

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012225\
 Data File : VV038508.D
 Acq On : 22 Jan 2025 18:40
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 23 01:43:09 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	5.529	114	205322	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	206785	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	116961	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	58938	3.481	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.529	69	55838	3.927	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.053	65	29106	3.815	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	3.857	46	155969	43.797	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.600%
24) Chloroform-d	4.240	84	137694	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	4.937	65	63958	4.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	4.950	84	250222	4.393	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	5.982	67	76215	4.403	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.233	98	230061	4.497	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	7.551	79	28530	4.505	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.024	63	106923	42.799	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.600%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	68300	4.977	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.551	152	85190	4.303	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	111921	4.867	ug/L	99
3) Chloromethane	1.214	50	111087	4.721	ug/L	100
5) Vinyl chloride	1.282	62	112113	4.715	ug/L	99
6) Bromomethane	1.487	94	59446	4.998	ug/L	95
8) Chloroethane	1.548	64	66175	4.645	ug/L	99
9) Trichlorofluoromethane	1.709	101	151674	5.012	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	89742	5.188	ug/L	99
12) 1,1-Dichloroethene	2.066	96	81832	4.806	ug/L	94
13) Acetone	2.191	43	110514	39.884	ug/L	67
14) Carbon disulfide	2.236	76	267351	4.674	ug/L	99
15) Methyl Acetate	2.394	43	29397	4.153	ug/L	92
16) Methylene chloride	2.442	84	89576	4.747	ug/L	96
17) Methyl tert-butyl Ether	2.700	73	165476	4.619	ug/L	98
18) trans-1,2-Dichloroethene	2.690	96	84661	4.837	ug/L	97
19) 1,1-Dichloroethane	3.105	63	162215	4.869	ug/L	100
21) 2-Butanone	3.921	43	53199	13.535	ug/L	# 1
22) cis-1,2-Dichloroethene	3.809	96	84161	4.729	ug/L	95
23) Bromochloromethane	4.140	128	38672	4.776	ug/L	96
25) Chloroform	4.269	83	159824	4.853	ug/L	96

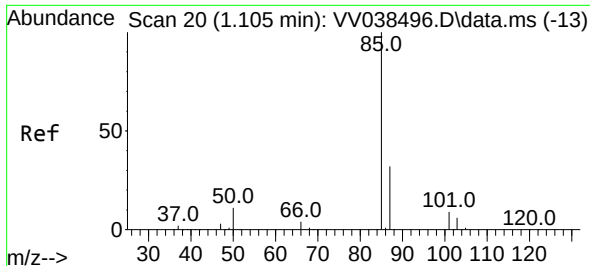
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW012225\
 Data File : VW038508.D
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	91082	4.973	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	141108	5.133	ug/L	96
30) Cyclohexane	4.571	56	126761	5.062	ug/L	97
31) Carbon tetrachloride	4.725	117	123769	5.093	ug/L	97
33) Benzene	5.002	78	336734	5.128	ug/L	100
34) Trichloroethene	5.828	95	88609	5.193	ug/L	97
35) Methylcyclohexane	6.040	83	130968	5.035	ug/L	97
37) 1,2-Dichloropropane	6.085	63	83006	4.895	ug/L	99
38) Bromodichloromethane	6.426	83	108041	4.913	ug/L	97
39) cis-1,3-Dichloropropene	6.947	75	114138	4.883	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	447866	51.045	ug/L	99
42) Toluene	7.307	91	369769	5.403	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	98812	4.989	ug/L	98
45) 1,1,2-Trichloroethane	7.760	97	63149	5.177	ug/L	99
47) Tetrachloroethene	7.895	164	68284	5.170	ug/L	97
48) 2-Hexanone	8.072	43	321613	50.626	ug/L	98
49) Dibromochloromethane	8.166	129	70289	5.006	ug/L	94
50) 1,2-Dibromoethane	8.275	107	60322	5.315	ug/L	97
51) Chlorobenzene	8.805	112	235425	5.112	ug/L	99
52) Ethylbenzene	8.937	91	376573	5.116	ug/L	99
53) m,p-Xylene	9.063	106	146957	5.266	ug/L	93
54) o-Xylene	9.468	106	138097	5.193	ug/L	100
55) Styrene	9.487	104	251271	5.419	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	76453	5.147	ug/L	99
59) Bromoform	9.657	173	35627	4.368	ug/L	93
60) Isopropylbenzene	9.857	105	376850	4.789	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	51947	4.623	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	285212	4.628	ug/L	98
63) 1,2,4-Trimethylbenzene	10.841	105	291582	4.737	ug/L	99
64) 1,3-Dichlorobenzene	11.108	146	190572	4.881	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	193849	4.802	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	175052	4.788	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.358	75	8964	3.859	ug/L #	79
69) 1,3,5-Trichlorobenzene	12.574	180	123673	4.605	ug/L	97
70) 1,2,4-trichlorobenzene	13.188	180	87293	4.374	ug/L	98
71) Naphthalene	13.432	128	106428	3.600	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	78749	4.563	ug/L	97

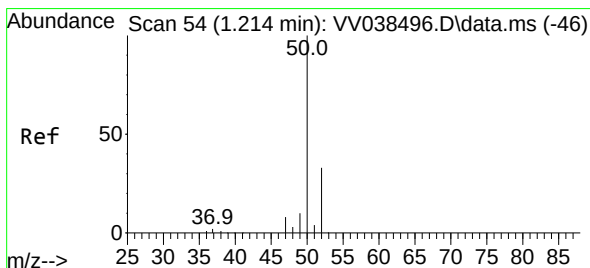
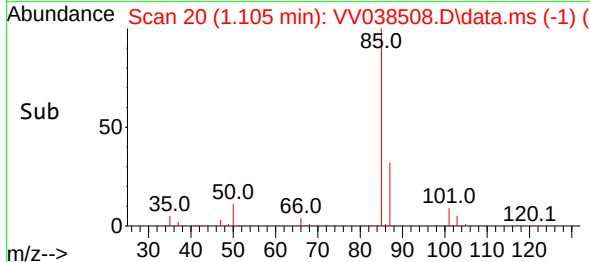
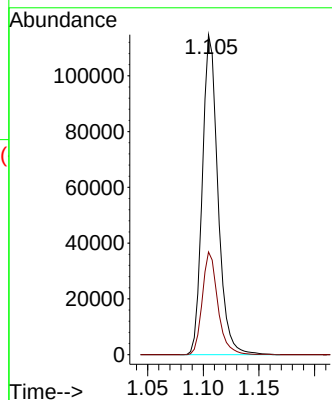
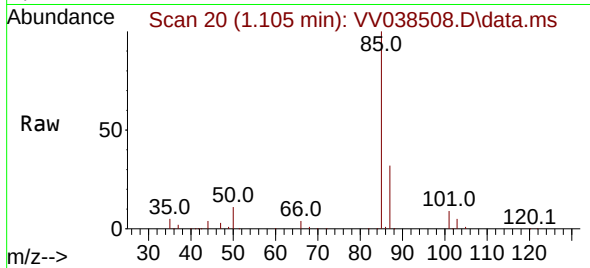
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.867 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038508.D
 Acq: 22 Jan 2025 18:40

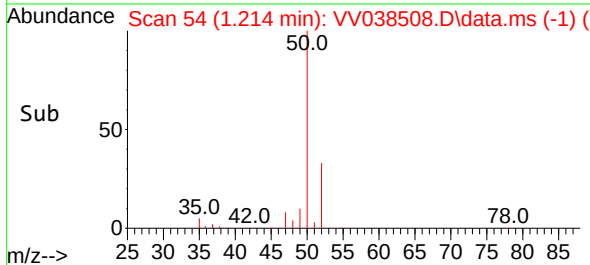
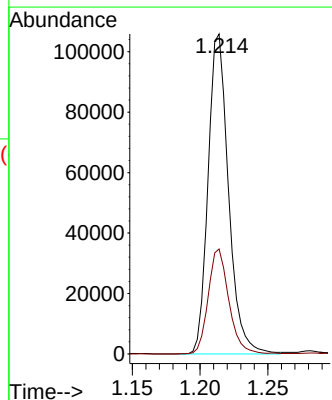
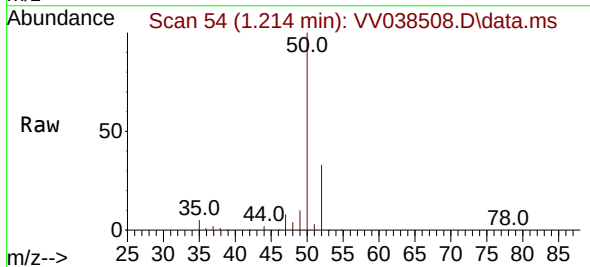
Instrument :
 MSVOA_V
 ClientSampleId :

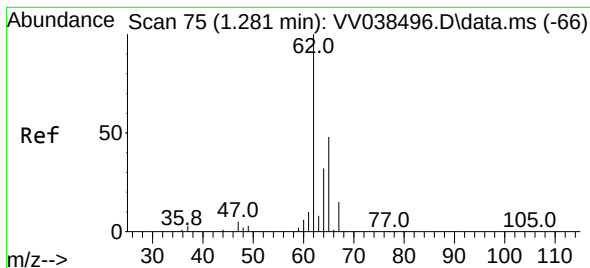
Tgt Ion: 85 Resp: 111921
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.0 39.0



#3
 Chloromethane
 Concen: 4.721 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038508.D
 Acq: 22 Jan 2025 18:40

Tgt Ion: 50 Resp: 111087
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.0 42.6





#5

Vinyl chloride

Concen: 4.715 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV038508.D

Acq: 22 Jan 2025 18:40

Instrument :

MSVOA_V

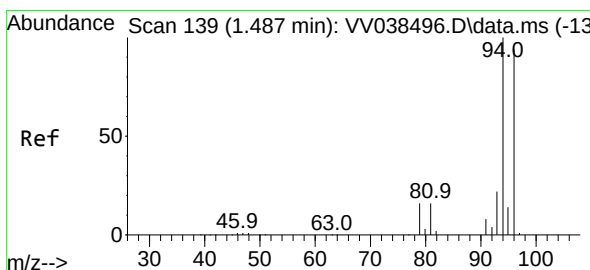
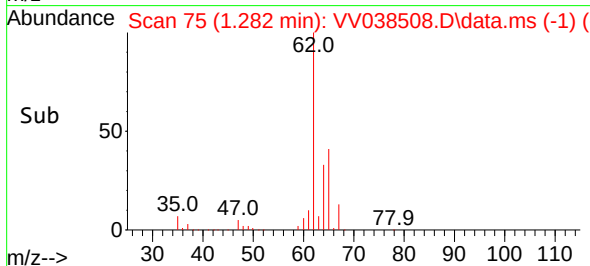
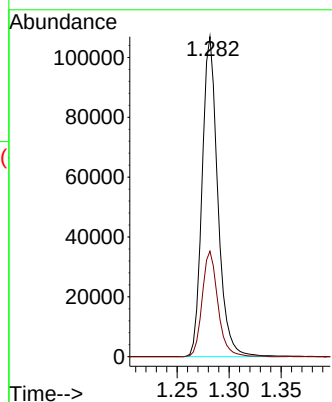
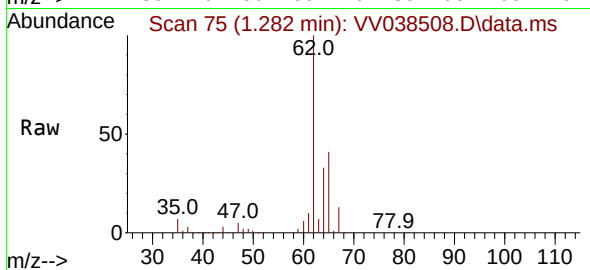
ClientSampleId :

Tgt Ion: 62 Resp: 112113

Ion Ratio Lower Upper

62 100

64 32.9 23.5 43.7



#6

Bromomethane

Concen: 4.998 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV038508.D

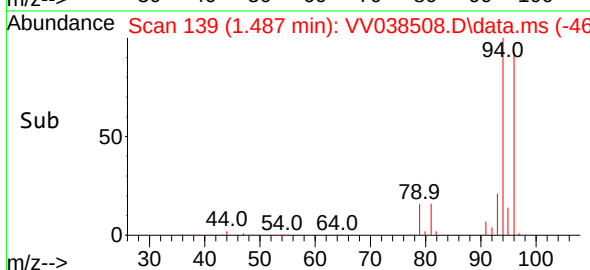
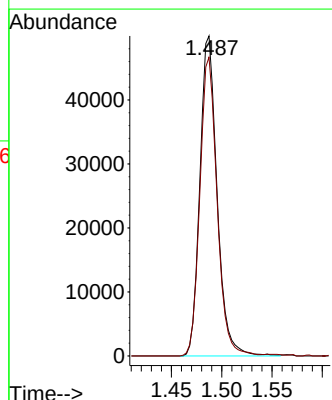
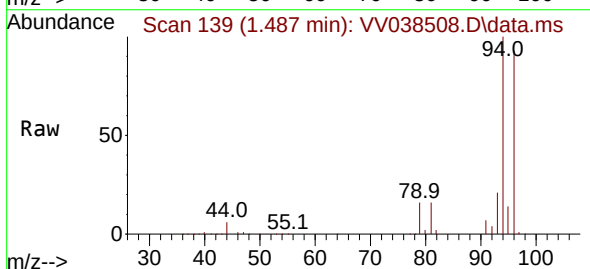
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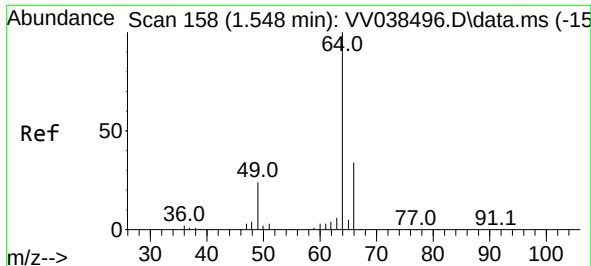
Tgt Ion: 94 Resp: 59446

Ion Ratio Lower Upper

94 100

96 93.3 68.9 127.9

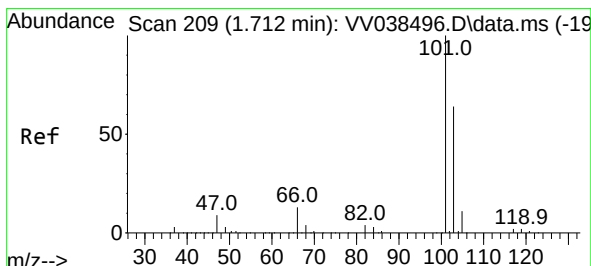
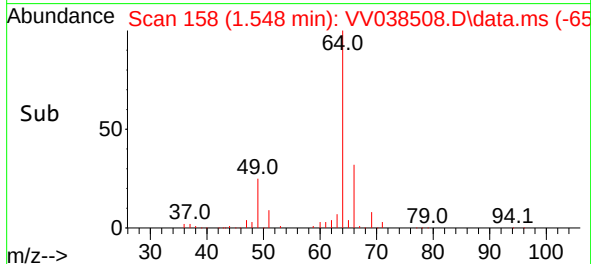
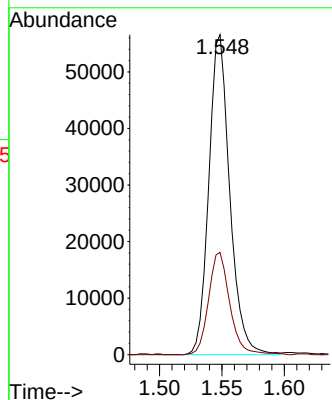
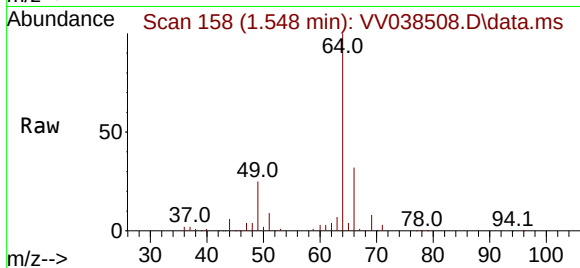




#8
Chloroethane
Concen: 4.645 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

