

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV013025\
 Data File : VV038569.D
 Acq On : 29 Jan 2025 14:07
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 30 07:57:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 24 20:51:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	179788	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	194519	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	105313	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	68569	4.625	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.400%	
7) Chloroethane-d5	1.529	69	59209	4.756	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.200%	
11) 1,1-Dichloroethene-d2	2.053	65	32952	4.932	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.600%	
20) 2-Butanone-d5	3.825	46	134714	43.201	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	86.400%	
24) Chloroform-d	4.239	84	149583	5.383	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.600%	
26) 1,2-Dichloroethane-d4	4.937	65	66634	5.233	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.600%	
32) Benzene-d6	4.950	84	262756	4.904	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.000%	
36) 1,2-Dichloropropane-d6	5.979	67	81629	5.013	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.200%	
41) Toluene-d8	7.233	98	246290	5.118	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.400%	
43) trans-1,3-Dichloroprop...	7.551	79	23788	3.993	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.800%	
46) 2-Hexanone-d5	8.024	63	101845	43.337	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.680%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	75080	5.816	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	116.400%	
66) 1,2-Dichlorobenzene-d4	11.554	152	87773	4.924	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	84297	4.186	ug/L	100
3) Chloromethane	1.214	50	87801	4.261	ug/L	99
5) Vinyl chloride	1.278	62	92620	4.449	ug/L	100
6) Bromomethane	1.484	94	45730	4.391	ug/L	95
8) Chloroethane	1.545	64	57669	4.623	ug/L	97
9) Trichlorofluoromethane	1.709	101	132198	4.989	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	73096	4.826	ug/L	98
12) 1,1-Dichloroethene	2.063	96	72611	4.871	ug/L	99
13) Acetone	2.159	43	119275	49.159	ug/L	58
14) Carbon disulfide	2.233	76	208257	4.158	ug/L	99
15) Methyl Acetate	2.387	43	29332	4.732	ug/L	98
16) Methylene chloride	2.439	84	82520	4.994	ug/L	99
17) Methyl tert-butyl Ether	2.699	73	150403	4.795	ug/L	98
18) trans-1,2-Dichloroethene	2.686	96	70735	4.615	ug/L	97
19) 1,1-Dichloroethane	3.104	63	144989	4.970	ug/L	96
21) 2-Butanone	3.902	43	143021	41.554	ug/L	96
22) cis-1,2-Dichloroethene	3.809	96	69299	4.447	ug/L	98
23) Bromochloromethane	4.140	128	36924	5.207	ug/L	97
25) Chloroform	4.265	83	150779	5.229	ug/L	95

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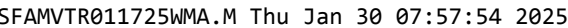
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 MSVOA_V
 ClientSampleId :

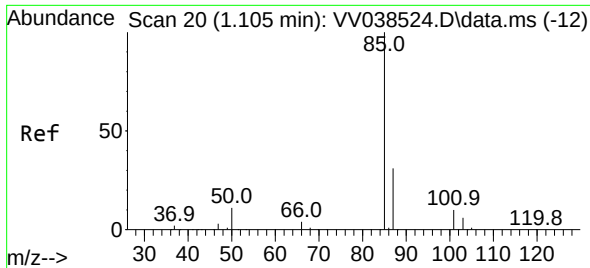
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	83970	5.236	ug/L	100
29) 1,1,1-Trichloroethane	4.500	97	124095	4.799	ug/L	99
30) Cyclohexane	4.567	56	93189	3.956	ug/L	96
31) Carbon tetrachloride	4.725	117	111449	4.876	ug/L	99
33) Benzene	5.001	78	300417	4.864	ug/L	100
34) Trichloroethene	5.828	95	74079	4.615	ug/L	94
35) Methylcyclohexane	6.040	83	94331	3.855	ug/L	96
37) 1,2-Dichloropropane	6.085	63	78357	4.912	ug/L	100
38) Bromodichloromethane	6.426	83	102605	4.960	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	74748	3.399	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	428254	51.888	ug/L	99
42) Toluene	7.307	91	325832	5.061	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	67756	3.636	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	61119	5.327	ug/L	97
47) Tetrachloroethene	7.898	164	57384	4.619	ug/L	97
48) 2-Hexanone	8.072	43	328625	54.992	ug/L	98
49) Dibromochloromethane	8.169	129	69269	5.244	ug/L	96
50) 1,2-Dibromoethane	8.278	107	56396	5.283	ug/L	99
51) Chlorobenzene	8.805	112	207903	4.799	ug/L	99
52) Ethylbenzene	8.940	91	321731	4.646	ug/L	100
53) m,p-Xylene	9.066	106	126438	4.817	ug/L	96
54) o-Xylene	9.471	106	119368	4.772	ug/L	96
55) Styrene	9.490	104	215647	4.944	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.168	83	73682	5.274	ug/L	97
59) Bromoform	9.657	173	35469	4.829	ug/L #	96
60) Isopropylbenzene	9.860	105	328759	4.639	ug/L	98
61) 1,2,3-Trichloropropane	10.204	75	50090	4.950	ug/L	99
62) 1,3,5-Trimethylbenzene	10.467	105	229104	4.129	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	239521	4.321	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	165565	4.710	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	168160	4.627	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	156074	4.741	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.361	75	9949	4.757	ug/L	93
69) 1,3,5-Trichlorobenzene	12.577	180	99536	4.117	ug/L	97
70) 1,2,4-trichlorobenzene	13.191	180	74906	4.168	ug/L	99
71) Naphthalene	13.435	128	97039	3.645	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	69783	4.491	ug/L	99

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

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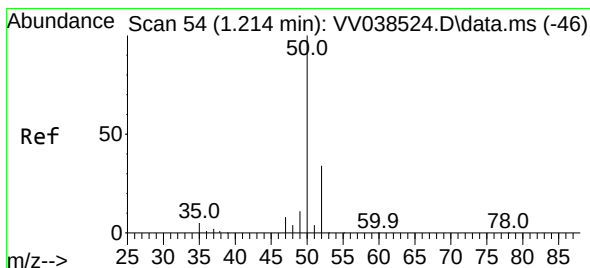
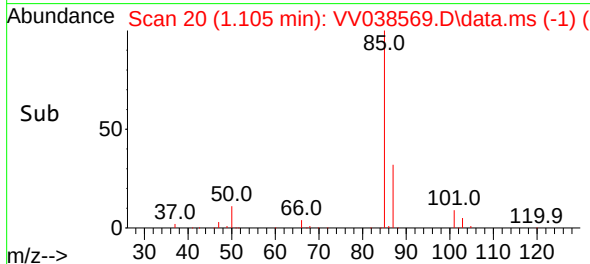
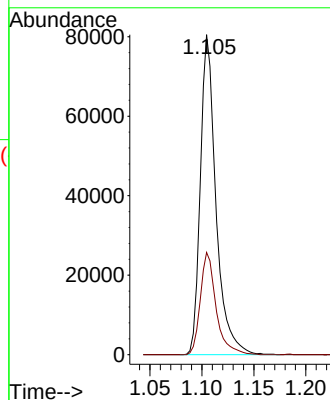
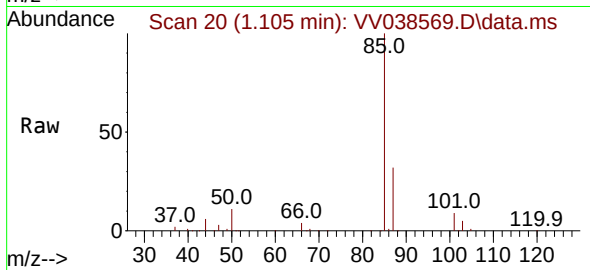




#2
 Dichlorodifluoromethane
 Concen: 4.186 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038569.D
 Acq: 29 Jan 2025 14:07

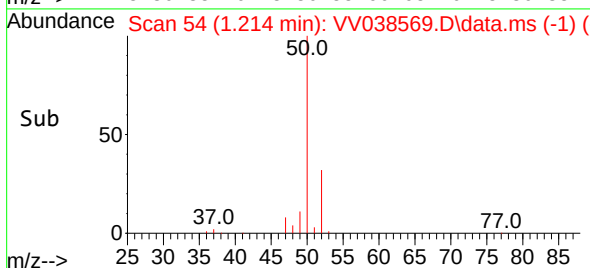
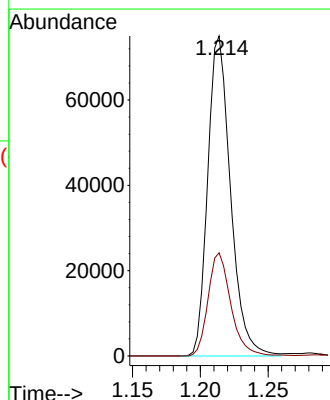
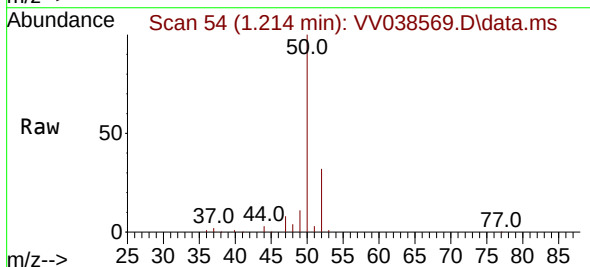
Instrument :
 MSVOA_V
 ClientSampleId :

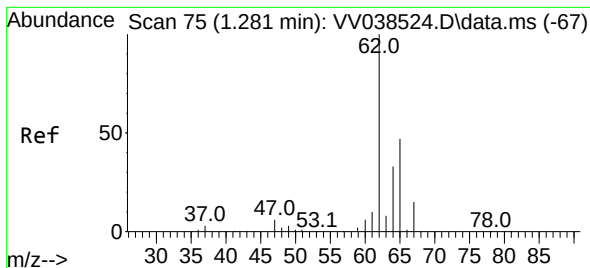
Tgt Ion: 85 Resp: 84297
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.0 39.0



#3
 Chloromethane
 Concen: 4.261 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV038569.D
 Acq: 29 Jan 2025 14:07

Tgt Ion: 50 Resp: 87801
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.0 42.6





#5

Vinyl chloride

Concen: 4.449 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV038569.D

Acq: 29 Jan 2025 14:07

Instrument :

MSVOA_V

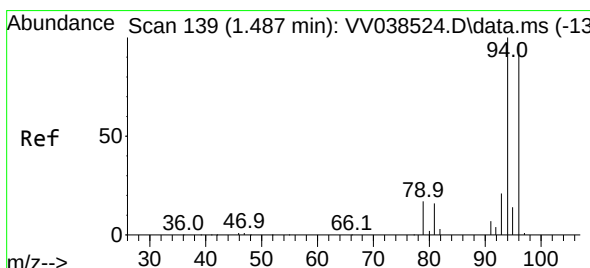
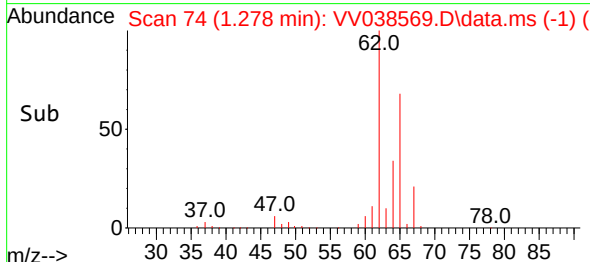
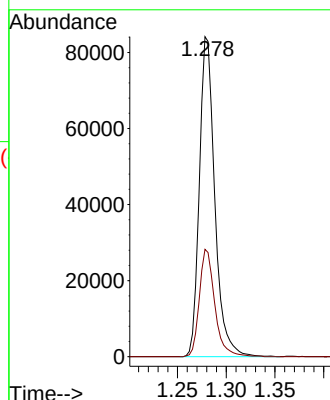
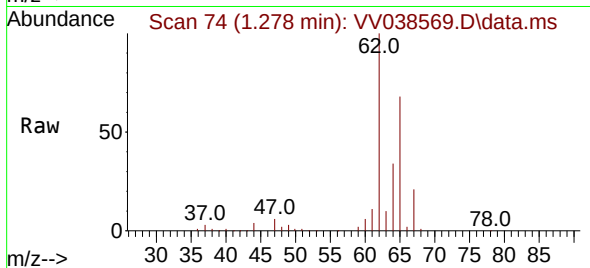
ClientSampleId :

Tgt Ion: 62 Resp: 92620

Ion Ratio Lower Upper

62 100

64 33.6 23.5 43.7



#6

Bromomethane

Concen: 4.391 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.003 min

Lab File: VV038569.D

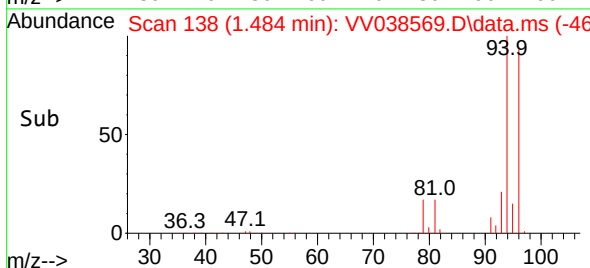
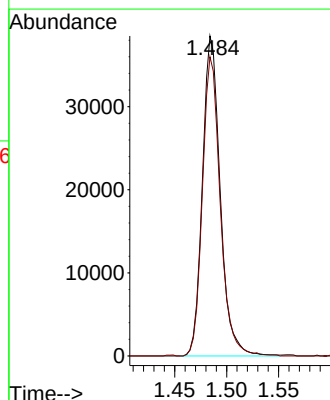
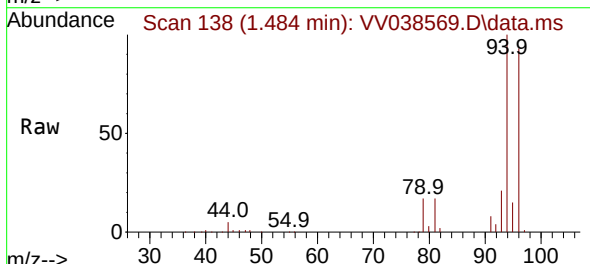
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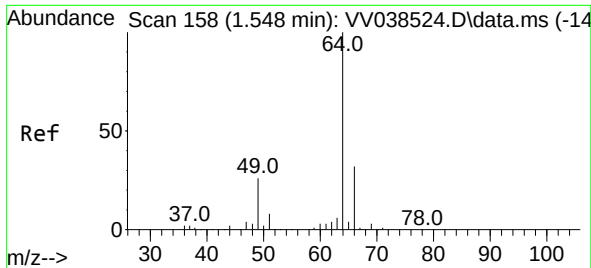
Tgt Ion: 94 Resp: 45730

Ion Ratio Lower Upper

94 100

96 93.5 68.9 127.9

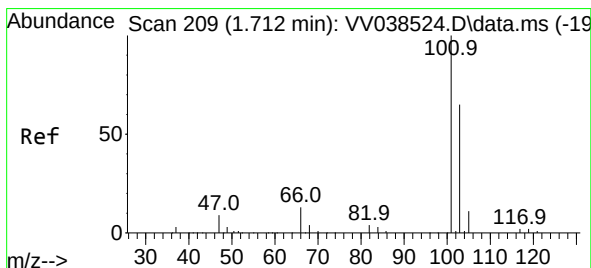
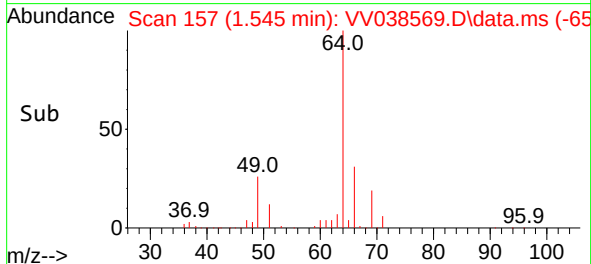
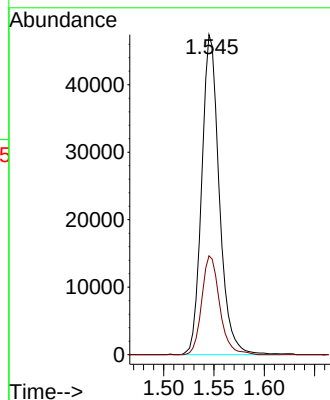
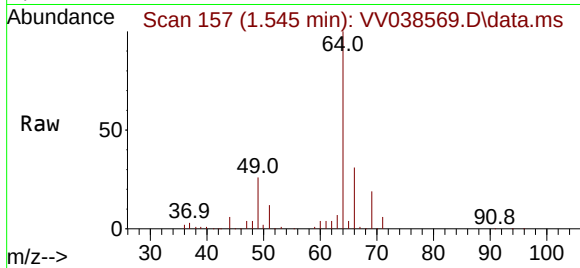




#8
Chloroethane
Concen: 4.623 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV038569.D
Acq: 29 Jan 2025 14:07

