

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW020625\
 Data File : VW038638.D
 Acq On : 06 Feb 2025 17:56
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 11 13:15:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 11 12:57:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	204845	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	212291	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	111895	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	100887	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.532	69	74537	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.056	65	41393	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.40%
20) 2-Butanone-d5	3.815	46	194858	52.98	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.96%
24) Chloroform-d	4.243	84	165228	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	4.937	65	77460	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	4.953	84	321220	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	5.982	67	94055	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.233	98	291121	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
43) trans-1,3-Dichloroprop...	7.551	79	35644	5.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.60%
46) 2-Hexanone-d5	8.021	63	143060	54.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.34%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	78520	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
66) 1,2-Dichlorobenzene-d4	11.551	152	99363	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	111825	4.59	ug/L	100
3) Chloromethane	1.214	50	104211	4.57	ug/L	99
5) Vinyl chloride	1.282	62	113393	4.69	ug/L	96
6) Bromomethane	1.487	94	57919	5.56	ug/L	98
8) Chloroethane	1.548	64	66759	4.46	ug/L	97
9) Trichlorofluoromethane	1.712	101	148281	4.59	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	84964	4.73	ug/L	99
12) 1,1-Dichloroethene	2.066	96	81775	4.69	ug/L	97
13) Acetone	2.146	43	123629	45.77	ug/L	99
14) Carbon disulfide	2.237	76	268890	4.68	ug/L	99
15) Methyl Acetate	2.388	43	31431	4.52	ug/L	92
16) Methylene chloride	2.442	84	88341	4.46	ug/L	99
17) Methyl tert-butyl Ether	2.700	73	175904	4.93	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	83447	4.78	ug/L	94
19) 1,1-Dichloroethane	3.108	63	159668	4.76	ug/L	99
21) 2-Butanone	3.892	43	189808	46.81	ug/L	97
22) cis-1,2-Dichloroethene	3.809	96	86111	4.79	ug/L	96
23) Bromochloromethane	4.143	128	39981	4.67	ug/L	99
25) Chloroform	4.269	83	161958	4.83	ug/L	97

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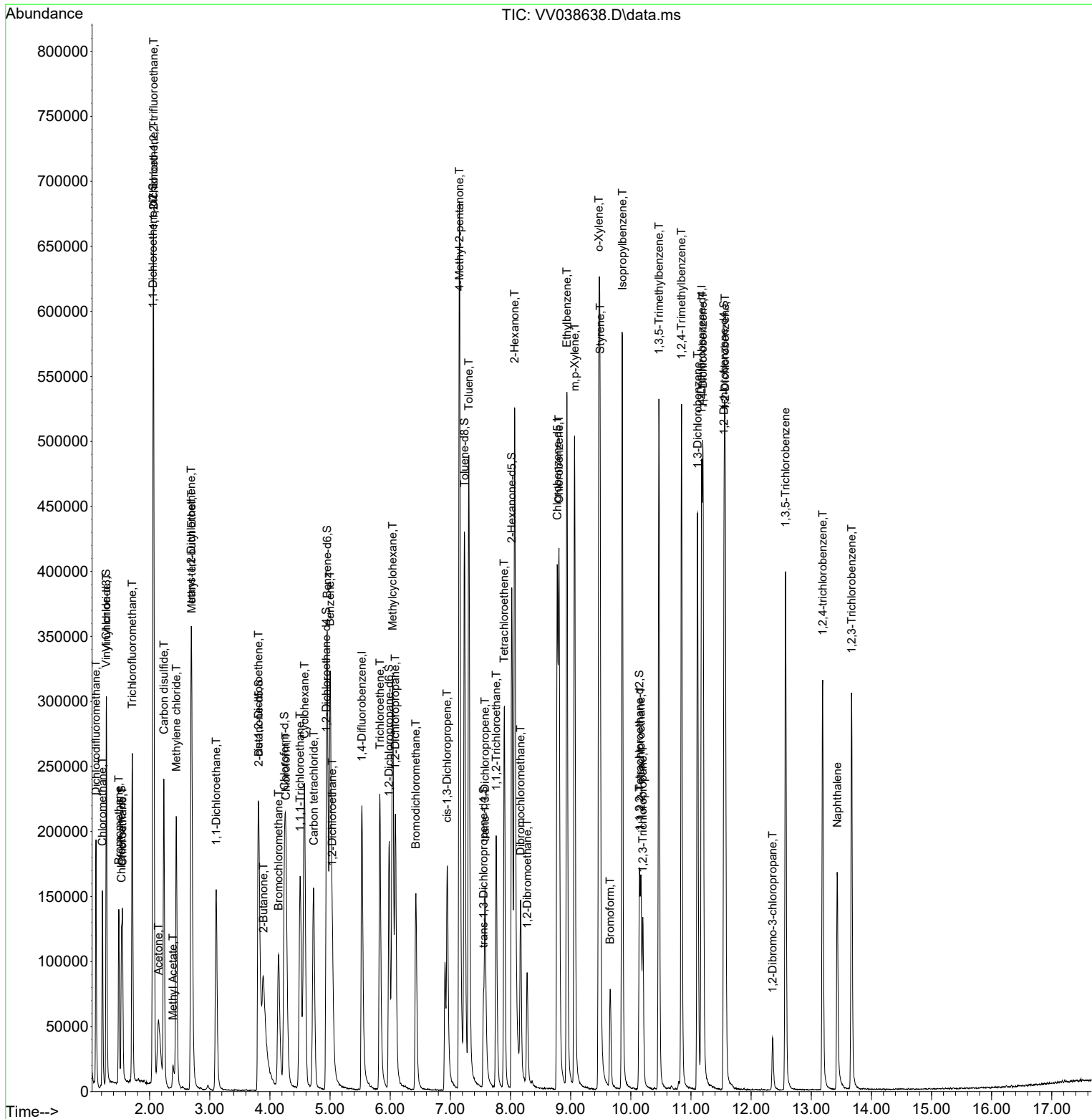
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 ClientSampleId :

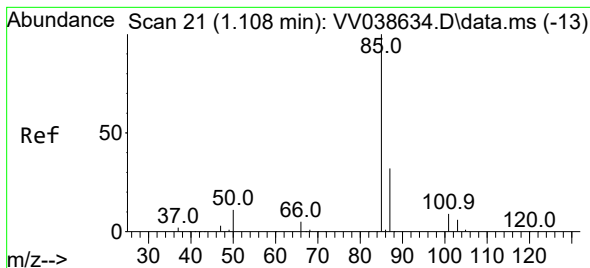
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	93621	4.74	ug/L	97
29) 1,1,1-Trichloroethane	4.503	97	138763	4.63	ug/L	98
30) Cyclohexane	4.574	56	124983	4.83	ug/L	96
31) Carbon tetrachloride	4.728	117	120266	4.61	ug/L	99
33) Benzene	5.002	78	341591	5.08	ug/L	100
34) Trichloroethene	5.828	95	86153	4.99	ug/L	96
35) Methylcyclohexane	6.040	83	127402	4.69	ug/L	99
37) 1,2-Dichloropropane	6.085	63	90752	5.34	ug/L	100
38) Bromodichloromethane	6.426	83	109399	4.69	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	118329	5.12	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	490719	55.01	ug/L	98
42) Toluene	7.307	91	365044	5.11	ug/L	97
44) trans-1,3-Dichloropropene	7.577	75	102522	5.27	ug/L	97
45) 1,1,2-Trichloroethane	7.764	97	63407	4.77	ug/L	96
47) Tetrachloroethene	7.895	164	64578	4.81	ug/L	95
48) 2-Hexanone	8.069	43	358730	54.50	ug/L	99
49) Dibromochloromethane	8.169	129	69101	4.69	ug/L	100
50) 1,2-Dibromoethane	8.278	107	61035	4.97	ug/L	95
51) Chlorobenzene	8.805	112	226953	4.84	ug/L	100
52) Ethylbenzene	8.937	91	376742	4.97	ug/L	99
53) m,p-Xylene	9.066	106	142680	5.11	ug/L	98
54) o-Xylene	9.471	106	137787	5.06	ug/L	100
55) Styrene	9.490	104	247551	5.38	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	79022	4.83	ug/L	95
59) Bromoform	9.657	173	33944	4.54	ug/L	99
60) Isopropylbenzene	9.860	105	369922	5.02	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	53651	4.66	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	280936	4.84	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	285425	4.95	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	179789	4.88	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	184742	4.93	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	170244	4.93	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.358	75	11727	5.00	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	117831	4.88	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	95629	5.23	ug/L	98
71) Naphthalene	13.432	128	146096	5.00	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	86625	5.12	ug/L	98

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

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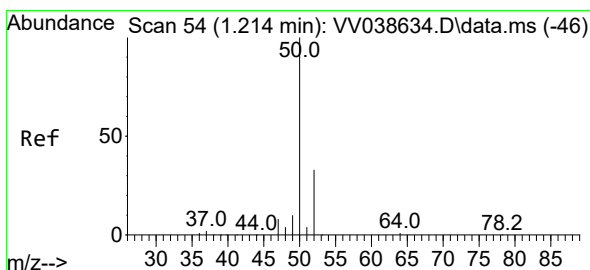
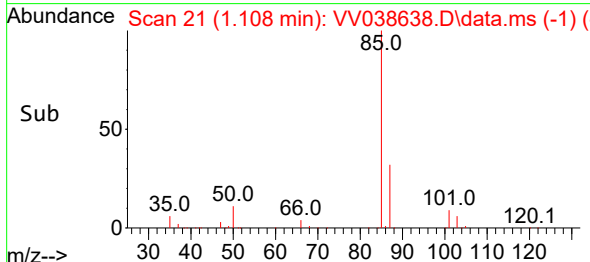
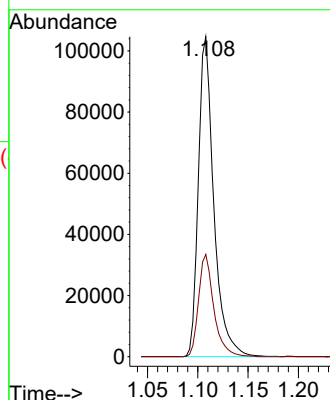
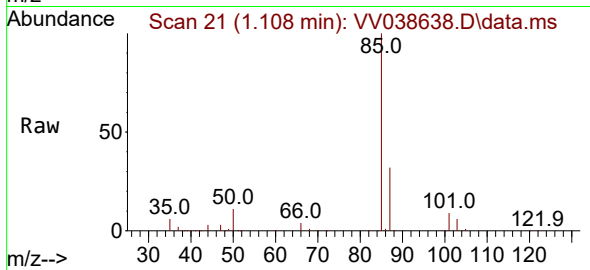




#2
 Dichlorodifluoromethane
 Concen: 4.59 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV038638.D
 Acq: 06 Feb 2025 17:56

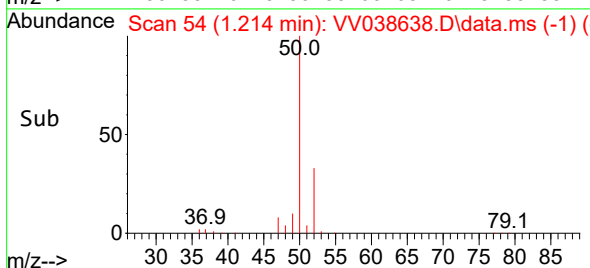
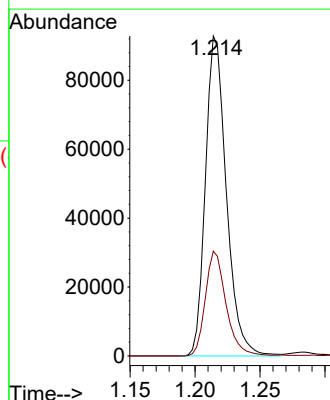
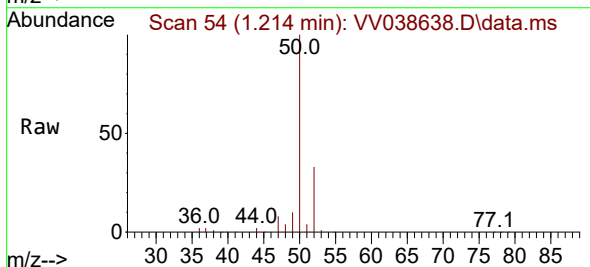
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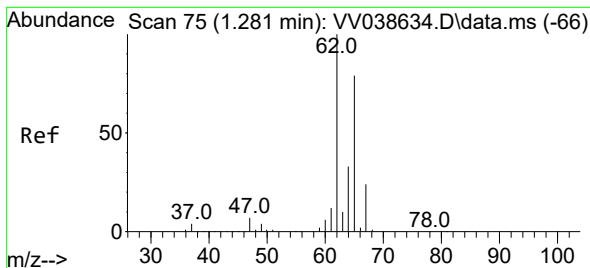
Tgt Ion: 85 Resp: 111825
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.5 38.3



#3
 Chloromethane
 Concen: 4.57 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038638.D
 Acq: 06 Feb 2025 17:56

Tgt Ion: 50 Resp: 104211
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.2 43.2





#5

Vinyl chloride

Concen: 4.69 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV038638.D

Acq: 06 Feb 2025 17:56

Instrument :

MSVOA_V

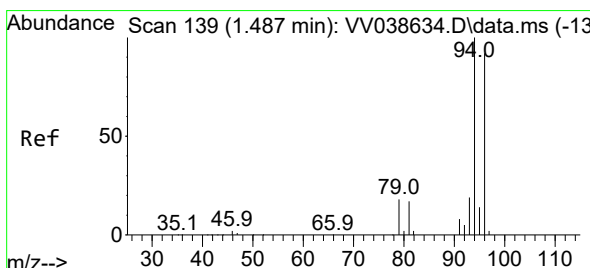
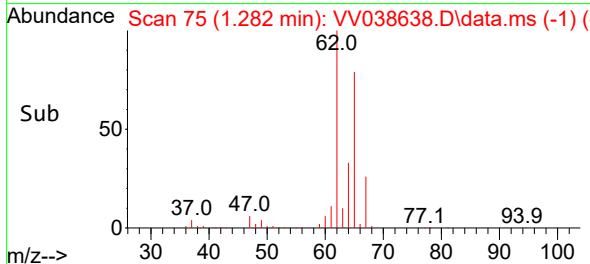
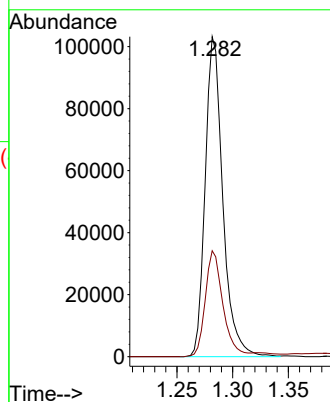
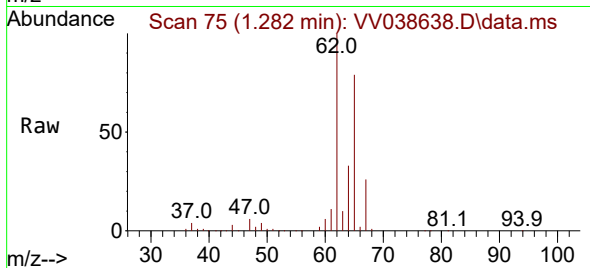
ClientSampleId :

Tgt Ion: 62 Resp: 113393

Ion Ratio Lower Upper

62 100

64 33.1 25.0 46.4



#6

Bromomethane

Concen: 5.56 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV038638.D

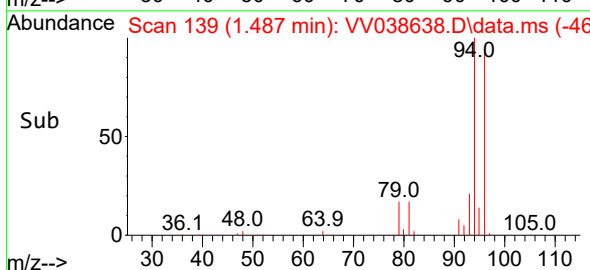
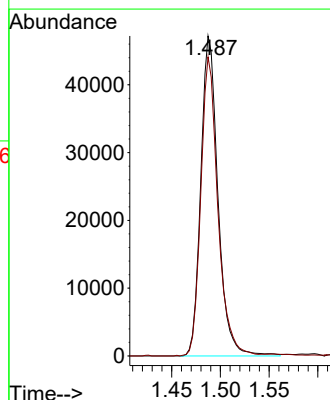
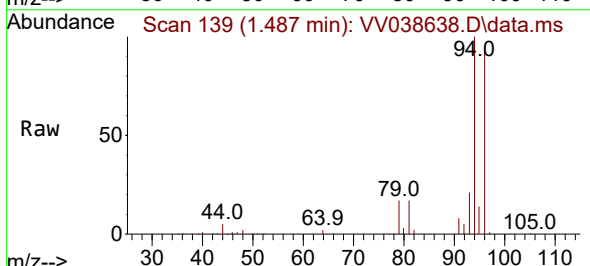
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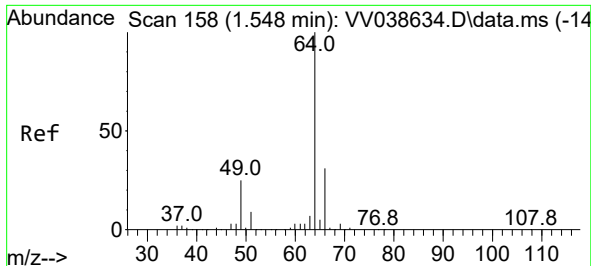
Tgt Ion: 94 Resp: 57919