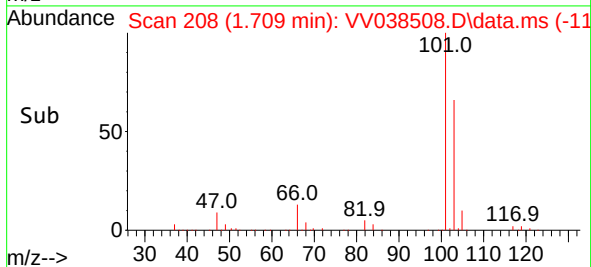
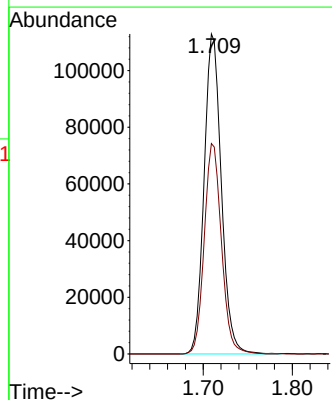
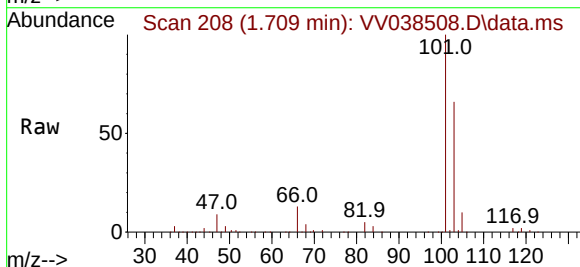
Instrument :
MSVOA_V
ClientSampleId :

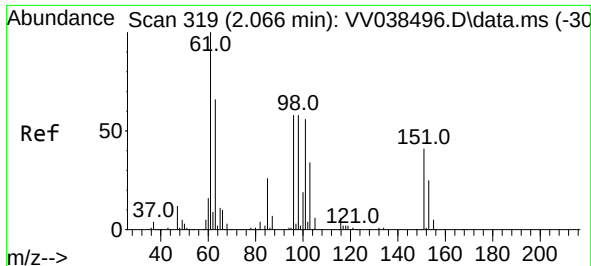
Tgt Ion: 64 Resp: 66175
Ion Ratio Lower Upper
64 100
66 31.9 22.7 42.1



#9
Trichlorofluoromethane
Concen: 5.012 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

Tgt Ion:101 Resp: 151674
Ion Ratio Lower Upper
101 100
103 65.5 51.5 77.3

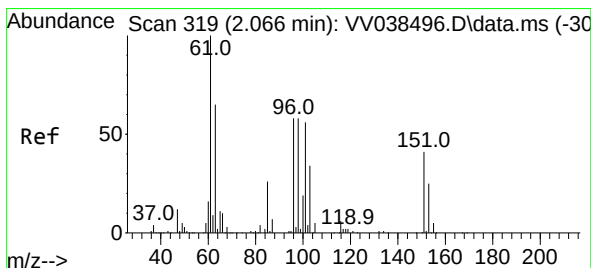
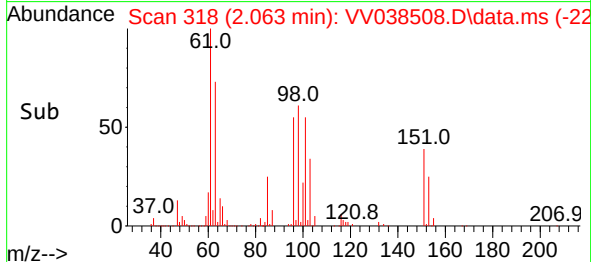
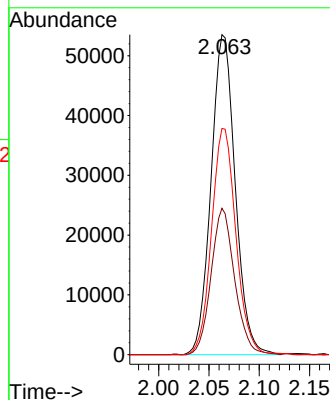
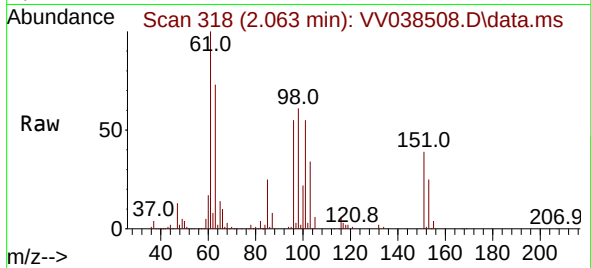




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.188 ug/L
 RT: 2.063 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV038508.D
 Acq: 22 Jan 2025 18:40

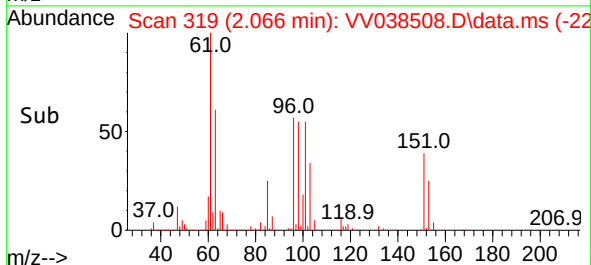
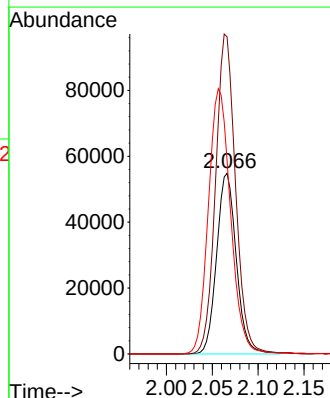
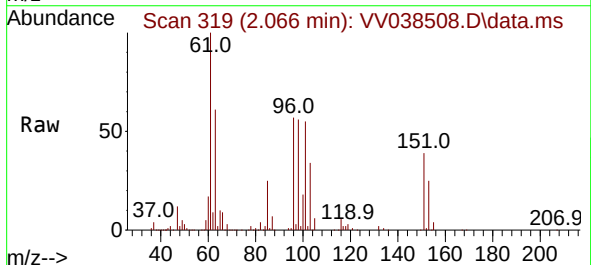
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 ClientSampleId :

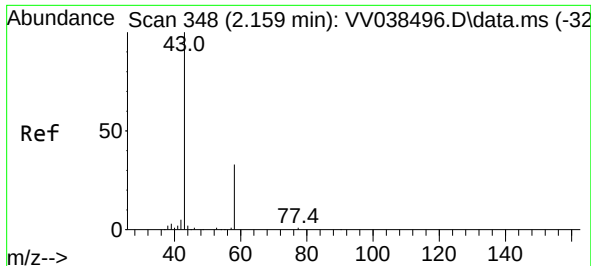
Tgt Ion:101 Resp: 89742
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.2 52.8
 151 71.2 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 4.806 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV038508.D
 Acq: 22 Jan 2025 18:40

Tgt Ion: 96 Resp: 81832
 Ion Ratio Lower Upper
 96 100
 61 175.5 122.2 227.0
 63 107.0 86.2 160.0





#13

Acetone

Concen: 39.884 ug/L

RT: 2.191 min Scan# 3

Delta R.T. 0.032 min

Lab File: VV038508.D

Acq: 22 Jan 2025 18:40

Instrument :

MSVOA_V

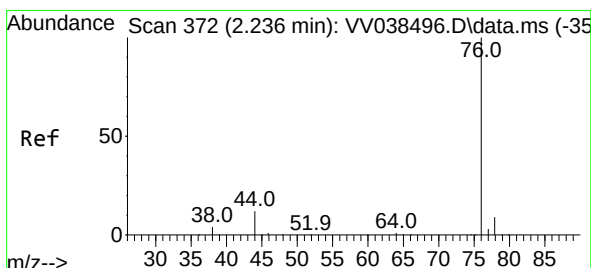
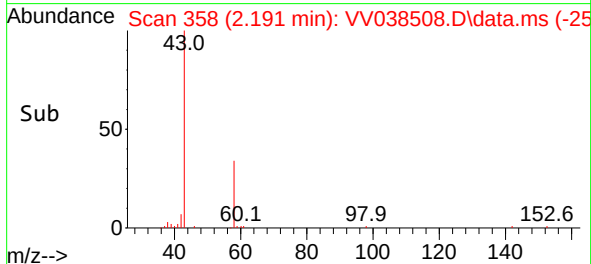
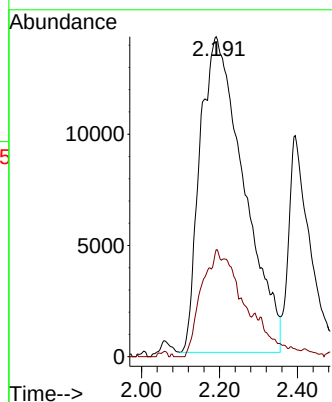
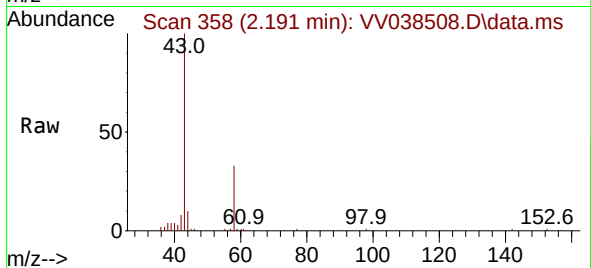
ClientSampleId :

Tgt Ion: 43 Resp: 110514

Ion Ratio Lower Upper

43 100

58 14.9 0.0 67.2



#14

Carbon disulfide

Concen: 4.674 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV038508.D

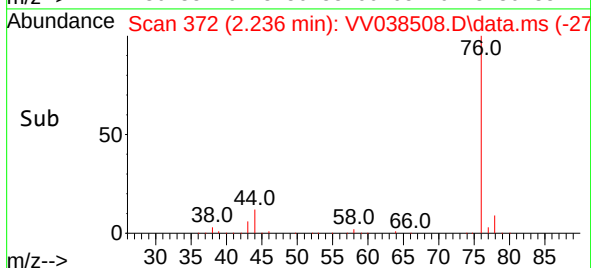
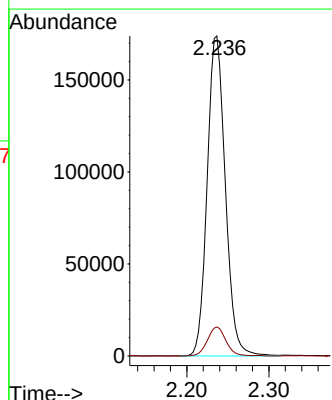
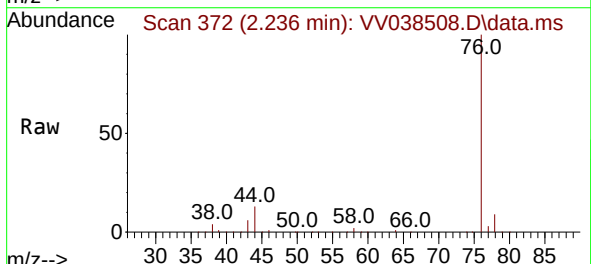
Acq: 22 Jan 2025 18:40

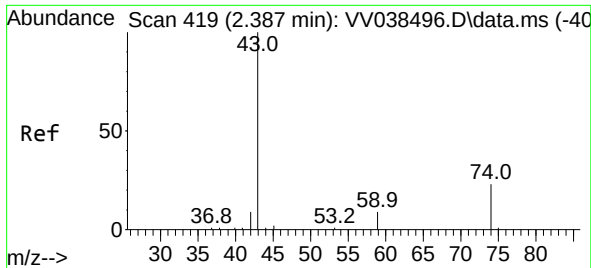
Tgt Ion: 76 Resp: 267351

Ion Ratio Lower Upper

76 100

78 9.1 7.6 11.4

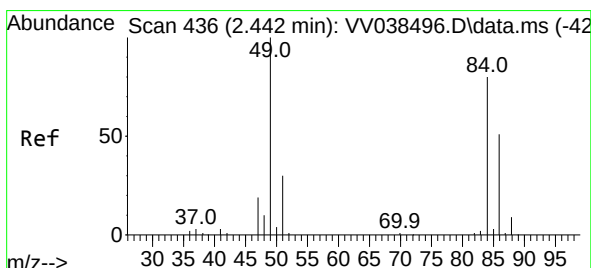
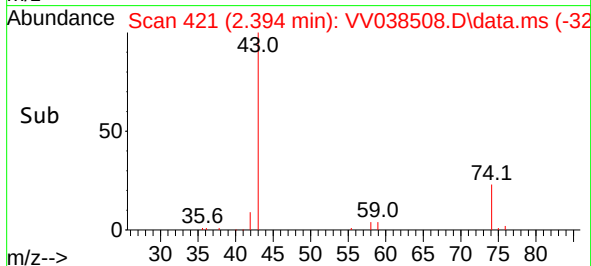
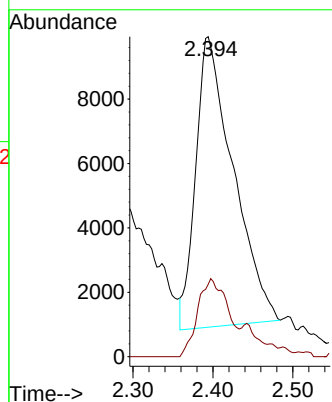
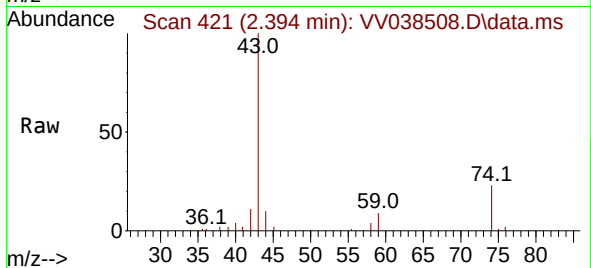




#15
Methyl Acetate
Concen: 4.153 ug/L
RT: 2.394 min Scan# 419
Delta R.T. 0.007 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

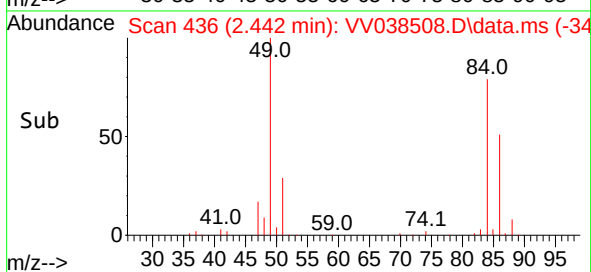
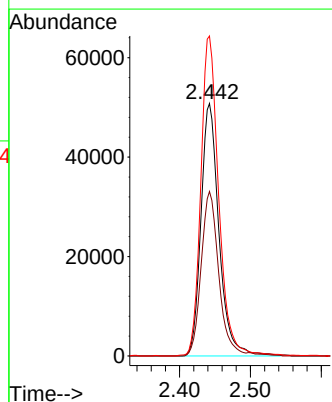
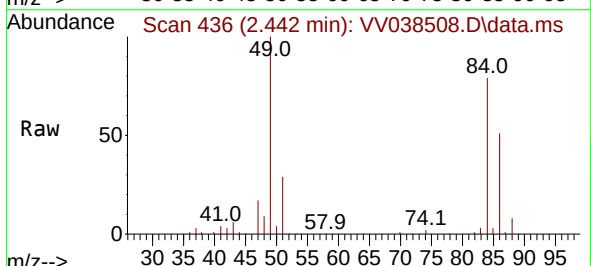
Instrument :
MSVOA_V
ClientSampleId :

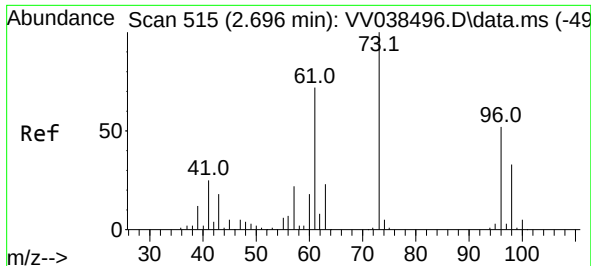
Tgt Ion: 43 Resp: 29397
Ion Ratio Lower Upper
43 100
74 21.7 20.4 30.6



#16
Methylene chloride
Concen: 4.747 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

Tgt Ion: 84 Resp: 89576
Ion Ratio Lower Upper
84 100
86 65.1 44.7 82.9
49 126.7 84.1 156.1

