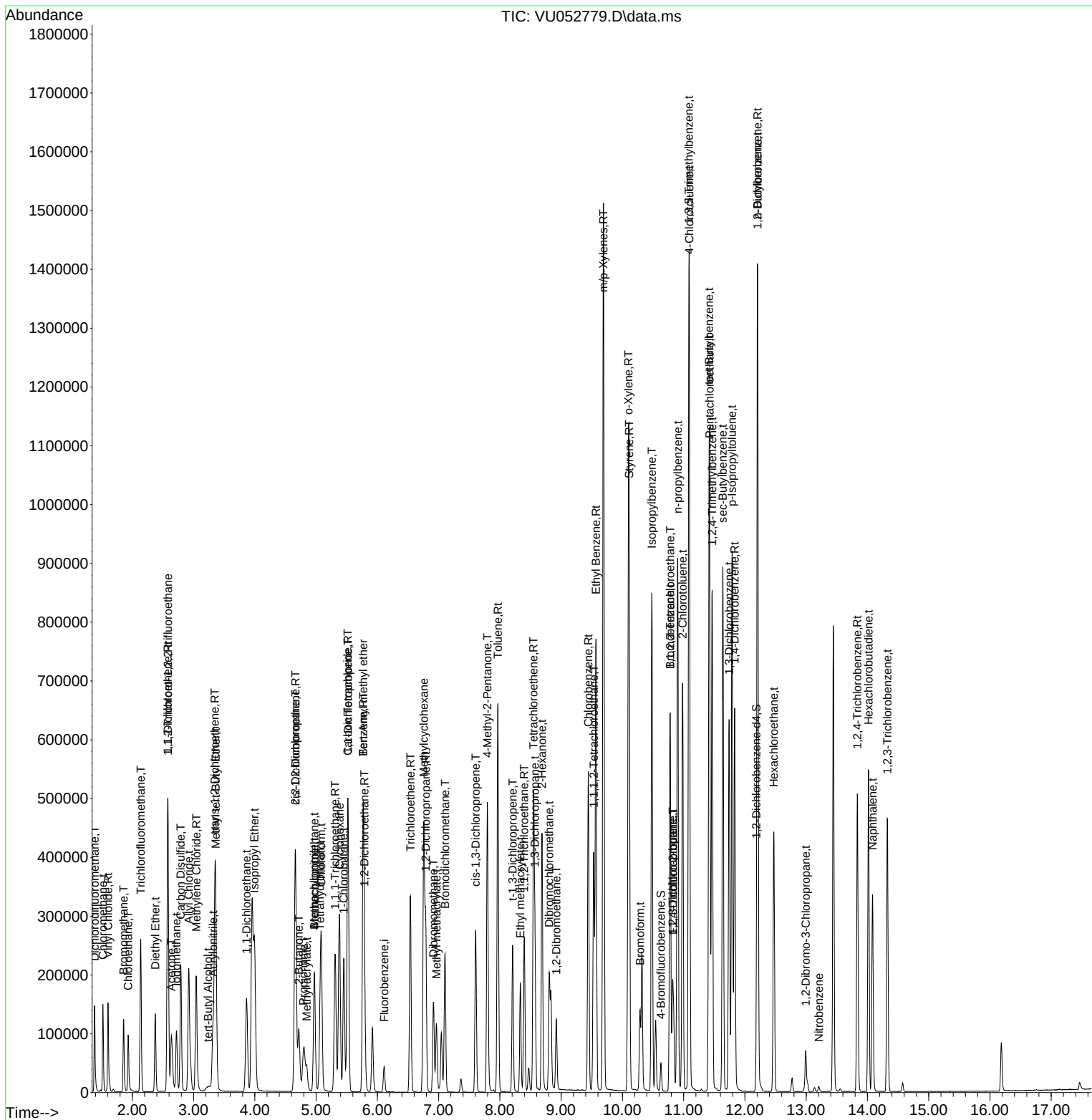
Instrument :
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 ClientSampleId :

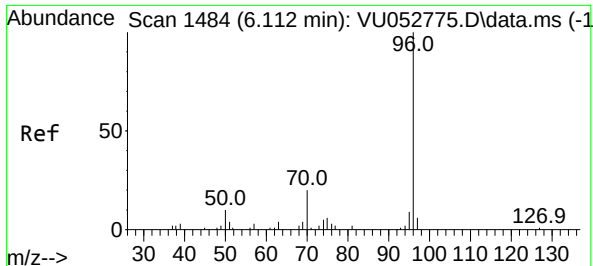
Quant Time: Jan 24 05:19:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jan 24 05:16:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) t-1,4-Dichloro-2-butene	10.822	75	99764	33.735	ug/l #	44
47) Methyl methacrylate	6.964	69	48965	10.263	ug/l	97
48) Ethyl methacrylate	8.333	69	97390	11.259	ug/l	98
49) Toluene	7.967	92	278107	10.959	ug/l	98
50) t-1,3-Dichloropropene	8.208	75	140224	11.041	ug/l	96
51) cis-1,3-Dichloropropene	7.604	75	161482	10.809	ug/l	99
52) 1,1,2-Trichloroethane	8.398	97	80184	10.505	ug/l	99
53) 1,3-Dichloropropane	8.571	76	139630	10.583	ug/l	98
54) 2-Hexanone	8.687	43	260378	52.768	ug/l	100
55) Dibromochloromethane	8.806	129	102235	10.241	ug/l	100
56) 1,2-Dibromoethane	8.922	107	77903	10.721	ug/l	98
58) Tetrachloroethene	8.549	164	110831	10.779	ug/l	99
59) Chlorobenzene	9.443	112	290581	10.521	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.533	131	114009	10.666	ug/l	99
61) Pentachloroethane	11.423	117	92495	10.562	ug/l	100
62) Hexachloroethane	12.471	117	92959	10.507	ug/l	100
63) Ethyl Benzene	9.568	91	525939	11.756	ug/l	100
64) m/p-Xylenes	9.690	106	434589	24.365	ug/l	100
65) o-Xylene	10.099	106	200150	11.629	ug/l	100
66) Styrene	10.111	104	342939	10.321	ug/l	100
67) Bromoform	10.288	173	61477	10.436	ug/l	99
69) Isopropylbenzene	10.481	105	534888	12.213	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.780	83	98162	10.317	ug/l	99
71) 1,2,3-Trichloropropane	10.822	75	99764	12.113	ug/l	86
72) Bromobenzene	10.780	156	123395	11.093	ug/l	99
73) n-propylbenzene	10.902	120	149710	10.126	ug/l	99
74) 2-Chlorotoluene	10.983	126	129649	11.719	ug/l	100
75) 1,3,5-Trimethylbenzene	11.086	105	468123	10.390	ug/l	99
76) 4-Chlorotoluene	11.092	126	133874	11.791	ug/l	98
77) tert-Butylbenzene	11.417	119	455244	11.953	ug/l	100
78) 1,2,4-Trimethylbenzene	11.465	105	462167	10.038	ug/l	100
79) sec-Butylbenzene	11.639	105	598488	10.127	ug/l	100
80) Nitrobenzene	13.208	77	5440	9.237	ug/l #	99
81) p-Isopropyltoluene	11.790	119	517310	10.086	ug/l	99
82) 1,3-Dichlorobenzene	11.742	146	258884	11.399	ug/l	99
83) 1,4-Dichlorobenzene	11.832	146	261008	11.447	ug/l	99
84) n-Butylbenzene	12.205	91	449145	9.971	ug/l	99
85) 1,2-Dichlorobenzene	12.208	146	240748	11.233	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.992	75	18543	10.522	ug/l	98
87) 1,2,4-Trichlorobenzene	13.835	180	162685	12.656	ug/l	99
88) Hexachlorobutadiene	14.018	225	100331	11.136	ug/l	99
89) Naphthalene	14.082	128	279525	11.216	ug/l	100
90) 1,2,3-Trichlorobenzene	14.327	180	150004	12.294	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

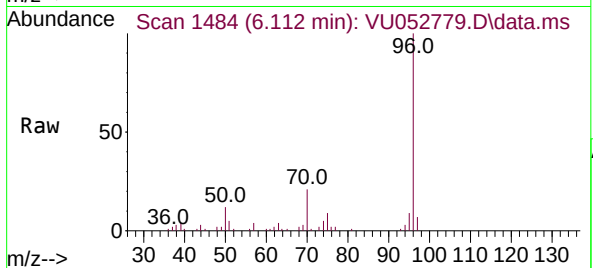
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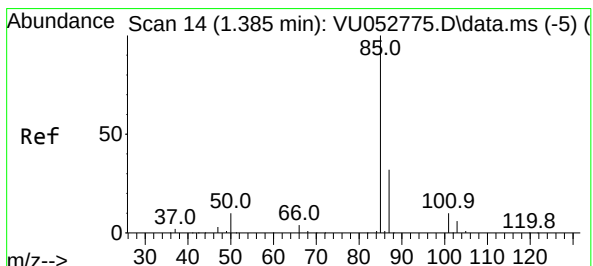
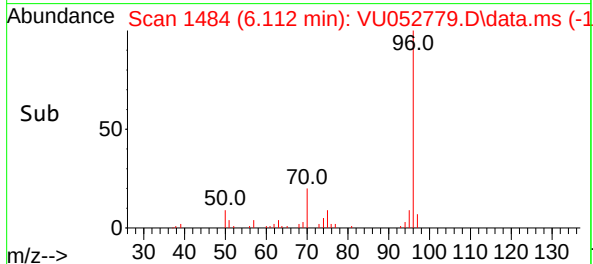
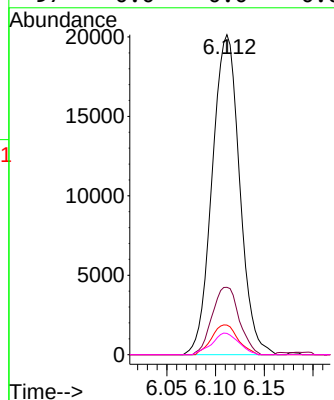


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

Instrument :
MSVOA_U
ClientSampleId :

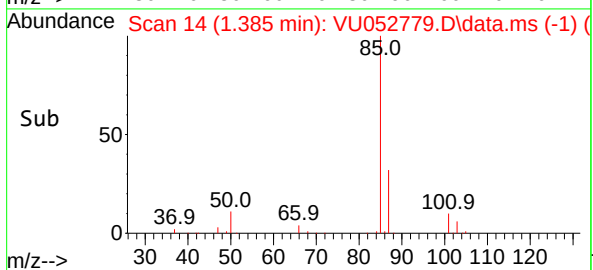
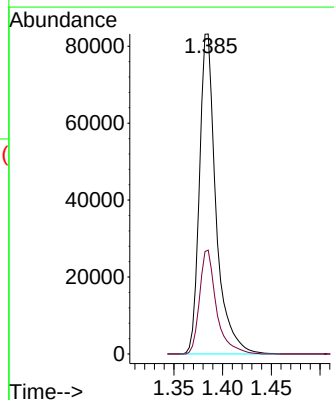
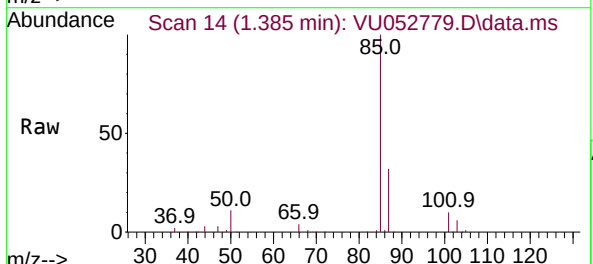


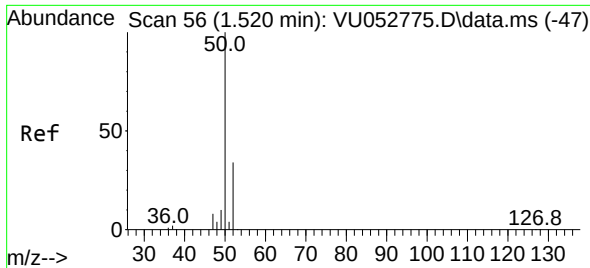
Tgt Ion: 96	Resp: 39372
Ion Ratio	Lower Upper
96 100	
70 20.8	16.2 24.4
95 8.9	7.4 11.0
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 7.377 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

Tgt Ion: 85	Resp: 98295
Ion Ratio	Lower Upper
85 100	
87 32.5	16.1 48.2

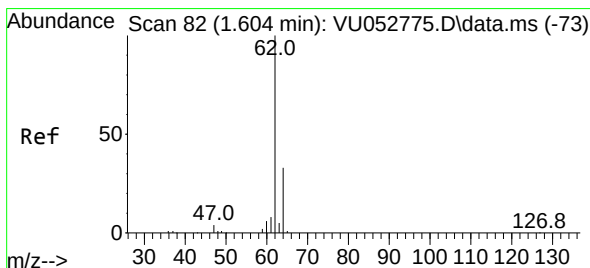
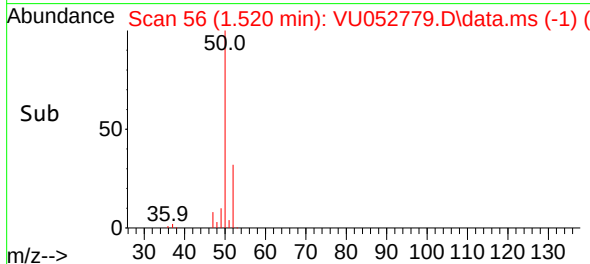
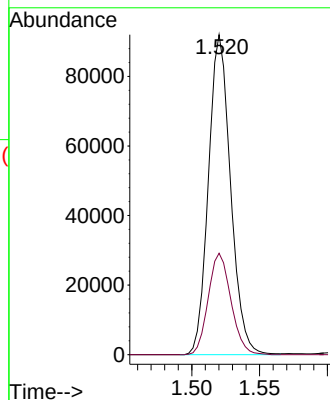
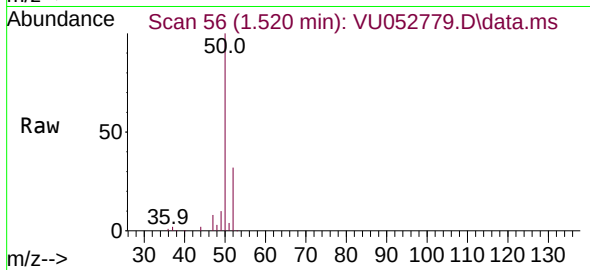




#3
Chloromethane
Concen: 8.264 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

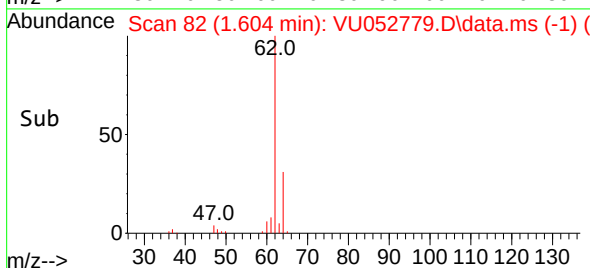
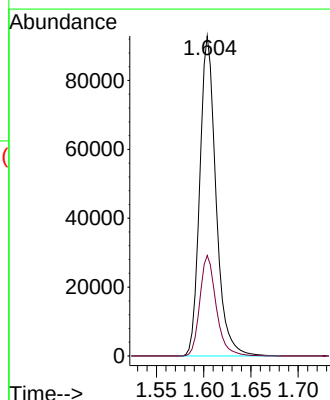
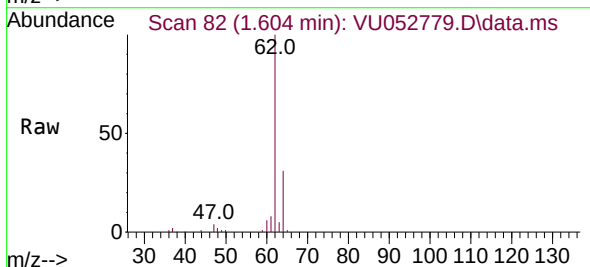
Instrument :
MSVOA_U
ClientSampleId :

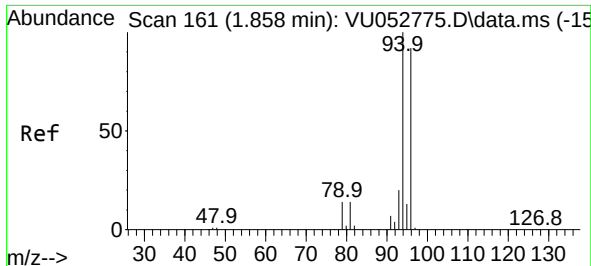
Tgt Ion: 50 Resp: 104489
Ion Ratio Lower Upper
50 100
52 31.7 26.8 40.2



#4
Vinyl Chloride
Concen: 9.075 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

Tgt Ion: 62 Resp: 110805
Ion Ratio Lower Upper
62 100
64 31.4 26.0 39.0

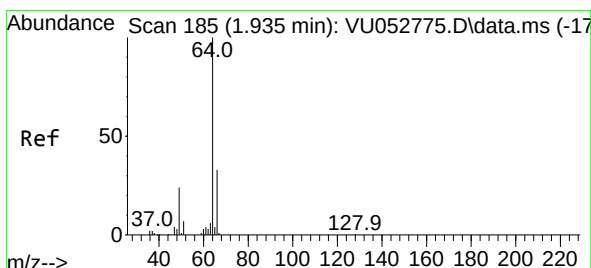
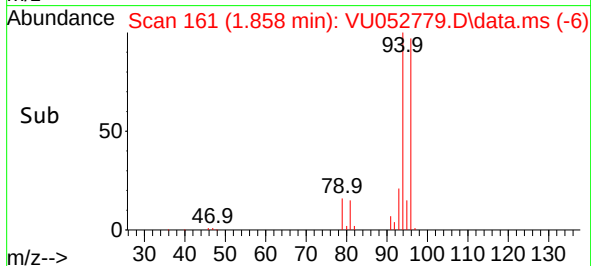
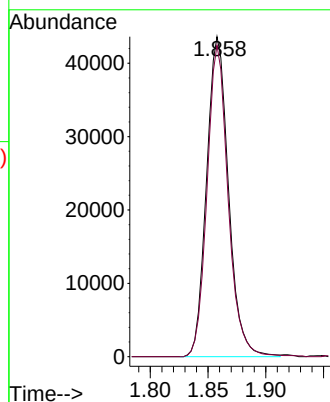
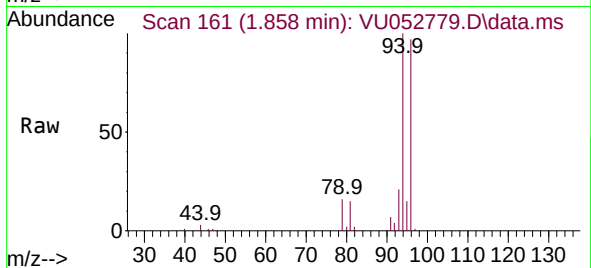




#5
Bromomethane
Concen: 9.077 ug/l
RT: 1.858 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

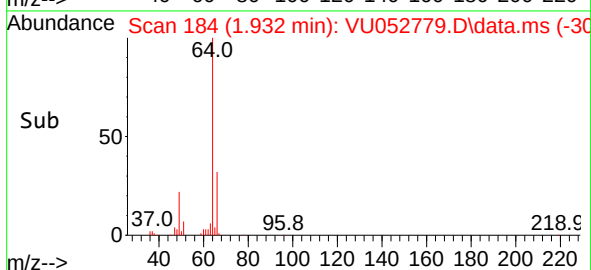
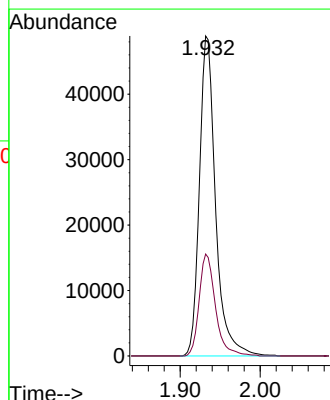
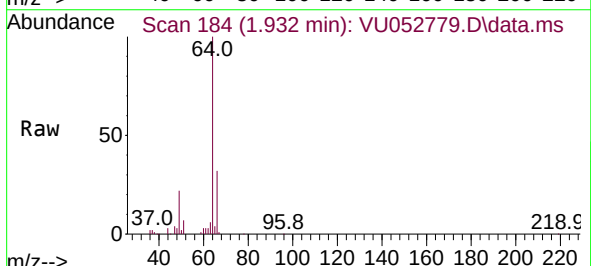
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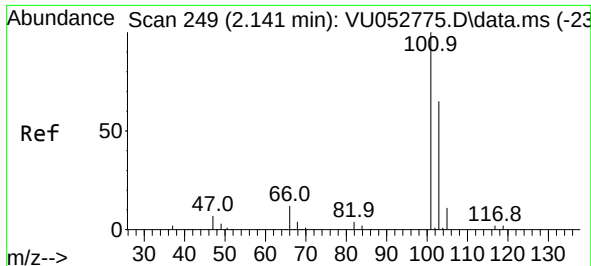
Tgt Ion: 94 Resp: 57594
Ion Ratio Lower Upper
94 100
96 97.3 73.8 110.6



#6
Chloroethane
Concen: 9.361 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

Tgt Ion: 64 Resp: 68741
Ion Ratio Lower Upper
64 100
66 31.9 26.6 40.0

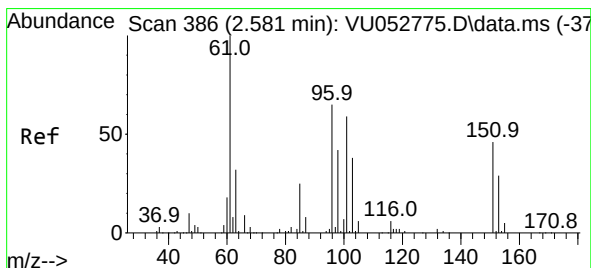
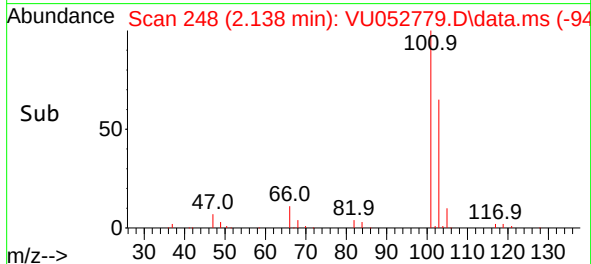
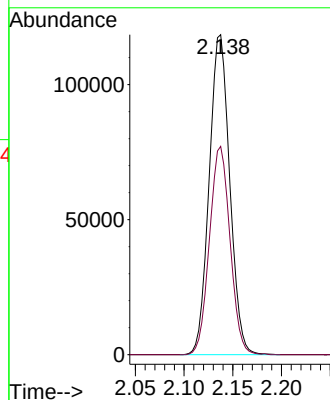
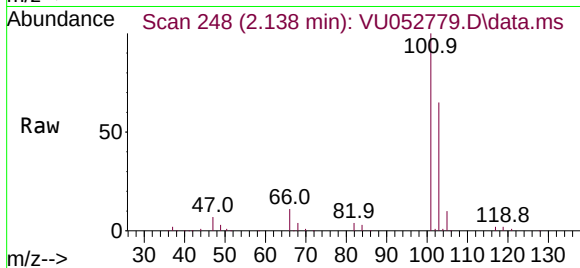




#7
Trichlorofluoromethane
Concen: 9.781 ug/l
RT: 2.138 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

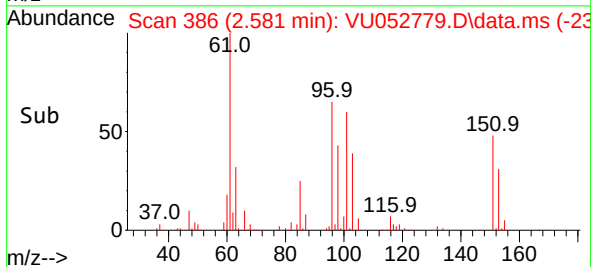
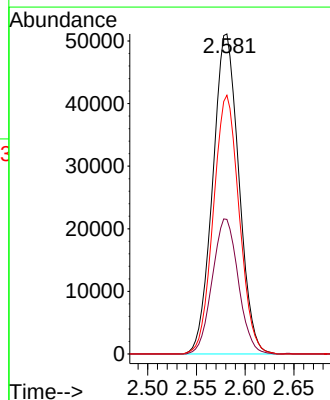
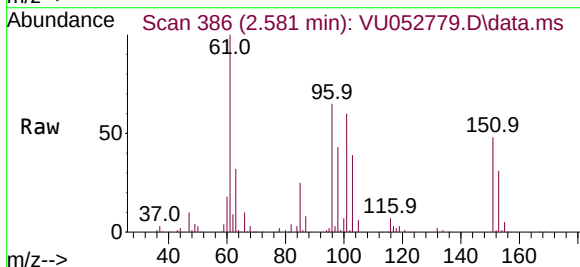
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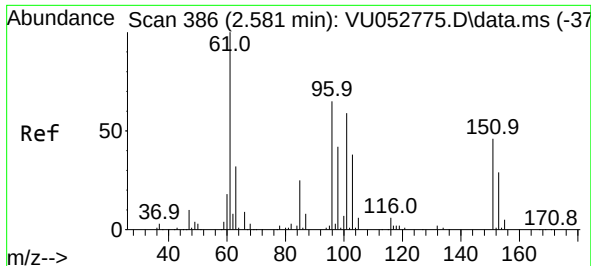
Tgt Ion:101 Resp: 173961
Ion Ratio Lower Upper
101 100
103 65.1 51.6 77.4



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.808 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

Tgt Ion:101 Resp: 95384
Ion Ratio Lower Upper
101 100
85 41.9 34.1 51.1
151 79.8 63.0 94.4

