

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV011725\
 Data File : VV038446.D
 Acq On : 17 Jan 2025 10:40
 Operator : SY/MD
 Sample : VSTD0.523
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 18 01:40:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 18 01:29:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	194122	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	204099	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	92206	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	7140	0.446	ug/L	0.00
7) Chloroethane-d5	1.532	69	6314	0.470	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	3559	0.493	ug/L	0.00
20) 2-Butanone-d5	3.899	46	2962	0.926	ug/L	0.10
24) Chloroform-d	4.252	84	13927	0.464	ug/L	0.02
26) 1,2-Dichloroethane-d4	4.960	65	4067	0.296	ug/L	0.03
32) Benzene-d6	4.969	84	22648	0.403	ug/L	0.02
36) 1,2-Dichloropropane-d6	5.995	67	9025	0.510	ug/L	0.02
41) Toluene-d8	7.246	98	19032	0.377	ug/L	0.01
43) trans-1,3-Dichloroprop...	7.616	79	433	0.070	ug/L	0.07
46) 2-Hexanone-d5	8.063	63	6287	2.667	ug/L	0.04
56) 1,1,2,2-Tetrachloroeth...	10.149	84	5656	0.418	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	7072	0.453	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	11771	0.541	ug/L	97
3) Chloromethane	1.214	50	12582	0.566	ug/L	95
5) Vinyl chloride	1.281	62	11890	0.529	ug/L	100
6) Bromomethane	1.487	94	6159	0.548	ug/L	92
8) Chloroethane	1.548	64	7044	0.482	ug/L	96
9) Trichlorofluoromethane	1.712	101	15730	0.550	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	8384	0.513	ug/L #	91
12) 1,1-Dichloroethene	2.066	96	8816	0.548	ug/L	91
13) Acetone	2.143	43	5285	2.021	ug/L #	16
14) Carbon disulfide	2.236	76	28507	0.527	ug/L	99
15) Methyl Acetate	2.410	43	3167	0.474	ug/L #	73
16) Methylene chloride	2.445	84	9876	0.554	ug/L	95
17) Methyl tert-butyl Ether	2.699	73	16122	0.476	ug/L	96
18) trans-1,2-Dichloroethene	2.699	96	8538	0.516	ug/L	93
19) 1,1-Dichloroethane	3.108	63	16439	0.522	ug/L	90
21) 2-Butanone	4.002	43	1733	0.505	ug/L	82
22) cis-1,2-Dichloroethene	3.828	96	8501	0.505	ug/L	86
23) Bromochloromethane	4.156	128	3756	0.491	ug/L	88
25) Chloroform	4.275	83	16215	0.521	ug/L	94
27) 1,2-Dichloroethane	5.059	62	7871	0.455	ug/L #	94
29) 1,1,1-Trichloroethane	4.503	97	14150	0.521	ug/L	98
30) Cyclohexane	4.577	56	10922	0.442	ug/L	95
31) Carbon tetrachloride	4.728	117	12453	0.519	ug/L	98
33) Benzene	5.014	78	29809	0.460	ug/L	100
34) Trichloroethene	5.841	95	8218	0.488	ug/L	93
35) Methylcyclohexane	6.043	83	11564	0.450	ug/L	94
37) 1,2-Dichloropropane	6.101	63	7063	0.422	ug/L #	91
38) Bromodichloromethane	6.439	83	10654	0.491	ug/L #	94
39) cis-1,3-Dichloropropene	6.966	75	9741	0.422	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	28799	3.503	ug/L	95
42) Toluene	7.317	91	27733	0.411	ug/L	99
44) trans-1,3-Dichloropropene	7.677	75	481	0.025	ug/L	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV011725\
 Data File : VV038446.D
 Acq On : 17 Jan 2025 10:40
 Operator : SY/MD
 Sample : VSTD0.523
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

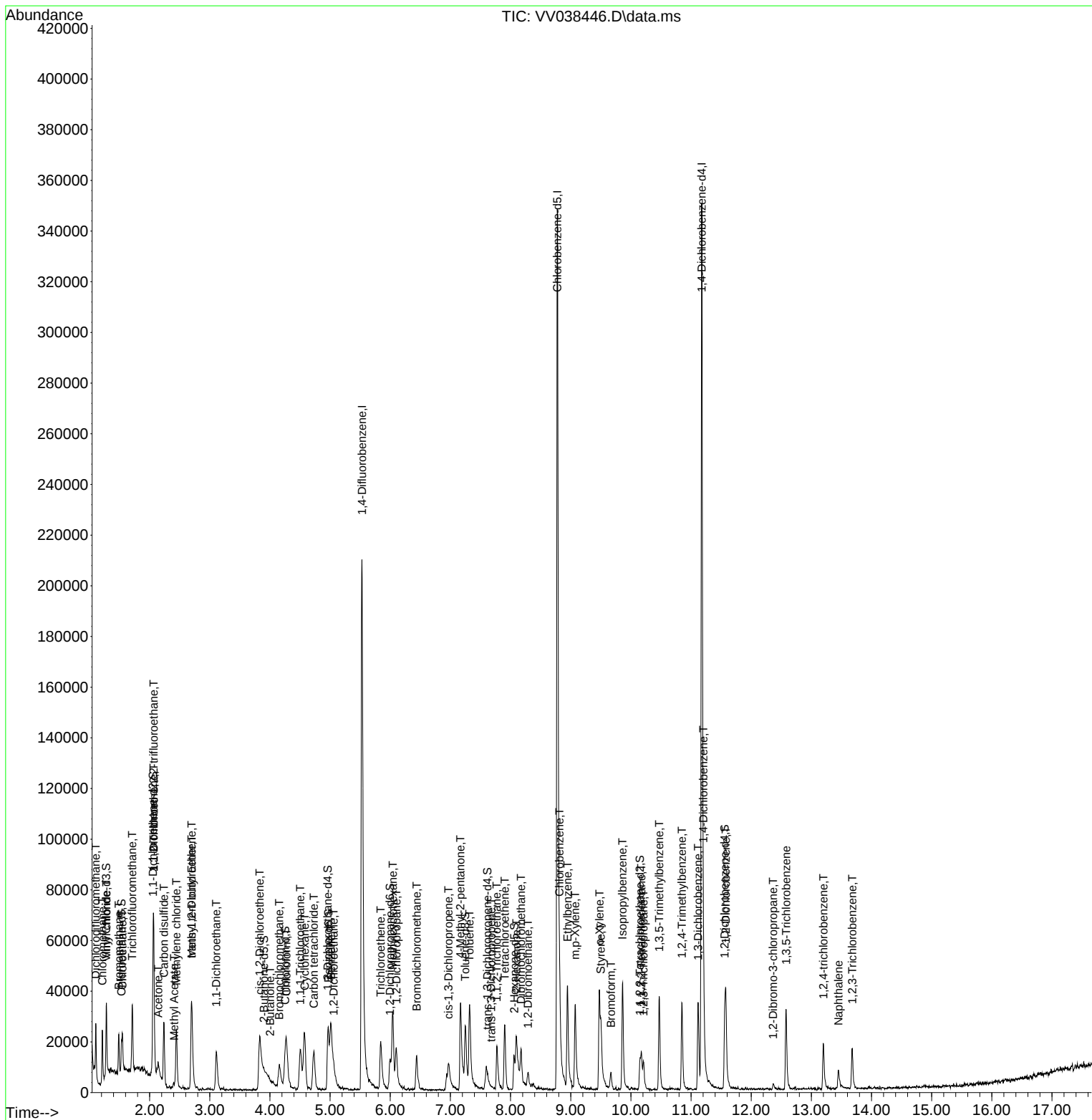
Quant Time: Jan 18 01:40:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 18 01:29:26 2025
 Response via : Initial Calibration

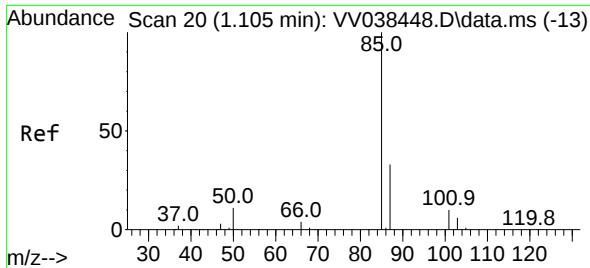
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.770	97	5766	0.479	ug/L	85
47) Tetrachloroethene	7.905	164	6402	0.491	ug/L	96
48) 2-Hexanone	8.098	43	18984	3.208	ug/L #	92
49) Dibromochloromethane	8.175	129	6382	0.461	ug/L	74
50) 1,2-Dibromoethane	8.288	107	5080	0.454	ug/L #	90
51) Chlorobenzene	8.812	112	22448	0.494	ug/L	98
52) Ethylbenzene	8.947	91	31424	0.432	ug/L	99
53) m,p-Xylene	9.075	106	10223	0.380	ug/L	91
54) o-Xylene	9.477	106	10450	0.398	ug/L	98
55) Styrene	9.500	104	16580	0.366	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	7233	0.493	ug/L	90
59) Bromoform	9.670	173	3287	0.511	ug/L #	98
60) Isopropylbenzene	9.860	105	28144	0.454	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	4777	0.539	ug/L	96
62) 1,3,5-Trimethylbenzene	10.471	105	20919	0.431	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	20385	0.420	ug/L	96
64) 1,3-Dichlorobenzene	11.120	146	15260	0.496	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	17508	0.550	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	14453	0.501	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.365	75	895	0.489	ug/L	85
69) 1,3,5-Trichlorobenzene	12.580	180	10770	0.509	ug/L	96
70) 1,2,4-trichlorobenzene	13.201	180	6350	0.407	ug/L	93
71) Naphthalene	13.451	128	7341	0.325	ug/L	97
72) 1,2,3-Trichlorobenzene	13.680	180	5669	0.417	ug/L	96

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

Quant Time: Jan 18 01:40:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jan 18 01:29:26 2025
Response via : Initial Calibration

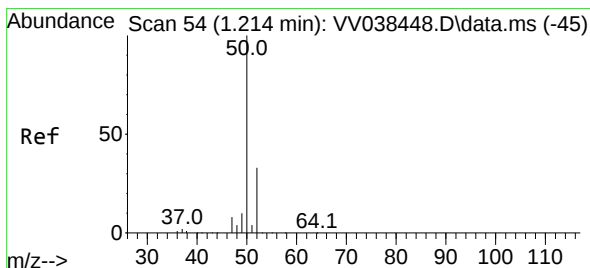
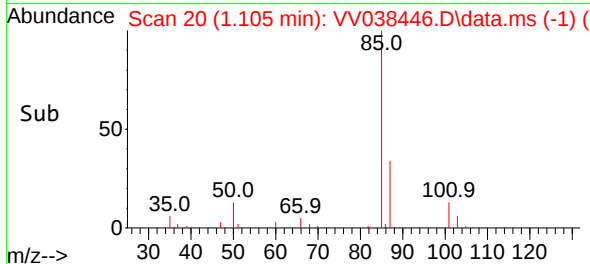
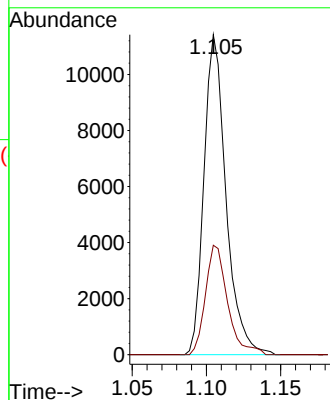
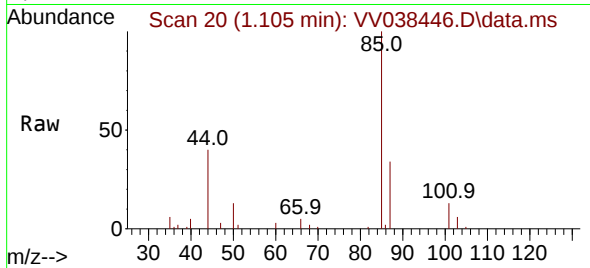




#2
 Dichlorodifluoromethane
 Concen: 0.541 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038446.D
 Acq: 17 Jan 2025 10:40

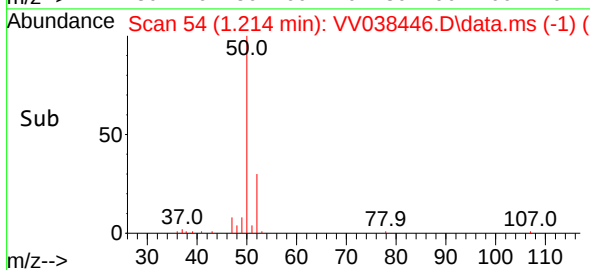
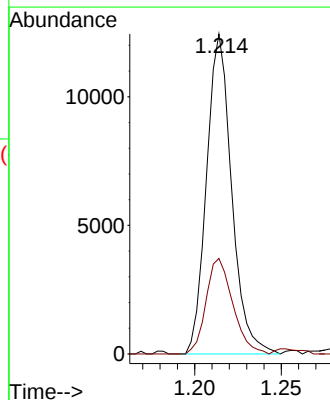
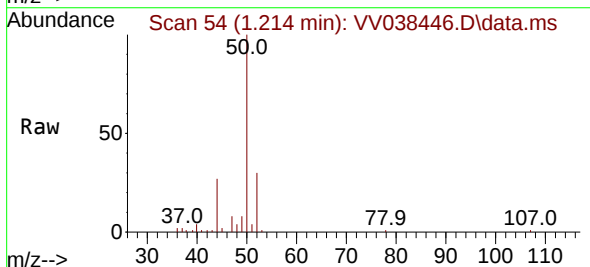
Instrument :
 MSVOA_V
 ClientSampleId :

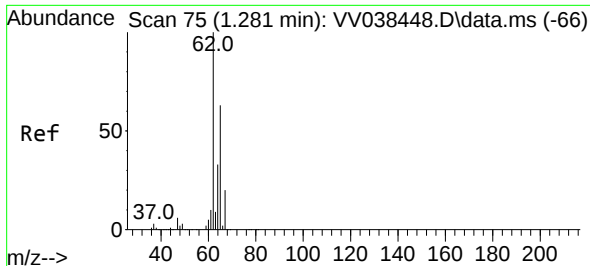
Tgt Ion: 85 Resp: 11771
 Ion Ratio Lower Upper
 85 100
 87 34.3 26.0 39.0



#3
 Chloromethane
 Concen: 0.566 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038446.D
 Acq: 17 Jan 2025 10:40

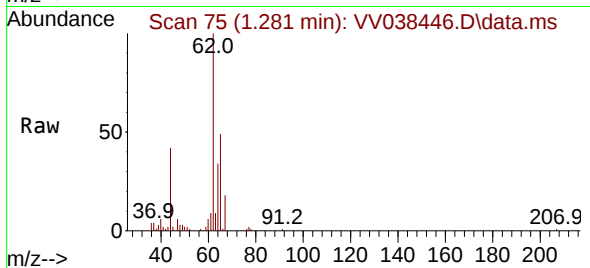
Tgt Ion: 50 Resp: 12582
 Ion Ratio Lower Upper
 50 100
 52 29.9 23.0 42.6



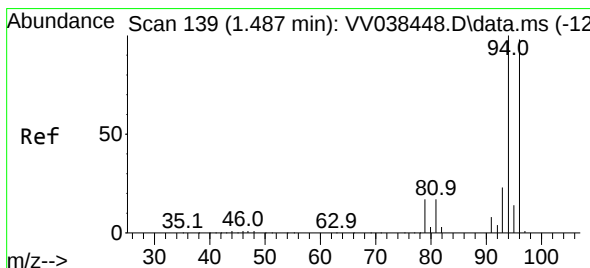
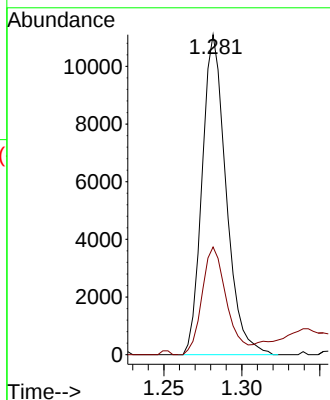
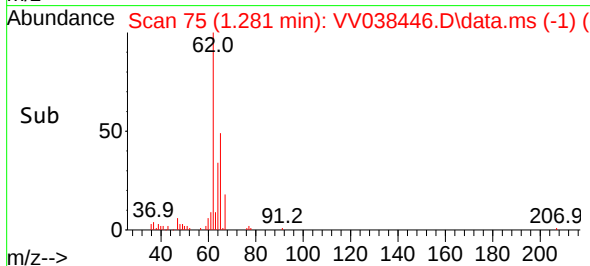


#5
 Vinyl chloride
 Concen: 0.529 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV038446.D
 Acq: 17 Jan 2025 10:40

Instrument :
 MSVOA_V
 ClientSampleId :