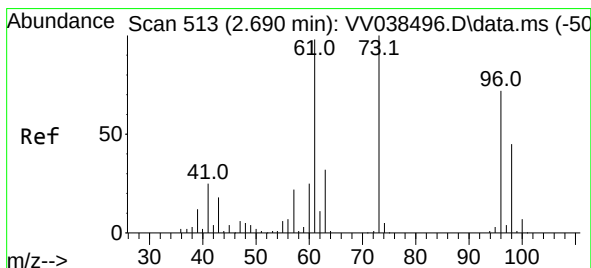
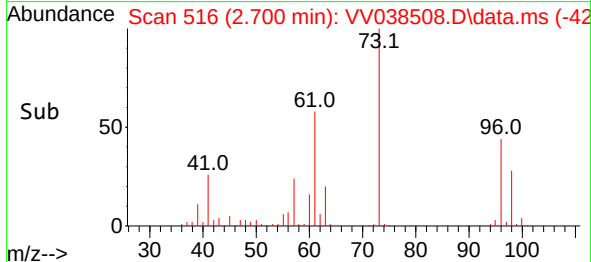
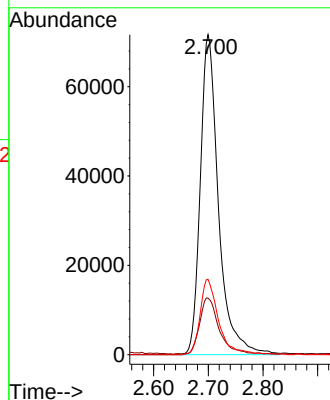
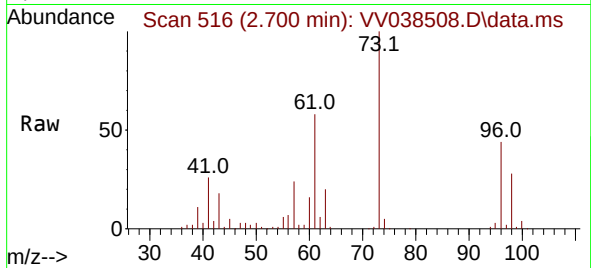




#17
Methyl tert-butyl Ether
Concen: 4.619 ug/L
RT: 2.700 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

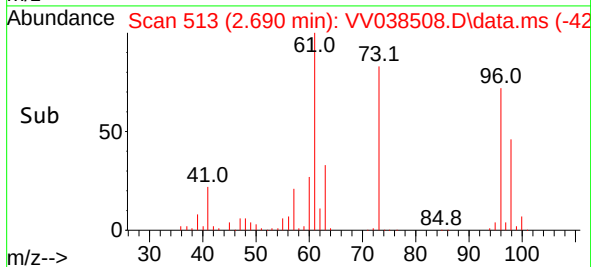
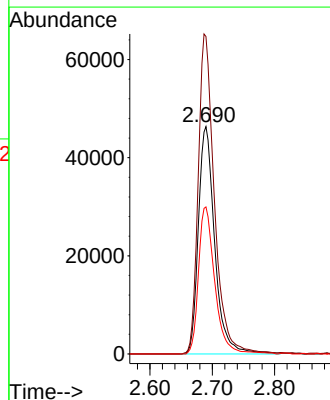
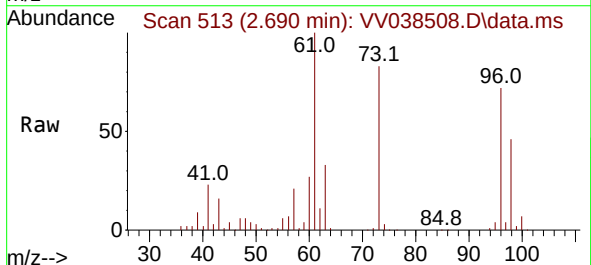
Instrument :
MSVOA_V
ClientSampleId :

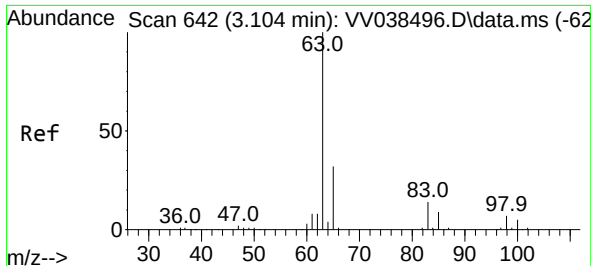
Tgt Ion: 73 Resp: 165476
Ion Ratio Lower Upper
73 100
43 18.1 14.6 21.8
57 23.7 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.837 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

Tgt Ion: 96 Resp: 84661
Ion Ratio Lower Upper
96 100
61 139.6 94.8 176.2
98 64.7 44.2 82.2





#19

1,1-Dichloroethane

Concen: 4.869 ug/L

RT: 3.105 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV038508.D

Acq: 22 Jan 2025 18:40

Instrument :

MSVOA_V

ClientSampleId :

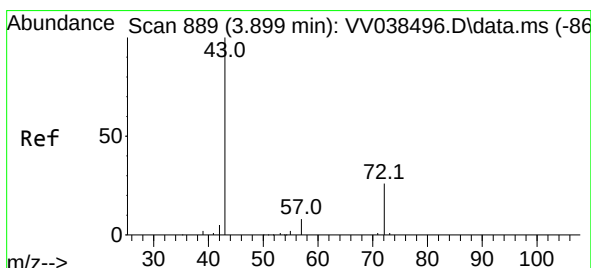
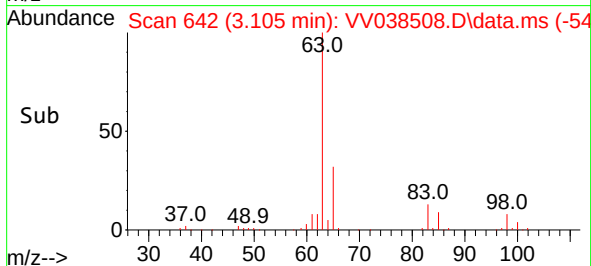
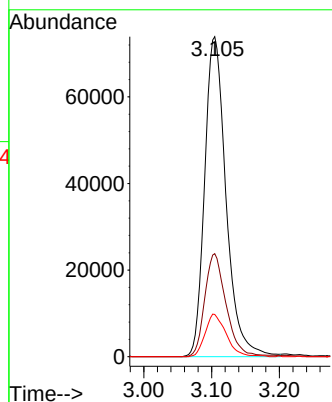
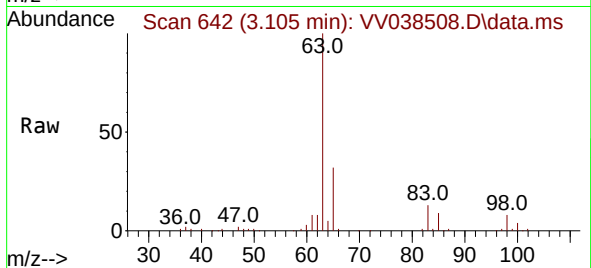
Tgt Ion: 63 Resp: 162215

Ion Ratio Lower Upper

63 100

65 32.2 22.5 41.9

83 13.2 9.4 17.6



#21

2-Butanone

Concen: 13.535 ug/L

RT: 3.921 min Scan# 896

Delta R.T. 0.023 min

Lab File: VV038508.D

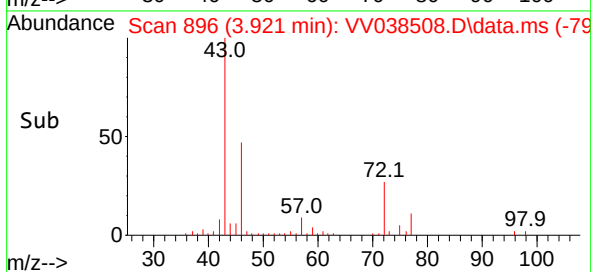
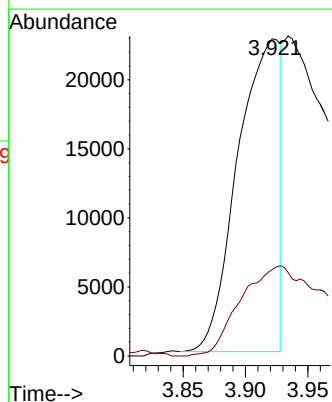
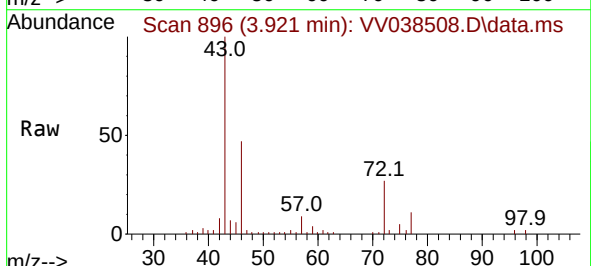
Acq: 22 Jan 2025 18:40

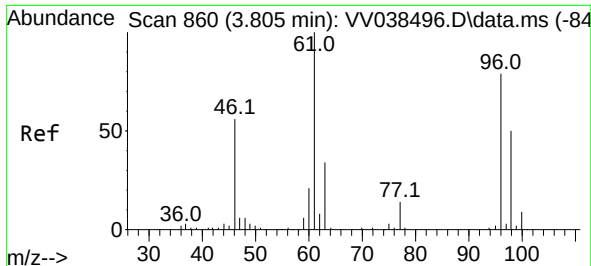
Tgt Ion: 43 Resp: 53199

Ion Ratio Lower Upper

43 100

72 74.2 12.2 36.4#

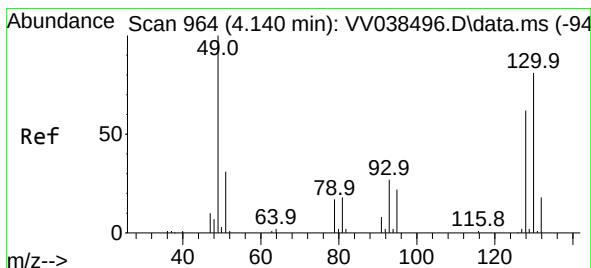
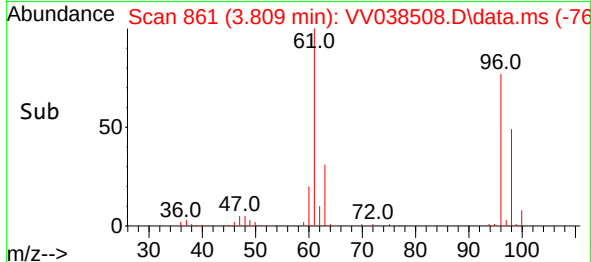
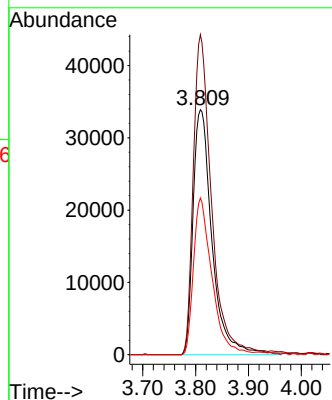
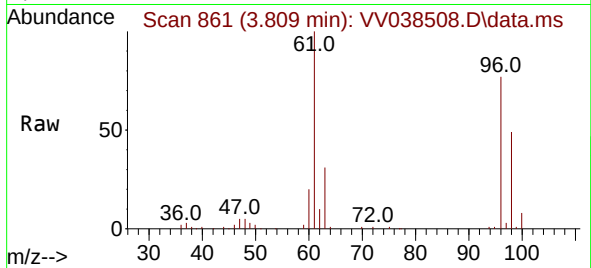




#22
 cis-1,2-Dichloroethene
 Concen: 4.729 ug/L
 RT: 3.809 min Scan# 860
 Delta R.T. 0.003 min
 Lab File: VV038508.D
 Acq: 22 Jan 2025 18:40

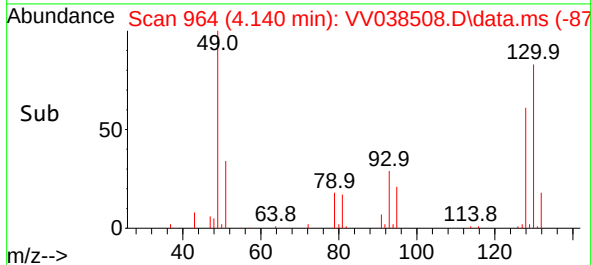
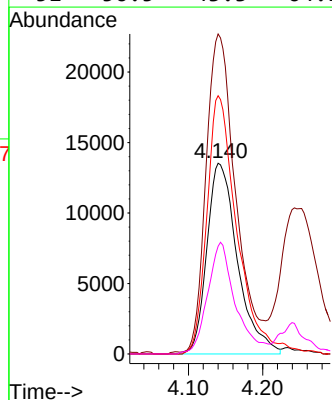
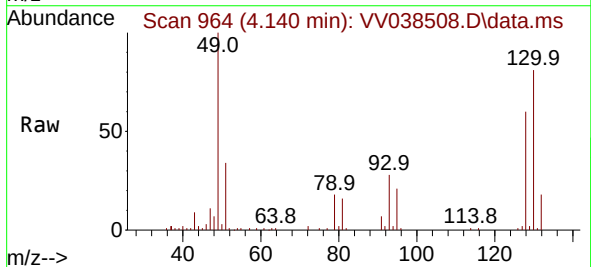
Instrument :
 MSVOA_V
 ClientSampleId :

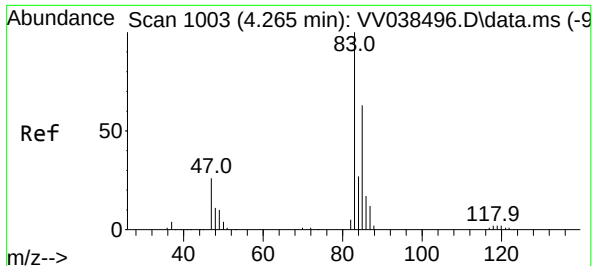
Tgt Ion: 96 Resp: 84161
 Ion Ratio Lower Upper
 96 100
 61 130.6 86.5 160.7
 98 63.9 43.8 81.3



#23
 Bromochloromethane
 Concen: 4.776 ug/L
 RT: 4.140 min Scan# 964
 Delta R.T. 0.000 min
 Lab File: VV038508.D
 Acq: 22 Jan 2025 18:40

Tgt Ion: 128 Resp: 38672
 Ion Ratio Lower Upper
 128 100
 49 167.8 121.0 224.8
 130 135.4 90.1 167.3
 51 56.5 43.3 64.9

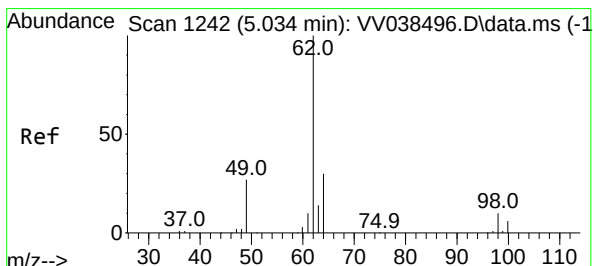
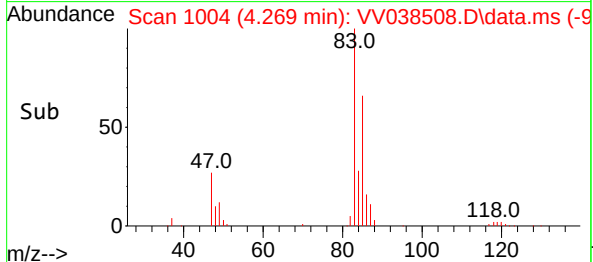
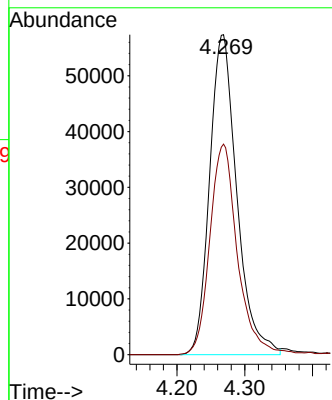
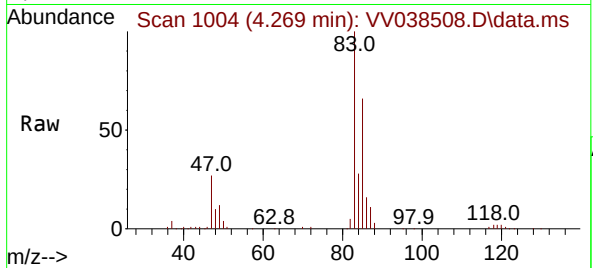




#25
Chloroform
Concen: 4.853 ug/L
RT: 4.269 min Scan# 1003
Delta R.T. 0.003 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

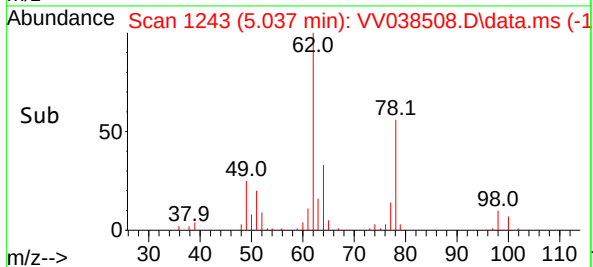
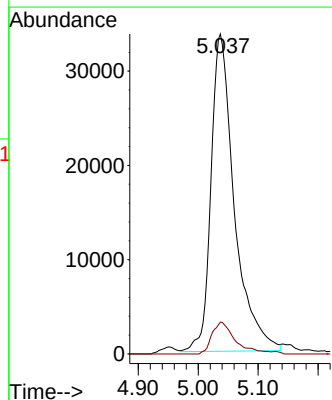
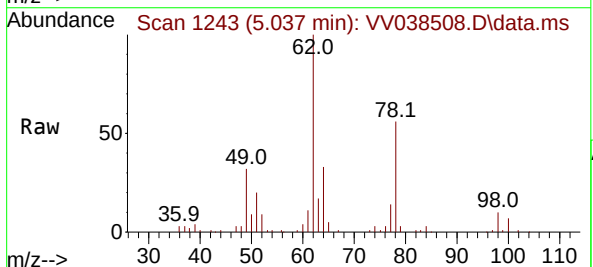
Instrument :
MSVOA_V
ClientSampleId :