Ion Ratio Lower Upper

94 100

96 93.5 64.3 119.3

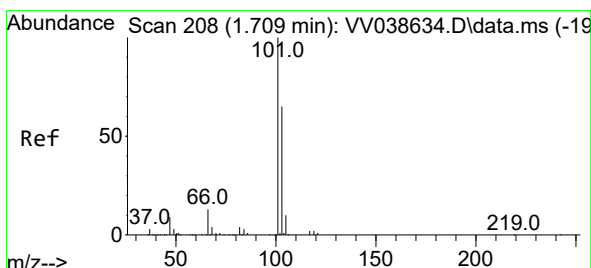
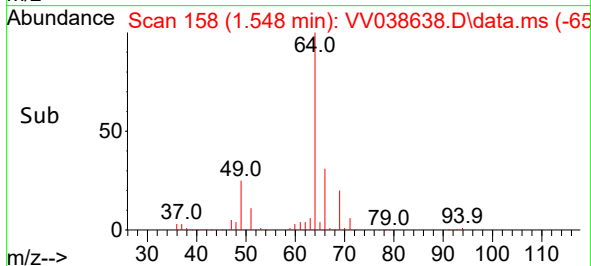
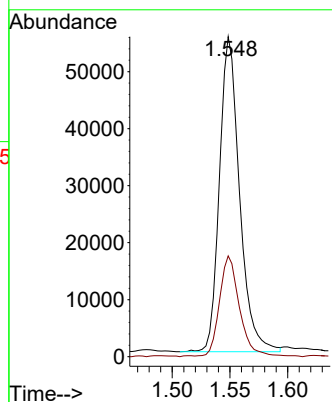
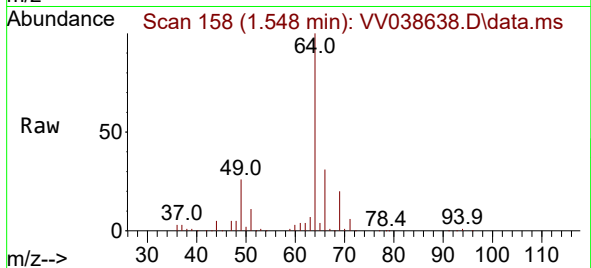




#8
Chloroethane
Concen: 4.46 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56

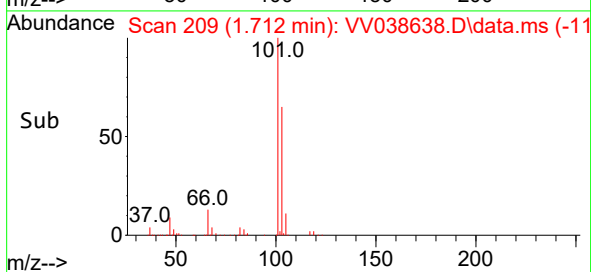
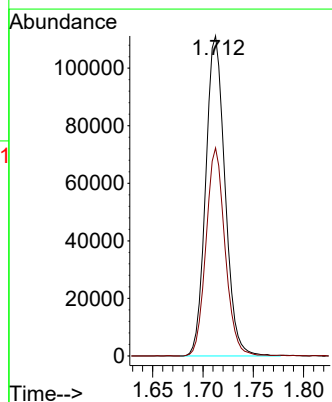
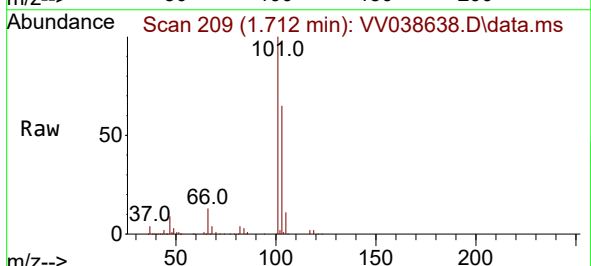
Instrument :
MSVOA_V
ClientSampleId :

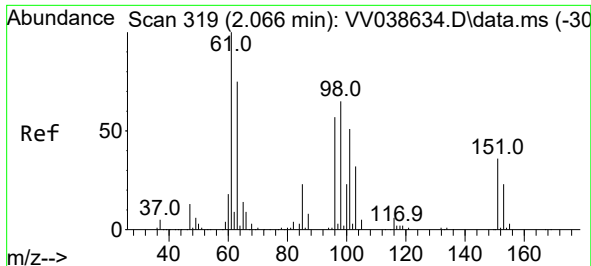
Tgt Ion: 64 Resp: 66759
Ion Ratio Lower Upper
64 100
66 31.5 20.9 38.7



#9
Trichlorofluoromethane
Concen: 4.59 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.003 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56

Tgt Ion:101 Resp: 148281
Ion Ratio Lower Upper
101 100
103 64.1 52.4 78.6

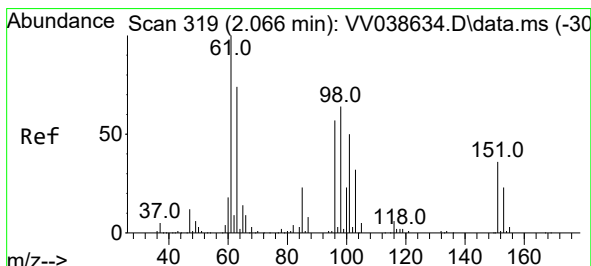
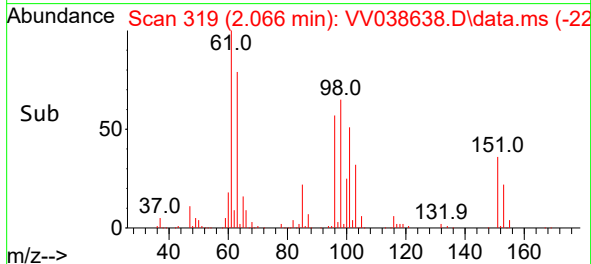
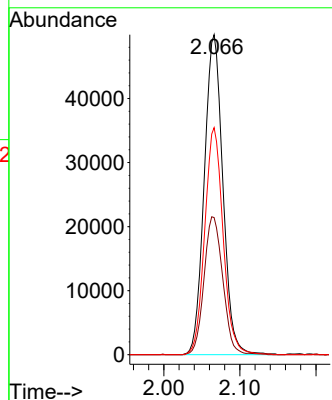
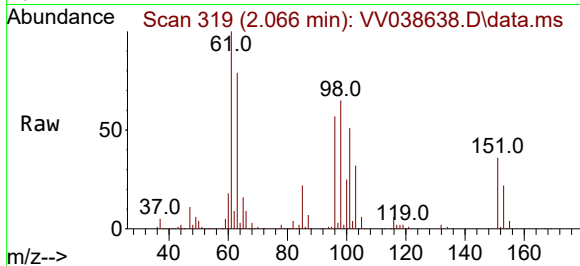




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.73 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV038638.D
 Acq: 06 Feb 2025 17:56

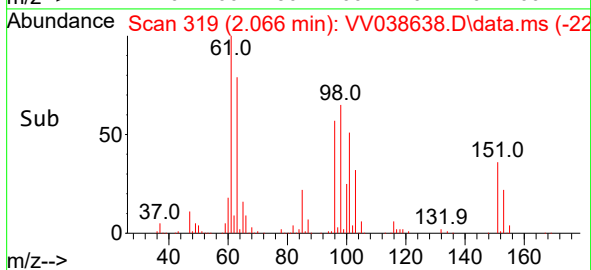
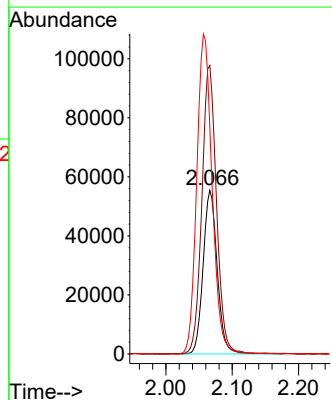
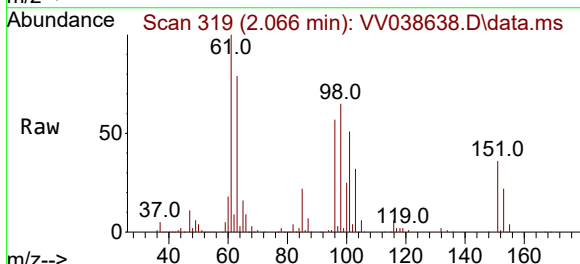
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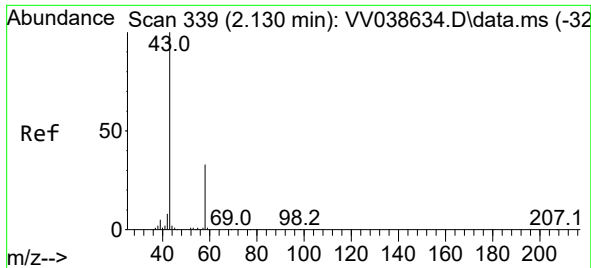
Tgt Ion:101 Resp: 84964
 Ion Ratio Lower Upper
 101 100
 85 43.6 35.0 52.4
 151 70.3 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 4.69 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV038638.D
 Acq: 06 Feb 2025 17:56

Tgt Ion: 96 Resp: 81775
 Ion Ratio Lower Upper
 96 100
 61 176.2 122.8 228.1
 63 138.6 92.0 170.8

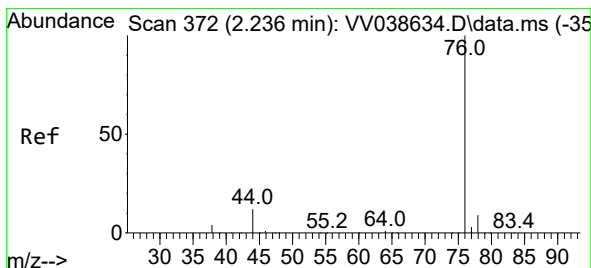
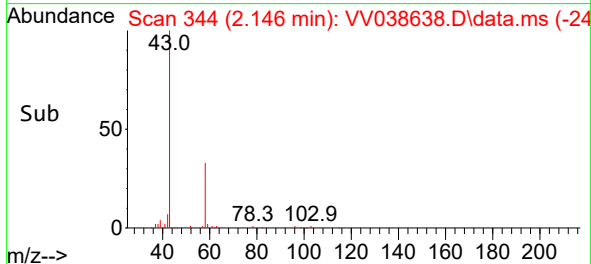
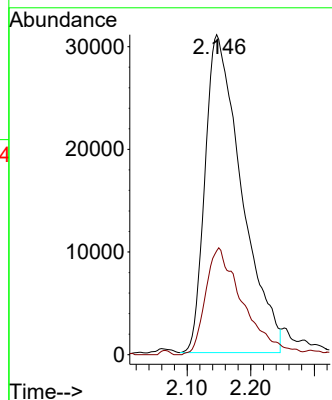
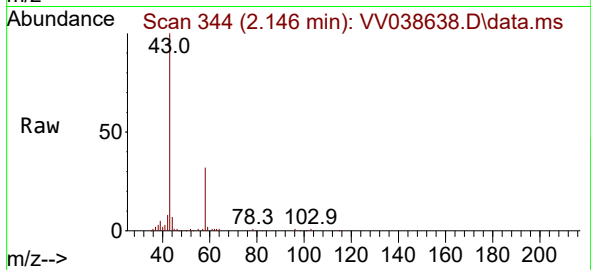




#13
Acetone
Concen: 45.77 ug/L
RT: 2.146 min Scan# 34
Delta R.T. 0.016 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56

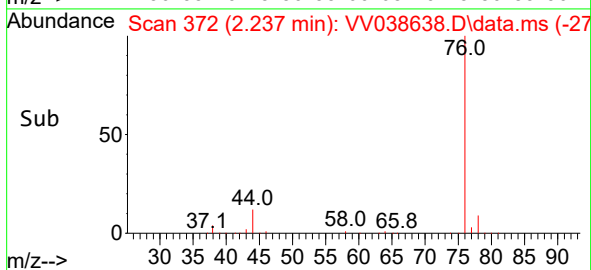
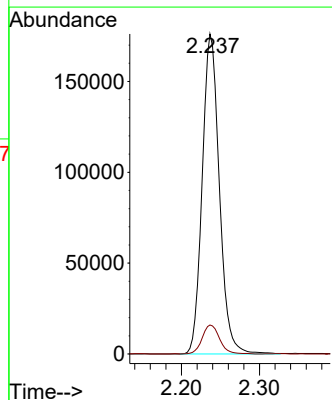
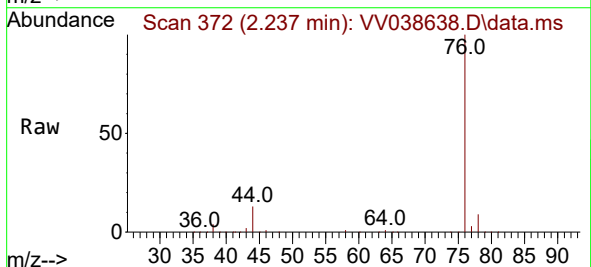
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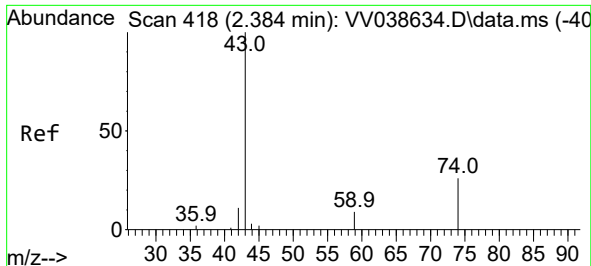
Tgt Ion: 43 Resp: 123629
Ion Ratio Lower Upper
43 100
58 34.3 0.0 67.4



#14
Carbon disulfide
Concen: 4.68 ug/L
RT: 2.237 min Scan# 372
Delta R.T. 0.001 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56

Tgt Ion: 76 Resp: 268890
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

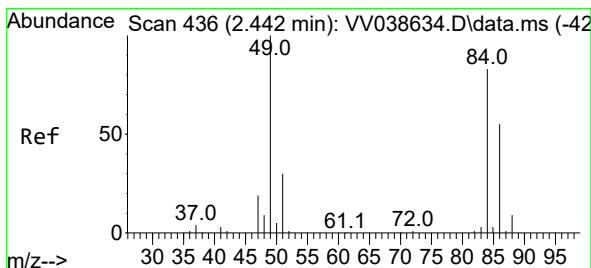
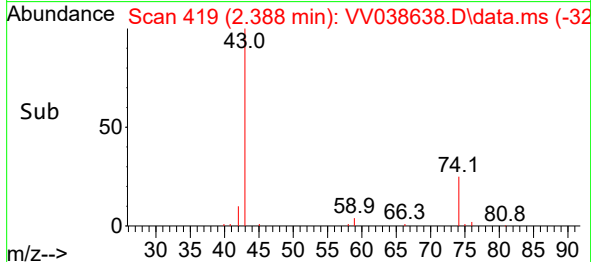
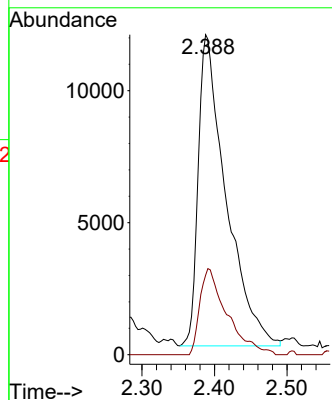
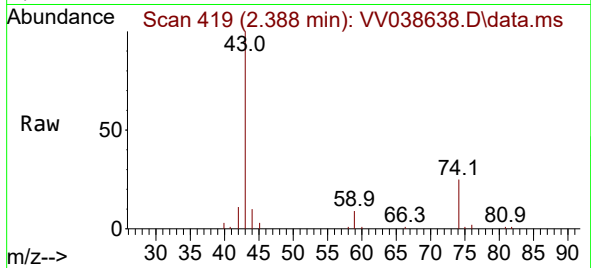




#15
Methyl Acetate
Concen: 4.52 ug/L
RT: 2.388 min Scan# 418
Delta R.T. 0.004 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56