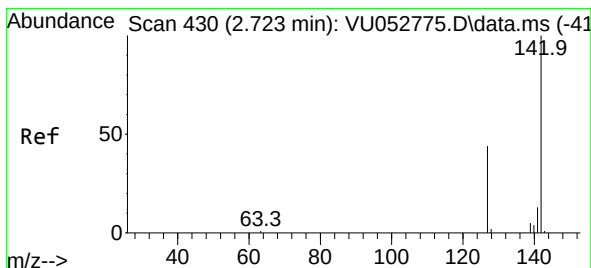
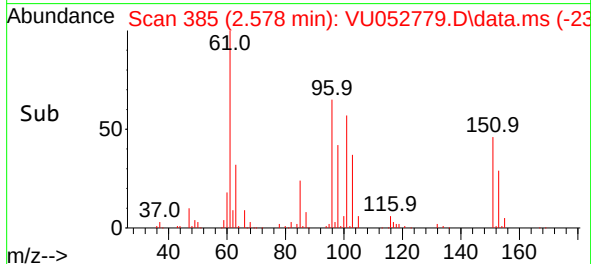
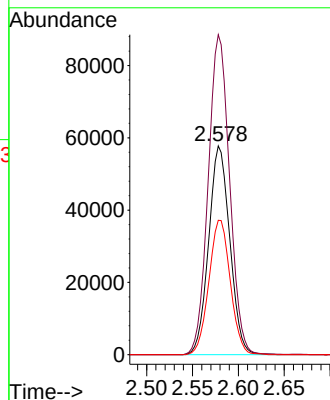
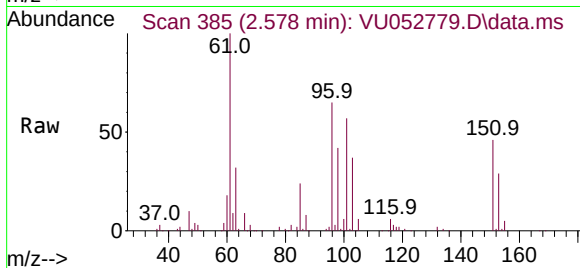




#9
1,1-Dichloroethene
Concen: 10.083 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

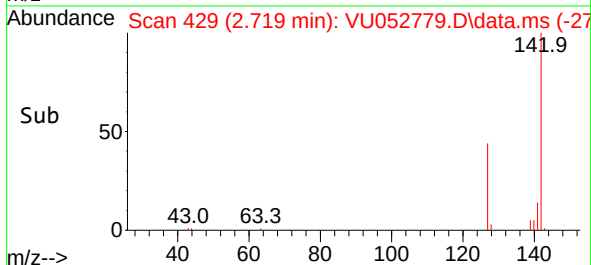
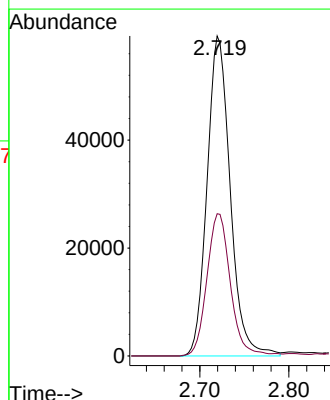
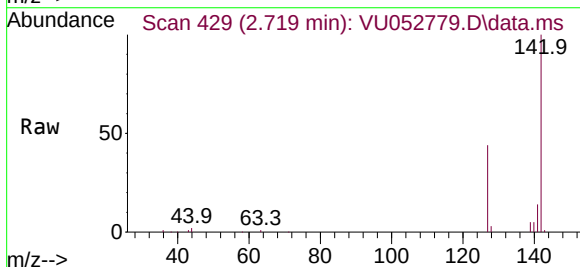
Instrument :
MSVOA_U
ClientSampleId :

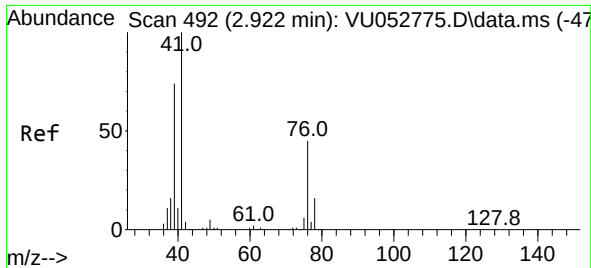
Tgt Ion: 96 Resp: 92640
Ion Ratio Lower Upper
96 100
61 153.3 0.0 460.5
98 64.4 0.0 128.0



#10
Iodomethane
Concen: 10.522 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.003 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

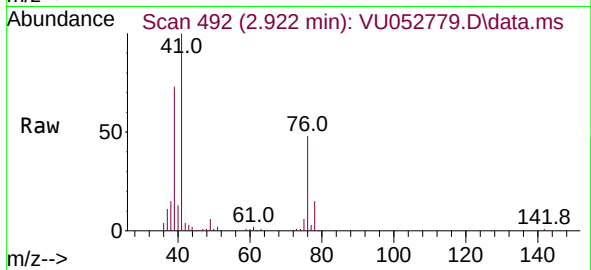
Tgt Ion:142 Resp: 107005
Ion Ratio Lower Upper
142 100
127 44.9 35.4 53.0



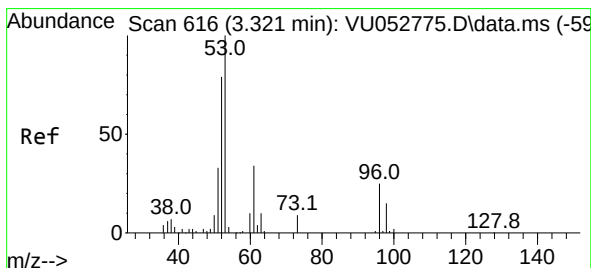
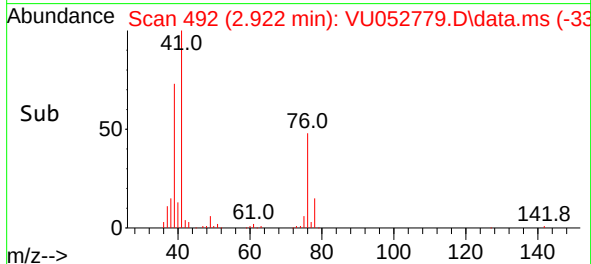
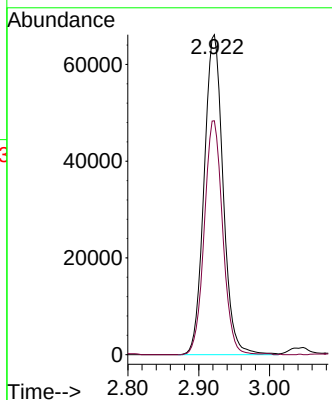


#11
 Allyl Chloride
 Concen: 11.213 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: VU052779.D
 Acq: 23 Jan 2023 18:23

Instrument :
 MSVOA_U
 ClientSampleId :

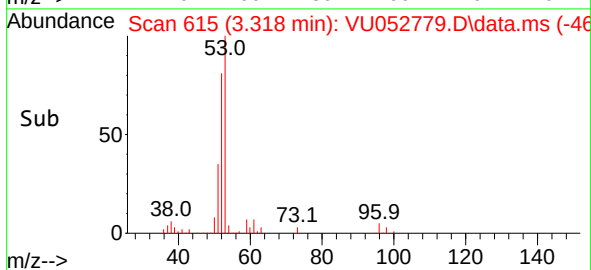
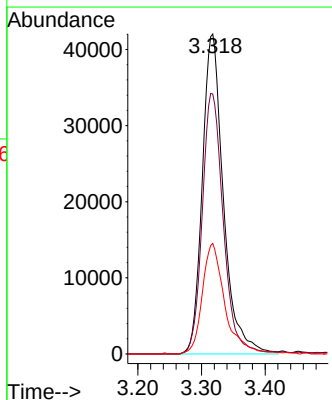
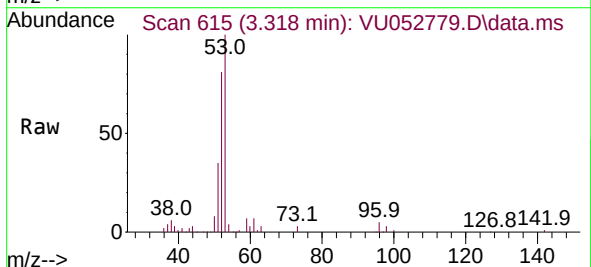


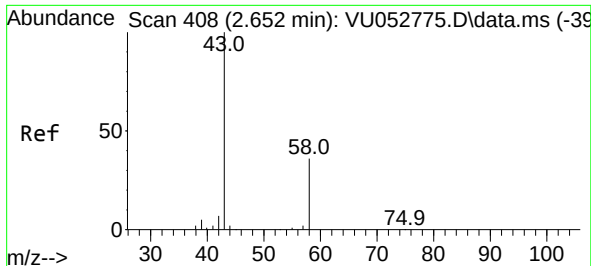
Tgt Ion: 41 Resp: 123101
 Ion Ratio Lower Upper
 41 100
 39 70.8 59.3 88.9



#12
 Acrylonitrile
 Concen: 49.813 ug/l
 RT: 3.318 min Scan# 615
 Delta R.T. -0.003 min
 Lab File: VU052779.D
 Acq: 23 Jan 2023 18:23

Tgt Ion: 53 Resp: 97031
 Ion Ratio Lower Upper
 53 100
 52 80.7 63.0 94.4
 51 36.8 31.3 46.9





#13

Acetone

Concen: 51.661 ug/l

RT: 2.639 min Scan# 408

Delta R.T. -0.013 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

Instrument :

MSVOA_U

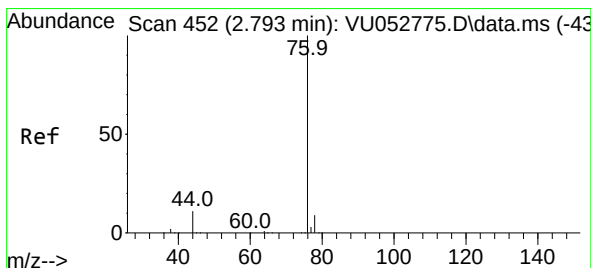
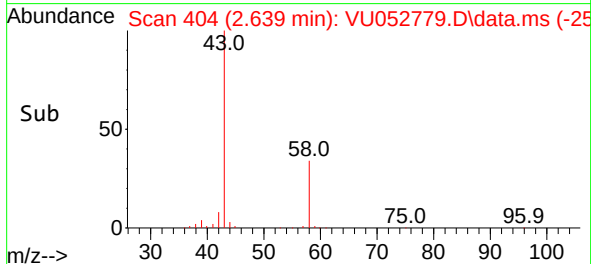
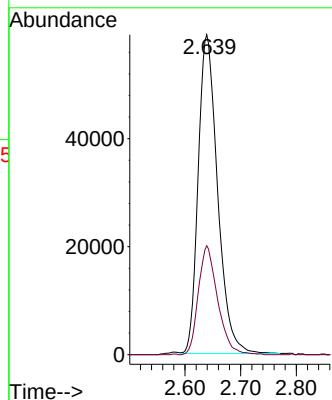
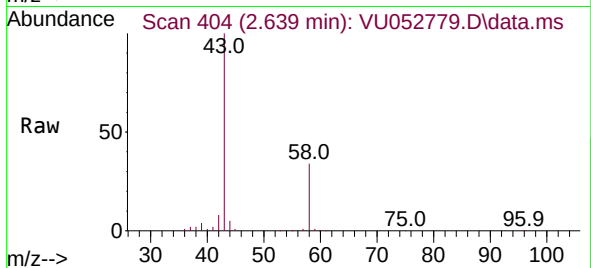
ClientSampleId :

Tgt Ion: 43 Resp: 142719

Ion Ratio Lower Upper

43 100

58 34.2 29.0 43.4



#14

Carbon Disulfide

Concen: 9.258 ug/l

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU052779.D

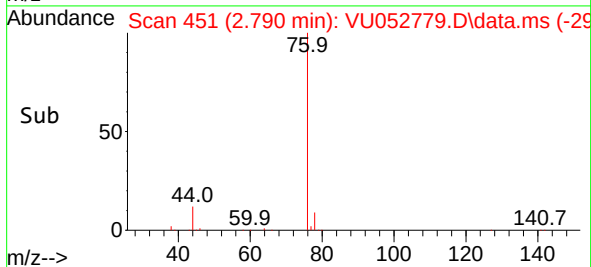
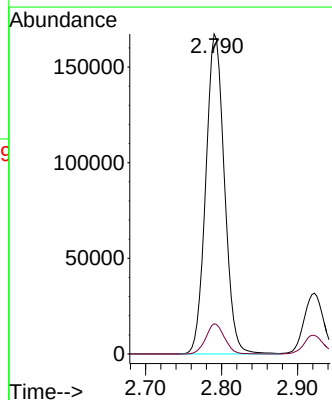
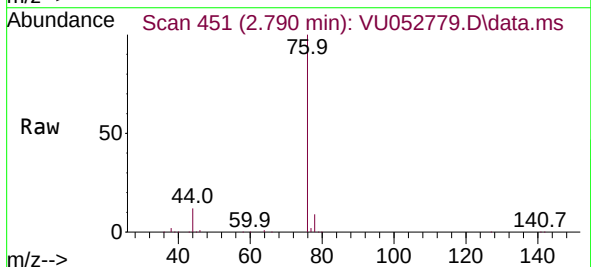
Acq: 23 Jan 2023 18:23

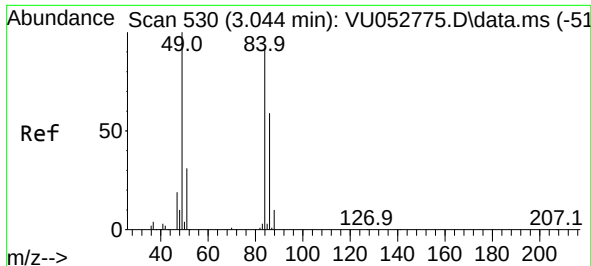
Tgt Ion: 76 Resp: 284949

Ion Ratio Lower Upper

76 100

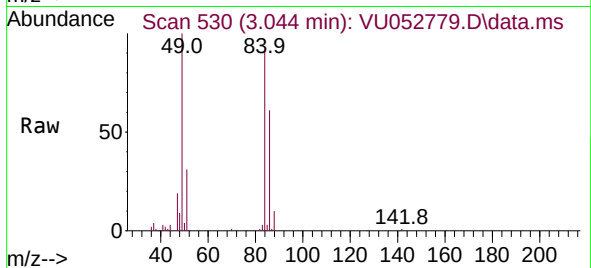
78 9.5 7.1 10.7





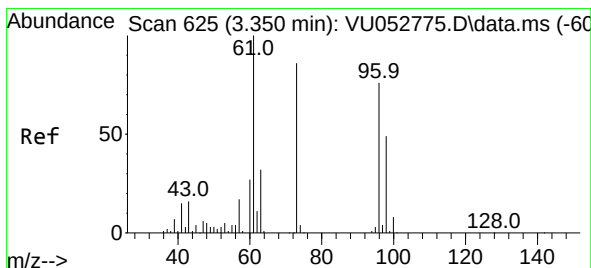
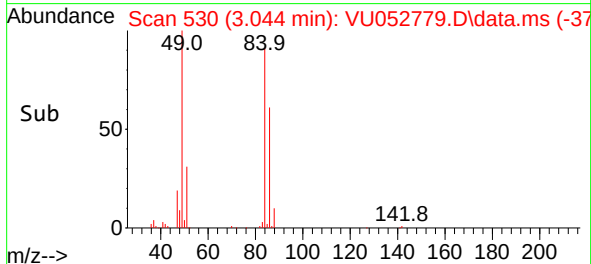
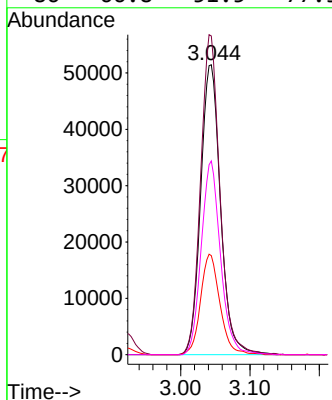
#15
Methylene Chloride
Concen: 9.222 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 102332

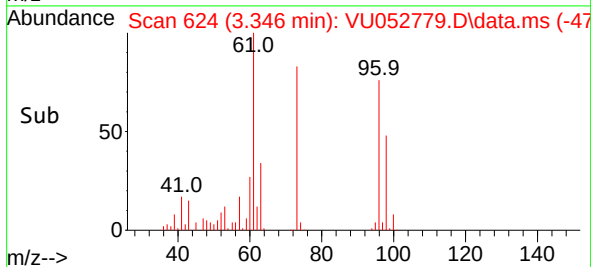
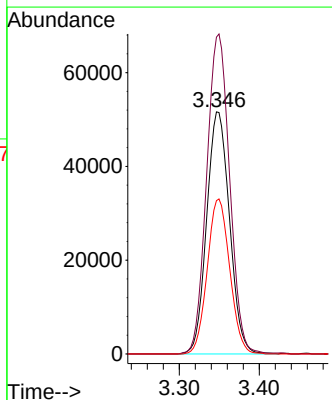
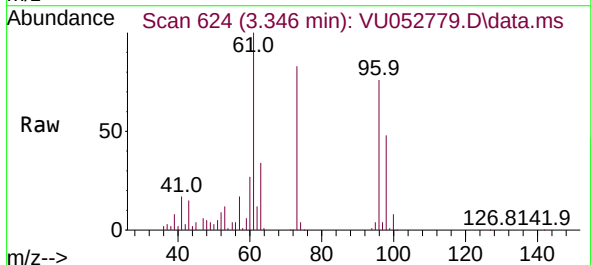
Ion	Ratio	Lower	Upper
84	100		
49	109.9	86.7	130.1
51	34.2	0.0	66.8
86	66.8	51.5	77.3

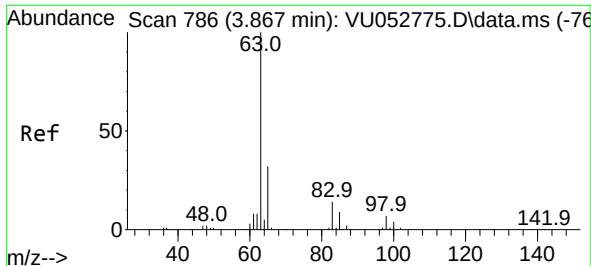


#16
trans-1,2-Dichloroethene
Concen: 10.035 ug/l
RT: 3.346 min Scan# 624
Delta R.T. -0.003 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

Tgt Ion: 96 Resp: 102573

Ion	Ratio	Lower	Upper
96	100		
61	130.9	105.7	158.5
98	63.3	51.4	77.2

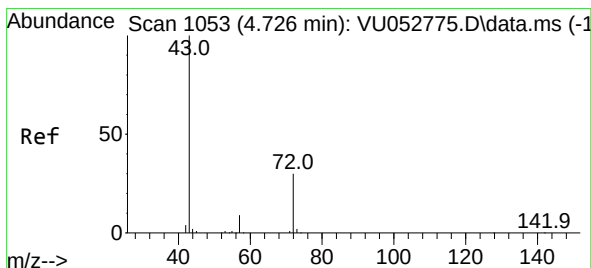
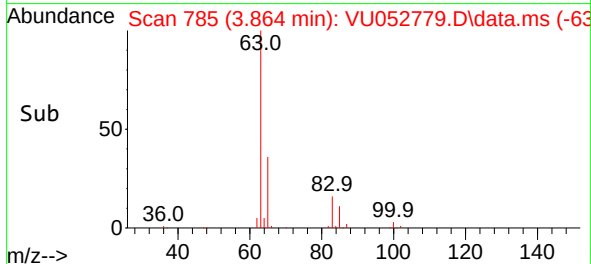
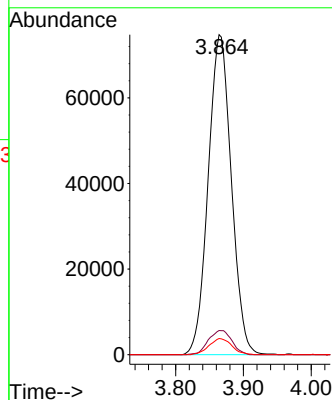
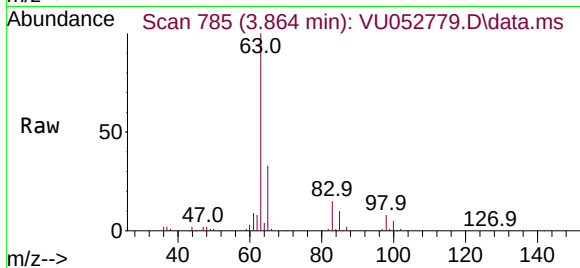




#17
1,1-Dichloroethane
Concen: 10.272 ug/l
RT: 3.864 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

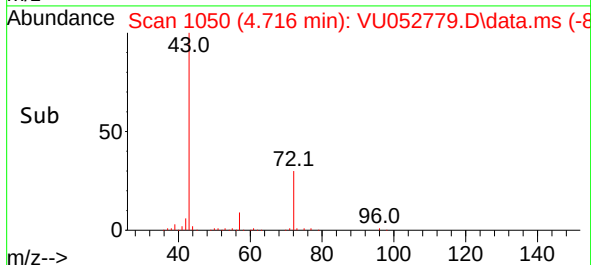
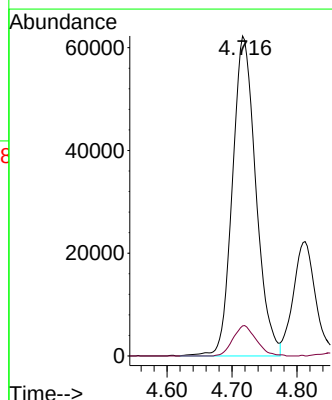
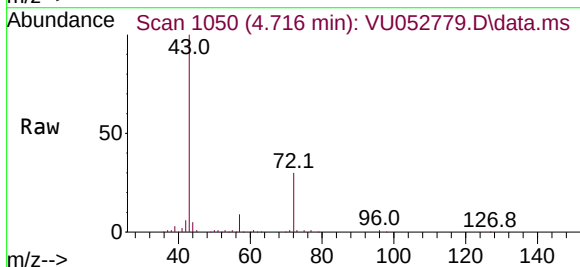
Instrument :
MSVOA_U
ClientSampleId :

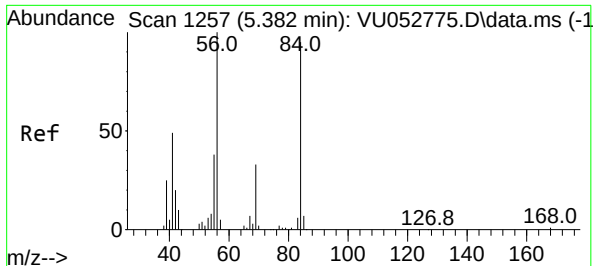
Tgt Ion: 63 Resp: 177284
Ion Ratio Lower Upper
63 100
98 7.5 3.8 11.2
100 5.0 2.2 6.6



#18
2-Butanone
Concen: 48.705 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. -0.010 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

Tgt Ion: 43 Resp: 156327
Ion Ratio Lower Upper
43 100
57 9.4 0.0 17.4





#19

Cyclohexane

Concen: 8.819 ug/l

RT: 5.382 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

Instrument :

MSVOA_U

ClientSampleId :

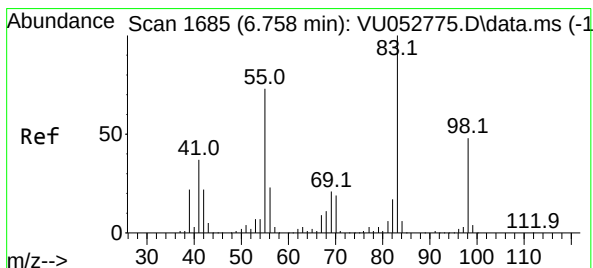
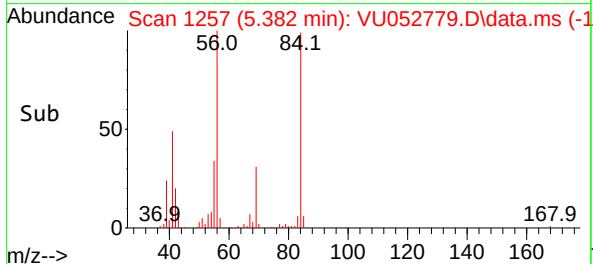
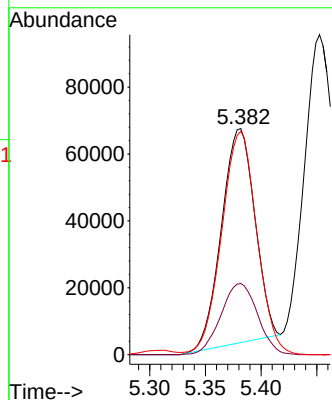
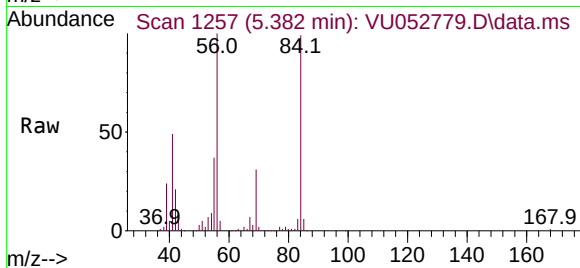
Tgt Ion: 56 Resp: 133869

Ion Ratio Lower Upper

56 100

69 36.4 26.8 40.2

84 107.8 77.0 115.6



#20

Methylcyclohexane

Concen: 10.577 ug/l

RT: 6.758 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

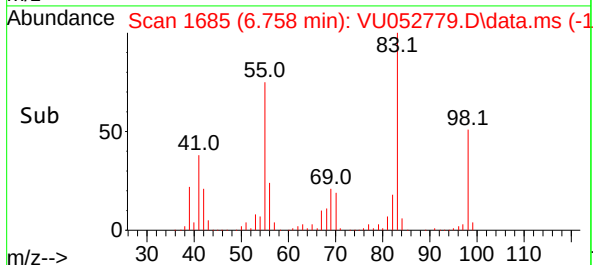
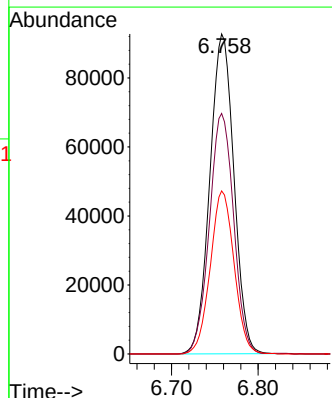
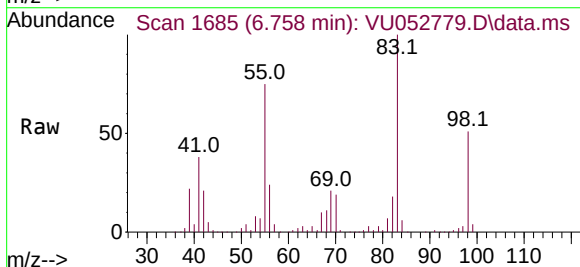
Tgt Ion: 83 Resp: 179123

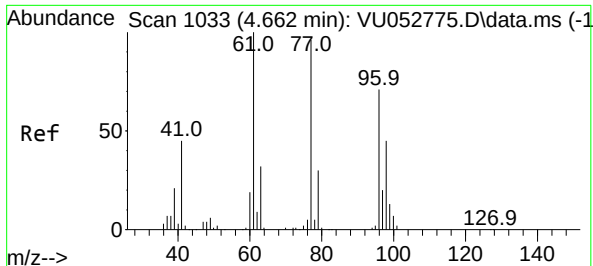
Ion Ratio Lower Upper

83 100

55 75.7 58.7 88.1

98 50.5 39.4 59.2





#21

2,2-Dichloropropane

Concen: 10.225 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

Instrument :

