

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010225\
 Data File : VU062648.D
 Acq On : 02 Jan 2025 10:31
 Operator : MD/SY
 Sample : VSTD001
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 03 00:24:19 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	6.239	114	99421	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	91745	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	47188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	4725	0.727	ug/L	0.00
7) Chloroethane-d5	1.901	69	3878	0.815	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	2582	0.824	ug/L	0.00
20) 2-Butanone-d5	4.634	46	7797	6.172	ug/L	0.02
24) Chloroform-d	5.049	84	11390	0.785	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	6319	0.873	ug/L	0.00
32) Benzene-d6	5.718	84	20201	0.778	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	5198	0.703	ug/L	0.00
41) Toluene-d8	7.891	98	19540	0.795	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	2506	0.754	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	8054	7.959	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	4508	0.776	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	6680	0.771	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	9232	0.983	ug/L	100
3) Chloromethane	1.512	50	6281	0.884	ug/L	97
5) Vinyl chloride	1.596	62	7462	0.996	ug/L	98
6) Bromomethane	1.846	94	4887	0.950	ug/L	75
8) Chloroethane	1.920	64	4005	0.940	ug/L	91
9) Trichlorofluoromethane	2.129	101	14032	1.045	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	6870	0.953	ug/L	98
12) 1,1-Dichloroethene	2.570	96	5979	0.900	ug/L	95
13) Acetone	2.625	43	8436	9.850	ug/L	100
14) Carbon disulfide	2.782	76	19030	0.911	ug/L	99
15) Methyl Acetate	2.946	43	1562	0.726	ug/L #	87
16) Methylene chloride	3.030	84	6268	0.903	ug/L	96
17) Methyl tert-butyl Ether	3.351	73	16414	0.988	ug/L	97
18) trans-1,2-Dichloroethene	3.342	96	6003	0.875	ug/L	99
19) 1,1-Dichloroethane	3.853	63	11173	0.892	ug/L	97
21) 2-Butanone	4.711	43	9845	8.012	ug/L	90
22) cis-1,2-Dichloroethene	4.653	96	6734	0.879	ug/L	97
23) Bromochloromethane	4.965	128	3396	1.005	ug/L #	74
25) Chloroform	5.078	83	14469	1.021	ug/L	93
27) 1,2-Dichloroethane	5.785	62	9431	1.036	ug/L #	92
29) 1,1,1-Trichloroethane	5.303	97	13721	1.055	ug/L	99
30) Cyclohexane	5.377	56	8807	0.857	ug/L	94
31) Carbon tetrachloride	5.512	117	12878	1.077	ug/L	94
33) Benzene	5.763	78	25525	0.909	ug/L	100
34) Trichloroethene	6.534	95	9371	1.150	ug/L	95
35) Methylcyclohexane	6.753	83	10132	0.856	ug/L	97
37) 1,2-Dichloropropane	6.785	63	5733	0.849	ug/L #	92
38) Bromodichloromethane	7.097	83	9805	1.001	ug/L #	95
39) cis-1,3-Dichloropropene	7.602	75	9986	0.905	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	27792	8.793	ug/L	97
42) Toluene	7.962	91	27298	0.898	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	8278	0.914	ug/L	89

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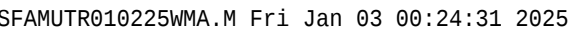
Quant Time: Jan 03 00:24:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 03 00:22:44 2025
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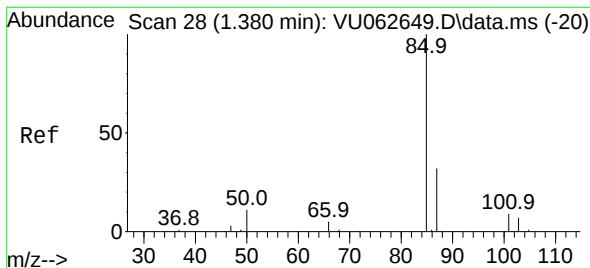
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.390	97	5163	1.003	ug/L	97
47) Tetrachloroethene	8.544	164	5941	0.956	ug/L	94
48) 2-Hexanone	8.682	43	18371	7.934	ug/L	99
49) Dibromochloromethane	8.801	129	6425	1.009	ug/L	99
50) 1,2-Dibromoethane	8.917	107	4723	0.948	ug/L #	93
51) Chlorobenzene	9.441	112	18694	0.958	ug/L	97
52) Ethylbenzene	9.563	91	30829	0.906	ug/L	97
53) m,p-Xylene	9.685	106	11212	0.892	ug/L	100
54) o-Xylene	10.094	106	10684	0.874	ug/L	98
55) Styrene	10.110	104	17029	0.841	ug/L	88
57) 1,1,2,2-Tetrachloroethane	10.775	83	5256	0.881	ug/L #	86
59) Bromoform	10.280	173	4260	1.133	ug/L #	92
60) Isopropylbenzene	10.476	105	30350	0.897	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	4088	0.949	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	25535	0.890	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	23227	0.827	ug/L	96
64) 1,3-Dichlorobenzene	11.737	146	14345	0.918	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	15006	0.958	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	13597	0.944	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.997	75	897	0.927	ug/L	98
69) 1,3,5-Trichlorobenzene	13.216	180	10571	0.906	ug/L	97
70) 1,2,4-trichlorobenzene	13.840	180	7818	0.845	ug/L	98
71) Naphthalene	14.090	128	10224	0.737	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	7387	0.906	ug/L	90

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

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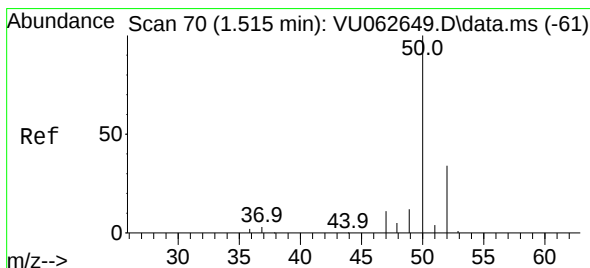
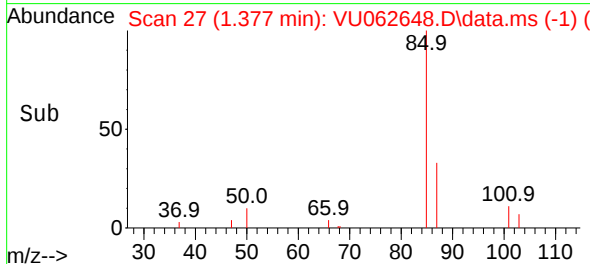
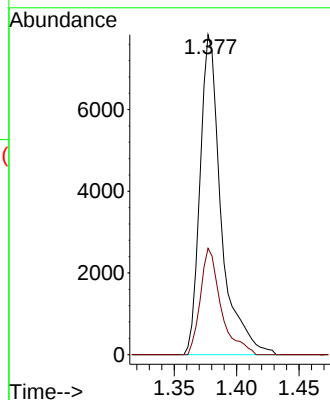
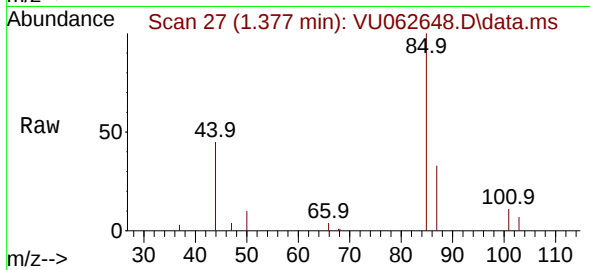




#2
 Dichlorodifluoromethane
 Concen: 0.983 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU062648.D
 Acq: 02 Jan 2025 10:31

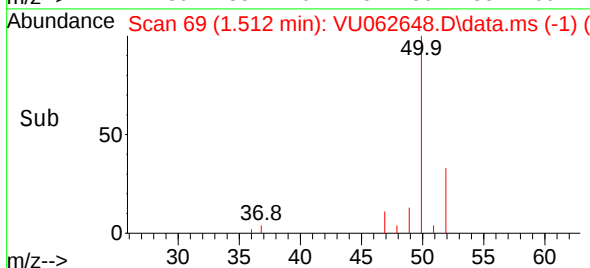
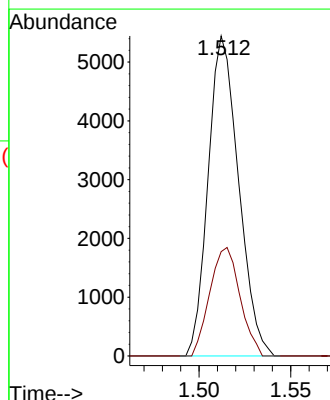
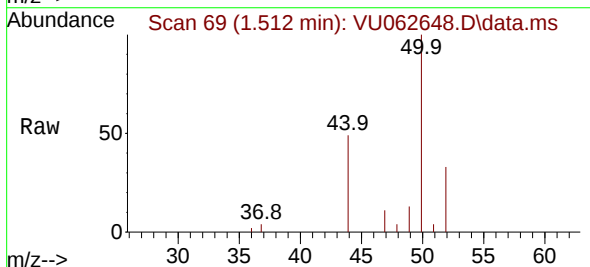
Instrument :
 MSVOA_U
 ClientSampleId :

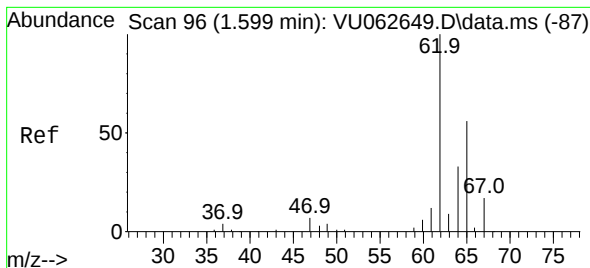
Tgt Ion: 85 Resp: 9232
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.1 39.1



#3
 Chloromethane
 Concen: 0.884 ug/L
 RT: 1.512 min Scan# 69
 Delta R.T. -0.003 min
 Lab File: VU062648.D
 Acq: 02 Jan 2025 10:31

Tgt Ion: 50 Resp: 6281
 Ion Ratio Lower Upper
 50 100
 52 32.6 24.1 44.7





#5

Vinyl chloride

Concen: 0.996 ug/L

RT: 1.596 min Scan# 96

Delta R.T. -0.003 min

Lab File: VU062648.D

Acq: 02 Jan 2025 10:31

Instrument :

MSVOA_U

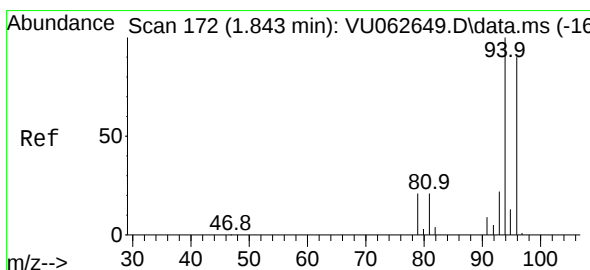
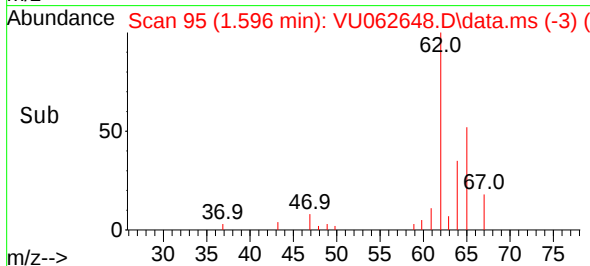
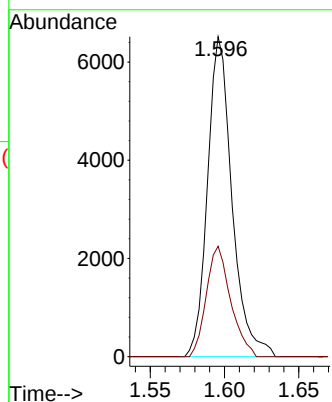
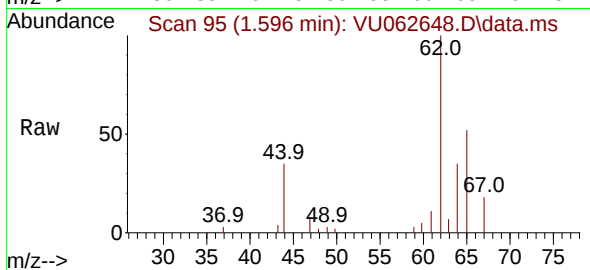
ClientSampleId :

Tgt Ion: 62 Resp: 7462

Ion Ratio Lower Upper

62 100

64 34.5 23.4 43.4



#6

Bromomethane

Concen: 0.950 ug/L

RT: 1.846 min Scan# 173

Delta R.T. 0.003 min

Lab File: VU062648.D

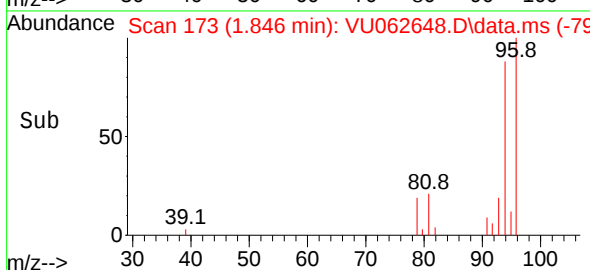
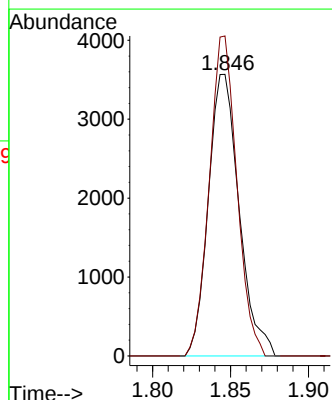
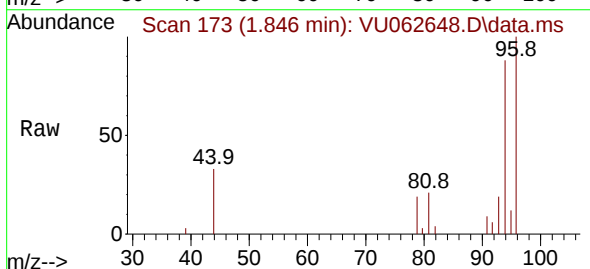
Acq: 02 Jan 2025 10:31

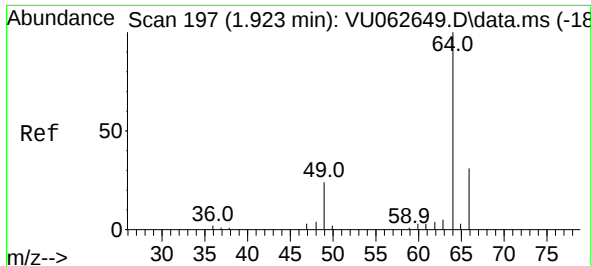
Tgt Ion: 94 Resp: 4887

Ion Ratio Lower Upper

94 100

96 113.6 62.9 116.7

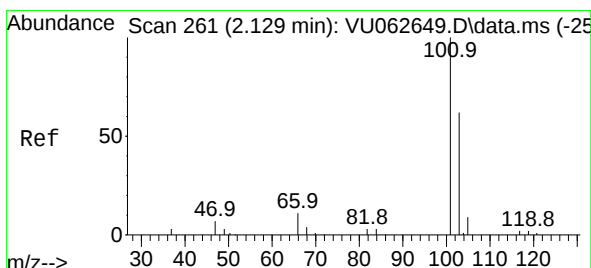
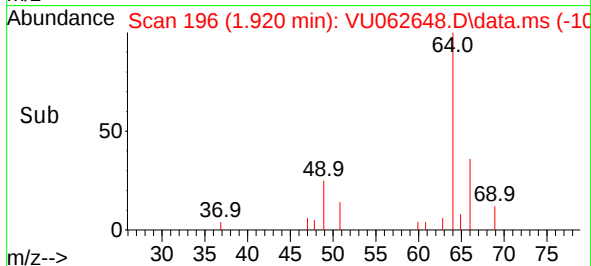
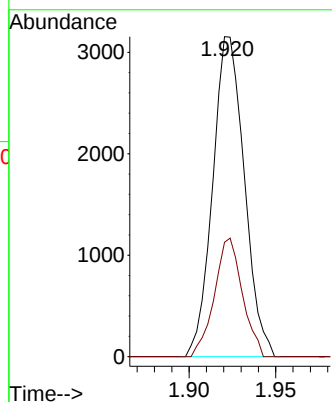
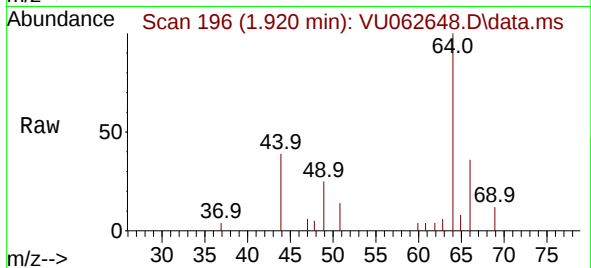




