

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW012325\
 Data File : VW038510.D
 Acq On : 23 Jan 2025 16:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 24 00:17:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 23 01:38:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	208947	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	209620	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	114410	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	56939	3.304	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.000%
7) Chloroethane-d5	1.529	69	53515	3.699	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.053	65	28381	3.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	3.834	46	139841	38.587	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.180%
24) Chloroform-d	4.236	84	139621	4.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	4.937	65	62023	4.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
32) Benzene-d6	4.950	84	250437	4.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	5.979	67	76595	4.365	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.233	98	224796	4.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	7.548	79	28243	4.400	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.024	63	107785	42.560	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.120%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	64096	4.607	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.551	152	85898	4.436	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	104555	4.467	ug/L	98
3) Chloromethane	1.214	50	102168	4.266	ug/L	100
5) Vinyl chloride	1.281	62	107207	4.431	ug/L	95
6) Bromomethane	1.487	94	59715	4.934	ug/L	97
8) Chloroethane	1.548	64	64134	4.424	ug/L	100
9) Trichlorofluoromethane	1.709	101	148141	4.811	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	86161	4.895	ug/L	98
12) 1,1-Dichloroethene	2.066	96	78752	4.545	ug/L	92
13) Acetone	2.179	43	49796	17.659	ug/L	74
14) Carbon disulfide	2.236	76	253677	4.358	ug/L	99
15) Methyl Acetate	2.391	43	30384	4.217	ug/L	# 86
16) Methylene chloride	2.442	84	83066	4.326	ug/L	100
17) Methyl tert-butyl Ether	2.699	73	158200	4.339	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	82013	4.604	ug/L	97
19) 1,1-Dichloroethane	3.105	63	153329	4.523	ug/L	99
21) 2-Butanone	3.915	43	147150	36.788	ug/L	89
22) cis-1,2-Dichloroethene	3.805	96	81565	4.504	ug/L	96
23) Bromochloromethane	4.140	128	38116	4.625	ug/L	94
25) Chloroform	4.262	83	152717	4.557	ug/L	98

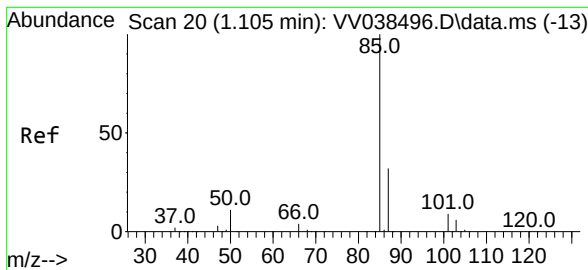
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW012325\
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Quant Time: Jan 24 00:17:38 2025
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 23 01:38:03 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	84385	4.527	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	134796	4.837	ug/L	97
30) Cyclohexane	4.571	56	123015	4.846	ug/L	96
31) Carbon tetrachloride	4.722	117	119041	4.833	ug/L	99
33) Benzene	4.998	78	321625	4.832	ug/L	100
34) Trichloroethene	5.825	95	86527	5.002	ug/L	96
35) Methylcyclohexane	6.040	83	133367	5.058	ug/L	98
37) 1,2-Dichloropropane	6.085	63	84940	4.941	ug/L	99
38) Bromodichloromethane	6.423	83	104005	4.665	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	110828	4.677	ug/L	98
40) 4-Methyl-2-pentanone	7.149	43	404461	45.475	ug/L	99
42) Toluene	7.307	91	355981	5.131	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	91502	4.557	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	57905	4.683	ug/L	98
47) Tetrachloroethene	7.895	164	67527	5.043	ug/L	99
48) 2-Hexanone	8.072	43	293787	45.620	ug/L	99
49) Dibromochloromethane	8.165	129	65280	4.586	ug/L	95
50) 1,2-Dibromoethane	8.275	107	54363	4.725	ug/L	99
51) Chlorobenzene	8.805	112	227951	4.883	ug/L	98
52) Ethylbenzene	8.937	91	376273	5.042	ug/L	100
53) m,p-Xylene	9.063	106	143137	5.060	ug/L	95
54) o-Xylene	9.468	106	136868	5.078	ug/L	99
55) Styrene	9.487	104	242812	5.166	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	67443	4.479	ug/L	99
59) Bromoform	9.657	173	34713	4.351	ug/L	98
60) Isopropylbenzene	9.857	105	376671	4.893	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	47098	4.285	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	290884	4.825	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	295595	4.909	ug/L	98
64) 1,3-Dichlorobenzene	11.107	146	187586	4.912	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	187389	4.746	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	168658	4.716	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	8969	3.948	ug/L	90
69) 1,3,5-Trichlorobenzene	12.574	180	124021	4.721	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	91282	4.676	ug/L	99
71) Naphthalene	13.432	128	122142	4.223	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	80177	4.750	ug/L	99

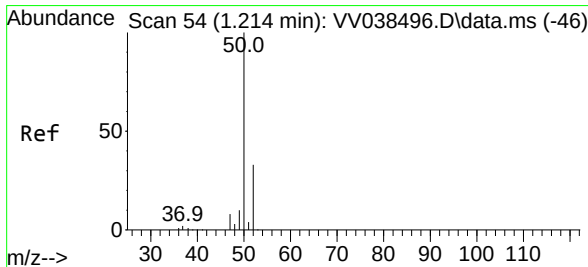
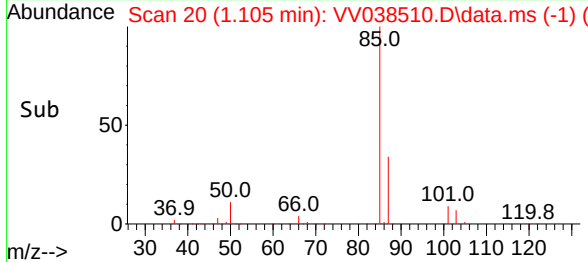
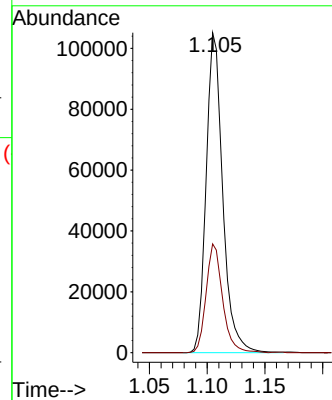
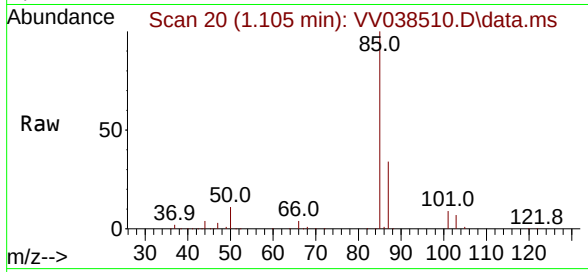
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#2
 Dichlorodifluoromethane
 Concen: 4.467 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038510.D
 Acq: 23 Jan 2025 16:19

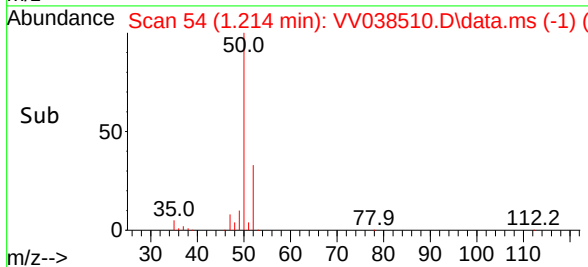
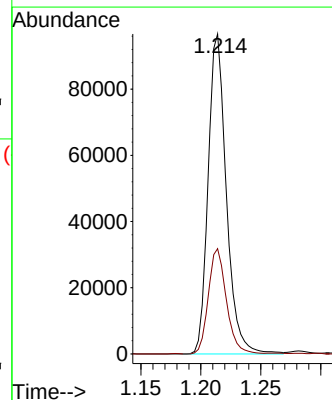
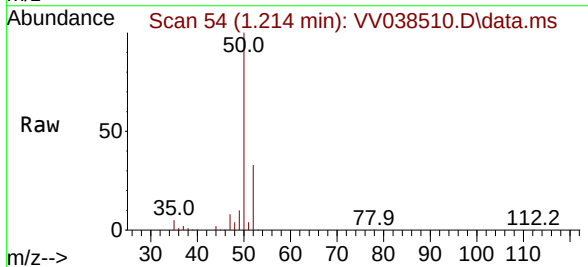
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 ClientSampleId :

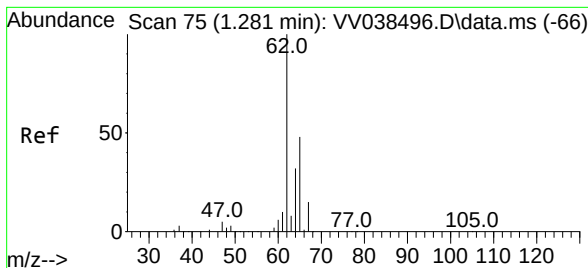
Tgt Ion: 85 Resp: 104555
 Ion Ratio Lower Upper
 85 100
 87 33.8 26.0 39.0



#3
 Chloromethane
 Concen: 4.266 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038510.D
 Acq: 23 Jan 2025 16:19

Tgt Ion: 50 Resp: 102168
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.0 42.6





#5

Vinyl chloride

Concen: 4.431 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV038510.D

Acq: 23 Jan 2025 16:19

Instrument :

MSVOA_V

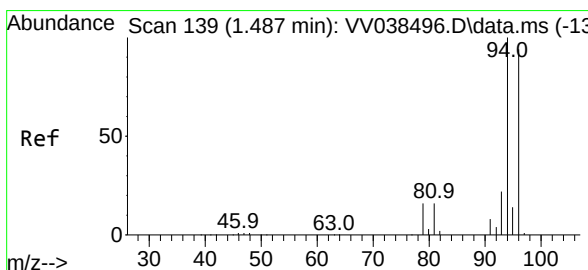
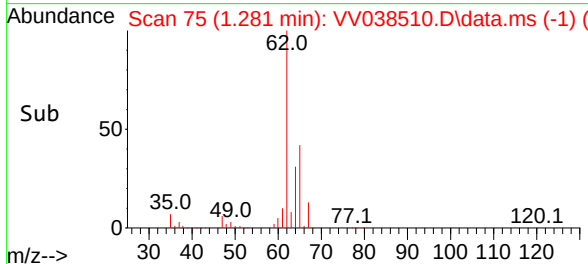
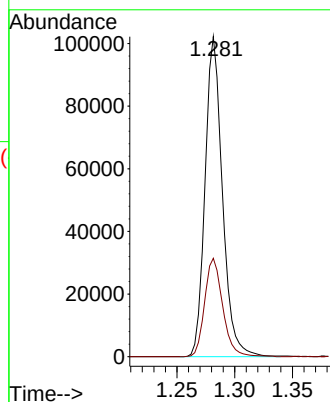
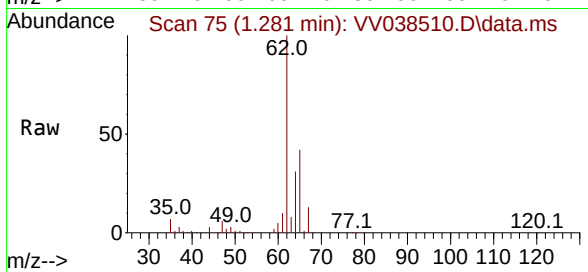
ClientSampleId :

Tgt Ion: 62 Resp: 107207

Ion Ratio Lower Upper

62 100

64 30.8 23.5 43.7



#6

Bromomethane

Concen: 4.934 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV038510.D

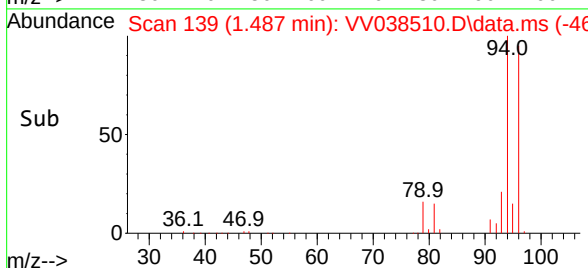
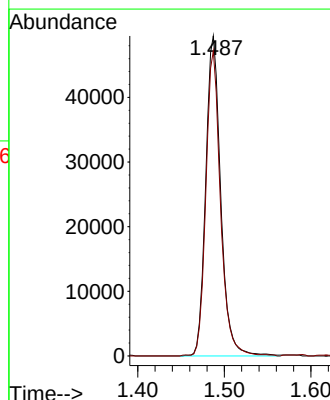
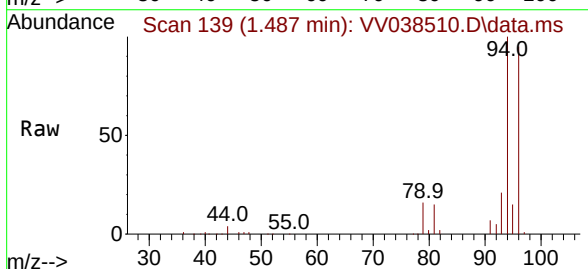
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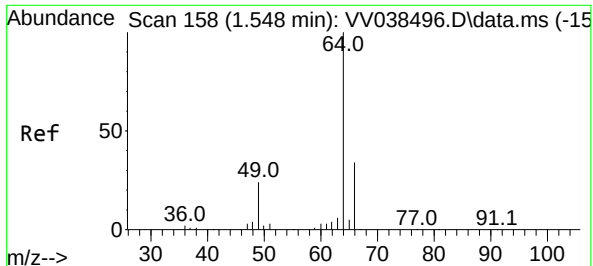
Tgt Ion: 94 Resp: 59715

Ion Ratio Lower Upper

94 100

96 95.3 68.9 127.9

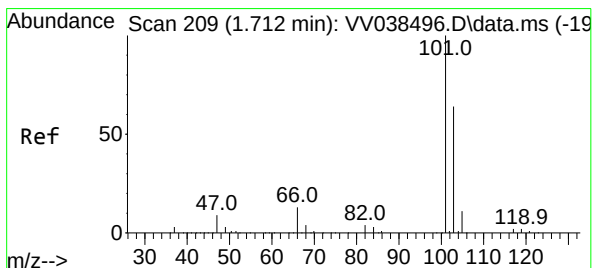
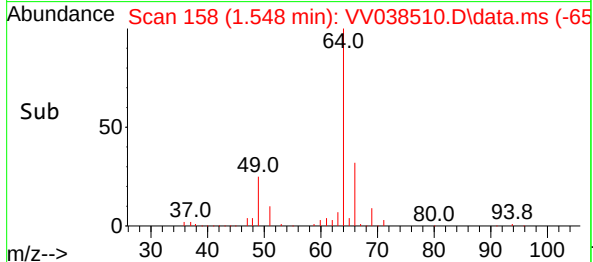
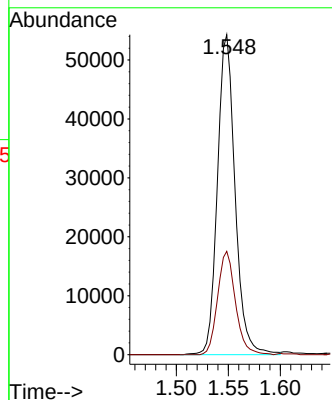
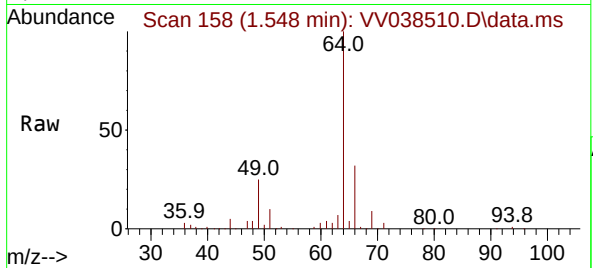




#8
Chloroethane
Concen: 4.424 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

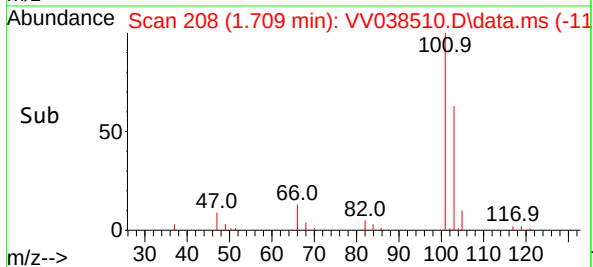
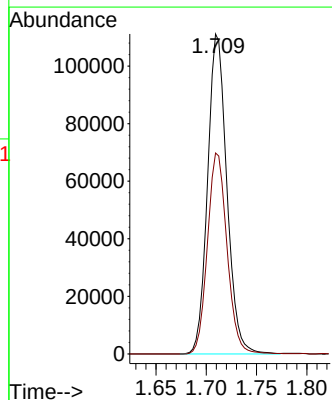
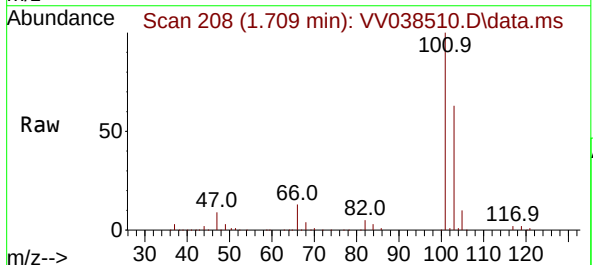
Instrument :
MSVOA_V
ClientSampleId :