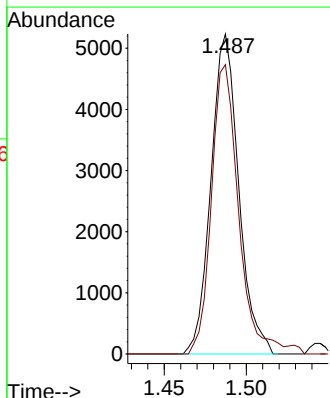
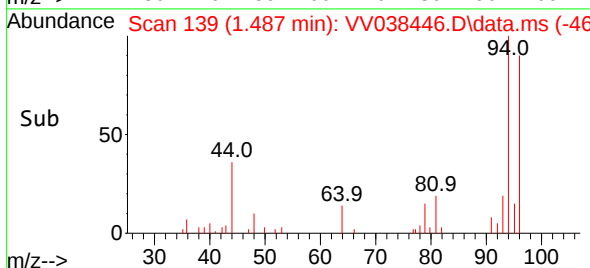
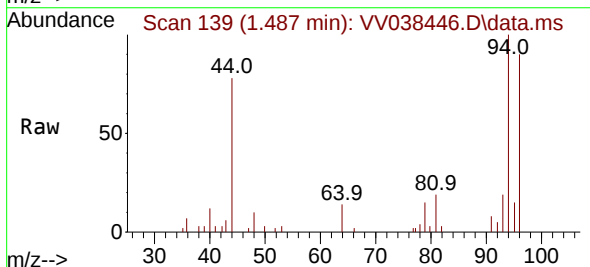


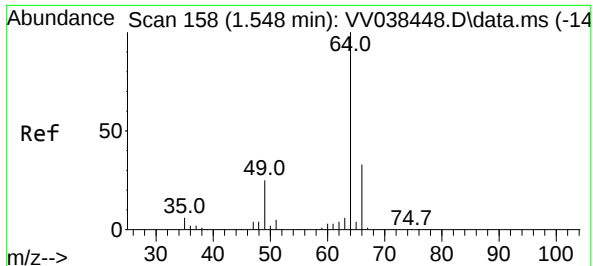
Tgt Ion: 62 Resp: 11890
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.5 43.7



#6
 Bromomethane
 Concen: 0.548 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV038446.D
 Acq: 17 Jan 2025 10:40

Tgt Ion: 94 Resp: 6159
 Ion Ratio Lower Upper
 94 100
 96 90.4 68.9 127.9

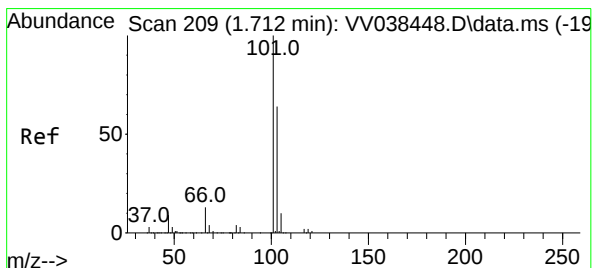
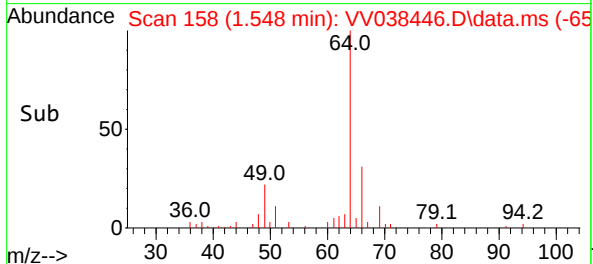
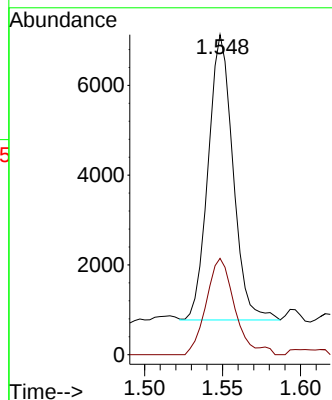
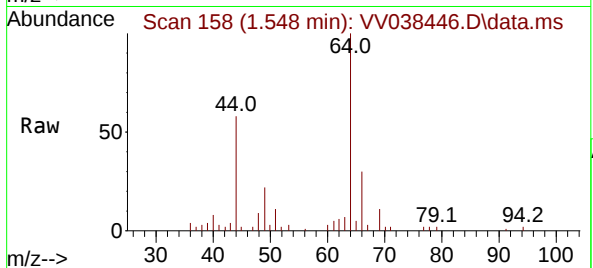




#8
Chloroethane
Concen: 0.482 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40

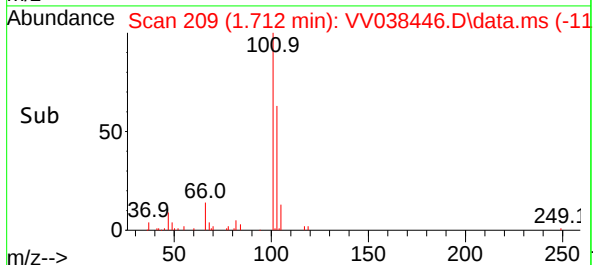
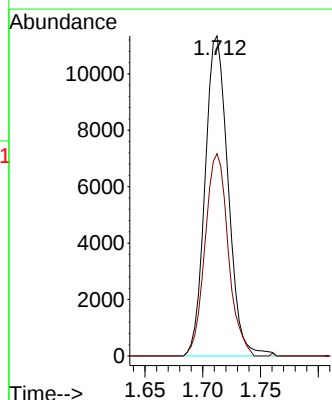
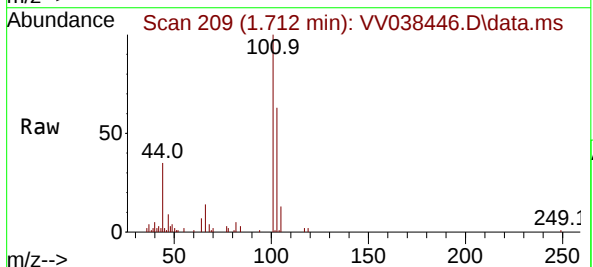
Instrument :
MSVOA_V
ClientSampleId :

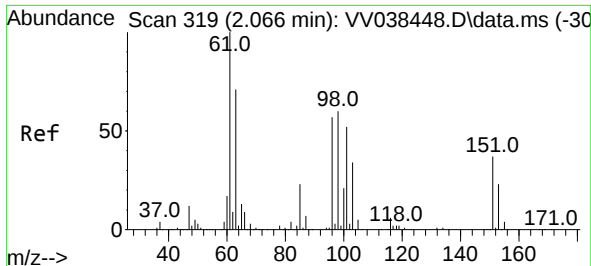
Tgt Ion: 64 Resp: 7044
Ion Ratio Lower Upper
64 100
66 30.1 22.7 42.1



#9
Trichlorofluoromethane
Concen: 0.550 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40

Tgt Ion:101 Resp: 15730
Ion Ratio Lower Upper
101 100
103 63.7 51.5 77.3





#10

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

Concen: 0.513 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV038446.D

Acq: 17 Jan 2025 10:40

Instrument :

MSVOA_V

ClientSampleId :

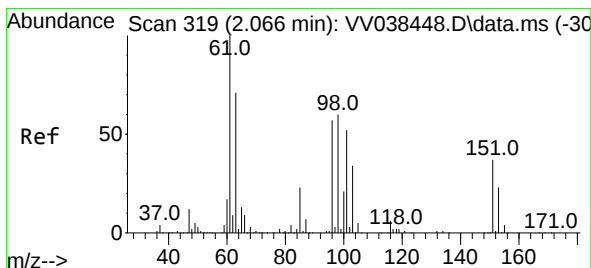
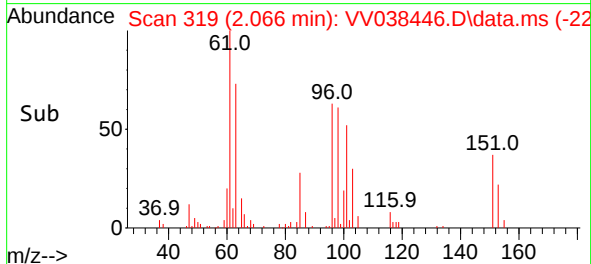
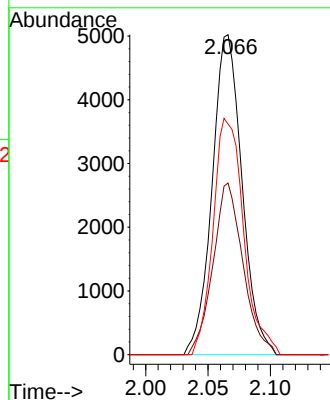
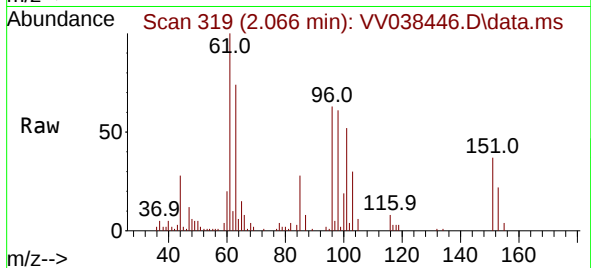
Tgt Ion:101 Resp: 8384

Ion Ratio Lower Upper

101 100

85 53.9 35.2 52.8#

151 75.4 56.6 85.0



#12

1,1-Dichloroethene

Concen: 0.548 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV038446.D

Acq: 17 Jan 2025 10:40

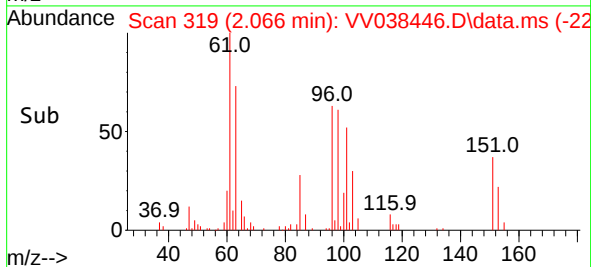
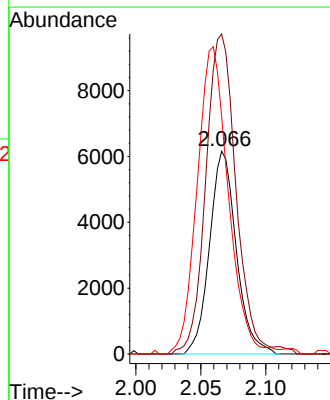
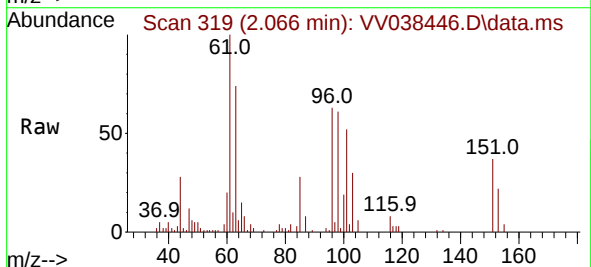
Tgt Ion: 96 Resp: 8816

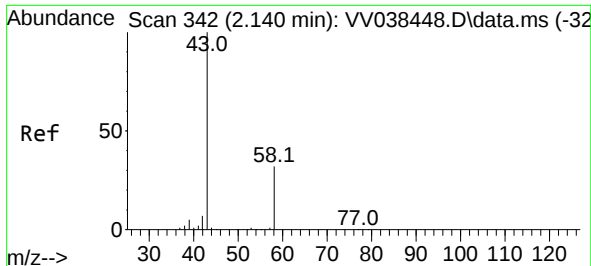
Ion Ratio Lower Upper

96 100

61 157.8 122.2 227.0

63 117.2 86.2 160.0





#13

Acetone

Concen: 2.021 ug/L

RT: 2.143 min Scan# 342

Delta R.T. 0.003 min

Lab File: VV038446.D

Acq: 17 Jan 2025 10:40

Instrument :

MSVOA_V

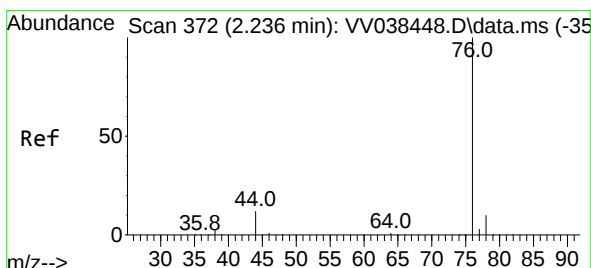
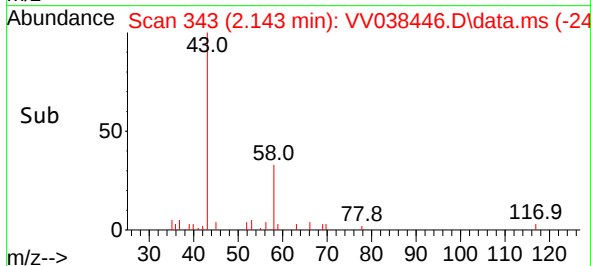
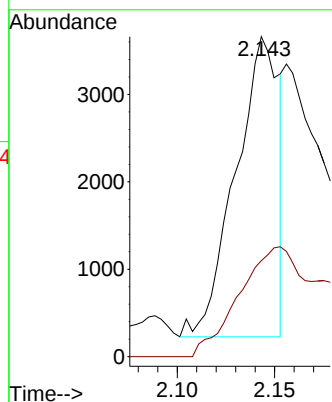
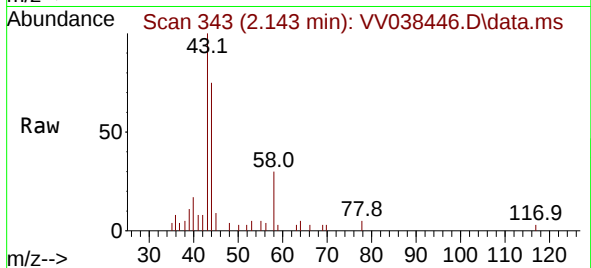
ClientSampleId :

Tgt Ion: 43 Resp: 5285

Ion Ratio Lower Upper

43 100

58 81.4 0.0 67.2#



#14

Carbon disulfide

Concen: 0.527 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV038446.D

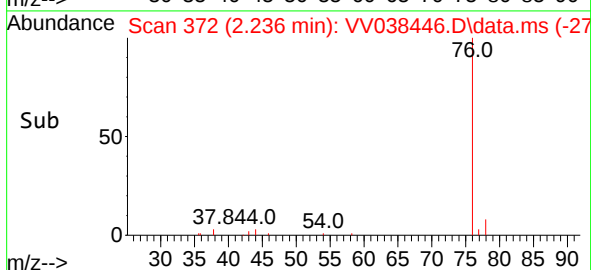
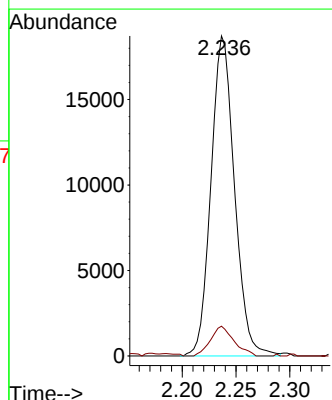
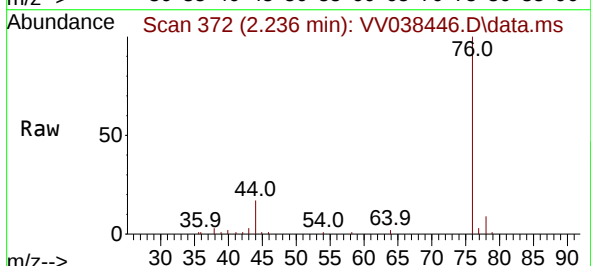
Acq: 17 Jan 2025 10:40

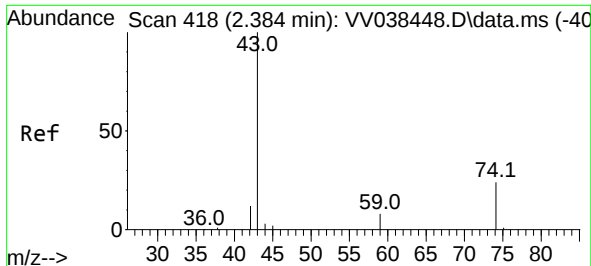
Tgt Ion: 76 Resp: 28507

Ion Ratio Lower Upper

76 100

78 9.3 7.6 11.4

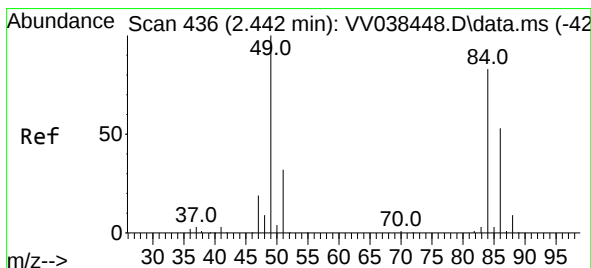
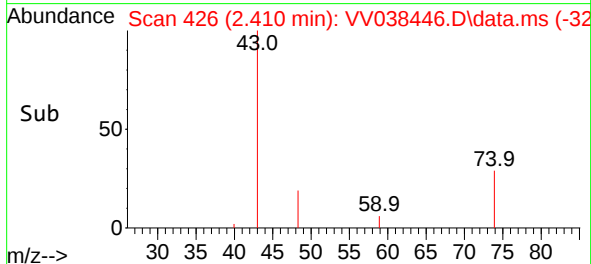
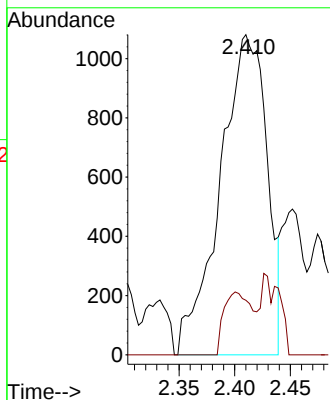
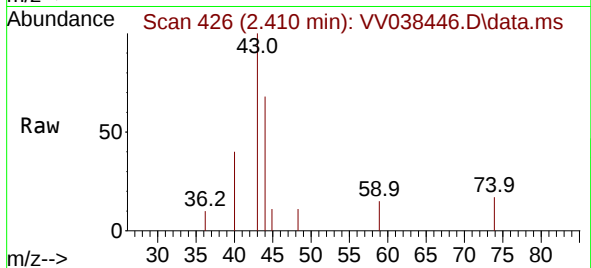




