

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW011725\
 Data File : VW038451.D
 Acq On : 17 Jan 2025 12:58
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 18 00:20:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 18 00:13:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	257484	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	257429	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	134712	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	104665	5.223	ug/L	0.00
7) Chloroethane-d5	1.529	69	88409	5.428	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	46036	5.363	ug/L	0.00
20) 2-Butanone-d5	3.825	46	254743	63.149	ug/L	0.02
24) Chloroform-d	4.236	84	197642	5.154	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	92391	5.326	ug/L	0.00
32) Benzene-d6	4.950	84	381099	5.674	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.979	67	115135	5.528	ug/L	0.00
41) Toluene-d8	7.233	98	350415	5.649	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	45413	5.892	ug/L	0.00
46) 2-Hexanone-d5	8.021	63	189291	63.308	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	94231	5.442	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	119788	5.203	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	138349	5.406	ug/L	100
3) Chloromethane	1.211	50	142967	6.319	ug/L	98
5) Vinyl chloride	1.278	62	146387	5.813	ug/L	98
6) Bromomethane	1.484	94	75583	7.165	ug/L	94
8) Chloroethane	1.545	64	84631	5.393	ug/L	98
9) Trichlorofluoromethane	1.709	101	178043	5.098	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	104159	5.203	ug/L	99
12) 1,1-Dichloroethene	2.063	96	99178	5.205	ug/L	94
13) Acetone	2.156	43	50207	16.821	ug/L	65
14) Carbon disulfide	2.233	76	352908	5.673	ug/L	100
15) Methyl Acetate	2.388	43	50533	6.829	ug/L	92
16) Methylene chloride	2.439	84	114667	5.351	ug/L	98
17) Methyl tert-butyl Ether	2.696	73	246522	5.827	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	109229	5.506	ug/L	99
19) 1,1-Dichloroethane	3.101	63	205295	5.627	ug/L	99
21) 2-Butanone	3.902	43	261371	59.919	ug/L	98
22) cis-1,2-Dichloroethene	3.806	96	112299	5.465	ug/L	100
23) Bromochloromethane	4.140	128	51425	5.179	ug/L	97
25) Chloroform	4.265	83	204501	5.351	ug/L	98
27) 1,2-Dichloroethane	5.037	62	118505	5.655	ug/L	98
29) 1,1,1-Trichloroethane	4.500	97	172255	5.470	ug/L	97
30) Cyclohexane	4.571	56	167406	6.154	ug/L	97
31) Carbon tetrachloride	4.725	117	150825	5.392	ug/L	100
33) Benzene	4.998	78	441857	5.939	ug/L	100
34) Trichloroethene	5.825	95	112387	5.567	ug/L	96
35) Methylcyclohexane	6.040	83	172044	5.846	ug/L	97
37) 1,2-Dichloropropane	6.082	63	110241	5.896	ug/L	98
38) Bromodichloromethane	6.423	83	142046	5.705	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	160571	6.108	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	662224	67.637	ug/L	99
42) Toluene	7.307	91	461021	5.855	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	136687	6.189	ug/L	95

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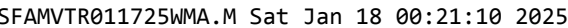
Quant Time: Jan 18 00:20:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 18 00:13:35 2025
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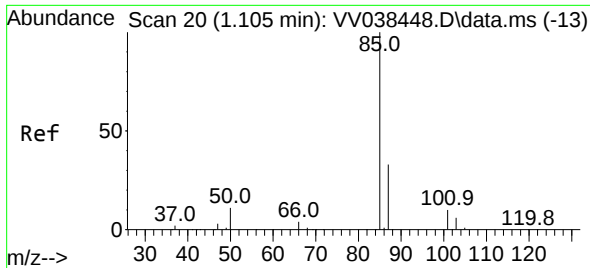
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.760	97	80624	5.438	ug/L	98
47) Tetrachloroethene	7.895	164	83003	5.142	ug/L	96
48) 2-Hexanone	8.069	43	502624	69.962	ug/L	100
49) Dibromochloromethane	8.169	129	92721	5.657	ug/L	98
50) 1,2-Dibromoethane	8.275	107	78616	5.710	ug/L	98
51) Chlorobenzene	8.805	112	298036	5.546	ug/L	99
52) Ethylbenzene	8.937	91	489132	5.826	ug/L	98
53) m,p-Xylene	9.066	106	185712	5.895	ug/L	94
54) o-Xylene	9.468	106	180331	5.865	ug/L	99
55) Styrene	9.487	104	318767	5.934	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	97237	5.611	ug/L	97
59) Bromoform	9.657	173	48407	5.936	ug/L	98
60) Isopropylbenzene	9.857	105	477992	5.926	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	69434	5.932	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	373478	5.849	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	377873	5.902	ug/L	99
64) 1,3-Dichlorobenzene	11.108	146	237560	5.571	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	243294	5.638	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	219032	5.568	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	14928	5.668	ug/L #	85
69) 1,3,5-Trichlorobenzene	12.574	180	160429	5.312	ug/L	99
70) 1,2,4-trichlorobenzene	13.188	180	133944	5.514	ug/L	99
71) Naphthalene	13.432	128	259779	6.963	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	128845	5.788	ug/L	98

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

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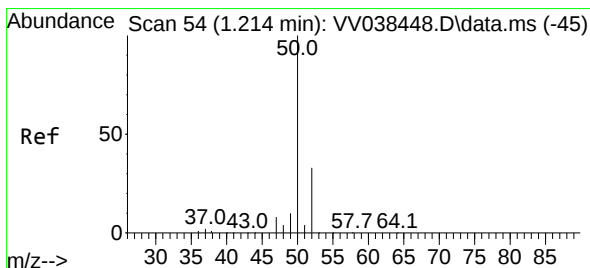
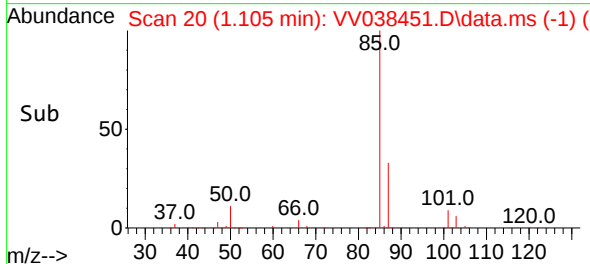
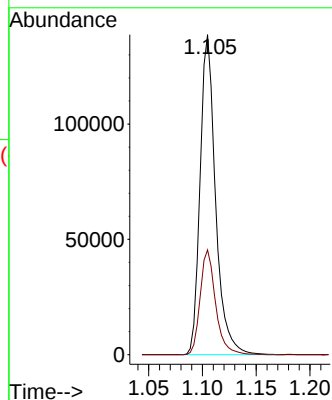
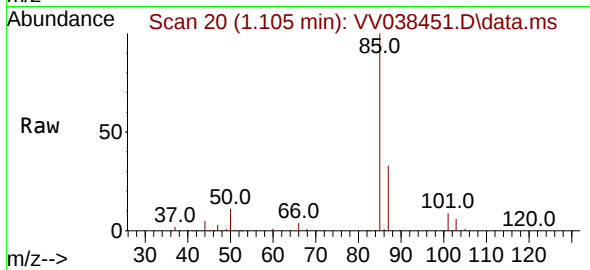




#2
 Dichlorodifluoromethane
 Concen: 5.406 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038451.D
 Acq: 17 Jan 2025 12:58

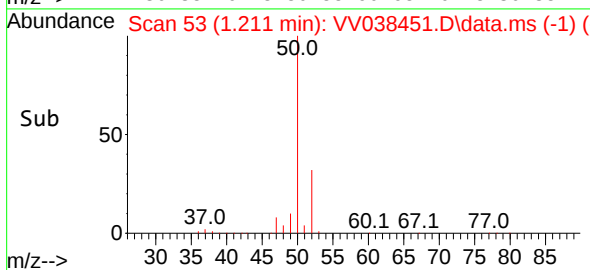
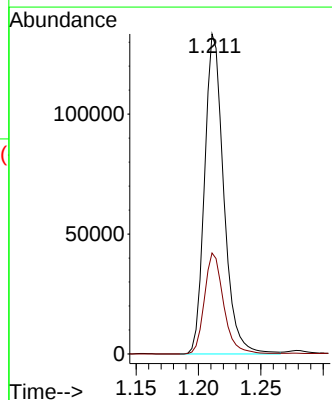
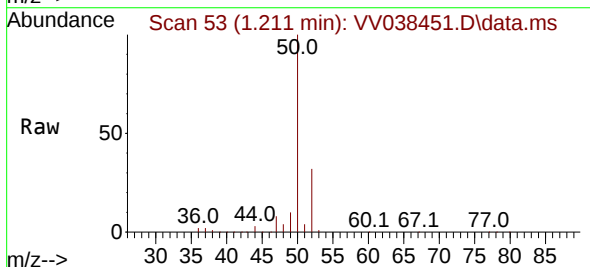
Instrument :
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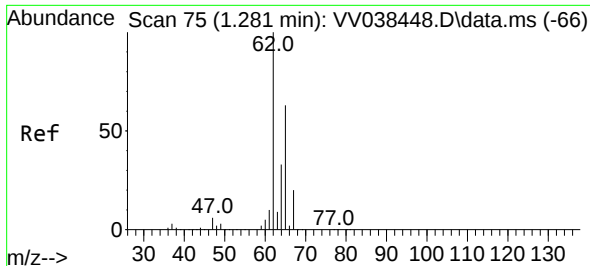
Tgt Ion: 85 Resp: 138349
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.0 39.0



#3
 Chloromethane
 Concen: 6.319 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.003 min
 Lab File: VV038451.D
 Acq: 17 Jan 2025 12:58

Tgt Ion: 50 Resp: 142967
 Ion Ratio Lower Upper
 50 100
 52 31.6 23.0 42.6

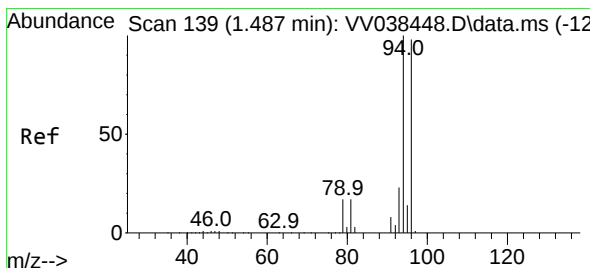
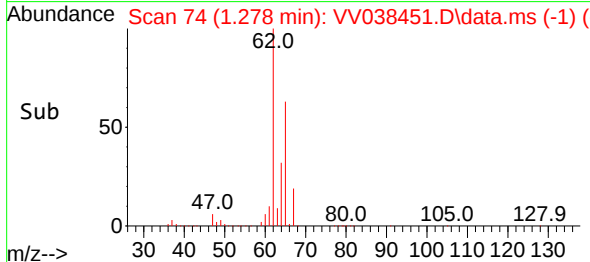
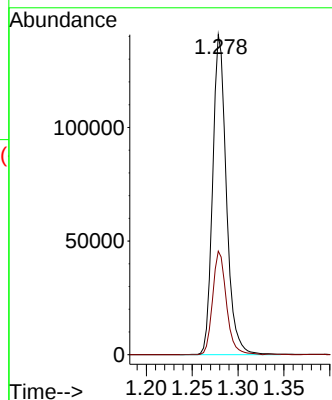
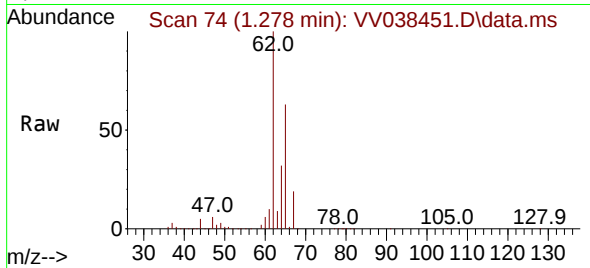




#5
 Vinyl chloride
 Concen: 5.813 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV038451.D
 Acq: 17 Jan 2025 12:58

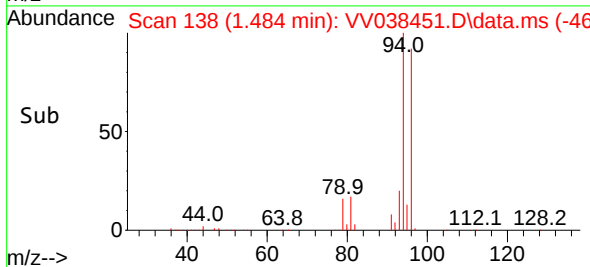
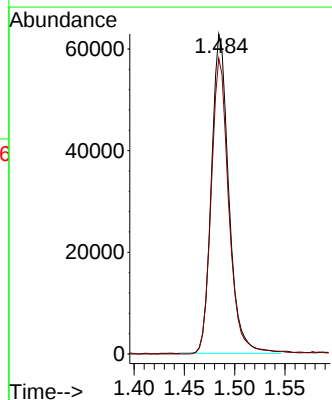
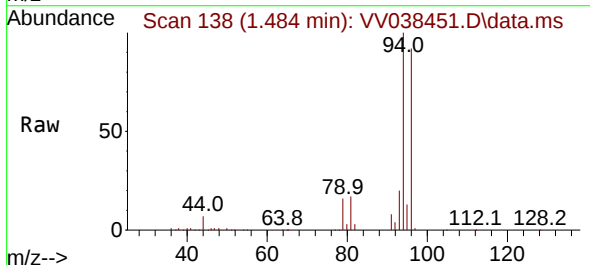
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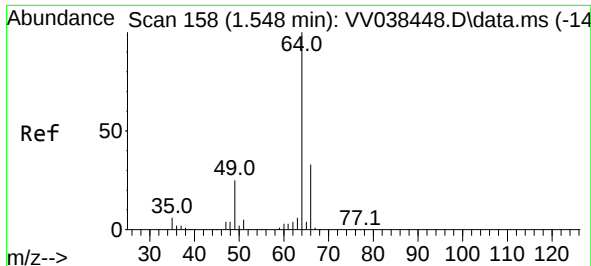
Tgt Ion: 62 Resp: 146387
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.5 43.7



#6
 Bromomethane
 Concen: 7.165 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV038451.D
 Acq: 17 Jan 2025 12:58

Tgt Ion: 94 Resp: 75583
 Ion Ratio Lower Upper
 94 100
 96 92.3 68.9 127.9

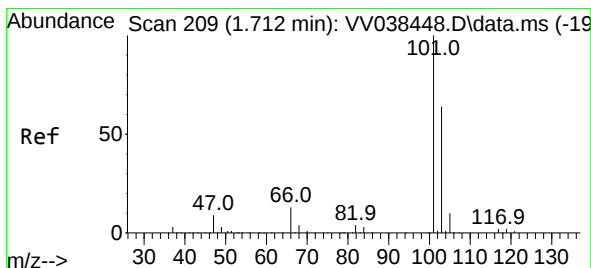
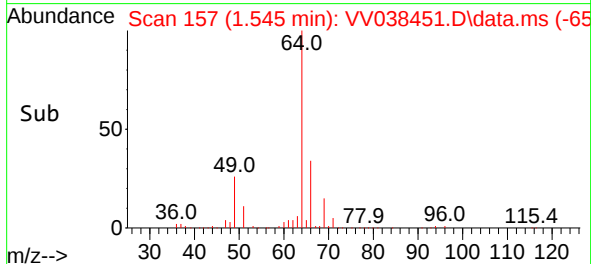
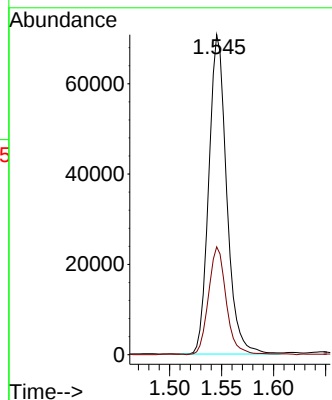
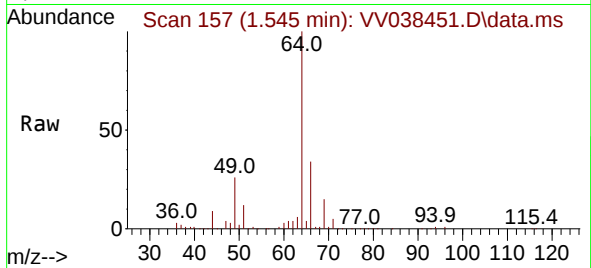




#8
Chloroethane
Concen: 5.393 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58