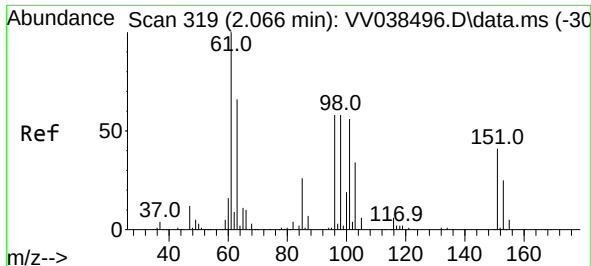
Tgt Ion: 64 Resp: 64134
Ion Ratio Lower Upper
64 100
66 32.3 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.811 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

Tgt Ion:101 Resp: 148141
Ion Ratio Lower Upper
101 100
103 63.8 51.5 77.3

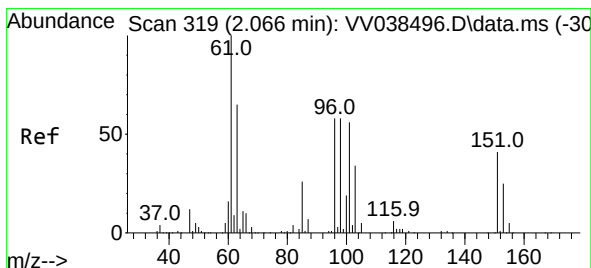
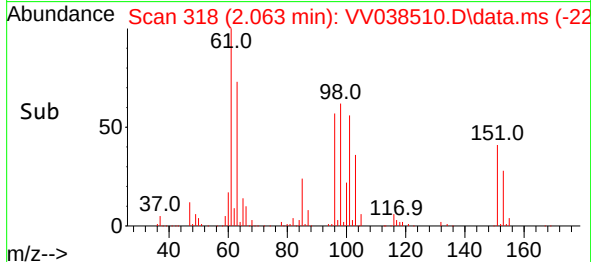
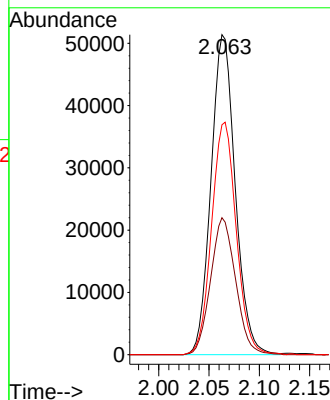
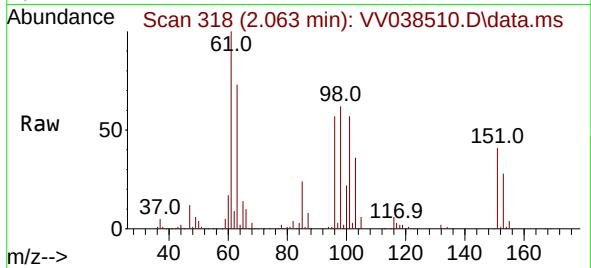




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.895 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV038510.D
 Acq: 23 Jan 2025 16:19

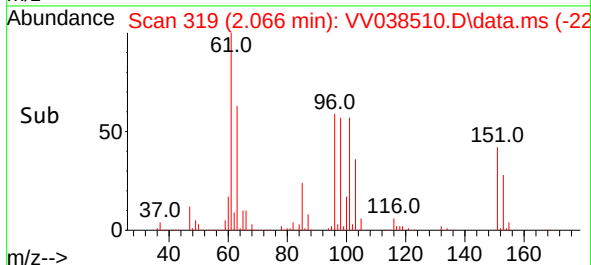
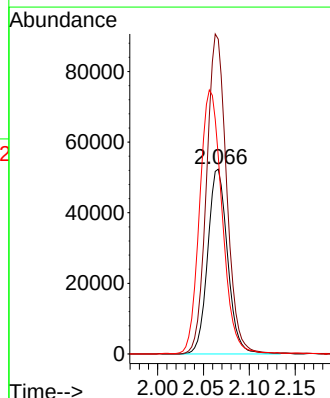
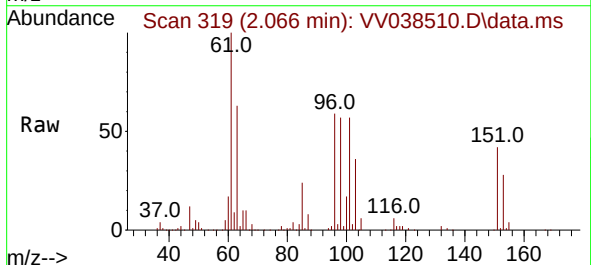
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 ClientSampleId :

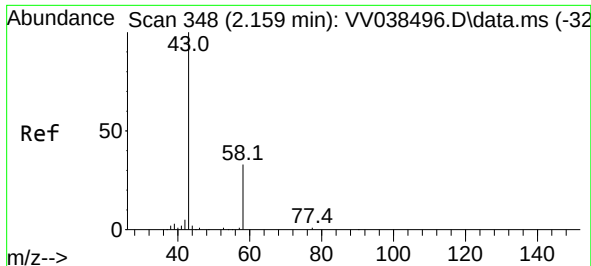
Tgt Ion:101 Resp: 86161
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.2 52.8
 151 74.0 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 4.545 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV038510.D
 Acq: 23 Jan 2025 16:19

Tgt Ion: 96 Resp: 78752
 Ion Ratio Lower Upper
 96 100
 61 170.3 122.2 227.0
 63 107.0 86.2 160.0





#13

Acetone

Concen: 17.659 ug/L

RT: 2.179 min Scan# 3

Delta R.T. 0.019 min

Lab File: VV038510.D

Acq: 23 Jan 2025 16:19

Instrument :

MSVOA_V

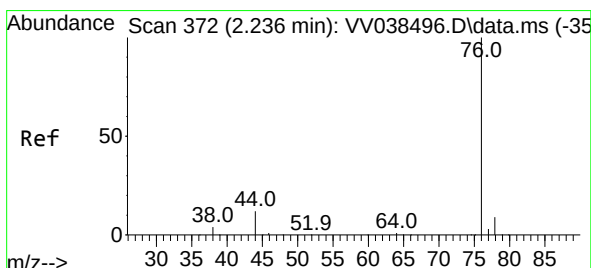
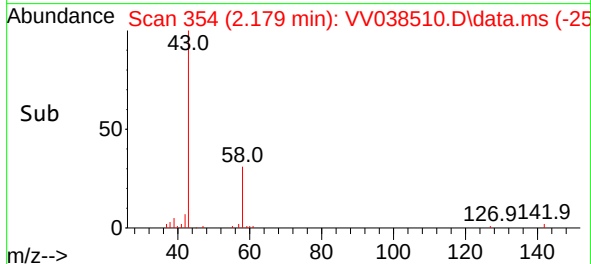
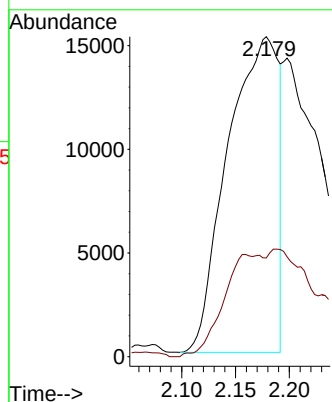
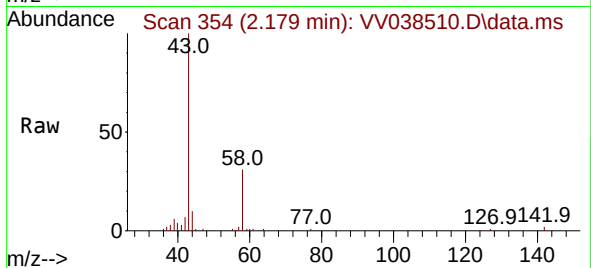
ClientSampleId :

Tgt Ion: 43 Resp: 49796

Ion Ratio Lower Upper

43 100

58 19.0 0.0 67.2



#14

Carbon disulfide

Concen: 4.358 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV038510.D

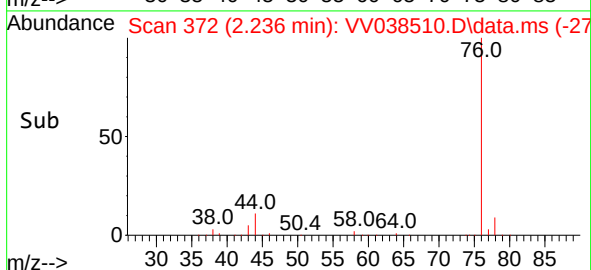
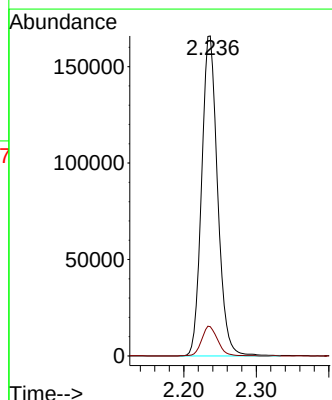
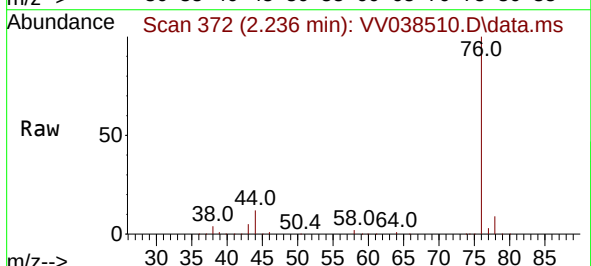
Acq: 23 Jan 2025 16:19

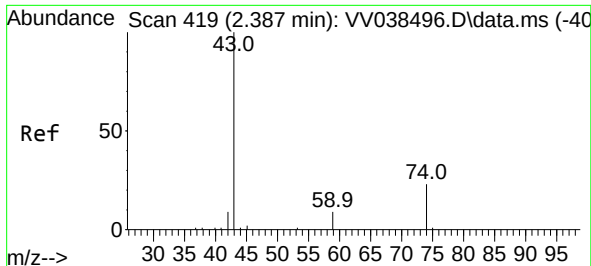
Tgt Ion: 76 Resp: 253677

Ion Ratio Lower Upper

76 100

78 9.2 7.6 11.4

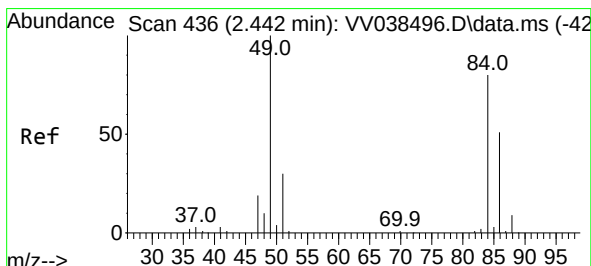
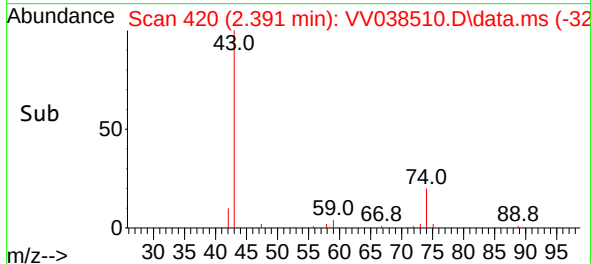
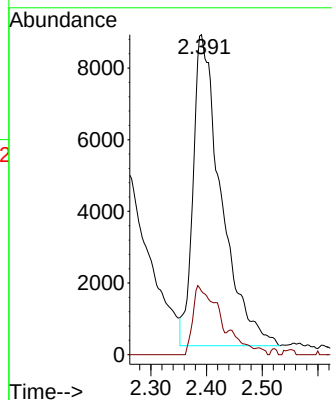
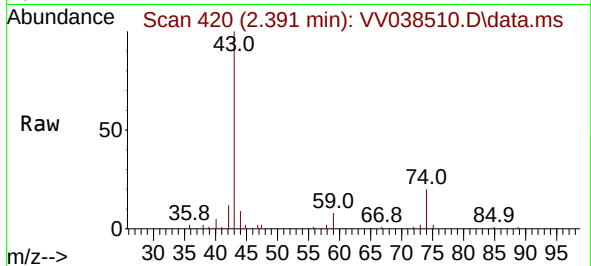




#15
Methyl Acetate
Concen: 4.217 ug/L
RT: 2.391 min Scan# 419
Delta R.T. 0.003 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

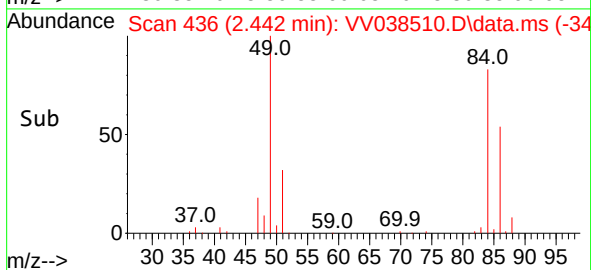
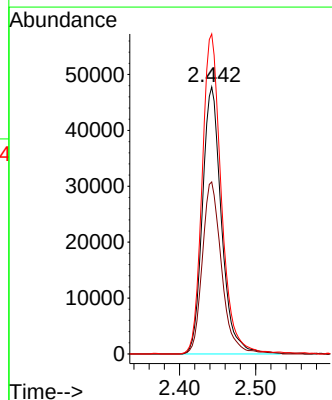
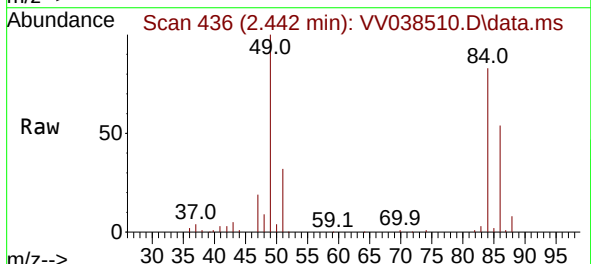
Instrument :
MSVOA_V
ClientSampleId :

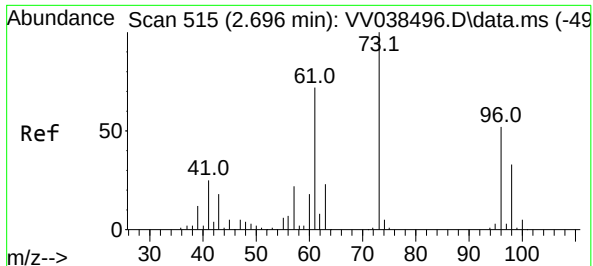
Tgt Ion: 43 Resp: 30384
Ion Ratio Lower Upper
43 100
74 18.5 20.4 30.6#



#16
Methylene chloride
Concen: 4.326 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

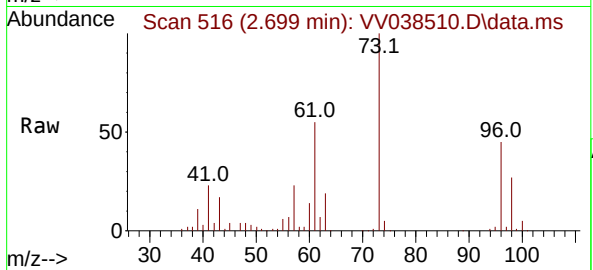
Tgt Ion: 84 Resp: 83066
Ion Ratio Lower Upper
84 100
86 64.4 44.7 82.9
49 119.9 84.1 156.1



