

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010225\
 Data File : VU062647.D
 Acq On : 02 Jan 2025 10:06
 Operator : MD/SY
 Sample : VSTD0.5
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 03 00:23:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 03 00:22:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	100728	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	93326	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	46869	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	2913	0.442	ug/L	0.00
7) Chloroethane-d5	1.901	69	2299	0.477	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	1572	0.495	ug/L	0.00
20) 2-Butanone-d5	4.647	46	5103	3.987	ug/L	0.03
24) Chloroform-d	5.055	84	6926	0.471	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	3754	0.512	ug/L	0.00
32) Benzene-d6	5.721	84	10433	0.395	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	3027	0.403	ug/L	0.00
41) Toluene-d8	7.891	98	10286	0.411	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	1417	0.419	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	4223	4.103	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.756	84	2709	0.459	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	3666	0.426	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	4870	0.512	ug/L	95
3) Chloromethane	1.515	50	3370	0.468	ug/L	99
5) Vinyl chloride	1.596	62	3442	0.453	ug/L	94
6) Bromomethane	1.846	94	2668	0.512	ug/L	100
8) Chloroethane	1.924	64	2297	0.532	ug/L	96
9) Trichlorofluoromethane	2.129	101	7472	0.549	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	3458	0.473	ug/L	94
12) 1,1-Dichloroethene	2.573	96	2877	0.427	ug/L	88
13) Acetone	2.628	43	6080	7.007	ug/L	99
14) Carbon disulfide	2.782	76	10199	0.482	ug/L	98
15) Methyl Acetate	2.952	43	467	0.214	ug/L #	44
16) Methylene chloride	3.036	84	3725	0.529	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	8296	0.493	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	3373	0.485	ug/L	97
19) 1,1-Dichloroethane	3.856	63	5981	0.471	ug/L	93
21) 2-Butanone	4.718	43	5221	4.194	ug/L #	55
22) cis-1,2-Dichloroethene	4.660	96	3491	0.450	ug/L	86
23) Bromochloromethane	4.972	128	1600	0.467	ug/L	95
25) Chloroform	5.078	83	7596	0.529	ug/L	98
27) 1,2-Dichloroethane	5.788	62	4820	0.523	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	7165	0.542	ug/L	96
30) Cyclohexane	5.377	56	4220	0.404	ug/L	89
31) Carbon tetrachloride	5.512	117	6422	0.528	ug/L	99
33) Benzene	5.766	78	13156	0.460	ug/L	100
34) Trichloroethene	6.537	95	5637	0.680	ug/L	97
35) Methylcyclohexane	6.753	83	5737	0.476	ug/L	90
37) 1,2-Dichloropropane	6.782	63	3287	0.478	ug/L #	85
38) Bromodichloromethane	7.094	83	4907	0.492	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	4783	0.426	ug/L	92
40) 4-Methyl-2-pentanone	7.788	43	14136	4.397	ug/L	97
42) Toluene	7.965	91	13741	0.444	ug/L	98
44) trans-1,3-Dichloropropene	8.213	75	4119	0.447	ug/L	99

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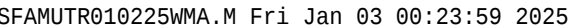
Quant Time: Jan 03 00:23:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 03 00:22:44 2025
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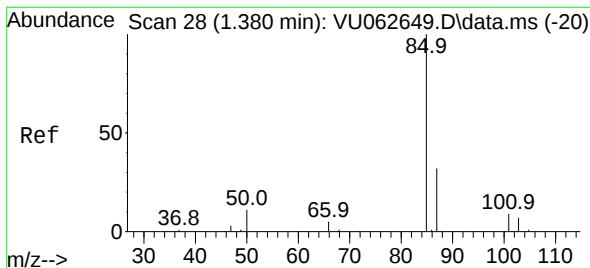
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.393	97	2459	0.470	ug/L	92
47) Tetrachloroethene	8.544	164	3176	0.502	ug/L	91
48) 2-Hexanone	8.682	43	9265	3.934	ug/L	97
49) Dibromochloromethane	8.801	129	3364	0.519	ug/L	95
50) 1,2-Dibromoethane	8.923	107	2167	0.428	ug/L #	71
51) Chlorobenzene	9.438	112	9388	0.473	ug/L	97
52) Ethylbenzene	9.563	91	15568	0.450	ug/L	97
53) m,p-Xylene	9.688	106	5799	0.453	ug/L	85
54) o-Xylene	10.094	106	5437	0.437	ug/L	97
55) Styrene	10.113	104	8972	0.435	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	2944	0.485	ug/L #	89
59) Bromoform	10.283	173	1963	0.526	ug/L #	88
60) Isopropylbenzene	10.476	105	15024	0.447	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	2170	0.507	ug/L	92
62) 1,3,5-Trimethylbenzene	11.081	105	12212	0.429	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	11837	0.424	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	7436	0.479	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	7482	0.481	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	7025	0.491	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.997	75	512	0.533	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	5163	0.445	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	4005	0.436	ug/L	98
71) Naphthalene	14.097	128	4782	0.347	ug/L #	88
72) 1,2,3-Trichlorobenzene	14.325	180	3365	0.416	ug/L #	95

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

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QLast Update : Fri Jan 03 00:22:44 2025
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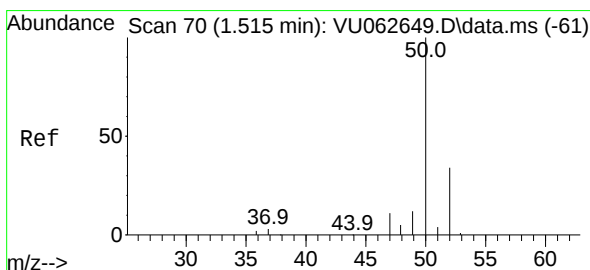
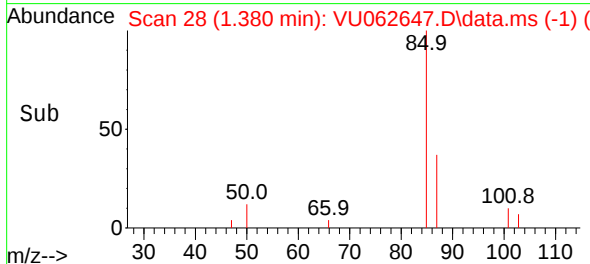
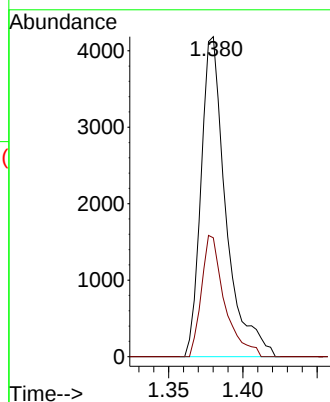
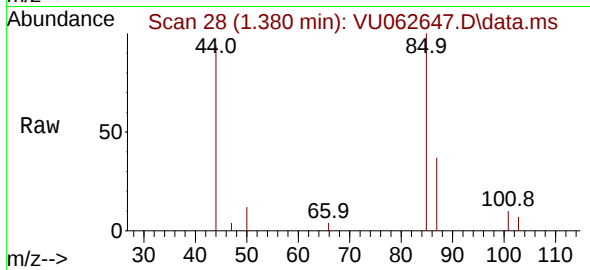




#2
 Dichlorodifluoromethane
 Concen: 0.512 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VU062647.D
 Acq: 02 Jan 2025 10:06

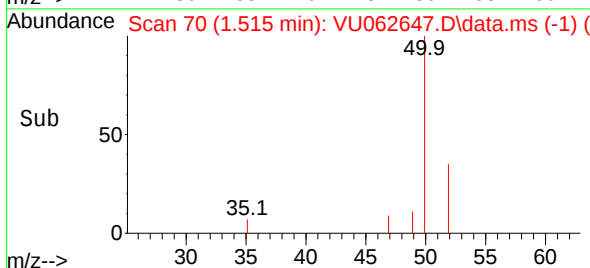
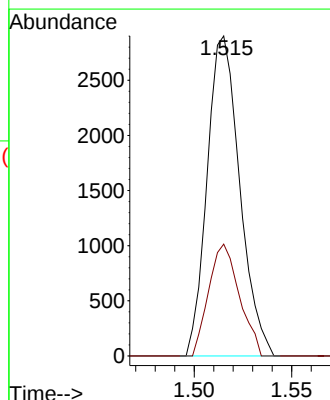
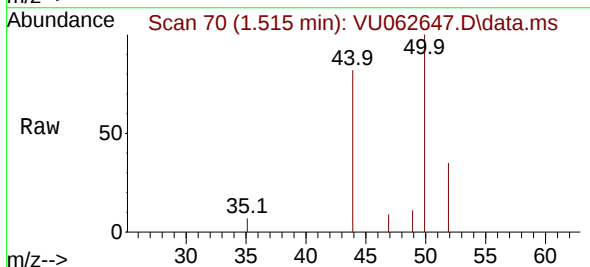
Instrument :
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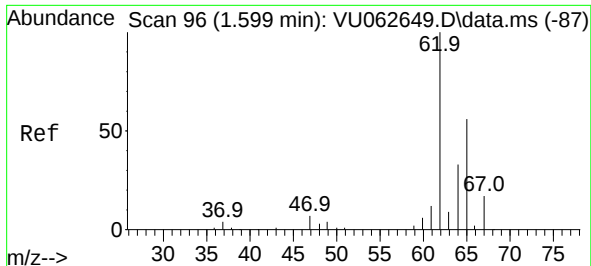
Tgt Ion: 85 Resp: 4870
 Ion Ratio Lower Upper
 85 100
 87 35.2 26.1 39.1



#3
 Chloromethane
 Concen: 0.468 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU062647.D
 Acq: 02 Jan 2025 10:06

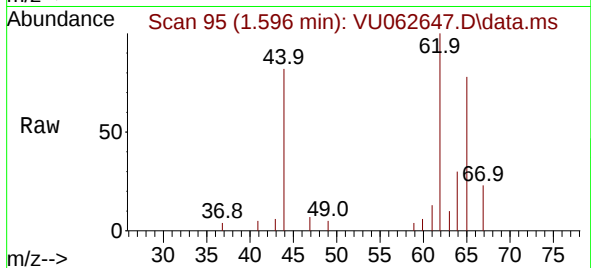
Tgt Ion: 50 Resp: 3370
 Ion Ratio Lower Upper
 50 100
 52 34.9 24.1 44.7



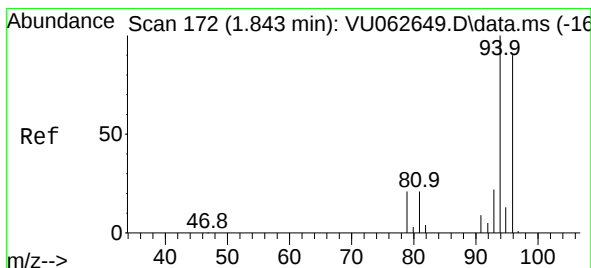
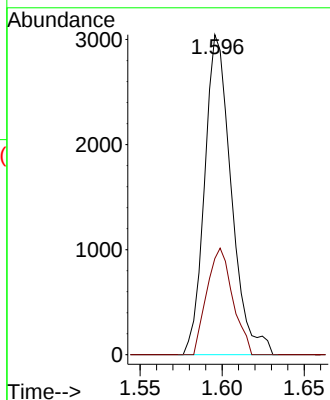
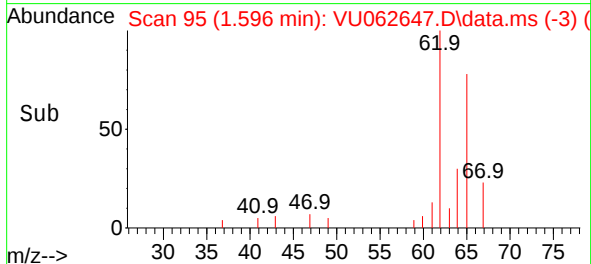


#5
 Vinyl chloride
 Concen: 0.453 ug/L
 RT: 1.596 min Scan# 96
 Delta R.T. -0.003 min
 Lab File: VU062647.D
 Acq: 02 Jan 2025 10:06

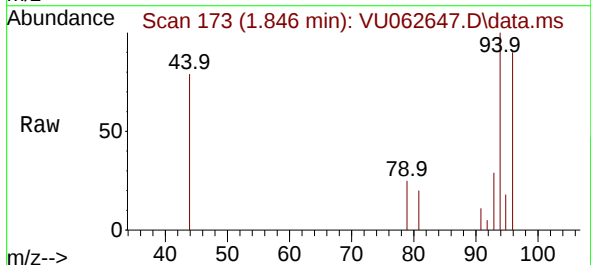
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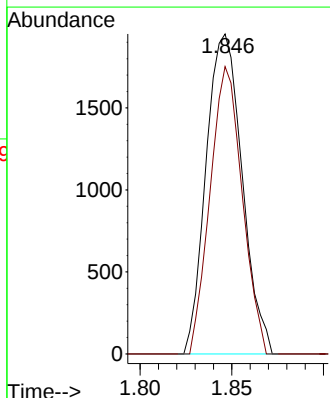
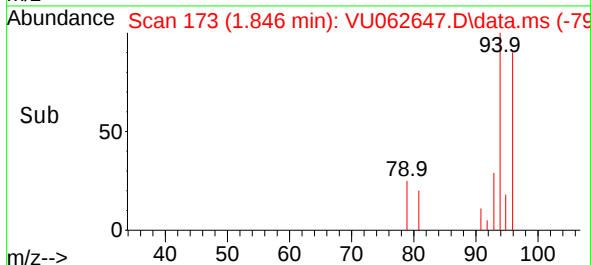
Tgt Ion: 62 Resp: 3442
 Ion Ratio Lower Upper
 62 100
 64 30.0 23.4 43.4

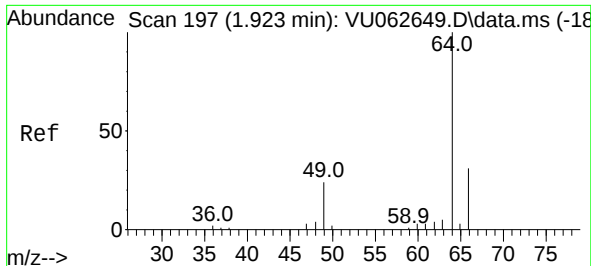


#6
 Bromomethane
 Concen: 0.512 ug/L
 RT: 1.846 min Scan# 173
 Delta R.T. 0.003 min
 Lab File: VU062647.D
 Acq: 02 Jan 2025 10:06



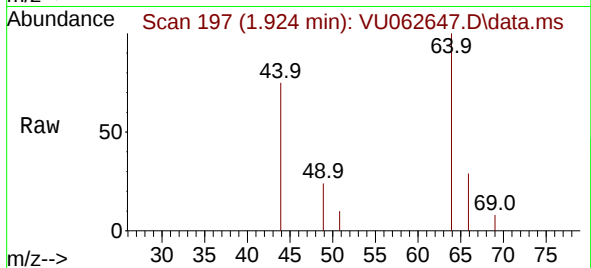
Tgt Ion: 94 Resp: 2668
 Ion Ratio Lower Upper
 94 100
 96 89.8 62.9 116.7



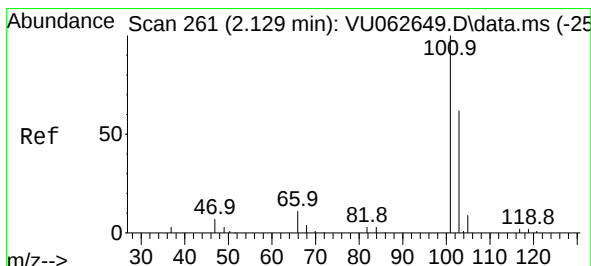
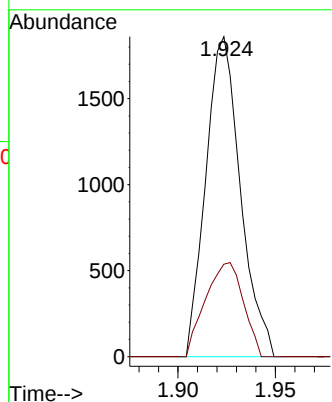
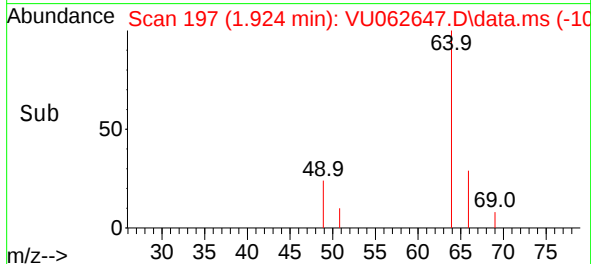


#8
Chloroethane
Concen: 0.532 ug/L
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU062647.D
Acq: 02 Jan 2025 10:06

Instrument :
MSVOA_U
ClientSampleId :