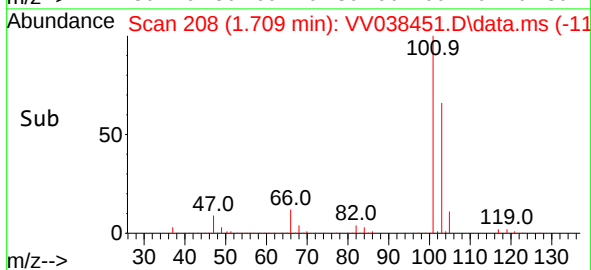
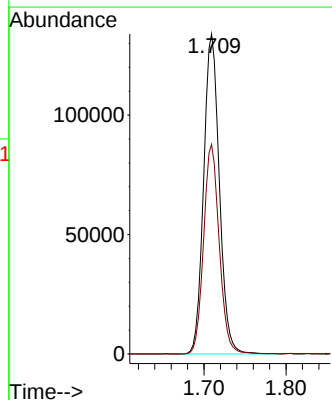
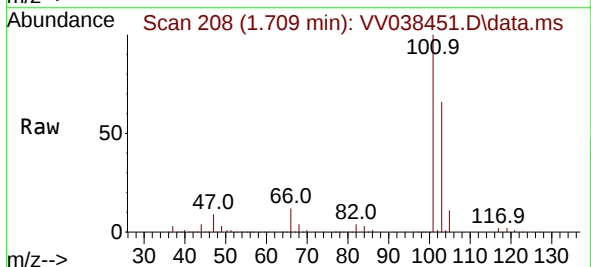
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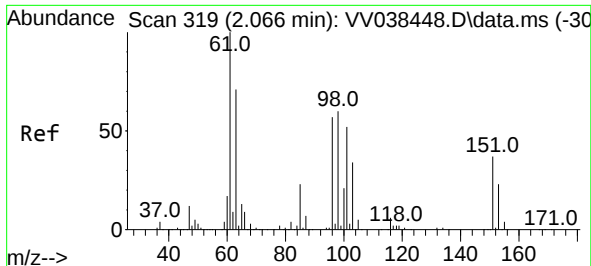
Tgt Ion: 64 Resp: 84631
Ion Ratio Lower Upper
64 100
66 33.7 22.7 42.1



#9
Trichlorofluoromethane
Concen: 5.098 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58

Tgt Ion:101 Resp: 178043
Ion Ratio Lower Upper
101 100
103 65.1 51.5 77.3

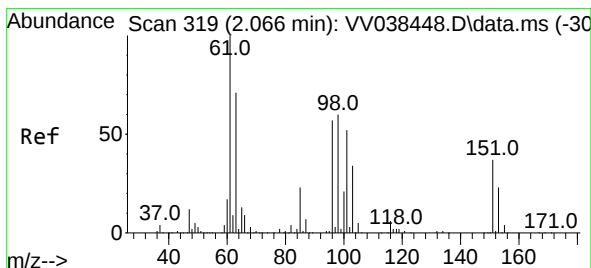
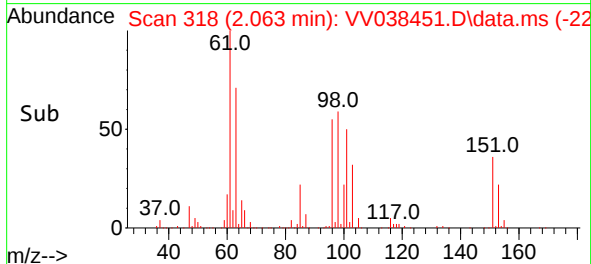
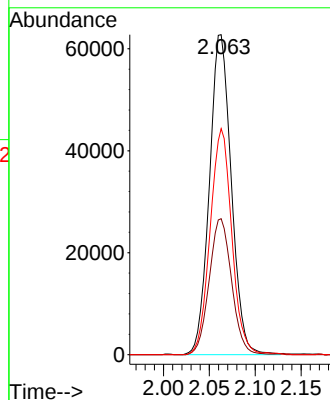
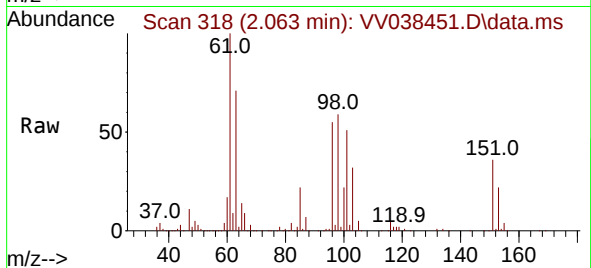




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.203 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV038451.D
 Acq: 17 Jan 2025 12:58

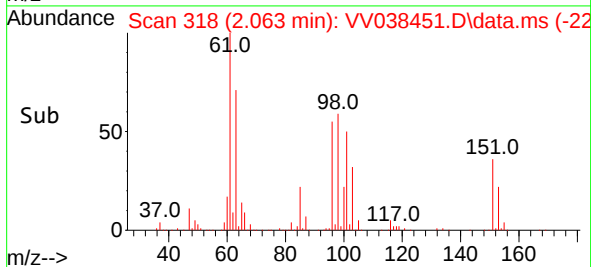
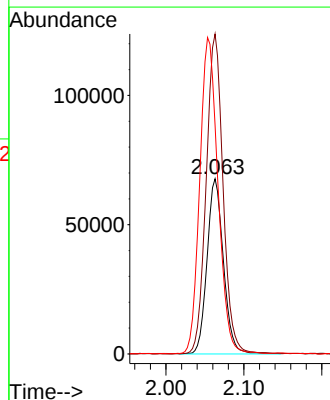
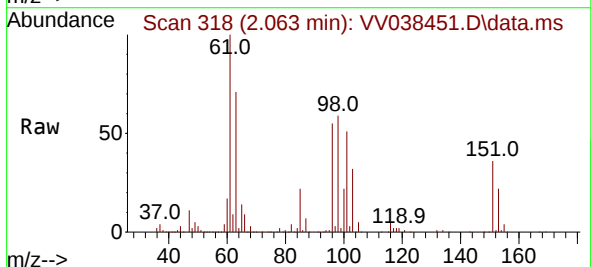
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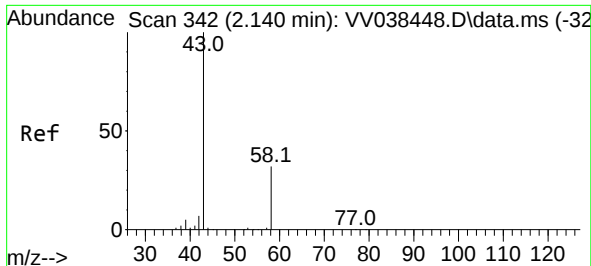
Tgt Ion:101 Resp: 104159
 Ion Ratio Lower Upper
 101 100
 85 43.4 35.2 52.8
 151 70.1 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 5.205 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV038451.D
 Acq: 17 Jan 2025 12:58

Tgt Ion: 96 Resp: 99178
 Ion Ratio Lower Upper
 96 100
 61 182.6 122.2 227.0
 63 130.4 86.2 160.0





#13

Acetone

Concen: 16.821 ug/L

RT: 2.156 min Scan# 34

Delta R.T. 0.016 min

Lab File: VV038451.D

Acq: 17 Jan 2025 12:58

Instrument :

MSVOA_V

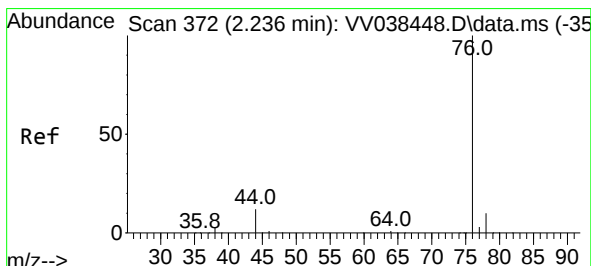
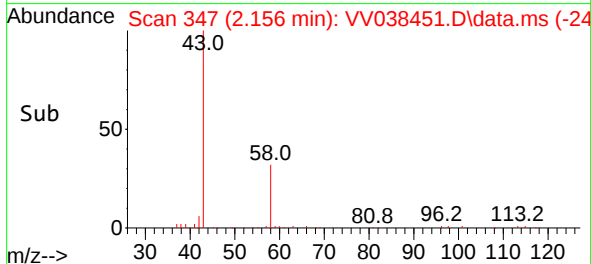
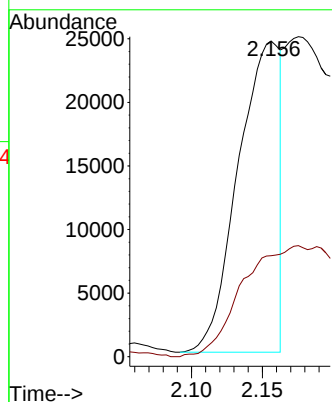
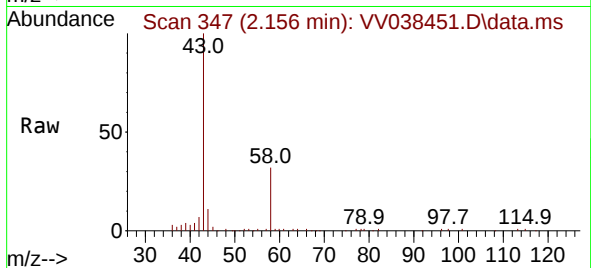
ClientSampleId :

Tgt Ion: 43 Resp: 50207

Ion Ratio Lower Upper

43 100

58 53.8 0.0 67.2



#14

Carbon disulfide

Concen: 5.673 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV038451.D

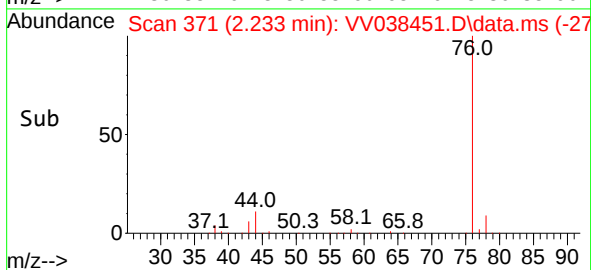
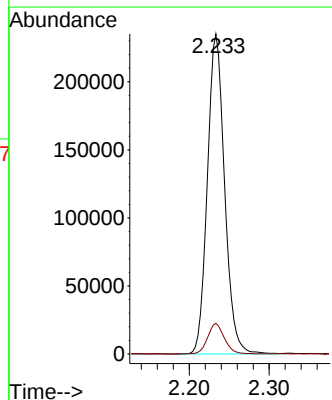
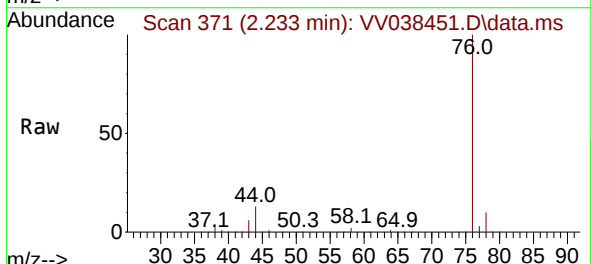
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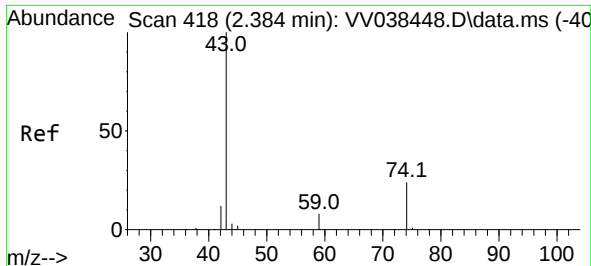
Tgt Ion: 76 Resp: 352908

Ion Ratio Lower Upper

76 100

78 9.5 7.6 11.4

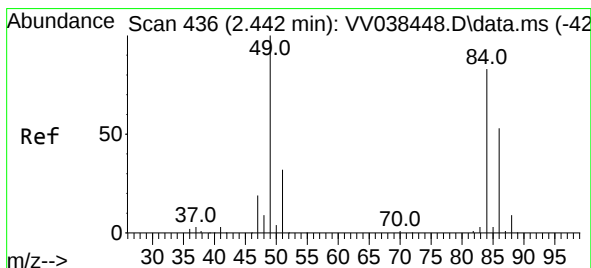
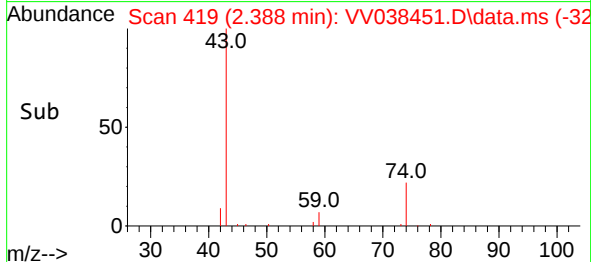
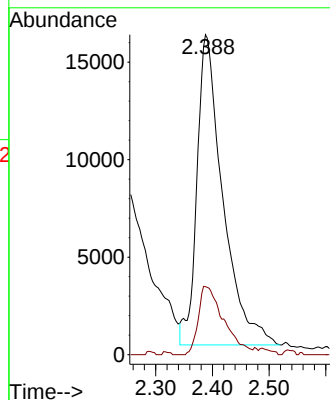
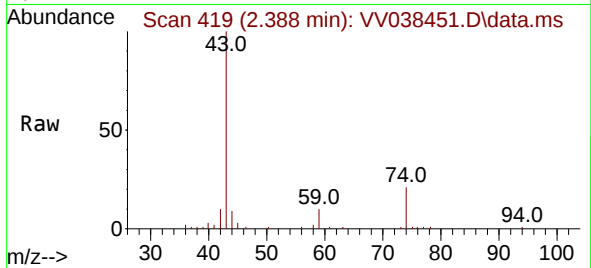




#15
Methyl Acetate
Concen: 6.829 ug/L
RT: 2.388 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58

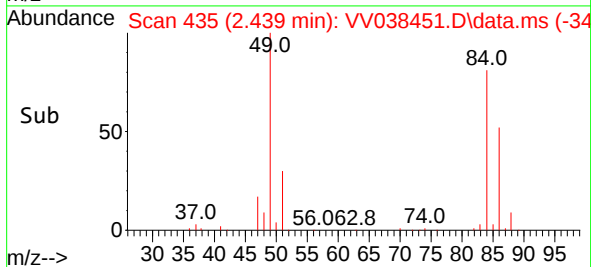
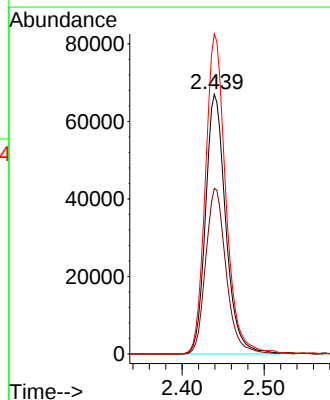
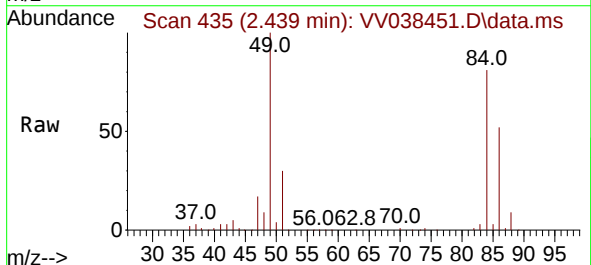
Instrument :
MSVOA_V
ClientSampleId :

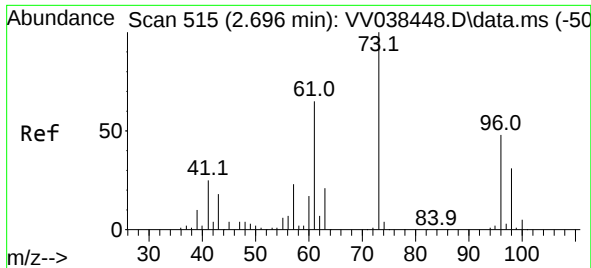
Tgt Ion: 43 Resp: 50533
Ion Ratio Lower Upper
43 100
74 21.6 20.4 30.6



#16
Methylene chloride
Concen: 5.351 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58

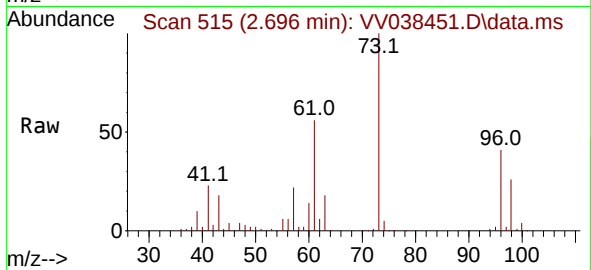
Tgt Ion: 84 Resp: 114667
Ion Ratio Lower Upper
84 100
86 63.7 44.7 82.9
49 123.2 84.1 156.1





