

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW021025\
 Data File : VW038662.D
 Acq On : 10 Feb 2025 11:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 14 11:31:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 12 13:18:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	248369	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	235135	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	121510	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	92603	3.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	1.532	69	74117	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.60%
11) 1,1-Dichloroethene-d2	2.053	65	40068	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.796	46	175256	39.30	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.60%
24) Chloroform-d	4.236	84	173280	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	4.934	65	76120	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
32) Benzene-d6	4.950	84	334547	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	5.979	67	99498	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.233	98	304271	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloroprop...	7.548	79	33089	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.018	63	141021	48.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.30%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	71193	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
66) 1,2-Dichlorobenzene-d4	11.551	152	99036	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.108	85	129106	4.38	ug/L	100
3) Chloromethane	1.214	50	113231	4.09	ug/L	99
5) Vinyl chloride	1.281	62	126983	4.33	ug/L	98
6) Bromomethane	1.487	94	57533	4.55	ug/L	96
8) Chloroethane	1.548	64	74390	4.10	ug/L	98
9) Trichlorofluoromethane	1.709	101	164164	4.19	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	100293	4.61	ug/L	100
12) 1,1-Dichloroethene	2.066	96	90650	4.29	ug/L	95
13) Acetone	2.130	43	122070	37.27	ug/L	99
14) Carbon disulfide	2.236	76	313425	4.50	ug/L	99
15) Methyl Acetate	2.381	43	33817	4.01	ug/L	99
16) Methylene chloride	2.442	84	98196	4.08	ug/L	97
17) Methyl tert-butyl Ether	2.696	73	203160	4.70	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	100826	4.77	ug/L	97
19) 1,1-Dichloroethane	3.101	63	186565	4.58	ug/L	98
21) 2-Butanone	3.876	43	193785	39.42	ug/L	99
22) cis-1,2-Dichloroethene	3.802	96	104631	4.80	ug/L	94
23) Bromochloromethane	4.140	128	41799	4.03	ug/L	91
25) Chloroform	4.265	83	183126	4.50	ug/L	94

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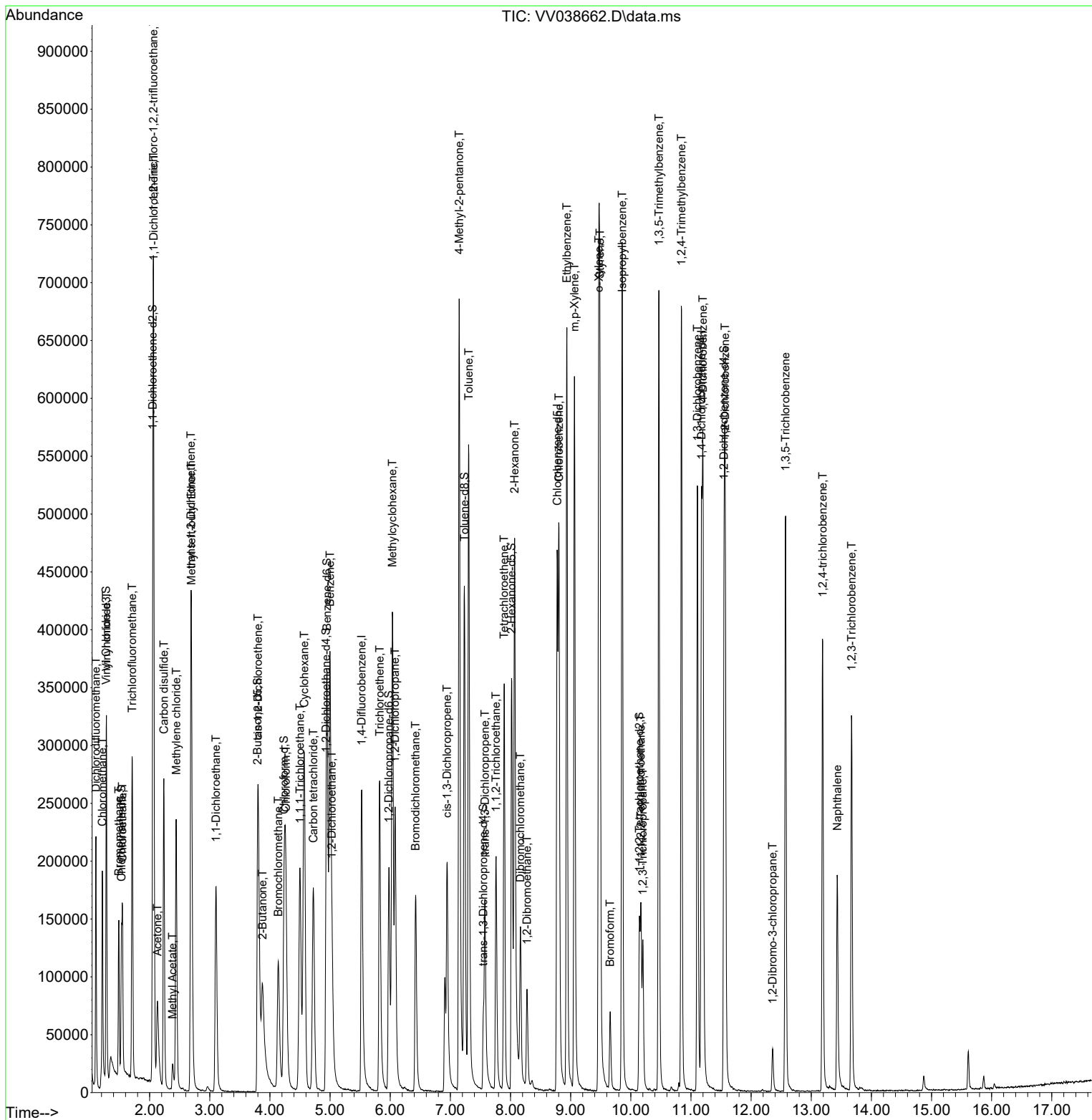
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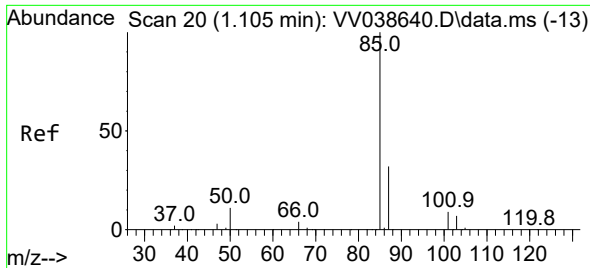
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.031	62	99838	4.17	ug/L	97
29) 1,1,1-Trichloroethane	4.500	97	163113	4.92	ug/L	99
30) Cyclohexane	4.571	56	167697	5.86	ug/L	99
31) Carbon tetrachloride	4.722	117	138960	4.80	ug/L	100
33) Benzene	4.998	78	405273	5.45	ug/L	100
34) Trichloroethene	5.825	95	103393	5.41	ug/L	98
35) Methylcyclohexane	6.037	83	174731	5.81	ug/L	98
37) 1,2-Dichloropropane	6.082	63	100125	5.32	ug/L	99
38) Bromodichloromethane	6.423	83	124424	4.81	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	139776	5.46	ug/L	98
40) 4-Methyl-2-pentanone	7.146	43	492684	49.87	ug/L	100
42) Toluene	7.304	91	427573	5.41	ug/L	97
44) trans-1,3-Dichloropropene	7.574	75	104336	4.84	ug/L	97
45) 1,1,2-Trichloroethane	7.760	97	65577	4.46	ug/L	97
47) Tetrachloroethene	7.895	164	75073	5.05	ug/L	95
48) 2-Hexanone	8.069	43	341166	46.80	ug/L	98
49) Dibromochloromethane	8.165	129	68336	4.19	ug/L	96
50) 1,2-Dibromoethane	8.275	107	61787	4.54	ug/L	93
51) Chlorobenzene	8.805	112	272227	5.24	ug/L	98
52) Ethylbenzene	8.937	91	468942	5.59	ug/L	99
53) m,p-Xylene	9.063	106	176555	5.71	ug/L	99
54) o-Xylene	9.468	106	169477	5.62	ug/L	97
55) Styrene	9.487	104	290987	5.71	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	77896	4.30	ug/L	98
59) Bromoform	9.657	173	29673	3.65	ug/L	98
60) Isopropylbenzene	9.857	105	469005	5.86	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	52916	4.23	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	368544	5.85	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	373876	5.97	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	212996	5.32	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	210145	5.16	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	185976	4.96	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	10573	4.15	ug/L	99
69) 1,3,5-Trichlorobenzene	12.574	180	143319	5.46	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	115183	5.80	ug/L	99
71) Naphthalene	13.432	128	160454	5.05	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	97019	5.28	ug/L	99

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

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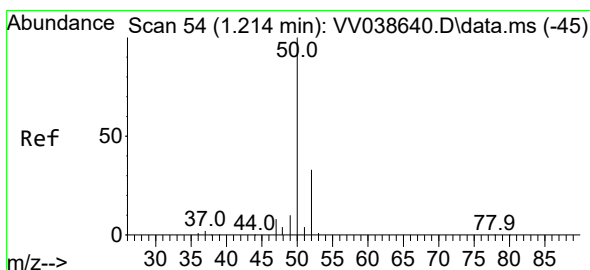
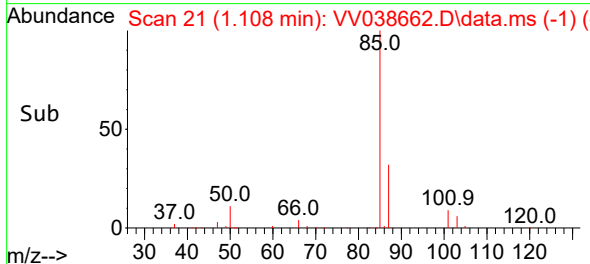
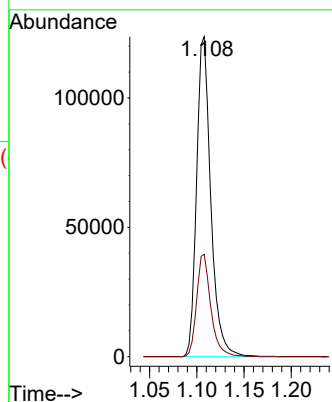
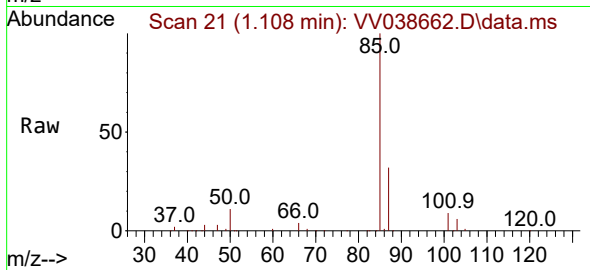




#2
 Dichlorodifluoromethane
 Concen: 4.38 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV038662.D
 Acq: 10 Feb 2025 11:41

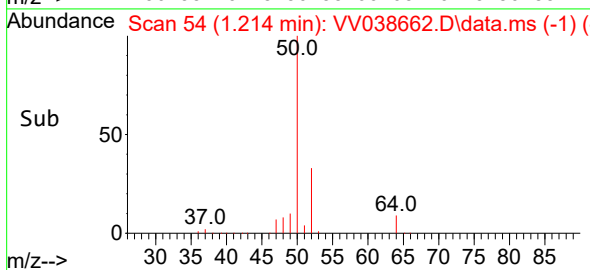
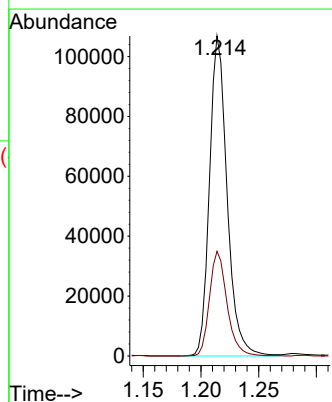
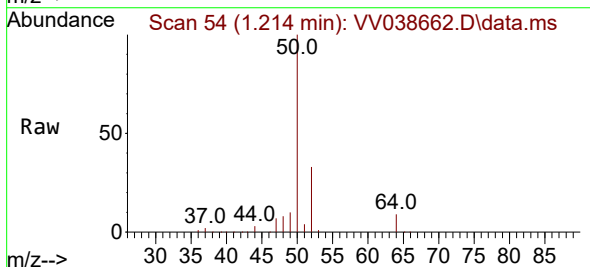
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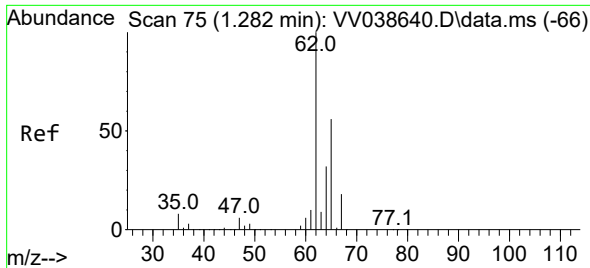
Tgt Ion: 85 Resp: 129106
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.5 38.3



#3
 Chloromethane
 Concen: 4.09 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV038662.D
 Acq: 10 Feb 2025 11:41

Tgt Ion: 50 Resp: 113231
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.2 43.2

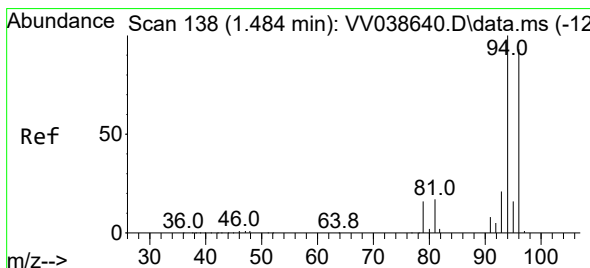
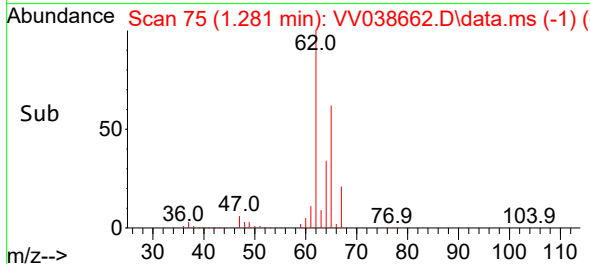
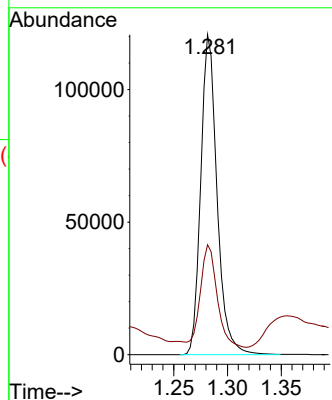
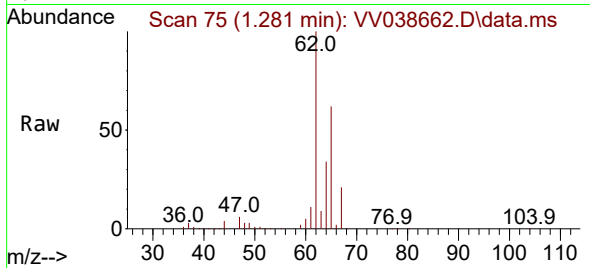




#5
 Vinyl chloride
 Concen: 4.33 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV038662.D
 Acq: 10 Feb 2025 11:41

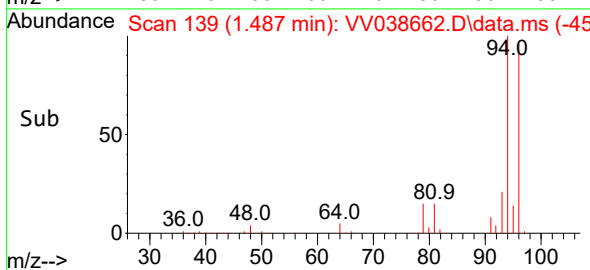
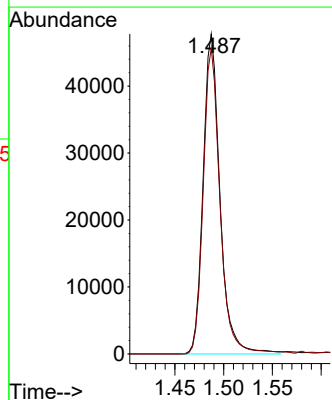
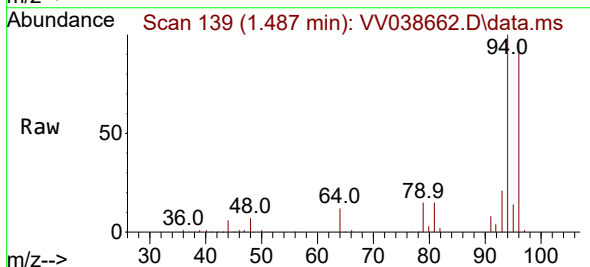
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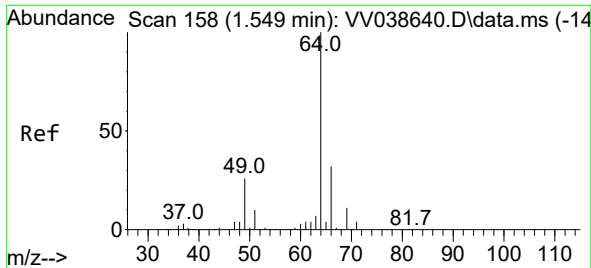
Tgt Ion: 62 Resp: 126983
 Ion Ratio Lower Upper
 62 100
 64 34.4 25.0 46.4



