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 Data File : VU060267.D
 Acq On : 30 Jul 2024 16:21
 Operator : MD/SY
 Sample : VSTDICC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 31 04:34:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U073024DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 31 04:32:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.106	96	41186	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	13665	0.984	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	15390	1.032	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	30249	2.050	ug/l	100
3) Chloromethane	1.521	50	35929	2.024	ug/l	98
4) Vinyl Chloride	1.602	62	35420	2.061	ug/l	98
5) Bromomethane	1.849	94	20758	1.986	ug/l	99
6) Chloroethane	1.930	64	20578	1.992	ug/l	94
7) Trichlorofluoromethane	2.136	101	40300	2.075	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	22036	2.031	ug/l	99
9) 1,1-Dichloroethene	2.576	96	23553	2.130	ug/l	99
10) Iodomethane	2.718	142	27911	2.072	ug/l	99
11) Allyl Chloride	2.917	41	33438	2.091	ug/l	100
12) Acrylonitrile	3.309	53	11370	3.653	ug/l	89
13) Acetone	2.621	43	29924	8.997	ug/l	98
14) Carbon Disulfide	2.788	76	81668	2.091	ug/l	98
15) Methylene Chloride	3.039	84	29564	1.915	ug/l	96
16) trans-1,2-Dichloroethene	3.345	96	25726	2.110	ug/l	91
17) 1,1-Dichloroethane	3.859	63	48369	2.067	ug/l	98
18) 2-Butanone	4.714	43	41321	9.593	ug/l	99
19) Cyclohexane	5.370	56	39744	1.878	ug/l	92
20) Methylcyclohexane	6.753	83	31234	1.873	ug/l	96
21) 2,2-Dichloropropane	4.653	77	34853	2.002	ug/l	98
22) cis-1,2-Dichloroethene	4.656	96	27302	2.080	ug/l	99
23) Diethyl Ether	2.374	59	19376	2.047	ug/l	99
24) tert-Butyl Alcohol	3.181	59	21315	19.661	ug/l	98
25) Methyl tert-Butyl Ether	3.361	73	57913	2.040	ug/l	97
26) Bromochloromethane	4.965	128	10850	2.054	ug/l	98
27) Chloroform	5.081	83	46630	2.055	ug/l	97
28) 1,1,1-Trichloroethane	5.306	97	39206	2.097	ug/l	99
29) 1,1-Dichloropropene	5.512	75	30866	2.035	ug/l	98
30) Carbon Tetrachloride	5.508	117	31257	2.060	ug/l	97
31) Isopropyl Ether	3.994	45	72542	2.060	ug/l	98
32) Ethyl-t-butyl ether	4.505	59	68633	2.081	ug/l	99
33) Tert-Amyl methyl ether	5.946	73	45328	1.920	ug/l	98
34) Propionitrile	4.775	54	12503	10.186	ug/l #	97
35) Benzene	5.762	78	95671	2.031	ug/l	99
36) 1,2-Dichloroethane	5.791	62	27901	2.051	ug/l	97
37) Trichloroethene	6.534	130	23320	2.007	ug/l	98
38) 1,2-Dichloropropane	6.788	63	26987	2.059	ug/l	99
39) Methacrylonitrile	4.975	41	9503	2.016	ug/l	95
40) Methyl acrylate	4.849	55	15295	1.976	ug/l	97
41) Tetrahydrofuran	5.062	42	10447	4.267	ug/l	97
42) 1-Chlorobutane	5.447	56	43666	2.044	ug/l	98
43) Dibromomethane	6.914	93	13073	2.014	ug/l	99
44) Bromodichloromethane	7.103	83	31594	2.037	ug/l	100

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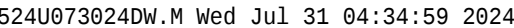
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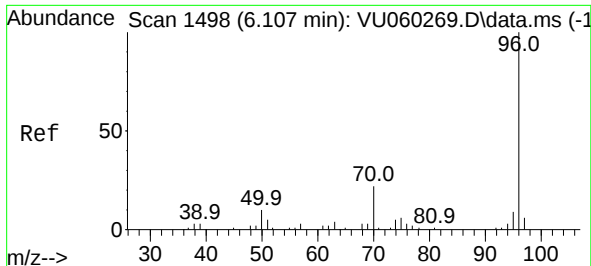
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 31 04:32:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	61213	9.373	ug/l	96
46) t-1,4-Dichloro-2-butene	10.820	75	27083	9.904	ug/l #	46
47) Methyl methacrylate	6.968	69	21366	3.767	ug/l	97
48) Ethyl methacrylate	8.335	69	17790	2.032	ug/l	96
49) Toluene	7.965	92	50839	1.945	ug/l	99
50) t-1,3-Dichloropropene	8.209	75	26126	1.999	ug/l	98
51) cis-1,3-Dichloropropene	7.605	75	31599	2.028	ug/l	98
52) 1,1,2-Trichloroethane	8.399	97	19404	2.070	ug/l	95
53) 1,3-Dichloropropane	8.573	76	31225	2.025	ug/l	100
54) 2-Hexanone	8.688	43	44194	9.067	ug/l	92
55) Dibromochloromethane	8.804	129	20738	2.014	ug/l	98
56) 1,2-Dibromoethane	8.920	107	17440	2.062	ug/l	97
58) Tetrachloroethene	8.547	164	22319	2.027	ug/l	98
59) Chlorobenzene	9.444	112	55061	1.963	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.531	131	22214	2.059	ug/l	97
61) Pentachloroethane	11.421	117	17772	2.077	ug/l	96
62) Hexachloroethane	12.470	117	17059	2.004	ug/l	99
63) Ethyl Benzene	9.566	91	81731	1.974	ug/l	97
64) m/p-Xylenes	9.688	106	65367	3.876	ug/l	98
65) o-Xylene	10.097	106	32296	2.015	ug/l	100
66) Styrene	10.113	104	50914	1.932	ug/l	97
67) Bromoform	10.286	173	12216	2.013	ug/l #	94
69) Isopropylbenzene	10.479	105	81776	2.011	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	25875	2.059	ug/l	98
71) 1,2,3-Trichloropropane	10.820	75	27083	2.977	ug/l #	57
72) Bromobenzene	10.778	156	22852	2.008	ug/l	98
73) n-propylbenzene	10.901	120	21903	1.994	ug/l	98
74) 2-Chlorotoluene	10.981	126	21410	1.883	ug/l	99
75) 1,3,5-Trimethylbenzene	11.084	105	69337	1.959	ug/l	100
76) 4-Chlorotoluene	11.093	126	22129	1.988	ug/l	97
77) tert-Butylbenzene	11.415	119	68442	2.043	ug/l	100
78) 1,2,4-Trimethylbenzene	11.463	105	69131	1.971	ug/l	99
79) sec-Butylbenzene	11.640	105	93856	2.025	ug/l	99
80) Nitrobenzene	13.216	77	4246	7.264	ug/l #	88
81) p-Isopropyltoluene	11.788	119	69664	1.979	ug/l	97
82) 1,3-Dichlorobenzene	11.743	146	46427	2.015	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	45503	2.002	ug/l	98
84) n-Butylbenzene	12.206	91	62307	2.002	ug/l	97
85) 1,2-Dichlorobenzene	12.209	146	45182	2.020	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.994	75	3550	2.003	ug/l	96
87) 1,2,4-Trichlorobenzene	13.839	180	22444	1.915	ug/l	99
88) Hexachlorobutadiene	14.016	225	15356	1.992	ug/l	98
89) Naphthalene	14.087	128	35270	2.129	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	21064	2.074	ug/l	99

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

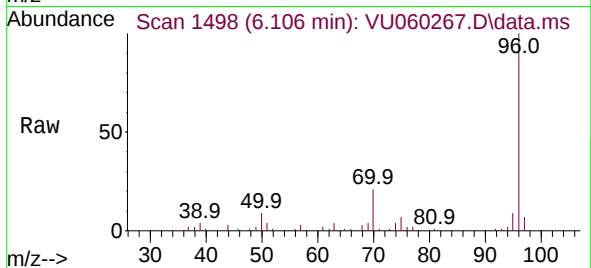
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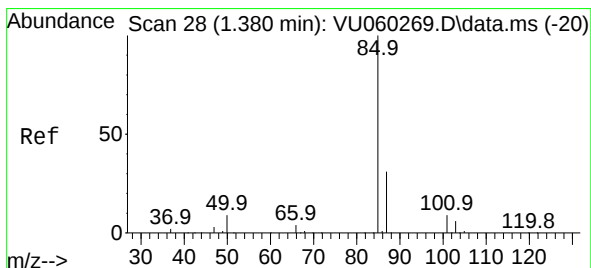
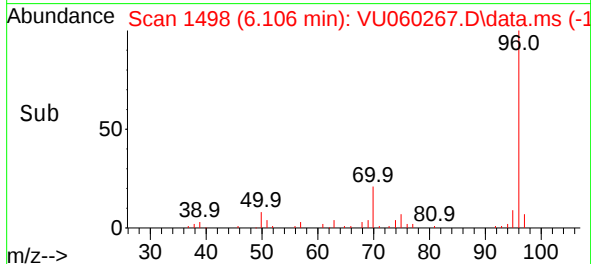
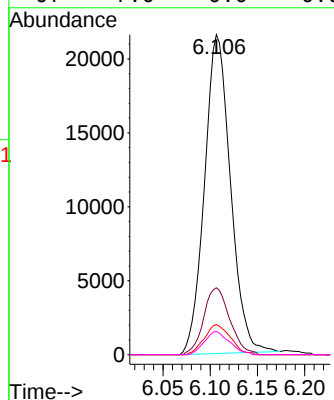


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.106 min Scan# 14
Delta R.T. -0.001 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

Instrument :
MSVOA_U
ClientSampleId :

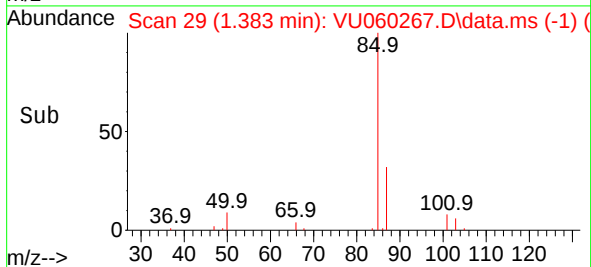
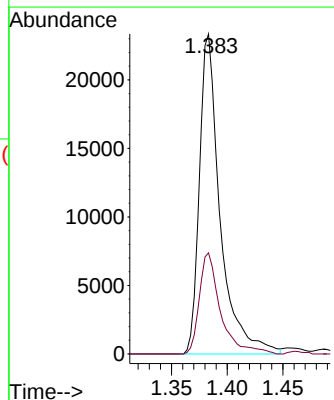
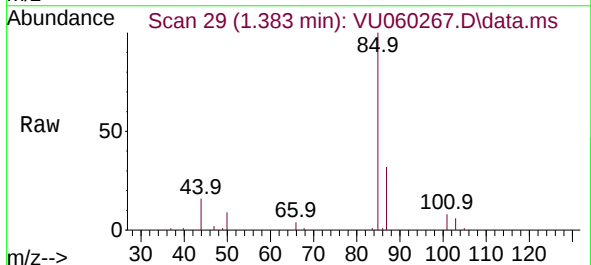


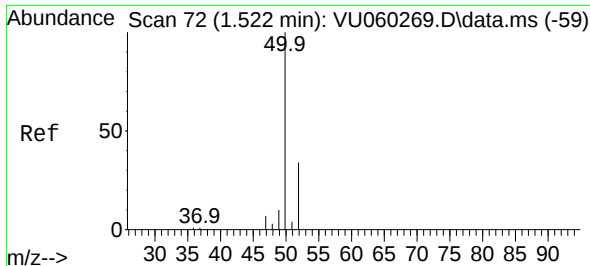
Tgt Ion: 96 Resp: 41186
Ion Ratio Lower Upper
96 100
70 21.1 17.0 25.4
95 9.5 7.6 11.4
97 7.0 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 2.050 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

Tgt Ion: 85 Resp: 30249
Ion Ratio Lower Upper
85 100
87 31.6 15.7 47.1

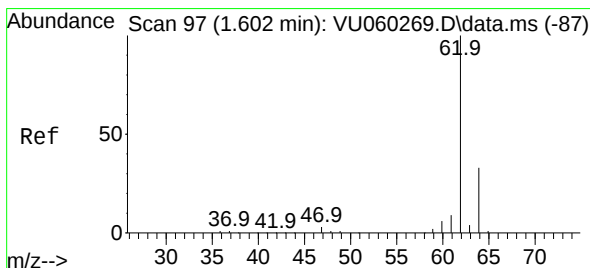
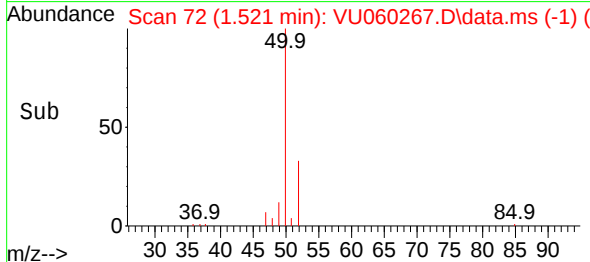
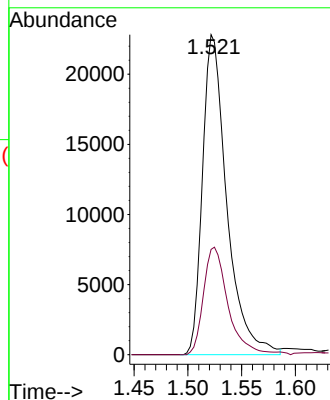
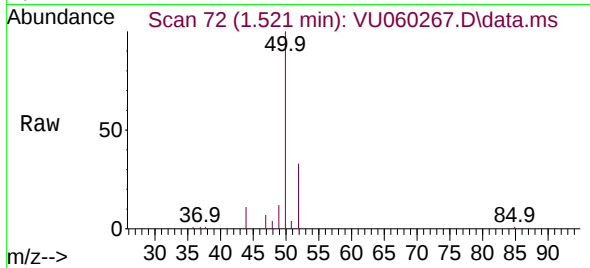




#3
Chloromethane
Concen: 2.024 ug/l
RT: 1.521 min Scan# 72
Delta R.T. -0.000 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

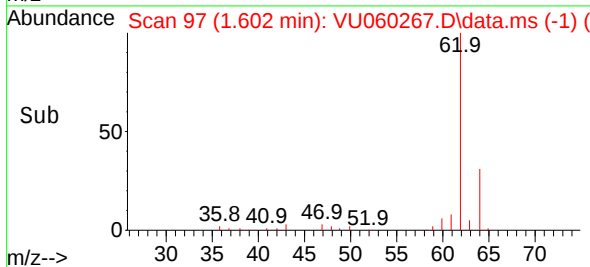
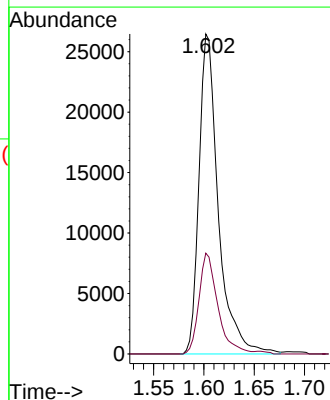
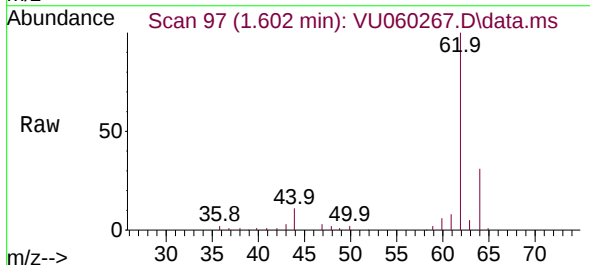
Instrument :
MSVOA_U
ClientSampleId :

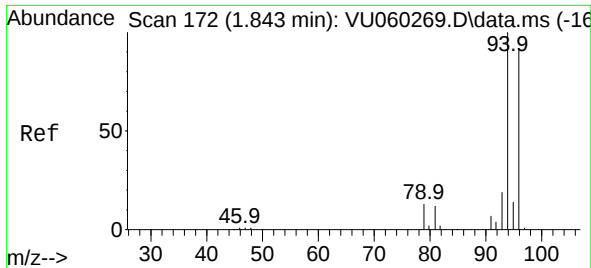
Tgt Ion: 50 Resp: 35929
Ion Ratio Lower Upper
50 100
52 32.9 27.2 40.8



#4
Vinyl Chloride
Concen: 2.061 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

Tgt Ion: 62 Resp: 35420
Ion Ratio Lower Upper
62 100
64 31.5 26.2 39.2

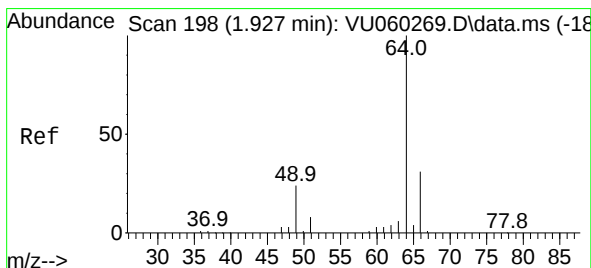
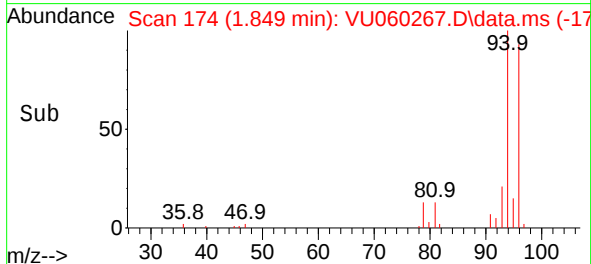
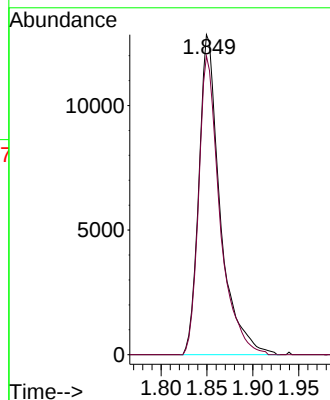
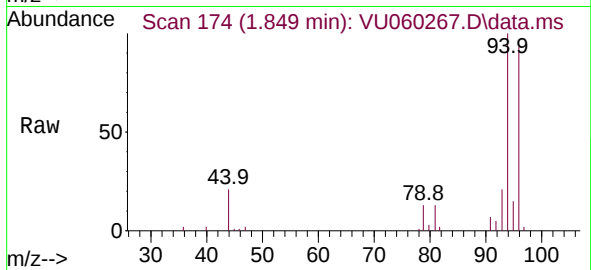




#5
Bromomethane
Concen: 1.986 ug/l
RT: 1.849 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

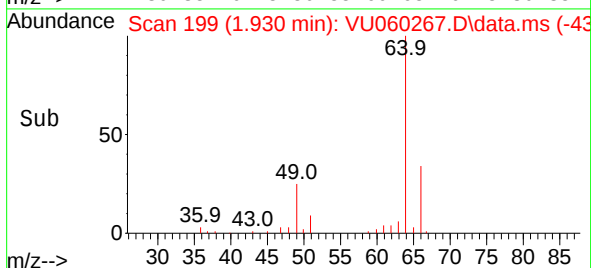
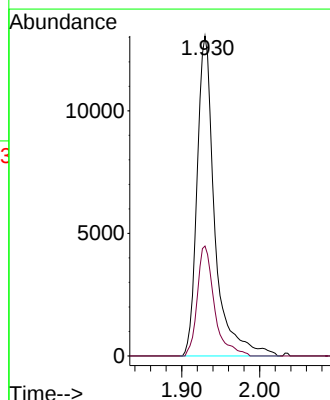
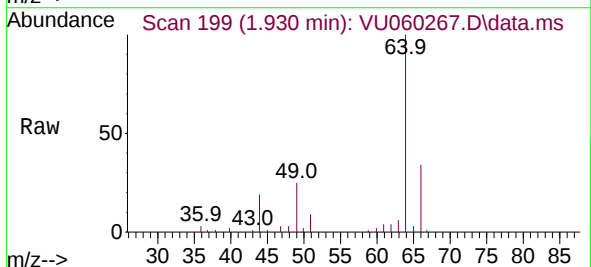
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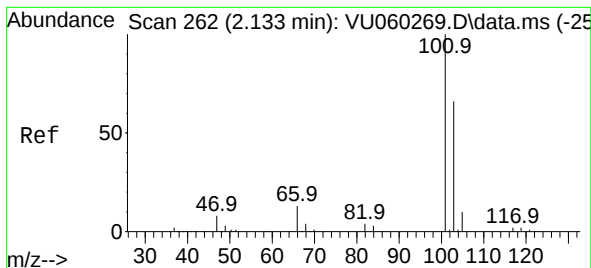
Tgt Ion: 94 Resp: 20758
Ion Ratio Lower Upper
94 100
96 93.3 73.8 110.8



#6
Chloroethane
Concen: 1.992 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.003 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

Tgt Ion: 64 Resp: 20578
Ion Ratio Lower Upper
64 100
66 34.3 25.0 37.6





#7

Trichlorofluoromethane

Concen: 2.075 ug/l

RT: 2.136 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA_U

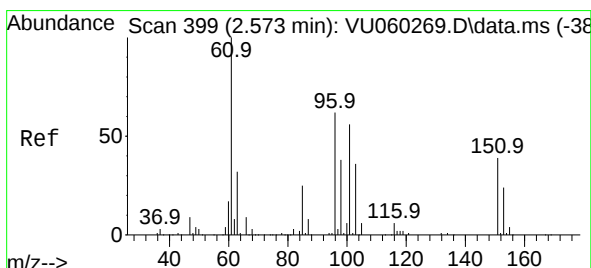
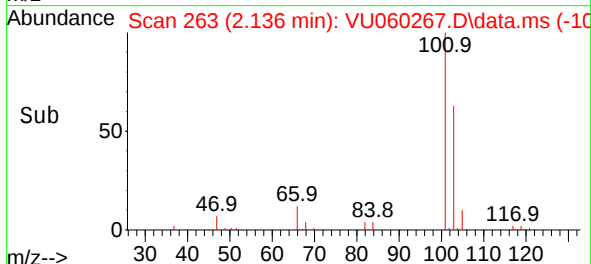
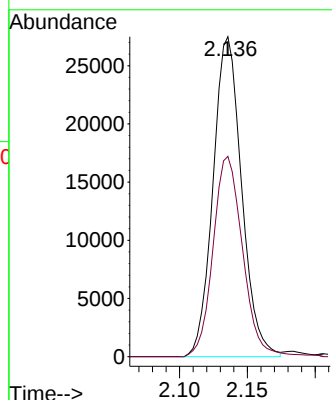
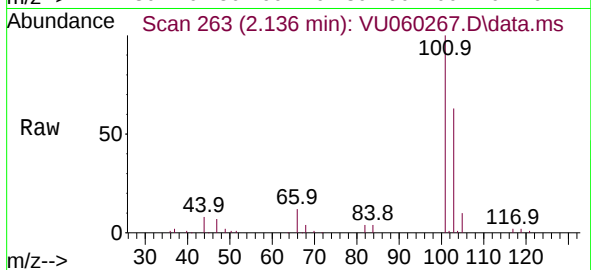
ClientSampleId :

Tgt Ion:101 Resp: 40300

Ion Ratio Lower Upper

101 100

103 62.6 52.6 78.8



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.031 ug/l

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

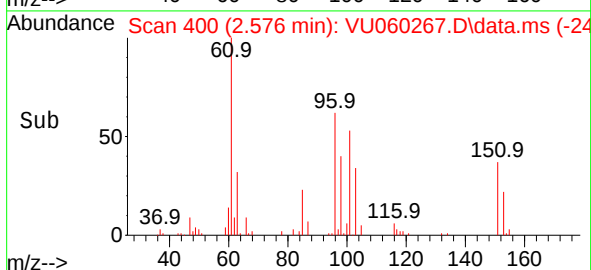
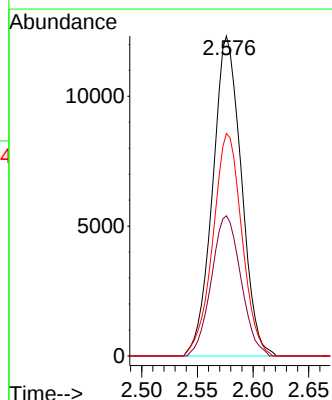
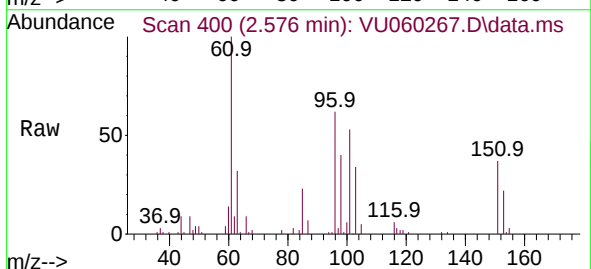
Tgt Ion:101 Resp: 22036

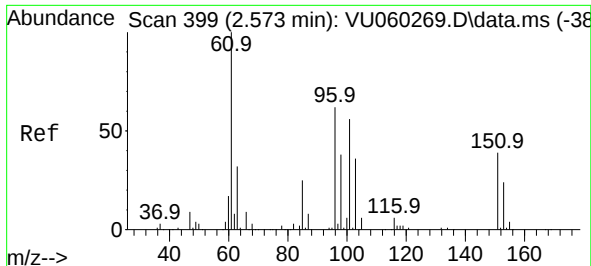
Ion Ratio Lower Upper

101 100

85 45.1 35.7 53.5

151 70.7 56.0 84.0

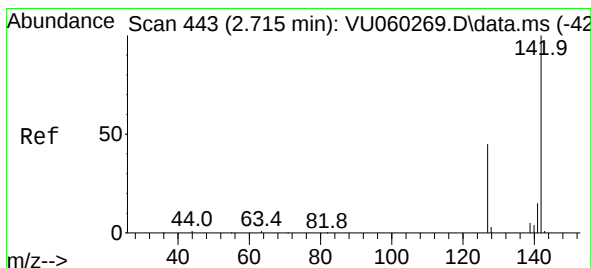
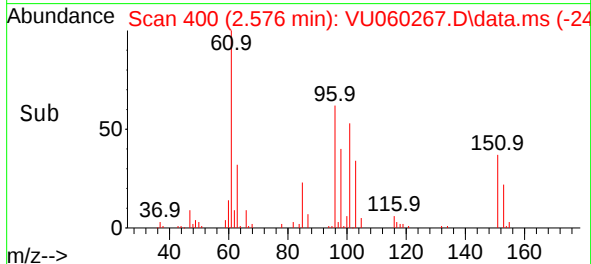
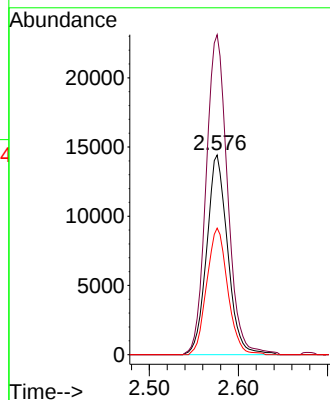
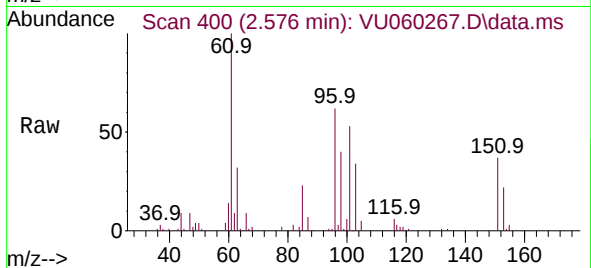




