

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010825\
 Data File : VU062666.D
 Acq On : 08 Jan 2025 11:30
 Operator : MD/SY
 Sample : VSTD100
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 08 23:06:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 08 23:04:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	146367	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	139330	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	76895	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	96942	96.525	ug/L	0.00
7) Chloroethane-d5	1.901	69	78887	106.754	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	198758	102.898	ug/L	0.00
21) 2-Butanone-d5	4.605	46	78414	123.628	ug/L	0.00
24) Chloroform-d	5.046	84	227590	106.057	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.685	65	155531	112.549	ug/L	0.00
32) Benzene-d6	5.714	84	390983	98.914	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.676	67	112630	91.554	ug/L	0.00
41) Toluene-d8	7.885	98	383816	104.182	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	70195	110.806	ug/L	0.00
47) 2-Hexanone-d5	8.618	63	77010	173.532	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.743	84	168321	94.380	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.180	152	155334	102.258	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	143110	102.200	ug/L	99
3) Chloromethane	1.518	50	91963	82.788	ug/L	97
5) Vinyl chloride	1.602	62	100930	86.744	ug/L	96
6) Bromomethane	1.840	94	76289	111.642	ug/L	100
8) Chloroethane	1.923	64	61368	91.552	ug/L	99
9) Trichlorofluoromethane	2.129	101	208943	111.729	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	99935	99.115	ug/L	99
12) 1,1-Dichloroethene	2.570	96	88655	96.714	ug/L	96
13) Acetone	2.612	43	76740	103.487	ug/L	99
14) Carbon disulfide	2.785	76	262103	94.822	ug/L	98
15) Methyl Acetate	2.933	43	77052	80.574	ug/L	98
16) Methylene chloride	3.033	84	98033	94.159	ug/L	100
17) trans-1,2-Dichloroethene	3.341	96	92392	97.776	ug/L	97
18) Methyl tert-butyl Ether	3.348	73	324742	101.235	ug/L	100
19) 1,1-Dichloroethane	3.853	63	167585	93.283	ug/L	98
20) cis-1,2-Dichloroethene	4.650	96	105991	98.606	ug/L	98
22) 2-Butanone	4.682	43	103907	128.096	ug/L	98
23) Bromochloromethane	4.959	128	57229	100.368	ug/L	98
25) Chloroform	5.071	83	202454	102.010	ug/L	99
27) 1,2-Dichloroethane	5.779	62	173704	108.304	ug/L	99
29) Cyclohexane	5.377	56	139250	90.736	ug/L	98
30) 1,1,1-Trichloroethane	5.303	97	198828	107.734	ug/L	99
31) Carbon tetrachloride	5.512	117	185302	112.278	ug/L	98
33) Benzene	5.759	78	381915	93.950	ug/L	100
34) Trichloroethene	6.531	95	113525	100.128	ug/L	98
35) Methylcyclohexane	6.753	83	163118	96.773	ug/L	98
37) 1,2-Dichloropropane	6.775	63	93926	88.478	ug/L	99
38) Bromodichloromethane	7.090	83	158563	105.708	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	175040	99.627	ug/L	98
40) 4-Methyl-2-pentanone	7.775	43	211415	163.684	ug/L	99
42) Toluene	7.959	91	429522	97.975	ug/L	99
44) trans-1,3-Dichloropropene	8.197	75	178738	108.634	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010825\
 Data File : VU062666.D
 Acq On : 08 Jan 2025 11:30
 Operator : MD/SY
 Sample : VSTD100
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

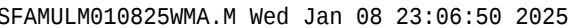
Instrument :
 MSVOA_U
 ClientSampleId :

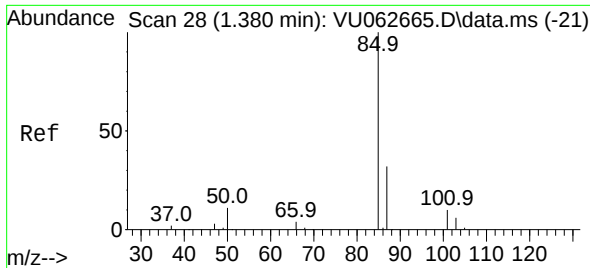
Quant Time: Jan 08 23:06:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 08 23:04:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.386	97	102247	95.260	ug/L	99
46) Tetrachloroethene	8.541	164	89259	102.815	ug/L	98
48) 2-Hexanone	8.669	43	159338	149.280	ug/L	98
49) Dibromochloromethane	8.798	129	125885	109.052	ug/L	99
50) 1,2-Dibromoethane	8.910	107	118296	101.045	ug/L	99
51) Chlorobenzene	9.434	112	278731	99.578	ug/L	98
52) Ethylbenzene	9.560	91	502026	103.597	ug/L	100
53) m,p-Xylene	9.682	106	188698	105.287	ug/L	97
54) o-Xylene	10.087	106	180812	102.789	ug/L	99
55) Styrene	10.103	104	318510	107.582	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.769	83	163975	93.800	ug/L	97
59) Bromoform	10.277	173	106753	108.609	ug/L	100
60) 1,2,3-Trichloropropane	10.811	75	135583	88.918	ug/L	97
61) Isopropylbenzene	10.473	105	514706	100.171	ug/L	100
62) 1,3,5-Trimethylbenzene	11.077	105	456055	103.407	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	450653	106.475	ug/L	100
64) 1,3-Dichlorobenzene	11.733	146	242806	101.455	ug/L	99
65) 1,4-Dichlorobenzene	11.823	146	242868	99.799	ug/L	99
67) 1,2-Dichlorobenzene	12.200	146	238160	101.327	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	44106	100.495	ug/L	98
69) 1,3,5-Trichlorobenzene	13.209	180	173462	103.287	ug/L	100
70) 1,2,4-trichlorobenzene	13.830	180	143942	102.295	ug/L	98
71) Naphthalene	14.077	128	389734	105.083	ug/L	100
72) 1,2,3-Trichlorobenzene	14.318	180	133923	100.184	ug/L	98

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

Quant Time: Jan 08 23:06:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010825WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 08 23:04:08 2025
Response via : Initial Calibration

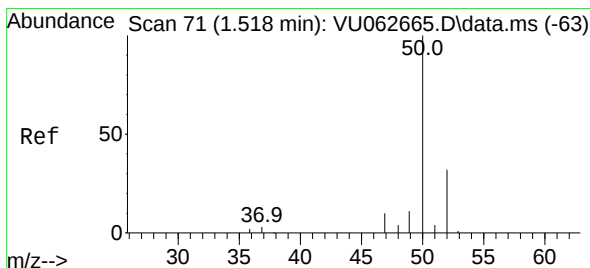
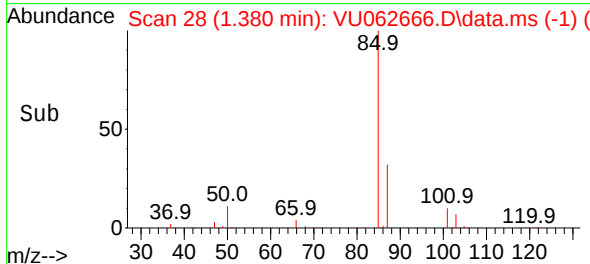
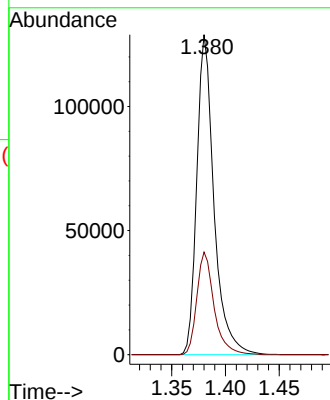
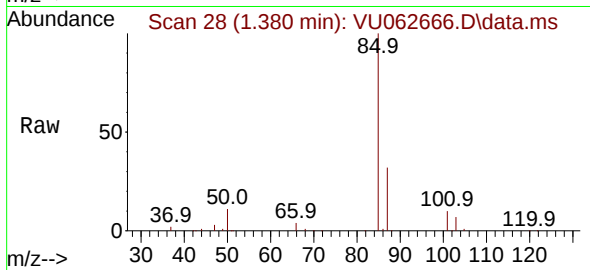




#2
Dichlorodifluoromethane
Concen: 102.200 ug/L
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

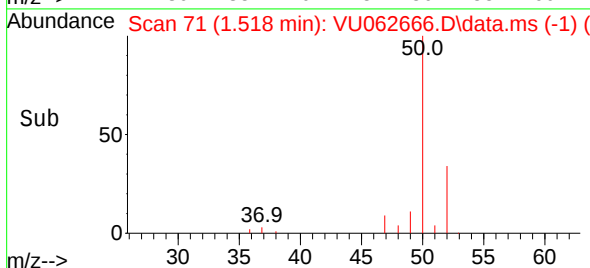
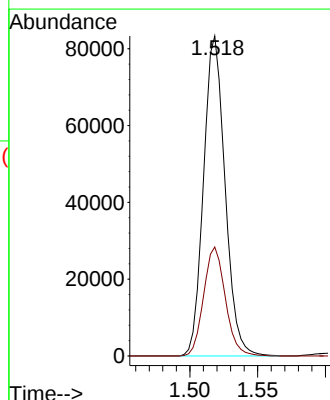
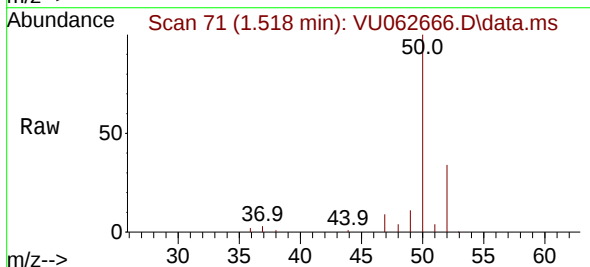
Instrument :
MSVOA_U
ClientSampleId :

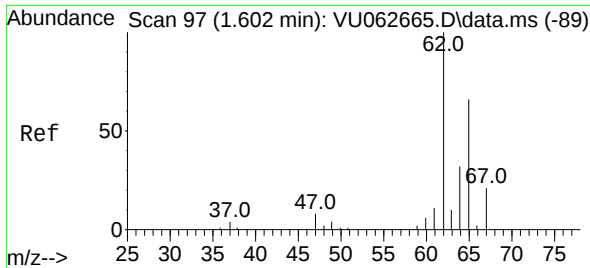
Tgt Ion: 85 Resp: 143110
Ion Ratio Lower Upper
85 100
87 32.2 25.5 38.3



#3
Chloromethane
Concen: 82.788 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

Tgt Ion: 50 Resp: 91963
Ion Ratio Lower Upper
50 100
52 34.0 22.5 41.9

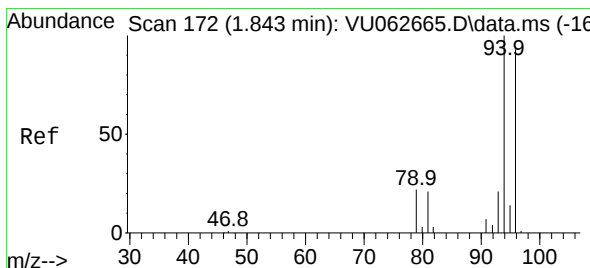
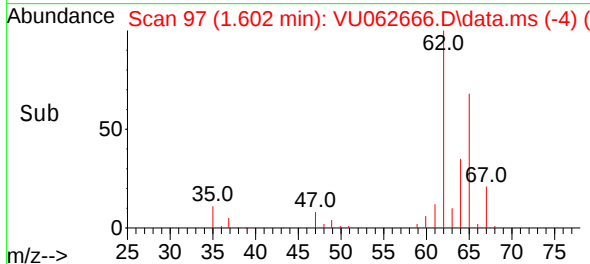
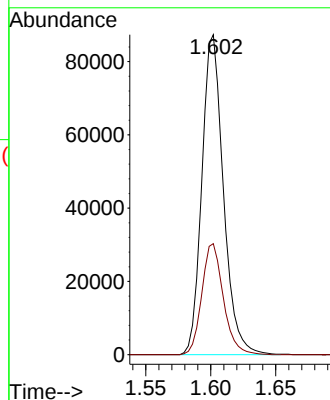
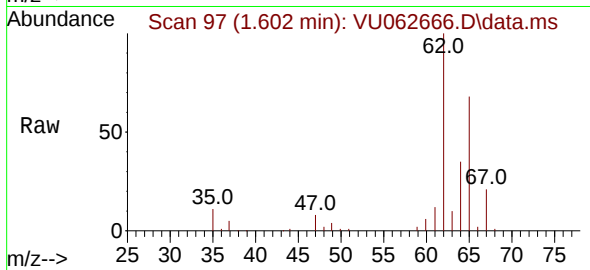




#5
 Vinyl chloride
 Concen: 86.744 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU062666.D
 Acq: 08 Jan 2025 11:30

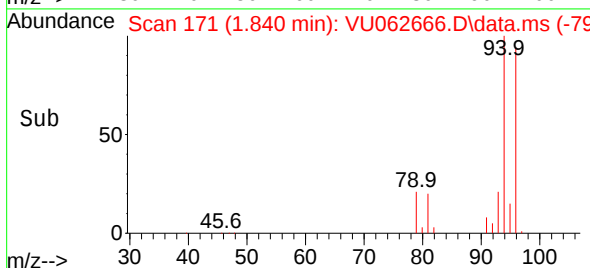
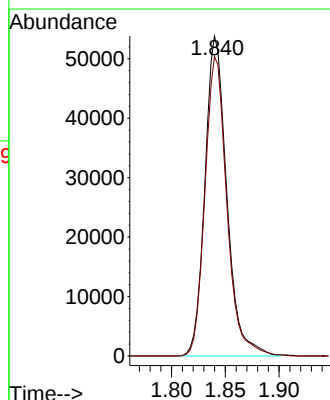
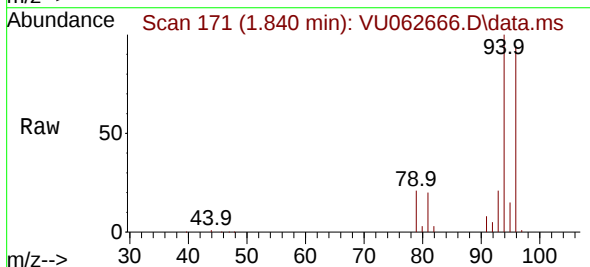
Instrument :
 MSVOA_U
 ClientSampleId :

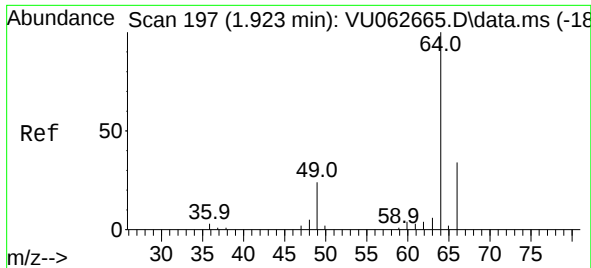
Tgt Ion: 62 Resp: 100930
 Ion Ratio Lower Upper
 62 100
 64 34.7 22.7 42.1



#6
 Bromomethane
 Concen: 111.642 ug/L
 RT: 1.840 min Scan# 171
 Delta R.T. -0.003 min
 Lab File: VU062666.D
 Acq: 08 Jan 2025 11:30

Tgt Ion: 94 Resp: 76289
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.2 121.0

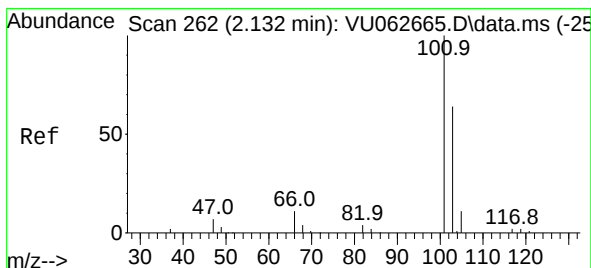
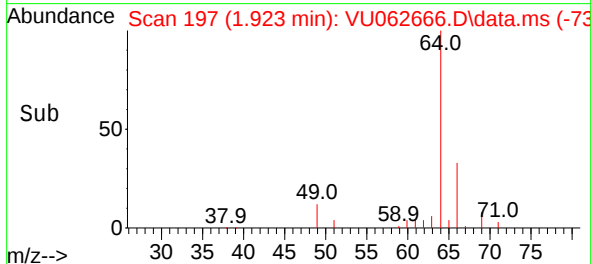
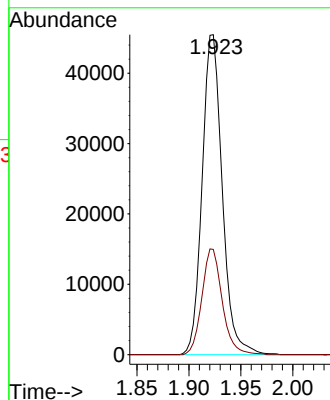
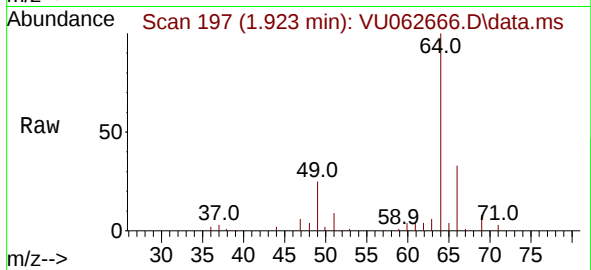