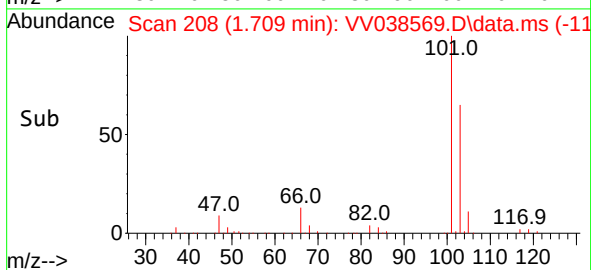
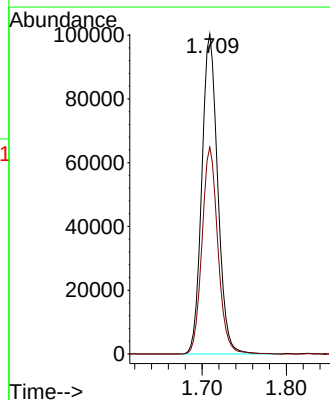
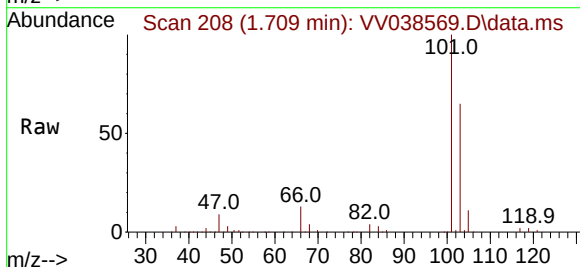
Instrument :
MSVOA_V
ClientSampleId :

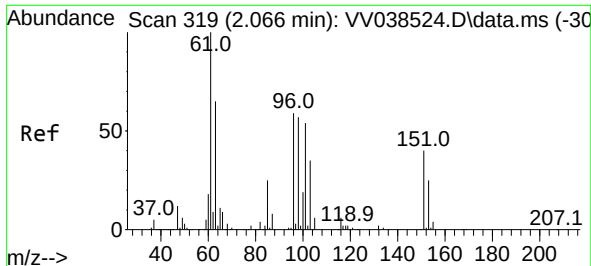
Tgt Ion: 64 Resp: 57669
Ion Ratio Lower Upper
64 100
66 30.9 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.989 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV038569.D
Acq: 29 Jan 2025 14:07

Tgt Ion:101 Resp: 132198
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3





#10

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

Concen: 4.826 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.003 min

Lab File: VV038569.D

Acq: 29 Jan 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :

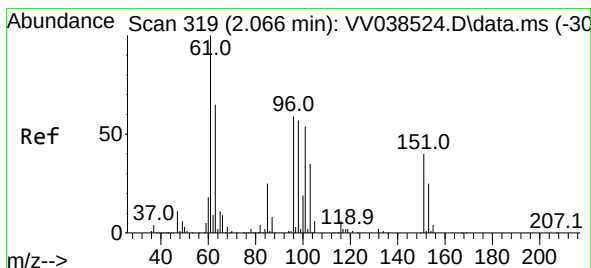
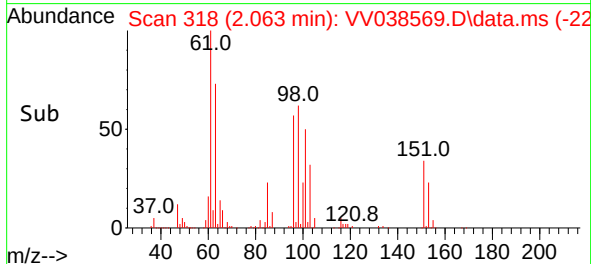
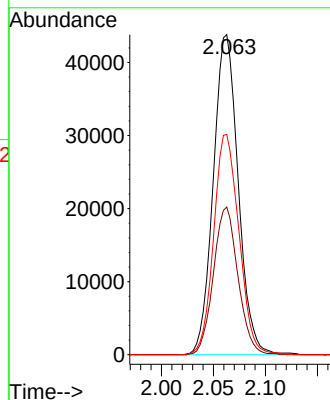
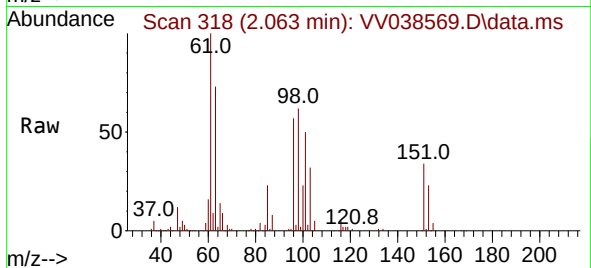
Tgt Ion:101 Resp: 73096

Ion Ratio Lower Upper

101 100

85 45.4 35.2 52.8

151 69.8 56.6 85.0



#12

1,1-Dichloroethene

Concen: 4.871 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.003 min

Lab File: VV038569.D

Acq: 29 Jan 2025 14:07

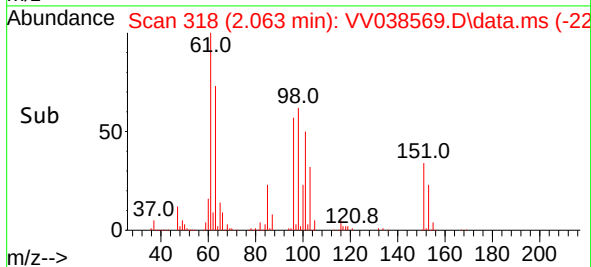
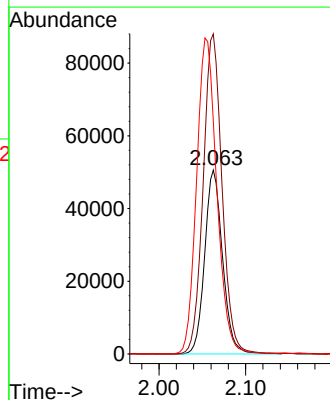
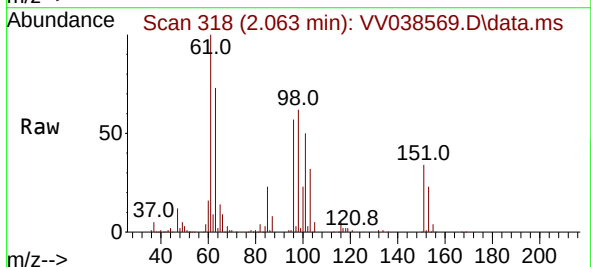
Tgt Ion: 96 Resp: 72611

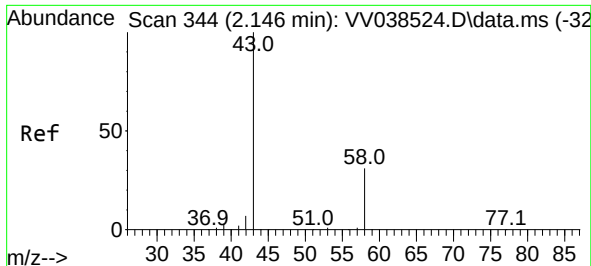
Ion Ratio Lower Upper

96 100

61 174.1 122.2 227.0

63 126.5 86.2 160.0





#13

Acetone

Concen: 49.159 ug/L

RT: 2.159 min Scan# 34

Delta R.T. 0.013 min

Lab File: VV038569.D

Acq: 29 Jan 2025 14:07

Instrument :

MSVOA_V

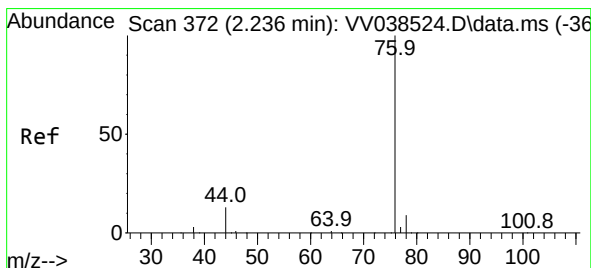
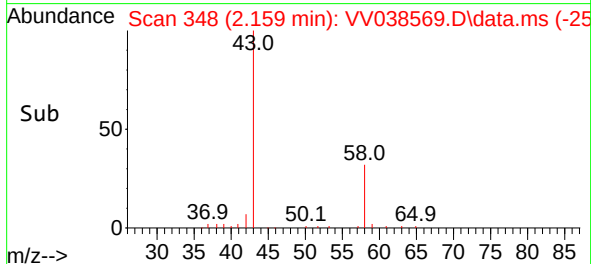
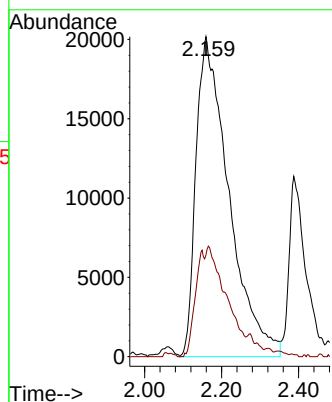
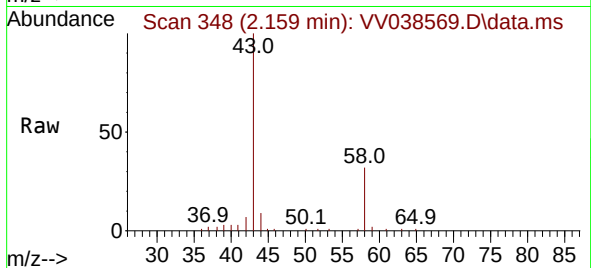
ClientSampleId :

Tgt Ion: 43 Resp: 119275

Ion Ratio Lower Upper

43 100

58 9.7 0.0 67.2



#14

Carbon disulfide

Concen: 4.158 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV038569.D

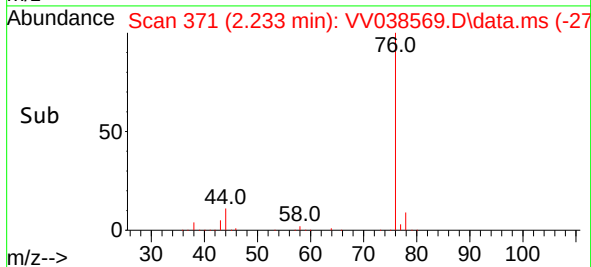
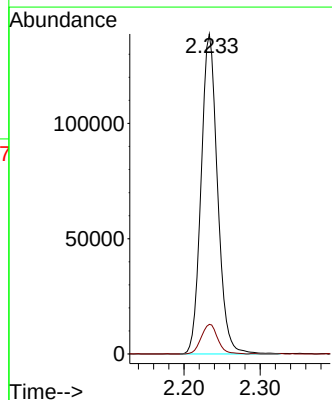
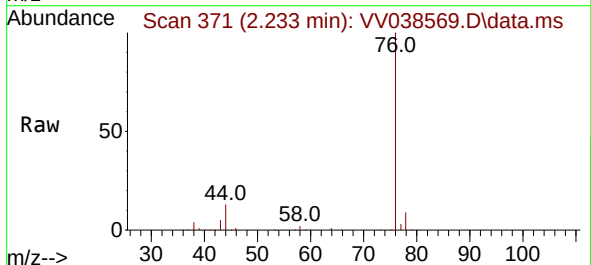
Acq: 29 Jan 2025 14:07

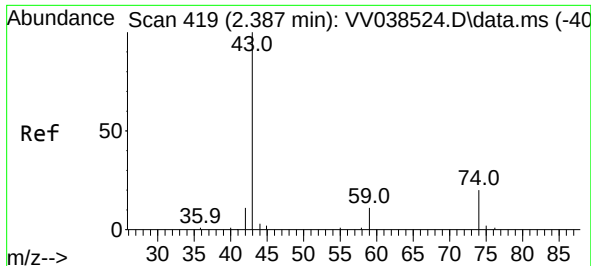
Tgt Ion: 76 Resp: 208257

Ion Ratio Lower Upper

76 100

78 9.3 7.6 11.4

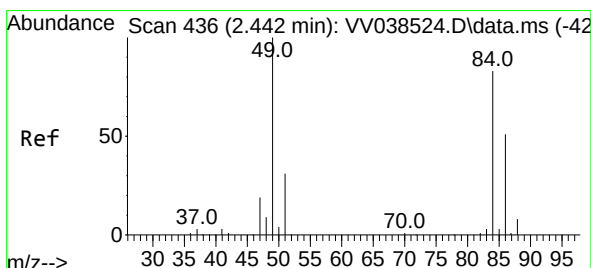
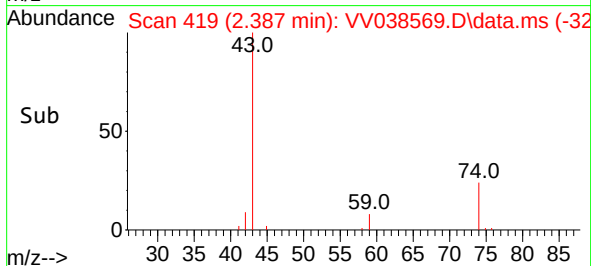
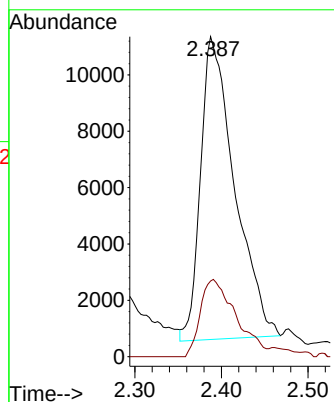
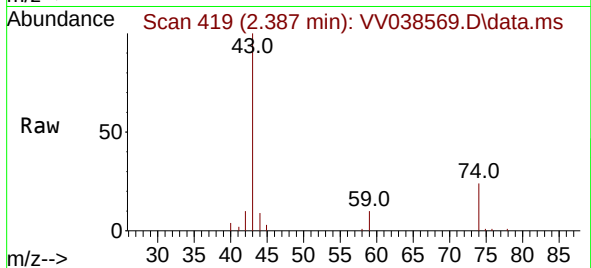




#15
Methyl Acetate
Concen: 4.732 ug/L
RT: 2.387 min Scan# 419
Delta R.T. -0.000 min
Lab File: VV038569.D
Acq: 29 Jan 2025 14:07

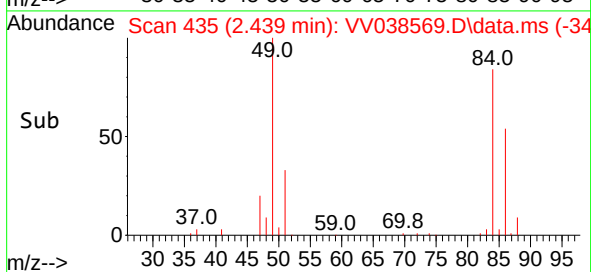
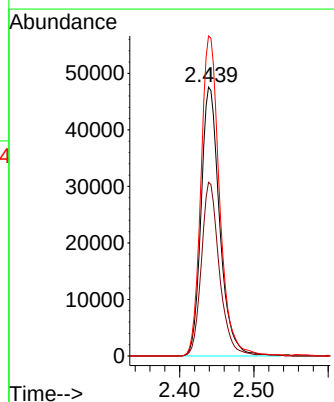
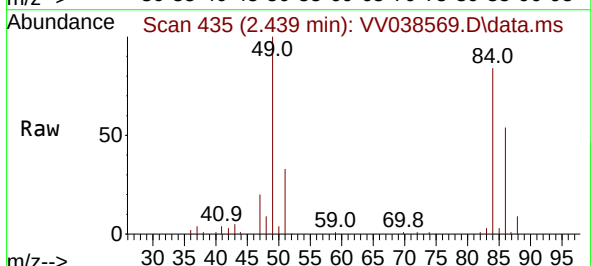
Instrument :
MSVOA_V
ClientSampleId :

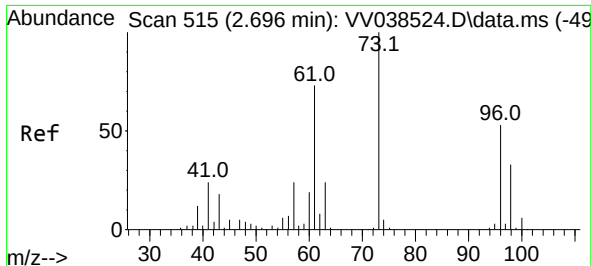
Tgt Ion: 43 Resp: 29332
Ion Ratio Lower Upper
43 100
74 26.7 20.4 30.6



#16
Methylene chloride
Concen: 4.994 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV038569.D
Acq: 29 Jan 2025 14:07

Tgt Ion: 84 Resp: 82520
Ion Ratio Lower Upper
84 100
86 64.6 44.7 82.9
49 119.0 84.1 156.1