#9
1,1-Dichloroethene
Concen: 2.130 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

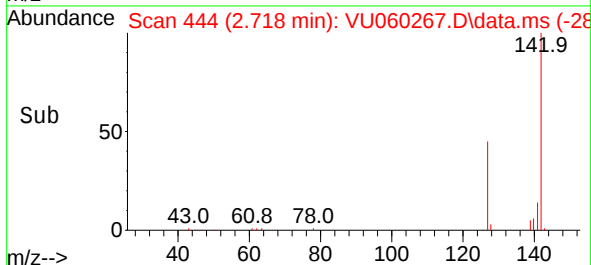
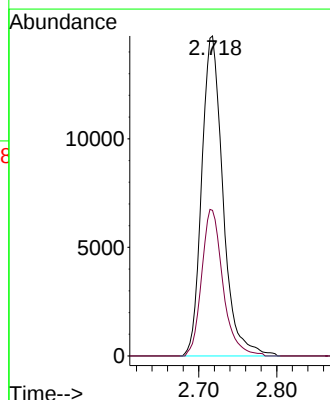
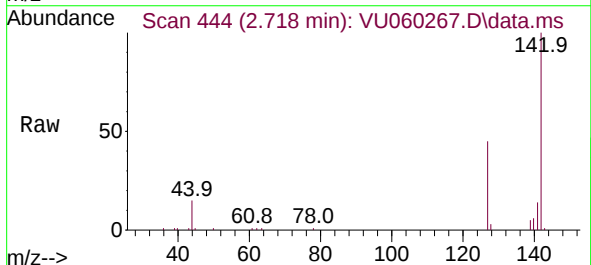
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MSVOA_U
ClientSampleId :

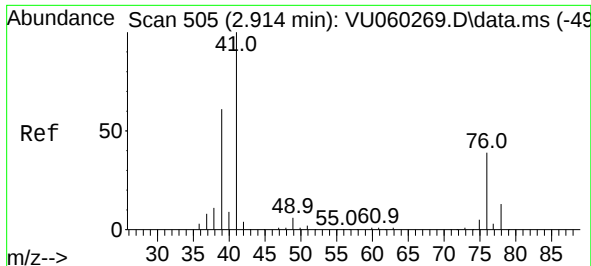
Tgt Ion: 96 Resp: 23553
Ion Ratio Lower Upper
96 100
61 160.2 0.0 482.4
98 63.4 0.0 121.4



#10
Iodomethane
Concen: 2.072 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.003 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

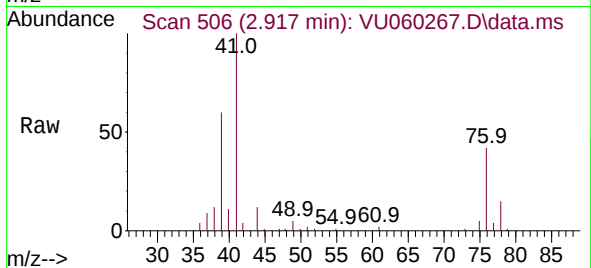
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Ion Ratio Lower Upper
142 100
127 45.8 36.1 54.1



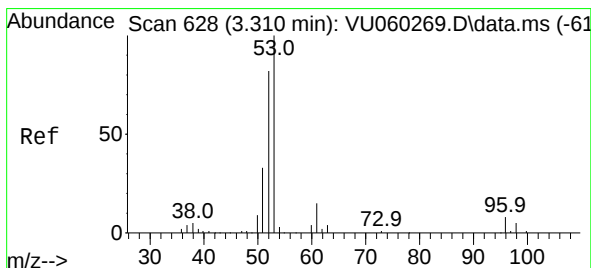
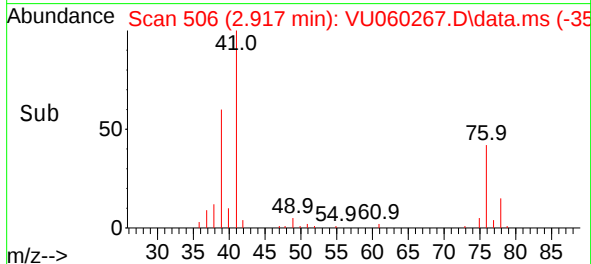
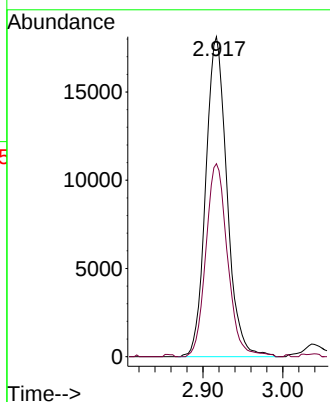


#11
 Allyl Chloride
 Concen: 2.091 ug/l
 RT: 2.917 min Scan# 505
 Delta R.T. 0.003 min
 Lab File: VU060267.D
 Acq: 30 Jul 2024 16:21

Instrument :
 MSVOA_U
 ClientSampleId :

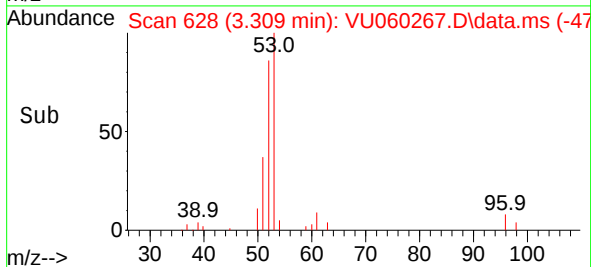
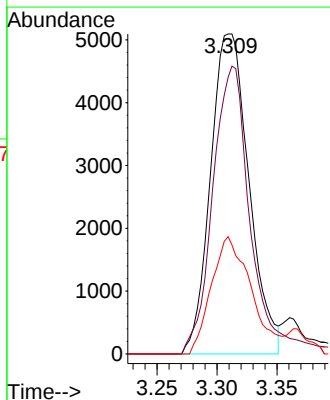
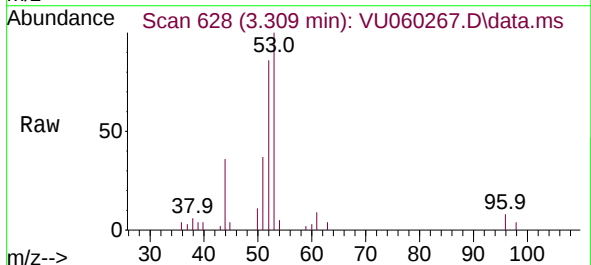


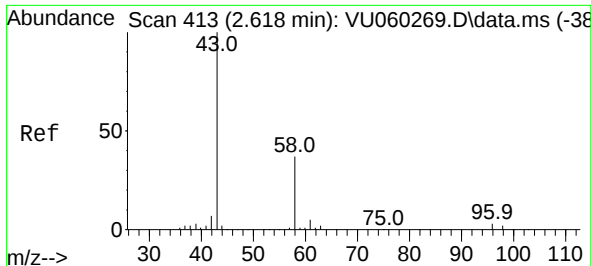
Tgt Ion: 41 Resp: 33438
 Ion Ratio Lower Upper
 41 100
 39 61.6 49.0 73.6



#12
 Acrylonitrile
 Concen: 3.653 ug/l
 RT: 3.309 min Scan# 628
 Delta R.T. -0.000 min
 Lab File: VU060267.D
 Acq: 30 Jul 2024 16:21

Tgt Ion: 53 Resp: 11370
 Ion Ratio Lower Upper
 53 100
 52 88.3 62.6 94.0
 51 38.0 25.8 38.8





#13

Acetone

Concen: 8.997 ug/l

RT: 2.621 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA_U

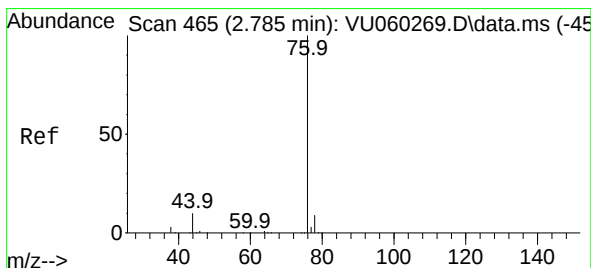
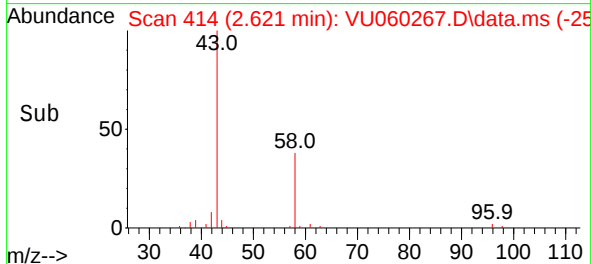
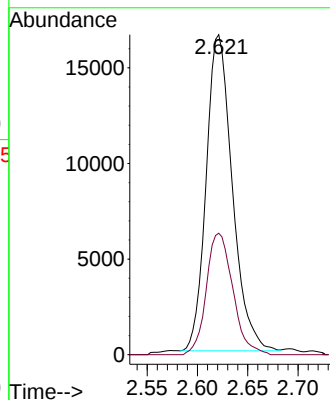
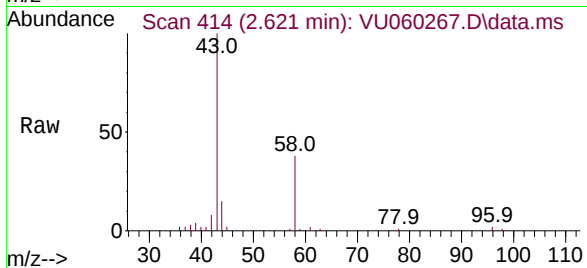
ClientSampleId :

Tgt Ion: 43 Resp: 29924

Ion Ratio Lower Upper

43 100

58 38.4 29.6 44.4



#14

Carbon Disulfide

Concen: 2.091 ug/l

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU060267.D

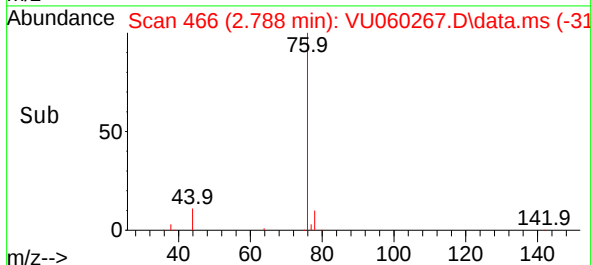
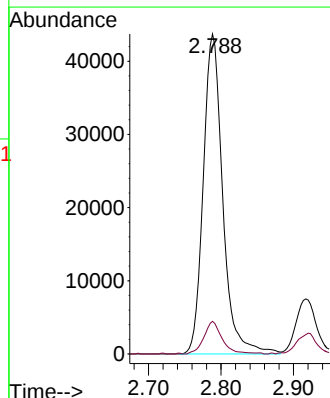
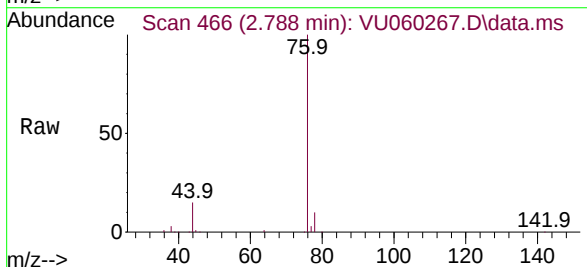
Acq: 30 Jul 2024 16:21

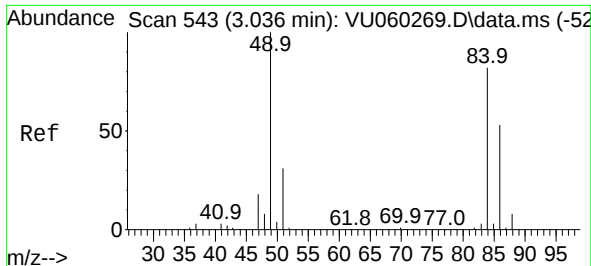
Tgt Ion: 76 Resp: 81668

Ion Ratio Lower Upper

76 100

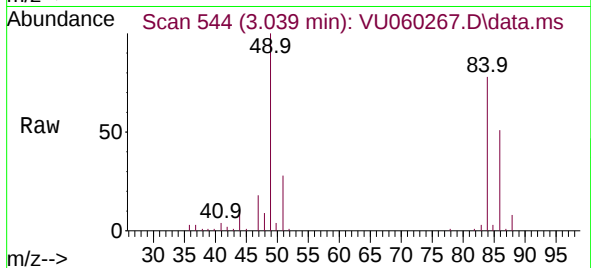
78 9.9 7.4 11.0



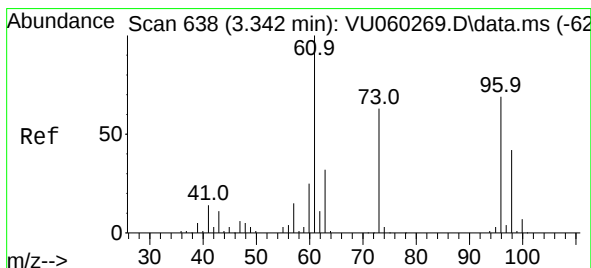
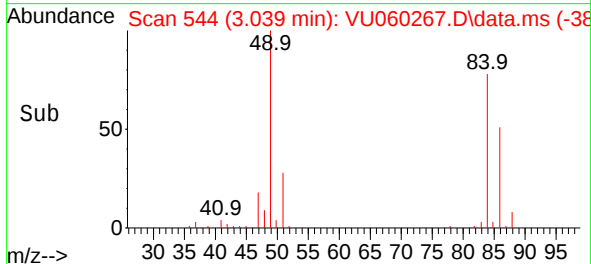
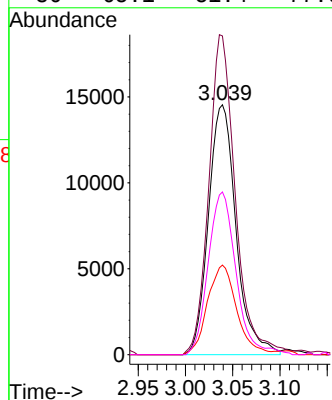


#15
Methylene Chloride
Concen: 1.915 ug/l
RT: 3.039 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

Instrument :
MSVOA_U
ClientSampleId :

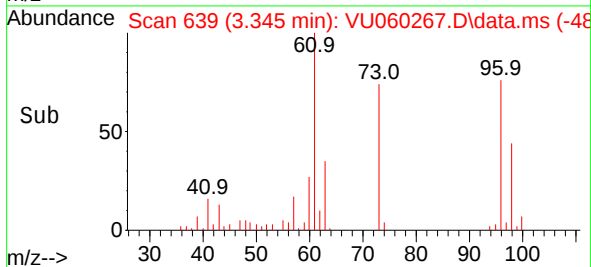
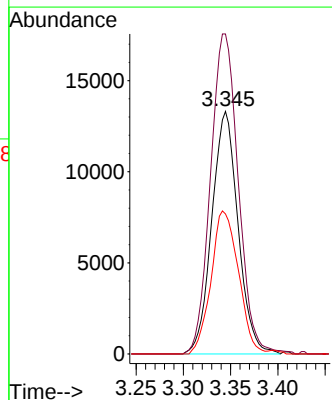
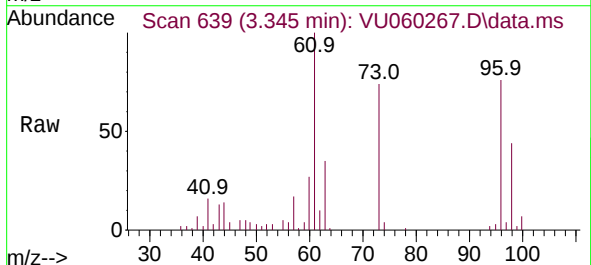


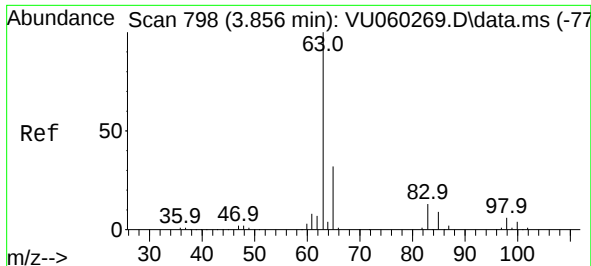
Tgt Ion: 84 Resp: 29564
Ion Ratio Lower Upper
84 100
49 127.6 97.1 145.7
51 35.9 0.0 74.6
86 65.1 51.4 77.0



#16
trans-1,2-Dichloroethene
Concen: 2.110 ug/l
RT: 3.345 min Scan# 639
Delta R.T. 0.003 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

Tgt Ion: 96 Resp: 25726
Ion Ratio Lower Upper
96 100
61 131.9 116.2 174.4
98 57.7 49.2 73.8

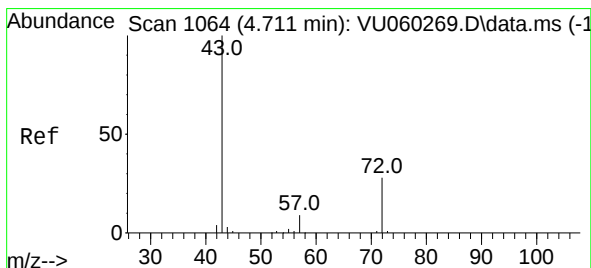
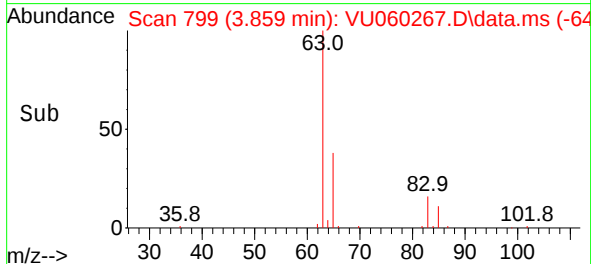
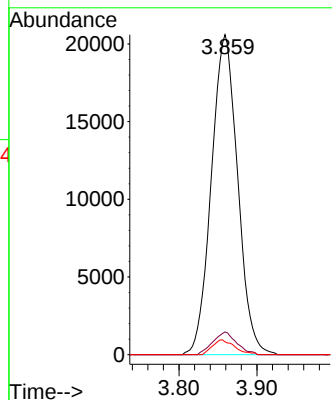
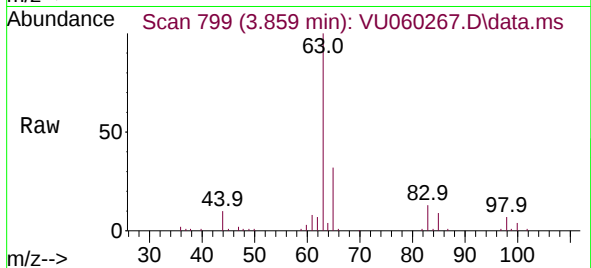




#17
1,1-Dichloroethane
Concen: 2.067 ug/l
RT: 3.859 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

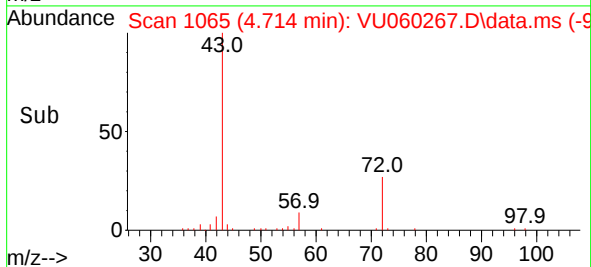
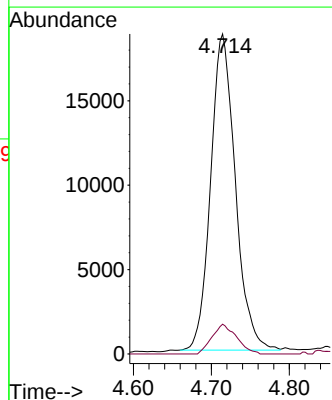
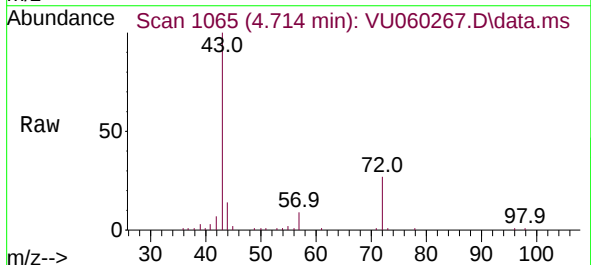
Instrument :
MSVOA_U
ClientSampleId :

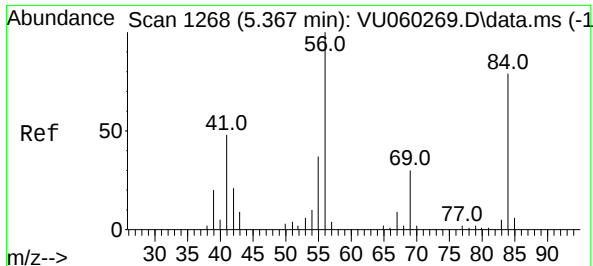
Tgt Ion: 63 Resp: 48369
Ion Ratio Lower Upper
63 100
98 7.1 3.1 9.3
100 4.0 1.8 5.5



#18
2-Butanone
Concen: 9.593 ug/l
RT: 4.714 min Scan# 1065
Delta R.T. 0.003 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

Tgt Ion: 43 Resp: 41321
Ion Ratio Lower Upper
43 100
57 9.4 0.0 18.2





#19

Cyclohexane

Concen: 1.878 ug/l

RT: 5.370 min Scan# 1269

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :

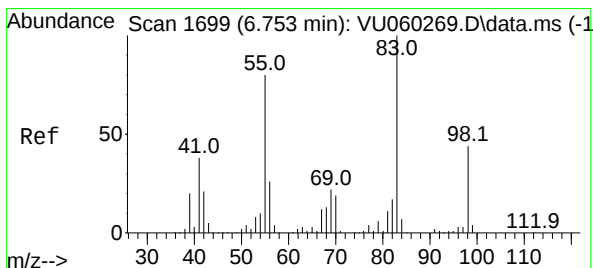
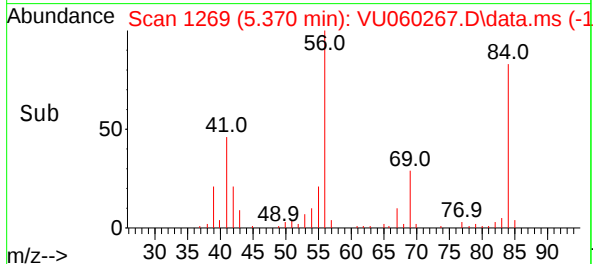
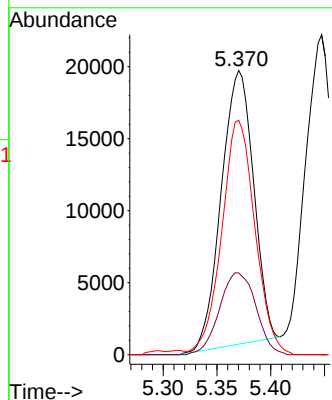
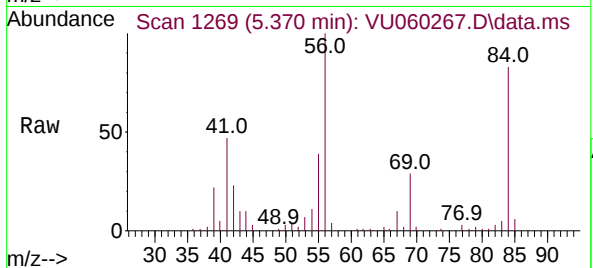
Tgt Ion: 56 Resp: 39744

Ion Ratio Lower Upper

56 100

69 33.7 24.1 36.1

84 86.5 63.7 95.5



#20

Methylcyclohexane

Concen: 1.873 ug/l

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

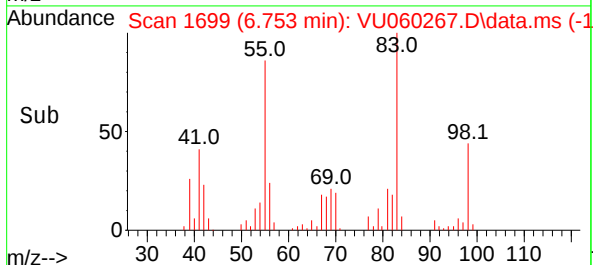
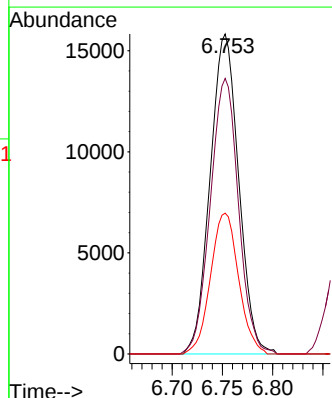
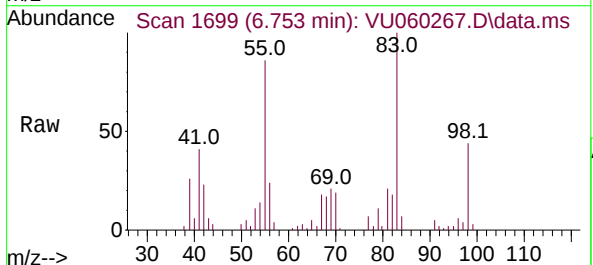
Tgt Ion: 83 Resp: 31234