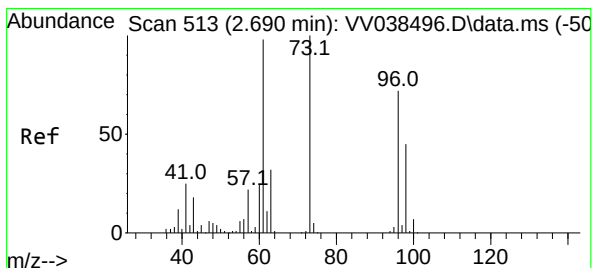
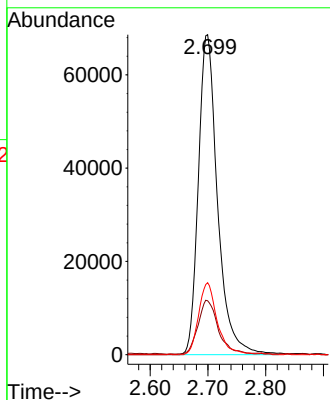
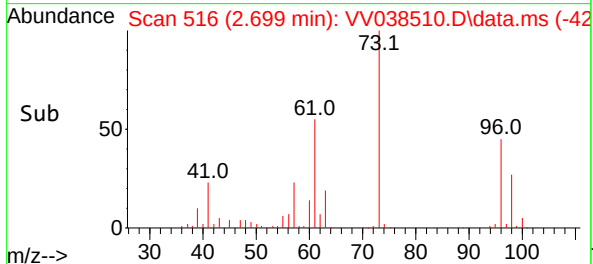


#17
Methyl tert-butyl Ether
Concen: 4.339 ug/L
RT: 2.699 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

Instrument :
MSVOA_V
ClientSampleId :

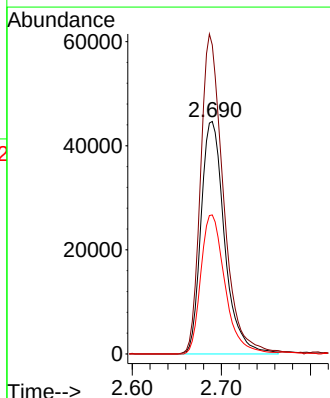
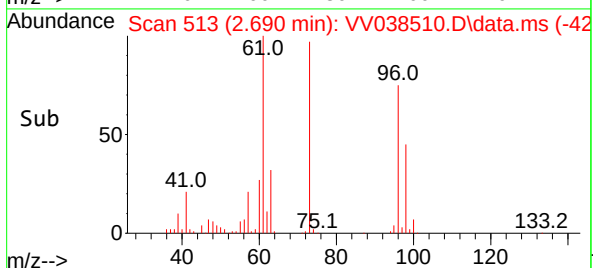
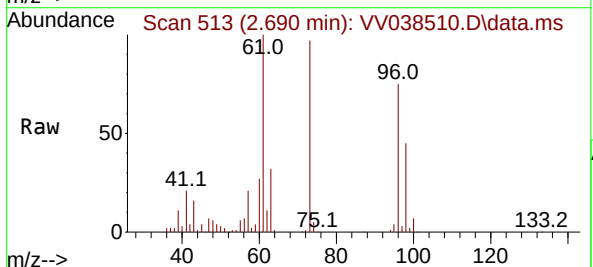


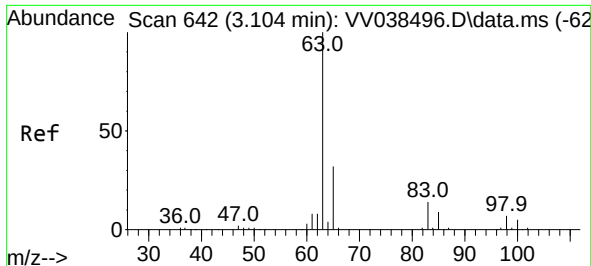
Tgt Ion: 73 Resp: 158200
Ion Ratio Lower Upper
73 100
43 17.6 14.6 21.8
57 21.8 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.604 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

Tgt Ion: 96 Resp: 82013
Ion Ratio Lower Upper
96 100
61 132.9 94.8 176.2
98 59.8 44.2 82.2





#19

1,1-Dichloroethane

Concen: 4.523 ug/L

RT: 3.105 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV038510.D

Acq: 23 Jan 2025 16:19

Instrument :

MSVOA_V

ClientSampleId :

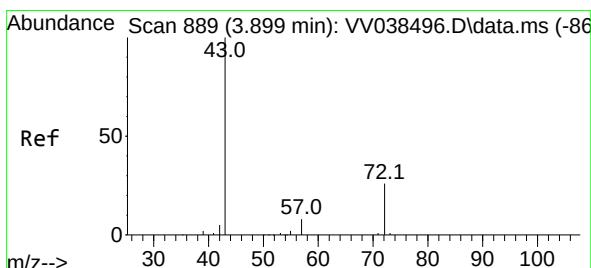
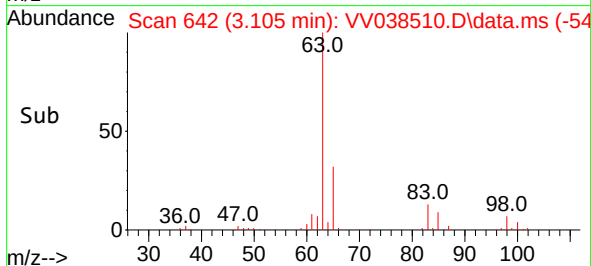
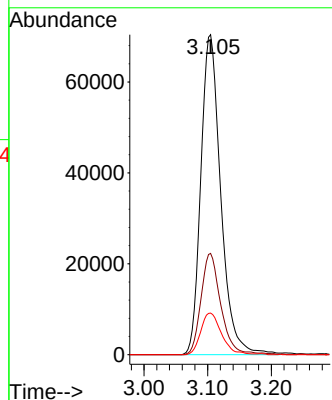
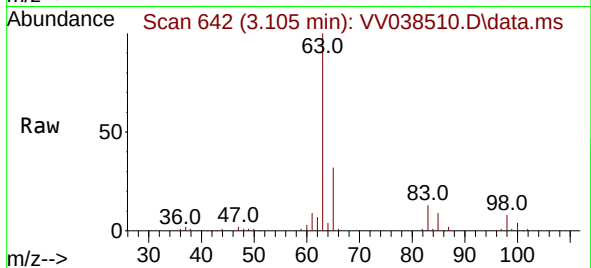
Tgt Ion: 63 Resp: 153329

Ion Ratio Lower Upper

63 100

65 31.7 22.5 41.9

83 13.0 9.4 17.6



#21

2-Butanone

Concen: 36.788 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.016 min

Lab File: VV038510.D

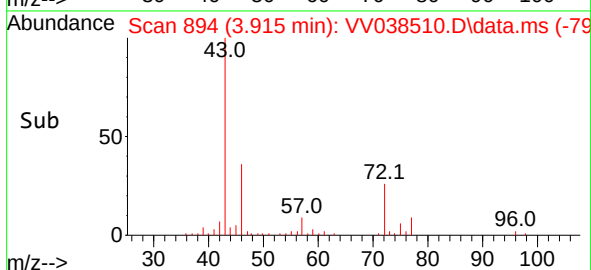
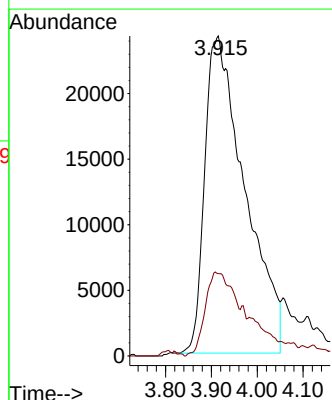
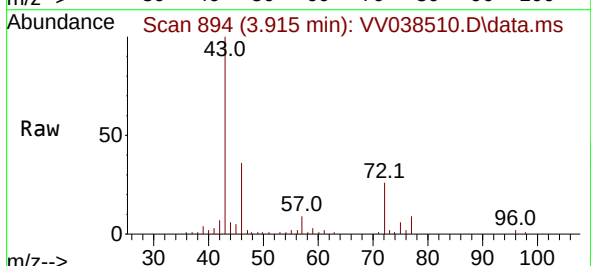
Acq: 23 Jan 2025 16:19

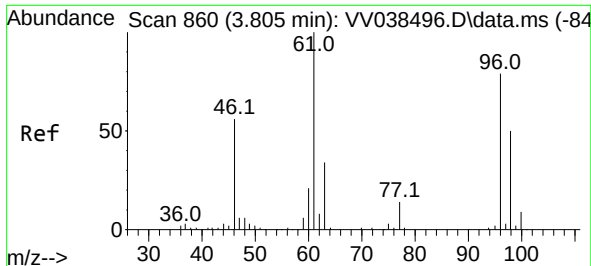
Tgt Ion: 43 Resp: 147150

Ion Ratio Lower Upper

43 100

72 18.8 12.2 36.4





#22

cis-1,2-Dichloroethene

Concen: 4.504 ug/L

RT: 3.805 min Scan# 860

Delta R.T. 0.000 min

Lab File: VV038510.D

Acq: 23 Jan 2025 16:19

Instrument :

MSVOA_V

ClientSampleId :

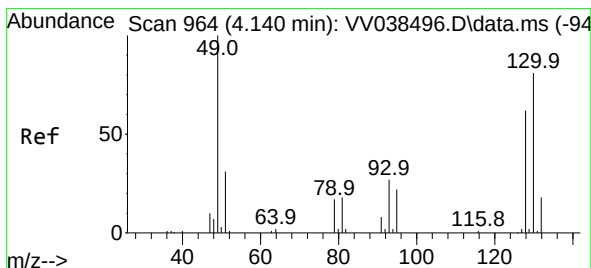
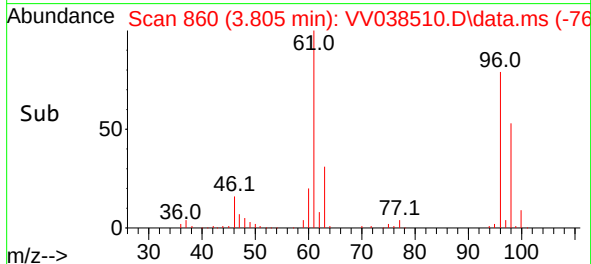
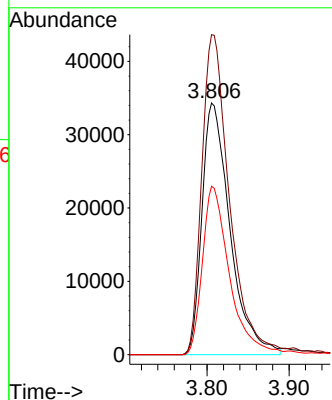
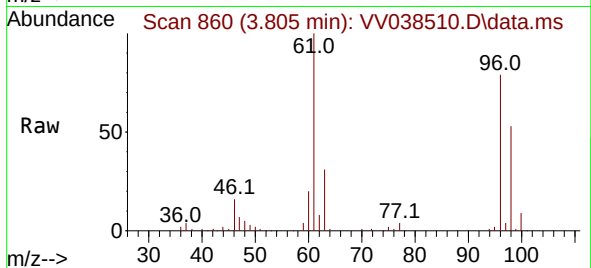
Tgt Ion: 96 Resp: 81565

Ion Ratio Lower Upper

96 100

61 127.2 86.5 160.7

98 66.9 43.8 81.3



#23

Bromochloromethane

Concen: 4.625 ug/L

RT: 4.140 min Scan# 964

Delta R.T. 0.000 min

Lab File: VV038510.D

Acq: 23 Jan 2025 16:19

Tgt Ion:128 Resp: 38116

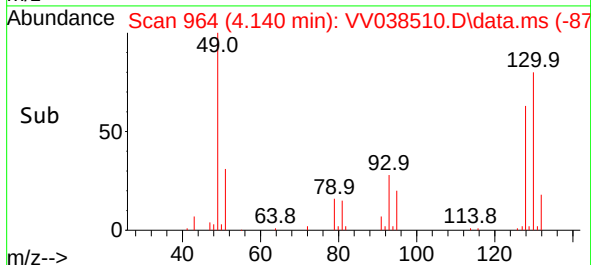
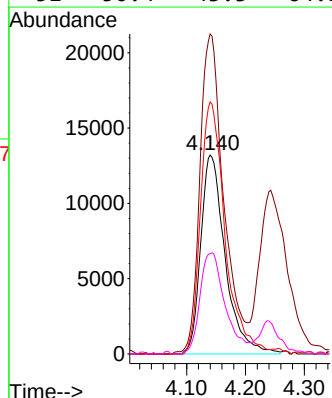
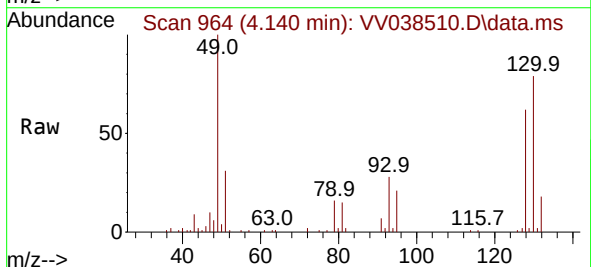
Ion Ratio Lower Upper

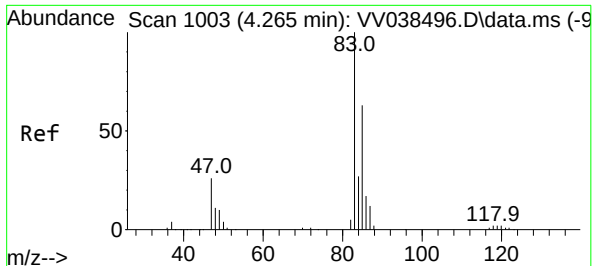
128 100

49 160.9 121.0 224.8

130 126.8 90.1 167.3

51 50.4 43.3 64.9





#25

Chloroform

Concen: 4.557 ug/L

RT: 4.262 min Scan# 1003

Delta R.T. -0.003 min

Lab File: VV038510.D

Acq: 23 Jan 2025 16:19

Instrument :

MSVOA_V

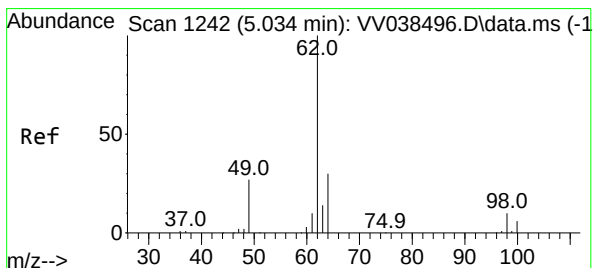
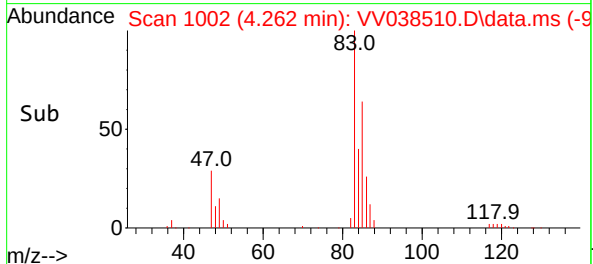
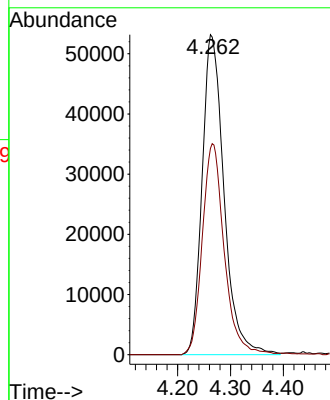
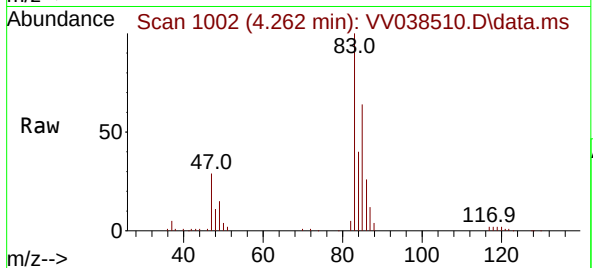
ClientSampleId :

Tgt Ion: 83 Resp: 152717

Ion Ratio Lower Upper

83 100

85 64.5 44.0 81.8



#27

1,2-Dichloroethane

Concen: 4.527 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VV038510.D

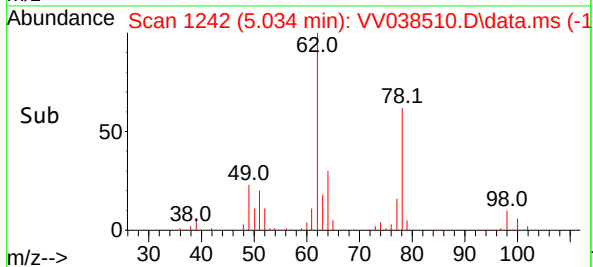
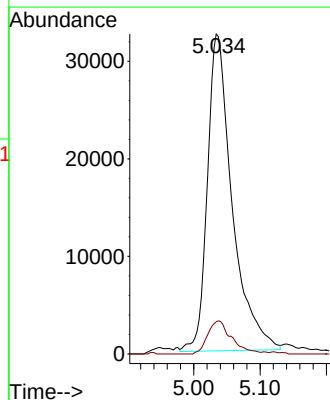
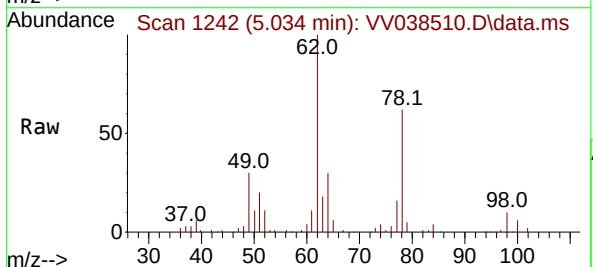
Acq: 23 Jan 2025 16:19

