

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
 Data File : VV037878.D
 Acq On : 16 Oct 2024 16:36
 Operator : SY/MD
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 17 01:59:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 17 01:55:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	286964	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	307389	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	146205	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	8588	0.343	ug/L	0.00
7) Chloroethane-d5	1.529	69	7458	0.373	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	4150	0.382	ug/L	0.00
20) 2-Butanone-d5	3.924	46	8869	1.978	ug/L	0.11
24) Chloroform-d	4.249	84	16979	0.410	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.960	65	5557	0.284	ug/L	0.02
32) Benzene-d6	4.969	84	30193	0.354	ug/L	0.02
36) 1,2-Dichloropropane-d6	5.995	67	8840	0.336	ug/L	0.01
41) Toluene-d8	7.246	98	26208	0.342	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.577	79	2691	0.285	ug/L	0.03
46) 2-Hexanone-d5	8.056	63	7664	1.919	ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.152	84	7804	0.380	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	11439	0.445	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	15204	0.560	ug/L	99
3) Chloromethane	1.214	50	14665	0.475	ug/L	99
5) Vinyl chloride	1.278	62	15322	0.503	ug/L	96
6) Bromomethane	1.484	94	10463	0.590	ug/L	95
8) Chloroethane	1.545	64	8982	0.480	ug/L	99
9) Trichlorofluoromethane	1.709	101	19939	0.540	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	11714	0.523	ug/L	97
12) 1,1-Dichloroethene	2.063	96	10713	0.496	ug/L	92
13) Acetone	2.156	43	7627	2.395	ug/L	88
14) Carbon disulfide	2.233	76	37286	0.542	ug/L	98
15) Methyl Acetate	2.400	43	2470	0.300	ug/L	92
16) Methylene chloride	2.442	84	13922	0.513	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	21813	0.445	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	11922	0.533	ug/L	99
19) 1,1-Dichloroethane	3.104	63	20446	0.466	ug/L	96
21) 2-Butanone	3.973	43	4599	0.902	ug/L	85
22) cis-1,2-Dichloroethene	3.828	96	11301	0.489	ug/L	94
23) Bromochloromethane	4.153	128	4604	0.440	ug/L	89
25) Chloroform	4.268	83	21596	0.498	ug/L	95
27) 1,2-Dichloroethane	5.066	62	11566	0.458	ug/L #	93
29) 1,1,1-Trichloroethane	4.506	97	18573	0.485	ug/L	95
30) Cyclohexane	4.571	56	15096	0.424	ug/L	93
31) Carbon tetrachloride	4.728	117	15645	0.475	ug/L	98
33) Benzene	5.011	78	42166	0.442	ug/L	100
34) Trichloroethene	5.838	95	11106	0.442	ug/L	92
35) Methylcyclohexane	6.040	83	16598	0.446	ug/L	98
37) 1,2-Dichloropropane	6.098	63	10944	0.442	ug/L #	90
38) Bromodichloromethane	6.439	83	13874	0.453	ug/L	93
39) cis-1,3-Dichloropropene	6.969	75	12244	0.366	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	44870	3.424	ug/L	92
42) Toluene	7.320	91	39306	0.398	ug/L	97
44) trans-1,3-Dichloropropene	7.599	75	8844	0.325	ug/L	99

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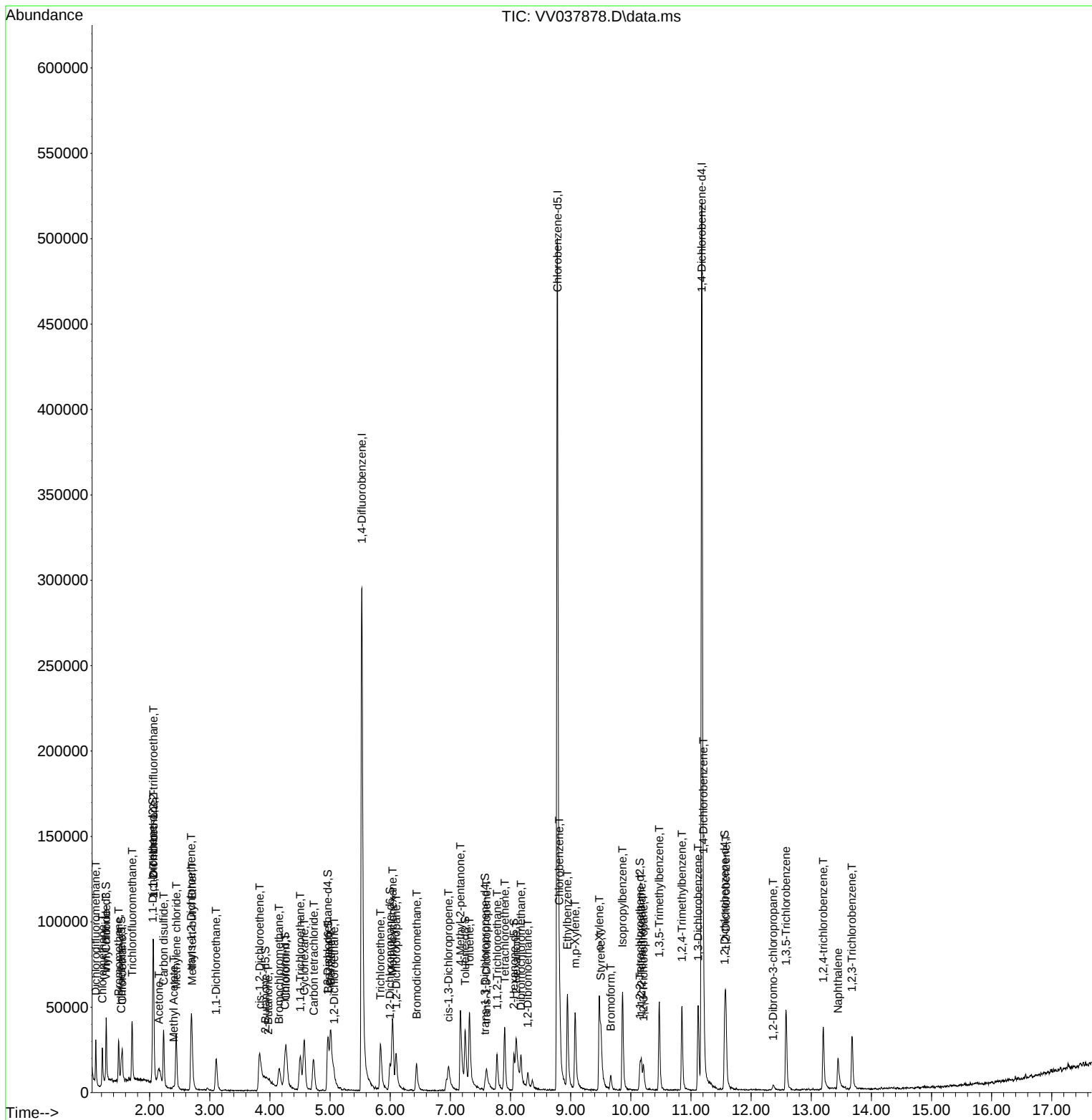
Quant Time: Oct 17 01:59:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 17 01:55:12 2024
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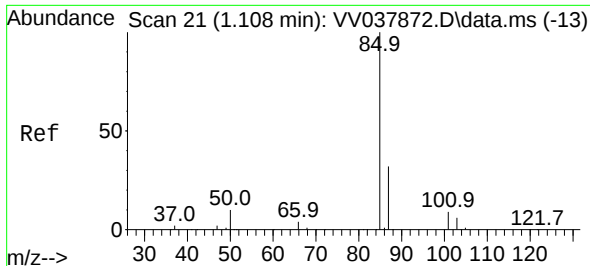
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.776	97	7217	0.411	ug/L	97
47) Tetrachloroethene	7.905	164	9149	0.460	ug/L	95
48) 2-Hexanone	8.095	43	26152	2.708	ug/L #	96
49) Dibromochloromethane	8.175	129	8363	0.451	ug/L	99
50) 1,2-Dibromoethane	8.288	107	7258	0.437	ug/L #	99
51) Chlorobenzene	8.812	112	29633	0.455	ug/L	93
52) Ethylbenzene	8.947	91	45073	0.423	ug/L	99
53) m,p-Xylene	9.075	106	15156	0.383	ug/L	100
54) o-Xylene	9.477	106	15436	0.405	ug/L	99
55) Styrene	9.503	104	22768	0.354	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	8970	0.418	ug/L	96
59) Bromoform	9.667	173	4172	0.472	ug/L	91
60) Isopropylbenzene	9.863	105	40557	0.436	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	6397	0.447	ug/L #	94
62) 1,3,5-Trimethylbenzene	10.474	105	30539	0.407	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	29946	0.405	ug/L	97
64) 1,3-Dichlorobenzene	11.120	146	22719	0.483	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	24429	0.495	ug/L	95
67) 1,2-Dichlorobenzene	11.580	146	21950	0.503	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	1125	0.392	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	17013	0.483	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	12769	0.430	ug/L	98
71) Naphthalene	13.445	128	19486	0.441	ug/L	97
72) 1,2,3-Trichlorobenzene	13.676	180	11011	0.421	ug/L	95

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

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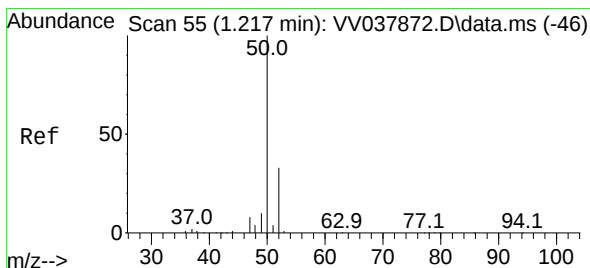
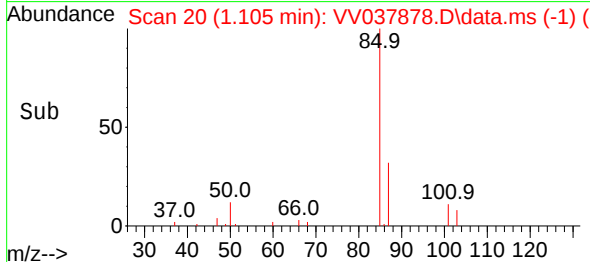
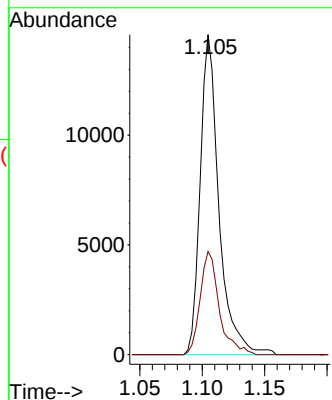
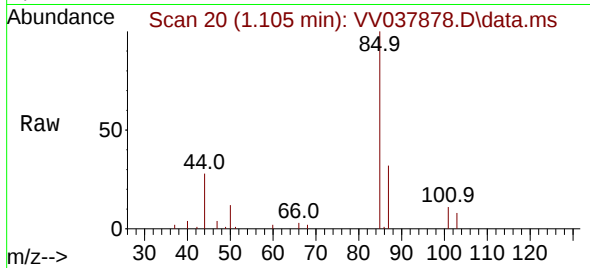