#15
Methyl Acetate
Concen: 0.474 ug/L
RT: 2.410 min Scan# 431
Delta R.T. 0.026 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40

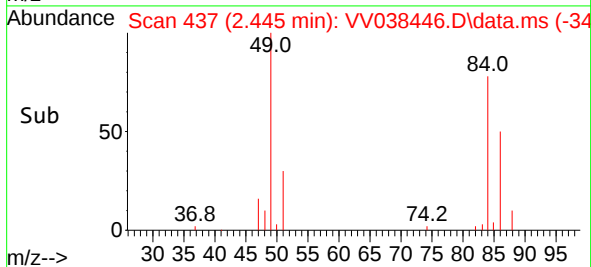
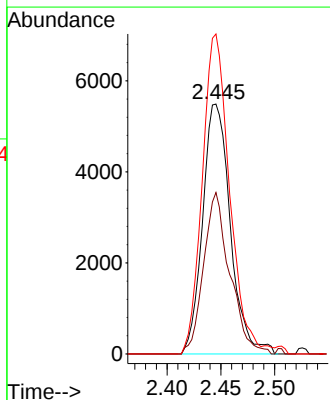
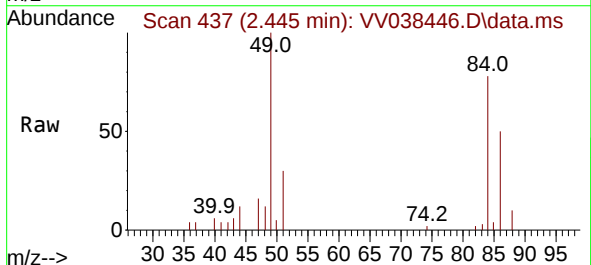
Instrument :
MSVOA_V
ClientSampleId :

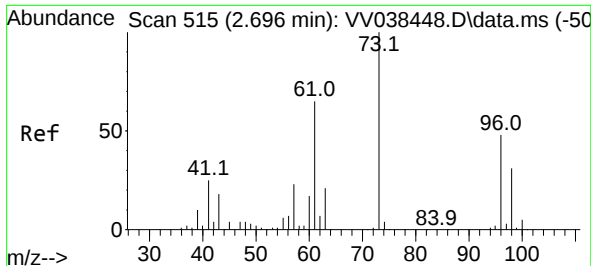
Tgt Ion: 43 Resp: 3167
Ion Ratio Lower Upper
43 100
74 11.7 20.4 30.6#



#16
Methylene chloride
Concen: 0.554 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40

Tgt Ion: 84 Resp: 9876
Ion Ratio Lower Upper
84 100
86 64.6 44.7 82.9
49 128.1 84.1 156.1

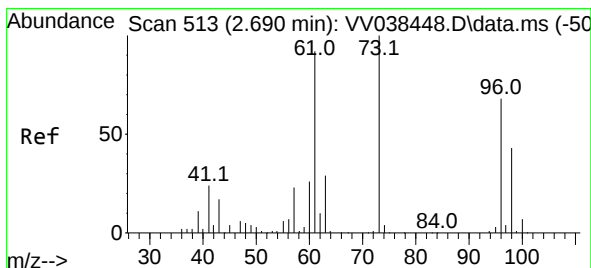
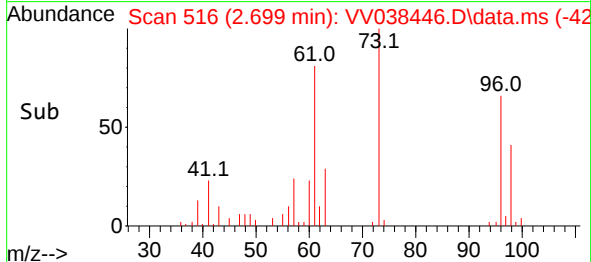
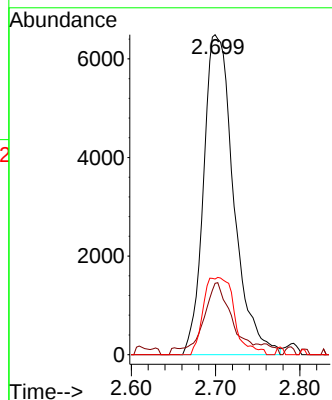
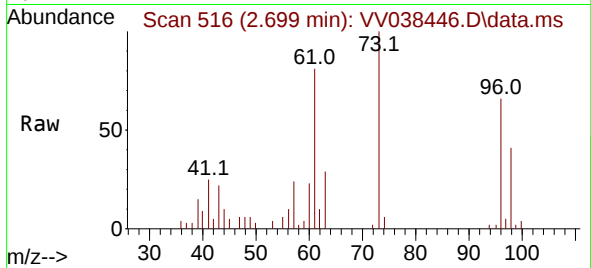




#17
Methyl tert-butyl Ether
Concen: 0.476 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40

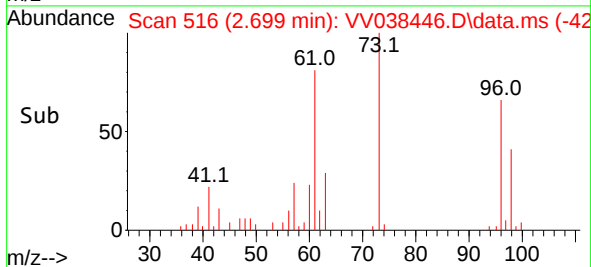
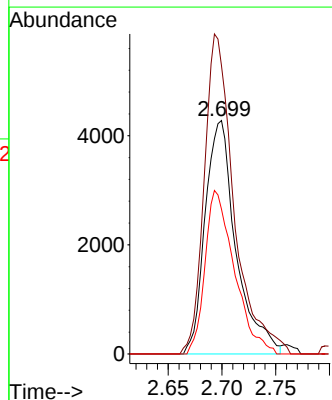
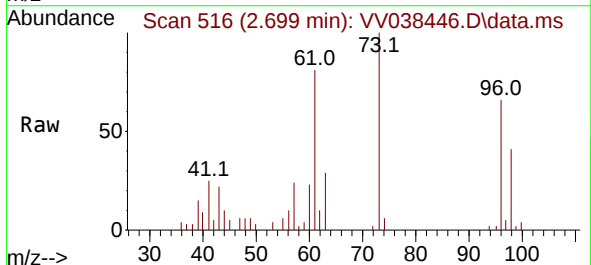
Instrument :
MSVOA_V
ClientSampleId :

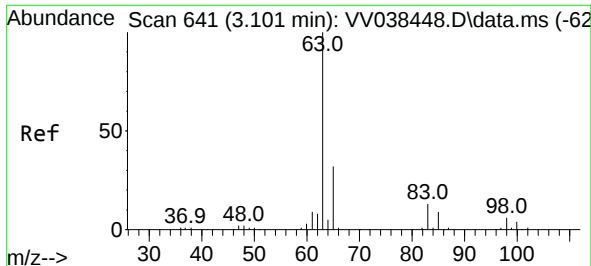
Tgt Ion: 73 Resp: 16122
Ion Ratio Lower Upper
73 100
43 16.8 14.6 21.8
57 24.7 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 0.516 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.010 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40

Tgt Ion: 96 Resp: 8538
Ion Ratio Lower Upper
96 100
61 123.5 94.8 176.2
98 62.0 44.2 82.2





#19

1,1-Dichloroethane

Concen: 0.522 ug/L

RT: 3.108 min Scan# 641

Delta R.T. 0.006 min

Lab File: VV038446.D

Acq: 17 Jan 2025 10:40

Instrument :

MSVOA_V

ClientSampleId :

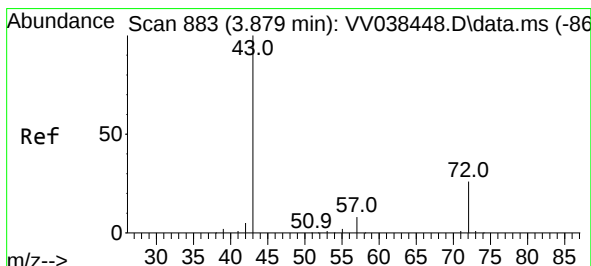
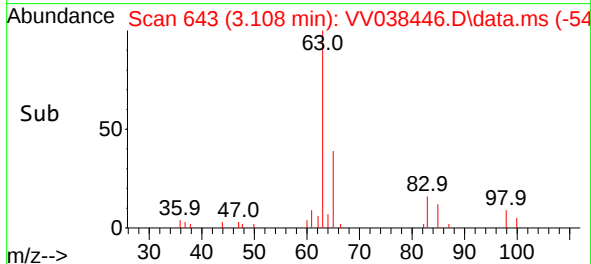
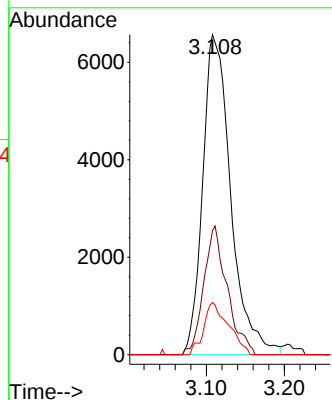
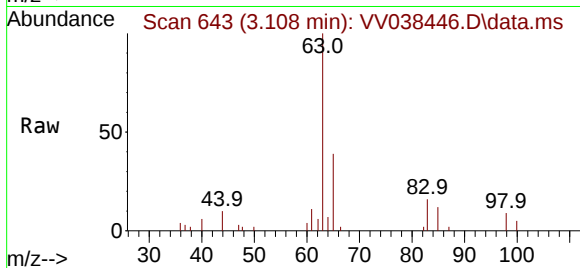
Tgt Ion: 63 Resp: 16439

Ion Ratio Lower Upper

63 100

65 38.8 22.5 41.9

83 16.3 9.4 17.6



#21

2-Butanone

Concen: 0.505 ug/L

RT: 4.002 min Scan# 921

Delta R.T. 0.122 min

Lab File: VV038446.D

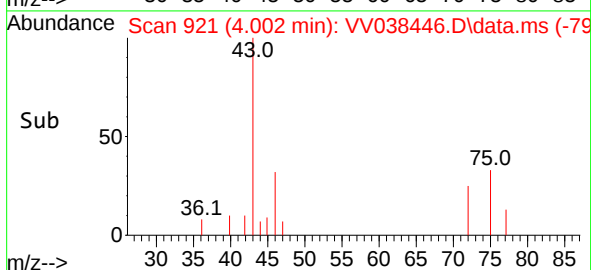
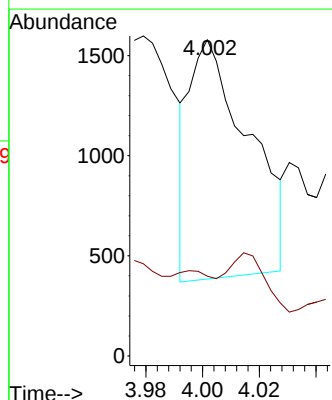
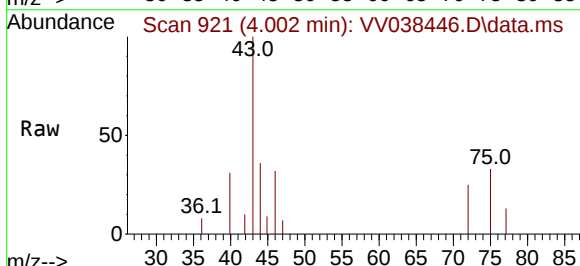
Acq: 17 Jan 2025 10:40

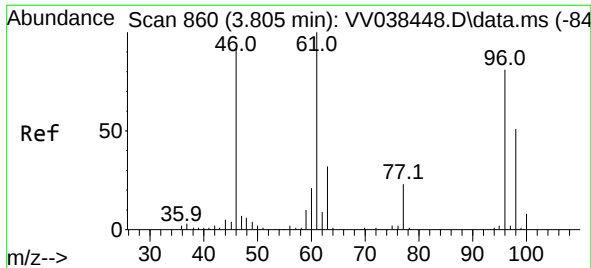
Tgt Ion: 43 Resp: 1733

Ion Ratio Lower Upper

43 100

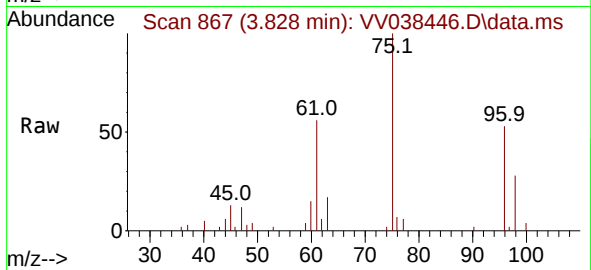
72 15.2 12.2 36.4





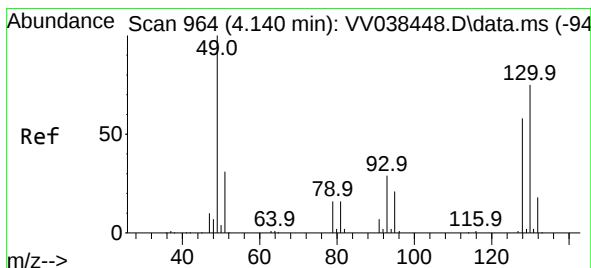
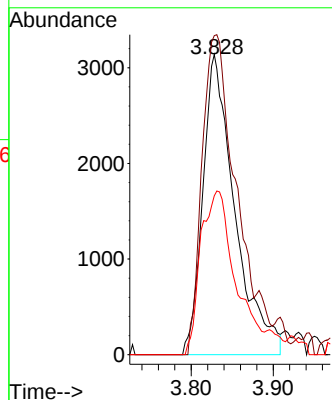
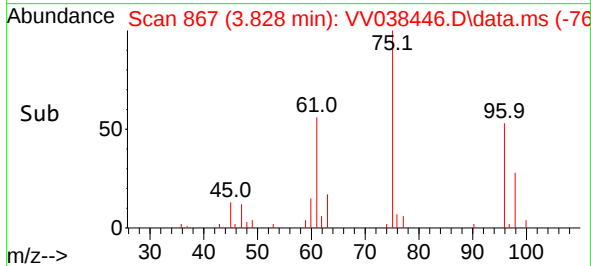
#22
 cis-1,2-Dichloroethene
 Concen: 0.505 ug/L
 RT: 3.828 min Scan# 867
 Delta R.T. 0.023 min
 Lab File: VV038446.D
 Acq: 17 Jan 2025 10:40

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 8501

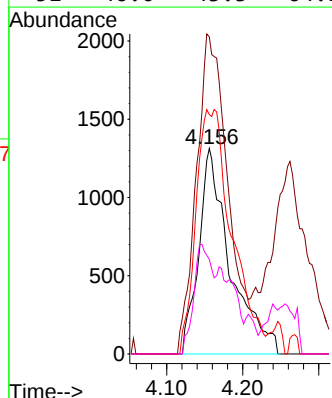
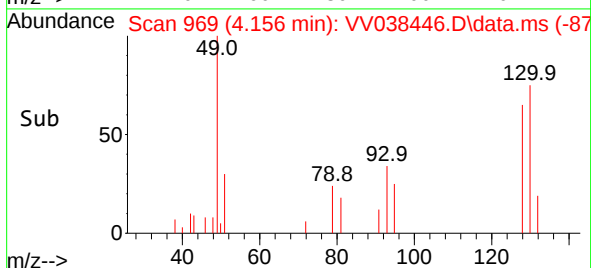
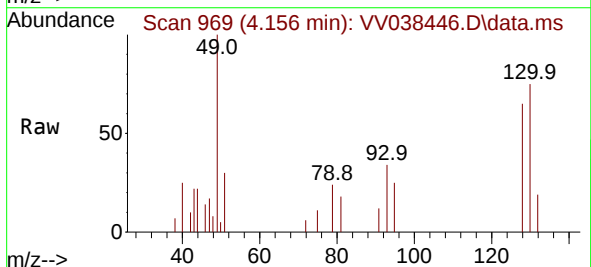
Ion	Ratio	Lower	Upper
96	100		
61	106.3	86.5	160.7
98	52.9	43.8	81.3

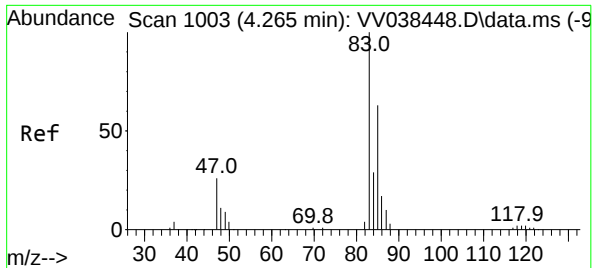


#23
 Bromochloromethane
 Concen: 0.491 ug/L
 RT: 4.156 min Scan# 969
 Delta R.T. 0.016 min
 Lab File: VV038446.D
 Acq: 17 Jan 2025 10:40

Tgt Ion: 128 Resp: 3756

Ion	Ratio	Lower	Upper
128	100		
49	154.3	121.0	224.8
130	116.4	90.1	167.3
51	46.0	43.3	64.9