MSVOA_U

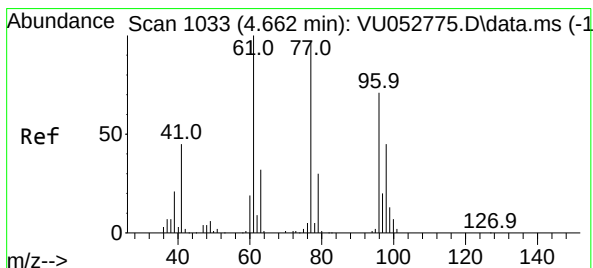
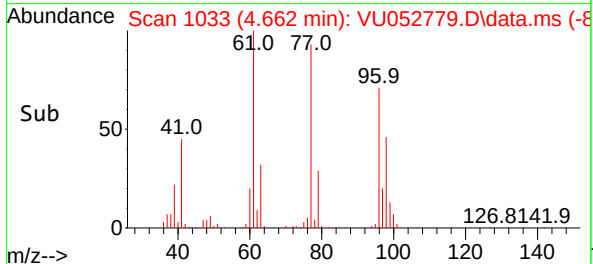
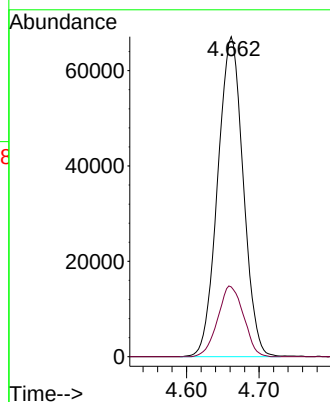
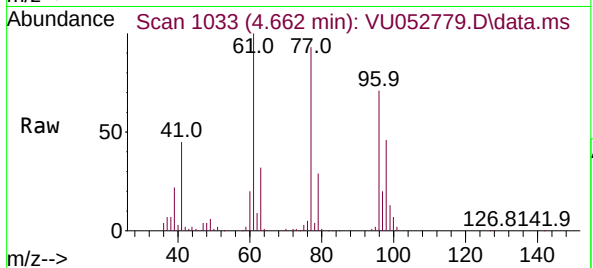
ClientSampleId :

Tgt Ion: 77 Resp: 163920

Ion Ratio Lower Upper

77 100

97 22.3 16.8 25.2



#22

cis-1,2-Dichloroethene

Concen: 10.715 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

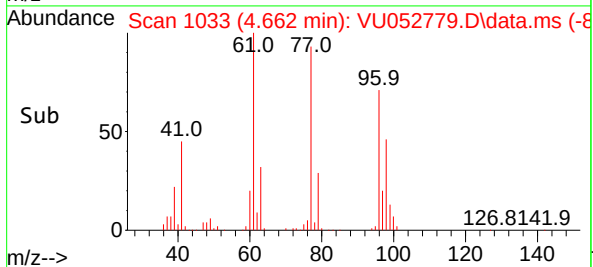
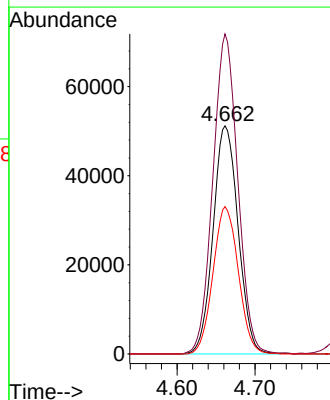
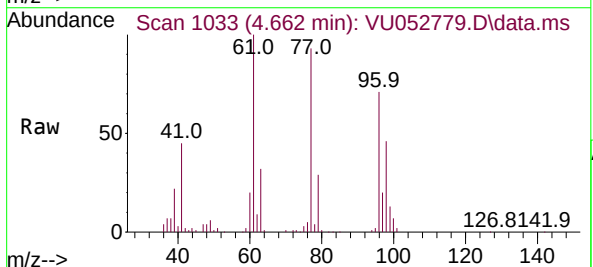
Tgt Ion: 96 Resp: 114477

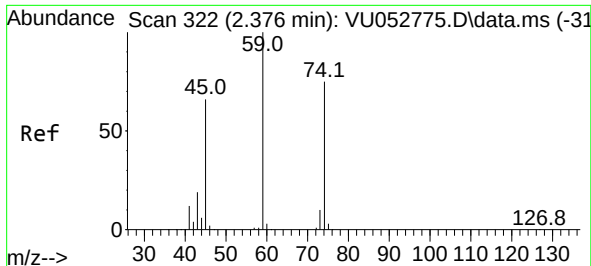
Ion Ratio Lower Upper

96 100

61 139.6 0.0 353.3

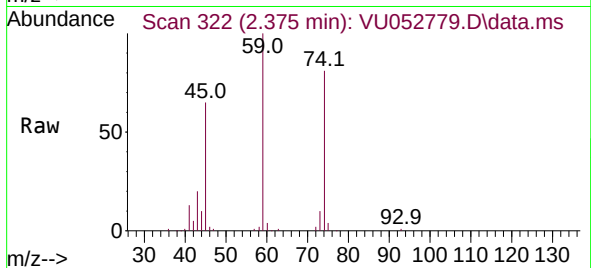
98 65.3 32.6 97.7



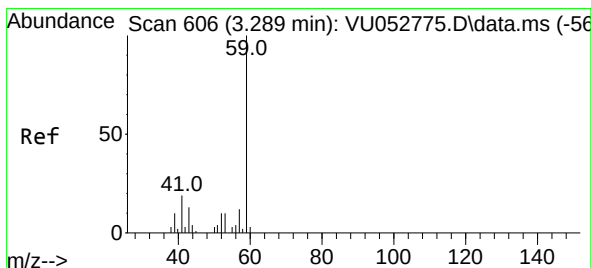
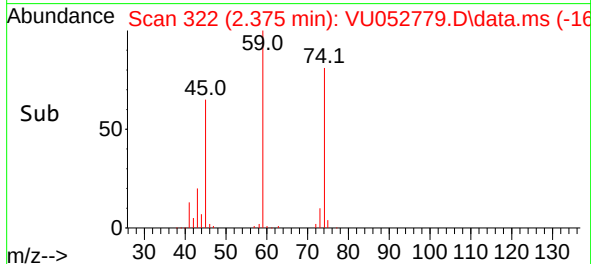
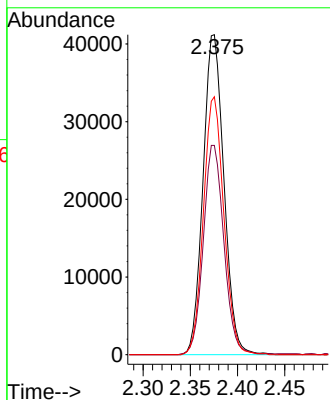


#23
Diethyl Ether
Concen: 9.735 ug/l
RT: 2.375 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

Instrument :
MSVOA_U
ClientSampleId :

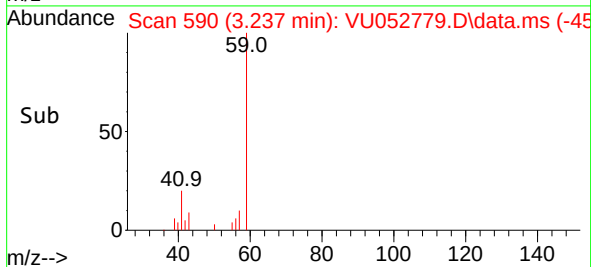
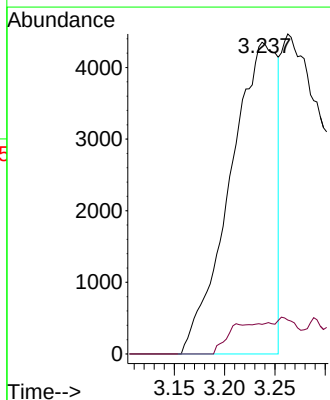
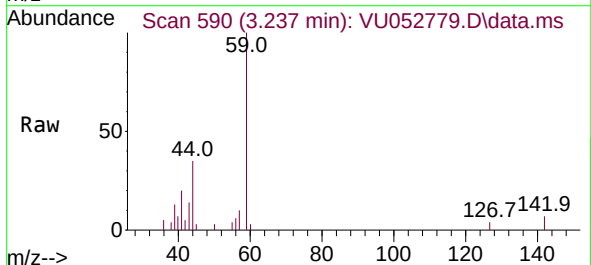


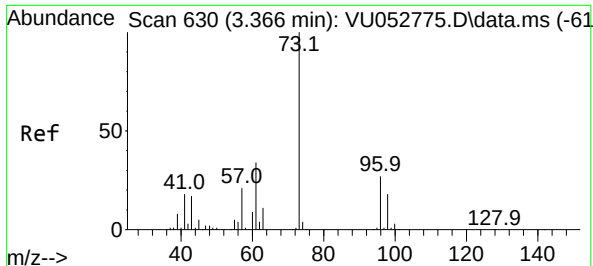
Tgt Ion: 59 Resp: 63223
Ion Ratio Lower Upper
59 100
45 64.5 52.1 78.1
74 78.9 61.6 92.4



#24
tert-Butyl Alcohol
Concen: 18.022 ug/l
RT: 3.237 min Scan# 590
Delta R.T. -0.052 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

Tgt Ion: 59 Resp: 14094
Ion Ratio Lower Upper
59 100
57 0.0 45.8 68.8#





#25

Methyl tert-Butyl Ether

Concen: 10.853 ug/l

RT: 3.363 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

Instrument :

MSVOA_U

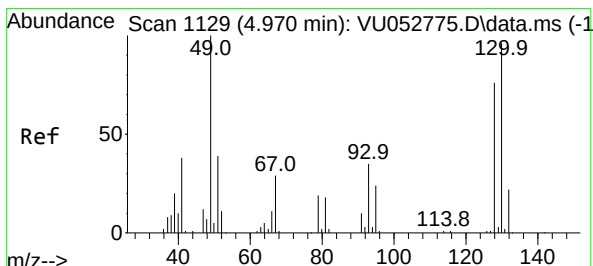
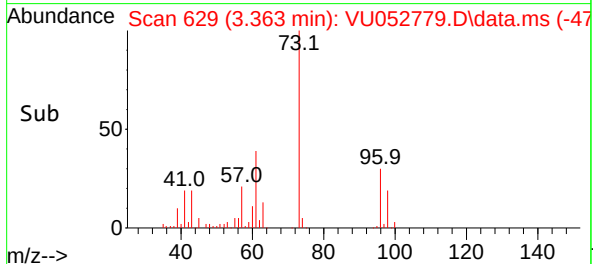
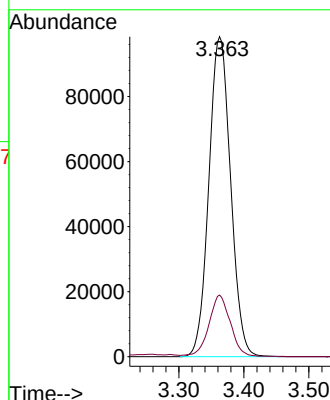
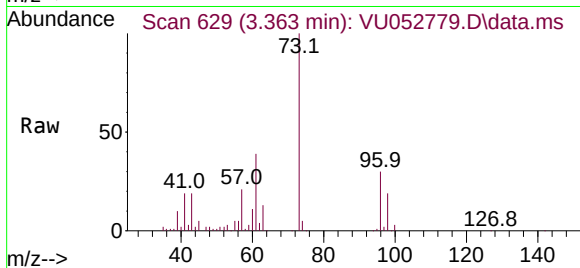
ClientSampleId :

Tgt Ion: 73 Resp: 228720

Ion Ratio Lower Upper

73 100

43 18.7 15.3 22.9



#26

Bromochloromethane

Concen: 10.208 ug/l

RT: 4.970 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

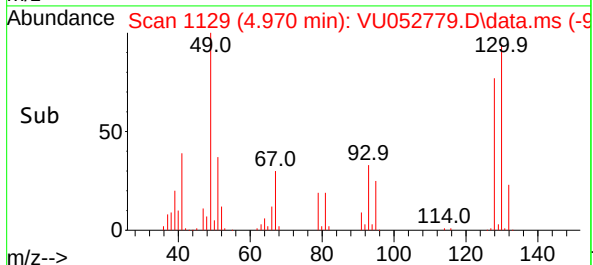
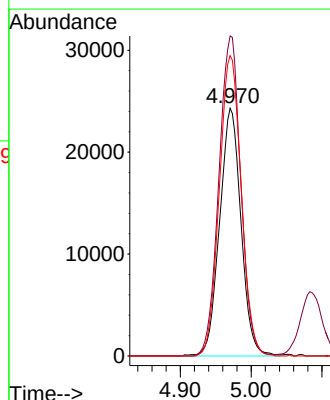
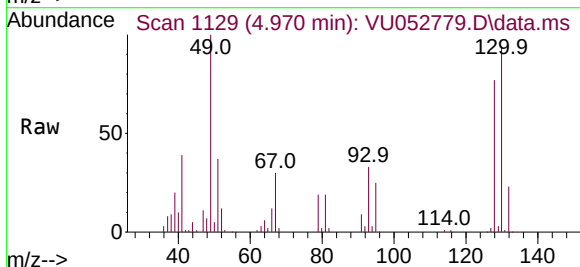
Tgt Ion:128 Resp: 50918

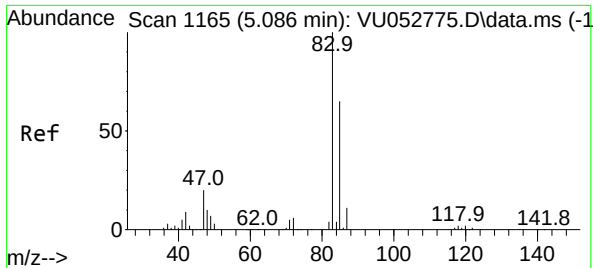
Ion Ratio Lower Upper

128 100

49 132.6 0.0 265.0

130 124.3 100.7 151.1





#27

Chloroform

Concen: 10.327 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. -0.003 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

Instrument :

MSVOA_U

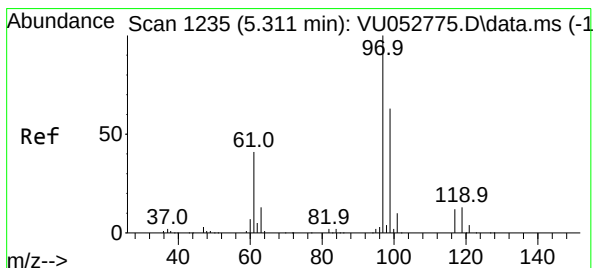
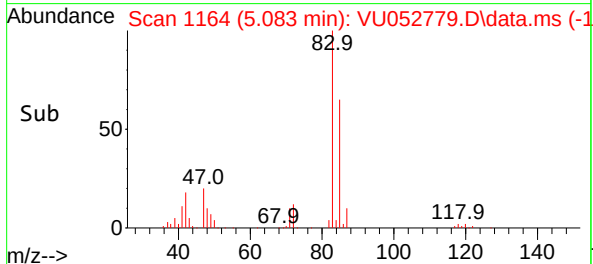
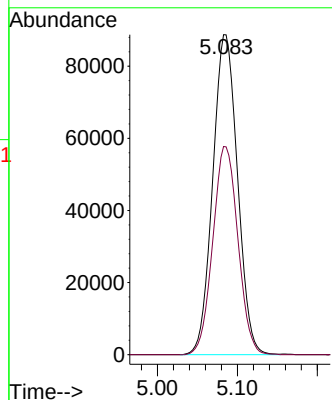
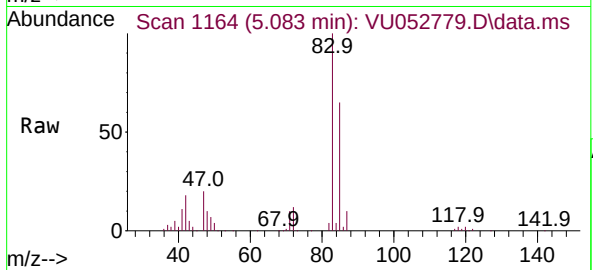
ClientSampleId :

Tgt Ion: 83 Resp: 191061

Ion Ratio Lower Upper

83 100

85 65.0 0.0 130.6



#28

1,1,1-Trichloroethane

Concen: 10.268 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

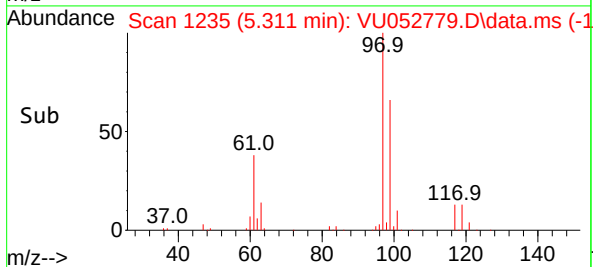
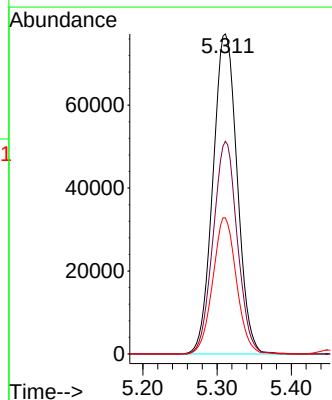
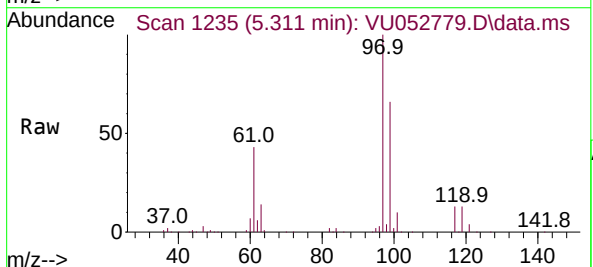
Tgt Ion: 97 Resp: 175439

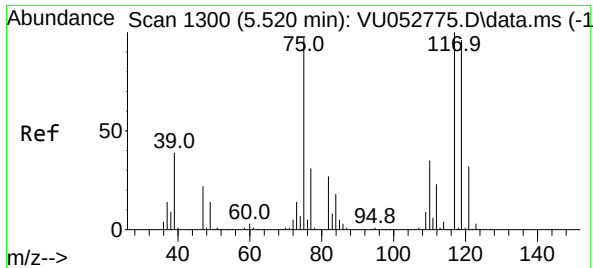
Ion Ratio Lower Upper

97 100

99 66.4 31.9 95.5

61 41.7 20.8 62.2





#29

1,1-Dichloropropene

Concen: 10.457 ug/l

RT: 5.520 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

Instrument :

MSVOA_U

ClientSampleId :

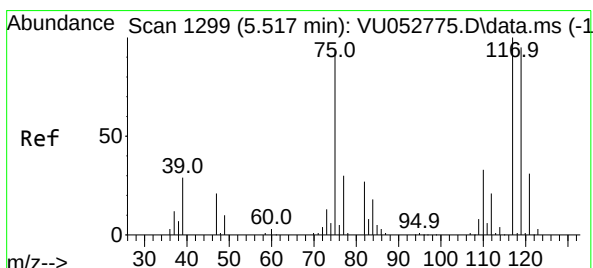
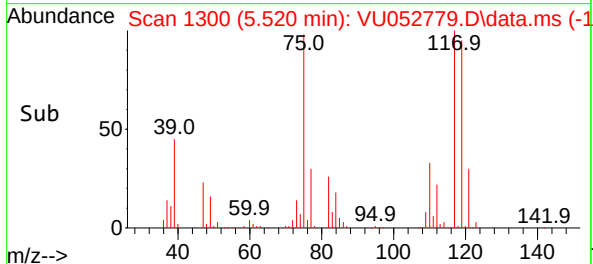
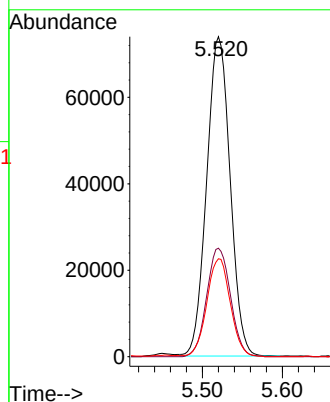
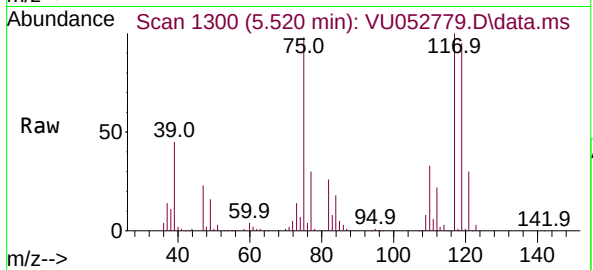
Tgt Ion: 75 Resp: 150639

Ion Ratio Lower Upper

75 100

110 34.5 17.4 52.2

77 30.8 24.8 37.2



#30

Carbon Tetrachloride

Concen: 10.647 ug/l

RT: 5.517 min Scan# 1299

Delta R.T. -0.000 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

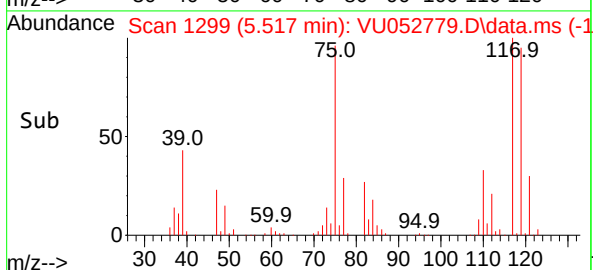
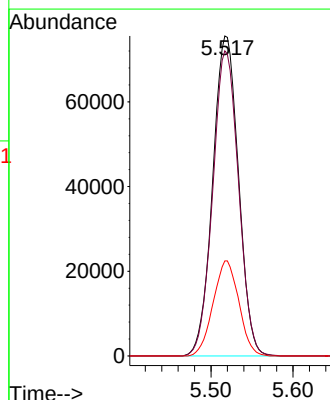
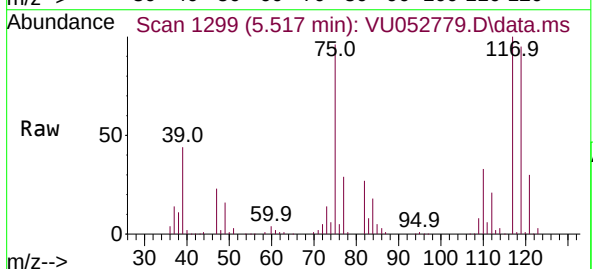
Tgt Ion: 117 Resp: 165062

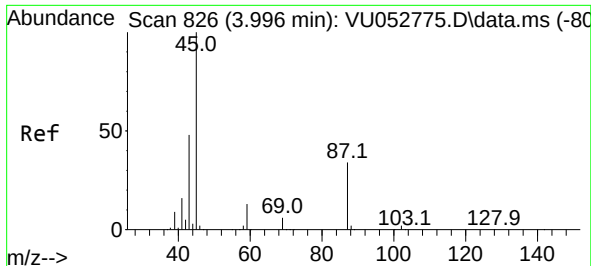
Ion Ratio Lower Upper

117 100

119 95.3 76.4 114.6

121 29.7 25.0 37.6

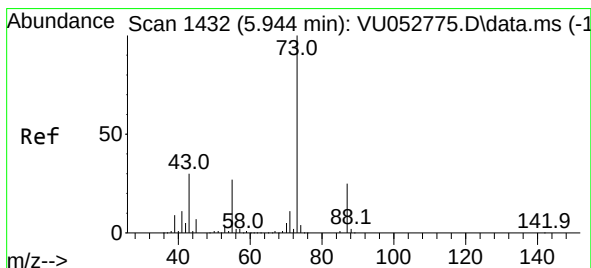
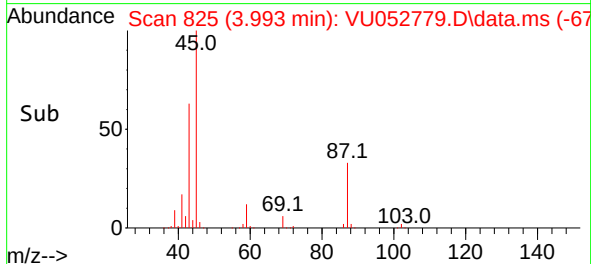
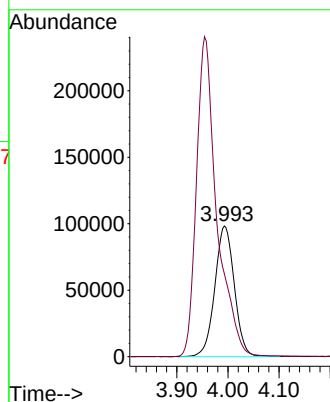
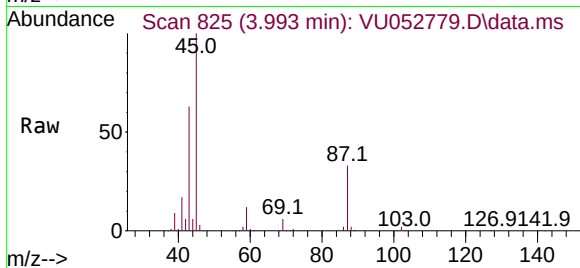




#31
Isopropyl Ether
Concen: 10.524 ug/l
RT: 3.993 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

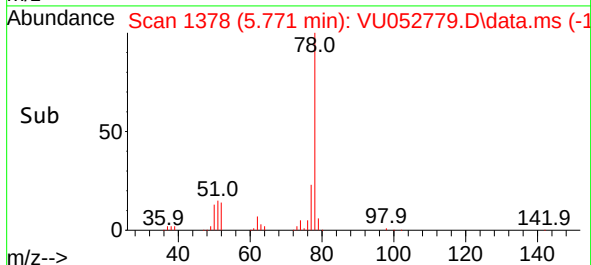
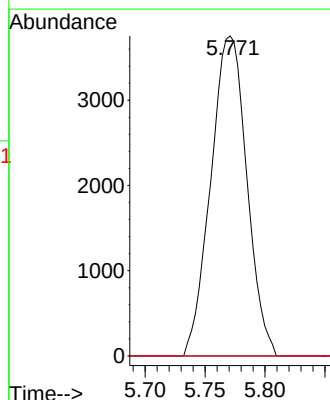
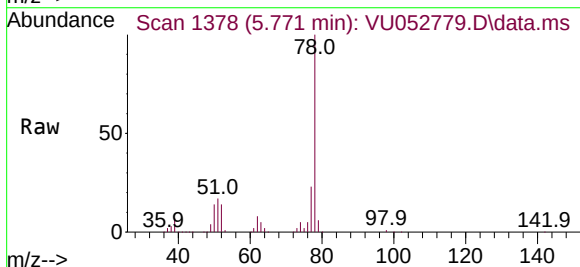
Instrument :
MSVOA_U
ClientSampleId :