#8
Chloroethane
Concen: 91.552 ug/L
RT: 1.923 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

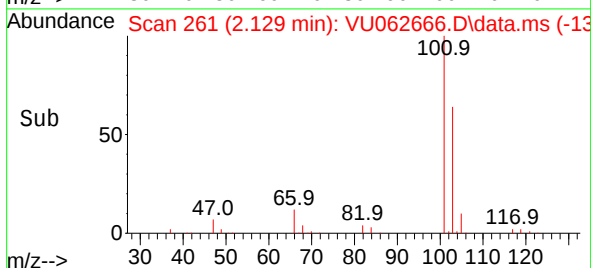
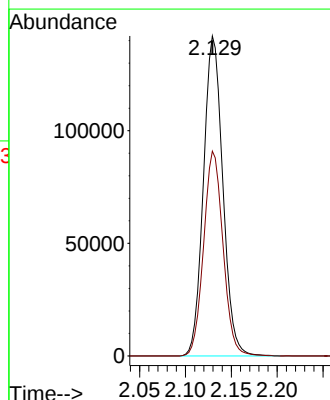
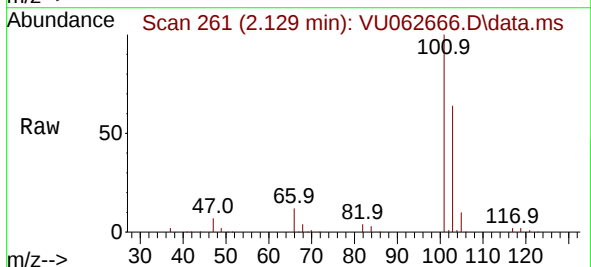
Instrument :
MSVOA_U
ClientSampleId :

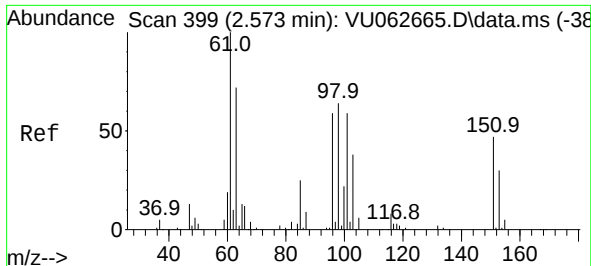
Tgt Ion: 64 Resp: 61368
Ion Ratio Lower Upper
64 100
66 32.9 23.6 43.8



#9
Trichlorofluoromethane
Concen: 111.729 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

Tgt Ion:101 Resp: 208943
Ion Ratio Lower Upper
101 100
103 64.0 51.0 76.4

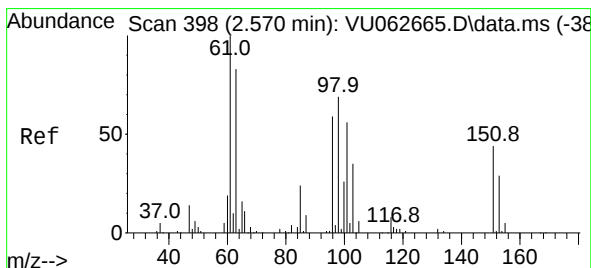
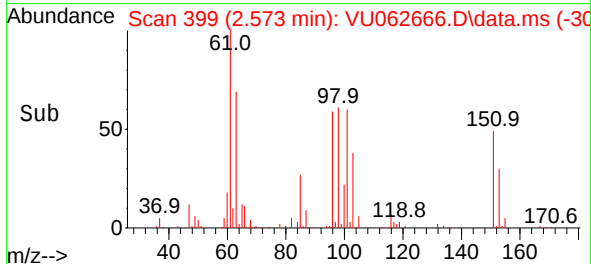
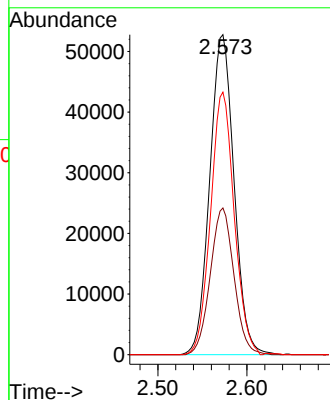
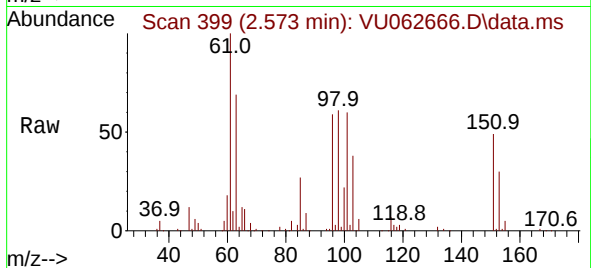




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 99.115 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU062666.D
 Acq: 08 Jan 2025 11:30

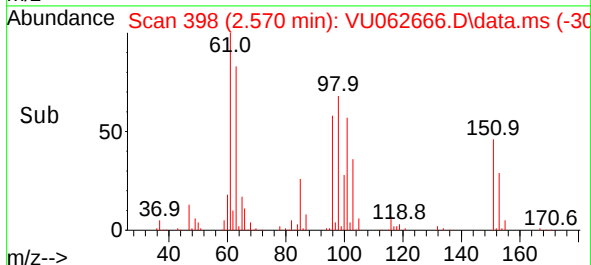
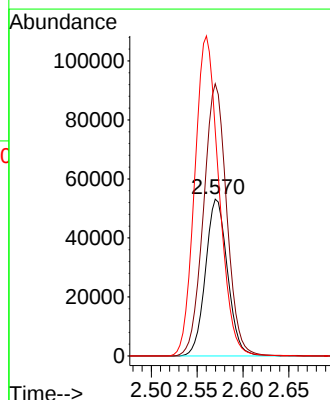
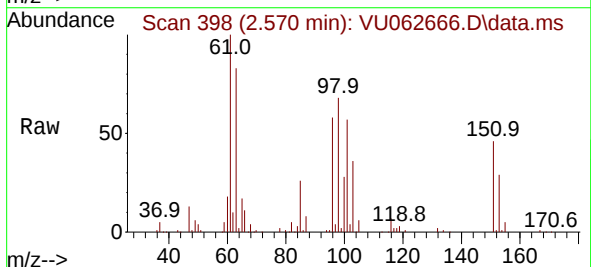
Instrument :
 MSVOA_U
 ClientSampleId :

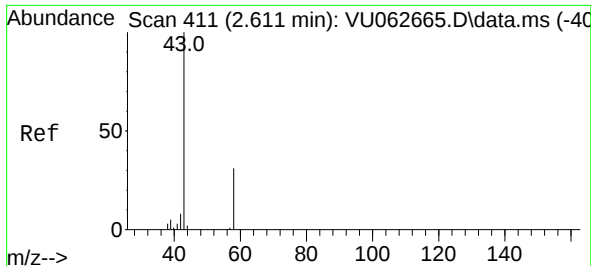
Tgt Ion:101 Resp: 99935
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.9 53.9
 151 79.8 63.0 94.6



#12
 1,1-Dichloroethene
 Concen: 96.714 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU062666.D
 Acq: 08 Jan 2025 11:30

Tgt Ion: 96 Resp: 88655
 Ion Ratio Lower Upper
 96 100
 61 173.6 119.9 222.7
 63 143.8 106.3 197.5





#13

Acetone

Concen: 103.487 ug/L

RT: 2.612 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU062666.D

Acq: 08 Jan 2025 11:30

Instrument :

MSVOA_U

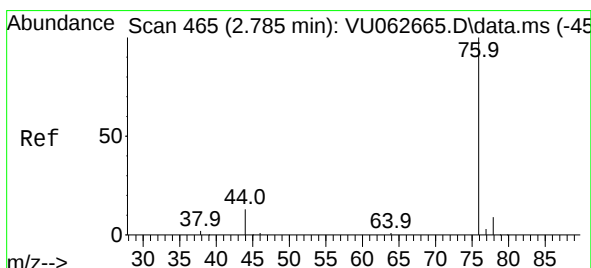
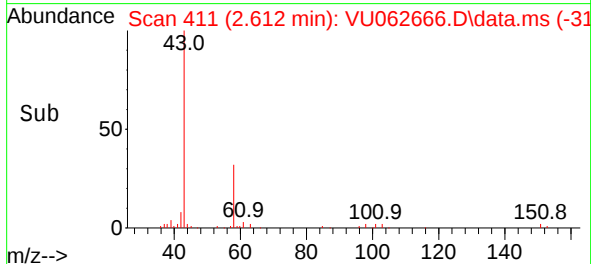
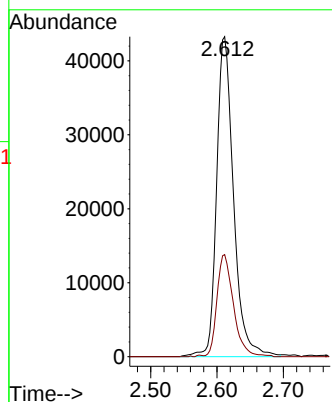
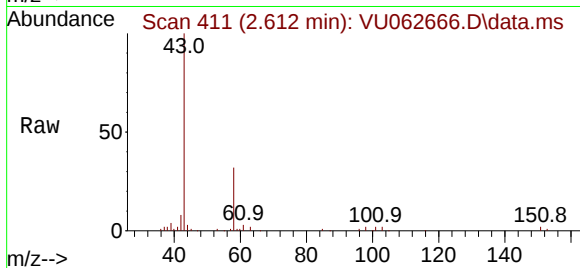
ClientSampleId :

Tgt Ion: 43 Resp: 76740

Ion Ratio Lower Upper

43 100

58 30.5 0.0 62.4



#14

Carbon disulfide

Concen: 94.822 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU062666.D

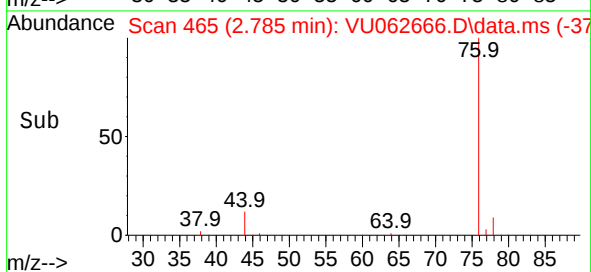
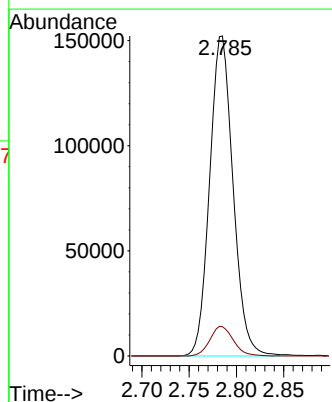
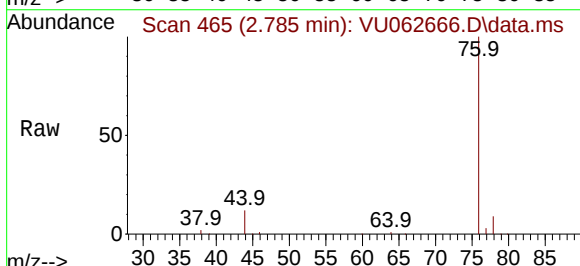
Acq: 08 Jan 2025 11:30

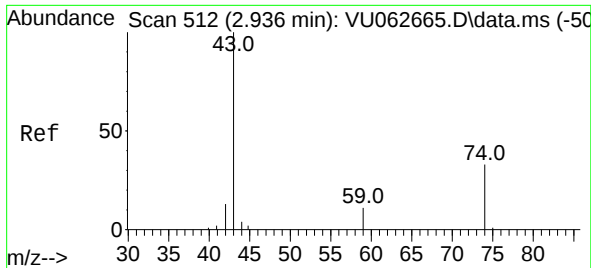
Tgt Ion: 76 Resp: 262103

Ion Ratio Lower Upper

76 100

78 9.2 6.9 10.3





#15

Methyl Acetate

Concen: 80.574 ug/L

RT: 2.933 min Scan# 51

Delta R.T. -0.003 min

Lab File: VU062666.D

Acq: 08 Jan 2025 11:30

Instrument :

MSVOA_U

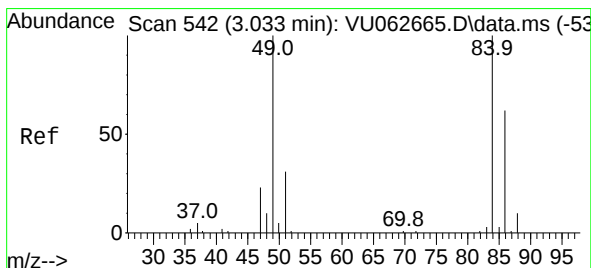
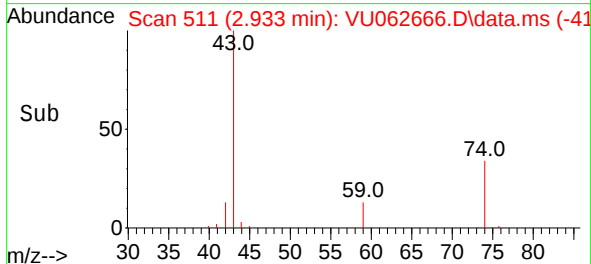
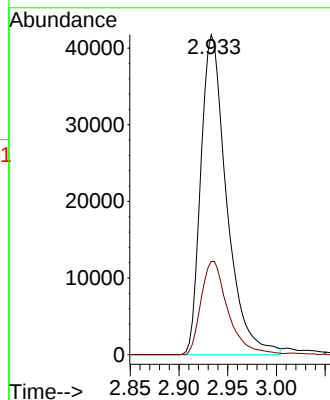
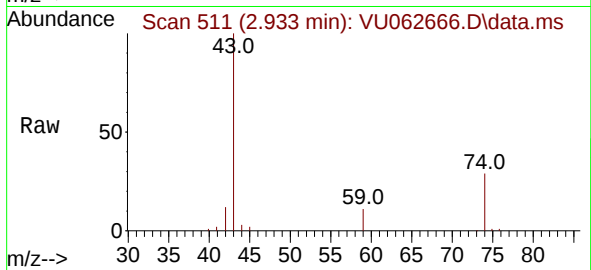
ClientSampleId :

Tgt Ion: 43 Resp: 77052

Ion Ratio Lower Upper

43 100

74 30.4 25.4 38.0



#16

Methylene chloride

Concen: 94.159 ug/L

RT: 3.033 min Scan# 542

Delta R.T. 0.000 min

Lab File: VU062666.D

Acq: 08 Jan 2025 11:30

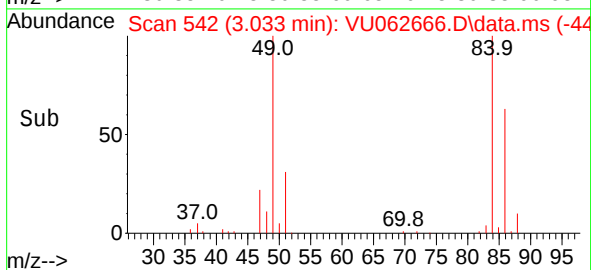
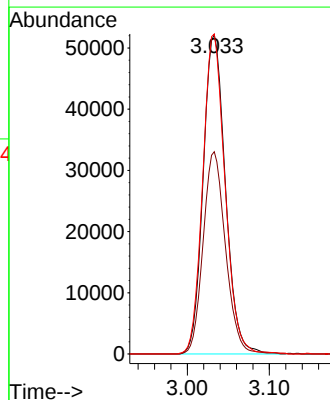
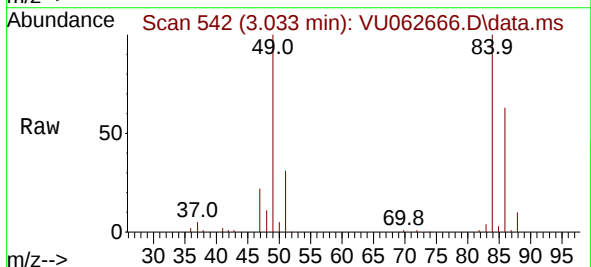
Tgt Ion: 84 Resp: 98033