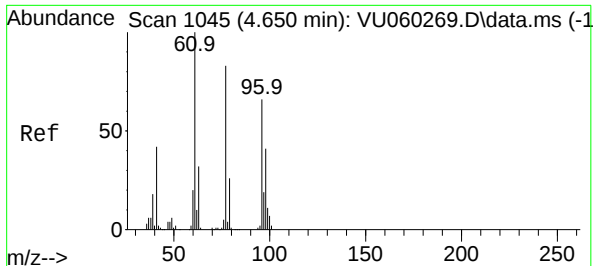
Ion Ratio Lower Upper

83 100

55 85.1 64.2 96.2

98 43.4 35.6 53.4

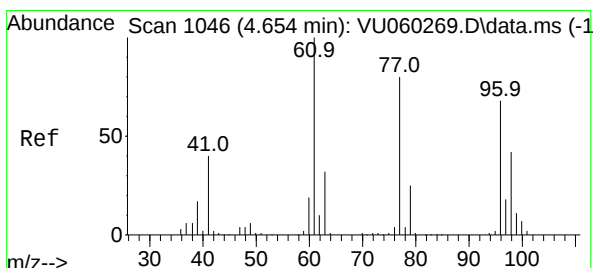
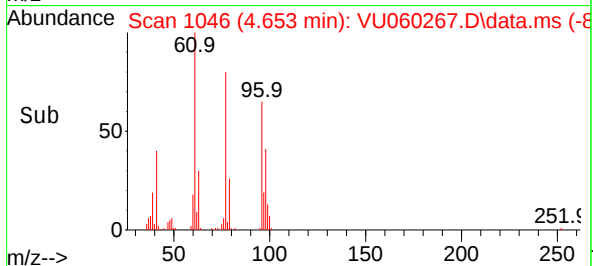
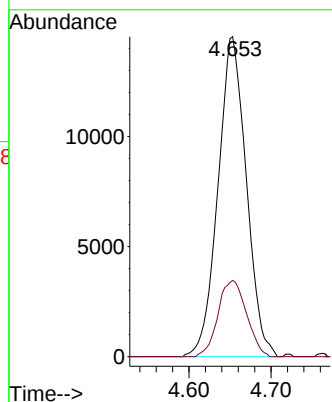
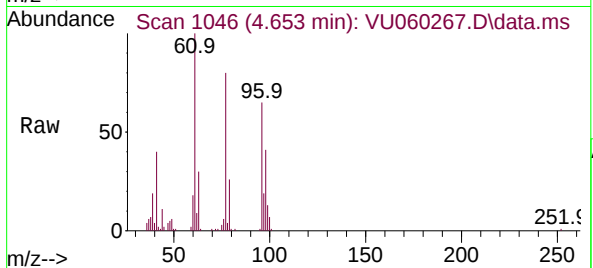




#21
2,2-Dichloropropane
Concen: 2.002 ug/l
RT: 4.653 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

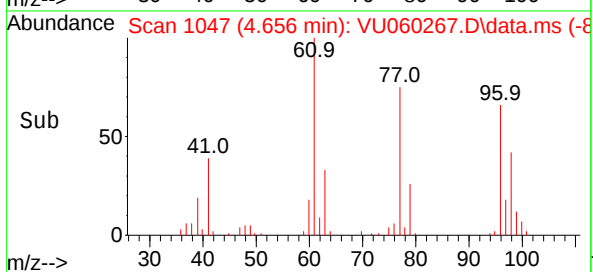
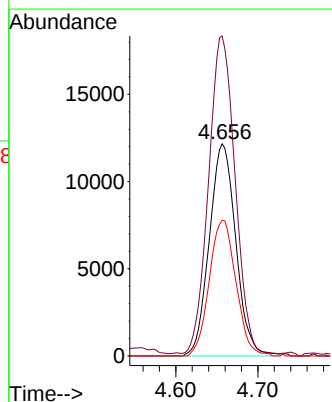
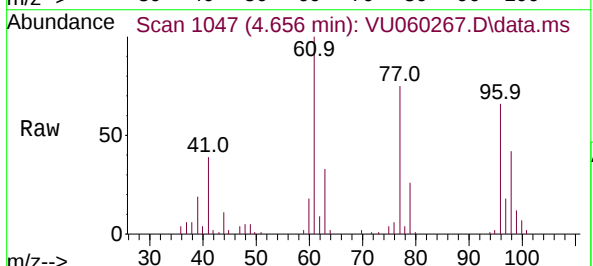
Instrument :
MSVOA_U
ClientSampleId :

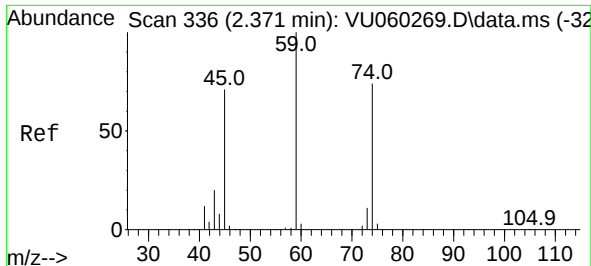
Tgt Ion: 77 Resp: 34853
Ion Ratio Lower Upper
77 100
97 24.0 18.2 27.4



#22
cis-1,2-Dichloroethene
Concen: 2.080 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

Tgt Ion: 96 Resp: 27302
Ion Ratio Lower Upper
96 100
61 149.3 0.0 375.0
98 64.3 31.9 95.5





#23

Diethyl Ether

Concen: 2.047 ug/l

RT: 2.374 min Scan# 336

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :

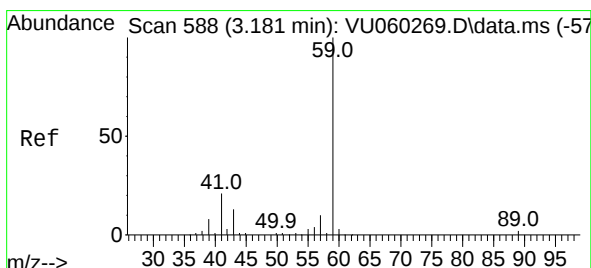
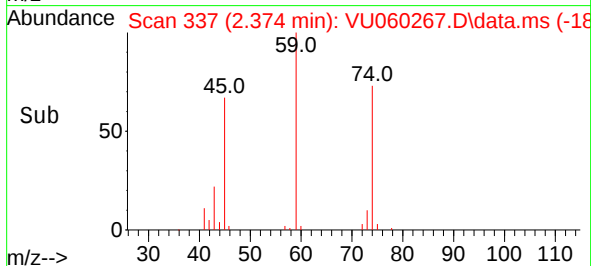
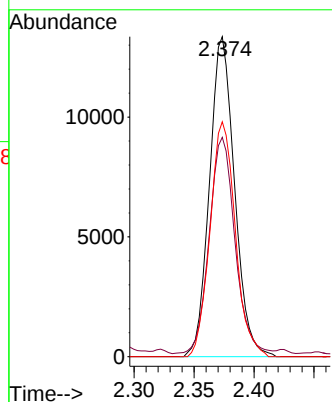
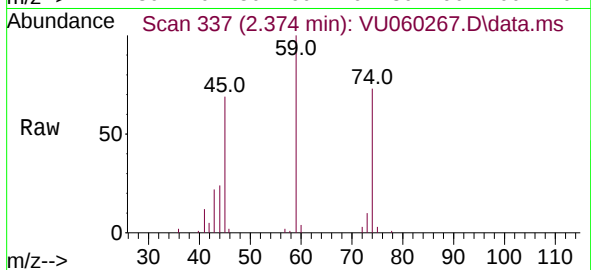
Tgt Ion: 59 Resp: 19376

Ion Ratio Lower Upper

59 100

45 68.8 55.8 83.8

74 74.1 59.0 88.6



#24

tert-Butyl Alcohol

Concen: 19.661 ug/l

RT: 3.181 min Scan# 588

Delta R.T. -0.000 min

Lab File: VU060267.D

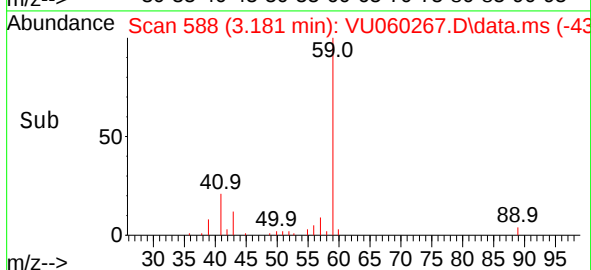
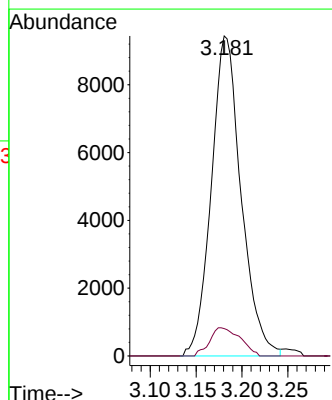
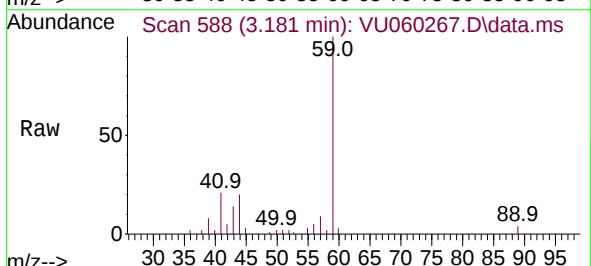
Acq: 30 Jul 2024 16:21

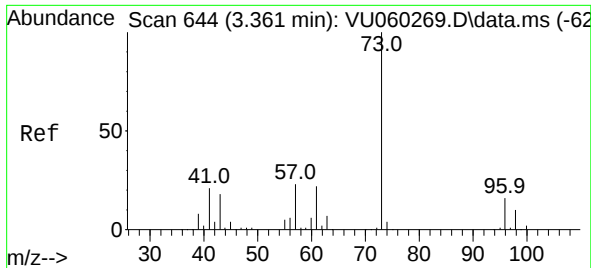
Tgt Ion: 59 Resp: 21315

Ion Ratio Lower Upper

59 100

57 9.0 7.8 11.8

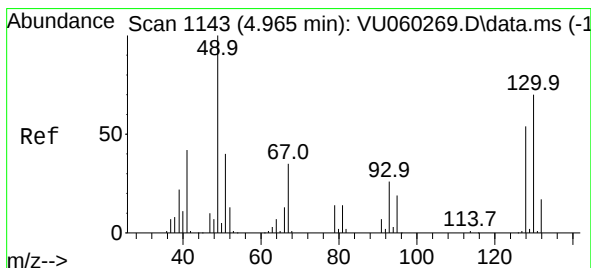
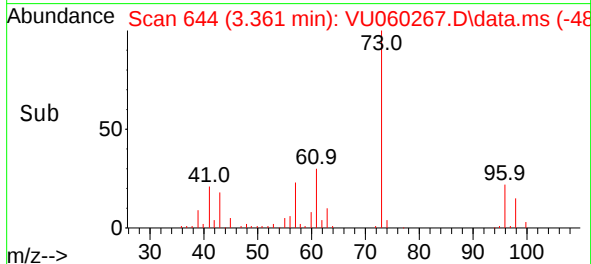
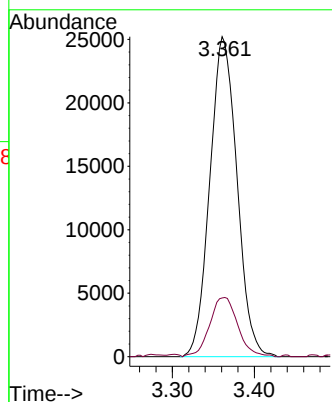
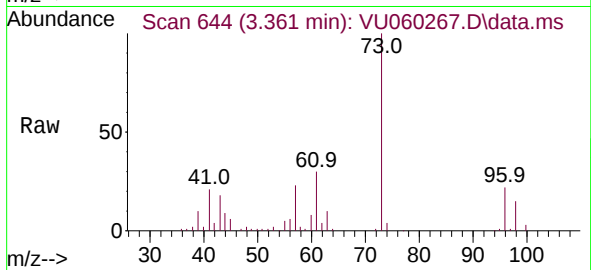




#25
Methyl tert-Butyl Ether
Concen: 2.040 ug/l
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

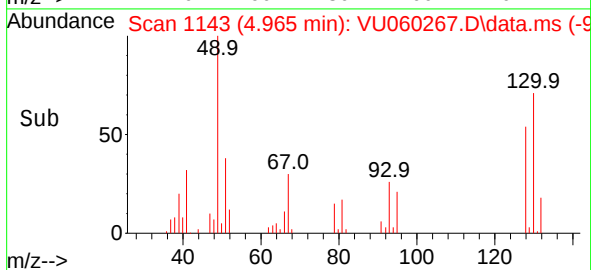
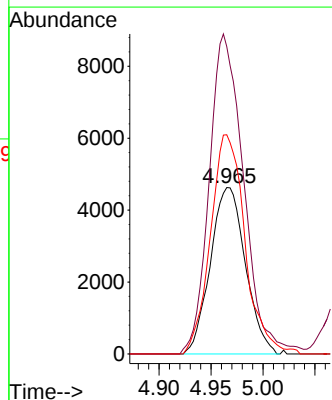
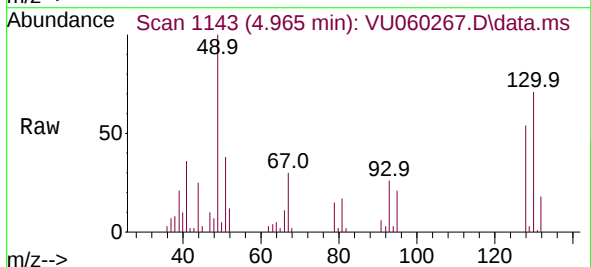
Instrument :
MSVOA_U
ClientSampleId :

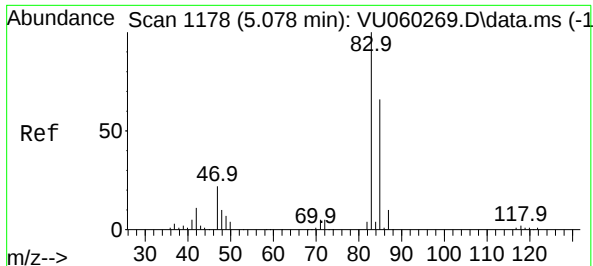
Tgt Ion: 73 Resp: 57913
Ion Ratio Lower Upper
73 100
43 19.2 14.2 21.4



#26
Bromochloromethane
Concen: 2.054 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

Tgt Ion: 128 Resp: 10850
Ion Ratio Lower Upper
128 100
49 188.6 0.0 372.2
130 130.0 101.0 151.6

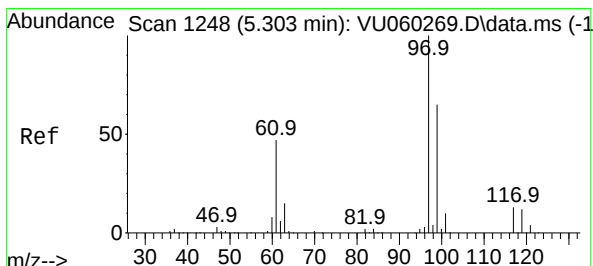
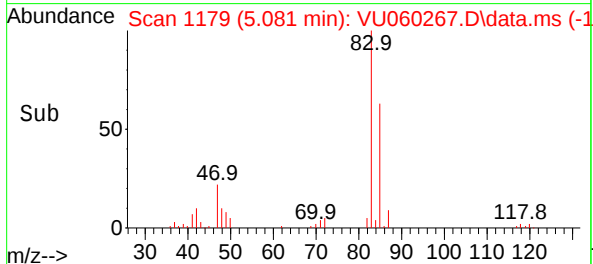
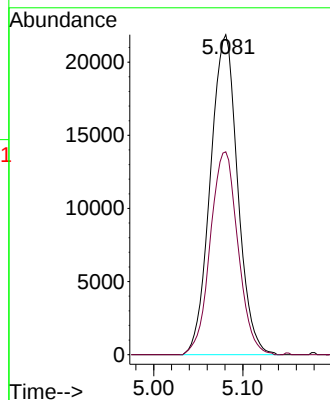
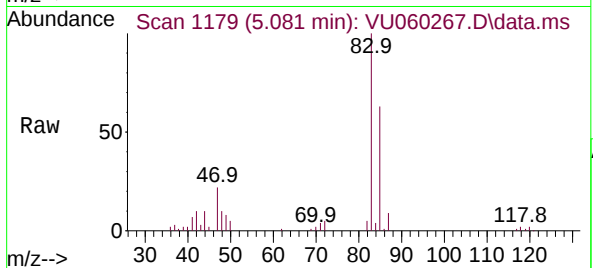




#27
Chloroform
Concen: 2.055 ug/l
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

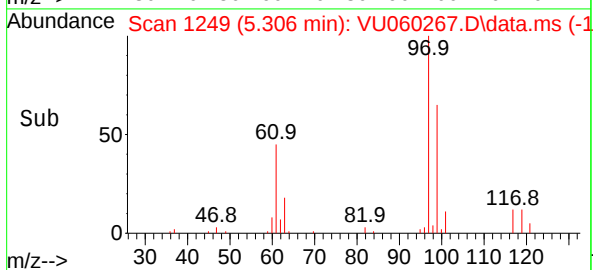
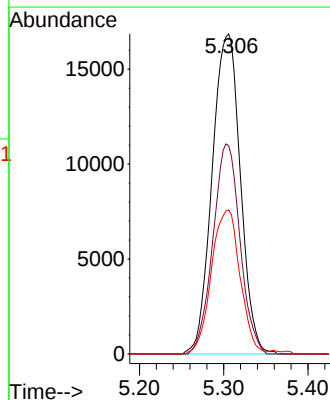
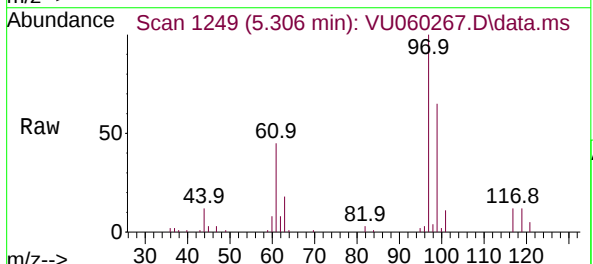
Instrument :
MSVOA_U
ClientSampleId :

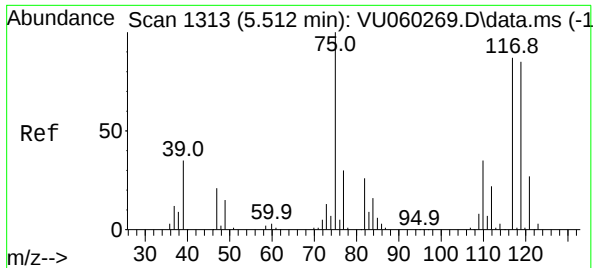
Tgt Ion: 83 Resp: 46630
Ion Ratio Lower Upper
83 100
85 63.4 0.0 131.4



#28
1,1,1-Trichloroethane
Concen: 2.097 ug/l
RT: 5.306 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

Tgt Ion: 97 Resp: 39206
Ion Ratio Lower Upper
97 100
99 62.9 31.9 95.9
61 45.6 23.4 70.0

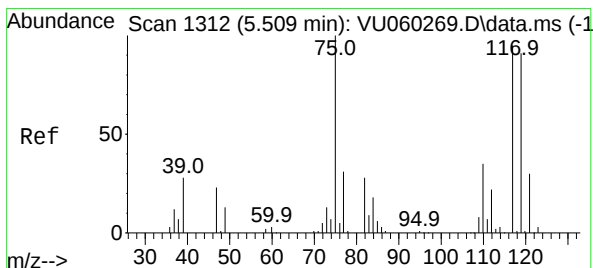
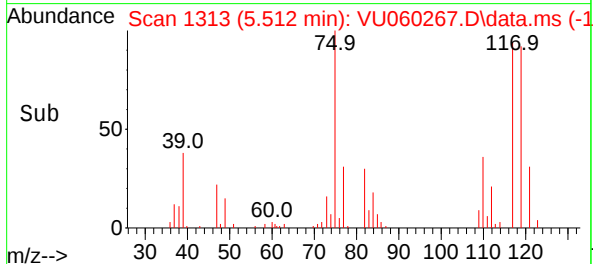
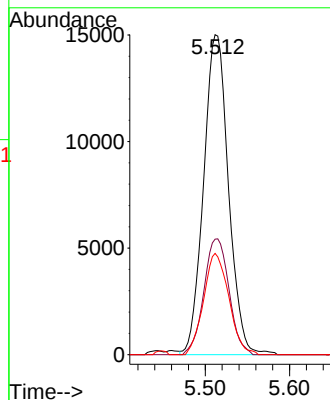
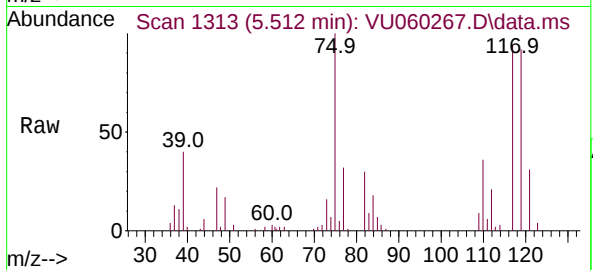




#29
1,1-Dichloropropene
Concen: 2.035 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

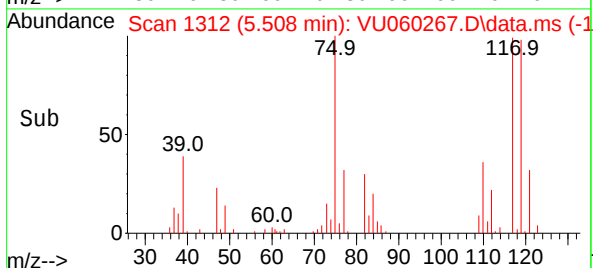
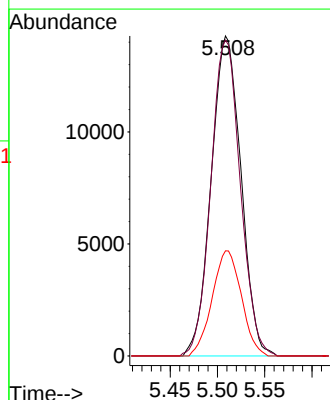
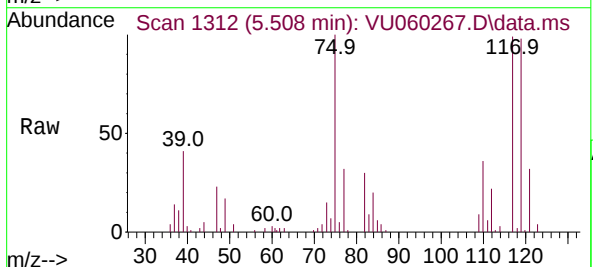
Instrument :
MSVOA_U
ClientSampleId :

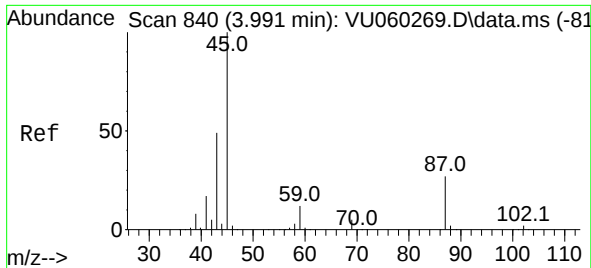
Tgt Ion: 75 Resp: 30866
Ion Ratio Lower Upper
75 100
110 36.5 17.4 52.3
77 32.1 25.1 37.7



#30
Carbon Tetrachloride
Concen: 2.060 ug/l
RT: 5.508 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

Tgt Ion: 117 Resp: 31257
Ion Ratio Lower Upper
117 100
119 98.7 76.7 115.1
121 32.9 25.0 37.4

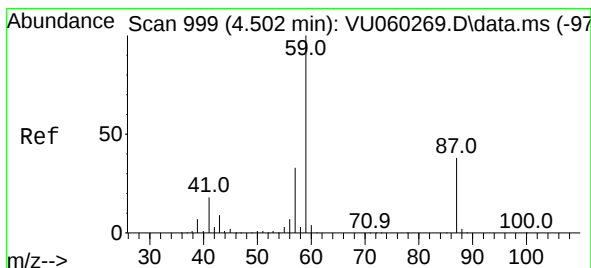
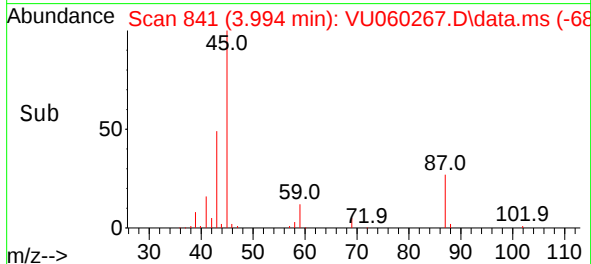
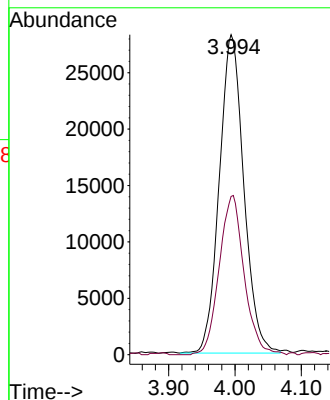
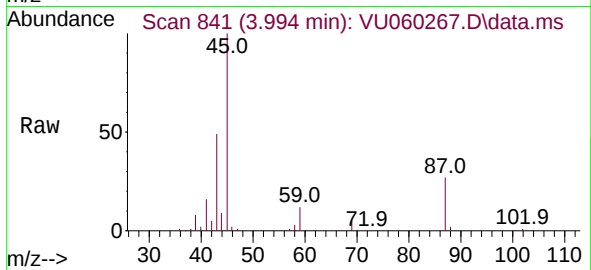




#31
Isopropyl Ether
Concen: 2.060 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.003 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

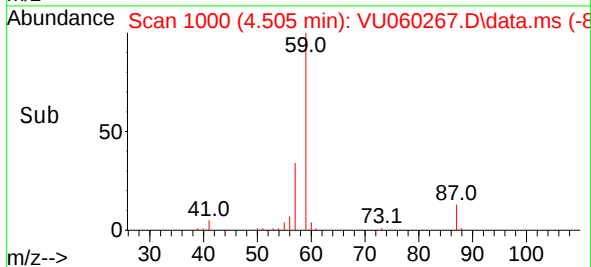
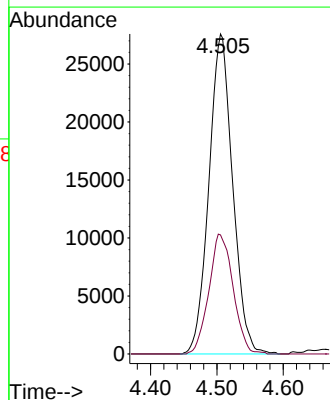
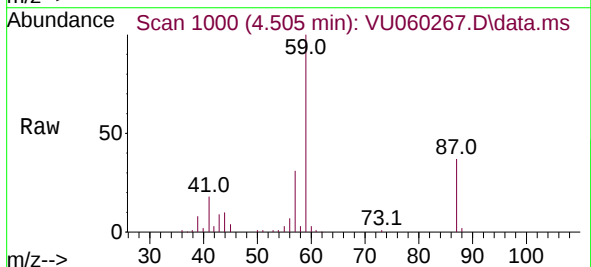
Instrument :
MSVOA_U
ClientSampleId :