#6
 Bromomethane
 Concen: 4.55 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV038662.D
 Acq: 10 Feb 2025 11:41

Tgt Ion: 94 Resp: 57533
 Ion Ratio Lower Upper
 94 100
 96 95.5 64.3 119.3

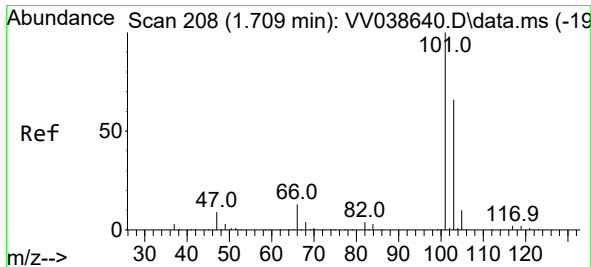
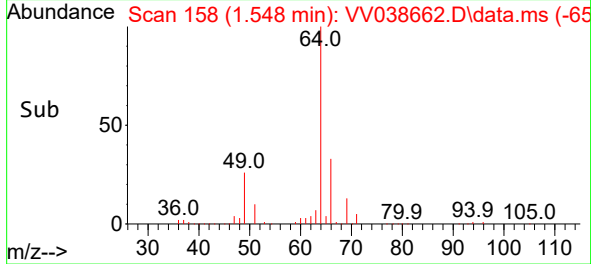
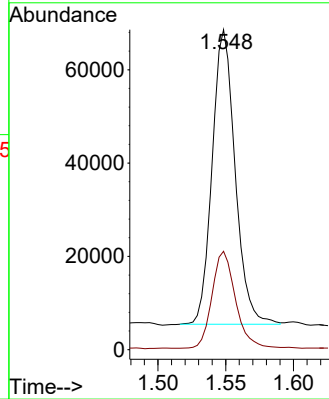
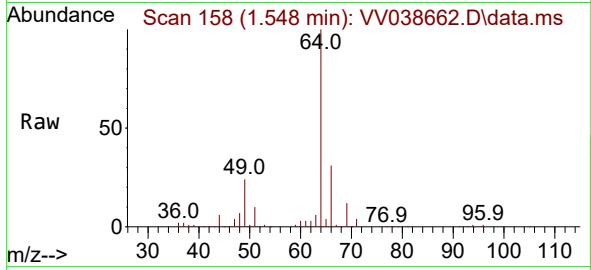




#8
Chloroethane
Concen: 4.10 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

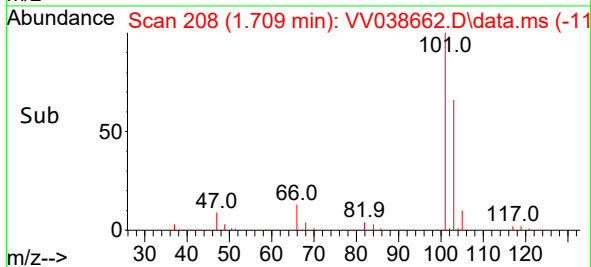
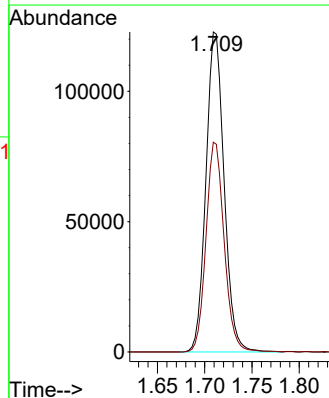
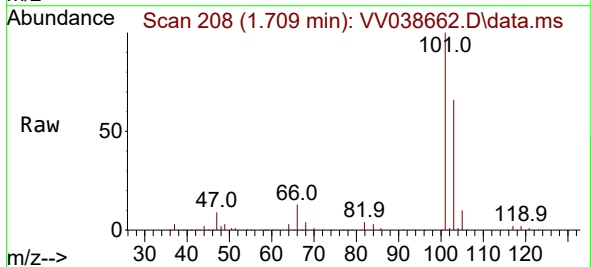
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ClientSampleId :

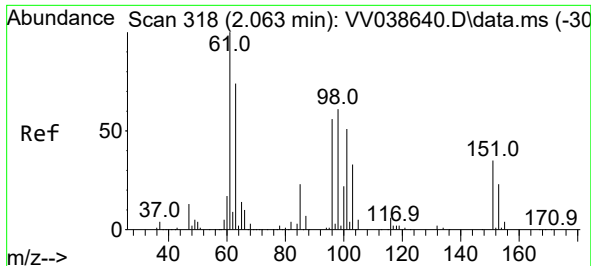
Tgt Ion: 64 Resp: 74390
Ion Ratio Lower Upper
64 100
66 30.7 20.9 38.7



#9
Trichlorofluoromethane
Concen: 4.19 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

Tgt Ion:101 Resp: 164164
Ion Ratio Lower Upper
101 100
103 65.5 52.4 78.6

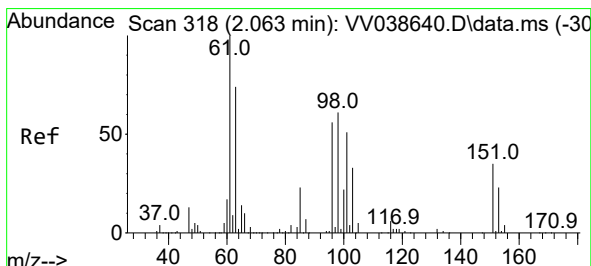
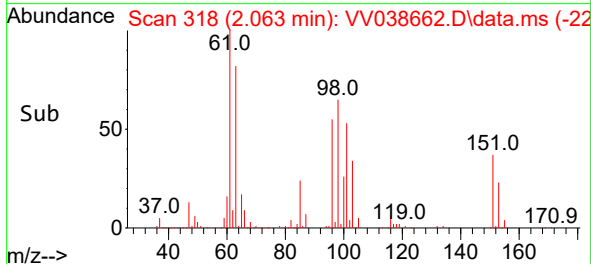
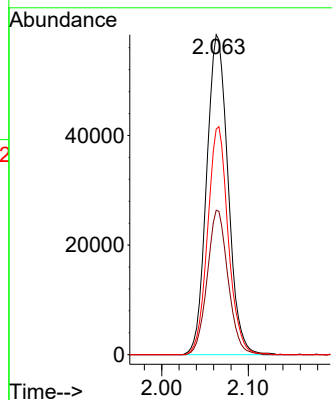
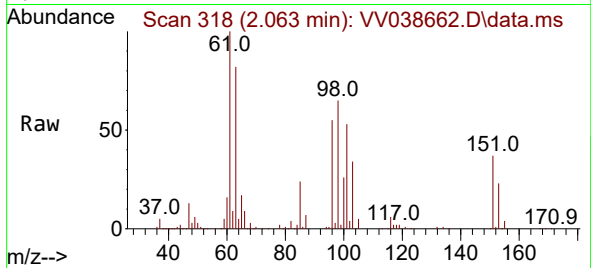




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.61 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038662.D
 Acq: 10 Feb 2025 11:41

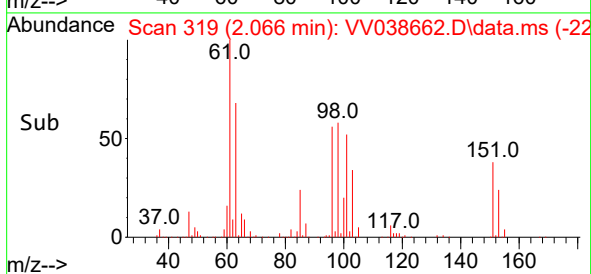
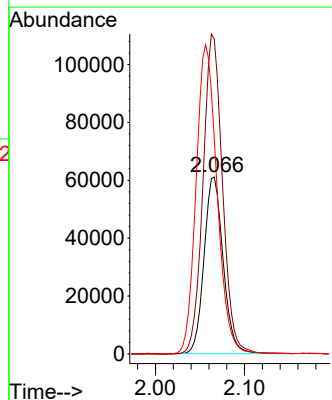
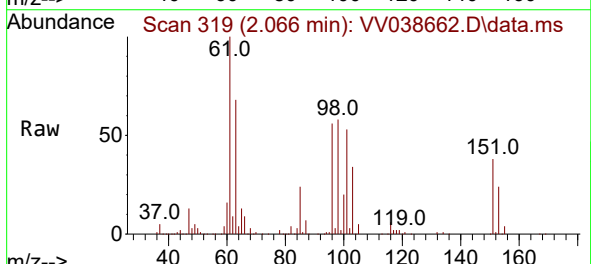
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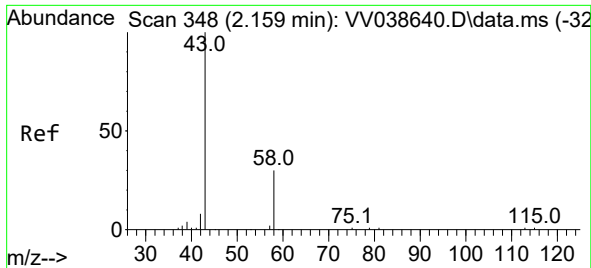
Tgt Ion:101 Resp: 100293
 Ion Ratio Lower Upper
 101 100
 85 43.9 35.0 52.4
 151 68.8 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 4.29 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.003 min
 Lab File: VV038662.D
 Acq: 10 Feb 2025 11:41

Tgt Ion: 96 Resp: 90650
 Ion Ratio Lower Upper
 96 100
 61 178.1 122.8 228.1
 63 121.9 92.0 170.8

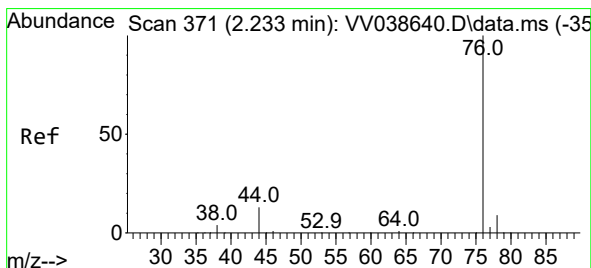
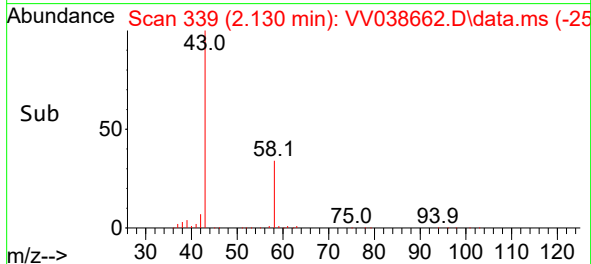
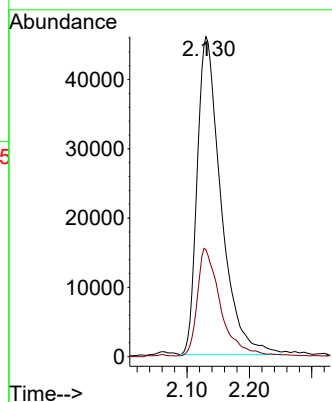
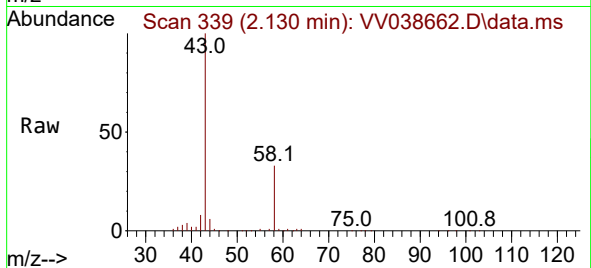




#13
Acetone
Concen: 37.27 ug/L
RT: 2.130 min Scan# 31
Delta R.T. -0.029 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

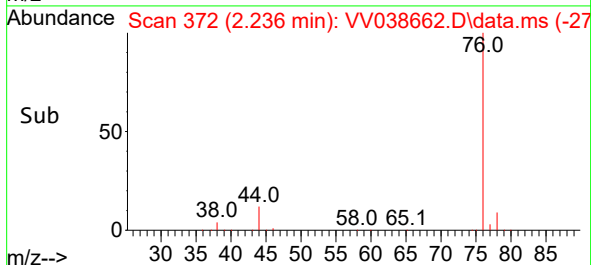
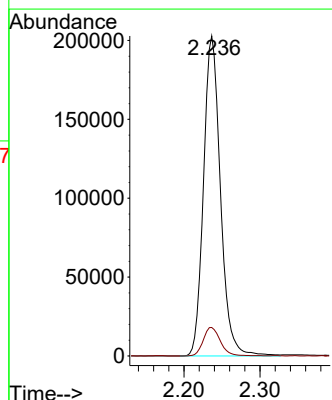
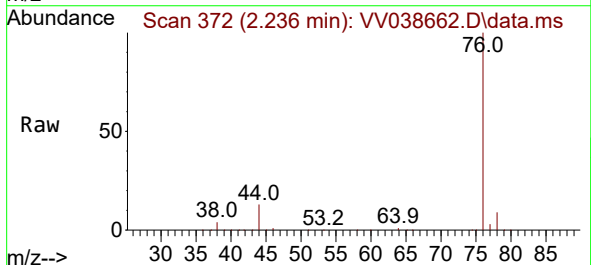
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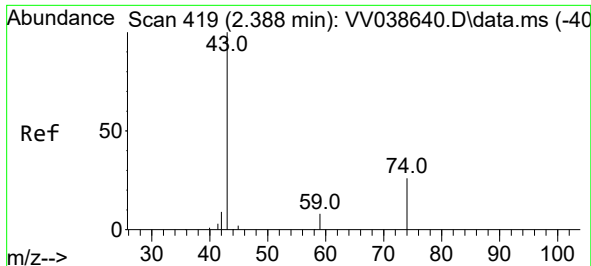
Tgt Ion: 43 Resp: 122070
Ion Ratio Lower Upper
43 100
58 33.3 0.0 67.4



#14
Carbon disulfide
Concen: 4.50 ug/L
RT: 2.236 min Scan# 372
Delta R.T. 0.003 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

Tgt Ion: 76 Resp: 313425
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

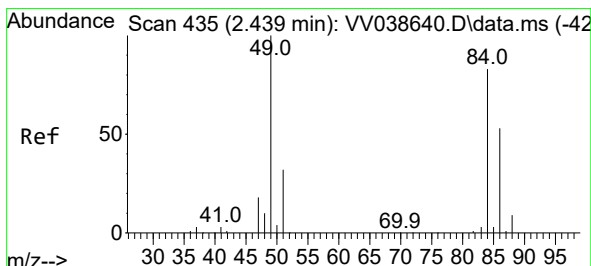
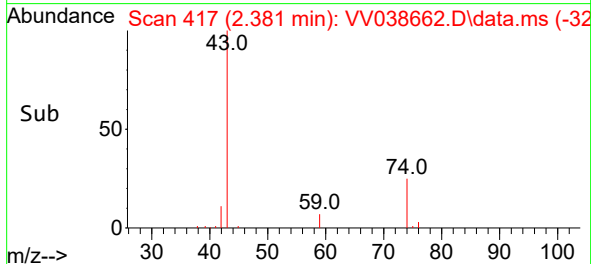
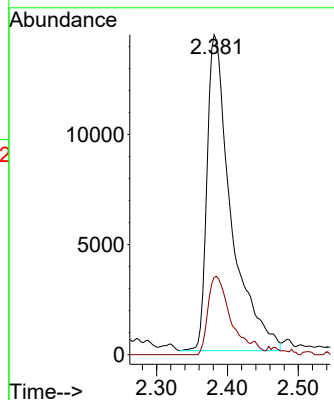
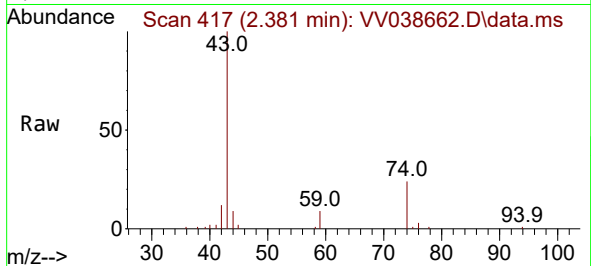




#15
Methyl Acetate
Concen: 4.01 ug/L
RT: 2.381 min Scan# 419
Delta R.T. -0.007 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