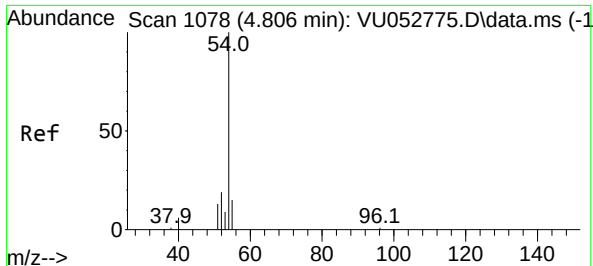
Tgt Ion: 45 Resp: 261121
Ion Ratio Lower Upper
45 100
43 254.7 24.5 73.5#



#33
Tert-Amyl methyl ether
Concen: 0.383 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. -0.174 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

Tgt Ion: 73 Resp: 7855
Ion Ratio Lower Upper
73 100
87 216.2 20.1 30.1#
71 1.6 9.2 13.8#

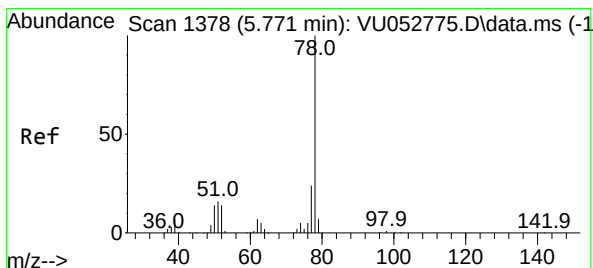
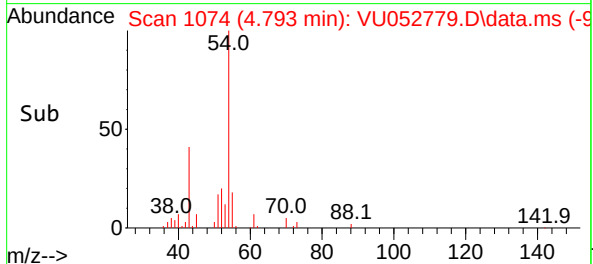
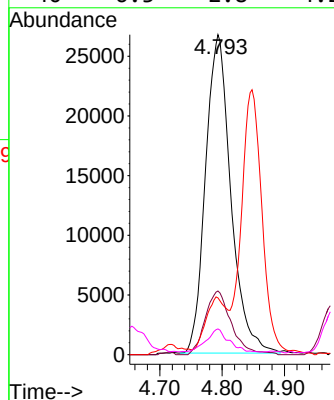
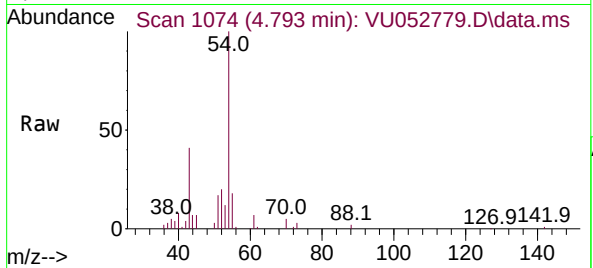




#34
 Propionitrile
 Concen: 102.441 ug/l
 RT: 4.793 min Scan# 1074
 Delta R.T. -0.013 min
 Lab File: VU052779.D
 Acq: 23 Jan 2023 18:23

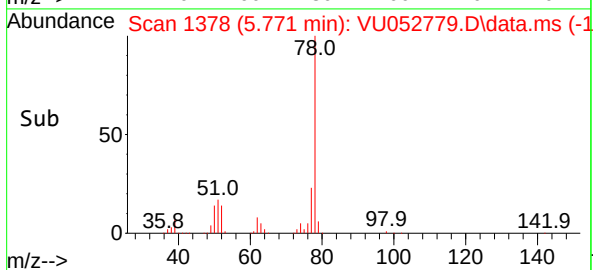
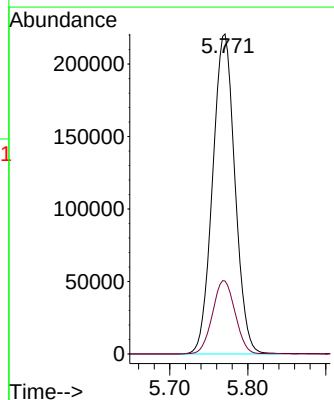
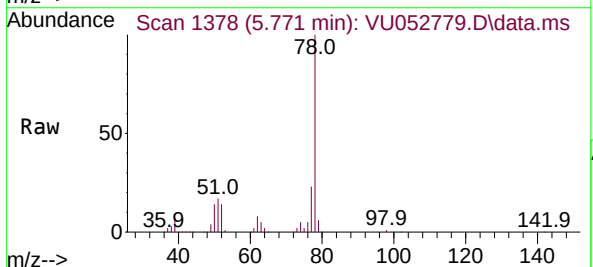
Instrument :
 MSVOA_U
 ClientSampleId :

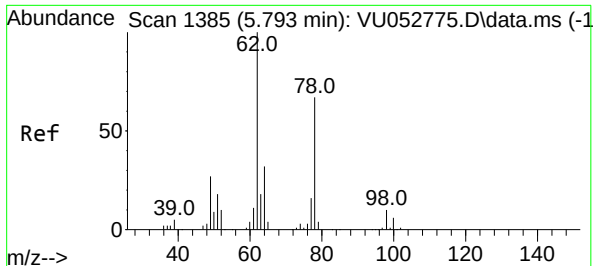
Tgt Ion: 54 Resp: 75281
 Ion Ratio Lower Upper
 54 100
 52 20.6 16.9 25.3
 55 14.8 118.6 178.0#
 40 6.3 2.8 4.2#



#35
 Benzene
 Concen: 10.505 ug/l
 RT: 5.771 min Scan# 1378
 Delta R.T. -0.000 min
 Lab File: VU052779.D
 Acq: 23 Jan 2023 18:23

Tgt Ion: 78 Resp: 439069
 Ion Ratio Lower Upper
 78 100
 77 22.8 19.0 28.4





#36

1,2-Dichloroethane

Concen: 10.284 ug/l

RT: 5.790 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

Instrument :

MSVOA_U

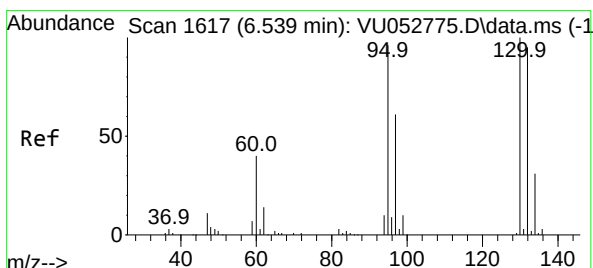
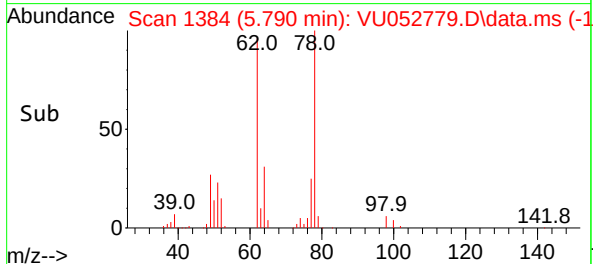
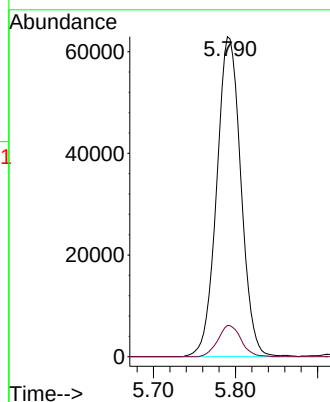
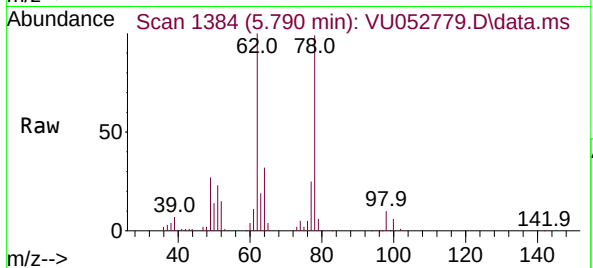
ClientSampleId :

Tgt Ion: 62 Resp: 129101

Ion Ratio Lower Upper

62 100

98 9.4 7.5 11.3



#37

Trichloroethene

Concen: 10.286 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VU052779.D

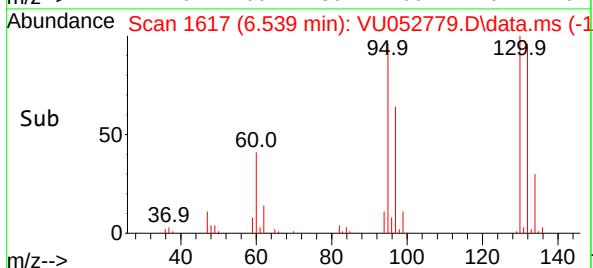
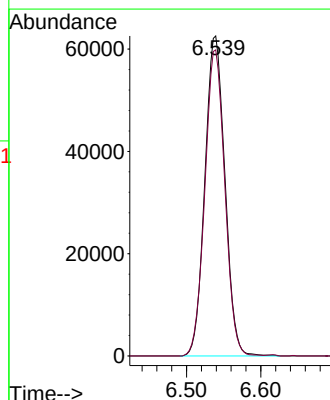
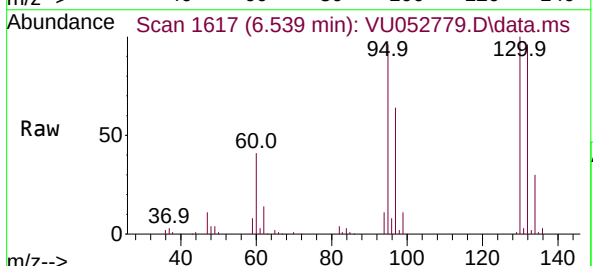
Acq: 23 Jan 2023 18:23

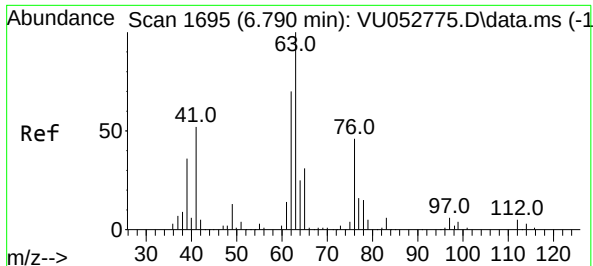
Tgt Ion:130 Resp: 117204

Ion Ratio Lower Upper

130 100

95 95.6 76.6 114.8





#38

1,2-Dichloropropane

Concen: 10.063 ug/l

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

Instrument :

MSVOA_U

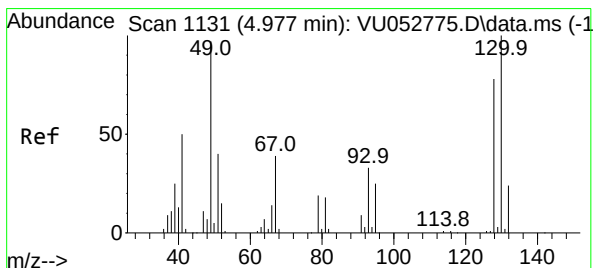
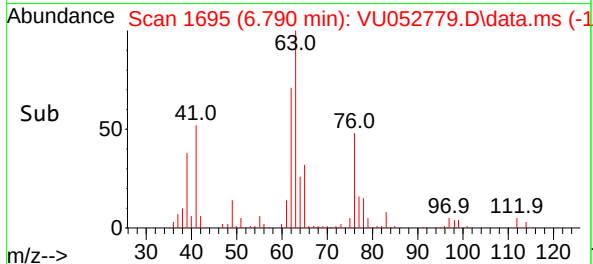
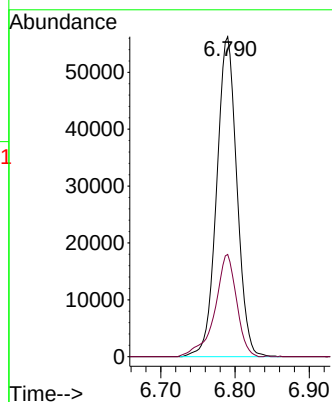
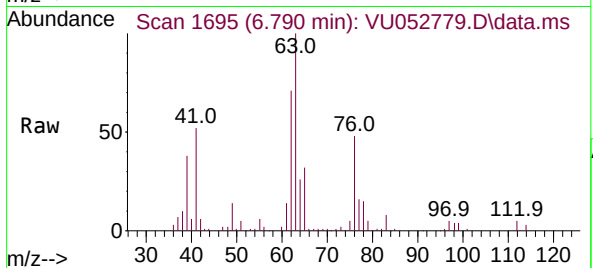
ClientSampleId :

Tgt Ion: 63 Resp: 106708

Ion Ratio Lower Upper

63 100

65 31.8 24.6 36.8



#39

Methacrylonitrile

Concen: 9.898 ug/l

RT: 4.973 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

Tgt Ion: 41 Resp: 29055

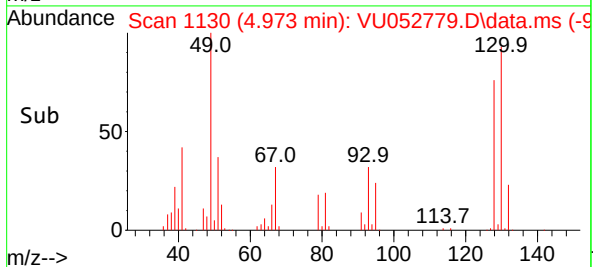
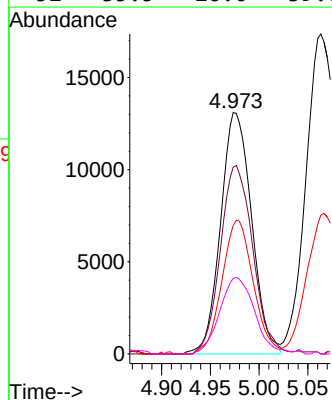
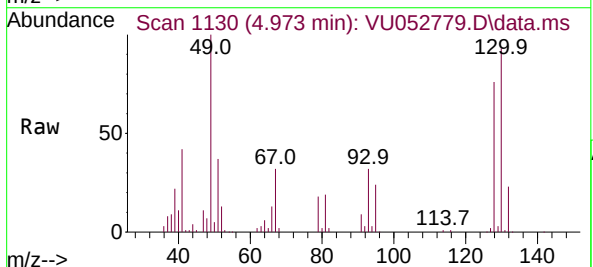
Ion Ratio Lower Upper

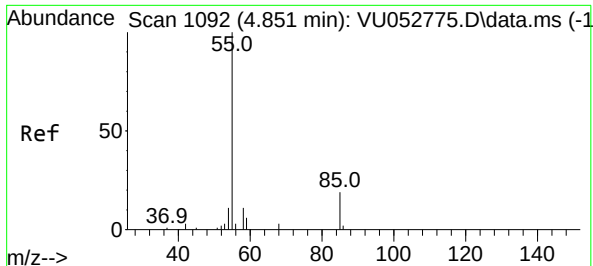
41 100

67 81.3 64.9 97.3

39 55.7 41.7 62.5

52 35.5 26.0 39.0





#40

Methyl acrylate

Concen: 9.521 ug/l

RT: 4.848 min Scan# 1109

Delta R.T. -0.003 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 55 Resp: 49539

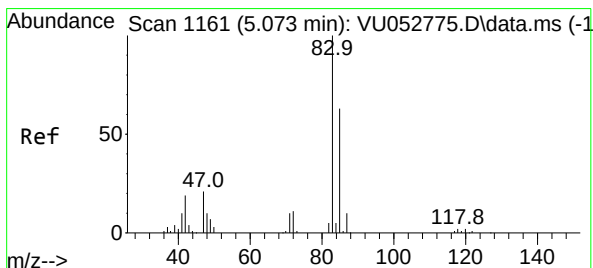
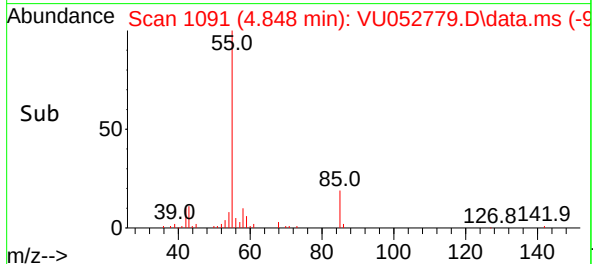
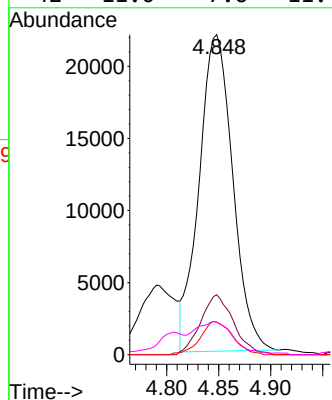
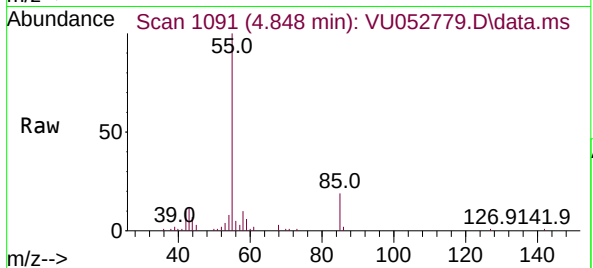
Ion Ratio Lower Upper

55 100

85 18.5 14.4 21.6

58 10.1 7.3 10.9

42 11.0 7.6 11.4



#41

Tetrahydrofuran

Concen: 48.935 ug/l

RT: 5.067 min Scan# 1159

Delta R.T. -0.007 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

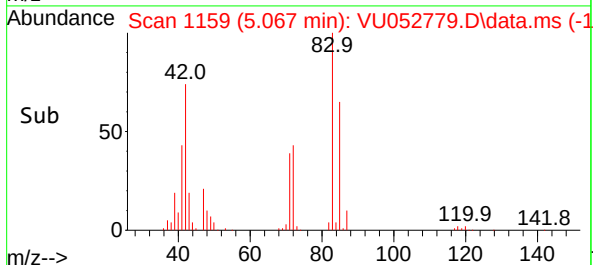
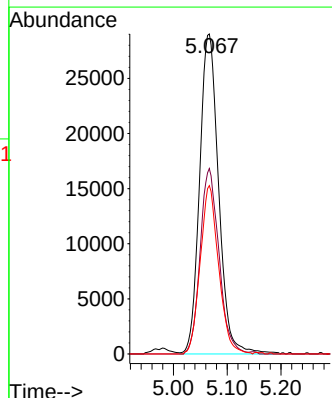
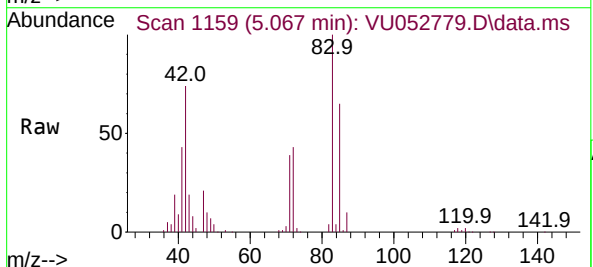
Tgt Ion: 42 Resp: 71445

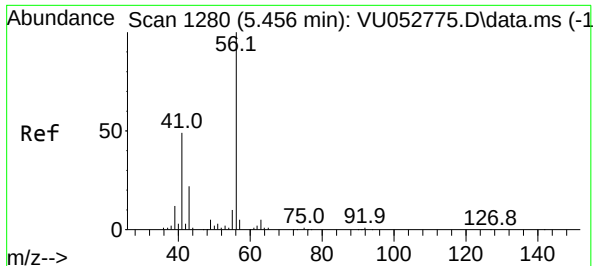
Ion Ratio Lower Upper

42 100

72 57.2 49.1 73.7

71 50.9 43.8 65.6





#42

1-Chlorobutane

Concen: 10.482 ug/l

RT: 5.452 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

Instrument :

MSVOA_U

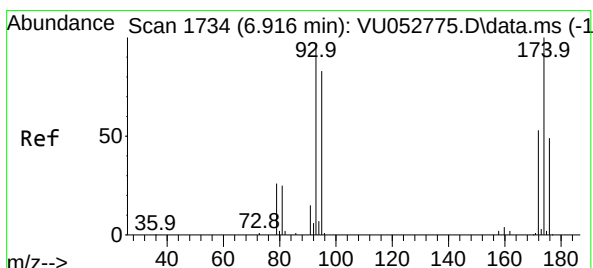
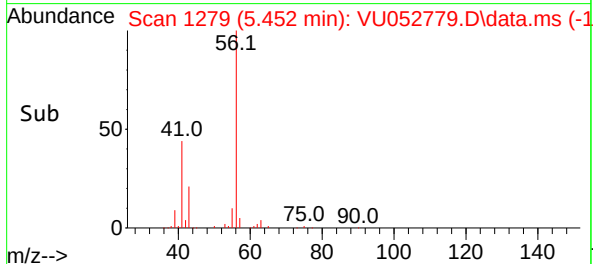
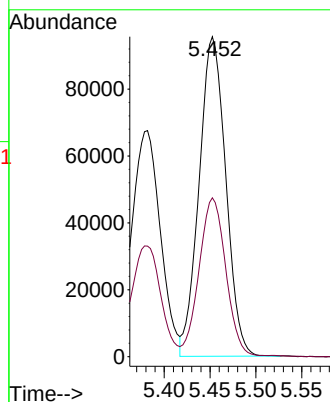
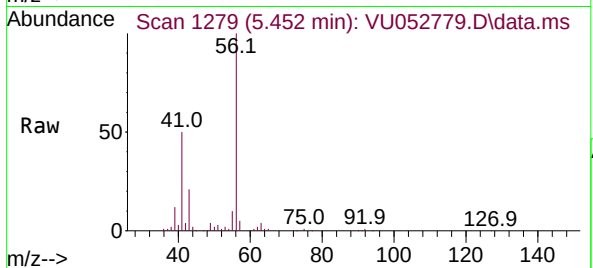
ClientSampleId :

Tgt Ion: 56 Resp: 193027

Ion Ratio Lower Upper

56 100

41 49.2 24.5 73.5



#43

Dibromomethane

Concen: 10.829 ug/l

RT: 6.915 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

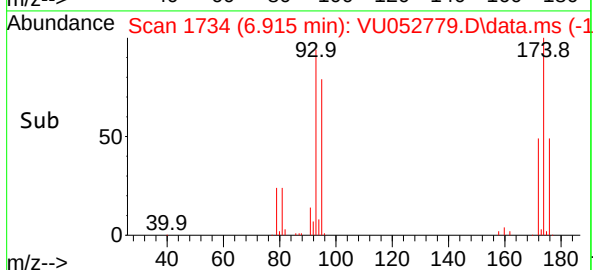
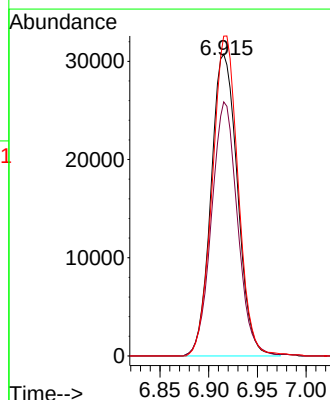
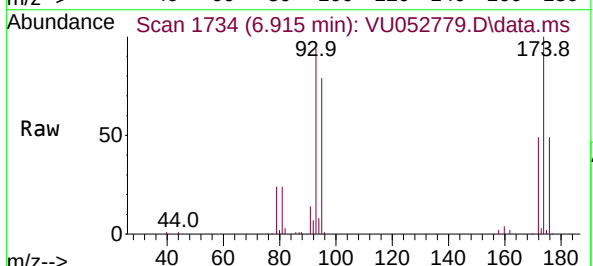
Tgt Ion: 93 Resp: 58124

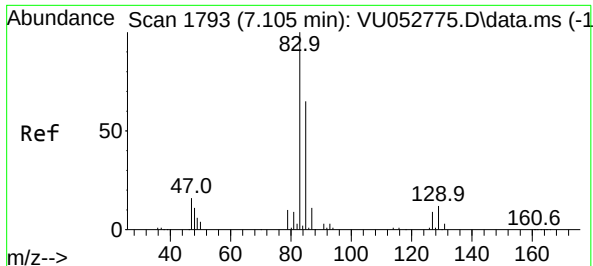
Ion Ratio Lower Upper

93 100

95 82.5 67.0 100.6

174 103.4 82.2 123.4





#44

Bromodichloromethane

Concen: 10.466 ug/l

RT: 7.105 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

Instrument :

MSVOA_U

ClientSampleId :

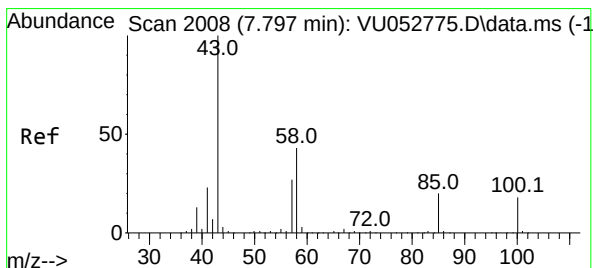
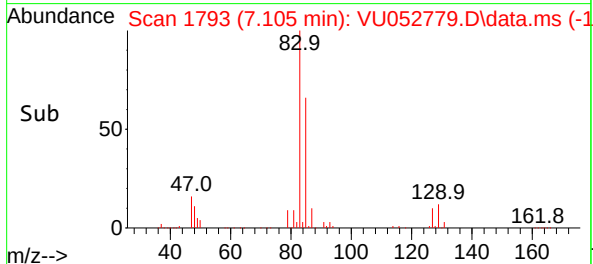
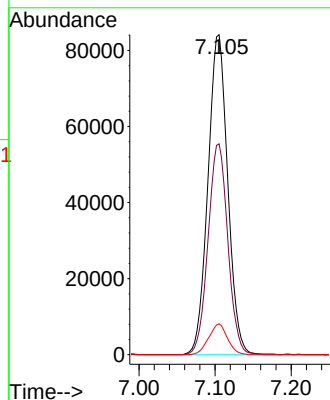
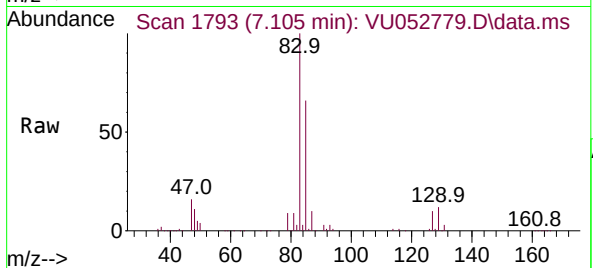
Tgt Ion: 83 Resp: 152398