#8
Chloroethane
Concen: 0.940 ug/L
RT: 1.920 min Scan# 196
Delta R.T. -0.003 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

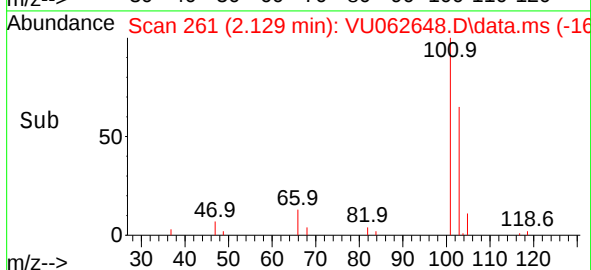
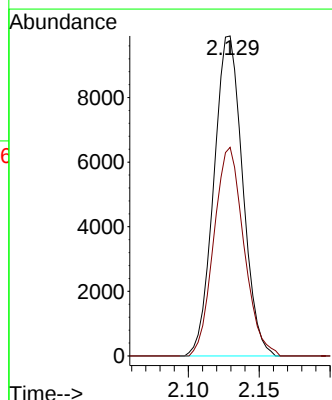
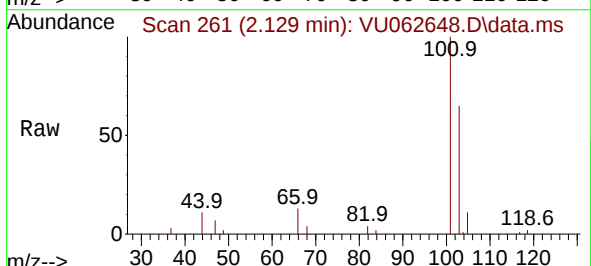
Instrument :
MSVOA_U
ClientSampleId :

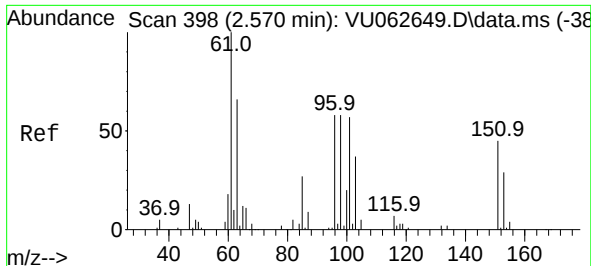
Tgt Ion: 64 Resp: 4005
Ion Ratio Lower Upper
64 100
66 35.8 21.6 40.2



#9
Trichlorofluoromethane
Concen: 1.045 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

Tgt Ion:101 Resp: 14032
Ion Ratio Lower Upper
101 100
103 68.0 51.4 77.0





#10

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

Concen: 0.953 ug/L

RT: 2.567 min Scan# 397

Delta R.T. -0.003 min

Lab File: VU062648.D

Acq: 02 Jan 2025 10:31

Instrument :

MSVOA_U

ClientSampleId :

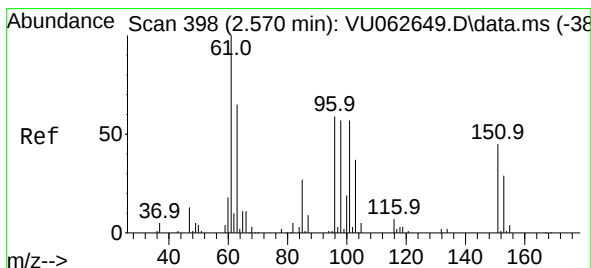
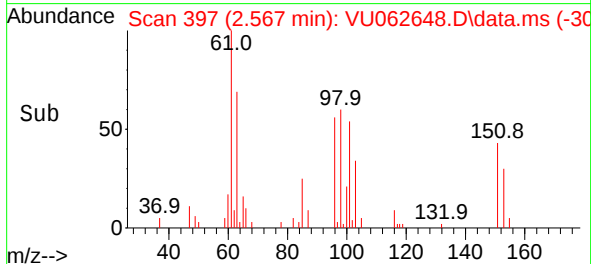
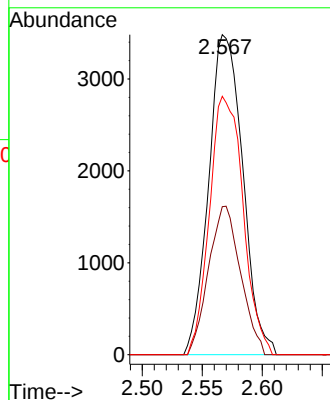
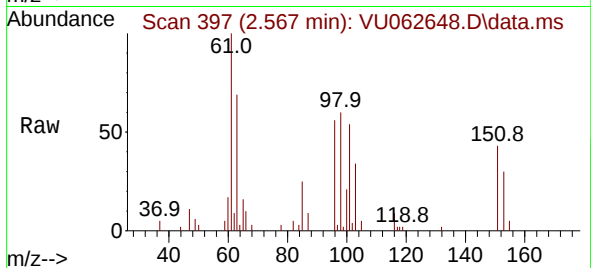
Tgt Ion:101 Resp: 6870

Ion Ratio Lower Upper

101 100

85 43.6 37.0 55.6

151 79.7 64.4 96.6



#12

1,1-Dichloroethene

Concen: 0.900 ug/L

RT: 2.570 min Scan# 398

Delta R.T. 0.000 min

Lab File: VU062648.D

Acq: 02 Jan 2025 10:31

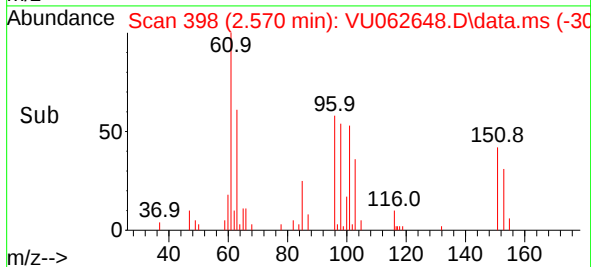
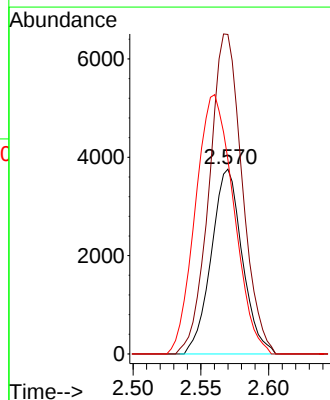
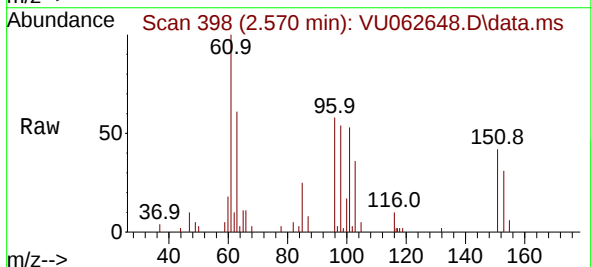
Tgt Ion: 96 Resp: 5979

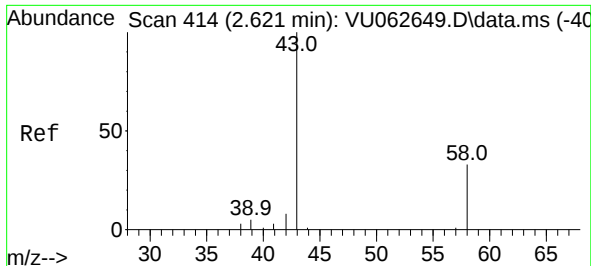
Ion Ratio Lower Upper

96 100

61 172.8 120.4 223.6

63 105.2 82.3 152.9





#13

Acetone

Concen: 9.850 ug/L

RT: 2.625 min Scan# 414

Delta R.T. 0.003 min

Lab File: VU062648.D

Acq: 02 Jan 2025 10:31

Instrument :

MSVOA_U

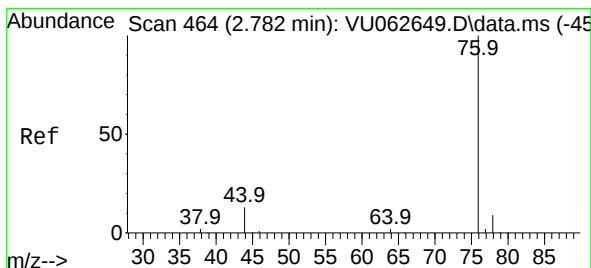
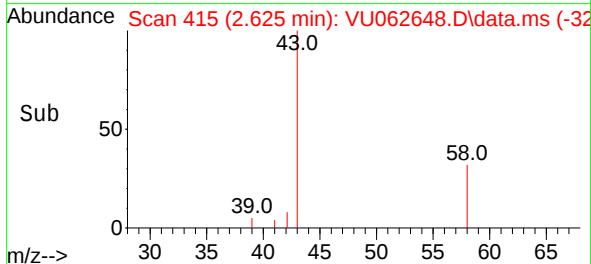
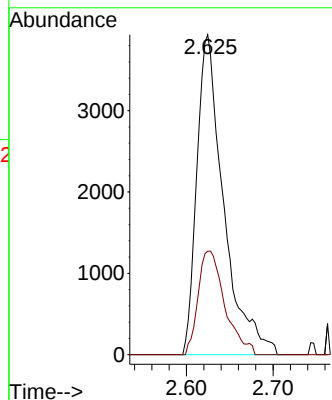
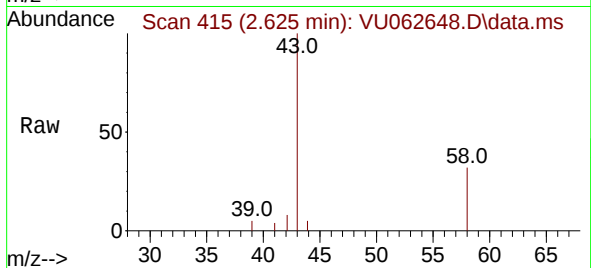
ClientSampleId :

Tgt Ion: 43 Resp: 8436

Ion Ratio Lower Upper

43 100

58 32.3 0.0 64.4



#14

Carbon disulfide

Concen: 0.911 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

Lab File: VU062648.D

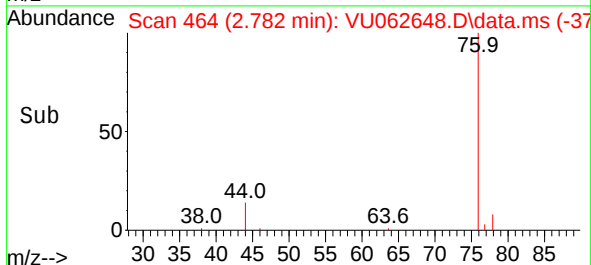
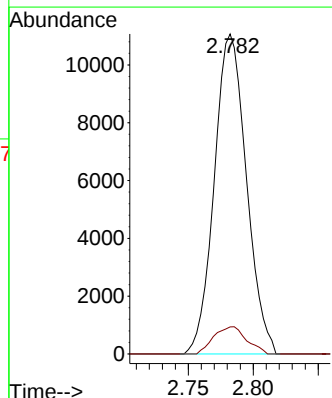
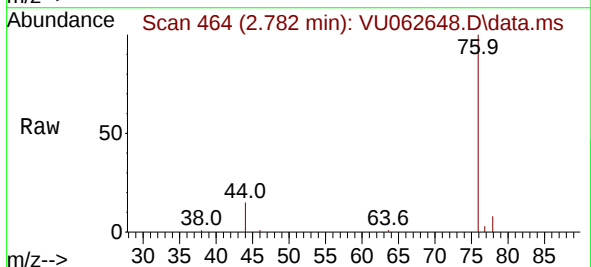
Acq: 02 Jan 2025 10:31

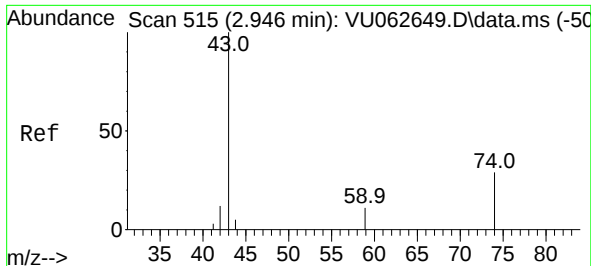
Tgt Ion: 76 Resp: 19030

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.6





#15

Methyl Acetate

Concen: 0.726 ug/L

RT: 2.946 min Scan# 515

Delta R.T. 0.000 min

Lab File: VU062648.D

Acq: 02 Jan 2025 10:31

Instrument :

MSVOA_U

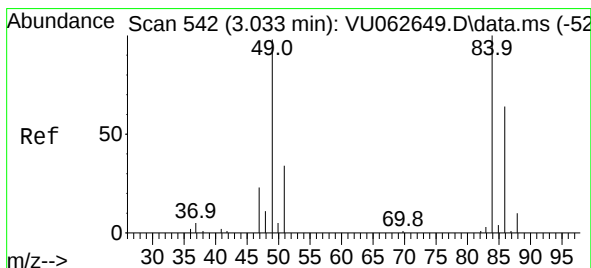
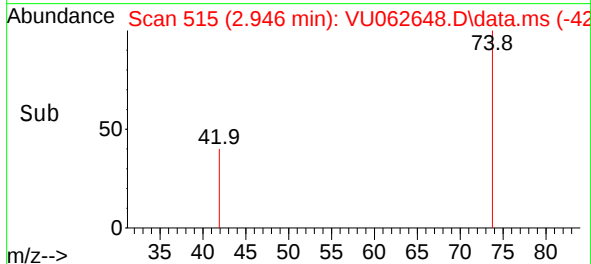
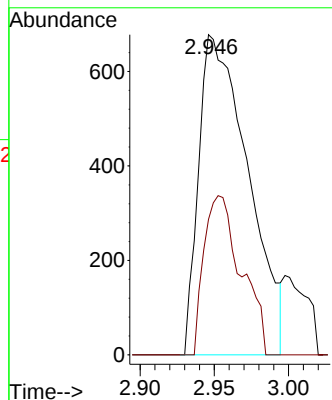
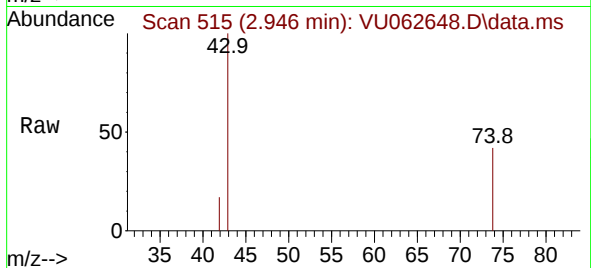
ClientSampleId :

Tgt Ion: 43 Resp: 1562

Ion Ratio Lower Upper

43 100

74 37.5 24.4 36.6#



#16

Methylene chloride

Concen: 0.903 ug/L

RT: 3.030 min Scan# 541

Delta R.T. -0.003 min

Lab File: VU062648.D

Acq: 02 Jan 2025 10:31

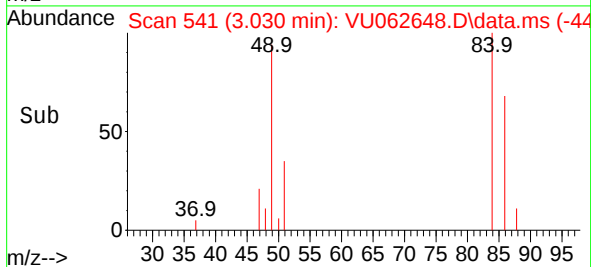
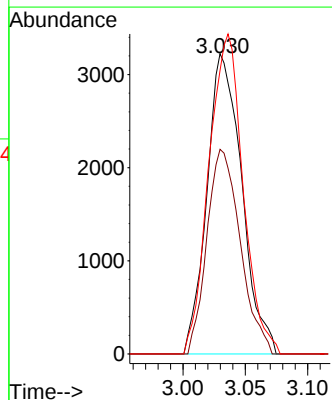
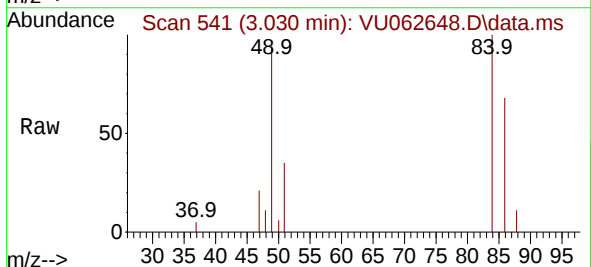
Tgt Ion: 84 Resp: 6268