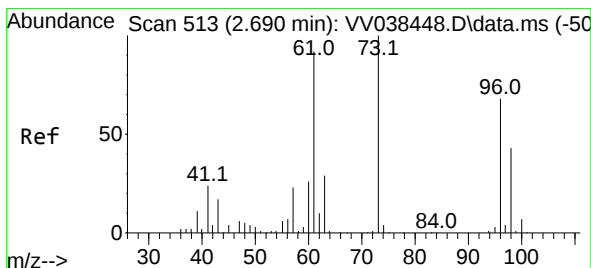
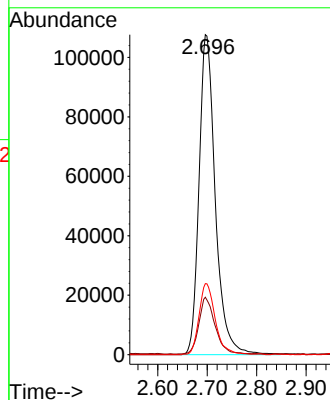
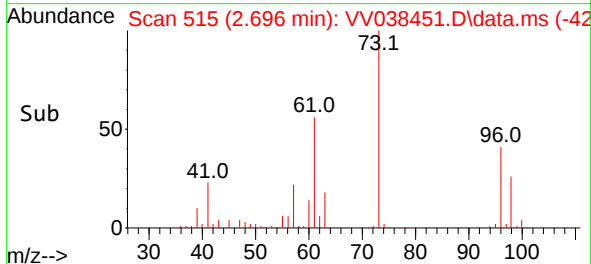
#17
Methyl tert-butyl Ether
Concen: 5.827 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58

Instrument :
MSVOA_V
ClientSampleId :

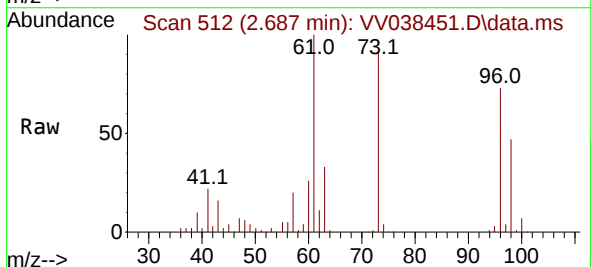


Tgt Ion: 73 Resp: 246522

Ion	Ratio	Lower	Upper
73	100		
43	17.6	14.6	21.8
57	22.1	17.9	26.9

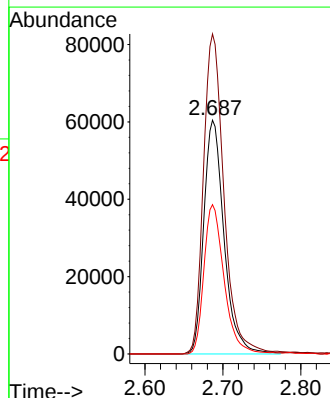
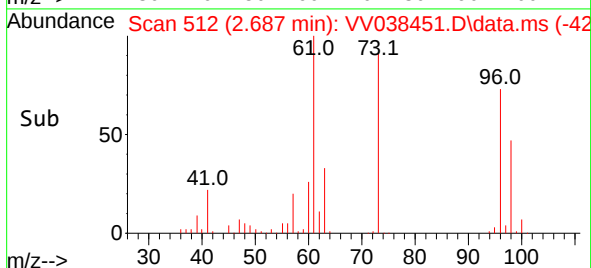


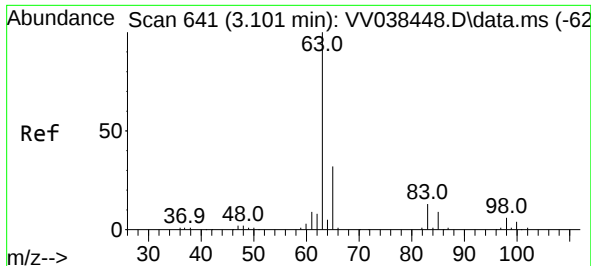
#18
trans-1,2-Dichloroethene
Concen: 5.506 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.003 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58



Tgt Ion: 96 Resp: 109229

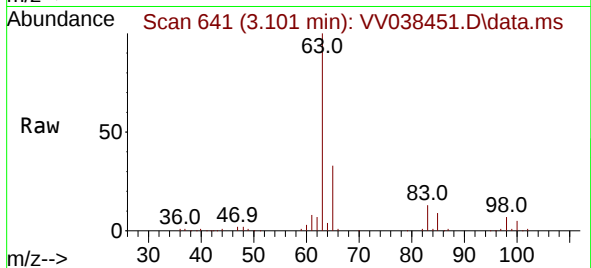
Ion	Ratio	Lower	Upper
96	100		
61	136.9	94.8	176.2
98	63.9	44.2	82.2



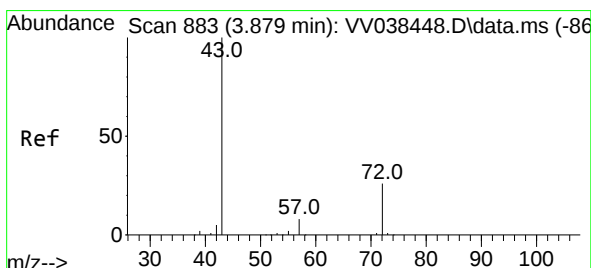
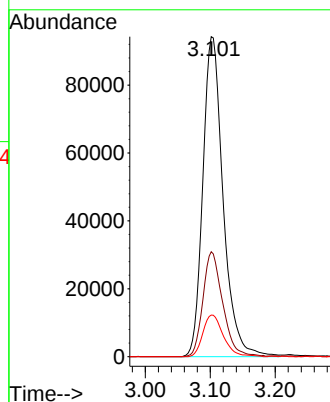
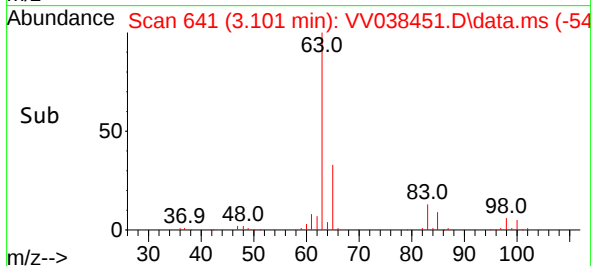


#19
1,1-Dichloroethane
Concen: 5.627 ug/L
RT: 3.101 min Scan# 641
Delta R.T. 0.000 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58

Instrument :
MSVOA_V
ClientSampleId :

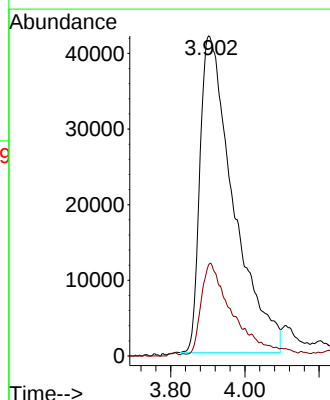
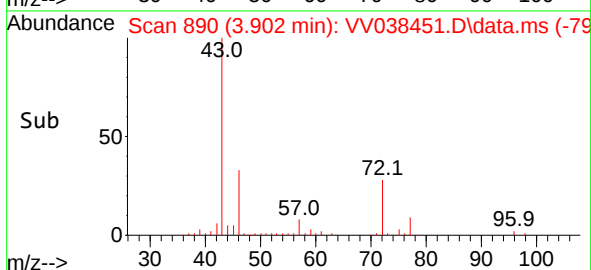
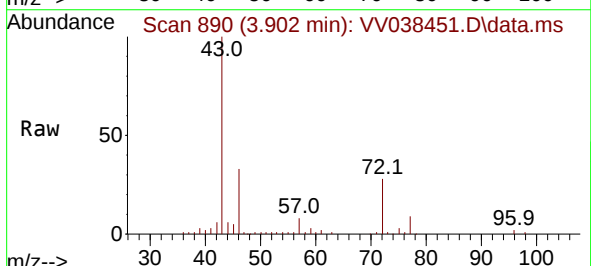


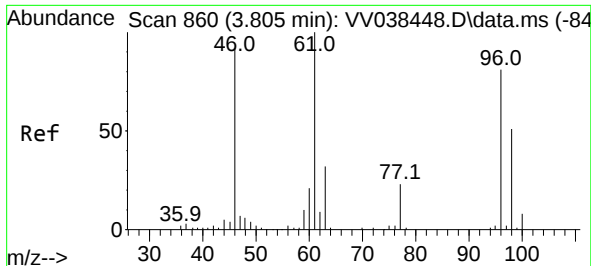
Tgt Ion: 63 Resp: 205295
Ion Ratio Lower Upper
63 100
65 32.8 22.5 41.9
83 13.0 9.4 17.6



#21
2-Butanone
Concen: 59.919 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.023 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58

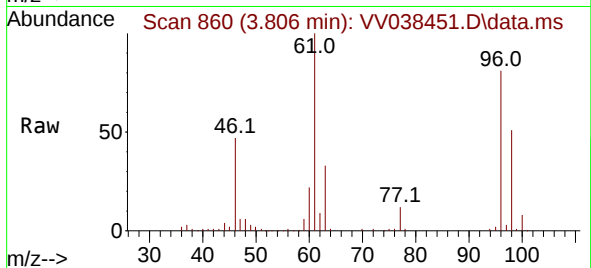
Tgt Ion: 43 Resp: 261371
Ion Ratio Lower Upper
43 100
72 23.4 12.2 36.4





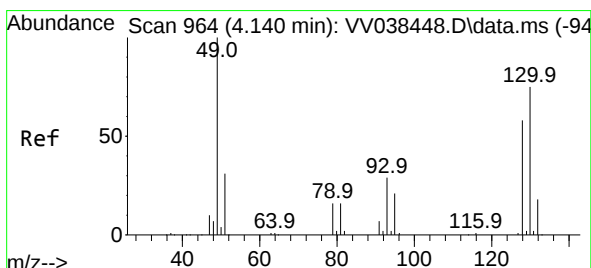
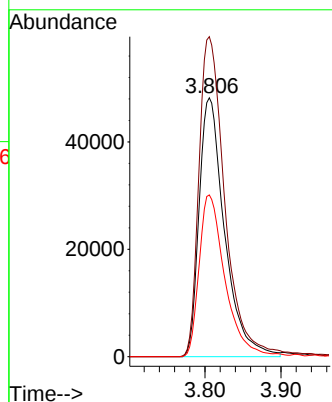
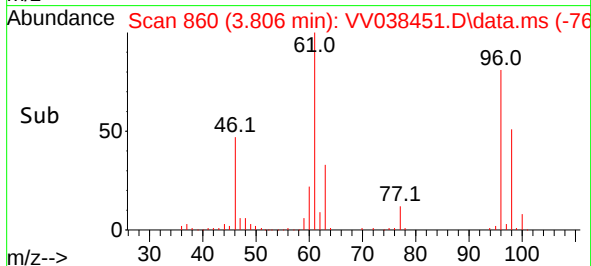
#22
 cis-1,2-Dichloroethene
 Concen: 5.465 ug/L
 RT: 3.806 min Scan# 860
 Delta R.T. 0.000 min
 Lab File: VV038451.D
 Acq: 17 Jan 2025 12:58

Instrument :
 MSVOA_V
 ClientSampleId :

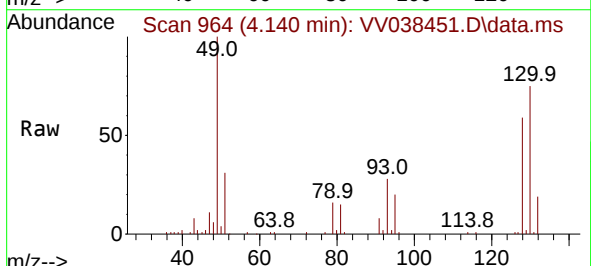


Tgt Ion: 96 Resp: 112299

Ion	Ratio	Lower	Upper
96	100		
61	123.6	86.5	160.7
98	62.5	43.8	81.3

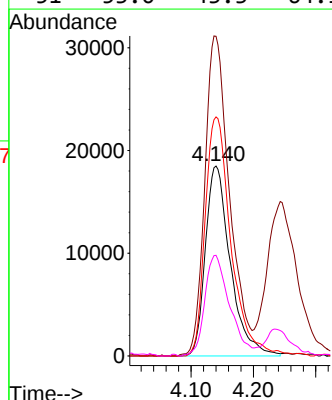
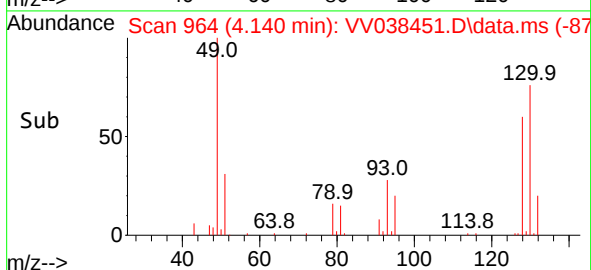


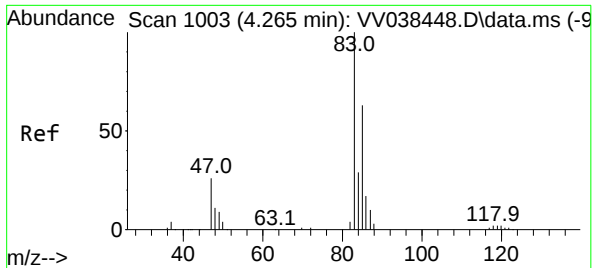
#23
 Bromochloromethane
 Concen: 5.179 ug/L
 RT: 4.140 min Scan# 964
 Delta R.T. 0.000 min
 Lab File: VV038451.D
 Acq: 17 Jan 2025 12:58



Tgt Ion: 128 Resp: 51425

Ion	Ratio	Lower	Upper
128	100		
49	168.3	121.0	224.8
130	125.8	90.1	167.3
51	53.0	43.3	64.9

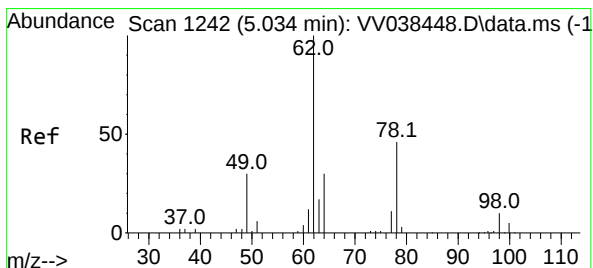
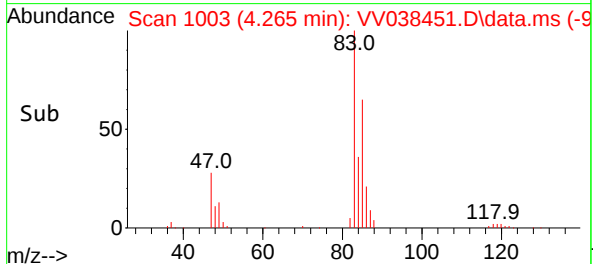
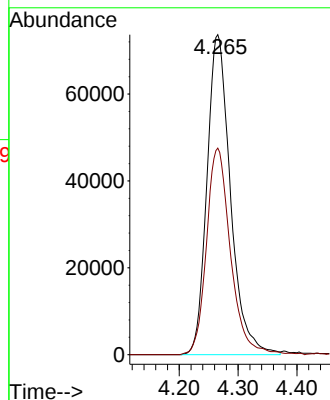
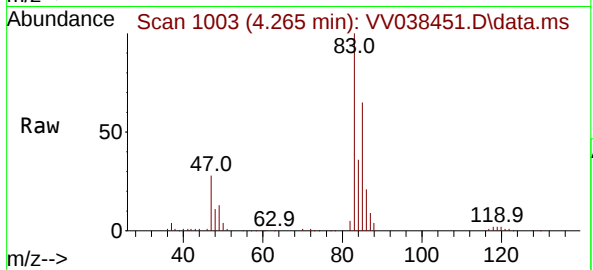




#25
Chloroform
Concen: 5.351 ug/L
RT: 4.265 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58

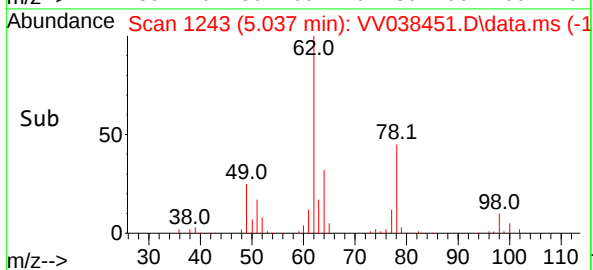
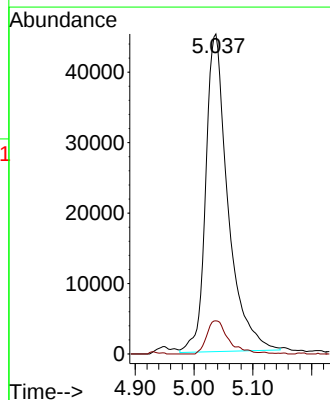
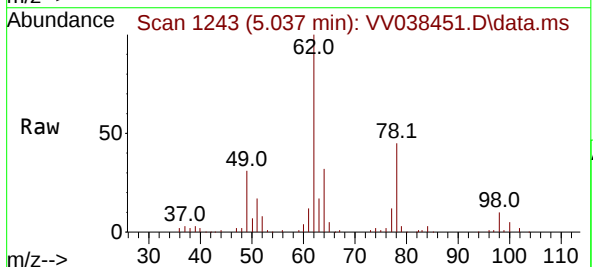
Instrument :
MSVOA_V
ClientSampleId :