Ion Ratio Lower Upper

83 100

85 65.9 52.1 78.1

127 9.6 7.2 10.8



#45

4-Methyl-2-Pentanone

Concen: 53.896 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

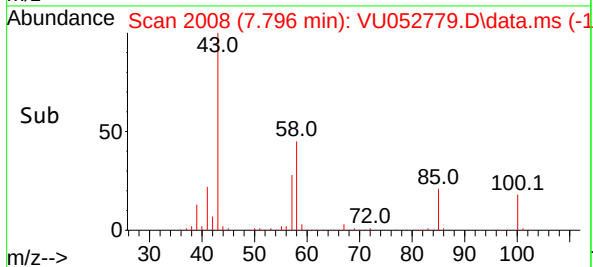
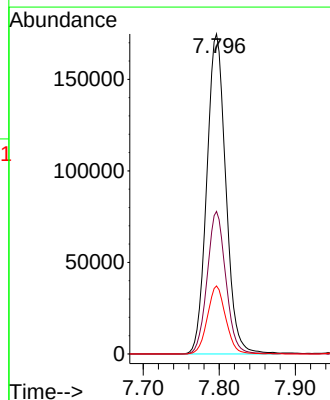
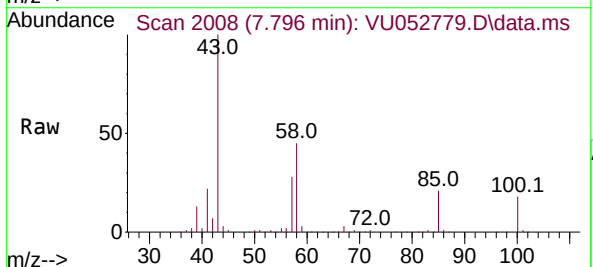
Tgt Ion: 43 Resp: 303989

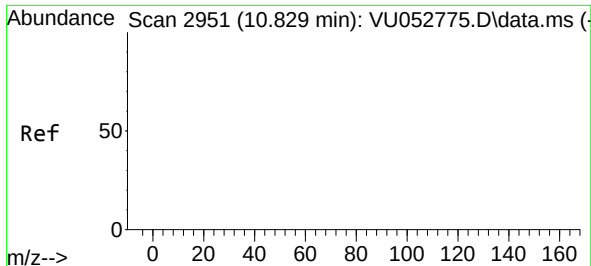
Ion Ratio Lower Upper

43 100

58 43.7 21.7 65.1

85 20.4 16.2 24.4





#46

t-1,4-Dichloro-2-butene

Concen: 33.735 ug/l

RT: 10.822 min Scan# 2949

Delta R.T. -0.007 min

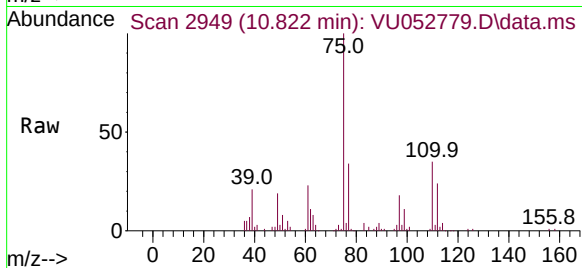
Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 99764

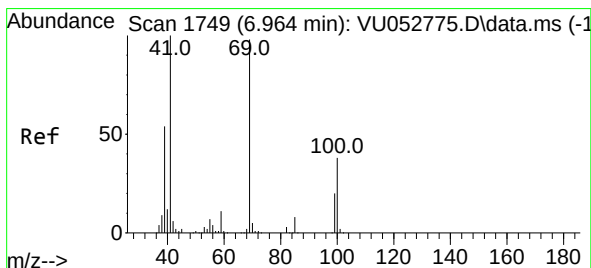
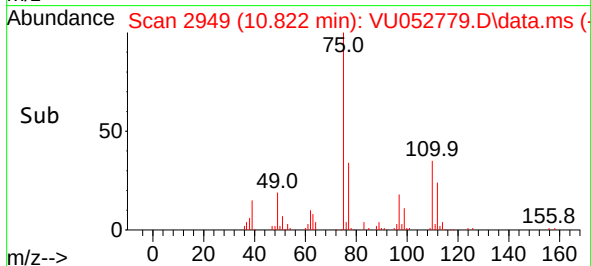
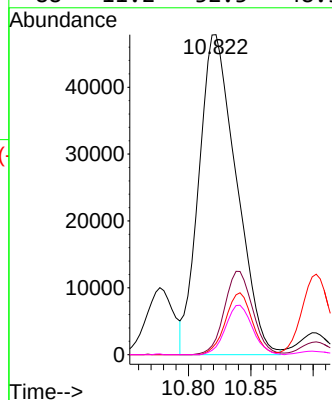
Ion Ratio Lower Upper

75 100

53 19.7 57.0 85.4#

89 13.9 41.1 61.7#

88 11.2 32.3 48.5#



#47

Methyl methacrylate

Concen: 10.263 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

Tgt Ion: 69 Resp: 48965

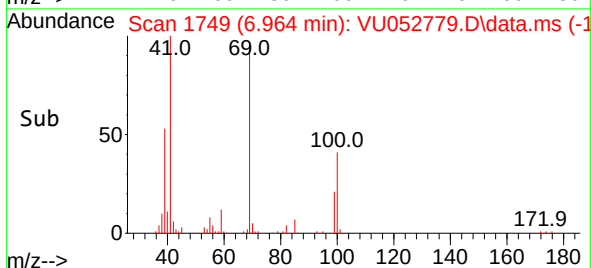
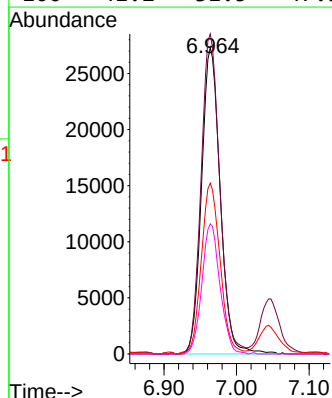
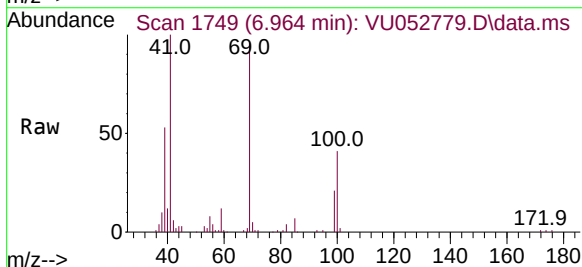
Ion Ratio Lower Upper

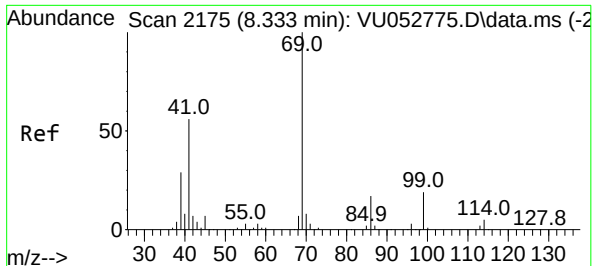
69 100

41 104.6 0.0 201.8

39 55.9 44.0 66.0

100 41.2 31.5 47.3





#48

Ethyl methacrylate

Concen: 11.259 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. -0.000 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

Instrument :

MSVOA_U

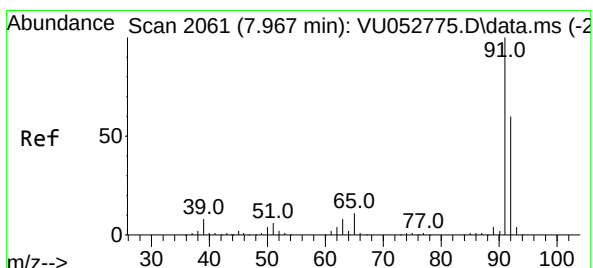
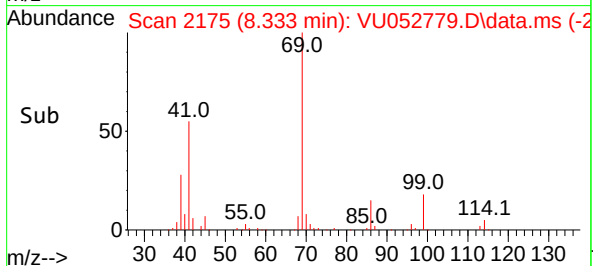
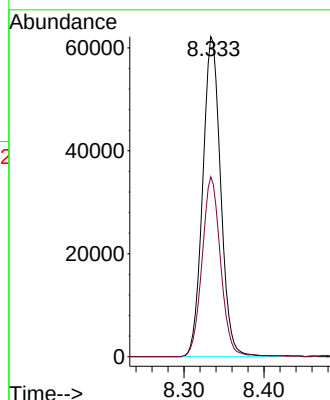
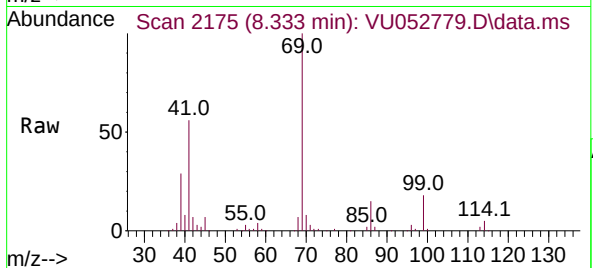
ClientSampleId :

Tgt Ion: 69 Resp: 97390

Ion Ratio Lower Upper

69 100

41 57.5 28.1 84.4



#49

Toluene

Concen: 10.959 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052779.D

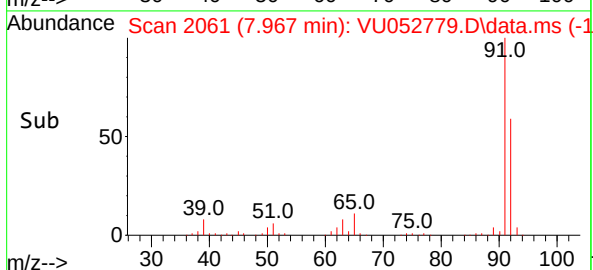
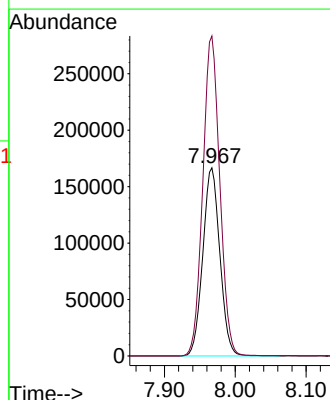
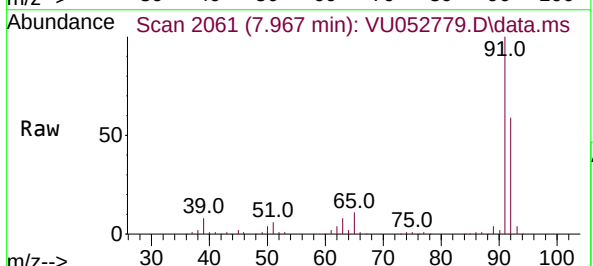
Acq: 23 Jan 2023 18:23

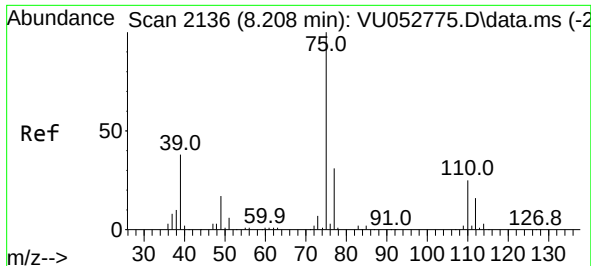
Tgt Ion: 92 Resp: 278107

Ion Ratio Lower Upper

92 100

91 169.8 133.8 200.8





#50

t-1,3-Dichloropropene

Concen: 11.041 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

Instrument :

MSVOA_U

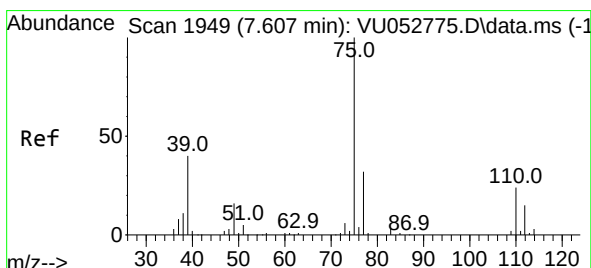
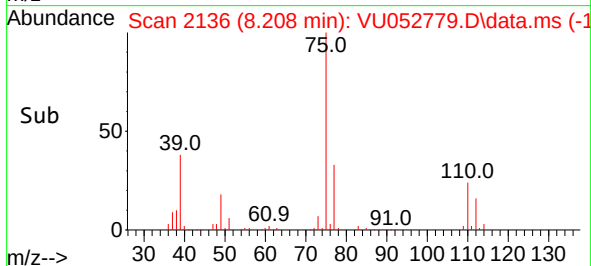
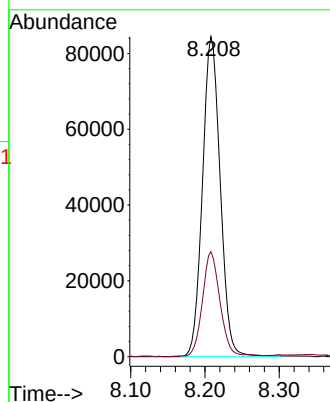
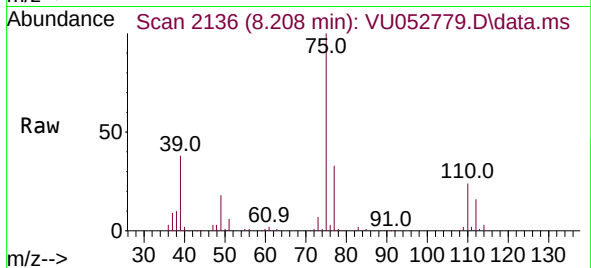
ClientSampleId :

Tgt Ion: 75 Resp: 140224

Ion Ratio Lower Upper

75 100

77 32.6 24.4 36.6



#51

cis-1,3-Dichloropropene

Concen: 10.809 ug/l

RT: 7.604 min Scan# 1948

Delta R.T. -0.003 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

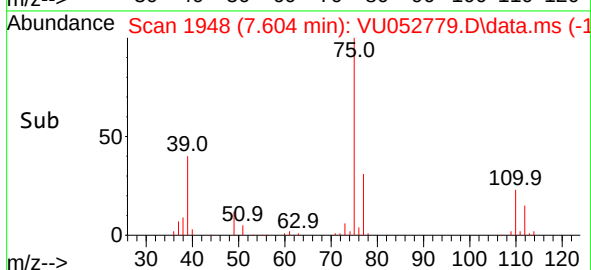
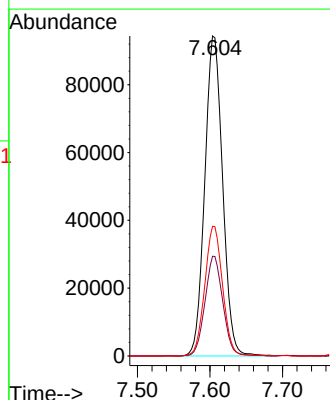
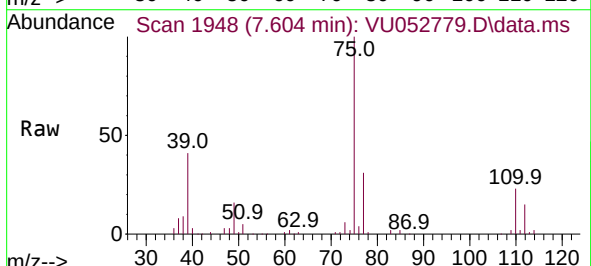
Tgt Ion: 75 Resp: 161482

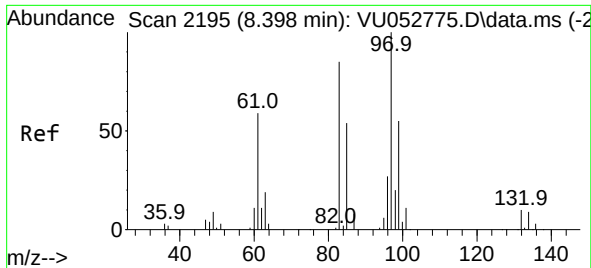
Ion Ratio Lower Upper

75 100

77 31.1 25.5 38.3

39 40.5 32.3 48.5

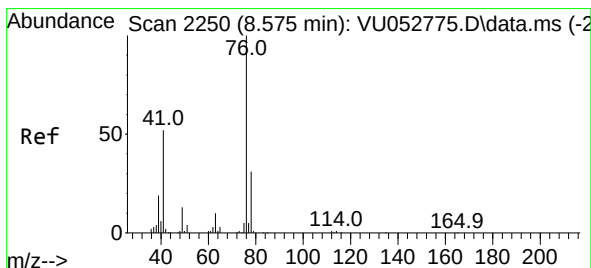
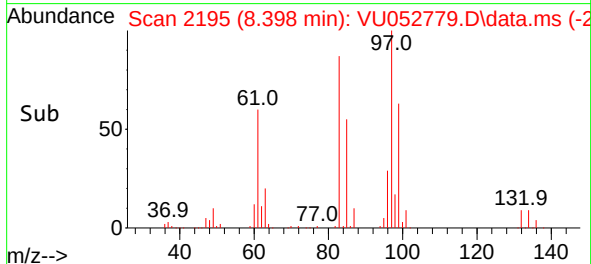
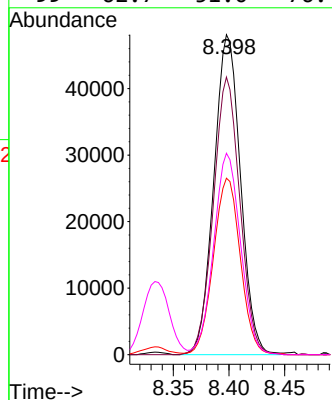
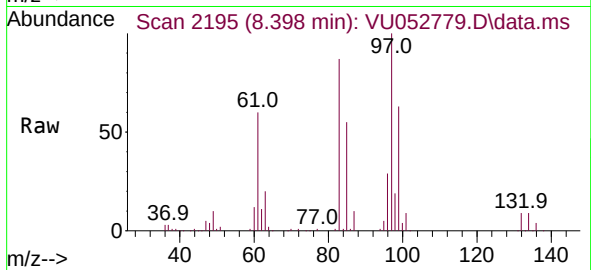




#52
 1,1,2-Trichloroethane
 Concen: 10.505 ug/l
 RT: 8.398 min Scan# 2195
 Delta R.T. -0.000 min
 Lab File: VU052779.D
 Acq: 23 Jan 2023 18:23

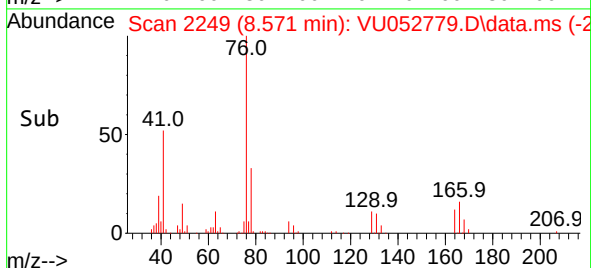
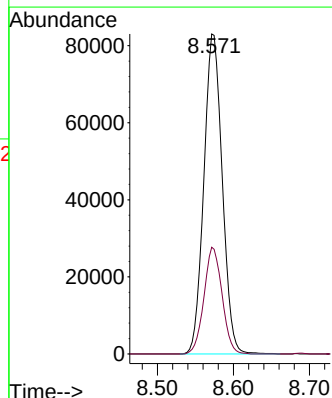
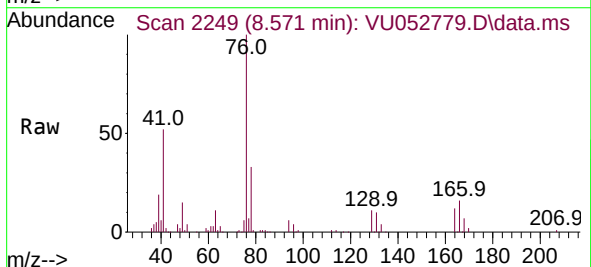
Instrument :
 MSVOA_U
 ClientSampleId :

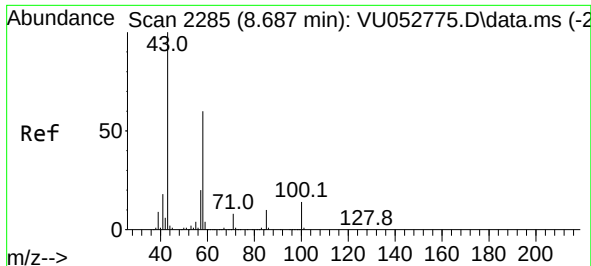
Tgt Ion:	97	Resp:	80184
Ion	Ratio	Lower	Upper
97	100		
83	86.8	68.2	102.2
85	54.8	44.5	66.7
99	62.7	51.0	76.4



#53
 1,3-Dichloropropane
 Concen: 10.583 ug/l
 RT: 8.571 min Scan# 2249
 Delta R.T. -0.003 min
 Lab File: VU052779.D
 Acq: 23 Jan 2023 18:23

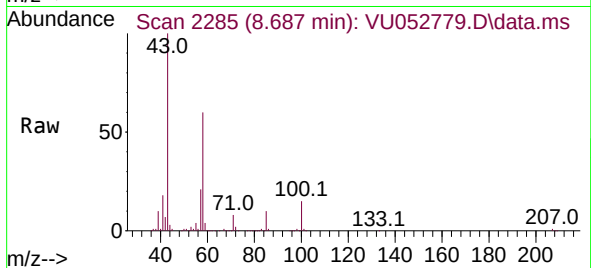
Tgt Ion:	76	Resp:	139630
Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.2	37.8



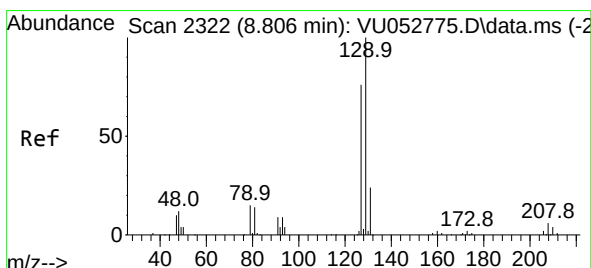
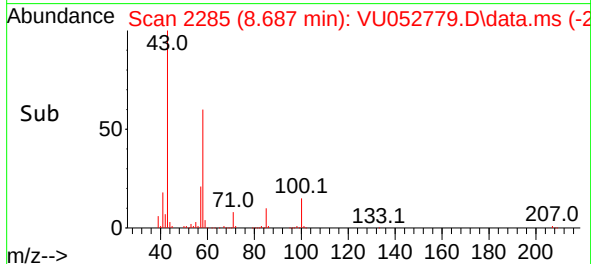
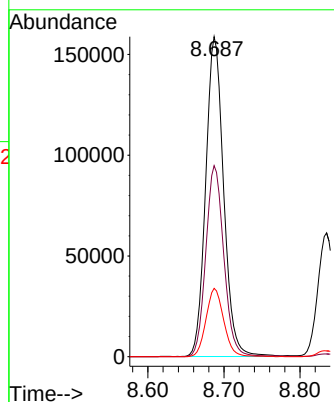


#54
2-Hexanone
Concen: 52.768 ug/l
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

Instrument :
MSVOA_U
ClientSampleId :

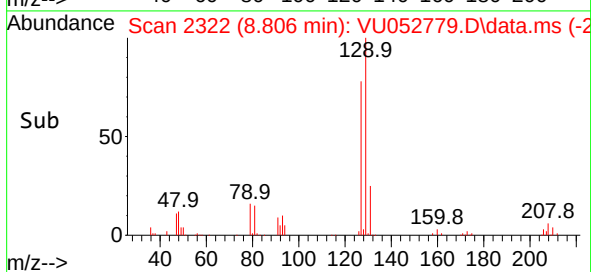
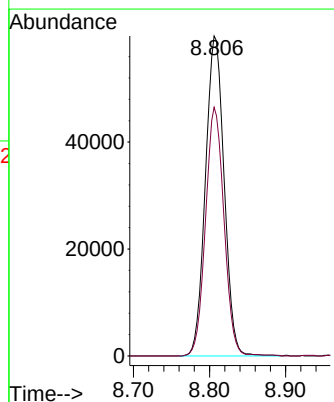
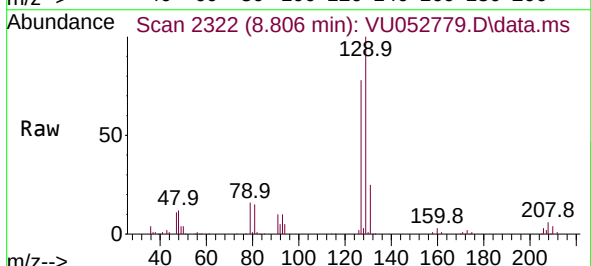


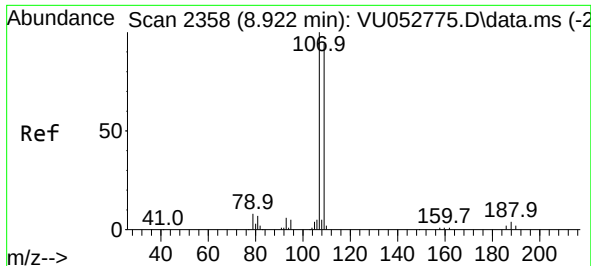
Tgt Ion: 43 Resp: 260378
Ion Ratio Lower Upper
43 100
58 59.9 40.0 80.0
57 21.1 0.6 40.6



#55
Dibromochloromethane
Concen: 10.241 ug/l
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