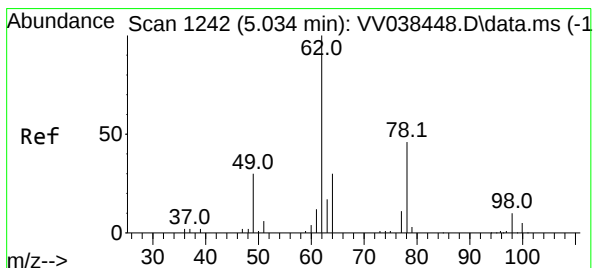
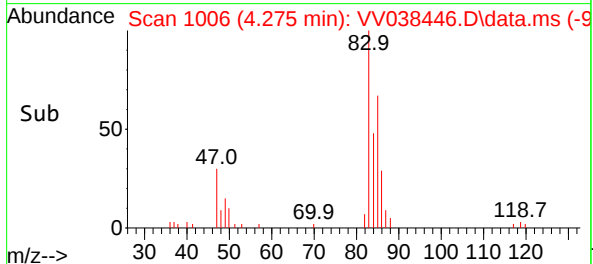
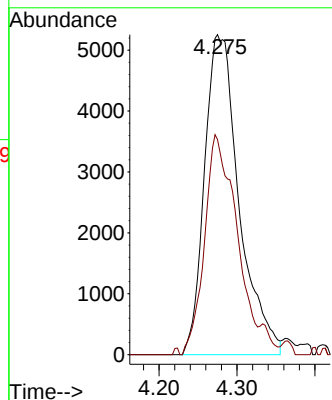
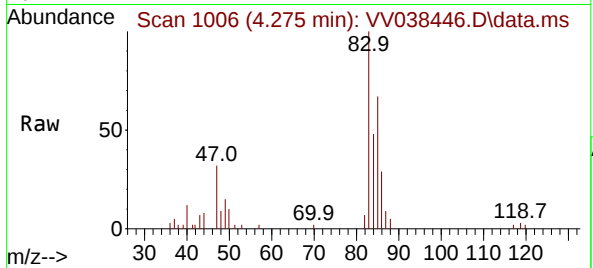




#25
Chloroform
Concen: 0.521 ug/L
RT: 4.275 min Scan# 10
Delta R.T. 0.010 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40

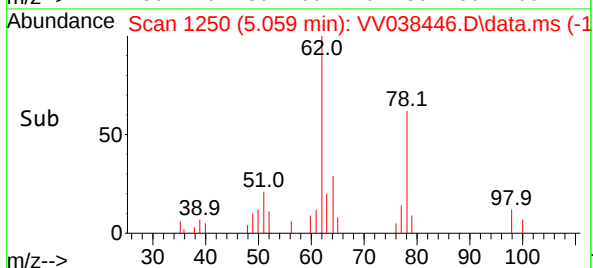
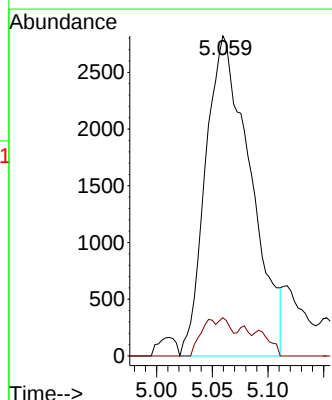
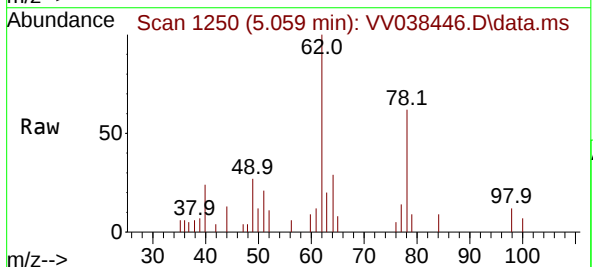
Instrument :
MSVOA_V
ClientSampleId :

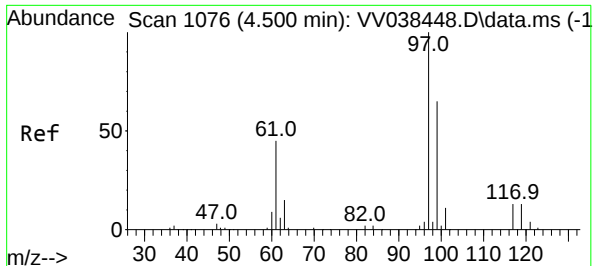
Tgt Ion: 83 Resp: 16215
Ion Ratio Lower Upper
83 100
85 67.2 44.0 81.8



#27
1,2-Dichloroethane
Concen: 0.455 ug/L
RT: 5.059 min Scan# 1250
Delta R.T. 0.026 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40

Tgt Ion: 62 Resp: 7871
Ion Ratio Lower Upper
62 100
98 11.9 7.8 11.6#





#29

1,1,1-Trichloroethane

Concen: 0.521 ug/L

RT: 4.503 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV038446.D

Acq: 17 Jan 2025 10:40

Instrument :

MSVOA_V

ClientSampleId :

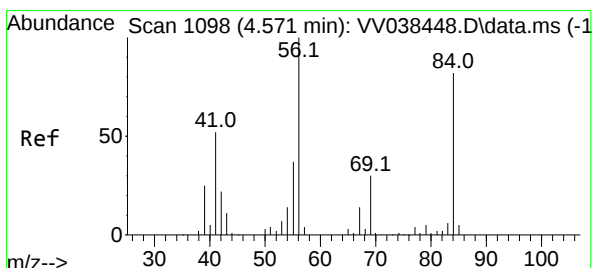
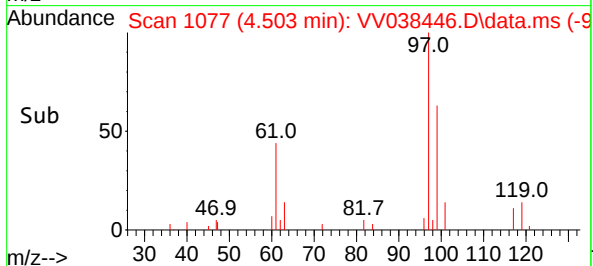
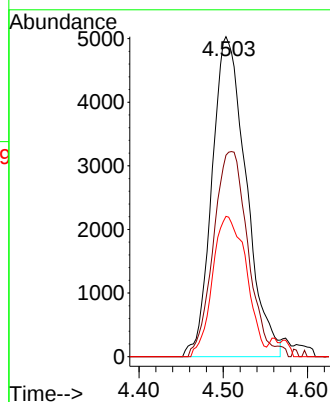
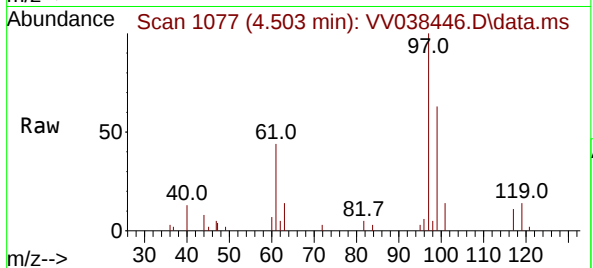
Tgt Ion: 97 Resp: 14150

Ion Ratio Lower Upper

97 100

99 65.1 52.9 79.3

61 43.6 36.4 54.6



#30

Cyclohexane

Concen: 0.442 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VV038446.D

Acq: 17 Jan 2025 10:40

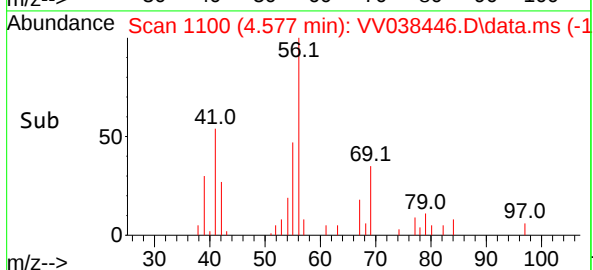
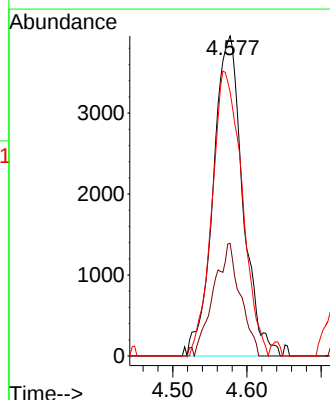
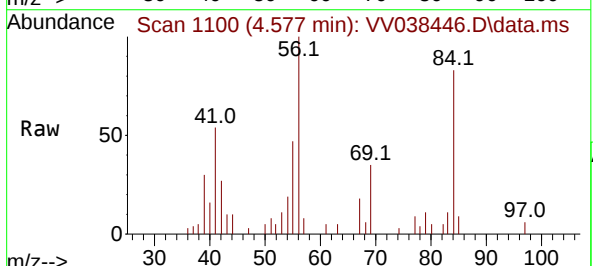
Tgt Ion: 56 Resp: 10922

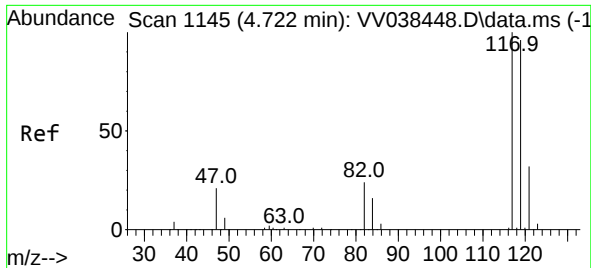
Ion Ratio Lower Upper

56 100

69 31.8 24.7 37.1

84 90.4 68.2 102.2

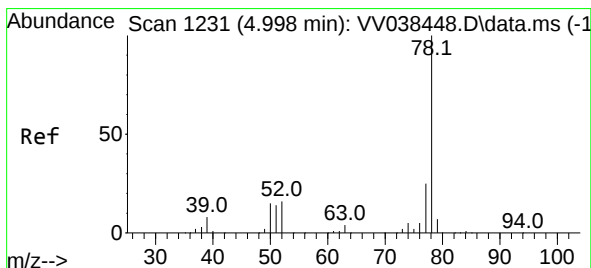
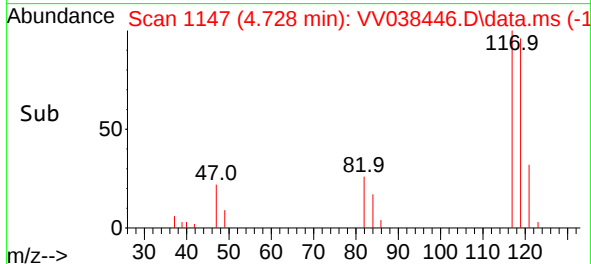
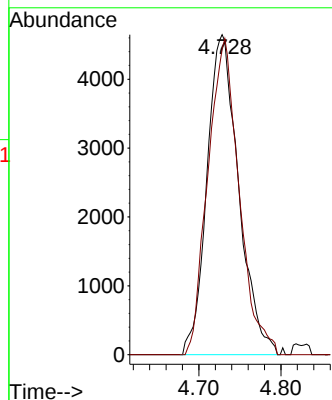
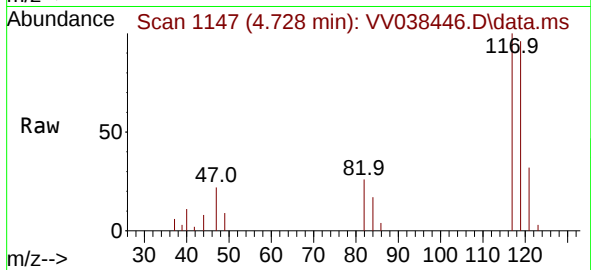




#31
Carbon tetrachloride
Concen: 0.519 ug/L
RT: 4.728 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40

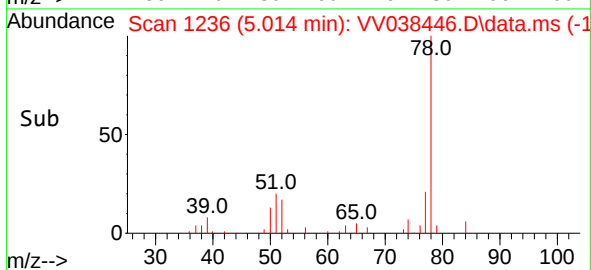
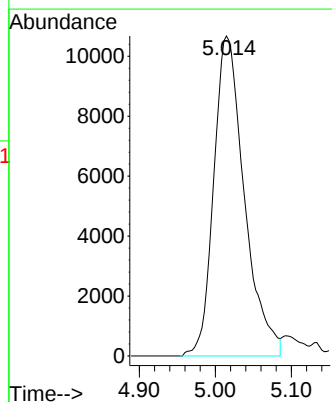
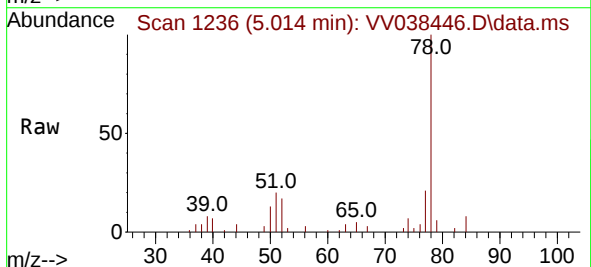
Instrument :
MSVOA_V
ClientSampleId :

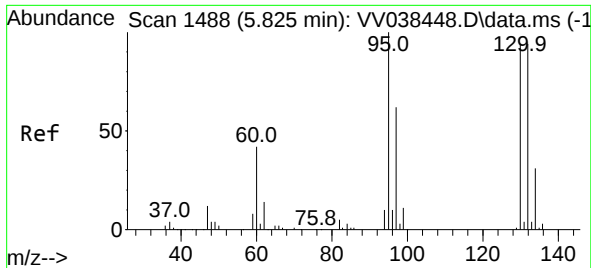
Tgt Ion:117 Resp: 12453
Ion Ratio Lower Upper
117 100
119 97.4 76.6 115.0



#33
Benzene
Concen: 0.460 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. 0.016 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40

Tgt Ion: 78 Resp: 29809

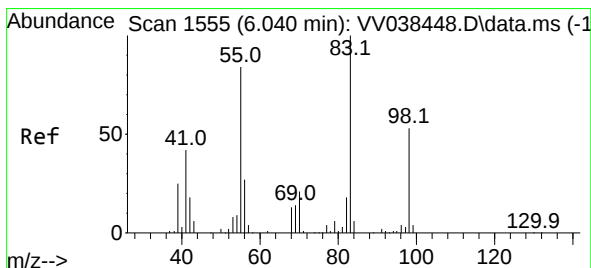
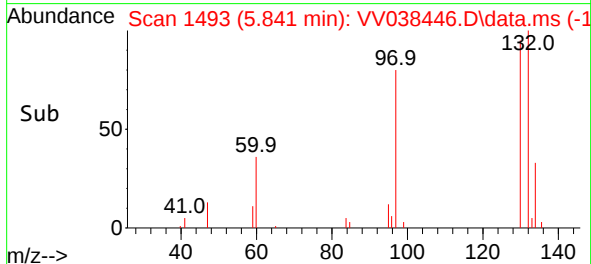
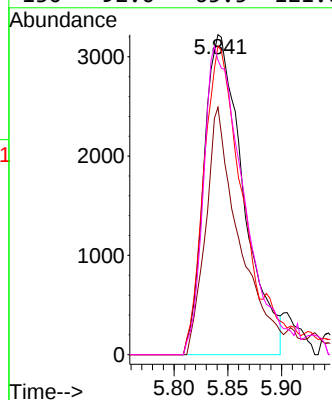
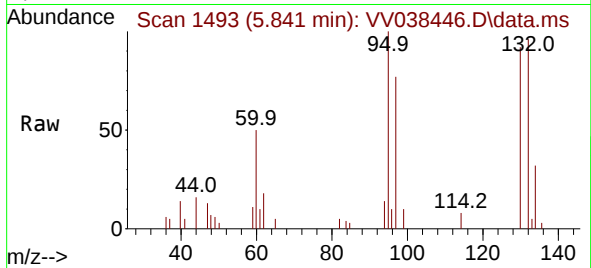




#34
Trichloroethene
Concen: 0.488 ug/L
RT: 5.841 min Scan# 1488
Delta R.T. 0.016 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40

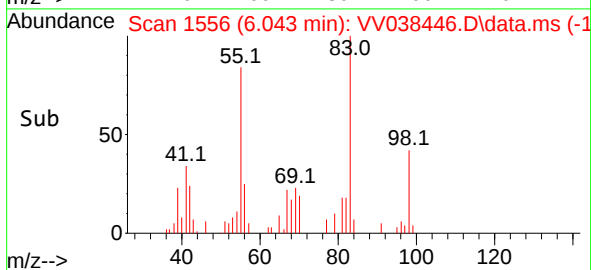
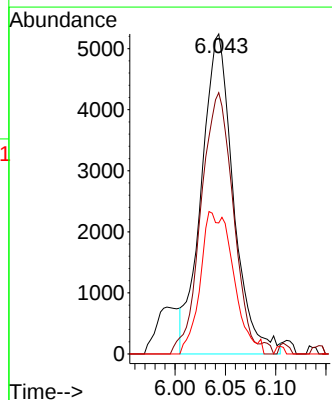
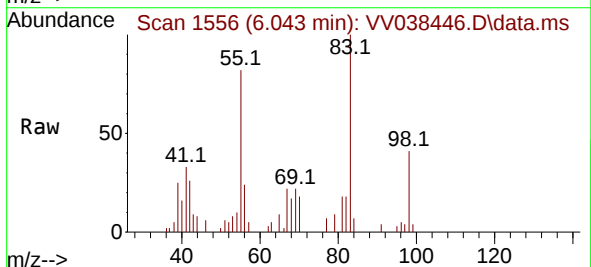
Instrument :
MSVOA_V
ClientSampleId :