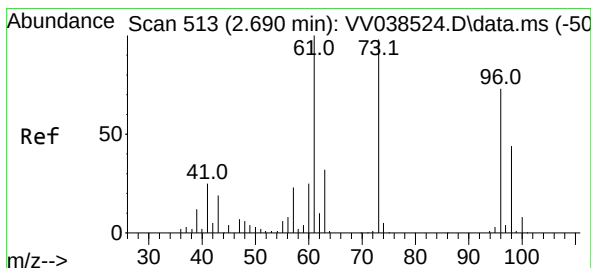
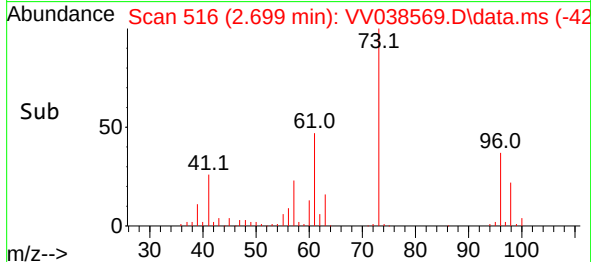
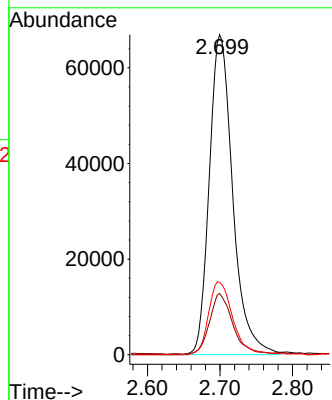
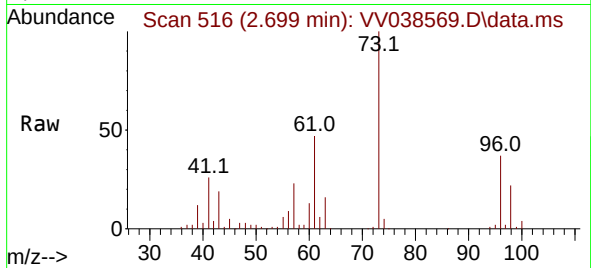




#17
Methyl tert-butyl Ether
Concen: 4.795 ug/L
RT: 2.699 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV038569.D
Acq: 29 Jan 2025 14:07

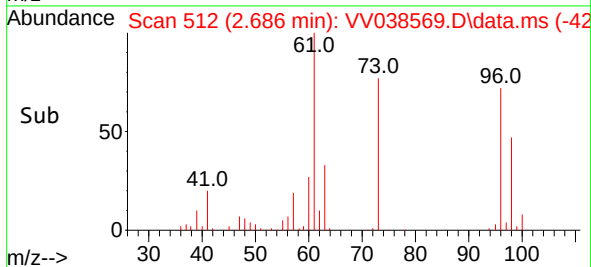
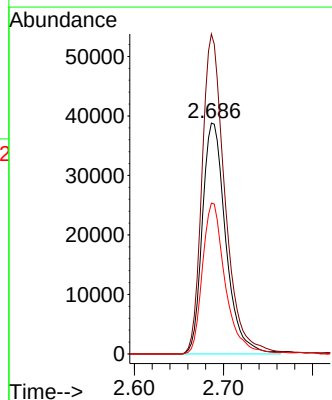
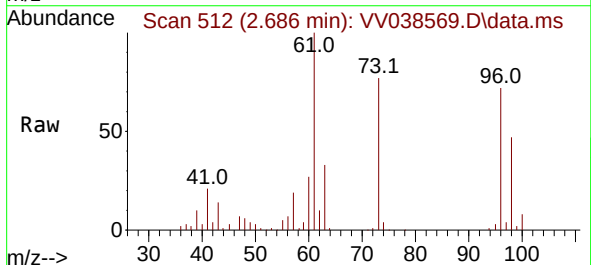
Instrument :
MSVOA_V
ClientSampleId :

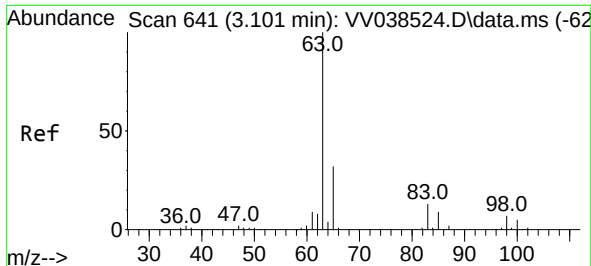
Tgt Ion: 73 Resp: 150403
Ion Ratio Lower Upper
73 100
43 18.5 14.6 21.8
57 23.6 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.615 ug/L
RT: 2.686 min Scan# 512
Delta R.T. -0.003 min
Lab File: VV038569.D
Acq: 29 Jan 2025 14:07

Tgt Ion: 96 Resp: 70735
Ion Ratio Lower Upper
96 100
61 138.6 94.8 176.2
98 65.4 44.2 82.2

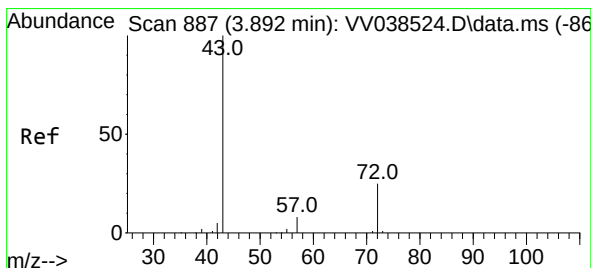
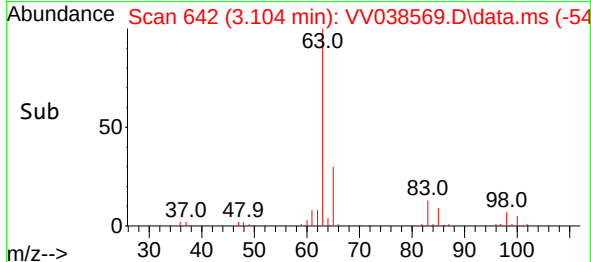
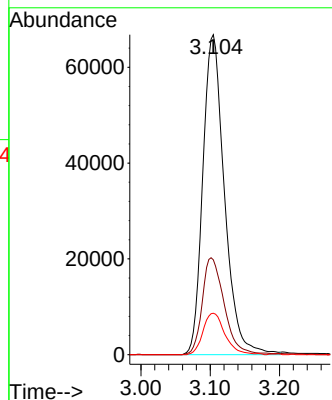
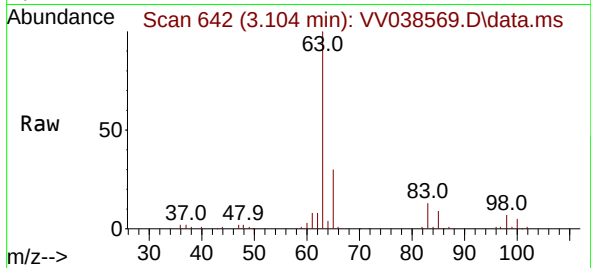




#19
1,1-Dichloroethane
Concen: 4.970 ug/L
RT: 3.104 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV038569.D
Acq: 29 Jan 2025 14:07

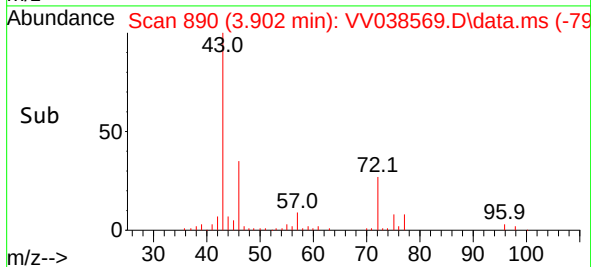
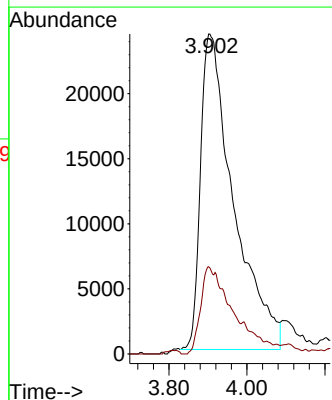
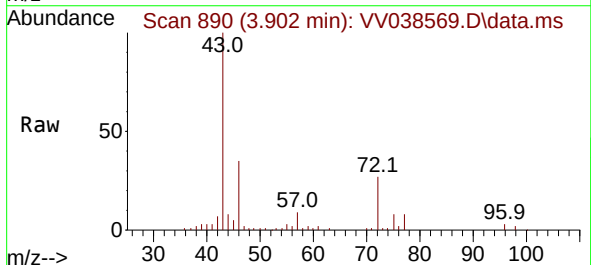
Instrument :
MSVOA_V
ClientSampleId :

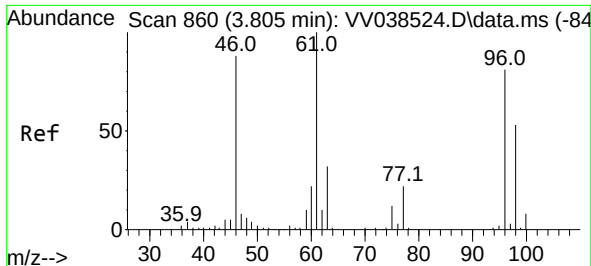
Tgt Ion: 63 Resp: 144989
Ion Ratio Lower Upper
63 100
65 29.6 22.5 41.9
83 13.0 9.4 17.6



#21
2-Butanone
Concen: 41.554 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.010 min
Lab File: VV038569.D
Acq: 29 Jan 2025 14:07

Tgt Ion: 43 Resp: 143021
Ion Ratio Lower Upper
43 100
72 22.5 12.2 36.4





#22

cis-1,2-Dichloroethene

Concen: 4.447 ug/L

RT: 3.809 min Scan# 860

Delta R.T. 0.003 min

Lab File: VV038569.D

Acq: 29 Jan 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :

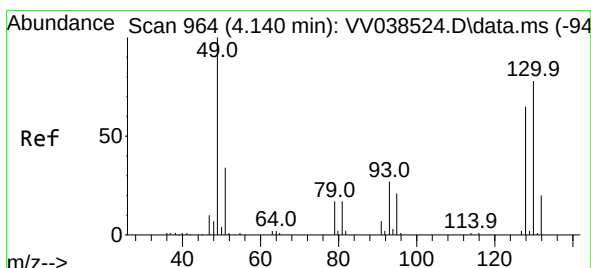
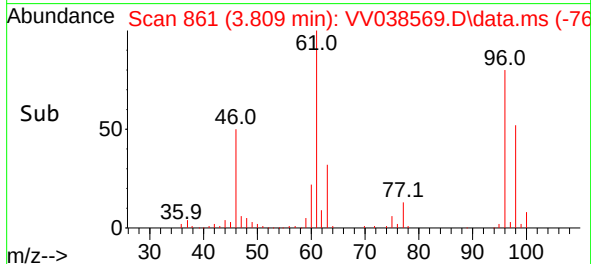
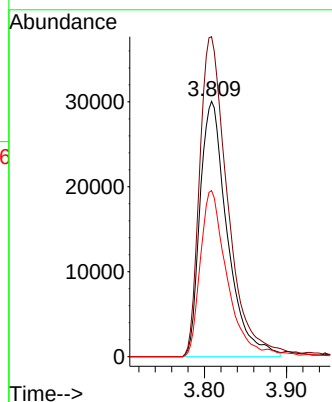
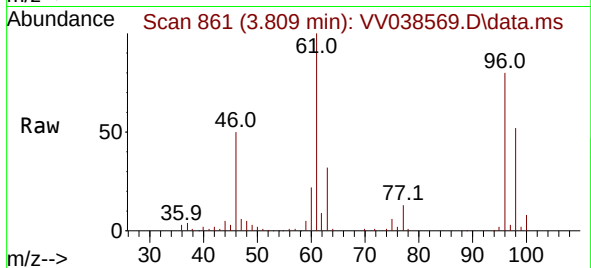
Tgt Ion: 96 Resp: 69299

Ion Ratio Lower Upper

96 100

61 125.3 86.5 160.7

98 65.0 43.8 81.3



#23

Bromochloromethane

Concen: 5.207 ug/L

RT: 4.140 min Scan# 964

Delta R.T. -0.000 min

Lab File: VV038569.D

Acq: 29 Jan 2025 14:07

Tgt Ion: 128 Resp: 36924

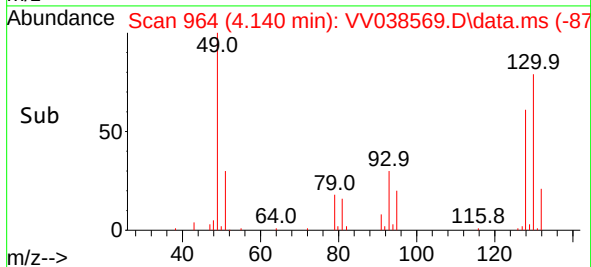
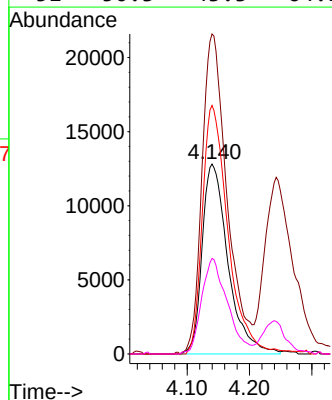
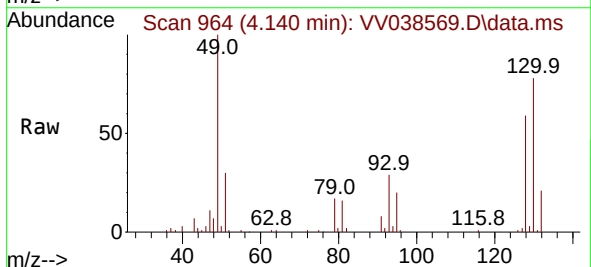
Ion Ratio Lower Upper

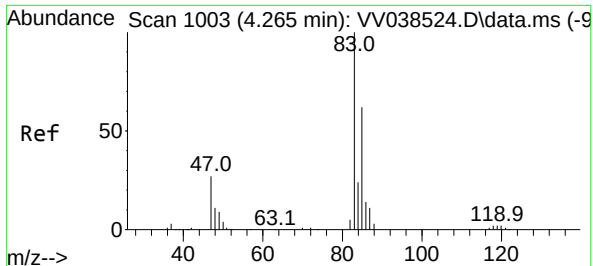
128 100

49 168.5 121.0 224.8

130 130.8 90.1 167.3

51 50.3 43.3 64.9





#25

Chloroform

Concen: 5.229 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. -0.000 min

Lab File: VV038569.D

Acq: 29 Jan 2025 14:07

Instrument :

MSVOA_V

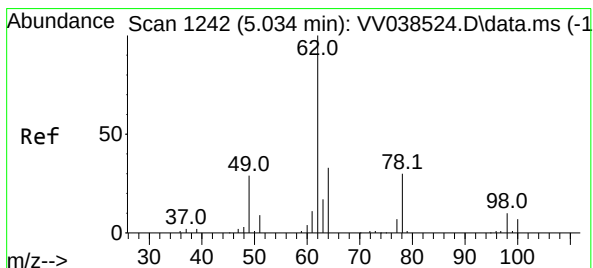
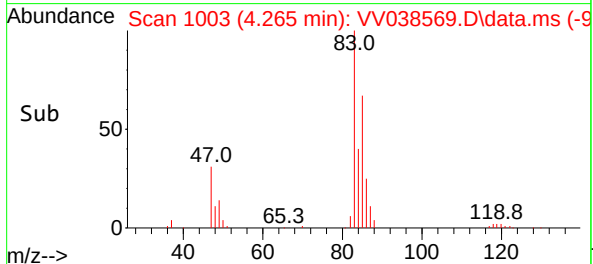
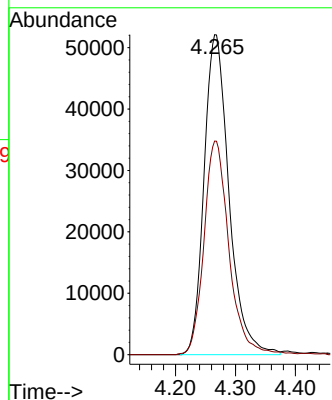
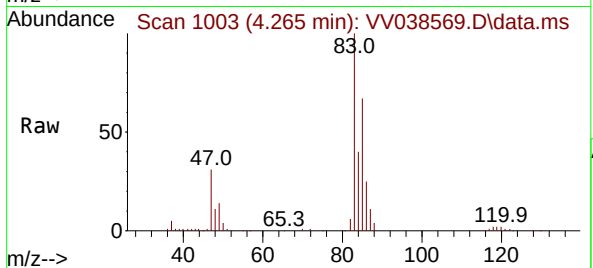
ClientSampleId :