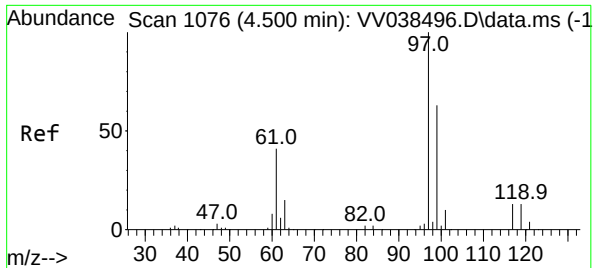
Tgt Ion: 83 Resp: 159824
Ion Ratio Lower Upper
83 100
85 65.8 44.0 81.8



#27
1,2-Dichloroethane
Concen: 4.973 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.003 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

Tgt Ion: 62 Resp: 91082
Ion Ratio Lower Upper
62 100
98 9.9 7.8 11.6

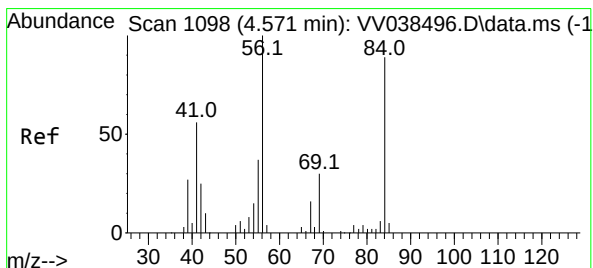
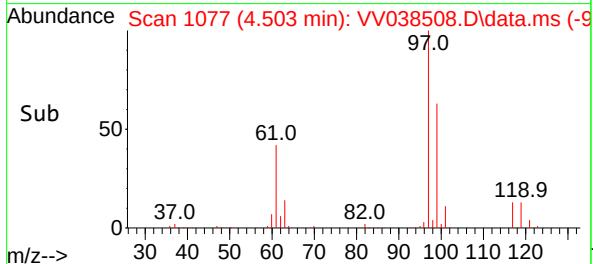
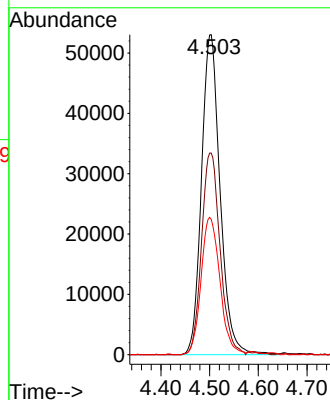
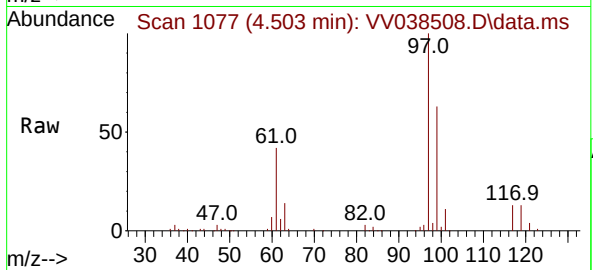




#29
 1,1,1-Trichloroethane
 Concen: 5.133 ug/L
 RT: 4.503 min Scan# 1076
 Delta R.T. 0.003 min
 Lab File: VV038508.D
 Acq: 22 Jan 2025 18:40

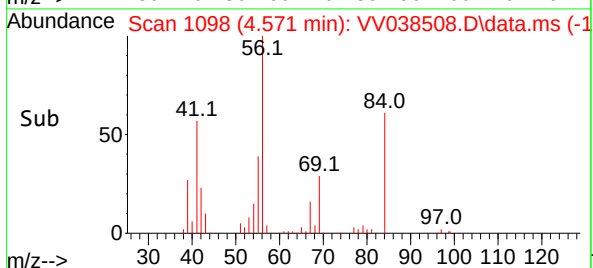
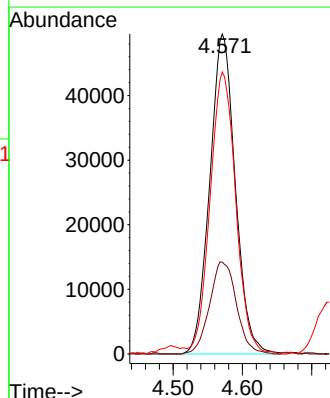
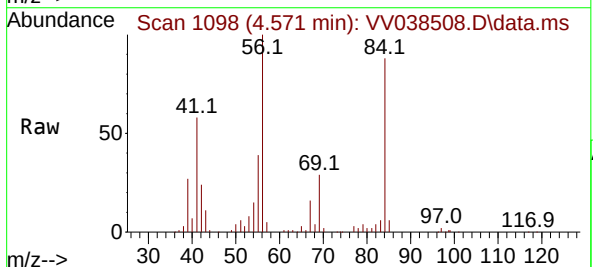
Instrument :
 MSVOA_V
 ClientSampleId :

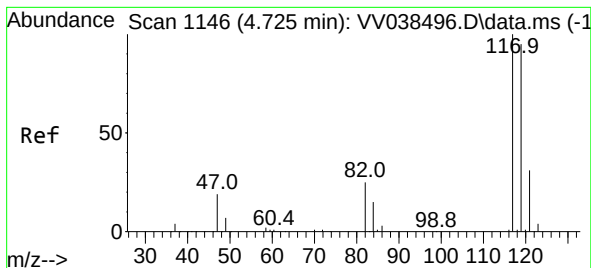
Tgt Ion: 97	Resp: 141108
Ion Ratio	Lower Upper
97 100	
99 62.6	52.9 79.3
61 43.4	36.4 54.6



#30
 Cyclohexane
 Concen: 5.062 ug/L
 RT: 4.571 min Scan# 1098
 Delta R.T. 0.000 min
 Lab File: VV038508.D
 Acq: 22 Jan 2025 18:40

Tgt Ion: 56	Resp: 126761
Ion Ratio	Lower Upper
56 100	
69 30.3	24.7 37.1
84 88.5	68.2 102.2





#31

Carbon tetrachloride

Concen: 5.093 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VV038508.D

Acq: 22 Jan 2025 18:40

Instrument :

MSVOA_V

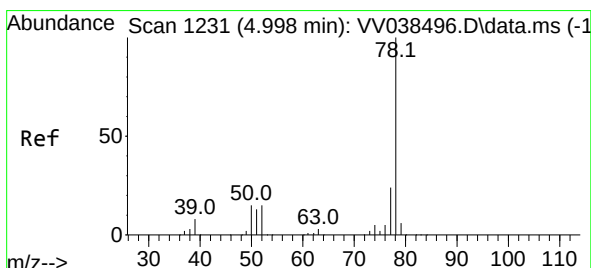
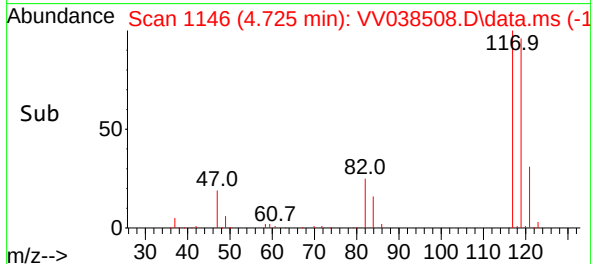
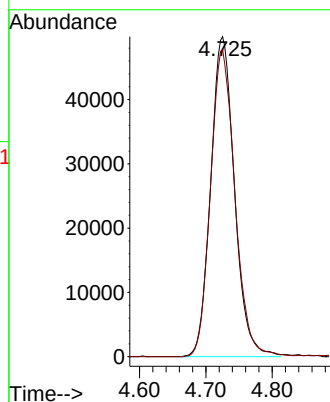
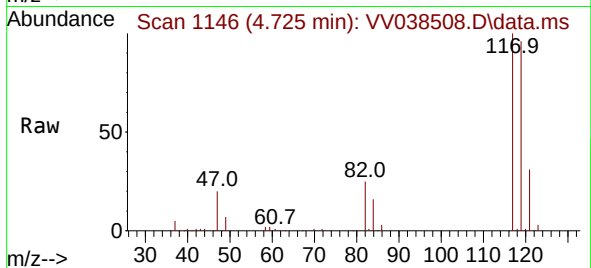
ClientSampleId :

Tgt Ion:117 Resp: 123769

Ion Ratio Lower Upper

117 100

119 98.5 76.6 115.0



#33

Benzene

Concen: 5.128 ug/L

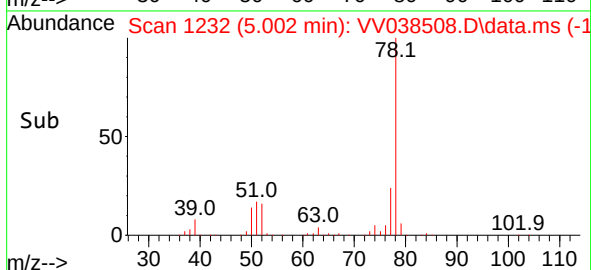
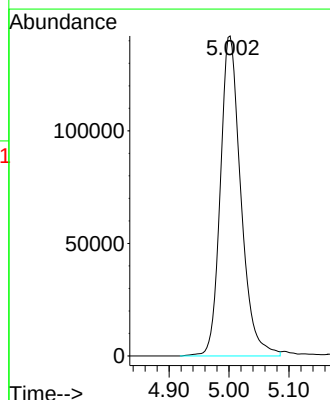
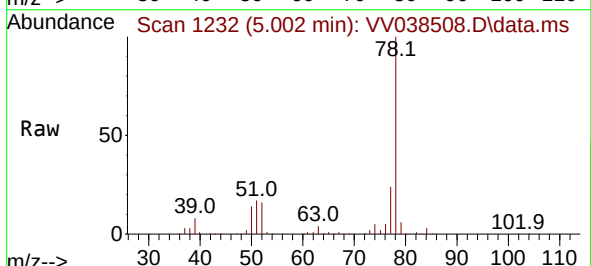
RT: 5.002 min Scan# 1232

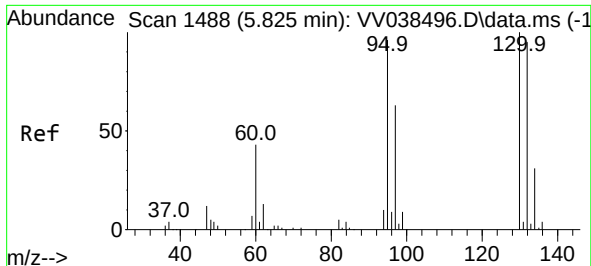
Delta R.T. 0.003 min

Lab File: VV038508.D

Acq: 22 Jan 2025 18:40

Tgt Ion: 78 Resp: 336734

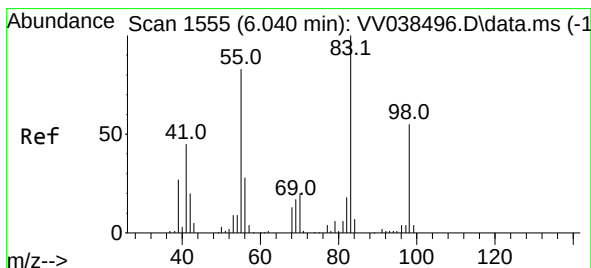
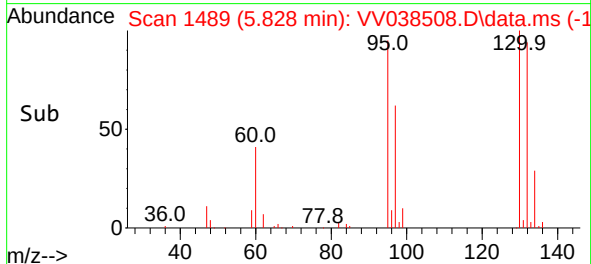
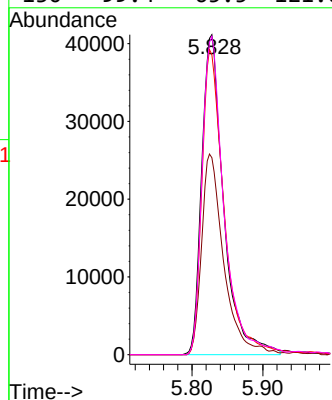
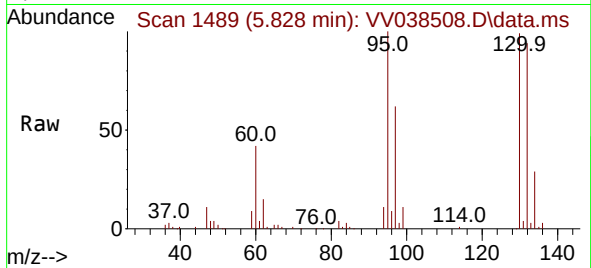




#34
Trichloroethene
Concen: 5.193 ug/L
RT: 5.828 min Scan# 1488
Delta R.T. 0.003 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

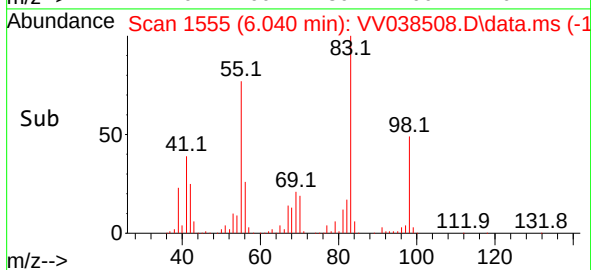
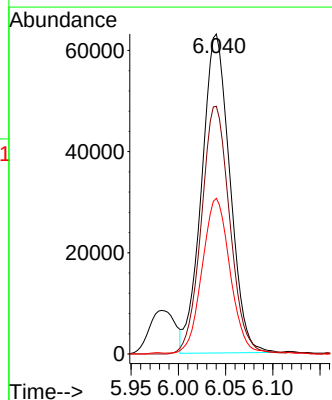
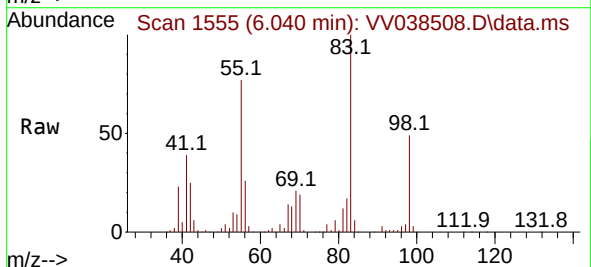
Instrument :
MSVOA_V
ClientSampleId :

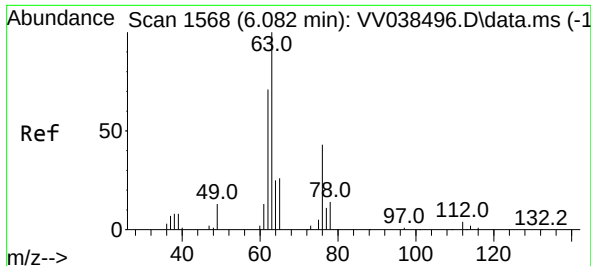
Tgt Ion: 95 Resp: 88609
Ion Ratio Lower Upper
95 100
97 61.6 43.4 80.6
132 93.7 65.5 121.6
130 99.4 65.5 121.6



#35
Methylcyclohexane
Concen: 5.035 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

Tgt Ion: 83 Resp: 130968
Ion Ratio Lower Upper
83 100
55 78.5 59.4 89.0
98 47.9 37.8 56.8





#37

1,2-Dichloropropane

Concen: 4.895 ug/L

RT: 6.085 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038508.D

Acq: 22 Jan 2025 18:40

Instrument :