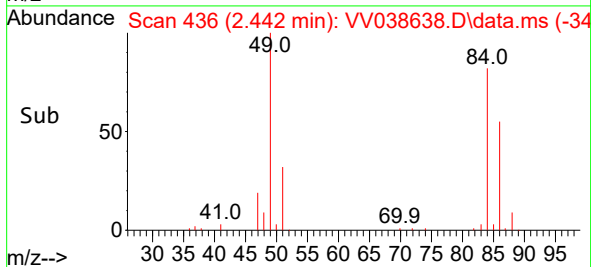
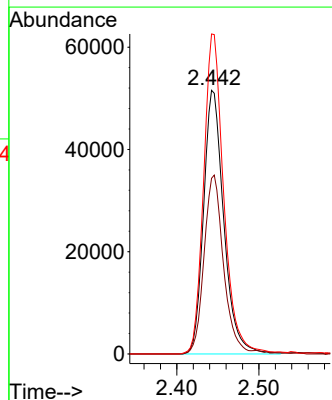
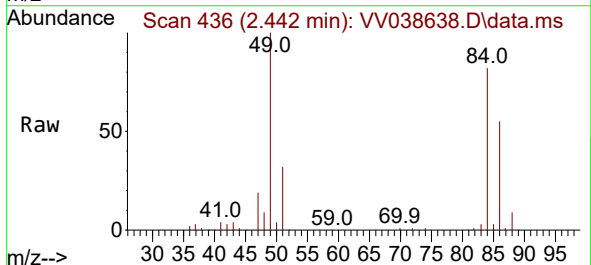
Instrument :
MSVOA_V
ClientSampleId :

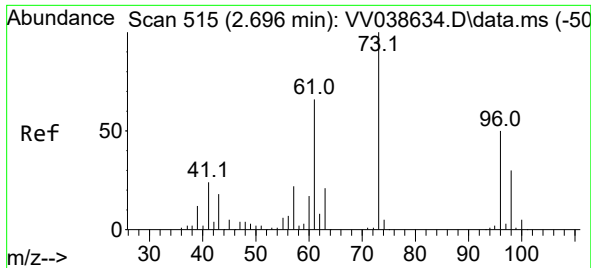
Tgt Ion: 43 Resp: 31431
Ion Ratio Lower Upper
43 100
74 26.9 18.6 27.8



#16
Methylene chloride
Concen: 4.46 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56

Tgt Ion: 84 Resp: 88341
Ion Ratio Lower Upper
84 100
86 66.6 46.0 85.4
49 121.4 83.9 155.9

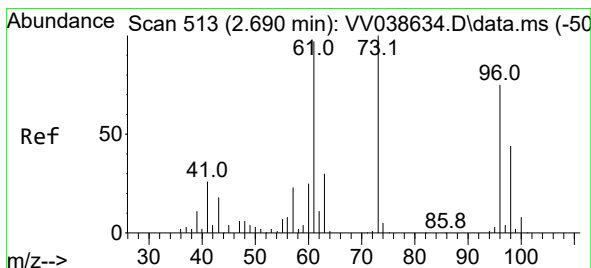
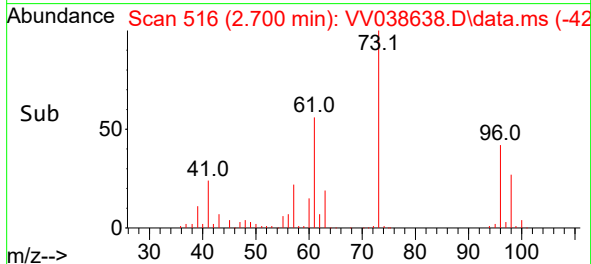
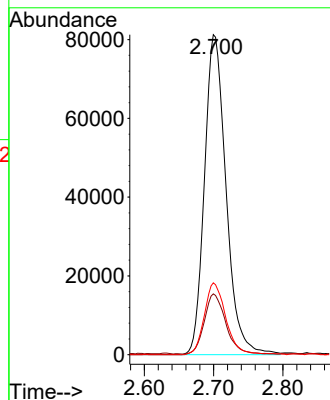
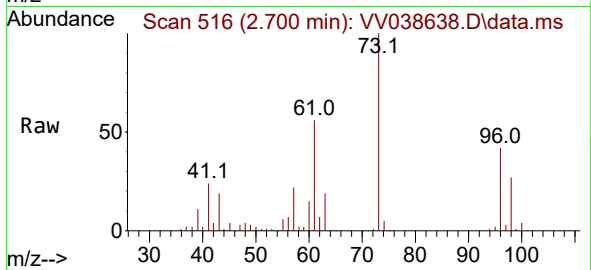




#17
Methyl tert-butyl Ether
Concen: 4.93 ug/L
RT: 2.700 min Scan# 515
Delta R.T. 0.004 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56

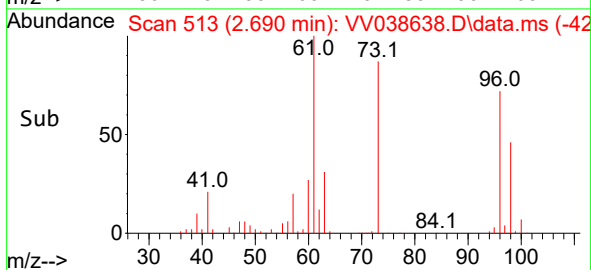
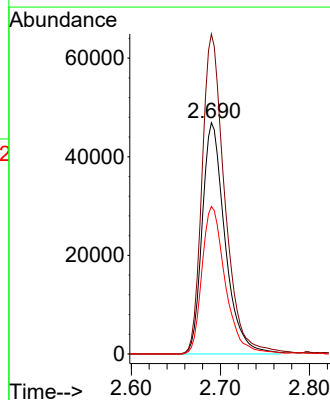
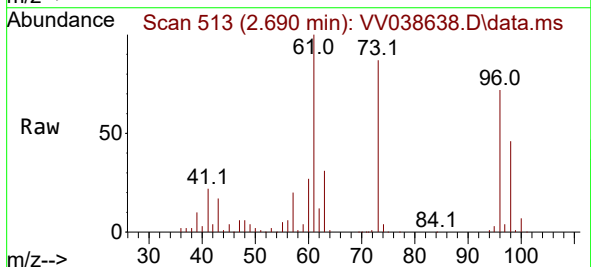
Instrument :
MSVOA_V
ClientSampleId :

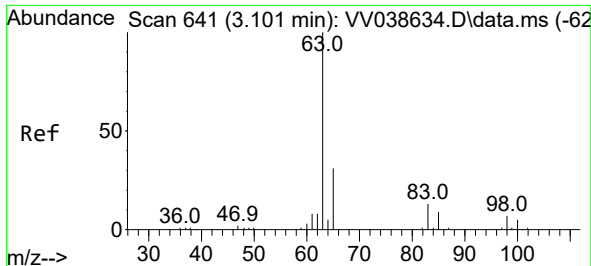
Tgt Ion: 73 Resp: 175904
Ion Ratio Lower Upper
73 100
43 18.6 14.6 22.0
57 22.3 18.2 27.2



#18
trans-1,2-Dichloroethene
Concen: 4.78 ug/L
RT: 2.690 min Scan# 513
Delta R.T. -0.000 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56

Tgt Ion: 96 Resp: 83447
Ion Ratio Lower Upper
96 100
61 138.4 91.4 169.8
98 63.8 41.6 77.2





#19

1,1-Dichloroethane

Concen: 4.76 ug/L

RT: 3.108 min Scan# 64

Delta R.T. 0.007 min

Lab File: VV038638.D

Acq: 06 Feb 2025 17:56

Instrument :

MSVOA_V

ClientSampleId :

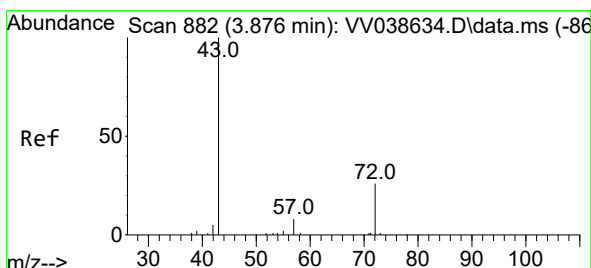
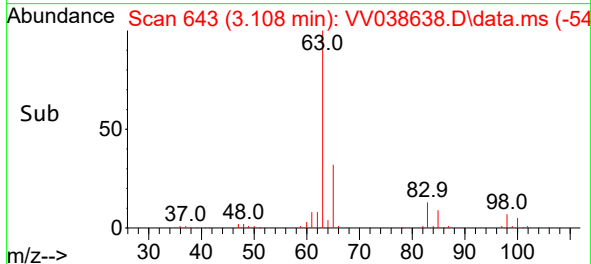
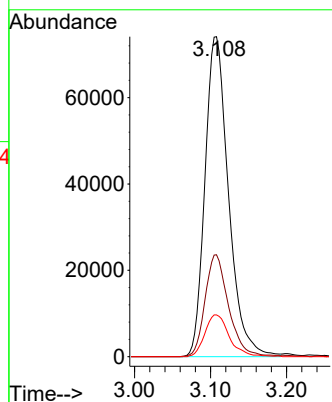
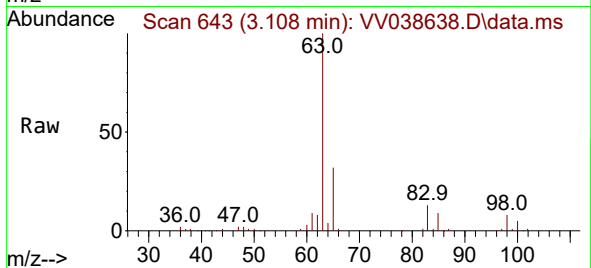
Tgt Ion: 63 Resp: 159668

Ion Ratio Lower Upper

63 100

65 31.9 21.8 40.4

83 13.0 9.2 17.2



#21

2-Butanone

Concen: 46.81 ug/L

RT: 3.892 min Scan# 887

Delta R.T. 0.016 min

Lab File: VV038638.D

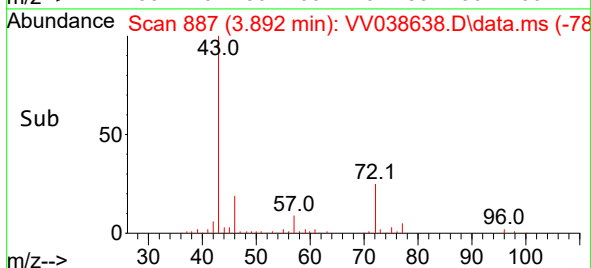
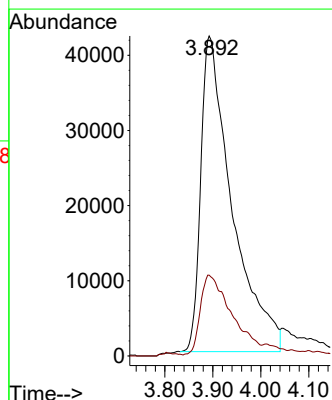
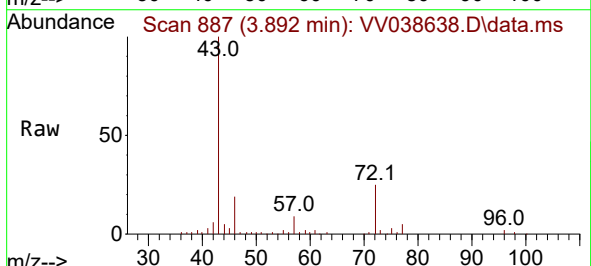
Acq: 06 Feb 2025 17:56

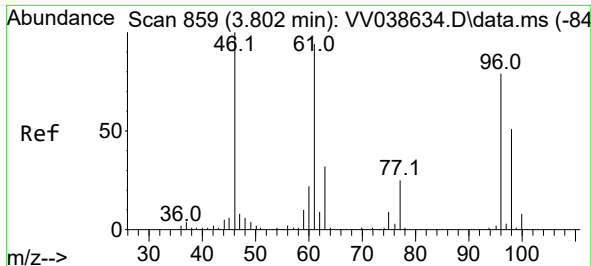
Tgt Ion: 43 Resp: 189808

Ion Ratio Lower Upper

43 100

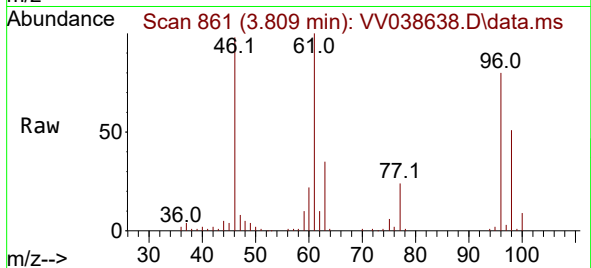
72 25.4 11.9 35.5



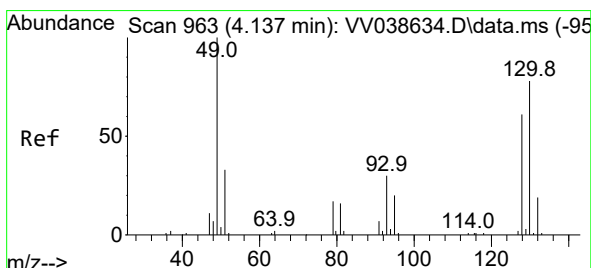
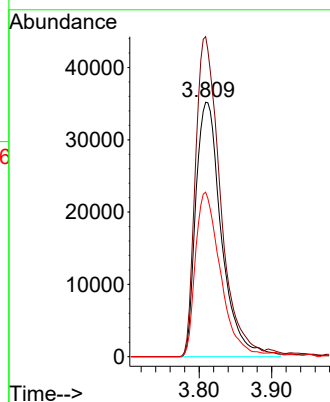
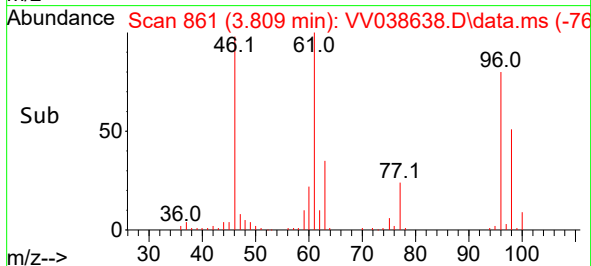


#22
 cis-1,2-Dichloroethene
 Concen: 4.79 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. 0.007 min
 Lab File: VV038638.D
 Acq: 06 Feb 2025 17:56

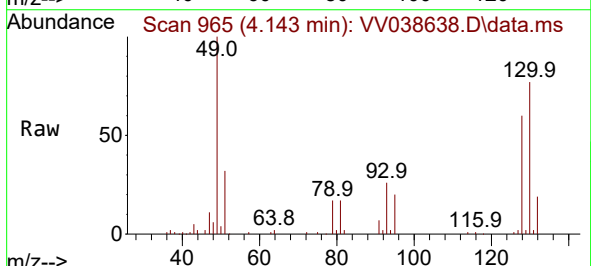
Instrument :
 MSVOA_V
 ClientSampleId :



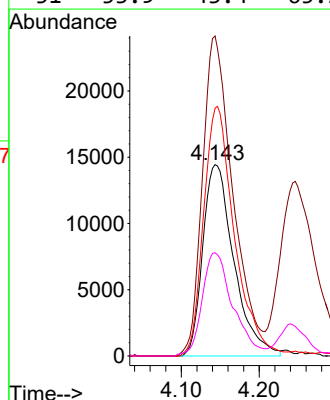
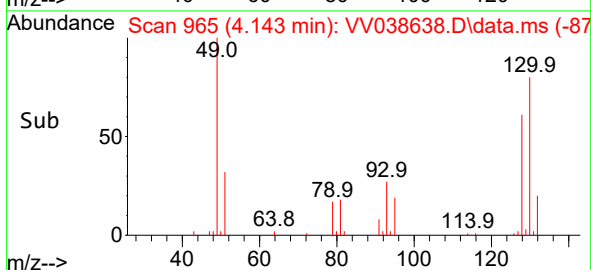
Tgt Ion: 96 Resp: 86111
 Ion Ratio Lower Upper
 96 100
 61 125.8 83.6 155.2
 98 64.7 45.6 84.8

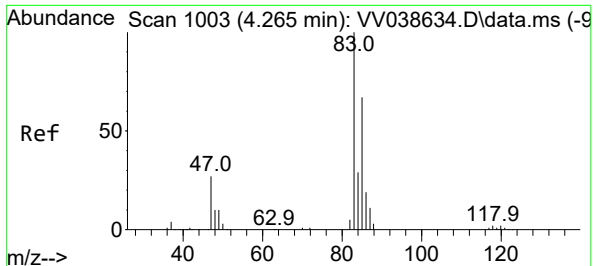


#23
 Bromochloromethane
 Concen: 4.67 ug/L
 RT: 4.143 min Scan# 965
 Delta R.T. 0.006 min
 Lab File: VV038638.D
 Acq: 06 Feb 2025 17:56



Tgt Ion: 128 Resp: 39981
 Ion Ratio Lower Upper
 128 100
 49 167.2 116.0 215.4
 130 129.5 90.2 167.6
 51 53.9 43.4 65.2





#25

Chloroform

Concen: 4.83 ug/L

RT: 4.269 min Scan# 1003

Delta R.T. 0.004 min

Lab File: VV038638.D

Acq: 06 Feb 2025 17:56

Instrument :