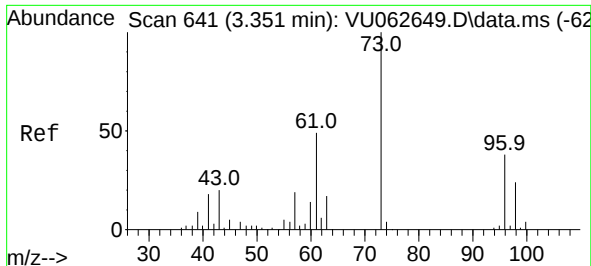
Ion Ratio Lower Upper

84 100

86 68.1 44.7 83.1

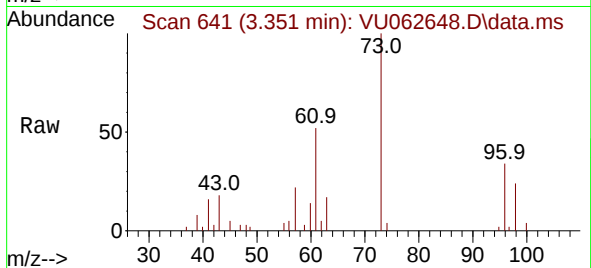
49 94.4 68.3 126.9



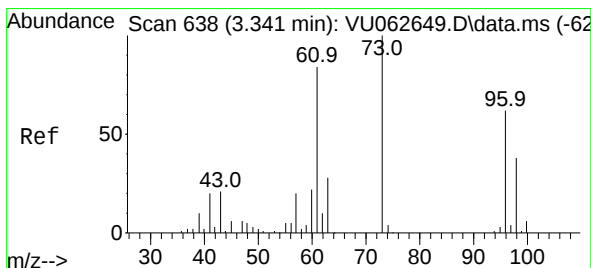
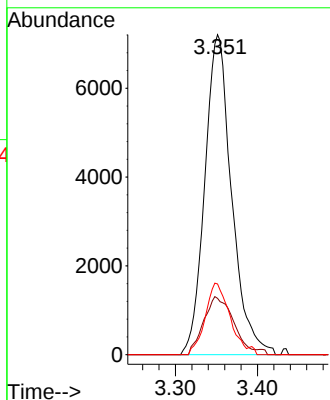
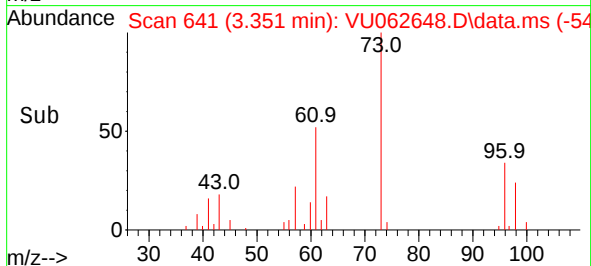


#17
Methyl tert-butyl Ether
Concen: 0.988 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

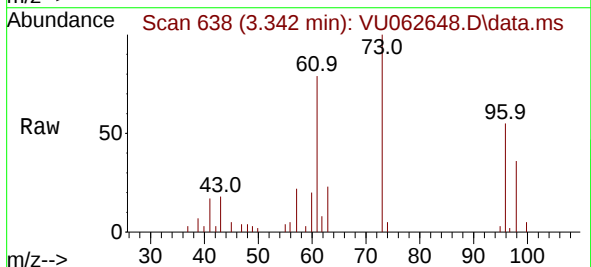
Instrument :
MSVOA_U
ClientSampleId :



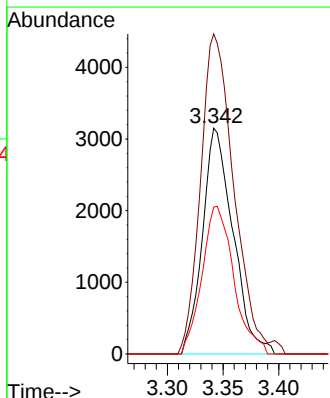
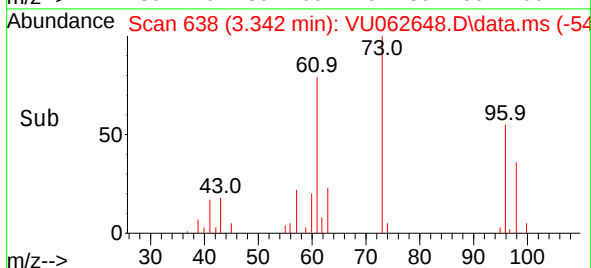
Tgt Ion: 73 Resp: 16414
Ion Ratio Lower Upper
73 100
43 20.1 16.2 24.4
57 20.7 14.6 22.0

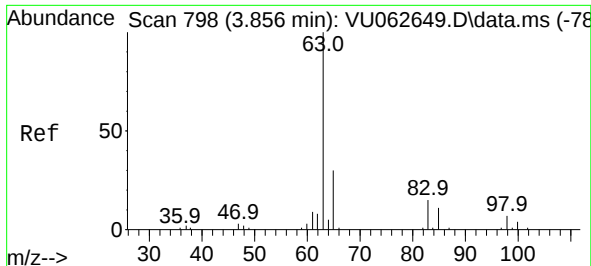


#18
trans-1,2-Dichloroethene
Concen: 0.875 ug/L
RT: 3.342 min Scan# 638
Delta R.T. 0.000 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31



Tgt Ion: 96 Resp: 6003
Ion Ratio Lower Upper
96 100
61 135.7 94.4 175.2
98 62.3 42.8 79.4

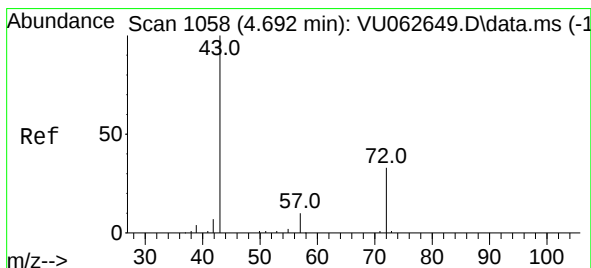
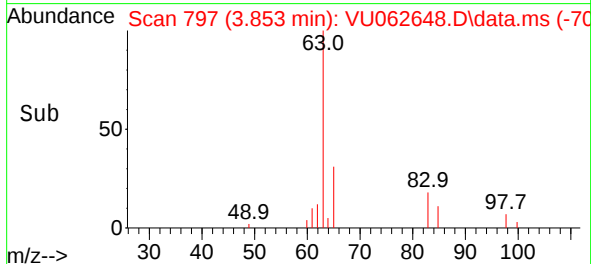
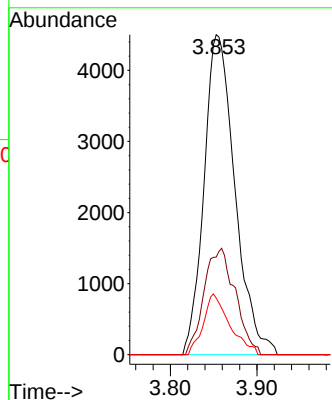
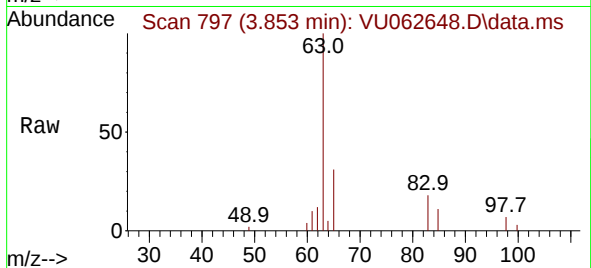




#19
1,1-Dichloroethane
Concen: 0.892 ug/L
RT: 3.853 min Scan# 798
Delta R.T. -0.003 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

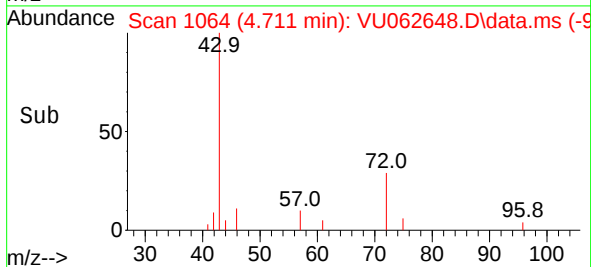
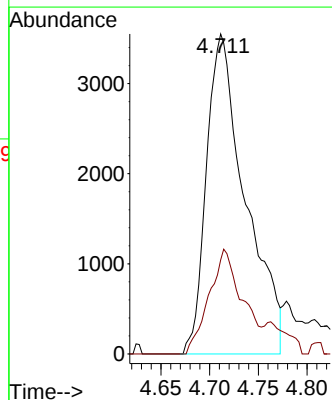
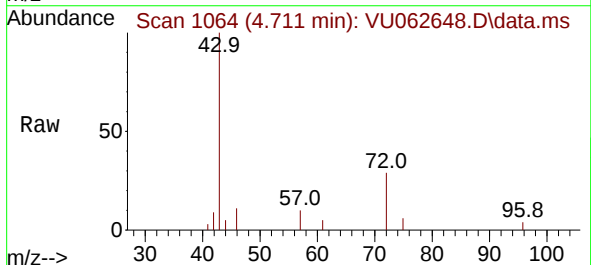
Instrument :
MSVOA_U
ClientSampleId :

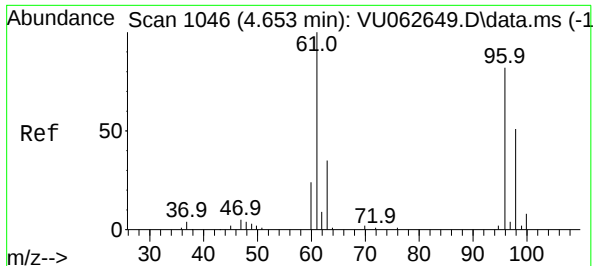
Tgt Ion: 63 Resp: 11173
Ion Ratio Lower Upper
63 100
65 30.5 20.7 38.5
83 17.7 10.5 19.5



#21
2-Butanone
Concen: 8.012 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.020 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

Tgt Ion: 43 Resp: 9845
Ion Ratio Lower Upper
43 100
72 28.1 17.1 51.2

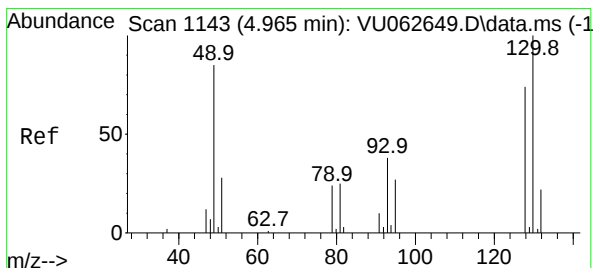
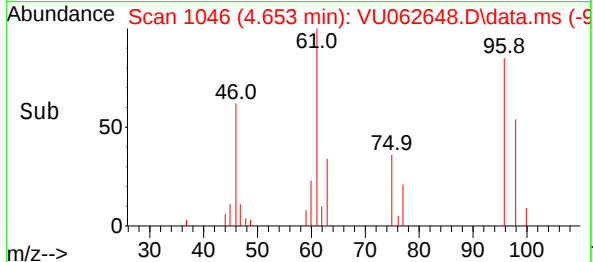
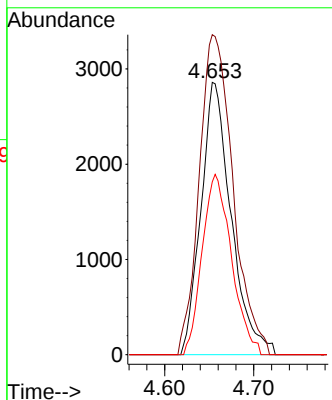
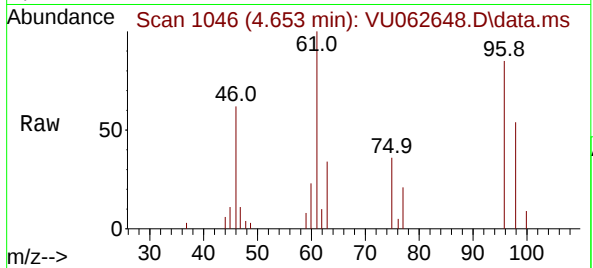




#22
 cis-1,2-Dichloroethene
 Concen: 0.879 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VU062648.D
 Acq: 02 Jan 2025 10:31

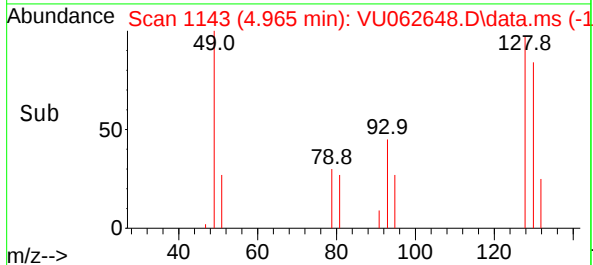
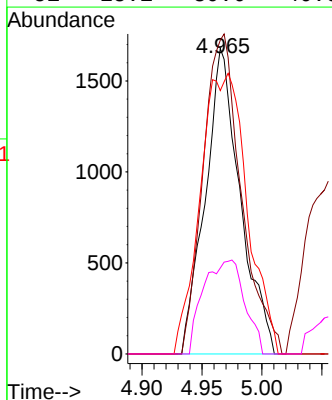
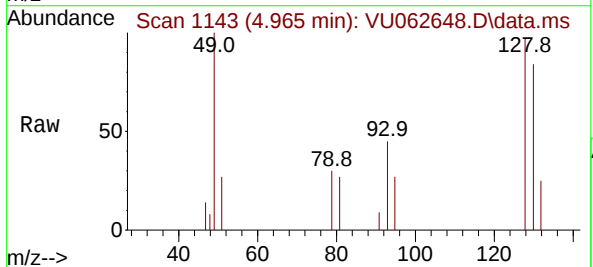
Instrument :
 MSVOA_U
 ClientSampleId :

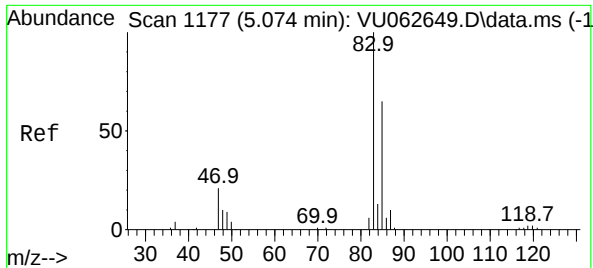
Tgt Ion: 96 Resp: 6734
 Ion Ratio Lower Upper
 96 100
 61 117.5 84.8 157.6
 98 63.5 43.1 80.1



#23
 Bromochloromethane
 Concen: 1.005 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU062648.D
 Acq: 02 Jan 2025 10:31

Tgt Ion:128 Resp: 3396
 Ion Ratio Lower Upper
 128 100
 49 102.7 81.1 150.7
 130 86.2 94.9 176.3#
 51 28.1 30.6 46.0#

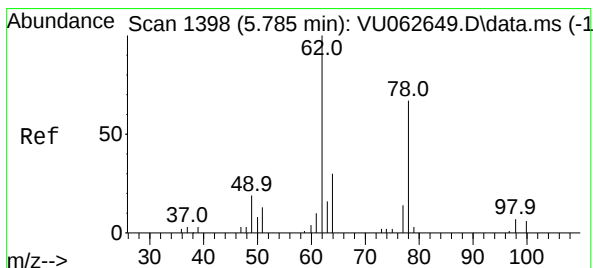
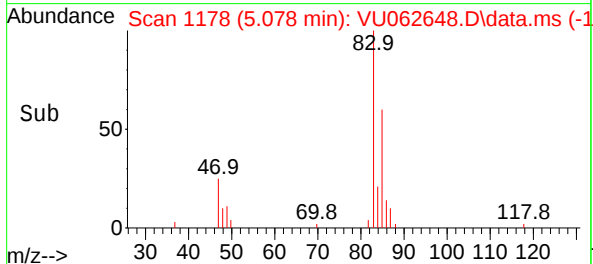
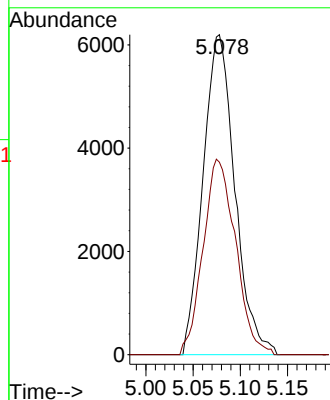
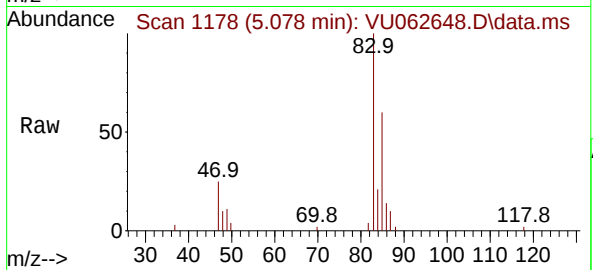