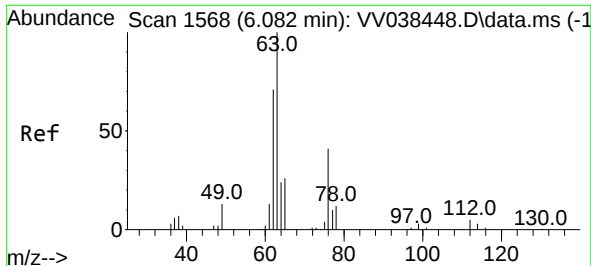
Tgt Ion: 95 Resp: 8218
Ion Ratio Lower Upper
95 100
97 77.3 43.4 80.6
132 96.4 65.5 121.6
130 92.0 65.5 121.6



#35
Methylcyclohexane
Concen: 0.450 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.003 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40

Tgt Ion: 83 Resp: 11564
Ion Ratio Lower Upper
83 100
55 82.0 59.4 89.0
98 46.0 37.8 56.8





#37

1,2-Dichloropropane

Concen: 0.422 ug/L

RT: 6.101 min Scan# 1

Delta R.T. 0.019 min

Lab File: VV038446.D

Acq: 17 Jan 2025 10:40

Instrument :

MSVOA_V

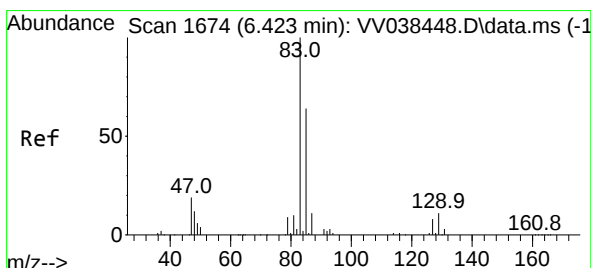
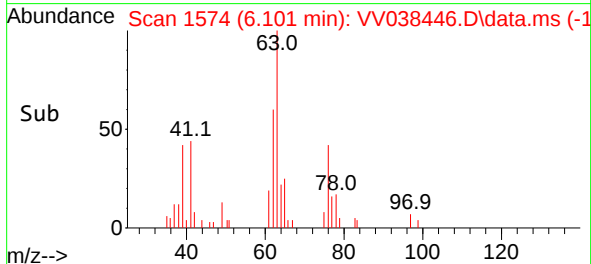
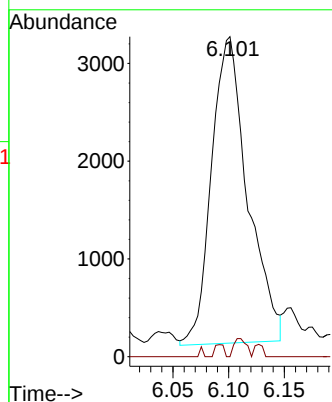
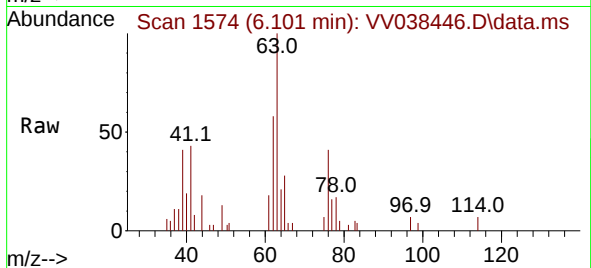
ClientSampleId :

Tgt Ion: 63 Resp: 7063

Ion Ratio Lower Upper

63 100

112 2.0 4.1 6.1#



#38

Bromodichloromethane

Concen: 0.491 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.016 min

Lab File: VV038446.D

Acq: 17 Jan 2025 10:40

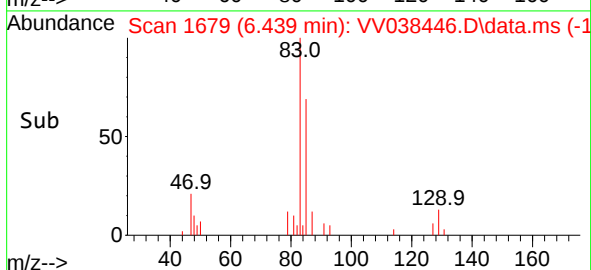
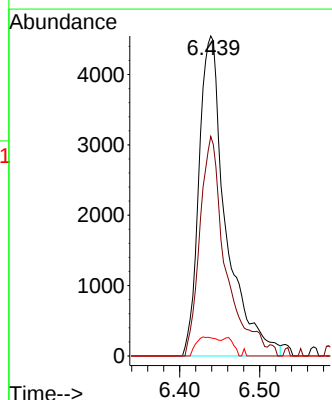
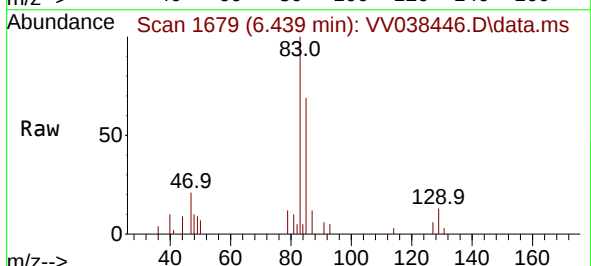
Tgt Ion: 83 Resp: 10654

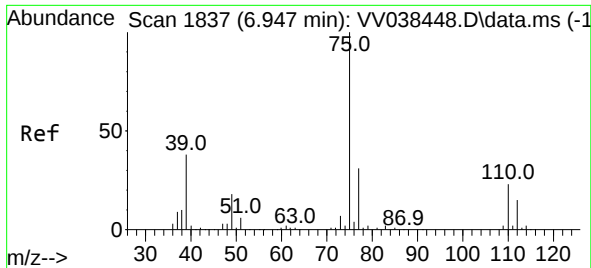
Ion Ratio Lower Upper

83 100

85 68.6 44.7 83.1

127 5.7 6.8 10.2#





#39

cis-1,3-Dichloropropene

Concen: 0.422 ug/L

RT: 6.966 min Scan# 11

Delta R.T. 0.019 min

Lab File: VV038446.D

Acq: 17 Jan 2025 10:40

Instrument :

MSVOA_V

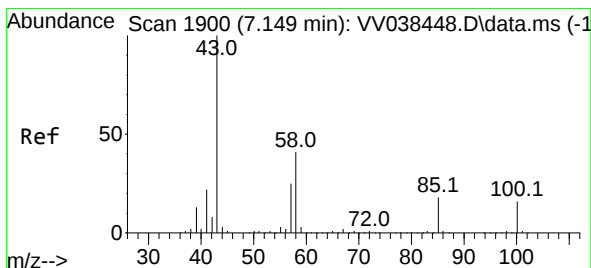
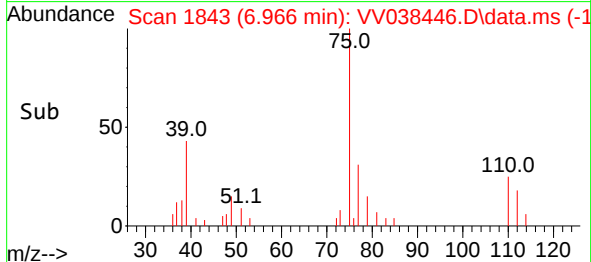
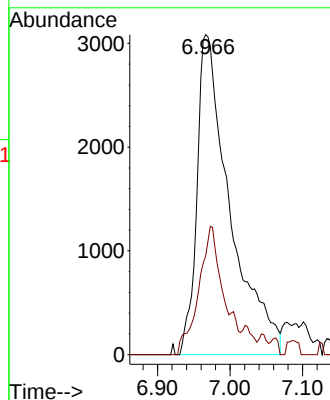
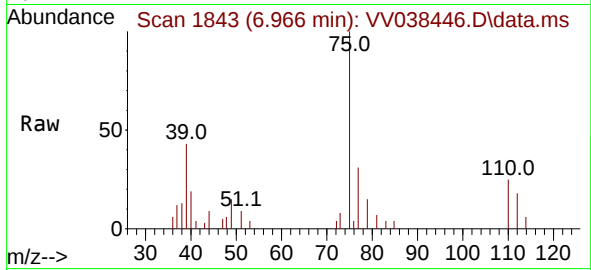
ClientSampleId :

Tgt Ion: 75 Resp: 9741

Ion Ratio Lower Upper

75 100

77 30.8 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 3.503 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.019 min

Lab File: VV038446.D

Acq: 17 Jan 2025 10:40

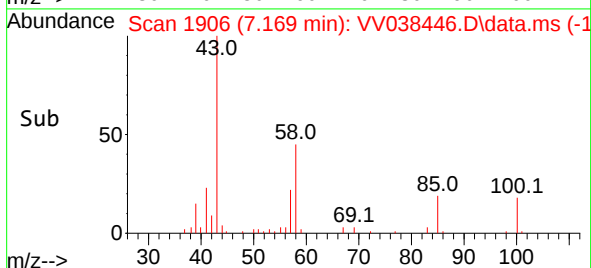
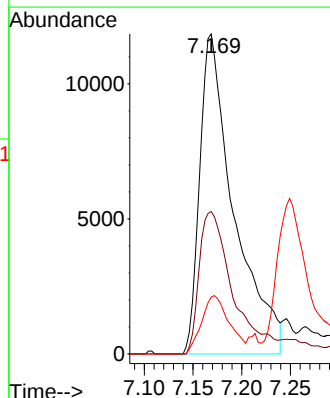
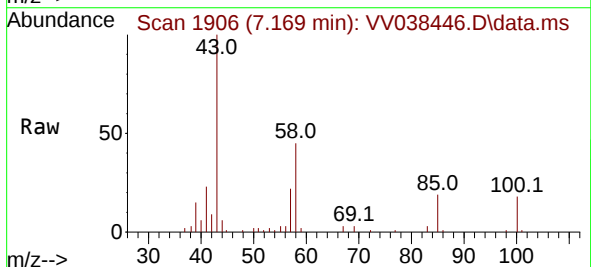
Tgt Ion: 43 Resp: 28799

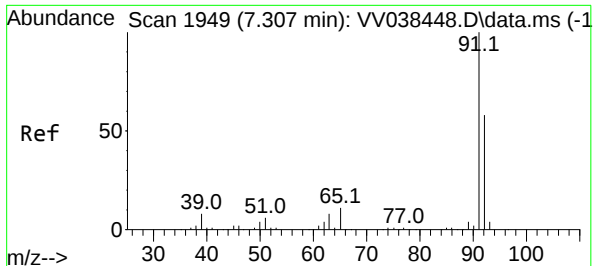
Ion Ratio Lower Upper

43 100

58 43.6 31.7 47.5

100 14.9 12.4 18.6





#42

Toluene

Concen: 0.411 ug/L

RT: 7.317 min Scan# 1949

Delta R.T. 0.010 min

Lab File: VV038446.D

Acq: 17 Jan 2025 10:40

Instrument :

MSVOA_V

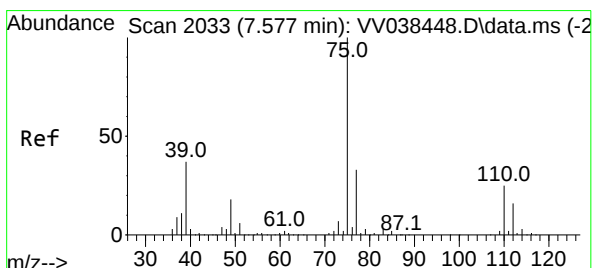
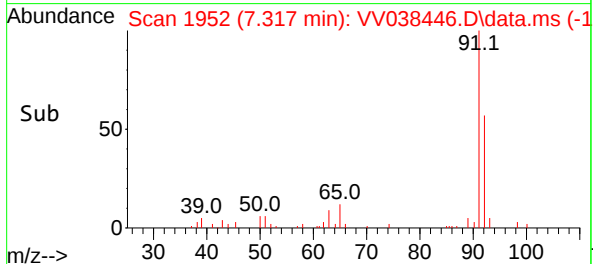
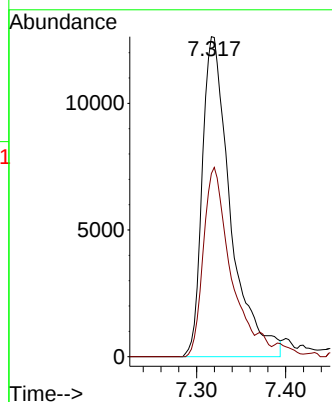
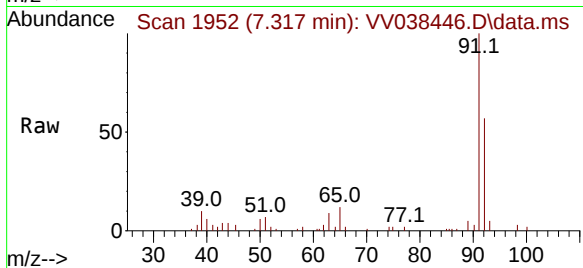
ClientSampleId :

Tgt Ion: 91 Resp: 27733

Ion Ratio Lower Upper

91 100

92 57.2 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 0.025 ug/L

RT: 7.677 min Scan# 2064

Delta R.T. 0.100 min

Lab File: VV038446.D

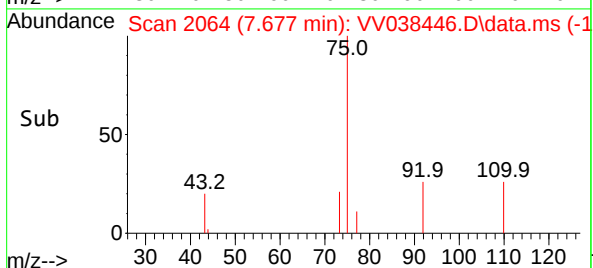
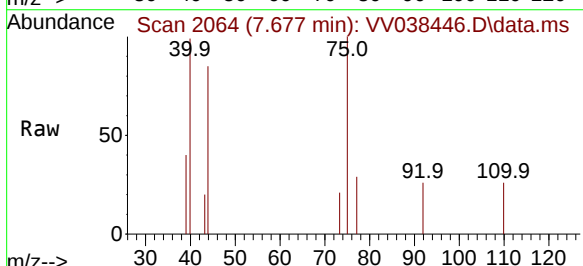
Acq: 17 Jan 2025 10:40

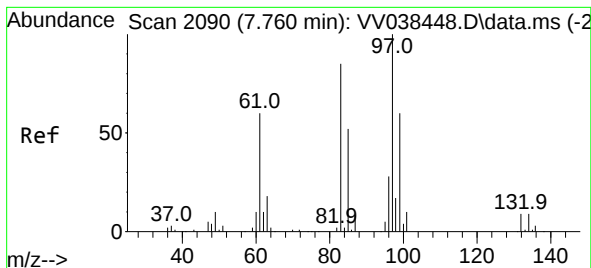
Tgt Ion: 75 Resp: 481

Ion Ratio Lower Upper

75 100

77 28.7 22.8 42.4





#45

1,1,2-Trichloroethane

Concen: 0.479 ug/L

RT: 7.770 min Scan# 2090

Delta R.T. 0.010 min

Lab File: VV038446.D

Acq: 17 Jan 2025 10:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 5766

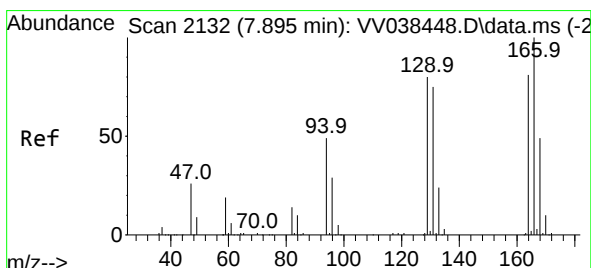
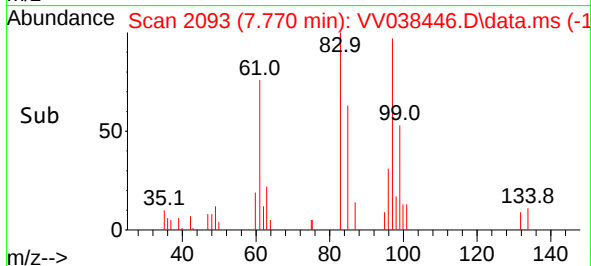
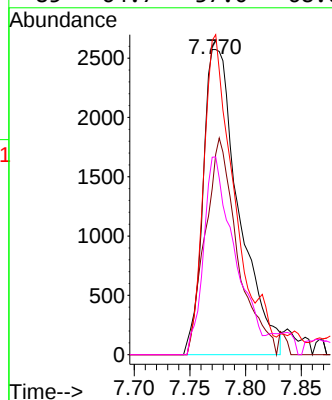
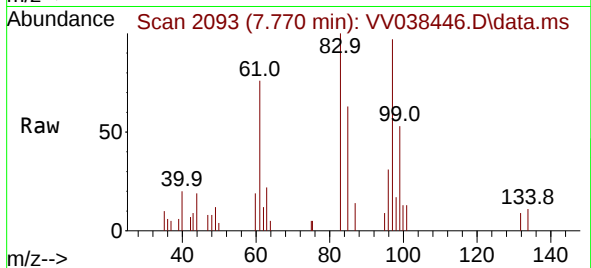
Ion Ratio Lower Upper