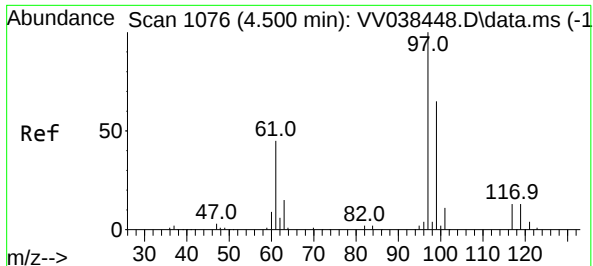
Tgt Ion: 83 Resp: 204501
Ion Ratio Lower Upper
83 100
85 64.6 44.0 81.8



#27
1,2-Dichloroethane
Concen: 5.655 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.003 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58

Tgt Ion: 62 Resp: 118505
Ion Ratio Lower Upper
62 100
98 10.3 7.8 11.6





#29

1,1,1-Trichloroethane

Concen: 5.470 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV038451.D

Acq: 17 Jan 2025 12:58

Instrument :

MSVOA_V

ClientSampleId :

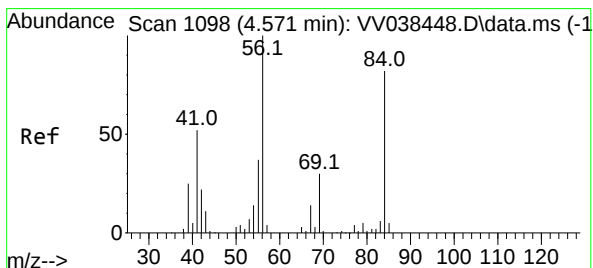
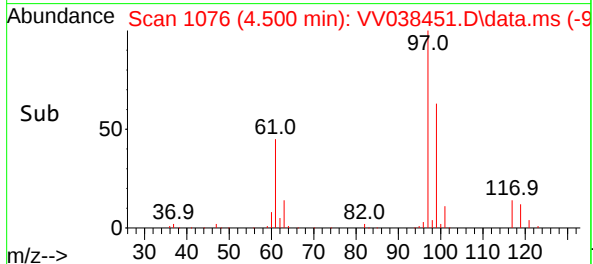
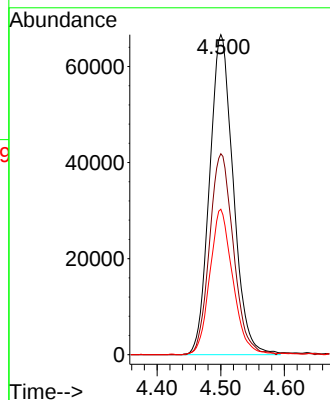
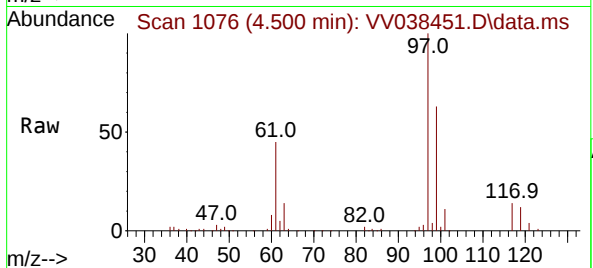
Tgt Ion: 97 Resp: 172255

Ion Ratio Lower Upper

97 100

99 63.4 52.9 79.3

61 44.2 36.4 54.6



#30

Cyclohexane

Concen: 6.154 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV038451.D

Acq: 17 Jan 2025 12:58

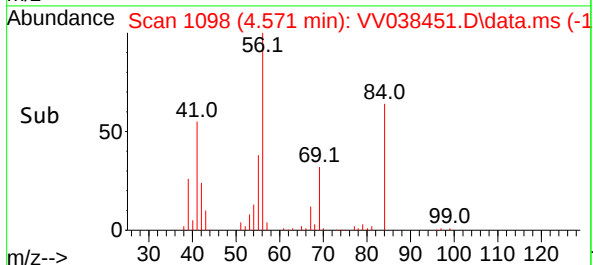
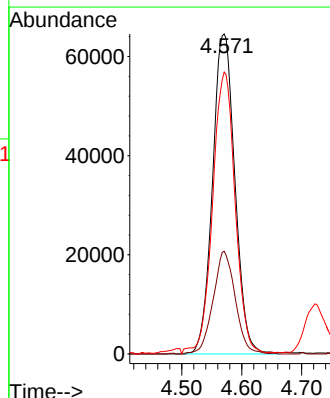
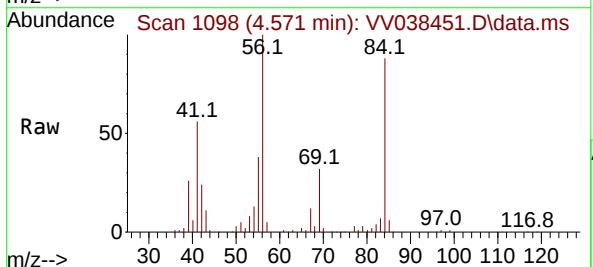
Tgt Ion: 56 Resp: 167406

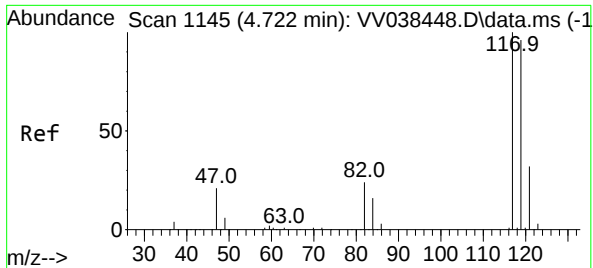
Ion Ratio Lower Upper

56 100

69 31.6 24.7 37.1

84 88.6 68.2 102.2

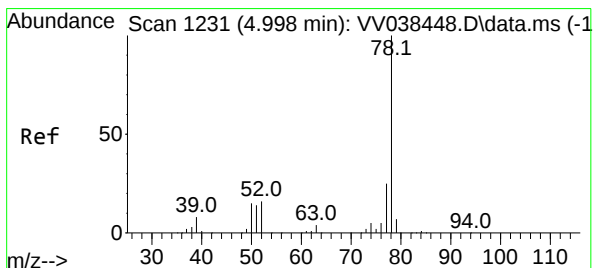
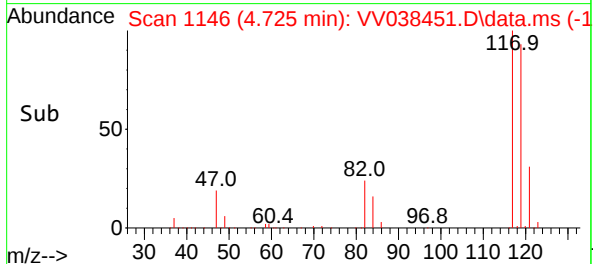
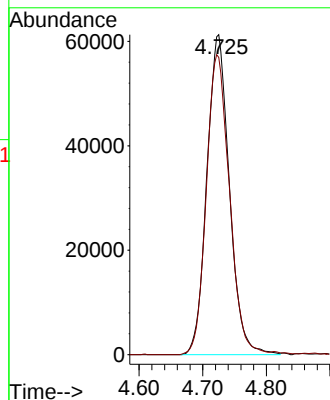
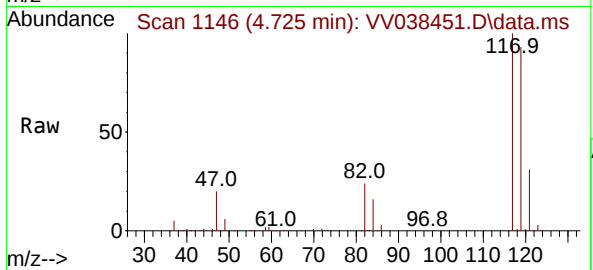




#31
Carbon tetrachloride
Concen: 5.392 ug/L
RT: 4.725 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58

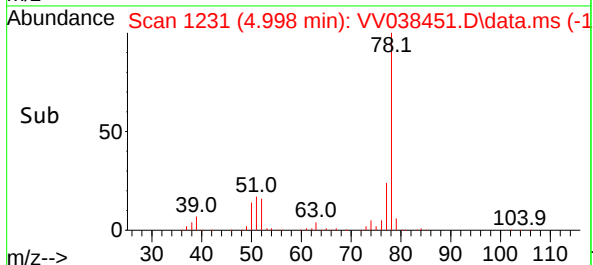
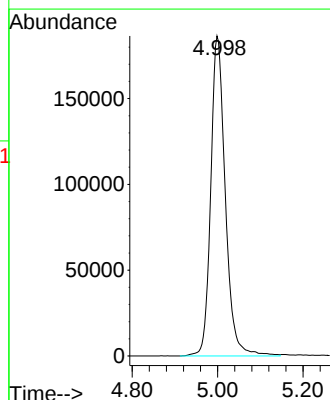
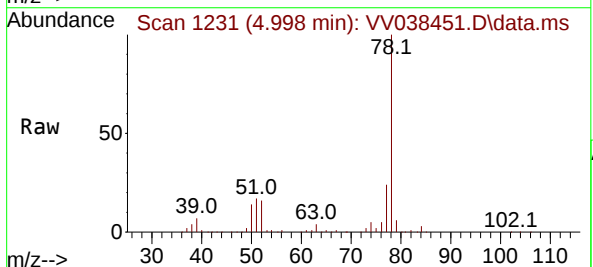
Instrument :
MSVOA_V
ClientSampleId :

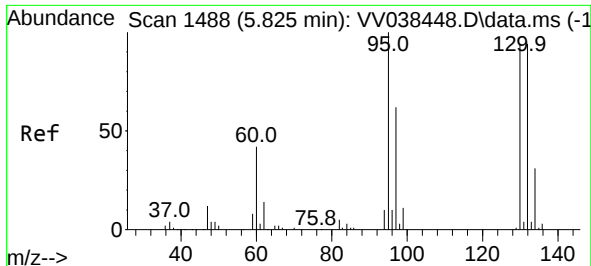
Tgt Ion:117 Resp: 150825
Ion Ratio Lower Upper
117 100
119 96.2 76.6 115.0



#33
Benzene
Concen: 5.939 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58

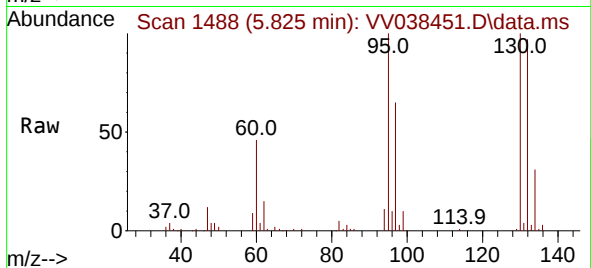
Tgt Ion: 78 Resp: 441857



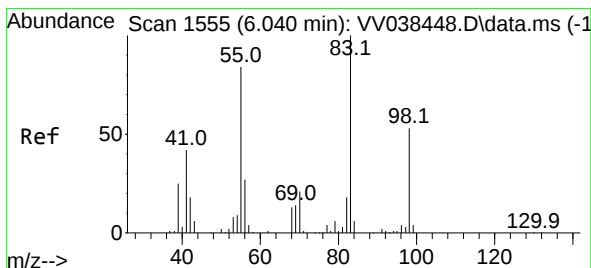
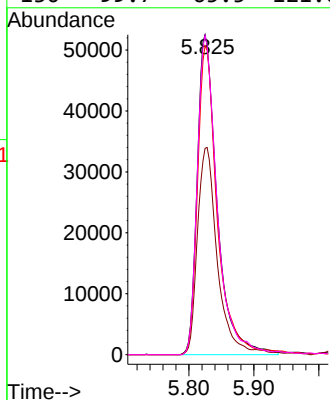
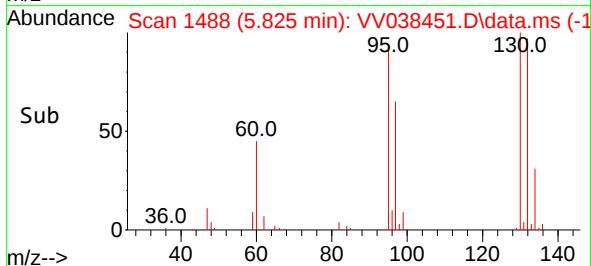


#34
Trichloroethene
Concen: 5.567 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58

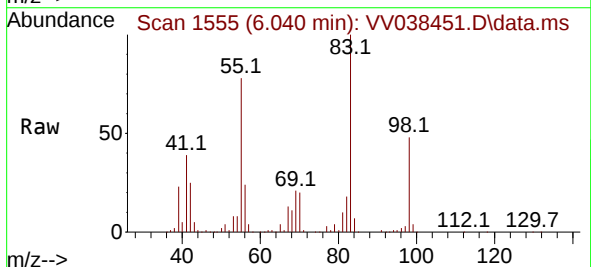
Instrument :
MSVOA_V
ClientSampleId :



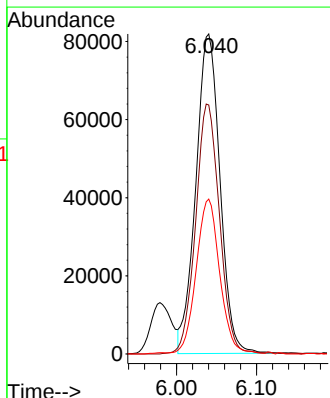
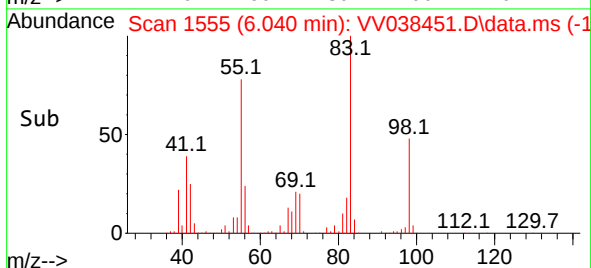
Tgt Ion: 95 Resp: 112387
Ion Ratio Lower Upper
95 100
97 64.5 43.4 80.6
132 96.5 65.5 121.6
130 99.7 65.5 121.6

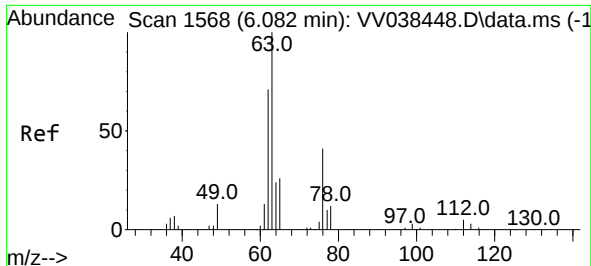


#35
Methylcyclohexane
Concen: 5.846 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58



Tgt Ion: 83 Resp: 172044
Ion Ratio Lower Upper
83 100
55 77.4 59.4 89.0
98 46.7 37.8 56.8





#37

1,2-Dichloropropane

Concen: 5.896 ug/L

RT: 6.082 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VV038451.D

Acq: 17 Jan 2025 12:58

Instrument :