Tgt Ion: 83 Resp: 150779

Ion Ratio Lower Upper

83 100

85 66.7 44.0 81.8



#27

1,2-Dichloroethane

Concen: 5.236 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV038569.D

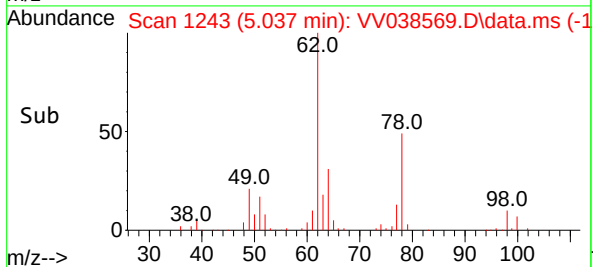
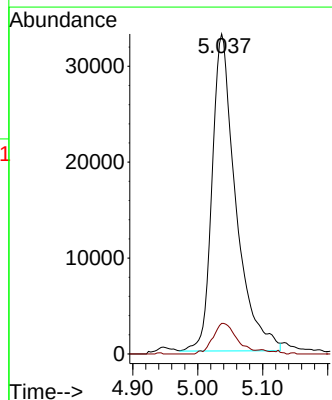
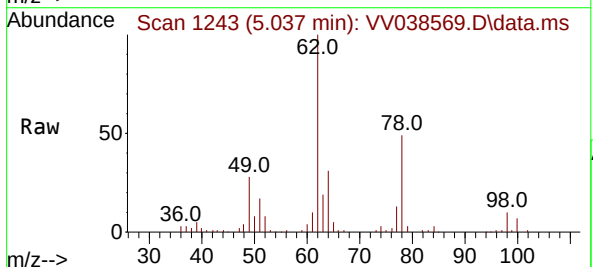
Acq: 29 Jan 2025 14:07

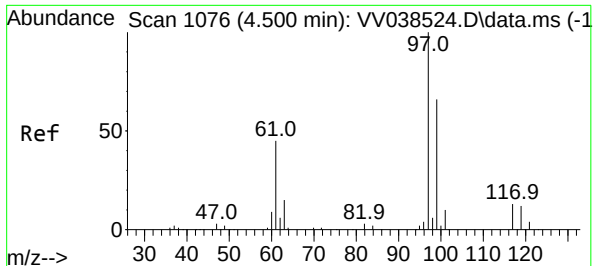
Tgt Ion: 62 Resp: 83970

Ion Ratio Lower Upper

62 100

98 9.6 7.8 11.6





#29

1,1,1-Trichloroethane

Concen: 4.799 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VV038569.D

Acq: 29 Jan 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :

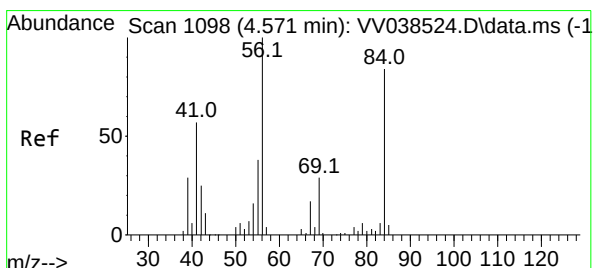
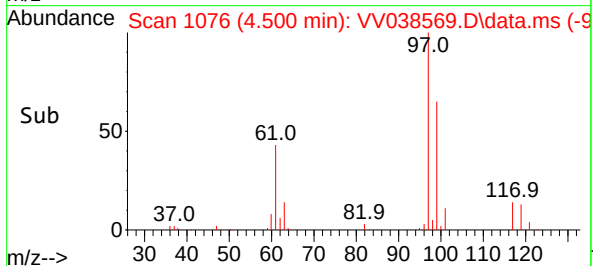
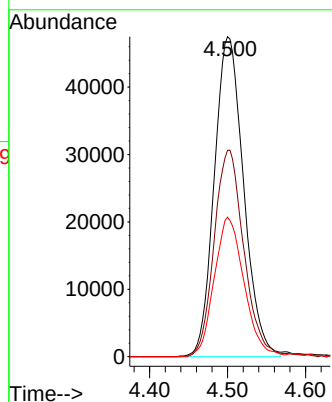
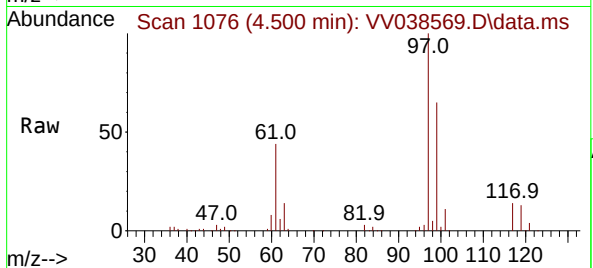
Tgt Ion: 97 Resp: 124095

Ion Ratio Lower Upper

97 100

99 65.8 52.9 79.3

61 44.3 36.4 54.6



#30

Cyclohexane

Concen: 3.956 ug/L

RT: 4.567 min Scan# 1097

Delta R.T. -0.003 min

Lab File: VV038569.D

Acq: 29 Jan 2025 14:07

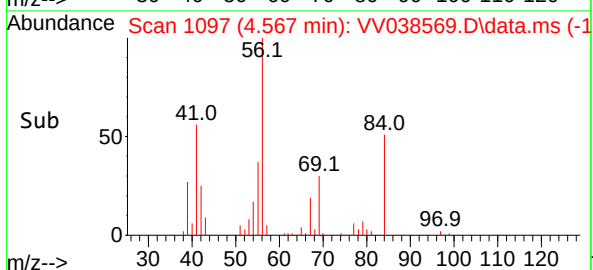
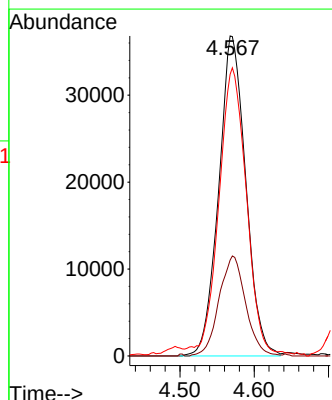
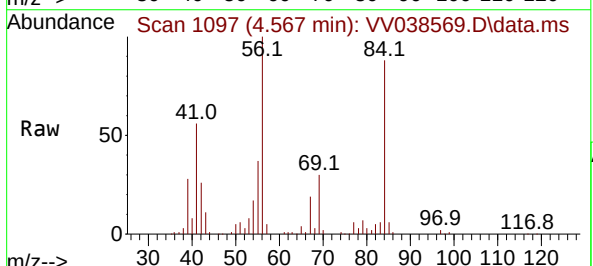
Tgt Ion: 56 Resp: 93189

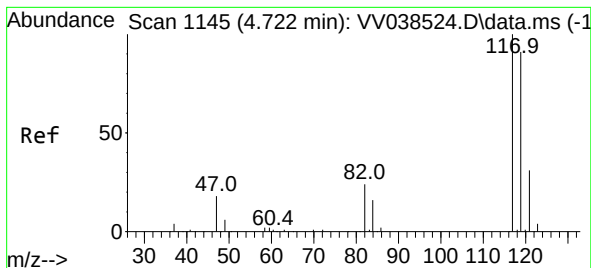
Ion Ratio Lower Upper

56 100

69 30.7 24.7 37.1

84 90.4 68.2 102.2





#31

Carbon tetrachloride

Concen: 4.876 ug/L

RT: 4.725 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VV038569.D

Acq: 29 Jan 2025 14:07

Instrument :

MSVOA_V

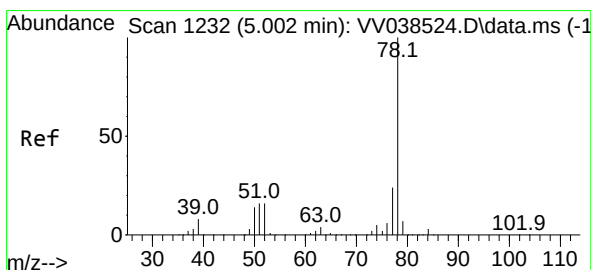
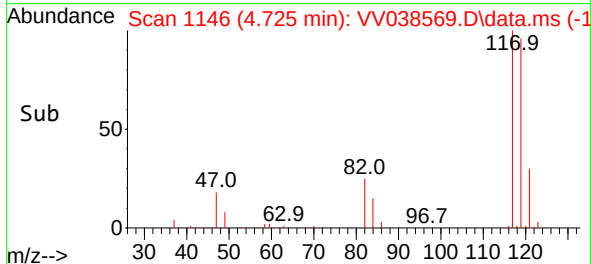
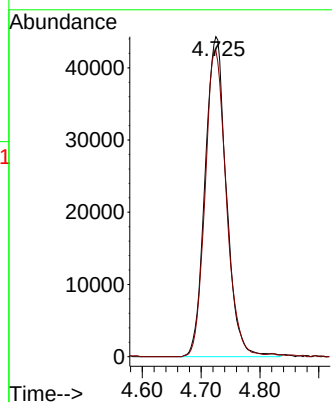
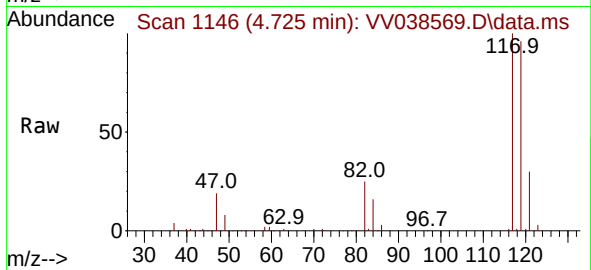
ClientSampleId :

Tgt Ion:117 Resp: 111449

Ion Ratio Lower Upper

117 100

119 95.1 76.6 115.0



#33

Benzene

Concen: 4.864 ug/L

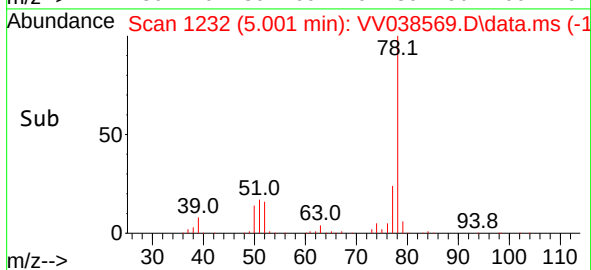
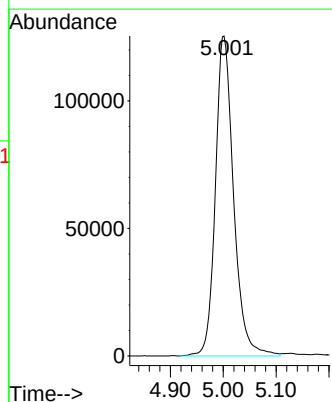
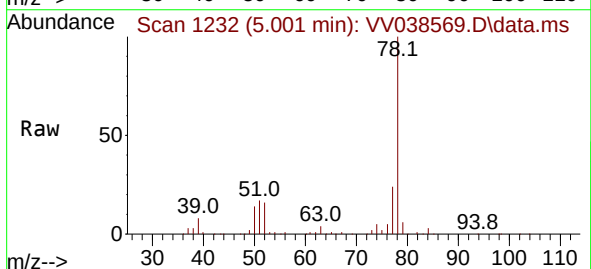
RT: 5.001 min Scan# 1232

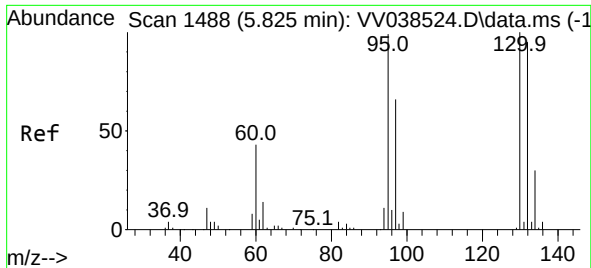
Delta R.T. -0.000 min

Lab File: VV038569.D

Acq: 29 Jan 2025 14:07

Tgt Ion: 78 Resp: 300417

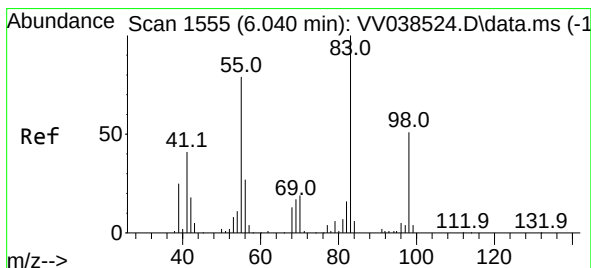
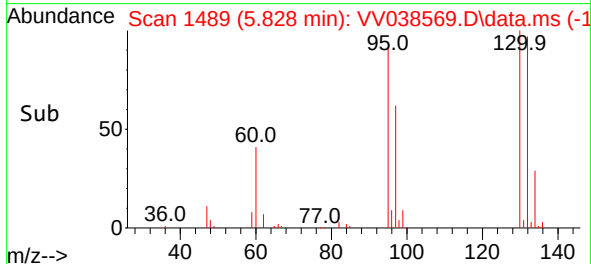
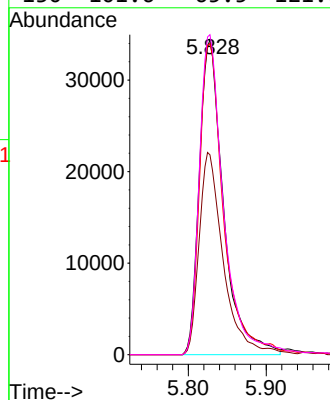
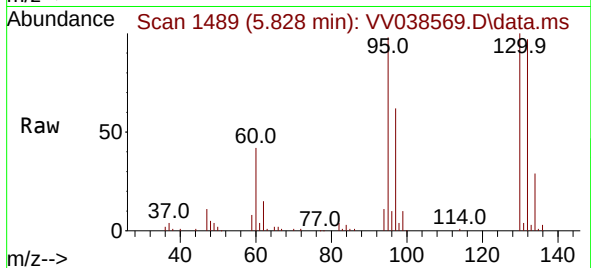




#34
Trichloroethene
Concen: 4.615 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV038569.D
Acq: 29 Jan 2025 14:07

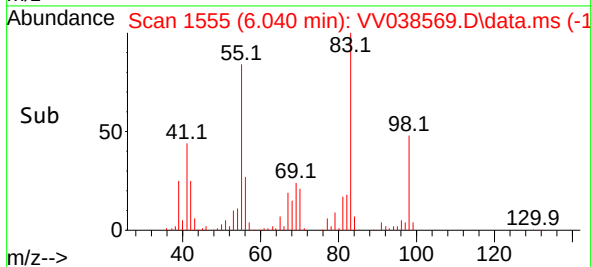
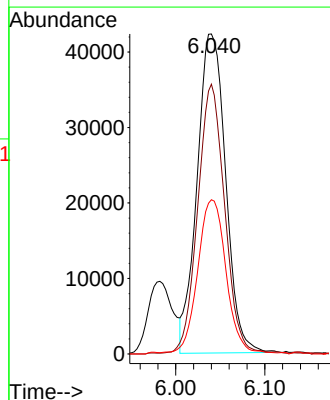
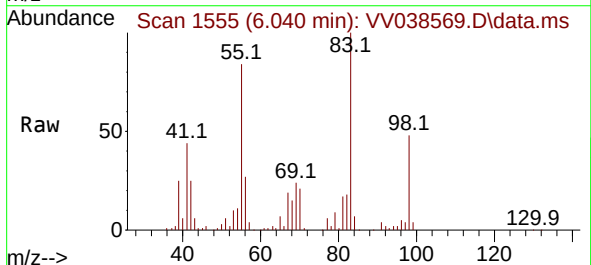
Instrument :
MSVOA_V
ClientSampleId :

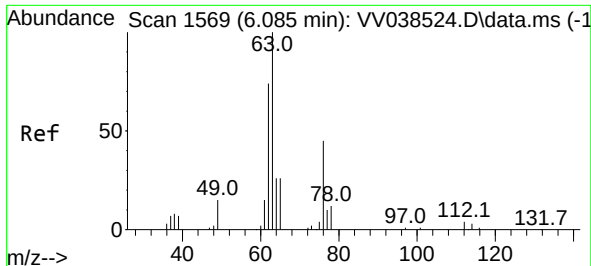
Tgt Ion: 95 Resp: 74079
Ion Ratio Lower Upper
95 100
97 63.5 43.4 80.6
132 98.8 65.5 121.6
130 101.6 65.5 121.6



#35
Methylcyclohexane
Concen: 3.855 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VV038569.D
Acq: 29 Jan 2025 14:07

Tgt Ion: 83 Resp: 94331
Ion Ratio Lower Upper
83 100
55 79.0 59.4 89.0
98 46.9 37.8 56.8





#37

1,2-Dichloropropane

Concen: 4.912 ug/L

RT: 6.085 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038569.D

Acq: 29 Jan 2025 14:07

Instrument :