97 100

99 54.4 42.3 78.5

83 103.0 59.4 110.4

85 64.7 37.0 68.6



#47

Tetrachloroethene

Concen: 0.491 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.010 min

Lab File: VV038446.D

Acq: 17 Jan 2025 10:40

Tgt Ion: 164 Resp: 6402

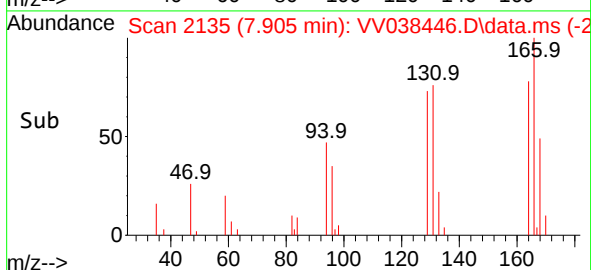
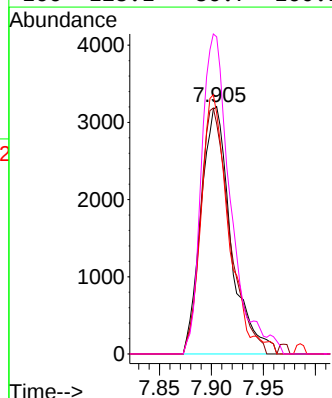
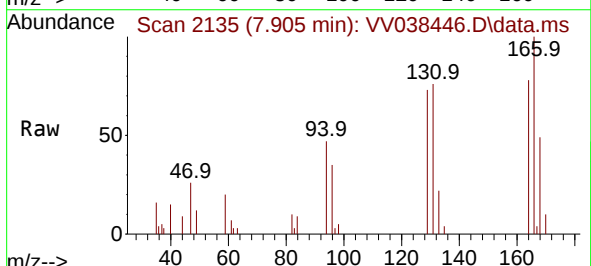
Ion Ratio Lower Upper

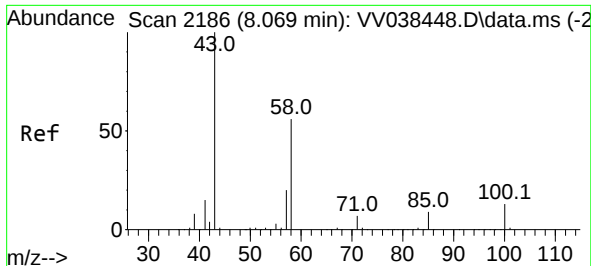
164 100

129 93.0 68.9 127.9

131 97.3 65.2 121.2

166 128.1 86.7 160.9

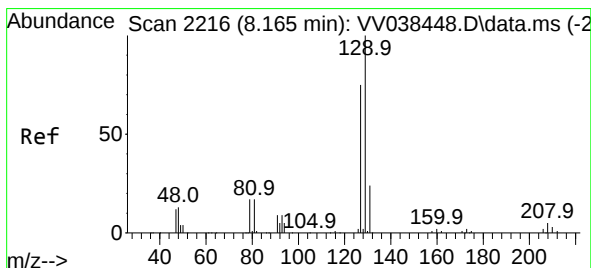
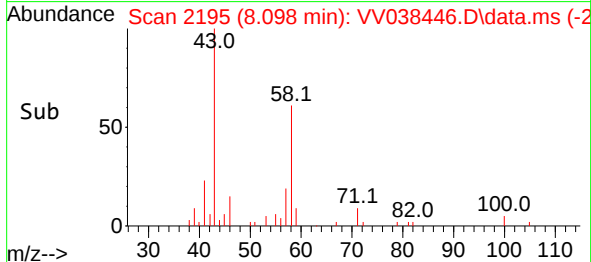
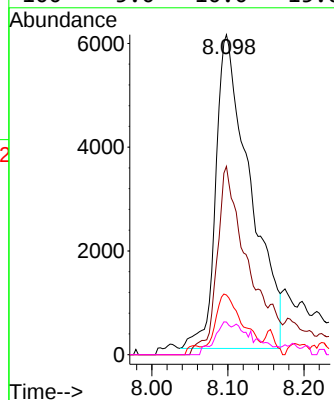
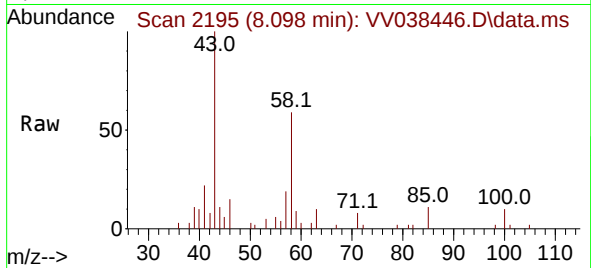




#48
2-Hexanone
Concen: 3.208 ug/L
RT: 8.098 min Scan# 2186
Delta R.T. 0.029 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40

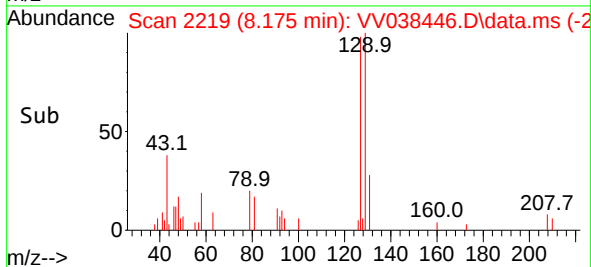
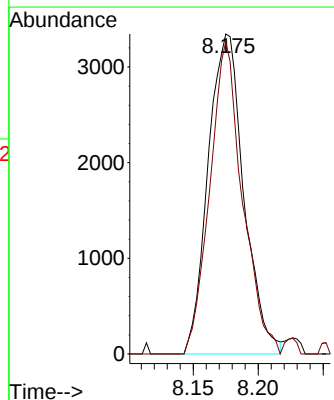
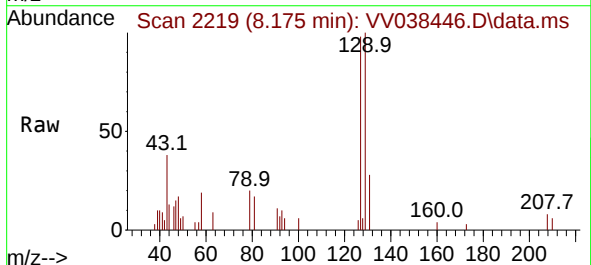
Instrument :
MSVOA_V
ClientSampleId :

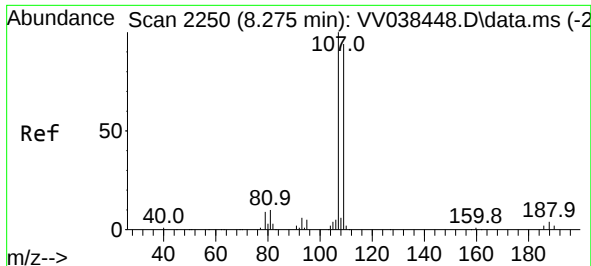
Tgt Ion: 43	Resp: 18984
Ion Ratio	Lower Upper
43 100	
58 50.7	43.6 65.4
57 15.4	15.0 22.4
100 5.0	10.0 15.0#



#49
Dibromochloromethane
Concen: 0.461 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.010 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40

Tgt Ion:129	Resp:	6382	
Ion	Ratio	Lower	Upper
129	100		
127	97.6	52.8	98.2





#50

1,2-Dibromoethane

Concen: 0.454 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.013 min

Lab File: VV038446.D

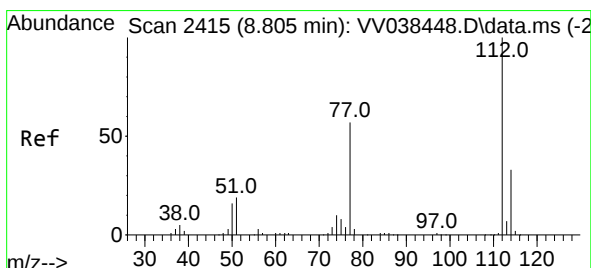
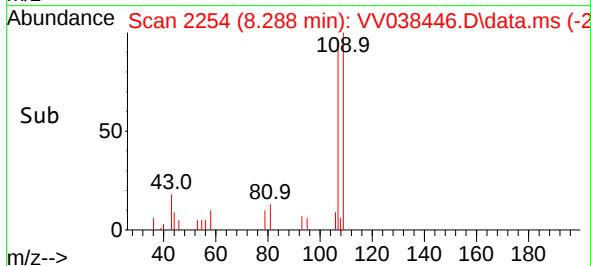
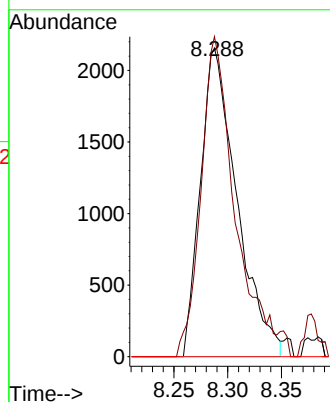
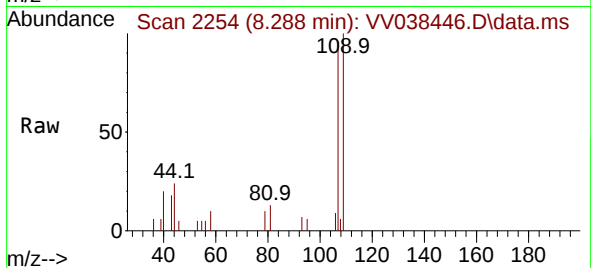
Acq: 17 Jan 2025 10:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	5080
Ion Ratio	Lower	Upper
107	100	
109	103.7	65.9 122.3
188	0.0	2.8 4.2#



#51

Chlorobenzene

Concen: 0.494 ug/L

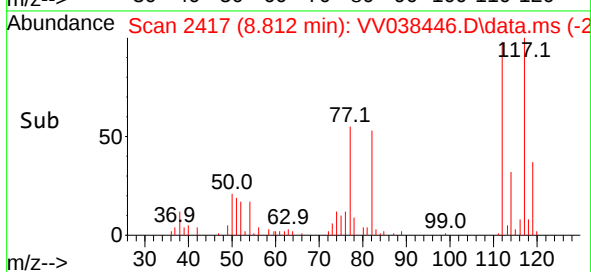
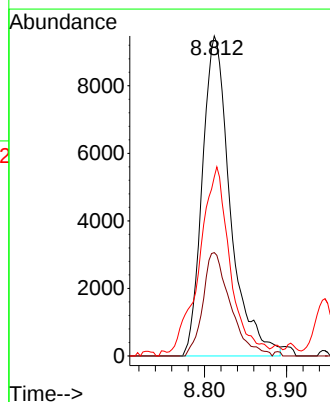
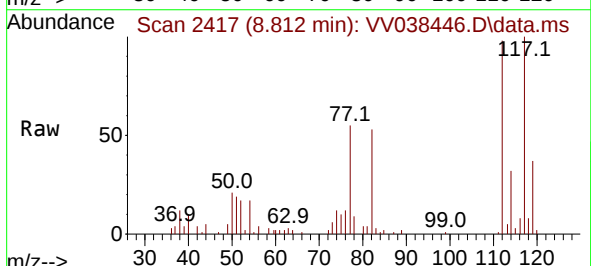
RT: 8.812 min Scan# 2417

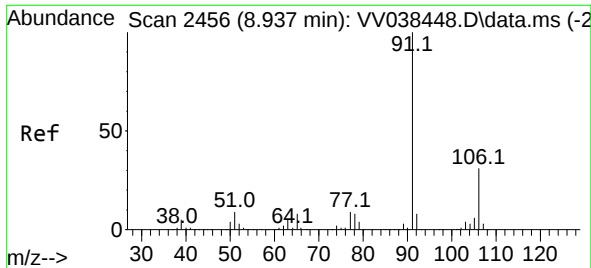
Delta R.T. 0.006 min

Lab File: VV038446.D

Acq: 17 Jan 2025 10:40

Tgt Ion:112	Resp:	22448
Ion Ratio	Lower	Upper
112	100	
114	32.3	22.9 42.5
77	55.9	46.1 69.1

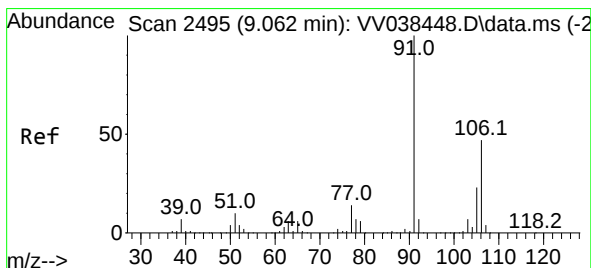
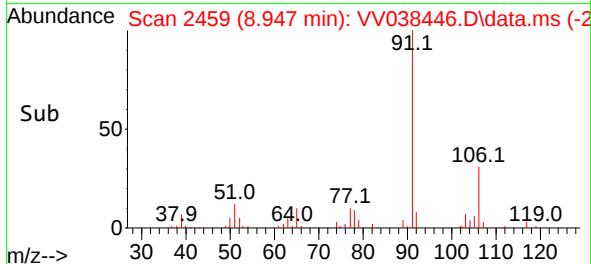
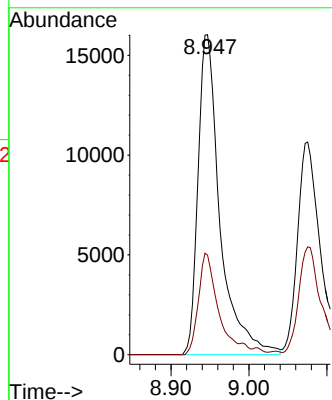
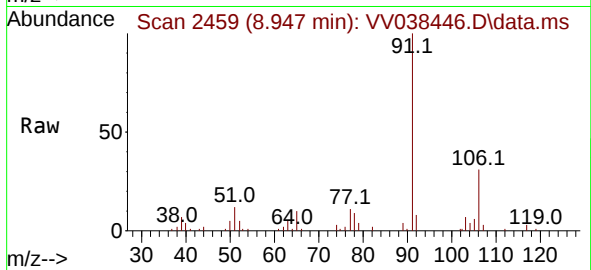




#52
Ethylbenzene
Concen: 0.432 ug/L
RT: 8.947 min Scan# 2456
Delta R.T. 0.010 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40

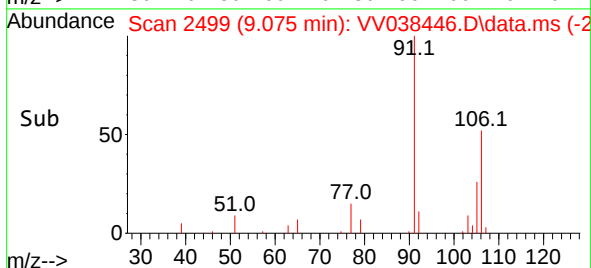
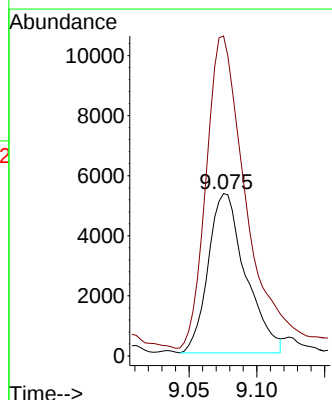
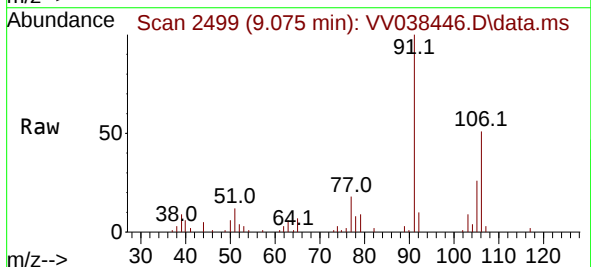
Instrument :
MSVOA_V
ClientSampleId :

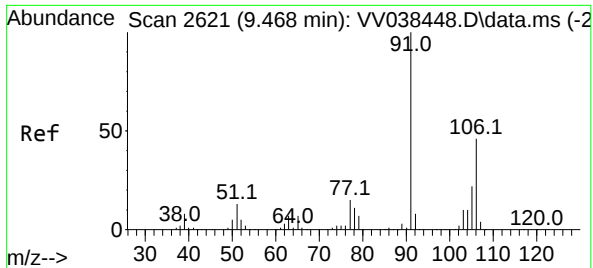
Tgt Ion: 91 Resp: 31424
Ion Ratio Lower Upper
91 100
106 31.1 22.0 40.8



#53
m,p-Xylene
Concen: 0.380 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.013 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40