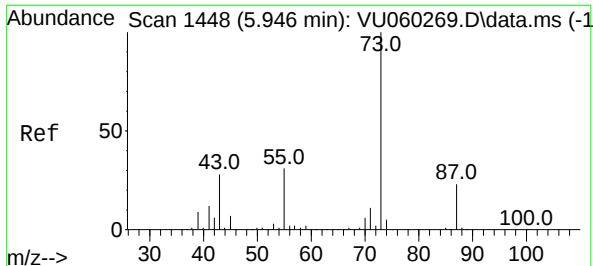
Tgt Ion: 45 Resp: 72542
Ion Ratio Lower Upper
45 100
43 50.9 24.6 74.0



#32
Ethyl-t-butyl ether
Concen: 2.081 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.003 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

Tgt Ion: 59 Resp: 68633
Ion Ratio Lower Upper
59 100
87 38.2 31.0 46.6





#33

Tert-Amyl methyl ether

Concen: 1.920 ug/l

RT: 5.946 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :

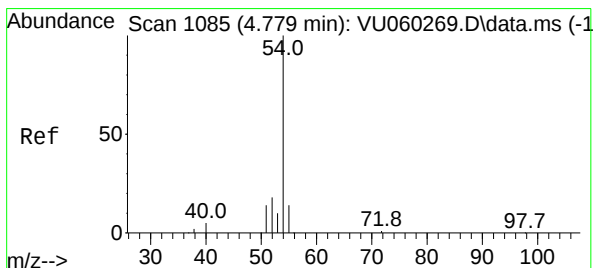
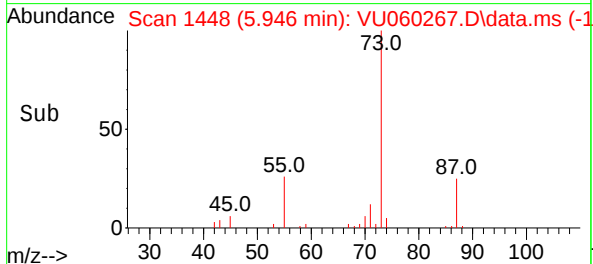
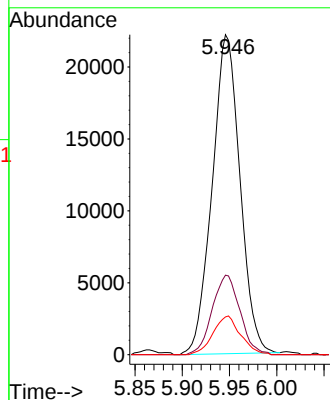
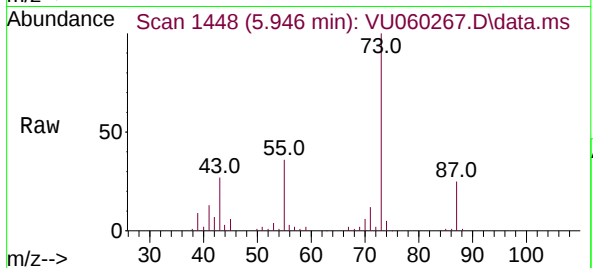
Tgt Ion: 73 Resp: 45328

Ion Ratio Lower Upper

73 100

87 24.9 18.7 28.1

71 12.0 9.5 14.3



#34

Propionitrile

Concen: 10.186 ug/l

RT: 4.775 min Scan# 1084

Delta R.T. -0.004 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Tgt Ion: 54 Resp: 12503

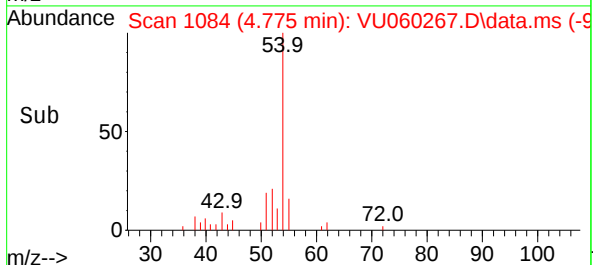
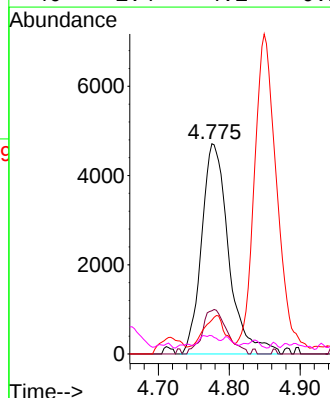
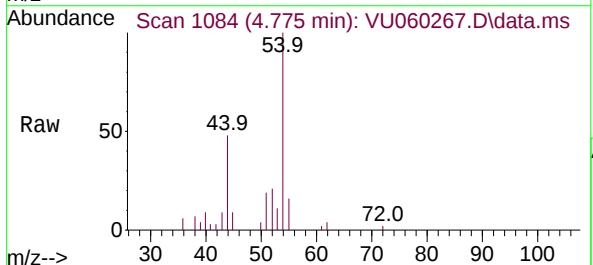
Ion Ratio Lower Upper

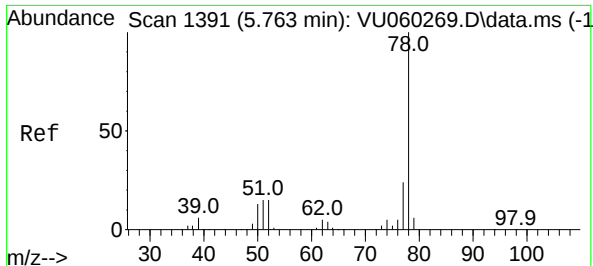
54 100

52 19.1 15.1 22.7

55 14.2 12.5 18.7

40 1.4 4.1 6.1#





#35

Benzene

Concen: 2.031 ug/l

RT: 5.762 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA_U

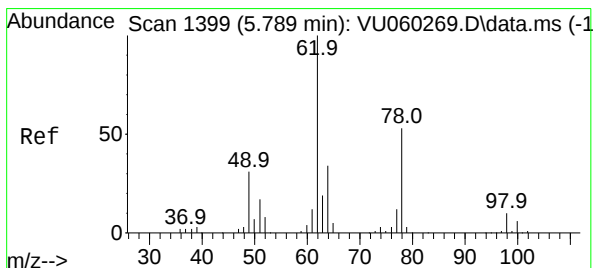
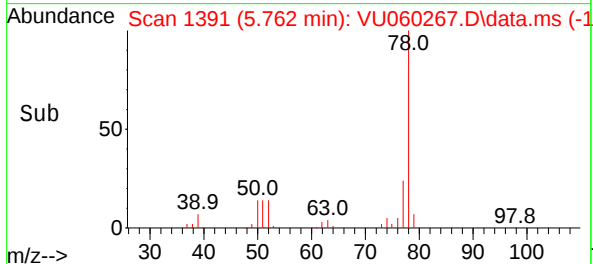
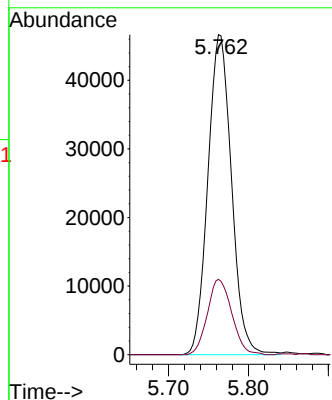
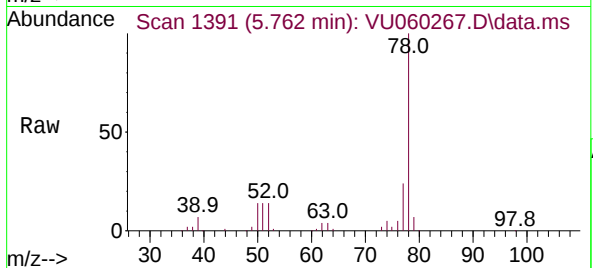
ClientSampleId :

Tgt Ion: 78 Resp: 95671

Ion Ratio Lower Upper

78 100

77 23.6 19.4 29.0



#36

1,2-Dichloroethane

Concen: 2.051 ug/l

RT: 5.791 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU060267.D

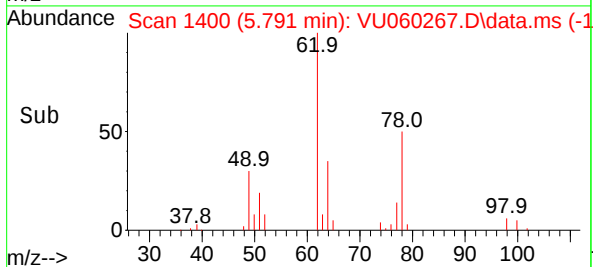
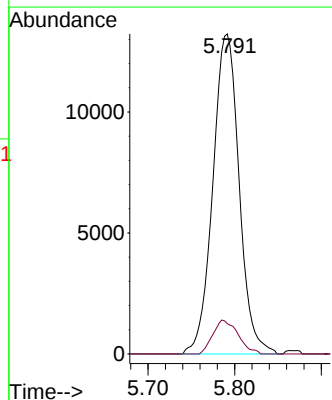
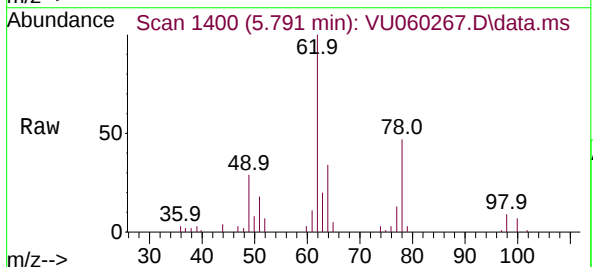
Acq: 30 Jul 2024 16:21

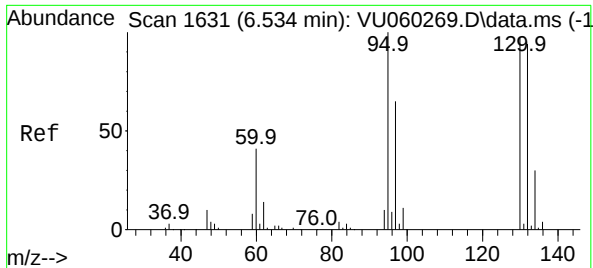
Tgt Ion: 62 Resp: 27901

Ion Ratio Lower Upper

62 100

98 10.1 7.3 10.9

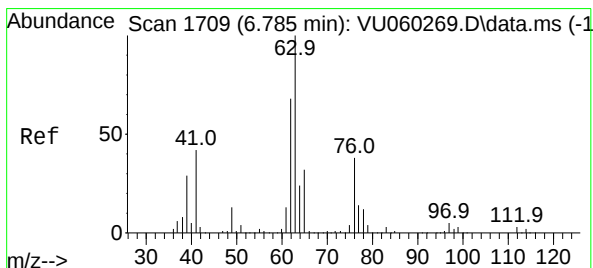
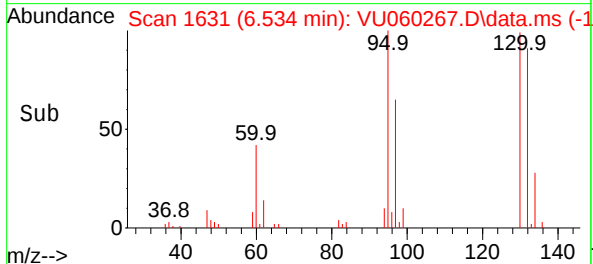
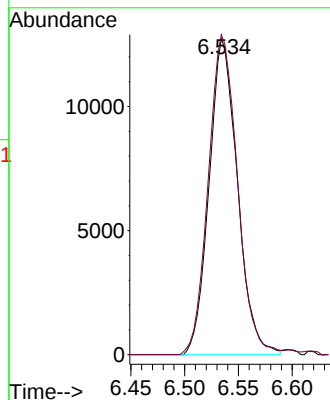
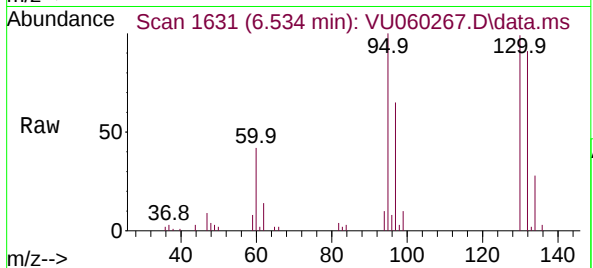




#37
Trichloroethene
Concen: 2.007 ug/l
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

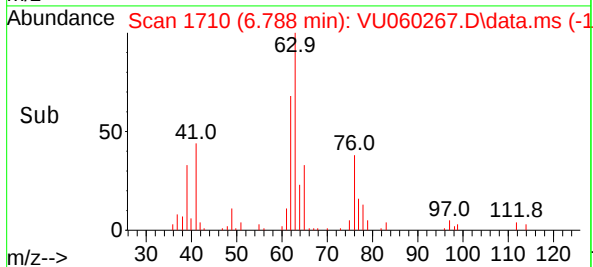
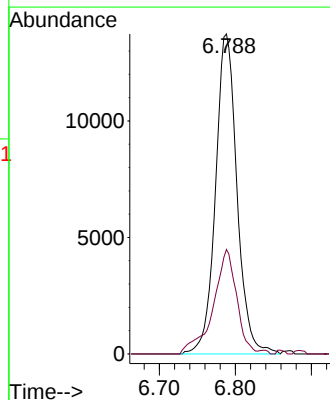
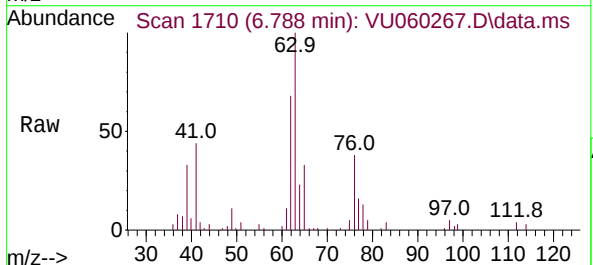
Instrument :
MSVOA_U
ClientSampleId :

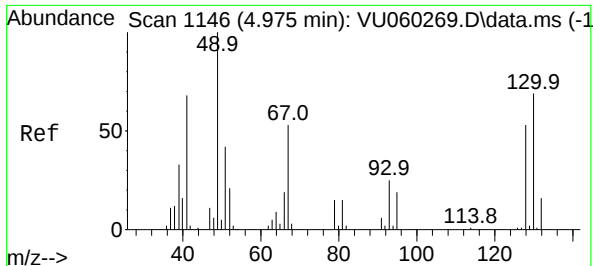
Tgt Ion:130 Resp: 23320
Ion Ratio Lower Upper
130 100
95 101.3 82.9 124.3



#38
1,2-Dichloropropane
Concen: 2.059 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

Tgt Ion: 63 Resp: 26987
Ion Ratio Lower Upper
63 100
65 32.6 25.7 38.5





#39

Methacrylonitrile

Concen: 2.016 ug/l

RT: 4.975 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 41 Resp: 9503

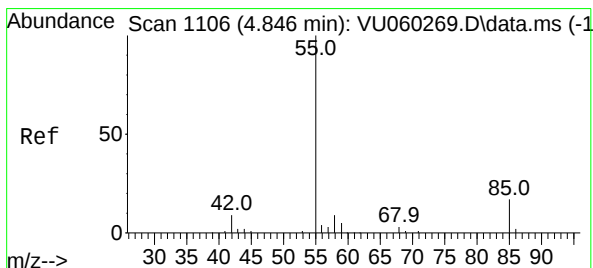
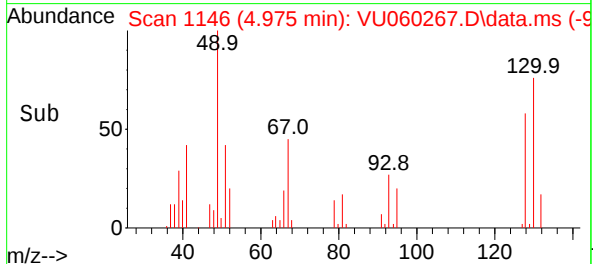
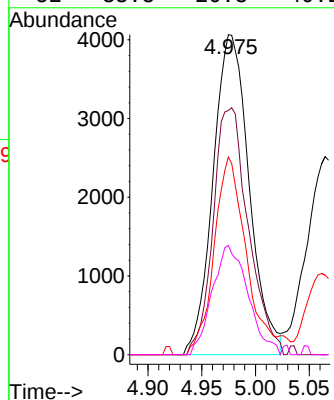
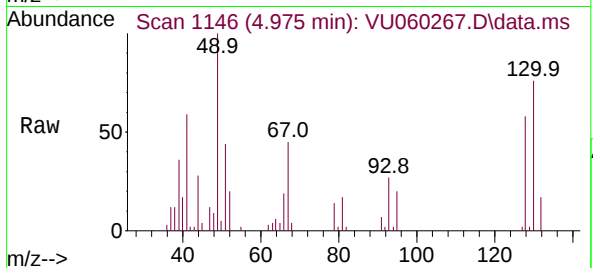
Ion Ratio Lower Upper

41 100

67 75.2 64.1 96.1

39 54.7 40.2 60.4

52 33.8 26.8 40.2



#40

Methyl acrylate

Concen: 1.976 ug/l

RT: 4.849 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Tgt Ion: 55 Resp: 15295

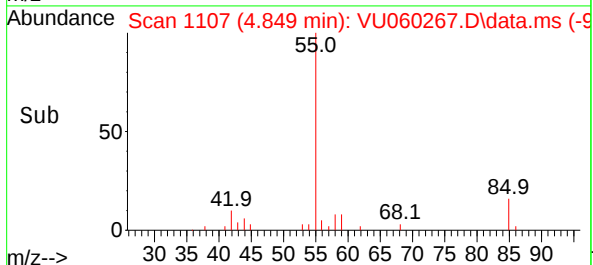
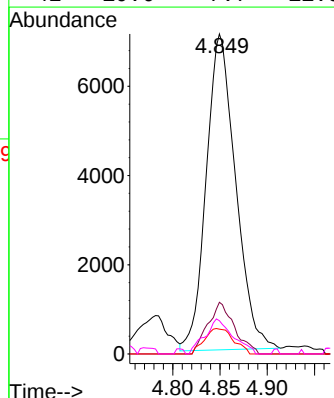
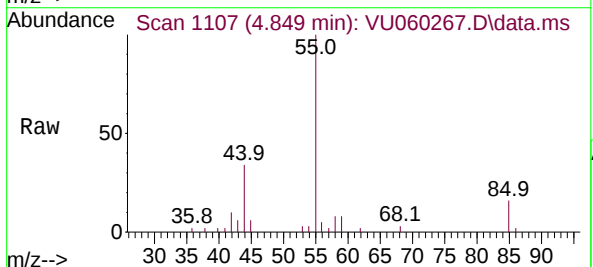
Ion Ratio Lower Upper

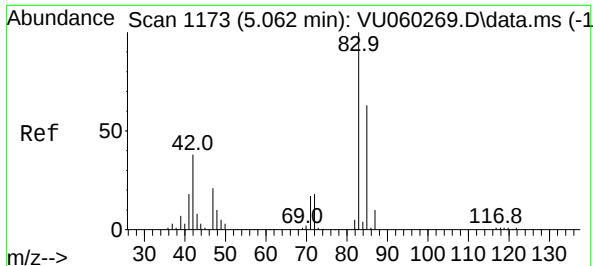
55 100

85 14.8 13.1 19.7

58 8.0 6.9 10.3

42 10.6 7.7 11.5





#41

Tetrahydrofuran

Concen: 4.267 ug/l

RT: 5.062 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VU060267.D

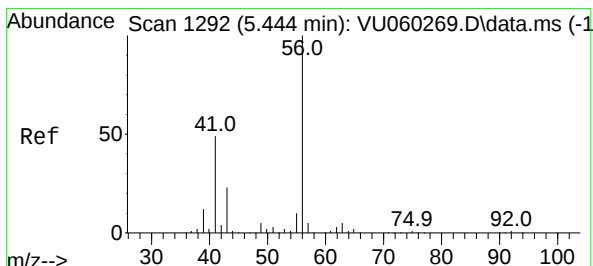
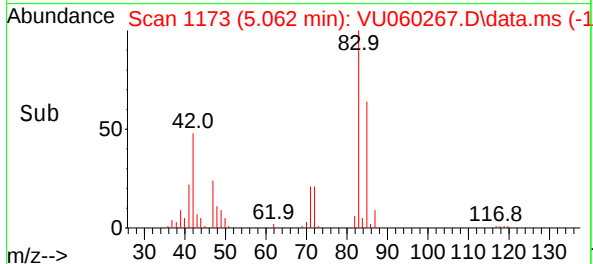
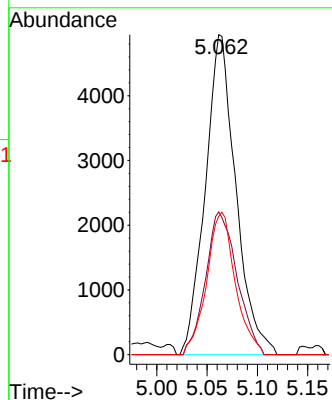
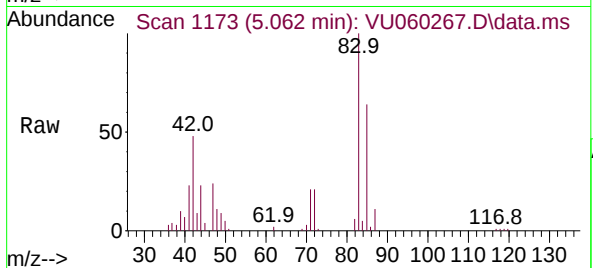
Acq: 30 Jul 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	10447
Ion Ratio	Lower	Upper	
42	100		
72	46.0	38.1	57.1
71	41.9	35.4	53.0



#42

1-Chlorobutane

Concen: 2.044 ug/l

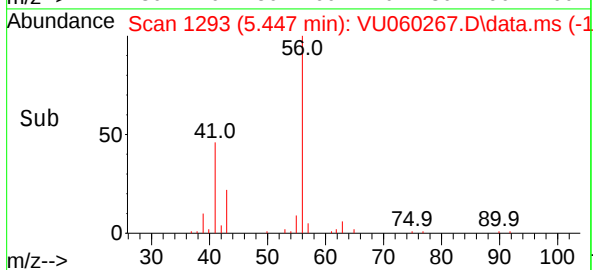
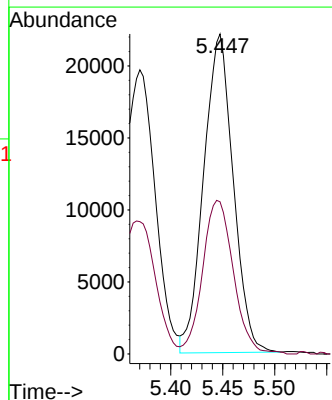
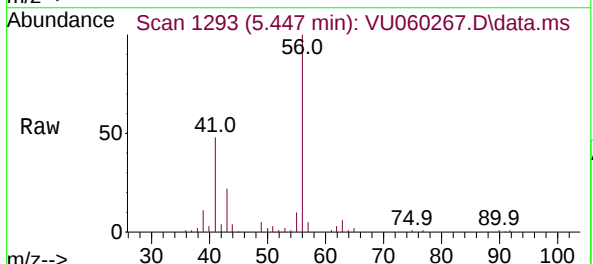
RT: 5.447 min Scan# 1293

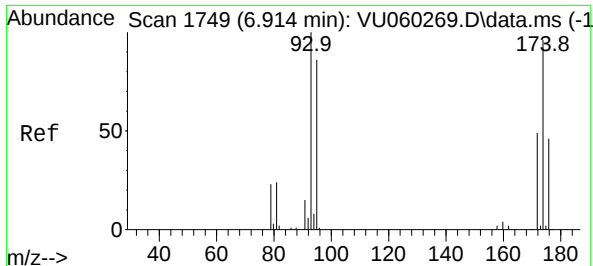
Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Tgt Ion:	56	Resp:	43666
Ion Ratio	Lower	Upper	
56	100		
41	50.4	24.5	73.5





#43

Dibromomethane

Concen: 2.014 ug/l

RT: 6.914 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :

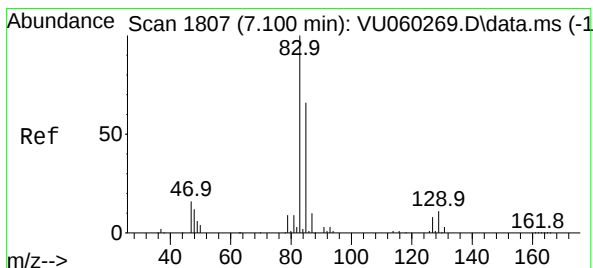
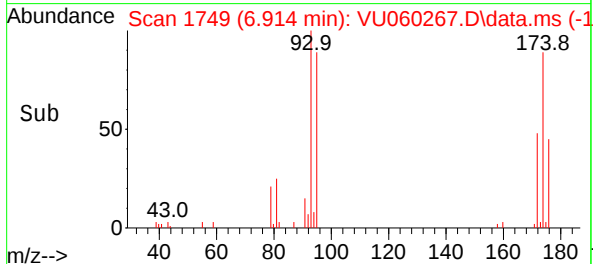
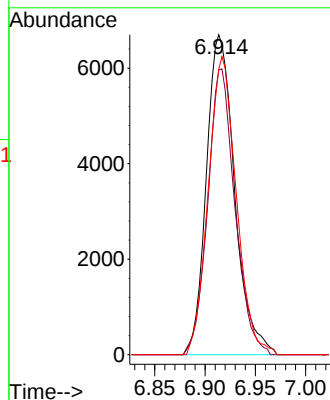
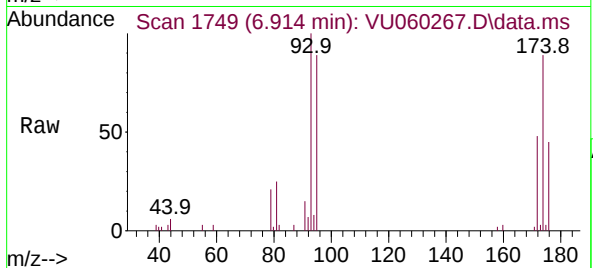
Tgt Ion: 93 Resp: 13073