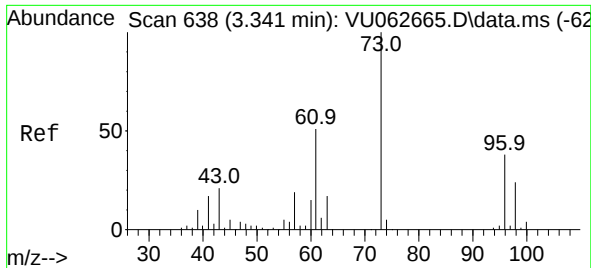
Ion Ratio Lower Upper

84 100

86 63.4 43.8 81.4

49 100.2 70.3 130.5

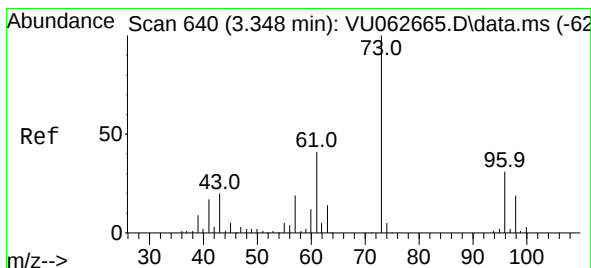
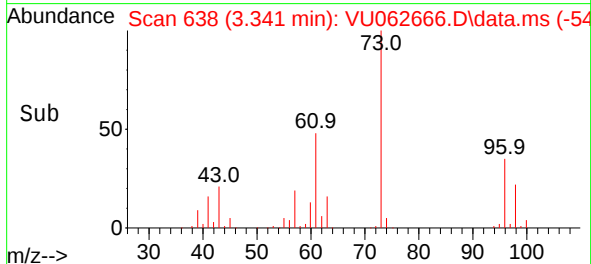
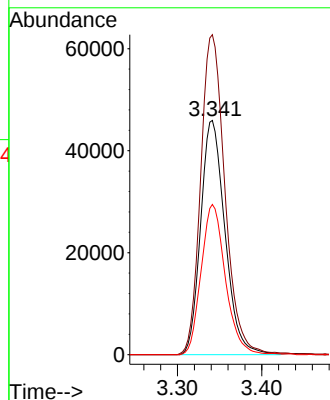
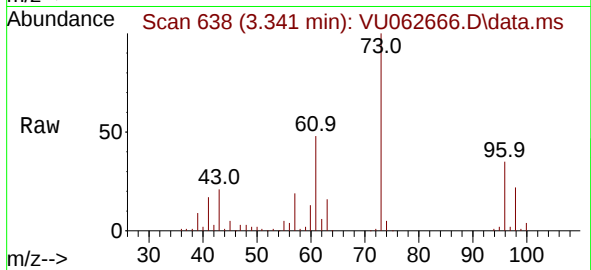




#17
trans-1,2-Dichloroethene
Concen: 97.776 ug/L
RT: 3.341 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

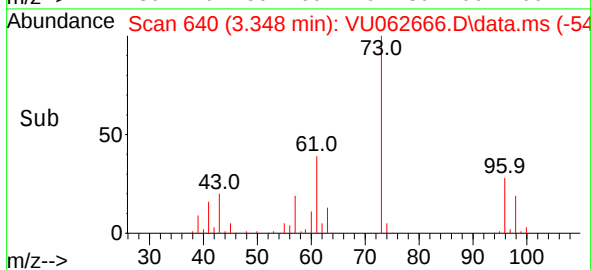
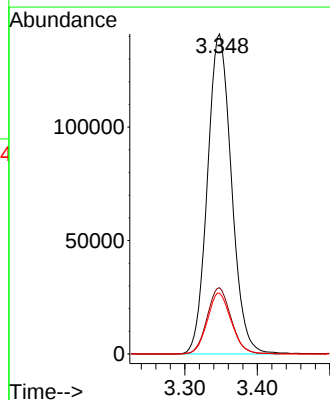
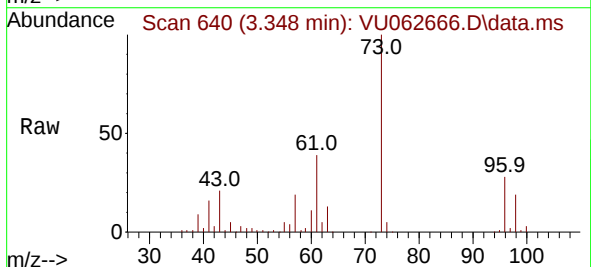
Instrument :
MSVOA_U
ClientSampleId :

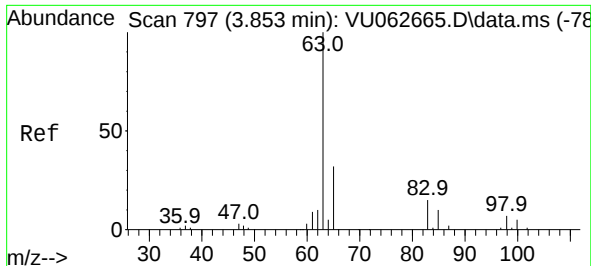
Tgt Ion: 96 Resp: 92392
Ion Ratio Lower Upper
96 100
61 136.6 92.9 172.5
98 64.2 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 101.235 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

Tgt Ion: 73 Resp: 324742
Ion Ratio Lower Upper
73 100
43 20.4 16.5 24.7
57 19.0 15.0 22.6

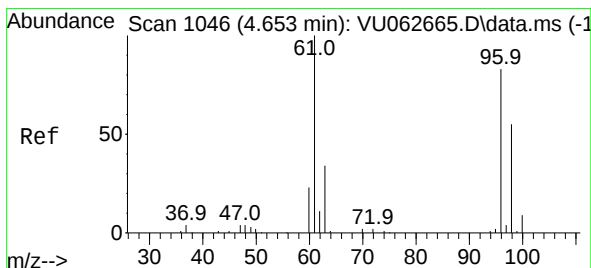
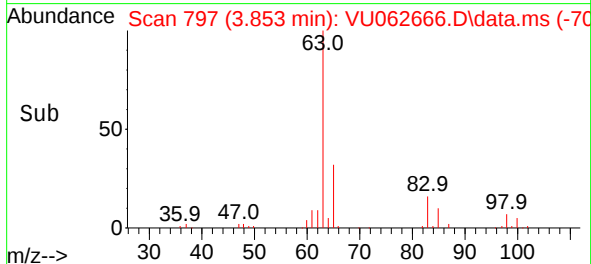
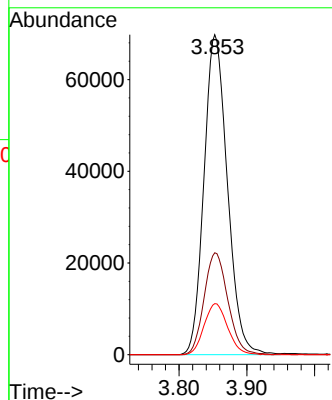
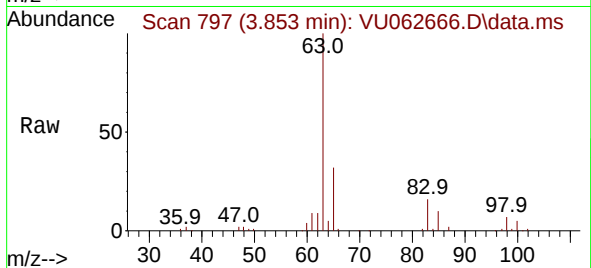




#19
1,1-Dichloroethane
Concen: 93.283 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

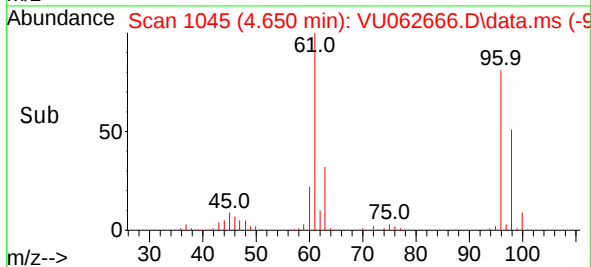
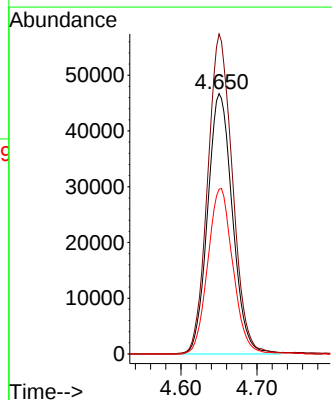
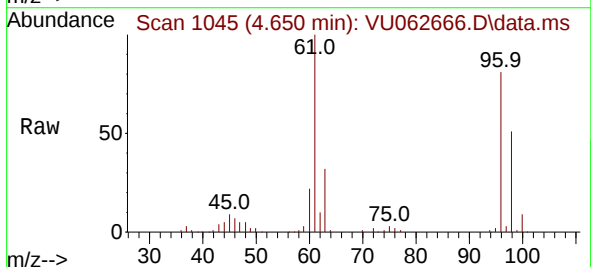
Instrument :
MSVOA_U
ClientSampleId :

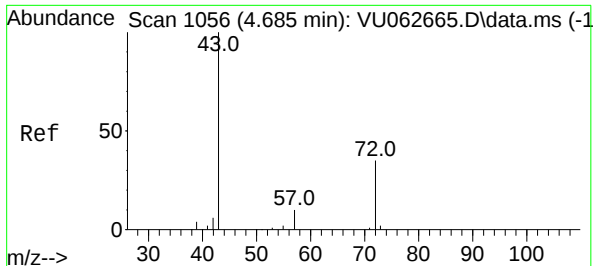
Tgt Ion: 63 Resp: 167585
Ion Ratio Lower Upper
63 100
65 31.9 22.7 42.1
83 16.0 10.1 18.9



#20
cis-1,2-Dichloroethene
Concen: 98.606 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

Tgt Ion: 96 Resp: 105991
Ion Ratio Lower Upper
96 100
61 123.0 85.1 158.1
98 63.3 46.7 86.7

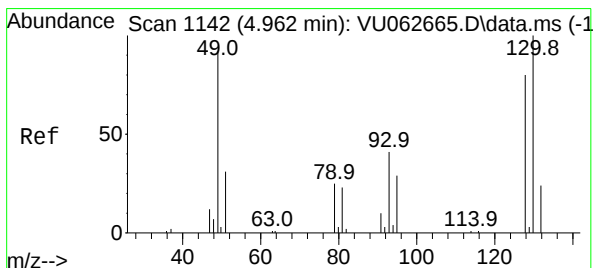
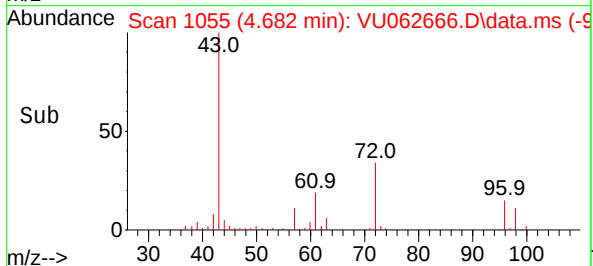
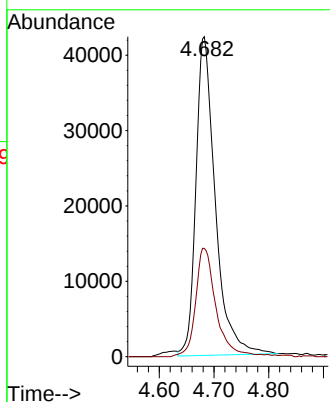
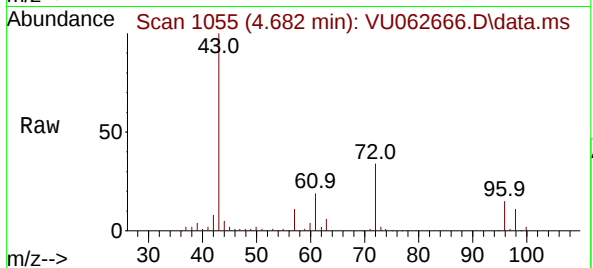




#22
2-Butanone
Concen: 128.096 ug/L
RT: 4.682 min Scan# 1055
Delta R.T. -0.003 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

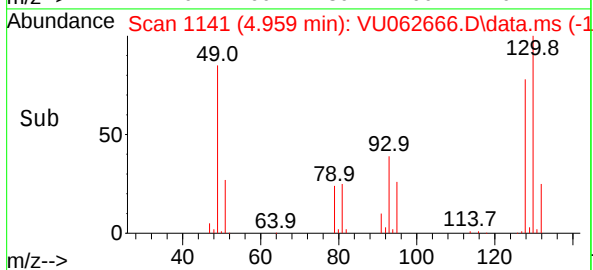
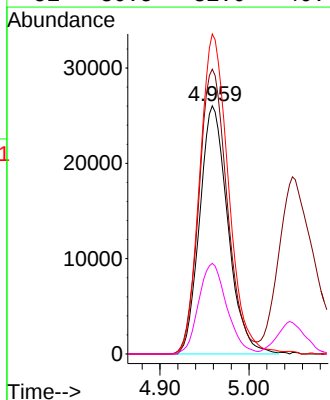
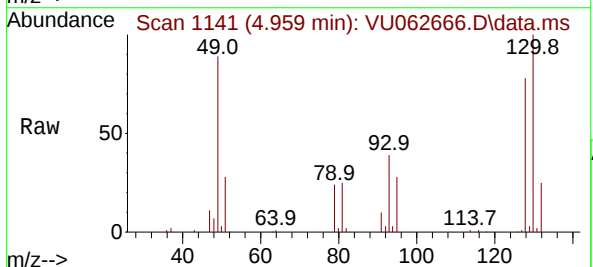
Instrument :
MSVOA_U
ClientSampleId :

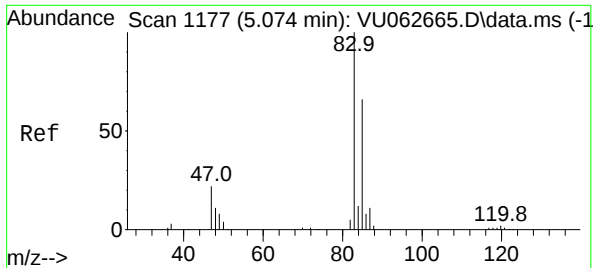
Tgt Ion: 43 Resp: 103907
Ion Ratio Lower Upper
43 100
72 35.5 18.3 54.8



#23
Bromochloromethane
Concen: 100.368 ug/L
RT: 4.959 min Scan# 1141
Delta R.T. -0.003 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

Tgt Ion:128 Resp: 57229
Ion Ratio Lower Upper
128 100
49 114.7 79.9 148.5
130 128.9 87.2 162.0
51 36.5 31.0 46.4

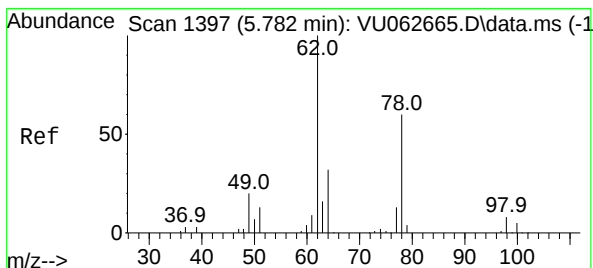
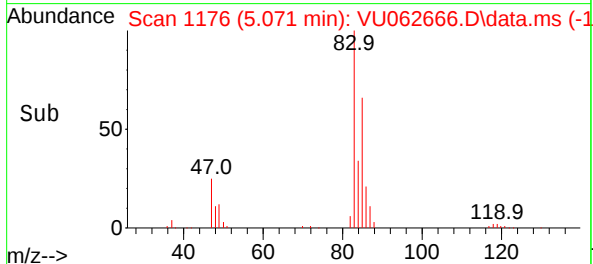
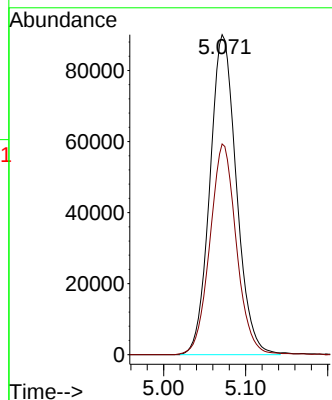
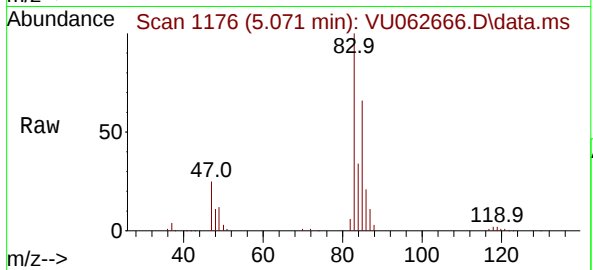




#25
Chloroform
Concen: 102.010 ug/L
RT: 5.071 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