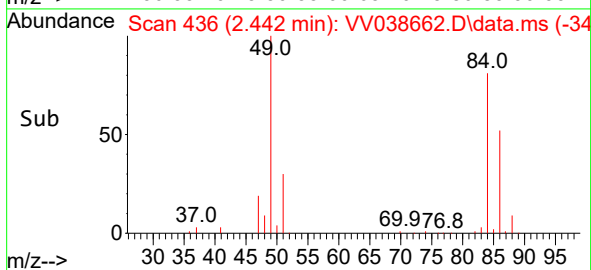
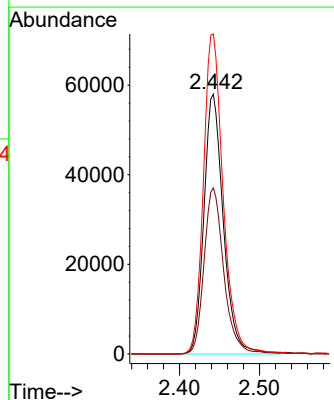
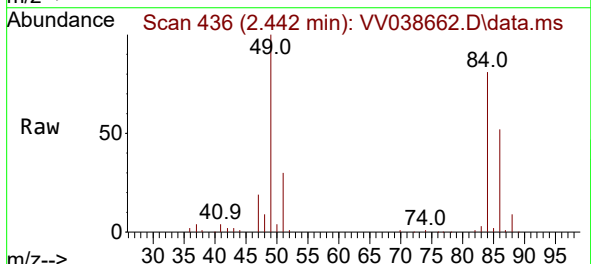
Instrument :
MSVOA_V
ClientSampleId :

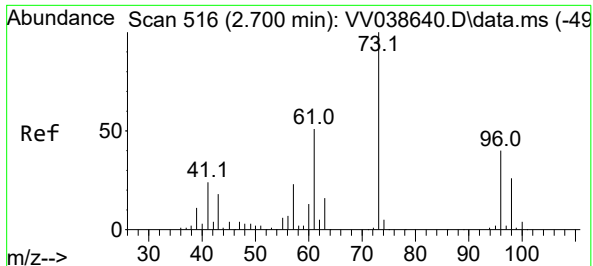
Tgt Ion: 43 Resp: 33817
Ion Ratio Lower Upper
43 100
74 22.8 18.6 27.8



#16
Methylene chloride
Concen: 4.08 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

Tgt Ion: 84 Resp: 98196
Ion Ratio Lower Upper
84 100
86 63.9 46.0 85.4
49 123.1 83.9 155.9

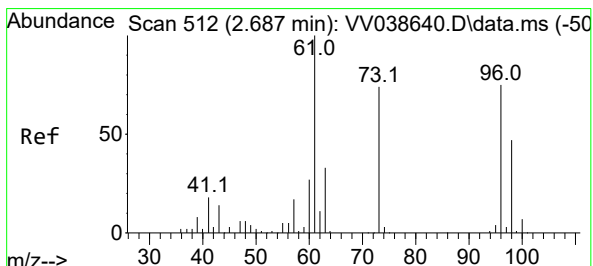
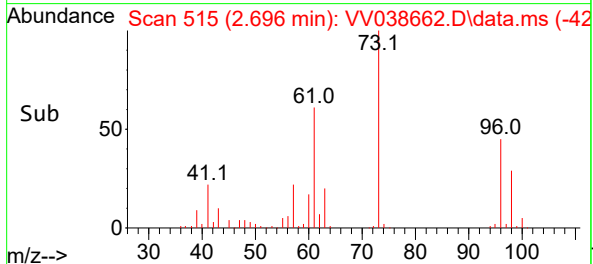
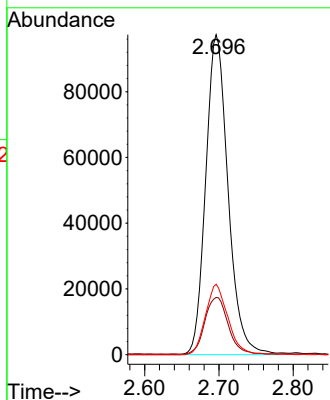
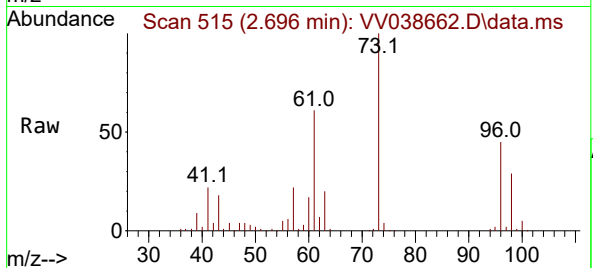




#17
Methyl tert-butyl Ether
Concen: 4.70 ug/L
RT: 2.696 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

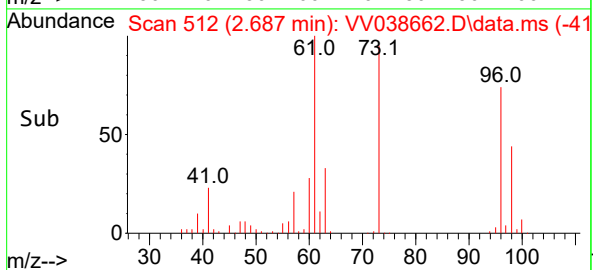
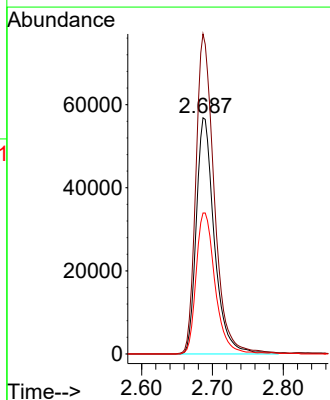
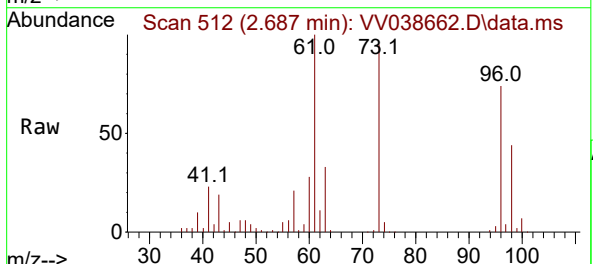
Instrument :
MSVOA_V
ClientSampleId :

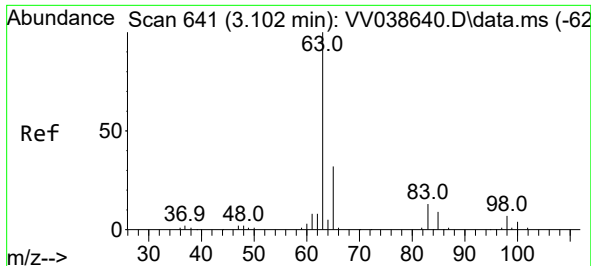
Tgt Ion: 73 Resp: 203160
Ion Ratio Lower Upper
73 100
43 18.4 14.6 22.0
57 22.1 18.2 27.2



#18
trans-1,2-Dichloroethene
Concen: 4.77 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

Tgt Ion: 96 Resp: 100826
Ion Ratio Lower Upper
96 100
61 135.5 91.4 169.8
98 59.7 41.6 77.2





#19

1,1-Dichloroethane

Concen: 4.58 ug/L

RT: 3.101 min Scan# 641

Delta R.T. -0.000 min

Lab File: VV038662.D

Acq: 10 Feb 2025 11:41

Instrument :

MSVOA_V

ClientSampleId :

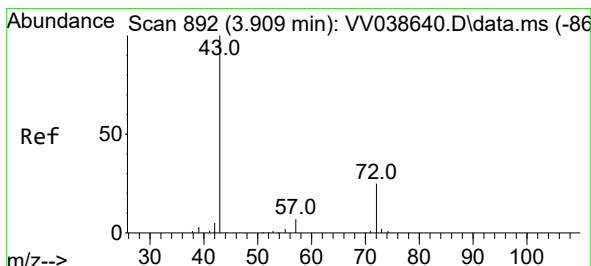
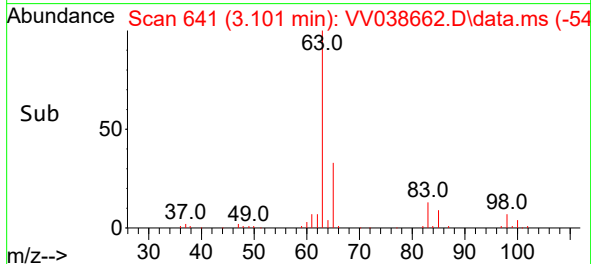
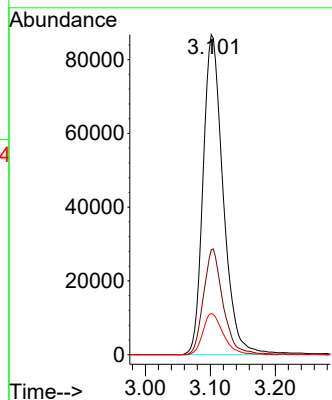
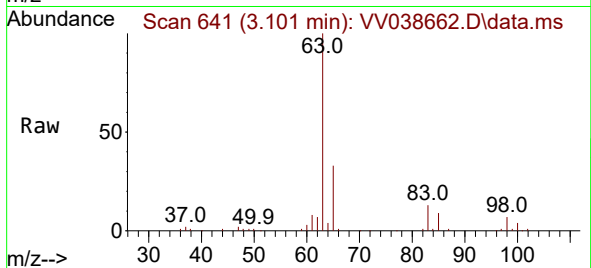
Tgt Ion: 63 Resp: 186565

Ion Ratio Lower Upper

63 100

65 32.8 21.8 40.4

83 12.9 9.2 17.2



#21

2-Butanone

Concen: 39.42 ug/L

RT: 3.876 min Scan# 882

Delta R.T. -0.032 min

Lab File: VV038662.D

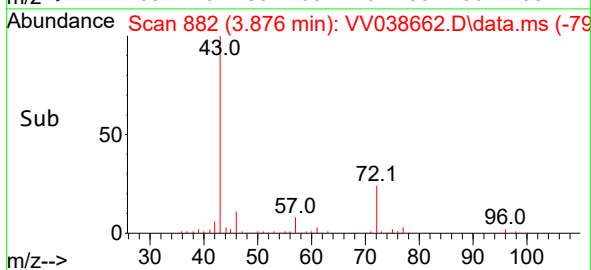
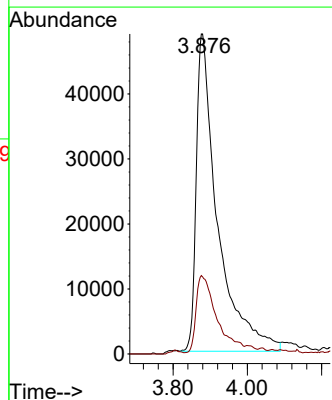
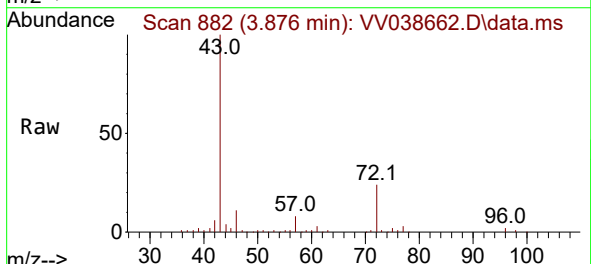
Acq: 10 Feb 2025 11:41

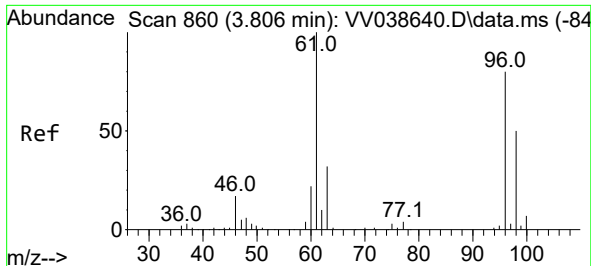
Tgt Ion: 43 Resp: 193785

Ion Ratio Lower Upper

43 100

72 23.4 11.9 35.5





#22

cis-1,2-Dichloroethene

Concen: 4.80 ug/L

RT: 3.802 min Scan# 81

Delta R.T. -0.003 min

Lab File: VV038662.D

Acq: 10 Feb 2025 11:41

Instrument :

MSVOA_V

ClientSampleId :

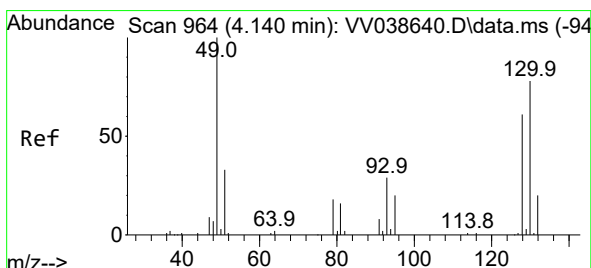
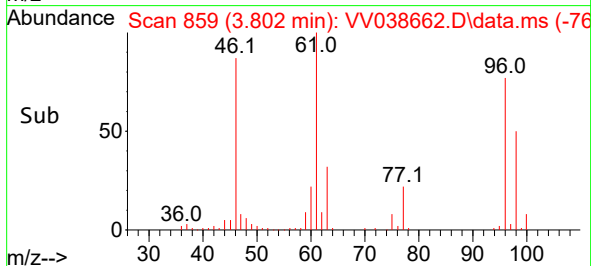
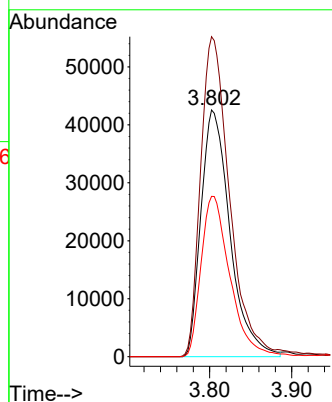
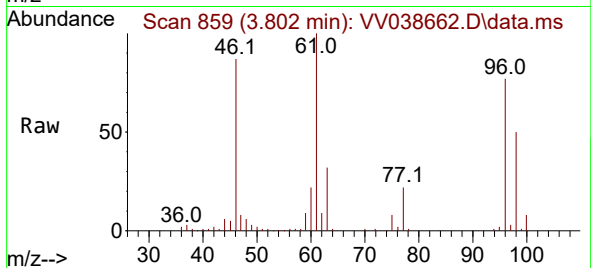
Tgt Ion: 96 Resp: 104631

Ion Ratio Lower Upper

96 100

61 129.7 83.6 155.2

98 65.0 45.6 84.8



#23

Bromochloromethane

Concen: 4.03 ug/L

RT: 4.140 min Scan# 964

Delta R.T. -0.000 min

Lab File: VV038662.D

Acq: 10 Feb 2025 11:41

Tgt Ion:128 Resp: 41799

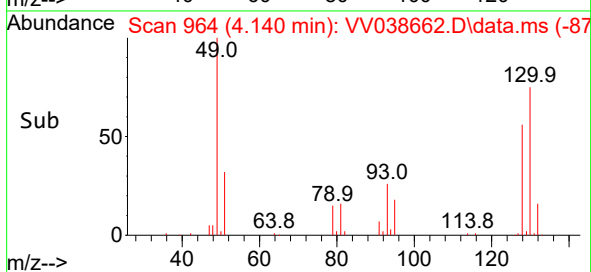
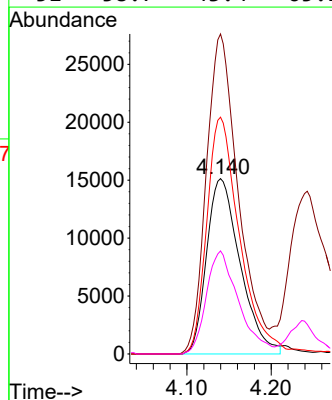
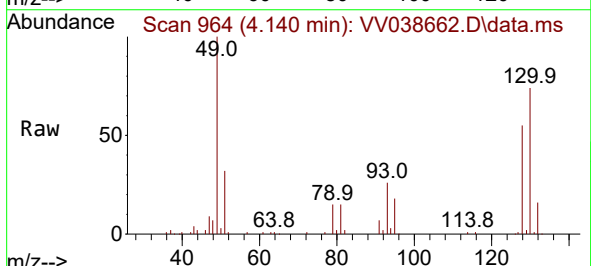
Ion Ratio Lower Upper

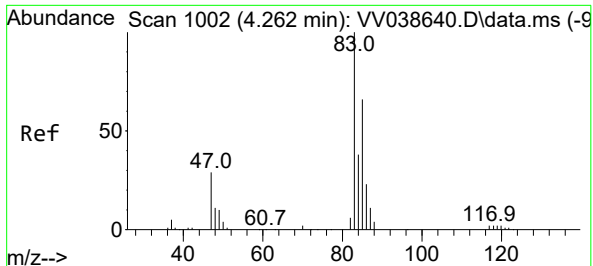
128 100

49 182.5 116.0 215.4

130 135.1 90.2 167.6

51 58.7 43.4 65.2

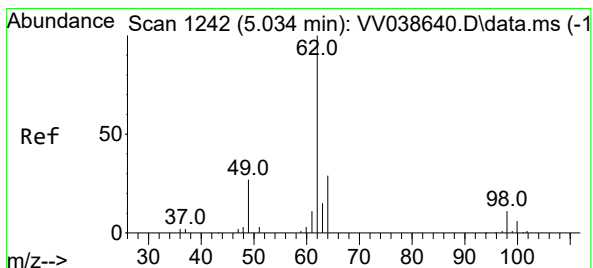
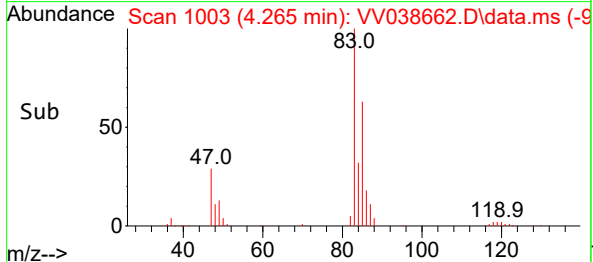
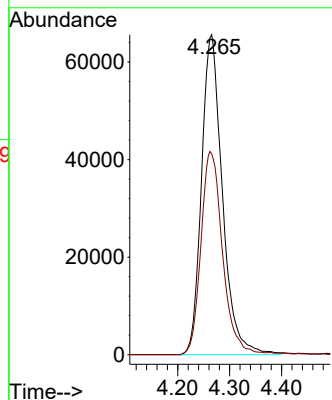
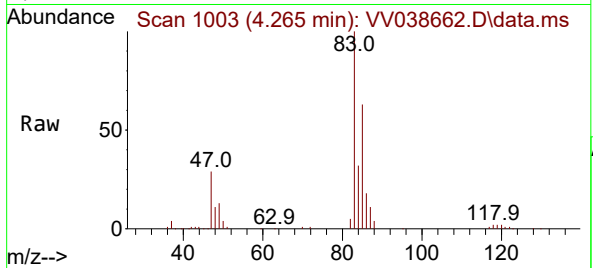