#2
 Dichlorodifluoromethane
 Concen: 0.560 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV037878.D
 Acq: 16 Oct 2024 16:36

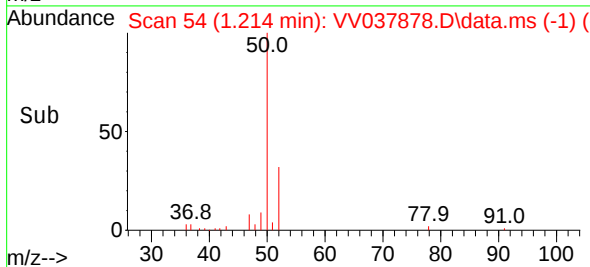
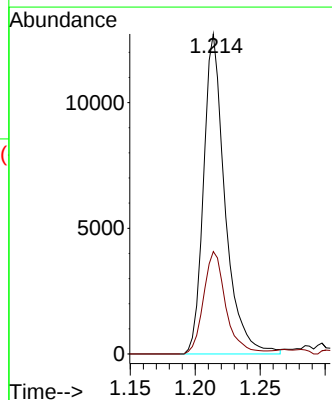
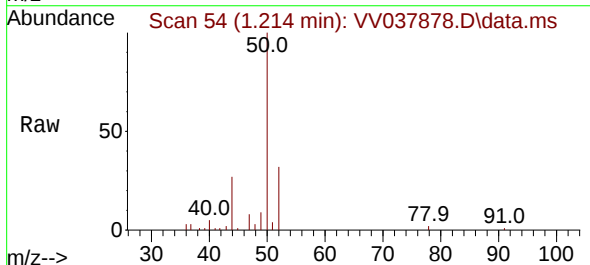
Instrument :
 MSVOA_V
 ClientSampleId :

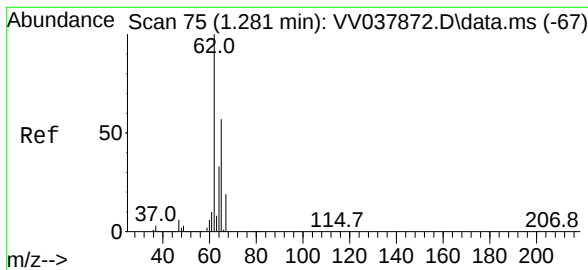
Tgt Ion: 85 Resp: 15204
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.6



#3
 Chloromethane
 Concen: 0.475 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV037878.D
 Acq: 16 Oct 2024 16:36

Tgt Ion: 50 Resp: 14665
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.7 42.3

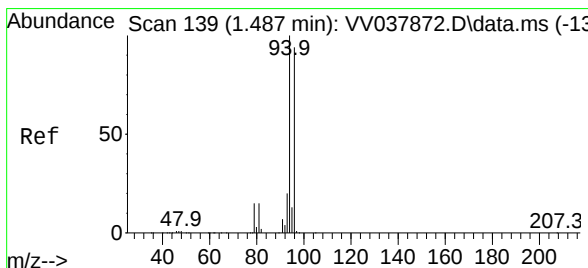
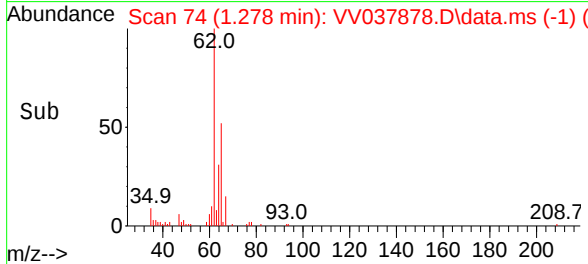
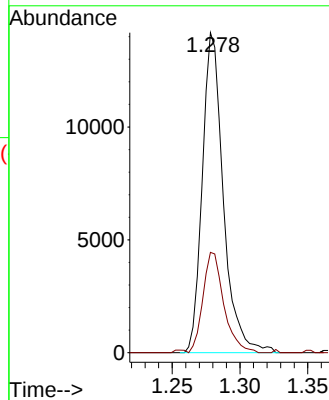
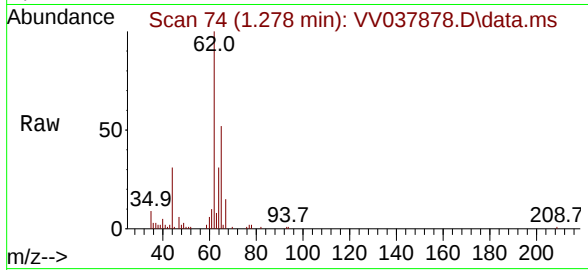




#5
 Vinyl chloride
 Concen: 0.503 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV037878.D
 Acq: 16 Oct 2024 16:36

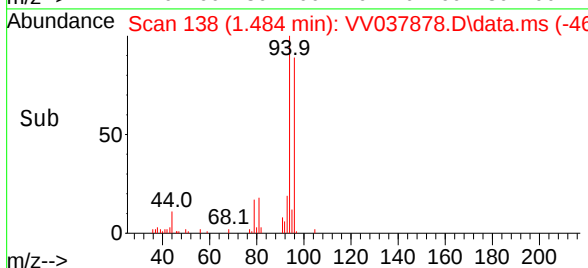
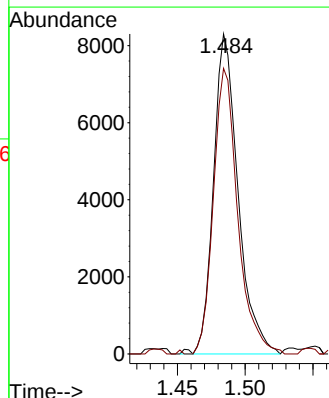
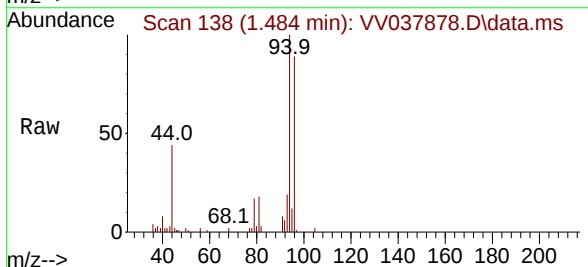
Instrument :
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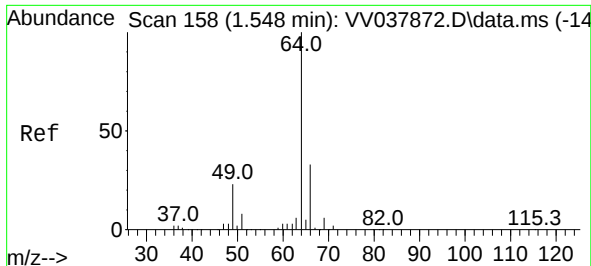
Tgt Ion: 62 Resp: 15322
 Ion Ratio Lower Upper
 62 100
 64 31.4 23.4 43.6



#6
 Bromomethane
 Concen: 0.590 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV037878.D
 Acq: 16 Oct 2024 16:36

Tgt Ion: 94 Resp: 10463
 Ion Ratio Lower Upper
 94 100
 96 89.2 66.1 122.7

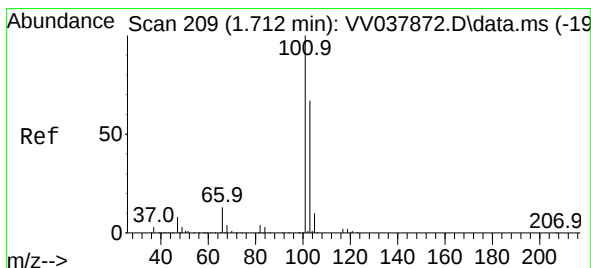
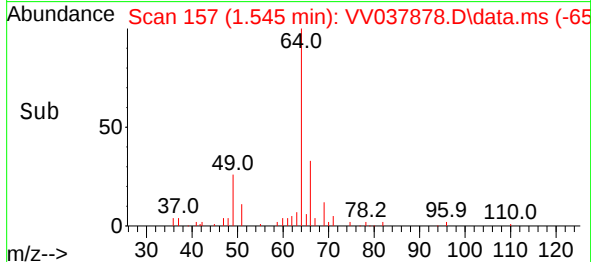
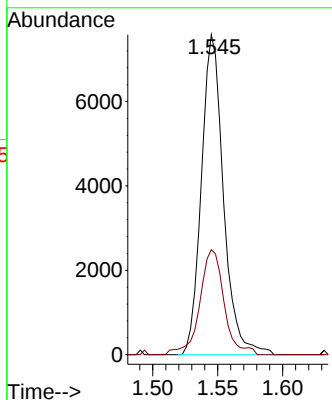
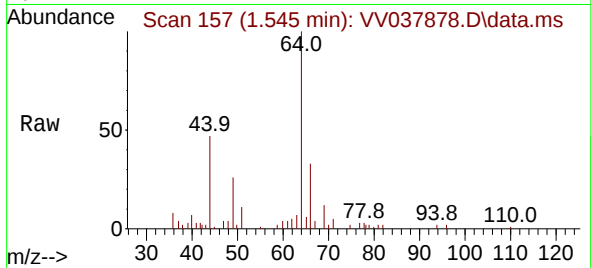




#8
Chloroethane
Concen: 0.480 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV037878.D
Acq: 16 Oct 2024 16:36