MSVOA_V

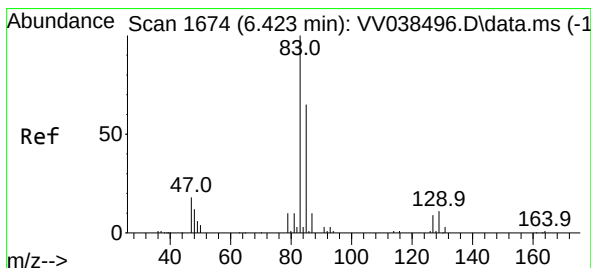
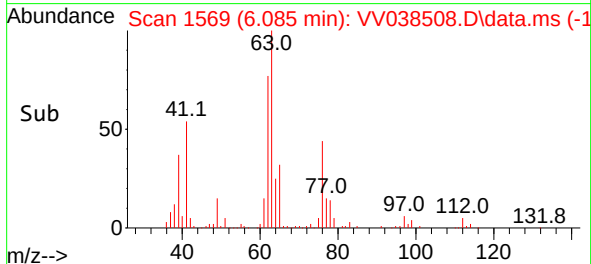
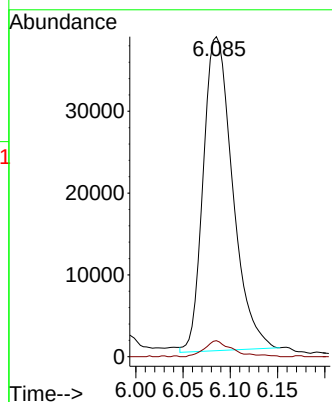
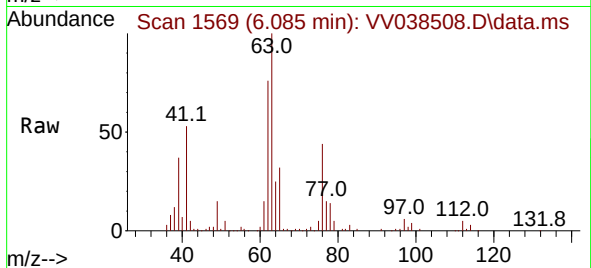
ClientSampleId :

Tgt Ion: 63 Resp: 83006

Ion Ratio Lower Upper

63 100

112 4.6 4.1 6.1



#38

Bromodichloromethane

Concen: 4.913 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. 0.003 min

Lab File: VV038508.D

Acq: 22 Jan 2025 18:40

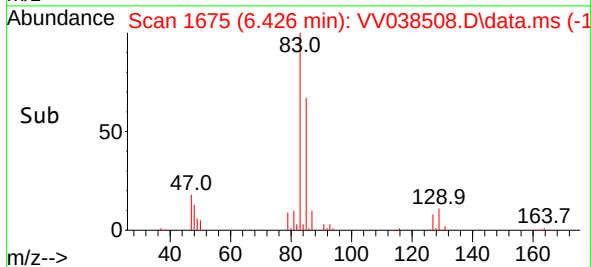
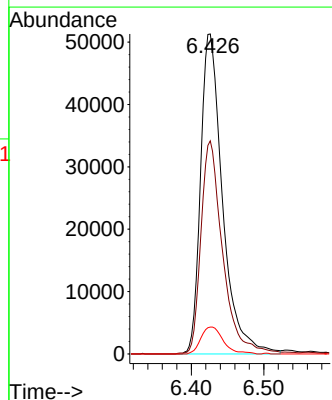
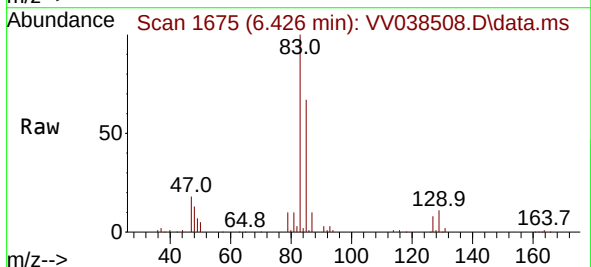
Tgt Ion: 83 Resp: 108041

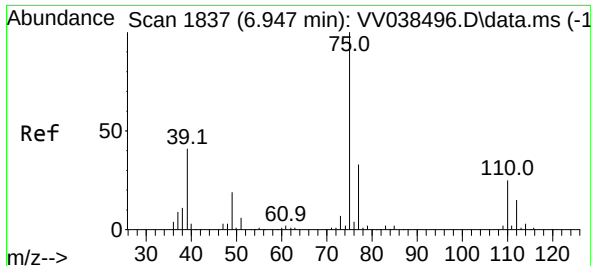
Ion Ratio Lower Upper

83 100

85 66.6 44.7 83.1

127 8.4 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.883 ug/L

RT: 6.947 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038508.D

Acq: 22 Jan 2025 18:40

Instrument :

MSVOA_V

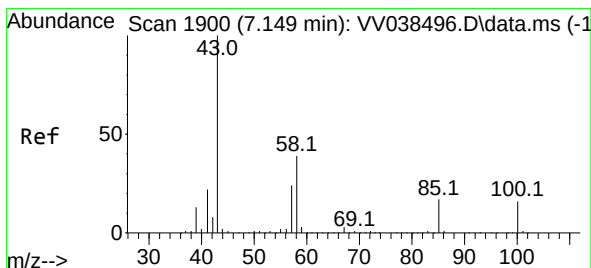
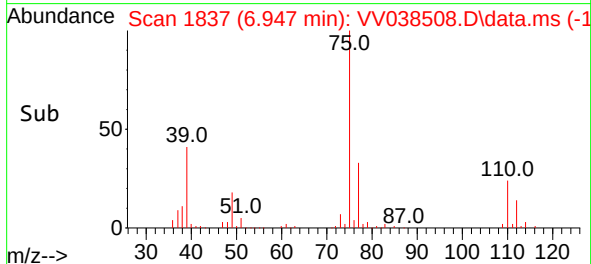
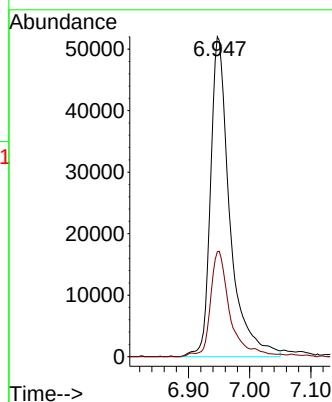
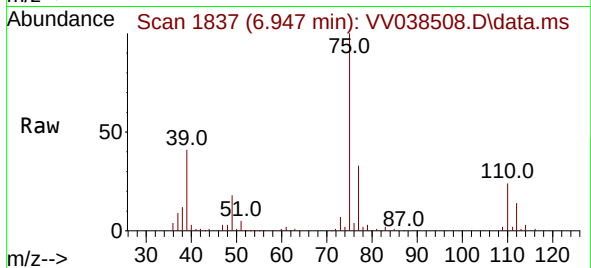
ClientSampleId :

Tgt Ion: 75 Resp: 114138

Ion Ratio Lower Upper

75 100

77 32.8 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 51.045 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.003 min

Lab File: VV038508.D

Acq: 22 Jan 2025 18:40

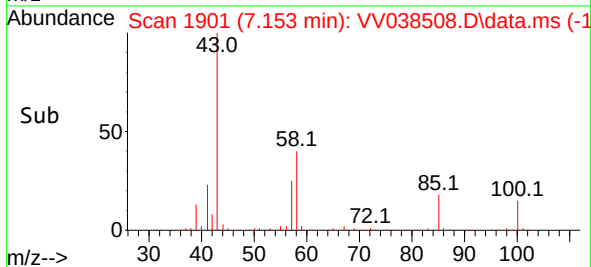
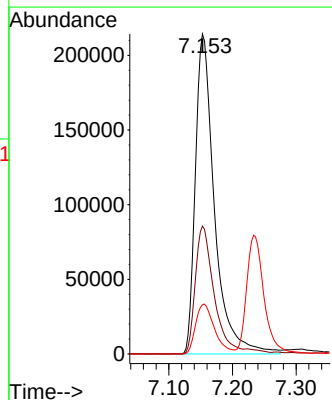
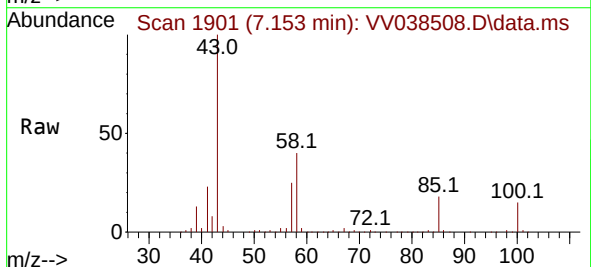
Tgt Ion: 43 Resp: 447866

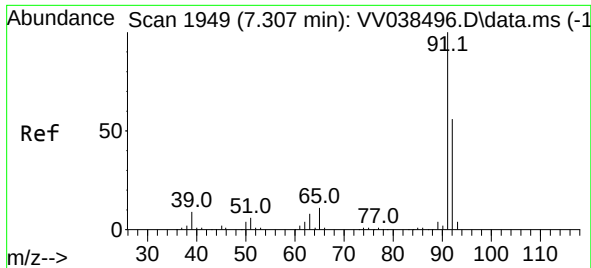
Ion Ratio Lower Upper

43 100

58 38.7 31.7 47.5

100 15.5 12.4 18.6





#42

Toluene

Concen: 5.403 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV038508.D

Acq: 22 Jan 2025 18:40

Instrument :

MSVOA_V

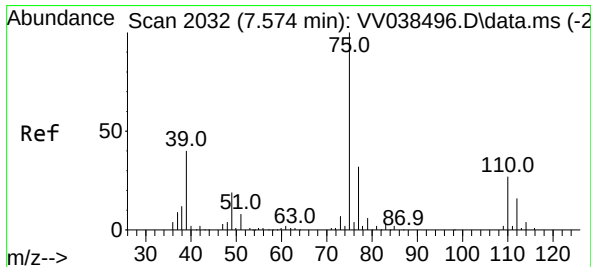
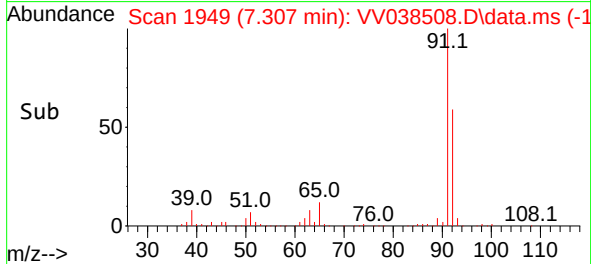
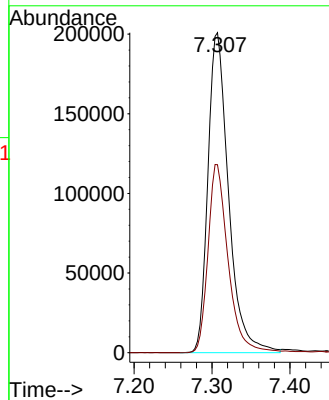
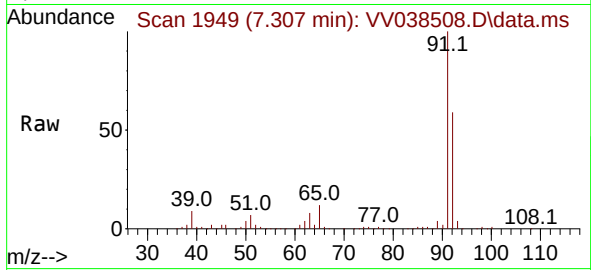
ClientSampleId :

Tgt Ion: 91 Resp: 369769

Ion Ratio Lower Upper

91 100

92 58.8 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 4.989 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV038508.D

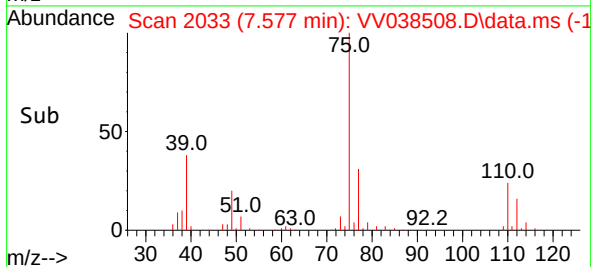
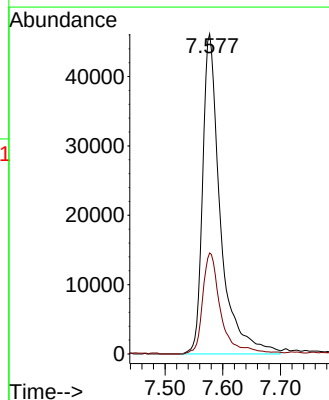
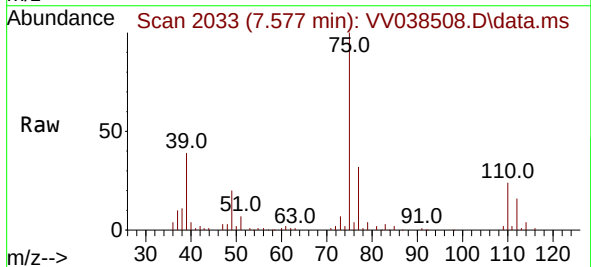
Acq: 22 Jan 2025 18:40

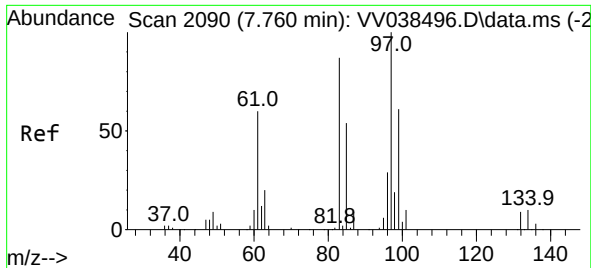
Tgt Ion: 75 Resp: 98812

Ion Ratio Lower Upper

75 100

77 31.5 22.8 42.4



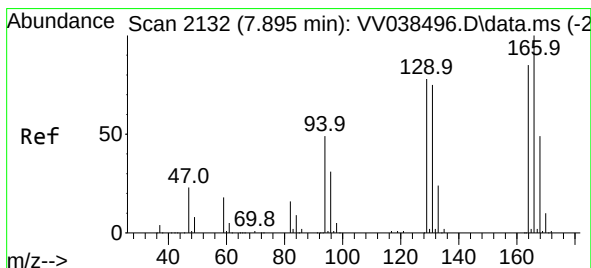
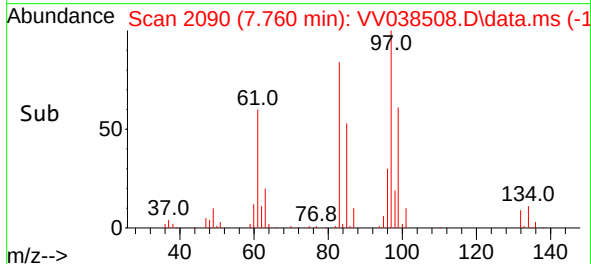
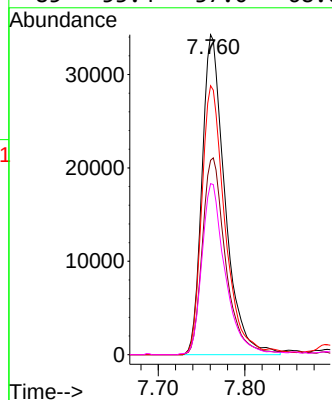
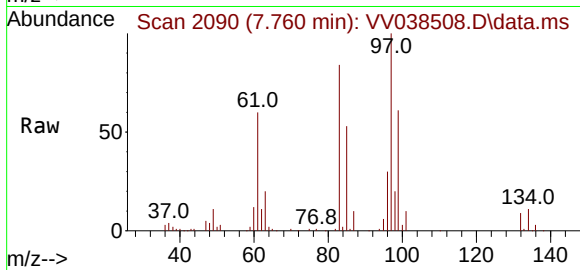


#45
1,1,2-Trichloroethane
Concen: 5.177 ug/L
RT: 7.760 min Scan# 2090
Delta R.T. 0.000 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 63149

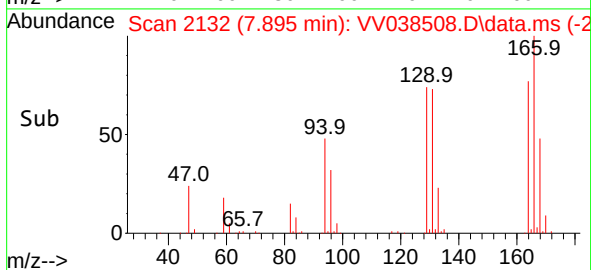
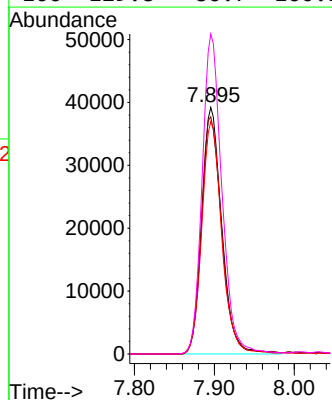
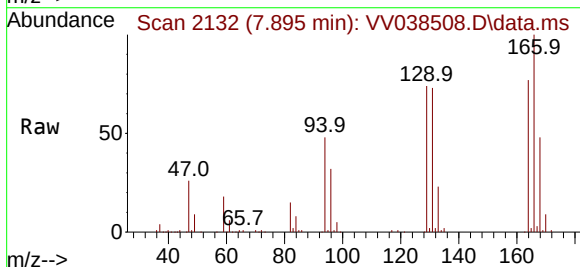
Ion	Ratio	Lower	Upper
97	100		
99	60.8	42.3	78.5
83	84.1	59.4	110.4
85	53.4	37.0	68.6