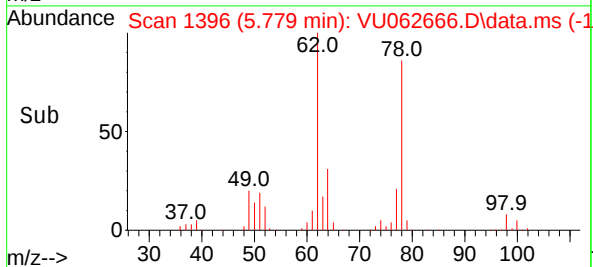
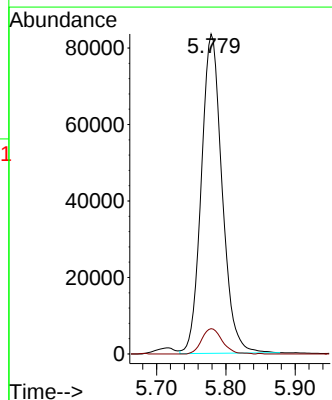
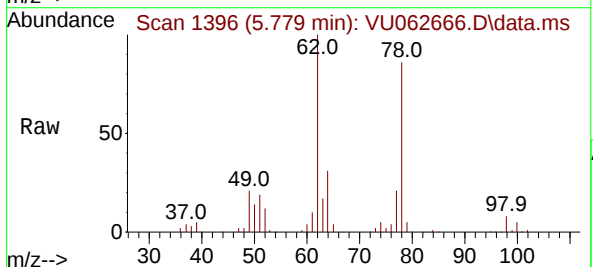
Instrument :
MSVOA_U
ClientSampleId :

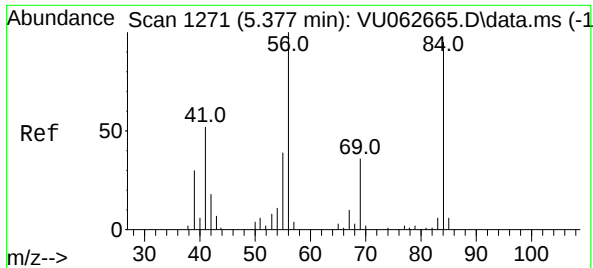
Tgt Ion: 83 Resp: 202454
Ion Ratio Lower Upper
83 100
85 65.8 46.6 86.6



#27
1,2-Dichloroethane
Concen: 108.304 ug/L
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

Tgt Ion: 62 Resp: 173704
Ion Ratio Lower Upper
62 100
98 7.9 6.6 10.0





#29

Cyclohexane

Concen: 90.736 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VU062666.D

Acq: 08 Jan 2025 11:30

Instrument :

MSVOA_U

ClientSampleId :

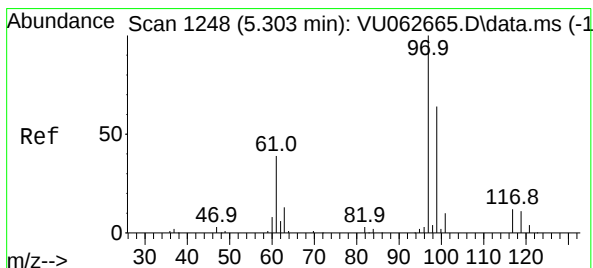
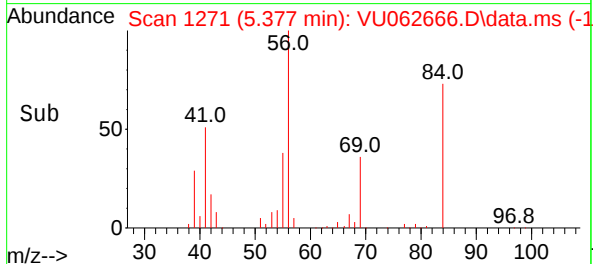
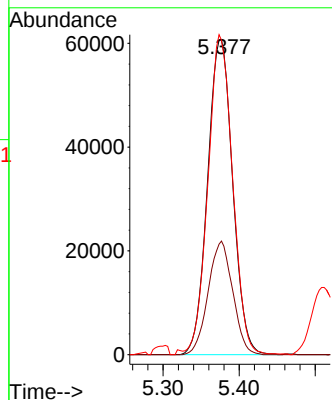
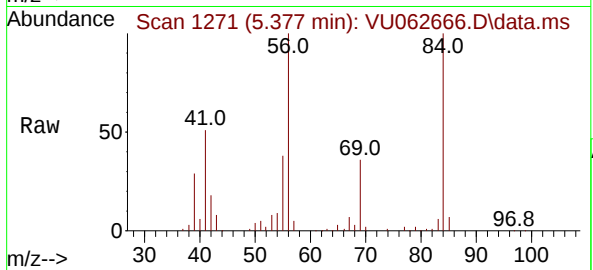
Tgt Ion: 56 Resp: 139250

Ion Ratio Lower Upper

56 100

69 35.2 29.8 44.6

84 99.6 80.6 120.8



#30

1,1,1-Trichloroethane

Concen: 107.734 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. 0.000 min

Lab File: VU062666.D

Acq: 08 Jan 2025 11:30

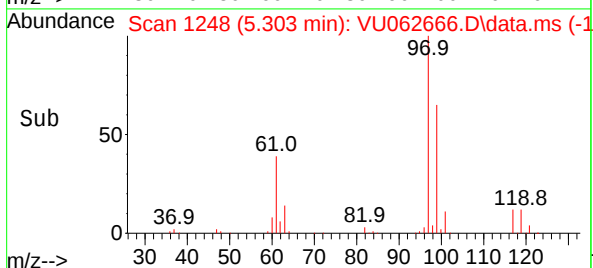
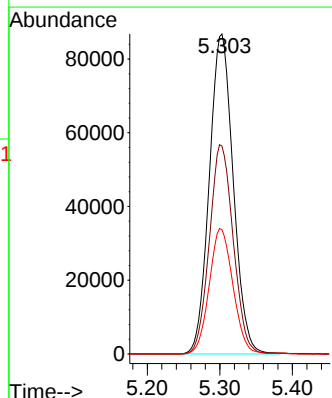
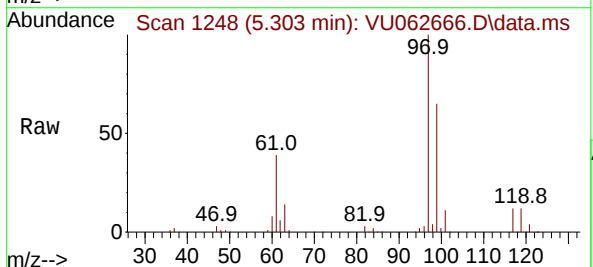
Tgt Ion: 97 Resp: 198828

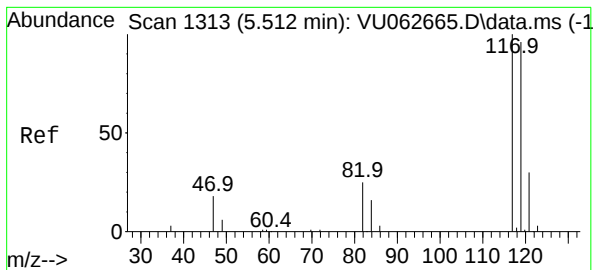
Ion Ratio Lower Upper

97 100

99 65.1 51.3 76.9

61 38.9 31.6 47.4

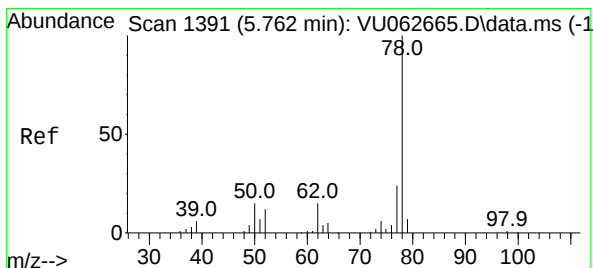
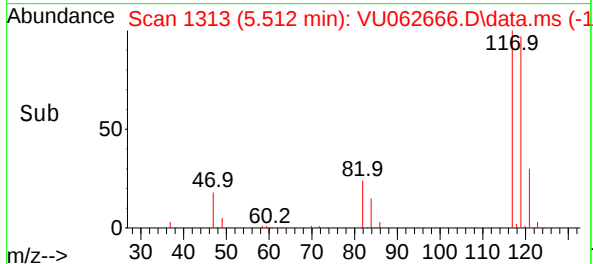
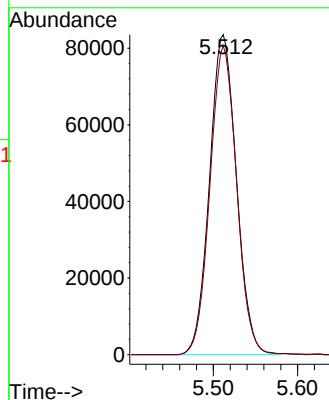
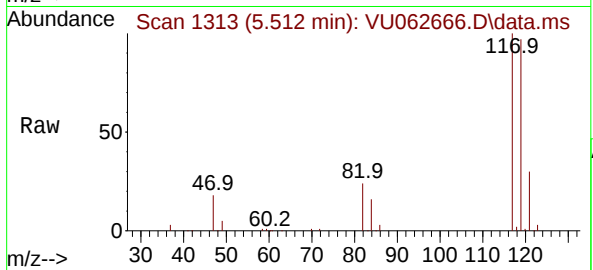




#31
Carbon tetrachloride
Concen: 112.278 ug/L
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

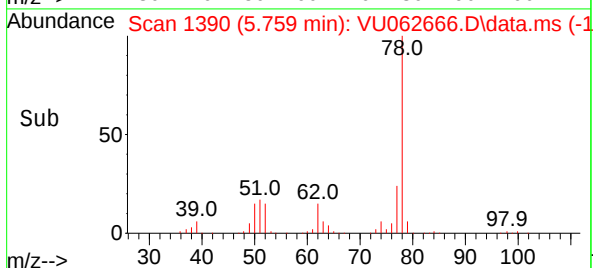
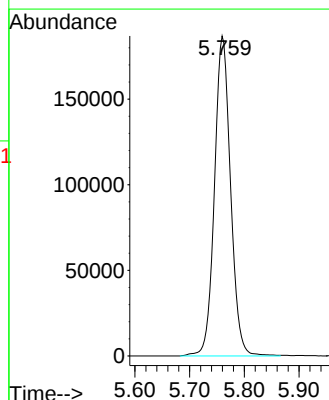
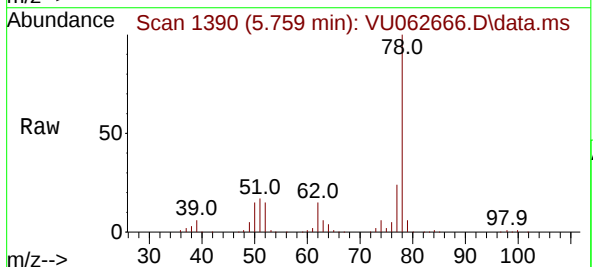
Instrument :
MSVOA_U
ClientSampleId :

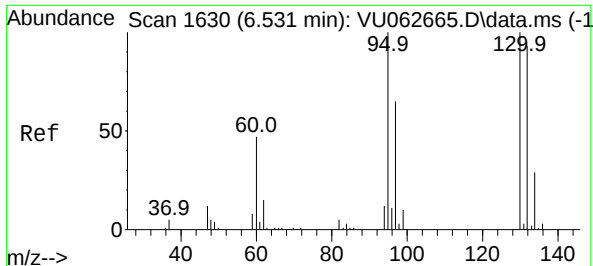
Tgt Ion:117 Resp: 185302
Ion Ratio Lower Upper
117 100
119 95.3 77.7 116.5



#33
Benzene
Concen: 93.950 ug/L
RT: 5.759 min Scan# 1390
Delta R.T. -0.003 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

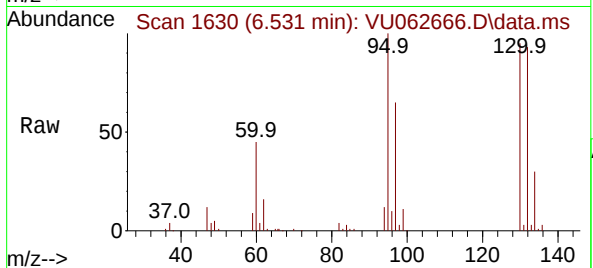
Tgt Ion: 78 Resp: 381915



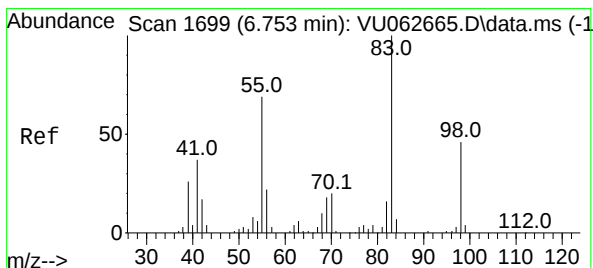
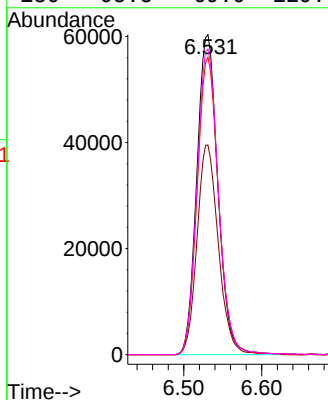
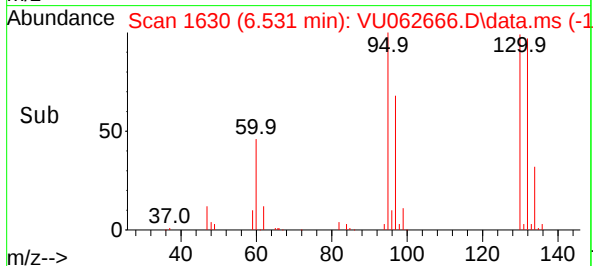


#34
Trichloroethene
Concen: 100.128 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

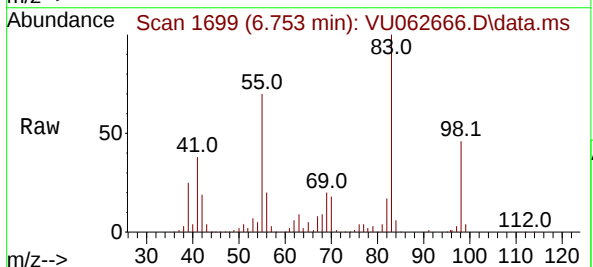
Instrument :
MSVOA_U
ClientSampleId :



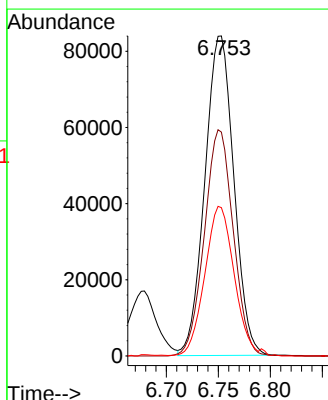
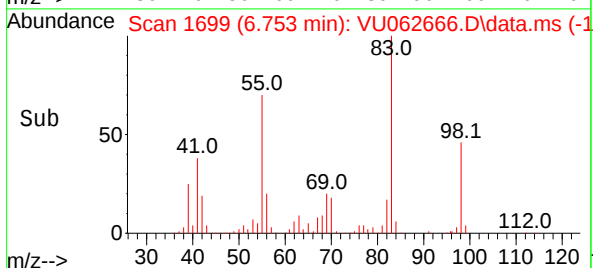
Tgt Ion: 95 Resp: 113525
Ion Ratio Lower Upper
95 100
97 65.5 45.5 84.5
132 92.9 65.1 120.9
130 95.5 69.9 129.7

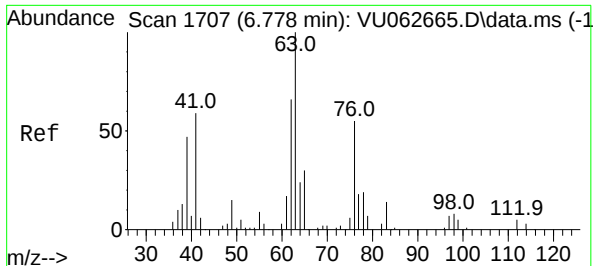


#35
Methylcyclohexane
Concen: 96.773 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30



Tgt Ion: 83 Resp: 163118
Ion Ratio Lower Upper
83 100
55 70.5 55.6 83.4
98 47.3 36.6 54.8

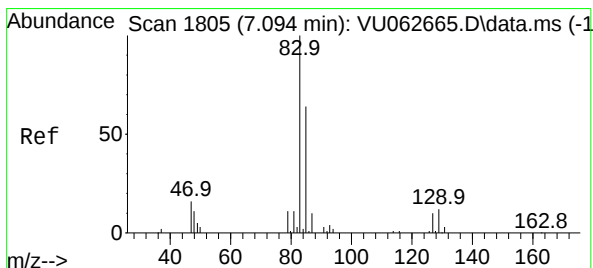
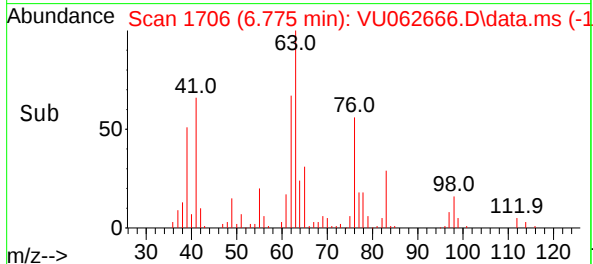
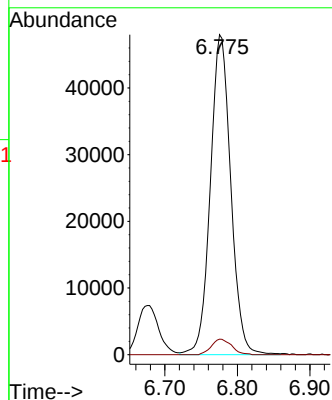
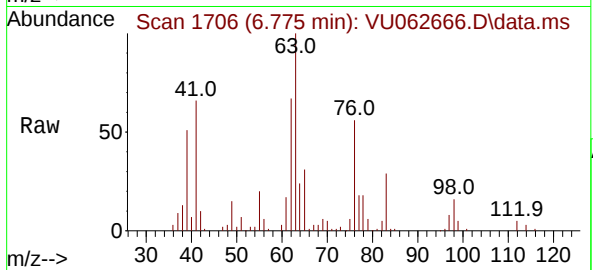