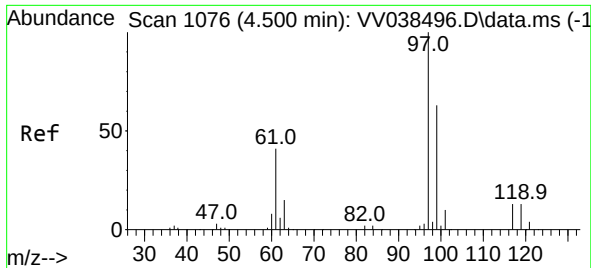
Tgt Ion: 62 Resp: 84385

Ion Ratio Lower Upper

62 100

98 10.0 7.8 11.6

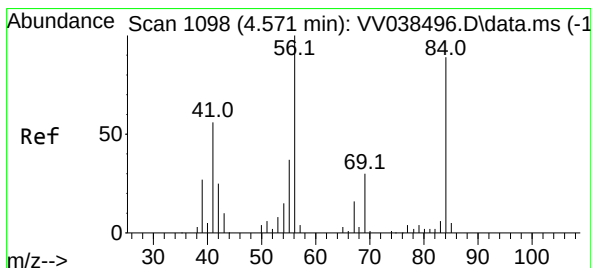
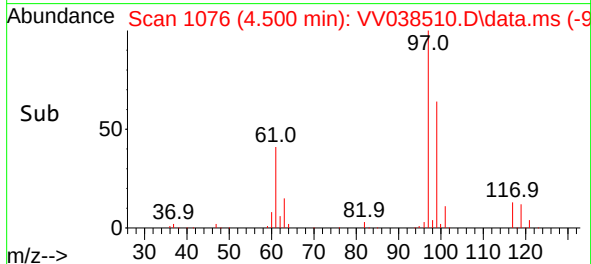
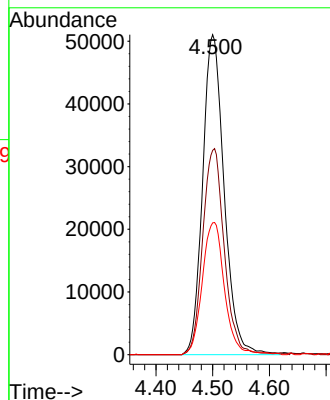
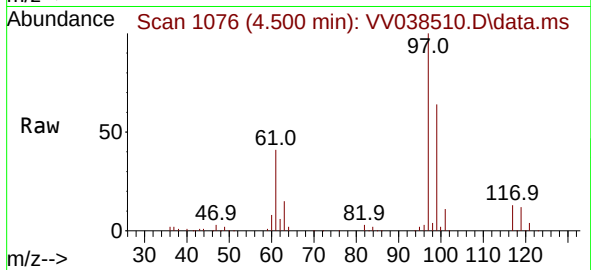




#29
1,1,1-Trichloroethane
Concen: 4.837 ug/L
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

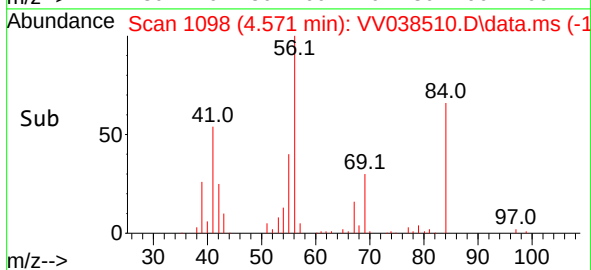
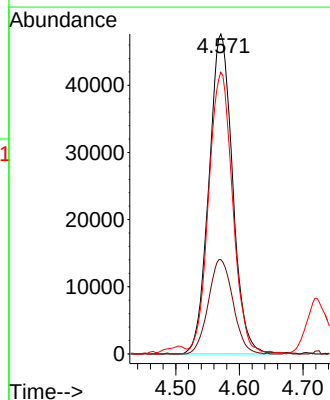
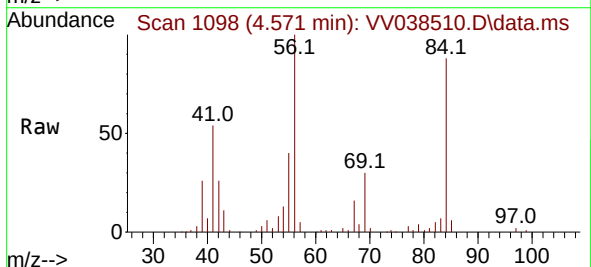
Instrument :
MSVOA_V
ClientSampleId :

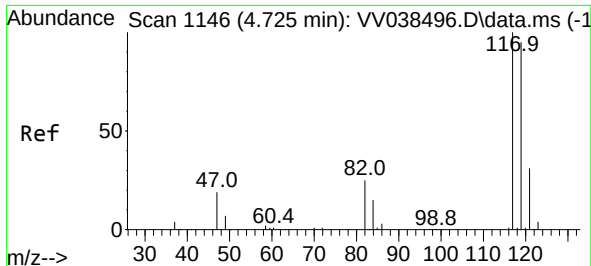
Tgt Ion: 97 Resp: 134796
Ion Ratio Lower Upper
97 100
99 64.2 52.9 79.3
61 42.2 36.4 54.6



#30
Cyclohexane
Concen: 4.846 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

Tgt Ion: 56 Resp: 123015
Ion Ratio Lower Upper
56 100
69 30.7 24.7 37.1
84 89.7 68.2 102.2

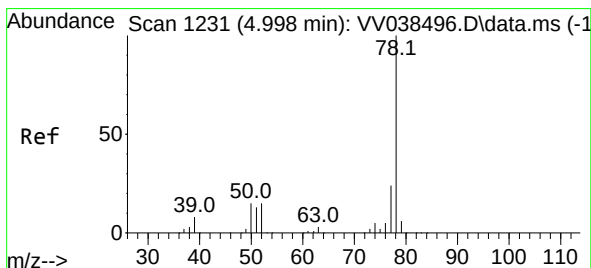
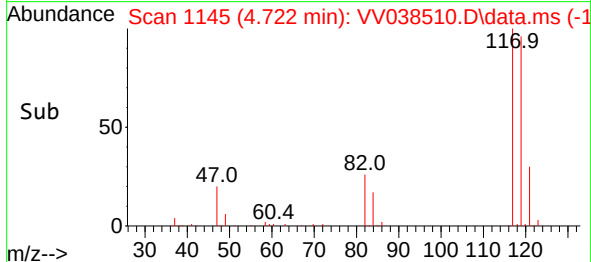
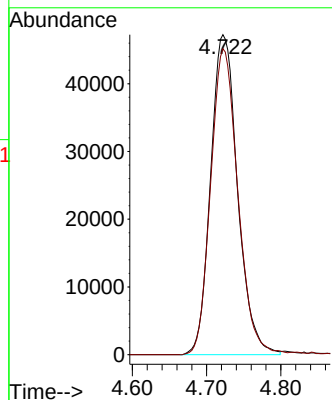
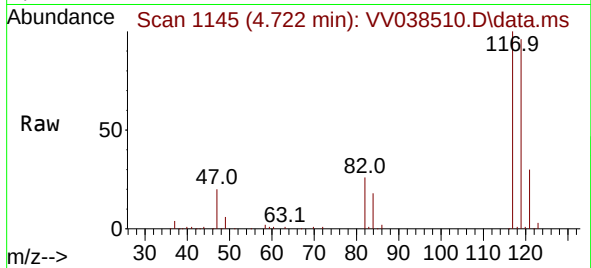




#31
Carbon tetrachloride
Concen: 4.833 ug/L
RT: 4.722 min Scan# 1146
Delta R.T. -0.003 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

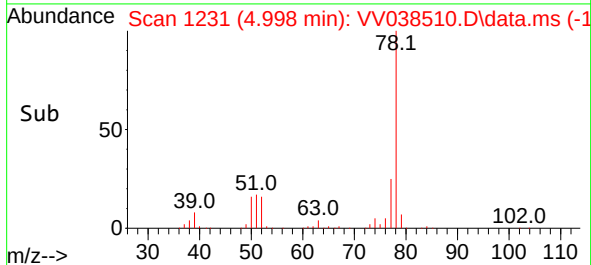
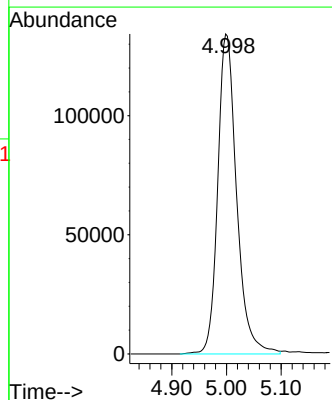
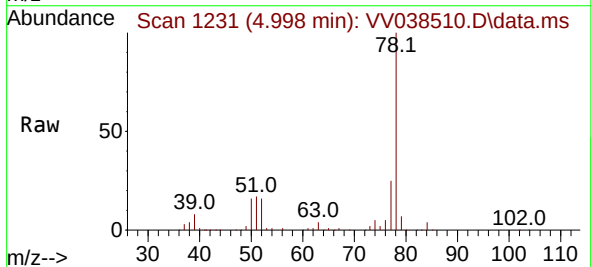
Instrument :
MSVOA_V
ClientSampleId :

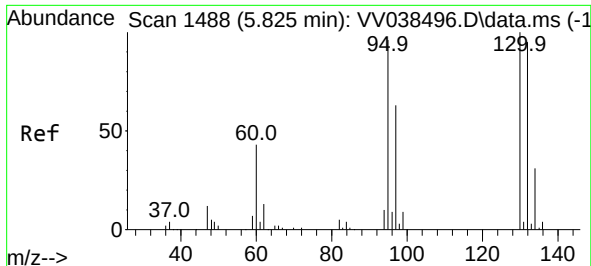
Tgt Ion:117 Resp: 119041
Ion Ratio Lower Upper
117 100
119 96.5 76.6 115.0



#33
Benzene
Concen: 4.832 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

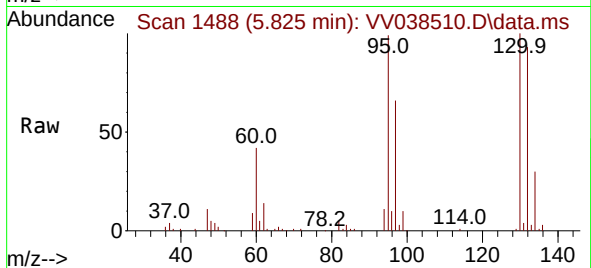
Tgt Ion: 78 Resp: 321625





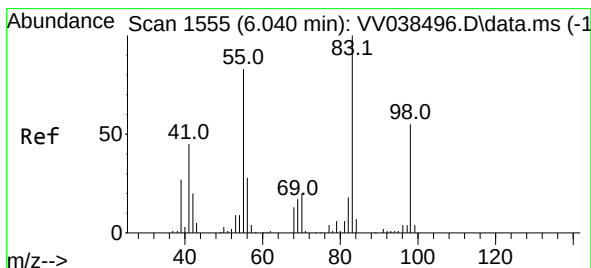
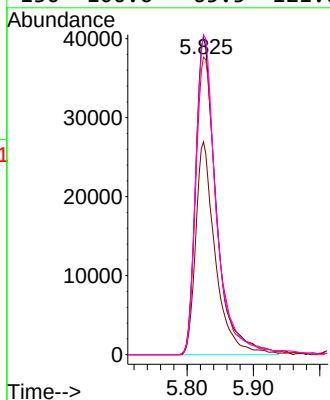
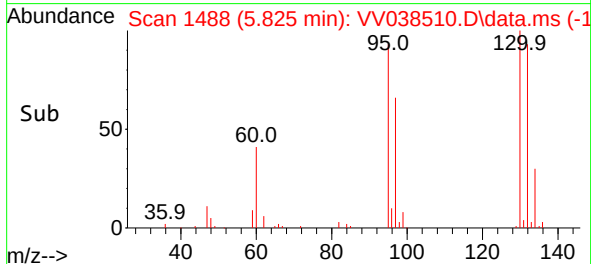
#34
Trichloroethene
Concen: 5.002 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

Instrument :
MSVOA_V
ClientSampleId :

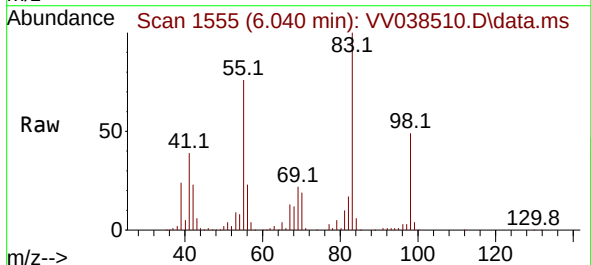


Tgt Ion: 95 Resp: 86527

Ion	Ratio	Lower	Upper
95	100		
97	66.9	43.4	80.6
132	93.6	65.5	121.6
130	100.6	65.5	121.6

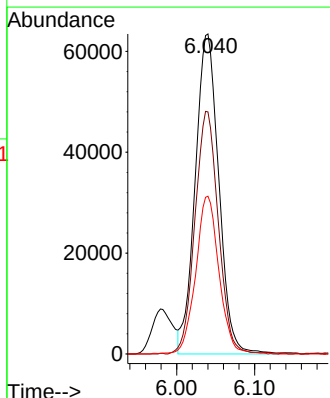
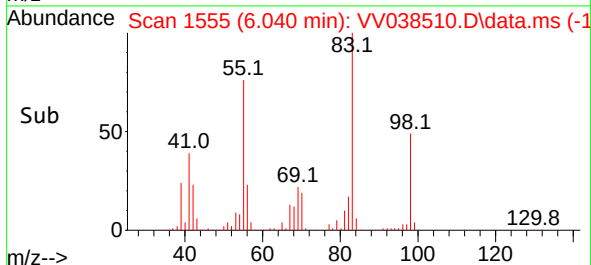


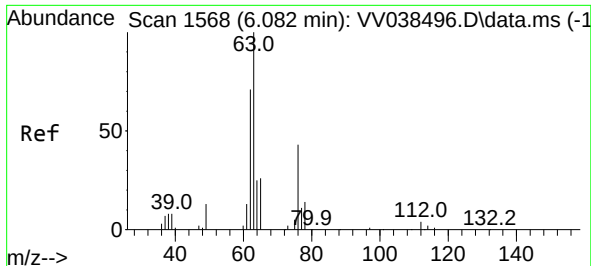
#35
Methylcyclohexane
Concen: 5.058 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19



Tgt Ion: 83 Resp: 133367

Ion	Ratio	Lower	Upper
83	100		
55	75.1	59.4	89.0
98	48.8	37.8	56.8





#37

1,2-Dichloropropane

Concen: 4.941 ug/L

RT: 6.085 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038510.D

Acq: 23 Jan 2025 16:19

Instrument :

MSVOA_V

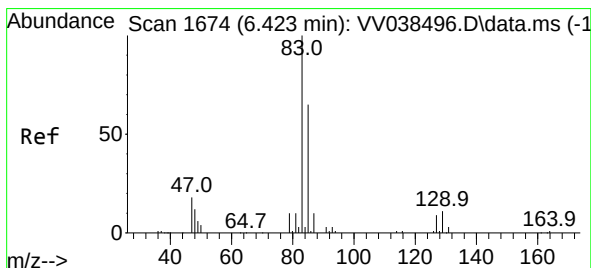
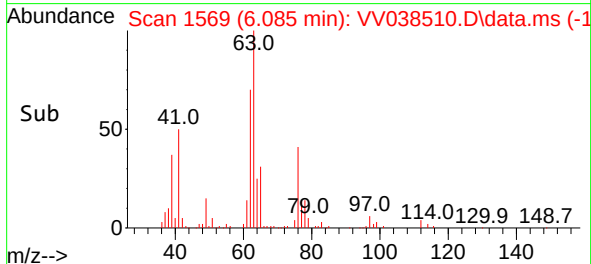
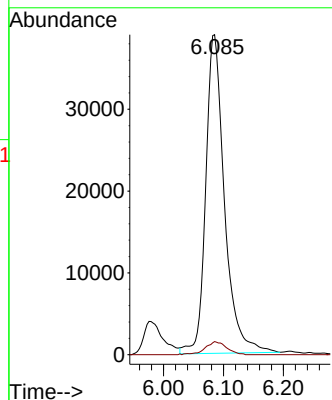
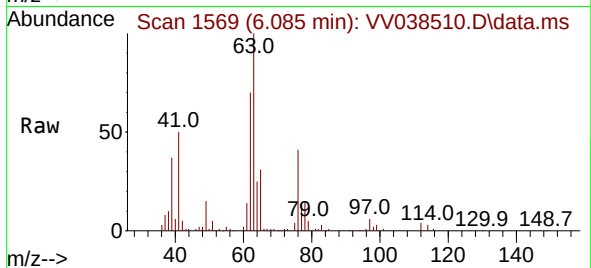
ClientSampleId :