Tgt Ion:129 Resp: 102235
Ion Ratio Lower Upper
129 100
127 76.7 61.5 92.3

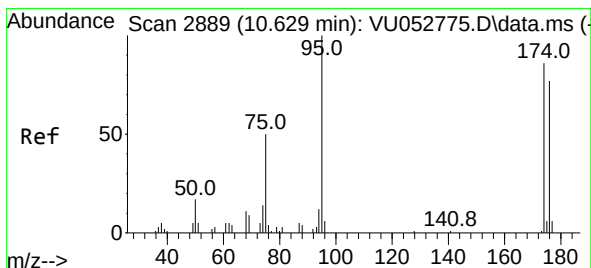
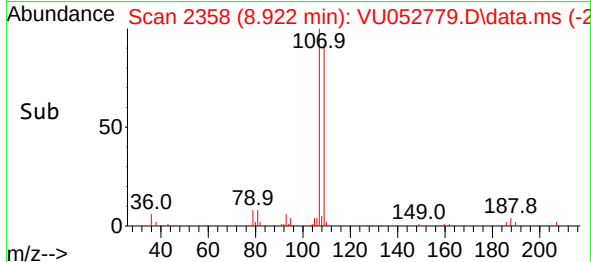
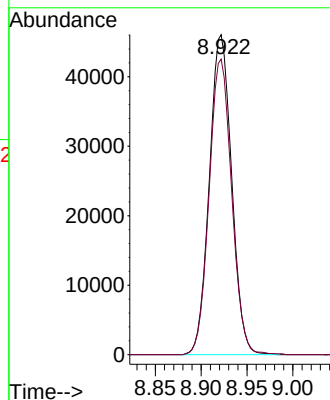
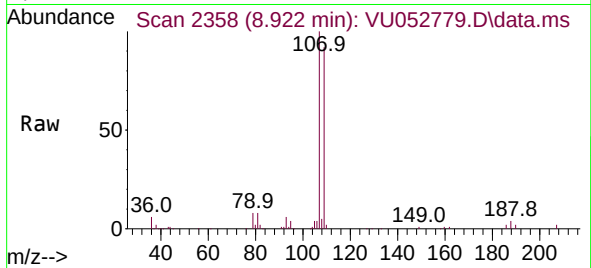




#56
1,2-Dibromoethane
Concen: 10.721 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

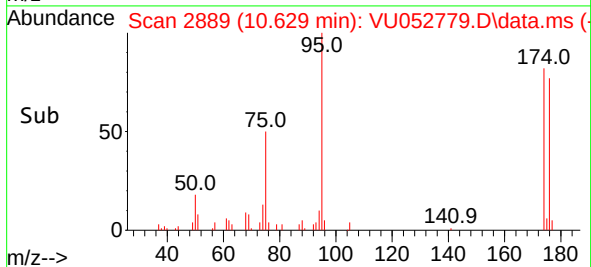
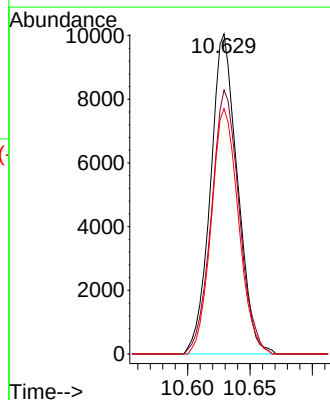
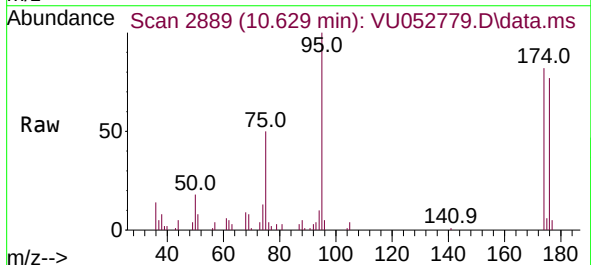
Instrument :
MSVOA_U
ClientSampleId :

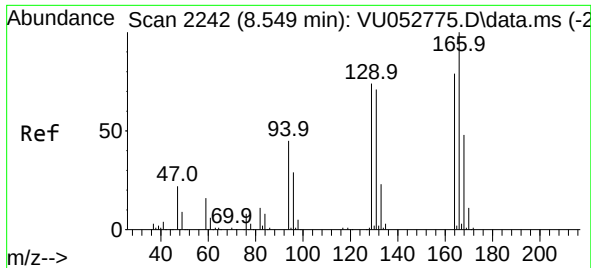
Tgt Ion:107 Resp: 77903
Ion Ratio Lower Upper
107 100
109 93.4 0.0 190.4



#57
4-Bromofluorobenzene
Concen: 1.157 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.000 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

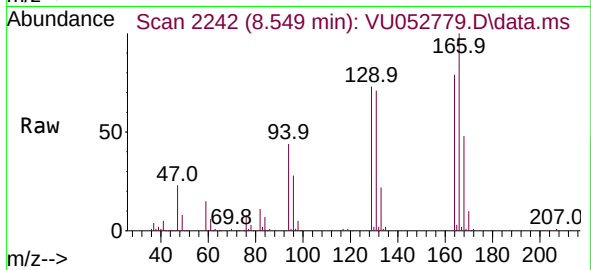
Tgt Ion: 95 Resp: 15153
Ion Ratio Lower Upper
95 100
174 84.8 66.9 100.3
176 77.4 61.9 92.9



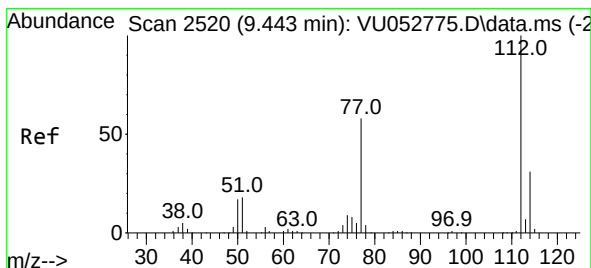
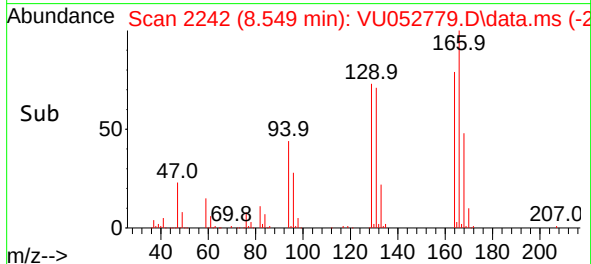
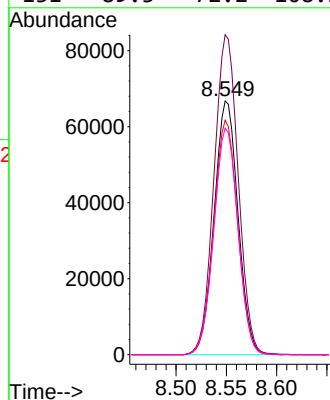


#58
Tetrachloroethene
Concen: 10.779 ug/l
RT: 8.549 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

Instrument :
MSVOA_U
ClientSampleId :

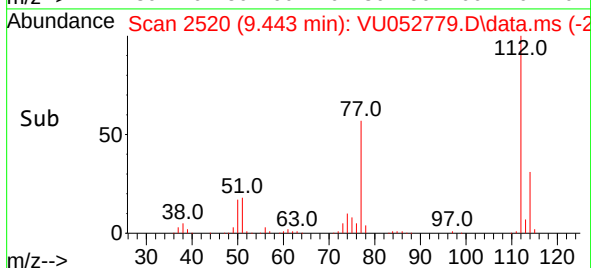
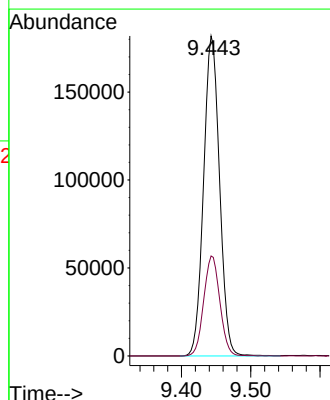
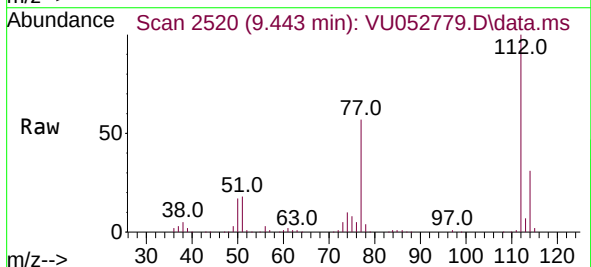


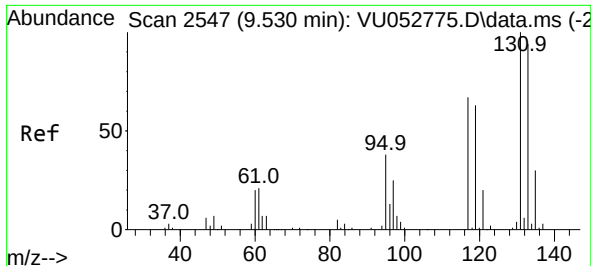
Tgt Ion:164 Resp: 110831
Ion Ratio Lower Upper
164 100
166 126.1 101.5 152.3
129 92.3 75.2 112.8
131 89.3 72.2 108.2



#59
Chlorobenzene
Concen: 10.521 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

Tgt Ion:112 Resp: 290581
Ion Ratio Lower Upper
112 100
114 31.3 25.2 37.8

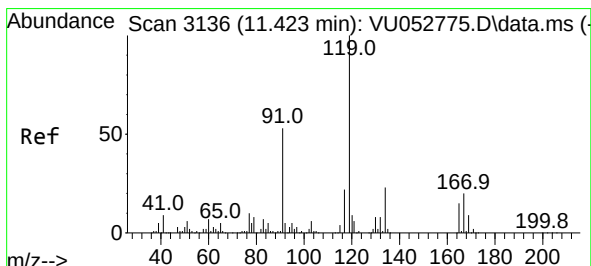
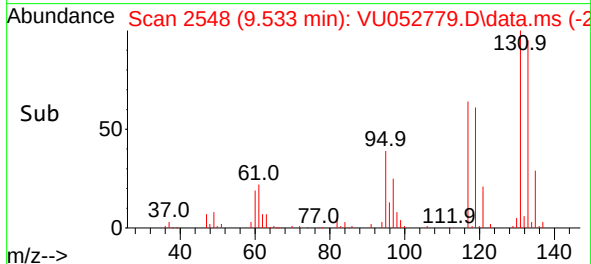
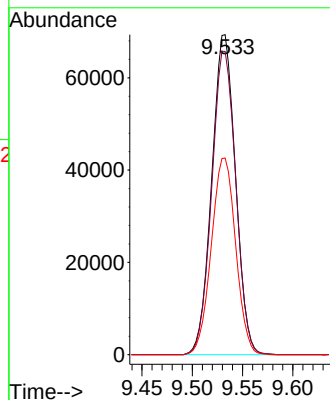
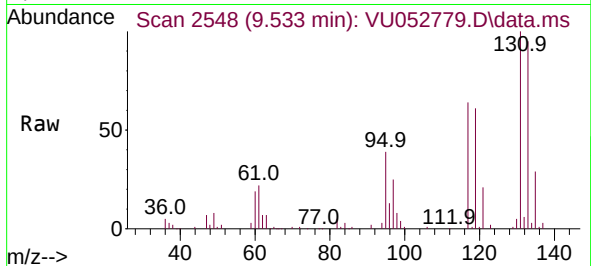




#60
1,1,1,2-Tetrachloroethane
Concen: 10.666 ug/l
RT: 9.533 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

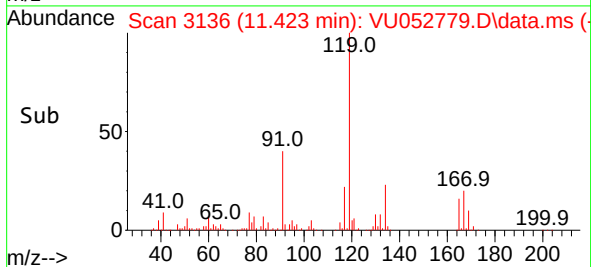
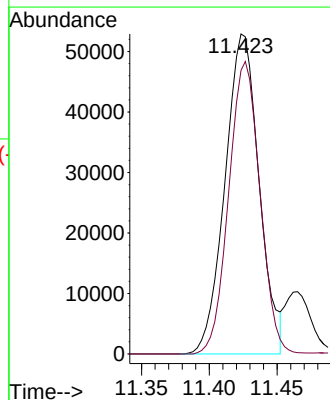
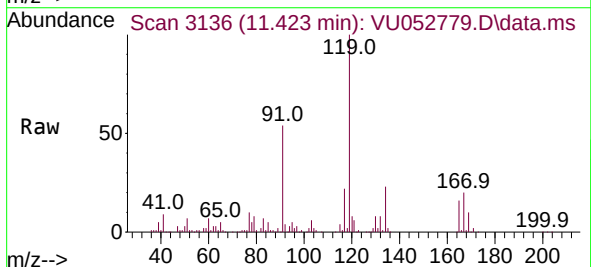
Instrument :
MSVOA_U
ClientSampleId :

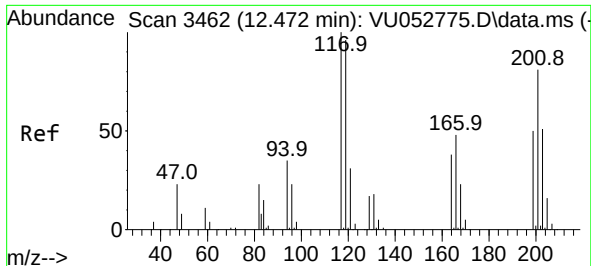
Tgt Ion:131 Resp: 114009
Ion Ratio Lower Upper
131 100
133 95.9 77.2 115.8
119 63.0 50.8 76.2



#61
Pentachloroethane
Concen: 10.562 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

Tgt Ion:117 Resp: 92495
Ion Ratio Lower Upper
117 100
167 83.9 66.8 100.2

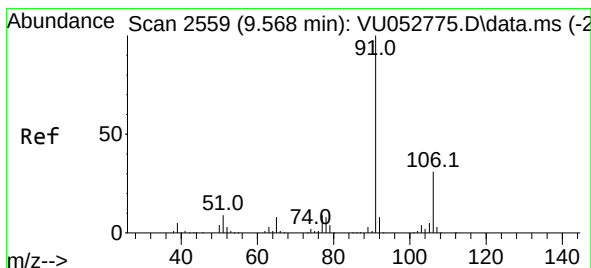
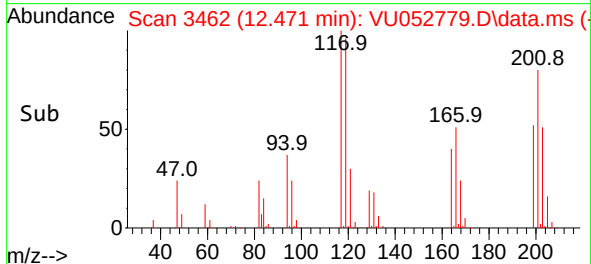
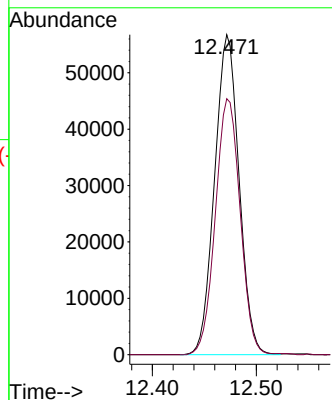
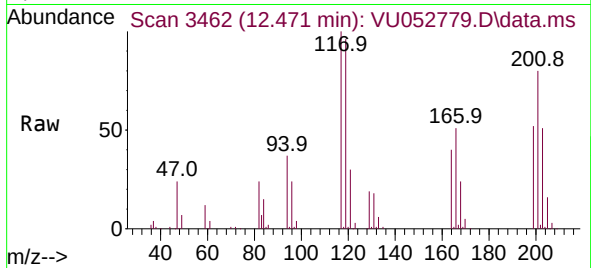




#62
Hexachloroethane
Concen: 10.507 ug/l
RT: 12.471 min Scan# 3462
Delta R.T. -0.000 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

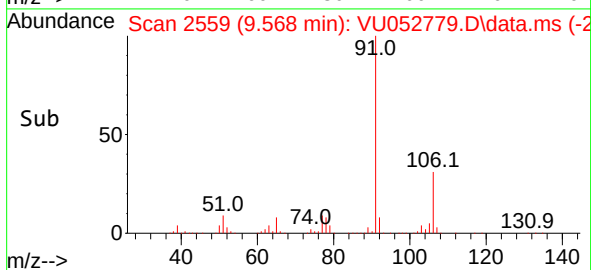
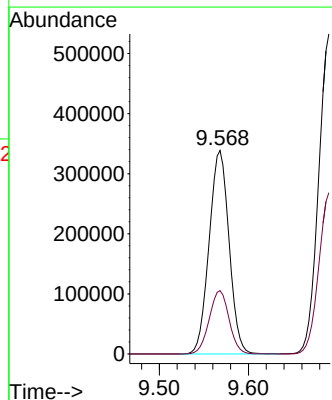
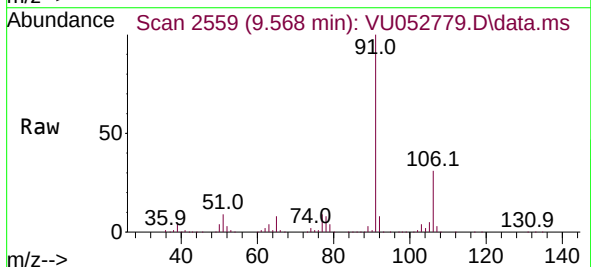
Instrument :
MSVOA_U
ClientSampleId :

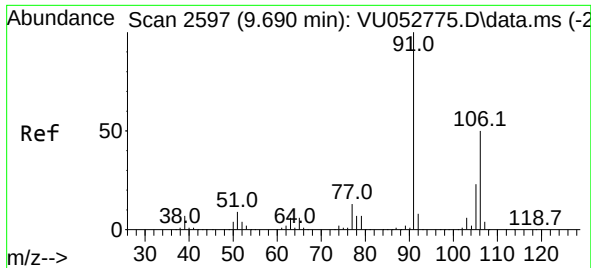
Tgt Ion:117 Resp: 92959
Ion Ratio Lower Upper
117 100
201 81.0 64.6 97.0



#63
Ethyl Benzene
Concen: 11.756 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

Tgt Ion: 91 Resp: 525939
Ion Ratio Lower Upper
91 100
106 31.1 25.1 37.7

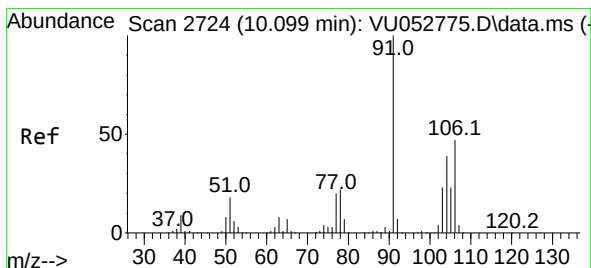
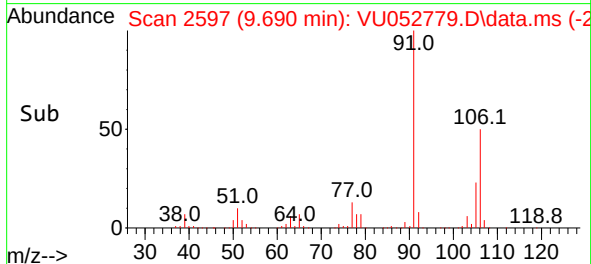
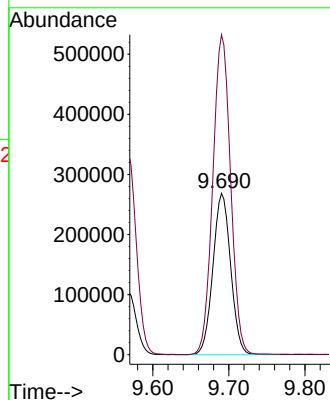
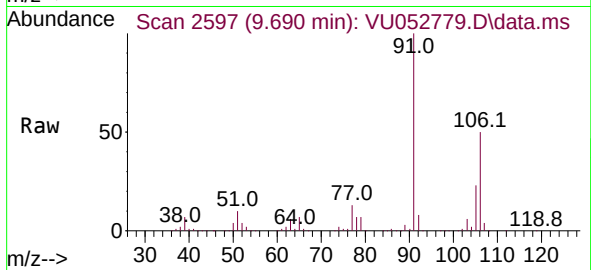




#64
m/p-Xylenes
Concen: 24.365 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

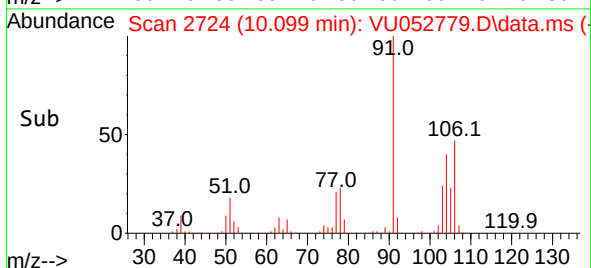
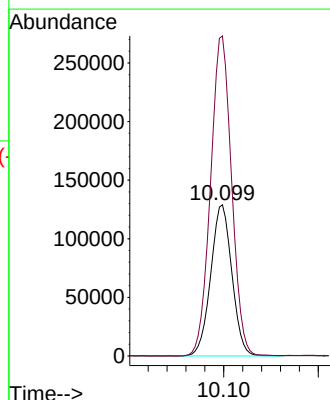
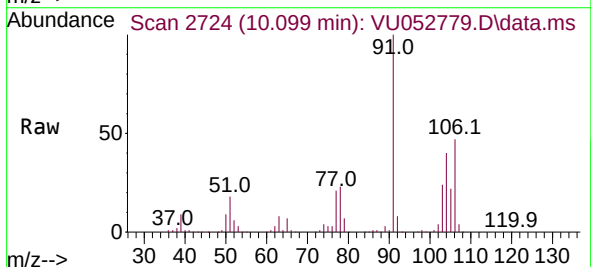
Instrument :
MSVOA_U
ClientSampleId :

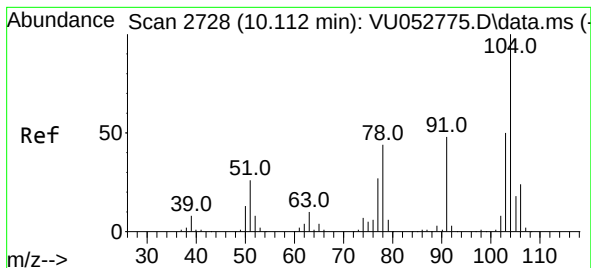
Tgt Ion:106 Resp: 434589
Ion Ratio Lower Upper
106 100
91 198.8 158.7 238.1



#65
o-Xylene
Concen: 11.629 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

Tgt Ion:106 Resp: 200150
Ion Ratio Lower Upper
106 100
91 211.3 105.6 316.8





#66

Styrene

Concen: 10.321 ug/l

RT: 10.111 min Scan# 2728

Delta R.T. -0.001 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

Instrument :

MSVOA_U

ClientSampleId :

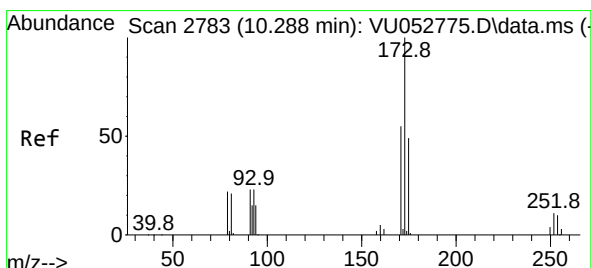
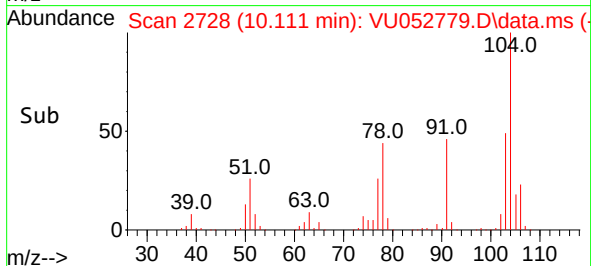
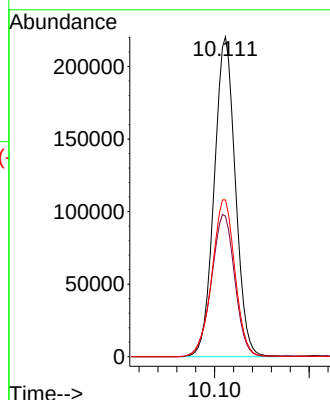
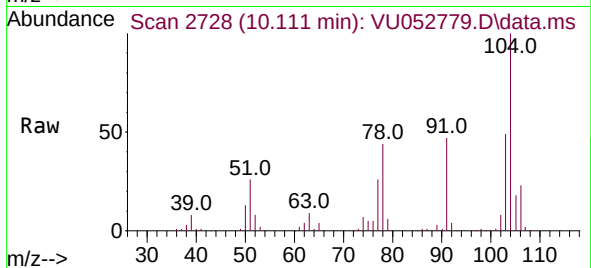
Tgt Ion:104 Resp: 342939

Ion Ratio Lower Upper

104 100

78 49.2 39.6 59.4

103 53.4 42.9 64.3



#67

Bromoform

Concen: 10.436 ug/l

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

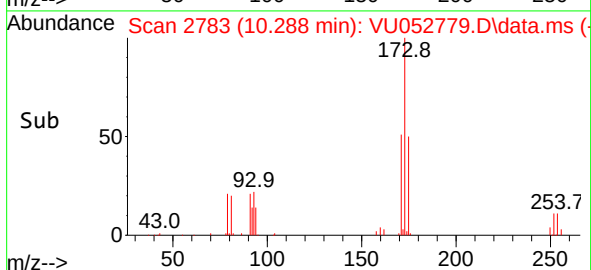
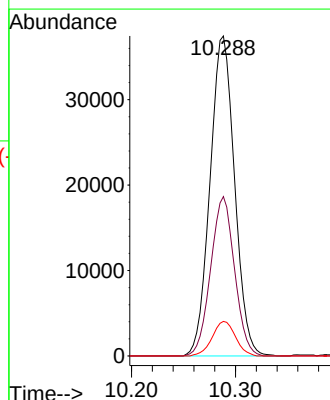
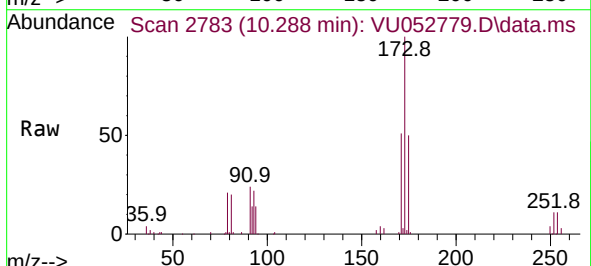
Tgt Ion:173 Resp: 61477