Ion Ratio Lower Upper

93 100

95 86.1 68.0 102.0

174 92.3 74.7 112.1



#44

Bromodichloromethane

Concen: 2.037 ug/l

RT: 7.103 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

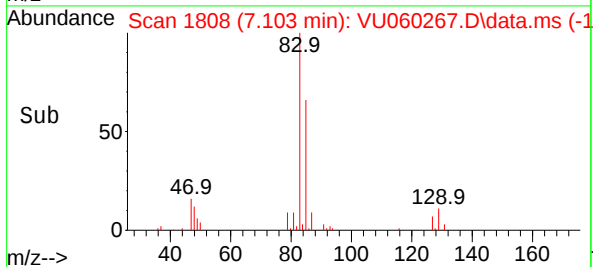
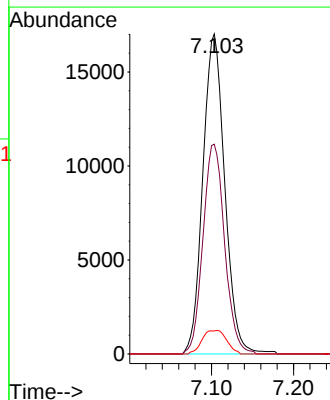
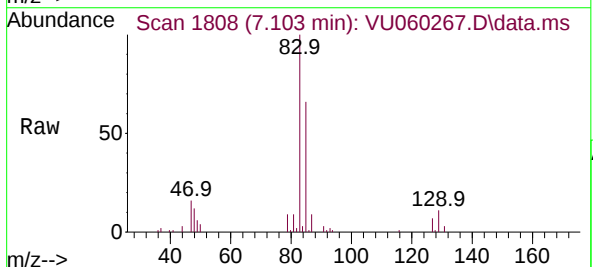
Tgt Ion: 83 Resp: 31594

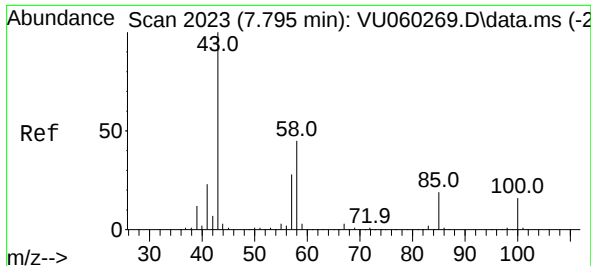
Ion Ratio Lower Upper

83 100

85 65.5 52.6 79.0

127 7.8 6.6 9.8

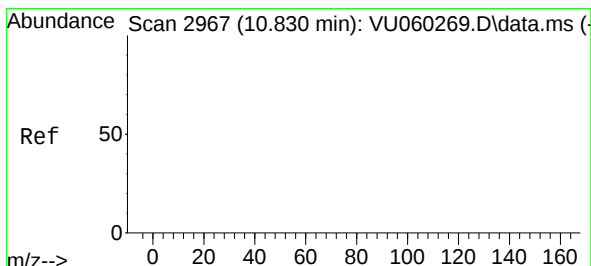
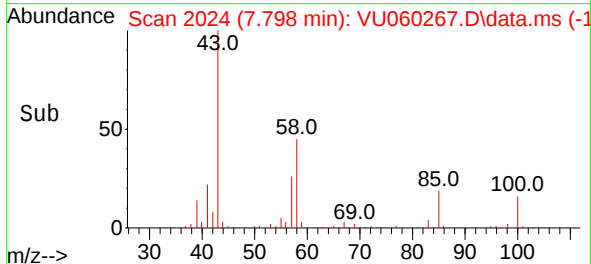
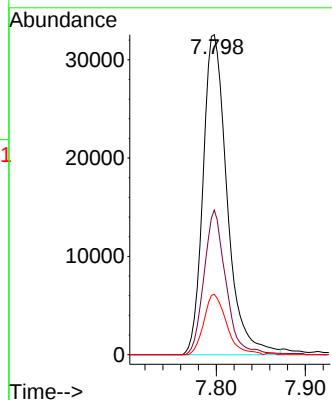
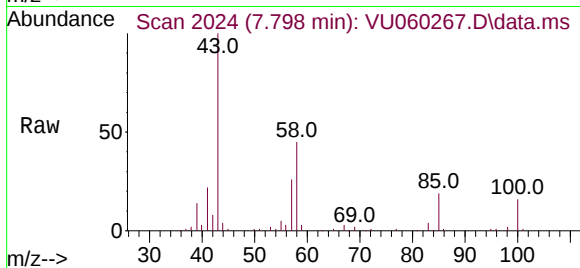




#45
4-Methyl-2-Pentanone
Concen: 9.373 ug/l
RT: 7.798 min Scan# 2023
Delta R.T. 0.003 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

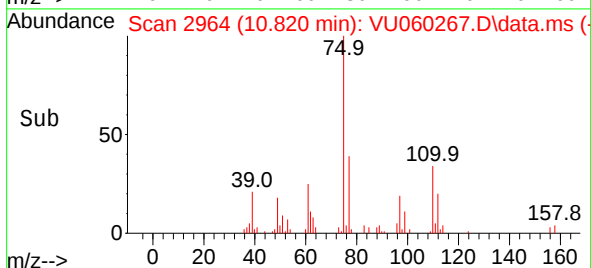
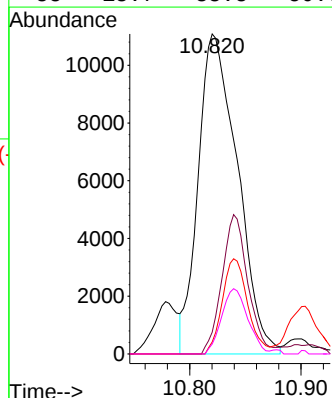
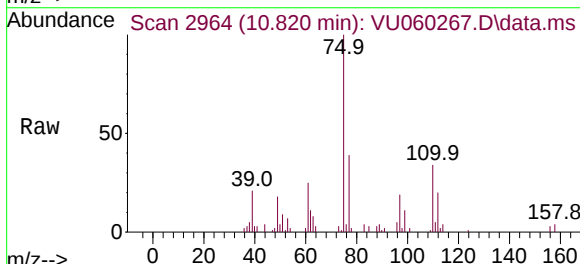
Instrument :
MSVOA_U
ClientSampleId :

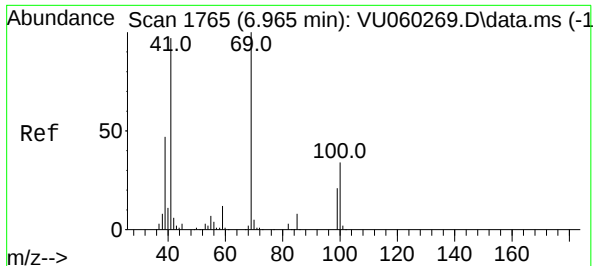
Tgt Ion: 43 Resp: 61213
Ion Ratio Lower Upper
43 100
58 41.3 22.1 66.5
85 17.8 15.4 23.0



#46
t-1,4-Dichloro-2-butene
Concen: 9.904 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.010 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

Tgt Ion: 75 Resp: 27083
Ion Ratio Lower Upper
75 100
53 29.0 66.4 99.6#
89 19.4 45.7 68.5#
88 13.7 33.8 50.6#





#47

Methyl methacrylate

Concen: 3.767 ug/l

RT: 6.968 min Scan# 1

Delta R.T. 0.003 min

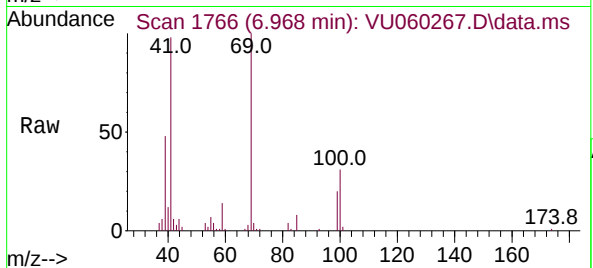
Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

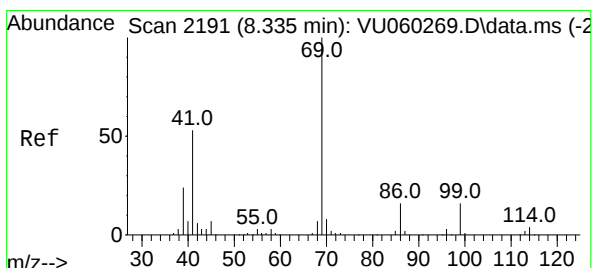
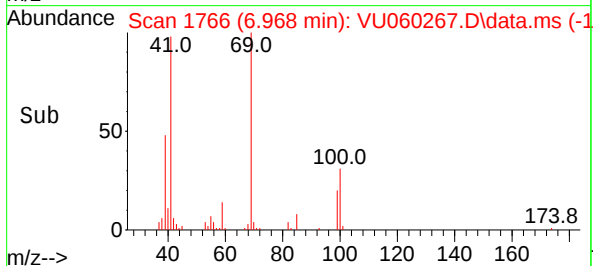
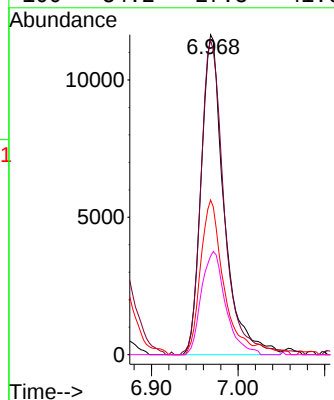
MSVOA_U

ClientSampleId :



Tgt Ion: 69 Resp: 21366

Ion	Ratio	Lower	Upper
69	100		
41	100.2	0.0	192.4
39	48.0	37.8	56.6
100	34.2	27.8	41.6



#48

Ethyl methacrylate

Concen: 2.032 ug/l

RT: 8.335 min Scan# 2191

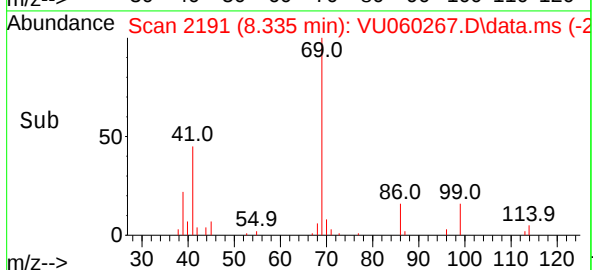
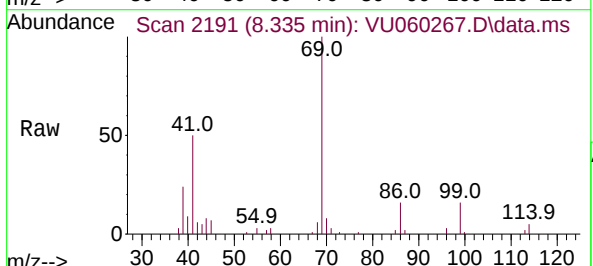
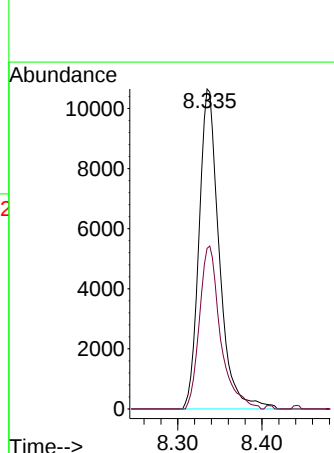
Delta R.T. -0.000 min

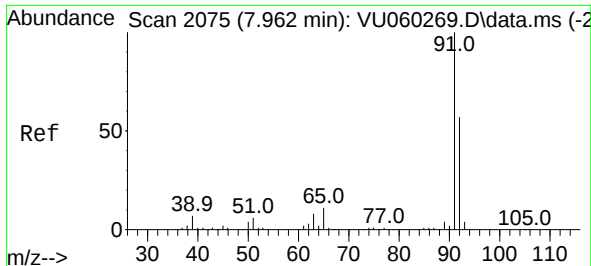
Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Tgt Ion: 69 Resp: 17790

Ion	Ratio	Lower	Upper
69	100		
41	52.8	27.8	83.4





#49

Toluene

Concen: 1.945 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA_U

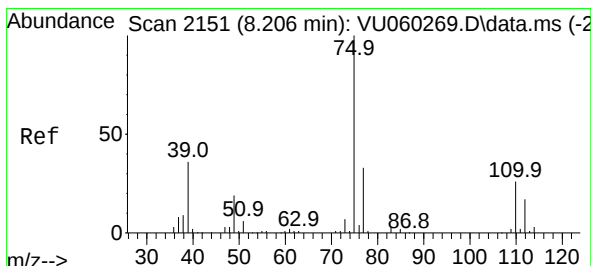
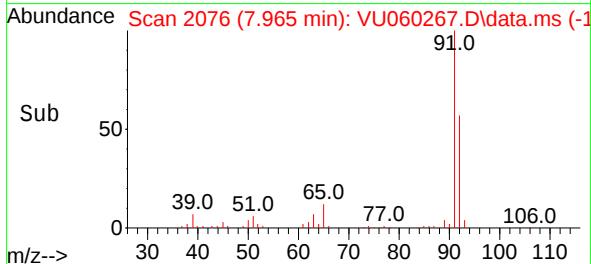
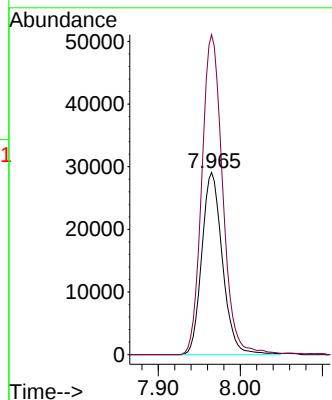
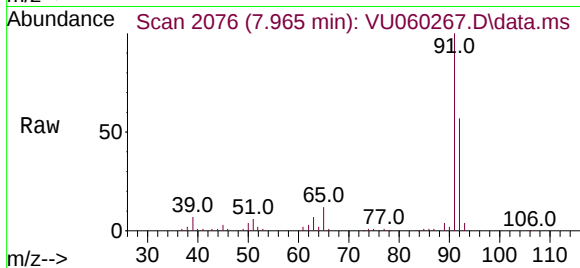
ClientSampleId :

Tgt Ion: 92 Resp: 50839

Ion Ratio Lower Upper

92 100

91 177.8 143.0 214.6



#50

t-1,3-Dichloropropene

Concen: 1.999 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU060267.D

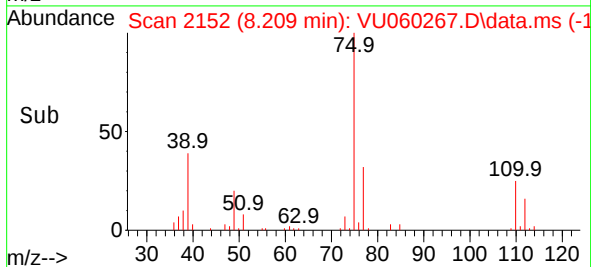
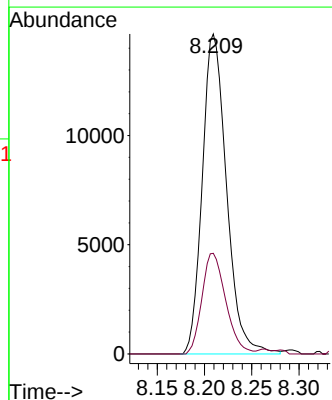
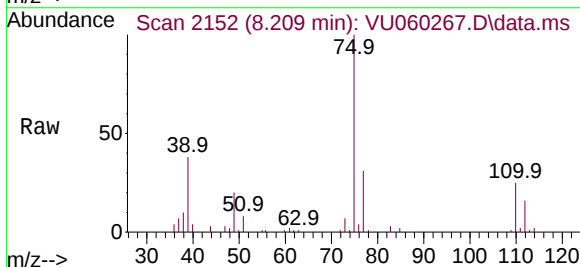
Acq: 30 Jul 2024 16:21

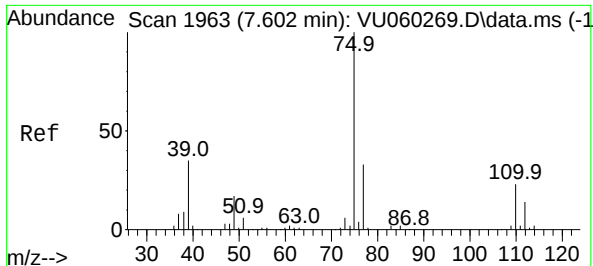
Tgt Ion: 75 Resp: 26126

Ion Ratio Lower Upper

75 100

77 31.5 26.1 39.1

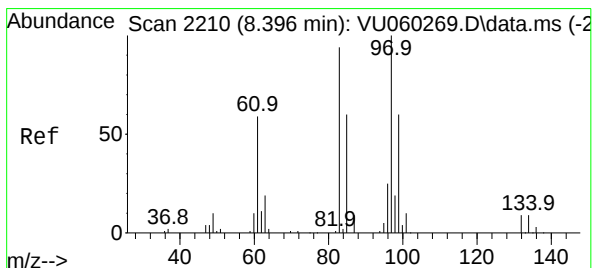
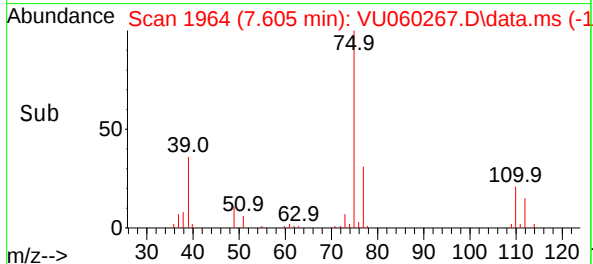
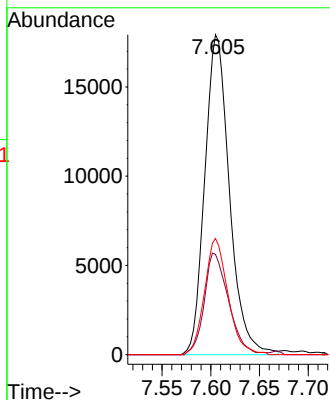
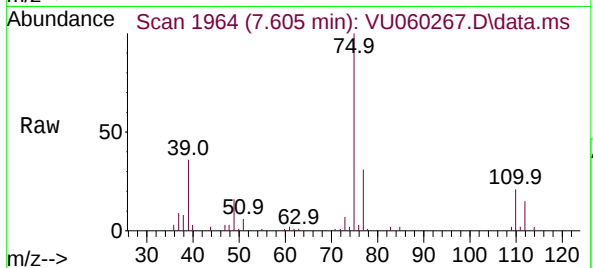




#51
 cis-1,3-Dichloropropene
 Concen: 2.028 ug/l
 RT: 7.605 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU060267.D
 Acq: 30 Jul 2024 16:21

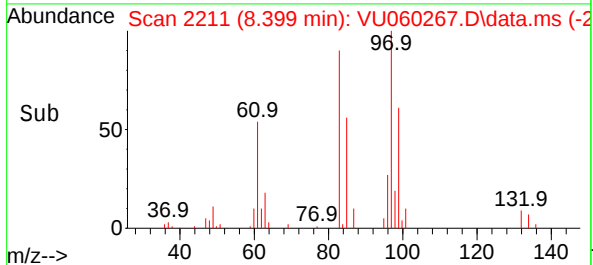
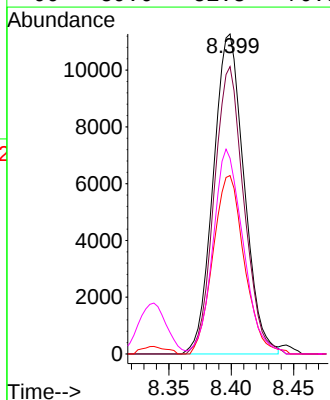
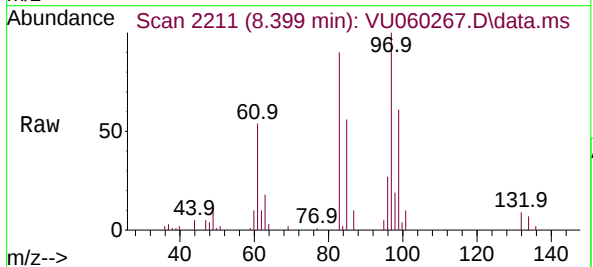
Instrument :
 MSVOA_U
 ClientSampleId :

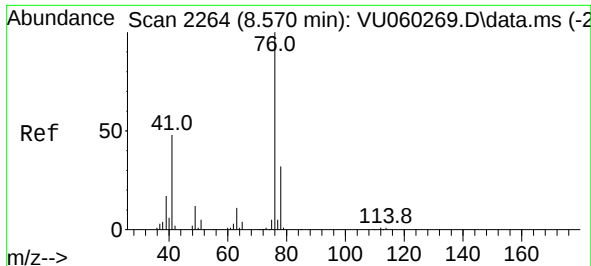
Tgt Ion: 75 Resp: 31599
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.2 39.2
 39 36.3 27.9 41.9



#52
 1,1,2-Trichloroethane
 Concen: 2.070 ug/l
 RT: 8.399 min Scan# 2211
 Delta R.T. 0.003 min
 Lab File: VU060267.D
 Acq: 30 Jul 2024 16:21

Tgt Ion: 97 Resp: 19404
 Ion Ratio Lower Upper
 97 100
 83 89.8 75.5 113.3
 85 55.7 48.2 72.4
 99 59.6 51.3 76.9

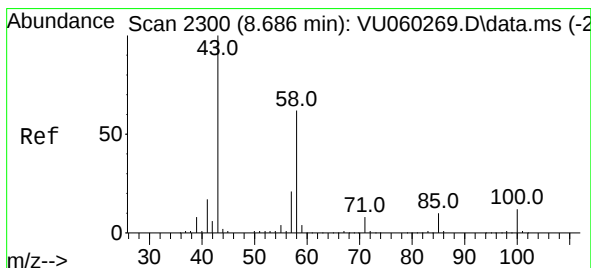
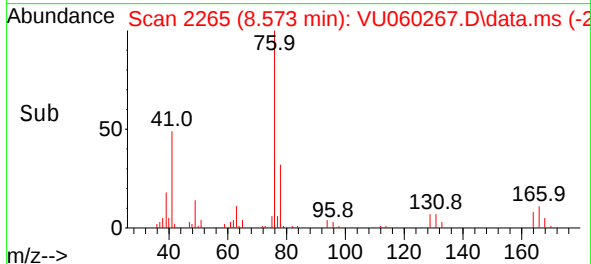
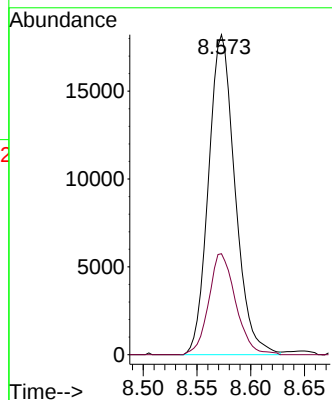
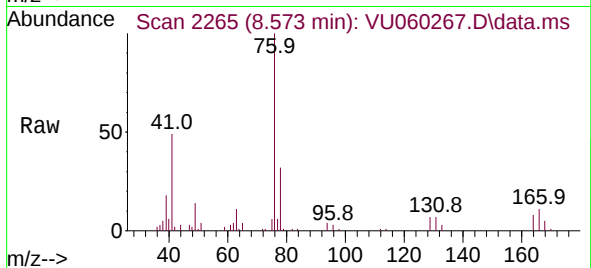




#53
1,3-Dichloropropane
Concen: 2.025 ug/l
RT: 8.573 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

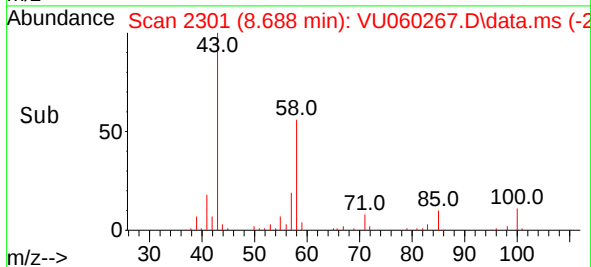
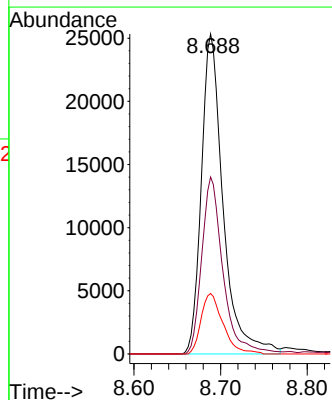
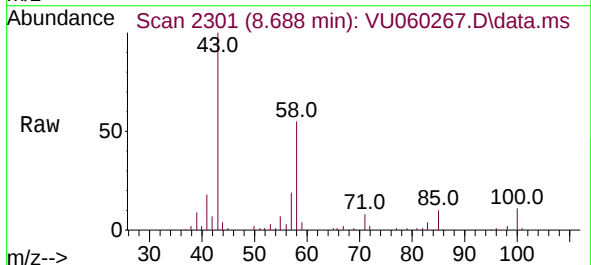
Instrument :
MSVOA_U
ClientSampleId :

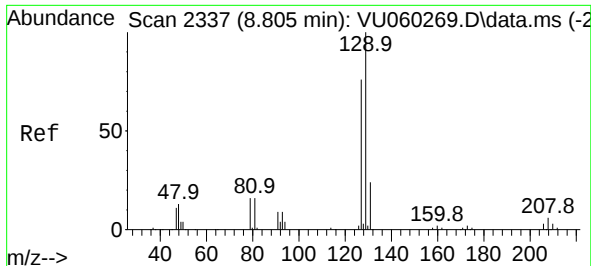
Tgt Ion: 76 Resp: 31225
Ion Ratio Lower Upper
76 100
78 32.0 25.8 38.6



#54
2-Hexanone
Concen: 9.067 ug/l
RT: 8.688 min Scan# 2301
Delta R.T. 0.003 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

Tgt Ion: 43 Resp: 44194
Ion Ratio Lower Upper
43 100
58 53.9 41.1 81.1
57 19.0 0.3 40.3