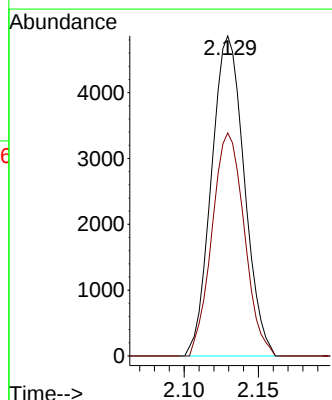
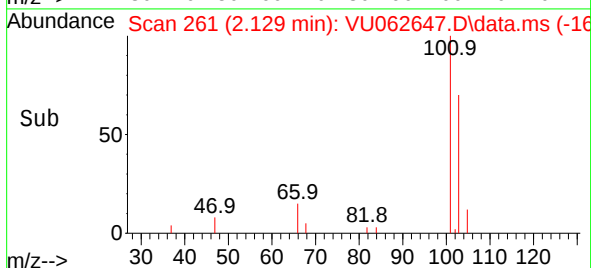
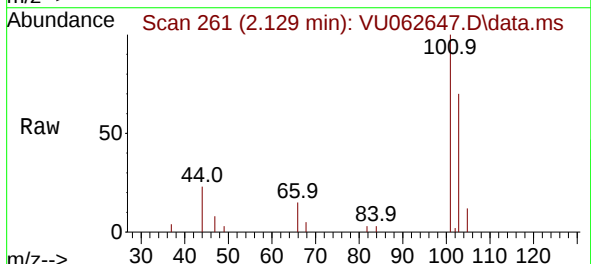


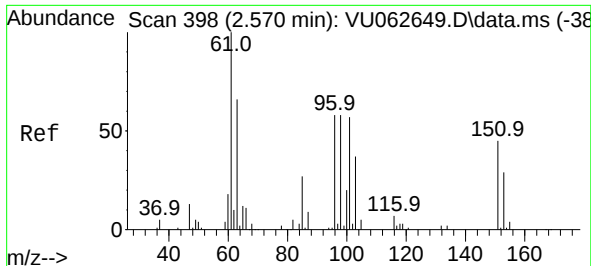
Tgt Ion: 64 Resp: 2297
Ion Ratio Lower Upper
64 100
66 28.9 21.6 40.2



#9
Trichlorofluoromethane
Concen: 0.549 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU062647.D
Acq: 02 Jan 2025 10:06

Tgt Ion:101 Resp: 7472
Ion Ratio Lower Upper
101 100
103 68.6 51.4 77.0

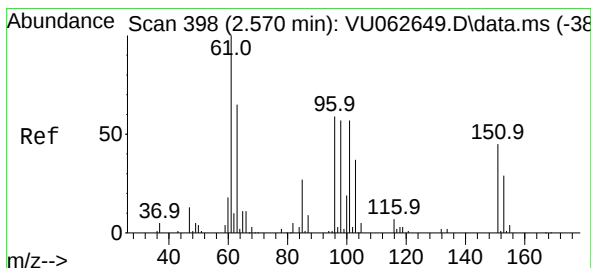
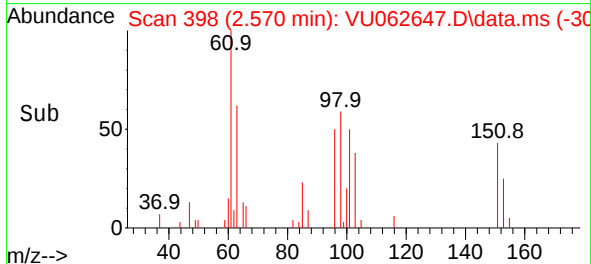
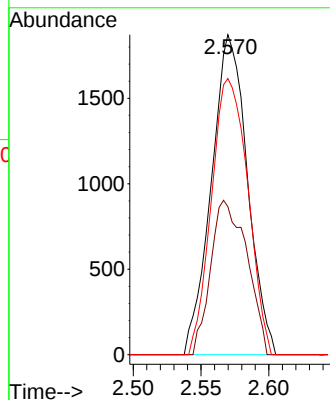
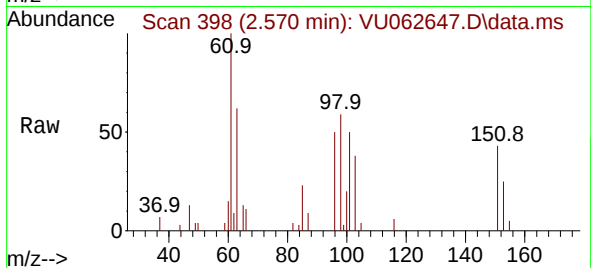




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.473 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU062647.D
 Acq: 02 Jan 2025 10:06

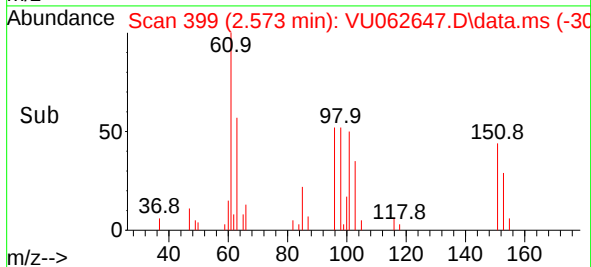
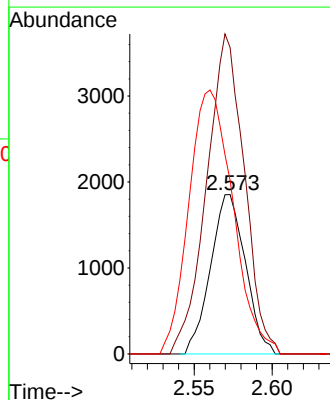
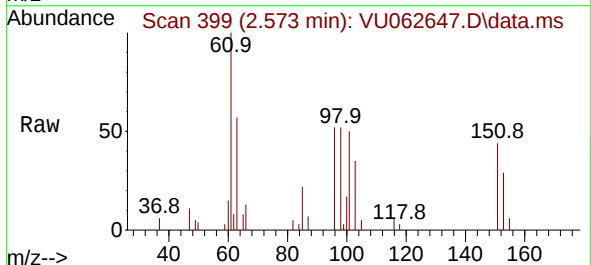
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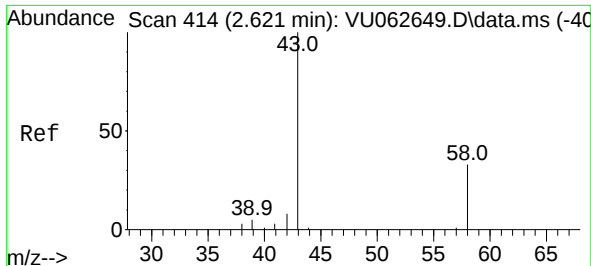
Tgt Ion:101 Resp: 3458
 Ion Ratio Lower Upper
 101 100
 85 48.6 37.0 55.6
 151 86.9 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 0.427 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.003 min
 Lab File: VU062647.D
 Acq: 02 Jan 2025 10:06

Tgt Ion: 96 Resp: 2877
 Ion Ratio Lower Upper
 96 100
 61 192.3 120.4 223.6
 63 108.9 82.3 152.9





#13

Acetone

Concen: 7.007 ug/L

RT: 2.628 min Scan# 41

Delta R.T. 0.007 min

Lab File: VU062647.D

Acq: 02 Jan 2025 10:06

Instrument :

MSVOA_U

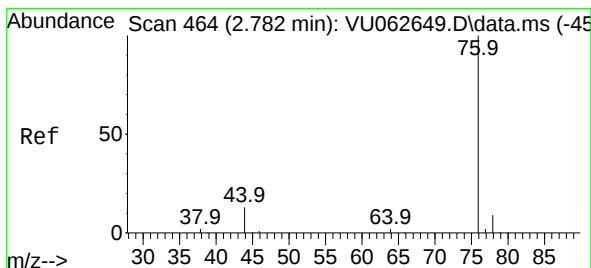
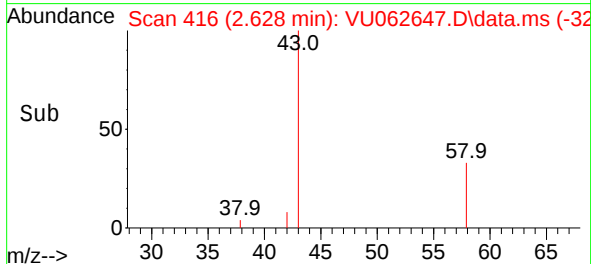
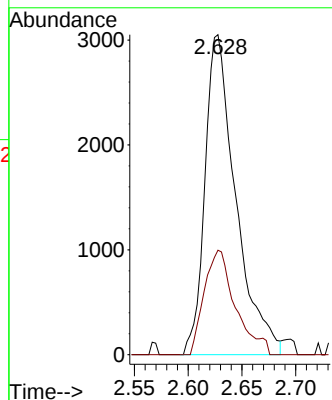
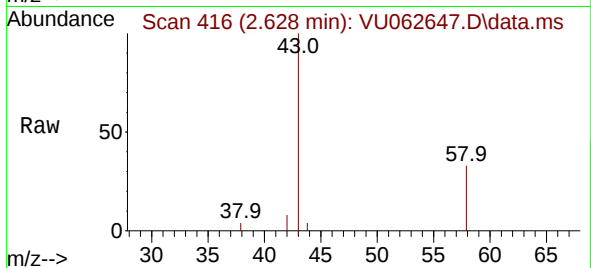
ClientSampleId :

Tgt Ion: 43 Resp: 6080

Ion Ratio Lower Upper

43 100

58 33.0 0.0 64.4



#14

Carbon disulfide

Concen: 0.482 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

Lab File: VU062647.D

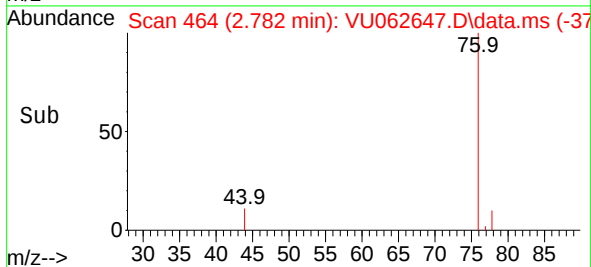
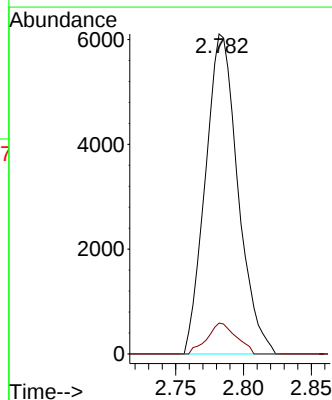
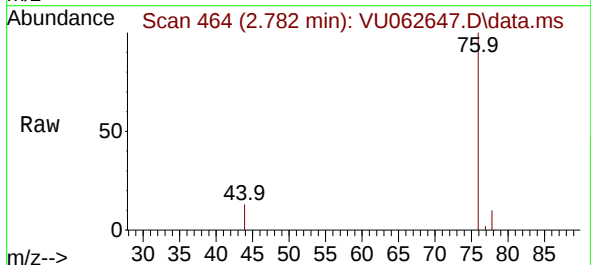
Acq: 02 Jan 2025 10:06

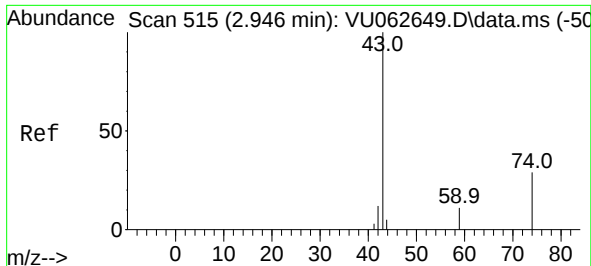
Tgt Ion: 76 Resp: 10199

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.6





#15

Methyl Acetate

Concen: 0.214 ug/L

RT: 2.952 min Scan# 51

Delta R.T. 0.007 min

Lab File: VU062647.D

Acq: 02 Jan 2025 10:06

Instrument :

MSVOA_U

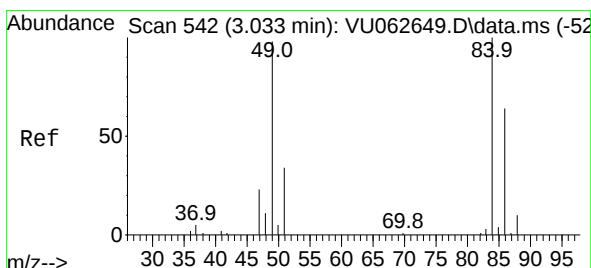
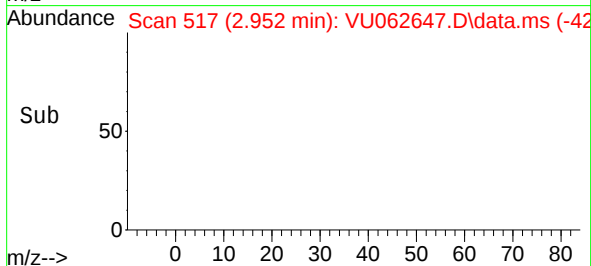
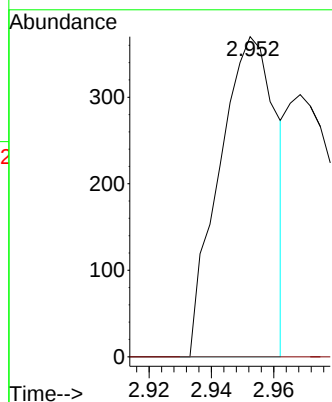
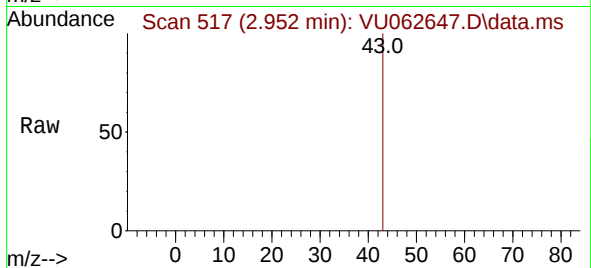
ClientSampleId :

Tgt Ion: 43 Resp: 467

Ion Ratio Lower Upper

43 100

74 0.0 24.4 36.6#



#16

Methylene chloride

Concen: 0.529 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.003 min

Lab File: VU062647.D

Acq: 02 Jan 2025 10:06

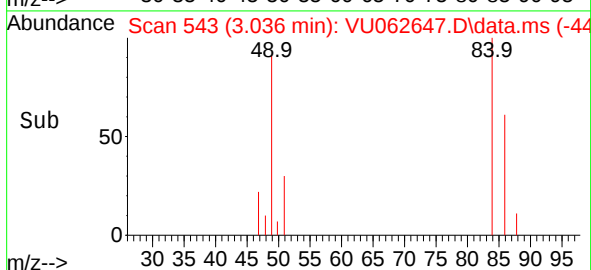
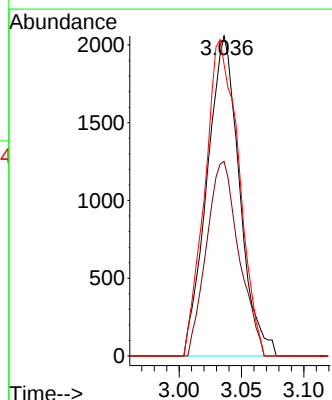
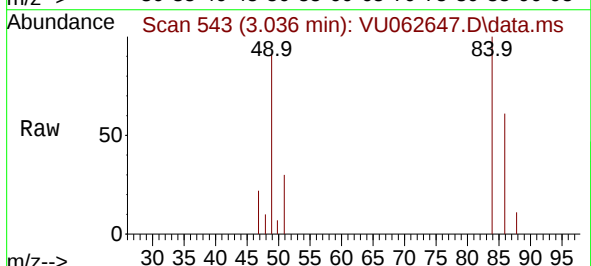
Tgt Ion: 84 Resp: 3725