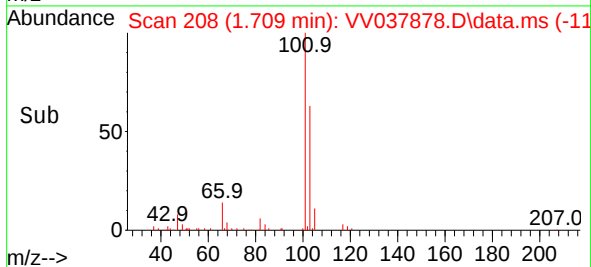
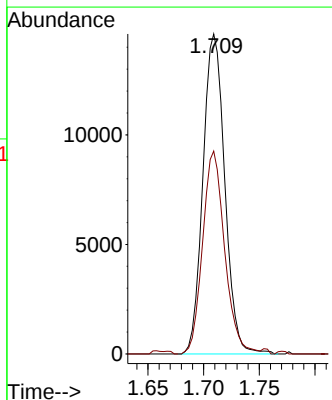
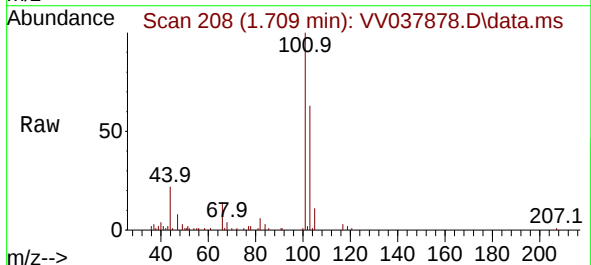
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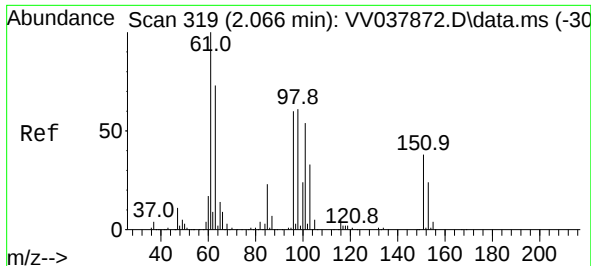
Tgt Ion: 64 Resp: 8982
Ion Ratio Lower Upper
64 100
66 32.8 23.5 43.7



#9
Trichlorofluoromethane
Concen: 0.540 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV037878.D
Acq: 16 Oct 2024 16:36

Tgt Ion:101 Resp: 19939
Ion Ratio Lower Upper
101 100
103 64.0 52.2 78.2

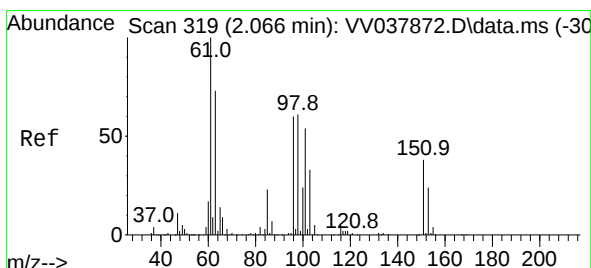
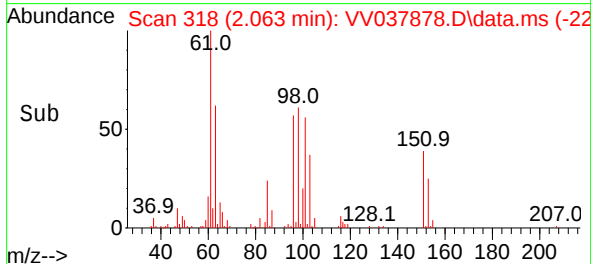
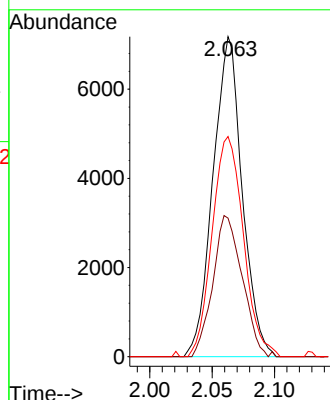
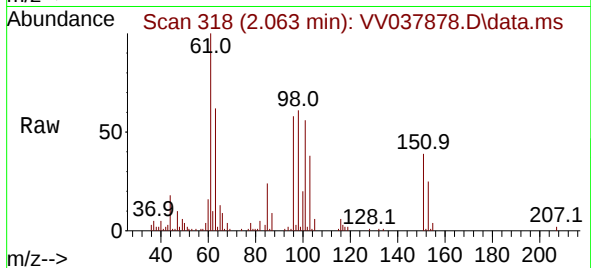




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.523 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV037878.D
 Acq: 16 Oct 2024 16:36

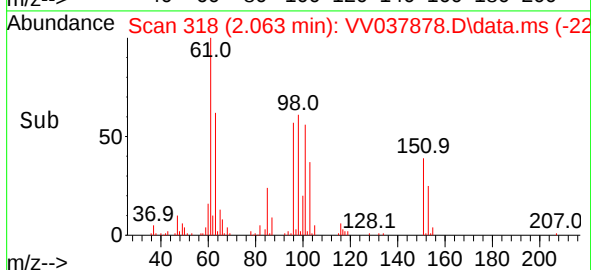
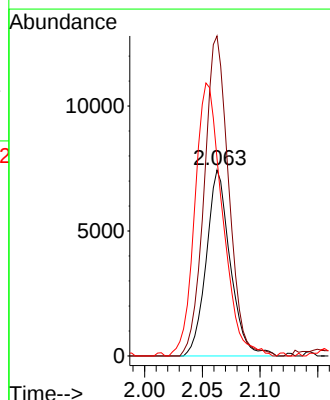
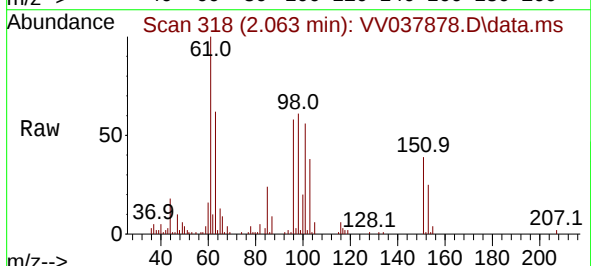
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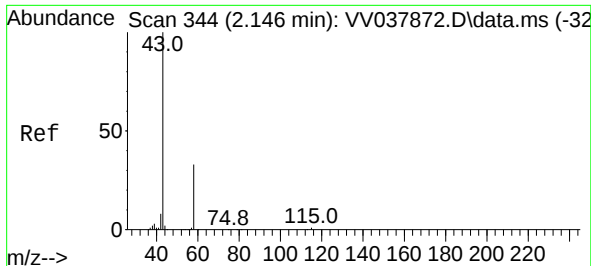
Tgt Ion:101 Resp: 11714
 Ion Ratio Lower Upper
 101 100
 85 44.3 33.6 50.4
 151 73.6 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 0.496 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV037878.D
 Acq: 16 Oct 2024 16:36

Tgt Ion: 96 Resp: 10713
 Ion Ratio Lower Upper
 96 100
 61 172.1 116.3 215.9
 63 106.3 84.9 157.7





#13

Acetone

Concen: 2.395 ug/L

RT: 2.156 min Scan# 344

Delta R.T. 0.010 min

Lab File: VV037878.D

Acq: 16 Oct 2024 16:36

Instrument :

MSVOA_V

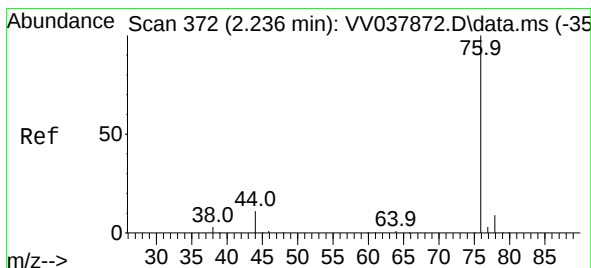
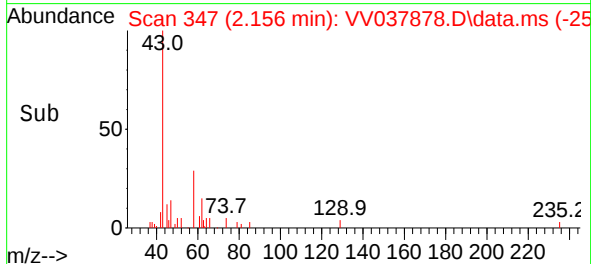
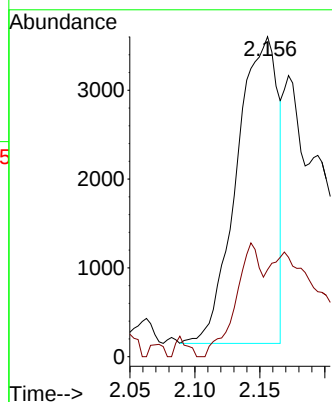
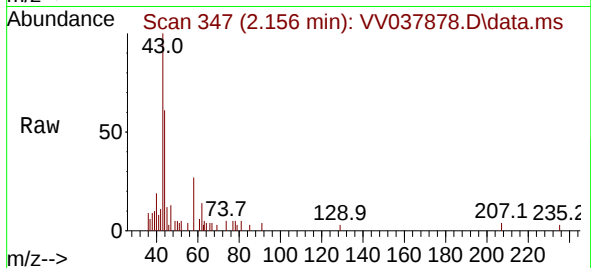
ClientSampleId :

Tgt Ion: 43 Resp: 7627

Ion Ratio Lower Upper

43 100

58 42.5 0.0 70.6



#14

Carbon disulfide

Concen: 0.542 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV037878.D

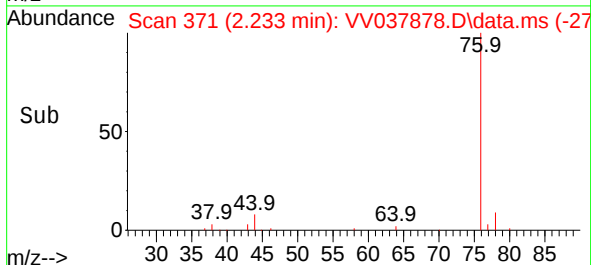
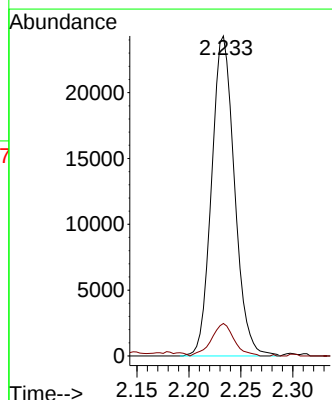
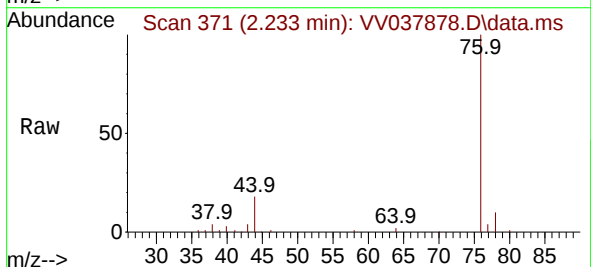
Acq: 16 Oct 2024 16:36