MSVOA_V

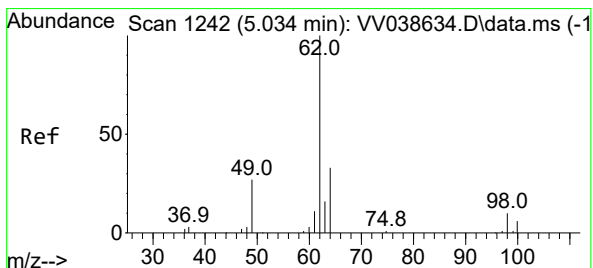
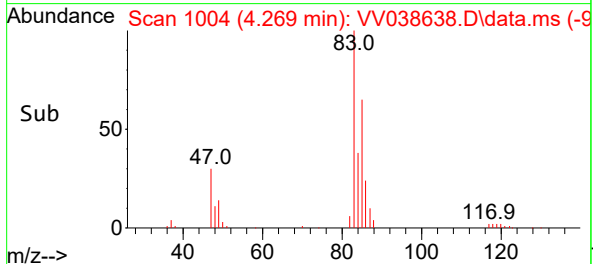
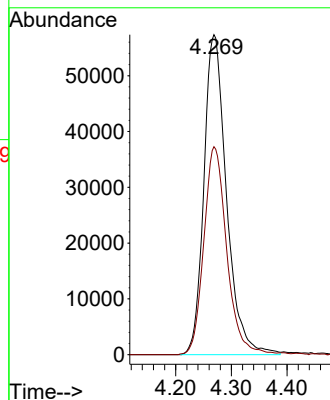
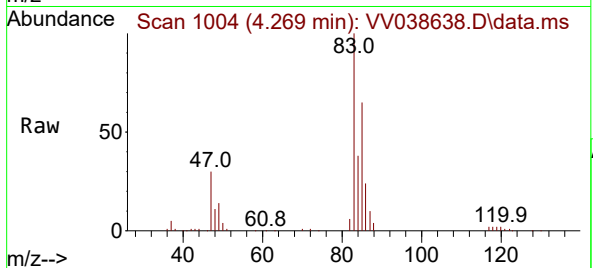
ClientSampleId :

Tgt Ion: 83 Resp: 161958

Ion Ratio Lower Upper

83 100

85 65.0 47.2 87.6



#27

1,2-Dichloroethane

Concen: 4.74 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV038638.D

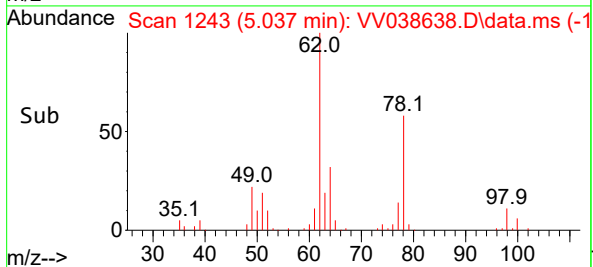
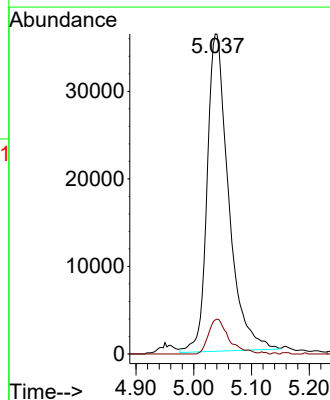
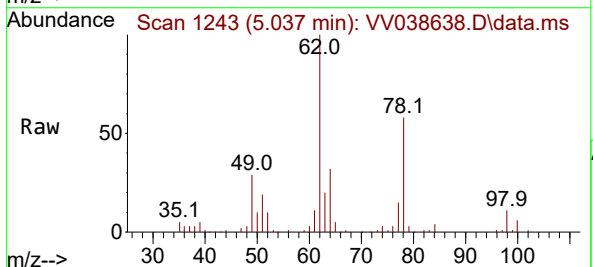
Acq: 06 Feb 2025 17:56

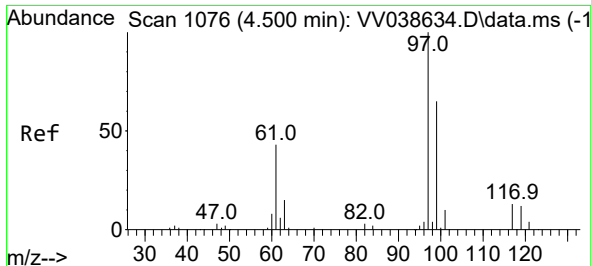
Tgt Ion: 62 Resp: 93621

Ion Ratio Lower Upper

62 100

98 10.7 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 4.63 ug/L

RT: 4.503 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VV038638.D

Acq: 06 Feb 2025 17:56

Instrument :

MSVOA_V

ClientSampleId :

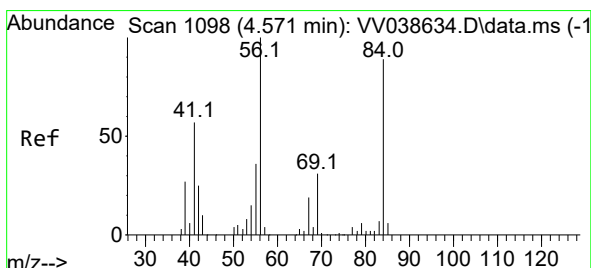
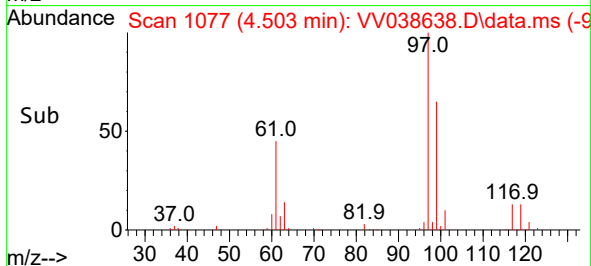
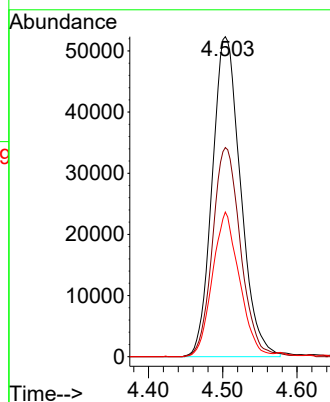
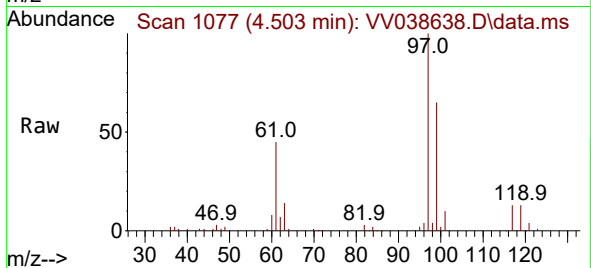
Tgt Ion: 97 Resp: 138763

Ion Ratio Lower Upper

97 100

99 64.7 50.9 76.3

61 43.1 35.8 53.6



#30

Cyclohexane

Concen: 4.83 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.003 min

Lab File: VV038638.D

Acq: 06 Feb 2025 17:56

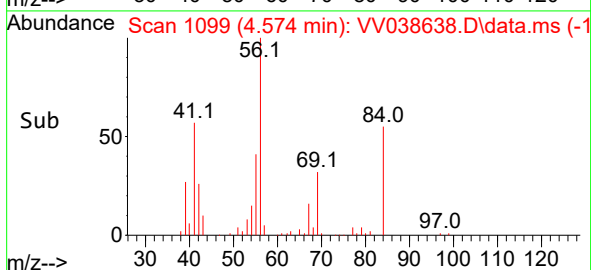
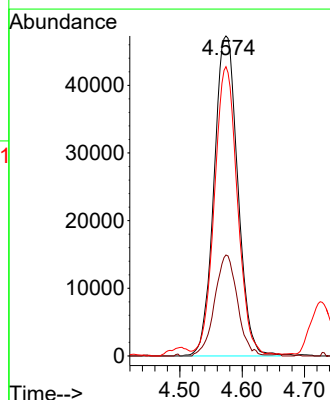
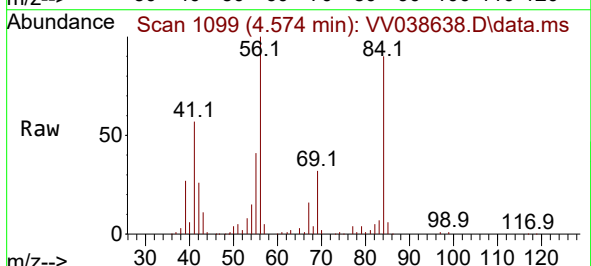
Tgt Ion: 56 Resp: 124983

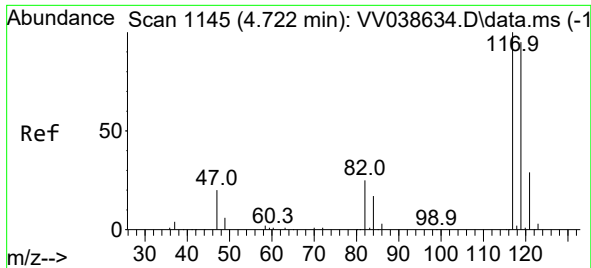
Ion Ratio Lower Upper

56 100

69 30.4 24.0 36.0

84 86.6 72.7 109.1

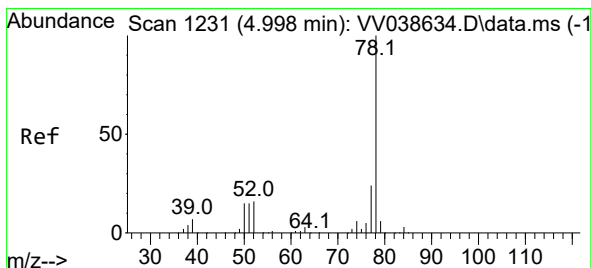
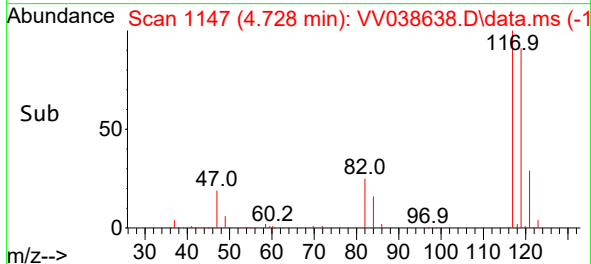
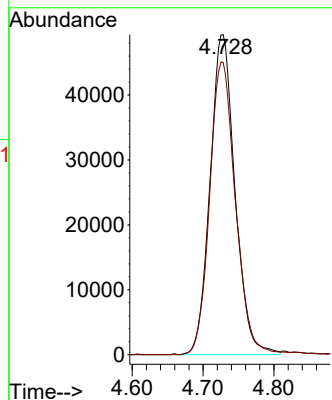
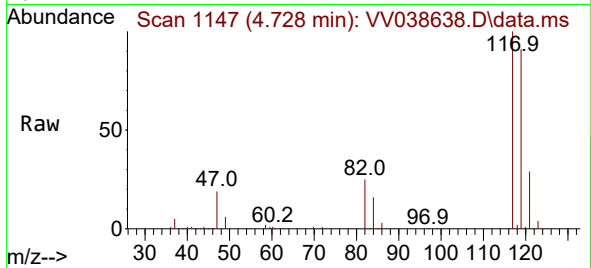




#31
Carbon tetrachloride
Concen: 4.61 ug/L
RT: 4.728 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56

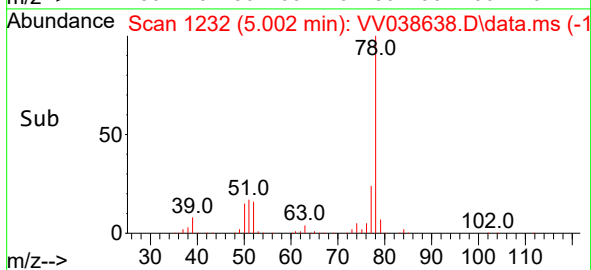
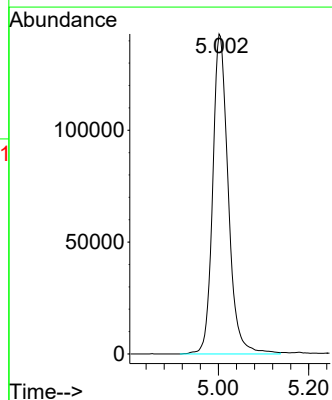
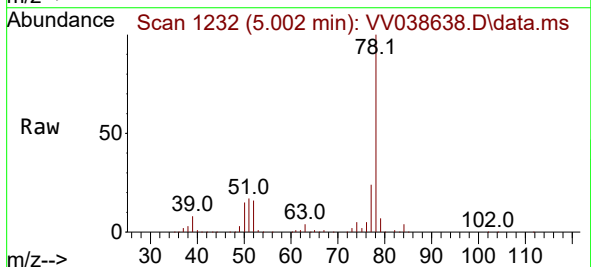
Instrument :
MSVOA_V
ClientSampleId :

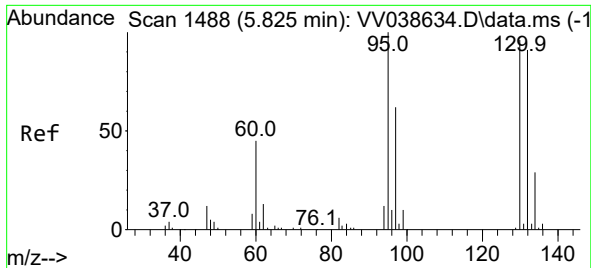
Tgt Ion:117 Resp: 120266
Ion Ratio Lower Upper
117 100
119 94.7 76.5 114.7



#33
Benzene
Concen: 5.08 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.004 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56

Tgt Ion: 78 Resp: 341591

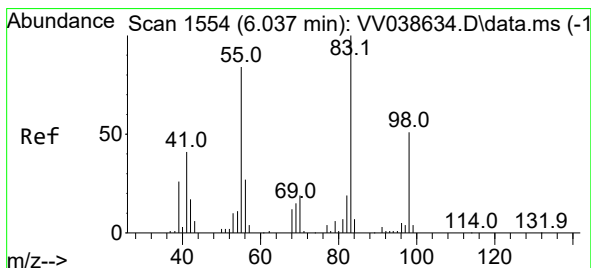
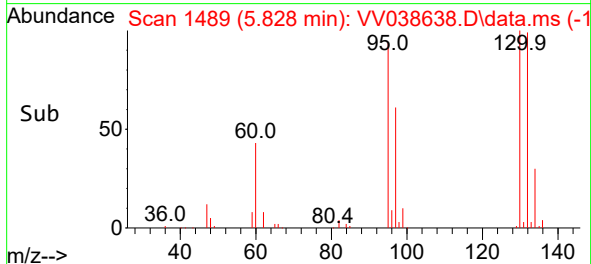
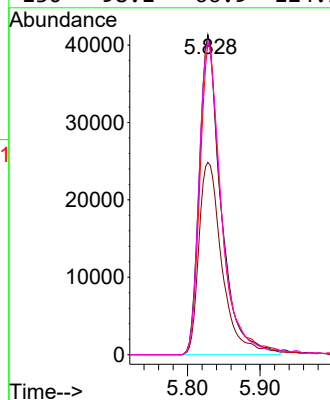
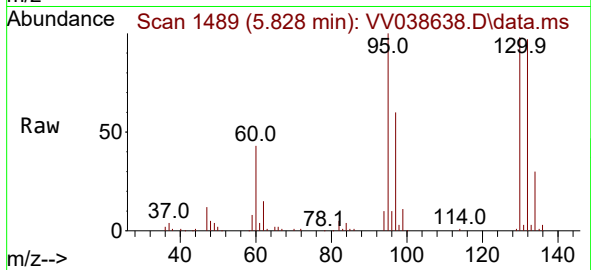




#34
Trichloroethene
Concen: 4.99 ug/L
RT: 5.828 min Scan# 1488
Delta R.T. 0.003 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56

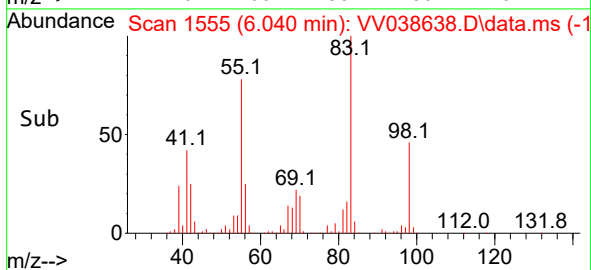
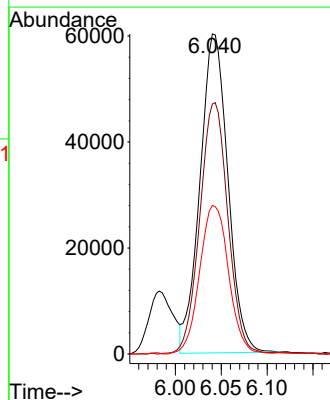
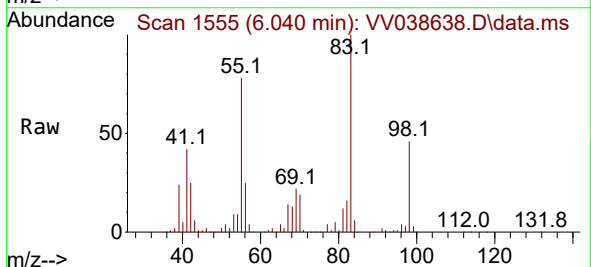
Instrument :
MSVOA_V
ClientSampleId :