#25
Chloroform
Concen: 1.021 ug/L
RT: 5.078 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

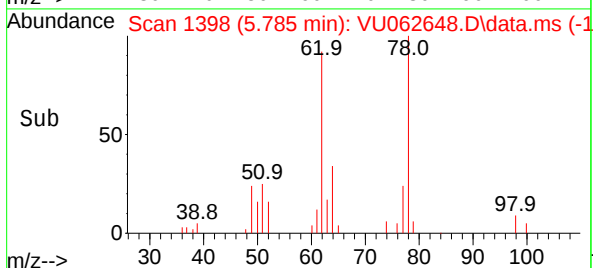
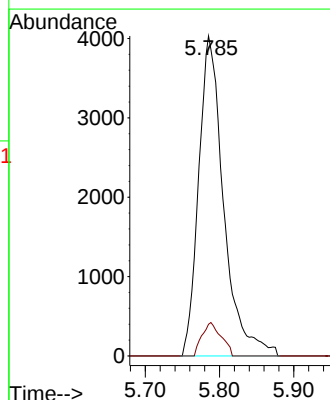
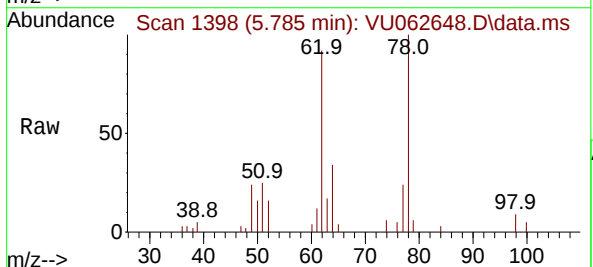
Instrument :
MSVOA_U
ClientSampleId :

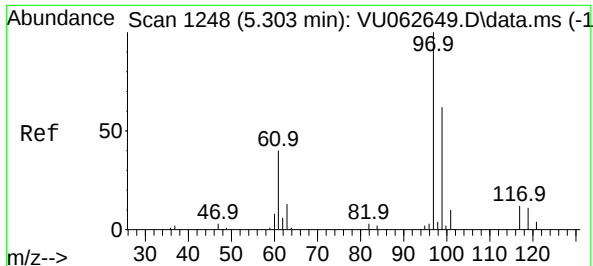
Tgt Ion: 83 Resp: 14469
Ion Ratio Lower Upper
83 100
85 60.2 45.8 85.2



#27
1,2-Dichloroethane
Concen: 1.036 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

Tgt Ion: 62 Resp: 9431
Ion Ratio Lower Upper
62 100
98 9.9 5.8 8.6#

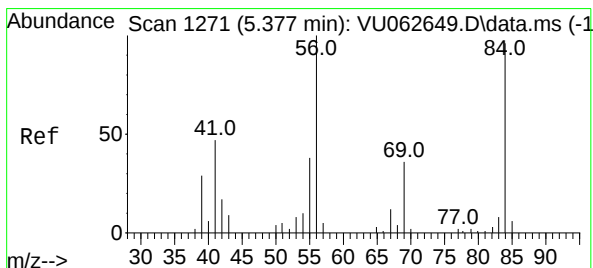
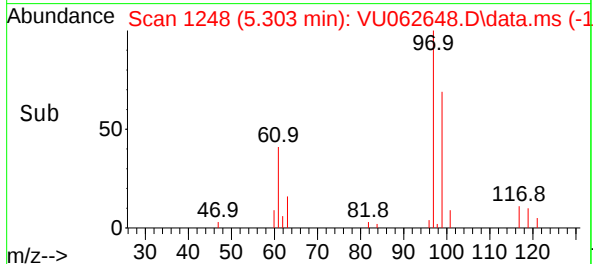
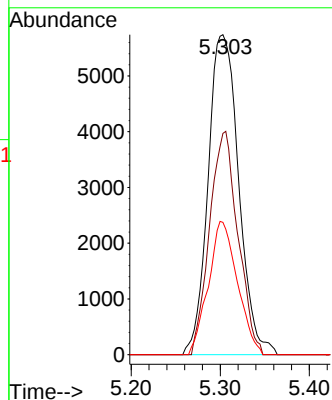
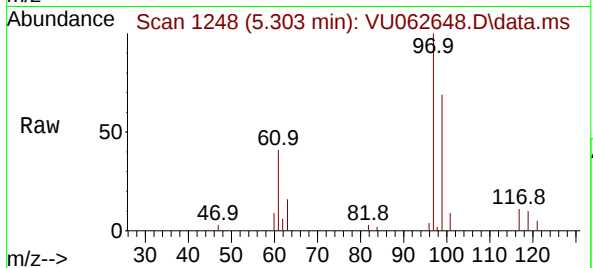




#29
1,1,1-Trichloroethane
Concen: 1.055 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

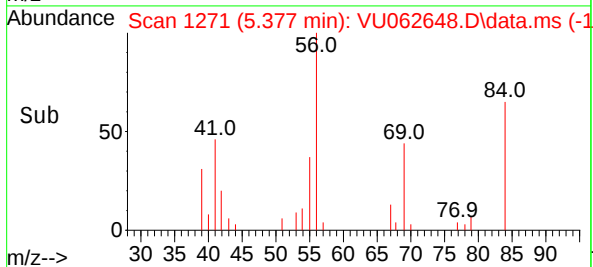
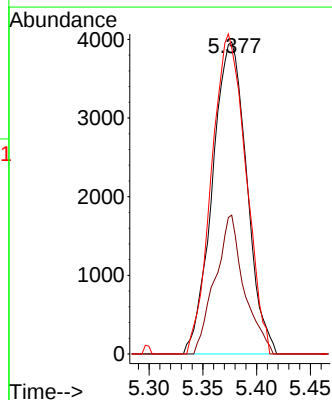
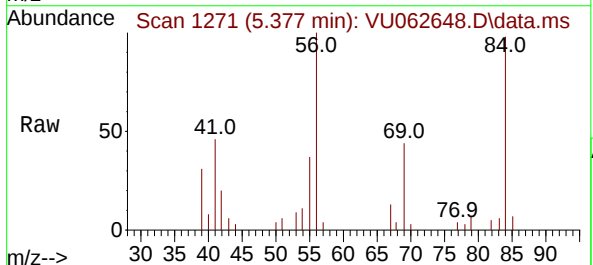
Instrument :
MSVOA_U
ClientSampleId :

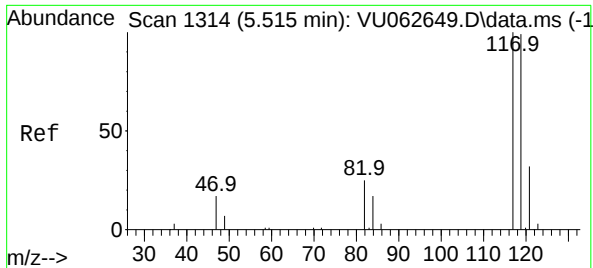
Tgt Ion:	97	Resp:	13721
Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.4	78.6
61	39.5	32.2	48.4



#30
Cyclohexane
Concen: 0.857 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

Tgt Ion:	56	Resp:	8807
Ion	Ratio	Lower	Upper
56	100		
69	37.6	28.3	42.5
84	102.2	76.5	114.7

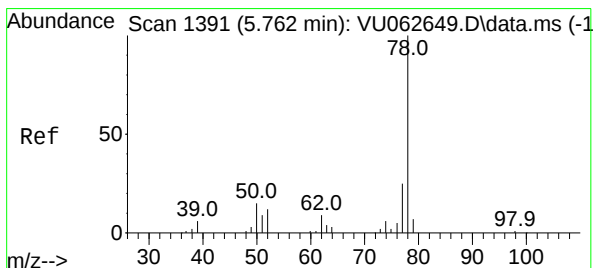
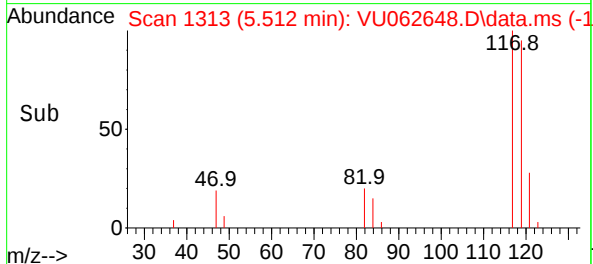
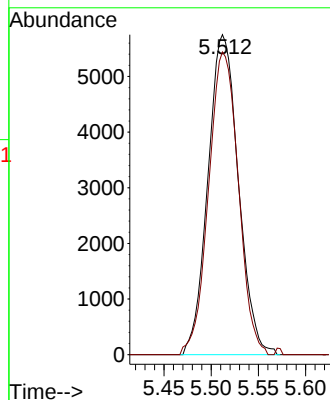
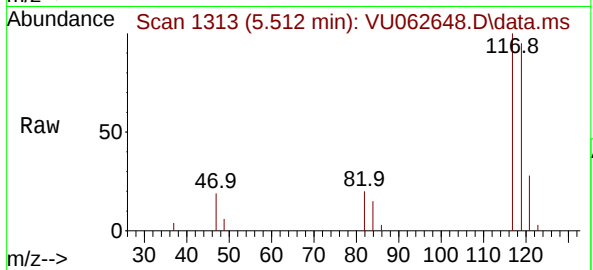




#31
Carbon tetrachloride
Concen: 1.077 ug/L
RT: 5.512 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

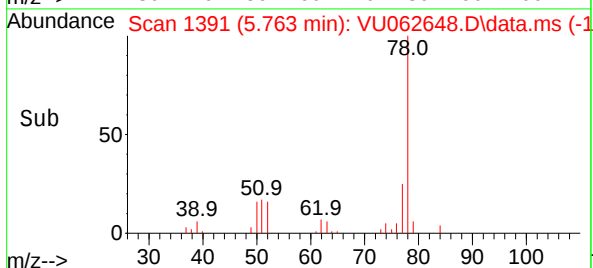
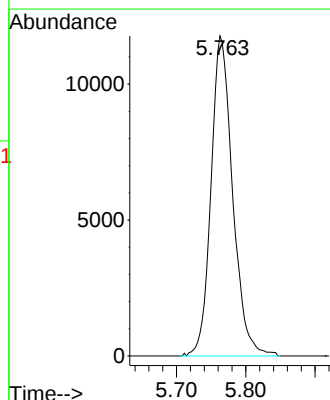
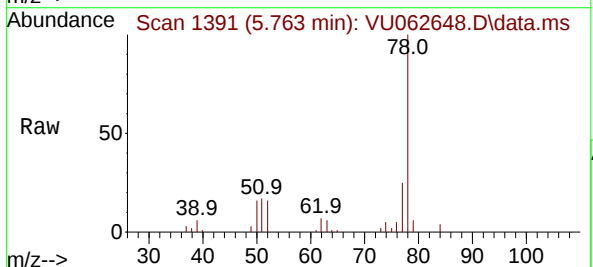
Instrument :
MSVOA_U
ClientSampleId :

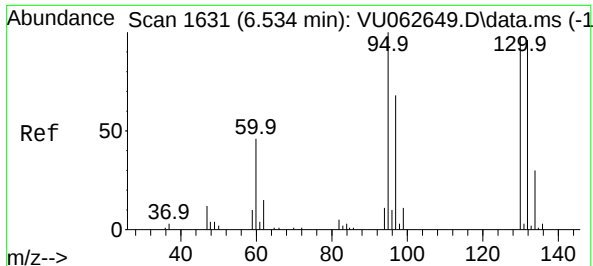
Tgt Ion:117 Resp: 12878
Ion Ratio Lower Upper
117 100
119 92.4 78.6 118.0



#33
Benzene
Concen: 0.909 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

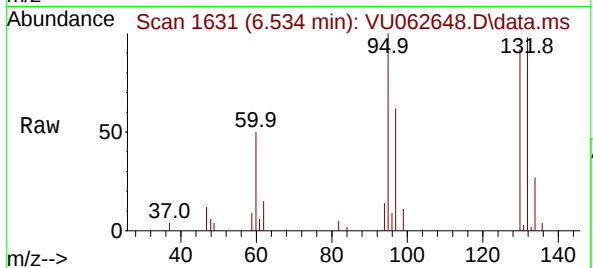
Tgt Ion: 78 Resp: 25525





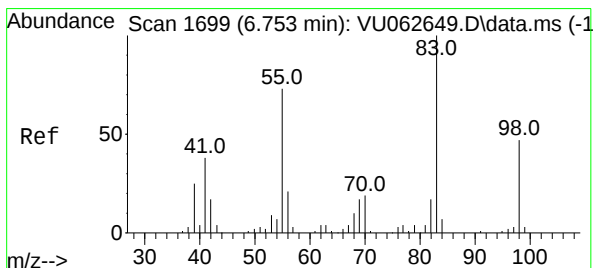
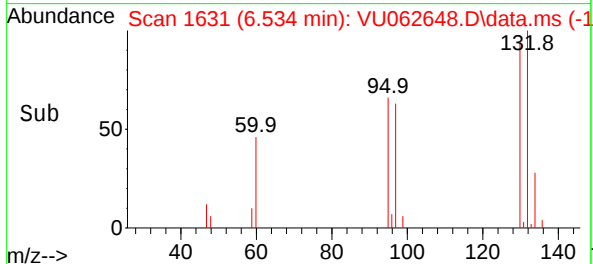
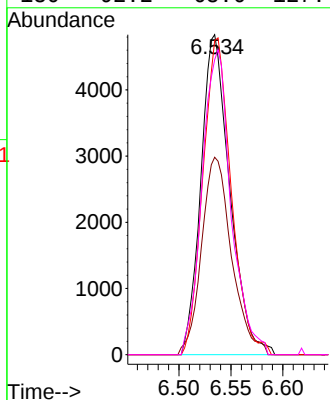
#34
Trichloroethene
Concen: 1.150 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 9371

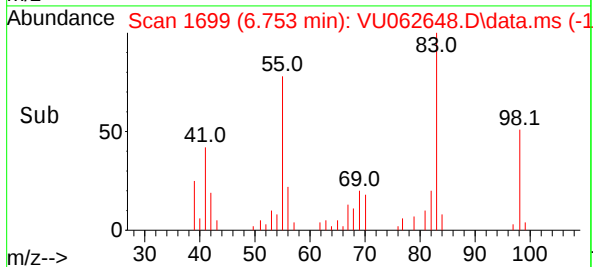
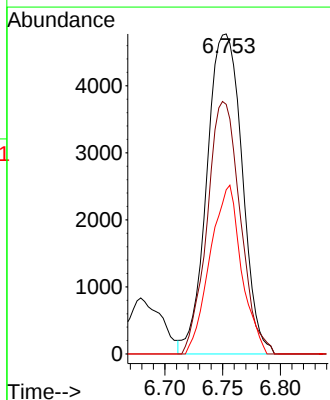
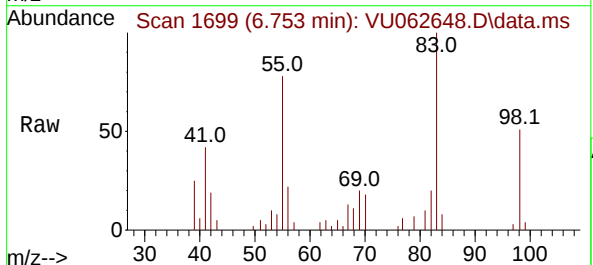
Ion	Ratio	Lower	Upper
95	100		
97	61.7	47.5	88.3
132	98.1	66.9	124.3
130	92.2	68.6	127.4

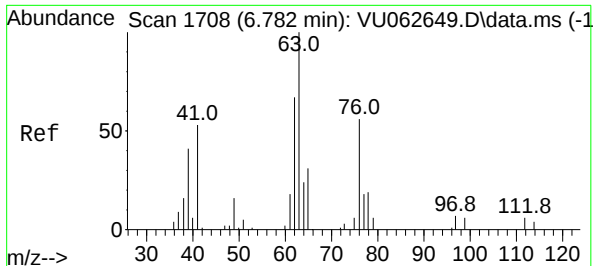


#35
Methylcyclohexane
Concen: 0.856 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