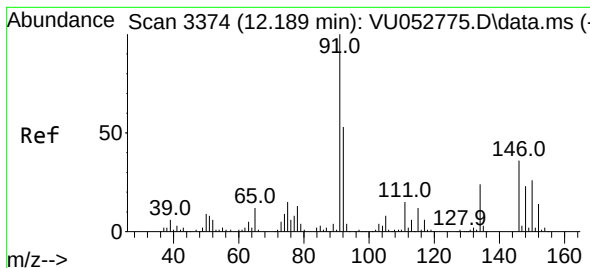
Ion Ratio Lower Upper

173 100

175 48.3 39.5 59.3

254 10.3 8.0 12.0





#68

1,2-Dichlorobenzene-d4

Concen: 1.114 ug/l

RT: 12.189 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

Instrument :

MSVOA_U

ClientSampleId :

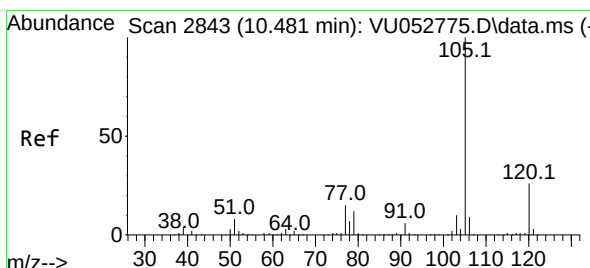
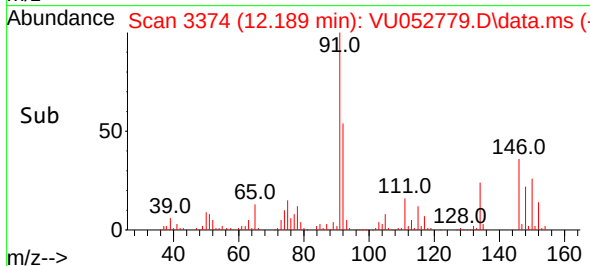
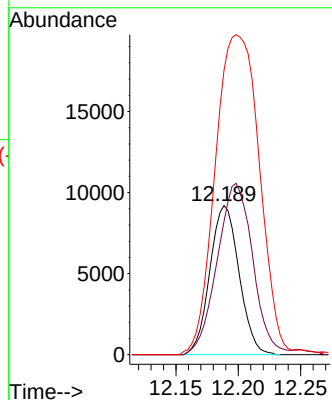
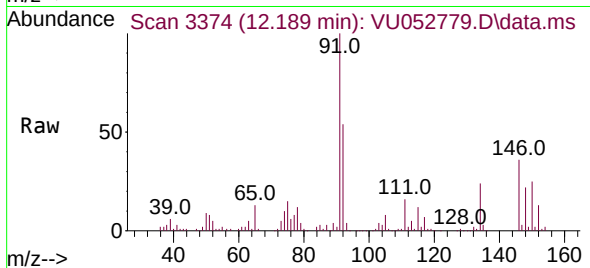
Tgt Ion:152 Resp: 15004

Ion Ratio Lower Upper

152 100

115 139.7 0.0 262.6

150 325.7 0.0 638.0



#69

Isopropylbenzene

Concen: 12.213 ug/l

RT: 10.481 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VU052779.D

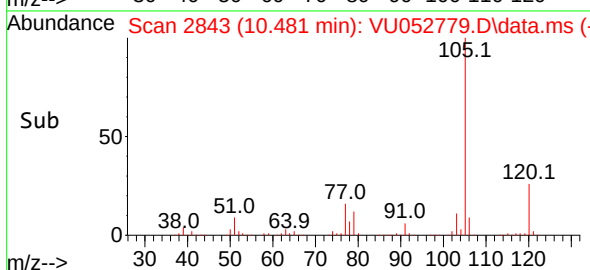
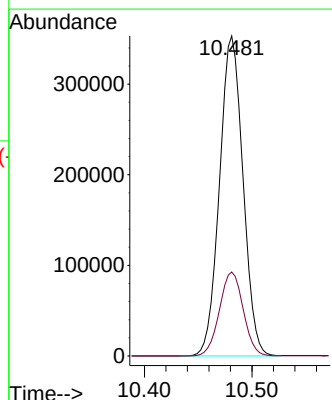
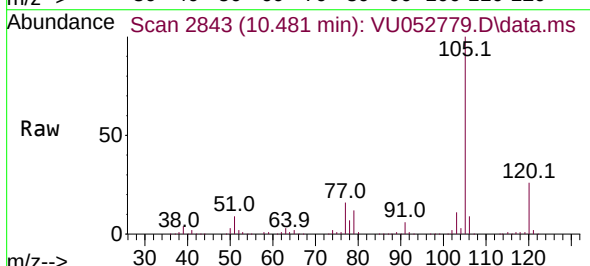
Acq: 23 Jan 2023 18:23

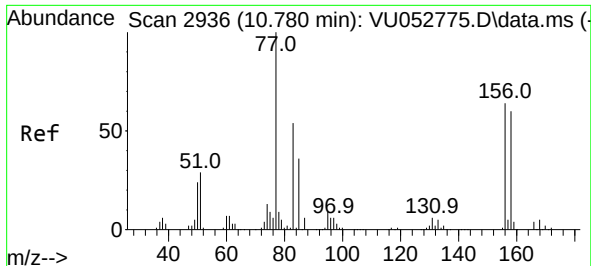
Tgt Ion:105 Resp: 534888

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9

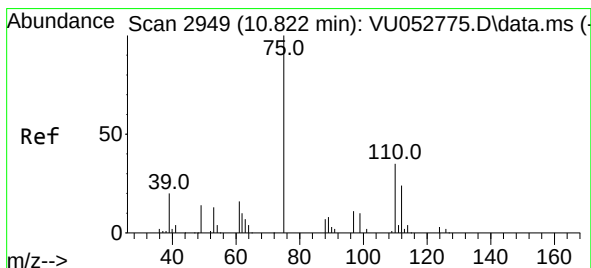
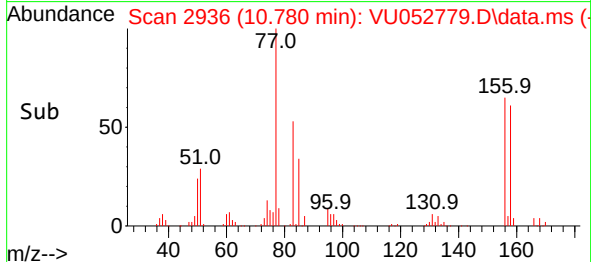
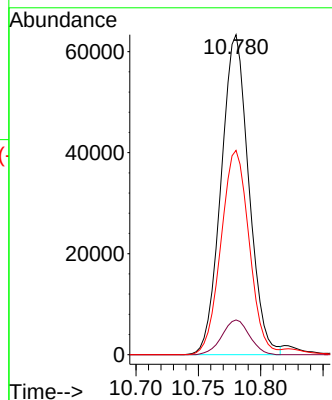
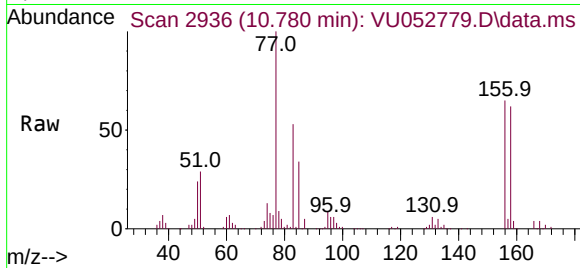




#70
 1,1,2,2-Tetrachloroethane
 Concen: 10.317 ug/l
 RT: 10.780 min Scan# 2936
 Delta R.T. -0.000 min
 Lab File: VU052779.D
 Acq: 23 Jan 2023 18:23

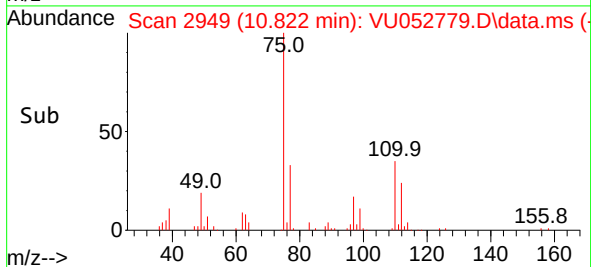
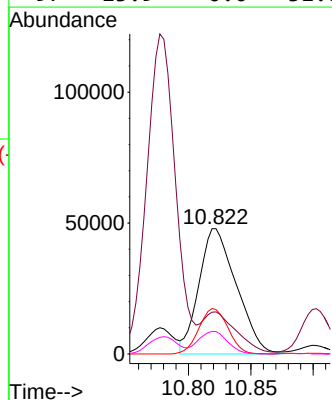
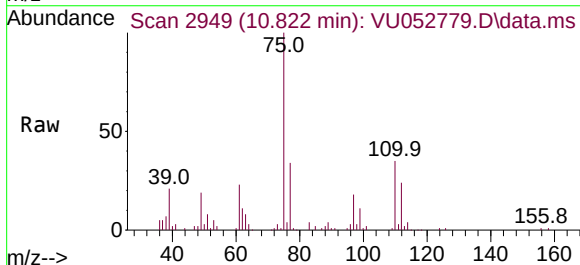
Instrument :
 MSVOA_U
 ClientSampleId :

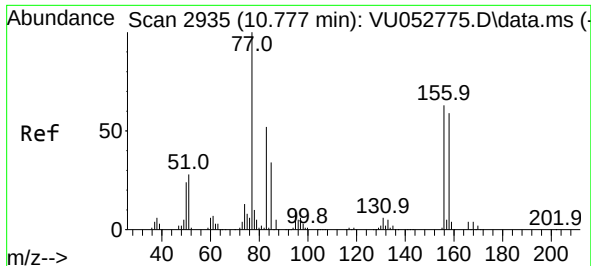
Tgt Ion: 83 Resp: 98162
 Ion Ratio Lower Upper
 83 100
 131 10.7 8.6 13.0
 85 65.1 52.6 78.8



#71
 1,2,3-Trichloropropane
 Concen: 12.113 ug/l
 RT: 10.822 min Scan# 2949
 Delta R.T. -0.000 min
 Lab File: VU052779.D
 Acq: 23 Jan 2023 18:23

Tgt Ion: 75 Resp: 99764
 Ion Ratio Lower Upper
 75 100
 77 28.3 0.0 86.0
 110 28.2 0.0 63.8
 97 13.9 0.0 31.8

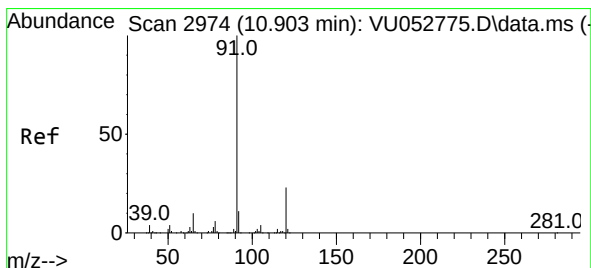
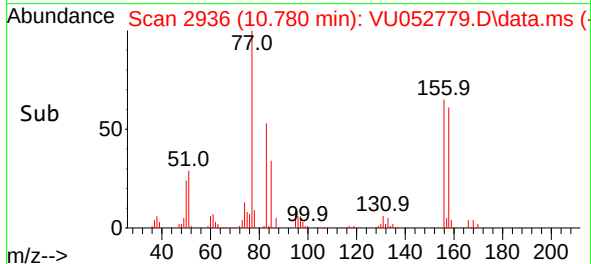
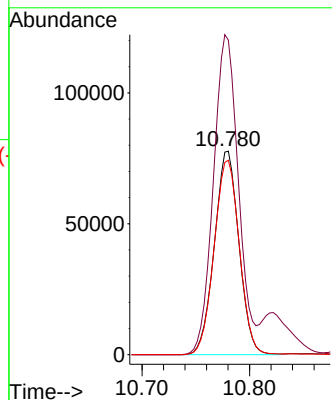
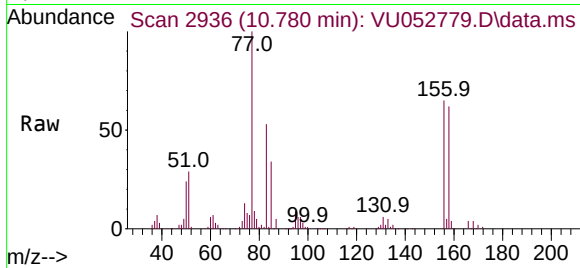




#72
Bromobenzene
Concen: 11.093 ug/l
RT: 10.780 min Scan# 2935
Delta R.T. 0.003 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

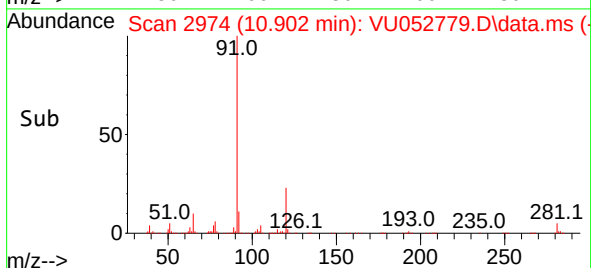
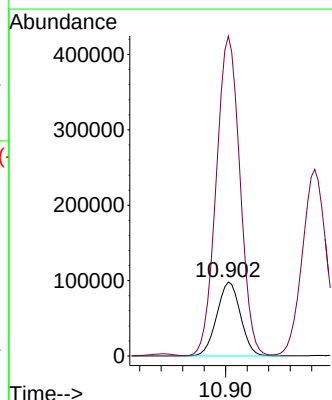
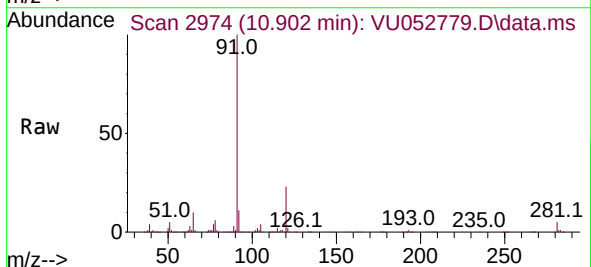
Instrument :
MSVOA_U
ClientSampleId :

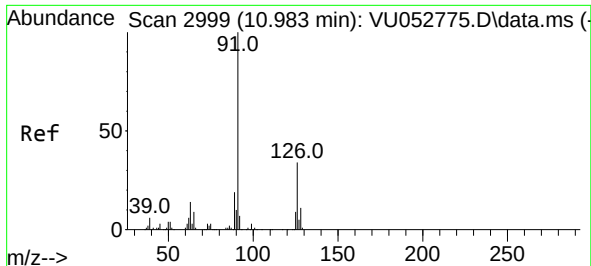
Tgt Ion:156 Resp: 123395
Ion Ratio Lower Upper
156 100
77 159.6 0.0 321.2
158 98.1 0.0 192.0



#73
n-propylbenzene
Concen: 10.126 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. -0.001 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

Tgt Ion:120 Resp: 149710
Ion Ratio Lower Upper
120 100
91 433.4 348.0 522.0

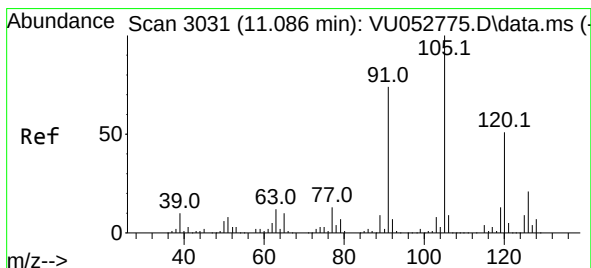
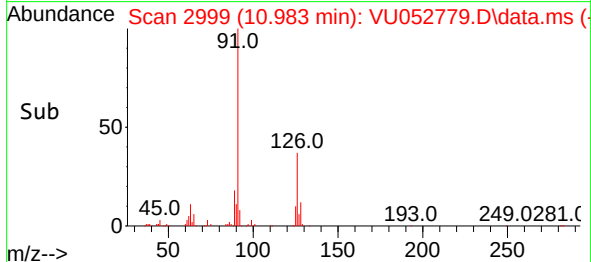
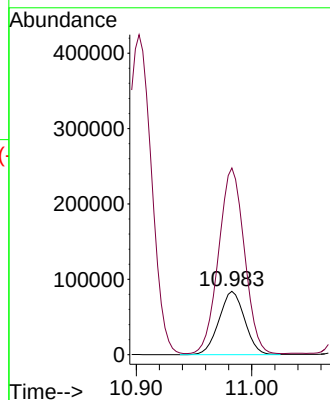
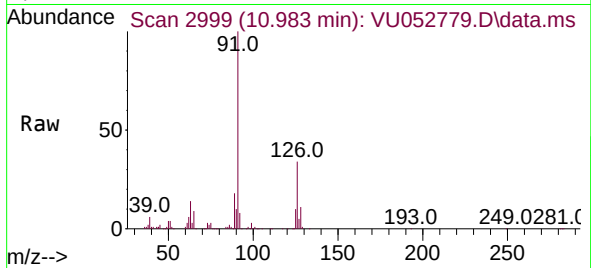




#74
2-Chlorotoluene
Concen: 11.719 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

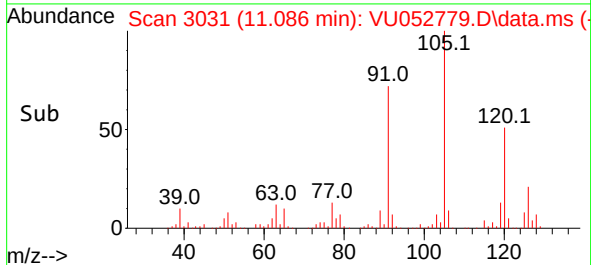
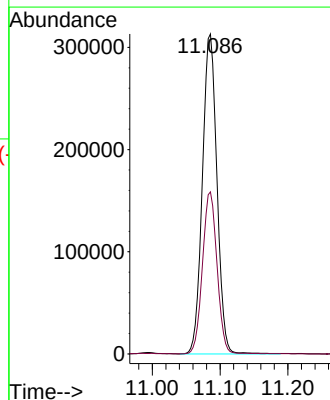
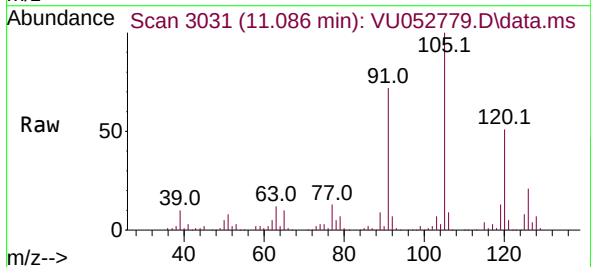
Instrument :
MSVOA_U
ClientSampleId :

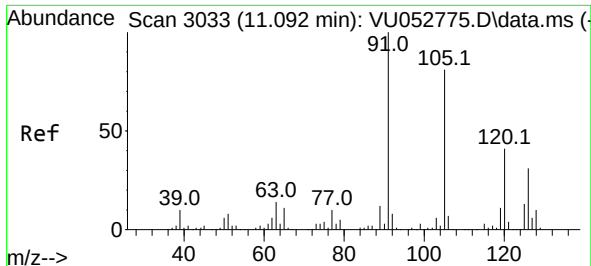
Tgt Ion:126 Resp: 129649
Ion Ratio Lower Upper
126 100
91 294.8 0.0 588.6



#75
1,3,5-Trimethylbenzene
Concen: 10.390 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

Tgt Ion:105 Resp: 468123
Ion Ratio Lower Upper
105 100
120 50.5 39.9 59.9

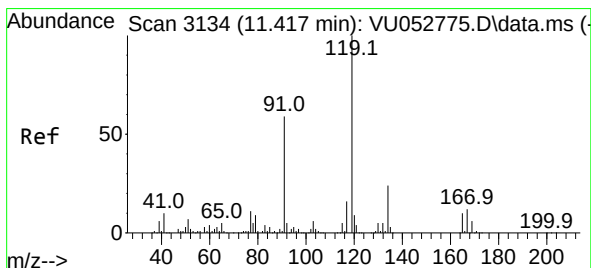
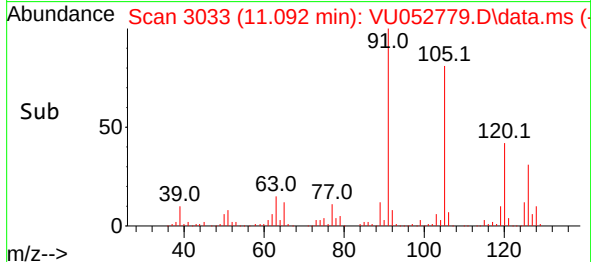
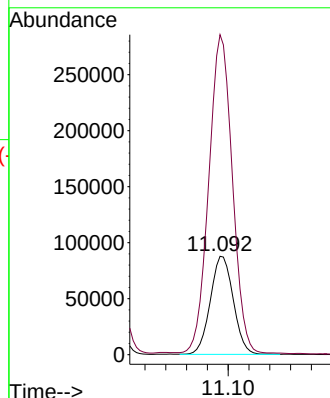
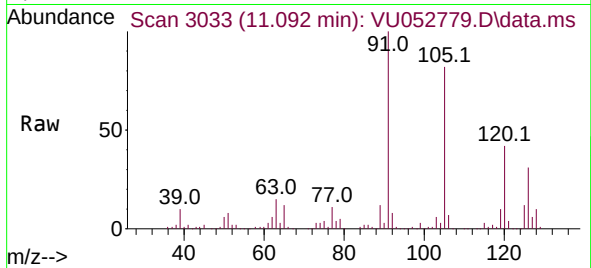




#76
4-Chlorotoluene
Concen: 11.791 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

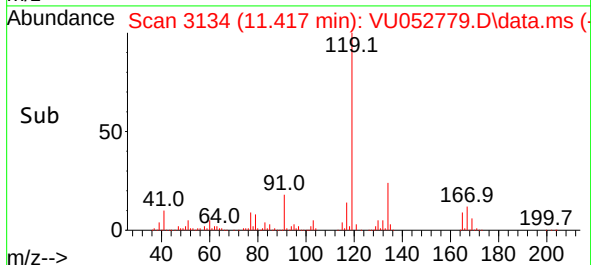
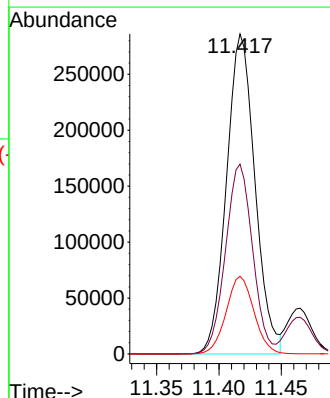
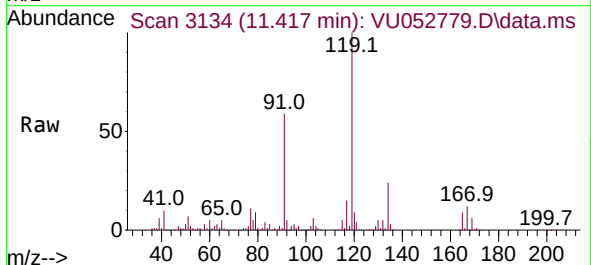
Instrument :
MSVOA_U
ClientSampleId :

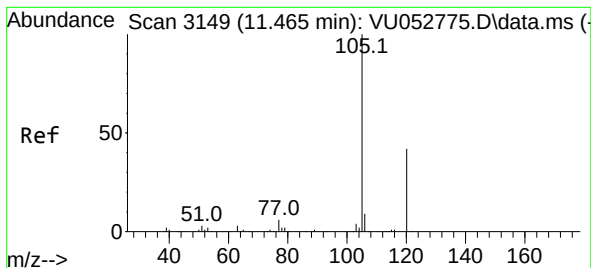
Tgt Ion:126 Resp: 133874
Ion Ratio Lower Upper
126 100
91 334.9 0.0 661.8



#77
tert-Butylbenzene
Concen: 11.953 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

Tgt Ion:119 Resp: 455244
Ion Ratio Lower Upper
119 100
91 56.8 28.4 85.3
134 23.7 18.6 27.8





#78

1,2,4-Trimethylbenzene

Concen: 10.038 ug/l

RT: 11.465 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

Instrument :

MSVOA_U

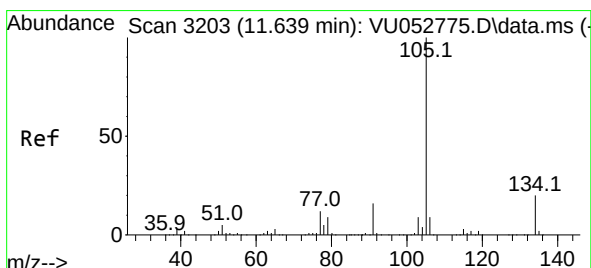
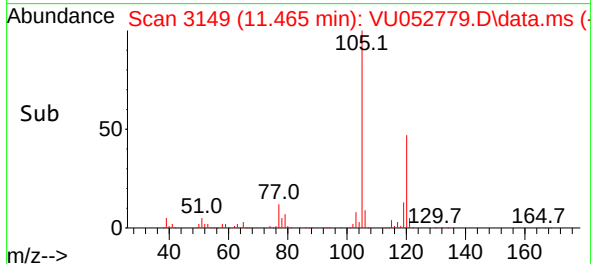
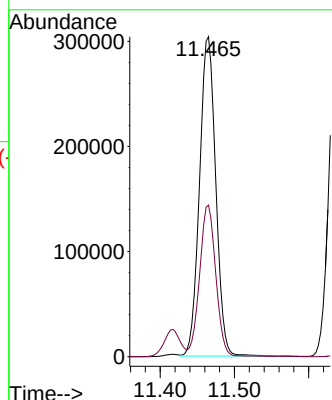
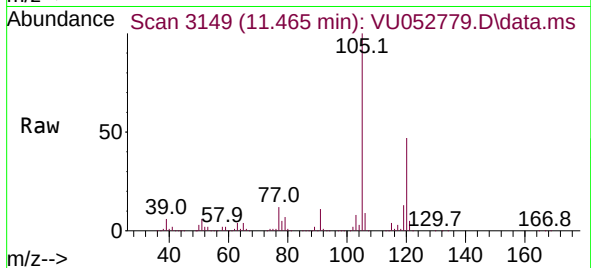
ClientSampleId :