#37
1,2-Dichloropropane
Concen: 88.478 ug/L
RT: 6.775 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

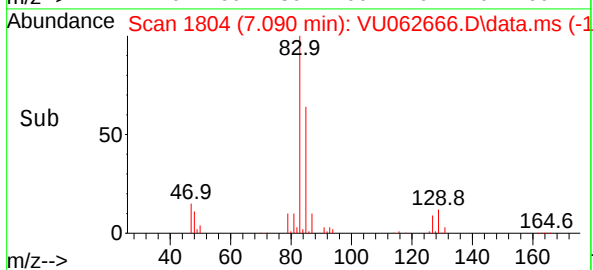
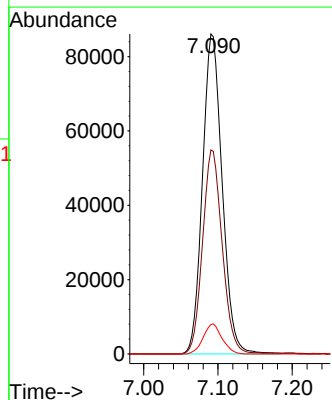
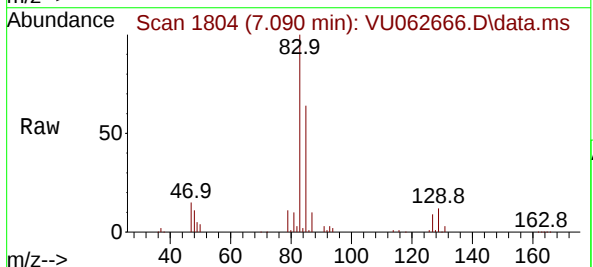
Instrument :
MSVOA_U
ClientSampleId :

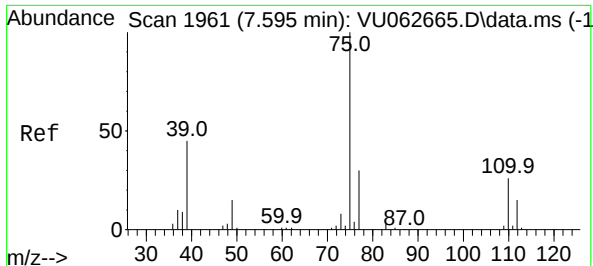
Tgt Ion: 63 Resp: 93926
Ion Ratio Lower Upper
63 100
112 4.8 3.6 5.4



#38
Bromodichloromethane
Concen: 105.708 ug/L
RT: 7.090 min Scan# 1804
Delta R.T. -0.003 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

Tgt Ion: 83 Resp: 158563
Ion Ratio Lower Upper
83 100
85 63.8 44.9 83.3
127 9.2 7.8 11.6

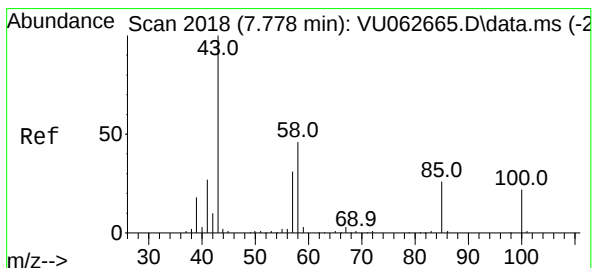
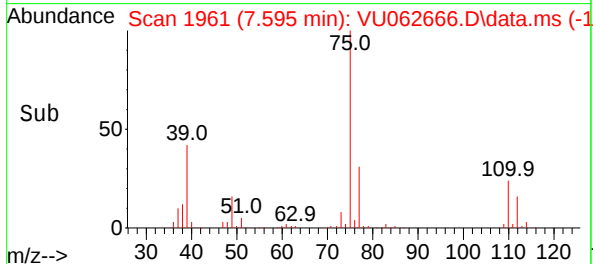
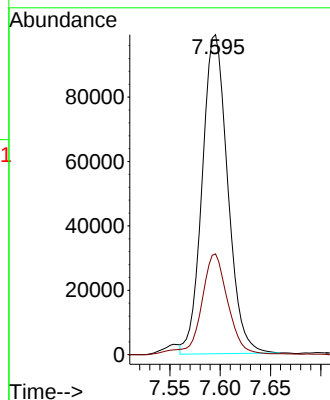
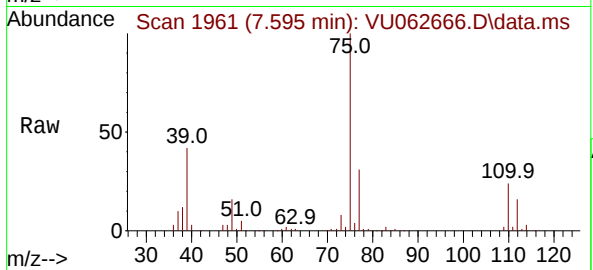




#39
cis-1,3-Dichloropropene
Concen: 99.627 ug/L
RT: 7.595 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

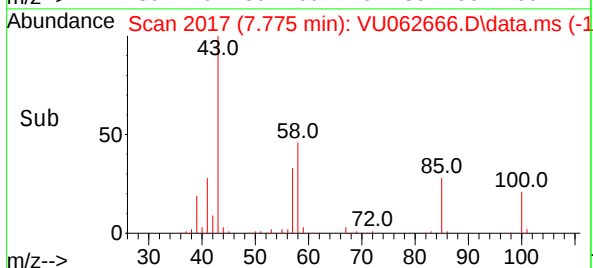
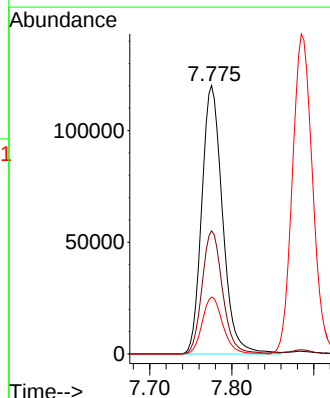
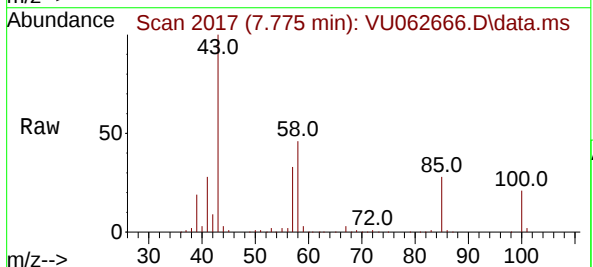
Instrument :
MSVOA_U
ClientSampleId :

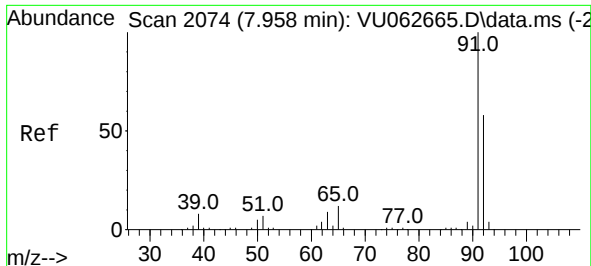
Tgt Ion: 75 Resp: 175040
Ion Ratio Lower Upper
75 100
77 31.5 21.1 39.3



#40
4-Methyl-2-pentanone
Concen: 163.684 ug/L
RT: 7.775 min Scan# 2017
Delta R.T. -0.003 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

Tgt Ion: 43 Resp: 211415
Ion Ratio Lower Upper
43 100
58 45.3 35.6 53.4
100 21.1 16.9 25.3

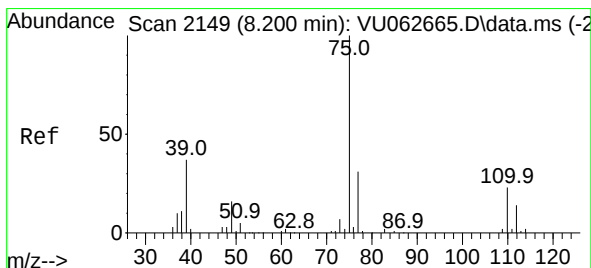
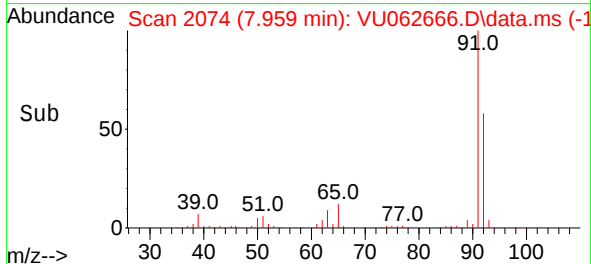
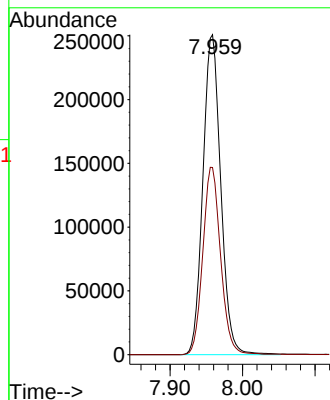
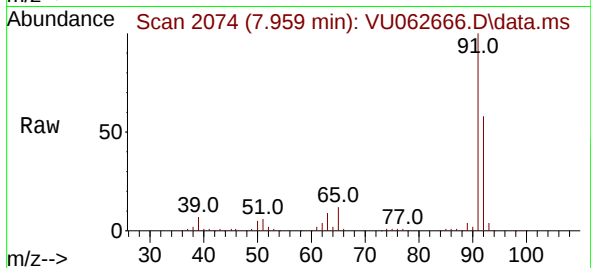




#42
Toluene
Concen: 97.975 ug/L
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

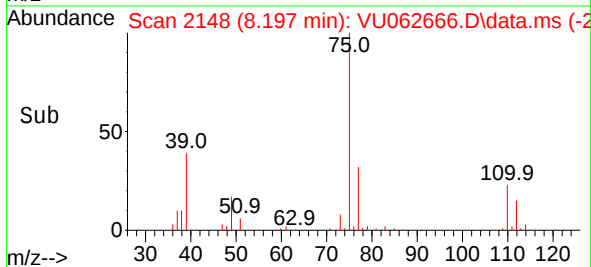
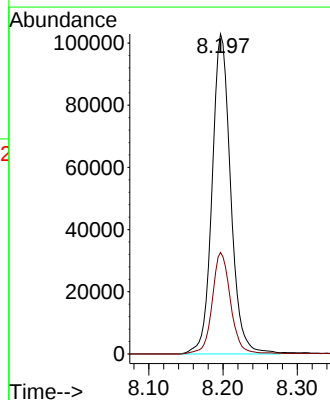
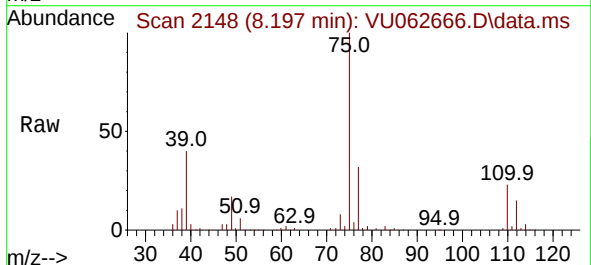
Instrument :
MSVOA_U
ClientSampleId :

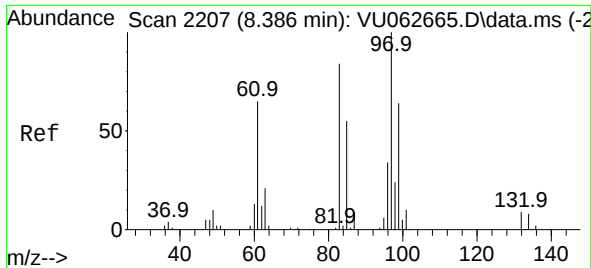
Tgt Ion: 91 Resp: 429522
Ion Ratio Lower Upper
91 100
92 58.5 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 108.634 ug/L
RT: 8.197 min Scan# 2148
Delta R.T. -0.003 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

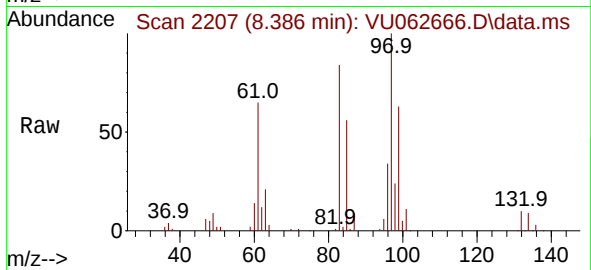
Tgt Ion: 75 Resp: 178738
Ion Ratio Lower Upper
75 100
77 31.7 21.4 39.8





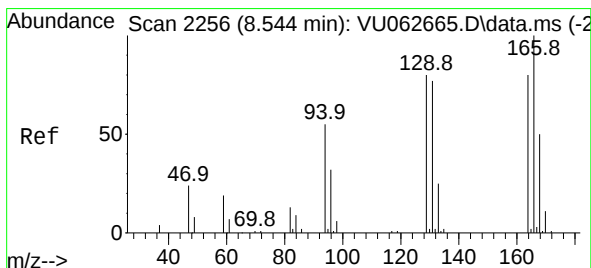
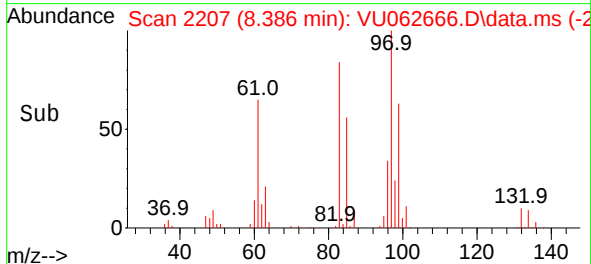
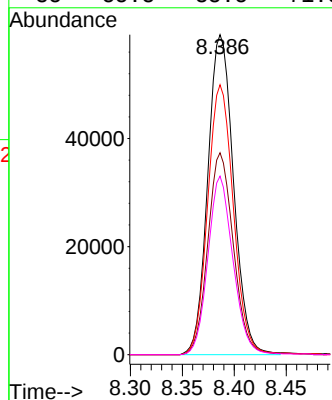
#45
1,1,2-Trichloroethane
Concen: 95.260 ug/L
RT: 8.386 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 102247

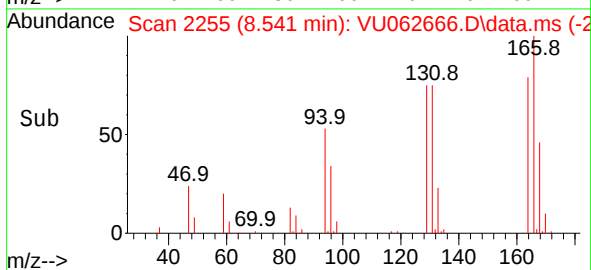
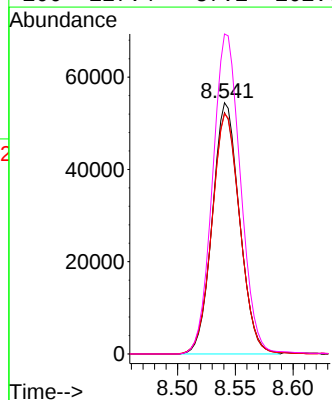
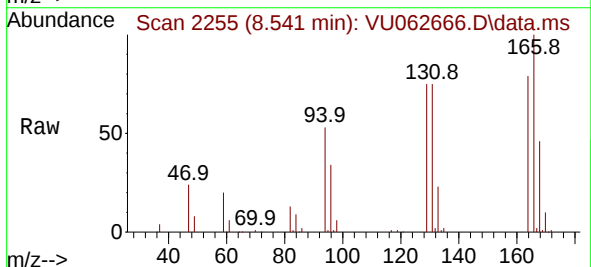
Ion	Ratio	Lower	Upper
97	100		
99	63.1	45.0	83.6
83	84.4	58.9	109.3
85	55.8	38.5	71.5