MSVOA_V

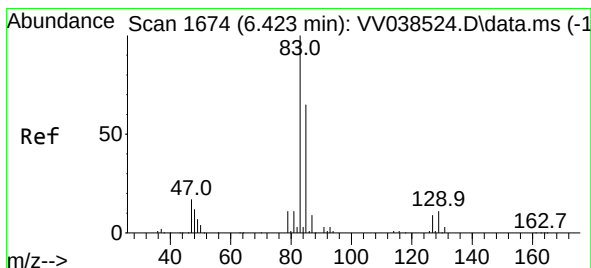
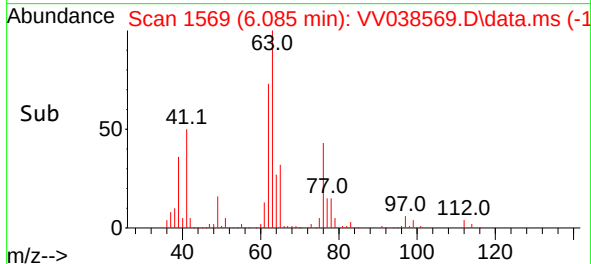
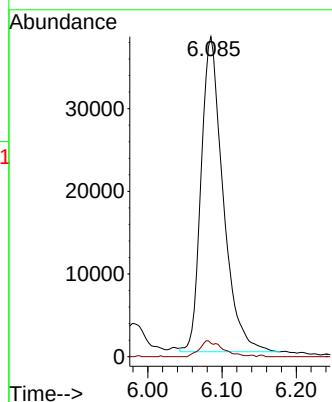
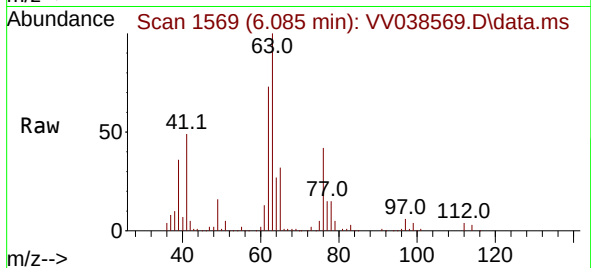
ClientSampleId :

Tgt Ion: 63 Resp: 78357

Ion Ratio Lower Upper

63 100

112 5.2 4.1 6.1



#38

Bromodichloromethane

Concen: 4.960 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. 0.003 min

Lab File: VV038569.D

Acq: 29 Jan 2025 14:07

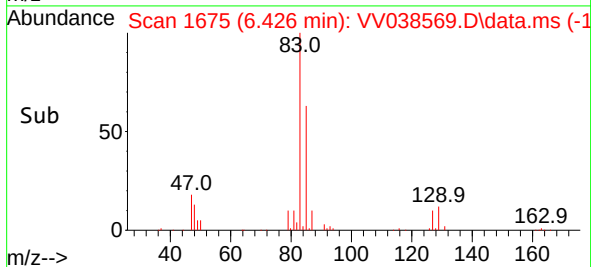
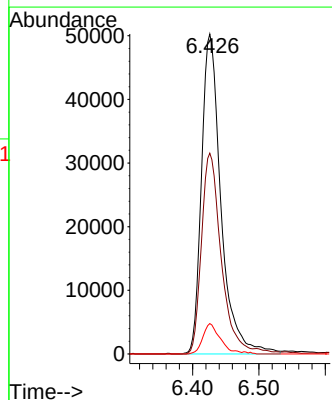
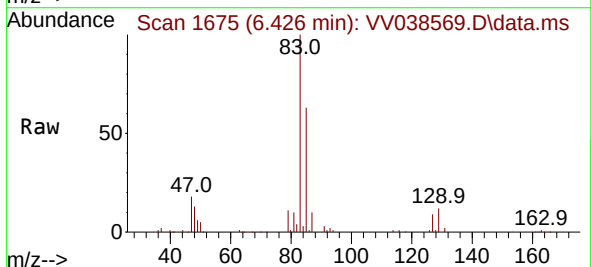
Tgt Ion: 83 Resp: 102605

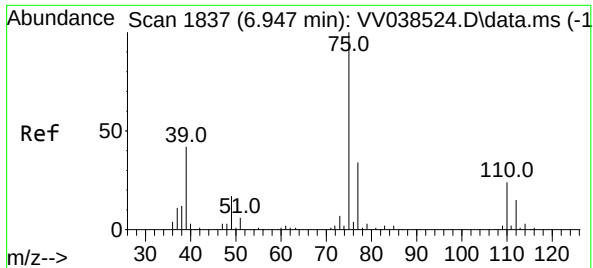
Ion Ratio Lower Upper

83 100

85 62.8 44.7 83.1

127 9.5 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 3.399 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV038569.D

Acq: 29 Jan 2025 14:07

Instrument :

MSVOA_V

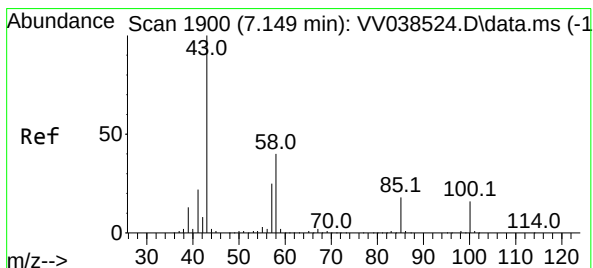
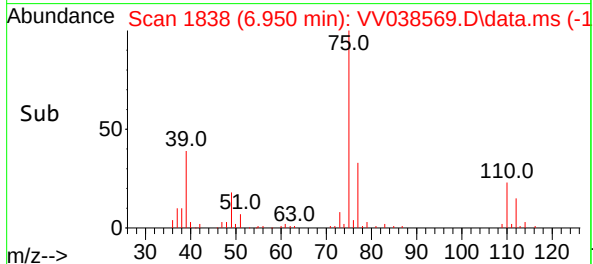
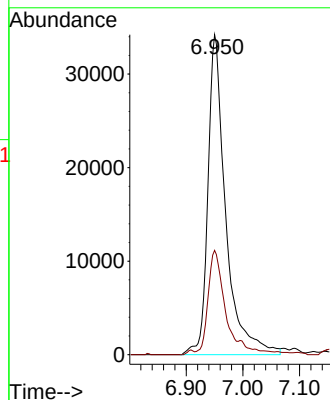
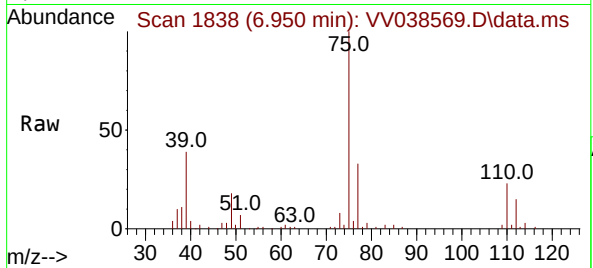
ClientSampleId :

Tgt Ion: 75 Resp: 74748

Ion Ratio Lower Upper

75 100

77 32.6 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 51.888 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.003 min

Lab File: VV038569.D

Acq: 29 Jan 2025 14:07

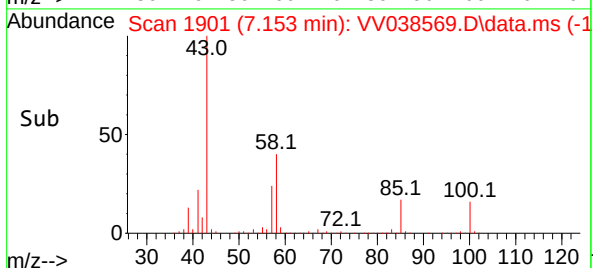
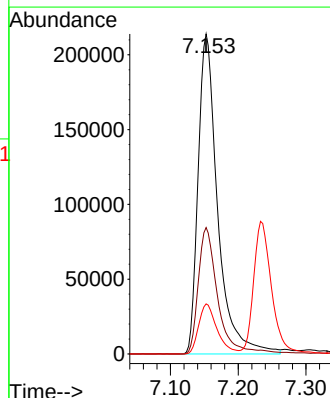
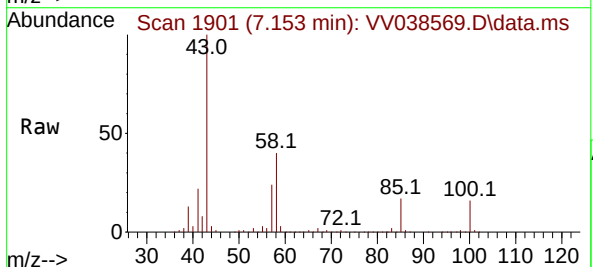
Tgt Ion: 43 Resp: 428254

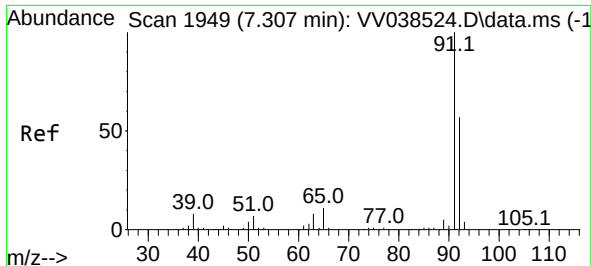
Ion Ratio Lower Upper

43 100

58 39.8 31.7 47.5

100 14.8 12.4 18.6





#42

Toluene

Concen: 5.061 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VV038569.D

Acq: 29 Jan 2025 14:07

Instrument :

MSVOA_V

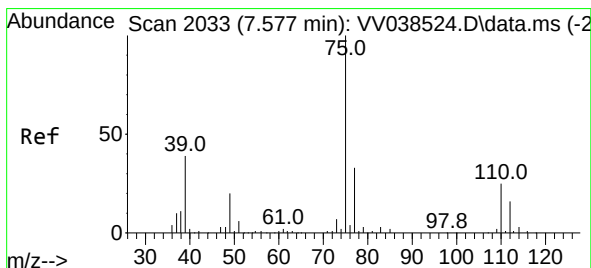
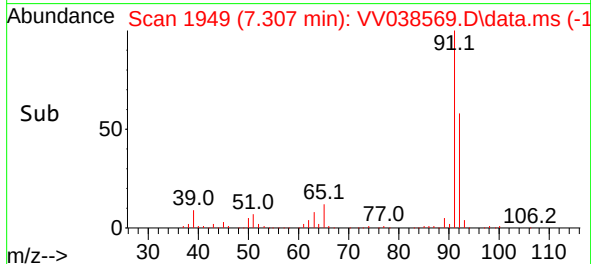
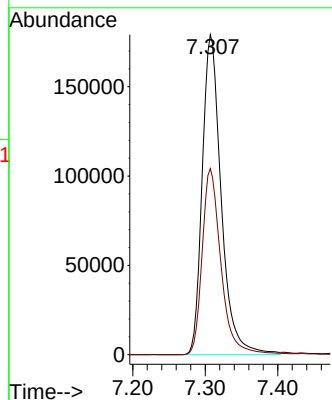
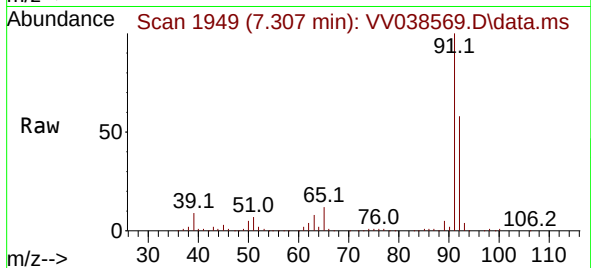
ClientSampleId :

Tgt Ion: 91 Resp: 325832

Ion Ratio Lower Upper

91 100

92 58.1 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 3.636 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV038569.D

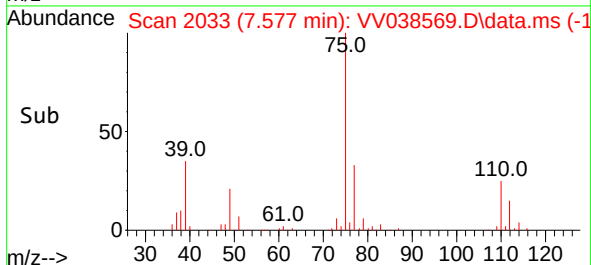
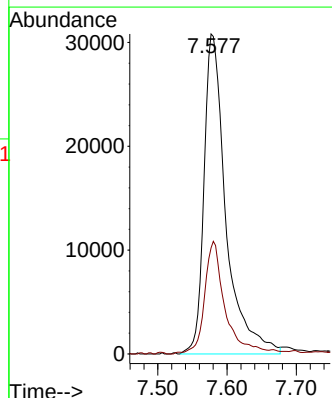
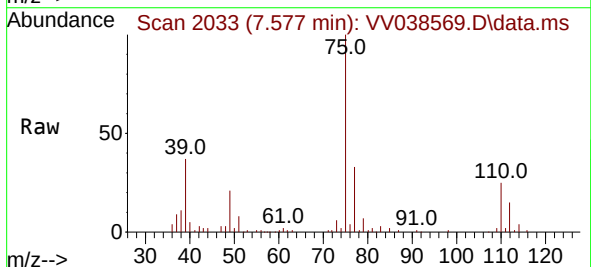
Acq: 29 Jan 2025 14:07

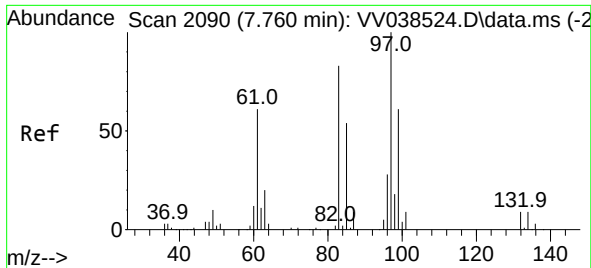
Tgt Ion: 75 Resp: 67756

Ion Ratio Lower Upper

75 100

77 33.2 22.8 42.4

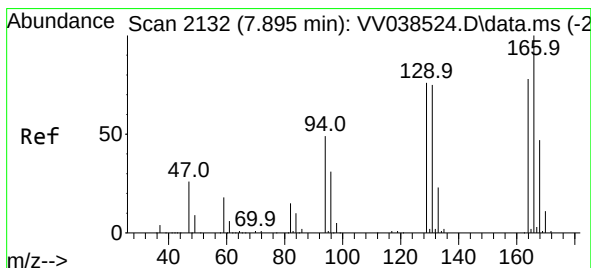
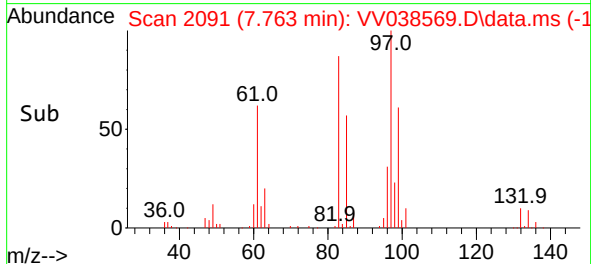
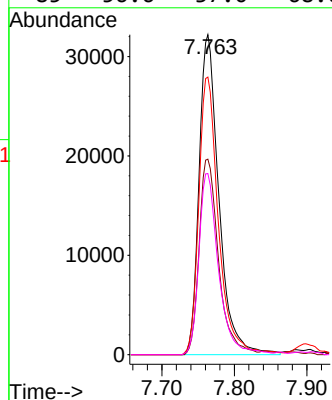
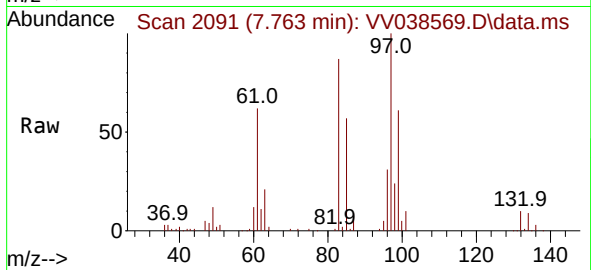




#45
1,1,2-Trichloroethane
Concen: 5.327 ug/L
RT: 7.763 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV038569.D
Acq: 29 Jan 2025 14:07

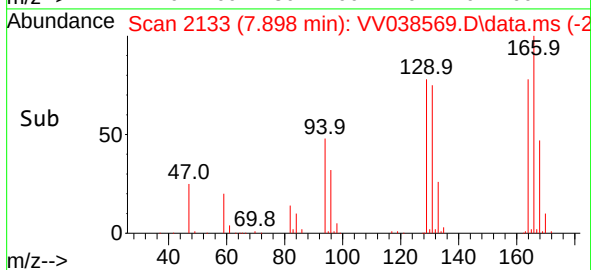
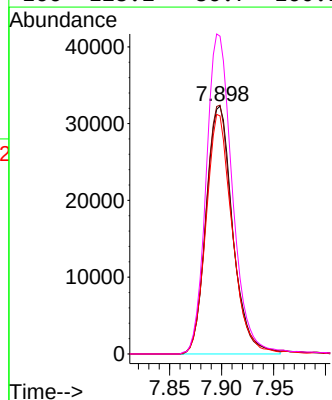
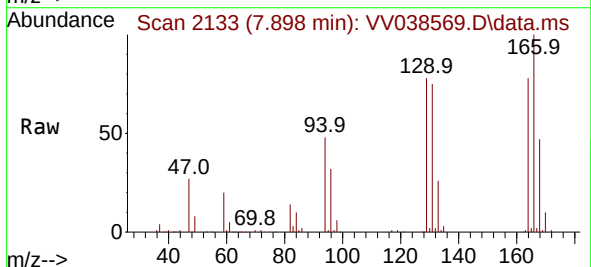
Instrument :
MSVOA_V
ClientSampleId :