MSVOA_V

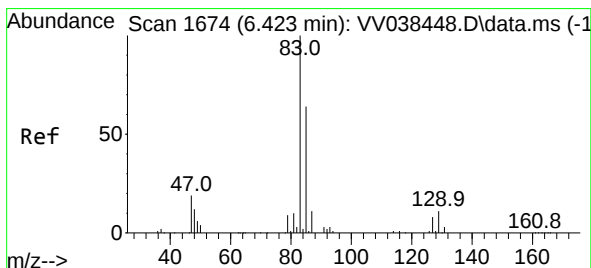
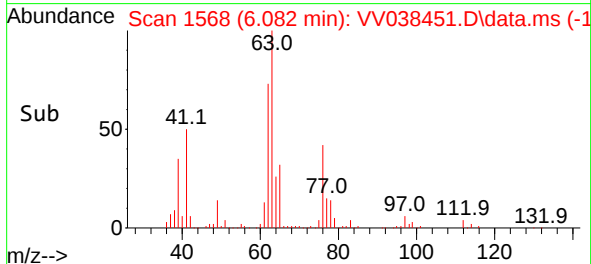
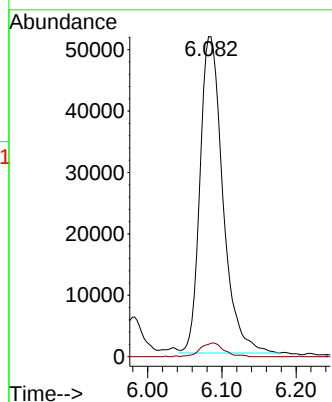
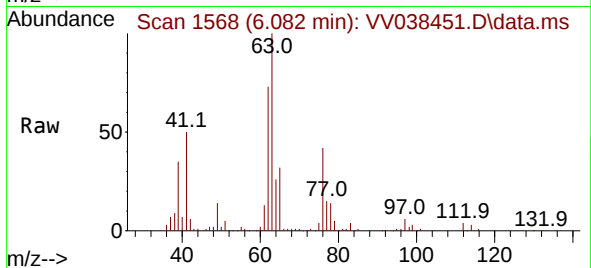
ClientSampleId :

Tgt Ion: 63 Resp: 110241

Ion Ratio Lower Upper

63 100

112 4.3 4.1 6.1



#38

Bromodichloromethane

Concen: 5.705 ug/L

RT: 6.423 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VV038451.D

Acq: 17 Jan 2025 12:58

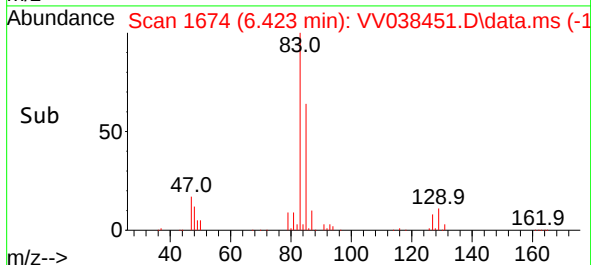
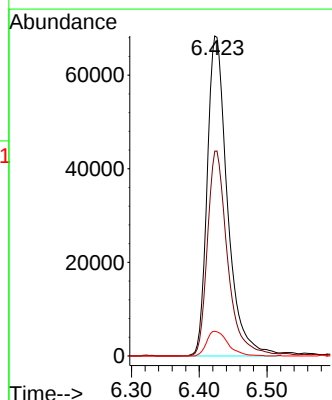
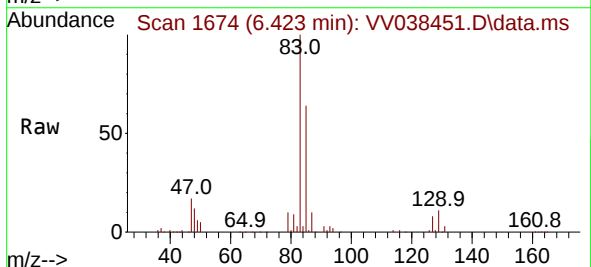
Tgt Ion: 83 Resp: 142046

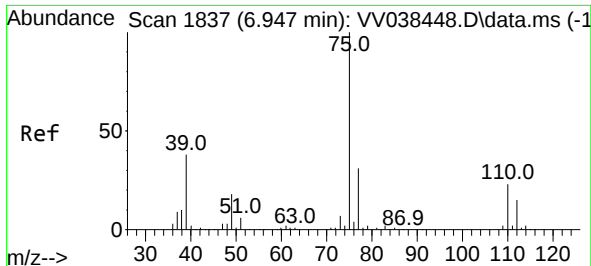
Ion Ratio Lower Upper

83 100

85 64.0 44.7 83.1

127 7.7 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 6.108 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. 0.000 min

Lab File: VV038451.D

Acq: 17 Jan 2025 12:58

Instrument :

MSVOA_V

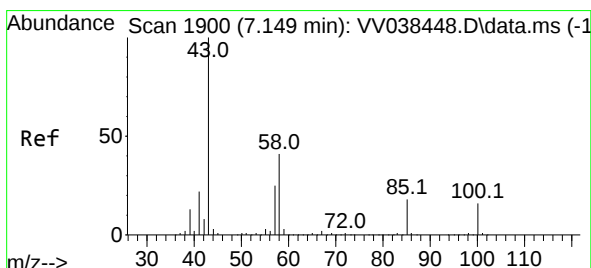
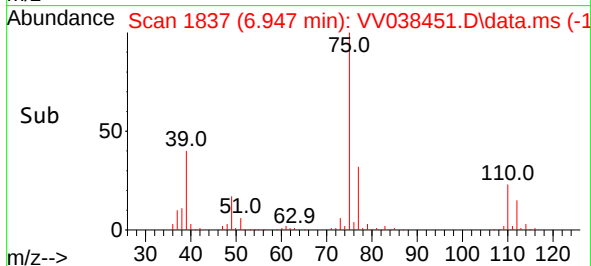
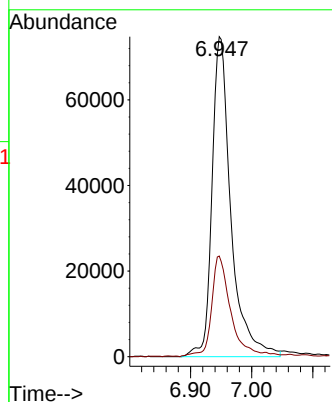
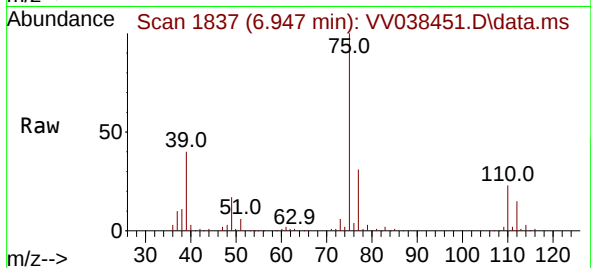
ClientSampleId :

Tgt Ion: 75 Resp: 160571

Ion Ratio Lower Upper

75 100

77 31.5 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 67.637 ug/L

RT: 7.149 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VV038451.D

Acq: 17 Jan 2025 12:58

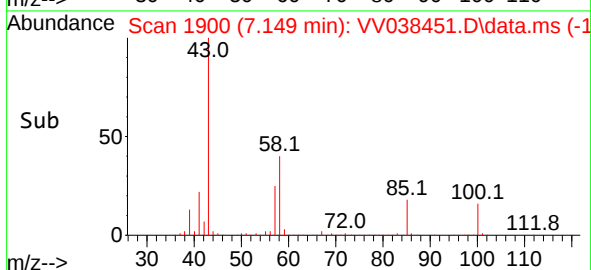
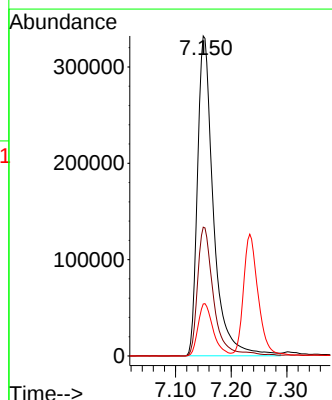
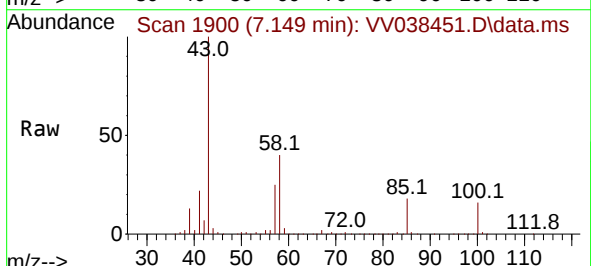
Tgt Ion: 43 Resp: 662224

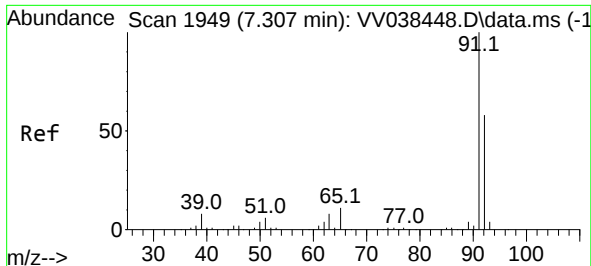
Ion Ratio Lower Upper

43 100

58 40.4 31.7 47.5

100 15.5 12.4 18.6





#42

Toluene

Concen: 5.855 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV038451.D

Acq: 17 Jan 2025 12:58

Instrument :

MSVOA_V

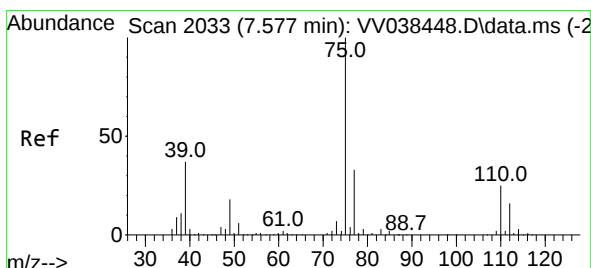
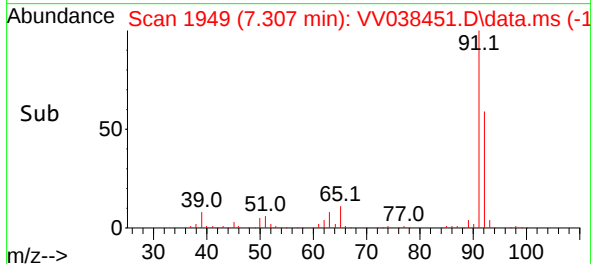
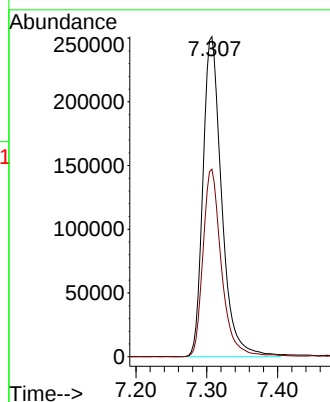
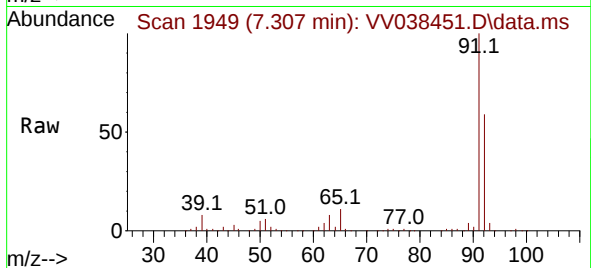
ClientSampleId :

Tgt Ion: 91 Resp: 461021

Ion Ratio Lower Upper

91 100

92 58.6 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 6.189 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV038451.D

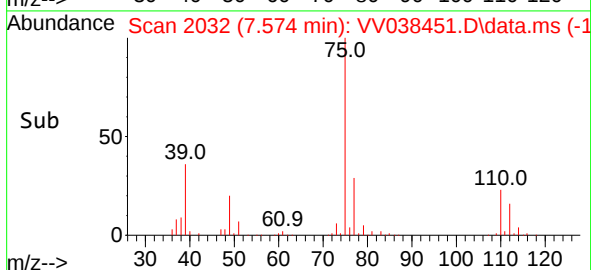
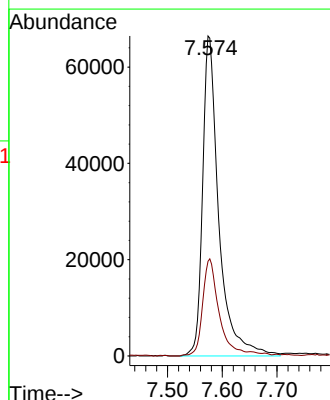
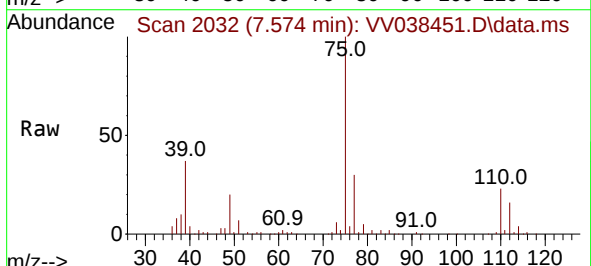
Acq: 17 Jan 2025 12:58

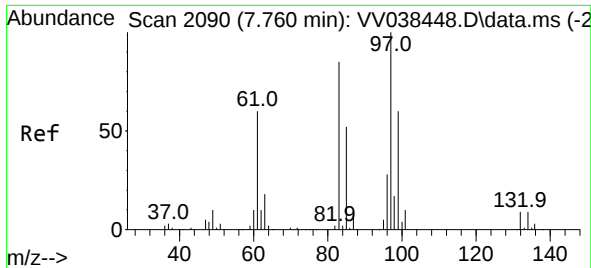
Tgt Ion: 75 Resp: 136687

Ion Ratio Lower Upper

75 100

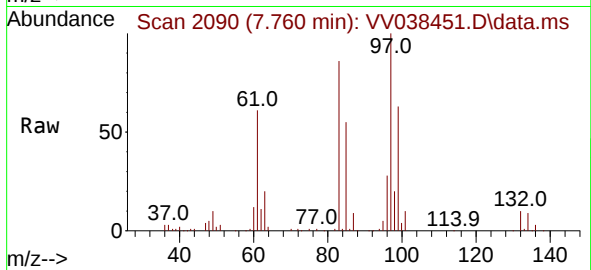
77 29.6 22.8 42.4



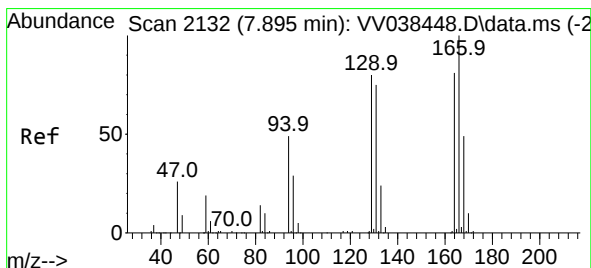
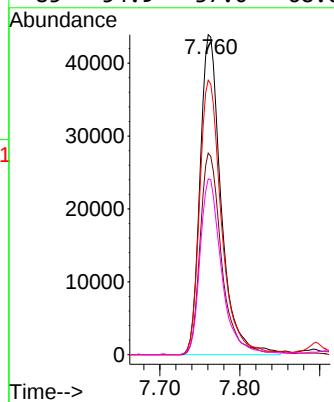
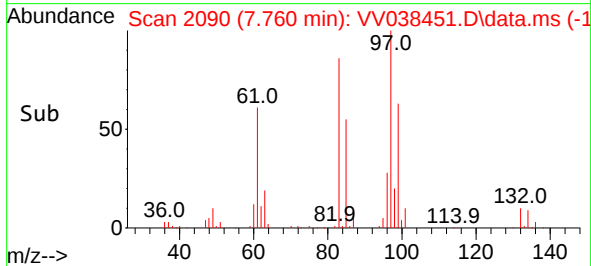


#45
1,1,2-Trichloroethane
Concen: 5.438 ug/L
RT: 7.760 min Scan# 2090
Delta R.T. 0.000 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58

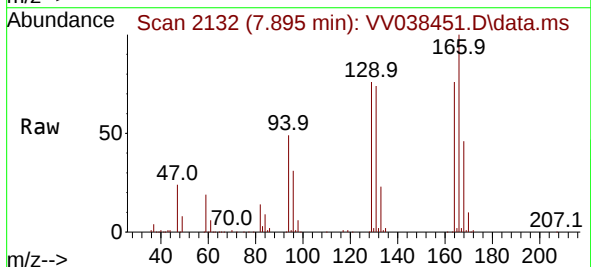
Instrument :
MSVOA_V
ClientSampleId :



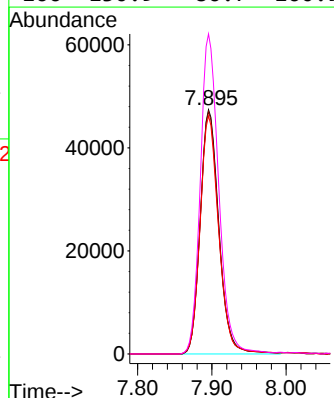
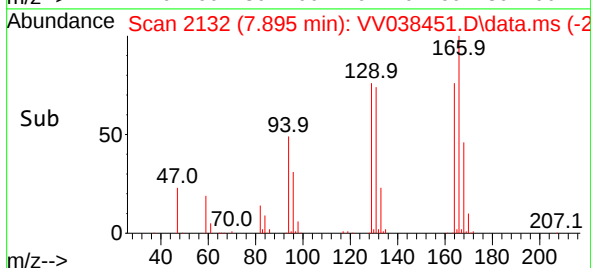
Tgt Ion:	97	Resp:	80624
Ion	Ratio	Lower	Upper
97	100		
99	63.0	42.3	78.5
83	85.8	59.4	110.4
85	54.9	37.0	68.6