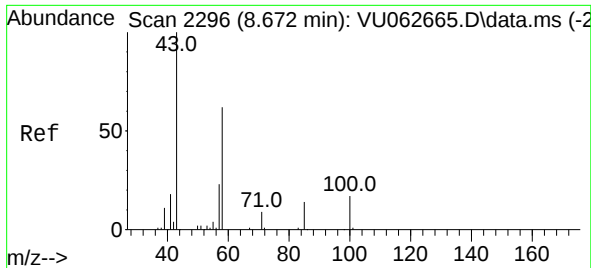


#46
Tetrachloroethene
Concen: 102.815 ug/L
RT: 8.541 min Scan# 2255
Delta R.T. -0.003 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

Tgt Ion: 164 Resp: 89259

Ion	Ratio	Lower	Upper
164	100		
129	96.0	69.7	129.5
131	95.5	67.3	124.9
166	127.4	87.1	161.7





#48

2-Hexanone

Concen: 149.280 ug/L

RT: 8.669 min Scan# 2296

Delta R.T. -0.003 min

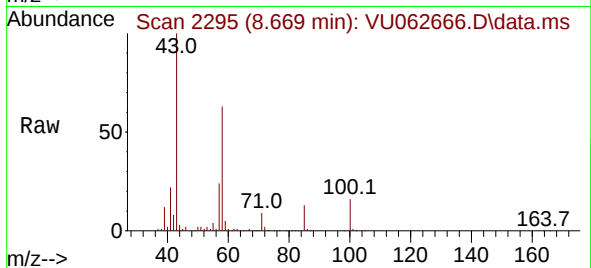
Lab File: VU062666.D

Acq: 08 Jan 2025 11:30

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 159338

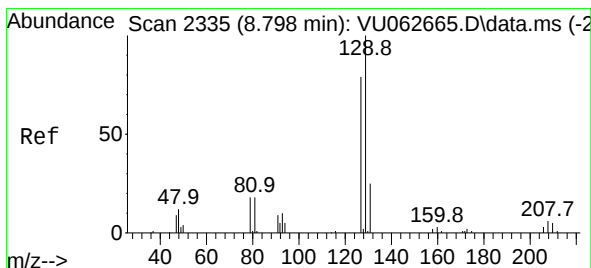
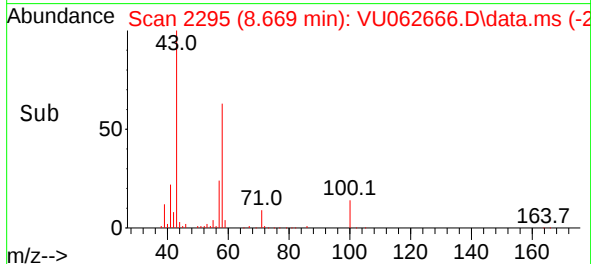
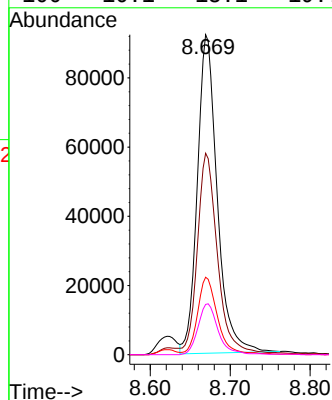
Ion Ratio Lower Upper

43 100

58 62.6 48.6 73.0

57 22.9 18.6 28.0

100 16.1 13.1 19.7



#49

Dibromochloromethane

Concen: 109.052 ug/L

RT: 8.798 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VU062666.D

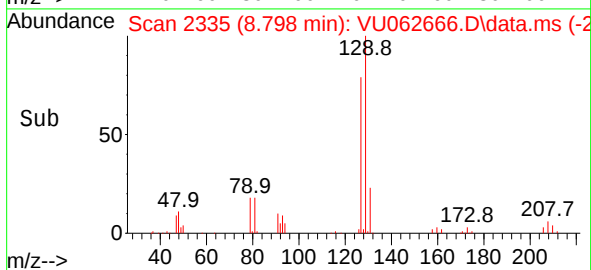
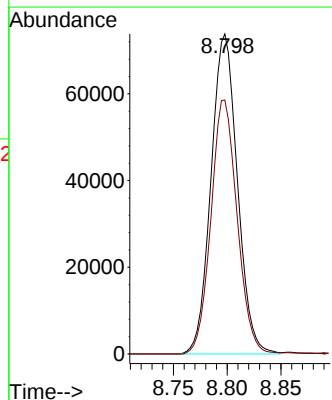
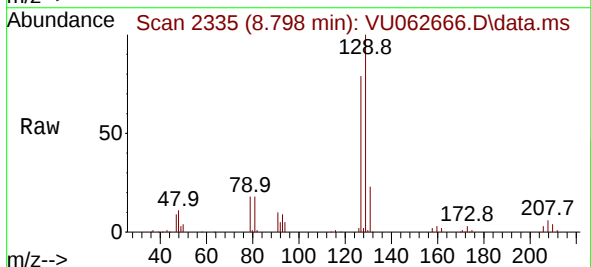
Acq: 08 Jan 2025 11:30

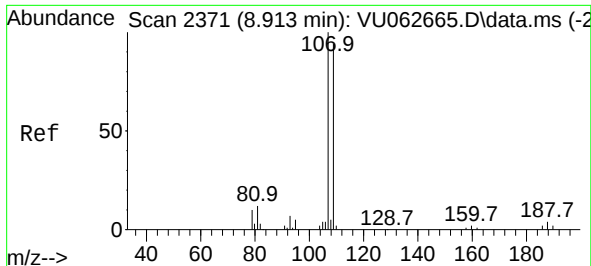
Tgt Ion:129 Resp: 125885

Ion Ratio Lower Upper

129 100

127 79.4 55.2 102.6

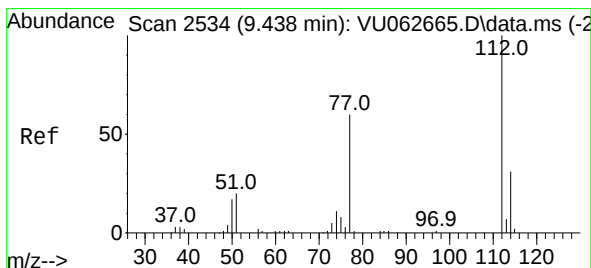
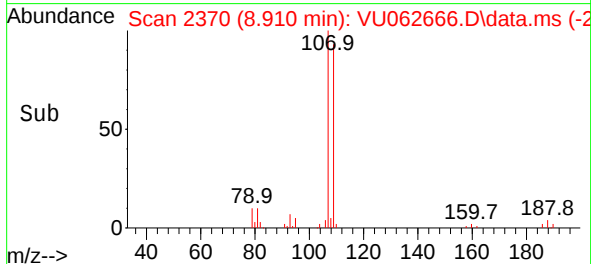
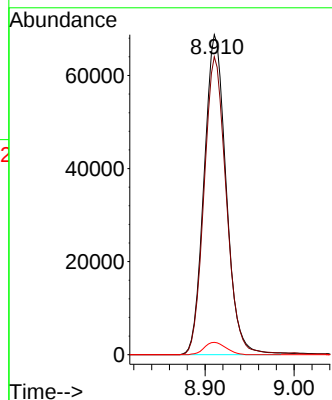
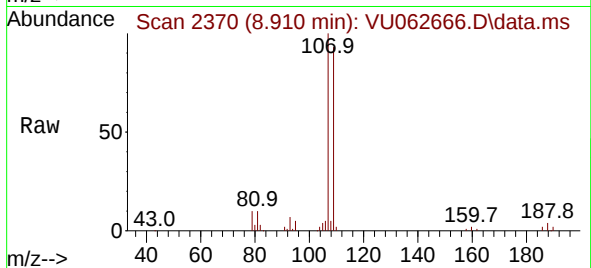




#50
1,2-Dibromoethane
Concen: 101.045 ug/L
RT: 8.910 min Scan# 2371
Delta R.T. -0.003 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

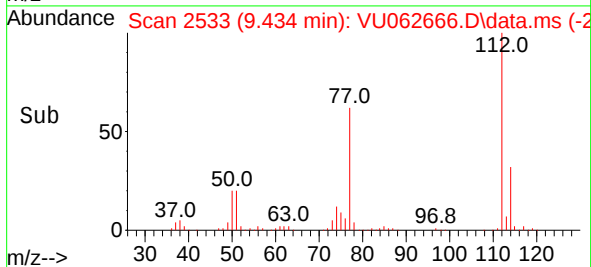
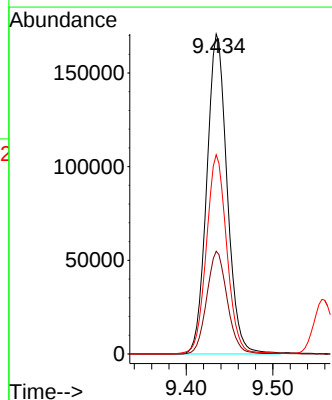
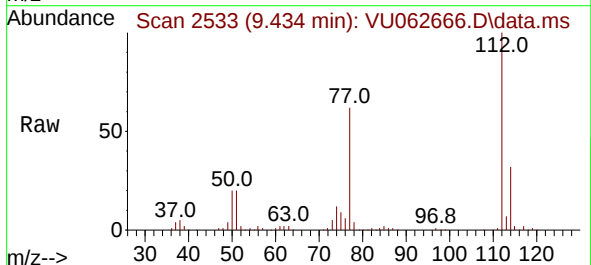
Instrument :
MSVOA_U
ClientSampleId :

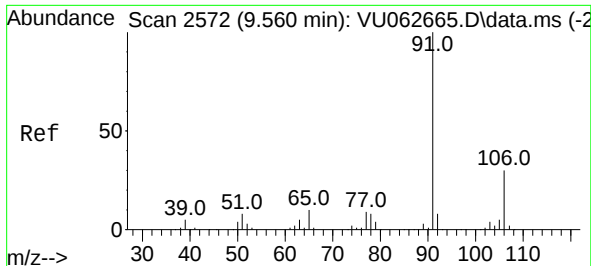
Tgt Ion:107 Resp: 118296
Ion Ratio Lower Upper
107 100
109 93.1 65.8 122.2
188 3.9 2.9 4.3



#51
Chlorobenzene
Concen: 99.578 ug/L
RT: 9.434 min Scan# 2533
Delta R.T. -0.003 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

Tgt Ion:112 Resp: 278731
Ion Ratio Lower Upper
112 100
114 32.1 21.7 40.3
77 62.2 48.7 73.1





#52

Ethylbenzene

Concen: 103.597 ug/L

RT: 9.560 min Scan# 2572

Delta R.T. 0.000 min

Lab File: VU062666.D

Acq: 08 Jan 2025 11:30

Instrument :

MSVOA_U

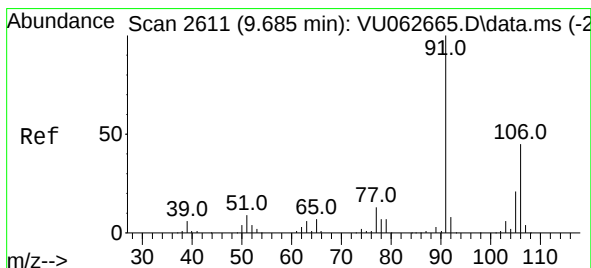
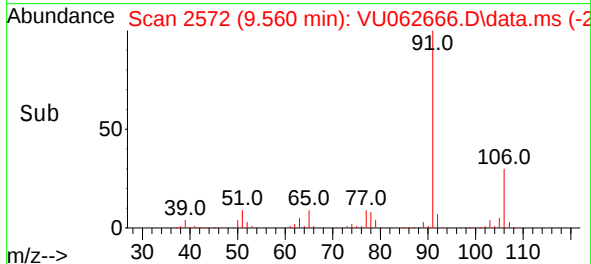
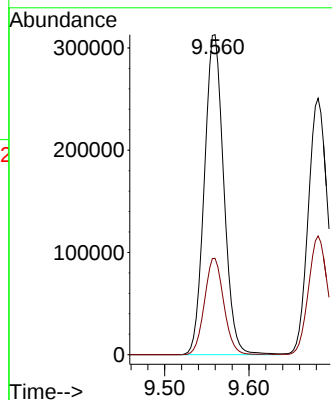
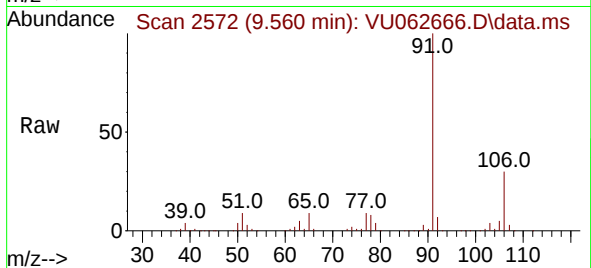
ClientSampleId :

Tgt Ion: 91 Resp: 502026

Ion Ratio Lower Upper

91 100

106 30.1 20.9 38.9



#53

m,p-Xylene

Concen: 105.287 ug/L

RT: 9.682 min Scan# 2610

Delta R.T. -0.003 min

Lab File: VU062666.D

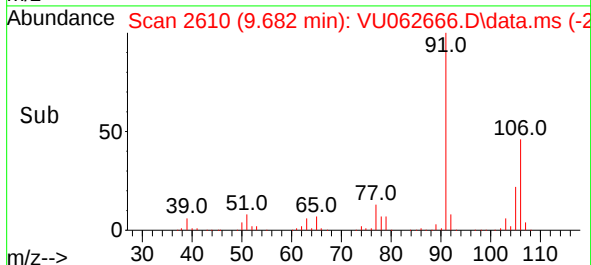
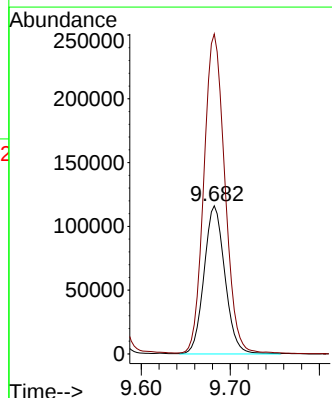
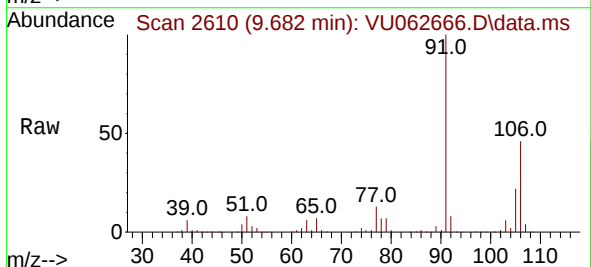
Acq: 08 Jan 2025 11:30

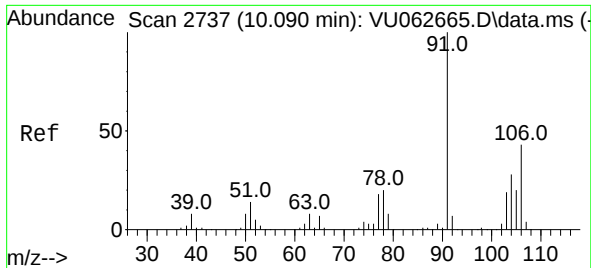
Tgt Ion:106 Resp: 188698

Ion Ratio Lower Upper

106 100

91 216.1 155.2 288.2

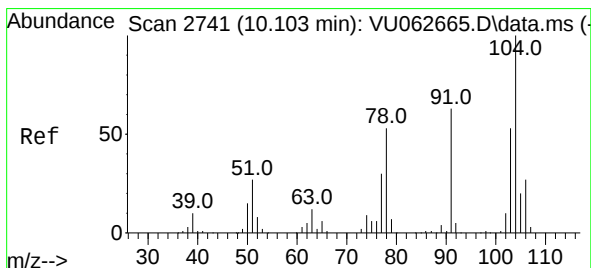
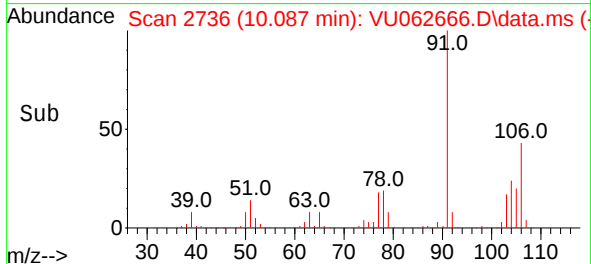
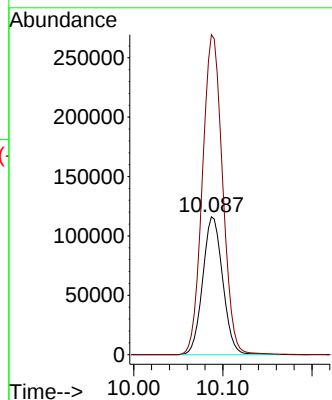
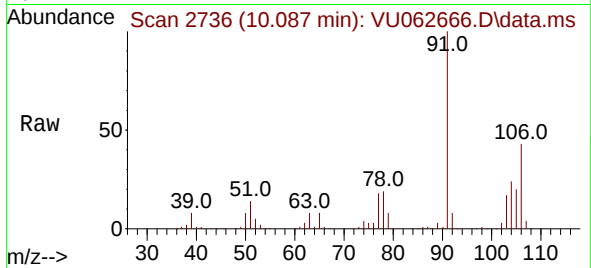