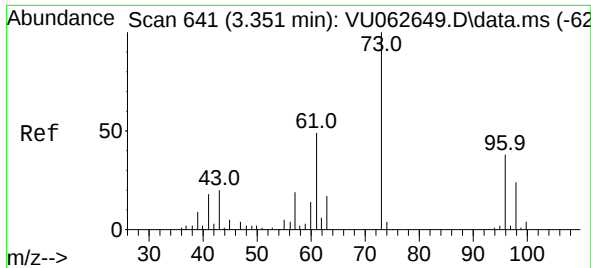
Ion Ratio Lower Upper

84 100

86 60.8 44.7 83.1

49 98.5 68.3 126.9

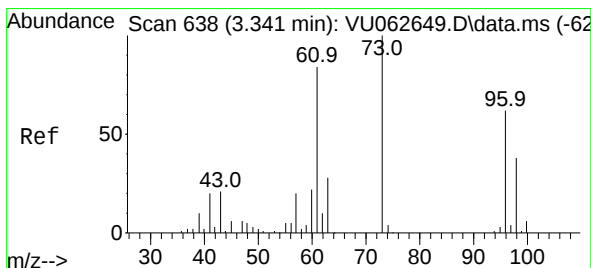
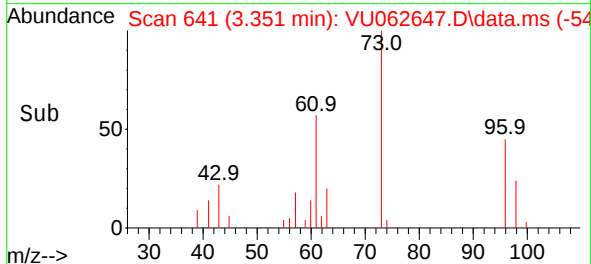
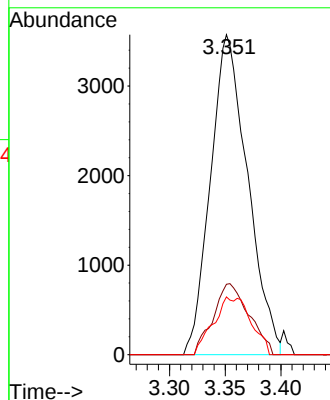
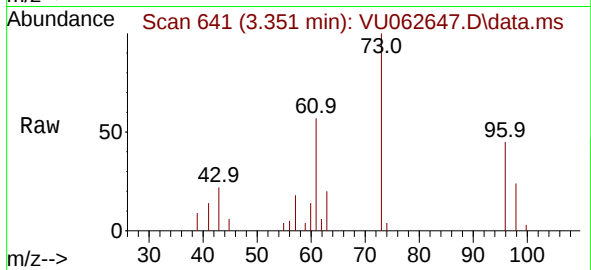




#17
Methyl tert-butyl Ether
Concen: 0.493 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU062647.D
Acq: 02 Jan 2025 10:06

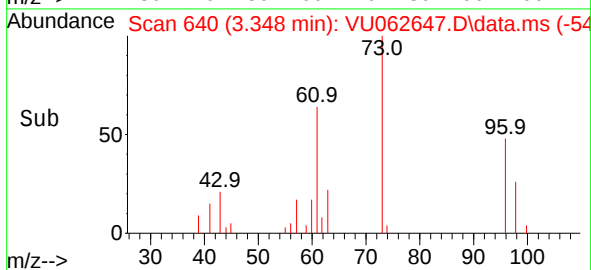
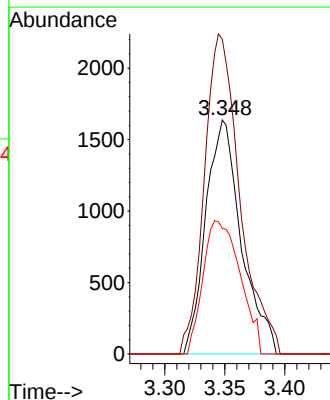
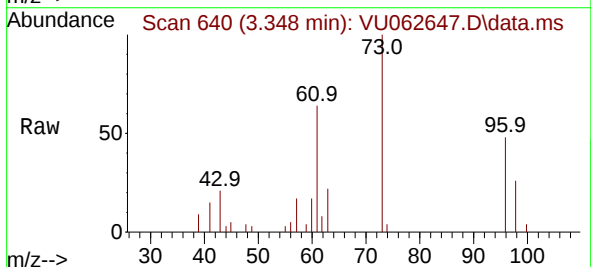
Instrument :
MSVOA_U
ClientSampleId :

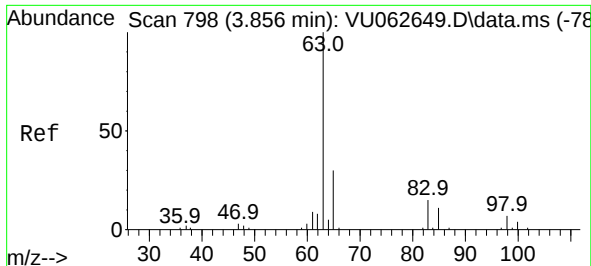
Tgt Ion: 73	Resp: 8296
Ion Ratio	Lower Upper
73 100	
43 21.4	16.2 24.4
57 18.2	14.6 22.0



#18
trans-1,2-Dichloroethene
Concen: 0.485 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.007 min
Lab File: VU062647.D
Acq: 02 Jan 2025 10:06

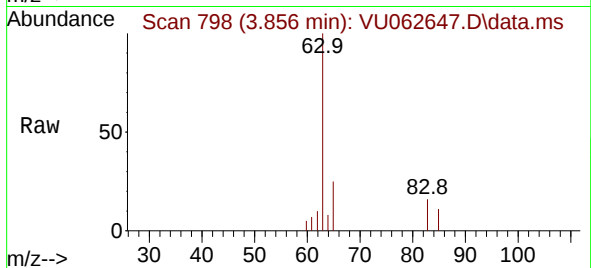
Tgt Ion: 96	Resp: 3373
Ion Ratio	Lower Upper
96 100	
61 134.5	94.4 175.2
98 53.7	42.8 79.4





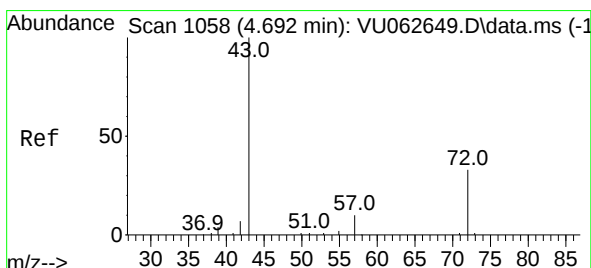
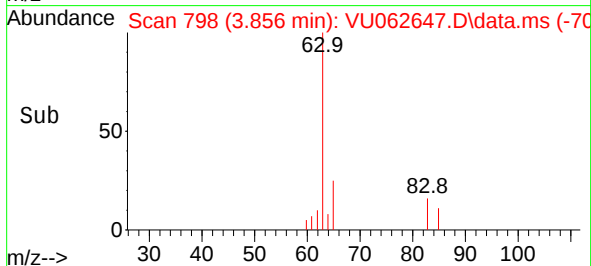
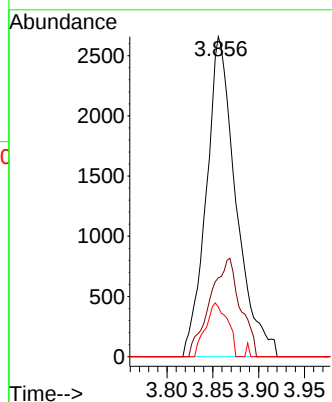
#19
1,1-Dichloroethane
Concen: 0.471 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.000 min
Lab File: VU062647.D
Acq: 02 Jan 2025 10:06

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 63 Resp: 5981

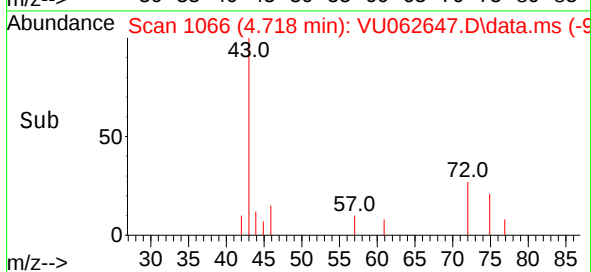
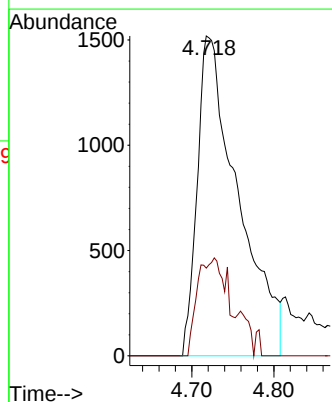
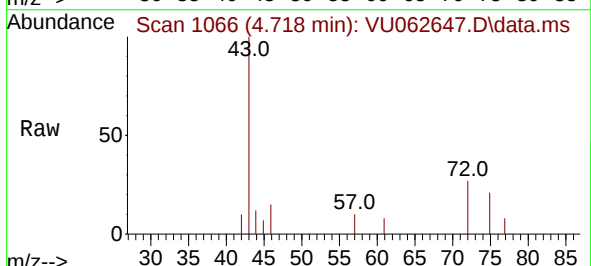
Ion	Ratio	Lower	Upper
63	100		
65	24.6	20.7	38.5
83	15.5	10.5	19.5

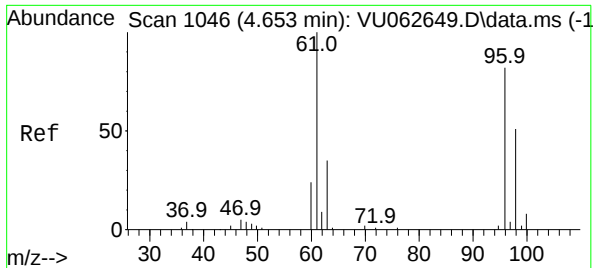


#21
2-Butanone
Concen: 4.194 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.026 min
Lab File: VU062647.D
Acq: 02 Jan 2025 10:06

Tgt Ion: 43 Resp: 5221

Ion	Ratio	Lower	Upper
43	100		
72	8.1	17.1	51.2#

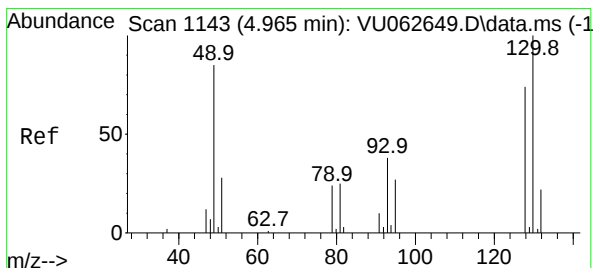
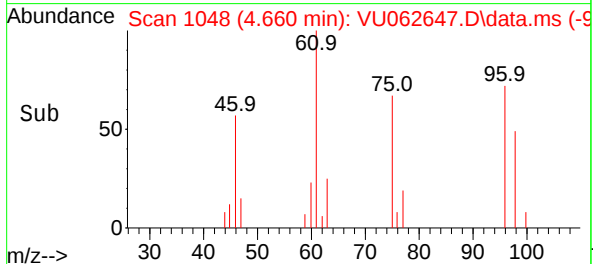
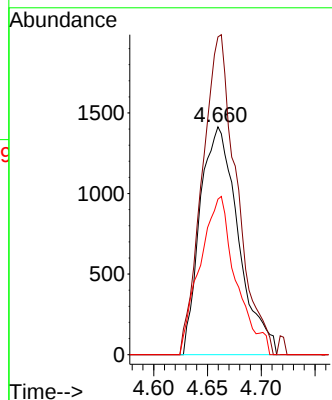
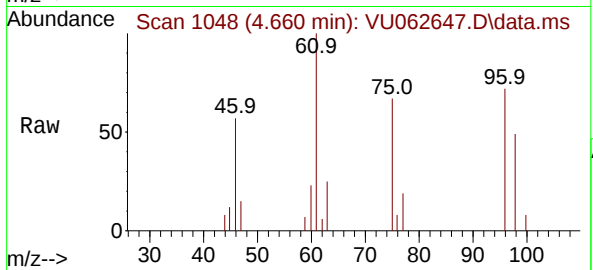




#22
 cis-1,2-Dichloroethene
 Concen: 0.450 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.007 min
 Lab File: VU062647.D
 Acq: 02 Jan 2025 10:06

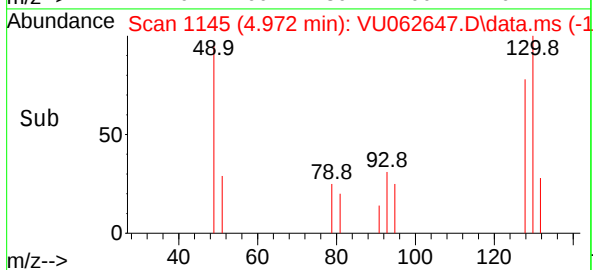
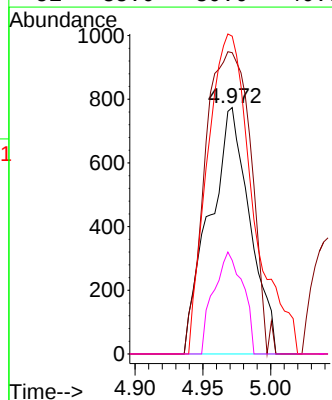
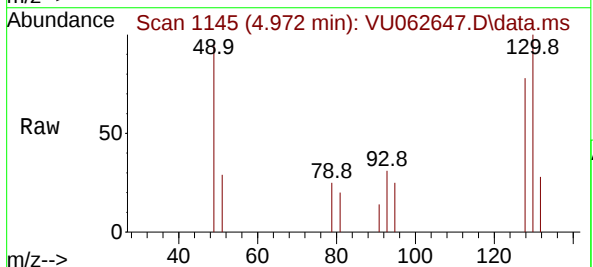
Instrument :
 MSVOA_U
 ClientSampleId :

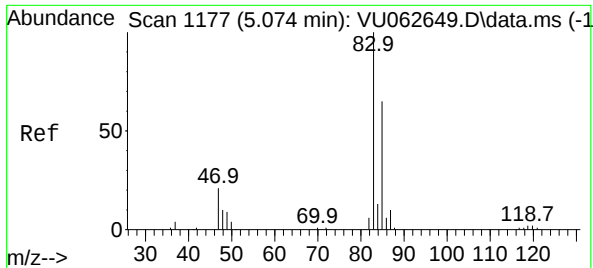
Tgt Ion: 96 Resp: 3491
 Ion Ratio Lower Upper
 96 100
 61 139.5 84.8 157.6
 98 68.2 43.1 80.1



#23
 Bromochloromethane
 Concen: 0.467 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.007 min
 Lab File: VU062647.D
 Acq: 02 Jan 2025 10:06

Tgt Ion: 128 Resp: 1600
 Ion Ratio Lower Upper
 128 100
 49 122.2 81.1 150.7
 130 128.9 94.9 176.3
 51 38.0 30.6 46.0





#25

Chloroform

Concen: 0.529 ug/L

RT: 5.078 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VU062647.D

Acq: 02 Jan 2025 10:06

Instrument :

MSVOA_U

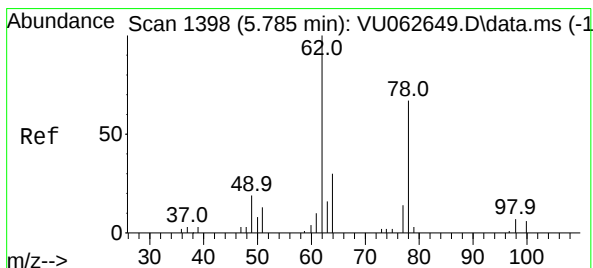
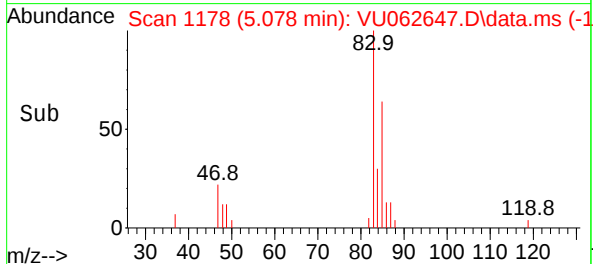
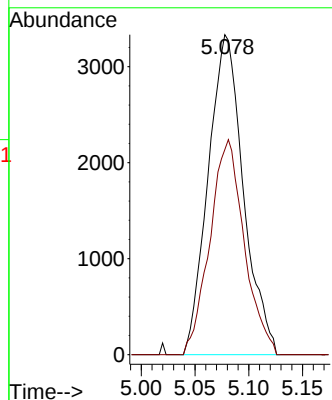
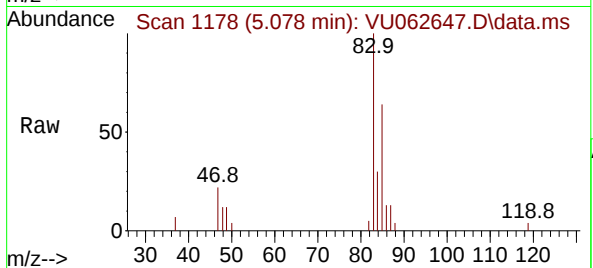
ClientSampleId :

Tgt Ion: 83 Resp: 7596

Ion Ratio Lower Upper

83 100

85 64.1 45.8 85.2



#27

1,2-Dichloroethane

Concen: 0.523 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU062647.D

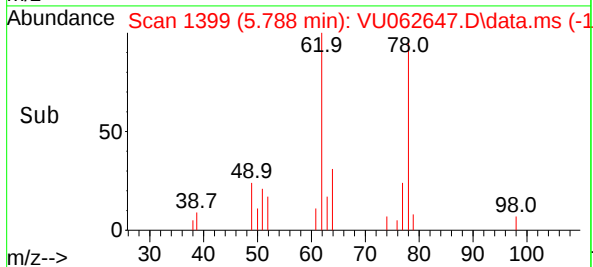
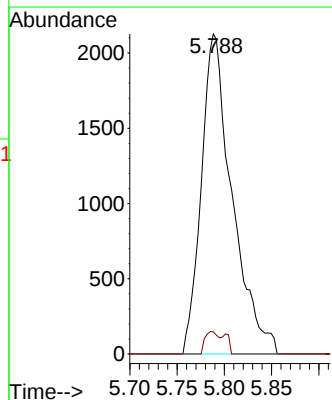
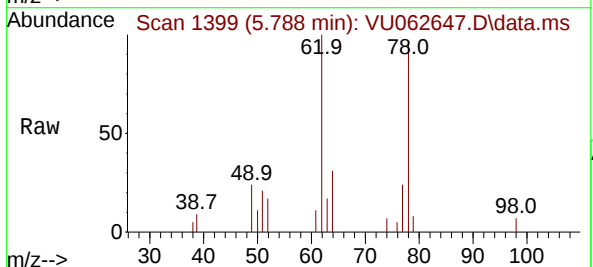
Acq: 02 Jan 2025 10:06