Tgt Ion: 63 Resp: 84940

Ion Ratio Lower Upper

63 100

112 4.7 4.1 6.1



#38

Bromodichloromethane

Concen: 4.665 ug/L

RT: 6.423 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VV038510.D

Acq: 23 Jan 2025 16:19

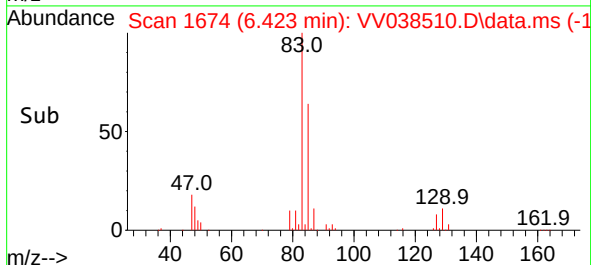
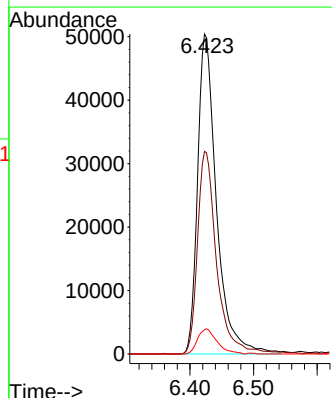
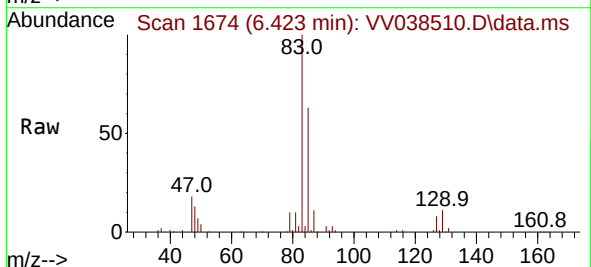
Tgt Ion: 83 Resp: 104005

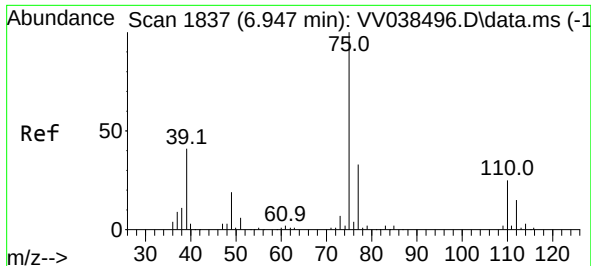
Ion Ratio Lower Upper

83 100

85 63.3 44.7 83.1

127 7.6 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.677 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. 0.000 min

Lab File: VV038510.D

Acq: 23 Jan 2025 16:19

Instrument :

MSVOA_V

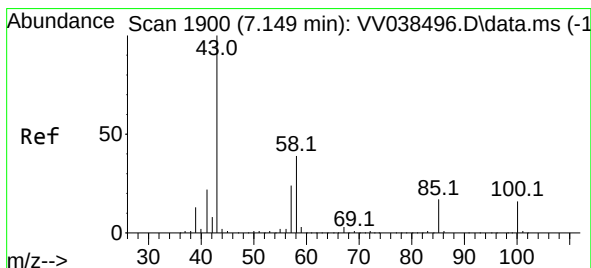
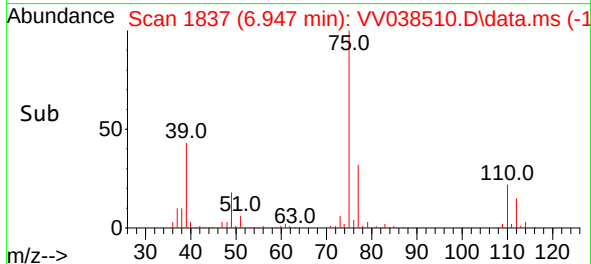
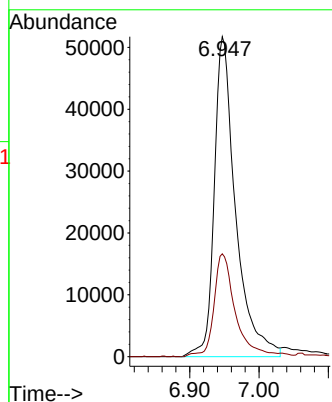
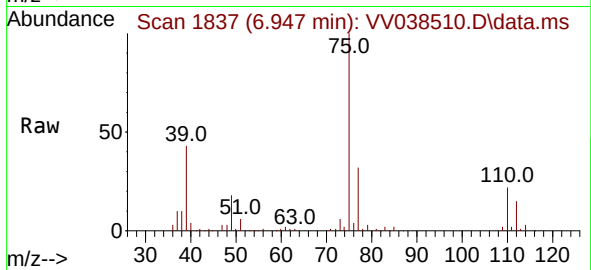
ClientSampleId :

Tgt Ion: 75 Resp: 110828

Ion Ratio Lower Upper

75 100

77 32.1 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 45.475 ug/L

RT: 7.149 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VV038510.D

Acq: 23 Jan 2025 16:19

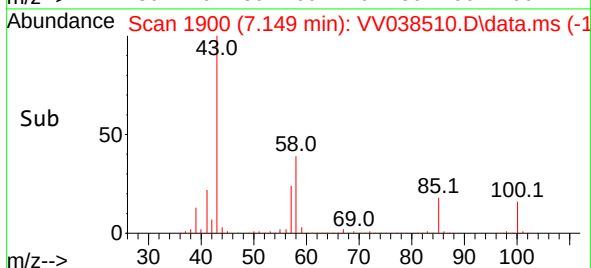
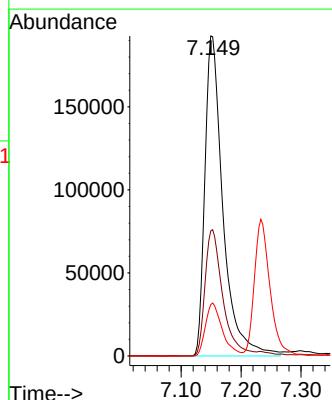
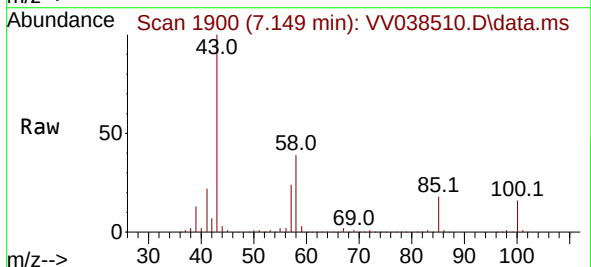
Tgt Ion: 43 Resp: 404461

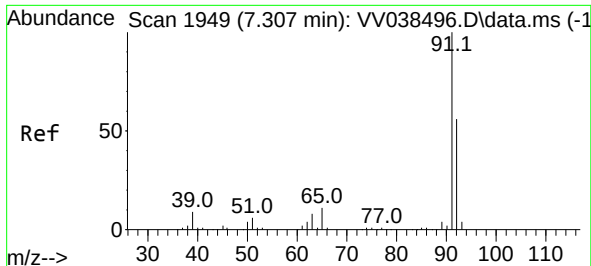
Ion Ratio Lower Upper

43 100

58 38.8 31.7 47.5

100 15.4 12.4 18.6

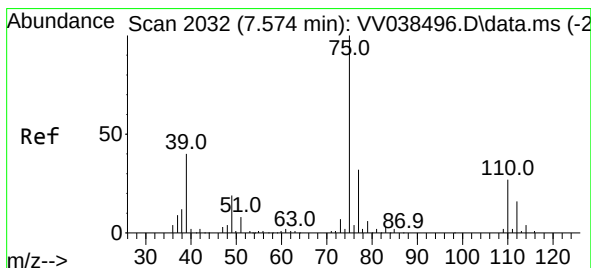
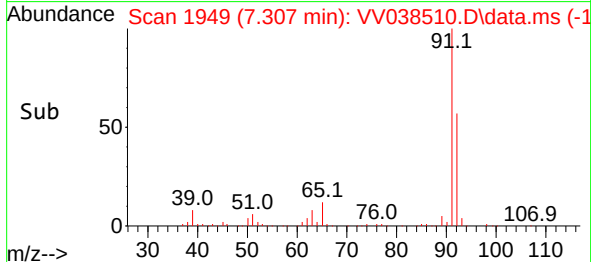
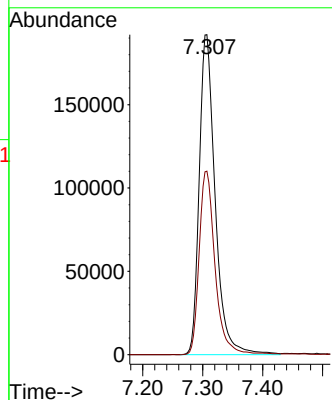
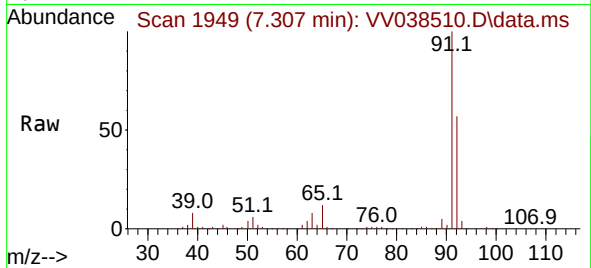




#42
Toluene
Concen: 5.131 ug/L
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

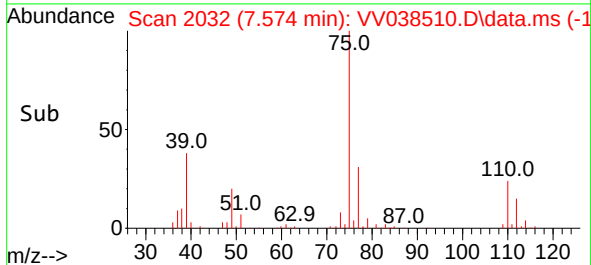
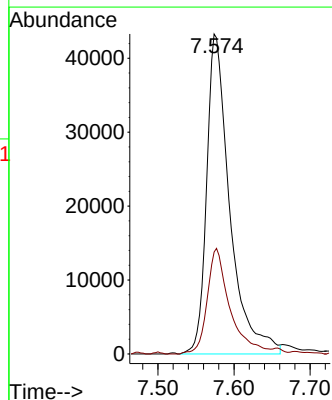
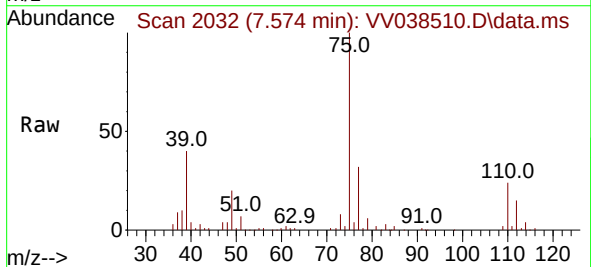
Instrument :
MSVOA_V
ClientSampleId :

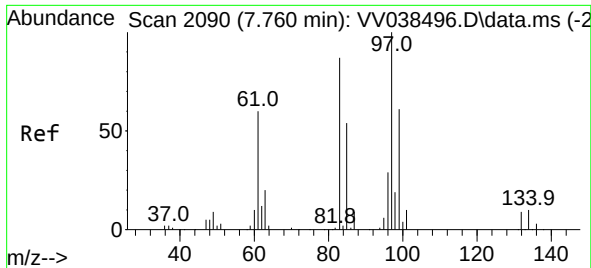
Tgt Ion: 91 Resp: 355981
Ion Ratio Lower Upper
91 100
92 57.4 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 4.557 ug/L
RT: 7.574 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

Tgt Ion: 75 Resp: 91502
Ion Ratio Lower Upper
75 100
77 31.8 22.8 42.4

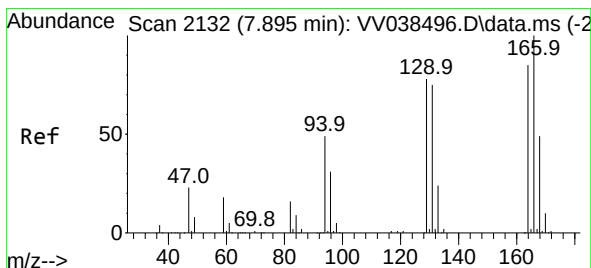
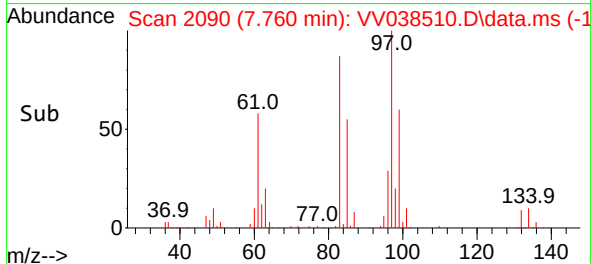
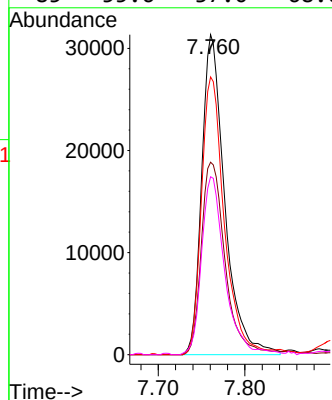
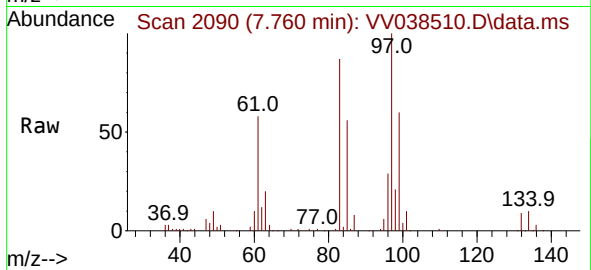




#45
1,1,2-Trichloroethane
Concen: 4.683 ug/L
RT: 7.760 min Scan# 2090
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

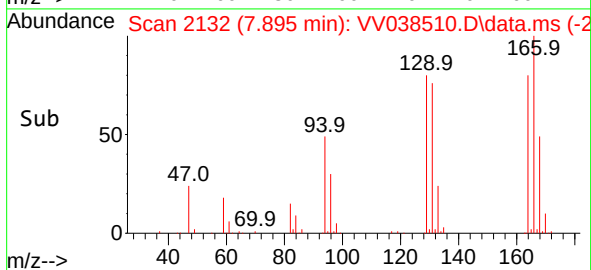
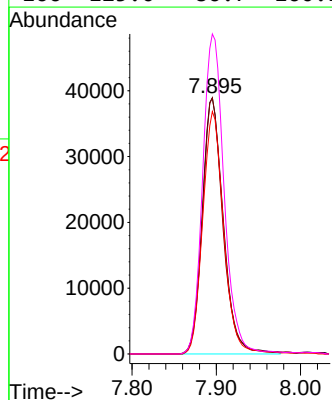
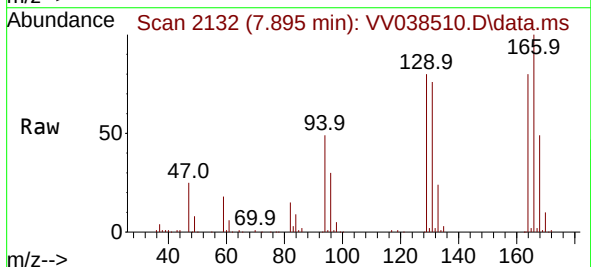
Instrument :
MSVOA_V
ClientSampleId :