Tgt Ion: 83 Resp: 10132

Ion	Ratio	Lower	Upper
83	100		
55	74.3	57.2	85.8
98	46.9	36.6	55.0

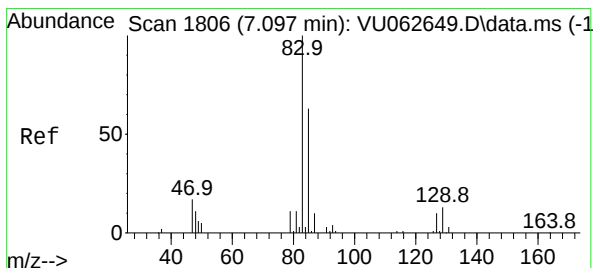
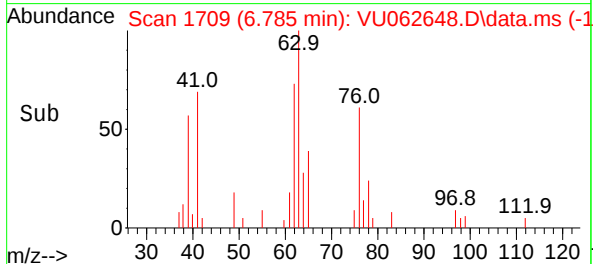
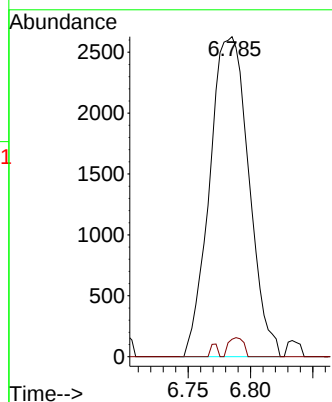
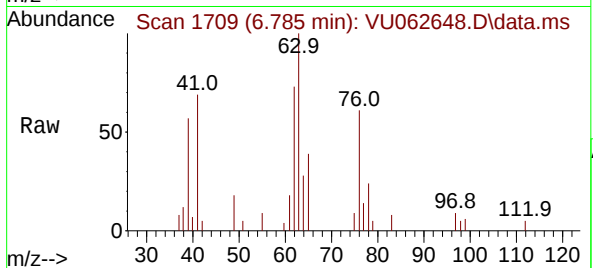




#37
1,2-Dichloropropane
Concen: 0.849 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

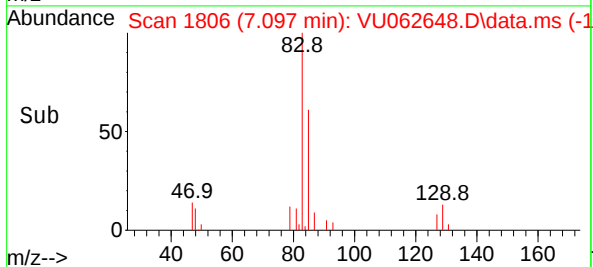
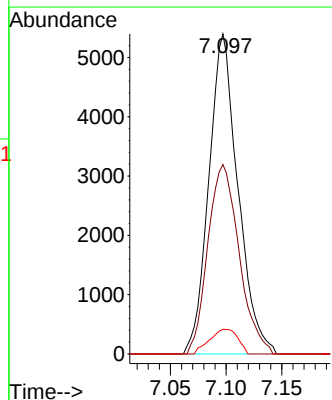
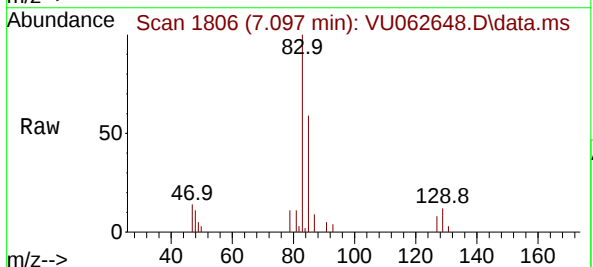
Instrument :
MSVOA_U
ClientSampleId :

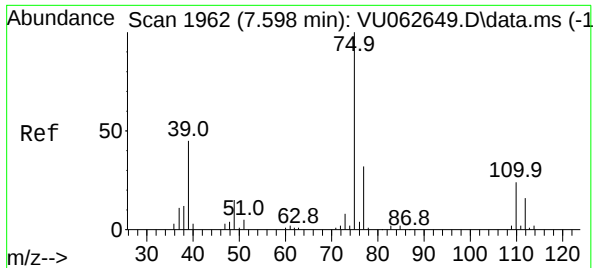
Tgt Ion: 63 Resp: 5733
Ion Ratio Lower Upper
63 100
112 2.3 3.8 5.8#



#38
Bromodichloromethane
Concen: 1.001 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

Tgt Ion: 83 Resp: 9805
Ion Ratio Lower Upper
83 100
85 59.2 44.2 82.0
127 7.7 7.8 11.8#

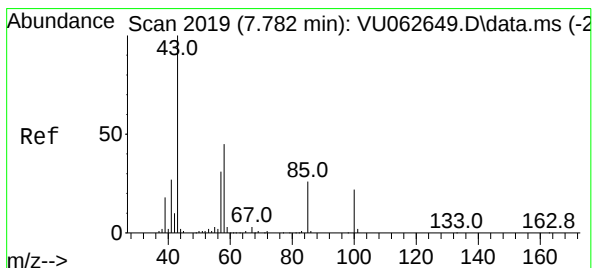
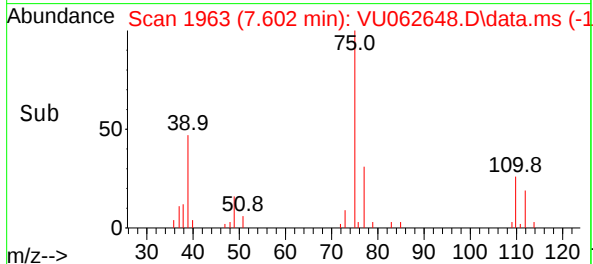
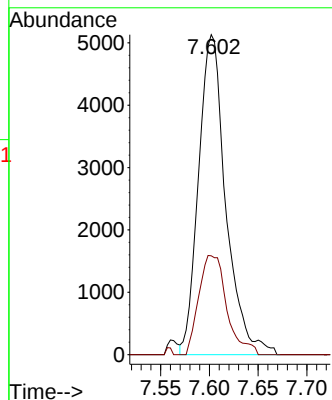
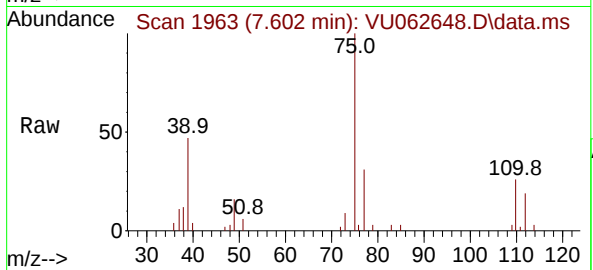




#39
 cis-1,3-Dichloropropene
 Concen: 0.905 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU062648.D
 Acq: 02 Jan 2025 10:31

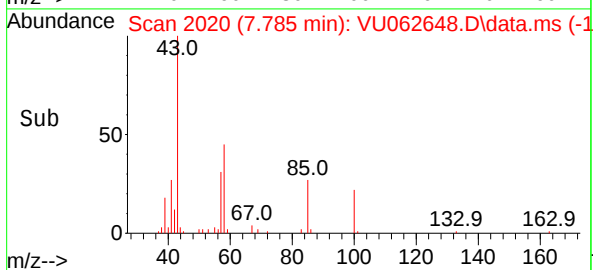
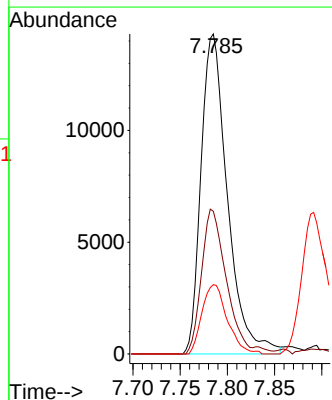
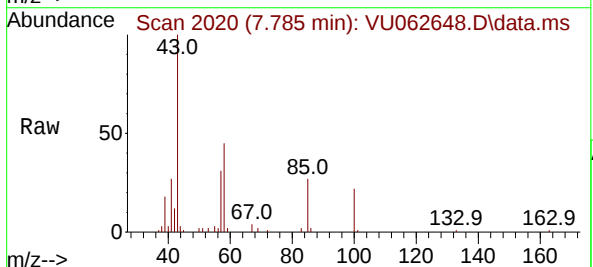
Instrument :
 MSVOA_U
 ClientSampleId :

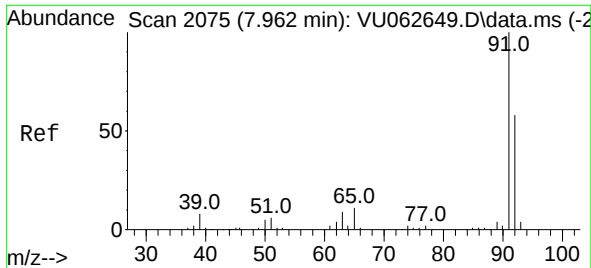
Tgt Ion: 75 Resp: 9986
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 8.793 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU062648.D
 Acq: 02 Jan 2025 10:31

Tgt Ion: 43 Resp: 27792
 Ion Ratio Lower Upper
 43 100
 58 42.0 35.8 53.8
 100 20.7 16.8 25.2

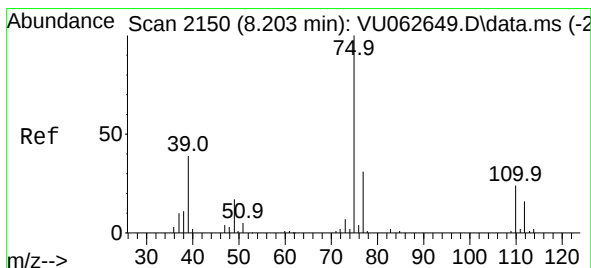
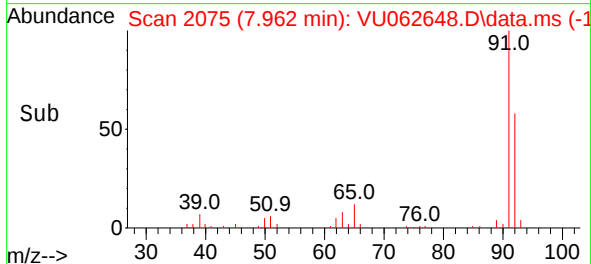
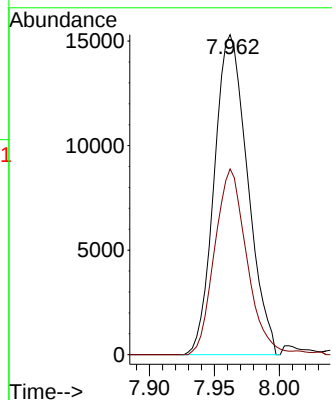
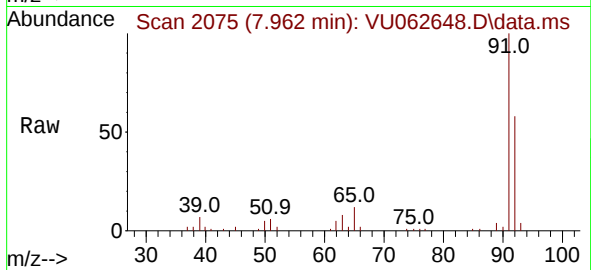




#42
Toluene
Concen: 0.898 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

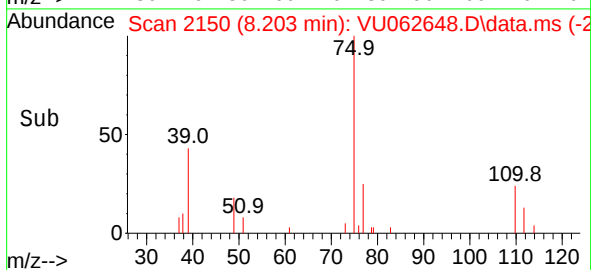
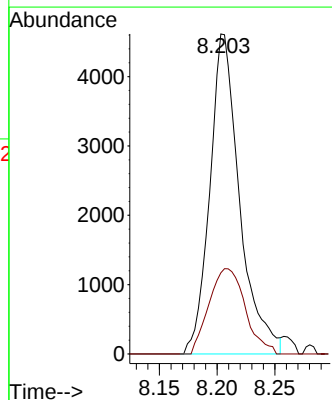
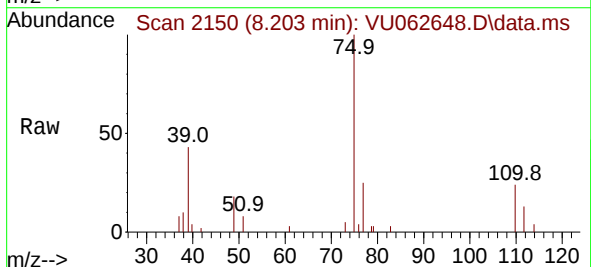
Instrument :
MSVOA_U
ClientSampleId :

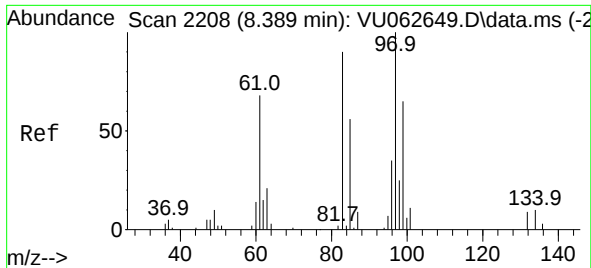
Tgt Ion: 91 Resp: 27298
Ion Ratio Lower Upper
91 100
92 58.0 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 0.914 ug/L
RT: 8.203 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

Tgt Ion: 75 Resp: 8278
Ion Ratio Lower Upper
75 100
77 25.4 21.8 40.6



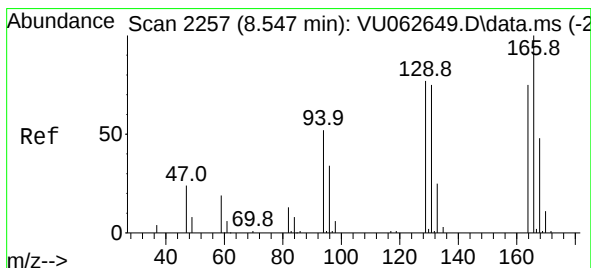
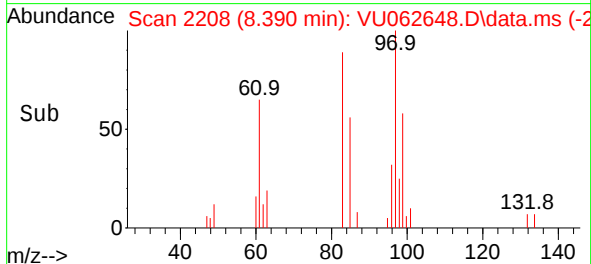
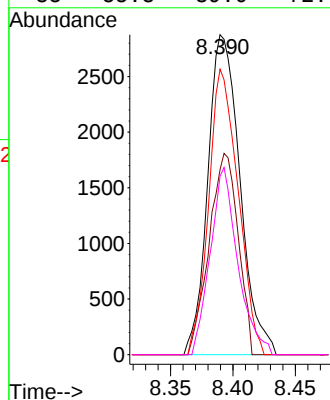
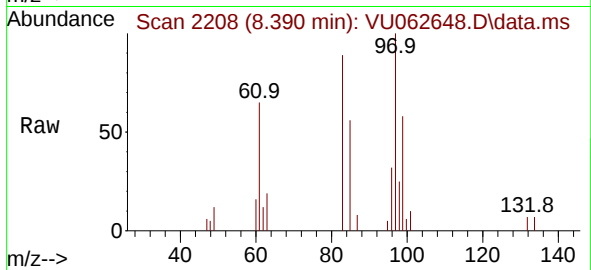


#45
1,1,2-Trichloroethane
Concen: 1.003 ug/L
RT: 8.390 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 5163

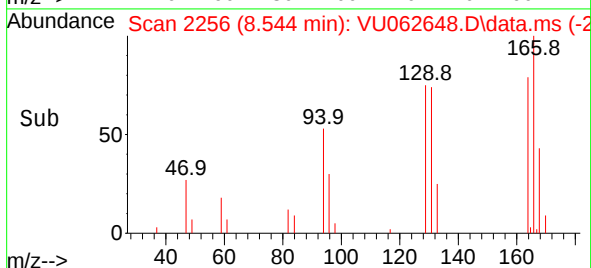
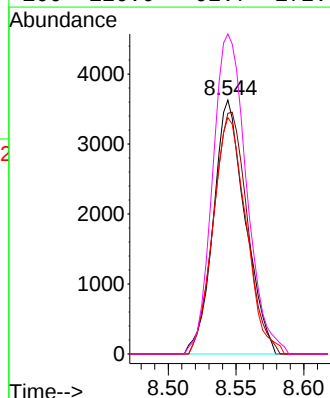
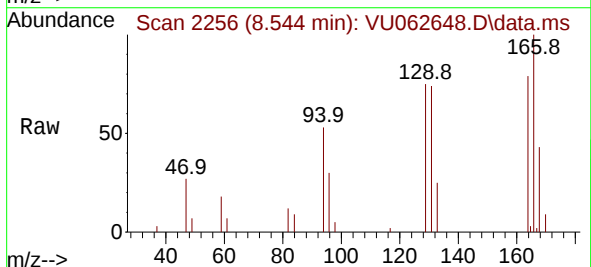
Ion	Ratio	Lower	Upper
97	100		
99	57.8	45.6	84.6
83	89.2	63.0	117.0
85	55.8	39.0	72.4