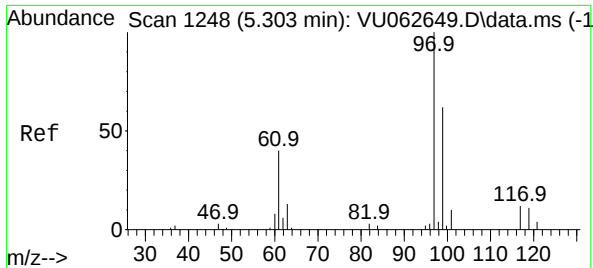
Tgt Ion: 62 Resp: 4820

Ion Ratio Lower Upper

62 100

98 6.9 5.8 8.6

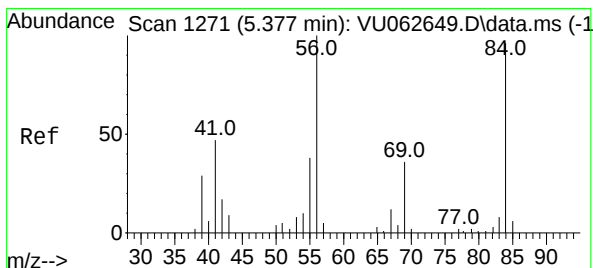
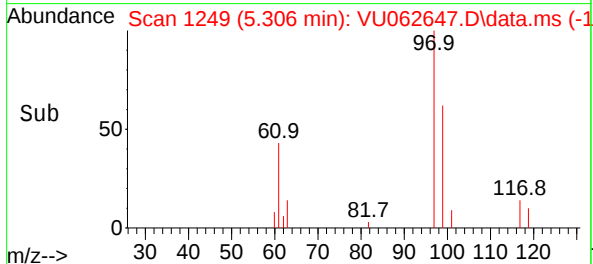
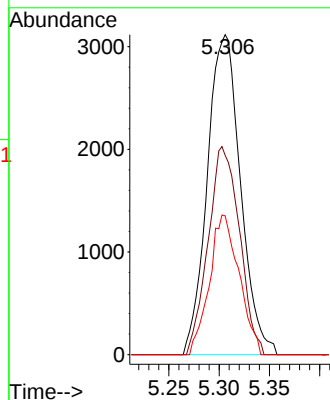
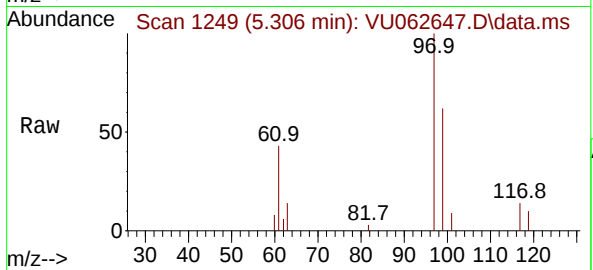




#29
1,1,1-Trichloroethane
Concen: 0.542 ug/L
RT: 5.306 min Scan# 1248
Delta R.T. 0.003 min
Lab File: VU062647.D
Acq: 02 Jan 2025 10:06

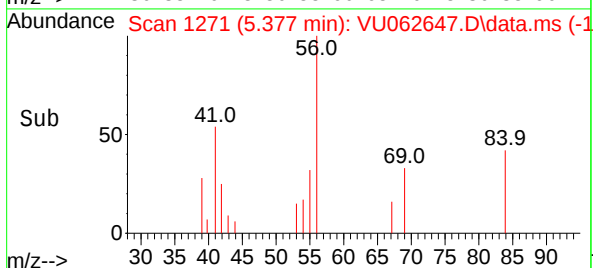
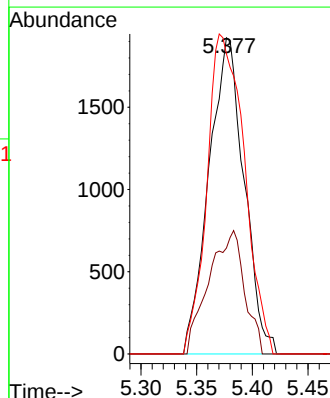
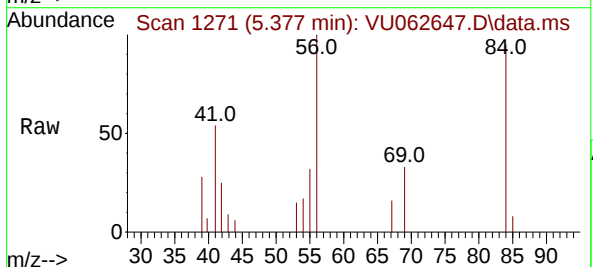
Instrument :
MSVOA_U
ClientSampleId :

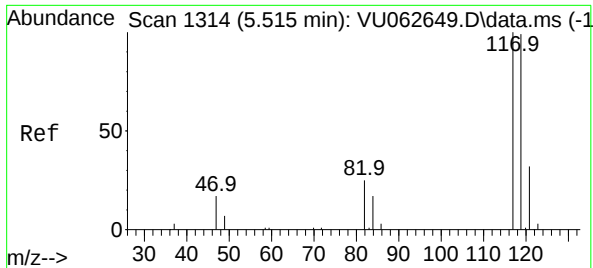
Tgt Ion:	97	Resp:	7165
Ion	Ratio	Lower	Upper
97	100		
99	61.4	52.4	78.6
61	39.0	32.2	48.4



#30
Cyclohexane
Concen: 0.404 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU062647.D
Acq: 02 Jan 2025 10:06

Tgt Ion:	56	Resp:	4220
Ion	Ratio	Lower	Upper
56	100		
69	39.7	28.3	42.5
84	107.5	76.5	114.7

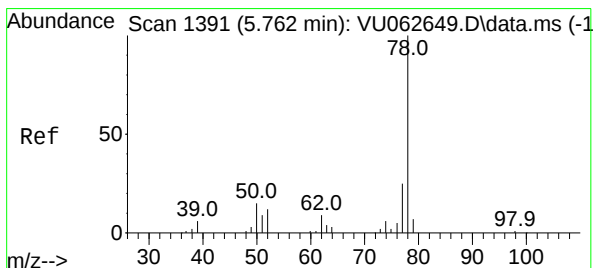
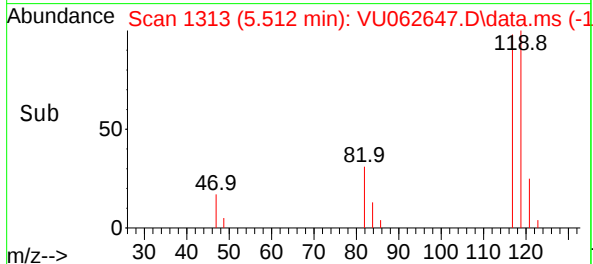
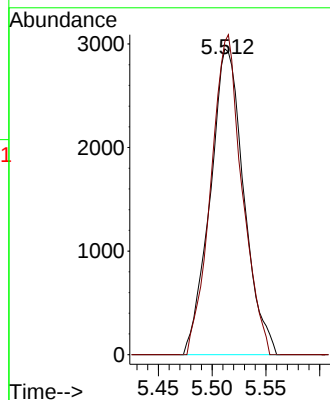
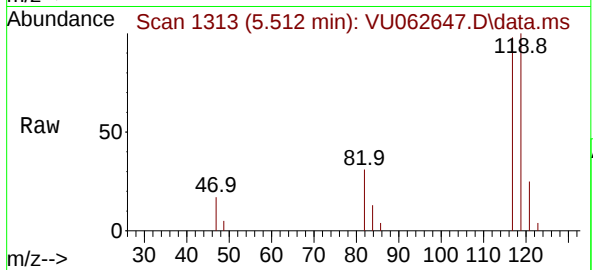




#31
Carbon tetrachloride
Concen: 0.528 ug/L
RT: 5.512 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU062647.D
Acq: 02 Jan 2025 10:06

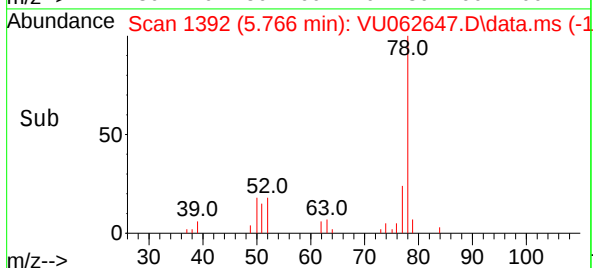
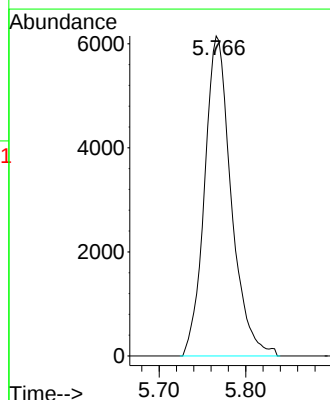
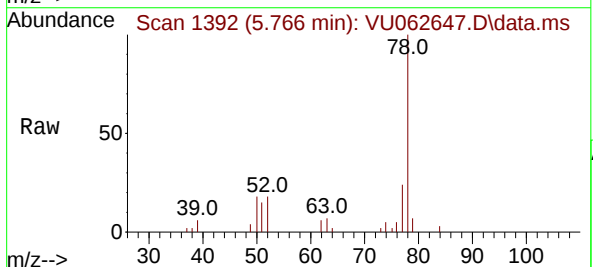
Instrument :
MSVOA_U
ClientSampleId :

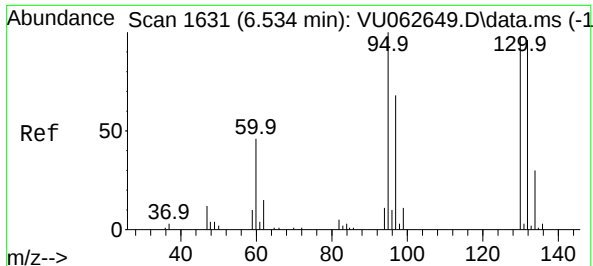
Tgt Ion:117 Resp: 6422
Ion Ratio Lower Upper
117 100
119 97.1 78.6 118.0



#33
Benzene
Concen: 0.460 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU062647.D
Acq: 02 Jan 2025 10:06

Tgt Ion: 78 Resp: 13156





#34

Trichloroethene

Concen: 0.680 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU062647.D

Acq: 02 Jan 2025 10:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 5637

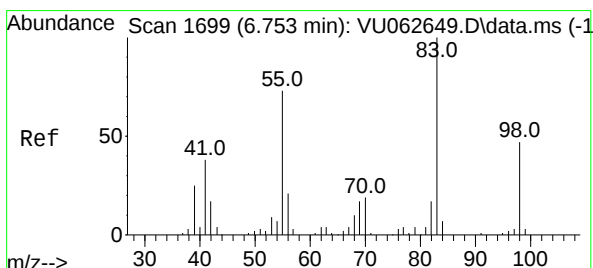
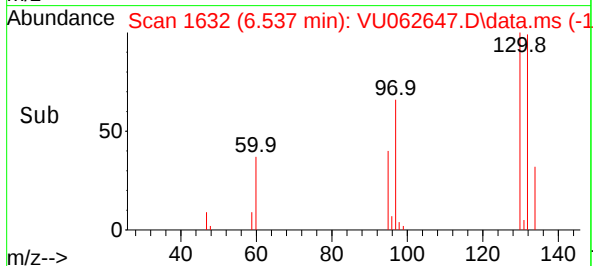
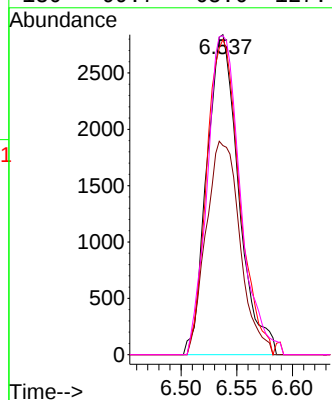
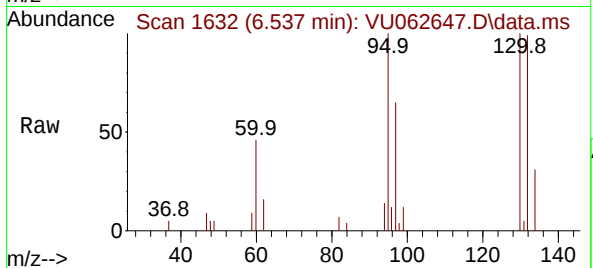
Ion Ratio Lower Upper

95 100

97 65.4 47.5 88.3

132 98.5 66.9 124.3

130 99.7 68.6 127.4



#35

Methylcyclohexane

Concen: 0.476 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU062647.D

Acq: 02 Jan 2025 10:06

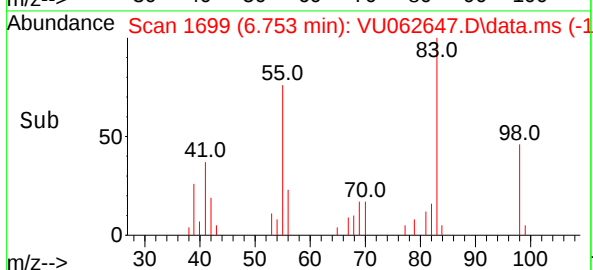
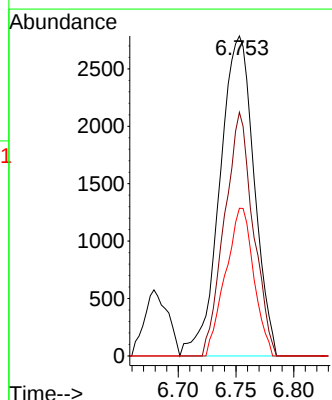
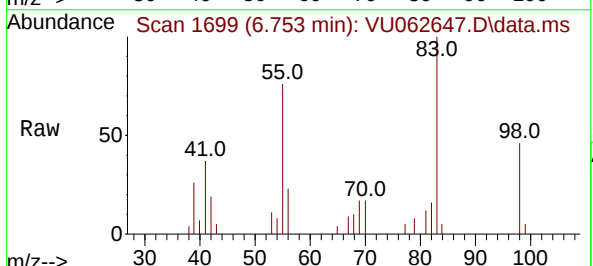
Tgt Ion: 83 Resp: 5737

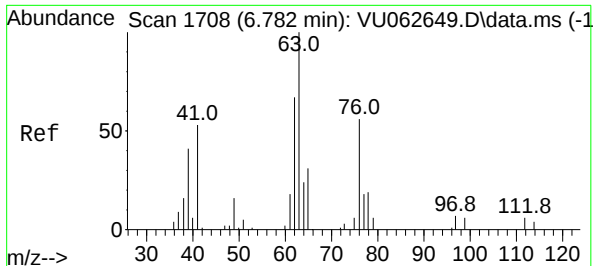
Ion Ratio Lower Upper

83 100

55 64.0 57.2 85.8

98 38.1 36.6 55.0

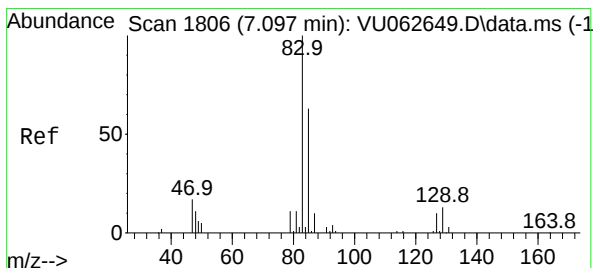
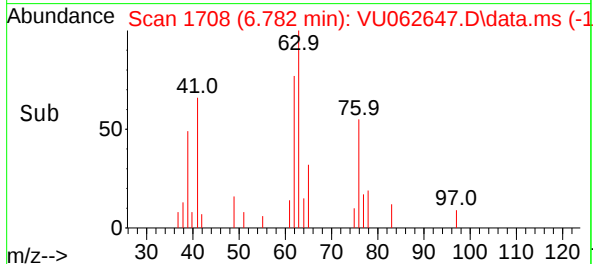
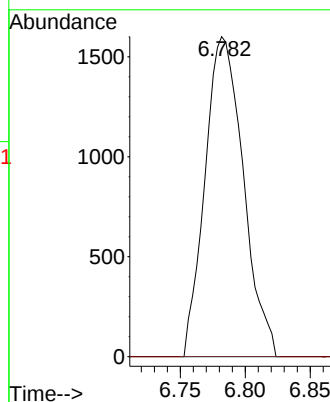
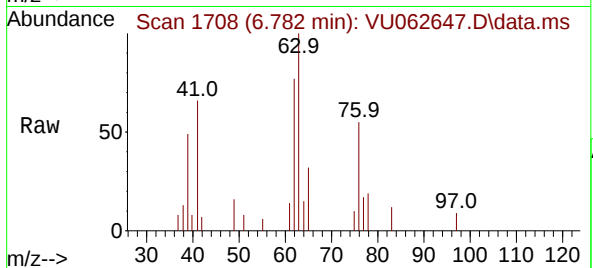