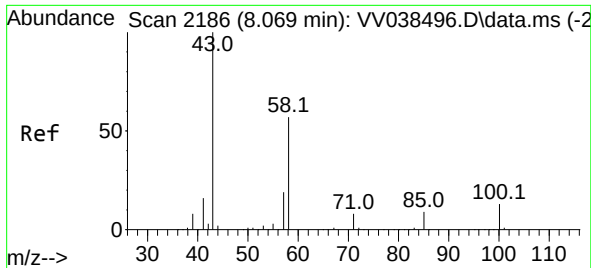
Tgt Ion: 97	Resp: 57905
Ion Ratio	Lower Upper
97 100	
99 60.1	42.3 78.5
83 86.8	59.4 110.4
85 55.6	37.0 68.6



#47
Tetrachloroethene
Concen: 5.043 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

Tgt	Ion:164	Resp:	67527
Ion	Ratio	Lower	Upper
164	100		
129	100.1	68.9	127.9
131	94.7	65.2	121.2
166	125.0	86.7	160.9

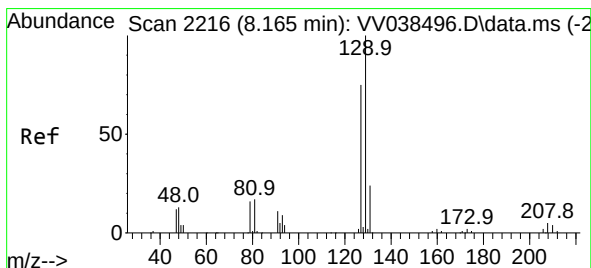
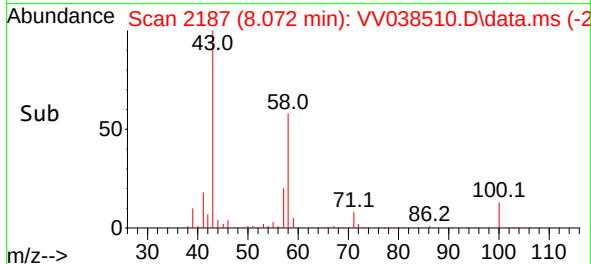
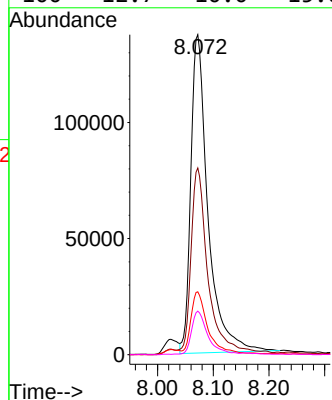
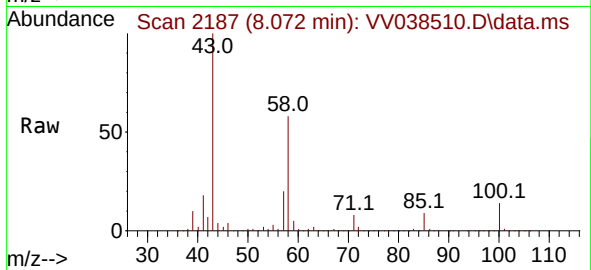




#48
2-Hexanone
Concen: 45.620 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

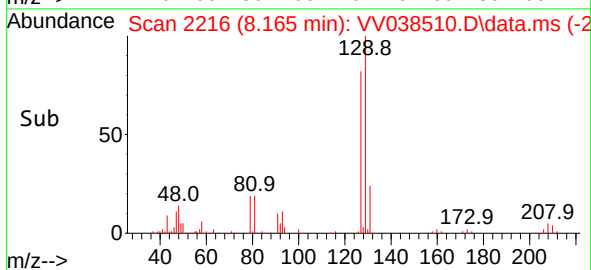
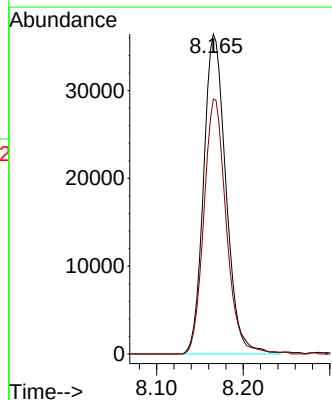
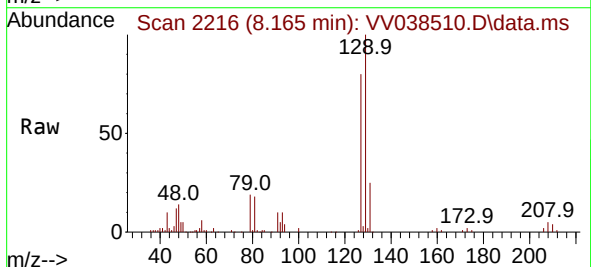
Instrument :
MSVOA_V
ClientSampleId :

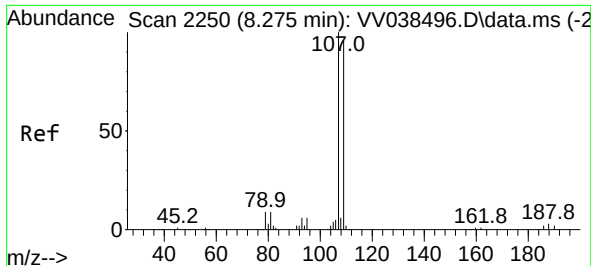
Tgt Ion:	43	Resp:	293787
Ion	Ratio	Lower	Upper
43	100		
58	55.7	43.6	65.4
57	18.6	15.0	22.4
100	12.7	10.0	15.0



#49
Dibromochloromethane
Concen: 4.586 ug/L
RT: 8.165 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

Tgt Ion:	129	Resp:	65280
Ion	Ratio	Lower	Upper
129	100		
127	79.7	52.8	98.2





#50

1,2-Dibromoethane

Concen: 4.725 ug/L

RT: 8.275 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV038510.D

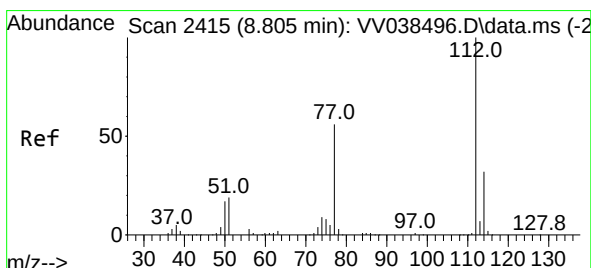
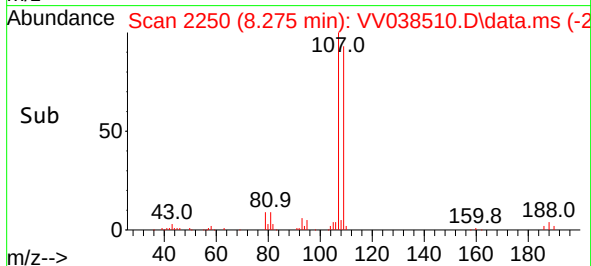
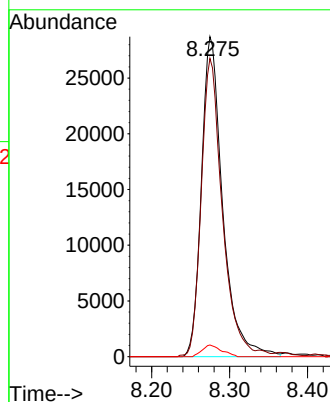
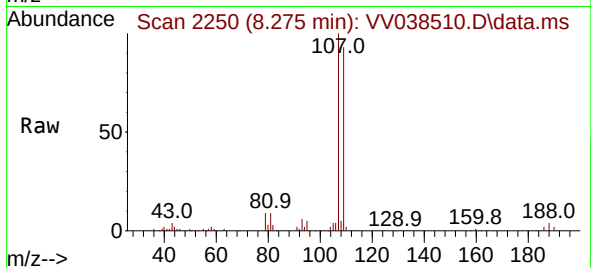
Acq: 23 Jan 2025 16:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	54363
Ion	Ratio	Lower Upper
107	100	
109	93.2	65.9 122.3
188	3.7	2.8 4.2



#51

Chlorobenzene

Concen: 4.883 ug/L

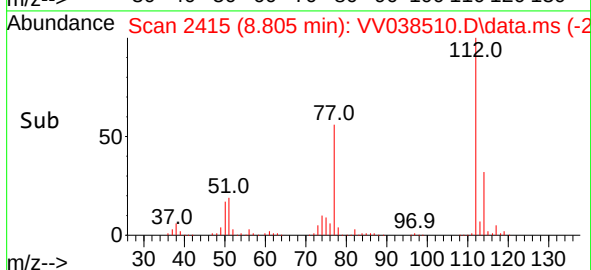
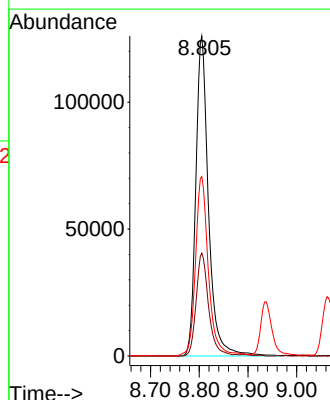
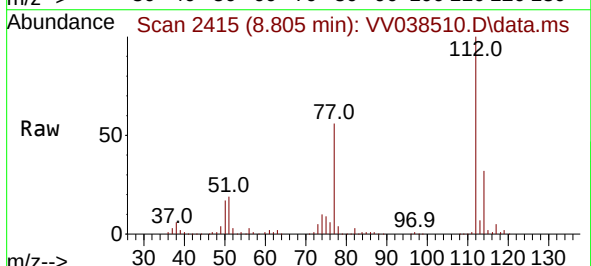
RT: 8.805 min Scan# 2415

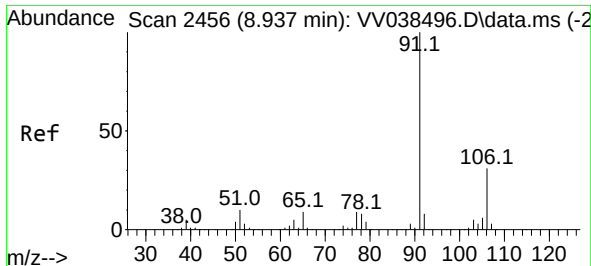
Delta R.T. 0.000 min

Lab File: VV038510.D

Acq: 23 Jan 2025 16:19

Tgt Ion:112	Resp:	227951
Ion	Ratio	Lower Upper
112	100	
114	32.2	22.9 42.5
77	56.1	46.1 69.1

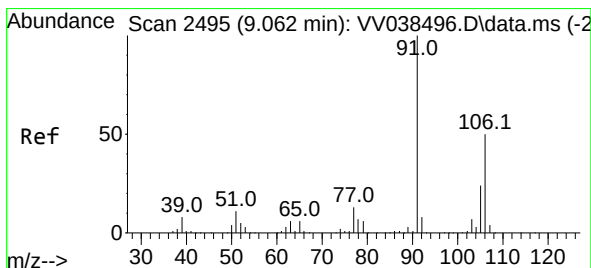
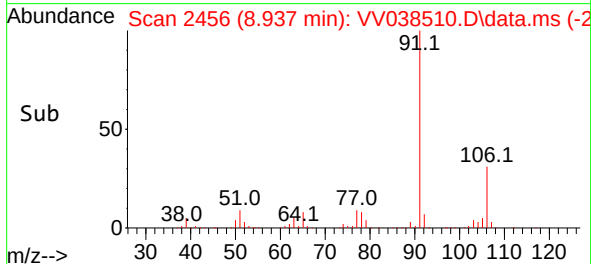
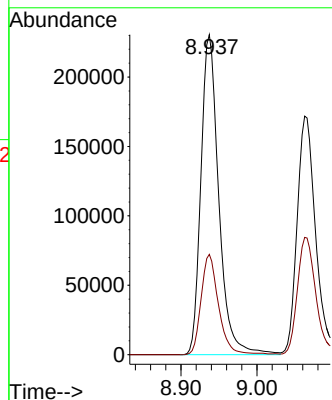
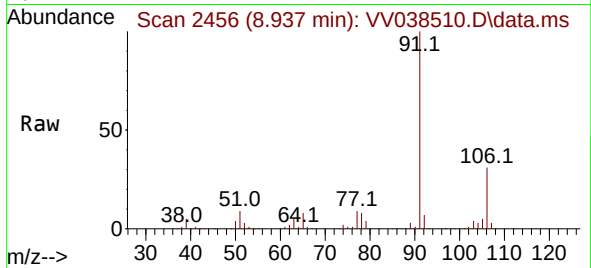




#52
Ethylbenzene
Concen: 5.042 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

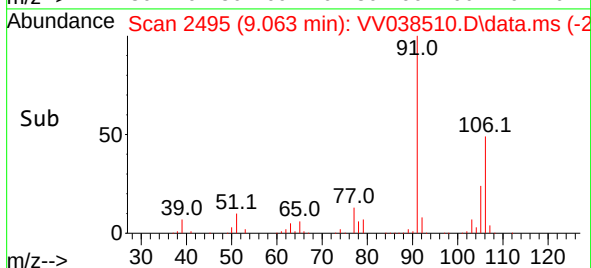
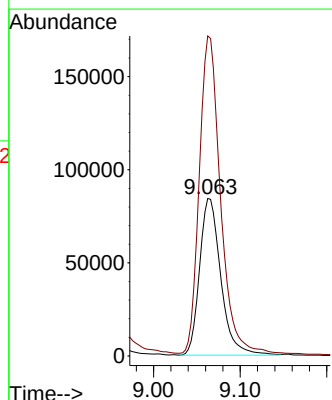
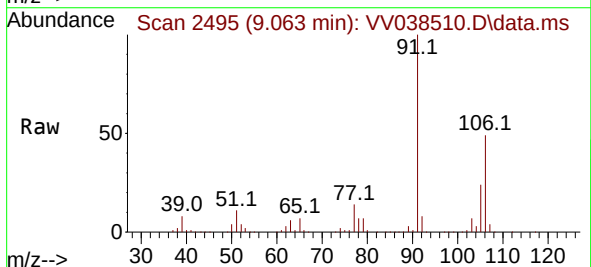
Instrument :
MSVOA_V
ClientSampleId :

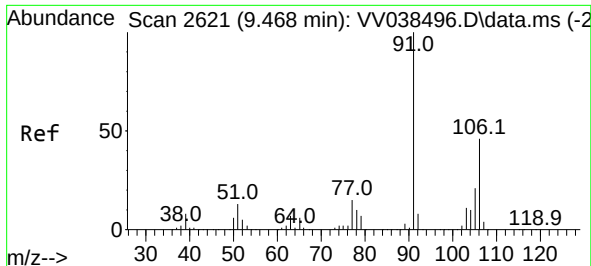
Tgt Ion: 91 Resp: 376273
Ion Ratio Lower Upper
91 100
106 31.4 22.0 40.8



#53
m,p-Xylene
Concen: 5.060 ug/L
RT: 9.063 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

Tgt Ion: 106 Resp: 143137
Ion Ratio Lower Upper
106 100
91 203.2 148.2 275.2

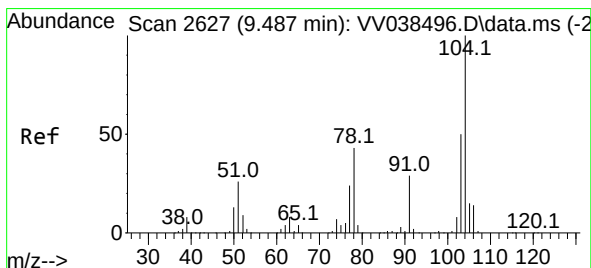
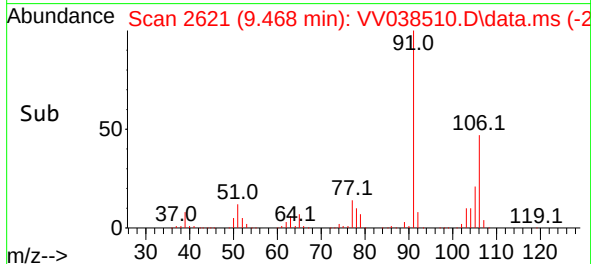
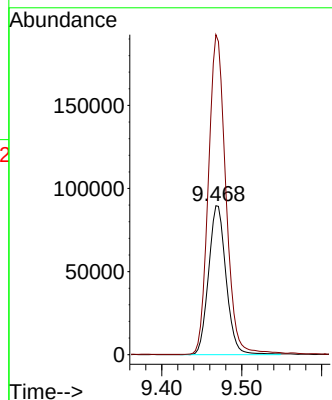
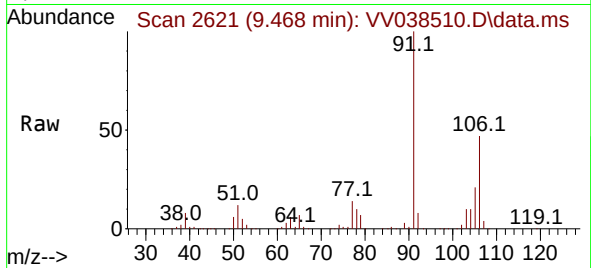