#25
Chloroform
Concen: 4.50 ug/L
RT: 4.265 min Scan# 1002
Delta R.T. 0.003 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

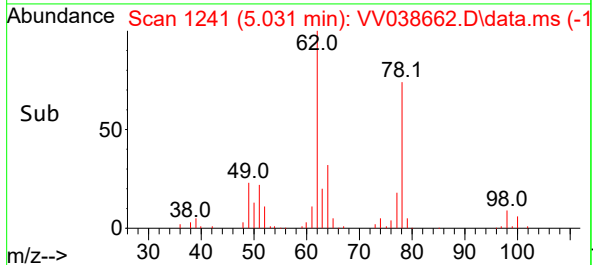
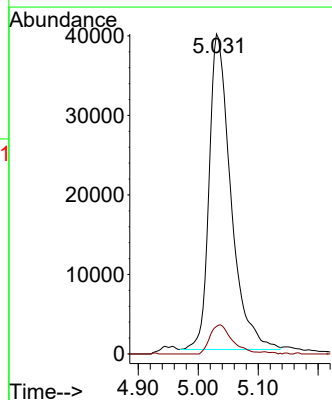
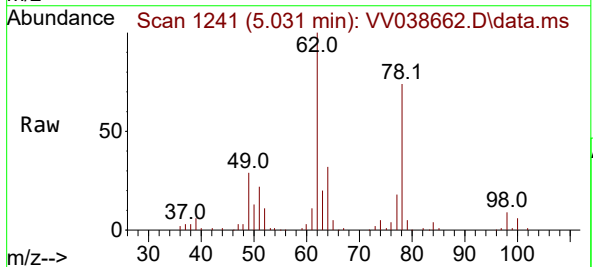
Instrument :
MSVOA_V
ClientSampleId :

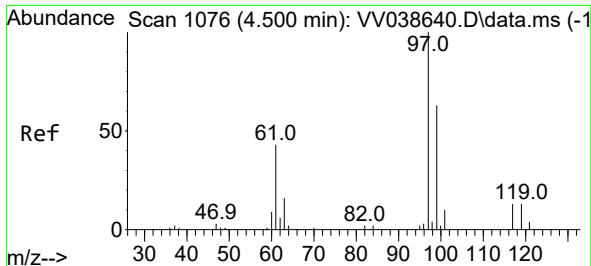
Tgt Ion: 83 Resp: 183126
Ion Ratio Lower Upper
83 100
85 62.7 47.2 87.6



#27
1,2-Dichloroethane
Concen: 4.17 ug/L
RT: 5.031 min Scan# 1241
Delta R.T. -0.003 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

Tgt Ion: 62 Resp: 99838
Ion Ratio Lower Upper
62 100
98 8.6 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 4.92 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VV038662.D

Acq: 10 Feb 2025 11:41

Instrument :

MSVOA_V

ClientSampleId :

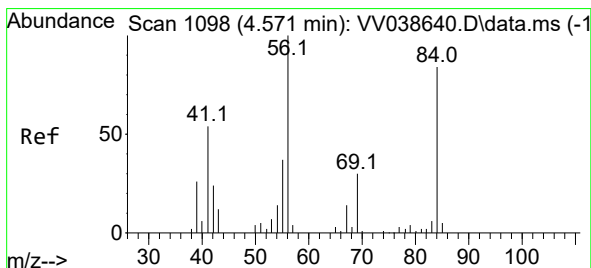
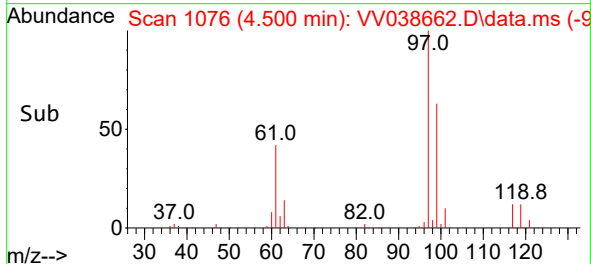
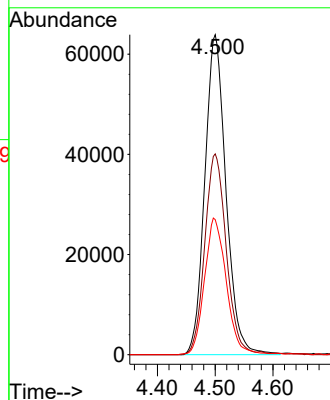
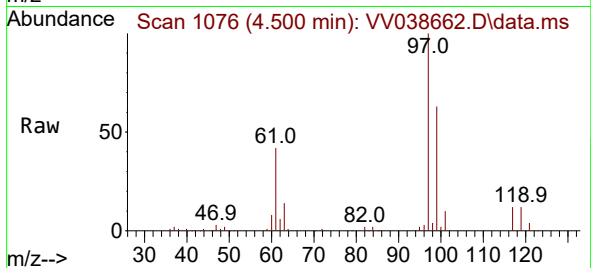
Tgt Ion: 97 Resp: 163113

Ion Ratio Lower Upper

97 100

99 63.4 50.9 76.3

61 43.9 35.8 53.6



#30

Cyclohexane

Concen: 5.86 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VV038662.D

Acq: 10 Feb 2025 11:41

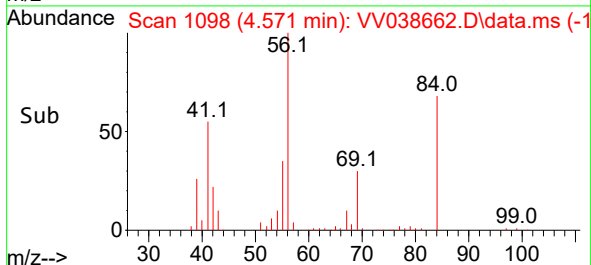
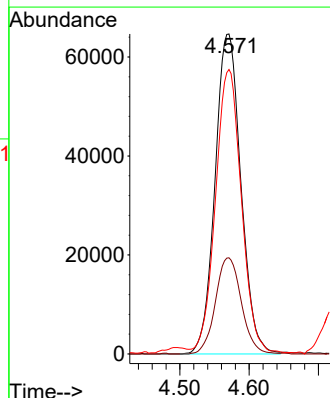
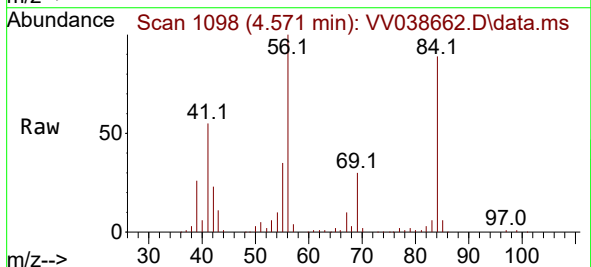
Tgt Ion: 56 Resp: 167697

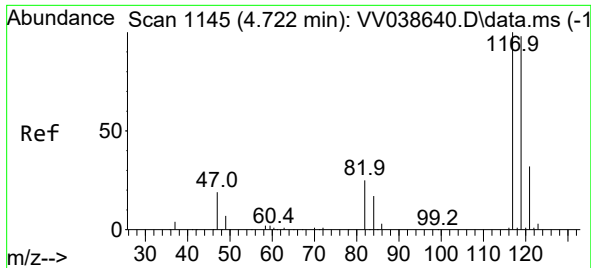
Ion Ratio Lower Upper

56 100

69 30.1 24.0 36.0

84 89.2 72.7 109.1

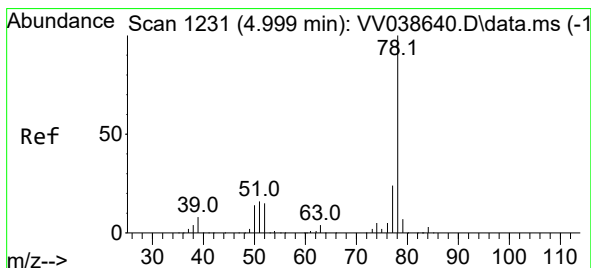
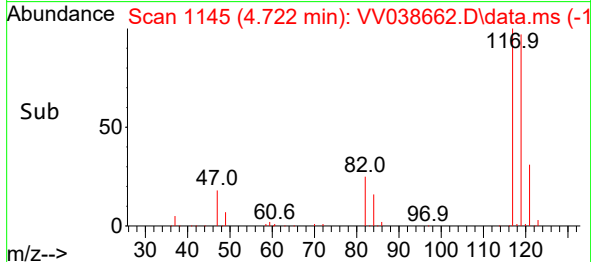
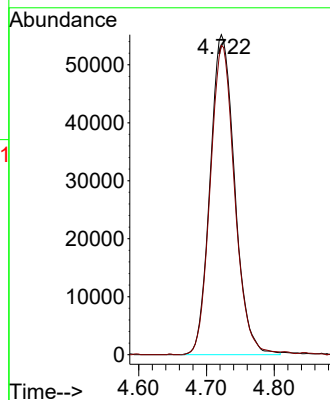
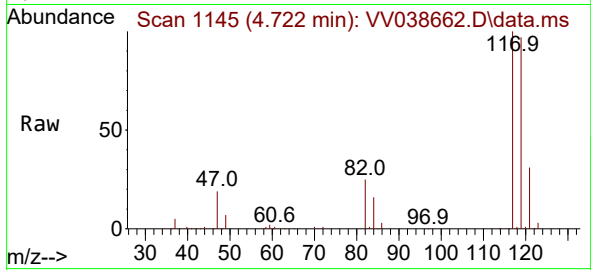




#31
Carbon tetrachloride
Concen: 4.80 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

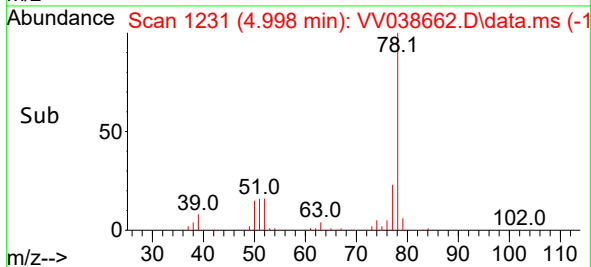
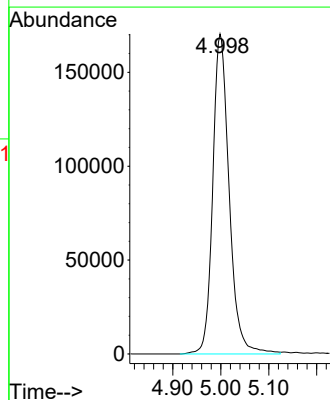
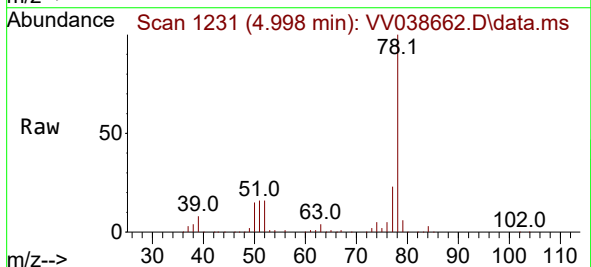
Instrument :
MSVOA_V
ClientSampleId :

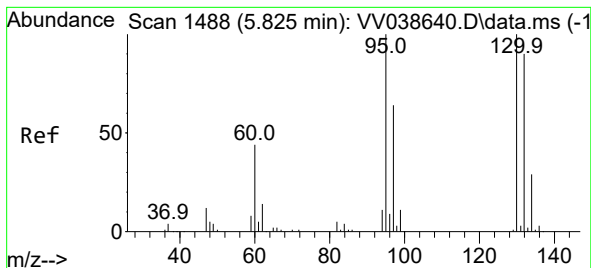
Tgt Ion:117 Resp: 138960
Ion Ratio Lower Upper
117 100
119 96.1 76.5 114.7



#33
Benzene
Concen: 5.45 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

Tgt Ion: 78 Resp: 405273





#34

Trichloroethene

Concen: 5.41 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VV038662.D

Acq: 10 Feb 2025 11:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 103393

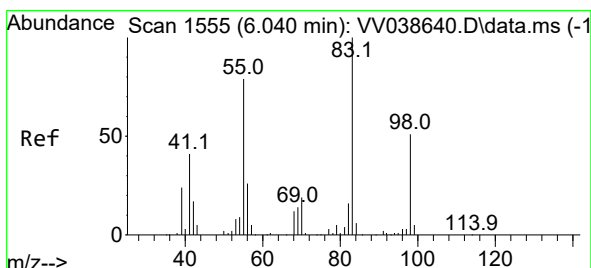
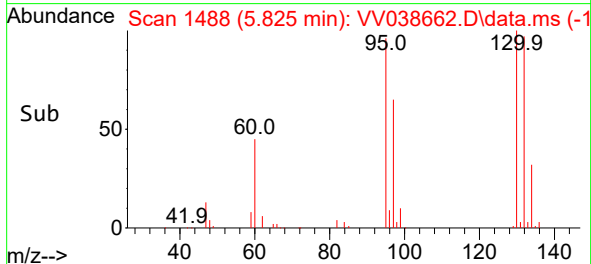
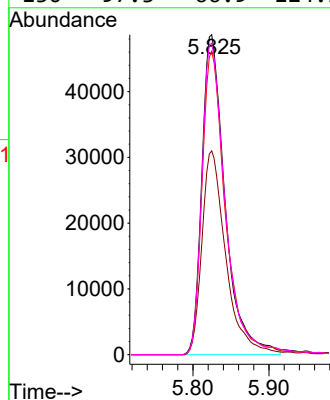
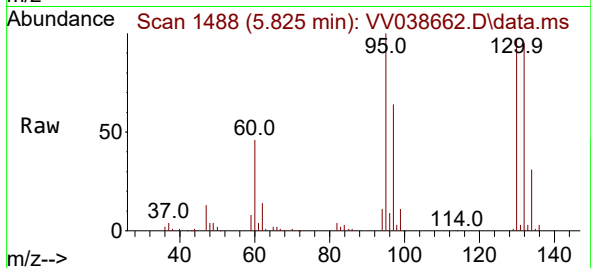
Ion Ratio Lower Upper

95 100

97 63.7 43.5 80.9

132 94.8 64.0 118.8

130 97.3 66.9 124.3



#35

Methylcyclohexane

Concen: 5.81 ug/L

RT: 6.037 min Scan# 1554

Delta R.T. -0.003 min

Lab File: VV038662.D

Acq: 10 Feb 2025 11:41

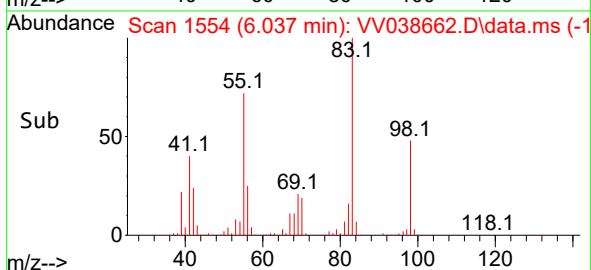
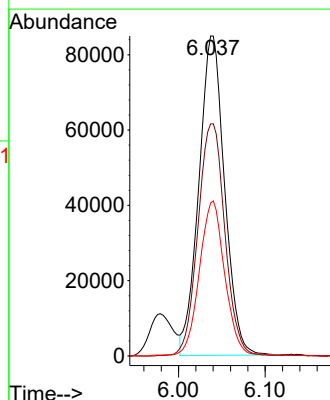
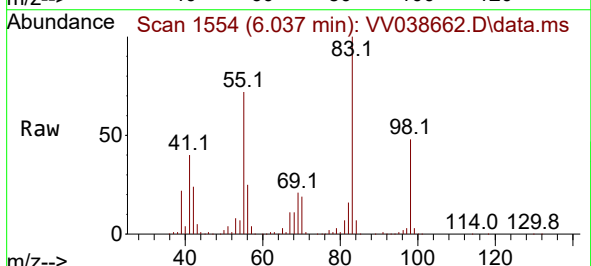
Tgt Ion: 83 Resp: 174731