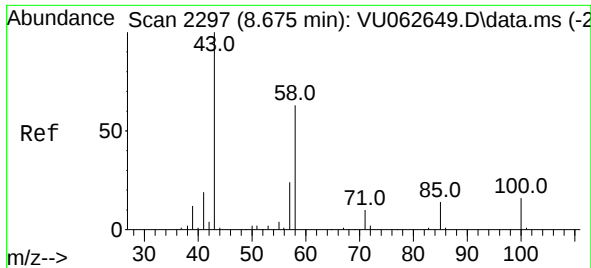


#47
Tetrachloroethene
Concen: 0.956 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

Tgt Ion: 164 Resp: 5941

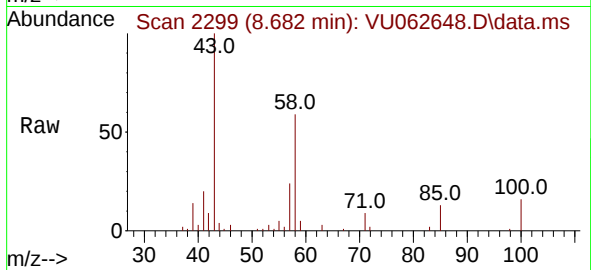
Ion	Ratio	Lower	Upper
164	100		
129	94.8	71.0	131.9
131	93.1	69.4	129.0
166	126.0	92.7	172.3



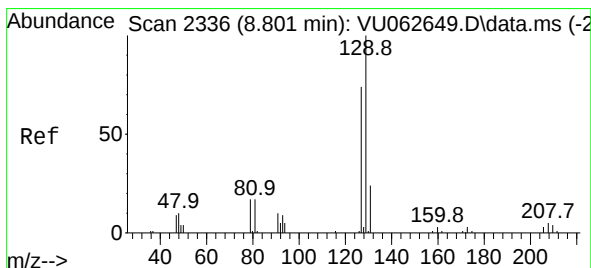
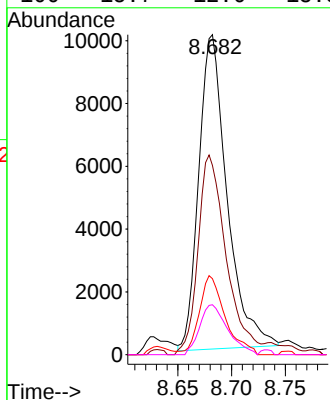
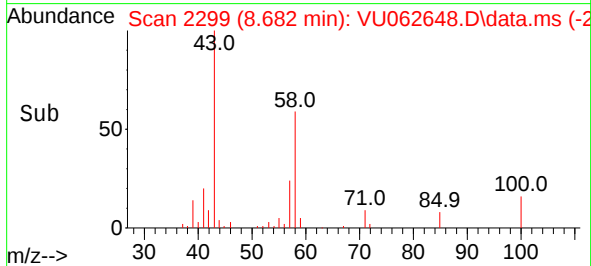


#48
2-Hexanone
Concen: 7.934 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.007 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

Instrument :
MSVOA_U
ClientSampleId :

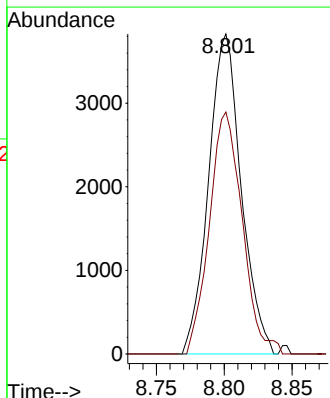
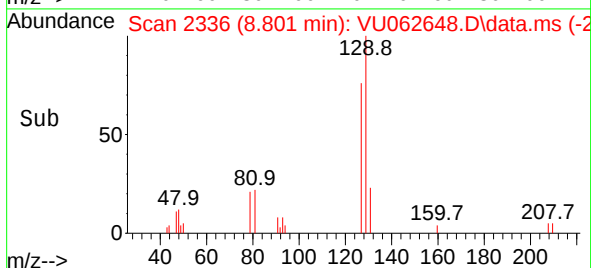
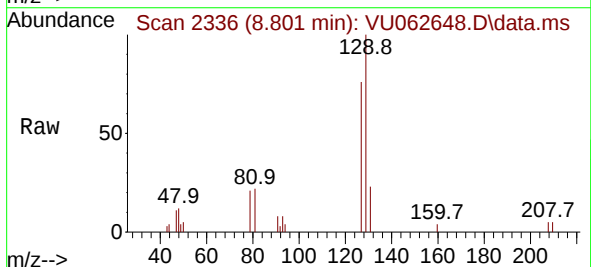


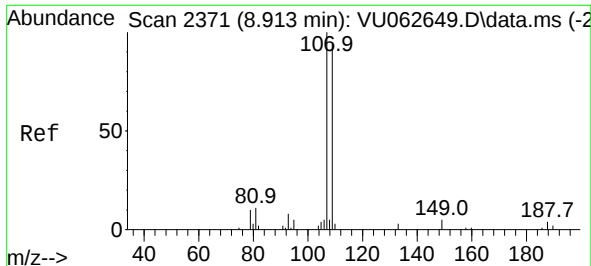
Tgt Ion: 43 Resp: 18371
Ion Ratio Lower Upper
43 100
58 63.0 50.2 75.4
57 22.9 19.9 29.9
100 15.7 12.6 18.8



#49
Dibromochloromethane
Concen: 1.009 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

Tgt Ion: 129 Resp: 6425
Ion Ratio Lower Upper
129 100
127 75.6 52.1 96.9





#50

1,2-Dibromoethane

Concen: 0.948 ug/L

RT: 8.917 min Scan# 24

Delta R.T. 0.003 min

Lab File: VU062648.D

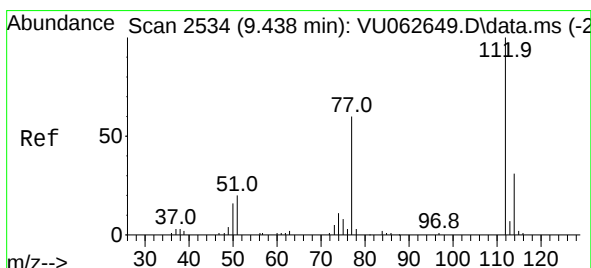
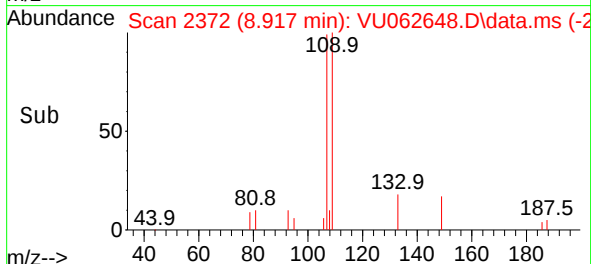
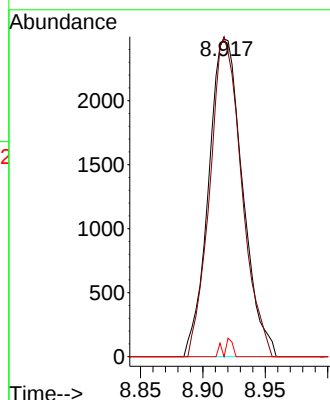
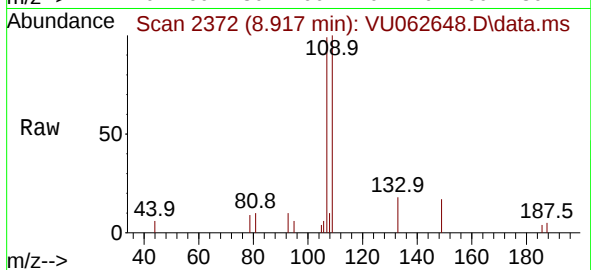
Acq: 02 Jan 2025 10:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	4723
Ion	Ratio	Lower Upper
107	100	
109	100.7	65.7 121.9
188	0.0	3.4 5.2#



#51

Chlorobenzene

Concen: 0.958 ug/L

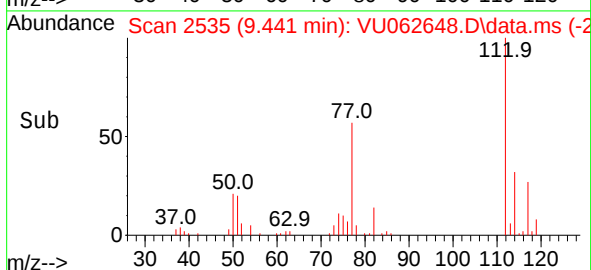
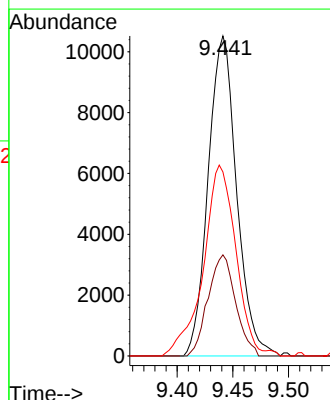
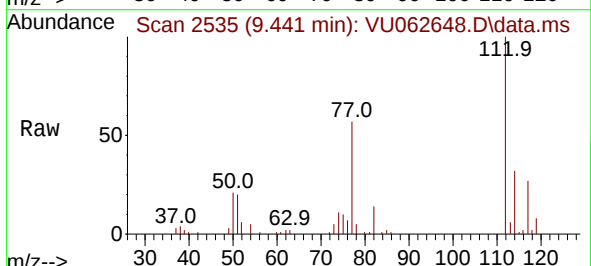
RT: 9.441 min Scan# 2535

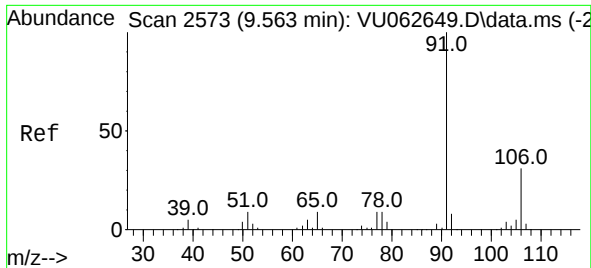
Delta R.T. 0.003 min

Lab File: VU062648.D

Acq: 02 Jan 2025 10:31

Tgt Ion:112	Resp:	18694
Ion	Ratio	Lower Upper
112	100	
114	31.6	21.7 40.3
77	57.5	48.6 73.0

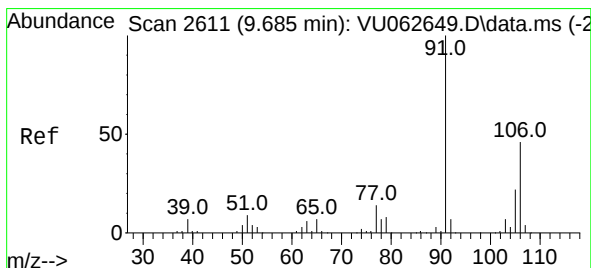
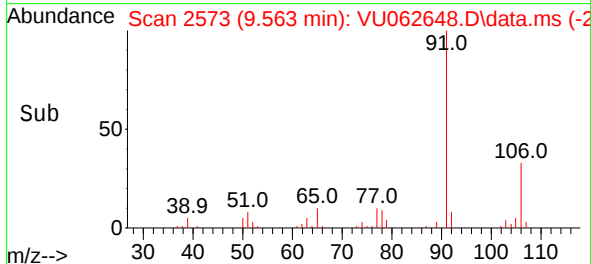
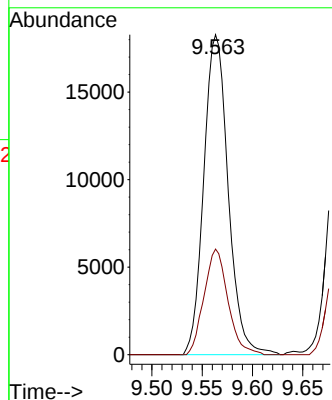
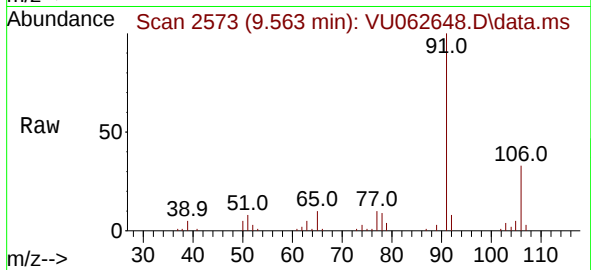




#52
Ethylbenzene
Concen: 0.906 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

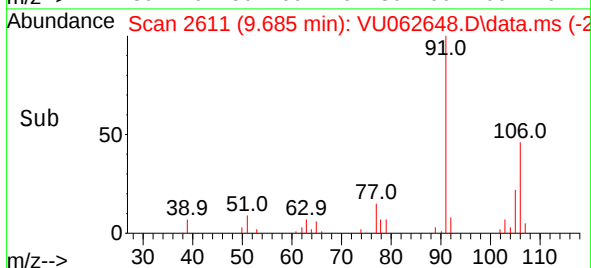
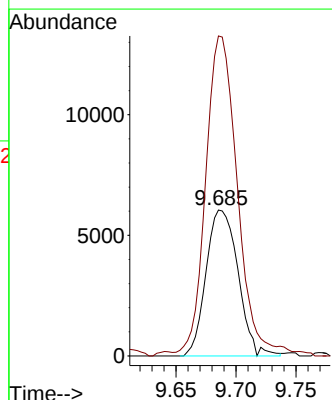
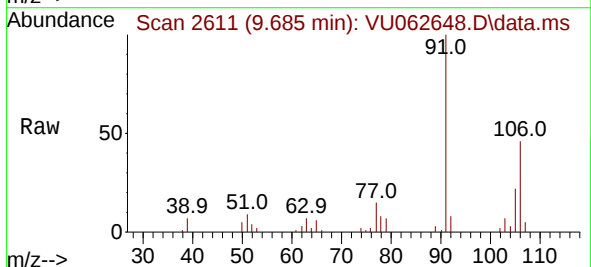
Instrument :
MSVOA_U
ClientSampleId :

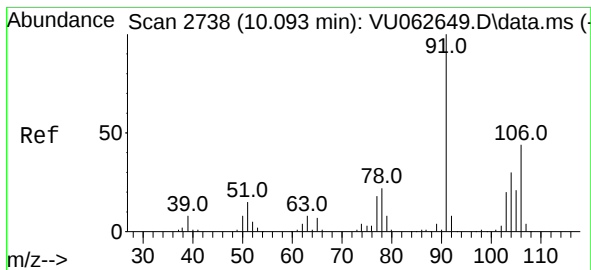
Tgt Ion: 91 Resp: 30829
Ion Ratio Lower Upper
91 100
106 33.0 21.9 40.7



#53
m,p-Xylene
Concen: 0.892 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

Tgt Ion:106 Resp: 11212
Ion Ratio Lower Upper
106 100
91 219.2 153.1 284.3





#54

o-Xylene

Concen: 0.874 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU062648.D

Acq: 02 Jan 2025 10:31

Instrument :

MSVOA_U

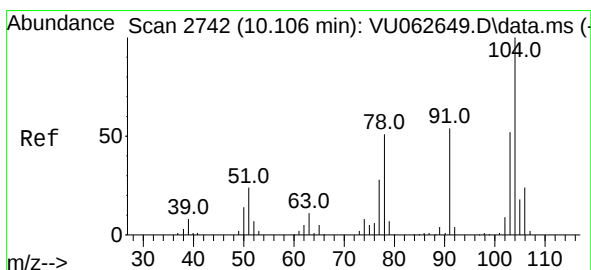
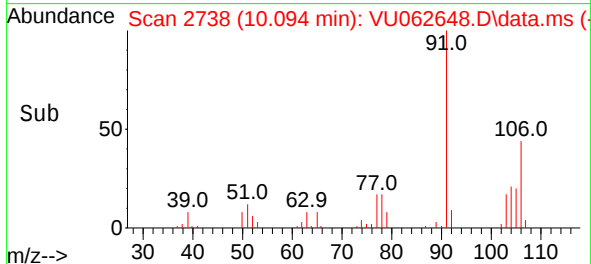
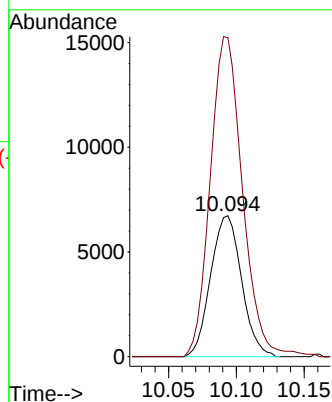
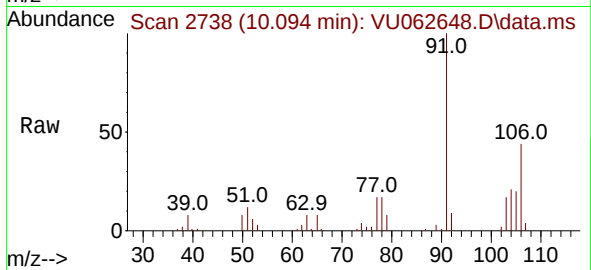
ClientSampleId :