#54
o-Xylene
Concen: 5.078 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

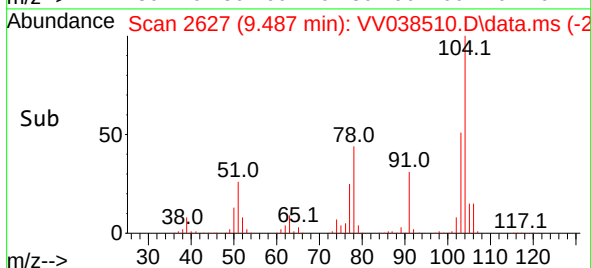
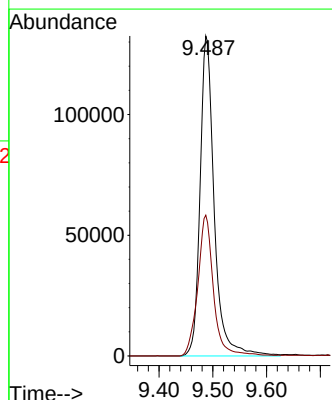
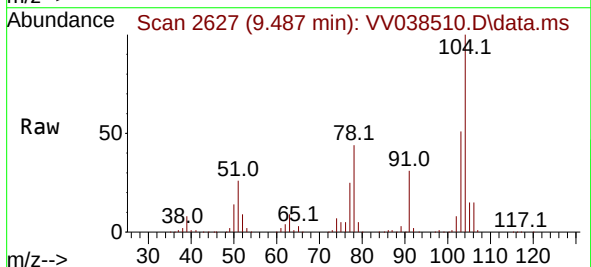
Instrument :
MSVOA_V
ClientSampleId :

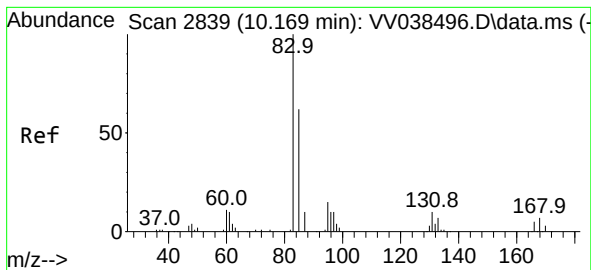
Tgt Ion:106 Resp: 136868
Ion Ratio Lower Upper
106 100
91 214.8 151.4 281.2



#55
Styrene
Concen: 5.166 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

Tgt Ion:104 Resp: 242812
Ion Ratio Lower Upper
104 100
78 44.0 30.8 57.2

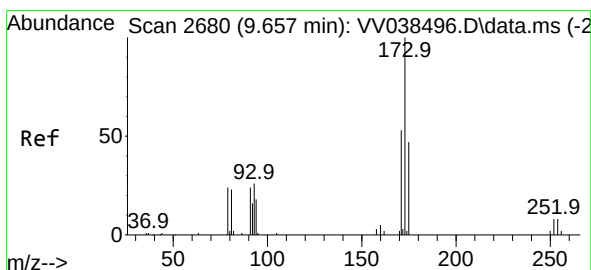
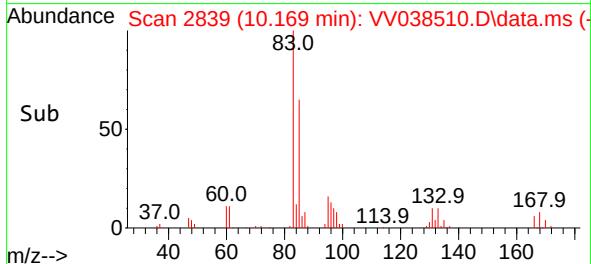
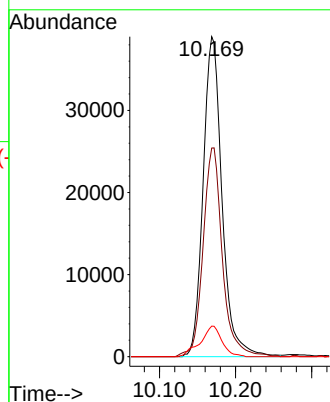
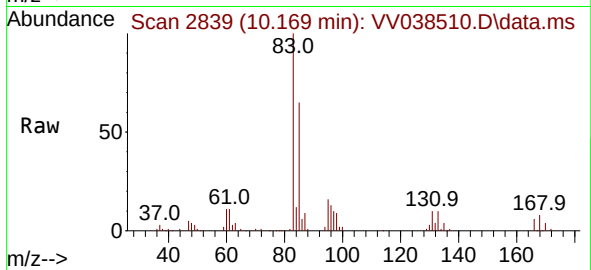




#57
1,1,2,2-Tetrachloroethane
Concen: 4.479 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

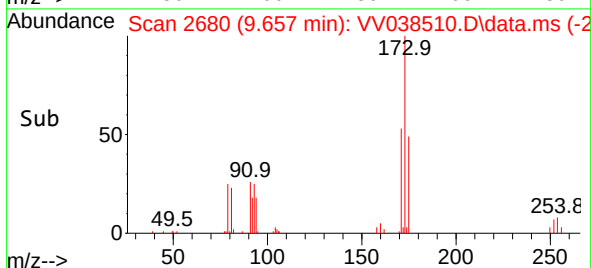
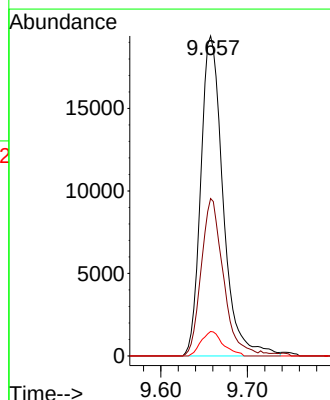
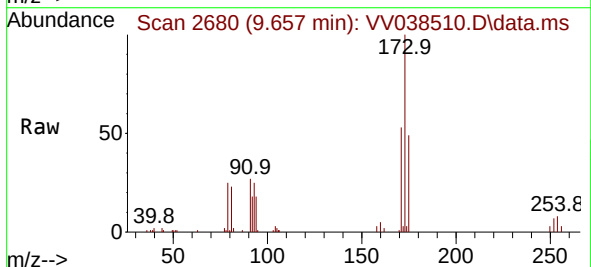
Instrument :
MSVOA_V
ClientSampleId :

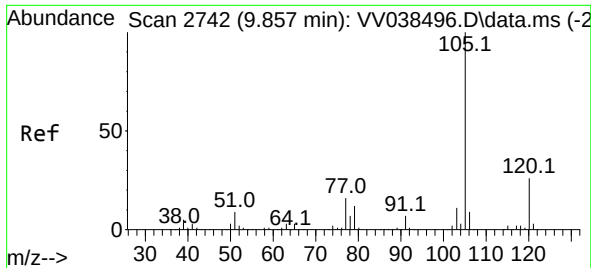
Tgt Ion: 83 Resp: 67443
Ion Ratio Lower Upper
83 100
85 65.2 45.1 83.7
131 9.5 7.5 11.3



#59
Bromoform
Concen: 4.351 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

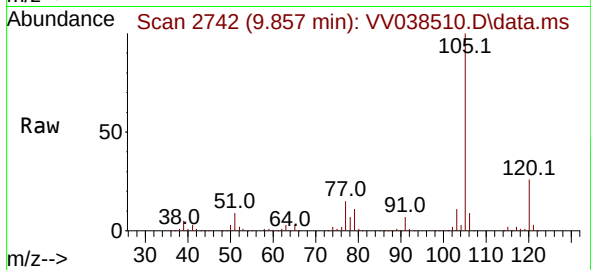
Tgt Ion: 173 Resp: 34713
Ion Ratio Lower Upper
173 100
175 48.7 37.6 56.4
254 7.6 5.6 8.4



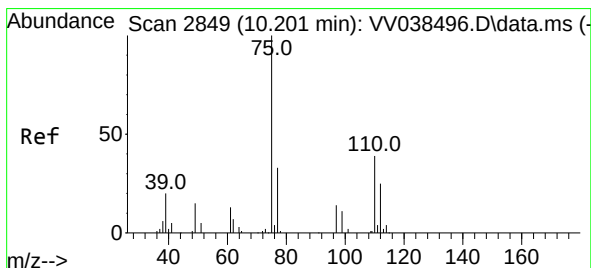
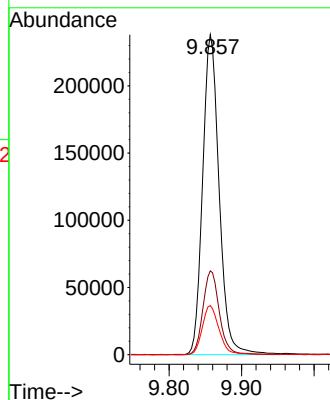
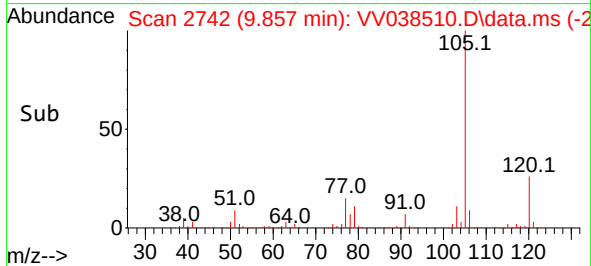


#60
Isopropylbenzene
Concen: 4.893 ug/L
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

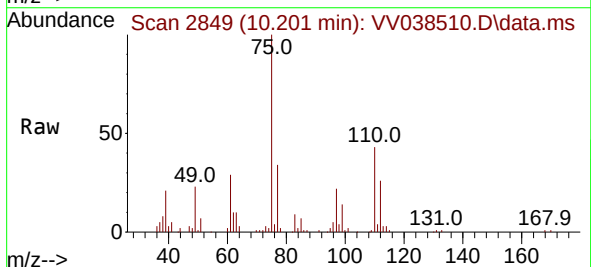
Instrument :
MSVOA_V
ClientSampleId :



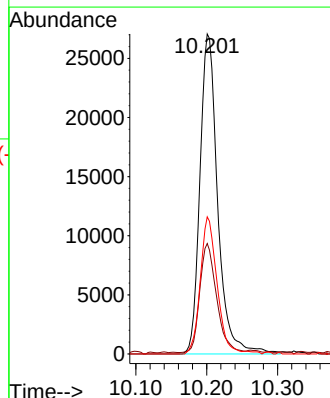
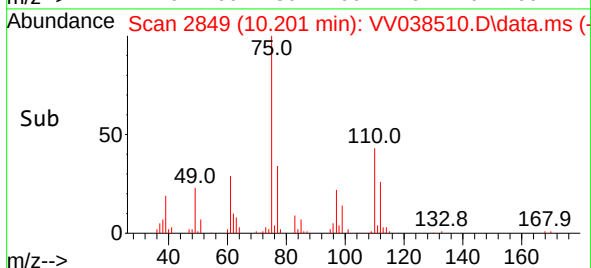
Tgt Ion:105 Resp: 376671
Ion Ratio Lower Upper
105 100
120 26.1 21.4 32.2
77 15.4 12.7 19.1

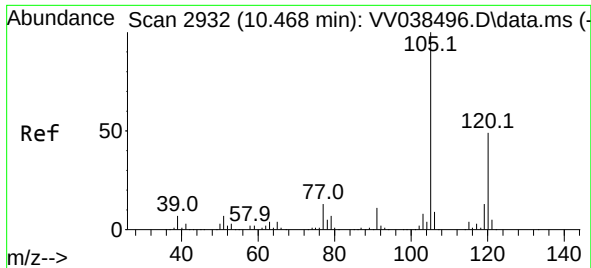


#61
1,2,3-Trichloropropane
Concen: 4.285 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19



Tgt Ion: 75 Resp: 47098
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0
110 40.0 32.6 48.8

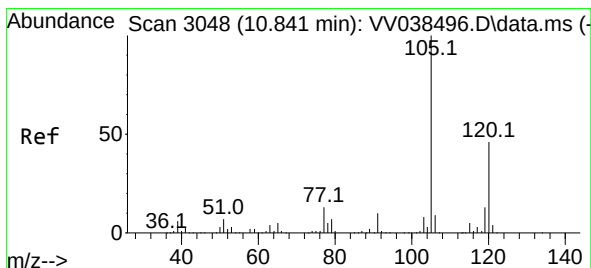
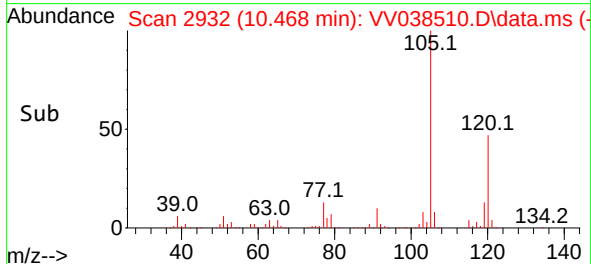
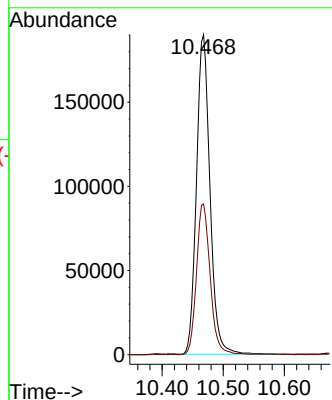
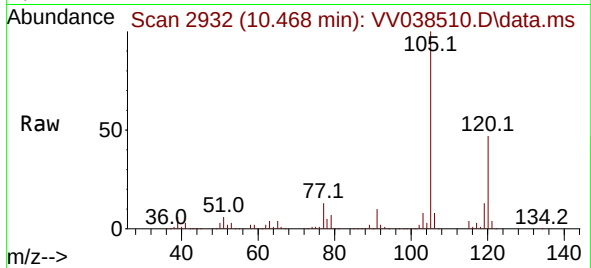




#62
 1,3,5-Trimethylbenzene
 Concen: 4.825 ug/L
 RT: 10.468 min Scan# 2932
 Delta R.T. 0.000 min
 Lab File: VV038510.D
 Acq: 23 Jan 2025 16:19

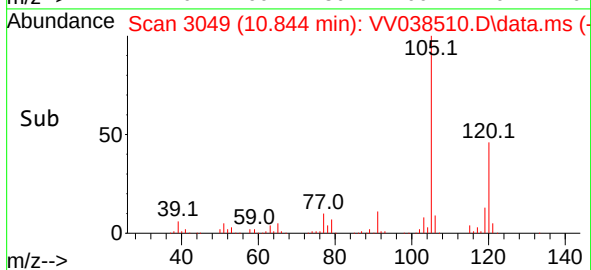
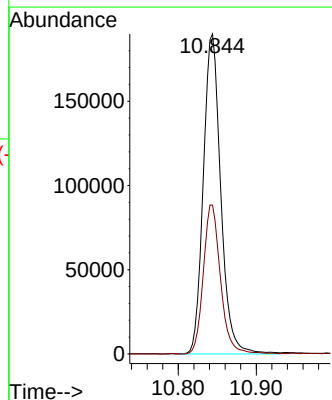
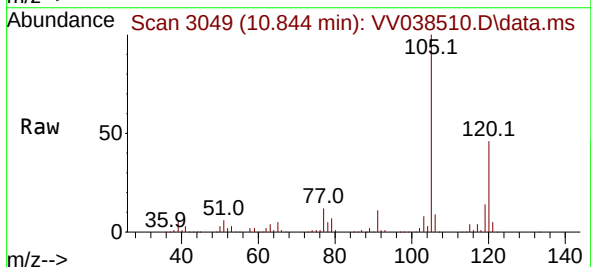
Instrument :
 MSVOA_V
 ClientSampleId :

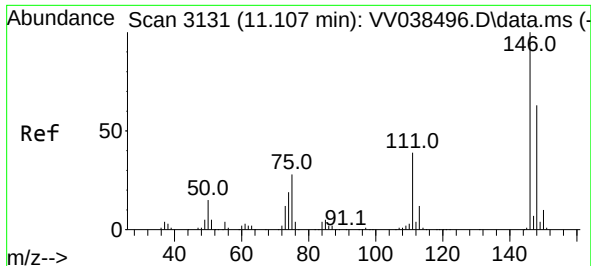
Tgt Ion:105 Resp: 290884
 Ion Ratio Lower Upper
 105 100
 120 48.0 39.4 59.0



#63
 1,2,4-Trimethylbenzene
 Concen: 4.909 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. 0.003 min
 Lab File: VV038510.D
 Acq: 23 Jan 2025 16:19