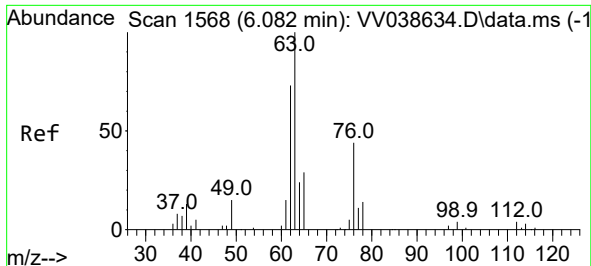
Tgt Ion: 95 Resp: 86153
Ion Ratio Lower Upper
95 100
97 60.1 43.5 80.9
132 97.3 64.0 118.8
130 98.1 66.9 124.3



#35
Methylcyclohexane
Concen: 4.69 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.003 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56

Tgt Ion: 83 Resp: 127402
Ion Ratio Lower Upper
83 100
55 79.4 62.6 94.0
98 48.3 38.7 58.1





#37

1,2-Dichloropropane

Concen: 5.34 ug/L

RT: 6.085 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038638.D

Acq: 06 Feb 2025 17:56

Instrument :

MSVOA_V

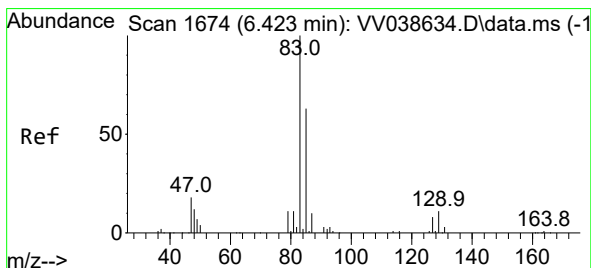
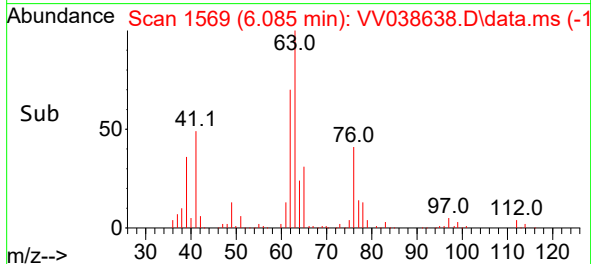
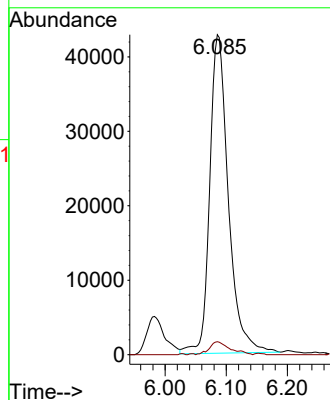
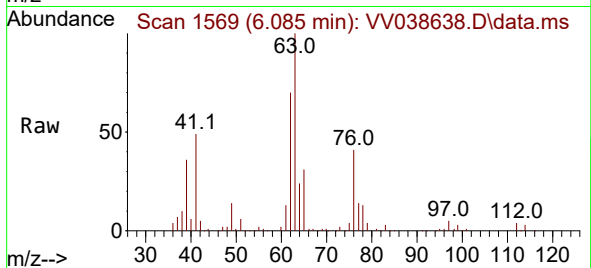
ClientSampleId :

Tgt Ion: 63 Resp: 90752

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 4.69 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. 0.003 min

Lab File: VV038638.D

Acq: 06 Feb 2025 17:56

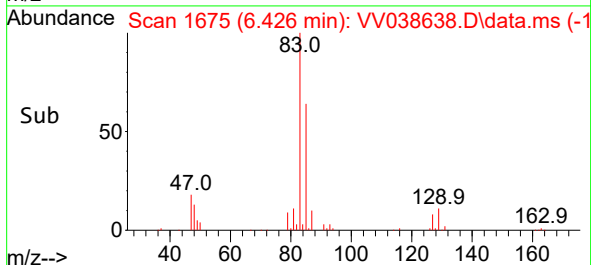
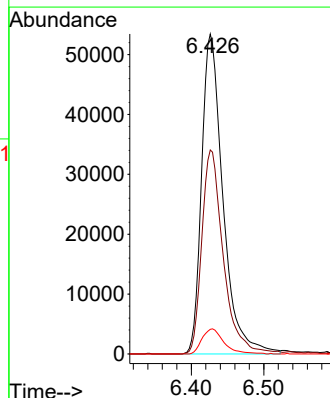
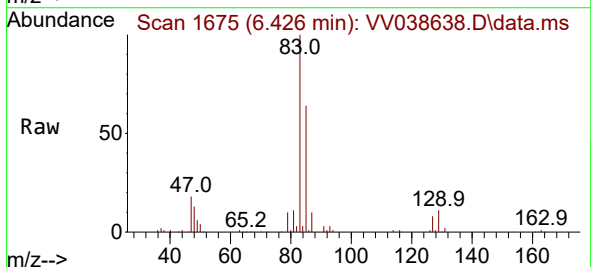
Tgt Ion: 83 Resp: 109399

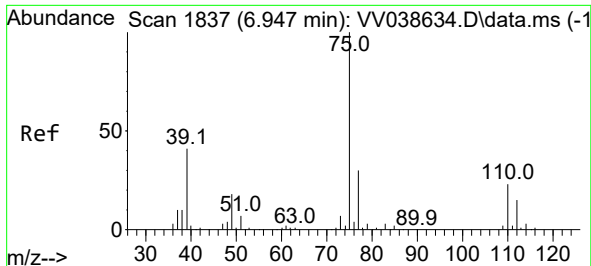
Ion Ratio Lower Upper

83 100

85 63.8 44.0 81.6

127 7.7 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 5.12 ug/L

RT: 6.947 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038638.D

Acq: 06 Feb 2025 17:56

Instrument :

MSVOA_V

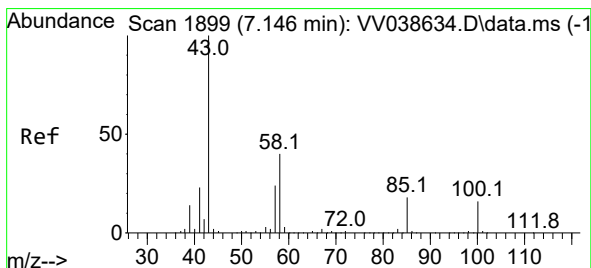
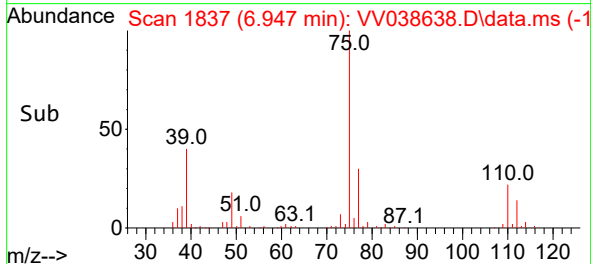
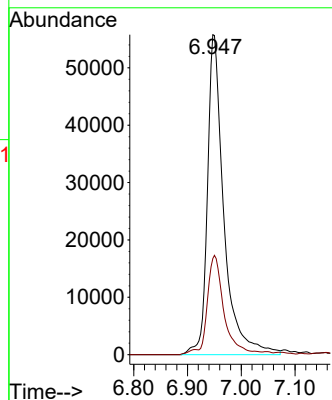
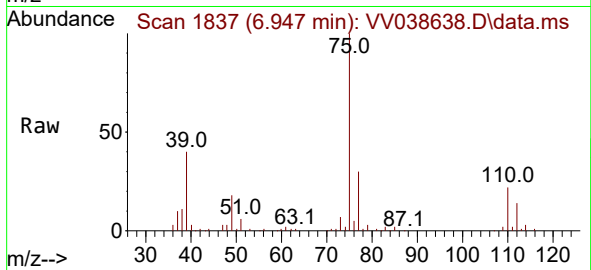
ClientSampleId :

Tgt Ion: 75 Resp: 118329

Ion Ratio Lower Upper

75 100

77 30.1 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 55.01 ug/L

RT: 7.149 min Scan# 1900

Delta R.T. 0.003 min

Lab File: VV038638.D

Acq: 06 Feb 2025 17:56

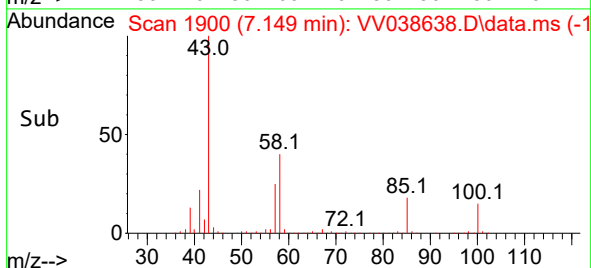
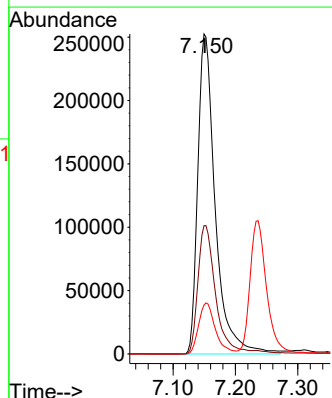
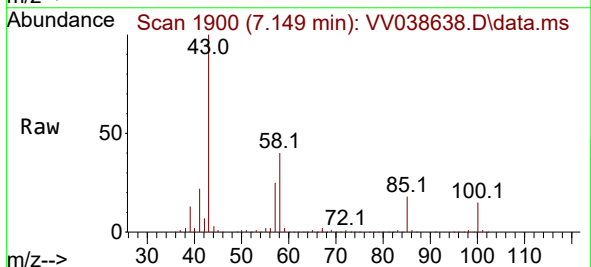
Tgt Ion: 43 Resp: 490719

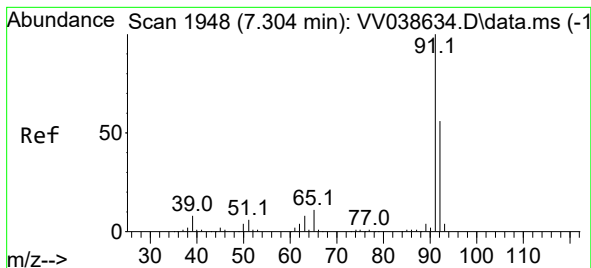
Ion Ratio Lower Upper

43 100

58 40.3 31.1 46.7

100 15.3 12.0 18.0





#42

Toluene

Concen: 5.11 ug/L

RT: 7.307 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VV038638.D

Acq: 06 Feb 2025 17:56

Instrument :

MSVOA_V

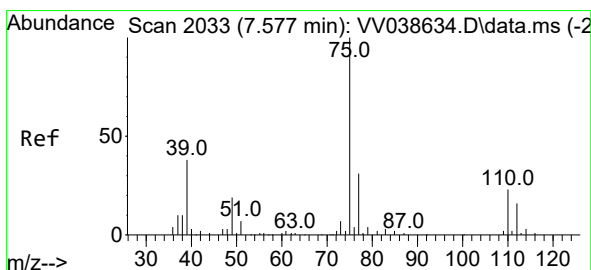
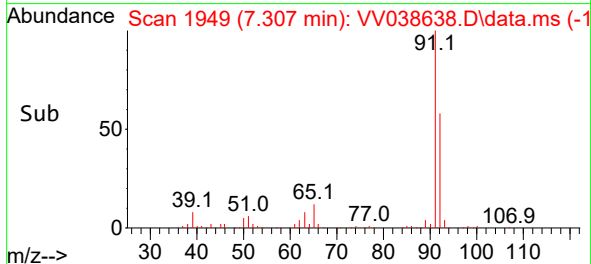
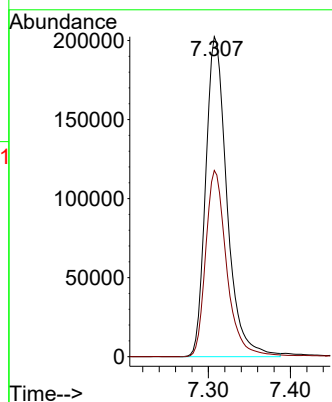
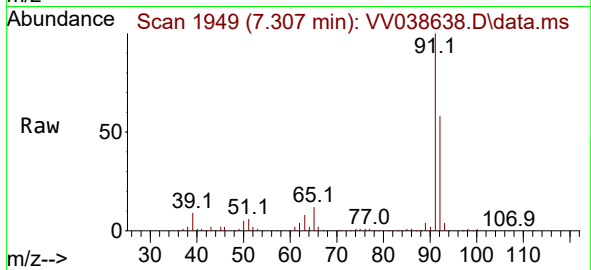
ClientSampleId :

Tgt Ion: 91 Resp: 365044

Ion Ratio Lower Upper

91 100

92 58.2 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 5.27 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV038638.D

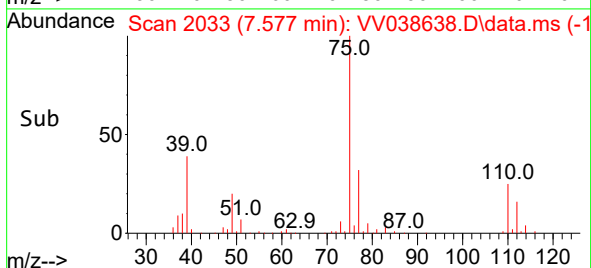
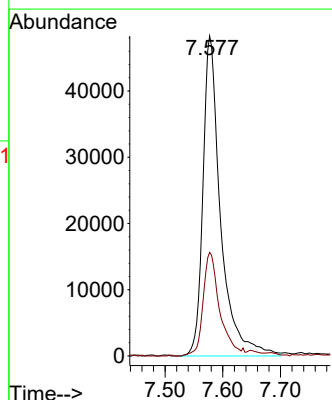
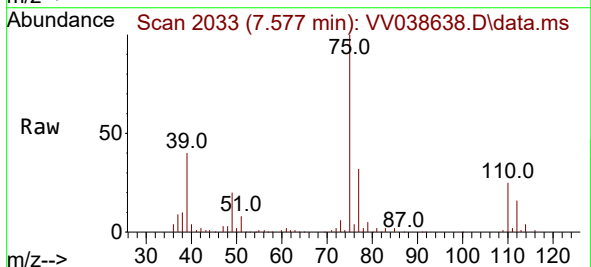
Acq: 06 Feb 2025 17:56

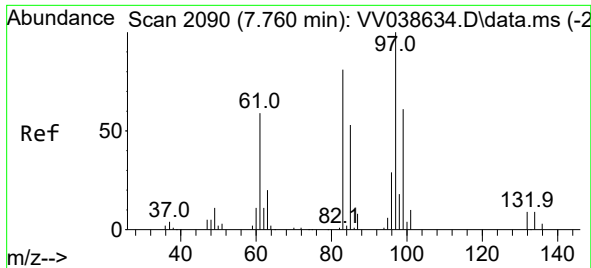
Tgt Ion: 75 Resp: 102522

Ion Ratio Lower Upper

75 100

77 32.3 21.4 39.8



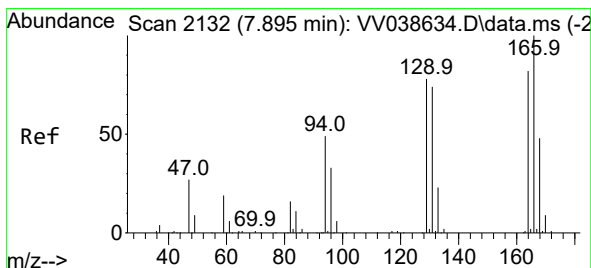
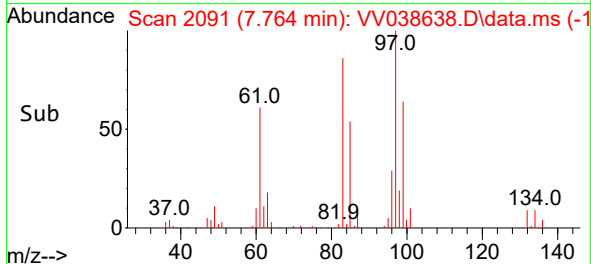
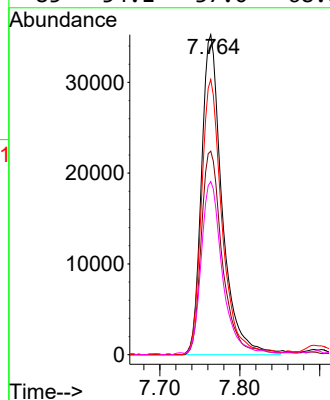
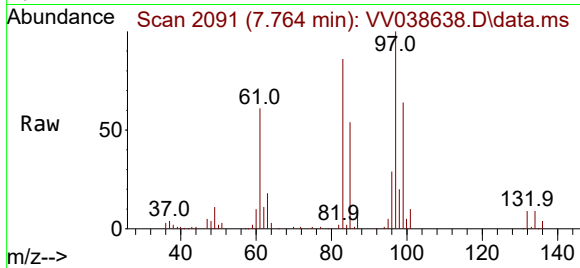


#45
1,1,2-Trichloroethane
Concen: 4.77 ug/L
RT: 7.764 min Scan# 2090
Delta R.T. 0.004 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 63407