#37
1,2-Dichloropropane
Concen: 0.478 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU062647.D
Acq: 02 Jan 2025 10:06

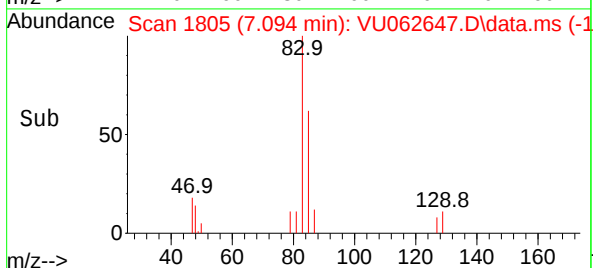
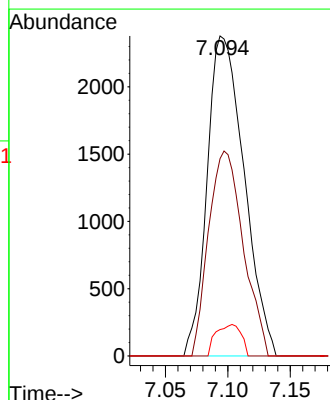
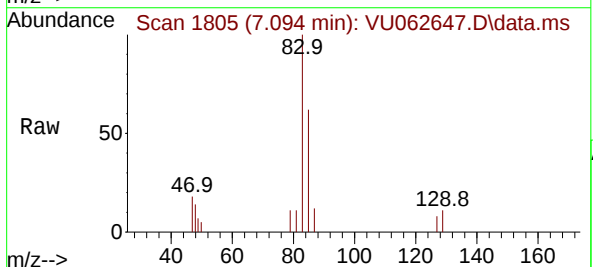
Instrument :
MSVOA_U
ClientSampleId :

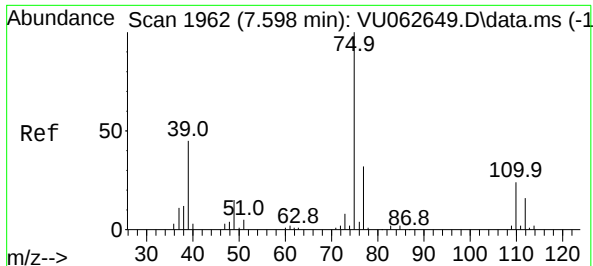
Tgt Ion: 63 Resp: 3287
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#38
Bromodichloromethane
Concen: 0.492 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU062647.D
Acq: 02 Jan 2025 10:06

Tgt Ion: 83 Resp: 4907
Ion Ratio Lower Upper
83 100
85 61.6 44.2 82.0
127 8.3 7.8 11.8

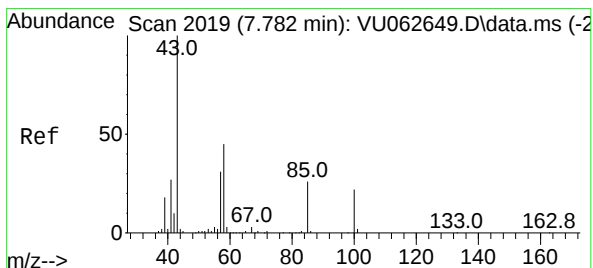
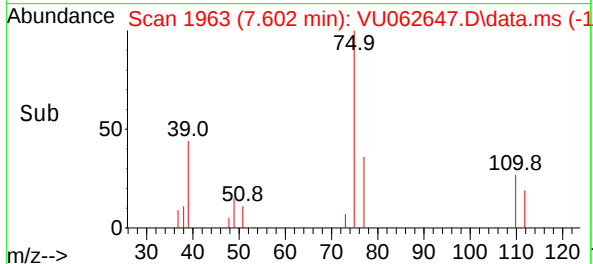
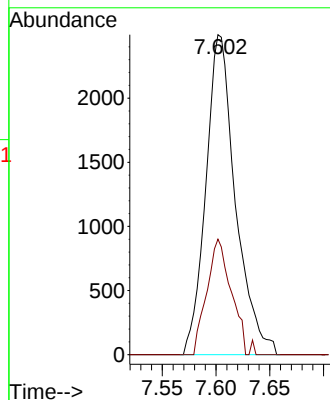
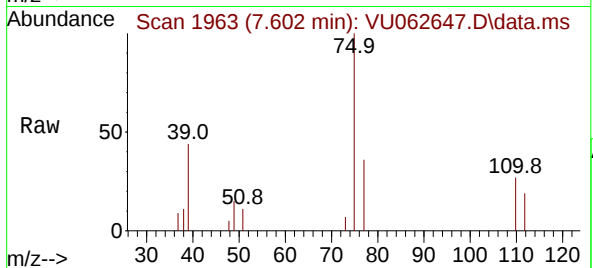




#39
 cis-1,3-Dichloropropene
 Concen: 0.426 ug/L
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU062647.D
 Acq: 02 Jan 2025 10:06

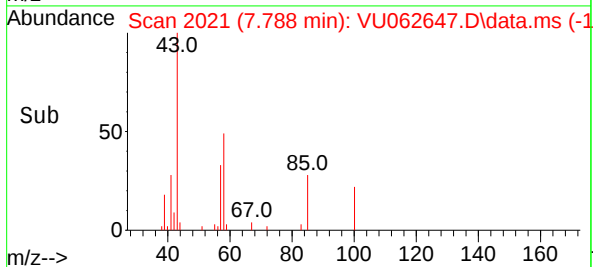
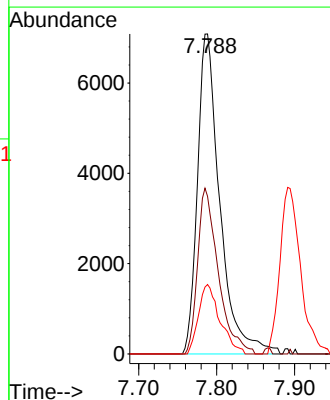
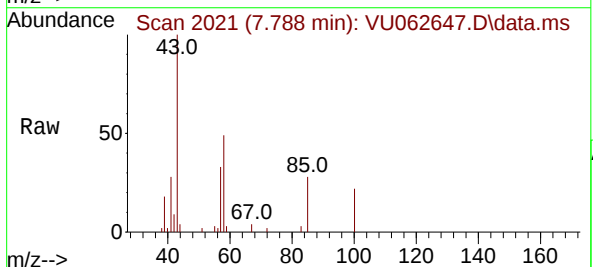
Instrument :
 MSVOA_U
 ClientSampleId :

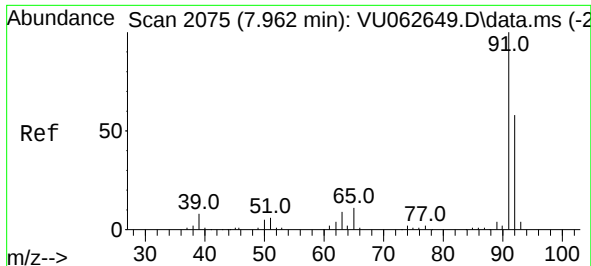
Tgt Ion: 75 Resp: 4783
 Ion Ratio Lower Upper
 75 100
 77 36.1 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 4.397 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.007 min
 Lab File: VU062647.D
 Acq: 02 Jan 2025 10:06

Tgt Ion: 43 Resp: 14136
 Ion Ratio Lower Upper
 43 100
 58 47.8 35.8 53.8
 100 20.8 16.8 25.2





#42

Toluene

Concen: 0.444 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU062647.D

Acq: 02 Jan 2025 10:06

Instrument :

MSVOA_U

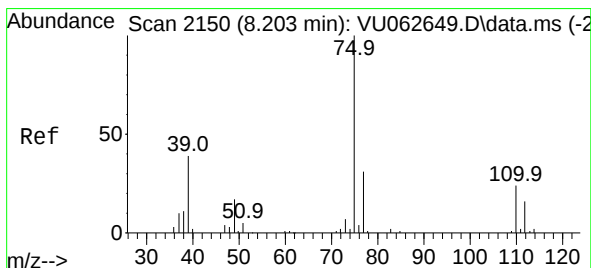
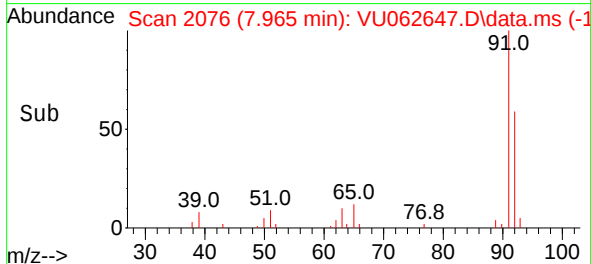
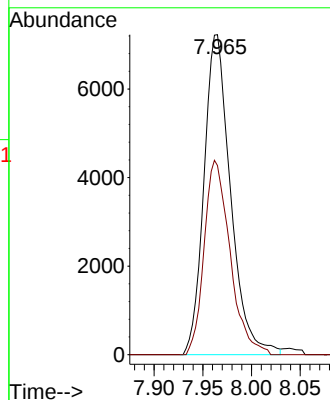
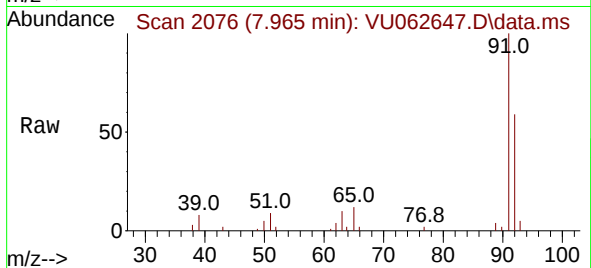
ClientSampleId :

Tgt Ion: 91 Resp: 13741

Ion Ratio Lower Upper

91 100

92 59.1 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 0.447 ug/L

RT: 8.213 min Scan# 2153

Delta R.T. 0.010 min

Lab File: VU062647.D

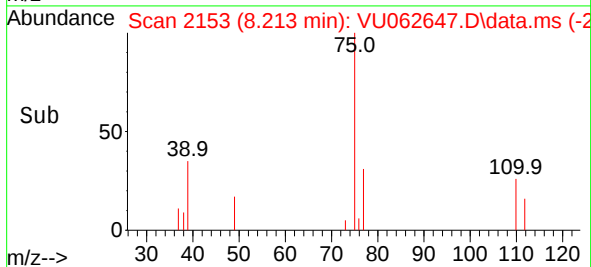
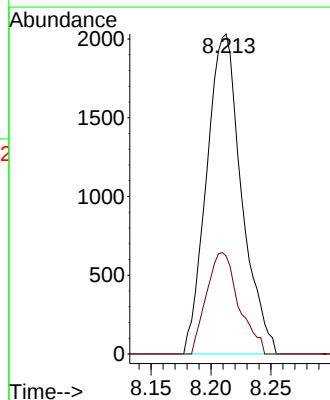
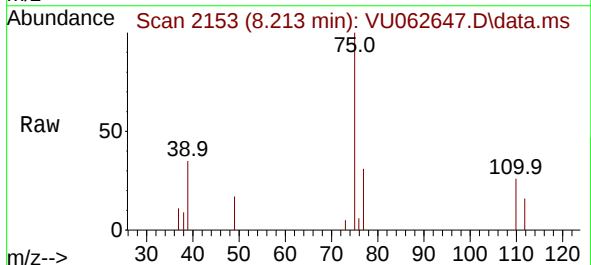
Acq: 02 Jan 2025 10:06

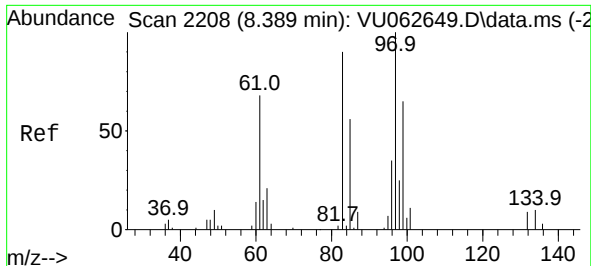
Tgt Ion: 75 Resp: 4119

Ion Ratio Lower Upper

75 100

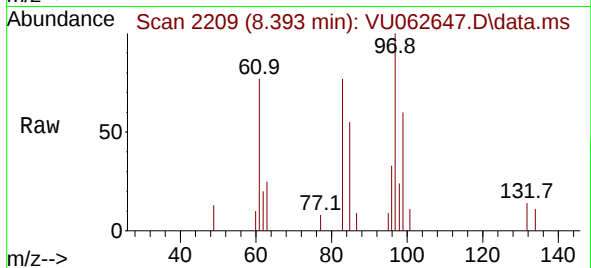
77 30.6 21.8 40.6



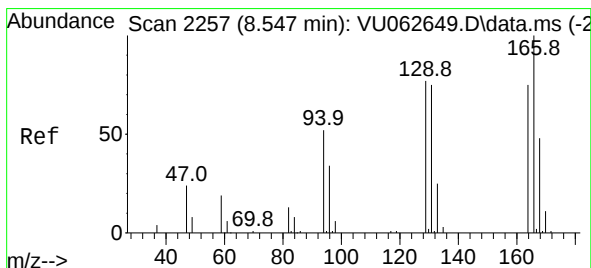
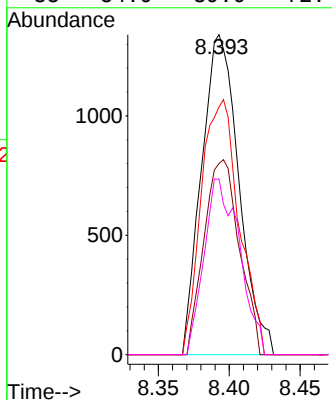
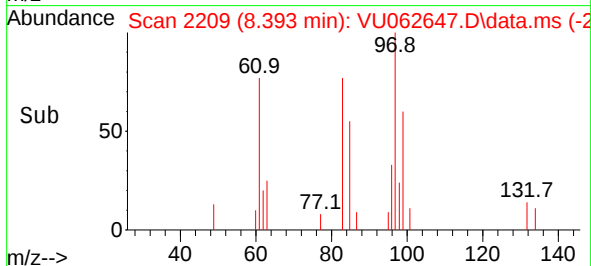


#45
1,1,2-Trichloroethane
Concen: 0.470 ug/L
RT: 8.393 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062647.D
Acq: 02 Jan 2025 10:06

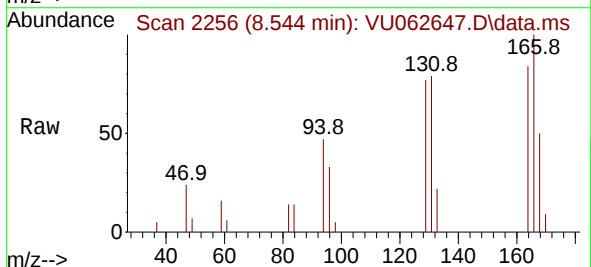
Instrument :
MSVOA_U
ClientSampleId :



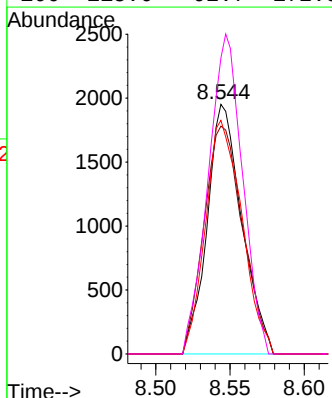
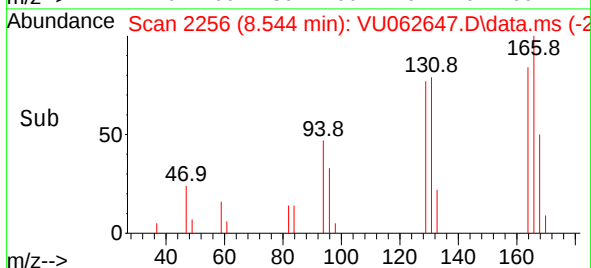
Tgt Ion:	97	Resp:	2459
Ion	Ratio	Lower	Upper
97	100		
99	59.8	45.6	84.6
83	77.4	63.0	117.0
85	54.9	39.0	72.4

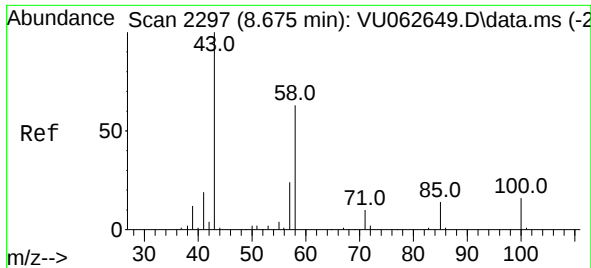


#47
Tetrachloroethene
Concen: 0.502 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU062647.D
Acq: 02 Jan 2025 10:06