Tgt Ion:105 Resp: 295595
 Ion Ratio Lower Upper
 105 100
 120 46.0 35.8 53.8

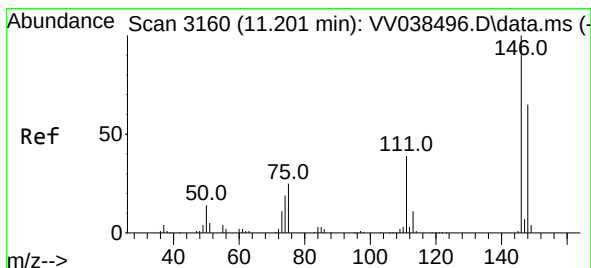
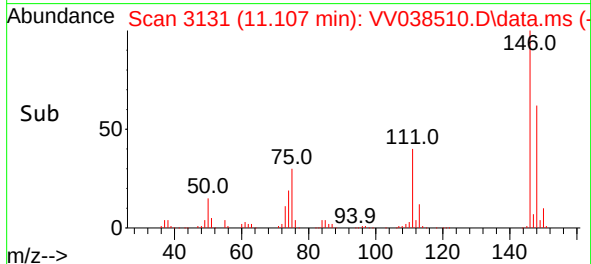
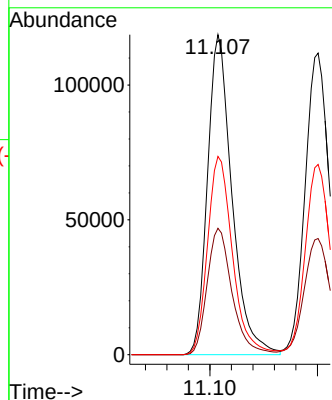
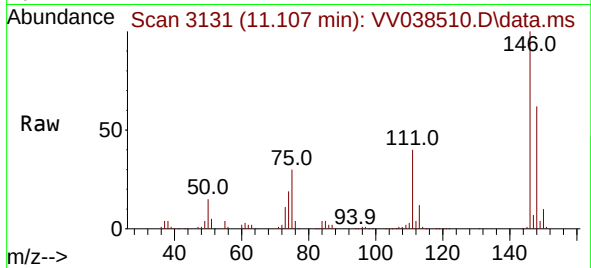




#64
1,3-Dichlorobenzene
Concen: 4.912 ug/L
RT: 11.107 min Scan# 3131
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

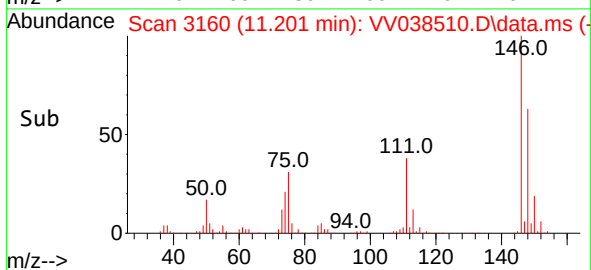
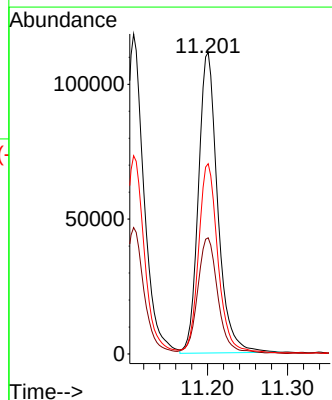
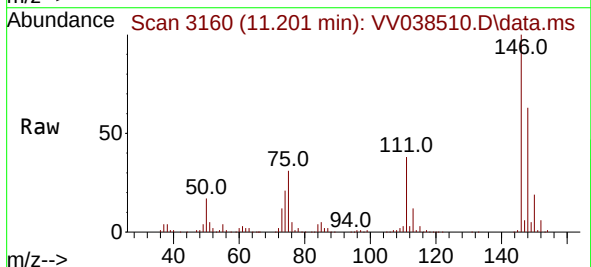
Instrument :
MSVOA_V
ClientSampleId :

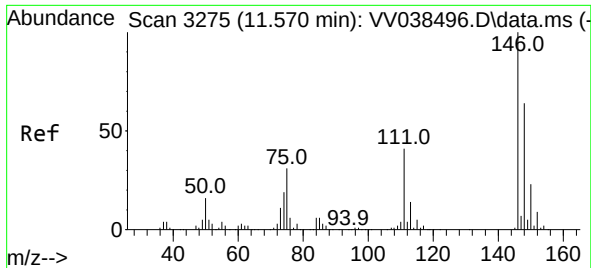
Tgt Ion:146 Resp: 187586
Ion Ratio Lower Upper
146 100
111 39.5 27.9 51.9
148 62.0 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 4.746 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

Tgt Ion:146 Resp: 187389
Ion Ratio Lower Upper
146 100
111 38.5 28.1 52.3
148 63.1 44.7 83.1

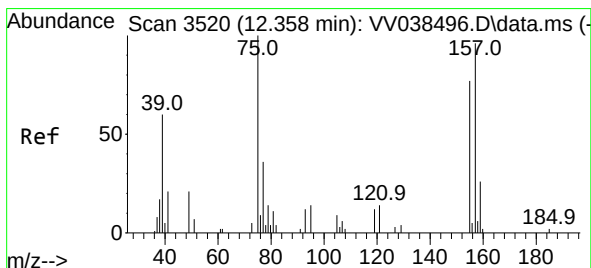
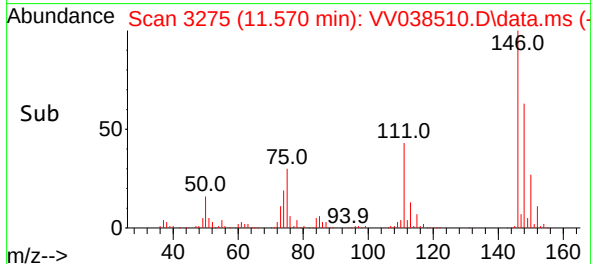
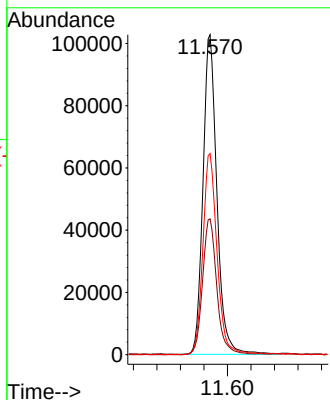
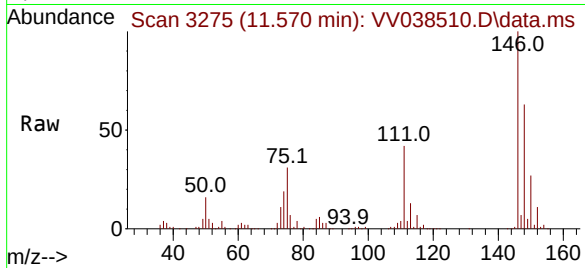




#67
1,2-Dichlorobenzene
Concen: 4.716 ug/L
RT: 11.570 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

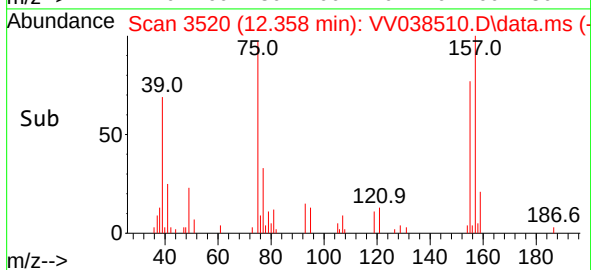
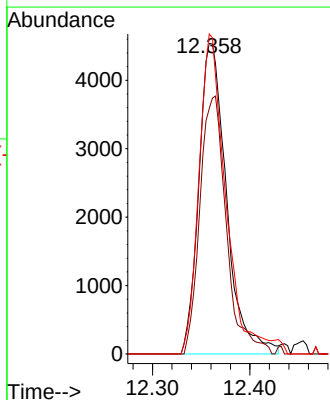
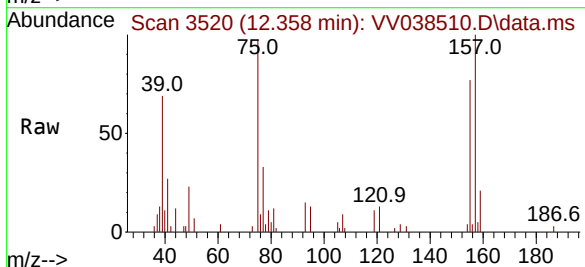
Instrument :
MSVOA_V
ClientSampleId :

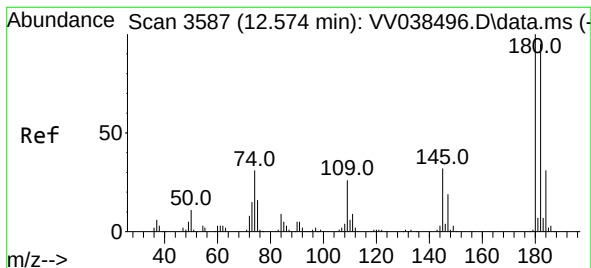
Tgt Ion:146 Resp: 168658
Ion Ratio Lower Upper
146 100
111 42.5 33.4 50.0
148 62.8 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 3.948 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

Tgt Ion: 75 Resp: 8969
Ion Ratio Lower Upper
75 100
155 79.0 56.7 85.1
157 103.0 74.4 111.6





#69

1,3,5-Trichlorobenzene

Concen: 4.721 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

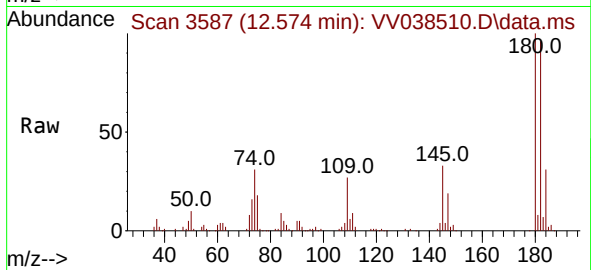
Lab File: VV038510.D

Acq: 23 Jan 2025 16:19

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 124021

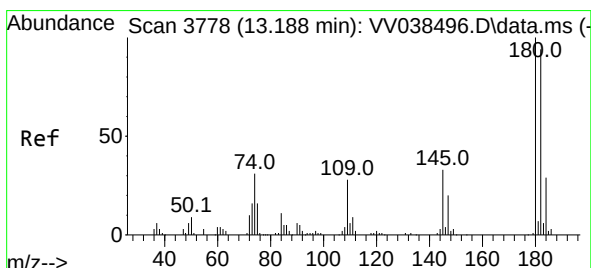
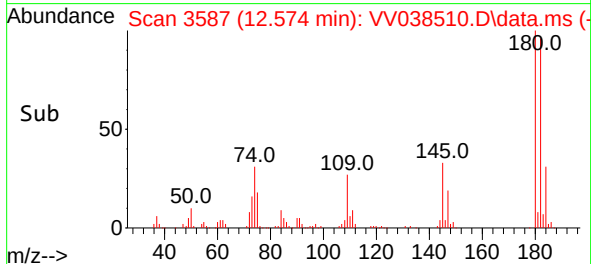
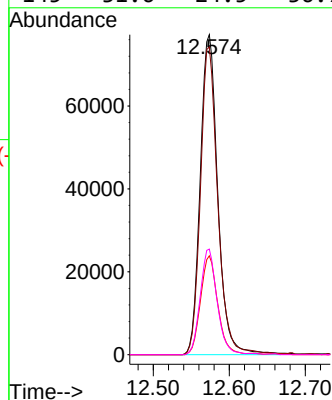
Ion Ratio Lower Upper

180 100

182 94.5 74.3 111.5

184 30.2 23.2 34.8

145 31.6 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.676 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.003 min

Lab File: VV038510.D

Acq: 23 Jan 2025 16:19

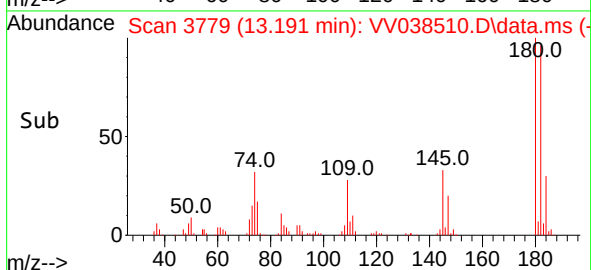
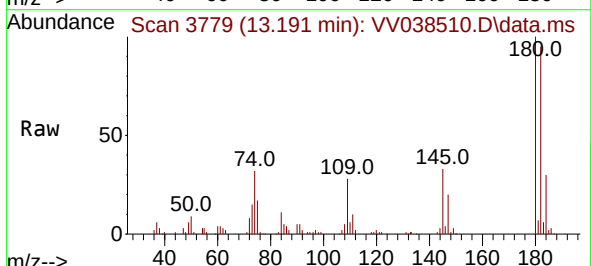
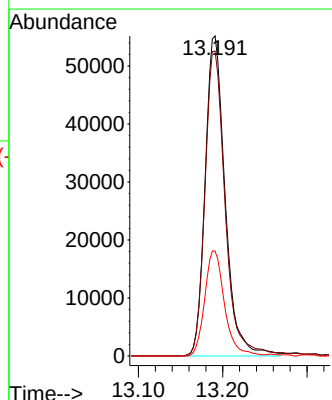
Tgt Ion:180 Resp: 91282

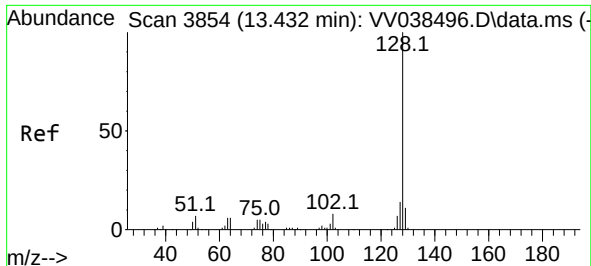
Ion Ratio Lower Upper

180 100

182 95.5 77.5 116.3

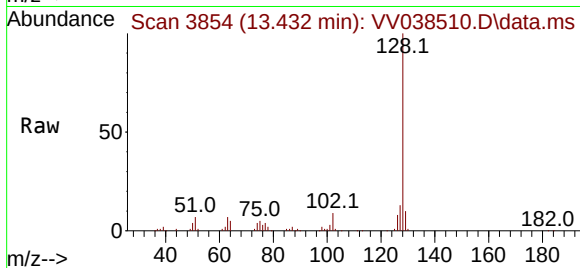
145 32.5 26.2 39.4



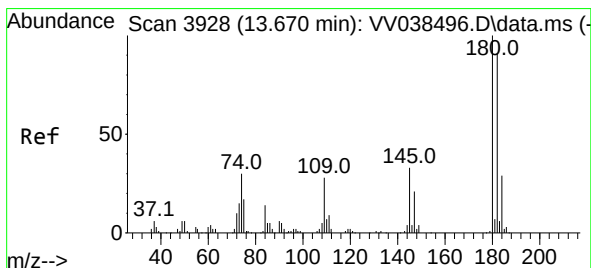
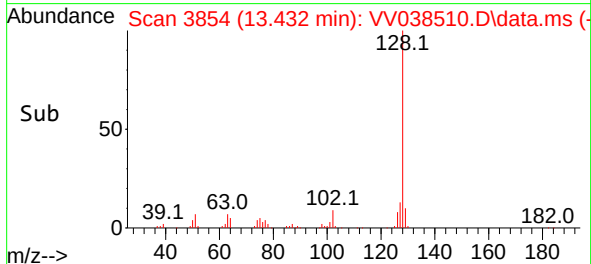
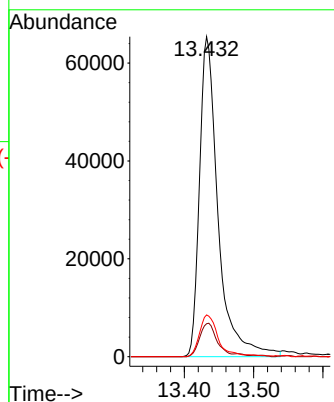


#71
Naphthalene
Concen: 4.223 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	122142
Ion Ratio	Lower	Upper	
128	100		
129	9.7	8.3	12.5
127	12.8	11.0	16.6



#72
1,2,3-Trichlorobenzene
Concen: 4.750 ug/L
RT: 13.670 min Scan# 3928
Delta R.T. 0.000 min
Lab File: VV038510.D
Acq: 23 Jan 2025 16:19

Tgt Ion:	180	Resp:	80177
Ion Ratio	Lower	Upper	
180	100		
182	97.2	77.0	115.6
145	33.0	27.1	40.7