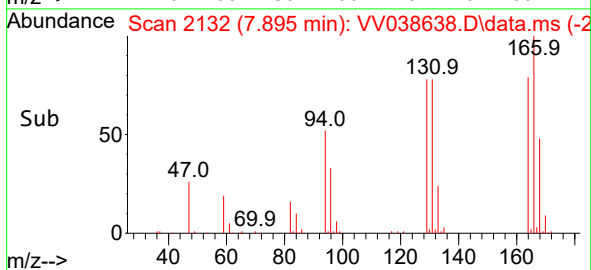
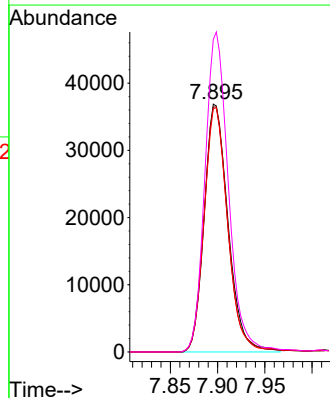
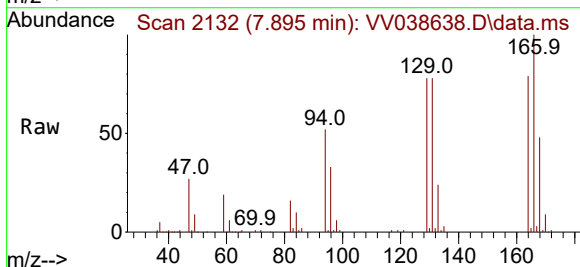
Ion	Ratio	Lower	Upper
97	100		
99	63.6	42.7	79.3
83	86.0	57.2	106.2
85	54.1	37.0	68.8

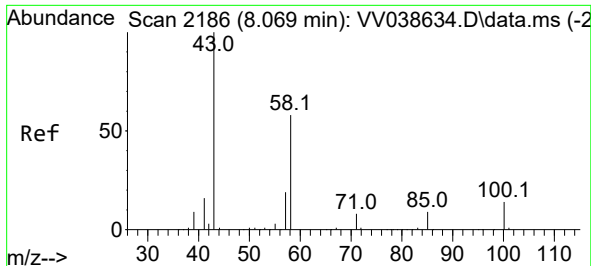


#47
Tetrachloroethene
Concen: 4.81 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56

Tgt Ion: 164 Resp: 64578

Ion	Ratio	Lower	Upper
164	100		
129	98.8	66.3	123.1
131	98.2	63.2	117.4
166	126.2	85.4	158.6

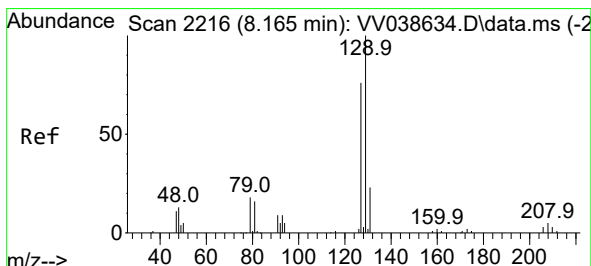
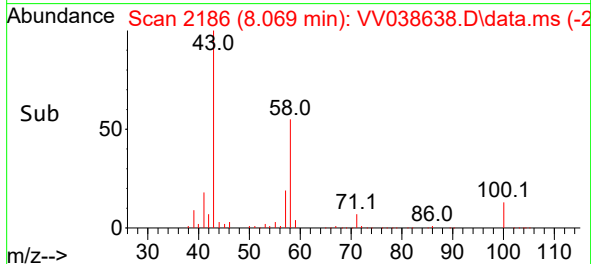
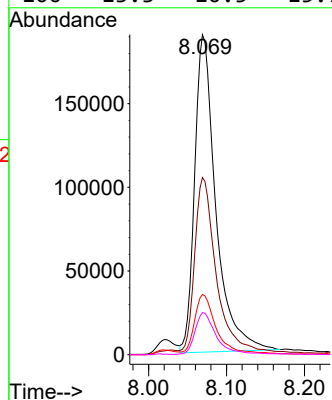
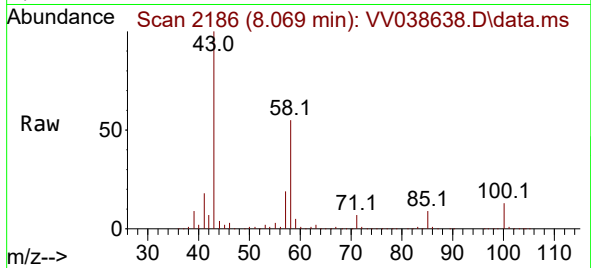




#48
2-Hexanone
Concen: 54.50 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56

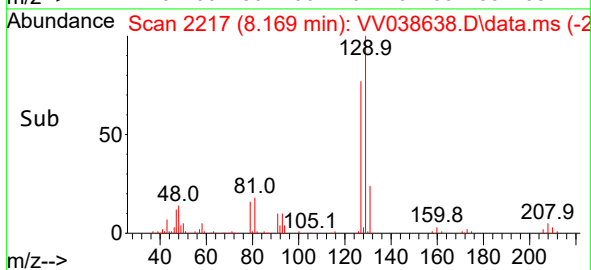
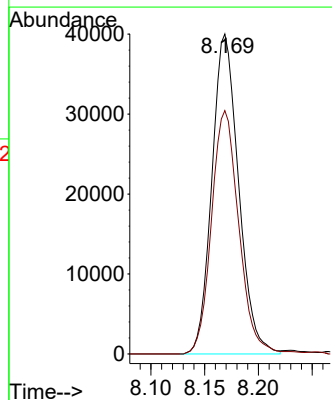
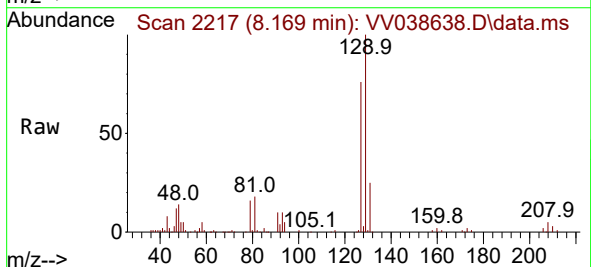
Instrument :
MSVOA_V
ClientSampleId :

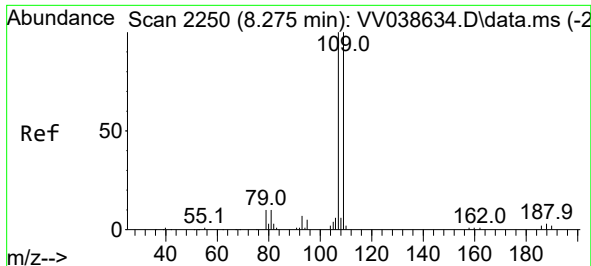
Tgt Ion: 43 Resp: 358730
Ion Ratio Lower Upper
43 100
58 57.8 46.1 69.1
57 19.5 15.0 22.6
100 13.3 10.5 15.7



#49
Dibromochloromethane
Concen: 4.69 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.004 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56

Tgt Ion: 129 Resp: 69101
Ion Ratio Lower Upper
129 100
127 76.1 53.5 99.3





#50

1,2-Dibromoethane

Concen: 4.97 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV038638.D

Acq: 06 Feb 2025 17:56

Instrument :

MSVOA_V

ClientSampleId :

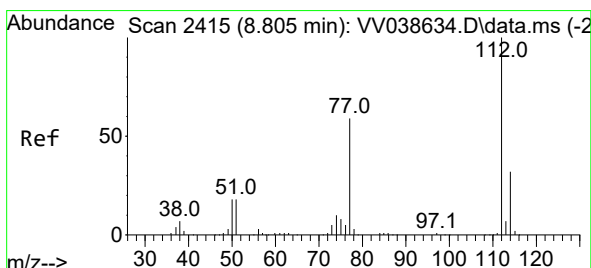
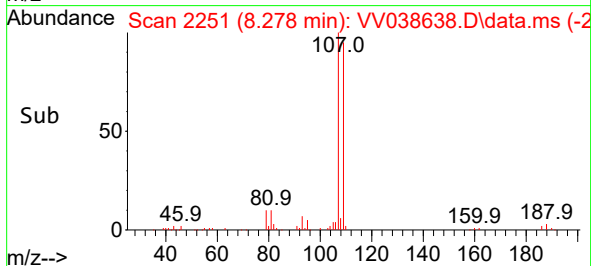
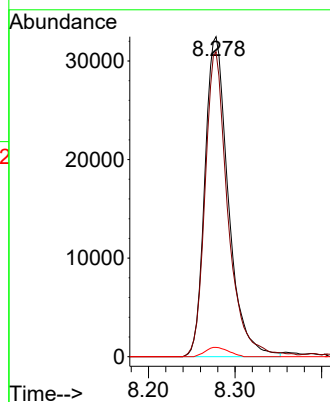
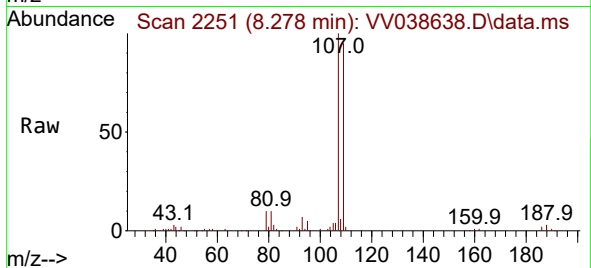
Tgt Ion:107 Resp: 61035

Ion Ratio Lower Upper

107 100

109 95.3 70.2 130.4

188 2.9 2.8 4.2



#51

Chlorobenzene

Concen: 4.84 ug/L

RT: 8.805 min Scan# 2415

Delta R.T. 0.000 min

Lab File: VV038638.D

Acq: 06 Feb 2025 17:56

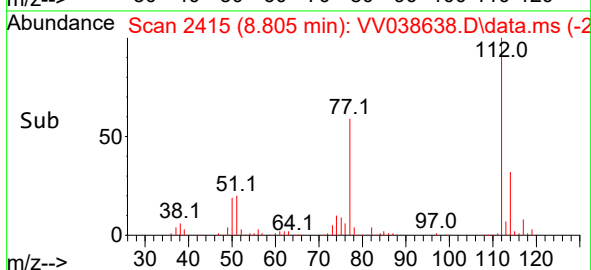
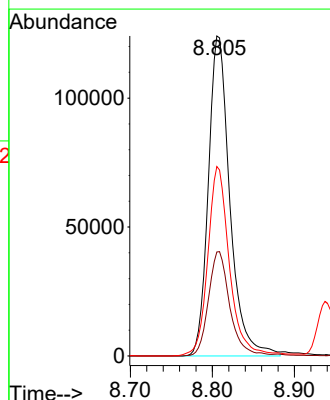
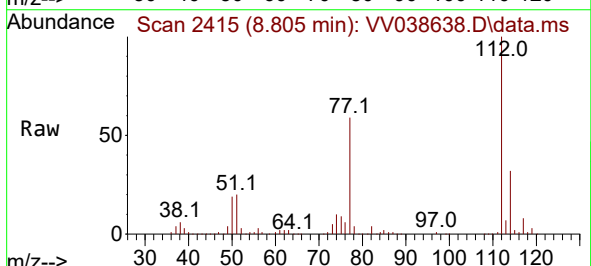
Tgt Ion:112 Resp: 226953

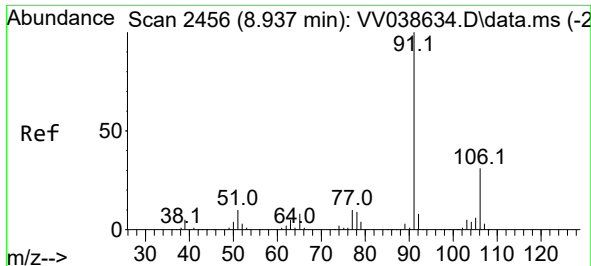
Ion Ratio Lower Upper

112 100

114 32.5 22.6 42.0

77 59.2 47.0 70.6

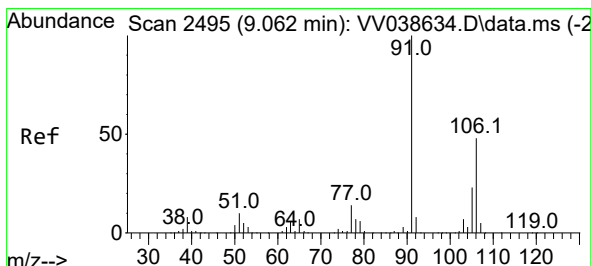
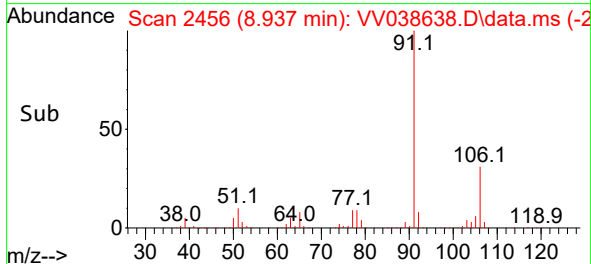
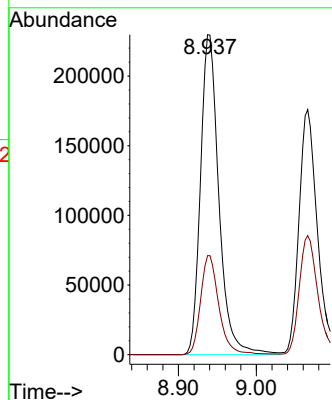
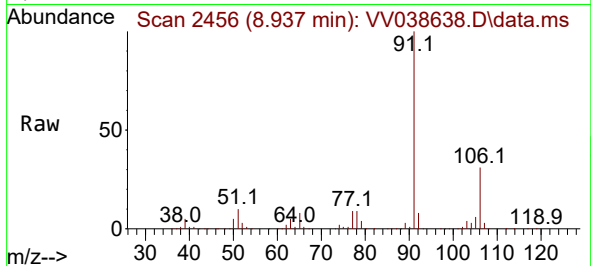




#52
Ethylbenzene
Concen: 4.97 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56

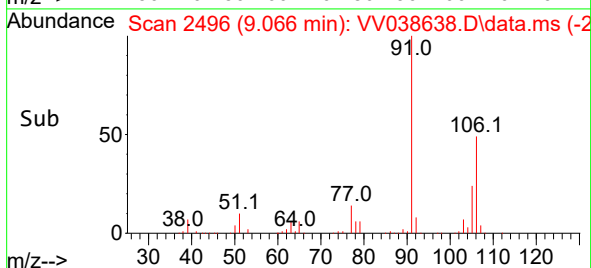
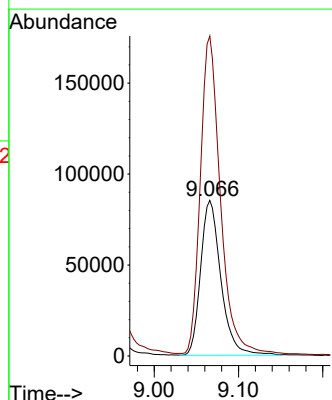
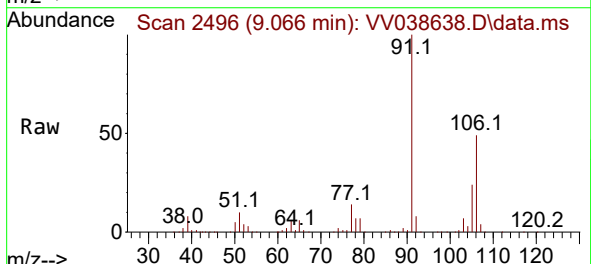
Instrument :
MSVOA_V
ClientSampleId :

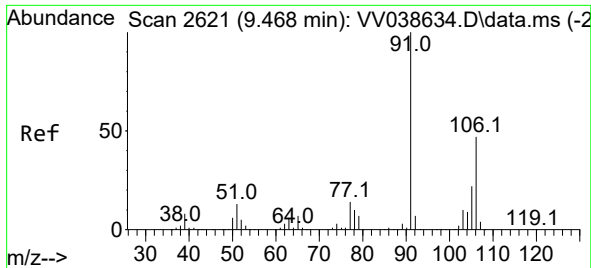
Tgt Ion: 91 Resp: 376742
Ion Ratio Lower Upper
91 100
106 30.9 21.3 39.6



#53
m,p-Xylene
Concen: 5.11 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.004 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56