Tgt Ion:106 Resp: 10684

Ion Ratio Lower Upper

106 100

91 226.4 160.4 297.8



#55

Styrene

Concen: 0.841 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.003 min

Lab File: VU062648.D

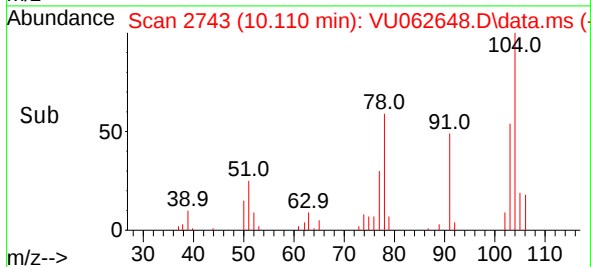
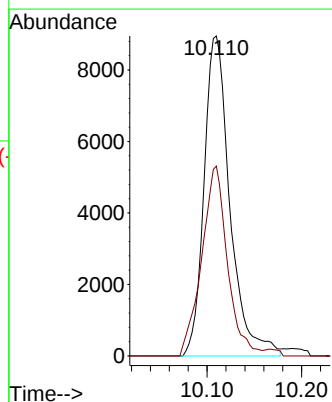
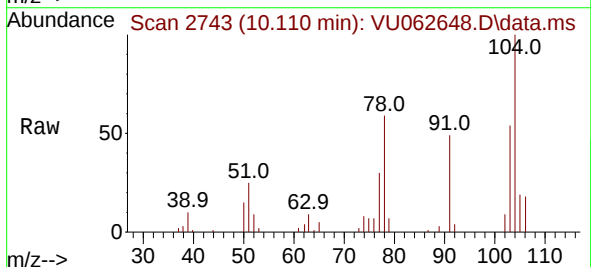
Acq: 02 Jan 2025 10:31

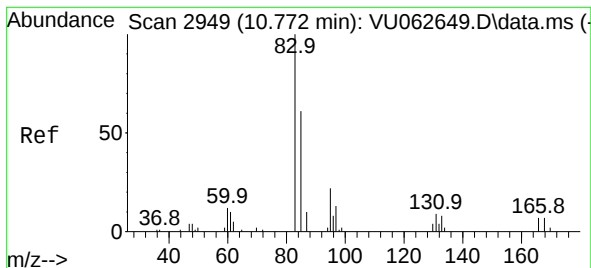
Tgt Ion:104 Resp: 17029

Ion Ratio Lower Upper

104 100

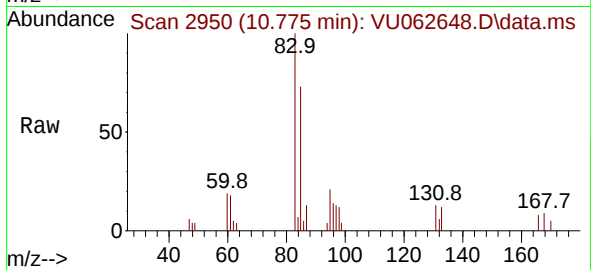
78 59.4 35.5 65.9



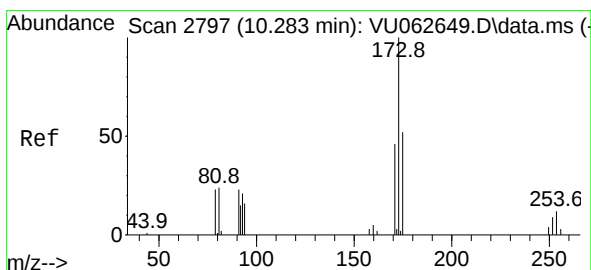
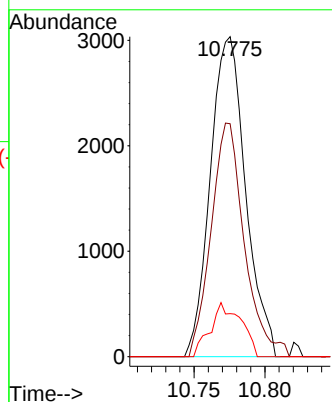
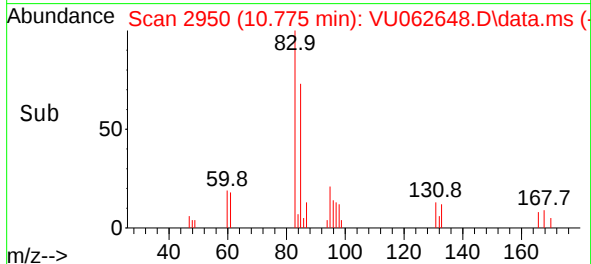


#57
1,1,2,2-Tetrachloroethane
Concen: 0.881 ug/L
RT: 10.775 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

Instrument :
MSVOA_U
ClientSampleId :

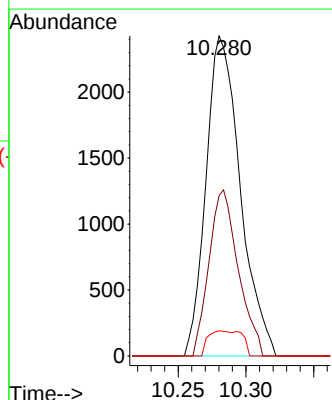
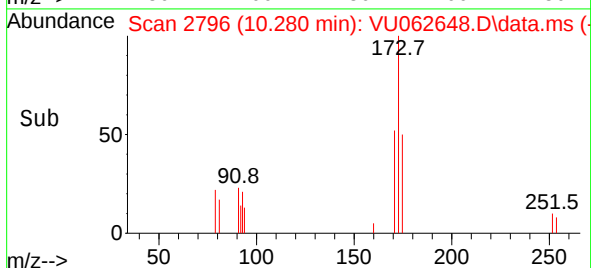
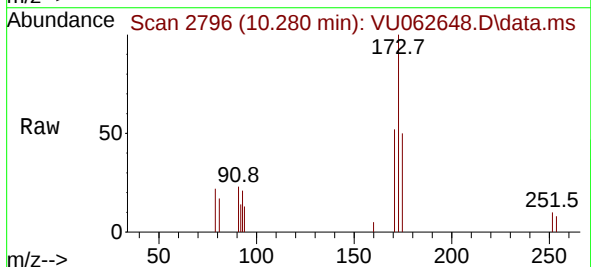


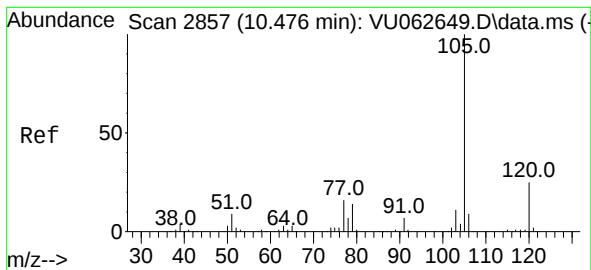
Tgt Ion: 83 Resp: 5256
Ion Ratio Lower Upper
83 100
85 72.8 43.0 79.8
131 13.5 7.4 11.0#



#59
Bromoform
Concen: 1.133 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.003 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

Tgt Ion:173 Resp: 4260
Ion Ratio Lower Upper
173 100
175 44.3 39.8 59.8
254 7.8 8.6 12.8#





#60

Isopropylbenzene

Concen: 0.897 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU062648.D

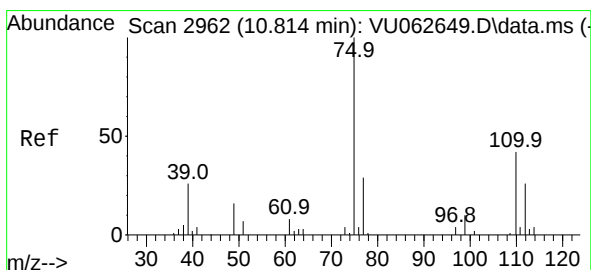
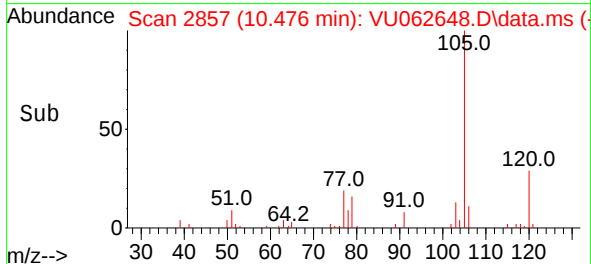
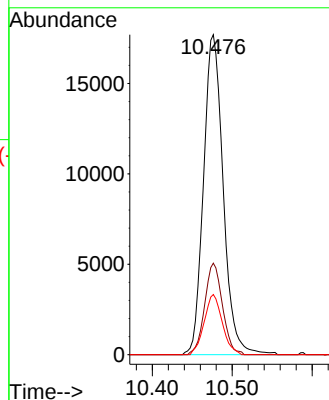
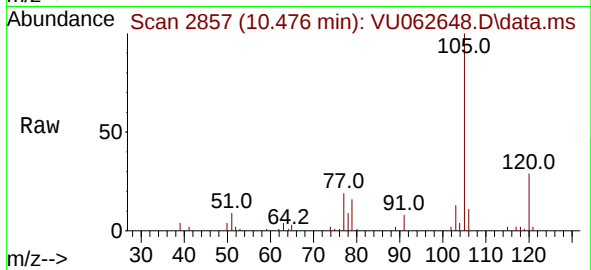
Acq: 02 Jan 2025 10:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	30350
Ion Ratio	Lower	Upper	
105	100		
120	25.9	20.2	30.2
77	17.3	13.0	19.4



#61

1,2,3-Trichloropropane

Concen: 0.949 ug/L

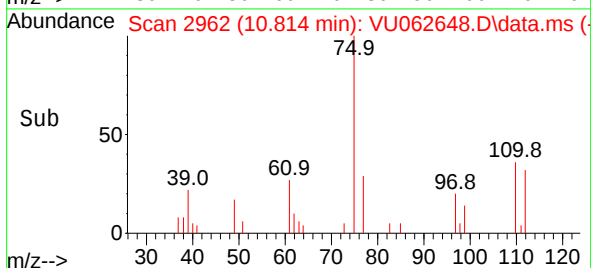
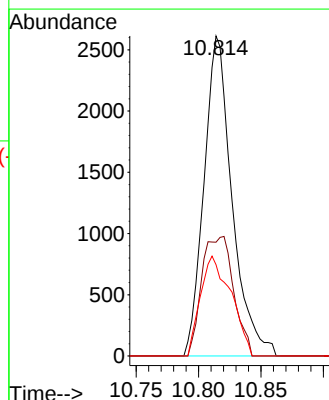
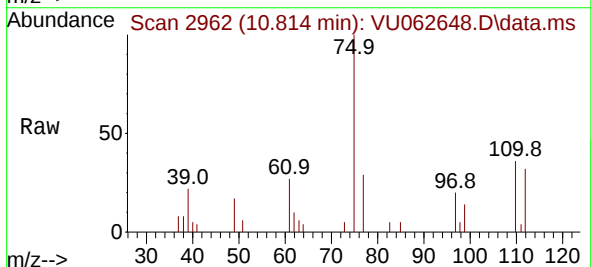
RT: 10.814 min Scan# 2962

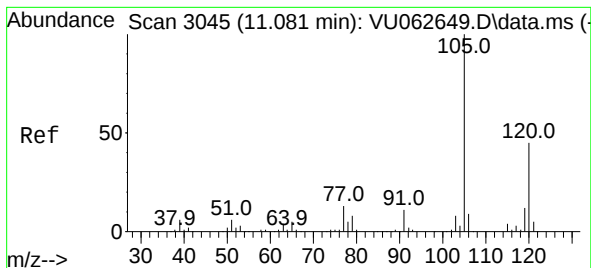
Delta R.T. 0.000 min

Lab File: VU062648.D

Acq: 02 Jan 2025 10:31

Tgt Ion:	75	Resp:	4088
Ion Ratio	Lower	Upper	
75	100		
110	42.3	33.2	49.8
77	34.0	25.9	38.9





#62

1,3,5-Trimethylbenzene

Concen: 0.890 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU062648.D

Acq: 02 Jan 2025 10:31

Instrument :

MSVOA_U

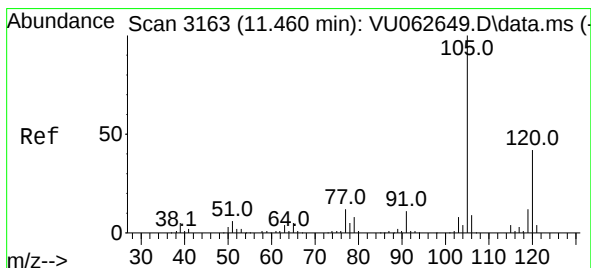
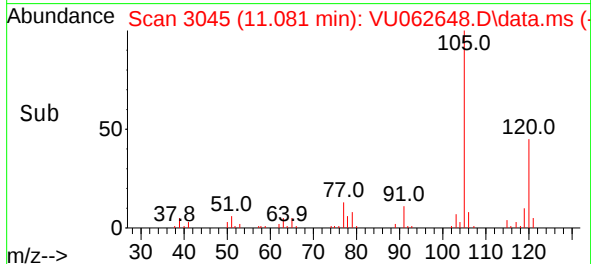
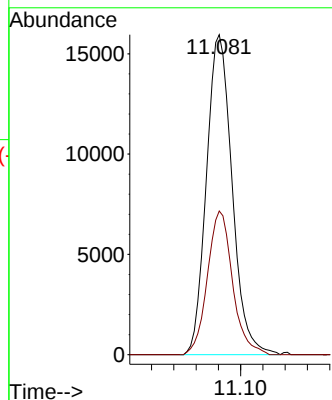
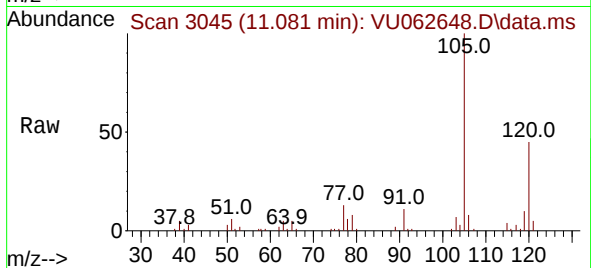
ClientSampleId :

Tgt Ion:105 Resp: 25535

Ion Ratio Lower Upper

105 100

120 44.0 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 0.827 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU062648.D

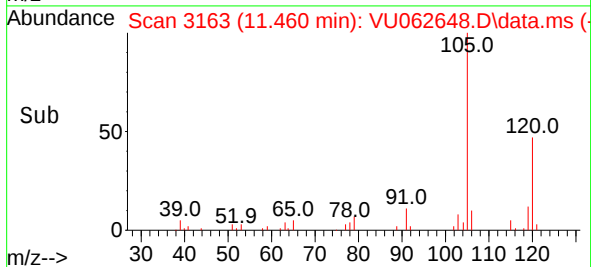
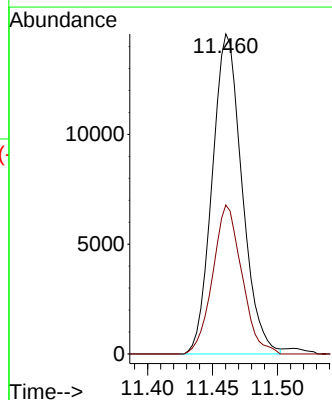
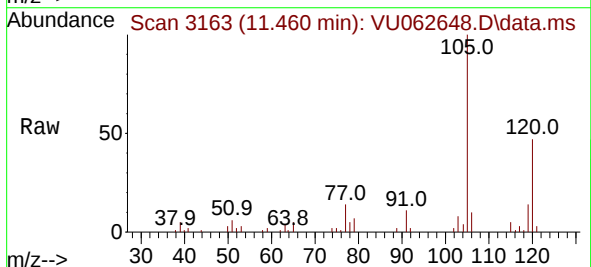
Acq: 02 Jan 2025 10:31