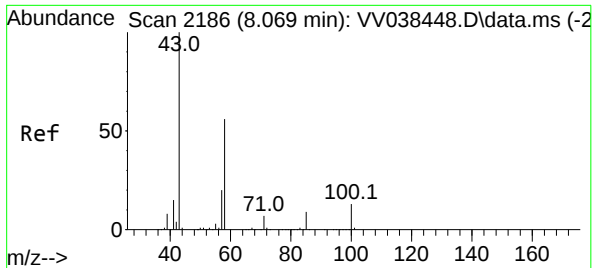


#47
Tetrachloroethene
Concen: 5.142 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58



Tgt Ion:	164	Resp:	83003
Ion	Ratio	Lower	Upper
164	100		
129	99.2	68.9	127.9
131	97.4	65.2	121.2
166	130.9	86.7	160.9

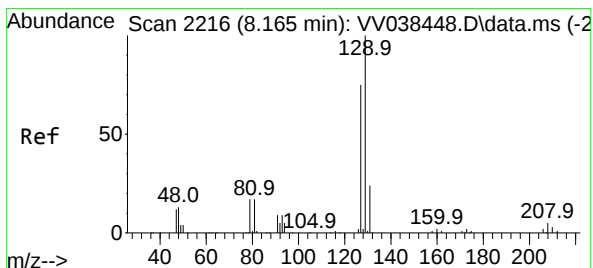
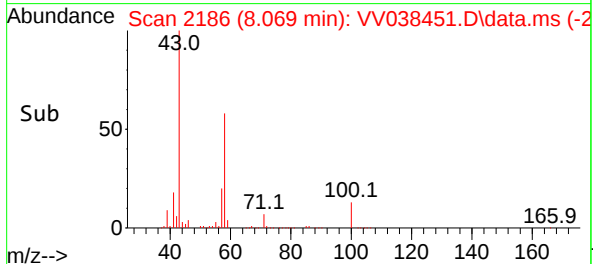
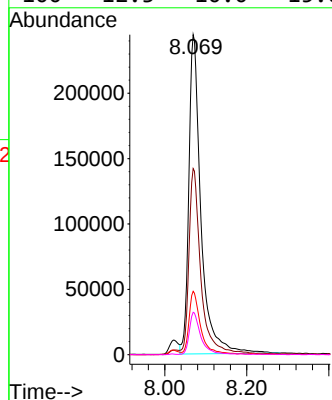
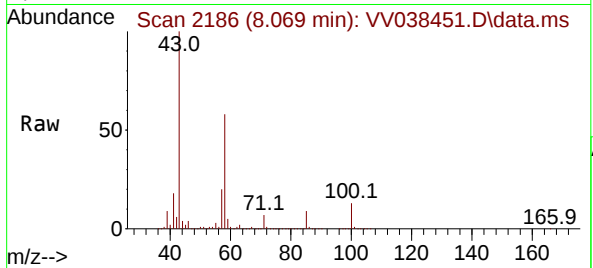




#48
2-Hexanone
Concen: 69.962 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58

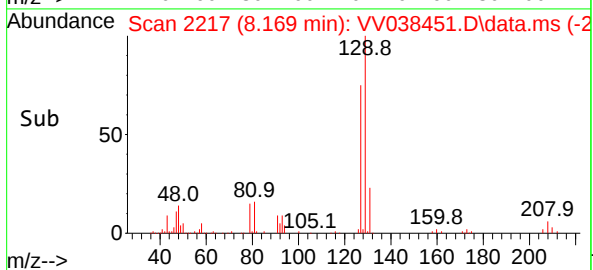
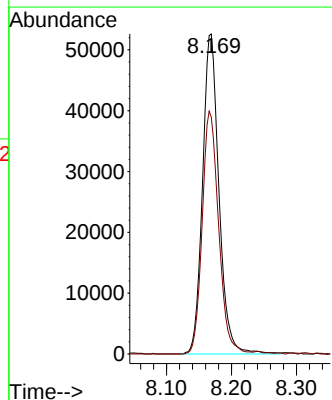
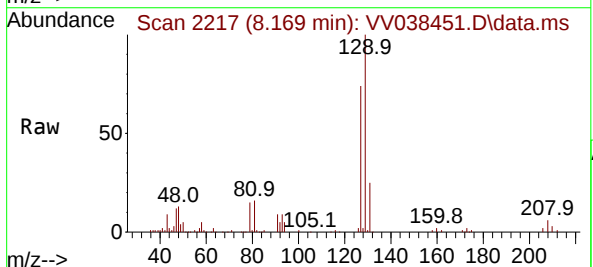
Instrument :
MSVOA_V
ClientSampleId :

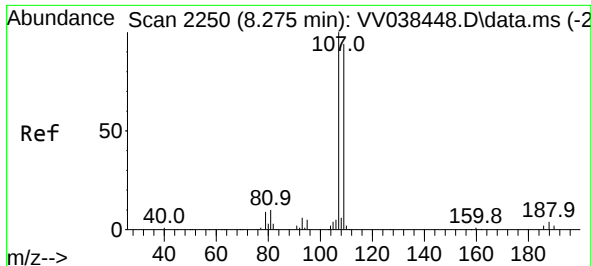
Tgt Ion: 43 Resp: 502624
Ion Ratio Lower Upper
43 100
58 54.3 43.6 65.4
57 18.5 15.0 22.4
100 12.3 10.0 15.0



#49
Dibromochloromethane
Concen: 5.657 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58

Tgt Ion: 129 Resp: 92721
Ion Ratio Lower Upper
129 100
127 74.1 52.8 98.2

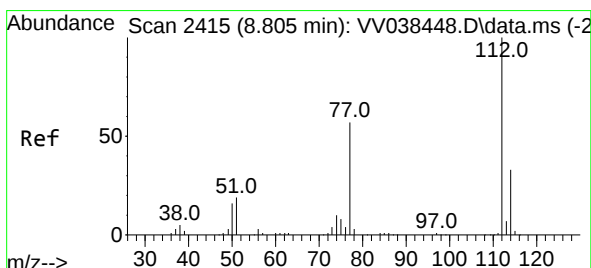
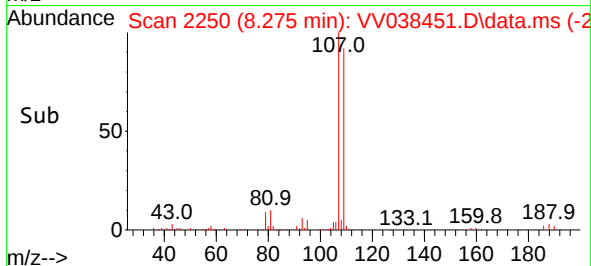
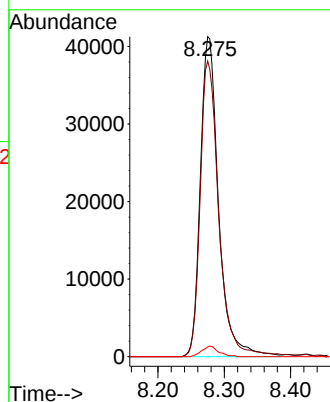
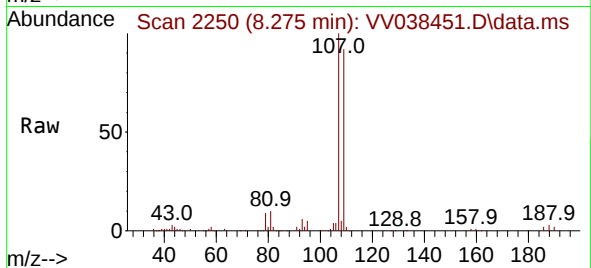




#50
1,2-Dibromoethane
Concen: 5.710 ug/L
RT: 8.275 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58

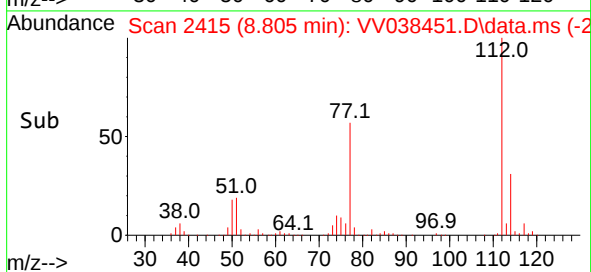
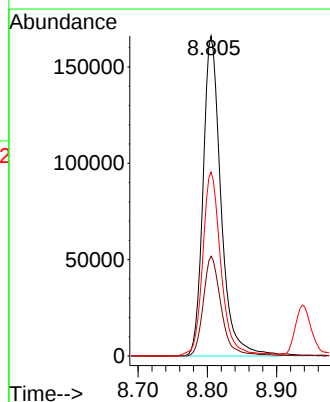
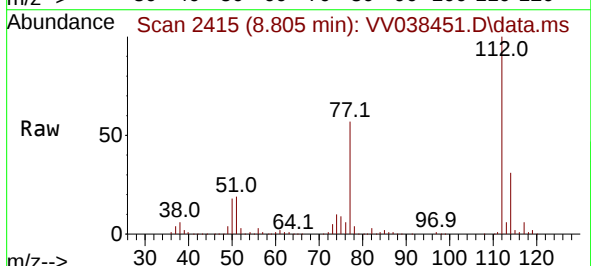
Instrument :
MSVOA_V
ClientSampleId :

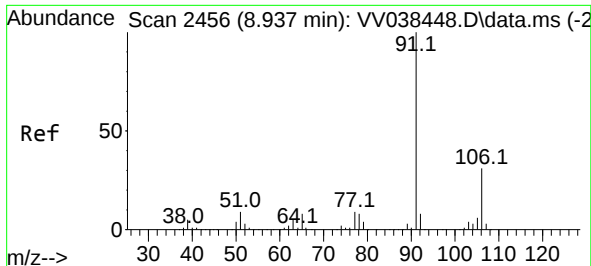
Tgt Ion:107 Resp: 78616
Ion Ratio Lower Upper
107 100
109 92.4 65.9 122.3
188 3.0 2.8 4.2



#51
Chlorobenzene
Concen: 5.546 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58

Tgt Ion:112 Resp: 298036
Ion Ratio Lower Upper
112 100
114 31.2 22.9 42.5
77 57.4 46.1 69.1





#52

Ethylbenzene

Concen: 5.826 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV038451.D

Acq: 17 Jan 2025 12:58

Instrument :

MSVOA_V

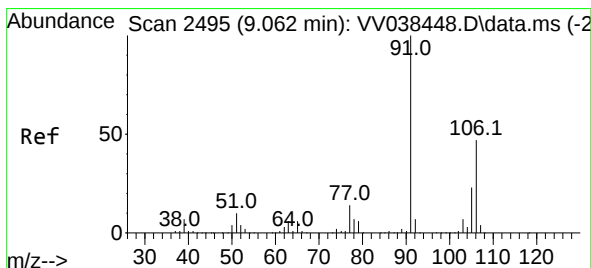
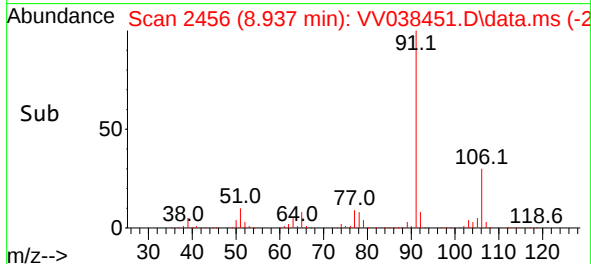
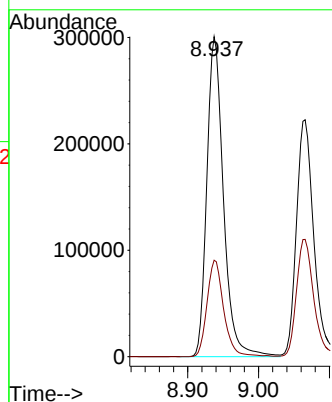
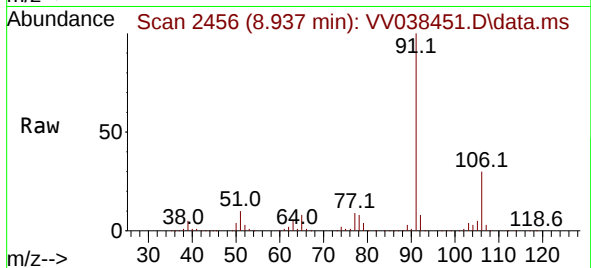
ClientSampleId :

Tgt Ion: 91 Resp: 489132

Ion Ratio Lower Upper

91 100

106 30.1 22.0 40.8



#53

m,p-Xylene

Concen: 5.895 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.003 min

Lab File: VV038451.D

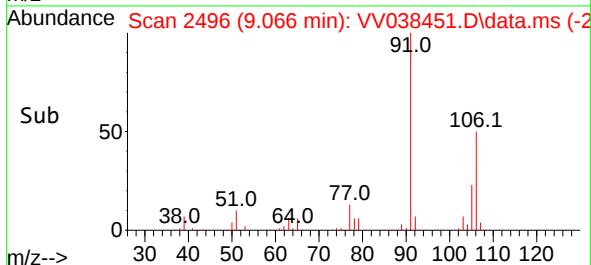
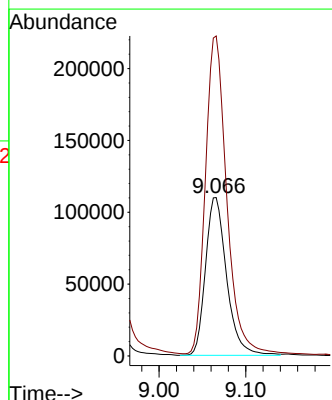
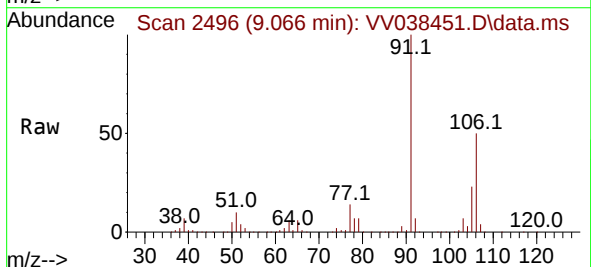
Acq: 17 Jan 2025 12:58

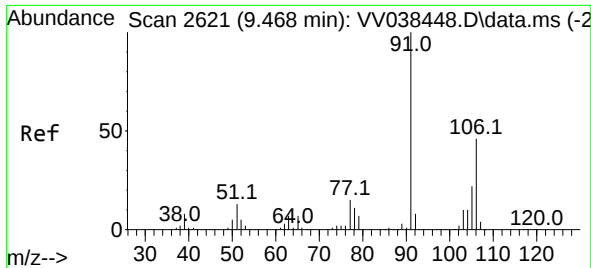
Tgt Ion: 106 Resp: 185712

Ion Ratio Lower Upper

106 100

91 201.9 148.2 275.2

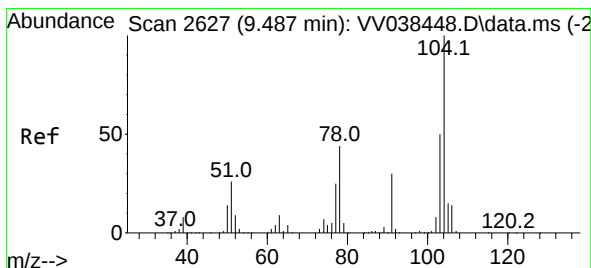
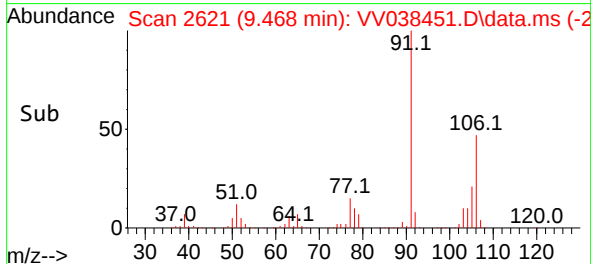
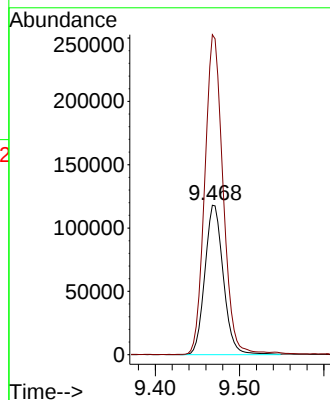
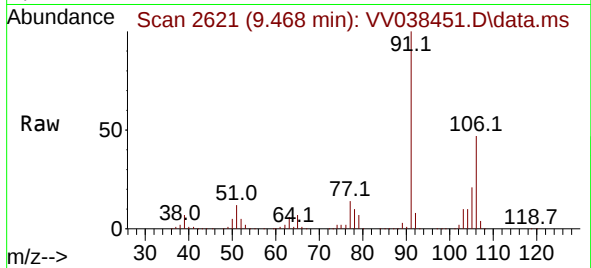