#55

Dibromochloromethane

Concen: 2.014 ug/l

RT: 8.804 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA_U

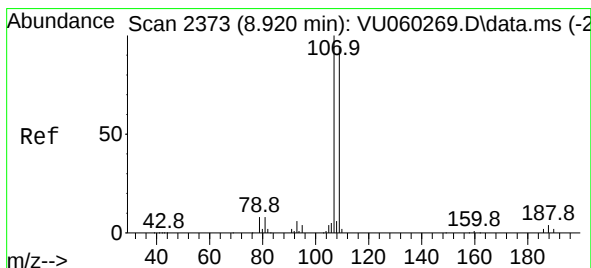
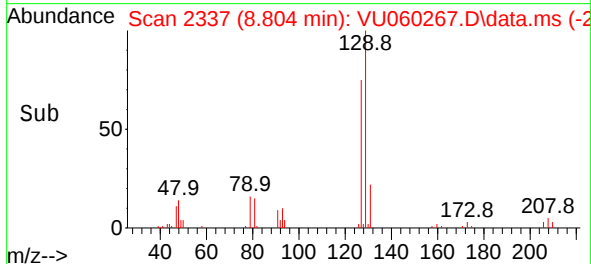
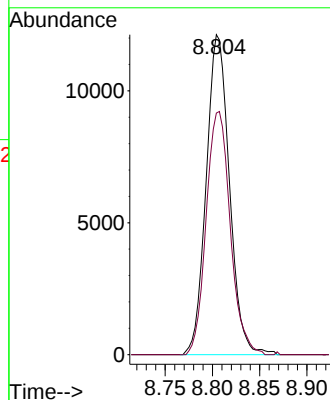
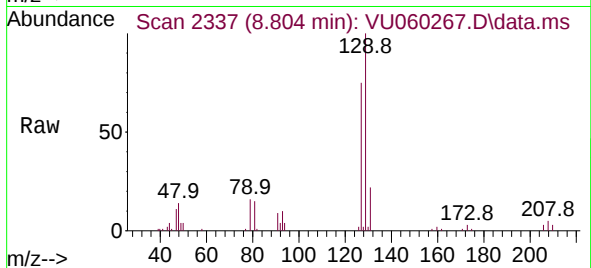
ClientSampleId :

Tgt Ion:129 Resp: 20738

Ion Ratio Lower Upper

129 100

127 78.7 61.7 92.5



#56

1,2-Dibromoethane

Concen: 2.062 ug/l

RT: 8.920 min Scan# 2373

Delta R.T. -0.000 min

Lab File: VU060267.D

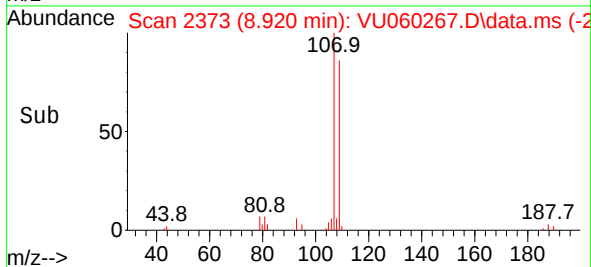
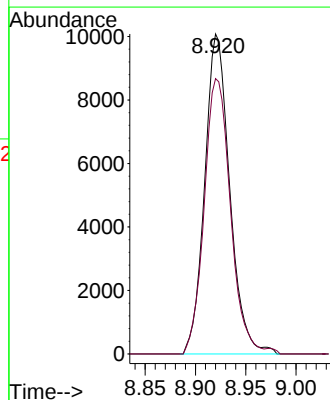
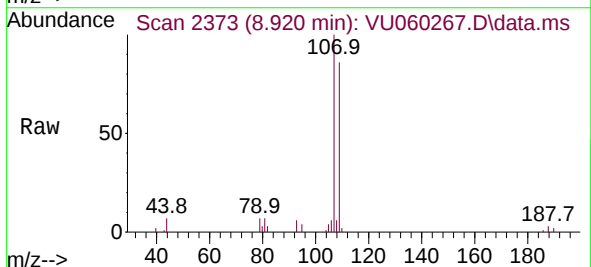
Acq: 30 Jul 2024 16:21

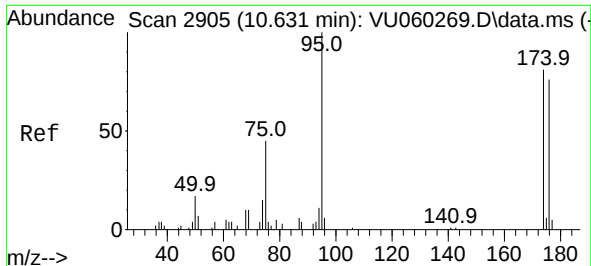
Tgt Ion:107 Resp: 17440

Ion Ratio Lower Upper

107 100

109 90.1 0.0 186.8





#57

4-Bromofluorobenzene

Concen: 0.984 ug/l

RT: 10.630 min Scan# 2905

Delta R.T. -0.000 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :

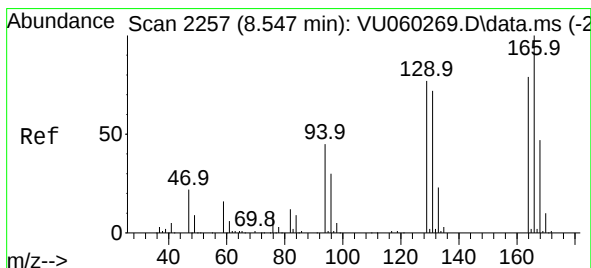
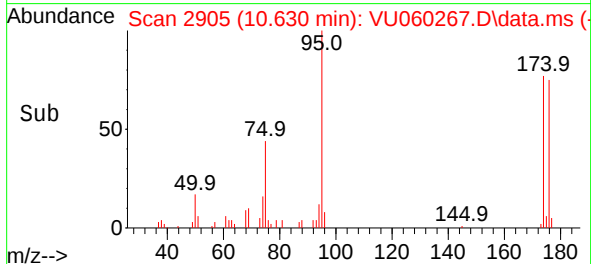
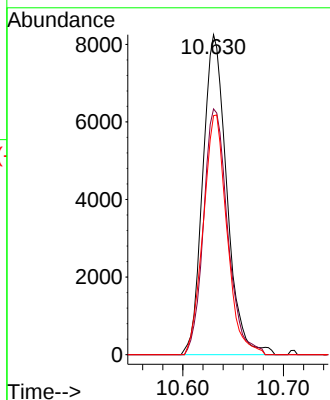
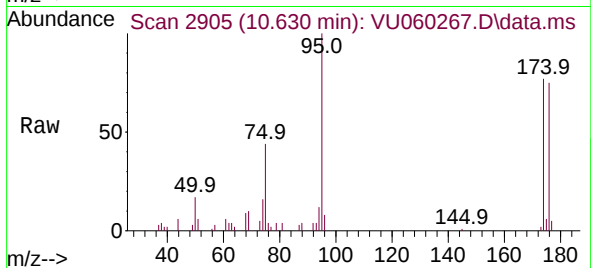
Tgt Ion: 95 Resp: 13665

Ion Ratio Lower Upper

95 100

174 77.3 62.2 93.4

176 74.0 59.4 89.2



#58

Tetrachloroethene

Concen: 2.027 ug/l

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Tgt Ion: 164 Resp: 22319

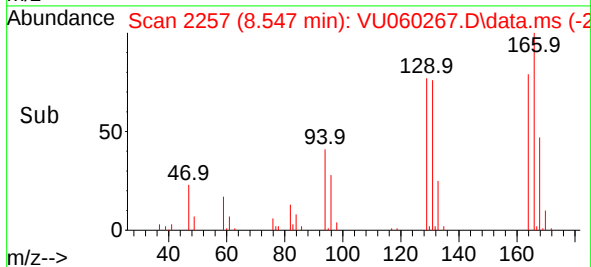
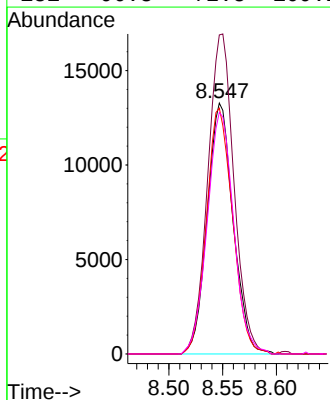
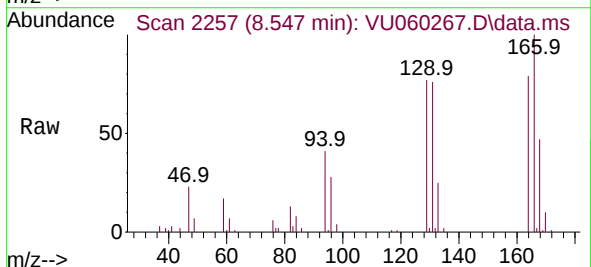
Ion Ratio Lower Upper

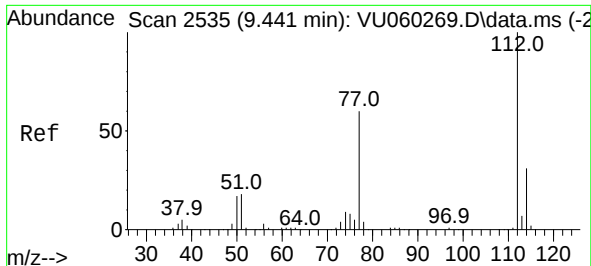
164 100

166 127.2 101.0 151.6

129 98.0 78.0 117.0

131 96.3 72.8 109.2

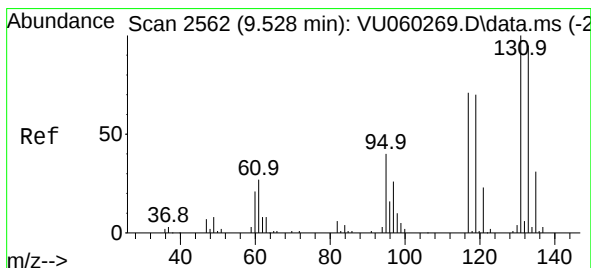
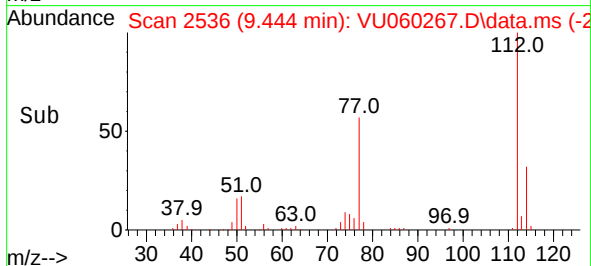
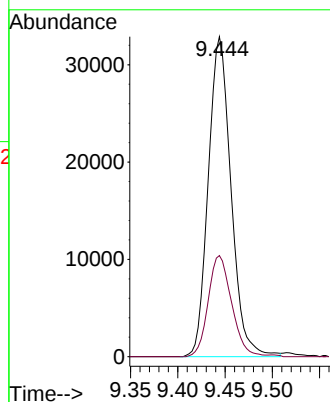
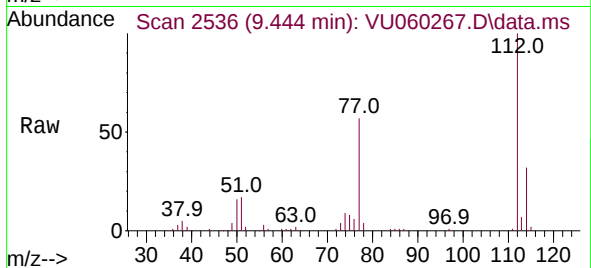




#59
Chlorobenzene
Concen: 1.963 ug/l
RT: 9.444 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

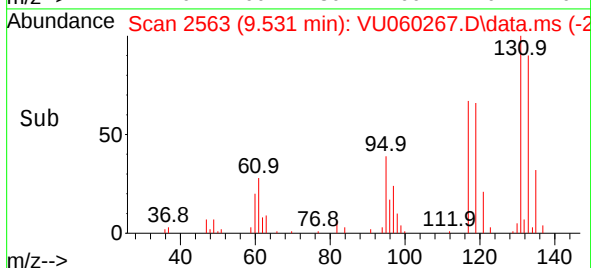
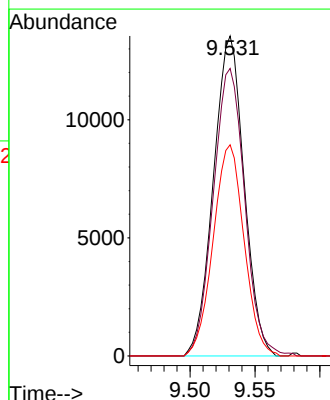
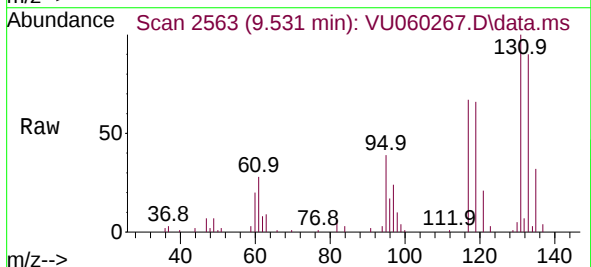
Instrument :
MSVOA_U
ClientSampleId :

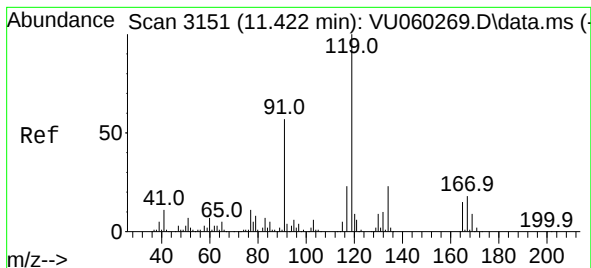
Tgt Ion:112 Resp: 55061
Ion Ratio Lower Upper
112 100
114 31.6 24.5 36.7



#60
1,1,1,2-Tetrachloroethane
Concen: 2.059 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

Tgt Ion:131 Resp: 22214
Ion Ratio Lower Upper
131 100
133 92.2 76.6 114.8
119 66.6 55.4 83.0





#61

Pentachloroethane

Concen: 2.077 ug/l

RT: 11.421 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA_U

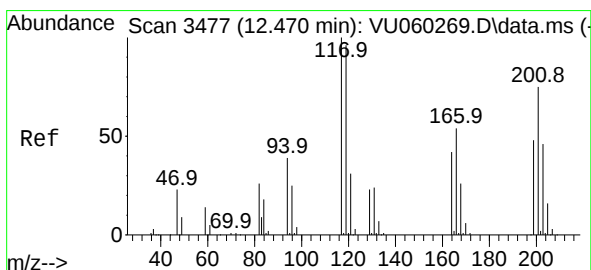
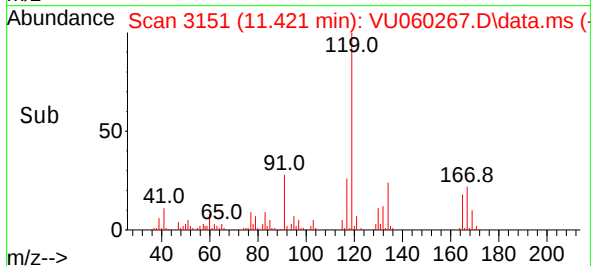
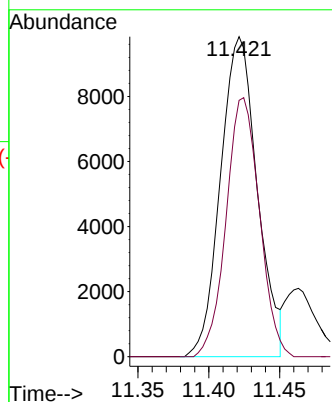
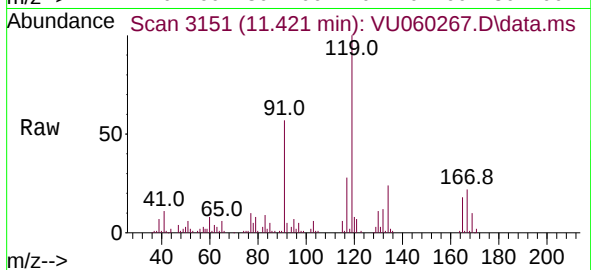
ClientSampleId :

Tgt Ion:117 Resp: 17772

Ion Ratio Lower Upper

117 100

167 73.2 61.6 92.4



#62

Hexachloroethane

Concen: 2.004 ug/l

RT: 12.470 min Scan# 3477

Delta R.T. -0.000 min

Lab File: VU060267.D

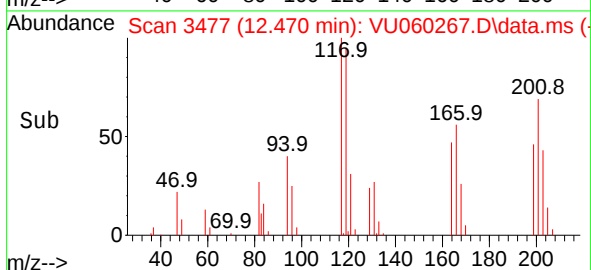
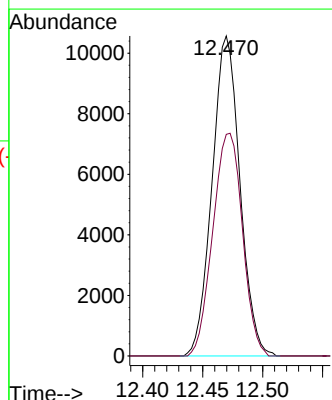
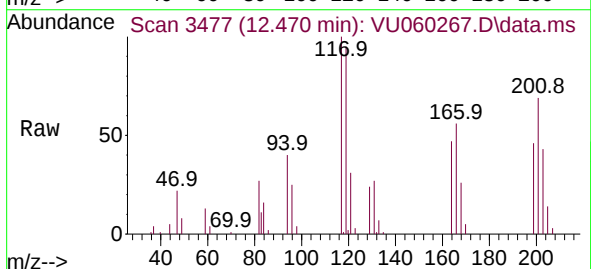
Acq: 30 Jul 2024 16:21

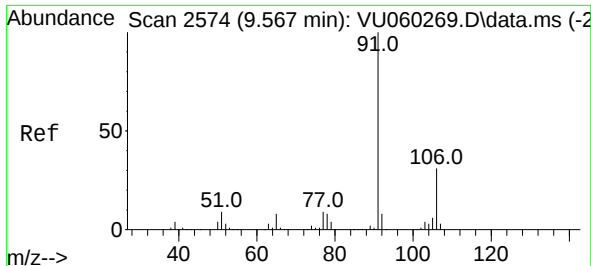
Tgt Ion:117 Resp: 17059

Ion Ratio Lower Upper

117 100

201 74.0 60.0 90.0





#63

Ethyl Benzene

Concen: 1.974 ug/l

RT: 9.566 min Scan# 2574

Delta R.T. -0.000 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA_U

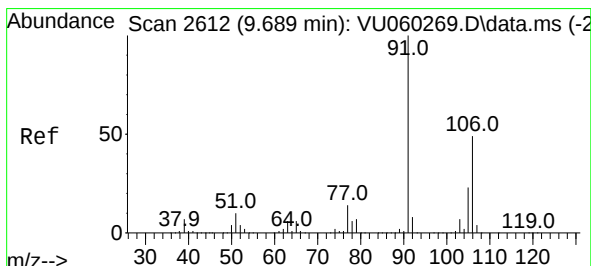
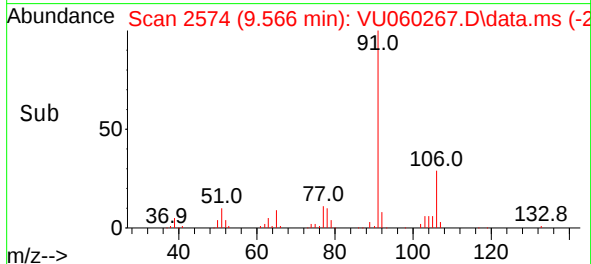
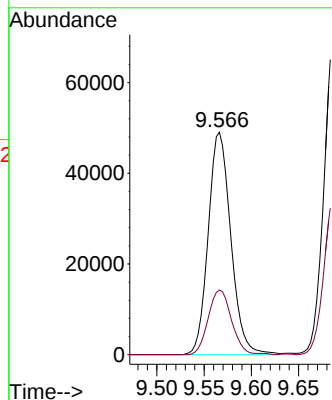
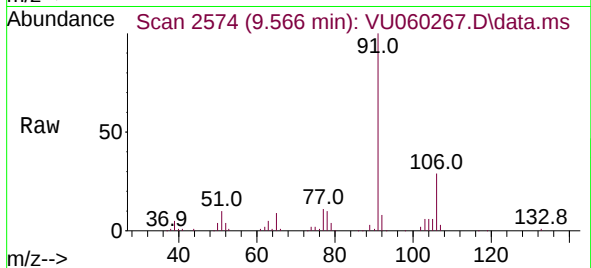
ClientSampleId :

Tgt Ion: 91 Resp: 81731

Ion Ratio Lower Upper

91 100

106 29.0 24.5 36.7



#64

m/p-Xylenes

Concen: 3.876 ug/l

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU060267.D

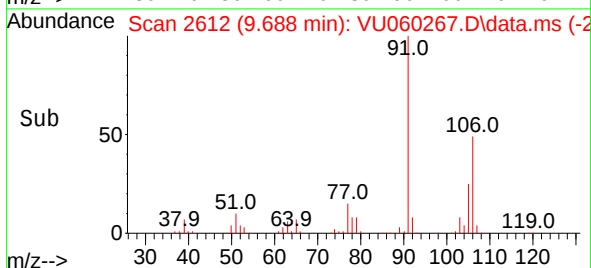
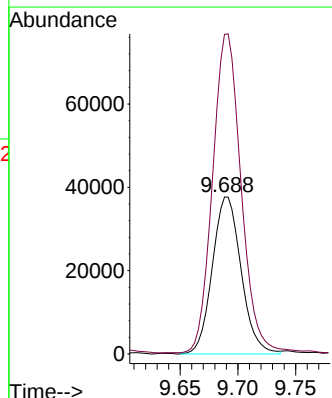
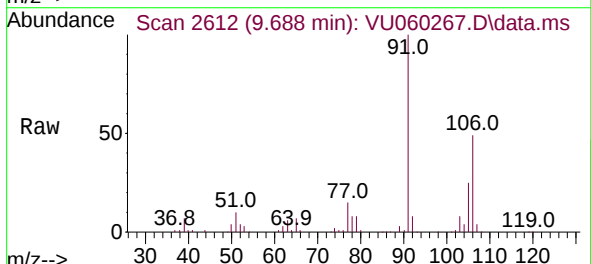
Acq: 30 Jul 2024 16:21

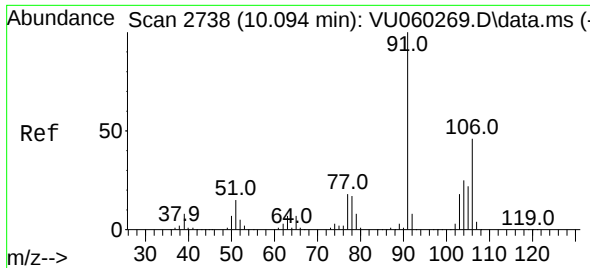
Tgt Ion:106 Resp: 65367

Ion Ratio Lower Upper

106 100

91 202.3 164.2 246.4

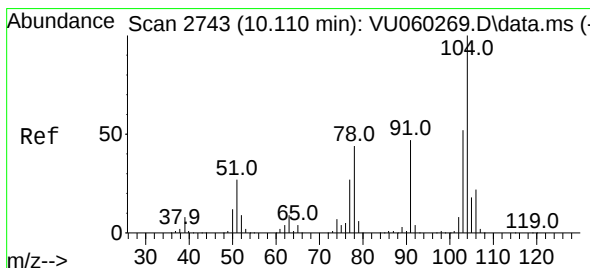
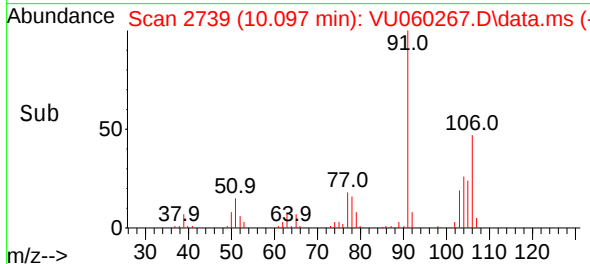
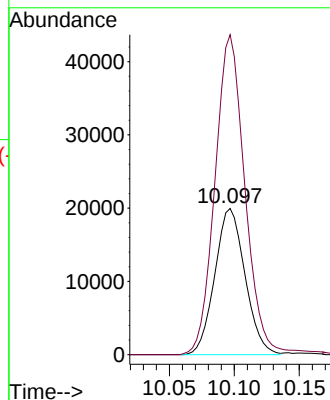
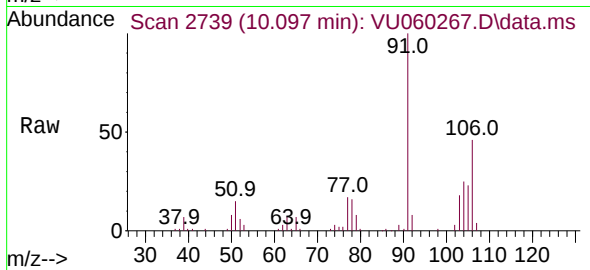




#65
o-Xylene
Concen: 2.015 ug/l
RT: 10.097 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

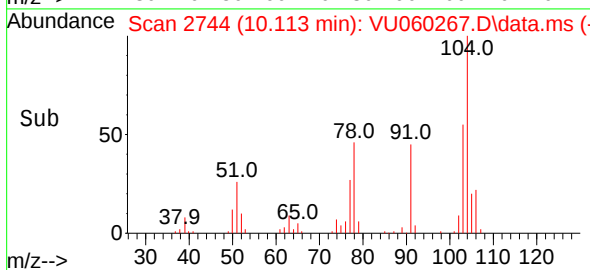
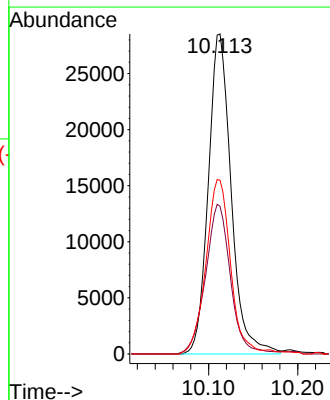
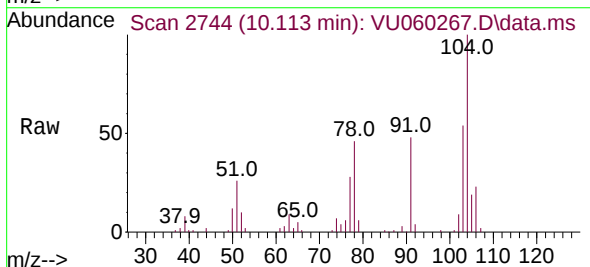
Instrument :
MSVOA_U
ClientSampleId :

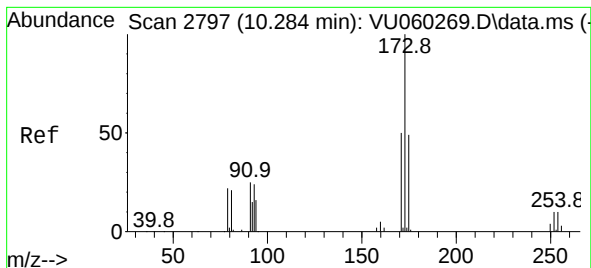
Tgt Ion:106 Resp: 32296
Ion Ratio Lower Upper
106 100
91 218.0 109.4 328.2