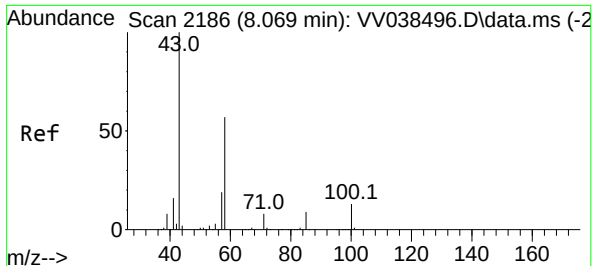


#47
Tetrachloroethene
Concen: 5.170 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

Tgt Ion: 164 Resp: 68284

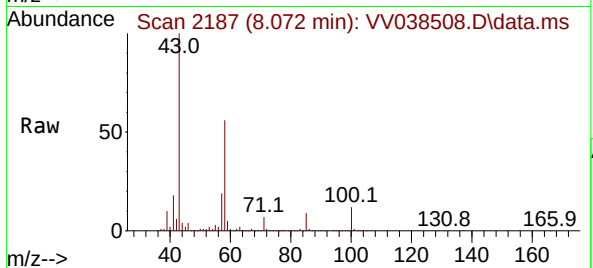
Ion	Ratio	Lower	Upper
164	100		
129	96.1	68.9	127.9
131	94.2	65.2	121.2
166	129.8	86.7	160.9



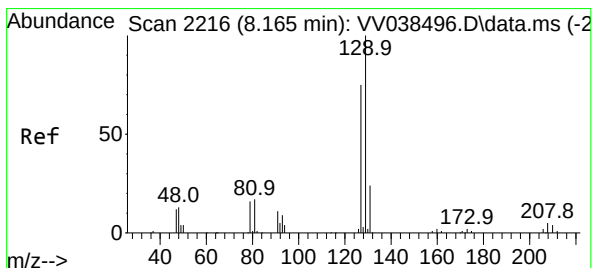
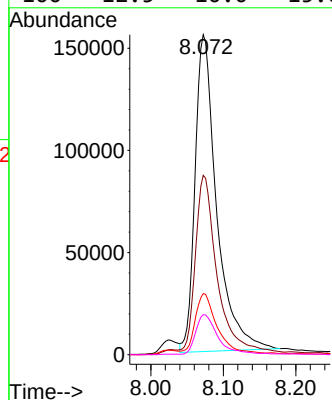
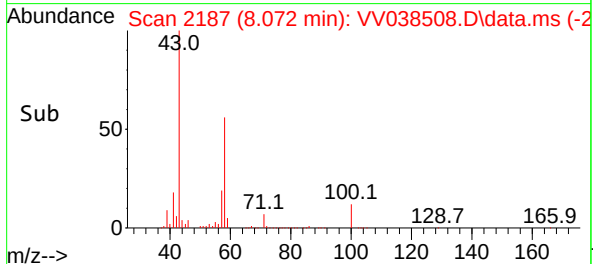


#48
2-Hexanone
Concen: 50.626 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

Instrument :
MSVOA_V
ClientSampleId :

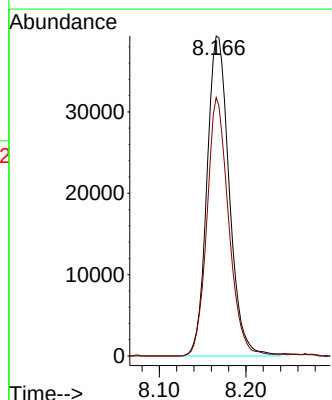
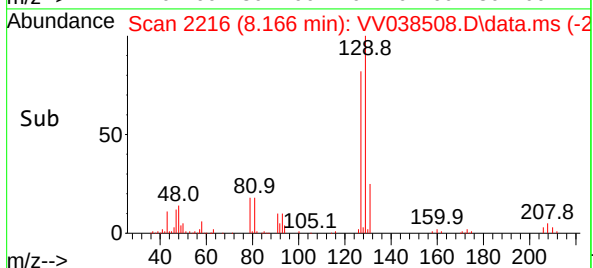
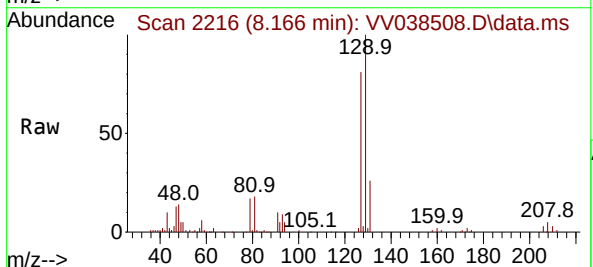


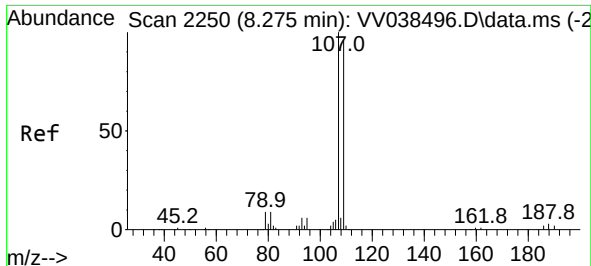
Tgt Ion: 43 Resp: 321613
Ion Ratio Lower Upper
43 100
58 56.1 43.6 65.4
57 19.0 15.0 22.4
100 12.5 10.0 15.0



#49
Dibromochloromethane
Concen: 5.006 ug/L
RT: 8.166 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

Tgt Ion: 129 Resp: 70289
Ion Ratio Lower Upper
129 100
127 80.7 52.8 98.2

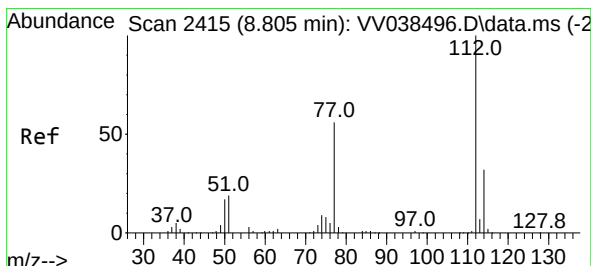
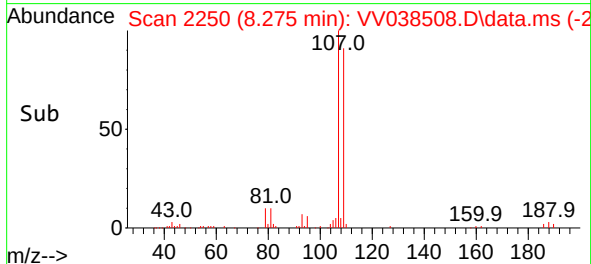
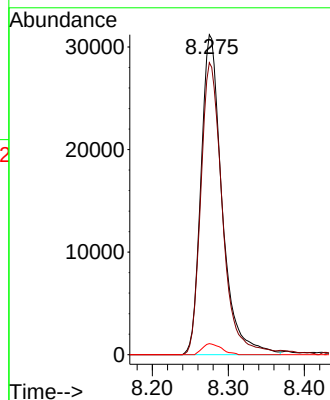
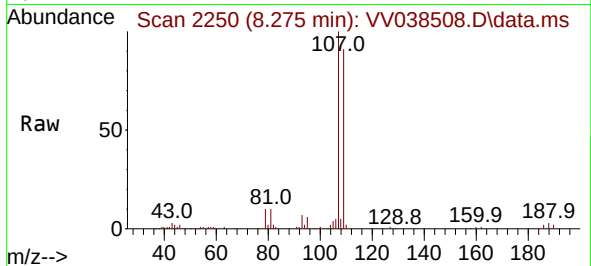




#50
1,2-Dibromoethane
Concen: 5.315 ug/L
RT: 8.275 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

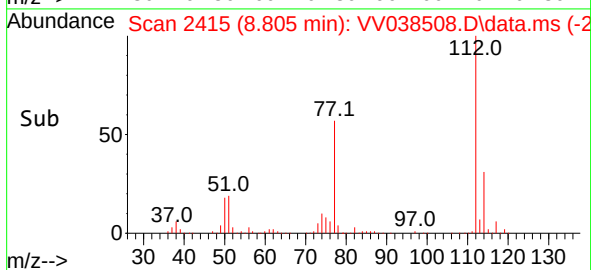
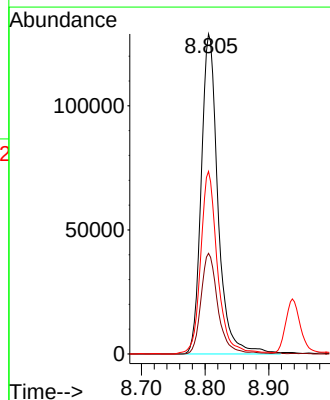
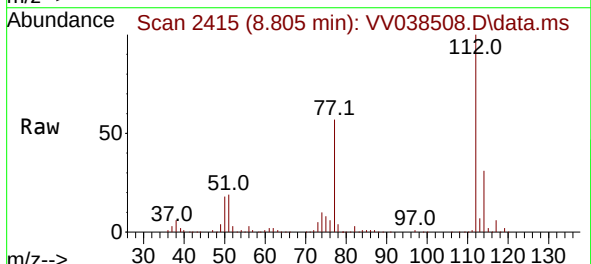
Instrument :
MSVOA_V
ClientSampleId :

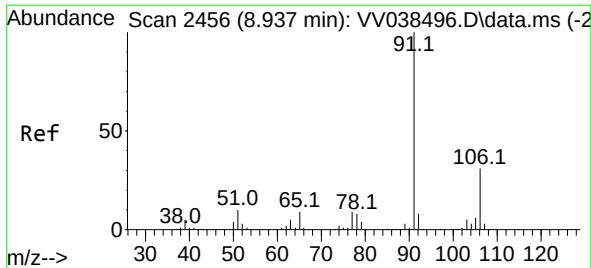
Tgt Ion:107 Resp: 60322
Ion Ratio Lower Upper
107 100
109 91.2 65.9 122.3
188 3.4 2.8 4.2



#51
Chlorobenzene
Concen: 5.112 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

Tgt Ion:112 Resp: 235425
Ion Ratio Lower Upper
112 100
114 31.5 22.9 42.5
77 57.0 46.1 69.1

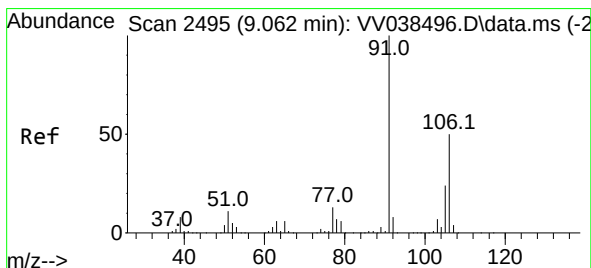
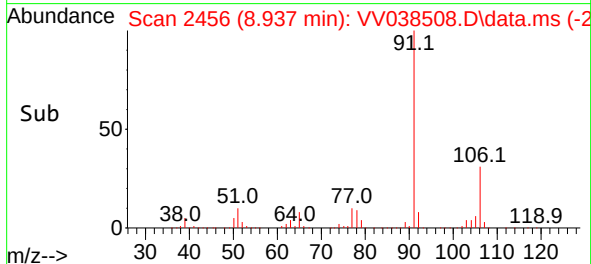
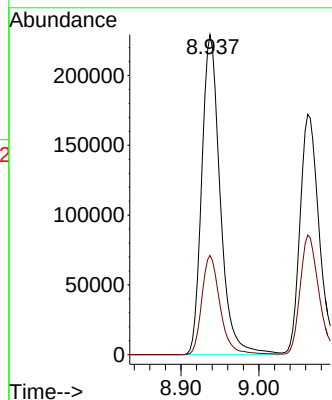
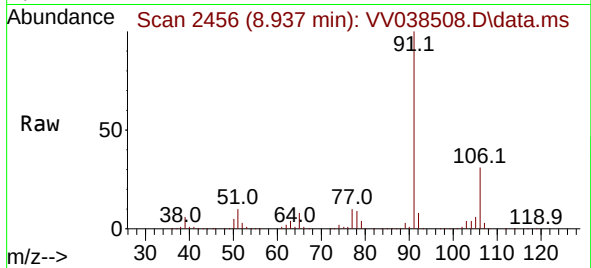




#52
Ethylbenzene
Concen: 5.116 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

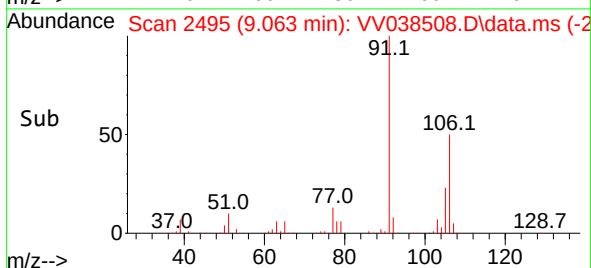
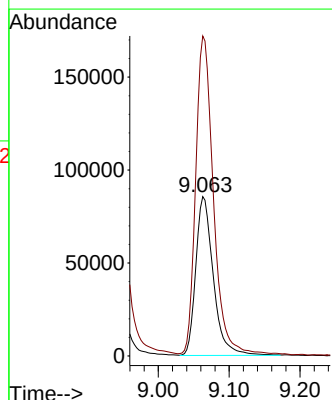
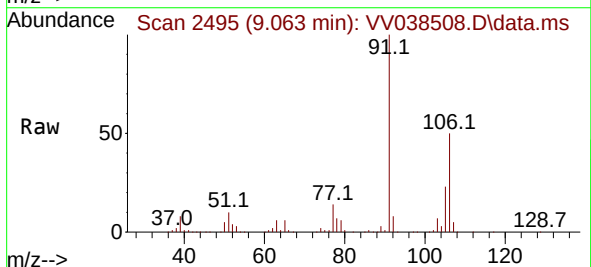
Instrument :
MSVOA_V
ClientSampleId :

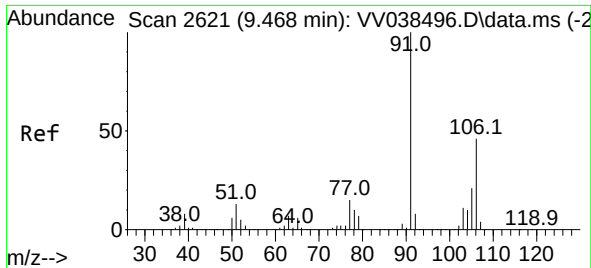
Tgt Ion: 91 Resp: 376573
Ion Ratio Lower Upper
91 100
106 31.0 22.0 40.8



#53
m,p-Xylene
Concen: 5.266 ug/L
RT: 9.063 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

Tgt Ion: 106 Resp: 146957
Ion Ratio Lower Upper
106 100
91 200.8 148.2 275.2

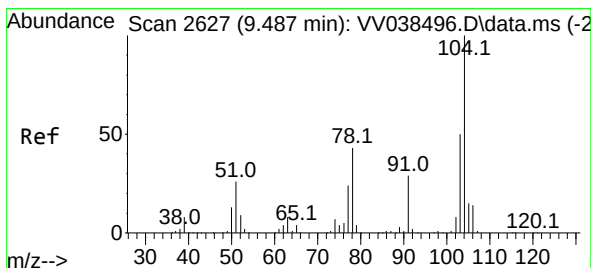
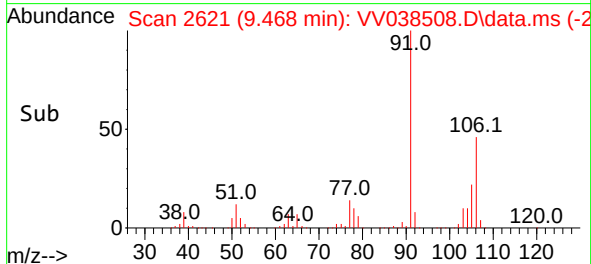
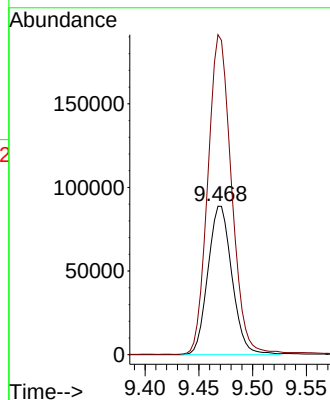
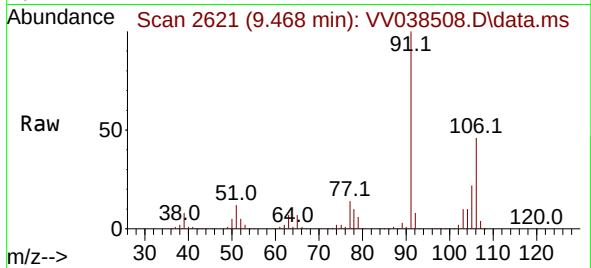