#54
o-Xylene
Concen: 5.865 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58

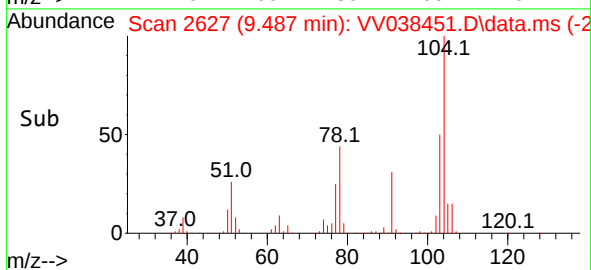
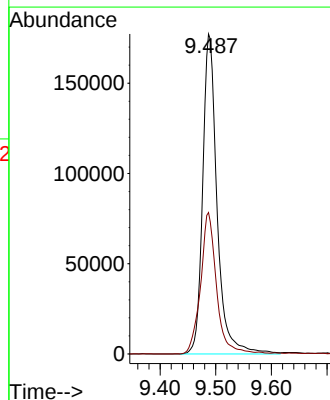
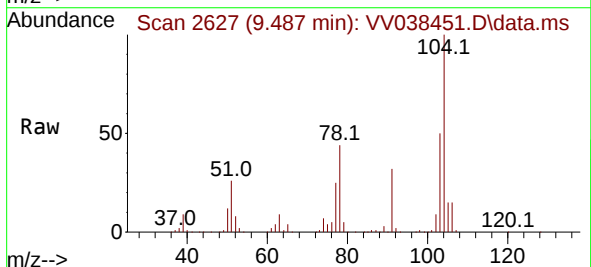
Instrument :
MSVOA_V
ClientSampleId :

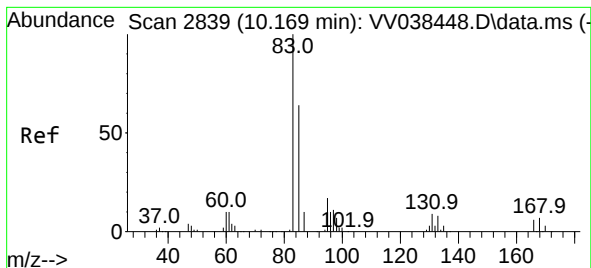
Tgt Ion:106 Resp: 180331
Ion Ratio Lower Upper
106 100
91 214.1 151.4 281.2



#55
Styrene
Concen: 5.934 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58

Tgt Ion:104 Resp: 318767
Ion Ratio Lower Upper
104 100
78 44.2 30.8 57.2

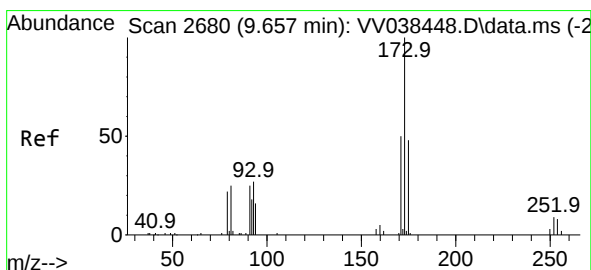
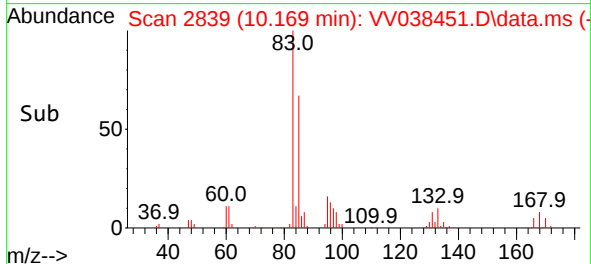
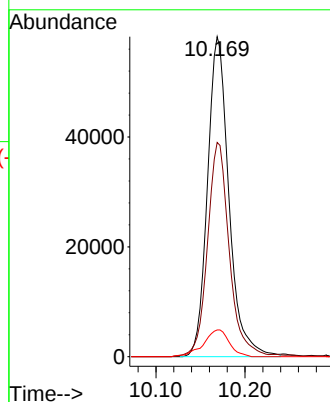
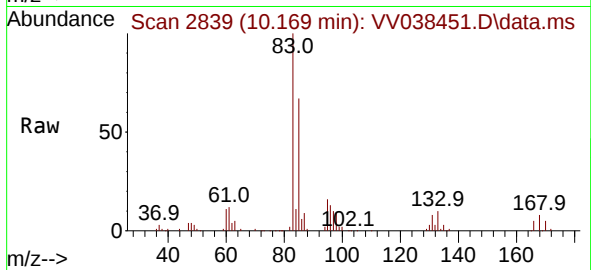




#57
1,1,2,2-Tetrachloroethane
Concen: 5.611 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. 0.000 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58

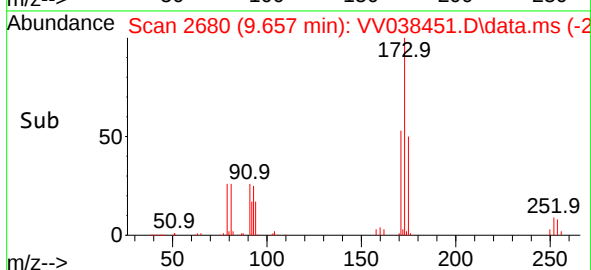
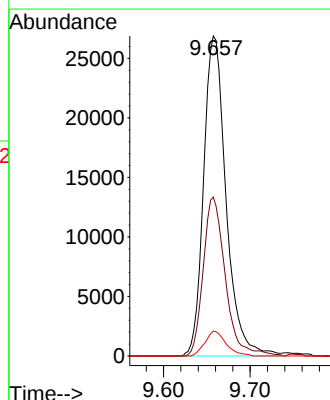
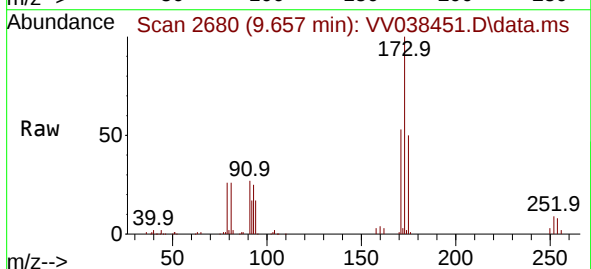
Instrument :
MSVOA_V
ClientSampleId :

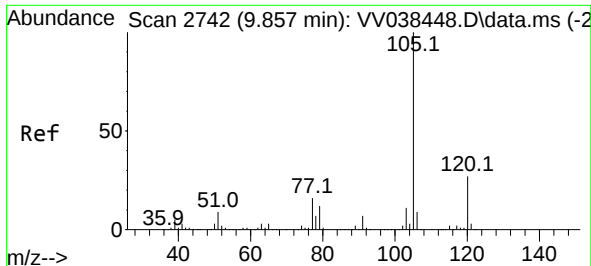
Tgt Ion: 83 Resp: 97237
Ion Ratio Lower Upper
83 100
85 66.9 45.1 83.7
131 8.4 7.5 11.3



#59
Bromoform
Concen: 5.936 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.000 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58

Tgt Ion: 173 Resp: 48407
Ion Ratio Lower Upper
173 100
175 48.7 37.6 56.4
254 7.3 5.6 8.4

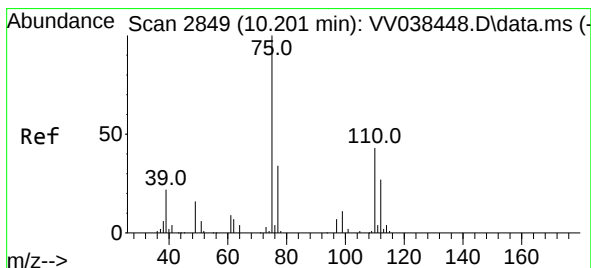
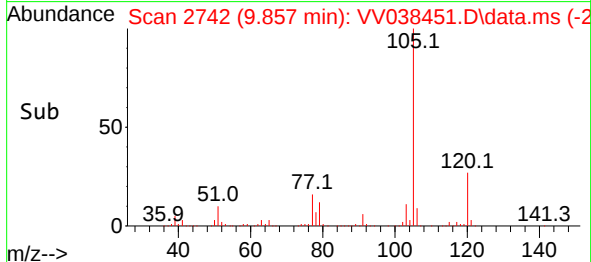
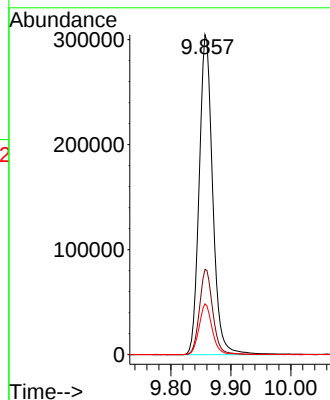
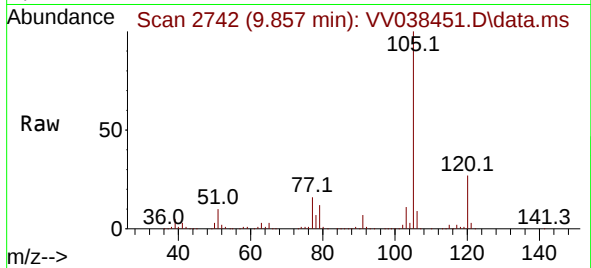




#60
Isopropylbenzene
Concen: 5.926 ug/L
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58

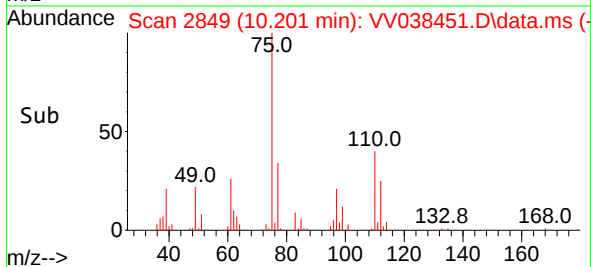
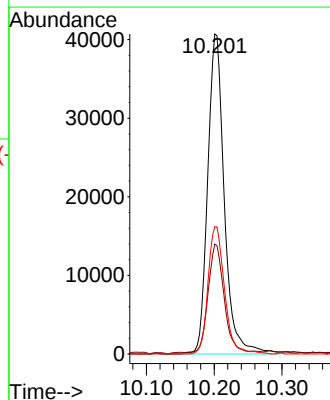
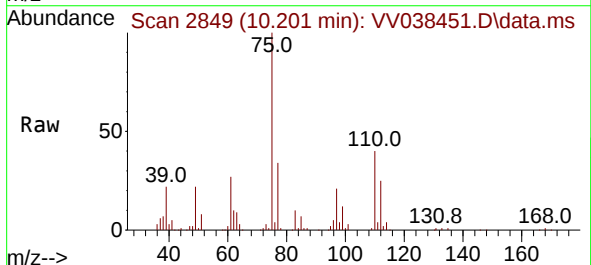
Instrument :
MSVOA_V
ClientSampleId :

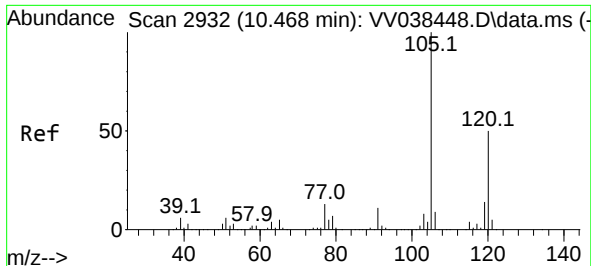
Tgt Ion:105 Resp: 477992
Ion Ratio Lower Upper
105 100
120 26.3 21.4 32.2
77 15.2 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 5.932 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.000 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58

Tgt Ion: 75 Resp: 69434
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0
110 39.6 32.6 48.8





#62

1,3,5-Trimethylbenzene

Concen: 5.849 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV038451.D

Acq: 17 Jan 2025 12:58

Instrument :

MSVOA_V

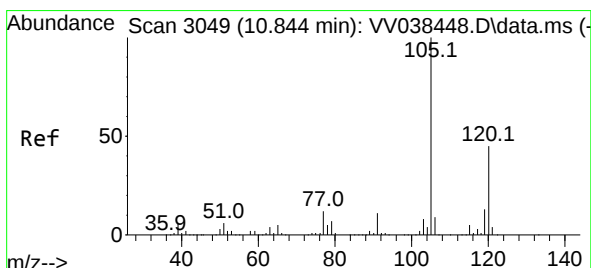
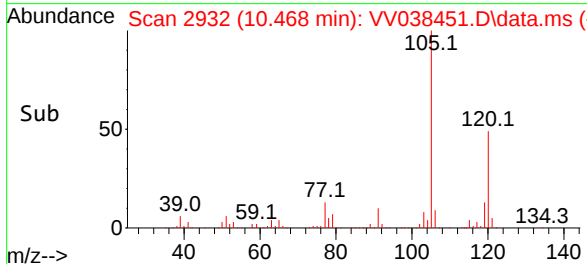
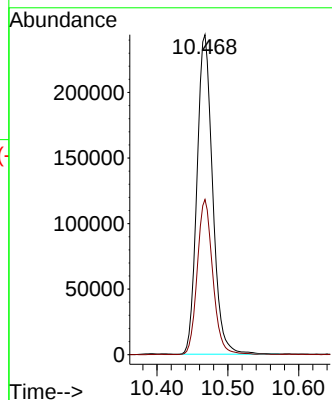
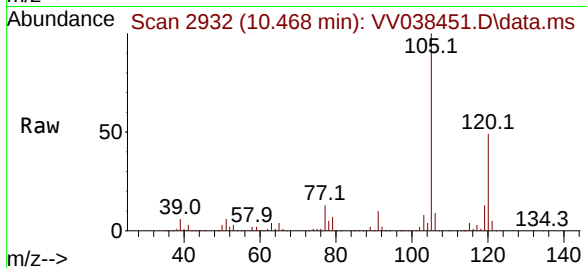
ClientSampleId :

Tgt Ion:105 Resp: 373478

Ion Ratio Lower Upper

105 100

120 48.1 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 5.902 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV038451.D

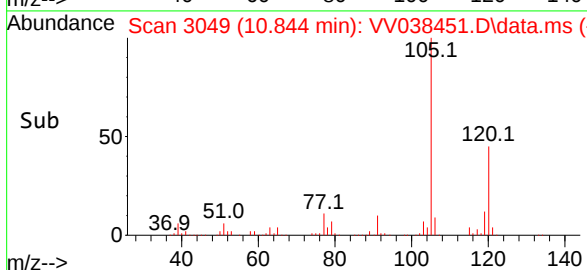
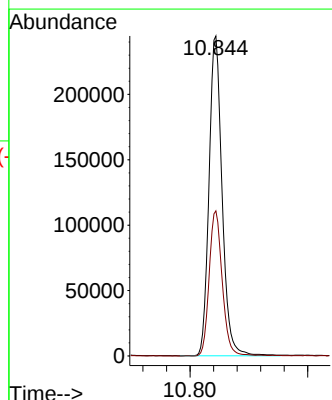
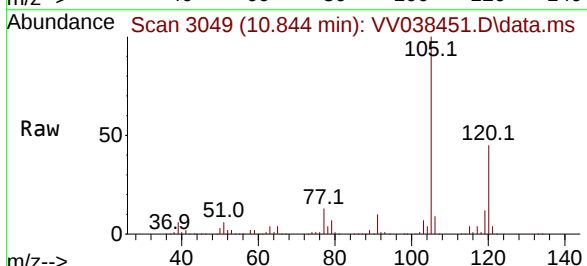
Acq: 17 Jan 2025 12:58

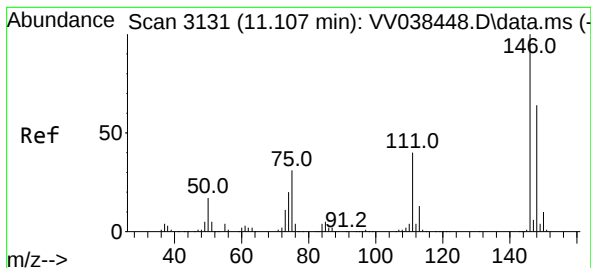
Tgt Ion:105 Resp: 377873

Ion Ratio Lower Upper

105 100

120 45.2 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 5.571 ug/L

RT: 11.108 min Scan# 3131

Delta R.T. 0.000 min

Lab File: VV038451.D

Acq: 17 Jan 2025 12:58

Instrument :