#66
Styrene
Concen: 1.932 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

Tgt Ion:104 Resp: 50914
Ion Ratio Lower Upper
104 100
78 50.8 39.1 58.7
103 58.0 44.8 67.2





#67

Bromoform

Concen: 2.013 ug/l

RT: 10.286 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :

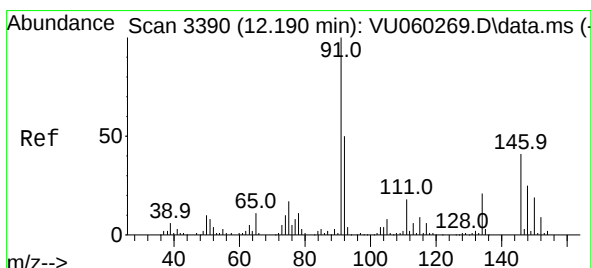
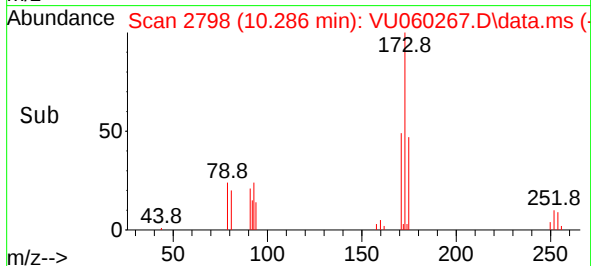
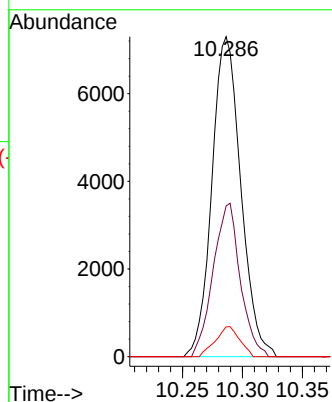
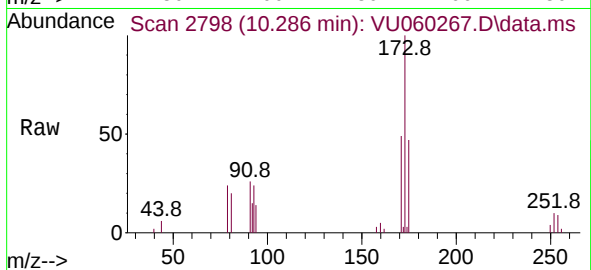
Tgt Ion:173 Resp: 12216

Ion Ratio Lower Upper

173 100

175 44.9 39.4 59.0

254 7.8 8.4 12.6#



#68

1,2-Dichlorobenzene-d4

Concen: 1.032 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. -0.000 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

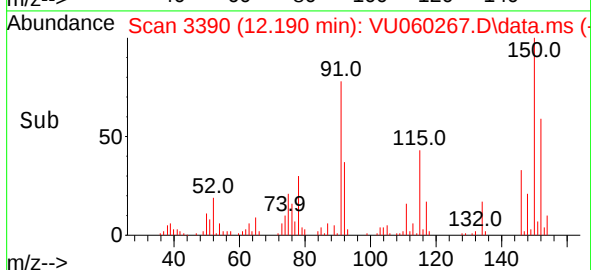
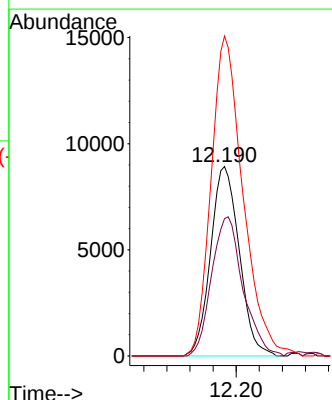
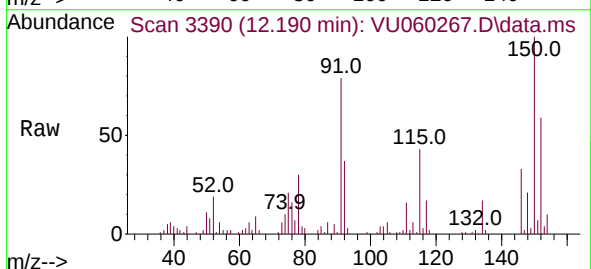
Tgt Ion:152 Resp: 15390

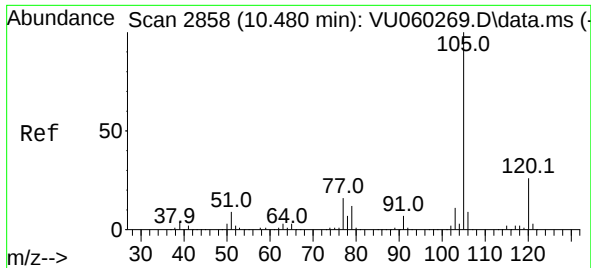
Ion Ratio Lower Upper

152 100

115 80.4 0.0 305.0

150 187.6 0.0 671.8





#69

Isopropylbenzene

Concen: 2.011 ug/l

RT: 10.479 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA_U

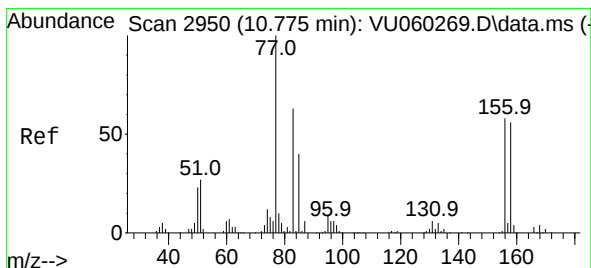
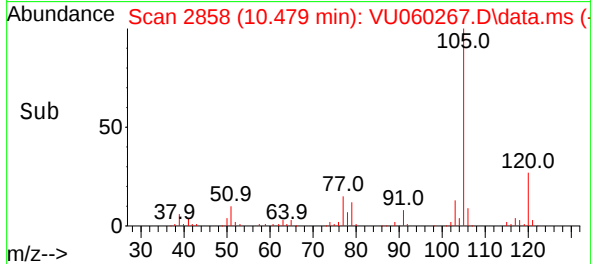
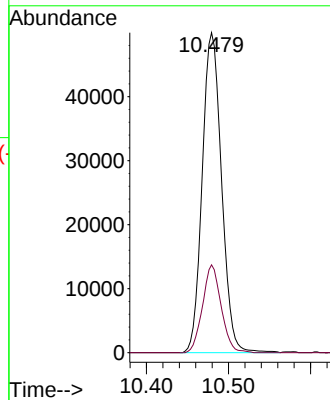
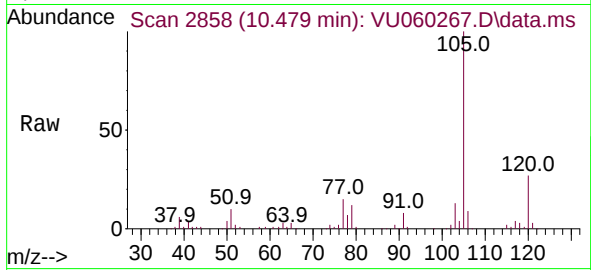
ClientSampleId :

Tgt Ion:105 Resp: 81776

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.1



#70

1,1,2,2-Tetrachloroethane

Concen: 2.059 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

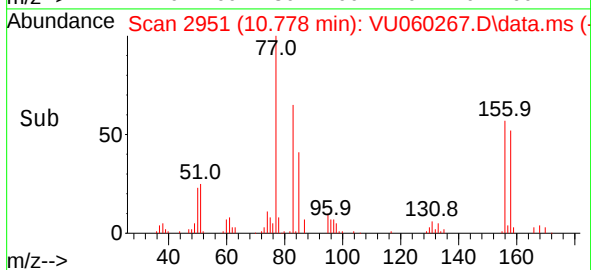
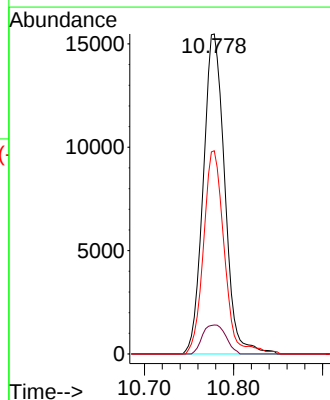
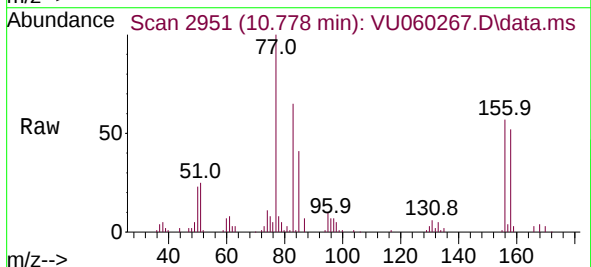
Tgt Ion: 83 Resp: 25875

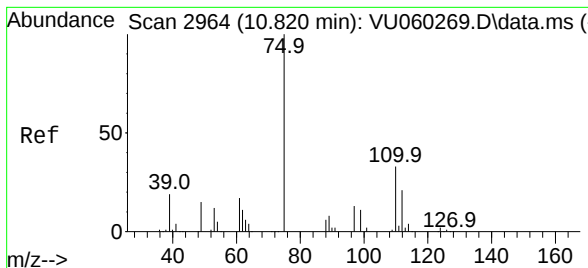
Ion Ratio Lower Upper

83 100

131 9.9 7.0 10.6

85 61.2 50.3 75.5





#71

1,2,3-Trichloropropane

Concen: 2.977 ug/l

RT: 10.820 min Scan# 2964

Delta R.T. -0.000 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 75 Resp: 27083

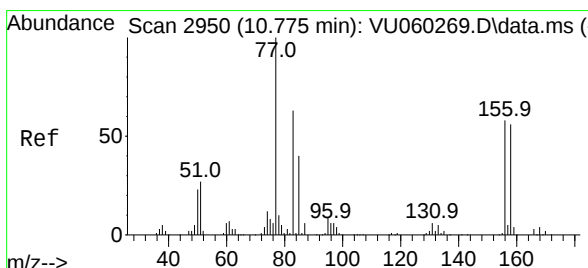
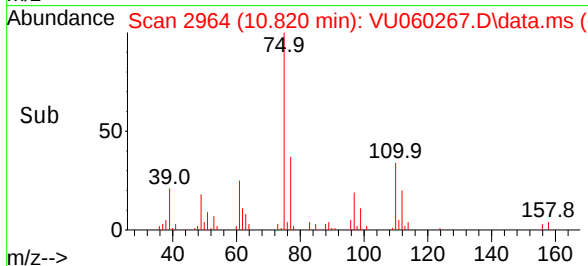
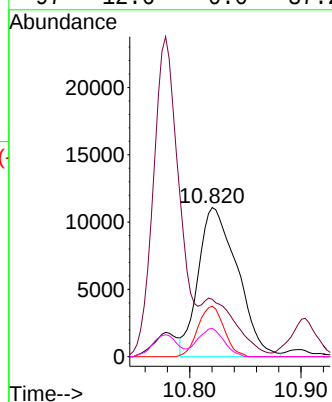
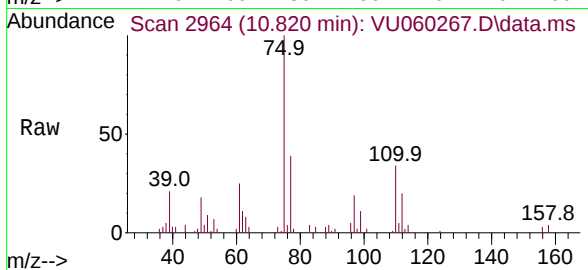
Ion Ratio Lower Upper

75 100

77 0.0 0.0 96.0

110 22.6 0.0 65.4

97 12.6 0.0 37.2



#72

Bromobenzene

Concen: 2.008 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

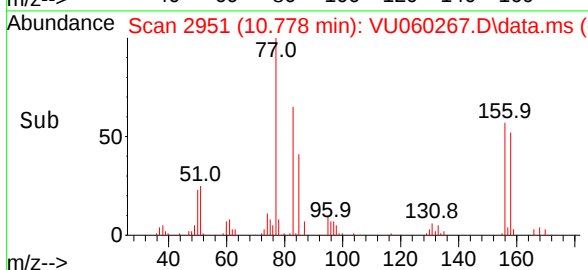
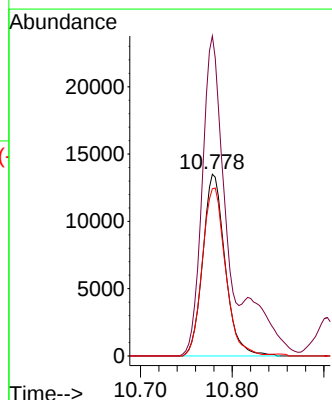
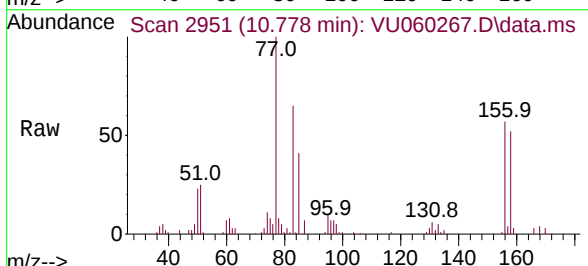
Tgt Ion:156 Resp: 22852

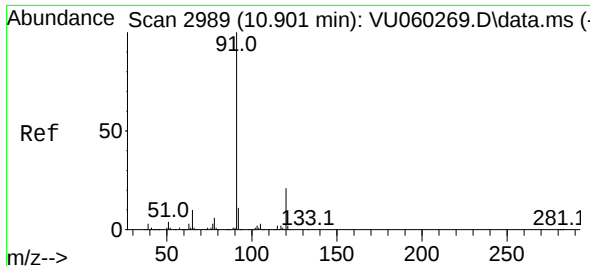
Ion Ratio Lower Upper

156 100

77 169.2 0.0 344.0

158 96.0 0.0 196.0

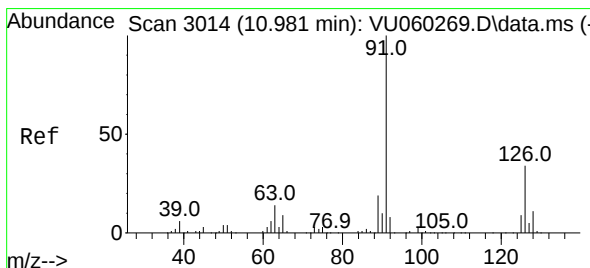
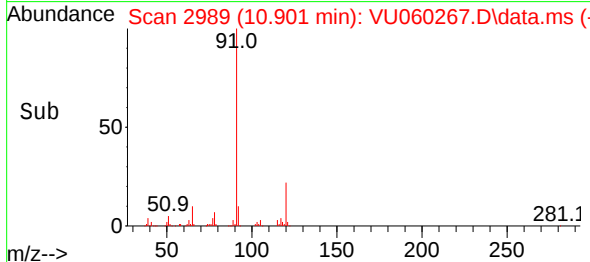
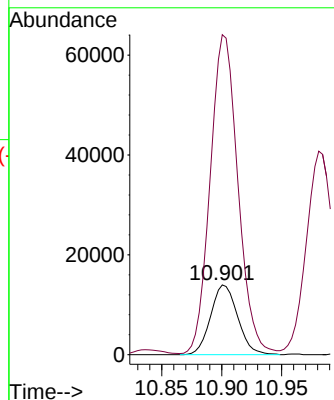
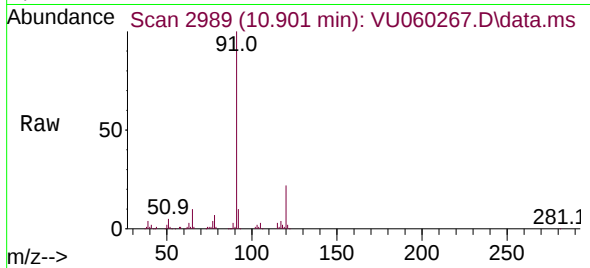




#73
n-propylbenzene
Concen: 1.994 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. -0.000 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

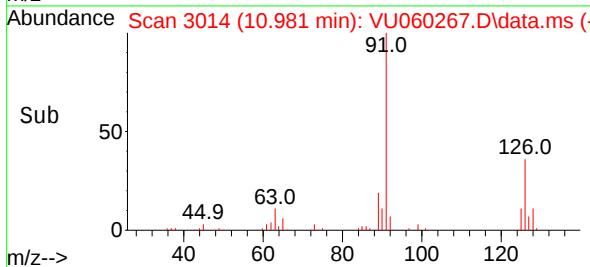
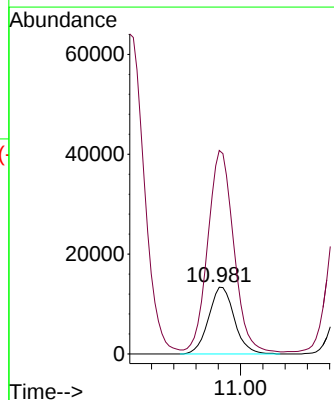
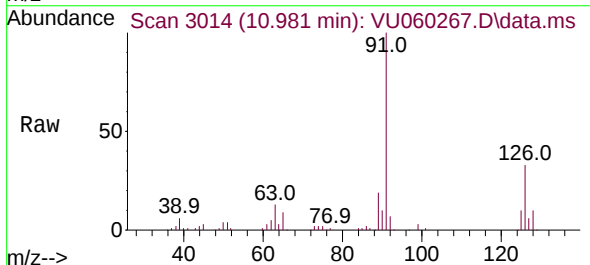
Instrument :
MSVOA_U
ClientSampleId :

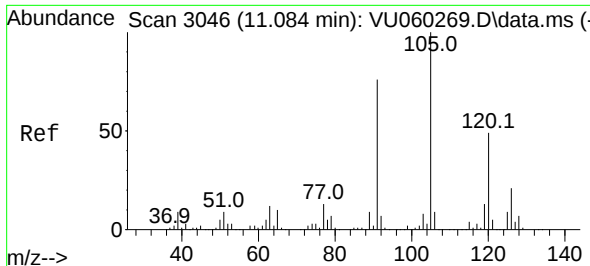
Tgt Ion:120 Resp: 21903
Ion Ratio Lower Upper
120 100
91 467.8 370.7 556.1



#74
2-Chlorotoluene
Concen: 1.883 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.000 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

Tgt Ion:126 Resp: 21410
Ion Ratio Lower Upper
126 100
91 304.0 0.0 613.0

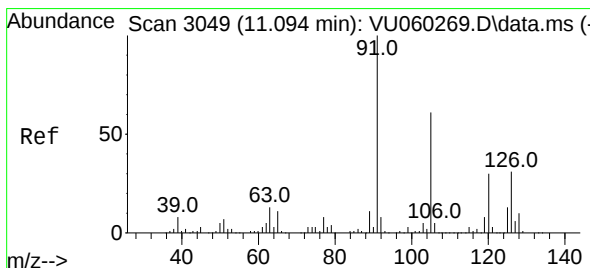
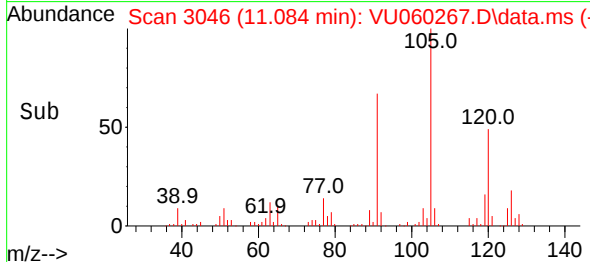
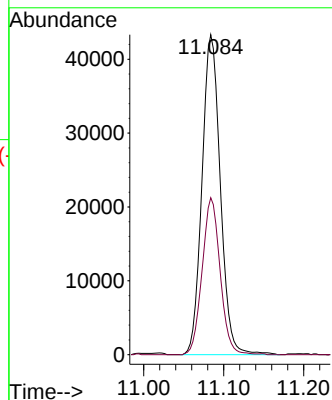
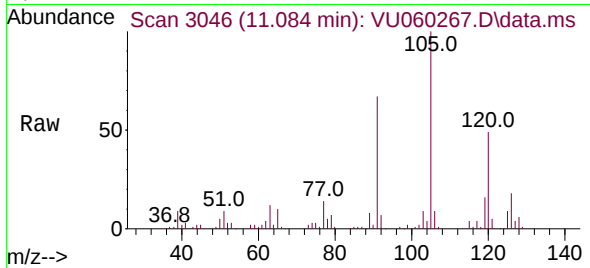




#75
1,3,5-Trimethylbenzene
Concen: 1.959 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

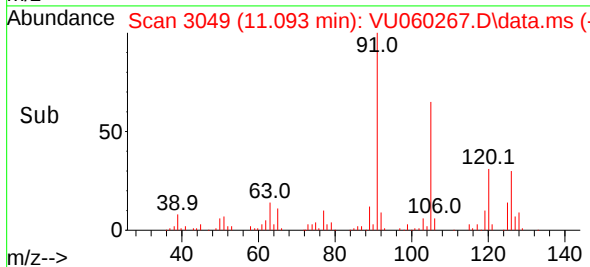
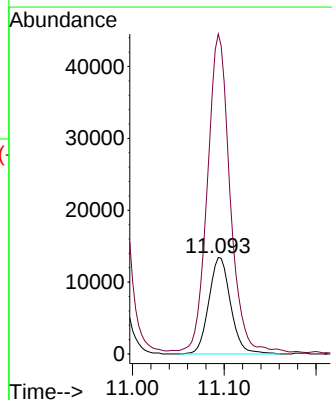
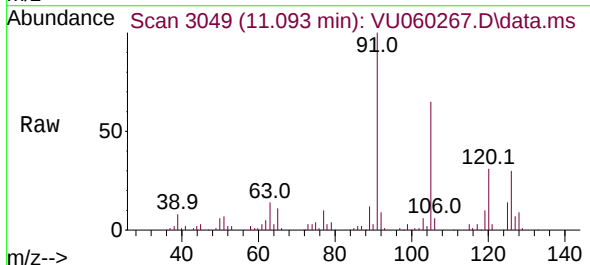
Instrument :
MSVOA_U
ClientSampleId :

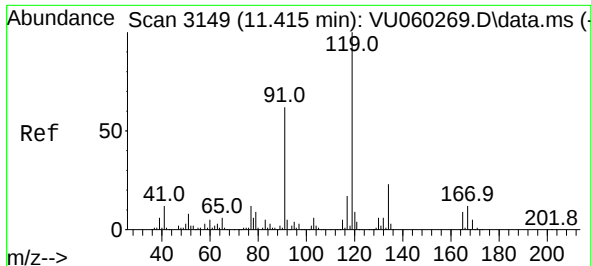
Tgt Ion:105 Resp: 69337
Ion Ratio Lower Upper
105 100
120 48.0 38.5 57.7



#76
4-Chlorotoluene
Concen: 1.988 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. -0.000 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

Tgt Ion:126 Resp: 22129
Ion Ratio Lower Upper
126 100
91 334.0 0.0 679.4





#77

tert-Butylbenzene

Concen: 2.043 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :

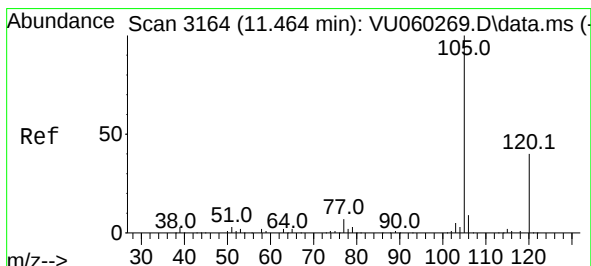
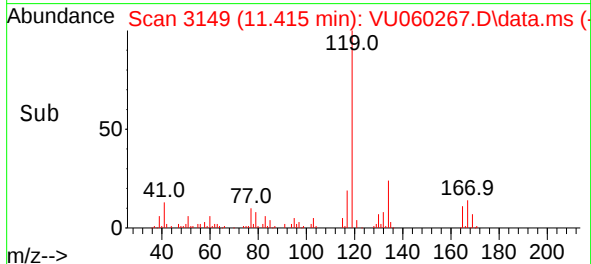
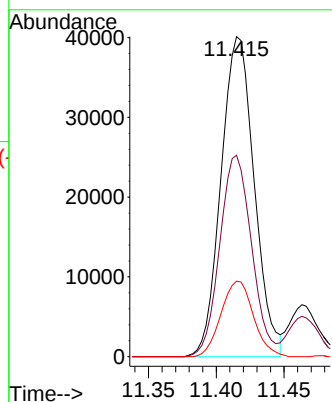
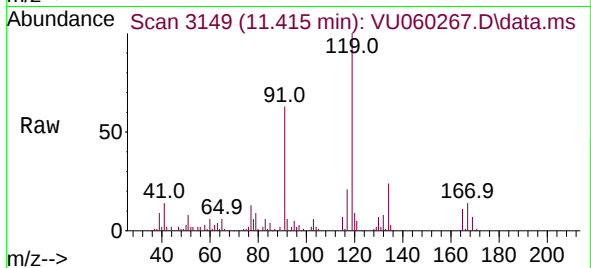
Tgt Ion:119 Resp: 68442

Ion Ratio Lower Upper

119 100

91 60.2 30.1 90.3

134 23.0 18.5 27.7



#78

1,2,4-Trimethylbenzene

Concen: 1.971 ug/l

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU060267.D

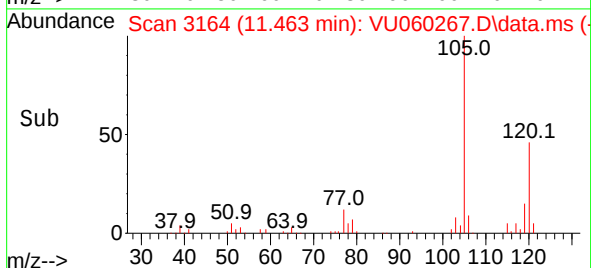
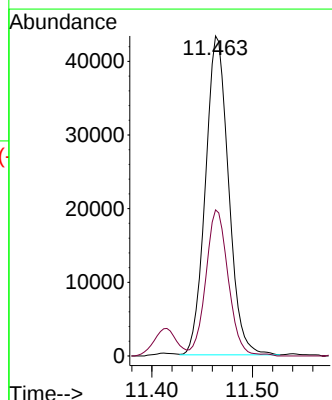
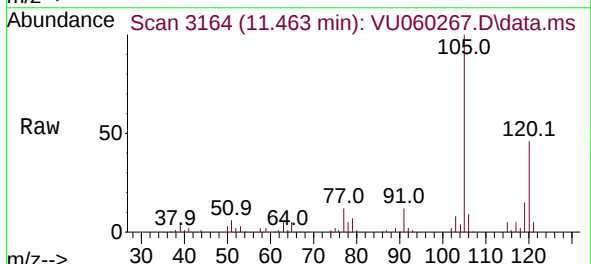
Acq: 30 Jul 2024 16:21