#54
o-Xylene
Concen: 5.193 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

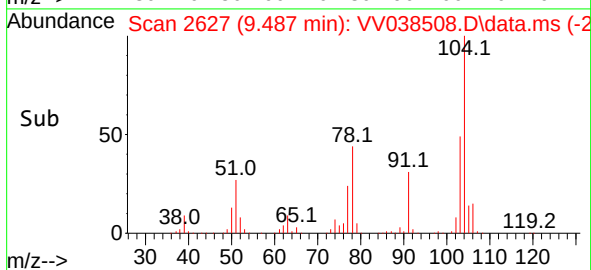
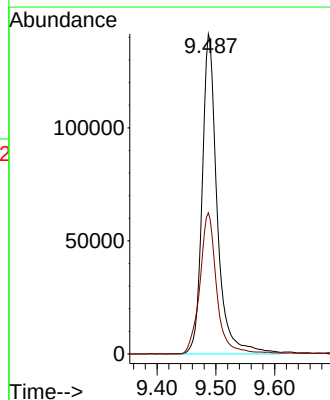
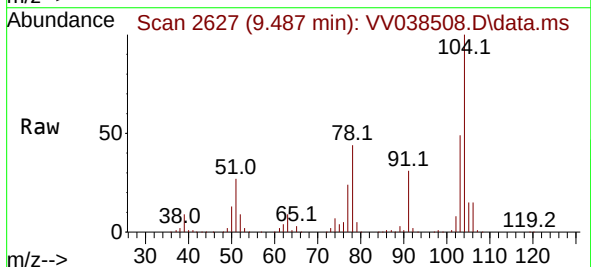
Instrument :
MSVOA_V
ClientSampleId :

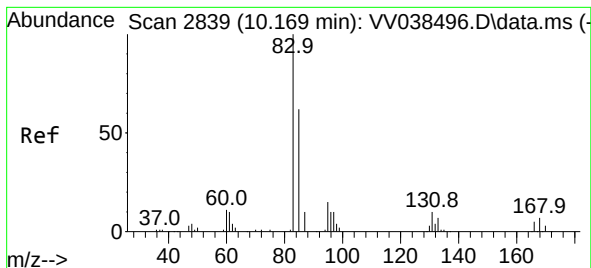
Tgt Ion:106 Resp: 138097
Ion Ratio Lower Upper
106 100
91 215.6 151.4 281.2



#55
Styrene
Concen: 5.419 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

Tgt Ion:104 Resp: 251271
Ion Ratio Lower Upper
104 100
78 44.1 30.8 57.2

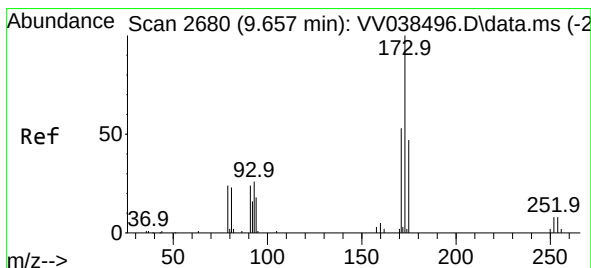
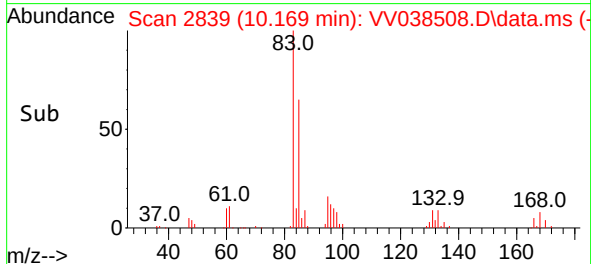
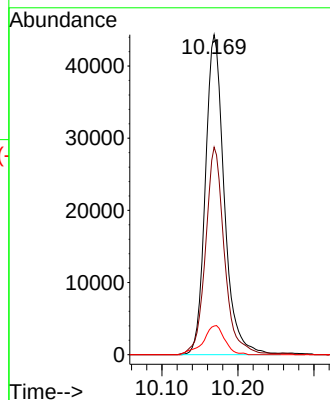
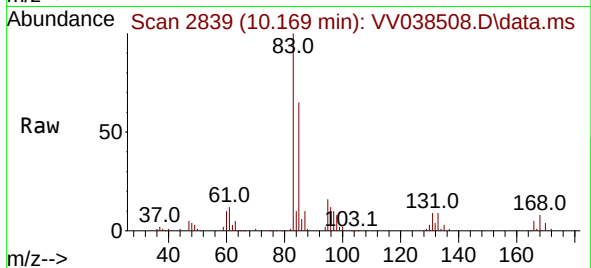




#57
1,1,2,2-Tetrachloroethane
Concen: 5.147 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. 0.000 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

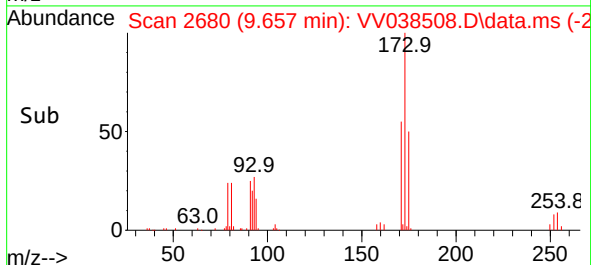
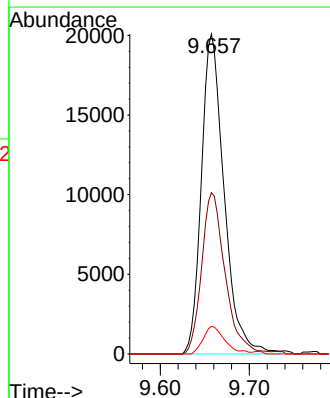
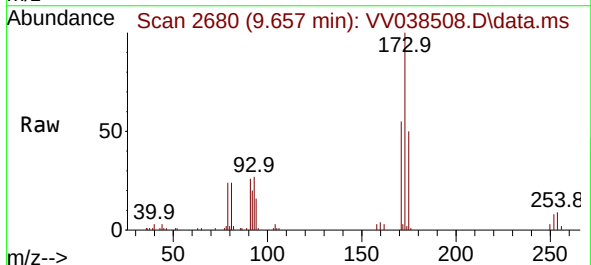
Instrument :
MSVOA_V
ClientSampleId :

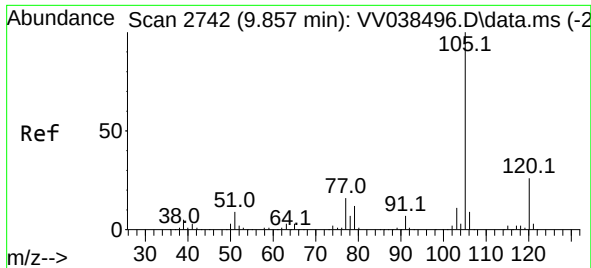
Tgt Ion: 83 Resp: 76453
Ion Ratio Lower Upper
83 100
85 64.9 45.1 83.7
131 9.0 7.5 11.3



#59
Bromoform
Concen: 4.368 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.000 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

Tgt Ion: 173 Resp: 35627
Ion Ratio Lower Upper
173 100
175 52.0 37.6 56.4
254 8.2 5.6 8.4

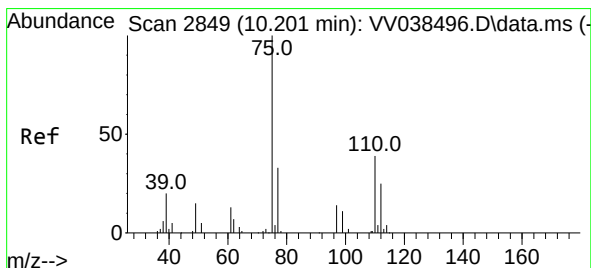
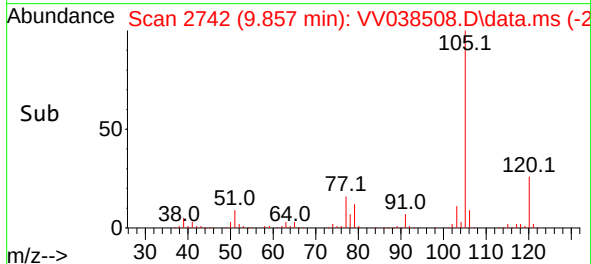
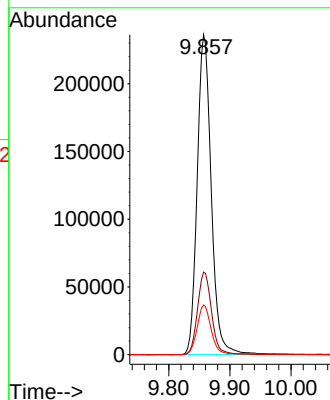
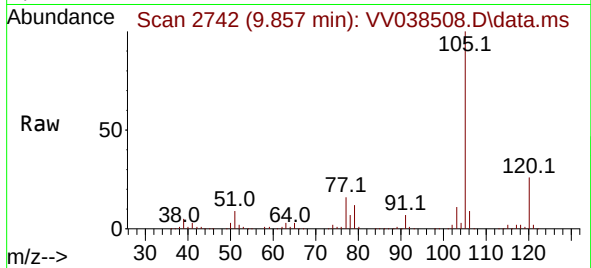




#60
Isopropylbenzene
Concen: 4.789 ug/L
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

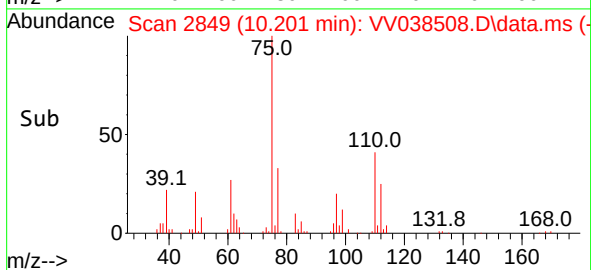
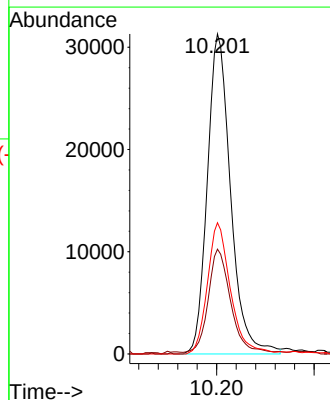
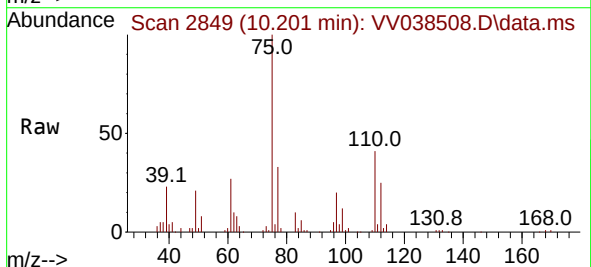
Instrument :
MSVOA_V
ClientSampleId :

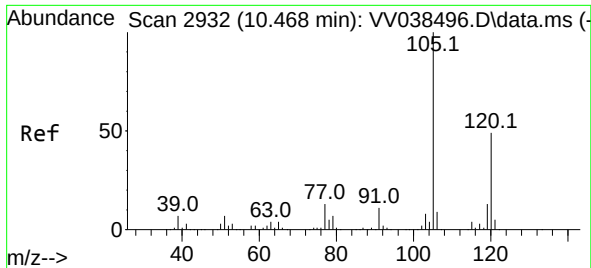
Tgt Ion:105 Resp: 376850
Ion Ratio Lower Upper
105 100
120 25.9 21.4 32.2
77 15.7 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 4.623 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.000 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

Tgt Ion: 75 Resp: 51947
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.0
110 40.5 32.6 48.8

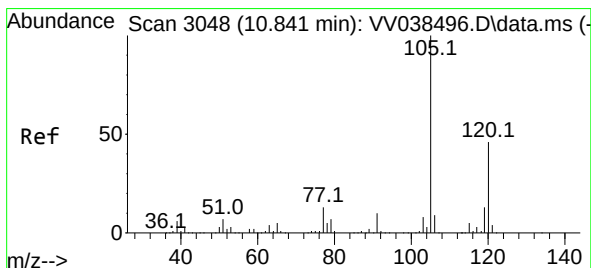
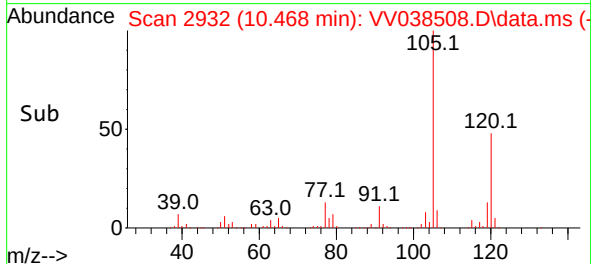
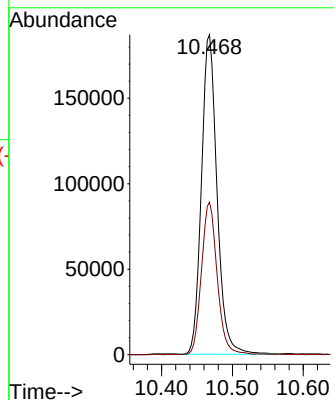
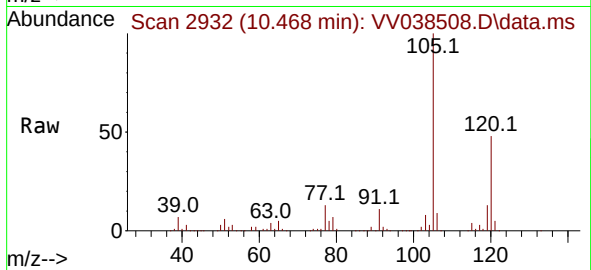




#62
 1,3,5-Trimethylbenzene
 Concen: 4.628 ug/L
 RT: 10.468 min Scan# 2932
 Delta R.T. 0.000 min
 Lab File: VV038508.D
 Acq: 22 Jan 2025 18:40

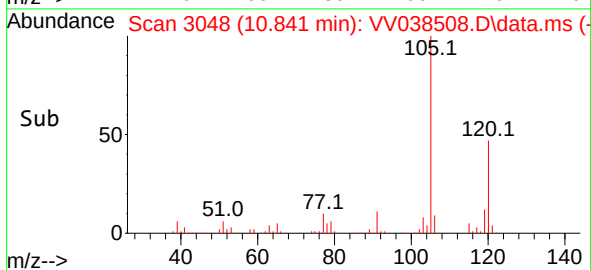
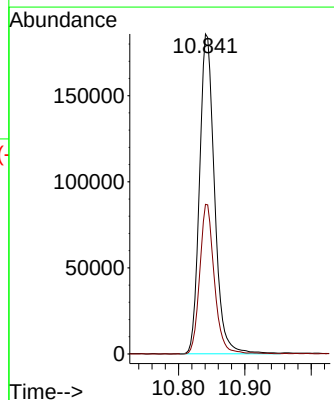
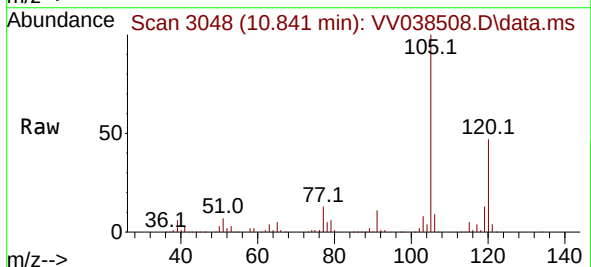
Instrument :
 MSVOA_V
 ClientSampleId :

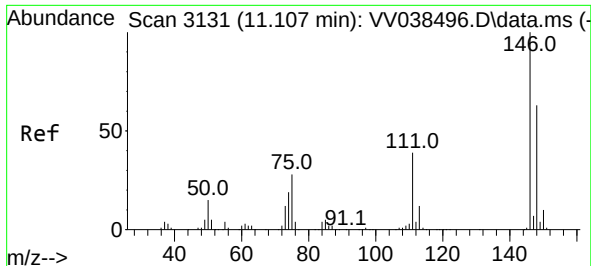
Tgt Ion:105 Resp: 285212
 Ion Ratio Lower Upper
 105 100
 120 47.9 39.4 59.0



#63
 1,2,4-Trimethylbenzene
 Concen: 4.737 ug/L
 RT: 10.841 min Scan# 3048
 Delta R.T. 0.000 min
 Lab File: VV038508.D
 Acq: 22 Jan 2025 18:40