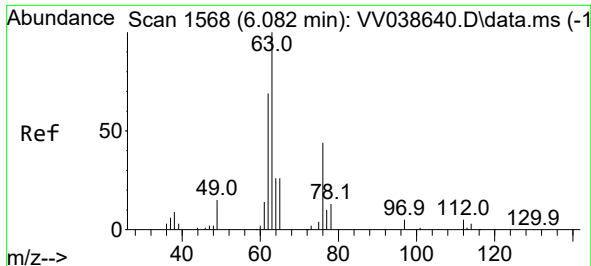
Ion Ratio Lower Upper

83 100

55 76.2 62.6 94.0

98 48.2 38.7 58.1





#37

1,2-Dichloropropane

Concen: 5.32 ug/L

RT: 6.082 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038662.D

Acq: 10 Feb 2025 11:41

Instrument :

MSVOA_V

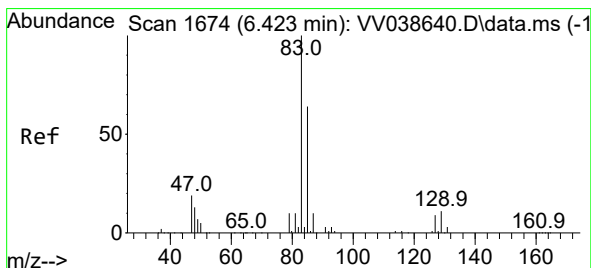
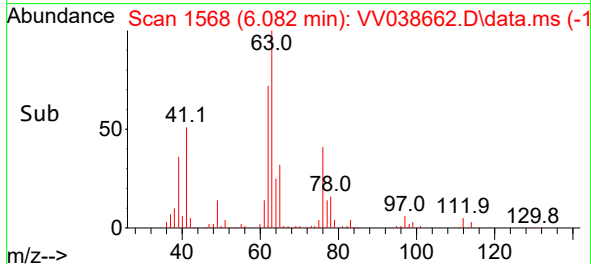
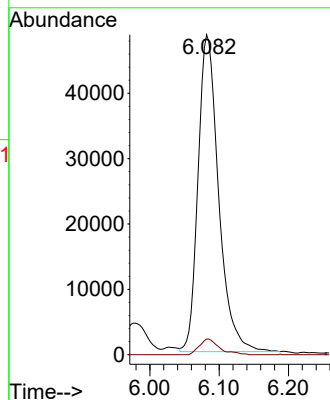
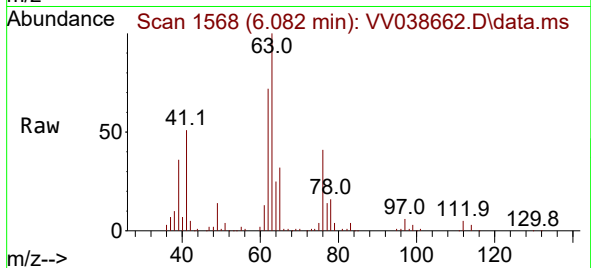
ClientSampleId :

Tgt Ion: 63 Resp: 100125

Ion Ratio Lower Upper

63 100

112 4.8 3.6 5.4



#38

Bromodichloromethane

Concen: 4.81 ug/L

RT: 6.423 min Scan# 1674

Delta R.T. -0.000 min

Lab File: VV038662.D

Acq: 10 Feb 2025 11:41

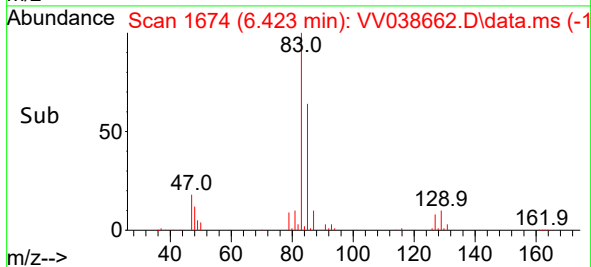
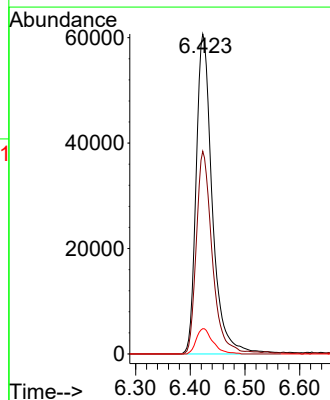
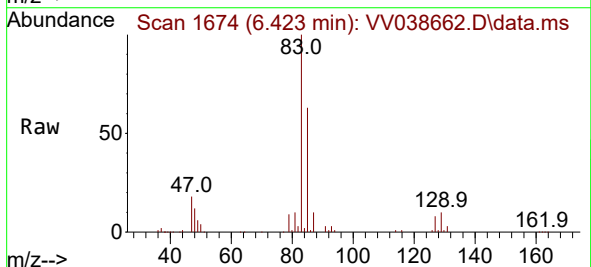
Tgt Ion: 83 Resp: 124424

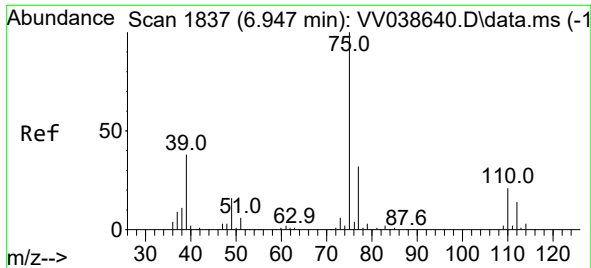
Ion Ratio Lower Upper

83 100

85 63.4 44.0 81.6

127 7.9 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 5.46 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. -0.000 min

Lab File: VV038662.D

Acq: 10 Feb 2025 11:41

Instrument :

MSVOA_V

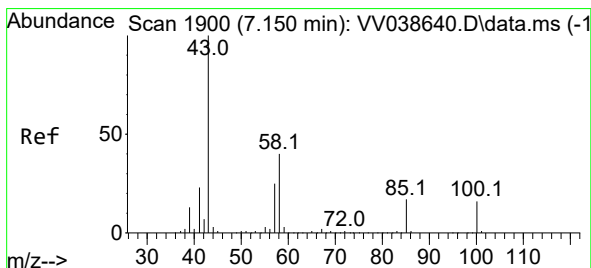
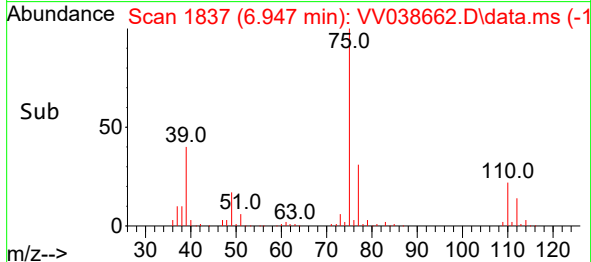
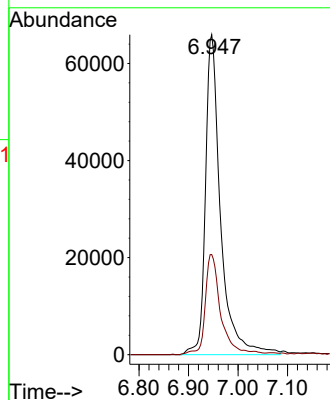
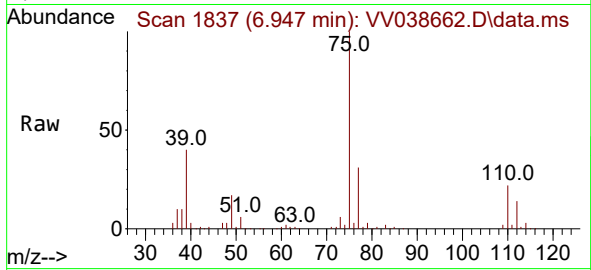
ClientSampleId :

Tgt Ion: 75 Resp: 139776

Ion Ratio Lower Upper

75 100

77 31.3 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 49.87 ug/L

RT: 7.146 min Scan# 1899

Delta R.T. -0.003 min

Lab File: VV038662.D

Acq: 10 Feb 2025 11:41

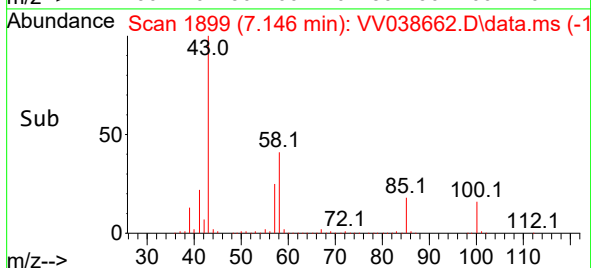
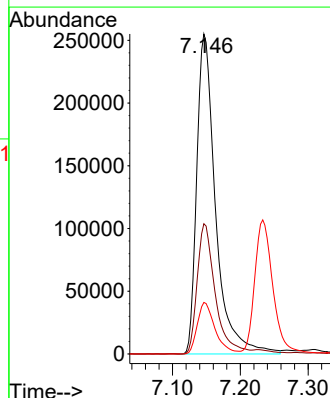
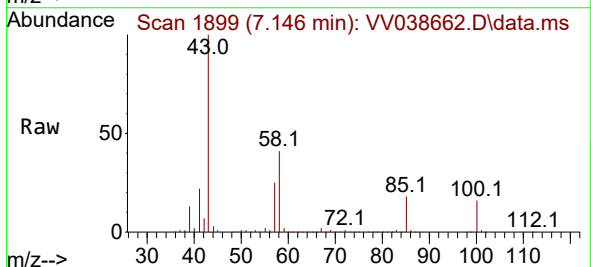
Tgt Ion: 43 Resp: 492684

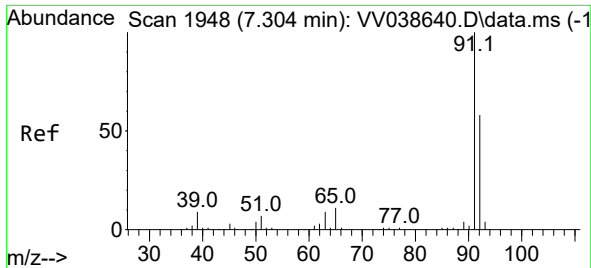
Ion Ratio Lower Upper

43 100

58 39.0 31.1 46.7

100 15.2 12.0 18.0

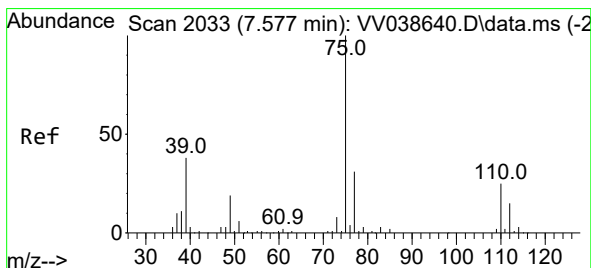
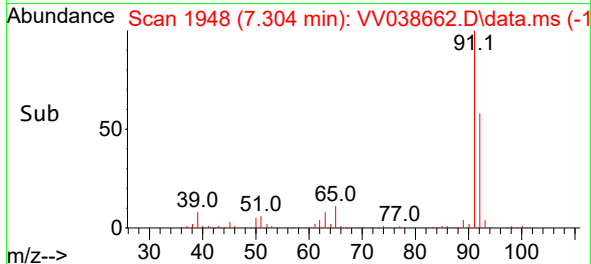
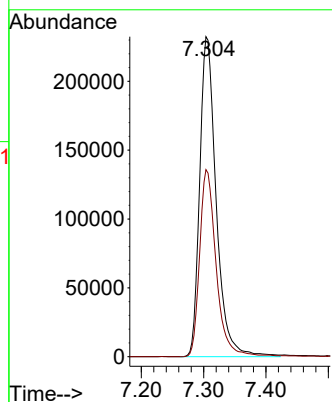
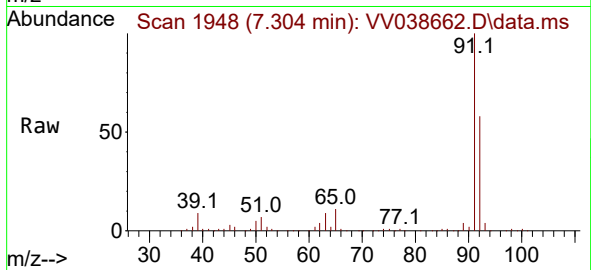




#42
Toluene
Concen: 5.41 ug/L
RT: 7.304 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

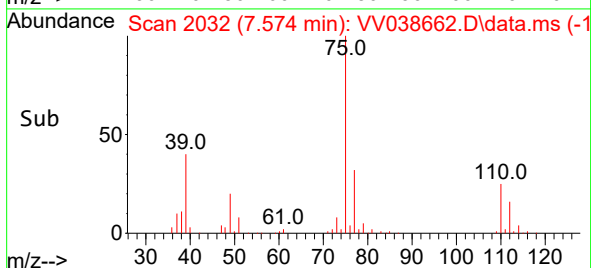
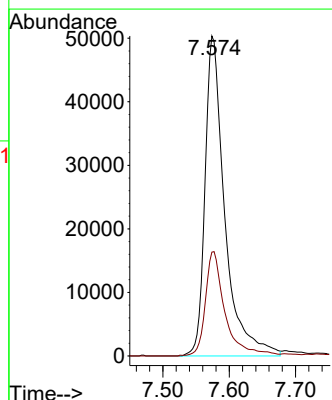
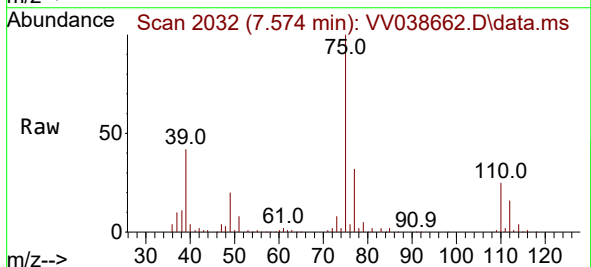
Instrument :
MSVOA_V
ClientSampleId :

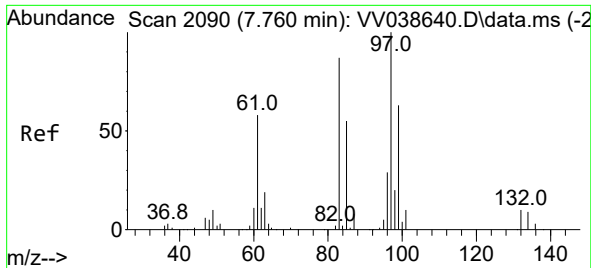
Tgt Ion: 91 Resp: 427573
Ion Ratio Lower Upper
91 100
92 58.5 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 4.84 ug/L
RT: 7.574 min Scan# 2032
Delta R.T. -0.003 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

Tgt Ion: 75 Resp: 104336
Ion Ratio Lower Upper
75 100
77 32.5 21.4 39.8

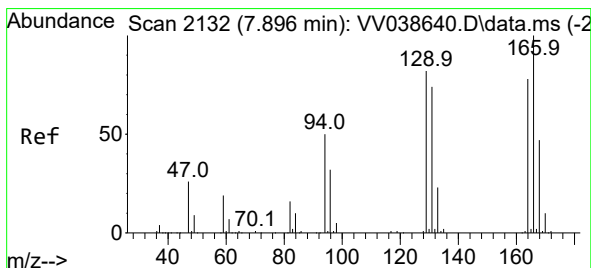
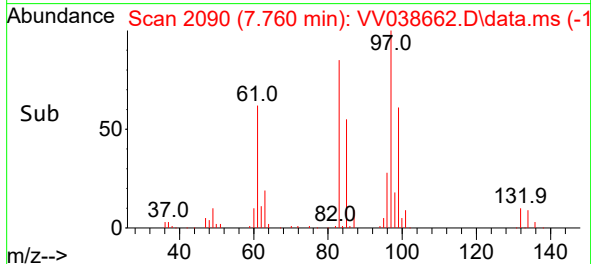
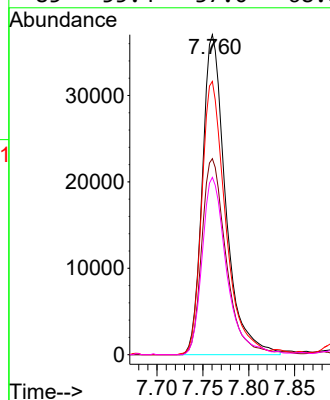
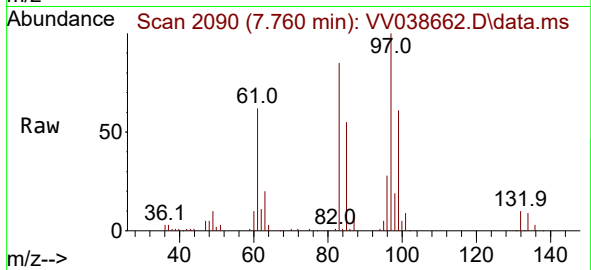




#45
1,1,2-Trichloroethane
Concen: 4.46 ug/L
RT: 7.760 min Scan# 2090
Delta R.T. -0.000 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