MSVOA_V

ClientSampleId :

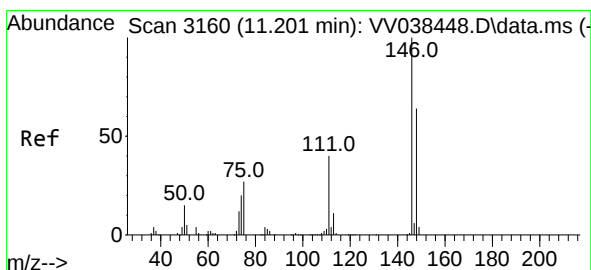
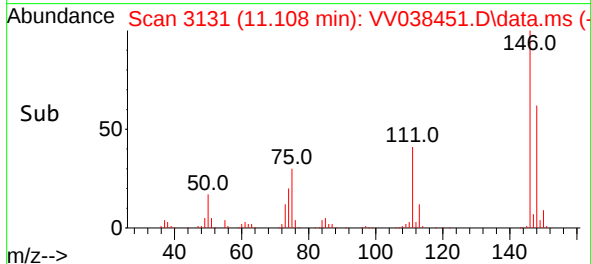
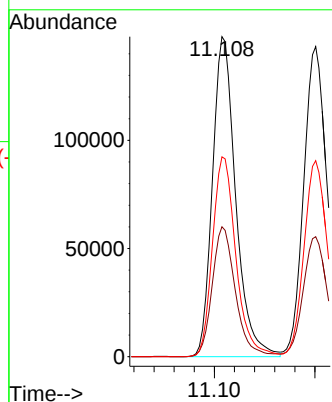
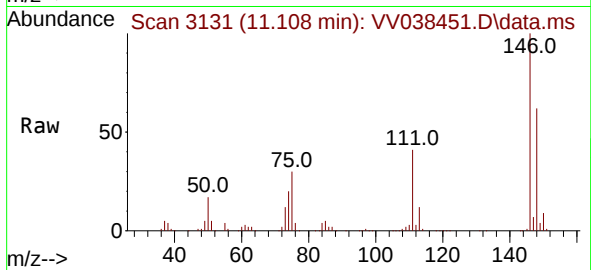
Tgt Ion:146 Resp: 237560

Ion Ratio Lower Upper

146 100

111 40.6 27.9 51.9

148 62.5 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 5.638 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV038451.D

Acq: 17 Jan 2025 12:58

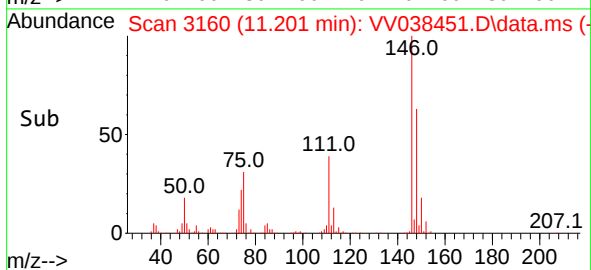
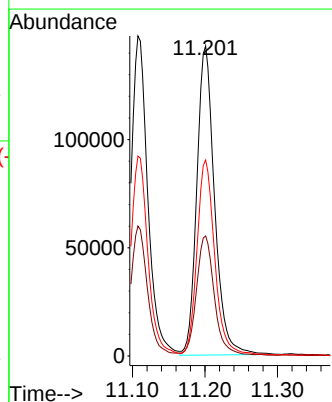
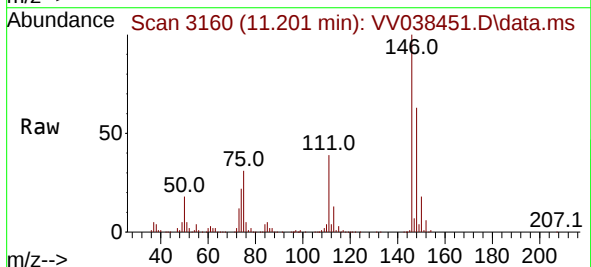
Tgt Ion:146 Resp: 243294

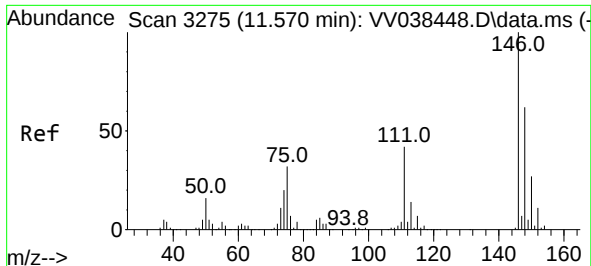
Ion Ratio Lower Upper

146 100

111 38.7 28.1 52.3

148 63.2 44.7 83.1

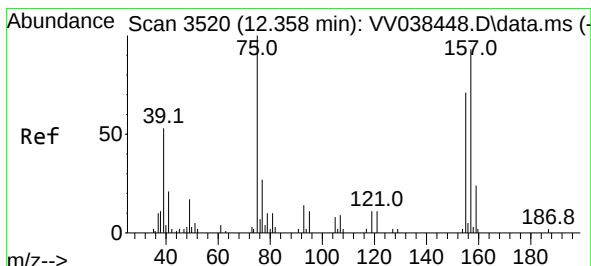
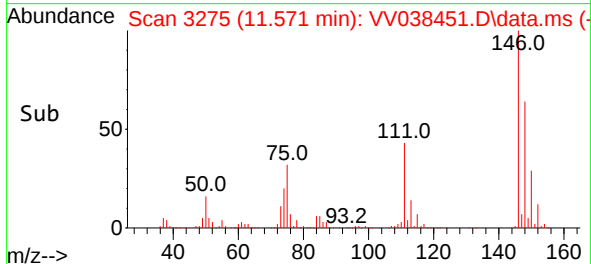
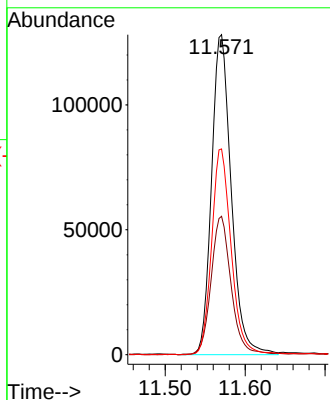
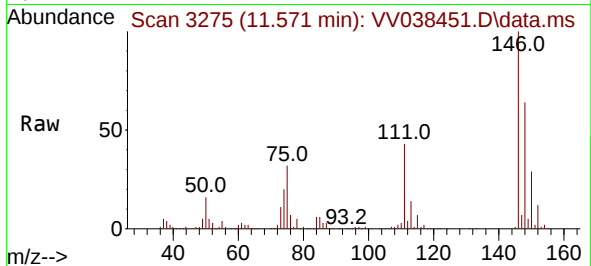




#67
1,2-Dichlorobenzene
Concen: 5.568 ug/L
RT: 11.571 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58

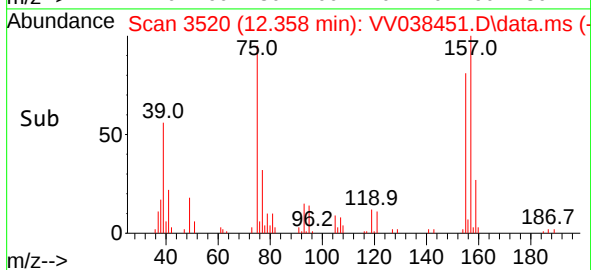
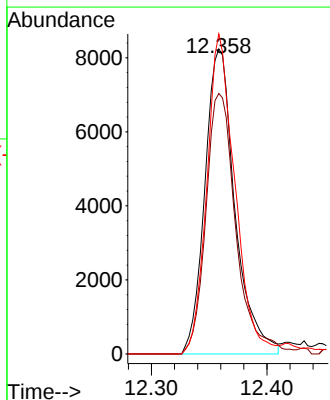
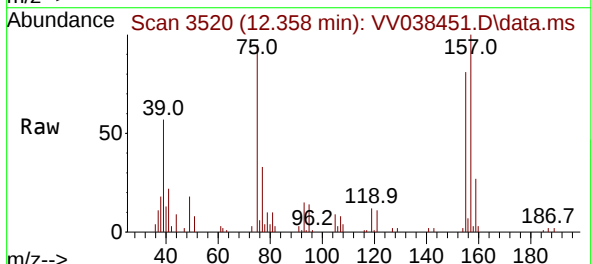
Instrument :
MSVOA_V
ClientSampleId :

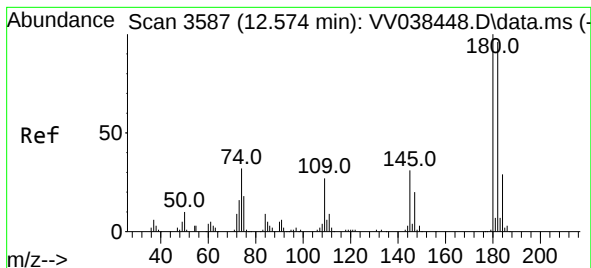
Tgt Ion:146 Resp: 219032
Ion Ratio Lower Upper
146 100
111 43.2 33.4 50.0
148 64.3 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.668 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. 0.000 min
Lab File: VV038451.D
Acq: 17 Jan 2025 12:58

Tgt Ion: 75 Resp: 14928
Ion Ratio Lower Upper
75 100
155 85.3 56.7 85.1#
157 104.9 74.4 111.6





#69

1,3,5-Trichlorobenzene

Concen: 5.312 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

Lab File: VV038451.D

Acq: 17 Jan 2025 12:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 160429

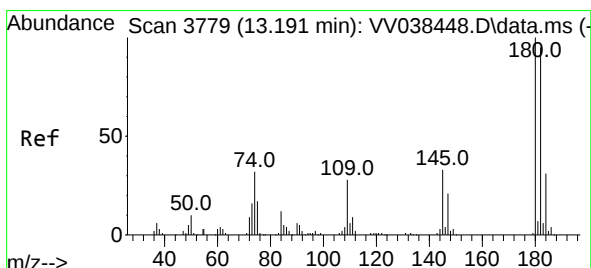
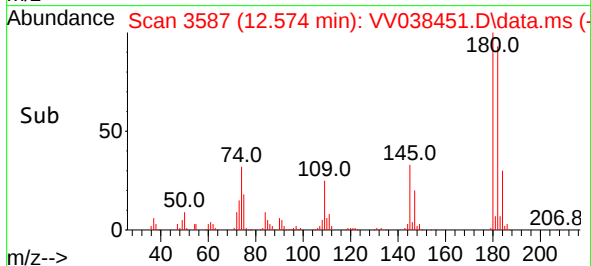
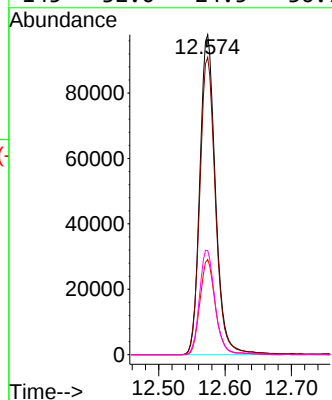
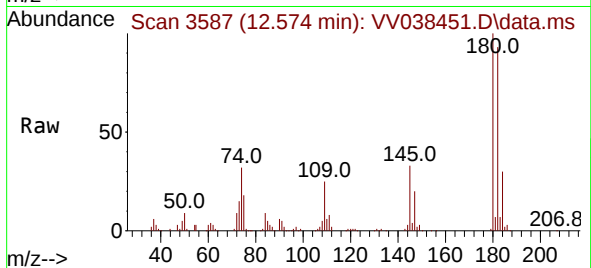
Ion Ratio Lower Upper

180 100

182 93.7 74.3 111.5

184 29.7 23.2 34.8

145 32.0 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 5.514 ug/L

RT: 13.188 min Scan# 3778

Delta R.T. -0.003 min

Lab File: VV038451.D

Acq: 17 Jan 2025 12:58

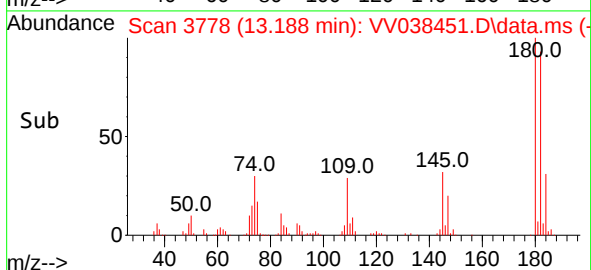
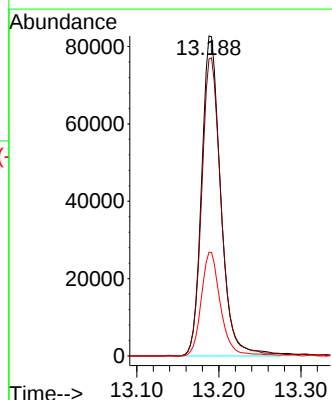
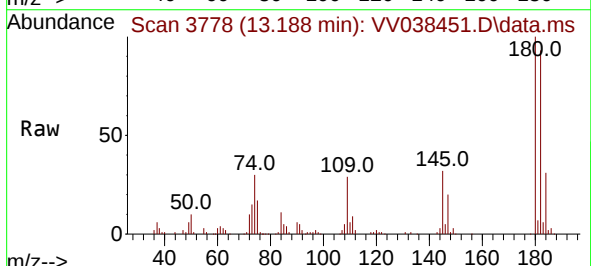
Tgt Ion:180 Resp: 133944

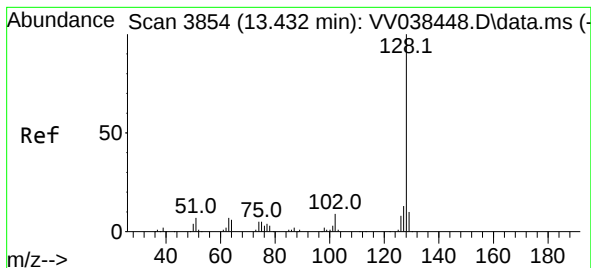
Ion Ratio Lower Upper

180 100

182 95.0 77.5 116.3

145 32.7 26.2 39.4





#71

Naphthalene

Concen: 6.963 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV038451.D

Acq: 17 Jan 2025 12:58

Instrument :

MSVOA_V

ClientSampleId :

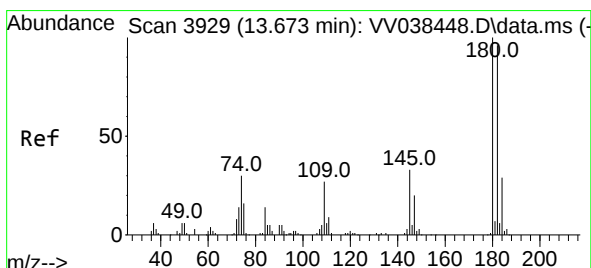
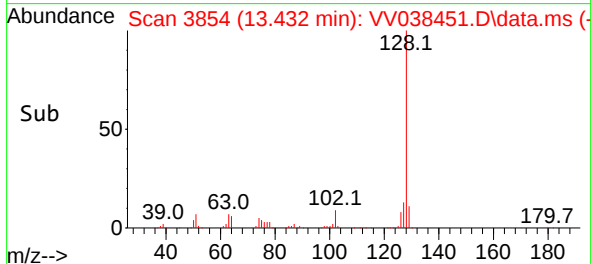
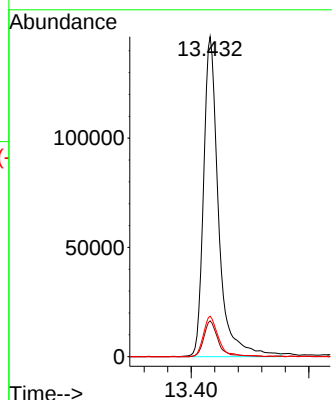
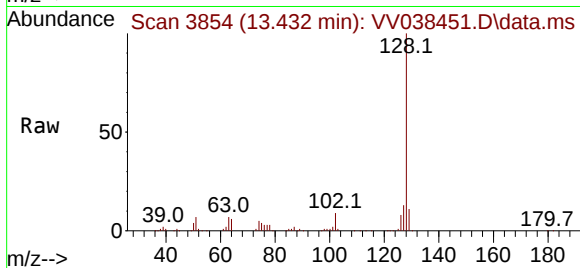
Tgt Ion:128 Resp: 259779

Ion Ratio Lower Upper

128 100

129 10.8 8.3 12.5

127 12.5 11.0 16.6



#72

1,2,3-Trichlorobenzene

Concen: 5.788 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. -0.003 min

Lab File: VV038451.D

Acq: 17 Jan 2025 12:58

Tgt Ion:180 Resp: 128845

Ion Ratio Lower Upper

180 100

182 93.7 77.0 115.6

145 33.6 27.1 40.7