Tgt Ion:106 Resp: 10223
Ion Ratio Lower Upper
106 100
91 197.1 148.2 275.2

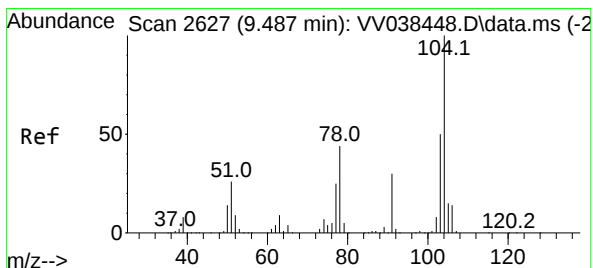
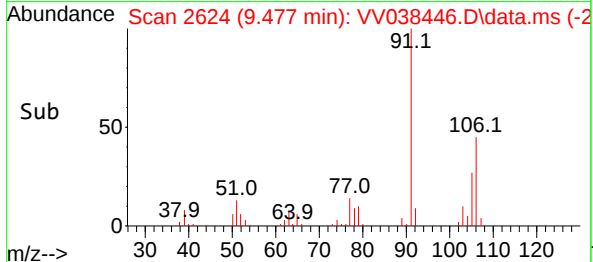
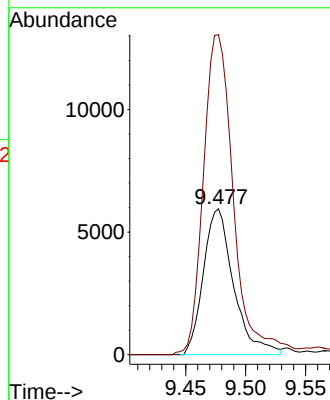
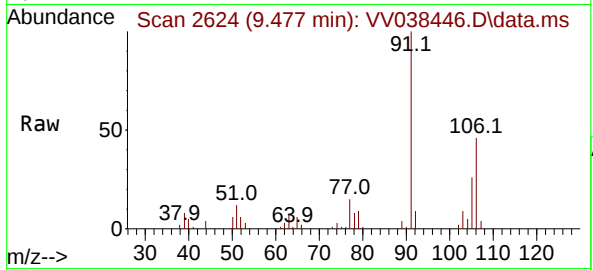




#54
o-Xylene
Concen: 0.398 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.010 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40

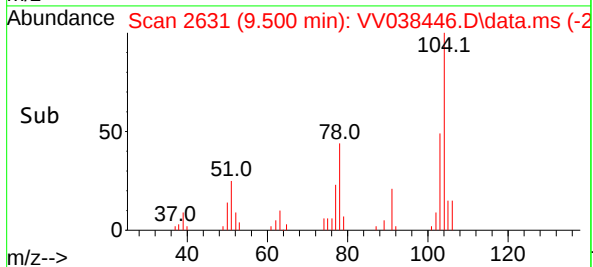
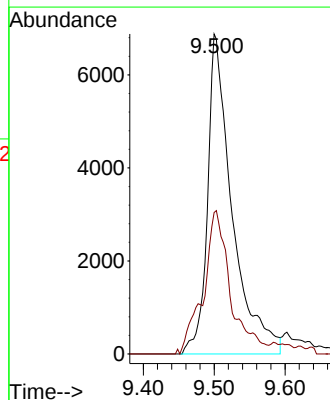
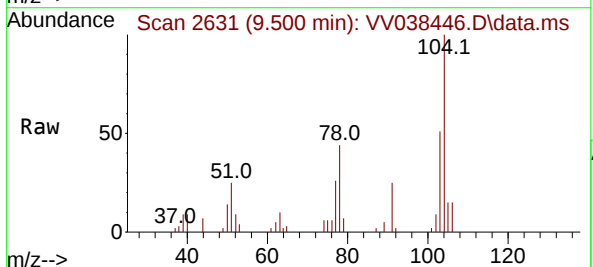
Instrument :
MSVOA_V
ClientSampleId :

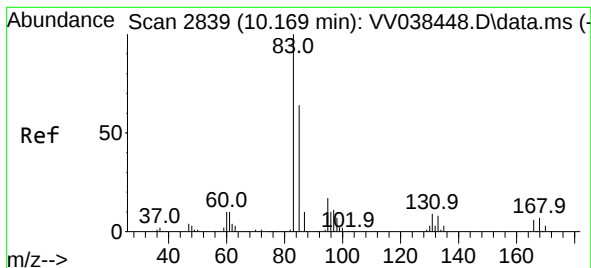
Tgt Ion:106 Resp: 10450
Ion Ratio Lower Upper
106 100
91 219.3 151.4 281.2



#55
Styrene
Concen: 0.366 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.013 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40

Tgt Ion:104 Resp: 16580
Ion Ratio Lower Upper
104 100
78 44.2 30.8 57.2

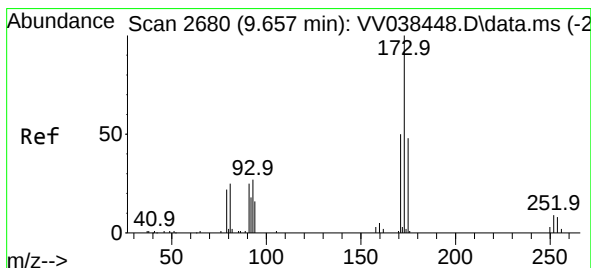
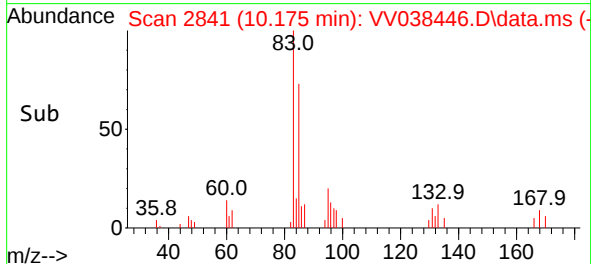
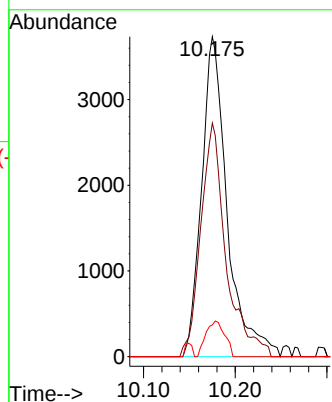
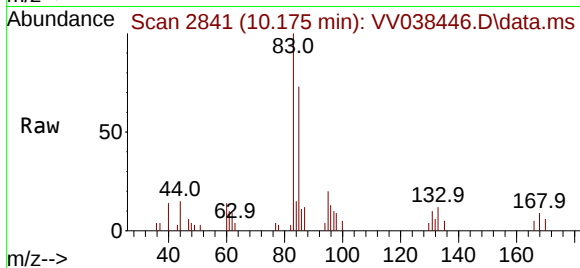




#57
 1,1,2,2-Tetrachloroethane
 Concen: 0.493 ug/L
 RT: 10.175 min Scan# 2841
 Delta R.T. 0.006 min
 Lab File: VV038446.D
 Acq: 17 Jan 2025 10:40

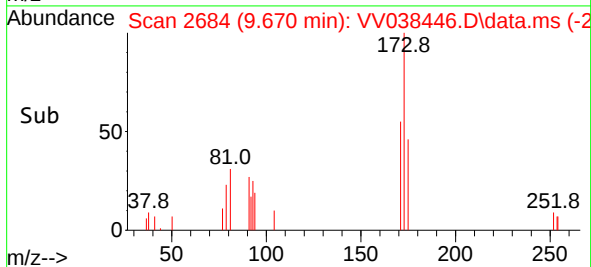
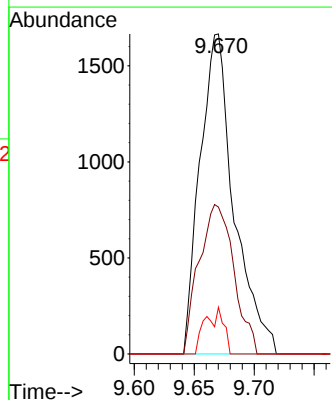
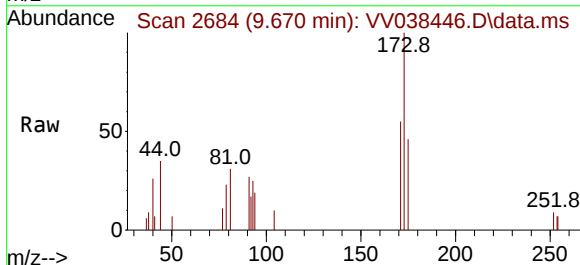
Instrument :
 MSVOA_V
 ClientSampleId :

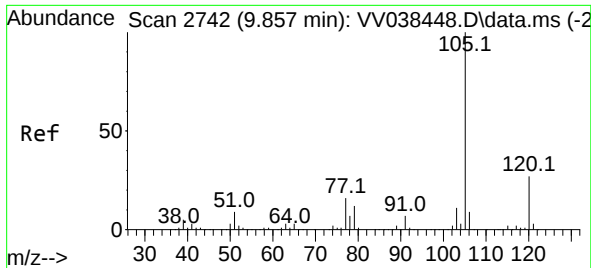
Tgt Ion:	83	Resp:	7233
Ion	Ratio	Lower	Upper
83	100		
85	73.0	45.1	83.7
131	9.9	7.5	11.3



#59
 Bromoform
 Concen: 0.511 ug/L
 RT: 9.670 min Scan# 2684
 Delta R.T. 0.013 min
 Lab File: VV038446.D
 Acq: 17 Jan 2025 10:40

Tgt Ion:	173	Resp:	3287
Ion	Ratio	Lower	Upper
173	100		
175	47.7	37.6	56.4
254	3.2	5.6	8.4

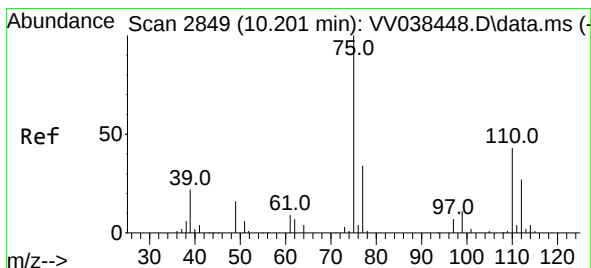
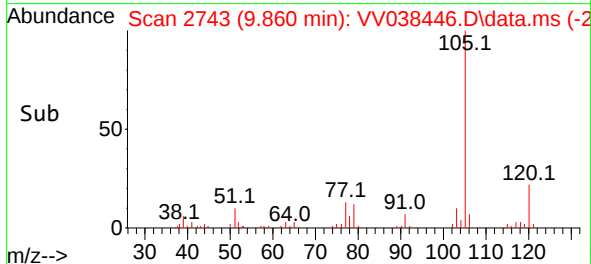
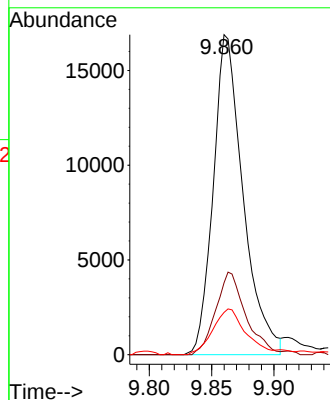
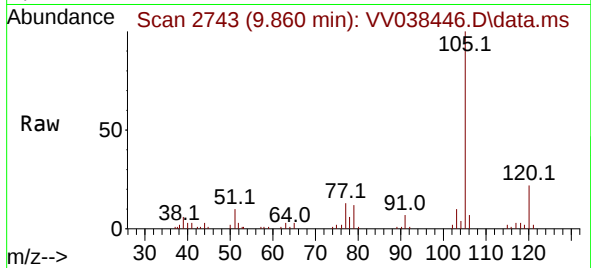




#60
Isopropylbenzene
Concen: 0.454 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40

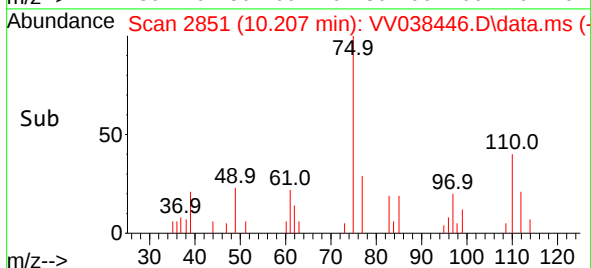
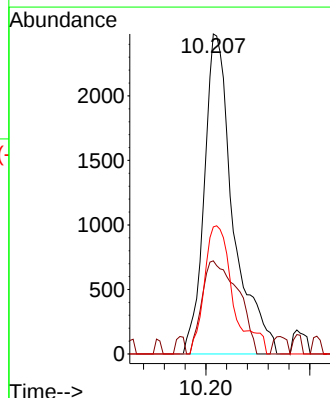
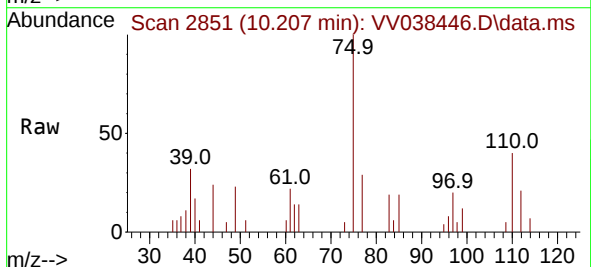
Instrument :
MSVOA_V
ClientSampleId :

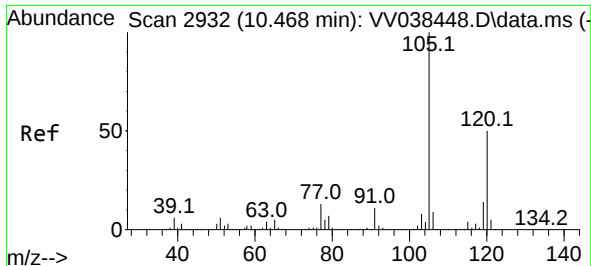
Tgt Ion:105 Resp: 28144
Ion Ratio Lower Upper
105 100
120 25.9 21.4 32.2
77 15.6 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 0.539 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.006 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40

Tgt Ion: 75 Resp: 4777
Ion Ratio Lower Upper
75 100
77 36.2 25.4 38.0
110 39.8 32.6 48.8





#62

1,3,5-Trimethylbenzene

Concen: 0.431 ug/L

RT: 10.471 min Scan# 2932

Delta R.T. 0.003 min

Lab File: VV038446.D

Acq: 17 Jan 2025 10:40

Instrument :

MSVOA_V

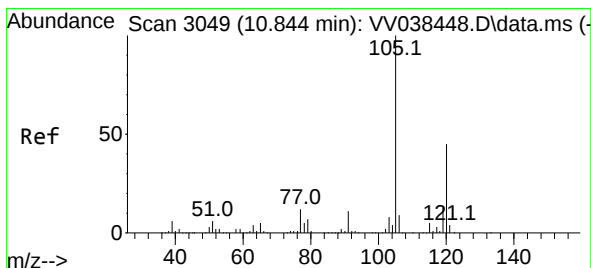
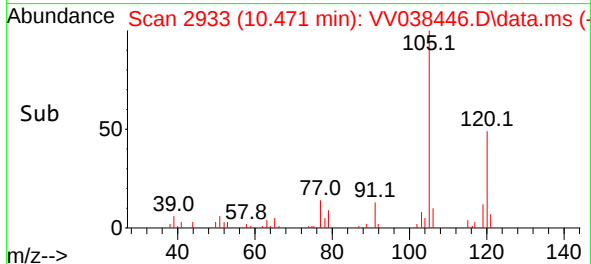
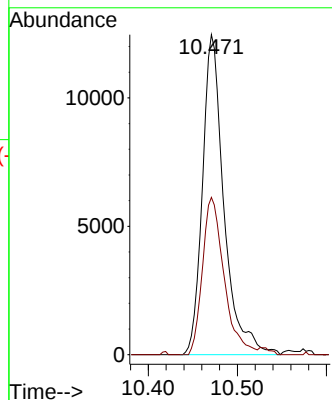
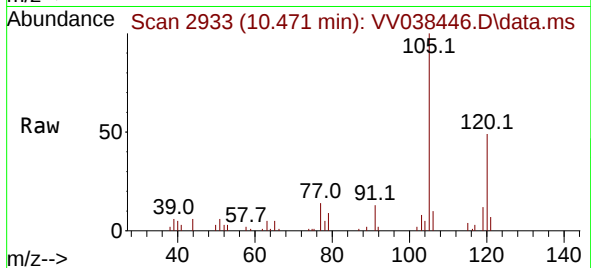
ClientSampleId :

Tgt Ion:105 Resp: 20919

Ion Ratio Lower Upper

105 100

120 49.4 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 0.420 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV038446.D

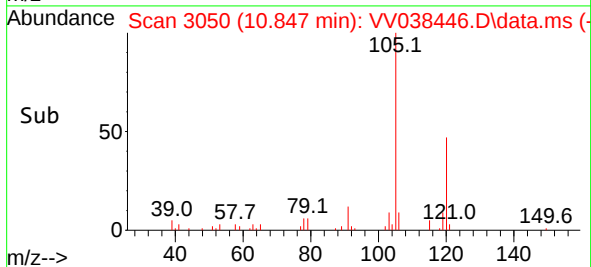
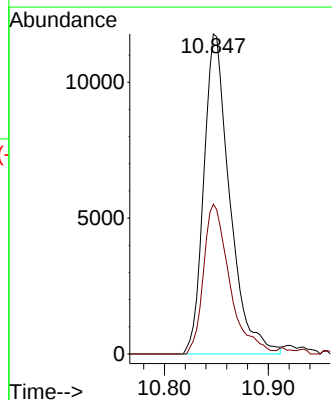
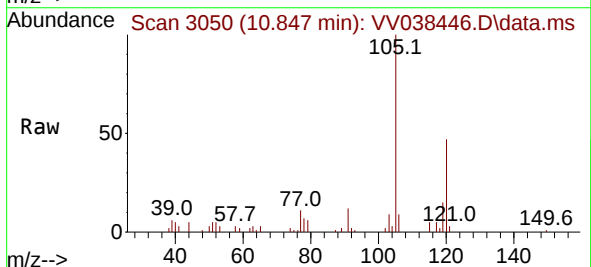
Acq: 17 Jan 2025 10:40