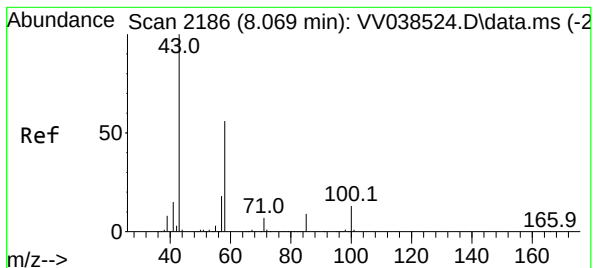
Tgt Ion: 97	Resp: 61119
Ion Ratio	Lower Upper
97 100	
99 61.1	42.3 78.5
83 86.8	59.4 110.4
85 56.6	37.0 68.6



#47
Tetrachloroethene
Concen: 4.619 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038569.D
Acq: 29 Jan 2025 14:07

Tgt	Ion:164	Resp:	57384
Ion	Ratio	Lower	Upper
164	100		
129	100.4	68.9	127.9
131	96.1	65.2	121.2
166	128.2	86.7	160.9





#48

2-Hexanone

Concen: 54.992 ug/L

RT: 8.072 min Scan# 2186

Delta R.T. 0.003 min

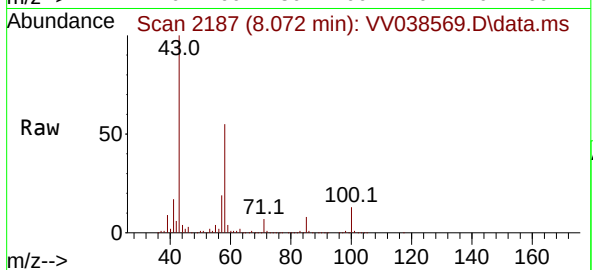
Lab File: VV038569.D

Acq: 29 Jan 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 328625

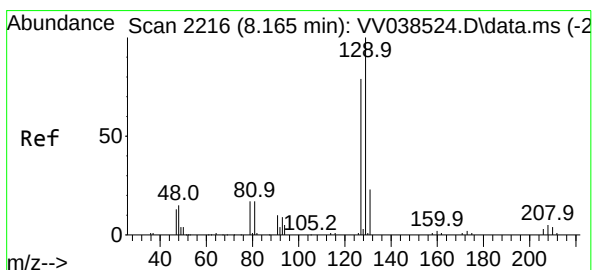
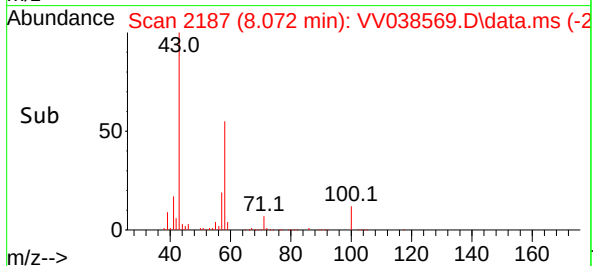
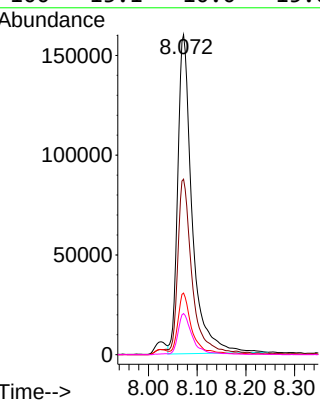
Ion Ratio Lower Upper

43 100

58 55.8 43.6 65.4

57 18.0 15.0 22.4

100 13.1 10.0 15.0



#49

Dibromochloromethane

Concen: 5.244 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. 0.003 min

Lab File: VV038569.D

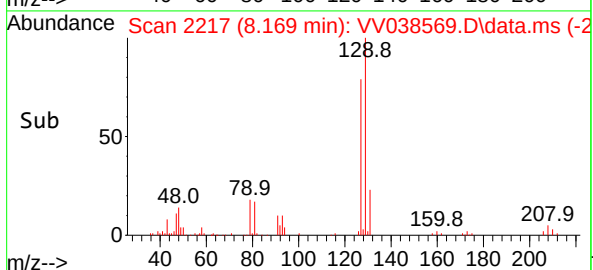
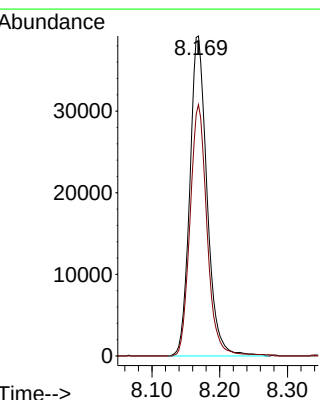
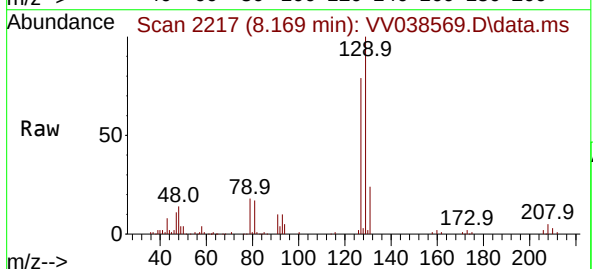
Acq: 29 Jan 2025 14:07

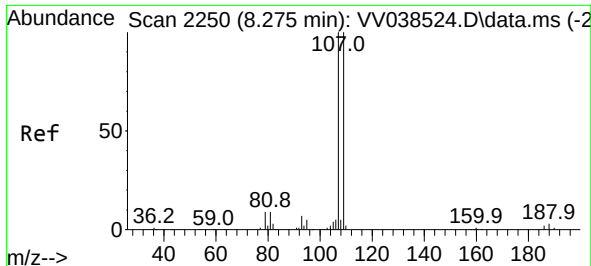
Tgt Ion: 129 Resp: 69269

Ion Ratio Lower Upper

129 100

127 78.5 52.8 98.2





#50

1,2-Dibromoethane

Concen: 5.283 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV038569.D

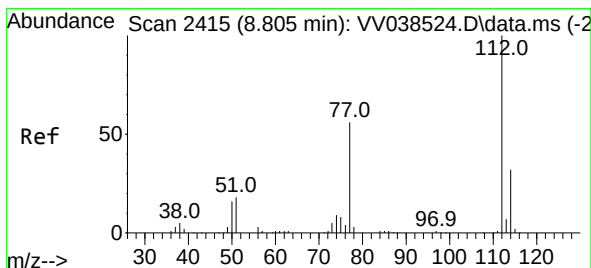
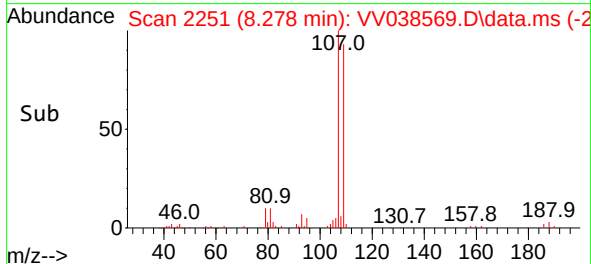
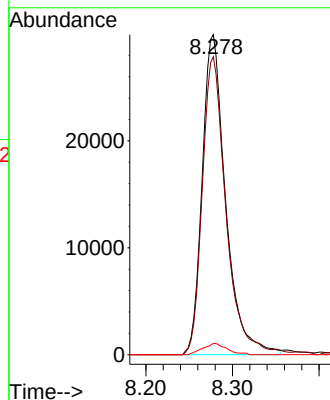
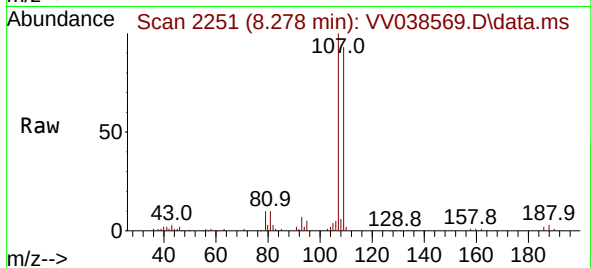
Acq: 29 Jan 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	56396
Ion	Ratio	Lower	Upper
107	100		
109	93.1	65.9	122.3
188	3.5	2.8	4.2



#51

Chlorobenzene

Concen: 4.799 ug/L

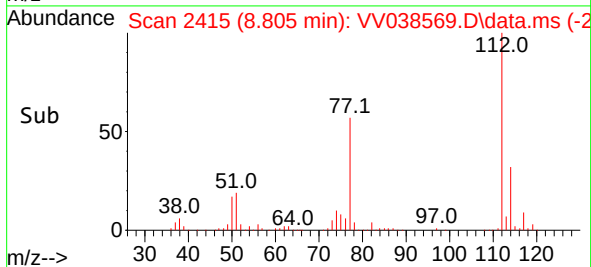
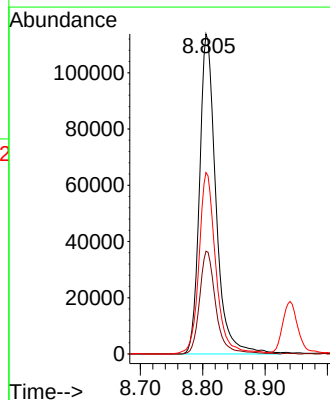
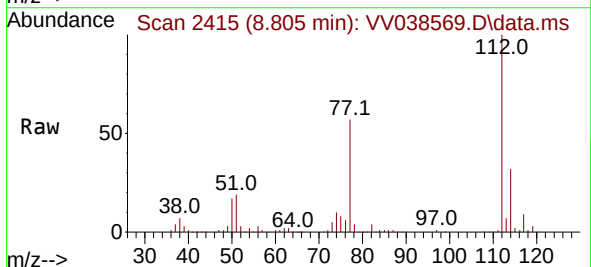
RT: 8.805 min Scan# 2415

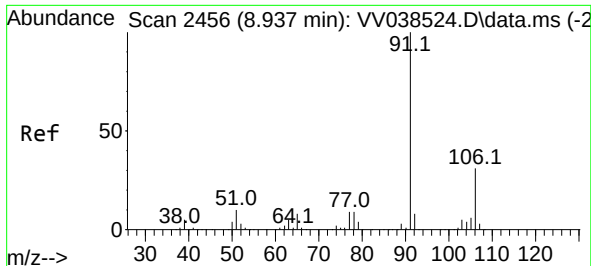
Delta R.T. -0.000 min

Lab File: VV038569.D

Acq: 29 Jan 2025 14:07

Tgt Ion:	112	Resp:	207903
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.9	42.5
77	56.7	46.1	69.1

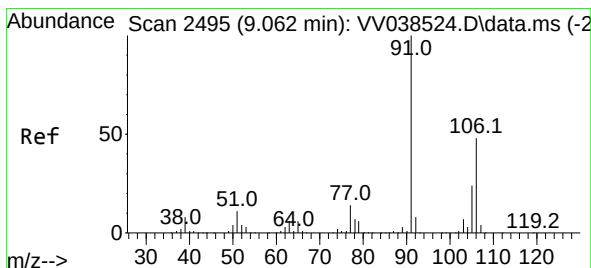
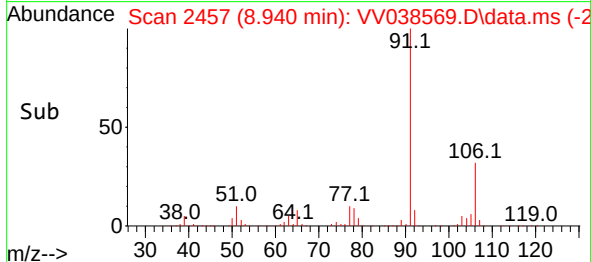
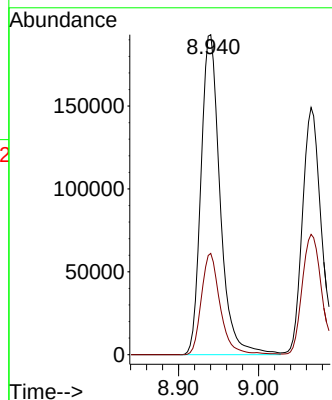
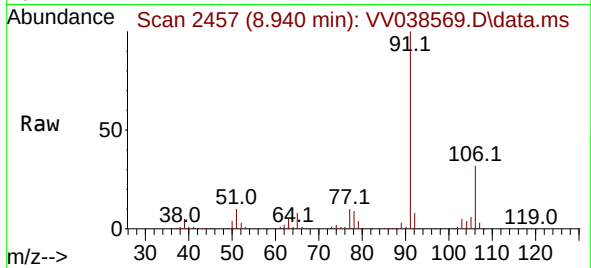




#52
Ethylbenzene
Concen: 4.646 ug/L
RT: 8.940 min Scan# 2456
Delta R.T. 0.003 min
Lab File: VV038569.D
Acq: 29 Jan 2025 14:07

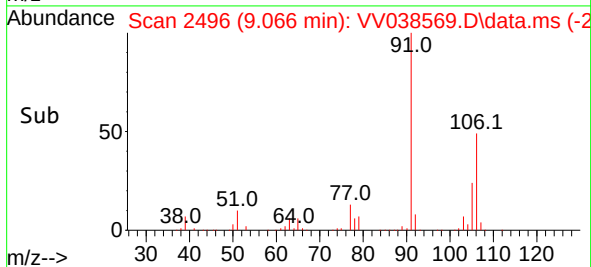
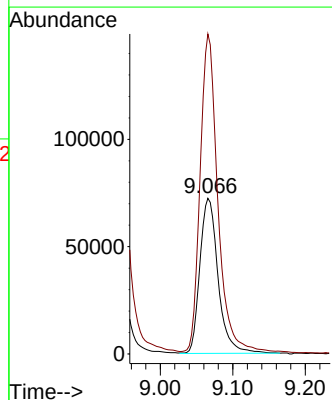
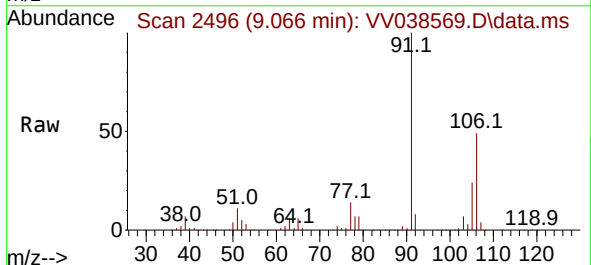
Instrument :
MSVOA_V
ClientSampleId :

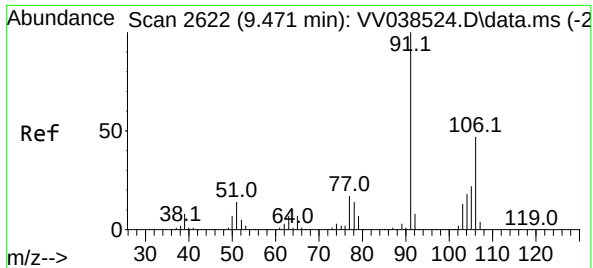
Tgt Ion: 91 Resp: 321731
Ion Ratio Lower Upper
91 100
106 31.6 22.0 40.8



#53
m,p-Xylene
Concen: 4.817 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.003 min
Lab File: VV038569.D
Acq: 29 Jan 2025 14:07

Tgt Ion: 106 Resp: 126438
Ion Ratio Lower Upper
106 100
91 205.5 148.2 275.2

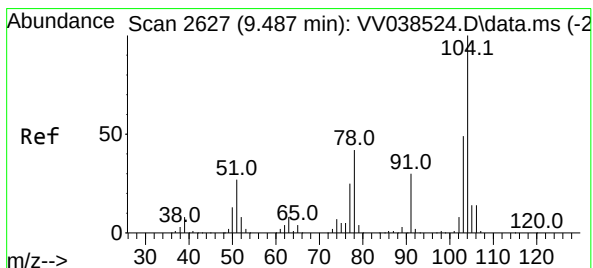
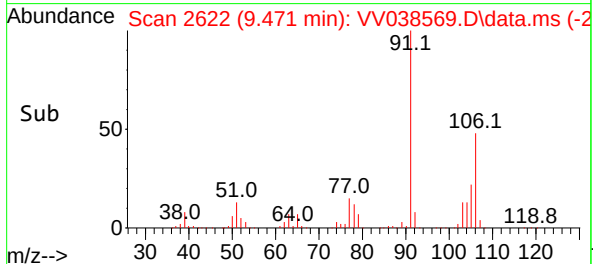
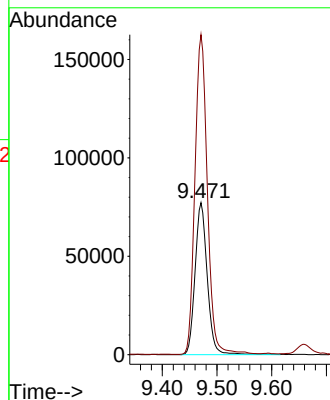
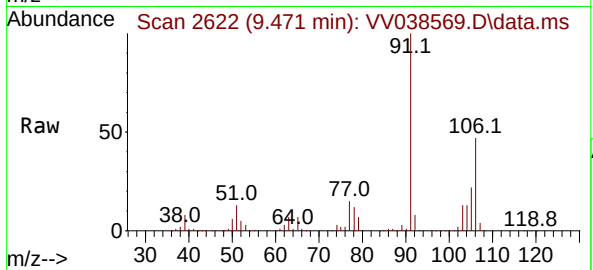