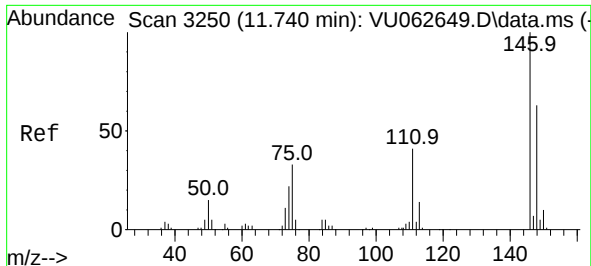
Tgt Ion:105 Resp: 23227

Ion Ratio Lower Upper

105 100

120 45.6 34.2 51.2

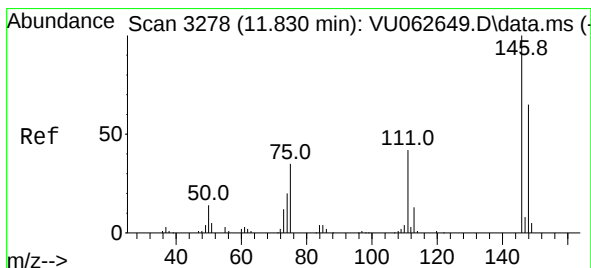
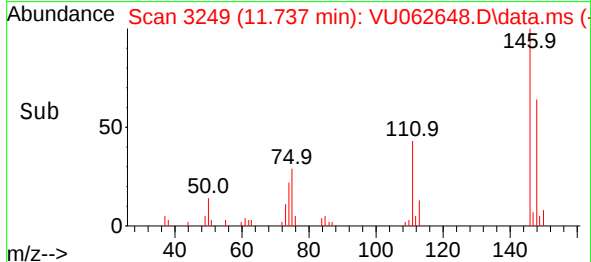
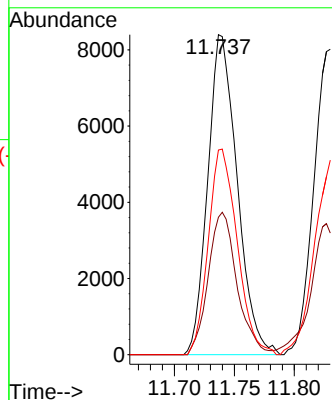
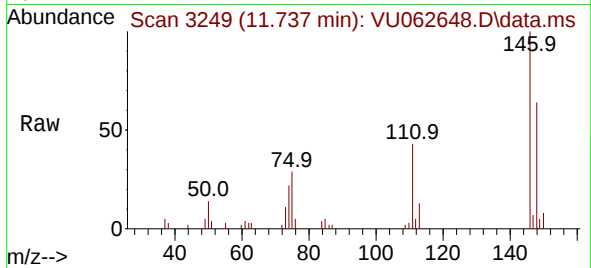




#64
1,3-Dichlorobenzene
Concen: 0.918 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. -0.003 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

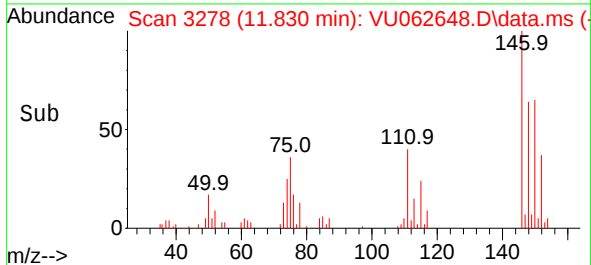
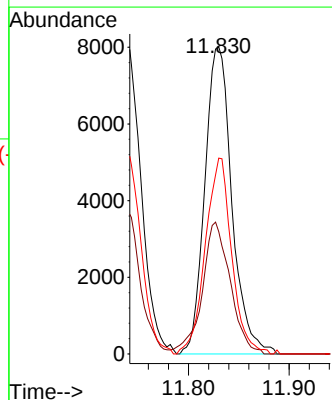
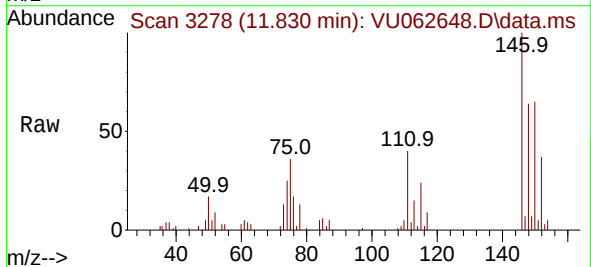
Instrument :
MSVOA_U
ClientSampleId :

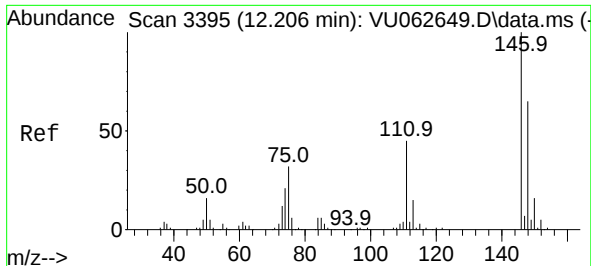
Tgt Ion:146 Resp: 14345
Ion Ratio Lower Upper
146 100
111 43.0 28.6 53.0
148 64.0 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 0.958 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

Tgt Ion:146 Resp: 15006
Ion Ratio Lower Upper
146 100
111 39.8 29.5 54.9
148 63.7 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 0.944 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU062648.D

Acq: 02 Jan 2025 10:31

Instrument :

MSVOA_U

ClientSampleId :

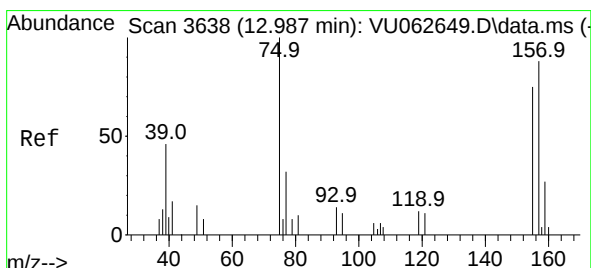
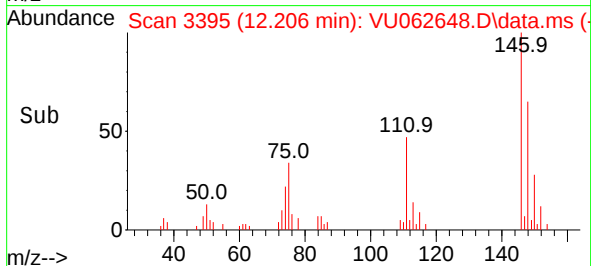
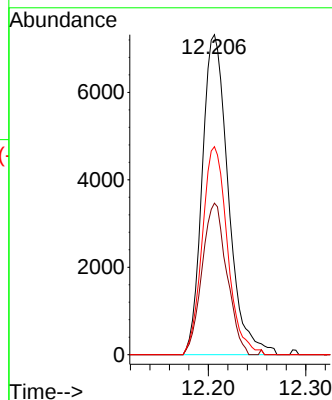
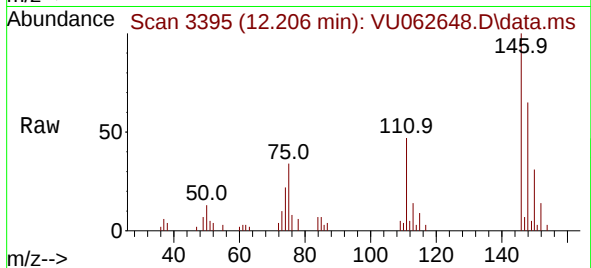
Tgt Ion:146 Resp: 13597

Ion Ratio Lower Upper

146 100

111 47.3 36.3 54.5

148 65.0 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 0.927 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.010 min

Lab File: VU062648.D

Acq: 02 Jan 2025 10:31

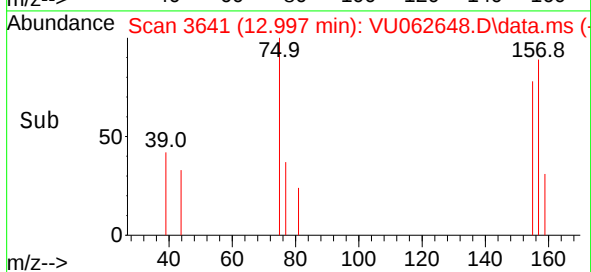
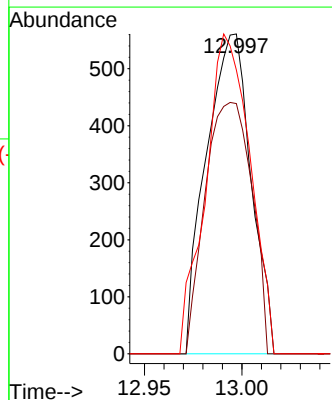
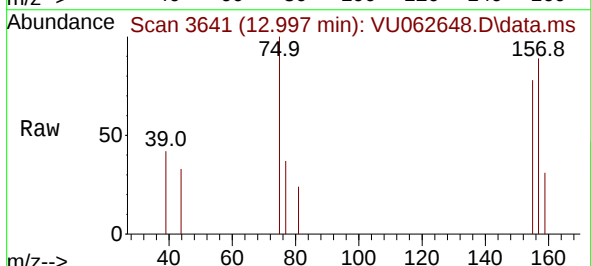
Tgt Ion: 75 Resp: 897

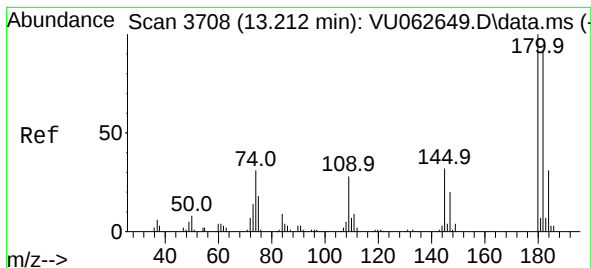
Ion Ratio Lower Upper

75 100

155 78.3 59.6 89.4

157 88.8 70.8 106.2





#69

1,3,5-Trichlorobenzene

Concen: 0.906 ug/L

RT: 13.216 min Scan# 3708

Delta R.T. 0.003 min

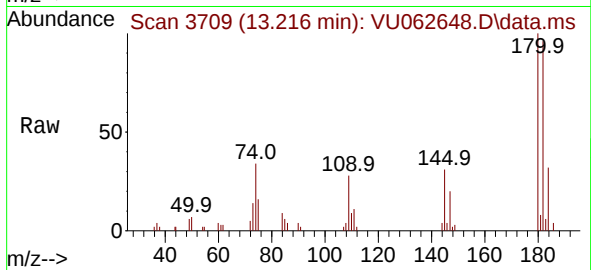
Lab File: VU062648.D

Acq: 02 Jan 2025 10:31

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 10571

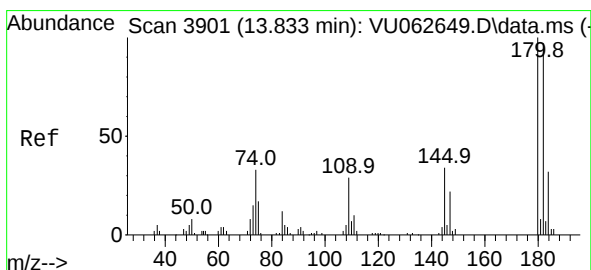
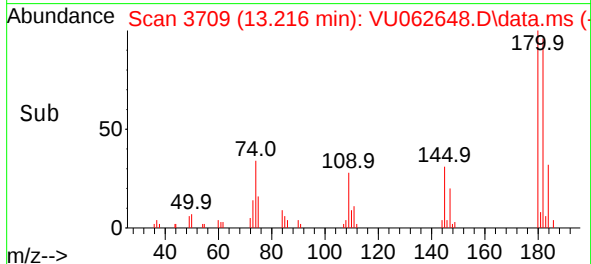
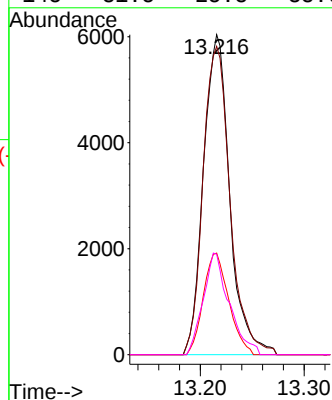
Ion Ratio Lower Upper

180 100

182 99.3 75.8 113.8

184 30.8 24.7 37.1

145 31.5 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 0.845 ug/L

RT: 13.840 min Scan# 3903

Delta R.T. 0.007 min

Lab File: VU062648.D

Acq: 02 Jan 2025 10:31

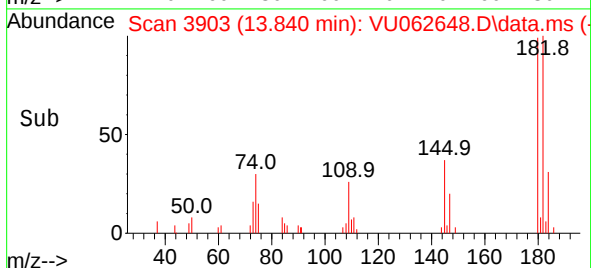
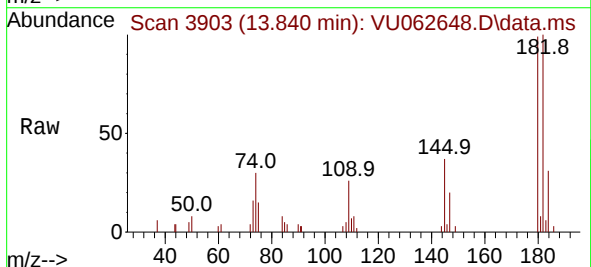
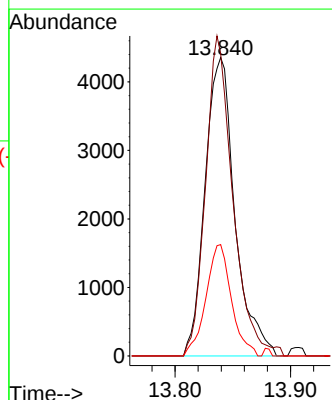
Tgt Ion:180 Resp: 7818

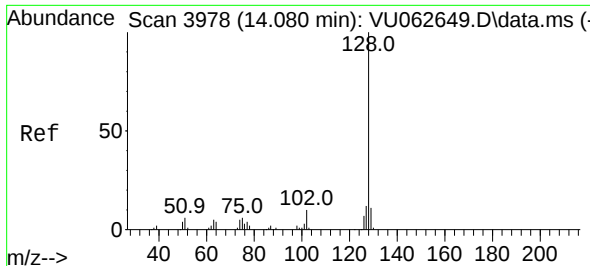
Ion Ratio Lower Upper

180 100

182 97.9 77.1 115.7

145 31.9 26.9 40.3

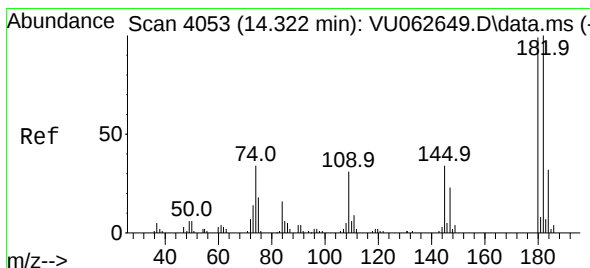
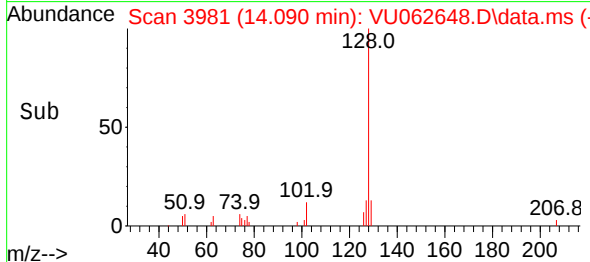
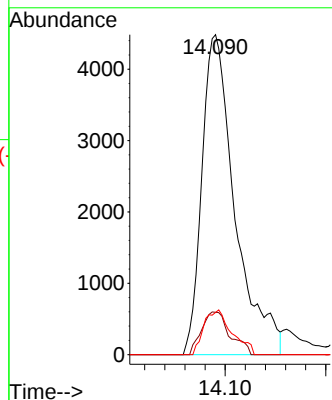
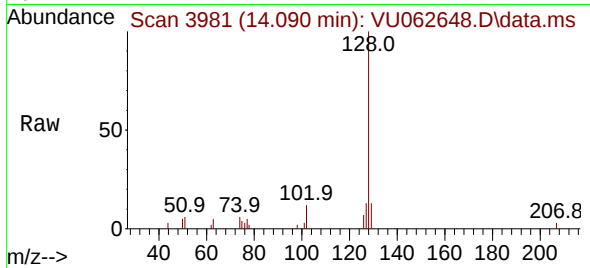




#71
Naphthalene
Concen: 0.737 ug/L
RT: 14.090 min Scan# 3978
Delta R.T. 0.010 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 10224
Ion Ratio Lower Upper
128 100
129 11.5 8.5 12.7
127 11.9 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 0.906 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU062648.D
Acq: 02 Jan 2025 10:31

Tgt Ion:180 Resp: 7387
Ion Ratio Lower Upper
180 100
182 88.4 79.8 119.6
145 33.1 29.2 43.8