#54
o-Xylene
Concen: 102.789 ug/L
RT: 10.087 min Scan# 2736
Delta R.T. -0.003 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

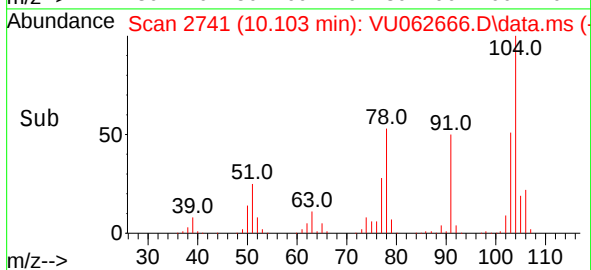
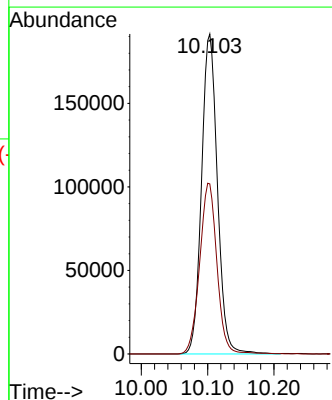
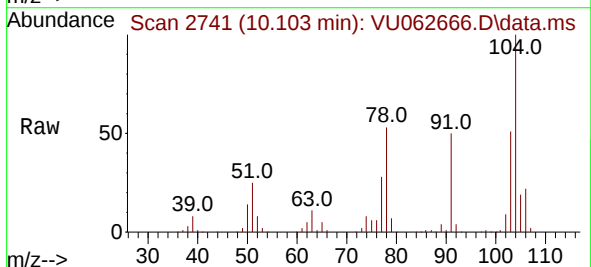
Instrument :
MSVOA_U
ClientSampleId :

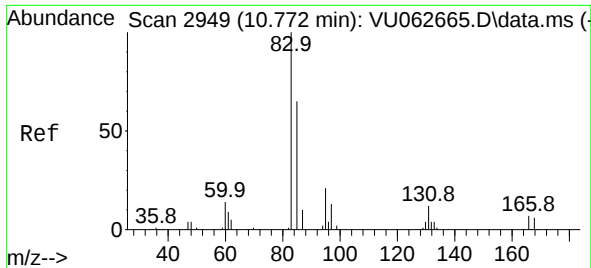
Tgt Ion:106 Resp: 180812
Ion Ratio Lower Upper
106 100
91 231.9 163.4 303.4



#55
Styrene
Concen: 107.582 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

Tgt Ion:104 Resp: 318510
Ion Ratio Lower Upper
104 100
78 53.2 37.4 69.4





#57

1,1,2,2-Tetrachloroethane

Concen: 93.800 ug/L

RT: 10.769 min Scan# 2948

Delta R.T. -0.003 min

Lab File: VU062666.D

Acq: 08 Jan 2025 11:30

Instrument :

MSVOA_U

ClientSampleId :

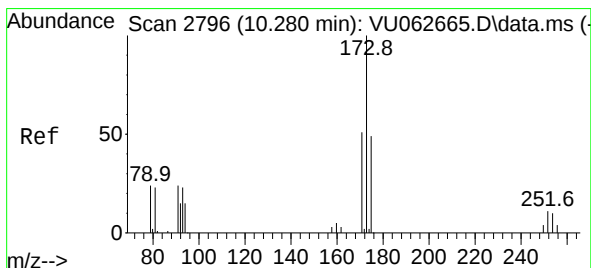
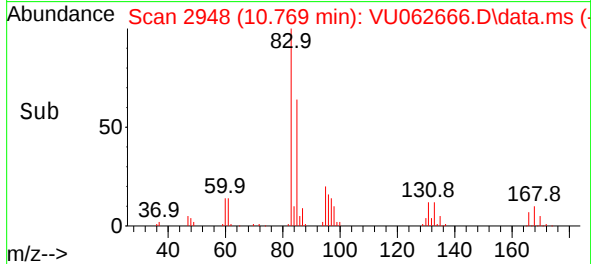
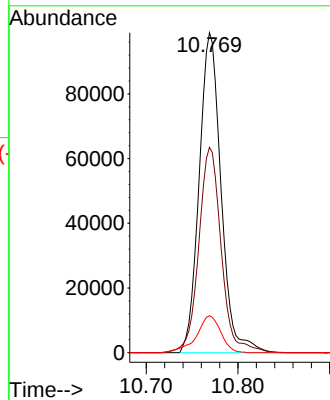
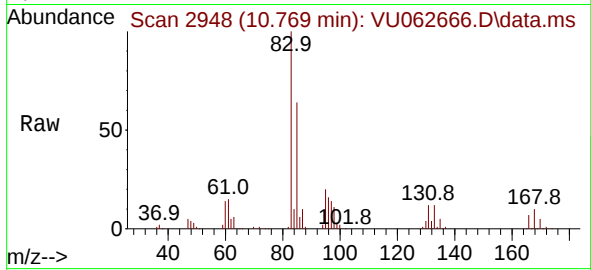
Tgt Ion: 83 Resp: 163975

Ion Ratio Lower Upper

83 100

85 64.2 46.5 86.5

131 11.6 10.1 15.1



#59

Bromoform

Concen: 108.609 ug/L

RT: 10.277 min Scan# 2795

Delta R.T. -0.003 min

Lab File: VU062666.D

Acq: 08 Jan 2025 11:30

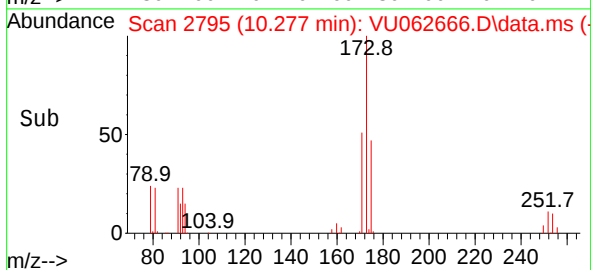
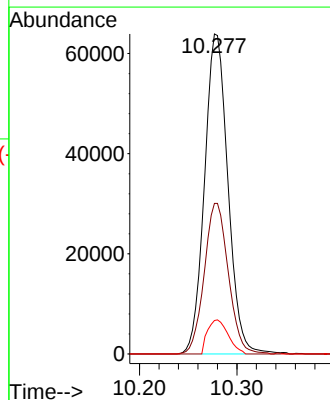
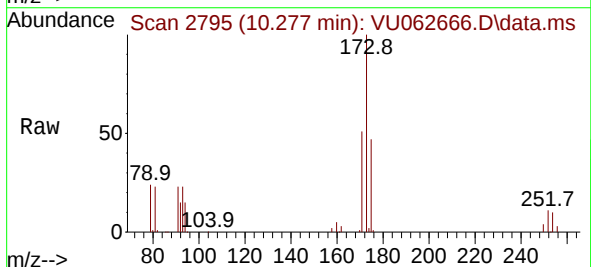
Tgt Ion:173 Resp: 106753

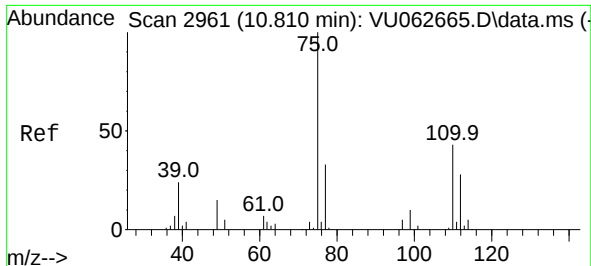
Ion Ratio Lower Upper

173 100

175 48.3 38.8 58.2

254 9.4 7.2 10.8





#60

1,2,3-Trichloropropane

Concen: 88.918 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. 0.000 min

Lab File: VU062666.D

Acq: 08 Jan 2025 11:30

Instrument :

MSVOA_U

ClientSampleId :

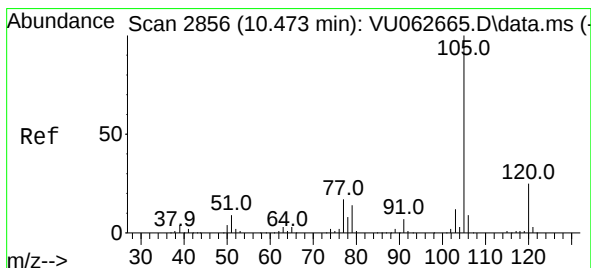
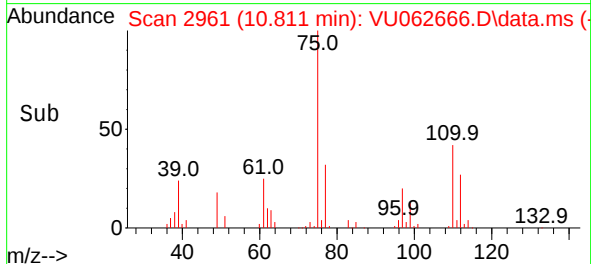
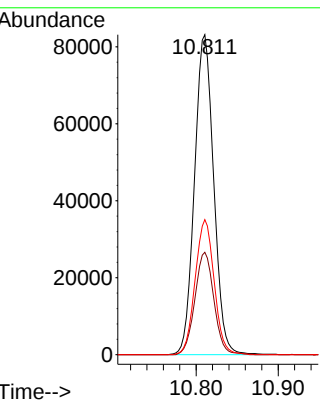
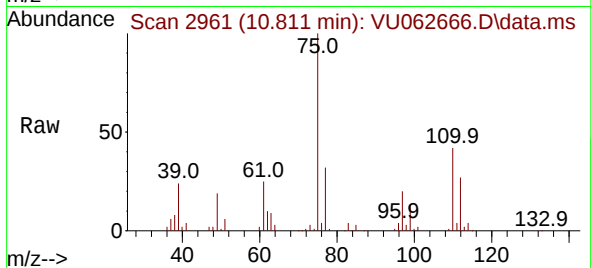
Tgt Ion: 75 Resp: 135583

Ion Ratio Lower Upper

75 100

77 31.7 26.6 40.0

110 41.8 34.6 52.0



#61

Isopropylbenzene

Concen: 100.171 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU062666.D

Acq: 08 Jan 2025 11:30

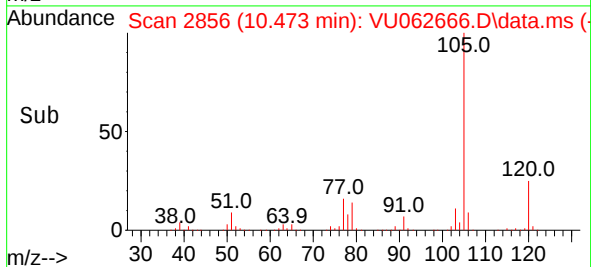
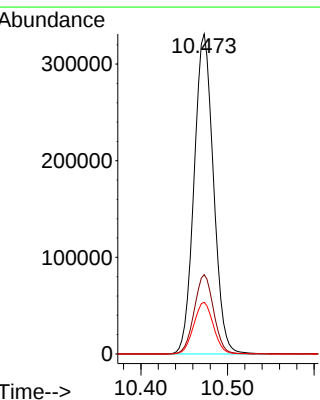
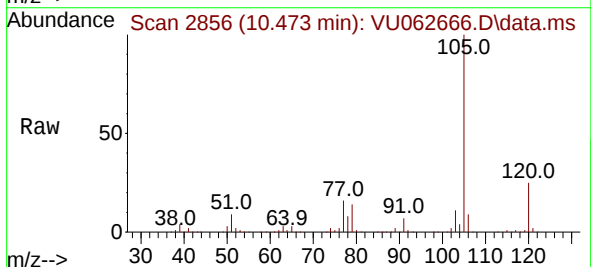
Tgt Ion:105 Resp: 514706

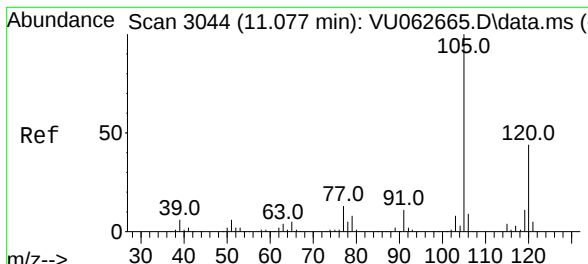
Ion Ratio Lower Upper

105 100

120 24.8 20.1 30.1

77 16.4 13.3 19.9

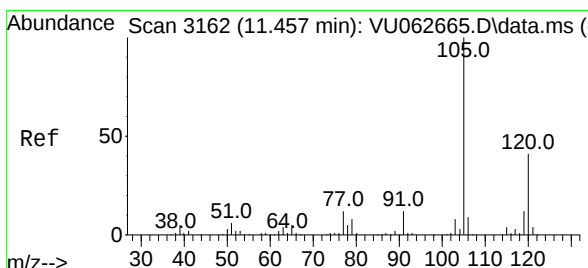
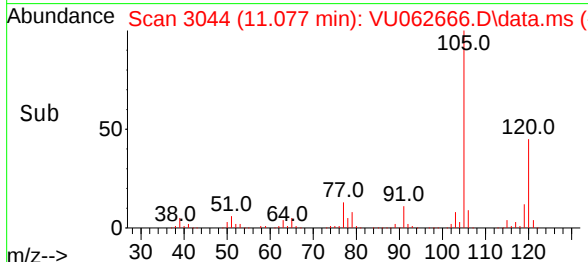
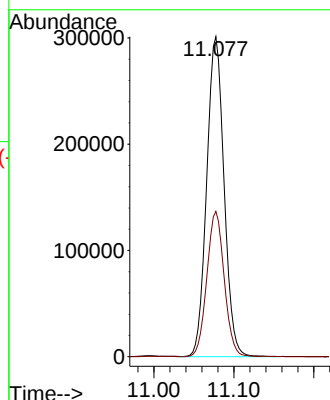
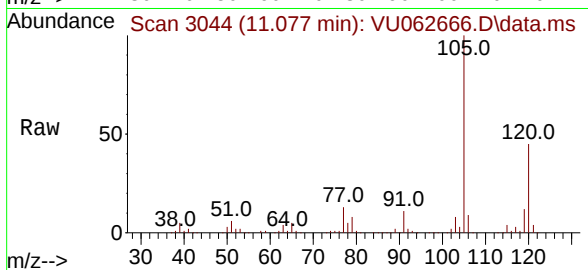




#62
 1,3,5-Trimethylbenzene
 Concen: 103.407 ug/L
 RT: 11.077 min Scan# 3044
 Delta R.T. 0.000 min
 Lab File: VU062666.D
 Acq: 08 Jan 2025 11:30

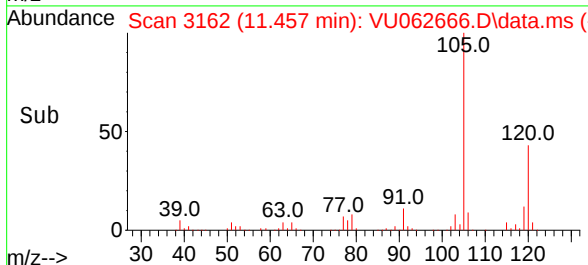
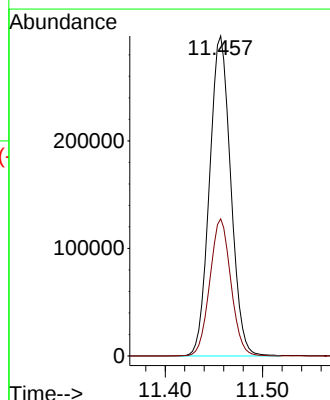
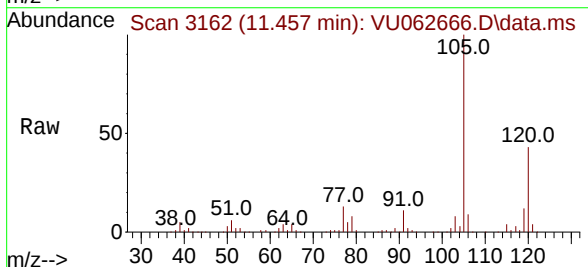
Instrument :
 MSVOA_U
 ClientSampleId :

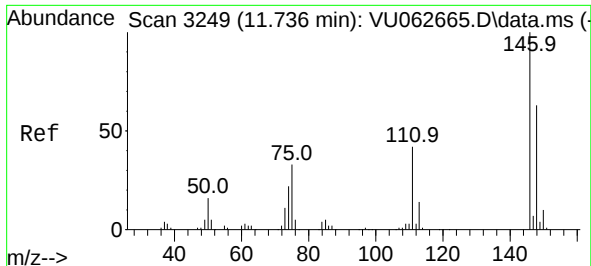
Tgt Ion:105 Resp: 456055
 Ion Ratio Lower Upper
 105 100
 120 45.3 36.0 54.0