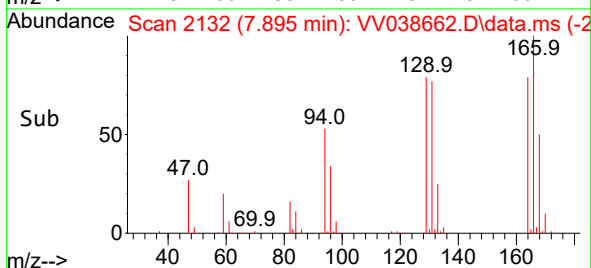
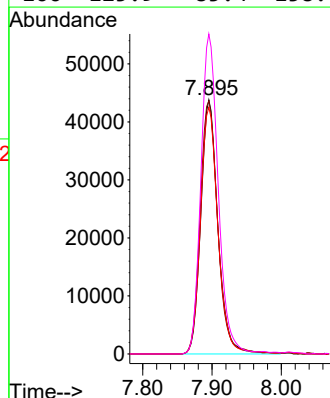
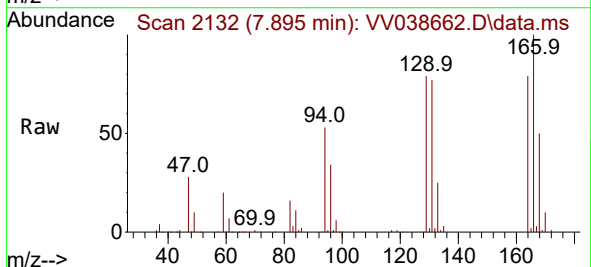
Instrument :
MSVOA_V
ClientSampleId :

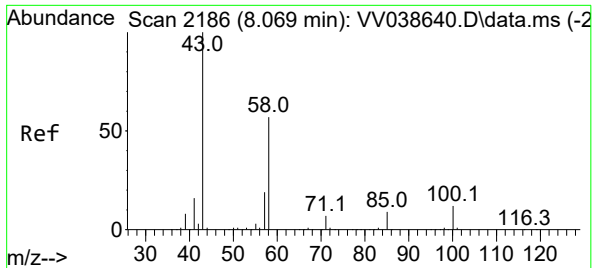
Tgt Ion: 97	Resp: 65577
Ion Ratio	Lower Upper
97 100	
99 61.2	42.7 79.3
83 85.4	57.2 106.2
85 55.4	37.0 68.8



#47
Tetrachloroethene
Concen: 5.05 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

Tgt	Ion:164	Resp:	75073
Ion	Ratio	Lower	Upper
164	100		
129	99.6	66.3	123.1
131	97.0	63.2	117.4
166	125.9	85.4	158.6



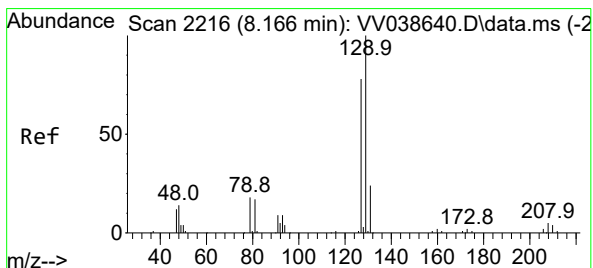
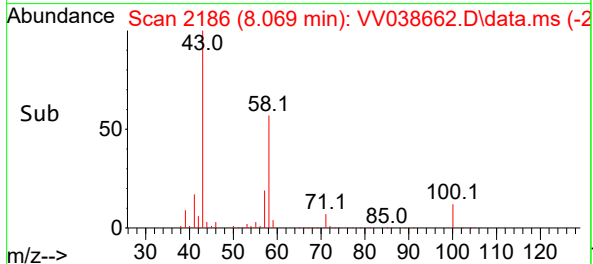
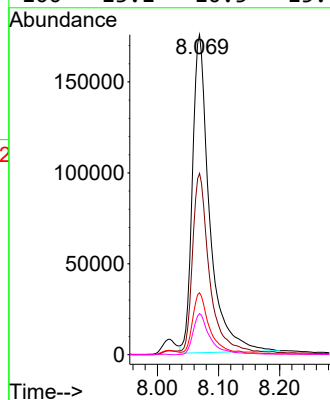
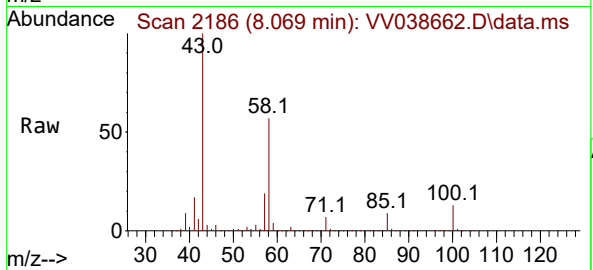


#48
2-Hexanone
Concen: 46.80 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 341166

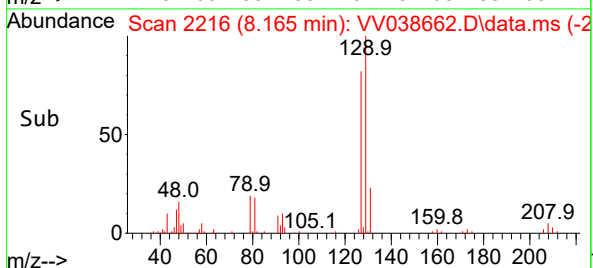
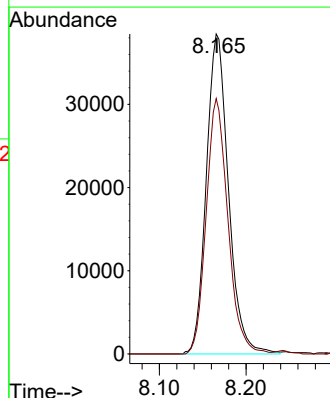
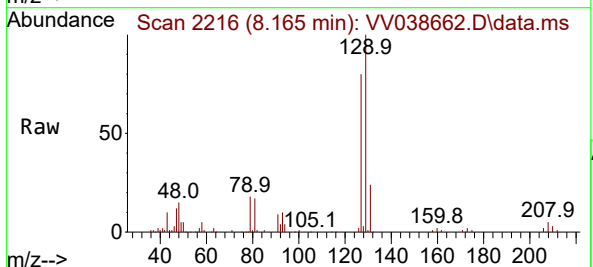
Ion	Ratio	Lower	Upper
43	100		
58	55.5	46.1	69.1
57	17.6	15.0	22.6
100	13.1	10.5	15.7

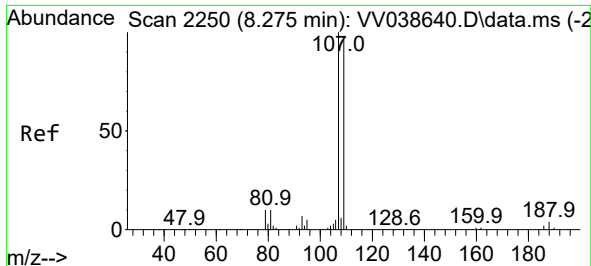


#49
Dibromochloromethane
Concen: 4.19 ug/L
RT: 8.165 min Scan# 2216
Delta R.T. -0.000 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

Tgt Ion: 129 Resp: 68336

Ion	Ratio	Lower	Upper
129	100		
127	79.8	53.5	99.3

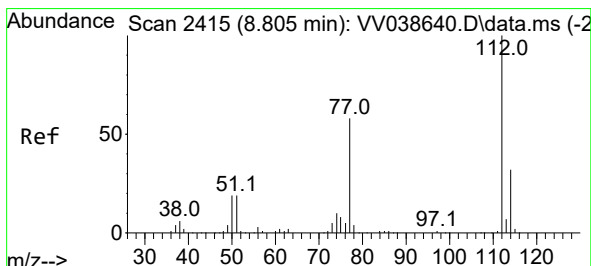
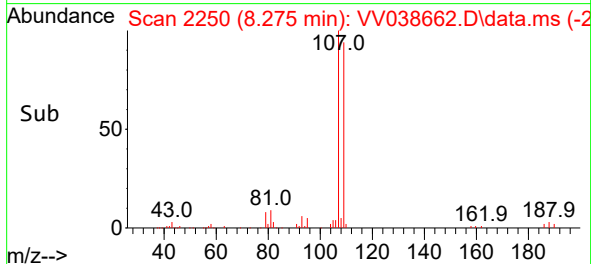
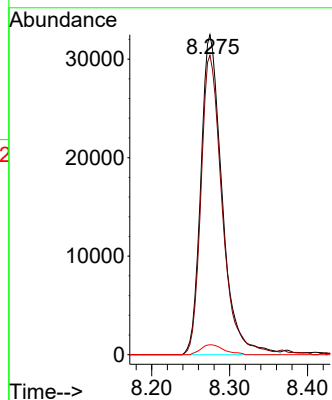
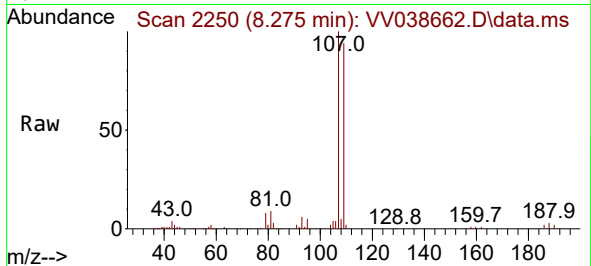




#50
1,2-Dibromoethane
Concen: 4.54 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

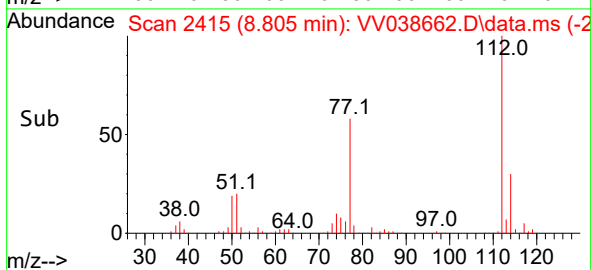
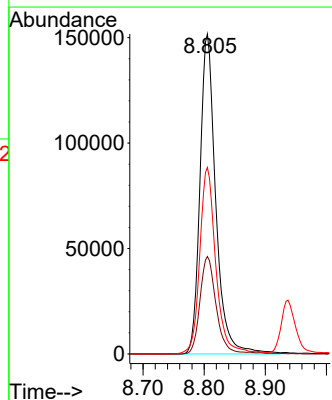
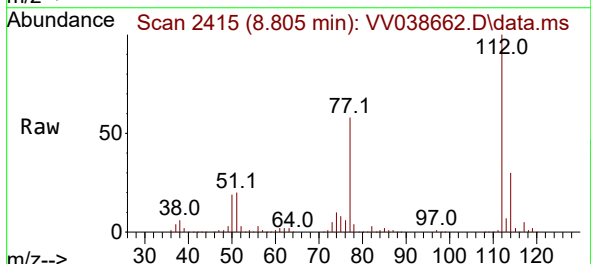
Instrument :
MSVOA_V
ClientSampleId :

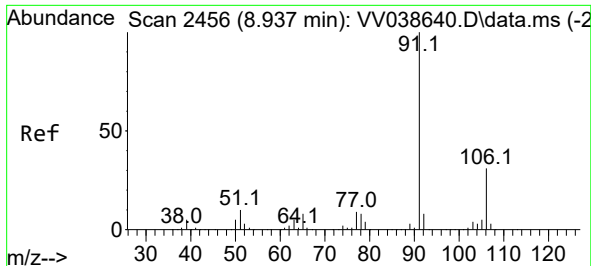
Tgt Ion:107 Resp: 61787
Ion Ratio Lower Upper
107 100
109 93.6 70.2 130.4
188 3.1 2.8 4.2



#51
Chlorobenzene
Concen: 5.24 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

Tgt Ion:112 Resp: 272227
Ion Ratio Lower Upper
112 100
114 30.4 22.6 42.0
77 58.3 47.0 70.6

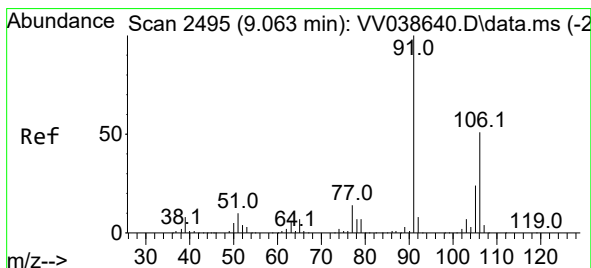
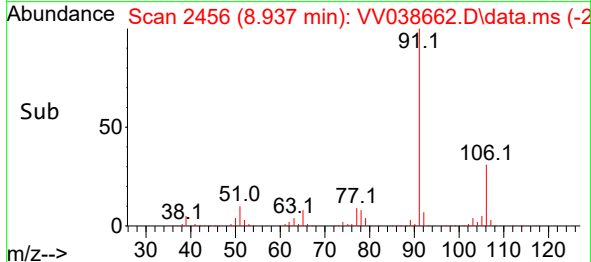
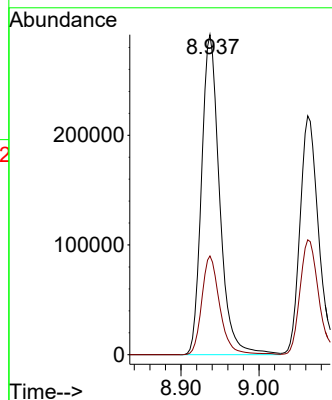
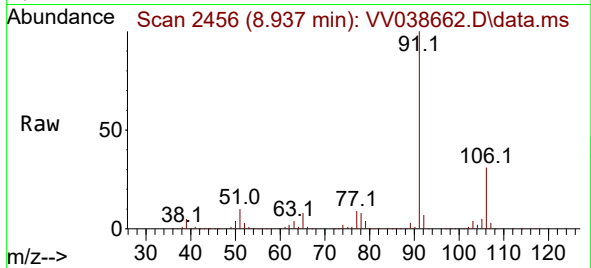




#52
Ethylbenzene
Concen: 5.59 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. -0.000 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

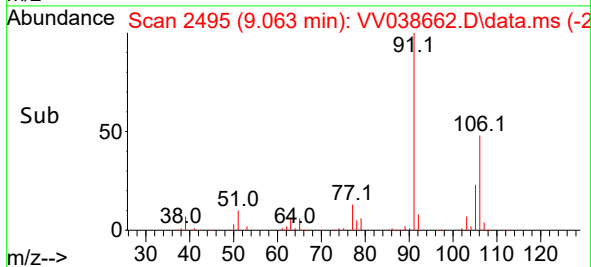
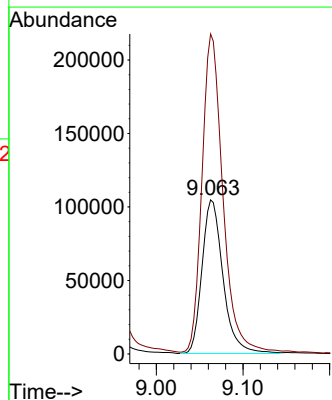
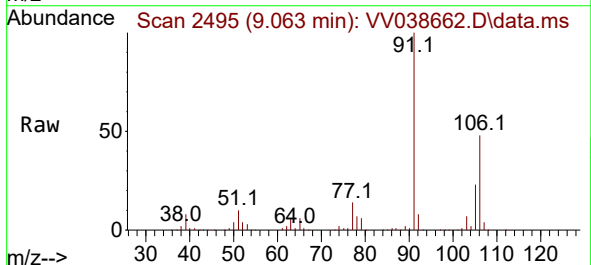
Instrument :
MSVOA_V
ClientSampleId :

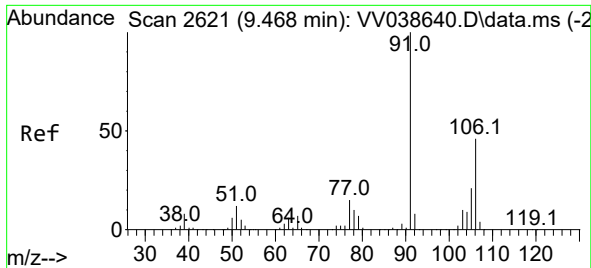
Tgt Ion: 91 Resp: 468942
Ion Ratio Lower Upper
91 100
106 30.9 21.3 39.6



#53
m,p-Xylene
Concen: 5.71 ug/L
RT: 9.063 min Scan# 2495
Delta R.T. -0.000 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