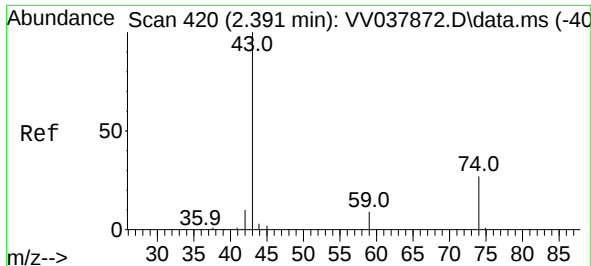
Tgt Ion: 76 Resp: 37286

Ion Ratio Lower Upper

76 100

78 10.2 7.5 11.3





#15

Methyl Acetate

Concen: 0.300 ug/L

RT: 2.400 min Scan# 420

Delta R.T. 0.010 min

Lab File: VV037878.D

Acq: 16 Oct 2024 16:36

Instrument :

MSVOA_V

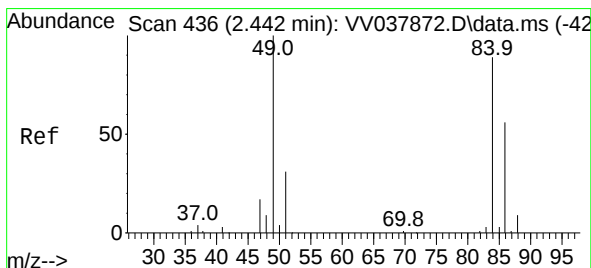
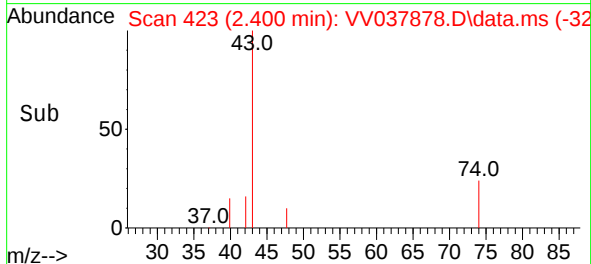
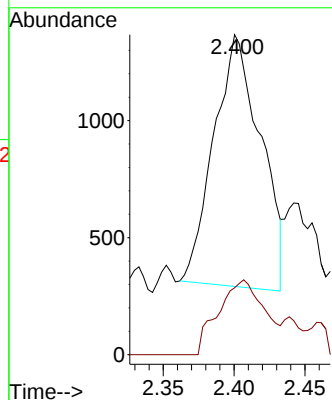
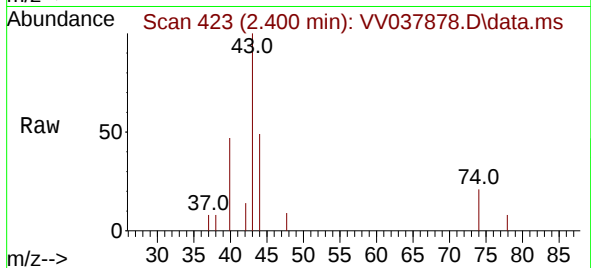
ClientSampleId :

Tgt Ion: 43 Resp: 2470

Ion Ratio Lower Upper

43 100

74 29.6 20.4 30.6



#16

Methylene chloride

Concen: 0.513 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV037878.D

Acq: 16 Oct 2024 16:36

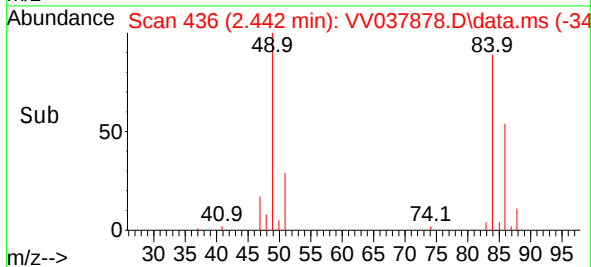
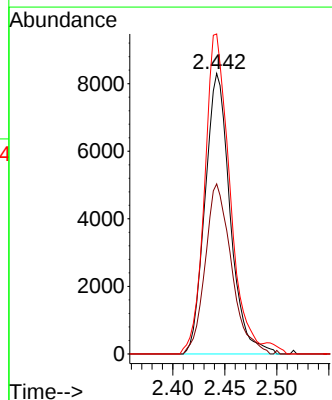
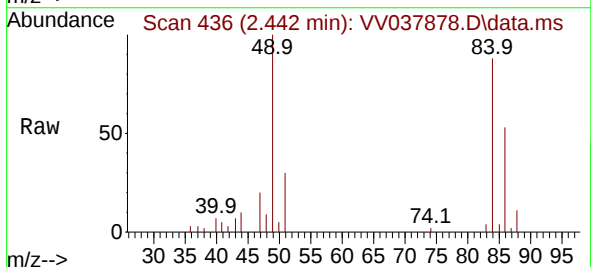
Tgt Ion: 84 Resp: 13922

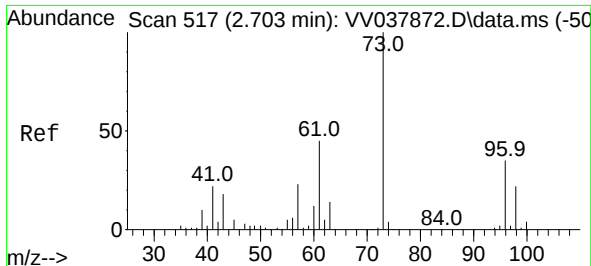
Ion Ratio Lower Upper

84 100

86 60.6 44.0 81.6

49 114.1 78.8 146.4





#17

Methyl tert-butyl Ether

Concen: 0.445 ug/L

RT: 2.706 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV037878.D

Acq: 16 Oct 2024 16:36

Instrument :

MSVOA_V

ClientSampleId :

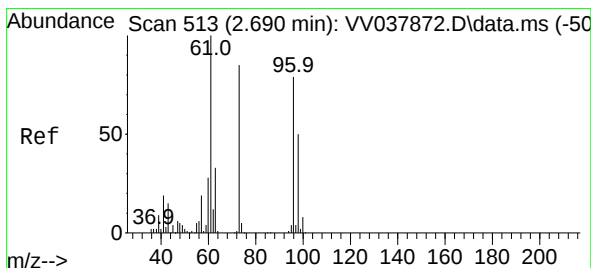
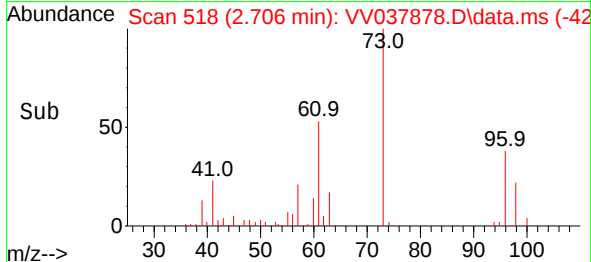
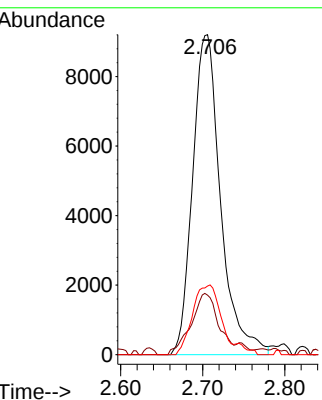
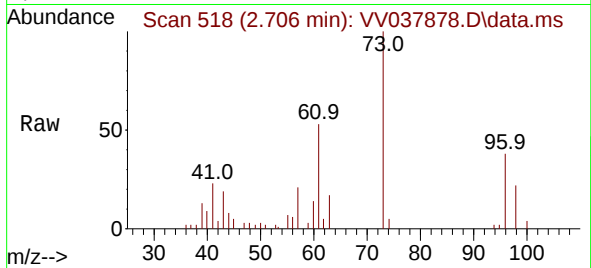
Tgt Ion: 73 Resp: 21813

Ion Ratio Lower Upper

73 100

43 18.8 14.2 21.2

57 21.7 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 0.533 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.003 min

Lab File: VV037878.D

Acq: 16 Oct 2024 16:36

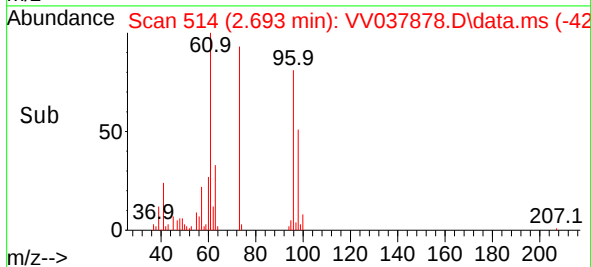
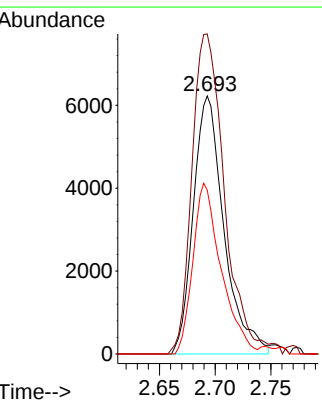
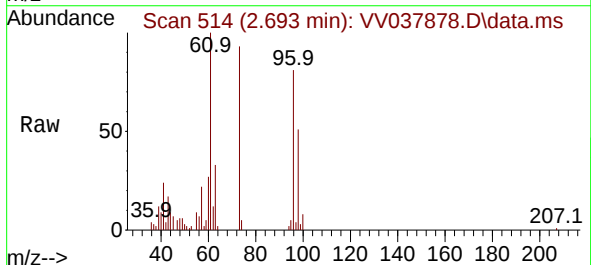
Tgt Ion: 96 Resp: 11922