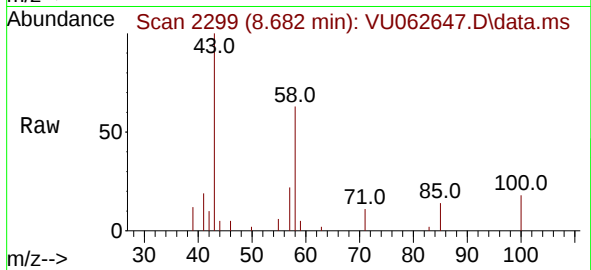
Tgt Ion:	164	Resp:	3176
Ion	Ratio	Lower	Upper
164	100		
129	91.3	71.0	131.9
131	93.5	69.4	129.0
166	118.6	92.7	172.3



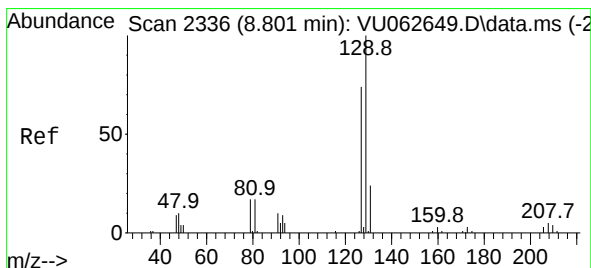
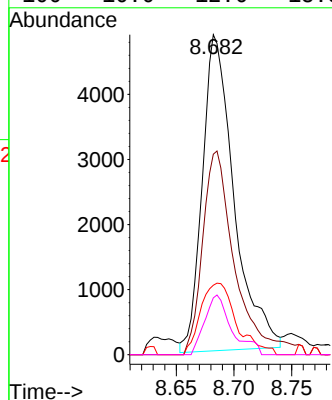
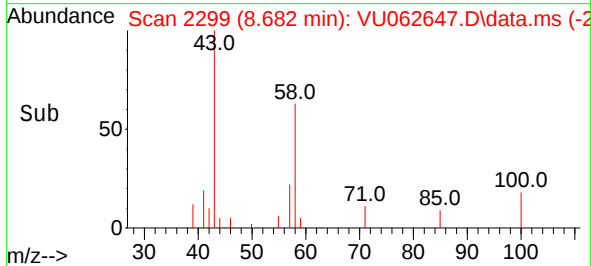


#48
2-Hexanone
Concen: 3.934 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.007 min
Lab File: VU062647.D
Acq: 02 Jan 2025 10:06

Instrument :
MSVOA_U
ClientSampleId :

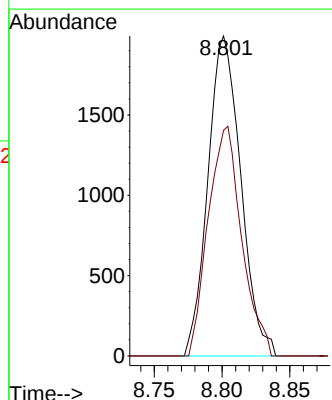
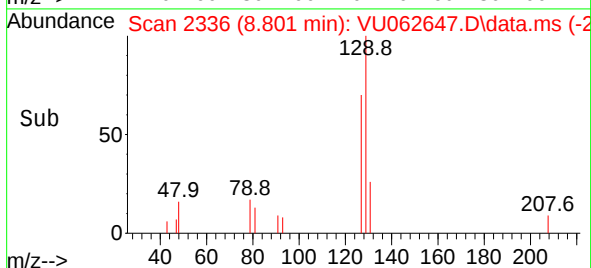
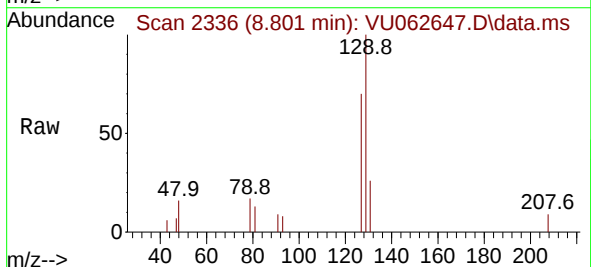


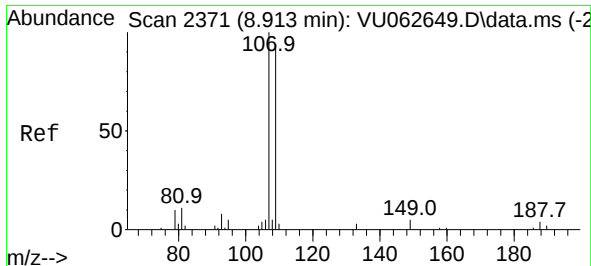
Tgt	Ion: 43	Resp:	9265
Ion	Ratio	Lower	Upper
43	100		
58	65.8	50.2	75.4
57	25.6	19.9	29.9
100	16.0	12.6	18.8



#49
Dibromochloromethane
Concen: 0.519 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU062647.D
Acq: 02 Jan 2025 10:06

Tgt Ion:129	Resp:	3364	
Ion	Ratio	Lower	Upper
129	100		
127	70.5	52.1	96.9





#50

1,2-Dibromoethane

Concen: 0.428 ug/L

RT: 8.923 min Scan# 2371

Delta R.T. 0.010 min

Lab File: VU062647.D

Acq: 02 Jan 2025 10:06

Instrument :

MSVOA_U

ClientSampleId :

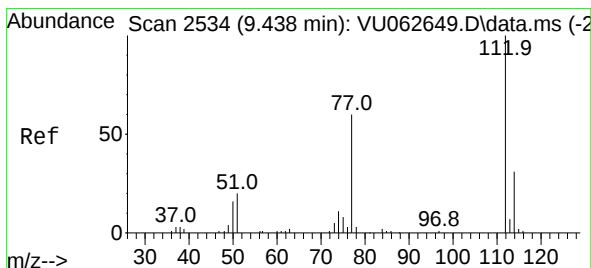
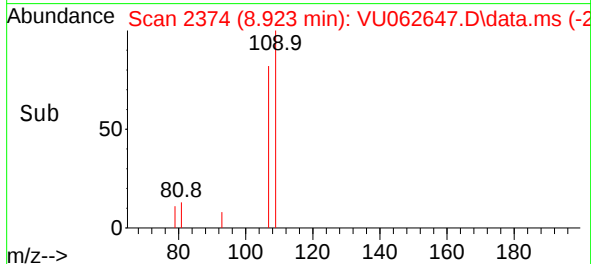
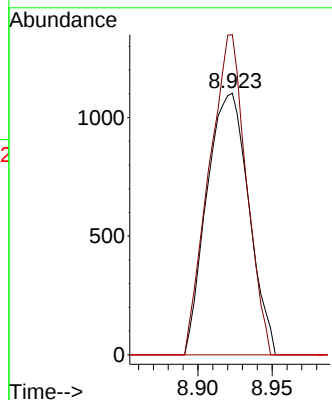
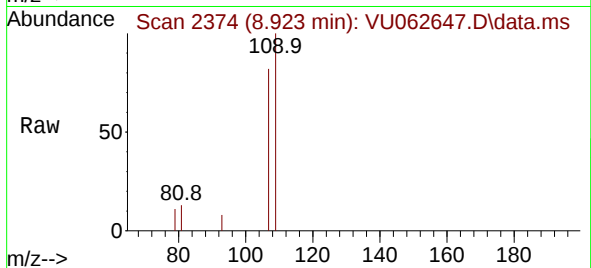
Tgt Ion:107 Resp: 2167

Ion Ratio Lower Upper

107 100

109 122.4 65.7 121.9#

188 0.0 3.4 5.2#



#51

Chlorobenzene

Concen: 0.473 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU062647.D

Acq: 02 Jan 2025 10:06

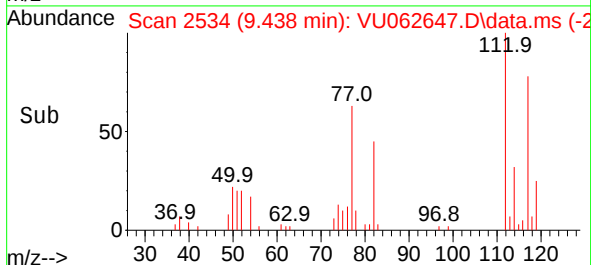
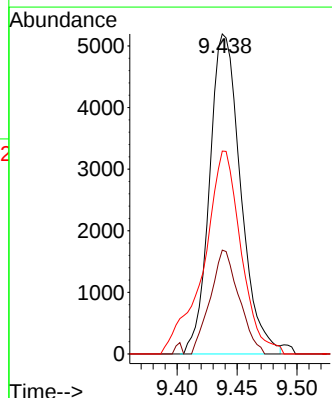
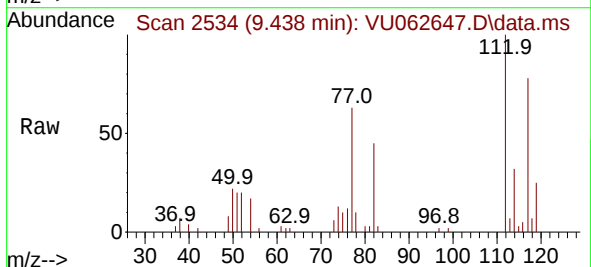
Tgt Ion:112 Resp: 9388

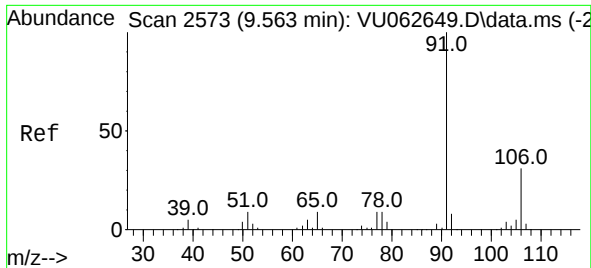
Ion Ratio Lower Upper

112 100

114 32.4 21.7 40.3

77 63.4 48.6 73.0

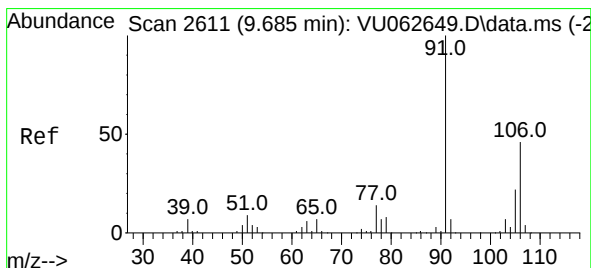
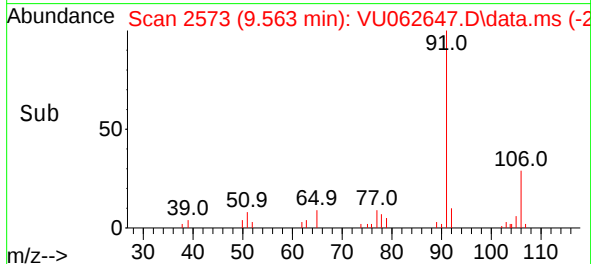
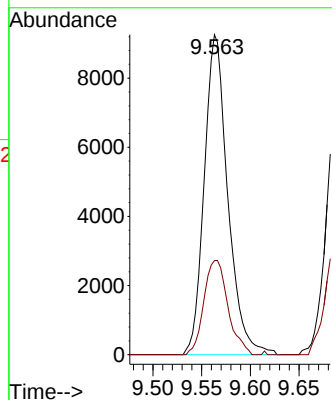
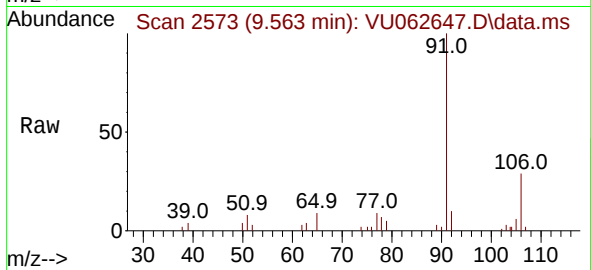




#52
Ethylbenzene
Concen: 0.450 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU062647.D
Acq: 02 Jan 2025 10:06

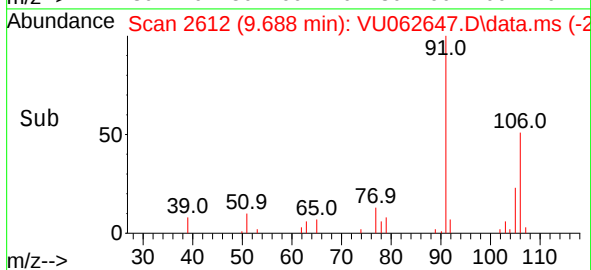
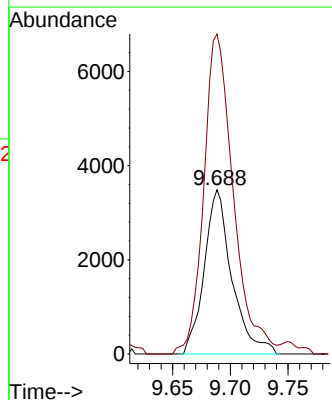
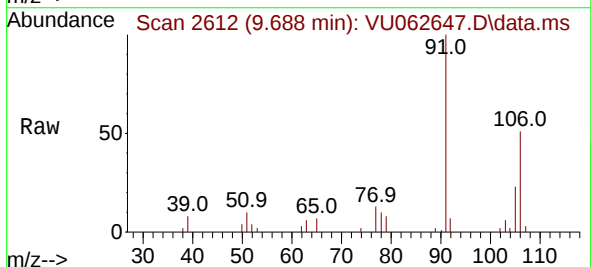
Instrument :
MSVOA_U
ClientSampleId :

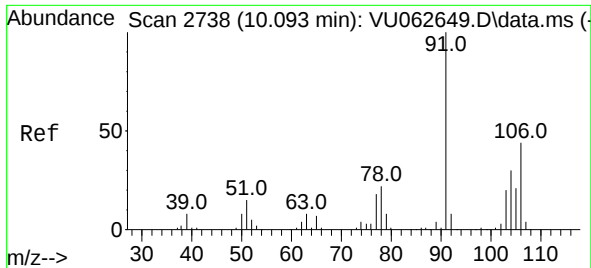
Tgt Ion: 91 Resp: 15568
Ion Ratio Lower Upper
91 100
106 29.4 21.9 40.7



#53
m,p-Xylene
Concen: 0.453 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU062647.D
Acq: 02 Jan 2025 10:06

Tgt Ion:106 Resp: 5799
Ion Ratio Lower Upper
106 100
91 195.0 153.1 284.3

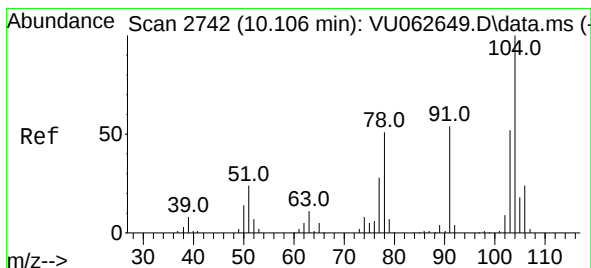
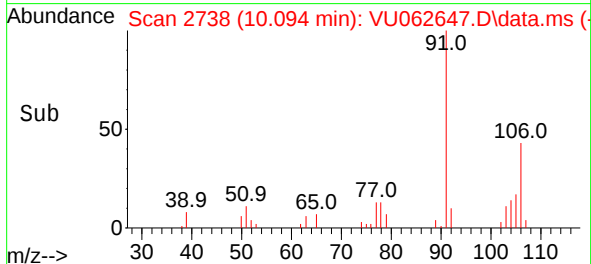
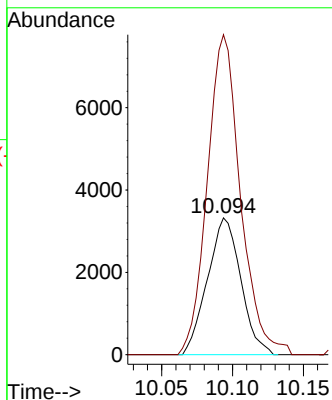
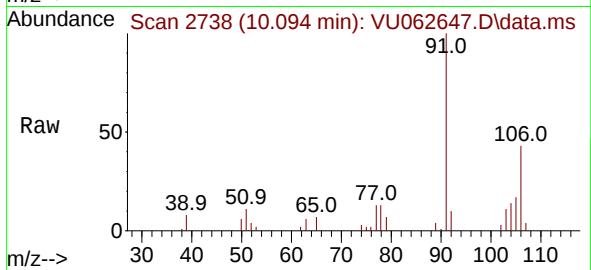




#54
o-Xylene
Concen: 0.437 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU062647.D
Acq: 02 Jan 2025 10:06