Tgt Ion: 106 Resp: 176555
Ion Ratio Lower Upper
106 100
91 207.8 146.3 271.7

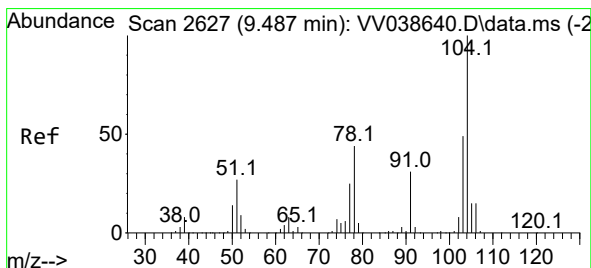
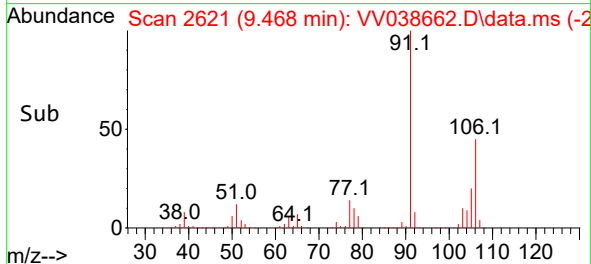
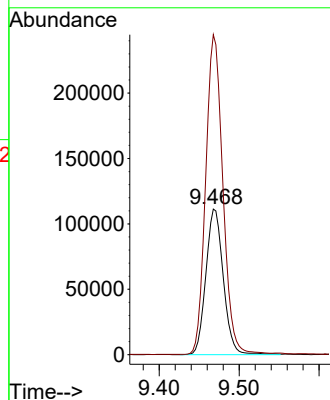
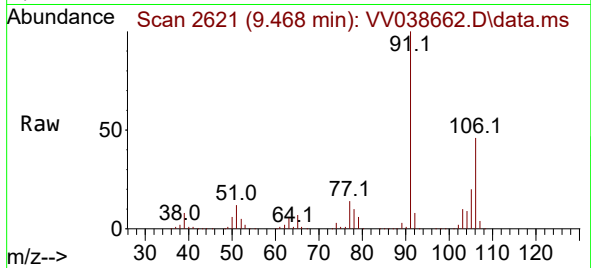




#54
o-Xylene
Concen: 5.62 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

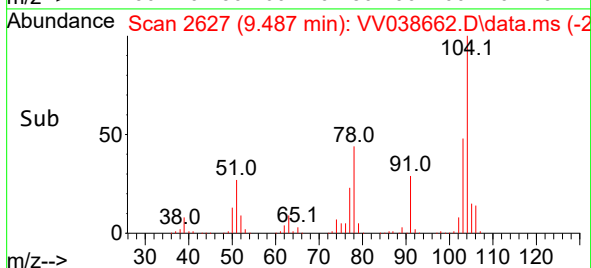
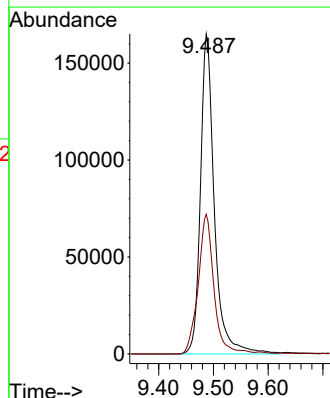
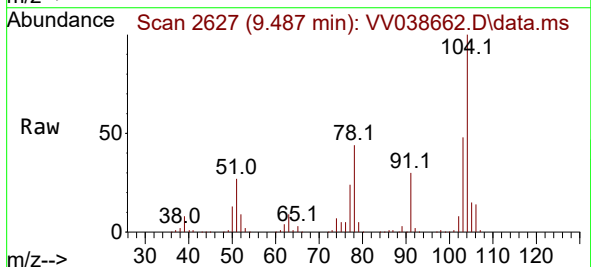
Instrument :
MSVOA_V
ClientSampleId :

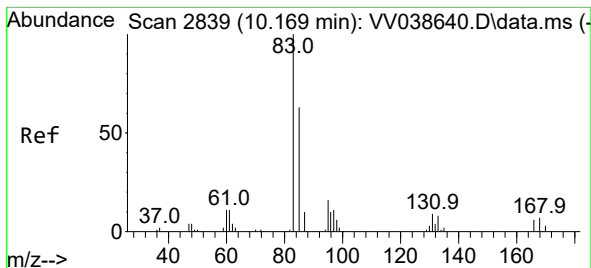
Tgt Ion:106 Resp: 169477
Ion Ratio Lower Upper
106 100
91 219.7 150.8 280.0



#55
Styrene
Concen: 5.71 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

Tgt Ion:104 Resp: 290987
Ion Ratio Lower Upper
104 100
78 43.6 30.5 56.7

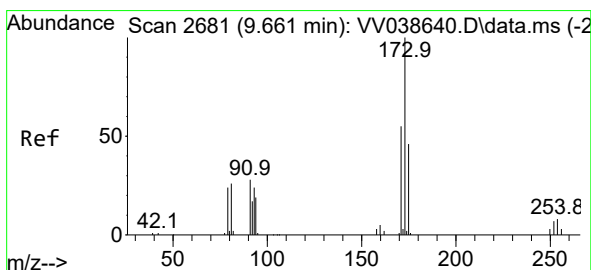
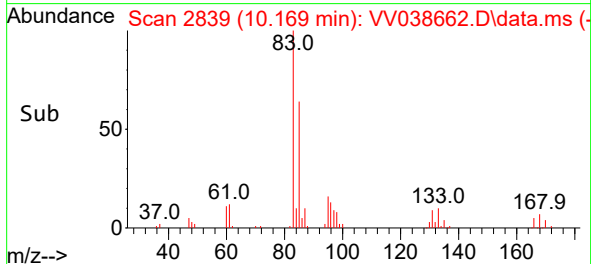
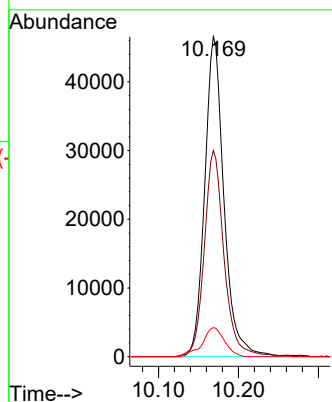
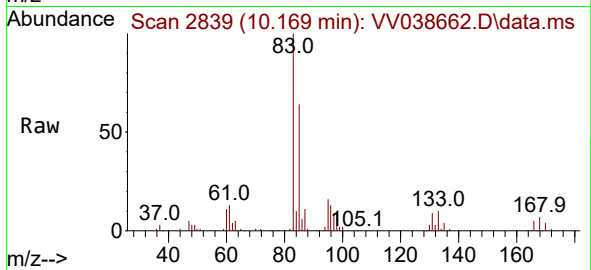




#57
1,1,2,2-Tetrachloroethane
Concen: 4.30 ug/L
RT: 10.169 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

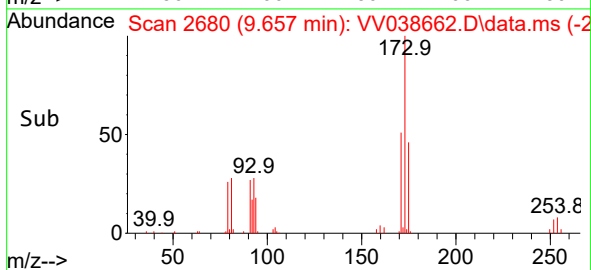
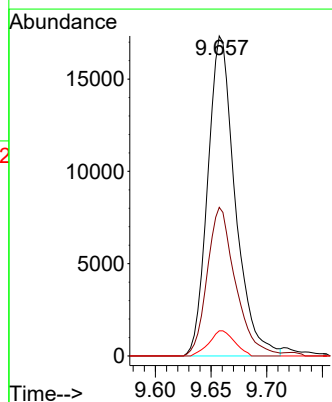
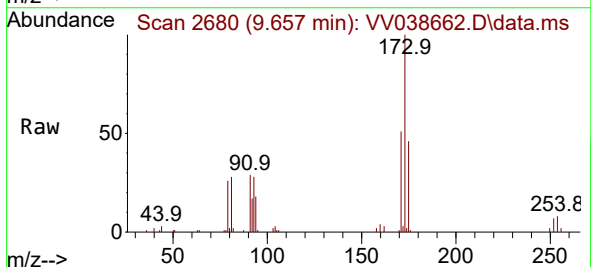
Instrument :
MSVOA_V
ClientSampleId :

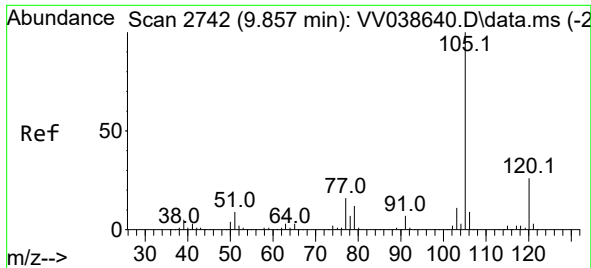
Tgt Ion: 83 Resp: 77896
Ion Ratio Lower Upper
83 100
85 64.4 46.1 85.5
131 9.1 8.5 12.7



#59
Bromoform
Concen: 3.65 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.003 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

Tgt Ion: 173 Resp: 29673
Ion Ratio Lower Upper
173 100
175 47.8 39.5 59.3
254 7.3 5.7 8.5

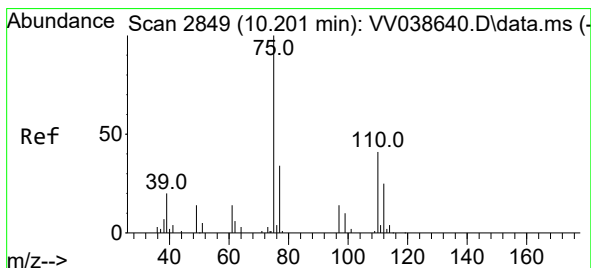
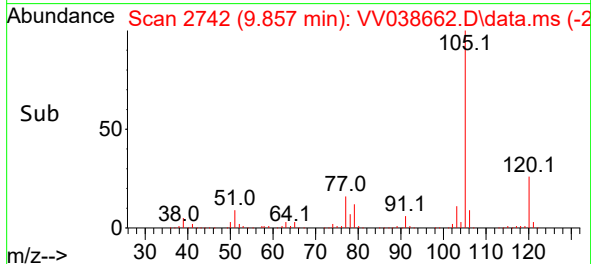
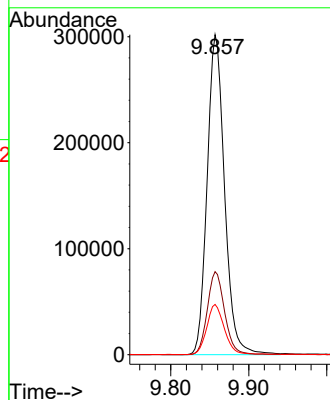
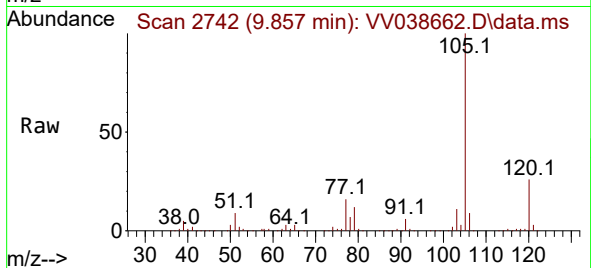




#60
Isopropylbenzene
Concen: 5.86 ug/L
RT: 9.857 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

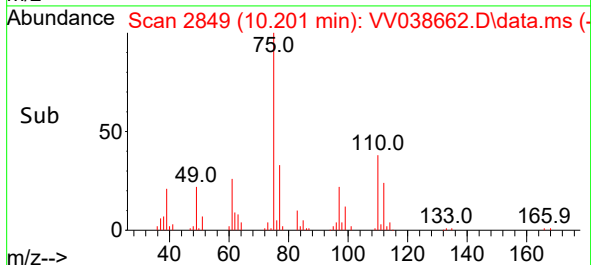
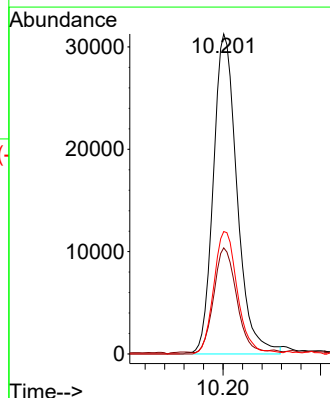
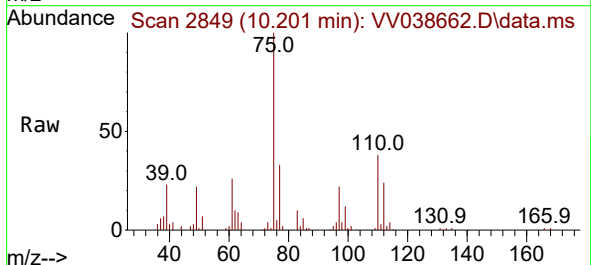
Instrument :
MSVOA_V
ClientSampleId :

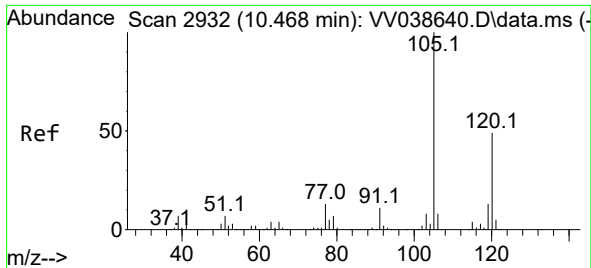
Tgt Ion:105 Resp: 469005
Ion Ratio Lower Upper
105 100
120 25.8 21.0 31.4
77 15.8 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.23 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.000 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

Tgt Ion: 75 Resp: 52916
Ion Ratio Lower Upper
75 100
77 31.1 25.5 38.3
110 38.3 30.9 46.3

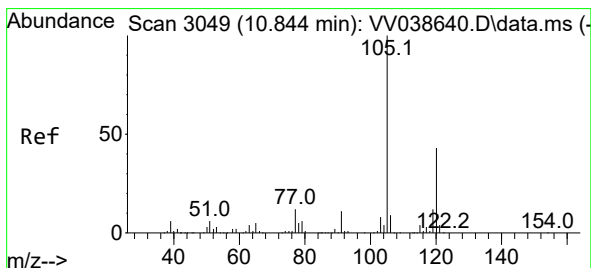
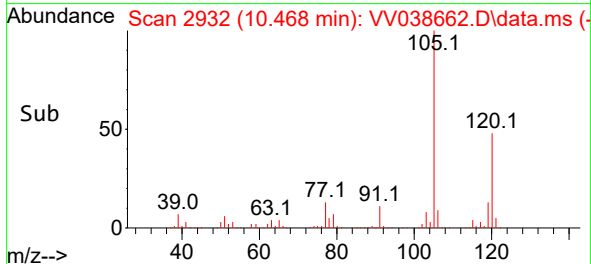
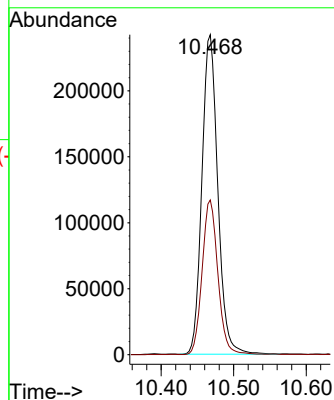
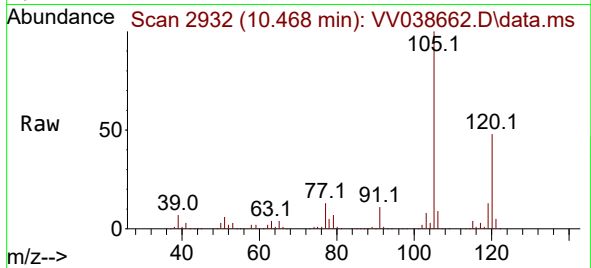




#62
1,3,5-Trimethylbenzene
Concen: 5.85 ug/L
RT: 10.468 min Scan# 2932
Delta R.T. -0.000 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

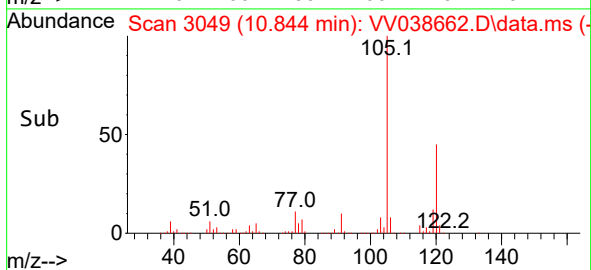
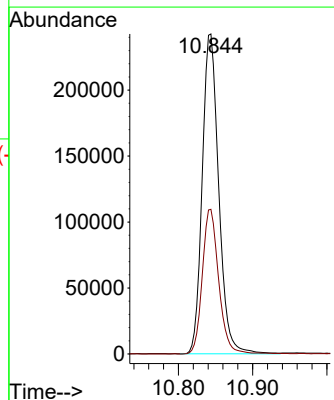
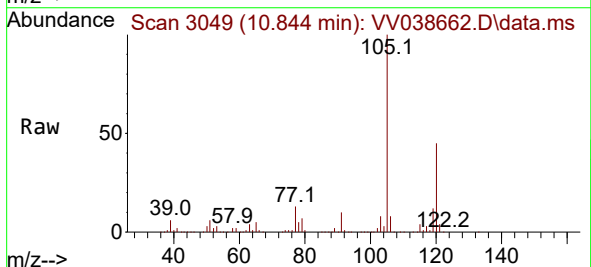
Instrument :
MSVOA_V
ClientSampleId :

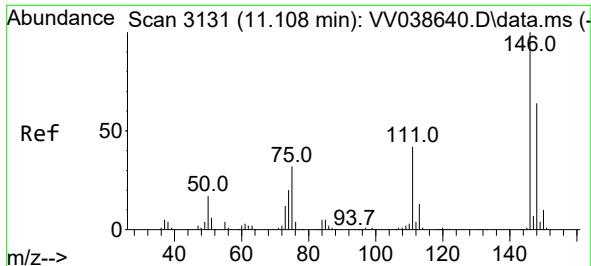
Tgt Ion:105 Resp: 368544
Ion Ratio Lower Upper
105 100
120 48.0 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 5.97 ug/L
RT: 10.844 min Scan# 3049
Delta R.T. -0.000 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