Tgt Ion:105 Resp: 462167

Ion Ratio Lower Upper

105 100

120 46.6 23.4 70.3



#79

sec-Butylbenzene

Concen: 10.127 ug/l

RT: 11.639 min Scan# 3203

Delta R.T. -0.000 min

Lab File: VU052779.D

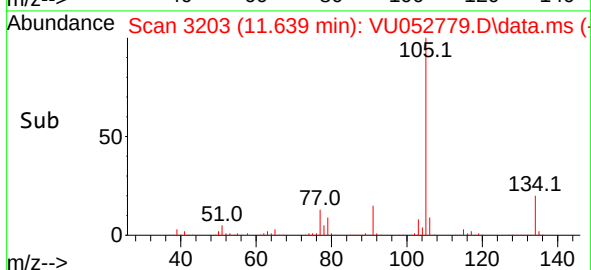
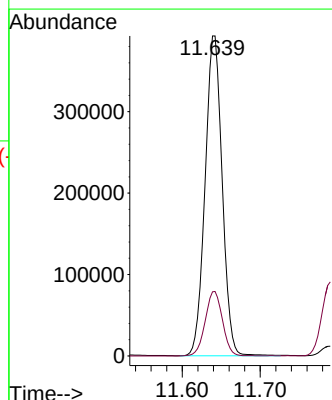
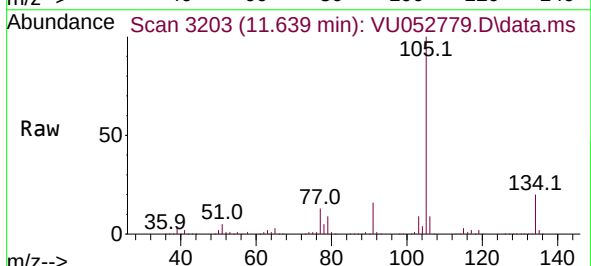
Acq: 23 Jan 2023 18:23

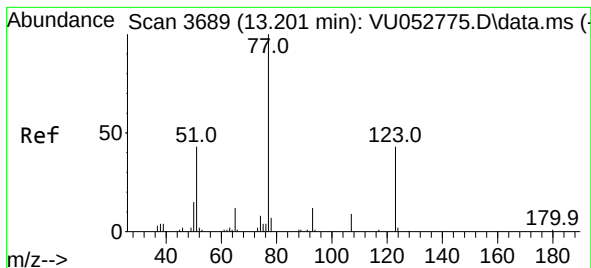
Tgt Ion:105 Resp: 598488

Ion Ratio Lower Upper

105 100

134 20.4 16.5 24.7





#80

Nitrobenzene

Concen: 9.237 ug/l

RT: 13.208 min Scan# 3691

Delta R.T. 0.007 min

Lab File: VU052779.D

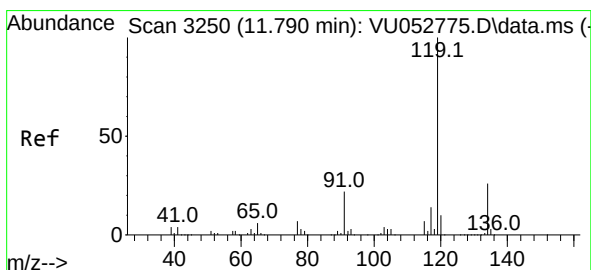
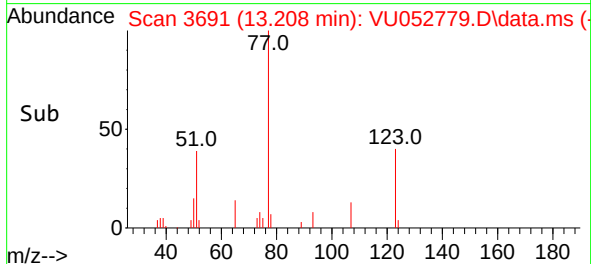
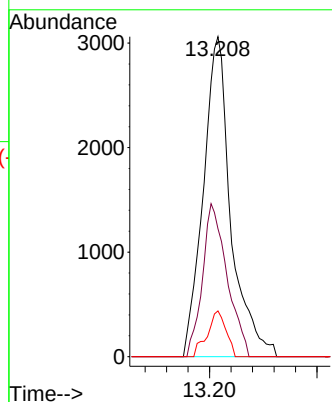
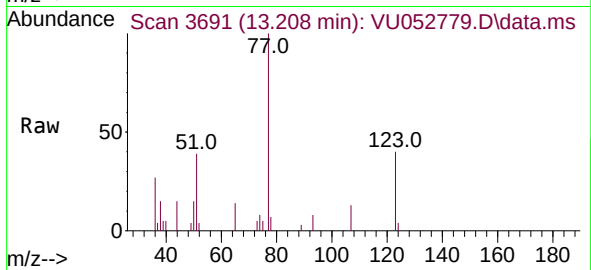
Acq: 23 Jan 2023 18:23

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 77	Resp: 5440
Ion Ratio	Lower Upper
77 100	
123 42.6	18.8 66.8
65 9.7	10.1 12.9#



#81

p-Isopropyltoluene

Concen: 10.086 ug/l

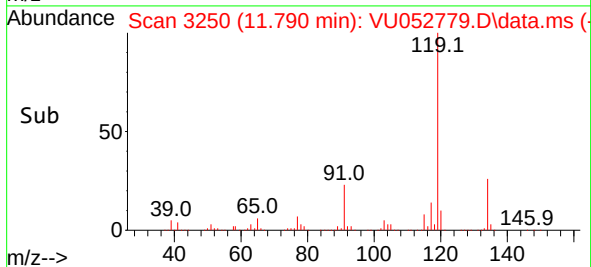
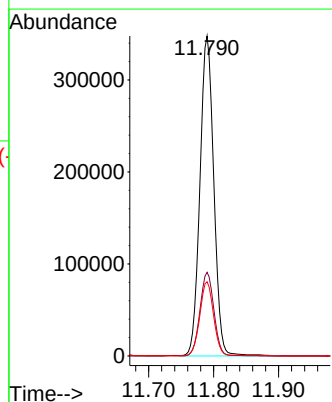
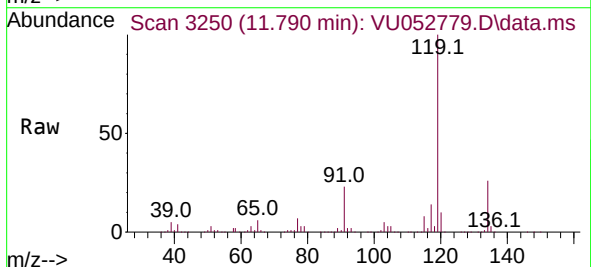
RT: 11.790 min Scan# 3250

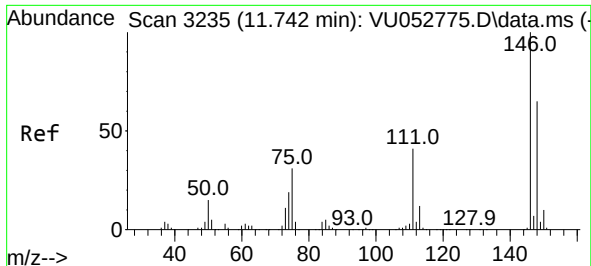
Delta R.T. -0.000 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

Tgt Ion: 119	Resp: 517310
Ion Ratio	Lower Upper
119 100	
134 26.1	20.7 31.1
91 22.9	17.6 26.4





#82

1,3-Dichlorobenzene

Concen: 11.399 ug/l

RT: 11.742 min Scan# 3235

Delta R.T. -0.000 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

Instrument :

MSVOA_U

ClientSampleId :

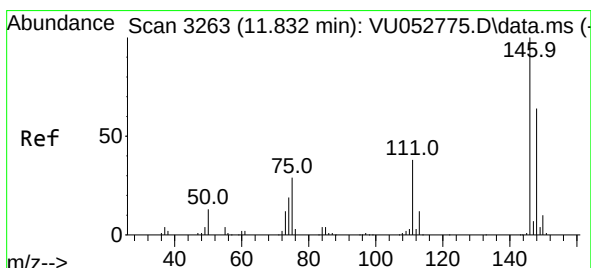
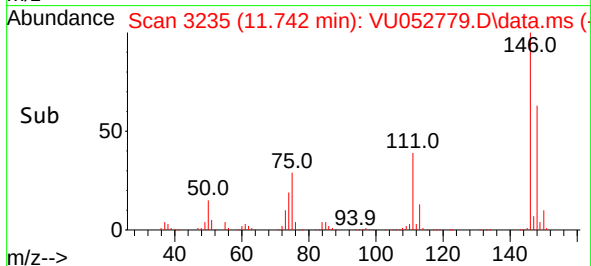
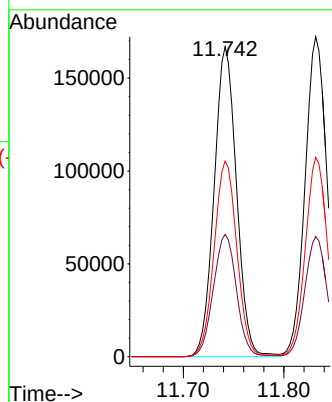
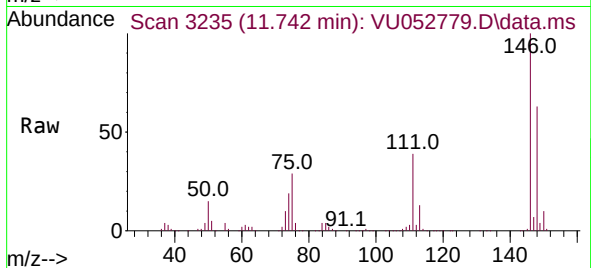
Tgt Ion:146 Resp: 258884

Ion Ratio Lower Upper

146 100

111 40.7 32.6 48.8

148 64.3 51.9 77.9



#83

1,4-Dichlorobenzene

Concen: 11.447 ug/l

RT: 11.832 min Scan# 3263

Delta R.T. -0.000 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

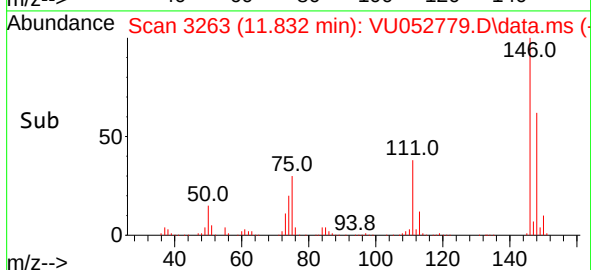
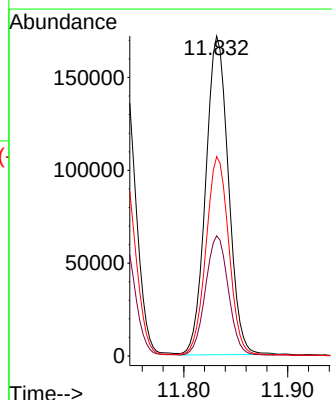
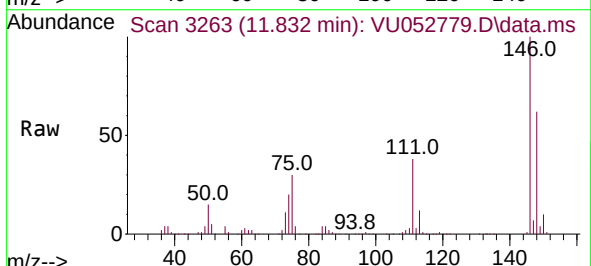
Tgt Ion:146 Resp: 261008

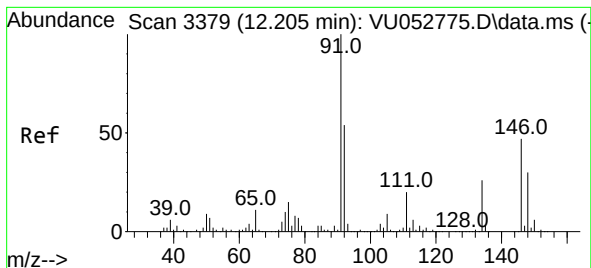
Ion Ratio Lower Upper

146 100

111 37.7 29.5 44.3

148 63.0 51.4 77.0





#84

n-Butylbenzene

Concen: 9.971 ug/l

RT: 12.205 min Scan# 3379

Delta R.T. -0.000 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

Instrument :

MSVOA_U

ClientSampleId :

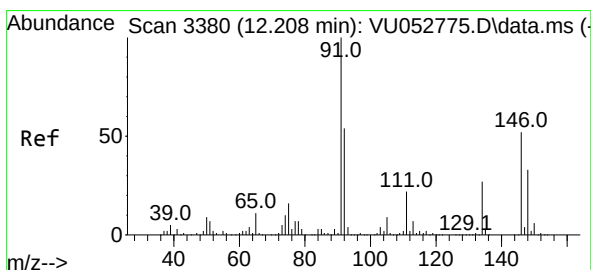
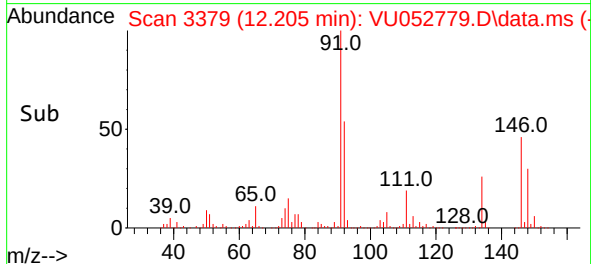
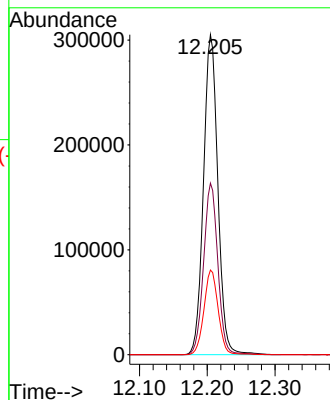
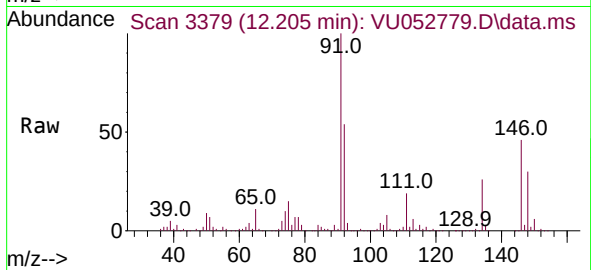
Tgt Ion: 91 Resp: 449145

Ion Ratio Lower Upper

91 100

92 53.1 43.4 65.0

134 26.2 21.2 31.8



#85

1,2-Dichlorobenzene

Concen: 11.233 ug/l

RT: 12.208 min Scan# 3380

Delta R.T. -0.000 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

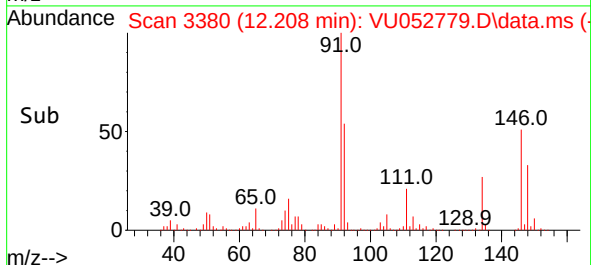
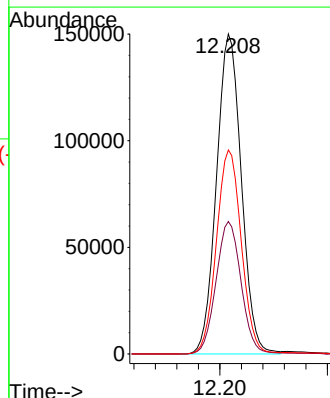
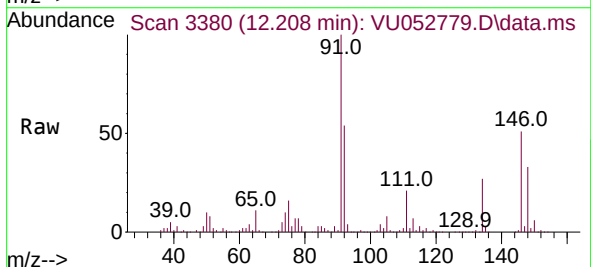
Tgt Ion:146 Resp: 240748

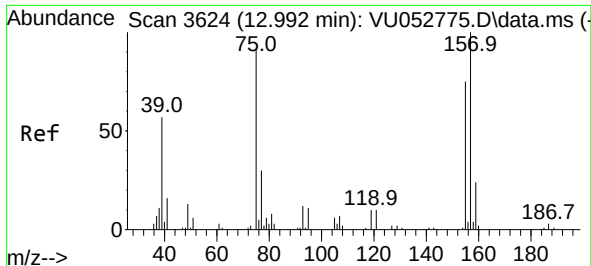
Ion Ratio Lower Upper

146 100

111 41.8 20.8 62.5

148 64.4 31.4 94.2

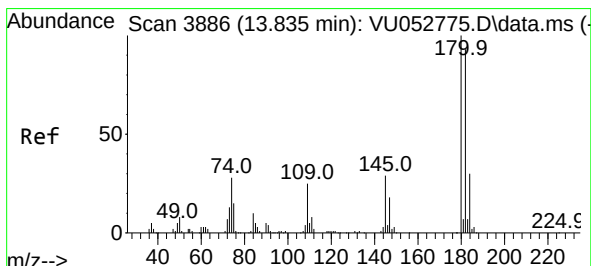
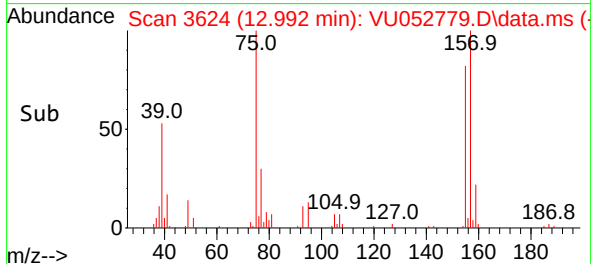
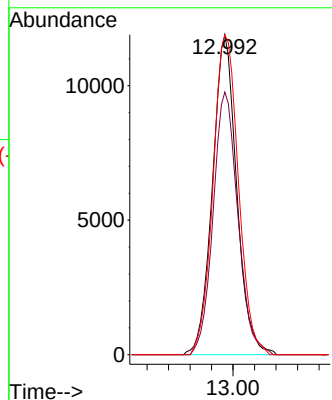
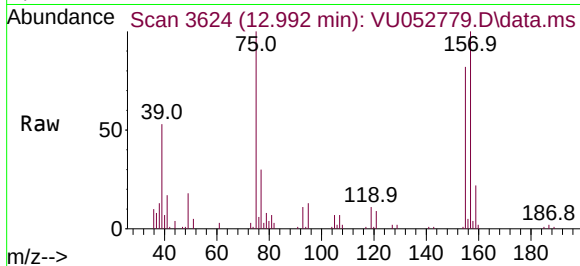




#86
1,2-Dibromo-3-Chloropropane
Concen: 10.522 ug/l
RT: 12.992 min Scan# 30
Delta R.T. -0.000 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

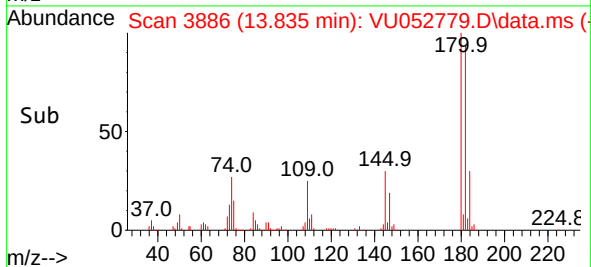
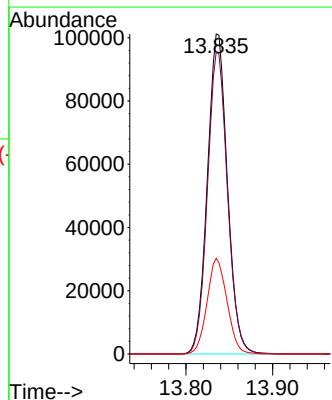
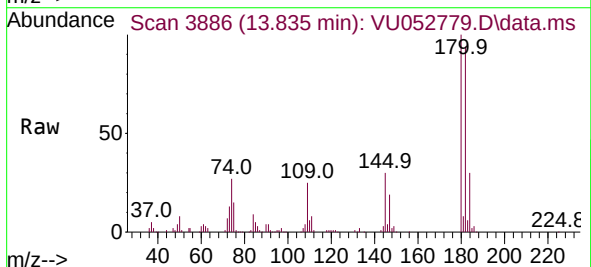
Instrument :
MSVOA_U
ClientSampleId :

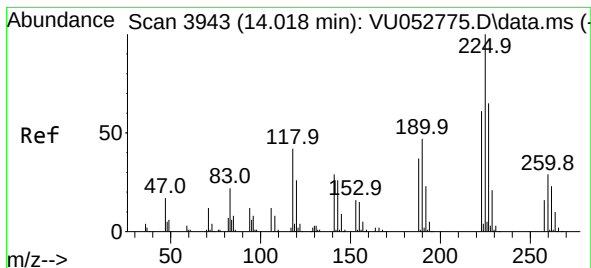
Tgt Ion: 75 Resp: 18543
Ion Ratio Lower Upper
75 100
155 84.1 66.0 99.0
157 105.0 85.9 128.9



#87
1,2,4-Trichlorobenzene
Concen: 12.656 ug/l
RT: 13.835 min Scan# 3886
Delta R.T. -0.000 min
Lab File: VU052779.D
Acq: 23 Jan 2023 18:23

Tgt Ion:180 Resp: 162685
Ion Ratio Lower Upper
180 100
182 94.5 74.6 112.0
145 29.8 23.4 35.0





#88

Hexachlorobutadiene

Concen: 11.136 ug/l

RT: 14.018 min Scan# 3943

Delta R.T. -0.000 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

Instrument :

MSVOA_U

ClientSampleId :

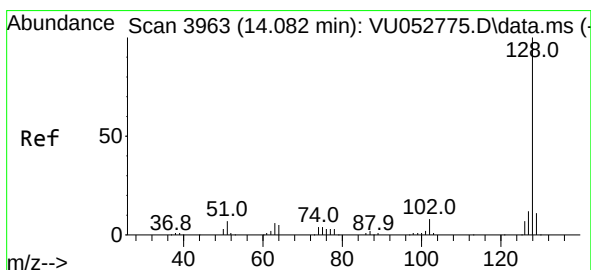
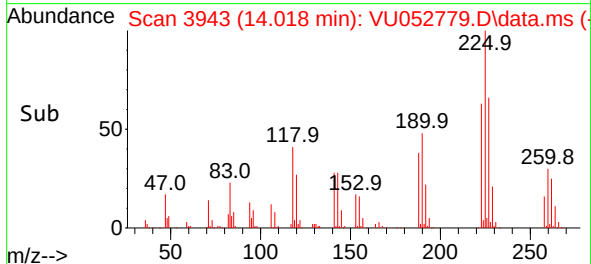
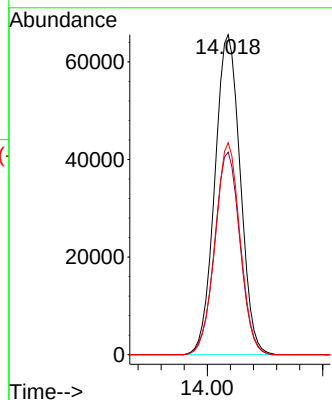
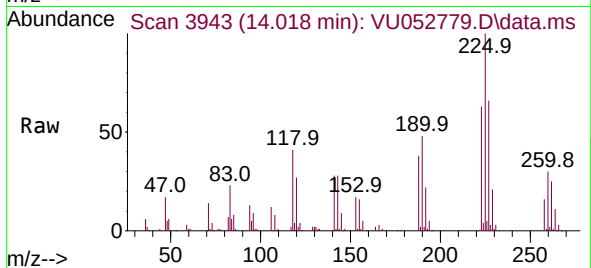
Tgt Ion:225 Resp: 100331

Ion Ratio Lower Upper

225 100

223 63.3 49.8 74.6

227 64.9 51.5 77.3



#89

Naphthalene

Concen: 11.216 ug/l

RT: 14.082 min Scan# 3963

Delta R.T. -0.000 min

Lab File: VU052779.D

Acq: 23 Jan 2023 18:23

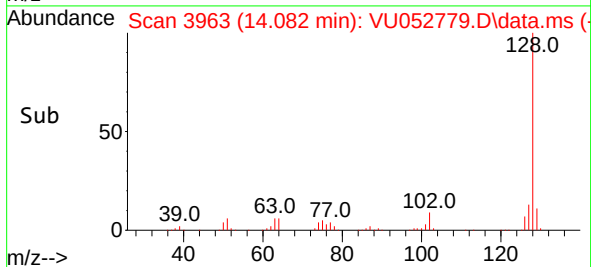
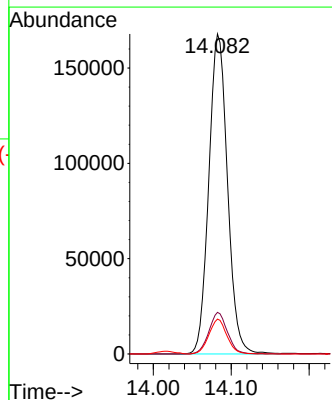
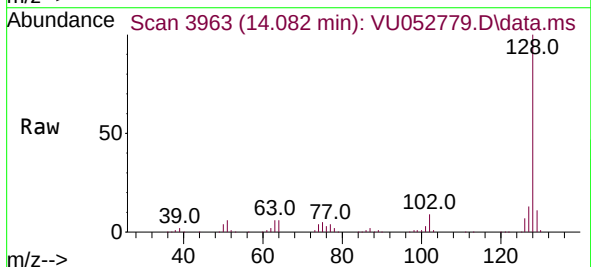
Tgt Ion:128 Resp: 279525

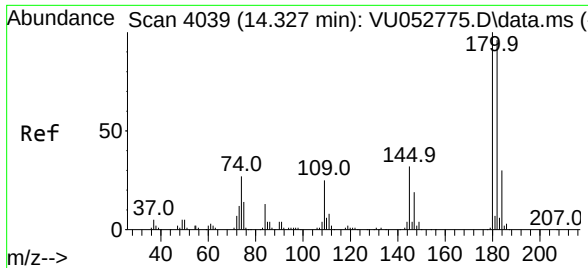
Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

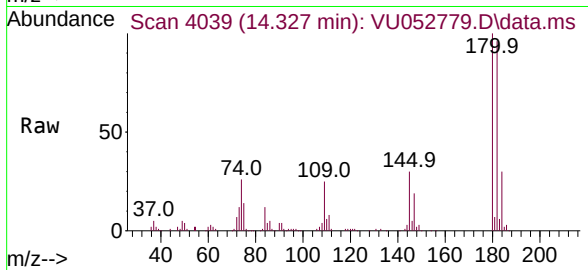
129 10.5 8.6 12.8





#90
 1,2,3-Trichlorobenzene
 Concen: 12.294 ug/l
 RT: 14.327 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: VU052779.D
 Acq: 23 Jan 2023 18:23

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	150004
Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.8	116.6
145	30.6	25.2	37.8