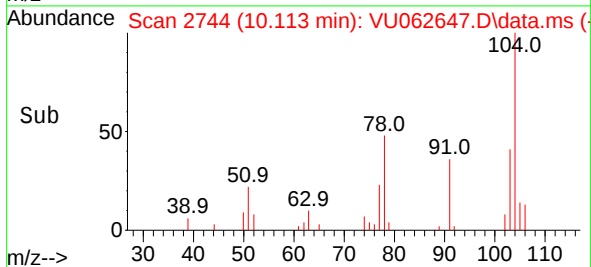
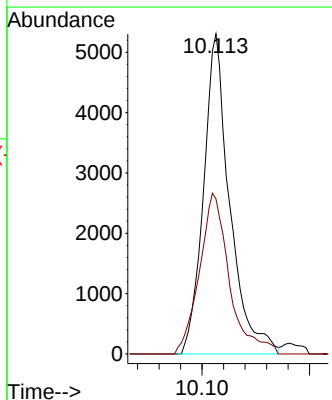
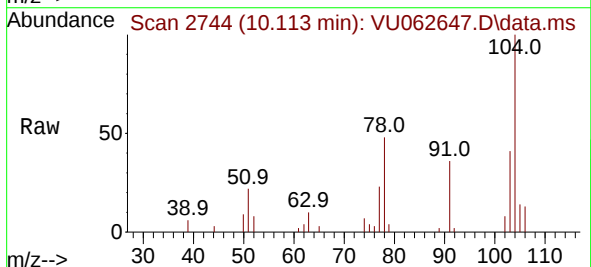
Instrument :
MSVOA_U
ClientSampleId :

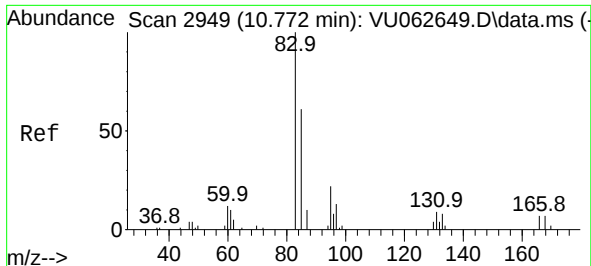
Tgt Ion:106 Resp: 5437
Ion Ratio Lower Upper
106 100
91 233.8 160.4 297.8



#55
Styrene
Concen: 0.435 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.007 min
Lab File: VU062647.D
Acq: 02 Jan 2025 10:06

Tgt Ion:104 Resp: 8972
Ion Ratio Lower Upper
104 100
78 48.5 35.5 65.9





#57

1,1,2,2-Tetrachloroethane

Concen: 0.485 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU062647.D

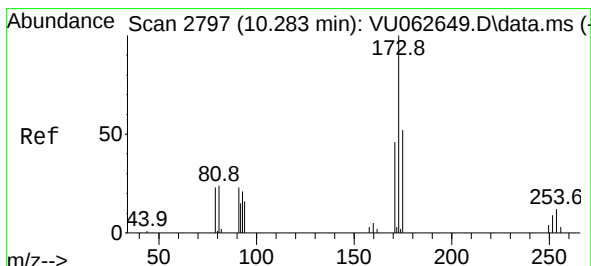
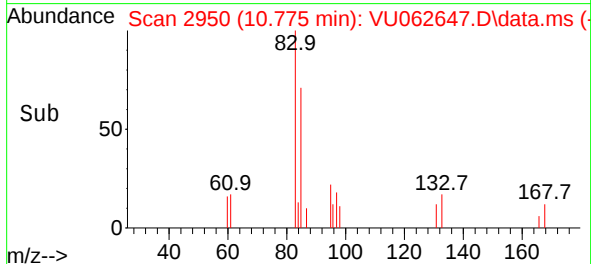
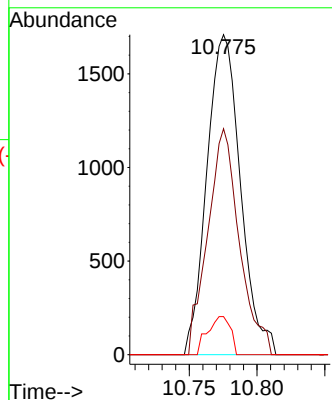
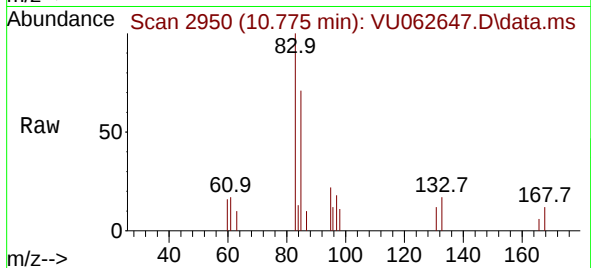
Acq: 02 Jan 2025 10:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	2944
Ion Ratio	Lower	Upper	
83	100		
85	70.6	43.0	79.8
131	11.9	7.4	11.0#



#59

Bromoform

Concen: 0.526 ug/L

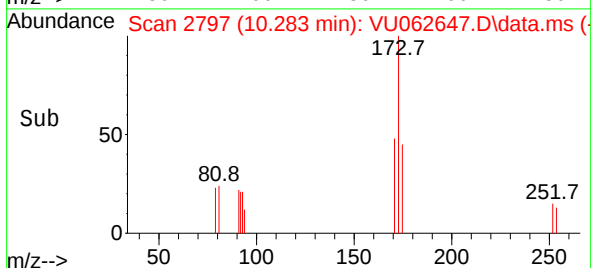
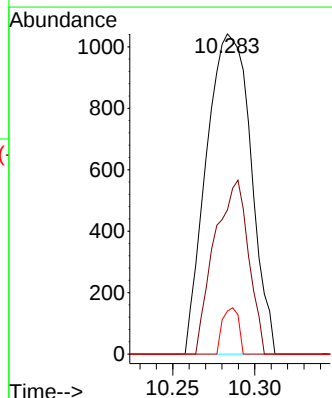
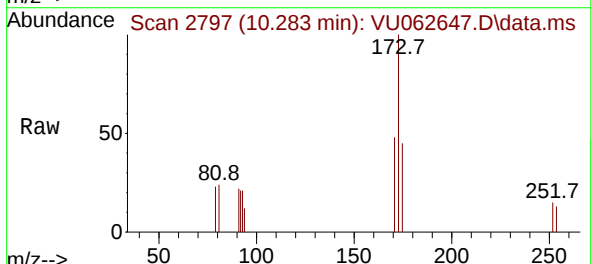
RT: 10.283 min Scan# 2797

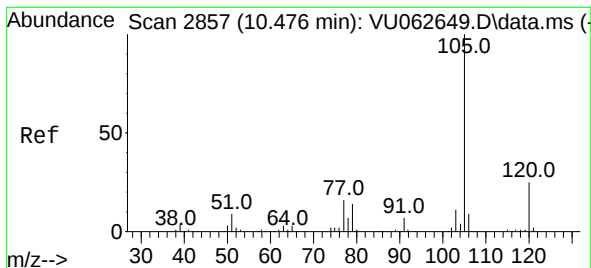
Delta R.T. 0.000 min

Lab File: VU062647.D

Acq: 02 Jan 2025 10:06

Tgt Ion:	173	Resp:	1963
Ion Ratio	Lower	Upper	
173	100		
175	41.5	39.8	59.8
254	5.2	8.6	12.8#





#60

Isopropylbenzene

Concen: 0.447 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU062647.D

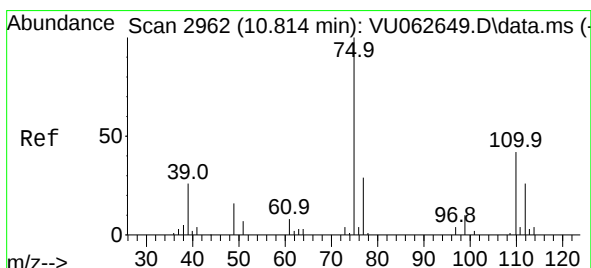
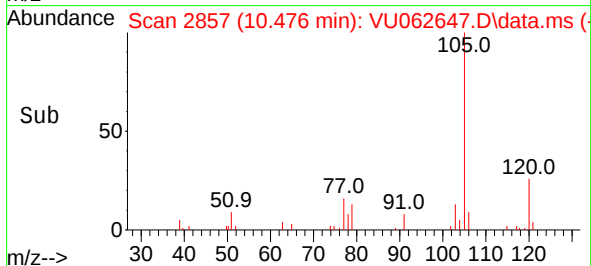
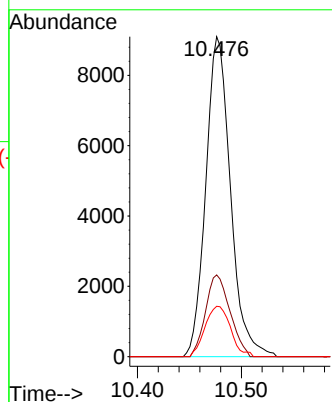
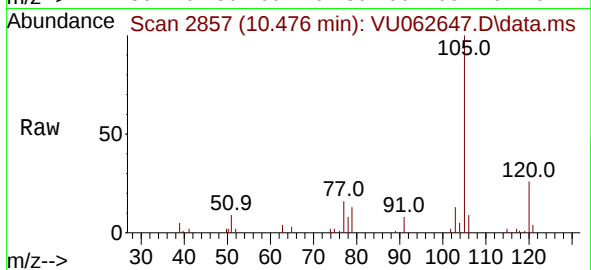
Acq: 02 Jan 2025 10:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	15024
Ion Ratio	Lower	Upper	
105	100		
120	25.2	20.2	30.2
77	16.3	13.0	19.4



#61

1,2,3-Trichloropropane

Concen: 0.507 ug/L

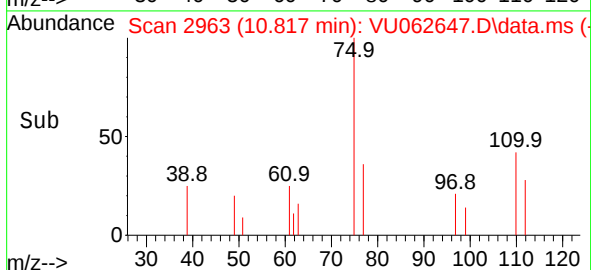
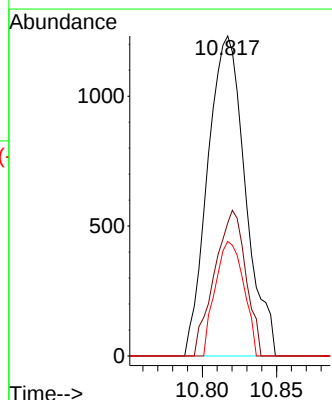
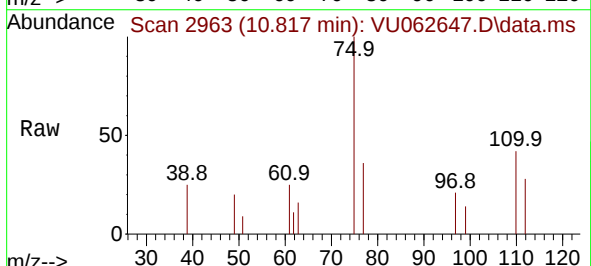
RT: 10.817 min Scan# 2963

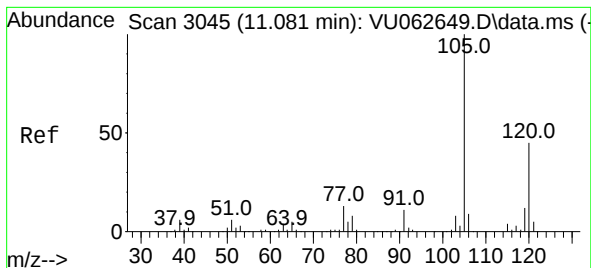
Delta R.T. 0.003 min

Lab File: VU062647.D

Acq: 02 Jan 2025 10:06

Tgt Ion:	75	Resp:	2170
Ion Ratio	Lower	Upper	
75	100		
110	37.7	33.2	49.8
77	26.9	25.9	38.9





#62

1,3,5-Trimethylbenzene

Concen: 0.429 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU062647.D

Acq: 02 Jan 2025 10:06

Instrument :

MSVOA_U

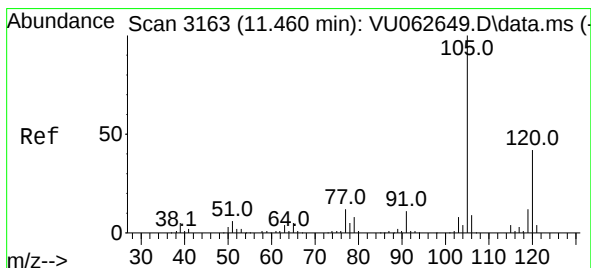
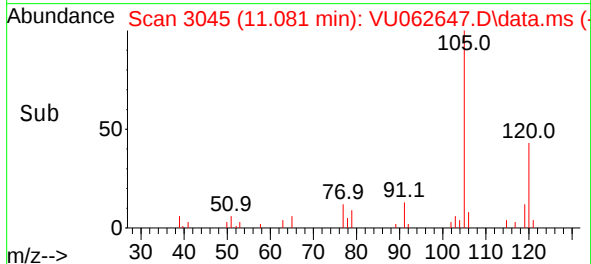
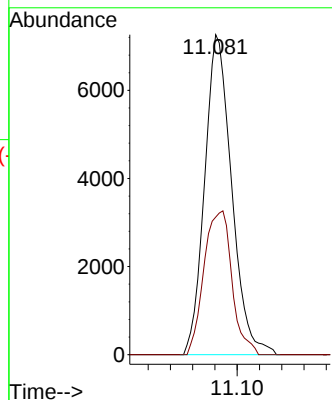
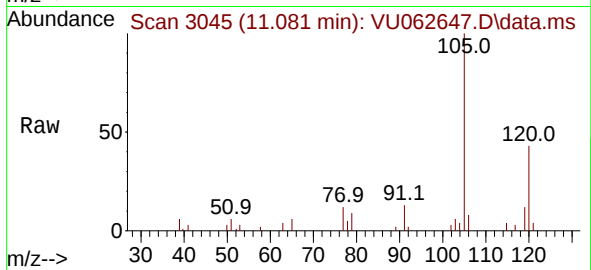
ClientSampleId :

Tgt Ion:105 Resp: 12212

Ion Ratio Lower Upper

105 100

120 46.4 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 0.424 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU062647.D

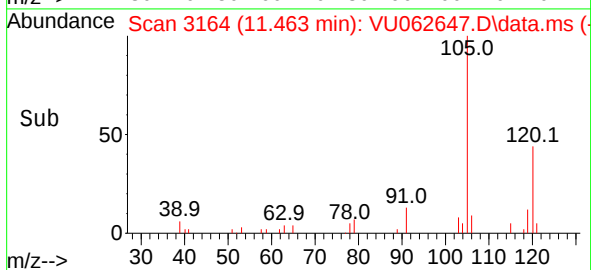
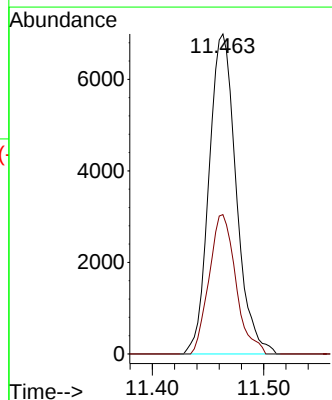
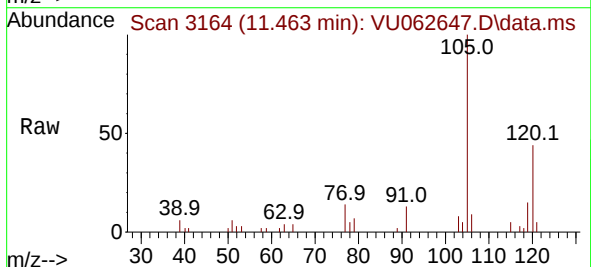
Acq: 02 Jan 2025 10:06

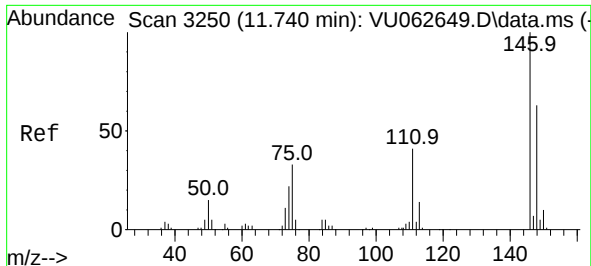
Tgt Ion:105 Resp: 11837

Ion Ratio Lower Upper

105 100

120 42.8 34.2 51.2





#64

1,3-Dichlorobenzene

Concen: 0.479 ug/L

RT: 11.743 min Scan# 3250

Delta R.T. 0.003 min

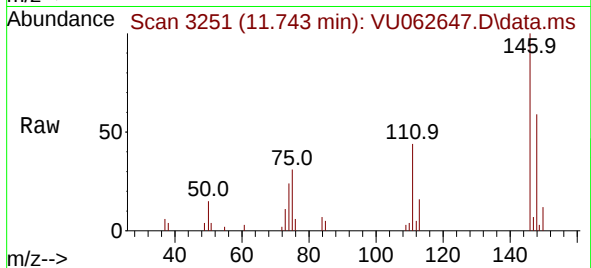
Lab File: VU062647.D

Acq: 02 Jan 2025 10:06

Instrument :