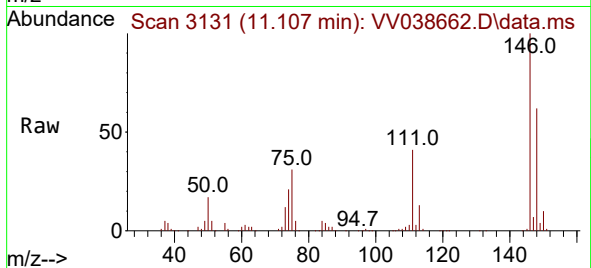
Tgt Ion:105 Resp: 373876
Ion Ratio Lower Upper
105 100
120 45.1 36.2 54.2



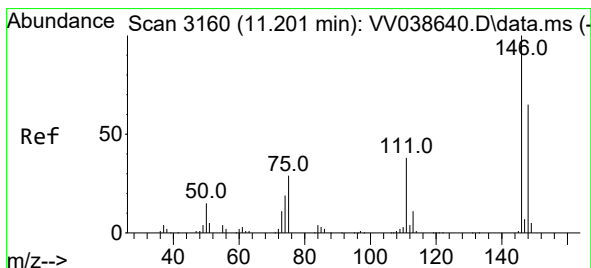
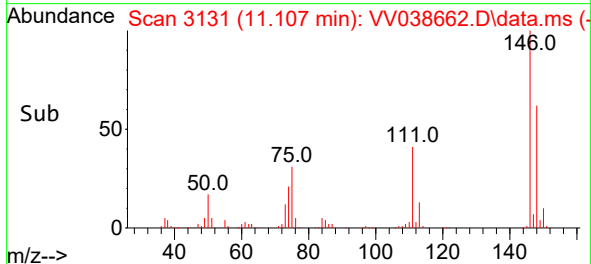
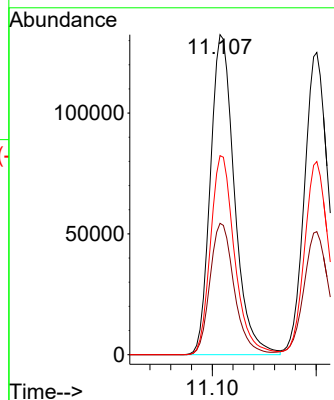


#64
1,3-Dichlorobenzene
Concen: 5.32 ug/L
RT: 11.107 min Scan# 3131
Delta R.T. -0.000 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41

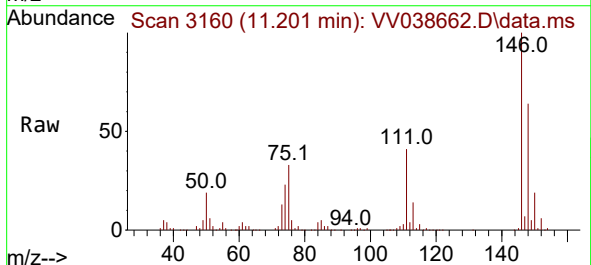
Instrument :
MSVOA_V
ClientSampleId :



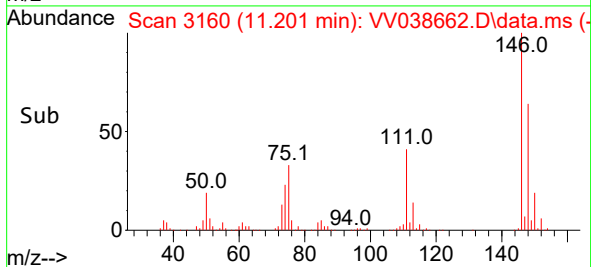
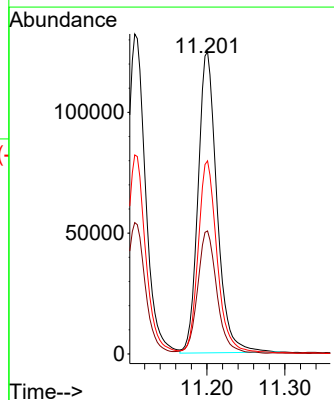
Tgt Ion:146 Resp: 212996
Ion Ratio Lower Upper
146 100
111 41.1 29.0 53.9
148 62.2 44.1 81.9

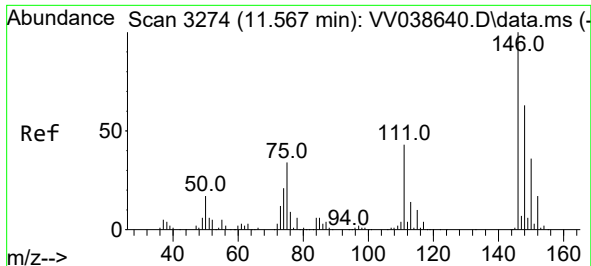


#65
1,4-Dichlorobenzene
Concen: 5.16 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. -0.000 min
Lab File: VV038662.D
Acq: 10 Feb 2025 11:41



Tgt Ion:146 Resp: 210145
Ion Ratio Lower Upper
146 100
111 40.7 27.7 51.5
148 63.9 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 4.96 ug/L

RT: 11.570 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038662.D

Acq: 10 Feb 2025 11:41

Instrument :

MSVOA_V

ClientSampleId :

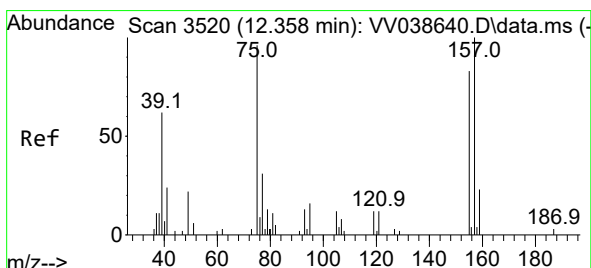
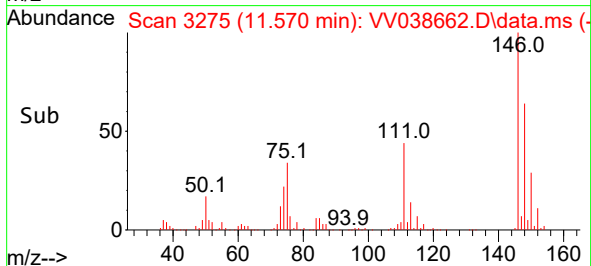
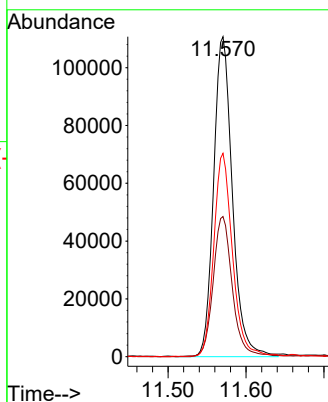
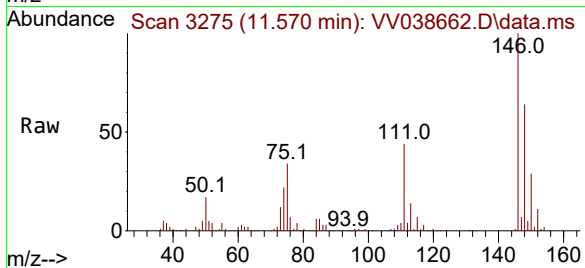
Tgt Ion:146 Resp: 185976

Ion Ratio Lower Upper

146 100

111 43.8 35.4 53.0

148 63.6 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.15 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.000 min

Lab File: VV038662.D

Acq: 10 Feb 2025 11:41

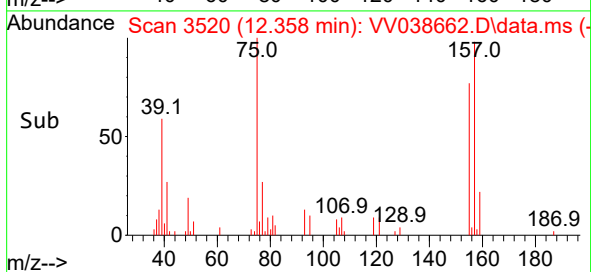
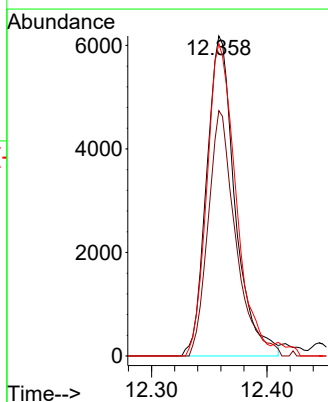
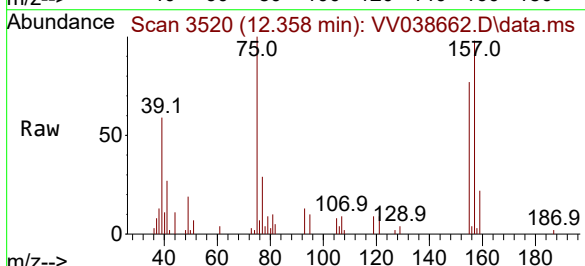
Tgt Ion: 75 Resp: 10573

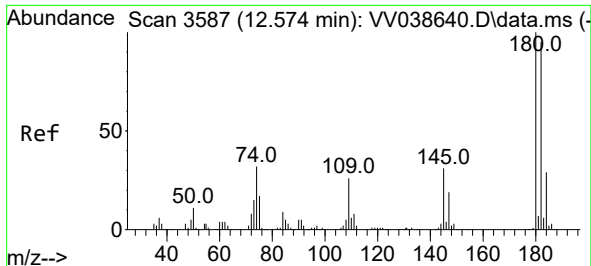
Ion Ratio Lower Upper

75 100

155 76.7 60.3 90.5

157 97.6 76.9 115.3





#69

1,3,5-Trichlorobenzene

Concen: 5.46 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

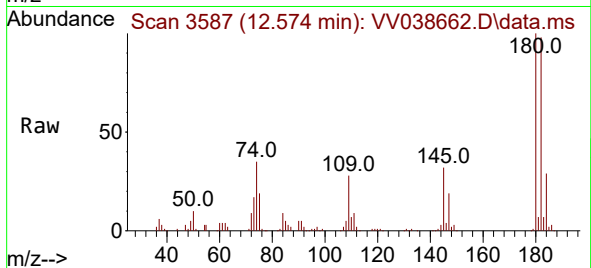
Lab File: VV038662.D

Acq: 10 Feb 2025 11:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 143319

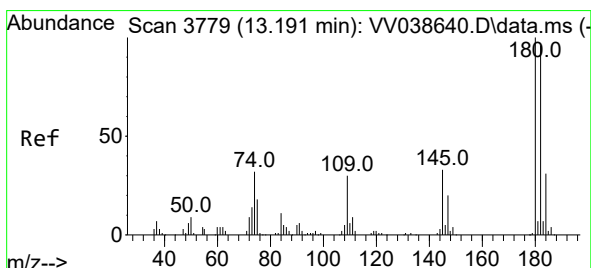
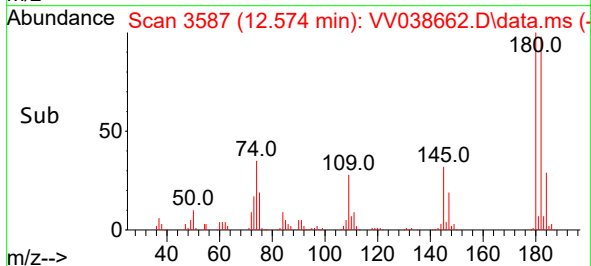
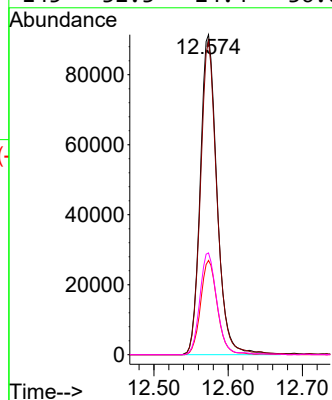
Ion Ratio Lower Upper

180 100

182 95.8 75.6 113.4

184 29.4 24.1 36.1

145 32.3 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 5.80 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV038662.D

Acq: 10 Feb 2025 11:41

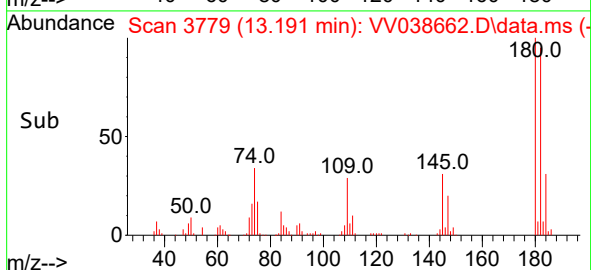
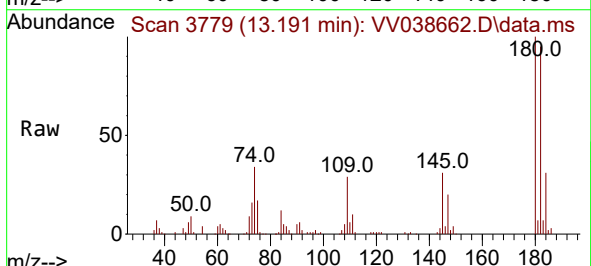
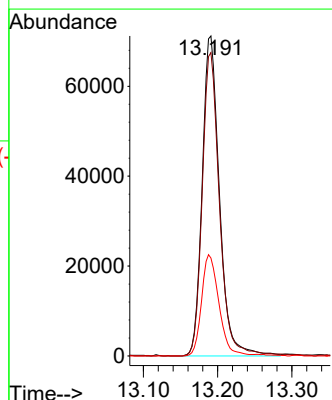
Tgt Ion:180 Resp: 115183

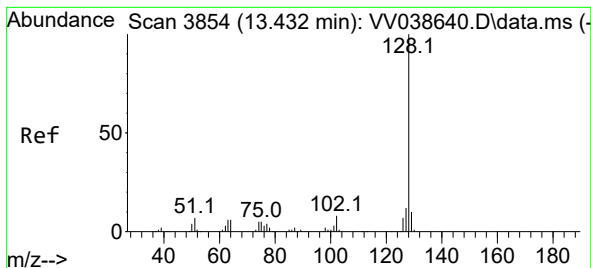
Ion Ratio Lower Upper

180 100

182 94.9 76.6 115.0

145 31.7 26.0 39.0





#71

Naphthalene

Concen: 5.05 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV038662.D

Acq: 10 Feb 2025 11:41

Instrument :

MSVOA_V

ClientSampleId :

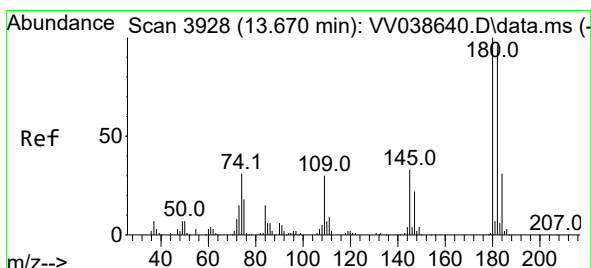
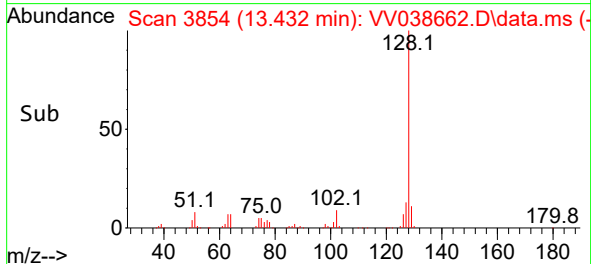
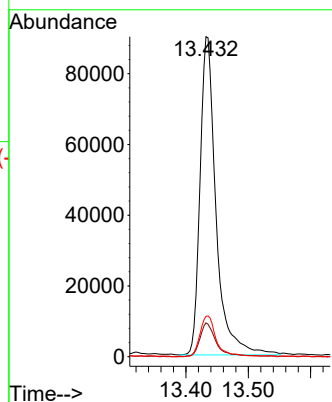
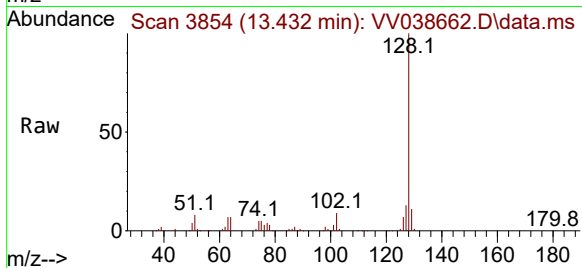
Tgt Ion:128 Resp: 160454

Ion Ratio Lower Upper

128 100

129 10.8 7.6 11.4

127 13.2 10.9 16.3



#72

1,2,3-Trichlorobenzene

Concen: 5.28 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. -0.000 min

Lab File: VV038662.D

Acq: 10 Feb 2025 11:41

Tgt Ion:180 Resp: 97019

Ion Ratio Lower Upper

180 100

182 95.3 76.0 114.0

145 34.7 28.4 42.6