Tgt Ion:105 Resp: 291582
 Ion Ratio Lower Upper
 105 100
 120 45.4 35.8 53.8

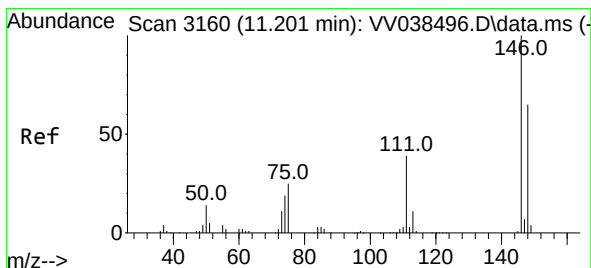
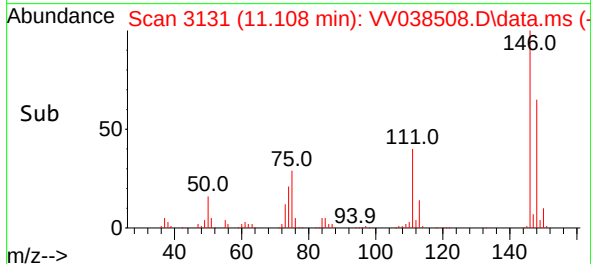
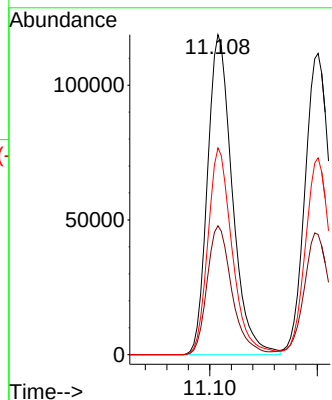
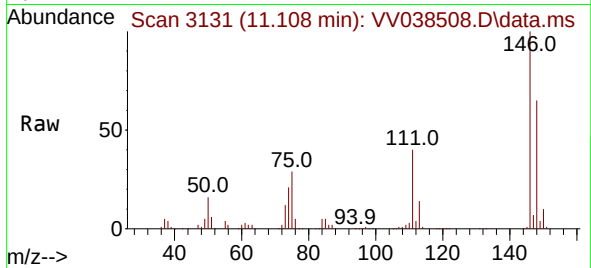




#64
1,3-Dichlorobenzene
Concen: 4.881 ug/L
RT: 11.108 min Scan# 3131
Delta R.T. 0.000 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

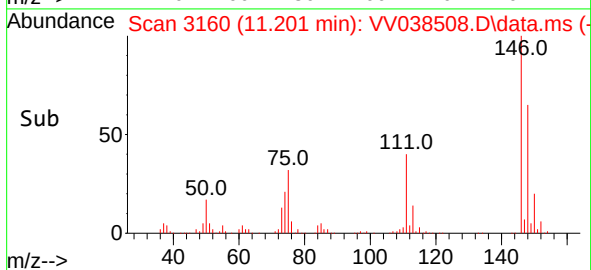
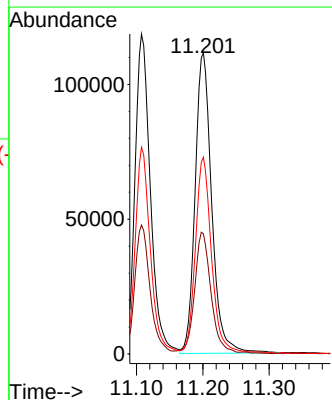
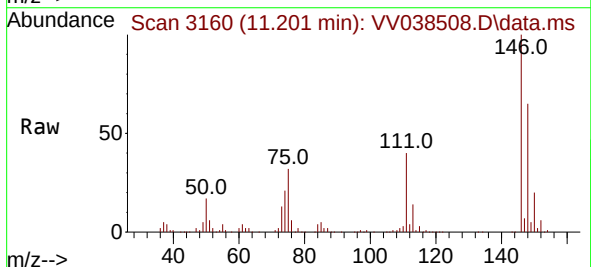
Instrument :
MSVOA_V
ClientSampleId :

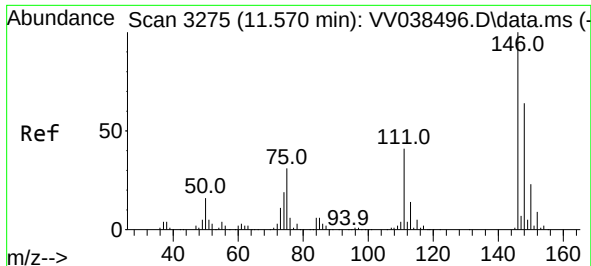
Tgt Ion:146 Resp: 190572
Ion Ratio Lower Upper
146 100
111 40.3 27.9 51.9
148 64.6 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 4.802 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

Tgt Ion:146 Resp: 193849
Ion Ratio Lower Upper
146 100
111 39.9 28.1 52.3
148 65.3 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 4.788 ug/L

RT: 11.571 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038508.D

Acq: 22 Jan 2025 18:40

Instrument :

MSVOA_V

ClientSampleId :

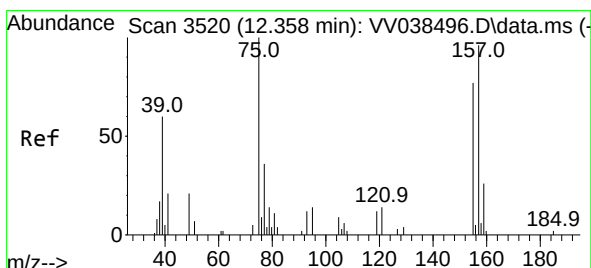
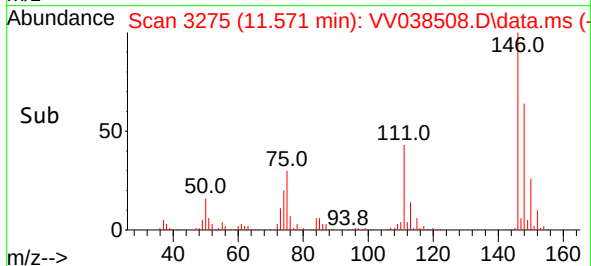
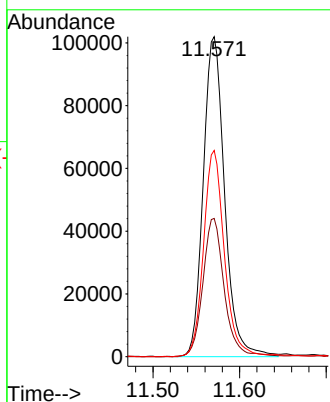
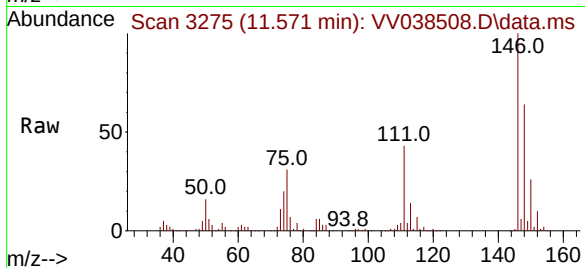
Tgt Ion:146 Resp: 175052

Ion Ratio Lower Upper

146 100

111 43.2 33.4 50.0

148 64.4 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 3.859 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV038508.D

Acq: 22 Jan 2025 18:40

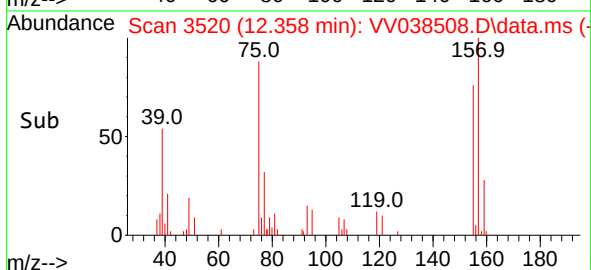
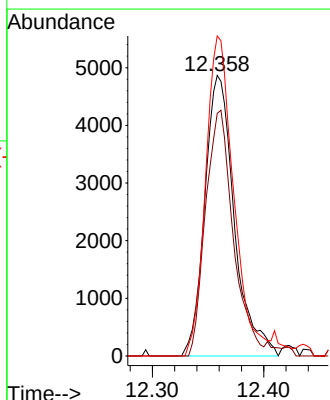
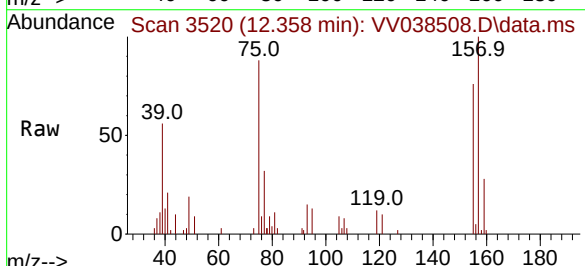
Tgt Ion: 75 Resp: 8964

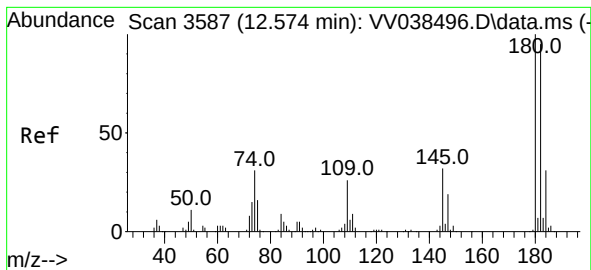
Ion Ratio Lower Upper

75 100

155 86.5 56.7 85.1#

157 114.1 74.4 111.6#





#69

1,3,5-Trichlorobenzene

Concen: 4.605 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

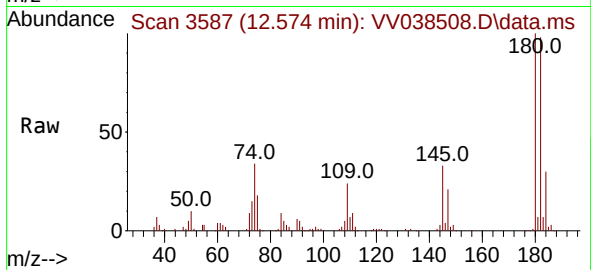
Lab File: VV038508.D

Acq: 22 Jan 2025 18:40

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 123673

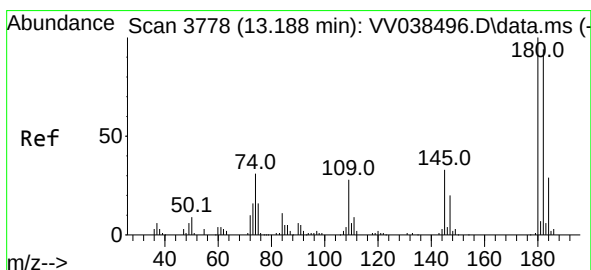
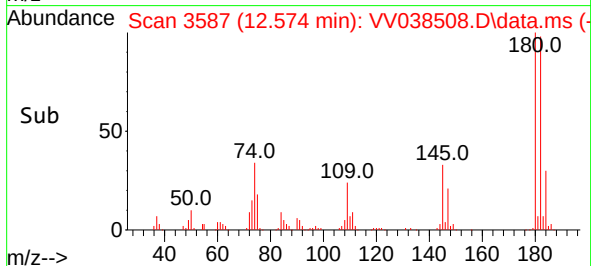
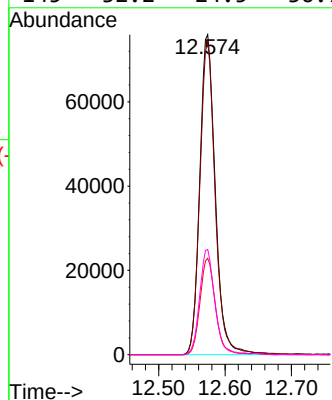
Ion Ratio Lower Upper

180 100

182 96.2 74.3 111.5

184 29.7 23.2 34.8

145 32.2 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.374 ug/L

RT: 13.188 min Scan# 3778

Delta R.T. 0.000 min

Lab File: VV038508.D

Acq: 22 Jan 2025 18:40

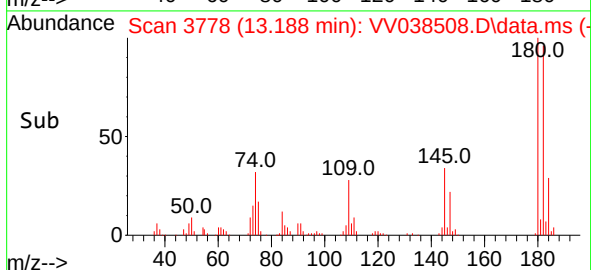
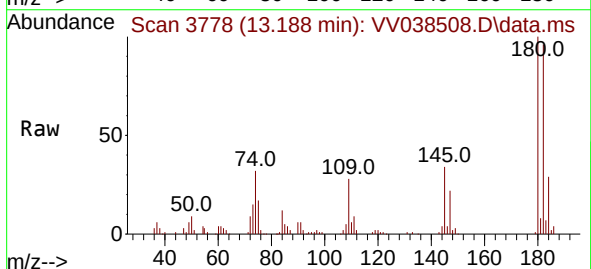
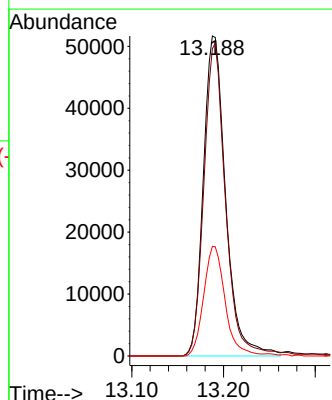
Tgt Ion:180 Resp: 87293

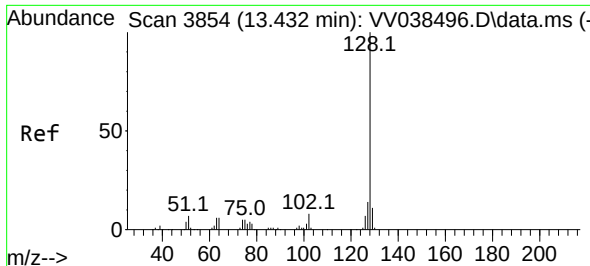
Ion Ratio Lower Upper

180 100

182 94.8 77.5 116.3

145 32.9 26.2 39.4

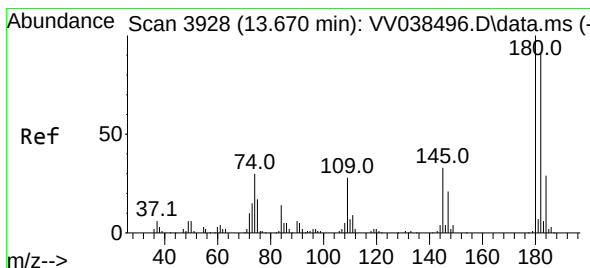
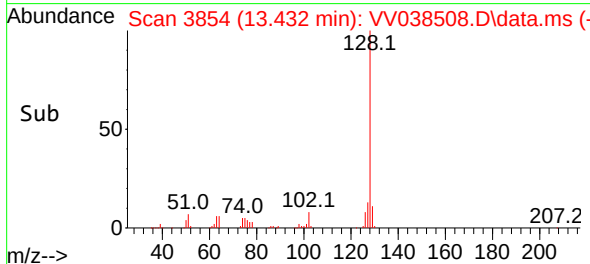
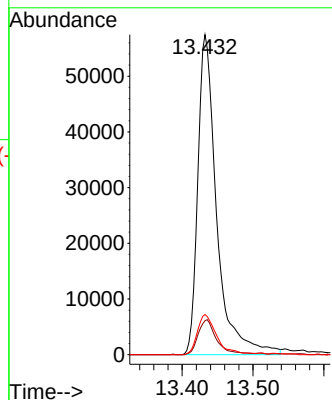
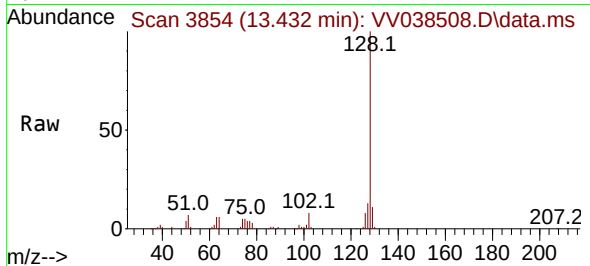




#71
Naphthalene
Concen: 3.600 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. 0.000 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 106428
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 12.7 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 4.563 ug/L
RT: 13.670 min Scan# 3928
Delta R.T. 0.000 min
Lab File: VV038508.D
Acq: 22 Jan 2025 18:40

Tgt Ion:180 Resp: 78749
Ion Ratio Lower Upper
180 100
182 92.4 77.0 115.6
145 33.5 27.1 40.7