MSVOA_U

ClientSampleId :



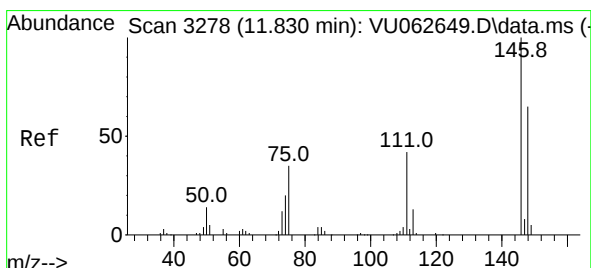
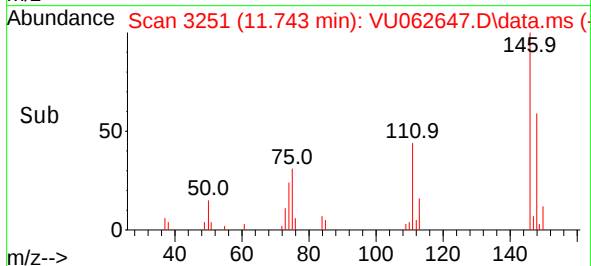
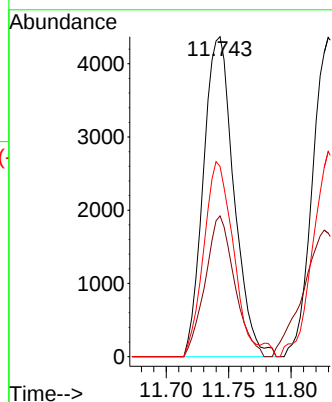
Tgt Ion:146 Resp: 7436

Ion Ratio Lower Upper

146 100

111 44.0 28.6 53.0

148 62.6 44.0 81.6



#65

1,4-Dichlorobenzene

Concen: 0.481 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU062647.D

Acq: 02 Jan 2025 10:06

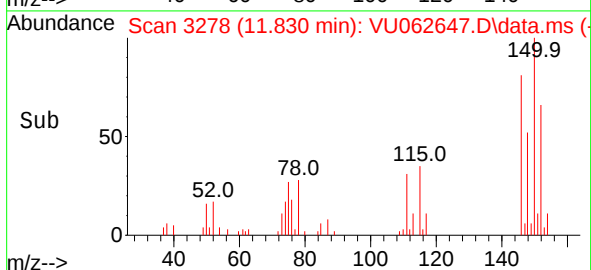
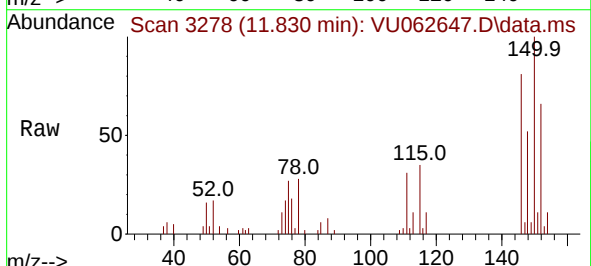
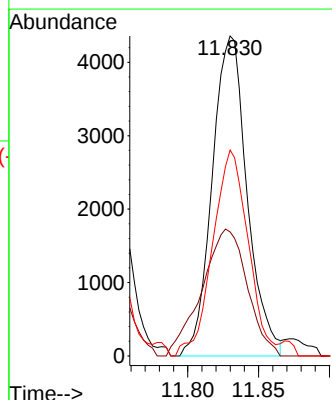
Tgt Ion:146 Resp: 7482

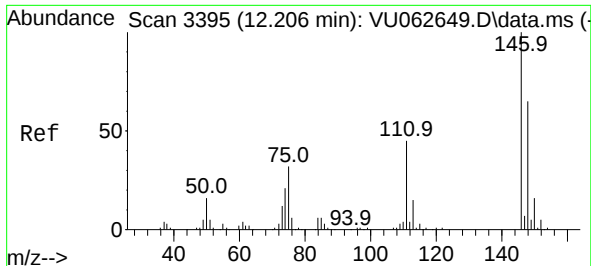
Ion Ratio Lower Upper

146 100

111 38.7 29.5 54.9

148 64.3 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 0.491 ug/L

RT: 12.209 min Scan# 3411

Delta R.T. 0.003 min

Lab File: VU062647.D

Acq: 02 Jan 2025 10:06

Instrument :

MSVOA_U

ClientSampleId :

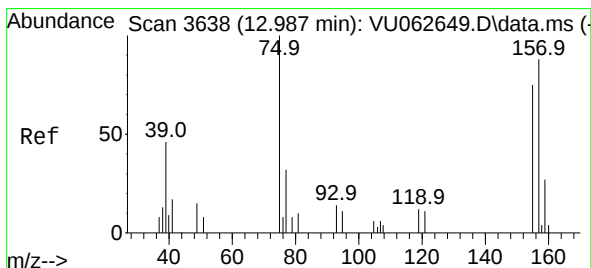
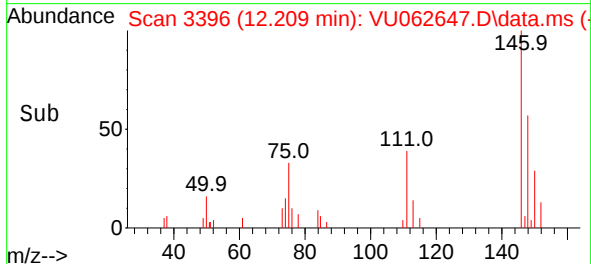
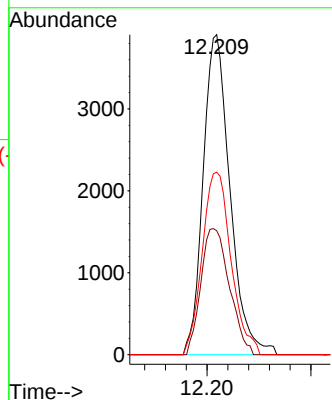
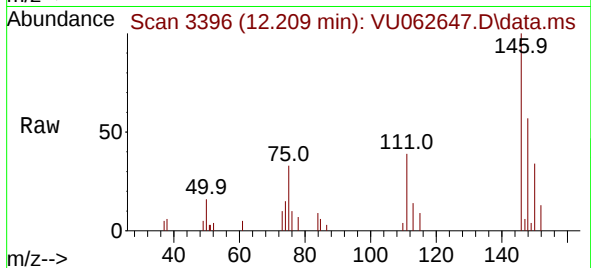
Tgt Ion:146 Resp: 7025

Ion Ratio Lower Upper

146 100

111 38.8 36.3 54.5

148 57.1 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 0.533 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.010 min

Lab File: VU062647.D

Acq: 02 Jan 2025 10:06

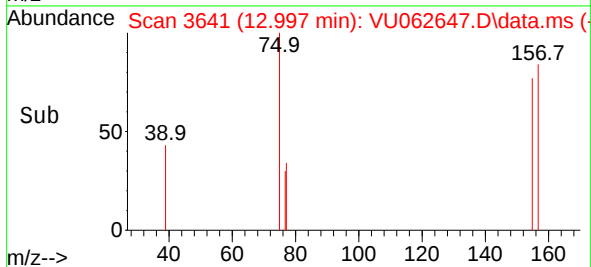
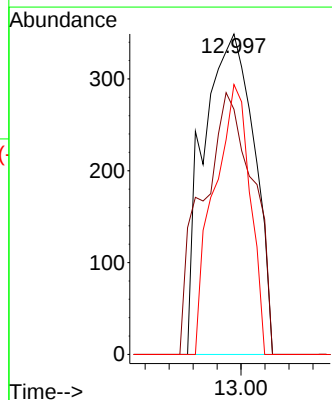
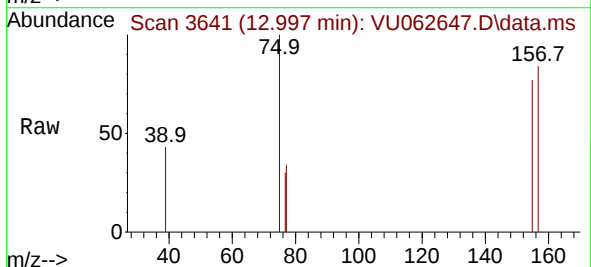
Tgt Ion: 75 Resp: 512

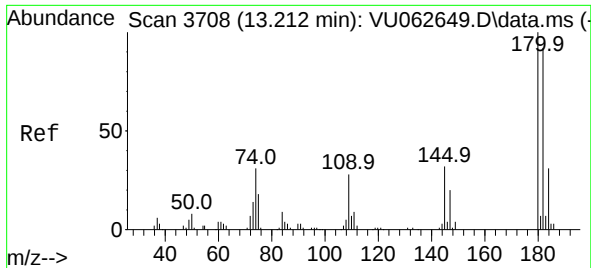
Ion Ratio Lower Upper

75 100

155 76.5 59.6 89.4

157 84.2 70.8 106.2





#69

1,3,5-Trichlorobenzene

Concen: 0.445 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.003 min

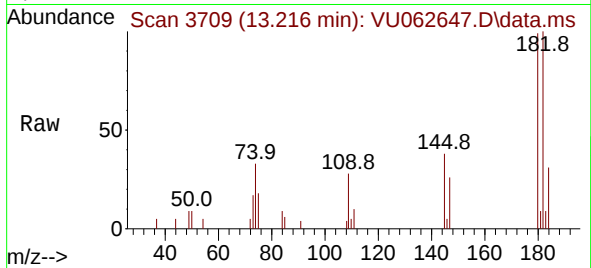
Lab File: VU062647.D

Acq: 02 Jan 2025 10:06

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 5163

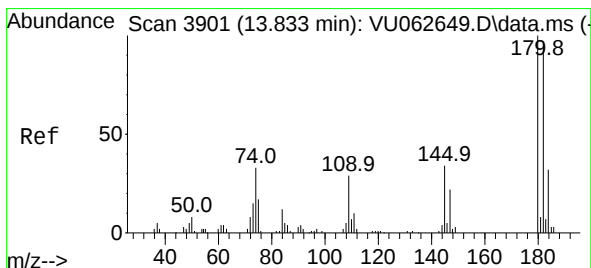
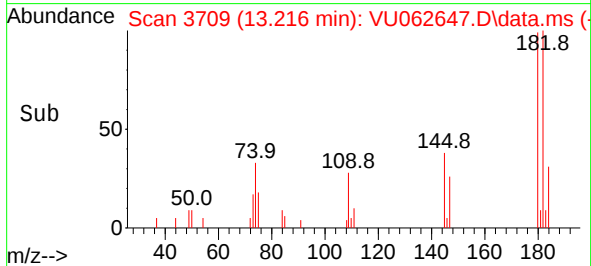
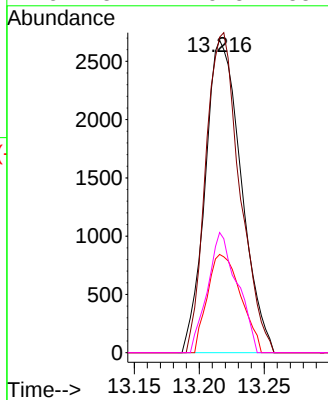
Ion Ratio Lower Upper

180 100

182 96.7 75.8 113.8

184 29.2 24.7 37.1

145 31.7 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 0.436 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.007 min

Lab File: VU062647.D

Acq: 02 Jan 2025 10:06

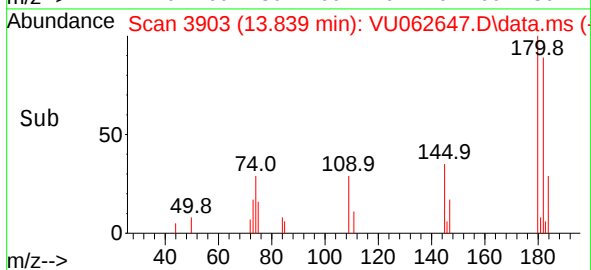
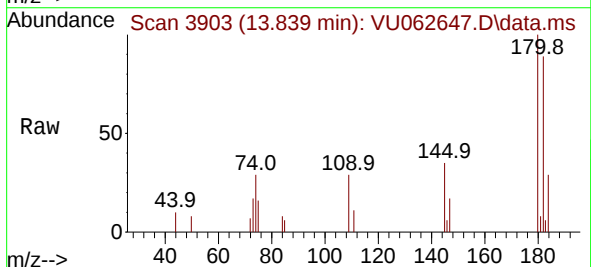
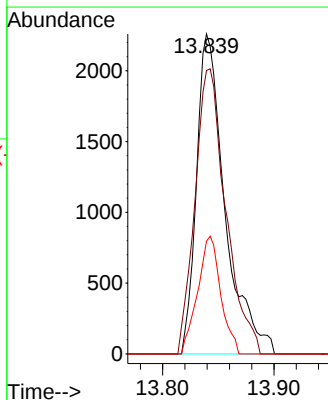
Tgt Ion:180 Resp: 4005

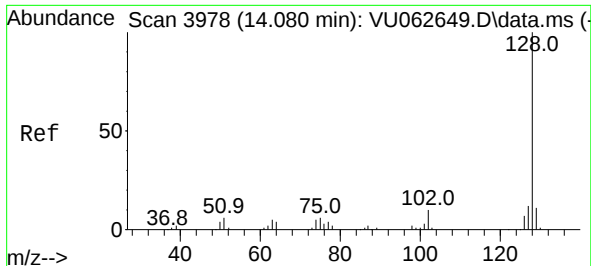
Ion Ratio Lower Upper

180 100

182 96.3 77.1 115.7

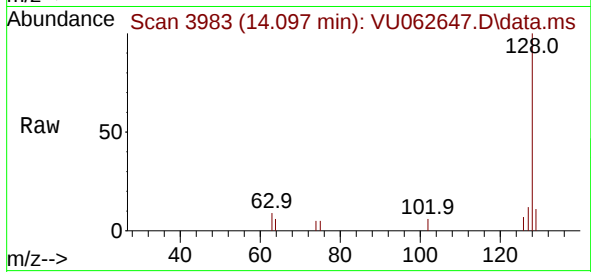
145 29.9 26.9 40.3



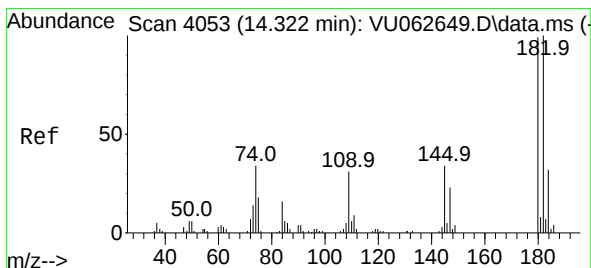
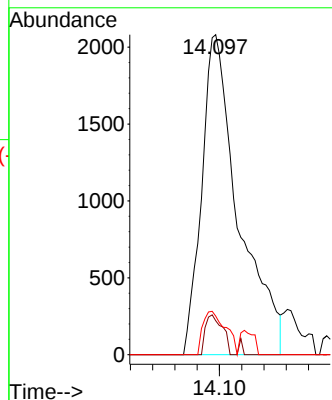
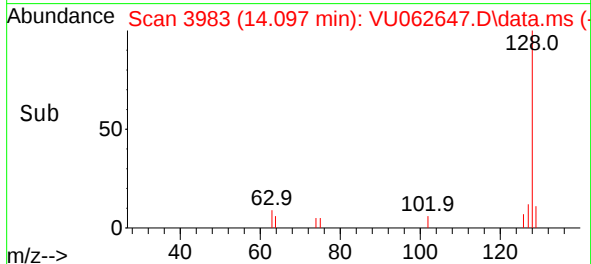


#71
Naphthalene
Concen: 0.347 ug/L
RT: 14.097 min Scan# 3983
Delta R.T. 0.016 min
Lab File: VU062647.D
Acq: 02 Jan 2025 10:06

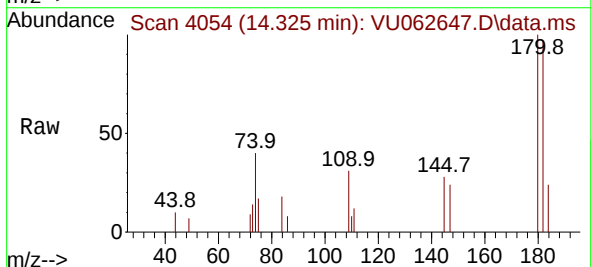
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 4782
Ion Ratio Lower Upper
128 100
129 5.7 8.5 12.7#
127 8.3 10.2 15.2#



#72
1,2,3-Trichlorobenzene
Concen: 0.416 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU062647.D
Acq: 02 Jan 2025 10:06



Tgt Ion:180 Resp: 3365
Ion Ratio Lower Upper
180 100
182 98.1 79.8 119.6
145 28.5 29.2 43.8#