#54
o-Xylene
Concen: 4.772 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV038569.D
Acq: 29 Jan 2025 14:07

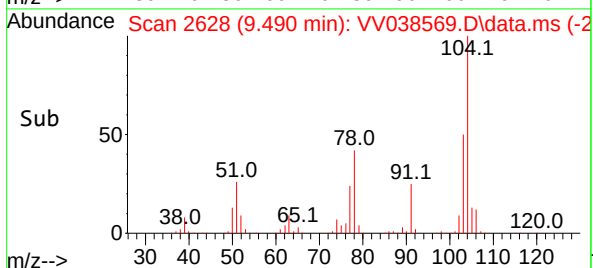
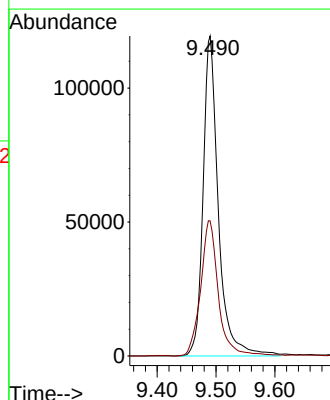
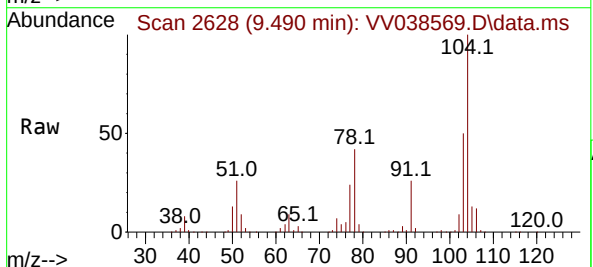
Instrument :
MSVOA_V
ClientSampleId :

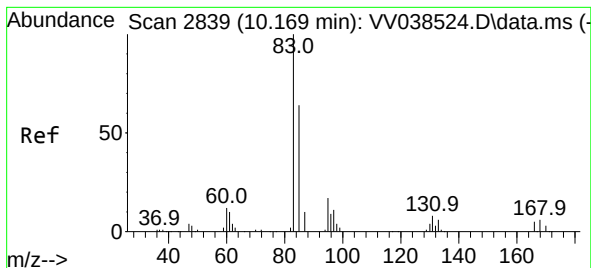
Tgt Ion:106 Resp: 119368
Ion Ratio Lower Upper
106 100
91 210.5 151.4 281.2



#55
Styrene
Concen: 4.944 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV038569.D
Acq: 29 Jan 2025 14:07

Tgt Ion:104 Resp: 215647
Ion Ratio Lower Upper
104 100
78 42.2 30.8 57.2

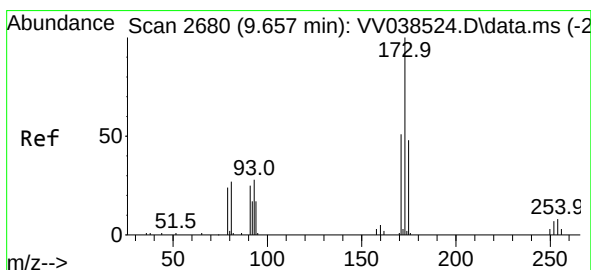
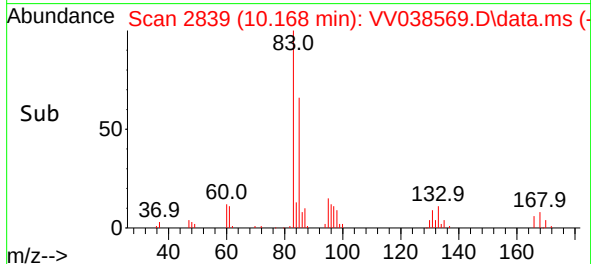
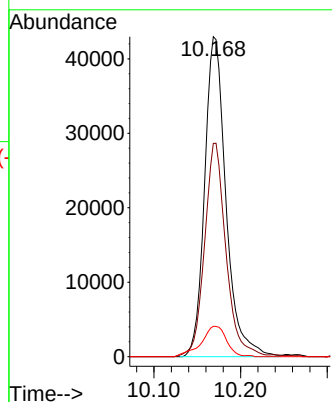
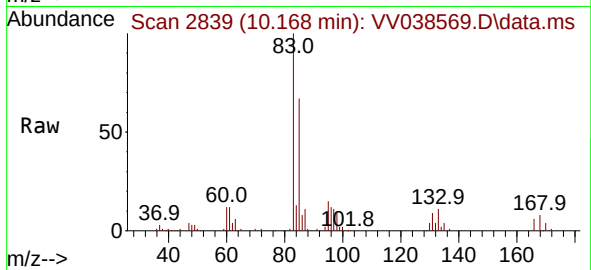




#57
1,1,2,2-Tetrachloroethane
Concen: 5.274 ug/L
RT: 10.168 min Scan# 2839
Delta R.T. -0.000 min
Lab File: VV038569.D
Acq: 29 Jan 2025 14:07

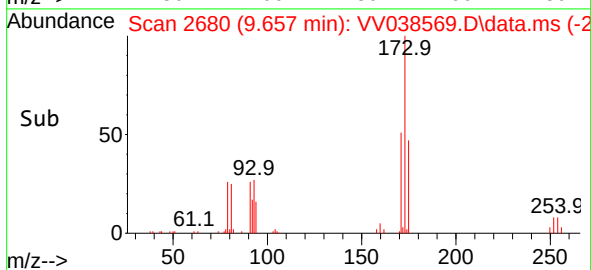
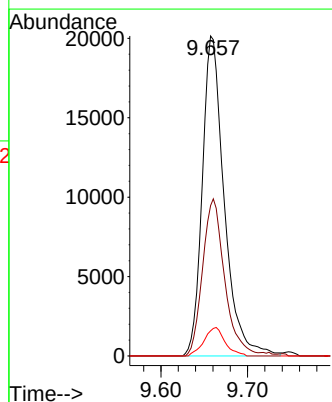
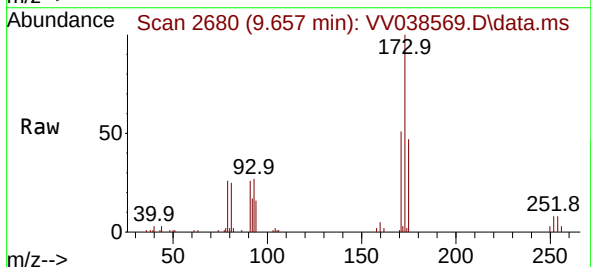
Instrument :
MSVOA_V
ClientSampleId :

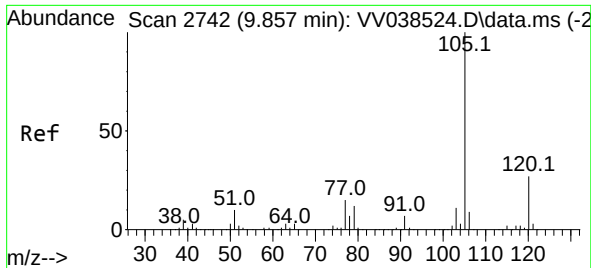
Tgt Ion: 83 Resp: 73682
Ion Ratio Lower Upper
83 100
85 66.7 45.1 83.7
131 9.5 7.5 11.3



#59
Bromoform
Concen: 4.829 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.000 min
Lab File: VV038569.D
Acq: 29 Jan 2025 14:07

Tgt Ion: 173 Resp: 35469
Ion Ratio Lower Upper
173 100
175 49.8 37.6 56.4
254 8.5 5.6 8.4

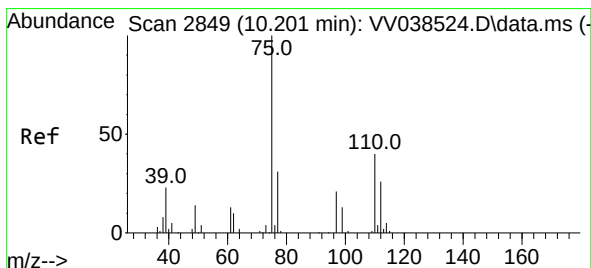
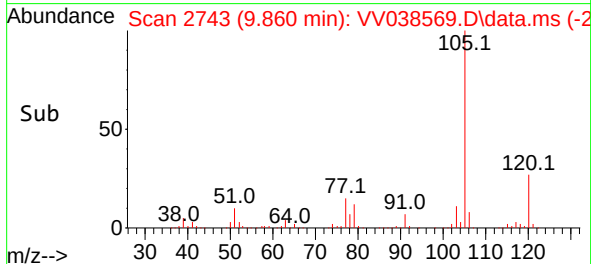
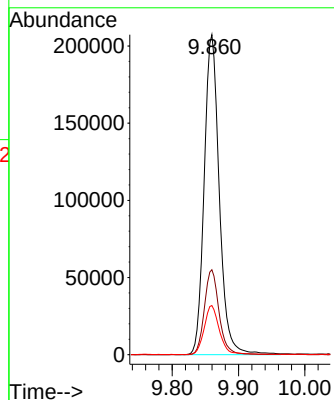
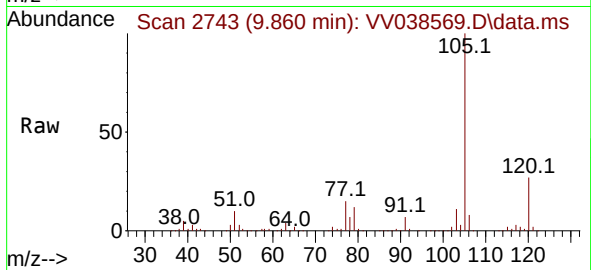




#60
Isopropylbenzene
Concen: 4.639 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038569.D
Acq: 29 Jan 2025 14:07

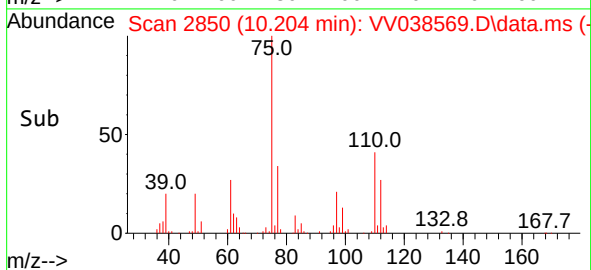
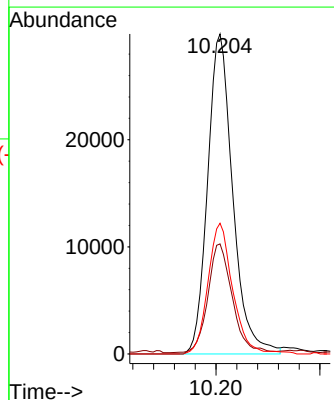
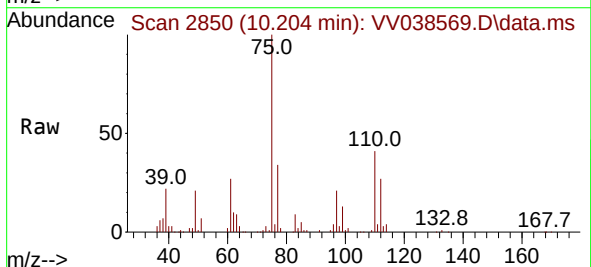
Instrument :
MSVOA_V
ClientSampleId :

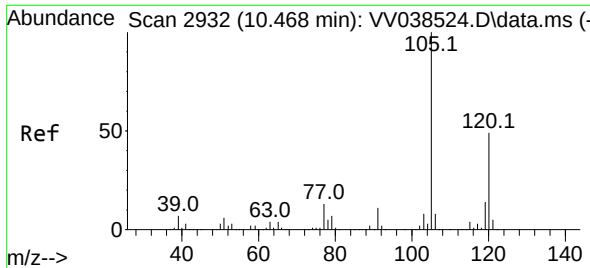
Tgt Ion:105 Resp: 328759
Ion Ratio Lower Upper
105 100
120 25.9 21.4 32.2
77 15.5 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 4.950 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.003 min
Lab File: VV038569.D
Acq: 29 Jan 2025 14:07

Tgt Ion: 75 Resp: 50090
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0
110 40.4 32.6 48.8

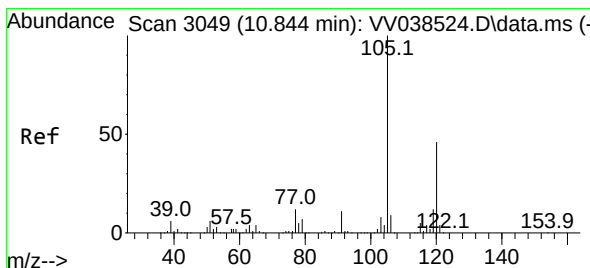
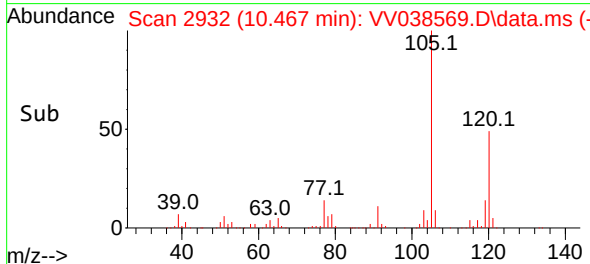
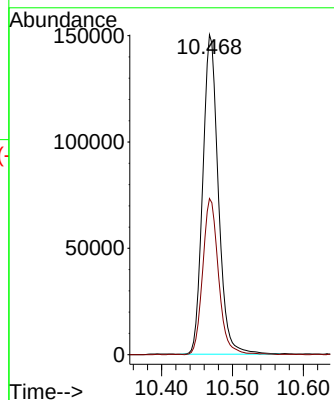
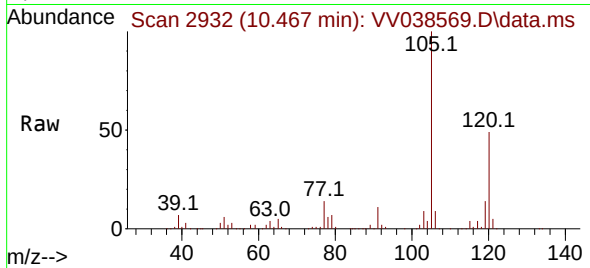




#62
 1,3,5-Trimethylbenzene
 Concen: 4.129 ug/L
 RT: 10.467 min Scan# 2932
 Delta R.T. -0.000 min
 Lab File: VV038569.D
 Acq: 29 Jan 2025 14:07

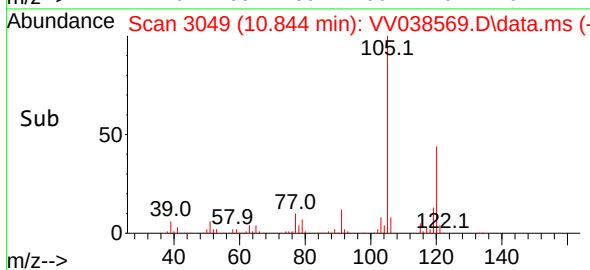
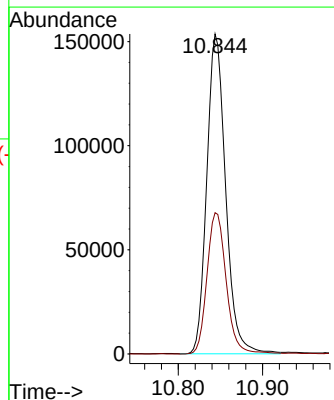
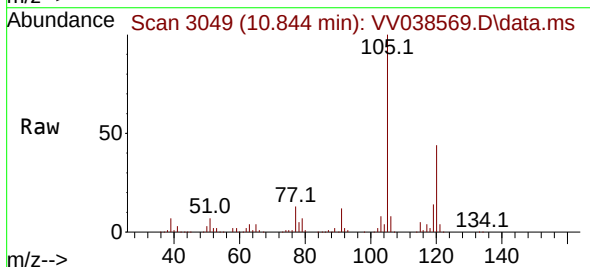
Instrument :
 MSVOA_V
 ClientSampleId :

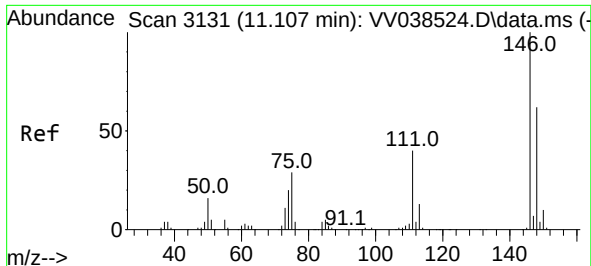
Tgt Ion:105 Resp: 229104
 Ion Ratio Lower Upper
 105 100
 120 49.9 39.4 59.0