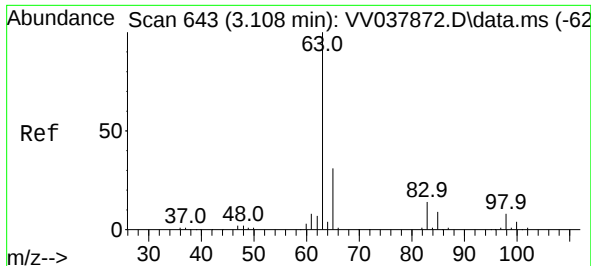
Ion Ratio Lower Upper

96 100

61 124.0 88.4 164.2

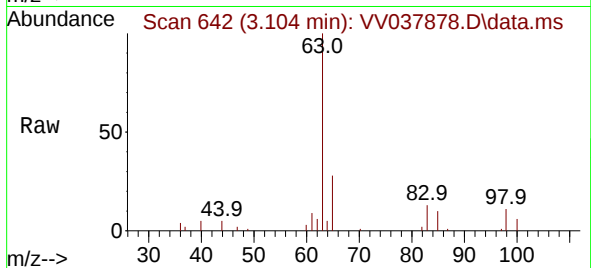
98 63.5 44.6 82.8





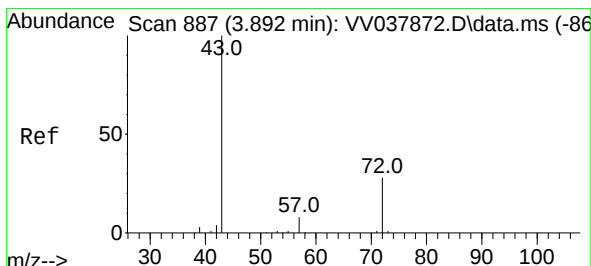
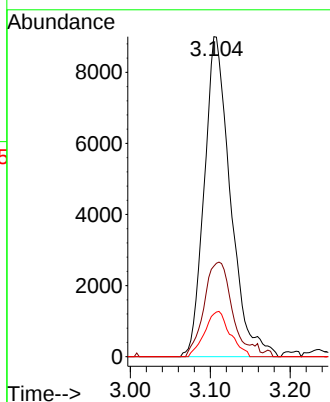
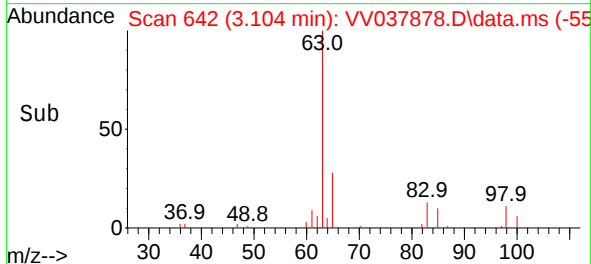
#19
1,1-Dichloroethane
Concen: 0.466 ug/L
RT: 3.104 min Scan# 643
Delta R.T. -0.003 min
Lab File: VV037878.D
Acq: 16 Oct 2024 16:36

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 63 Resp: 20446

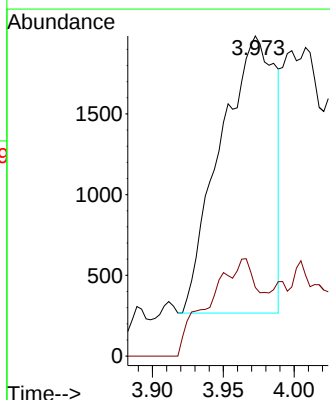
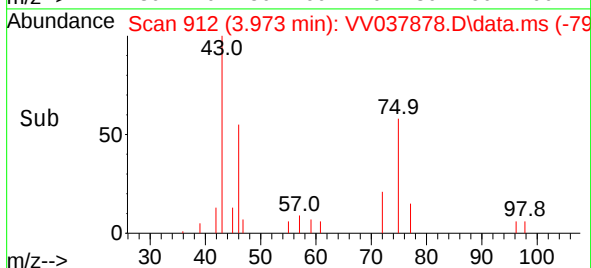
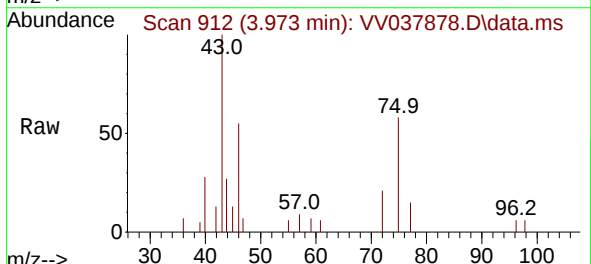
Ion	Ratio	Lower	Upper
63	100		
65	28.3	21.8	40.4
83	13.4	9.9	18.3

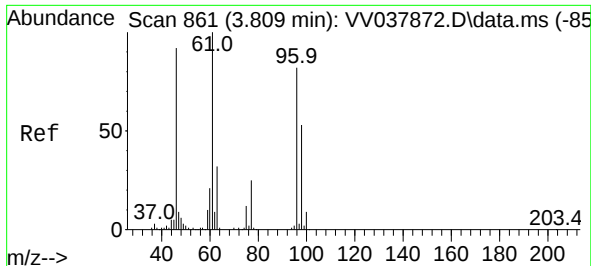


#21
2-Butanone
Concen: 0.902 ug/L
RT: 3.973 min Scan# 912
Delta R.T. 0.080 min
Lab File: VV037878.D
Acq: 16 Oct 2024 16:36

Tgt Ion: 43 Resp: 4599

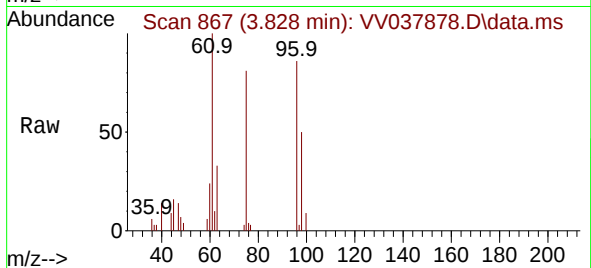
Ion	Ratio	Lower	Upper
43	100		
72	33.4	13.0	38.9



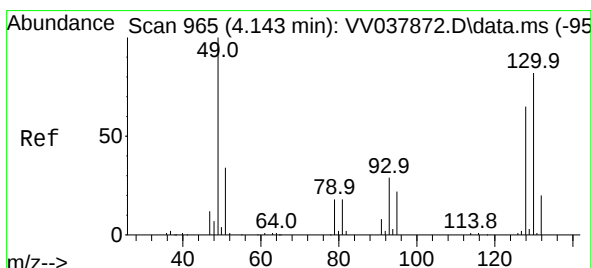
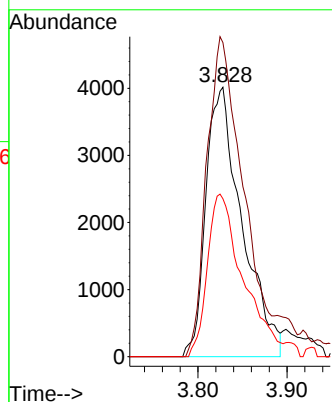
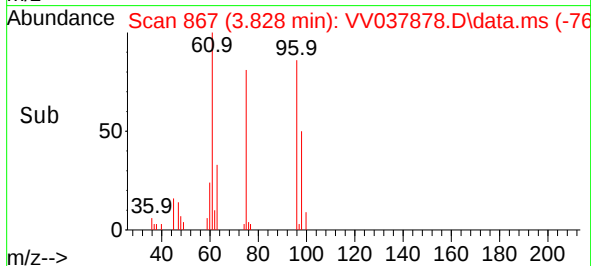


#22
 cis-1,2-Dichloroethene
 Concen: 0.489 ug/L
 RT: 3.828 min Scan# 861
 Delta R.T. 0.019 min
 Lab File: VV037878.D
 Acq: 16 Oct 2024 16:36

Instrument :
 MSVOA_V
 ClientSampleId :

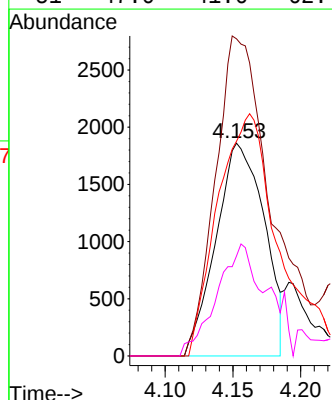
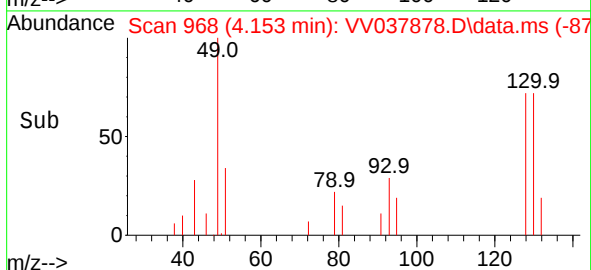
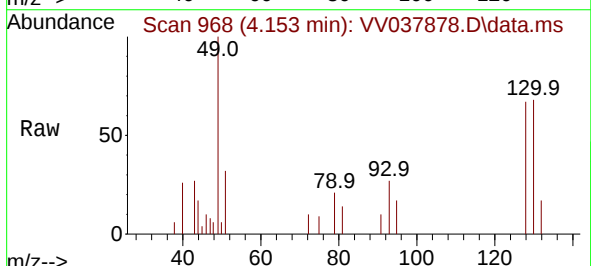


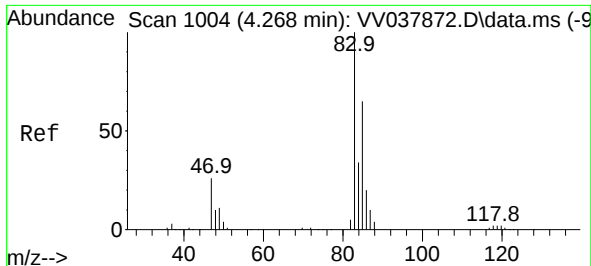
Tgt Ion: 96	Resp: 11301
Ion Ratio	Lower Upper
96	100
61	116.6 85.5 158.9
98	58.6 45.5 84.5



#23
 Bromochloromethane
 Concen: 0.440 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.010 min
 Lab File: VV037878.D
 Acq: 16 Oct 2024 16:36

Tgt Ion: 128	Resp: 4604
Ion Ratio	Lower Upper
128	100
49	149.0 107.0 198.6
130	100.9 88.0 163.4
51	47.0 41.6 62.4





#25

Chloroform

Concen: 0.498 ug/L

RT: 4.268 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV037878.D

Acq: 16 Oct 2024 16:36

Instrument :