Tgt Ion: 106 Resp: 142680
Ion Ratio Lower Upper
106 100
91 205.8 146.3 271.7

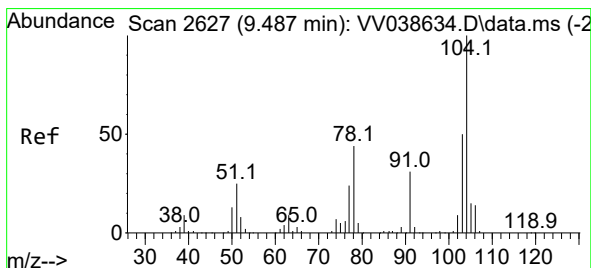
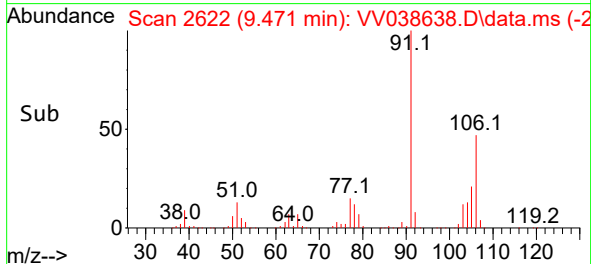
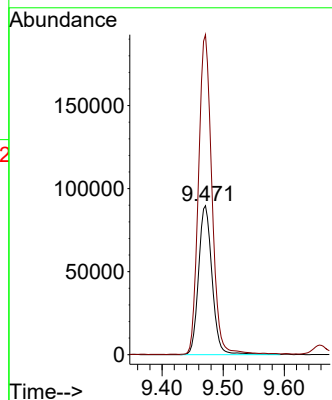
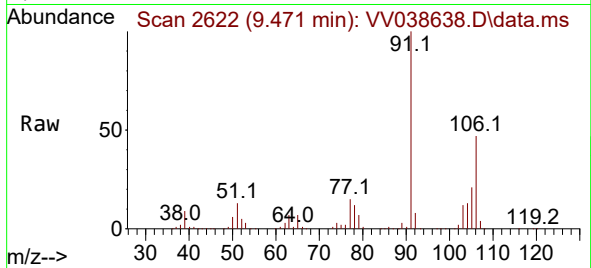




#54
o-Xylene
Concen: 5.06 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56

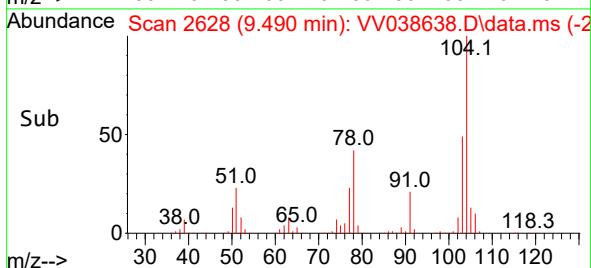
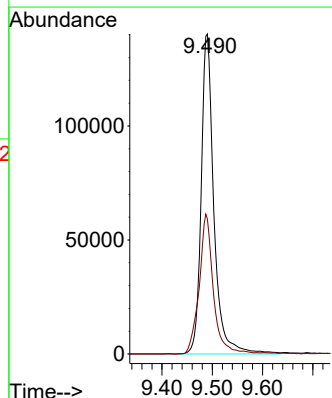
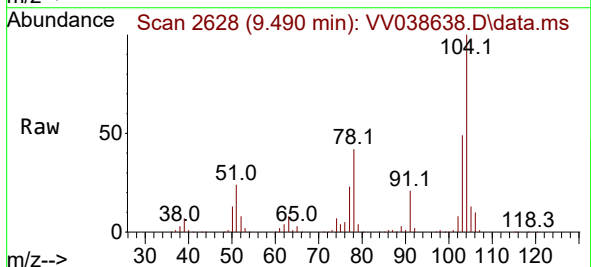
Instrument :
MSVOA_V
ClientSampleId :

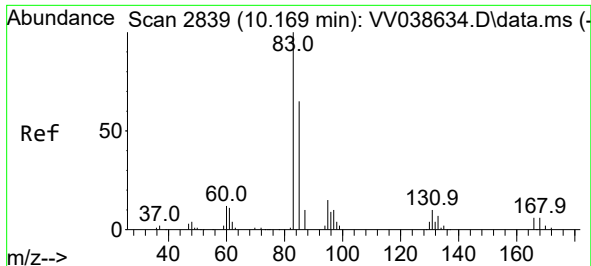
Tgt Ion:106 Resp: 137787
Ion Ratio Lower Upper
106 100
91 214.8 150.8 280.0



#55
Styrene
Concen: 5.38 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56

Tgt Ion:104 Resp: 247551
Ion Ratio Lower Upper
104 100
78 42.1 30.5 56.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.83 ug/L

RT: 10.169 min Scan# 2839

Delta R.T. -0.000 min

Lab File: VV038638.D

Acq: 06 Feb 2025 17:56

Instrument :

MSVOA_V

ClientSampleId :

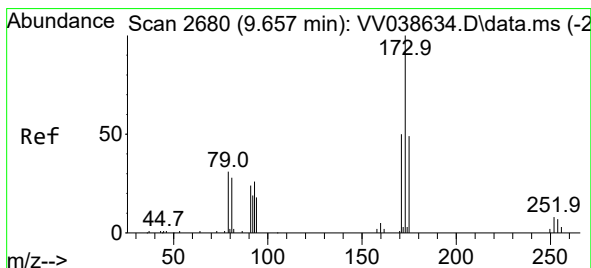
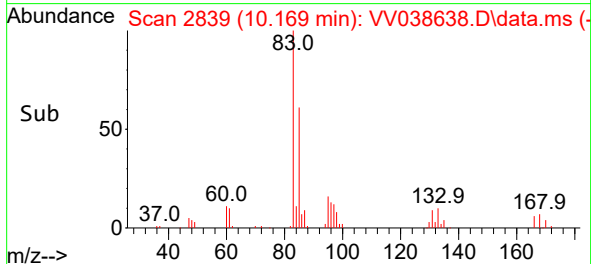
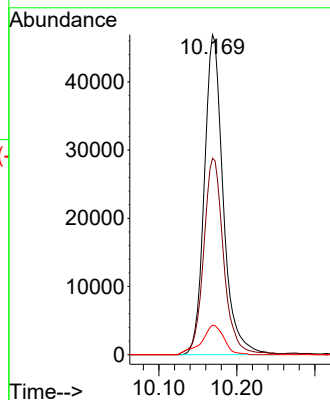
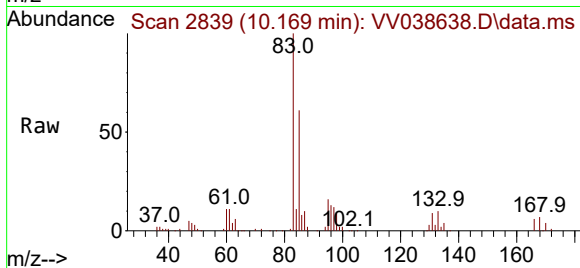
Tgt Ion: 83 Resp: 79022

Ion Ratio Lower Upper

83 100

85 61.4 46.1 85.5

131 9.2 8.5 12.7



#59

Bromoform

Concen: 4.54 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. 0.000 min

Lab File: VV038638.D

Acq: 06 Feb 2025 17:56

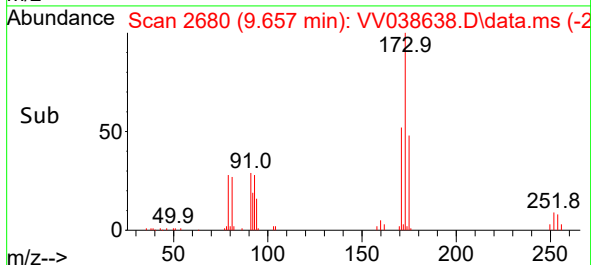
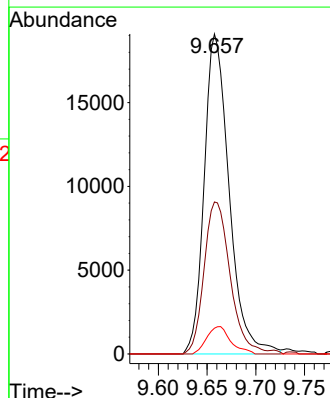
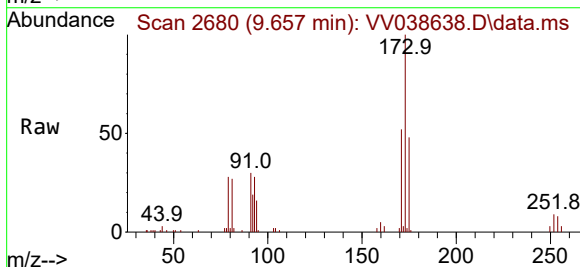
Tgt Ion: 173 Resp: 33944

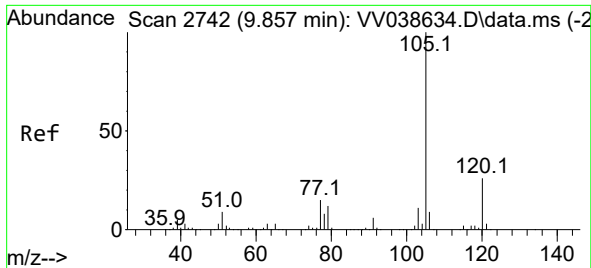
Ion Ratio Lower Upper

173 100

175 49.6 39.5 59.3

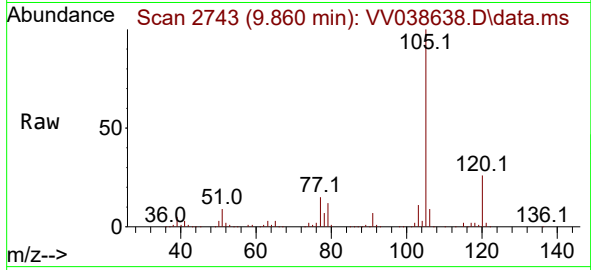
254 8.2 5.7 8.5



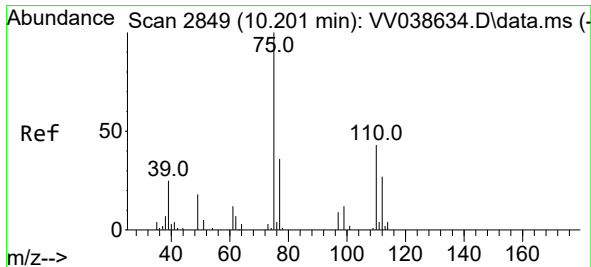
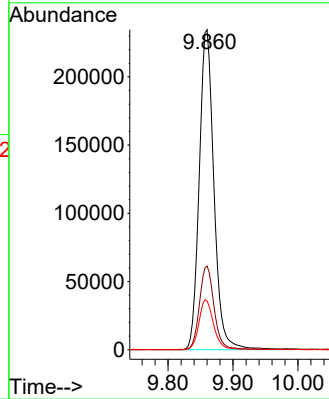
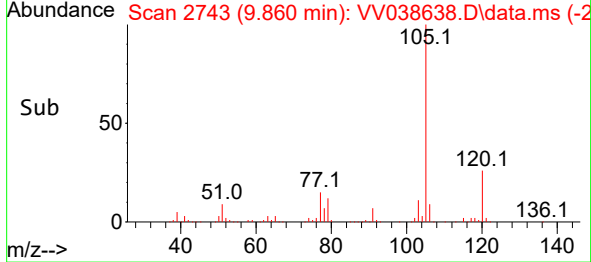


#60
Isopropylbenzene
Concen: 5.02 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56

Instrument :
MSVOA_V
ClientSampleId :

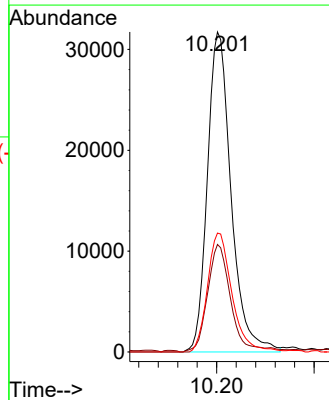
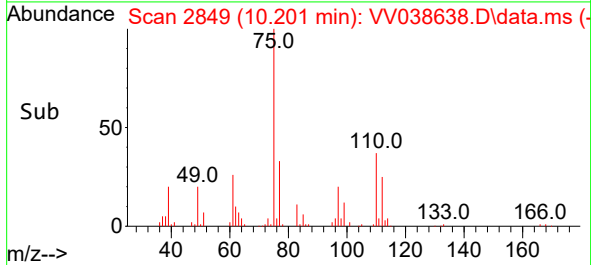
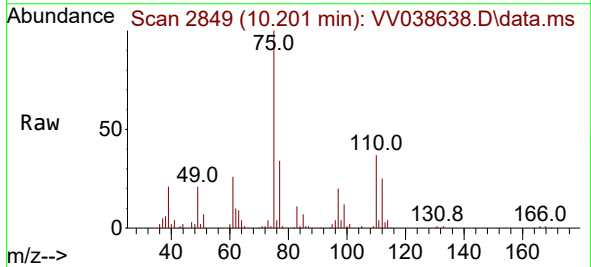


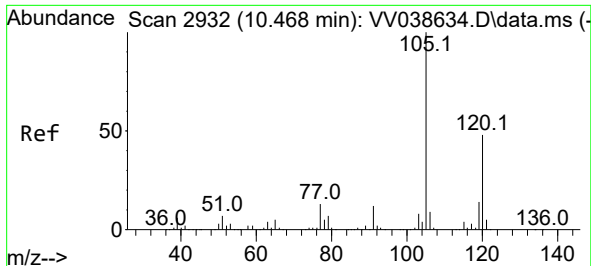
Tgt Ion:105 Resp: 369922
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.4
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.66 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.000 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56

Tgt Ion: 75 Resp: 53651
Ion Ratio Lower Upper
75 100
77 33.0 25.5 38.3
110 38.3 30.9 46.3

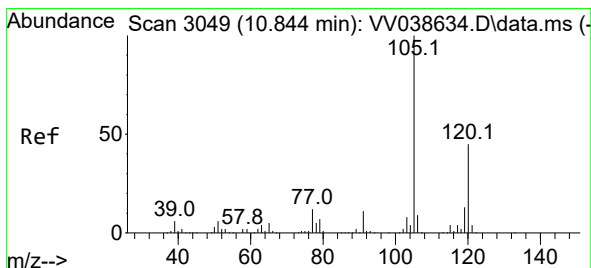
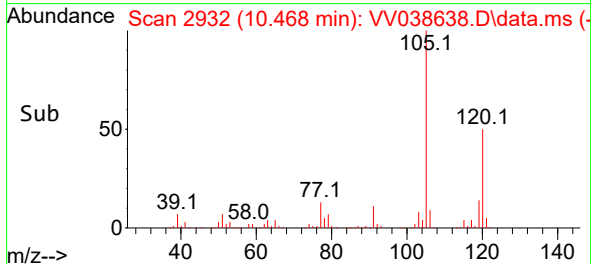
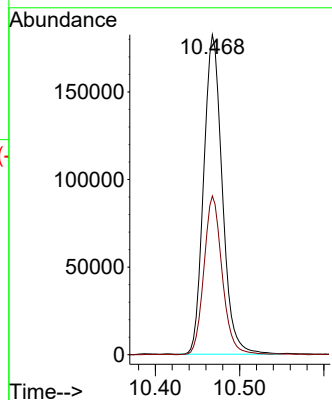
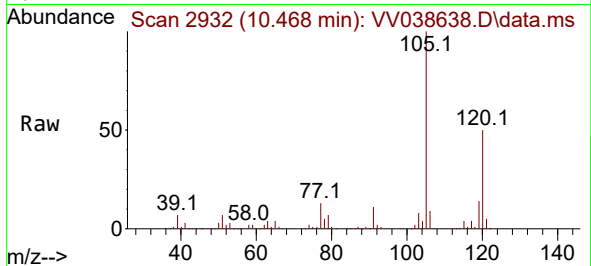




#62
 1,3,5-Trimethylbenzene
 Concen: 4.84 ug/L
 RT: 10.468 min Scan# 2932
 Delta R.T. -0.000 min
 Lab File: VV038638.D
 Acq: 06 Feb 2025 17:56

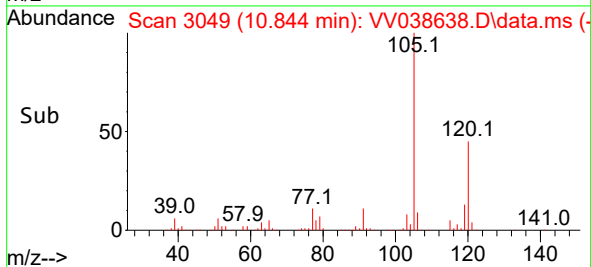
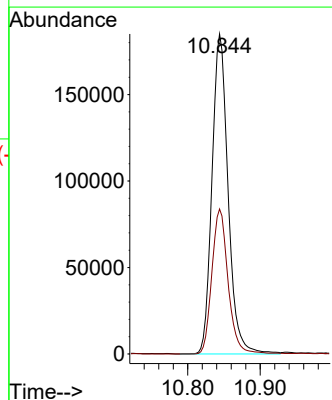
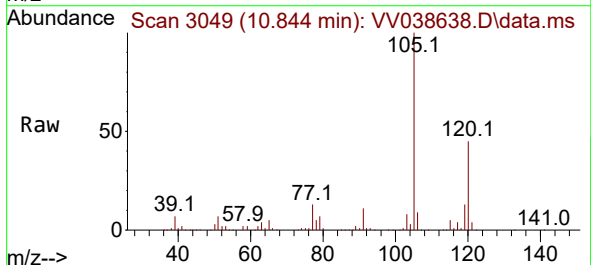
Instrument :
 MSVOA_V
 ClientSampleId :