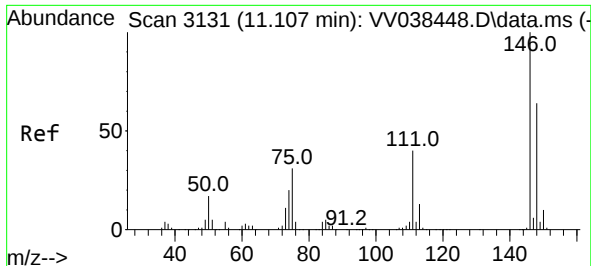
Tgt Ion:105 Resp: 20385

Ion Ratio Lower Upper

105 100

120 47.4 35.8 53.8

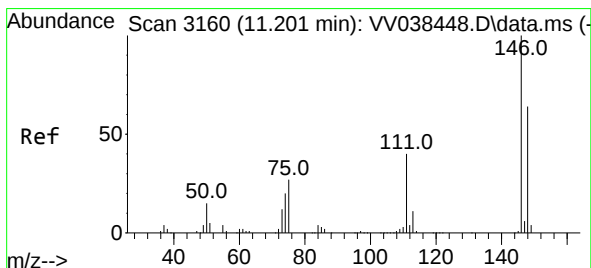
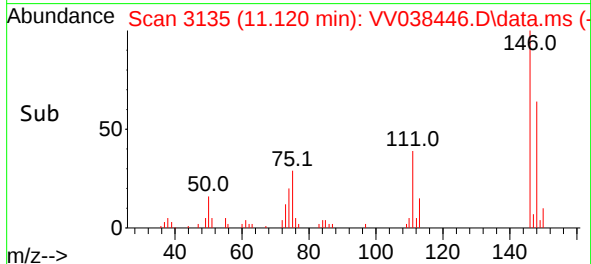
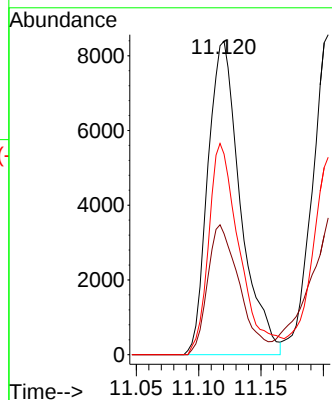
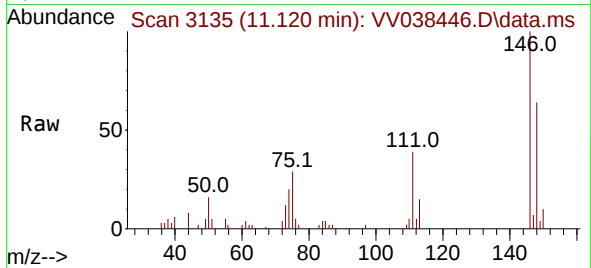




#64
1,3-Dichlorobenzene
Concen: 0.496 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.013 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40

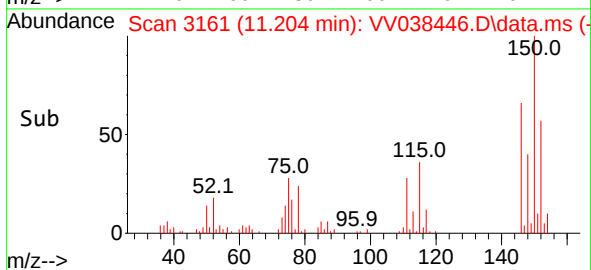
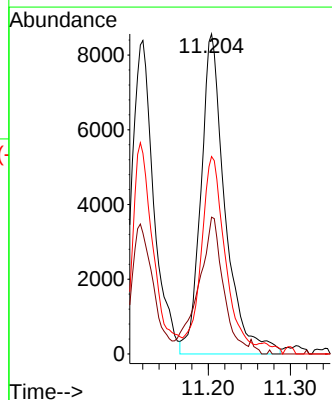
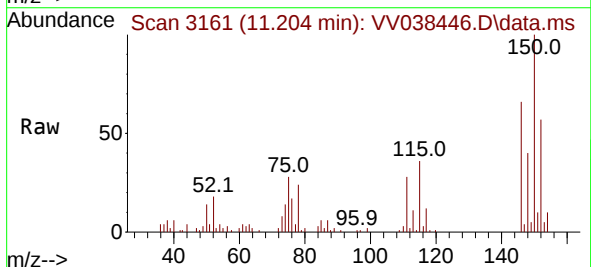
Instrument :
MSVOA_V
ClientSampleId :

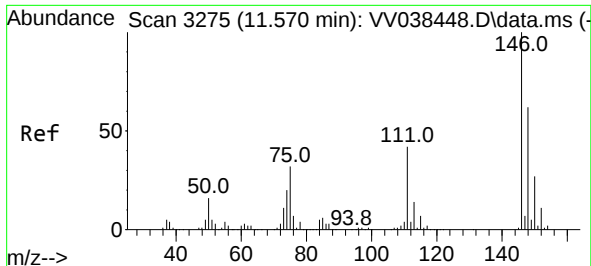
Tgt Ion:146 Resp: 15260
Ion Ratio Lower Upper
146 100
111 38.6 27.9 51.9
148 64.0 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 0.550 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.003 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40

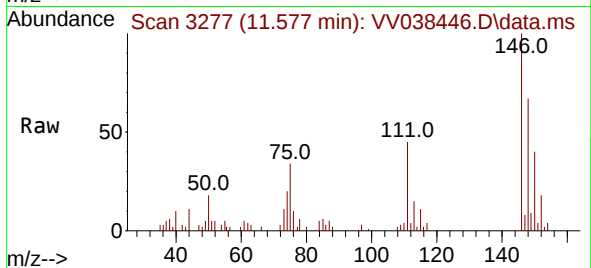
Tgt Ion:146 Resp: 17508
Ion Ratio Lower Upper
146 100
111 42.7 28.1 52.3
148 61.7 44.7 83.1



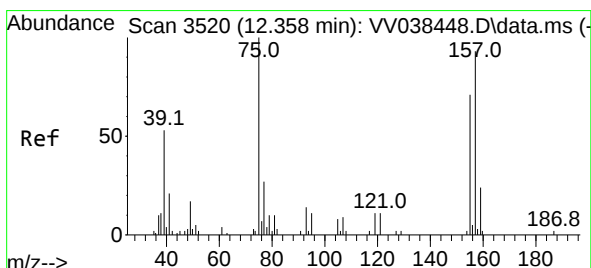
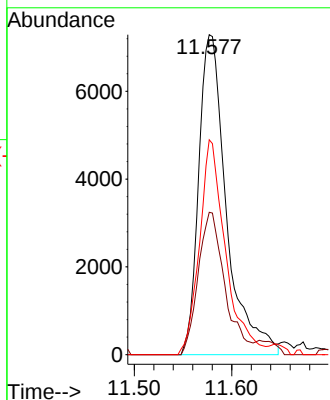
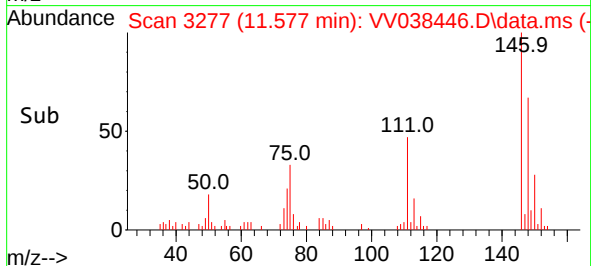


#67
1,2-Dichlorobenzene
Concen: 0.501 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40

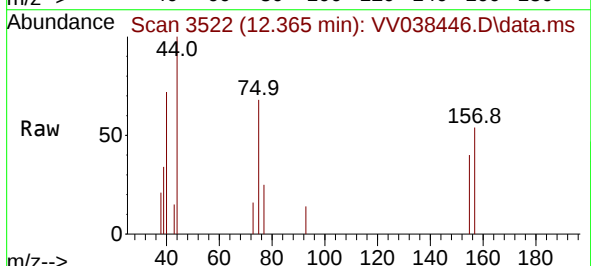
Instrument :
MSVOA_V
ClientSampleId :



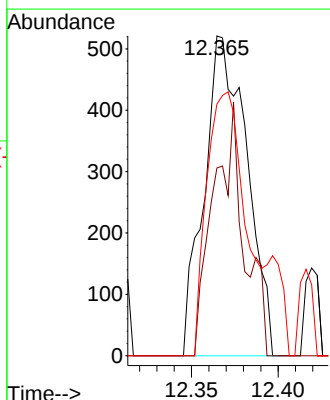
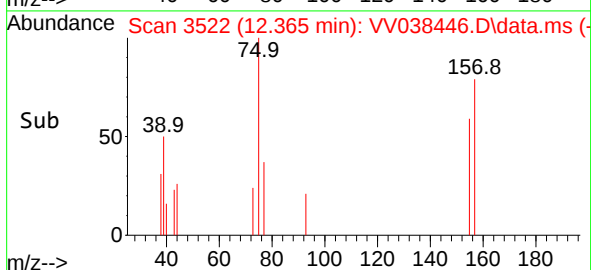
Tgt Ion:146 Resp: 14453
Ion Ratio Lower Upper
146 100
111 44.5 33.4 50.0
148 67.2 49.9 74.9

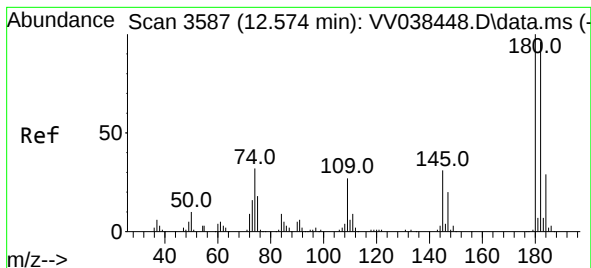


#68
1,2-Dibromo-3-chloropropane
Concen: 0.489 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.006 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40



Tgt Ion: 75 Resp: 895
Ion Ratio Lower Upper
75 100
155 58.7 56.7 85.1
157 78.7 74.4 111.6





#69

1,3,5-Trichlorobenzene

Concen: 0.509 ug/L

RT: 12.580 min Scan# 3

Delta R.T. 0.006 min

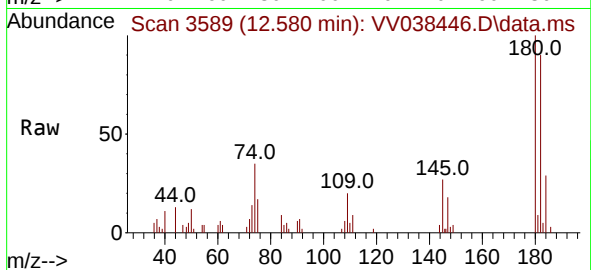
Lab File: VV038446.D

Acq: 17 Jan 2025 10:40

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 10770

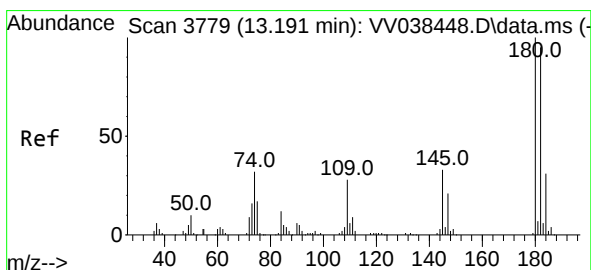
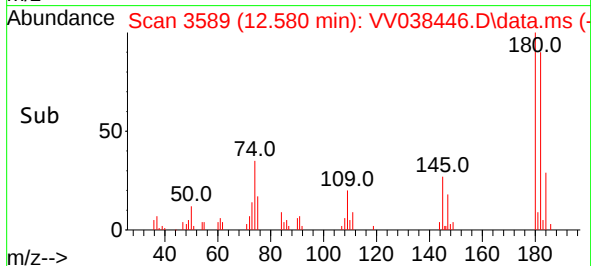
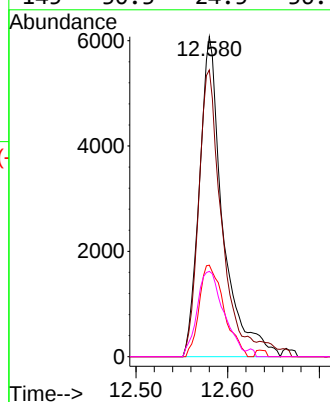
Ion Ratio Lower Upper

180 100

182 86.9 74.3 111.5

184 30.2 23.2 34.8

145 30.3 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 0.407 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.010 min

Lab File: VV038446.D

Acq: 17 Jan 2025 10:40

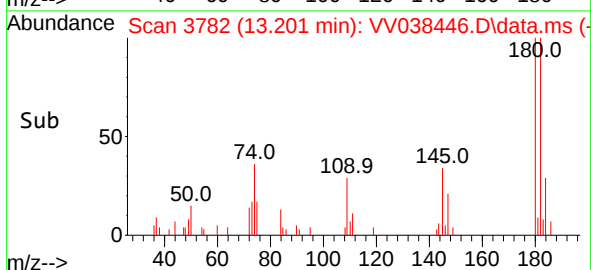
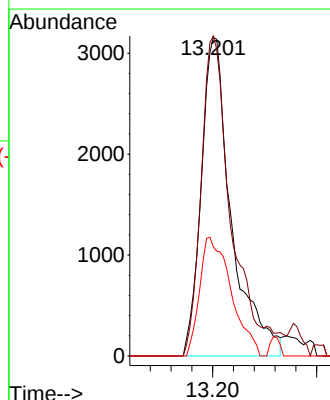
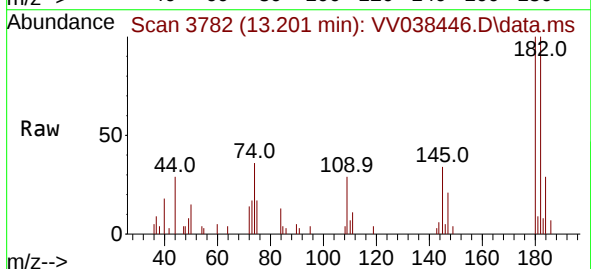
Tgt Ion:180 Resp: 6350

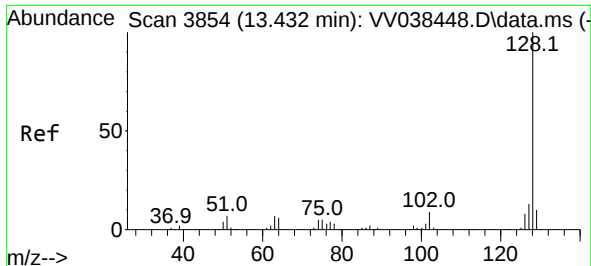
Ion Ratio Lower Upper

180 100

182 102.0 77.5 116.3

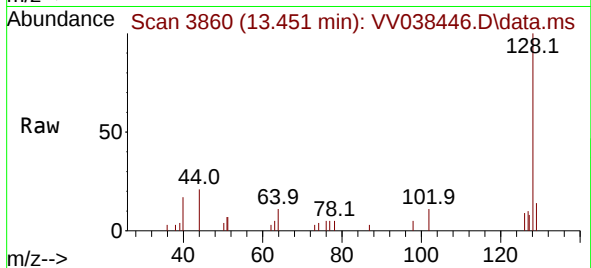
145 39.0 26.2 39.4



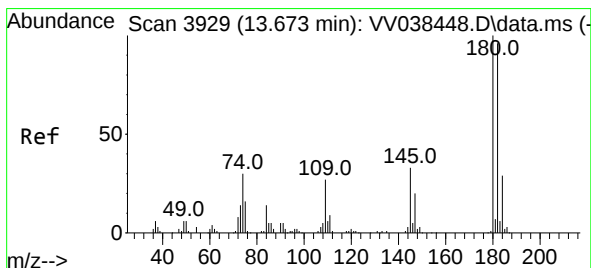
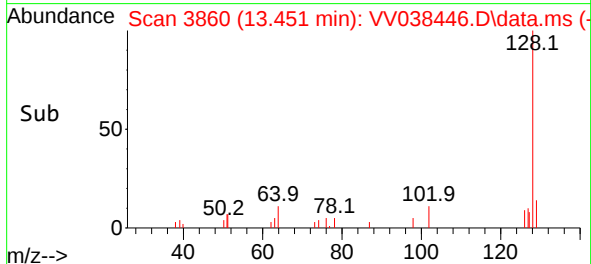
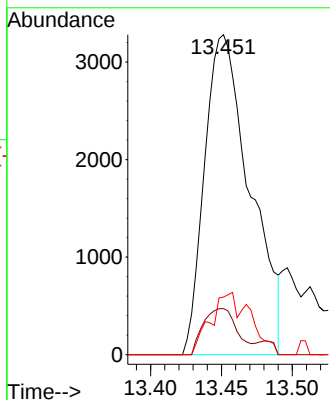


#71
Naphthalene
Concen: 0.325 ug/L
RT: 13.451 min Scan# 3931
Delta R.T. 0.019 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 7341
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 12.1 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 0.417 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.006 min
Lab File: VV038446.D
Acq: 17 Jan 2025 10:40

Tgt Ion:180 Resp: 5669
Ion Ratio Lower Upper
180 100
182 100.4 77.0 115.6
145 36.2 27.1 40.7