MSVOA_V

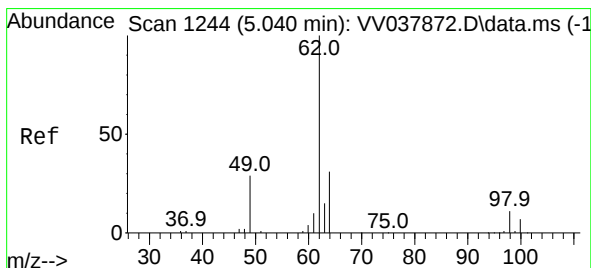
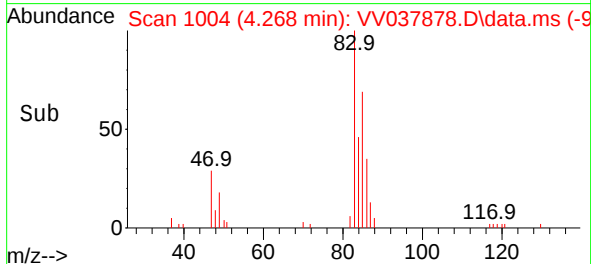
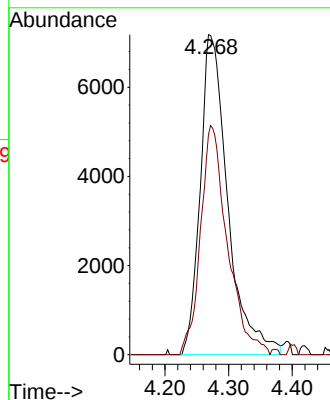
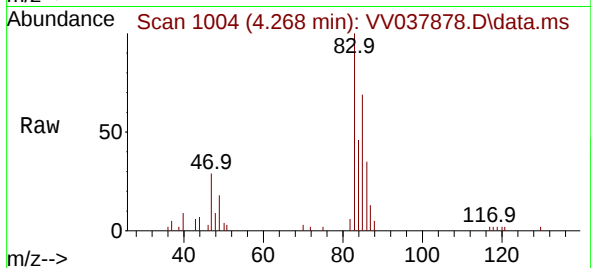
ClientSampleId :

Tgt Ion: 83 Resp: 21596

Ion Ratio Lower Upper

83 100

85 68.9 45.3 84.1



#27

1,2-Dichloroethane

Concen: 0.458 ug/L

RT: 5.066 min Scan# 1252

Delta R.T. 0.026 min

Lab File: VV037878.D

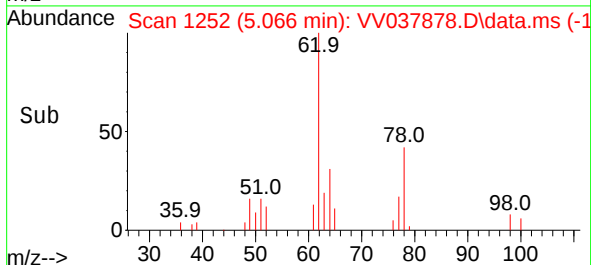
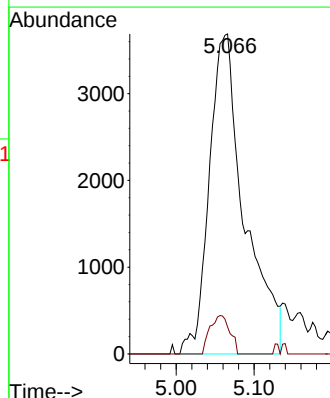
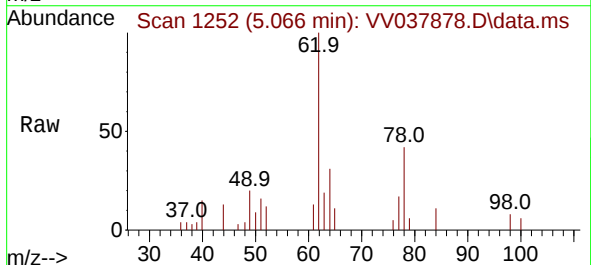
Acq: 16 Oct 2024 16:36

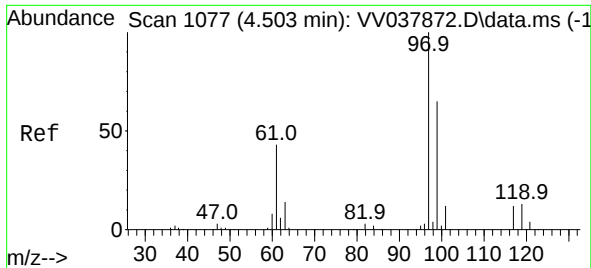
Tgt Ion: 62 Resp: 11566

Ion Ratio Lower Upper

62 100

98 8.4 8.8 13.2#

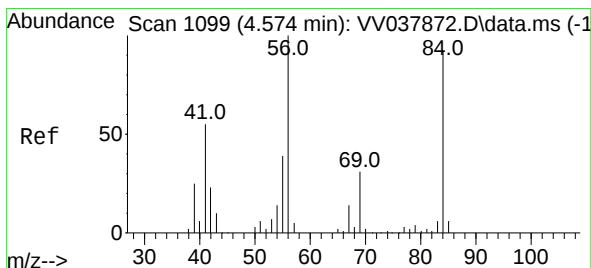
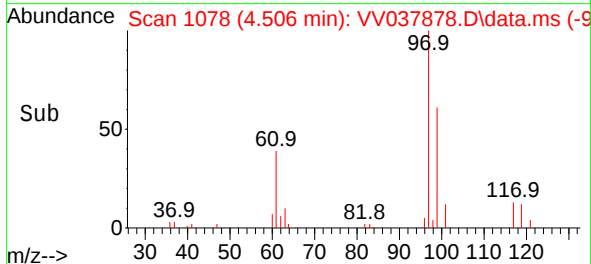
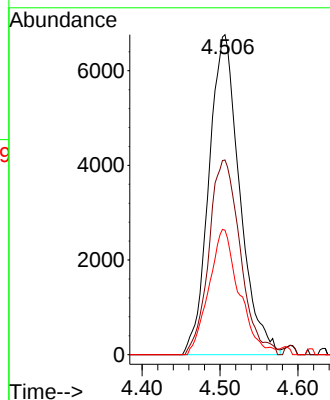
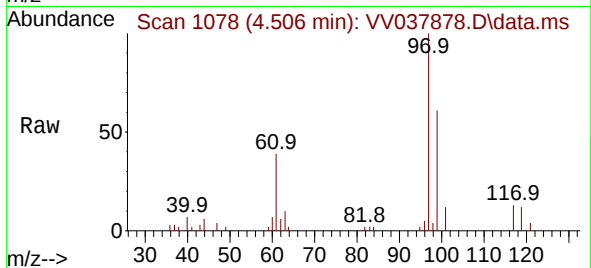




#29
1,1,1-Trichloroethane
Concen: 0.485 ug/L
RT: 4.506 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV037878.D
Acq: 16 Oct 2024 16:36

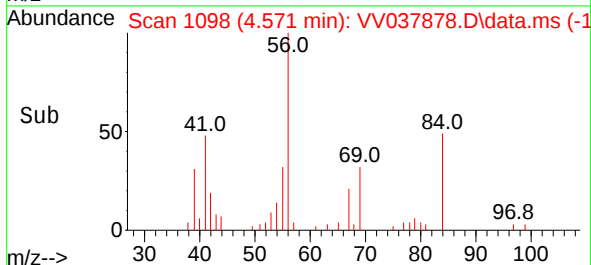
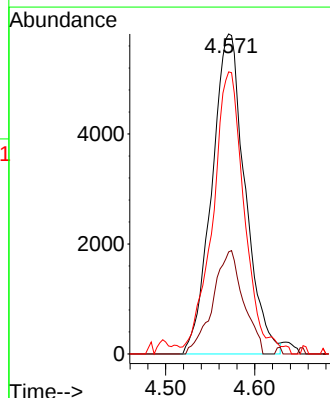
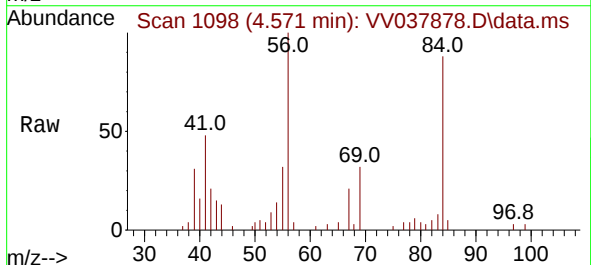
Instrument :
MSVOA_V
ClientSampleId :

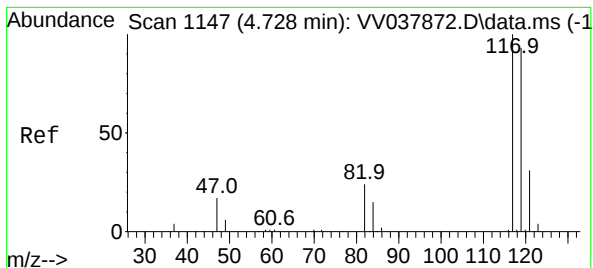
Tgt Ion: 97 Resp: 18573
Ion Ratio Lower Upper
97 100
99 61.9 51.9 77.9
61 38.6 33.9 50.9



#30
Cyclohexane
Concen: 0.424 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.003 min
Lab File: VV037878.D
Acq: 16 Oct 2024 16:36

Tgt Ion: 56 Resp: 15096
Ion Ratio Lower Upper
56 100
69 29.6 25.3 37.9
84 84.3 73.9 110.9





#31

Carbon tetrachloride

Concen: 0.475 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. -0.000 min

Lab File: VV037878.D

Acq: 16 Oct 2024 16:36

Instrument :

MSVOA_V

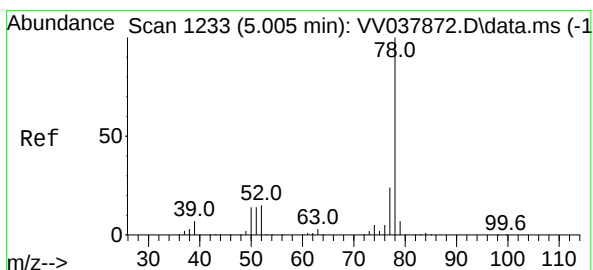
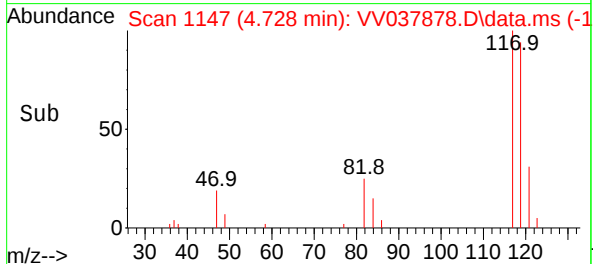
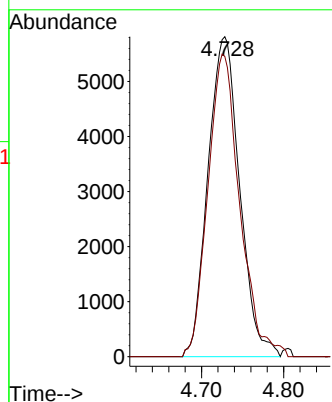
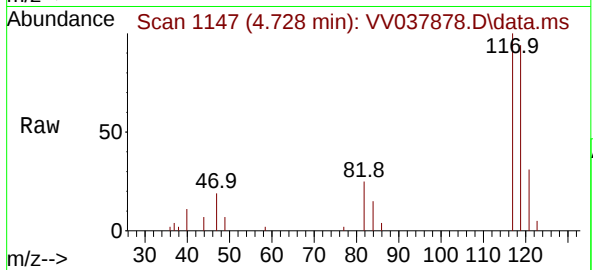
ClientSampleId :