#63
 1,2,4-Trimethylbenzene
 Concen: 106.475 ug/L
 RT: 11.457 min Scan# 3162
 Delta R.T. 0.000 min
 Lab File: VU062666.D
 Acq: 08 Jan 2025 11:30

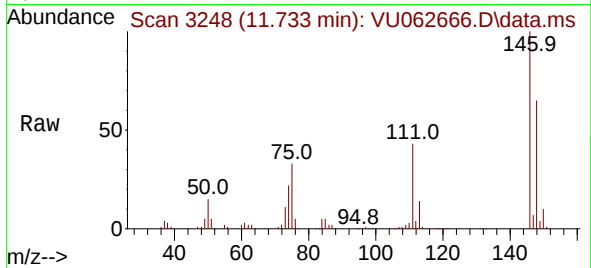
Tgt Ion:105 Resp: 450653
 Ion Ratio Lower Upper
 105 100
 120 42.4 33.7 50.5



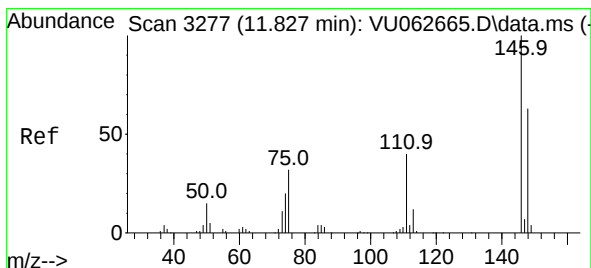
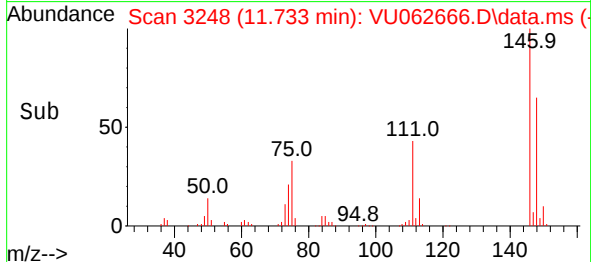
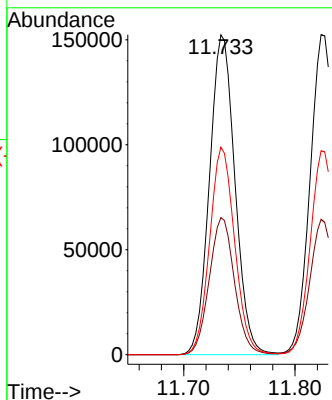


#64
1,3-Dichlorobenzene
Concen: 101.455 ug/L
RT: 11.733 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

Instrument :
MSVOA_U
ClientSampleId :

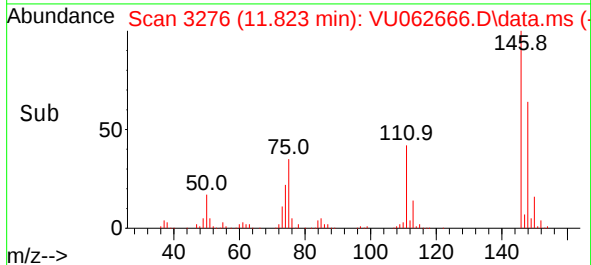
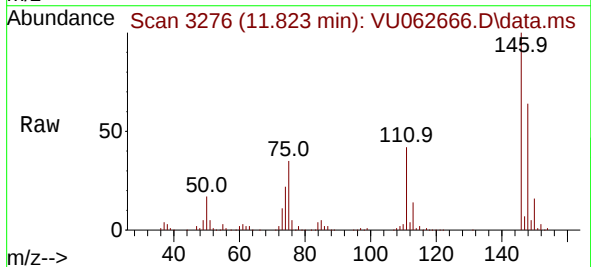
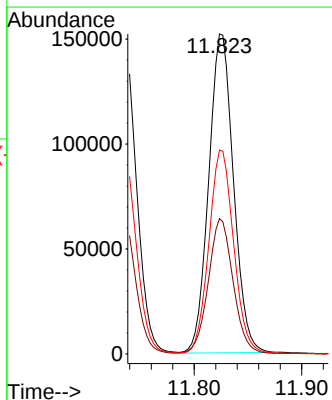


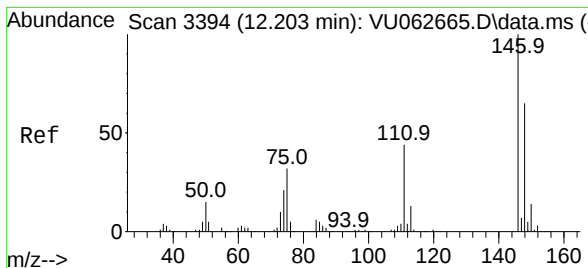
Tgt Ion:146 Resp: 242806
Ion Ratio Lower Upper
146 100
111 42.9 29.7 55.1
148 64.9 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 99.799 ug/L
RT: 11.823 min Scan# 3276
Delta R.T. -0.003 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

Tgt Ion:146 Resp: 242868
Ion Ratio Lower Upper
146 100
111 42.3 28.3 52.7
148 63.7 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 101.327 ug/L

RT: 12.200 min Scan# 3394

Delta R.T. -0.003 min

Lab File: VU062666.D

Acq: 08 Jan 2025 11:30

Instrument :

MSVOA_U

ClientSampleId :

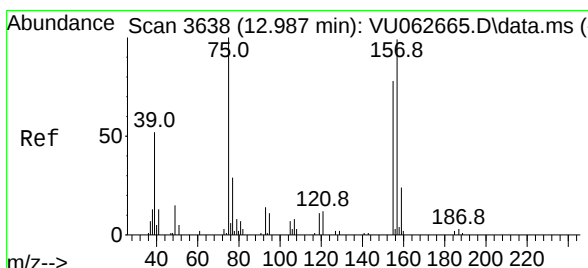
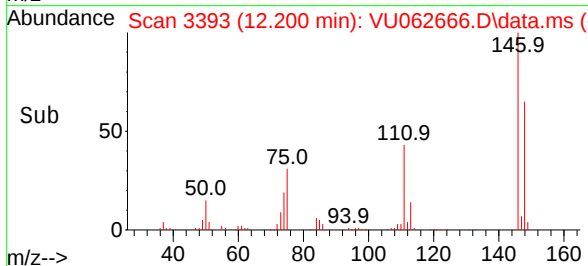
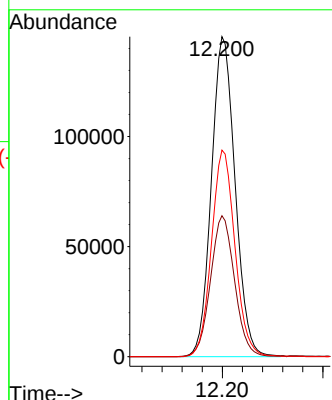
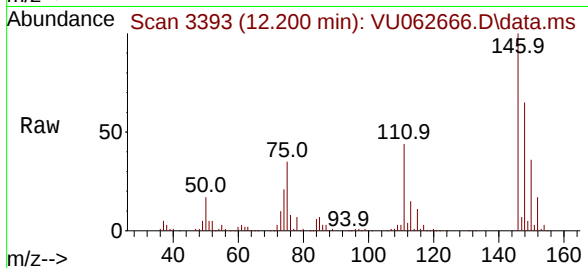
Tgt Ion:146 Resp: 238160

Ion Ratio Lower Upper

146 100

111 44.0 35.6 53.4

148 64.6 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 100.495 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VU062666.D

Acq: 08 Jan 2025 11:30

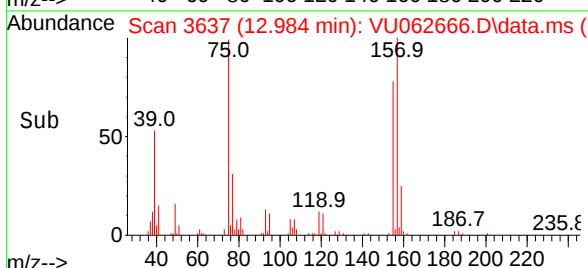
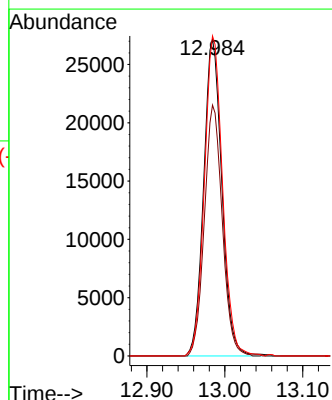
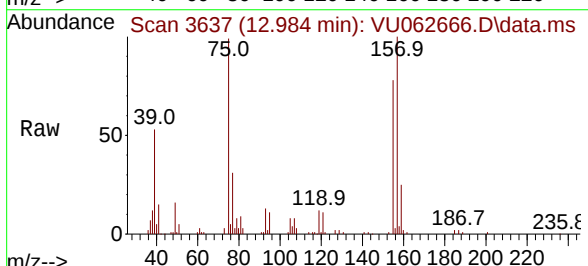
Tgt Ion: 75 Resp: 44106

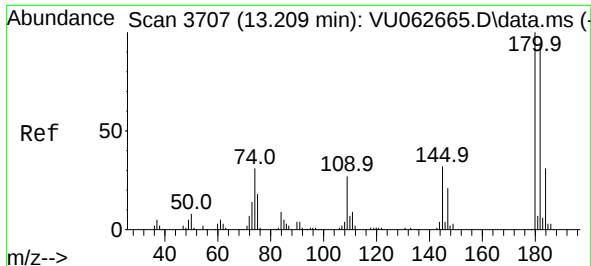
Ion Ratio Lower Upper

75 100

155 79.2 62.0 93.0

157 105.3 82.1 123.1





#69

1,3,5-Trichlorobenzene

Concen: 103.287 ug/L

RT: 13.209 min Scan# 31

Delta R.T. 0.000 min

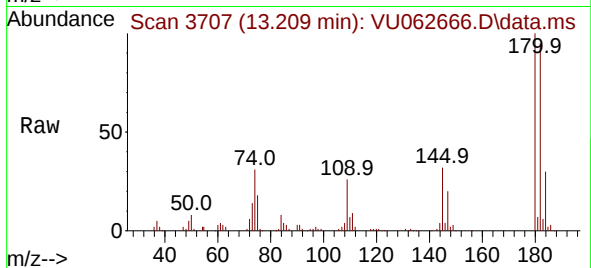
Lab File: VU062666.D

Acq: 08 Jan 2025 11:30

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 173462

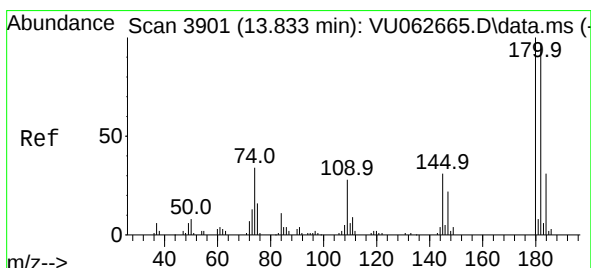
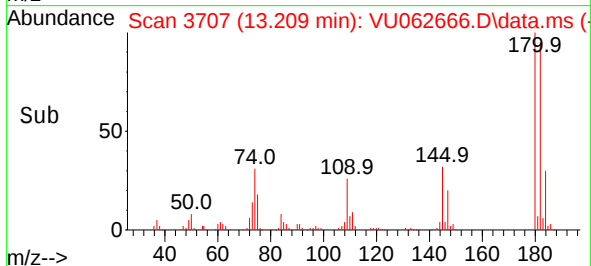
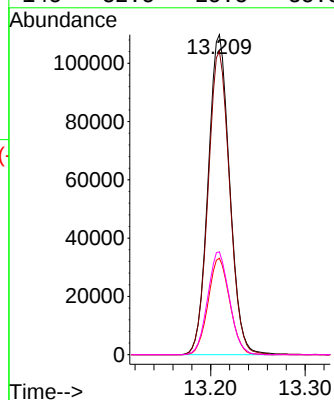
Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

184 30.4 24.5 36.7

145 32.5 25.8 38.8



#70

1,2,4-trichlorobenzene

Concen: 102.295 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.003 min

Lab File: VU062666.D

Acq: 08 Jan 2025 11:30

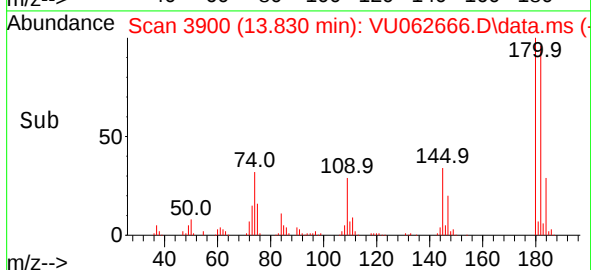
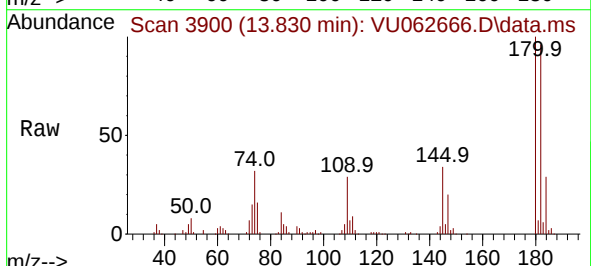
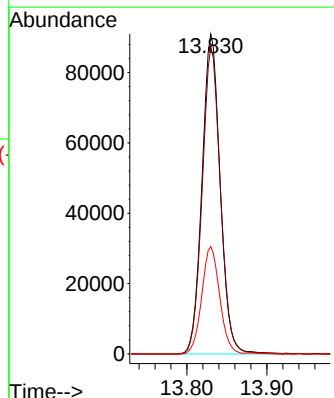
Tgt Ion:180 Resp: 143942

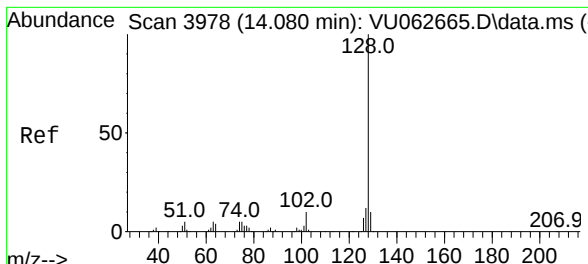
Ion Ratio Lower Upper

180 100

182 96.0 75.6 113.4

145 33.1 25.6 38.4

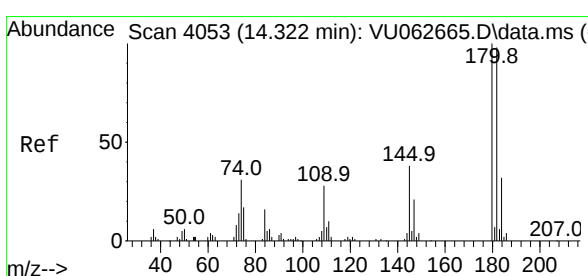
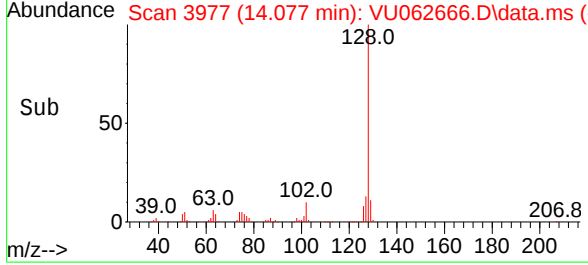
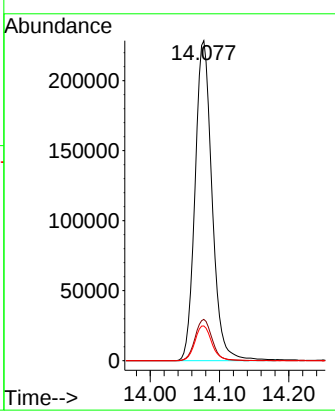
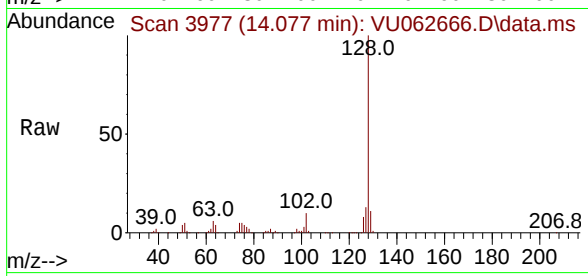




#71
Naphthalene
Concen: 105.083 ug/L
RT: 14.077 min Scan# 3977
Delta R.T. -0.003 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	128	Resp:	389734
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.2
129	10.9	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 100.184 ug/L
RT: 14.318 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU062666.D
Acq: 08 Jan 2025 11:30

Tgt Ion:	180	Resp:	133923
Ion Ratio	Lower	Upper	
180	100		
182	96.0	79.0	118.4
145	36.3	29.5	44.3