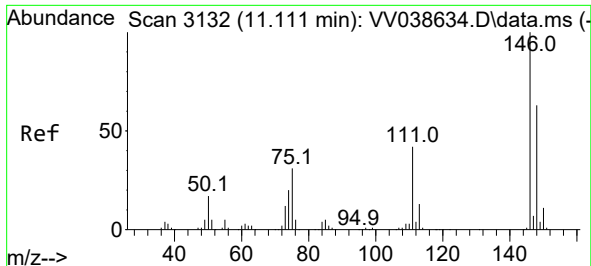
Tgt Ion:105 Resp: 280936
 Ion Ratio Lower Upper
 105 100
 120 48.8 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 4.95 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. -0.000 min
 Lab File: VV038638.D
 Acq: 06 Feb 2025 17:56

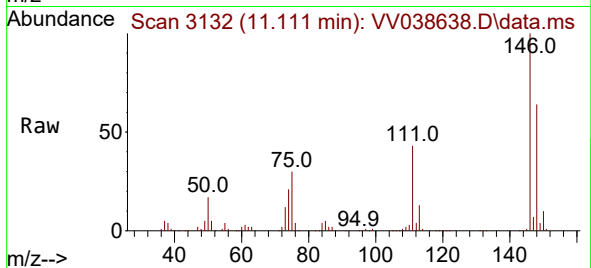
Tgt Ion:105 Resp: 285425
 Ion Ratio Lower Upper
 105 100
 120 45.6 36.2 54.2



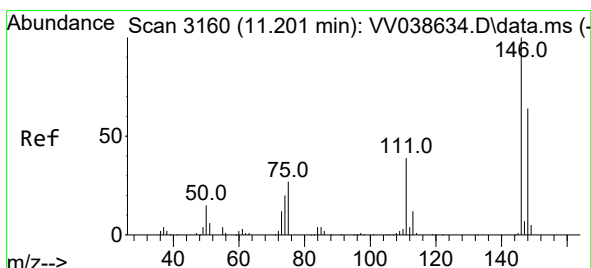
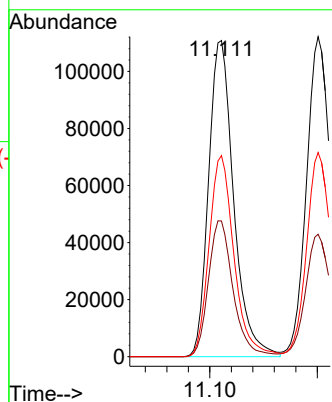
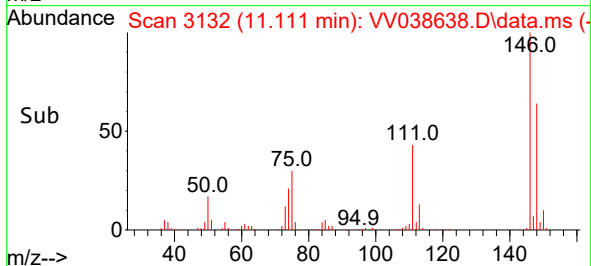


#64
1,3-Dichlorobenzene
Concen: 4.88 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. -0.000 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56

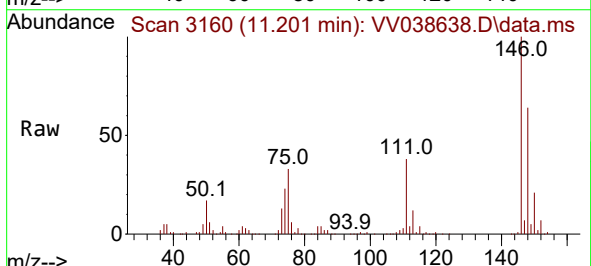
Instrument :
MSVOA_V
ClientSampleId :



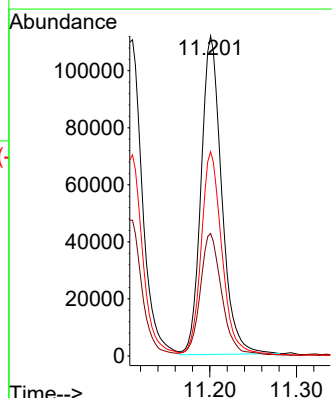
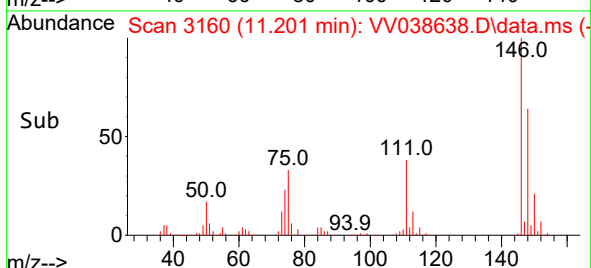
Tgt Ion:146 Resp: 179789
Ion Ratio Lower Upper
146 100
111 42.9 29.0 53.9
148 63.6 44.1 81.9

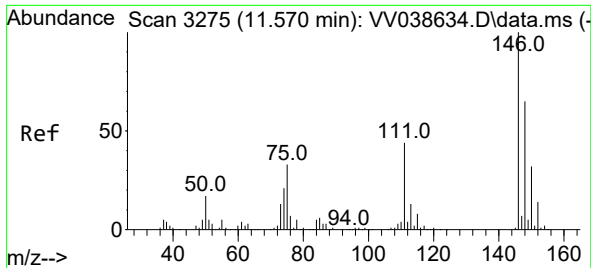


#65
1,4-Dichlorobenzene
Concen: 4.93 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. -0.000 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56



Tgt Ion:146 Resp: 184742
Ion Ratio Lower Upper
146 100
111 38.3 27.7 51.5
148 63.8 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 4.93 ug/L

RT: 11.571 min Scan# 31

Delta R.T. 0.001 min

Lab File: VV038638.D

Acq: 06 Feb 2025 17:56

Instrument :

MSVOA_V

ClientSampleId :

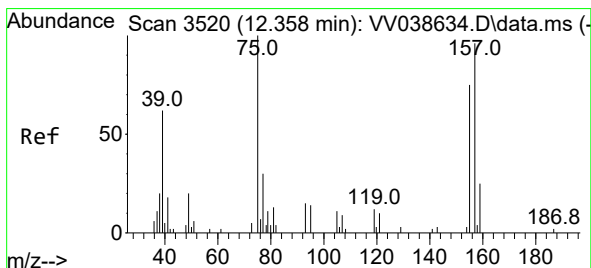
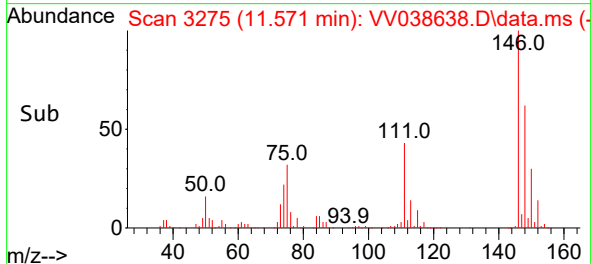
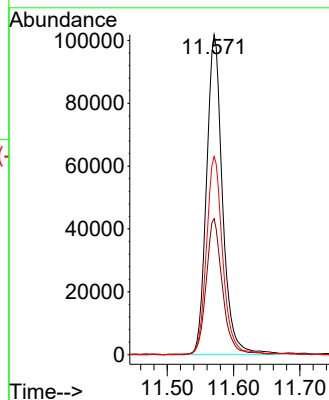
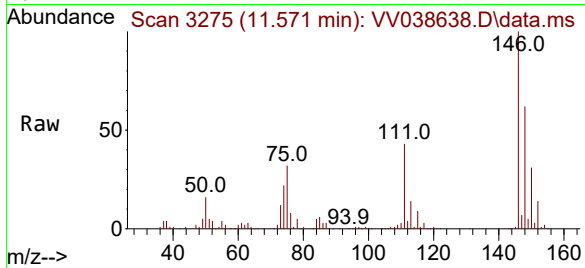
Tgt Ion:146 Resp: 170244

Ion Ratio Lower Upper

146 100

111 42.5 35.4 53.0

148 61.9 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.00 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV038638.D

Acq: 06 Feb 2025 17:56

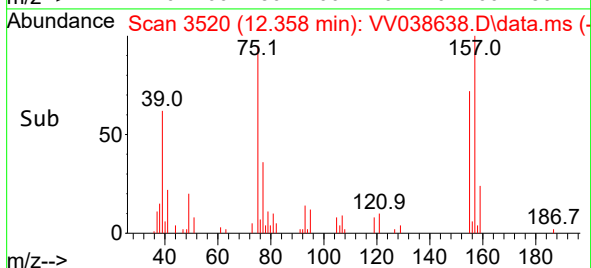
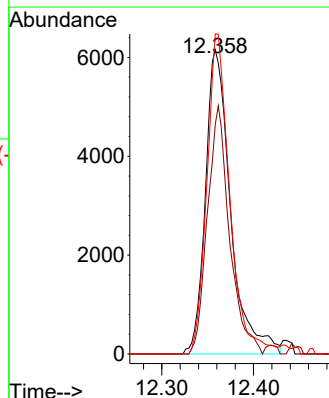
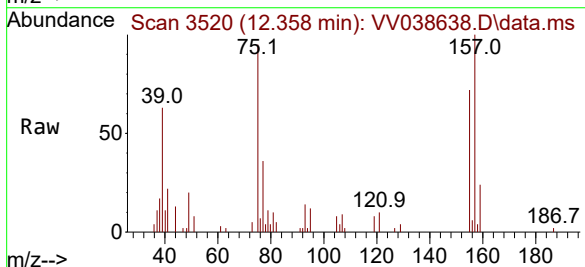
Tgt Ion: 75 Resp: 11727

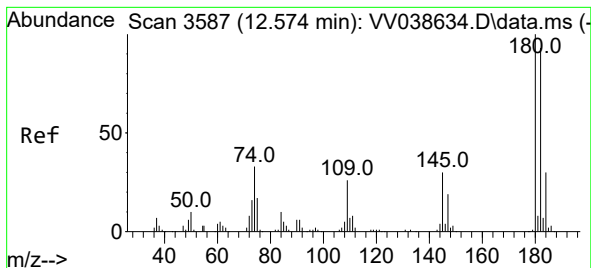
Ion Ratio Lower Upper

75 100

155 75.4 60.3 90.5

157 105.2 76.9 115.3





#69

1,3,5-Trichlorobenzene

Concen: 4.88 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

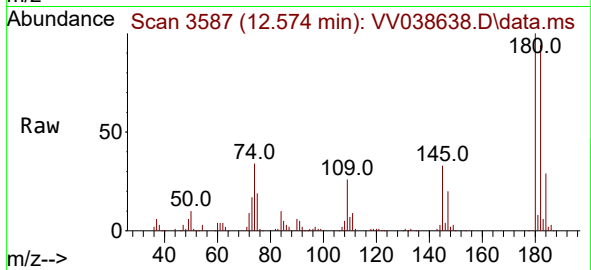
Lab File: VV038638.D

Acq: 06 Feb 2025 17:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 117831

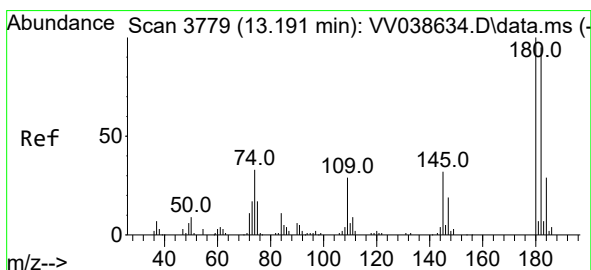
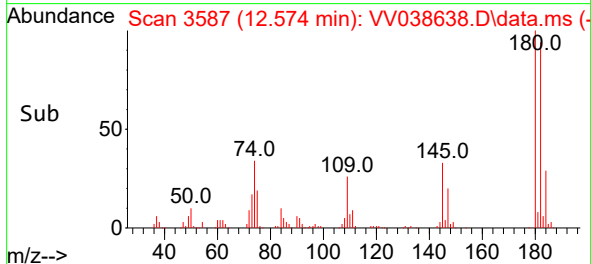
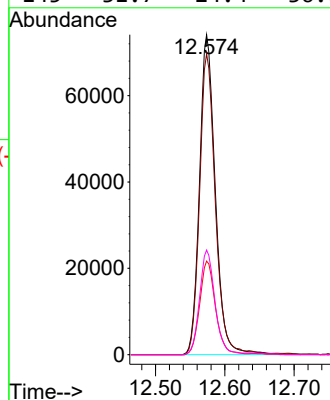
Ion Ratio Lower Upper

180 100

182 93.7 75.6 113.4

184 29.2 24.1 36.1

145 31.7 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 5.23 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV038638.D

Acq: 06 Feb 2025 17:56

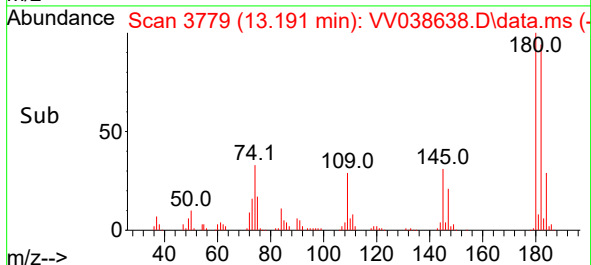
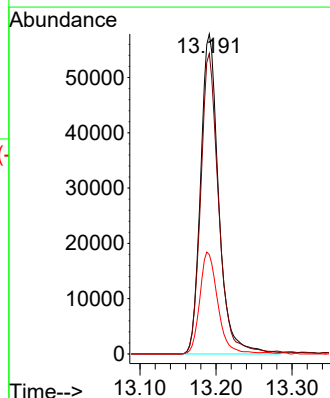
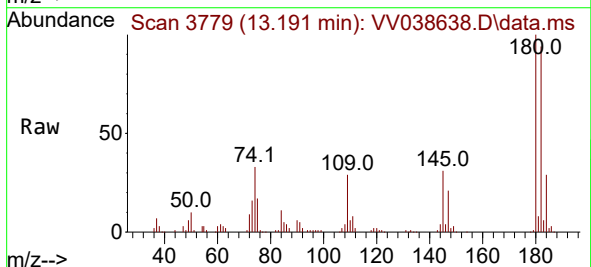
Tgt Ion:180 Resp: 95629

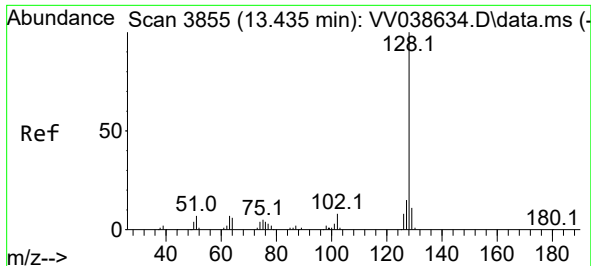
Ion Ratio Lower Upper

180 100

182 93.2 76.6 115.0

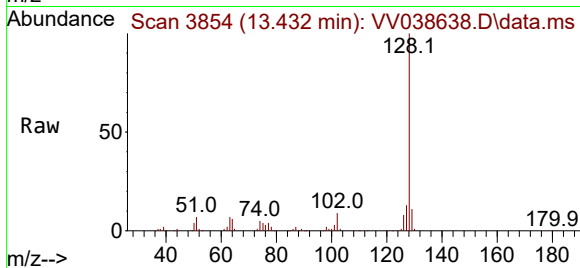
145 31.7 26.0 39.0



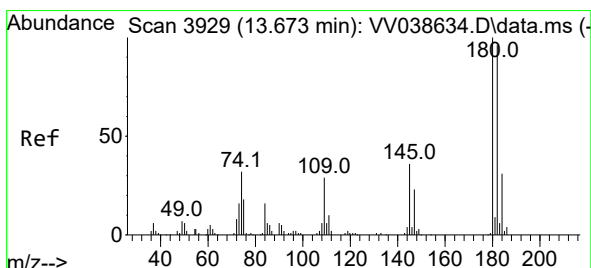
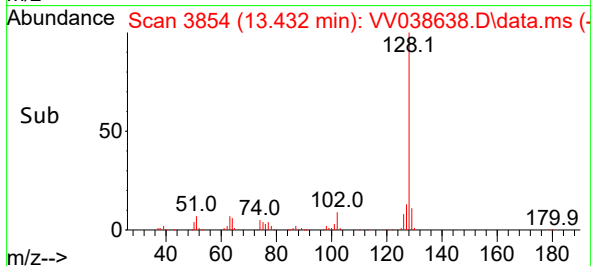
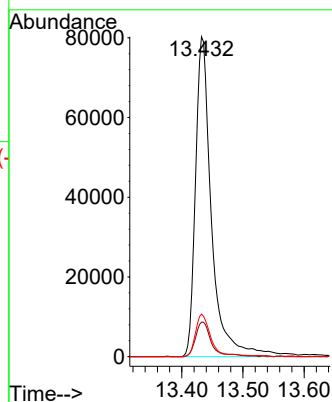


#71
Naphthalene
Concen: 5.00 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. -0.003 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 146096
Ion Ratio Lower Upper
128 100
129 10.6 7.6 11.4
127 12.8 10.9 16.3



#72
1,2,3-Trichlorobenzene
Concen: 5.12 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. 0.000 min
Lab File: VV038638.D
Acq: 06 Feb 2025 17:56

Tgt Ion:180 Resp: 86625
Ion Ratio Lower Upper
180 100
182 97.0 76.0 114.0
145 34.7 28.4 42.6