#63
 1,2,4-Trimethylbenzene
 Concen: 4.321 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. -0.000 min
 Lab File: VV038569.D
 Acq: 29 Jan 2025 14:07

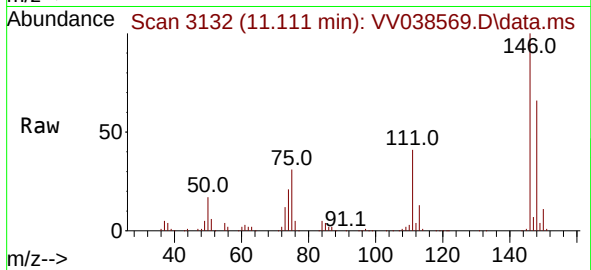
Tgt Ion:105 Resp: 239521
 Ion Ratio Lower Upper
 105 100
 120 45.1 35.8 53.8



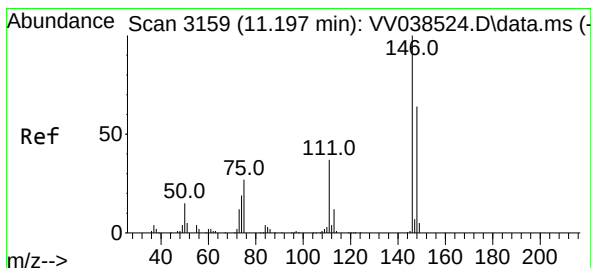
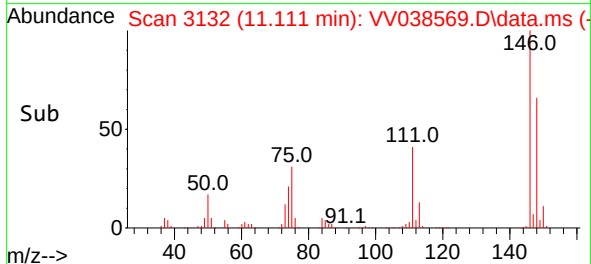
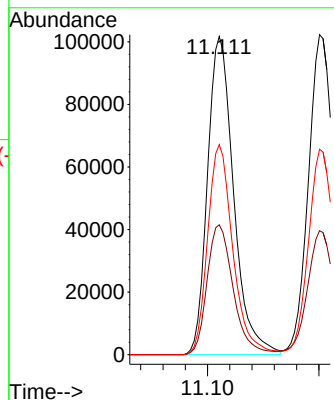


#64
1,3-Dichlorobenzene
Concen: 4.710 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. 0.003 min
Lab File: VV038569.D
Acq: 29 Jan 2025 14:07

Instrument :
MSVOA_V
ClientSampleId :

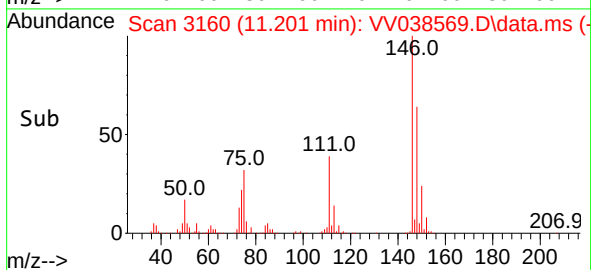
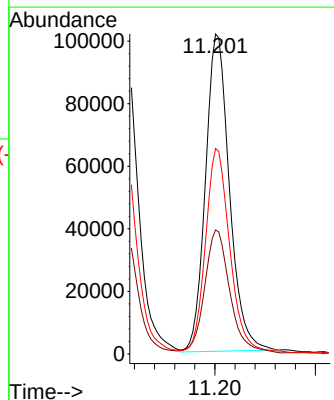
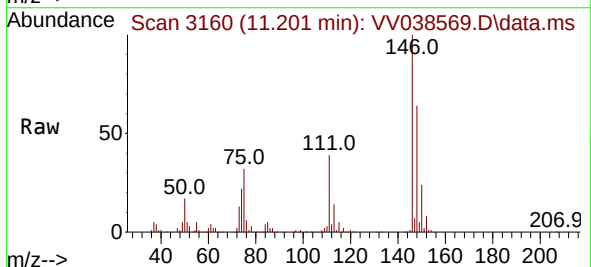


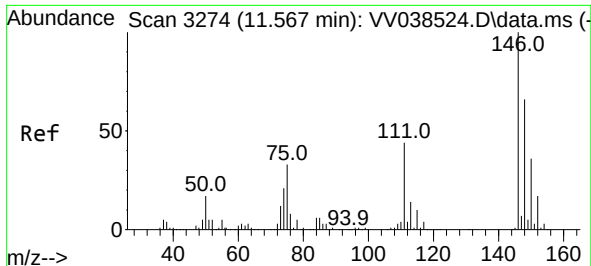
Tgt Ion:146 Resp: 165565
Ion Ratio Lower Upper
146 100
111 40.8 27.9 51.9
148 66.0 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 4.627 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.003 min
Lab File: VV038569.D
Acq: 29 Jan 2025 14:07

Tgt Ion:146 Resp: 168160
Ion Ratio Lower Upper
146 100
111 38.8 28.1 52.3
148 64.2 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 4.741 ug/L

RT: 11.570 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038569.D

Acq: 29 Jan 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :

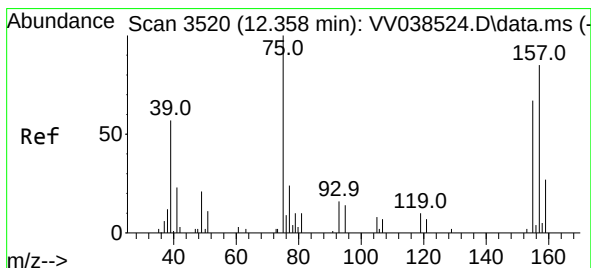
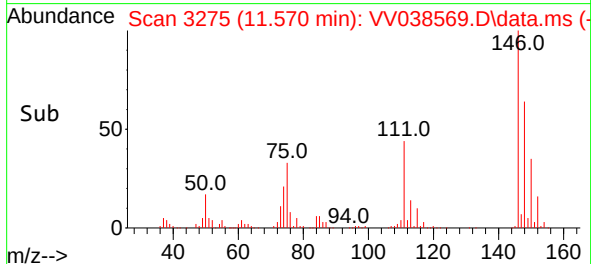
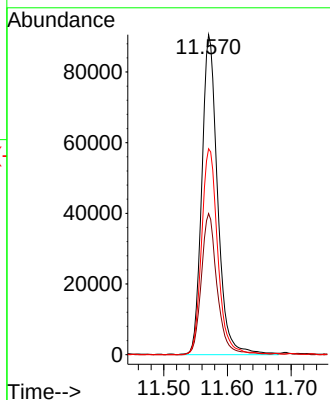
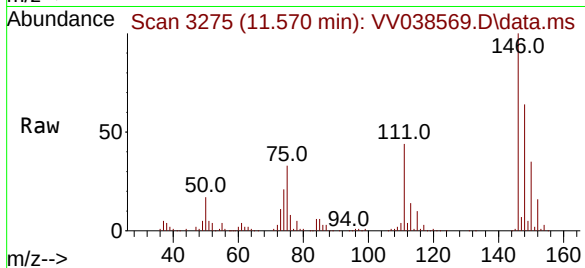
Tgt Ion:146 Resp: 156074

Ion Ratio Lower Upper

146 100

111 44.1 33.4 50.0

148 64.4 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.757 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.003 min

Lab File: VV038569.D

Acq: 29 Jan 2025 14:07

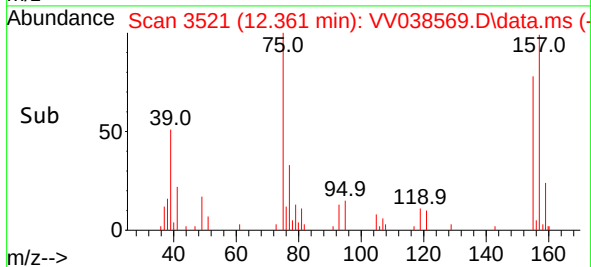
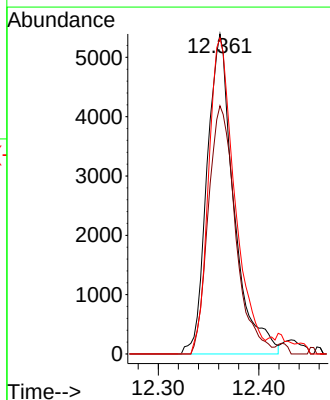
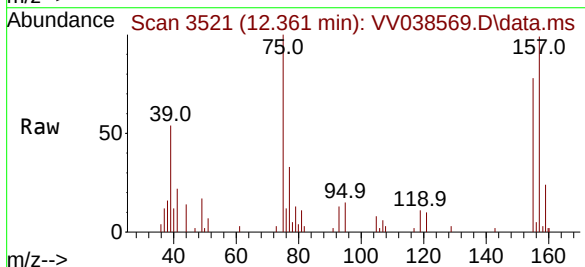
Tgt Ion: 75 Resp: 9949

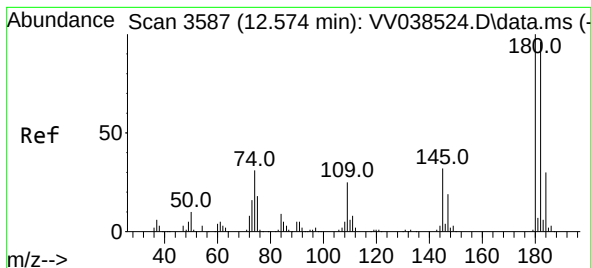
Ion Ratio Lower Upper

75 100

155 77.5 56.7 85.1

157 98.8 74.4 111.6





#69

1,3,5-Trichlorobenzene

Concen: 4.117 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.003 min

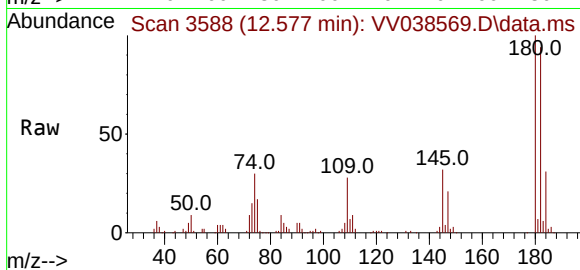
Lab File: VV038569.D

Acq: 29 Jan 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 99536

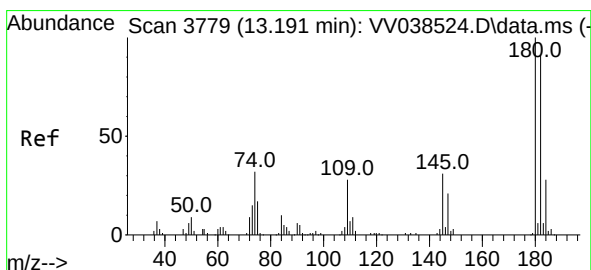
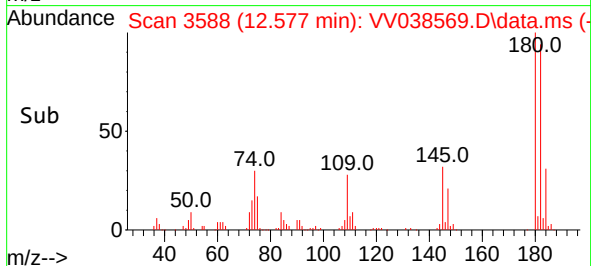
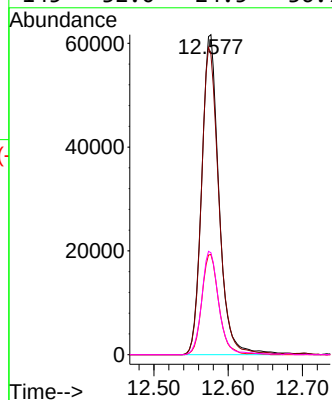
Ion Ratio Lower Upper

180 100

182 96.2 74.3 111.5

184 30.8 23.2 34.8

145 32.0 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.168 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV038569.D

Acq: 29 Jan 2025 14:07

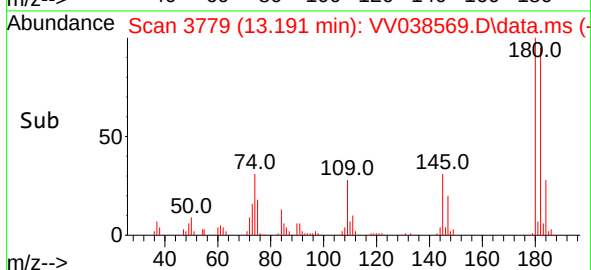
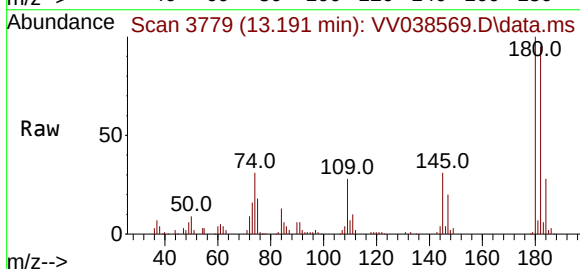
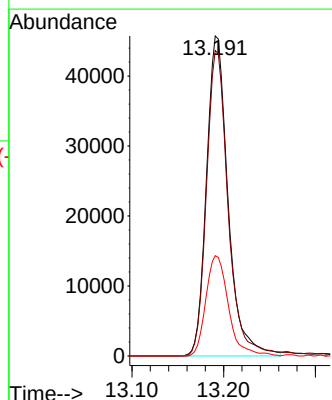
Tgt Ion:180 Resp: 74906

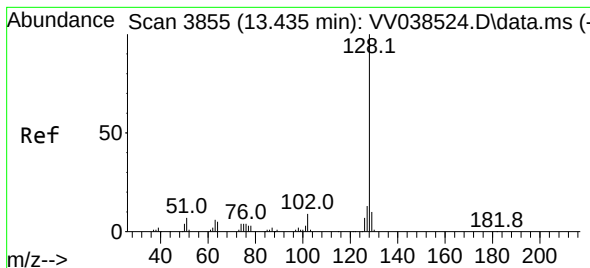
Ion Ratio Lower Upper

180 100

182 96.2 77.5 116.3

145 32.7 26.2 39.4





#71

Naphthalene

Concen: 3.645 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV038569.D

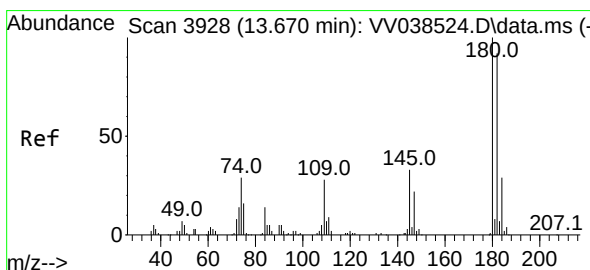
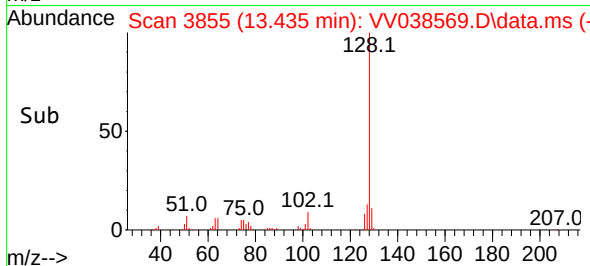
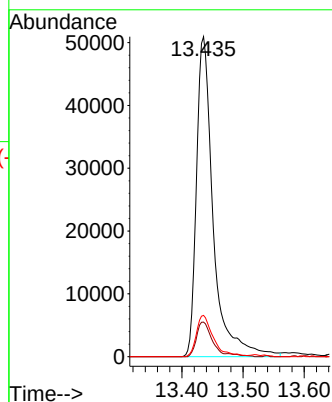
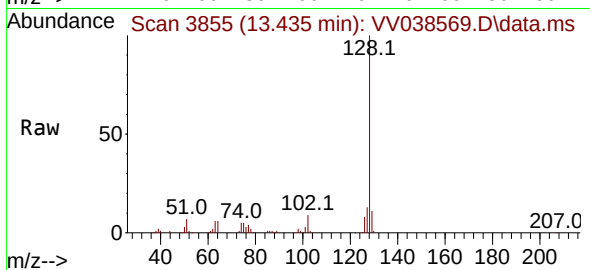
Acq: 29 Jan 2025 14:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	97039
Ion Ratio	Lower	Upper
128	100	
129	9.8	8.3 12.5
127	13.1	11.0 16.6



#72

1,2,3-Trichlorobenzene

Concen: 4.491 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.003 min

Lab File: VV038569.D

Acq: 29 Jan 2025 14:07

Tgt Ion:180	Resp:	69783
Ion Ratio	Lower	Upper
180	100	
182	95.1	77.0 115.6
145	34.3	27.1 40.7