Tgt Ion:117 Resp: 15645

Ion Ratio Lower Upper

117 100

119 94.9 77.4 116.0



#33

Benzene

Concen: 0.442 ug/L

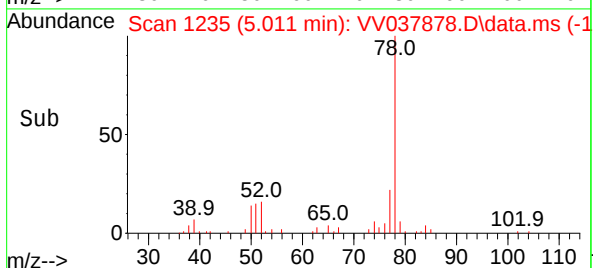
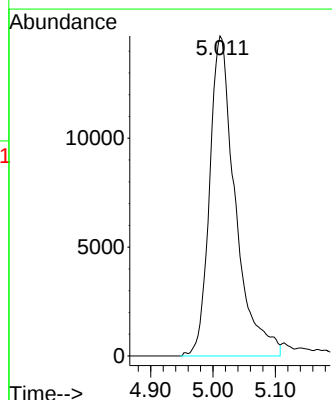
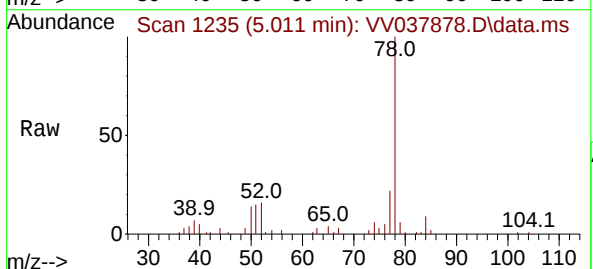
RT: 5.011 min Scan# 1235

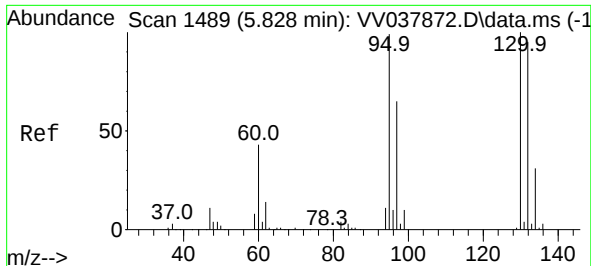
Delta R.T. 0.006 min

Lab File: VV037878.D

Acq: 16 Oct 2024 16:36

Tgt Ion: 78 Resp: 42166





#34

Trichloroethene

Concen: 0.442 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. 0.010 min

Lab File: VV037878.D

Acq: 16 Oct 2024 16:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 11106

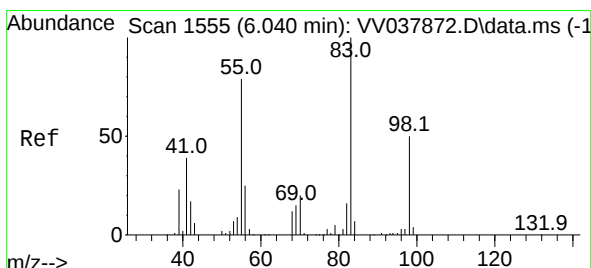
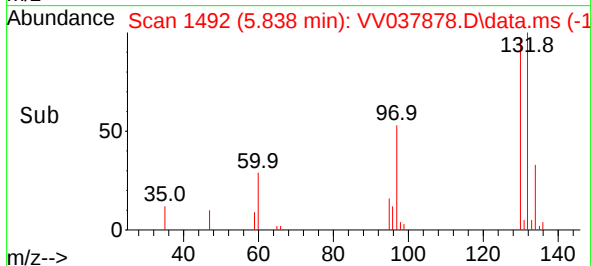
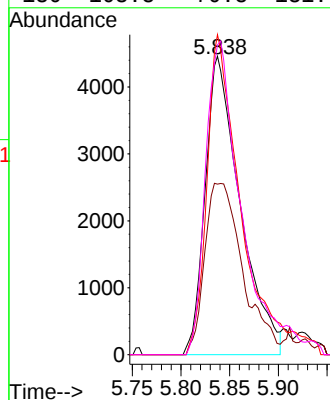
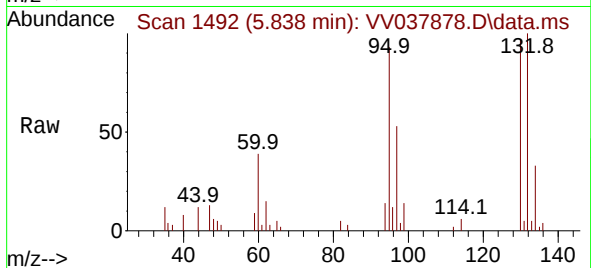
Ion Ratio Lower Upper

95 100

97 57.2 46.1 85.5

132 107.2 67.3 124.9

130 103.8 70.8 131.6



#35

Methylcyclohexane

Concen: 0.446 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VV037878.D

Acq: 16 Oct 2024 16:36

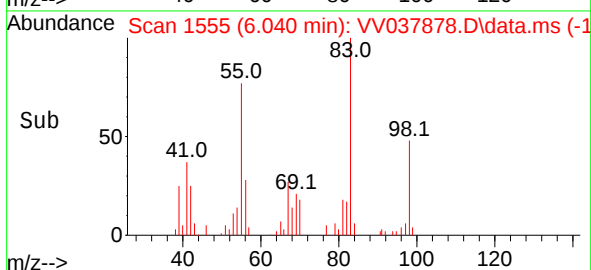
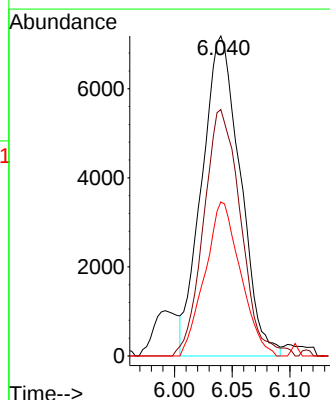
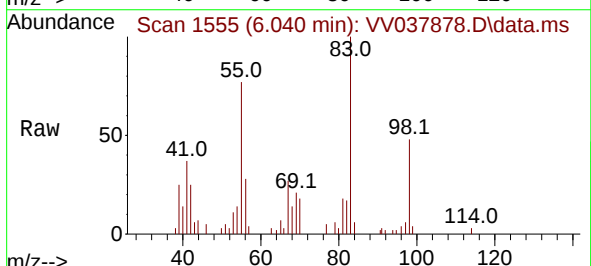
Tgt Ion: 83 Resp: 16598

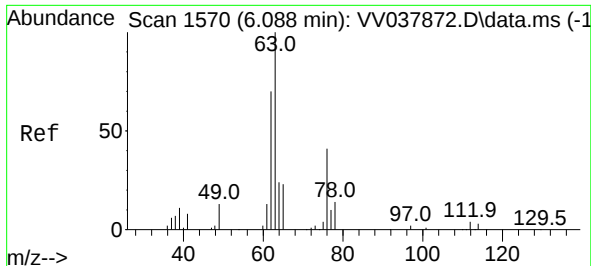
Ion Ratio Lower Upper

83 100

55 74.5 59.7 89.5

98 44.6 37.8 56.6

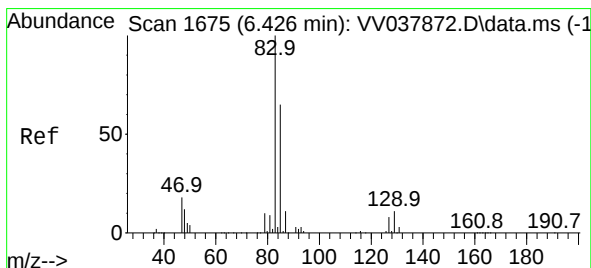
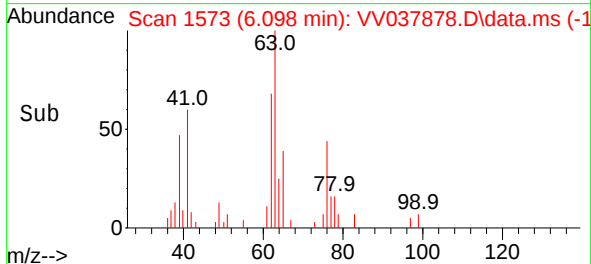
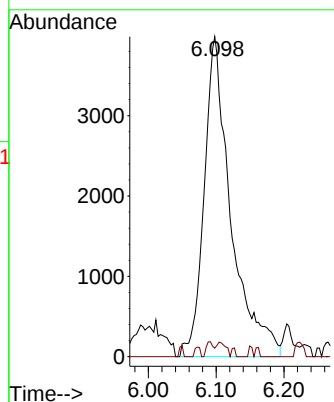
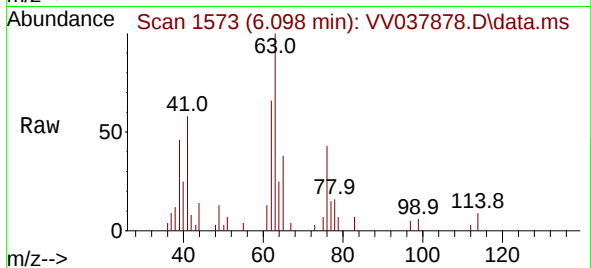




#37
1,2-Dichloropropane
Concen: 0.442 ug/L
RT: 6.098 min Scan# 1570
Delta R.T. 0.010 min
Lab File: VV037878.D
Acq: 16 Oct 2024 16:36

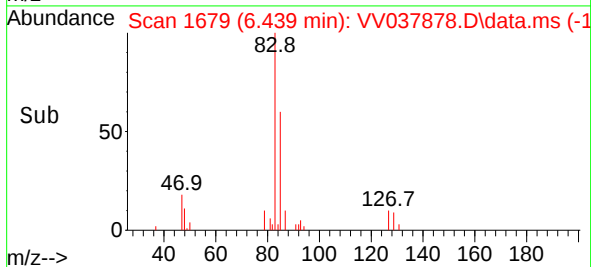
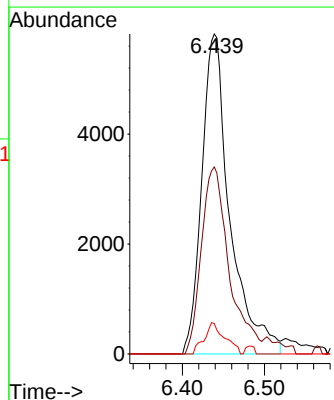
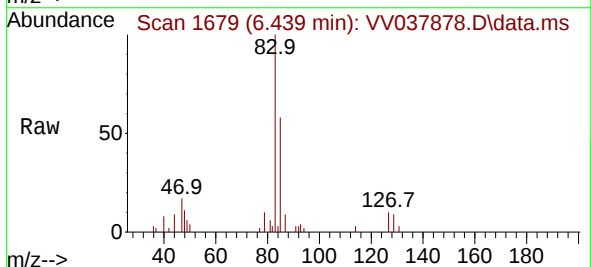
Instrument :
MSVOA_V
ClientSampleId :