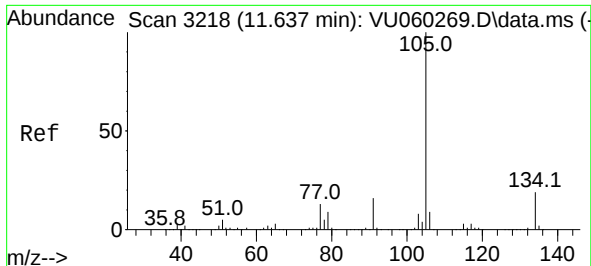
Tgt Ion:105 Resp: 69131

Ion Ratio Lower Upper

105 100

120 44.7 22.6 67.7





#79

sec-Butylbenzene

Concen: 2.025 ug/l

RT: 11.640 min Scan# 3218

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA_U

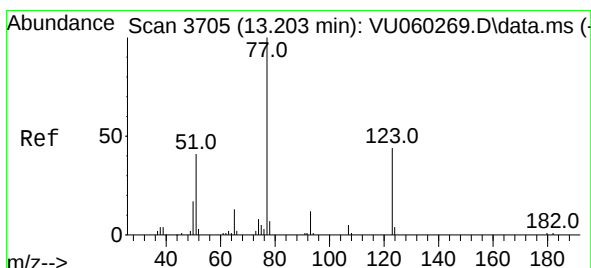
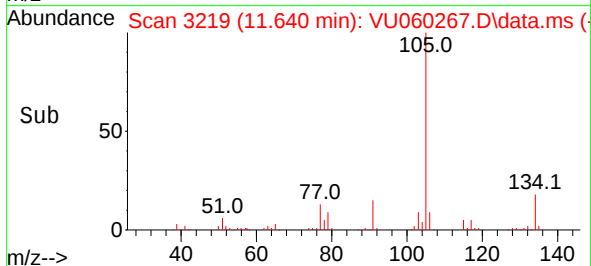
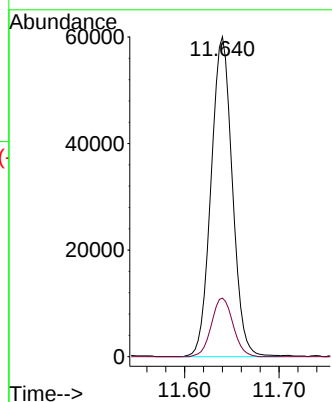
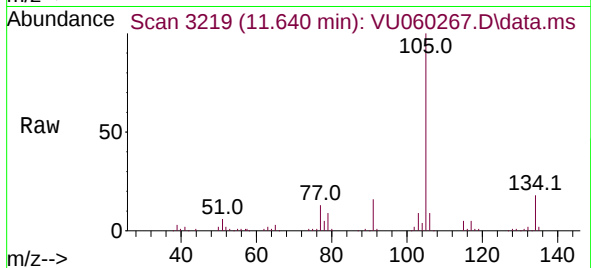
ClientSampleId :

Tgt Ion:105 Resp: 93856

Ion Ratio Lower Upper

105 100

134 18.6 15.1 22.7



#80

Nitrobenzene

Concen: 7.264 ug/l

RT: 13.216 min Scan# 3709

Delta R.T. 0.012 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

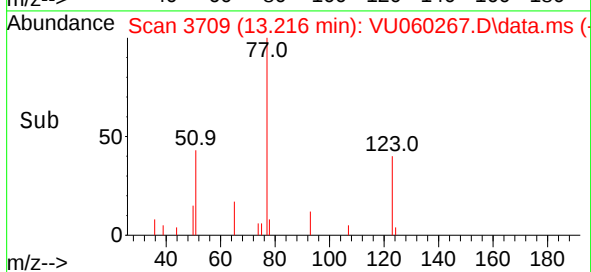
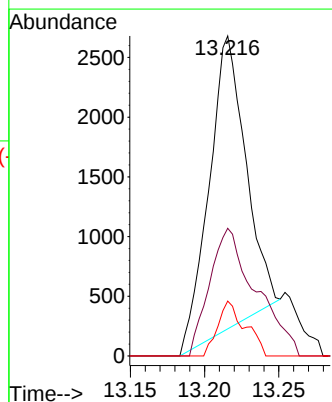
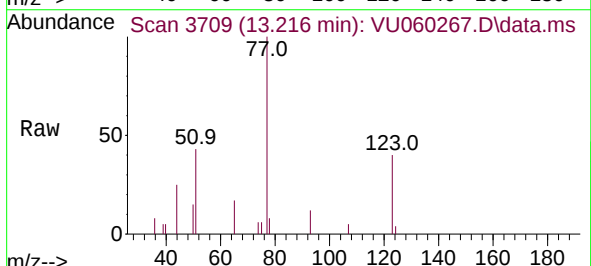
Tgt Ion: 77 Resp: 4246

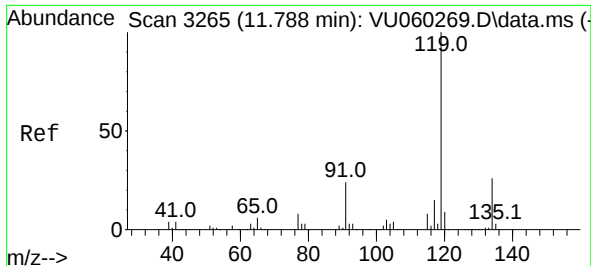
Ion Ratio Lower Upper

77 100

123 54.7 20.1 71.1

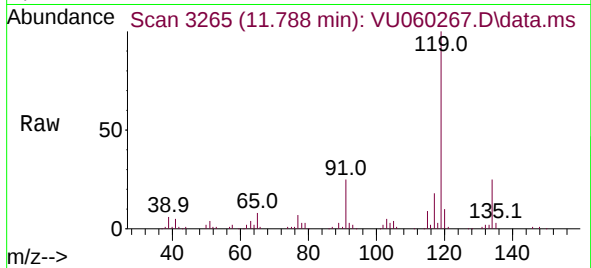
65 13.8 10.5 13.3#



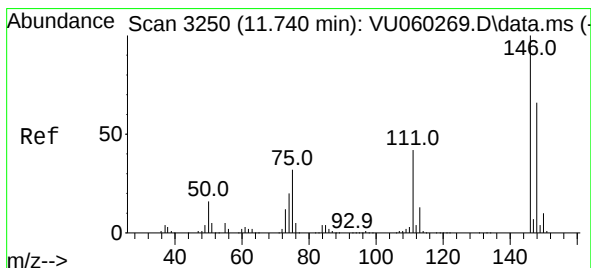
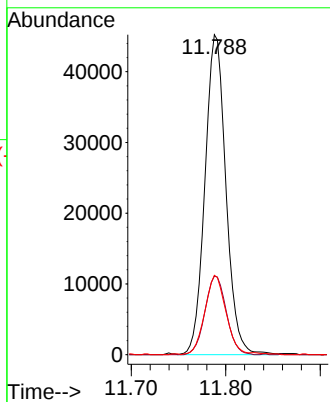
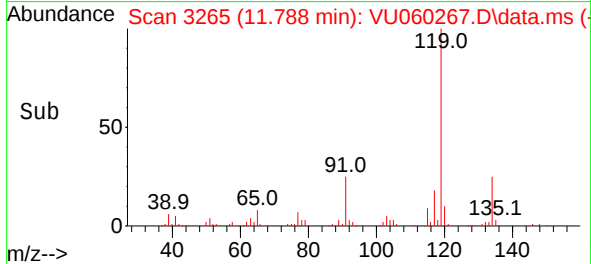


#81
p-Isopropyltoluene
Concen: 1.979 ug/l
RT: 11.788 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21

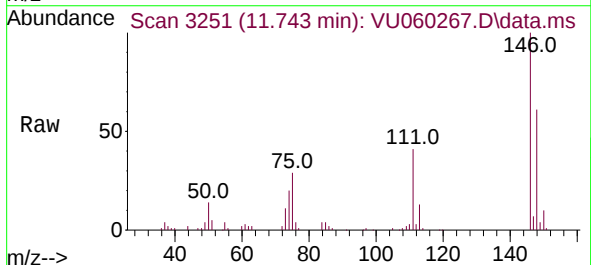
Instrument :
MSVOA_U
ClientSampleId :



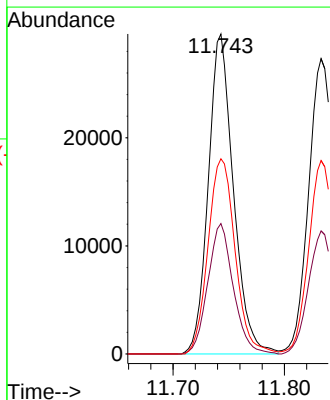
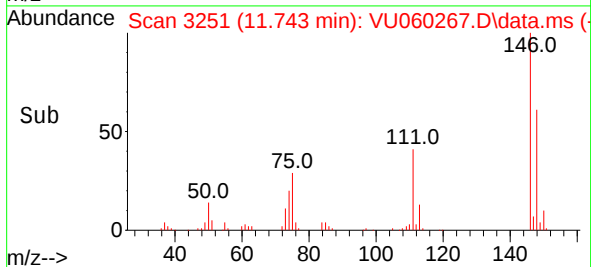
Tgt Ion:119 Resp: 69664
Ion Ratio Lower Upper
119 100
134 25.0 20.6 30.8
91 25.4 18.8 28.2

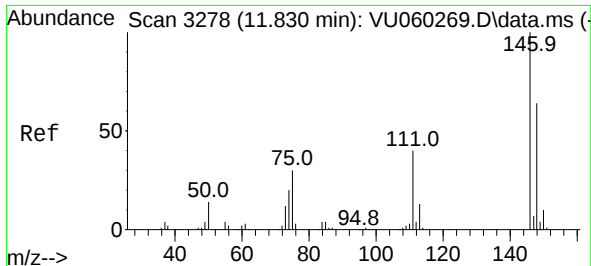


#82
1,3-Dichlorobenzene
Concen: 2.015 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU060267.D
Acq: 30 Jul 2024 16:21



Tgt Ion:146 Resp: 46427
Ion Ratio Lower Upper
146 100
111 41.3 33.7 50.5
148 65.8 52.0 78.0





#83

1,4-Dichlorobenzene

Concen: 2.002 ug/l

RT: 11.833 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :

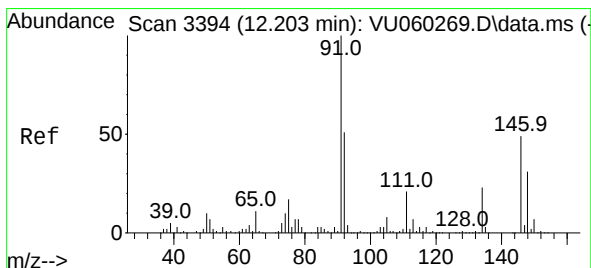
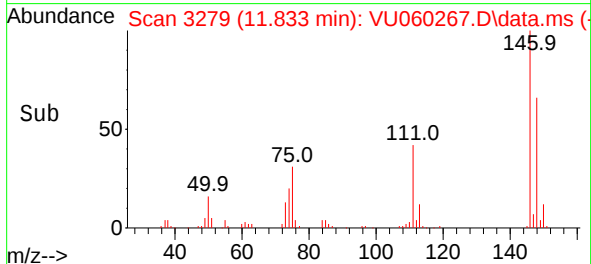
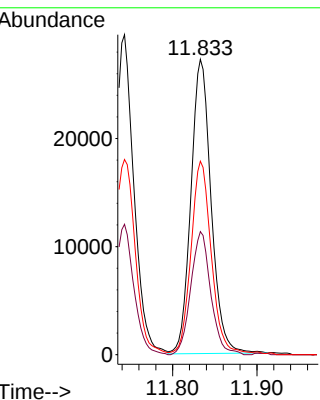
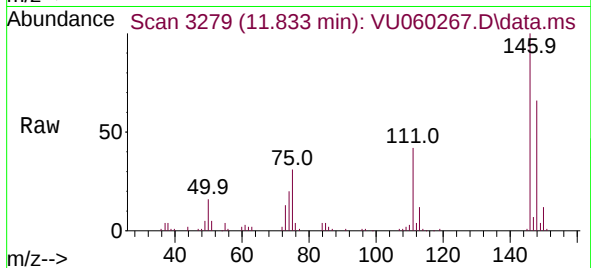
Tgt Ion:146 Resp: 45503

Ion Ratio Lower Upper

146 100

111 41.2 31.3 46.9

148 64.4 50.6 76.0



#84

n-Butylbenzene

Concen: 2.002 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

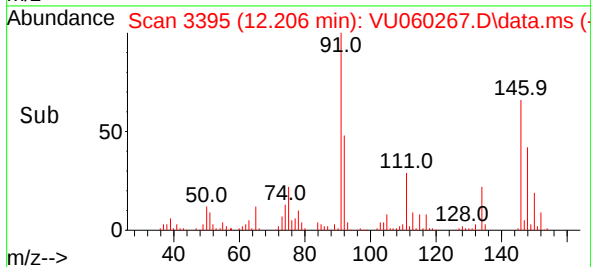
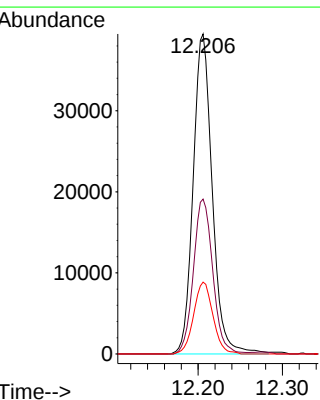
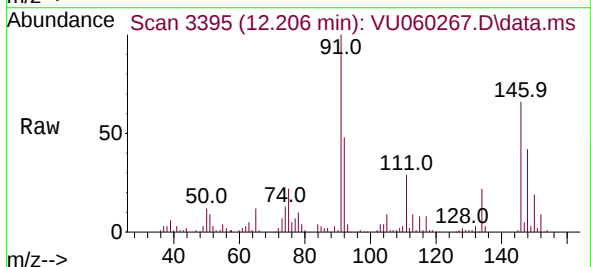
Tgt Ion: 91 Resp: 62307

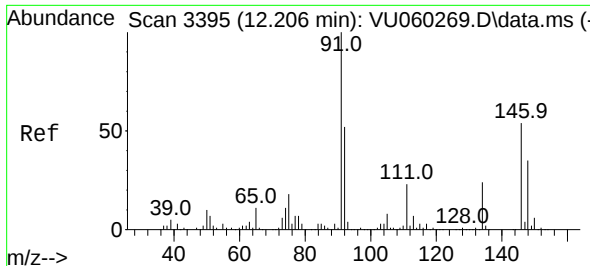
Ion Ratio Lower Upper

91 100

92 49.2 41.1 61.7

134 22.7 18.8 28.2





#85

1,2-Dichlorobenzene

Concen: 2.020 ug/l

RT: 12.209 min Scan# 3400

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :

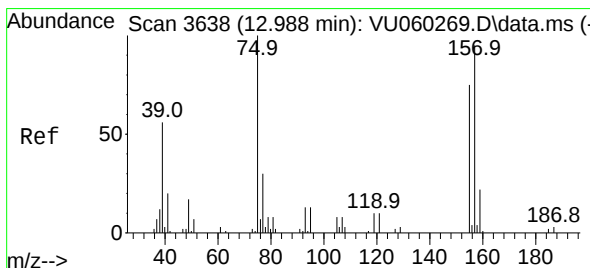
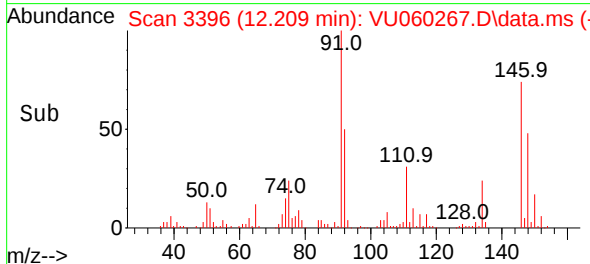
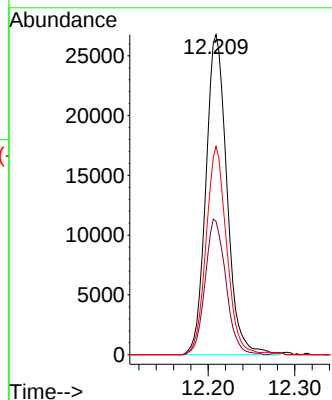
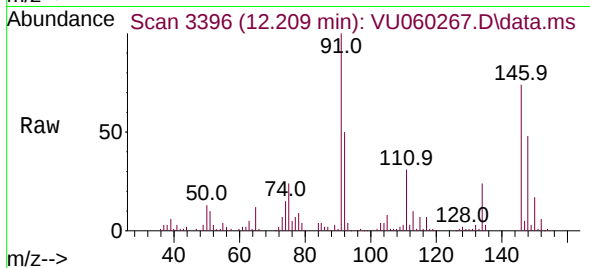
Tgt Ion:146 Resp: 45182

Ion Ratio Lower Upper

146 100

111 41.7 21.6 64.6

148 63.4 32.3 96.8



#86

1,2-Dibromo-3-Chloropropane

Concen: 2.003 ug/l

RT: 12.994 min Scan# 3640

Delta R.T. 0.006 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

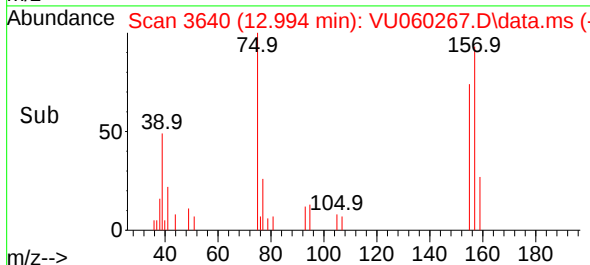
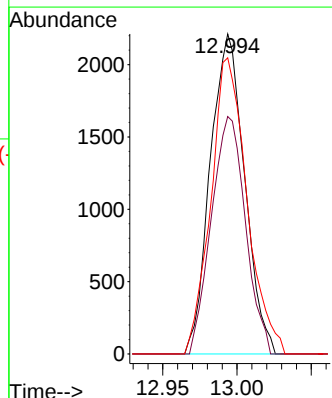
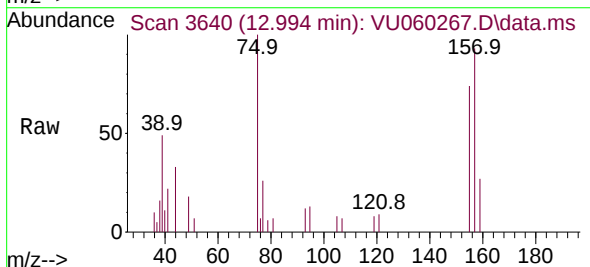
Tgt Ion: 75 Resp: 3550

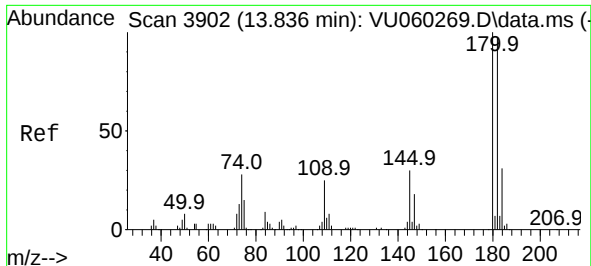
Ion Ratio Lower Upper

75 100

155 73.8 64.5 96.7

157 97.3 79.3 118.9





#87

1,2,4-Trichlorobenzene

Concen: 1.915 ug/l

RT: 13.839 min Scan# 3903

Delta R.T. 0.003 min

Lab File: VU060267.D

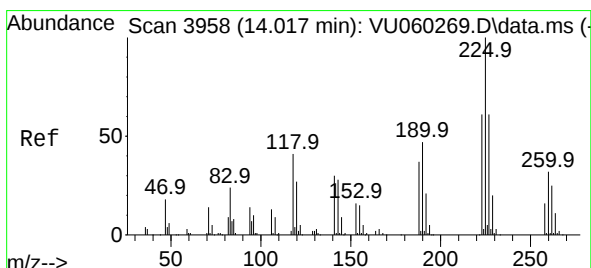
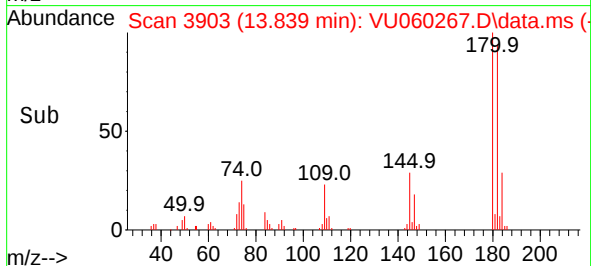
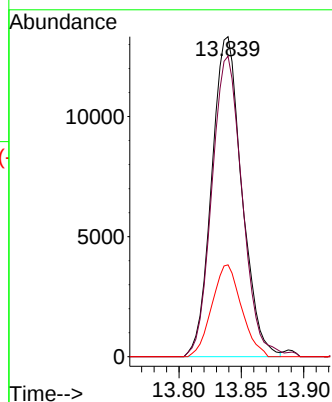
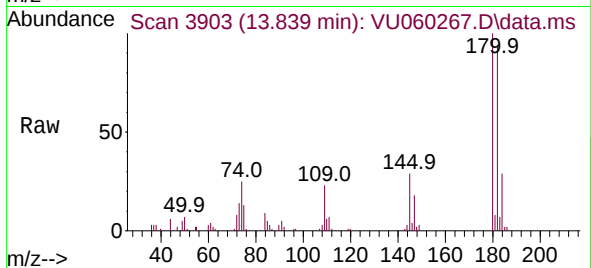
Acq: 30 Jul 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180	Resp:	22444
Ion Ratio	Lower	Upper
180	100	
182	94.8	76.5 114.7
145	28.2	23.8 35.8



#88

Hexachlorobutadiene

Concen: 1.992 ug/l

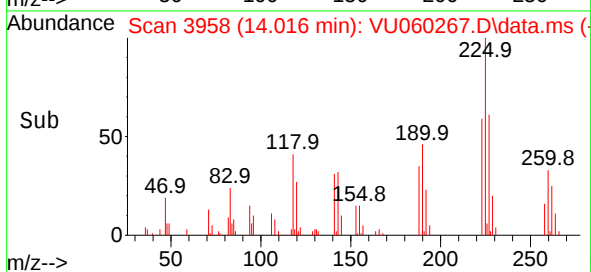
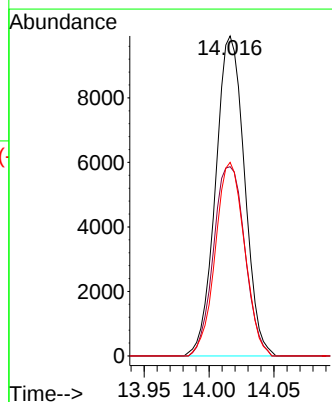
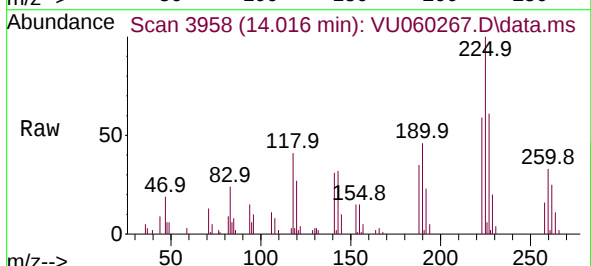
RT: 14.016 min Scan# 3958

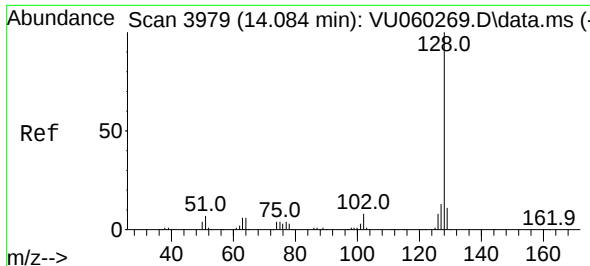
Delta R.T. -0.000 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Tgt Ion:225	Resp:	15356
Ion Ratio	Lower	Upper
225	100	
223	64.0	50.2 75.2
227	61.0	50.4 75.6





#89

Naphthalene

Concen: 2.129 ug/l

RT: 14.087 min Scan# 3979

Delta R.T. 0.003 min

Lab File: VU060267.D

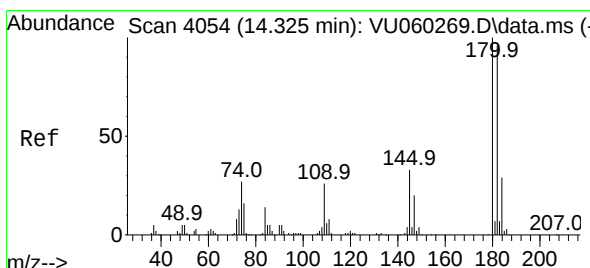
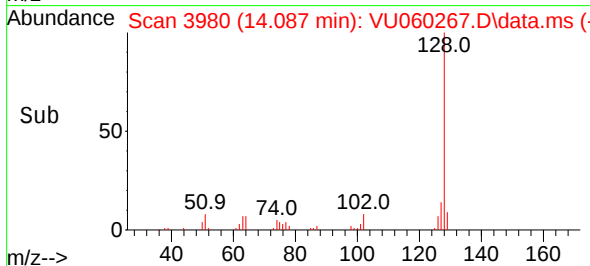
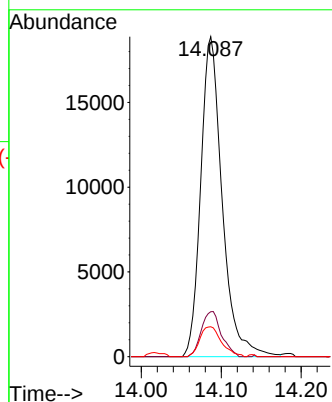
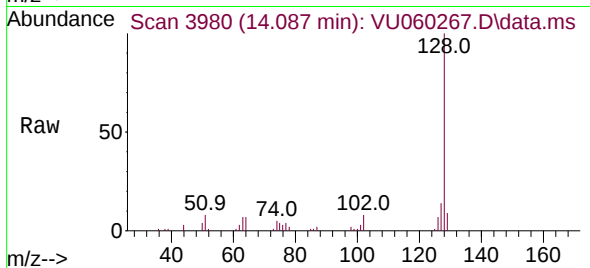
Acq: 30 Jul 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	35270
Ion Ratio	Lower	Upper
128	100	
127	13.2	10.5 15.7
129	9.5	8.7 13.1



#90

1,2,3-Trichlorobenzene

Concen: 2.074 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Tgt Ion:180	Resp:	21064
Ion Ratio	Lower	Upper
180	100	
182	95.4	76.2 114.2
145	31.1	25.6 38.4