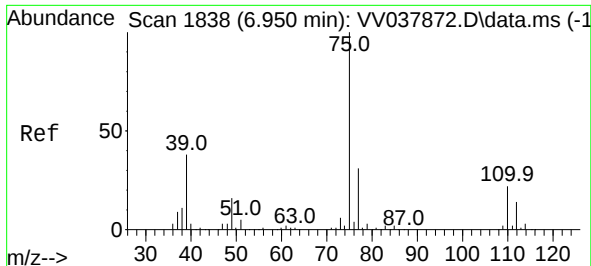
Tgt Ion: 63 Resp: 10944
Ion Ratio Lower Upper
63 100
112 1.5 3.9 5.9#



#38
Bromodichloromethane
Concen: 0.453 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.013 min
Lab File: VV037878.D
Acq: 16 Oct 2024 16:36

Tgt Ion: 83 Resp: 13874
Ion Ratio Lower Upper
83 100
85 58.4 45.3 84.1
127 9.5 6.6 10.0

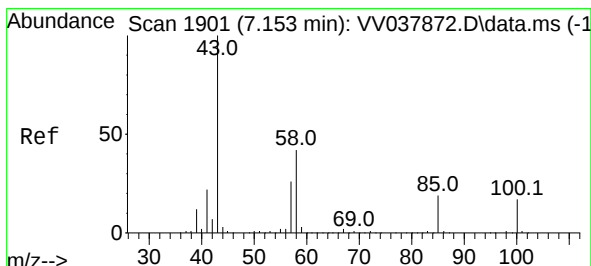
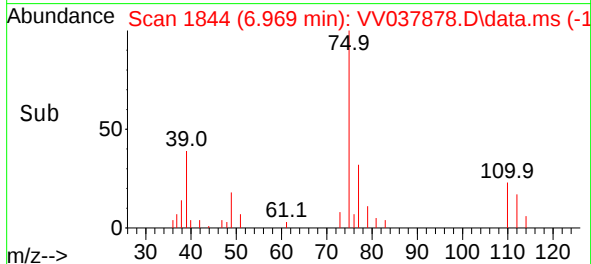
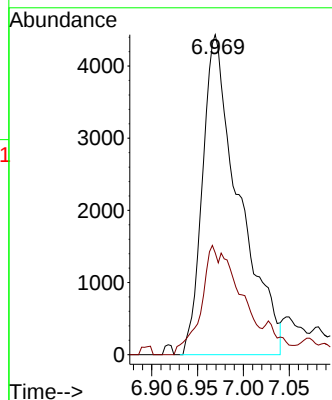
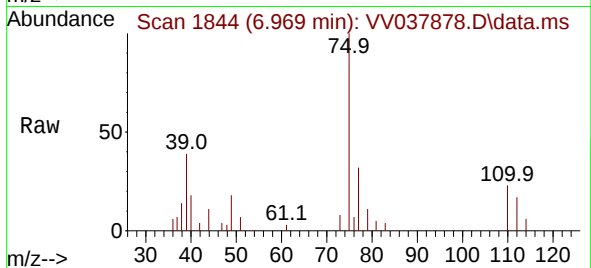




#39
 cis-1,3-Dichloropropene
 Concen: 0.366 ug/L
 RT: 6.969 min Scan# 11
 Delta R.T. 0.019 min
 Lab File: VV037878.D
 Acq: 16 Oct 2024 16:36

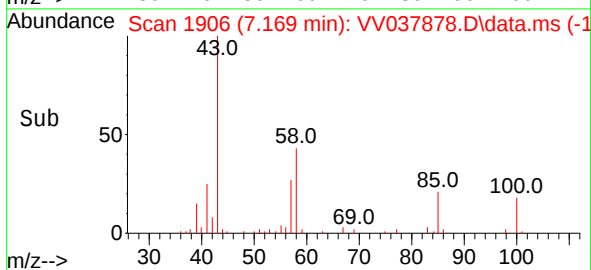
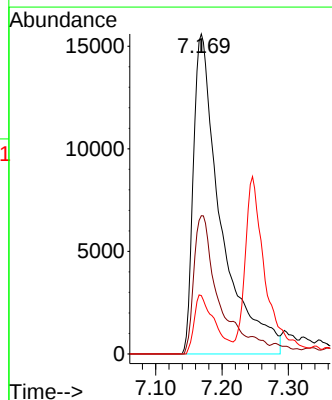
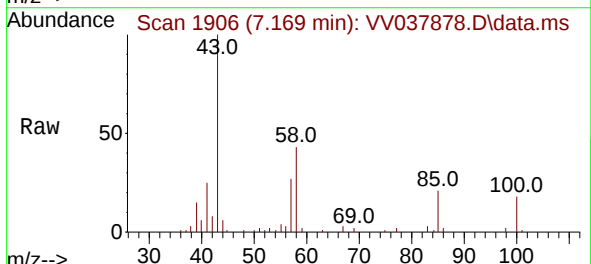
Instrument :
 MSVOA_V
 ClientSampleId :

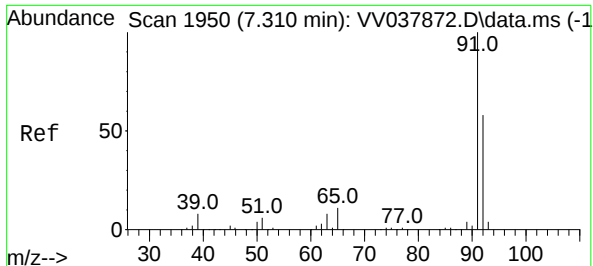
Tgt Ion: 75 Resp: 12244
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 3.424 ug/L
 RT: 7.169 min Scan# 1906
 Delta R.T. 0.016 min
 Lab File: VV037878.D
 Acq: 16 Oct 2024 16:36

Tgt Ion: 43 Resp: 44870
 Ion Ratio Lower Upper
 43 100
 58 37.2 34.3 51.5
 100 14.0 13.3 19.9





#42

Toluene

Concen: 0.398 ug/L

RT: 7.320 min Scan# 1950

Delta R.T. 0.010 min

Lab File: VV037878.D

Acq: 16 Oct 2024 16:36

Instrument :

MSVOA_V

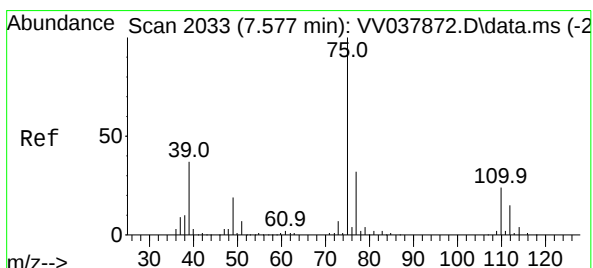
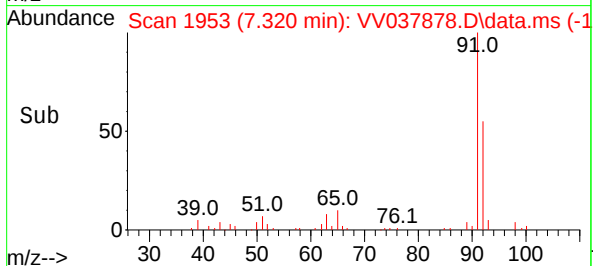
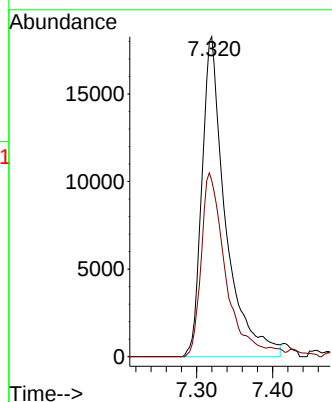
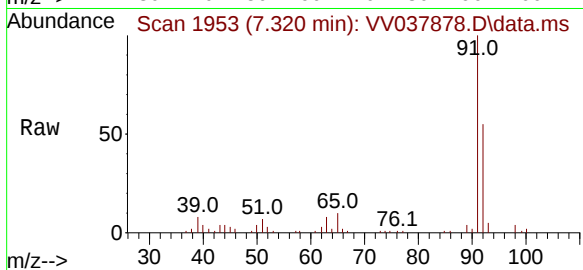
ClientSampleId :

Tgt Ion: 91 Resp: 39306

Ion Ratio Lower Upper

91 100

92 55.0 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 0.325 ug/L

RT: 7.599 min Scan# 2040

Delta R.T. 0.022 min

Lab File: VV037878.D

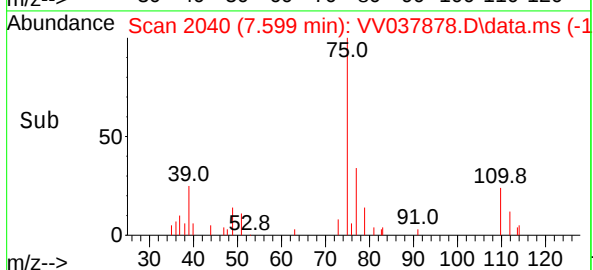
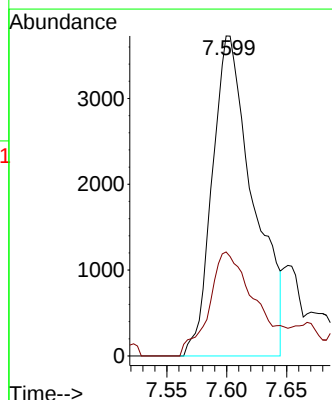
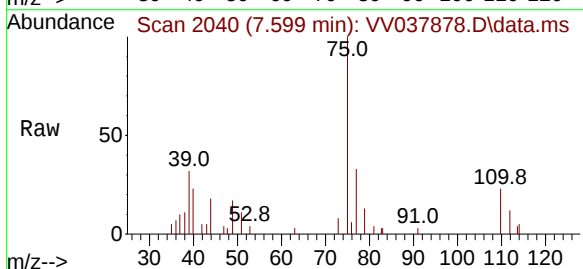
Acq: 16 Oct 2024 16:36

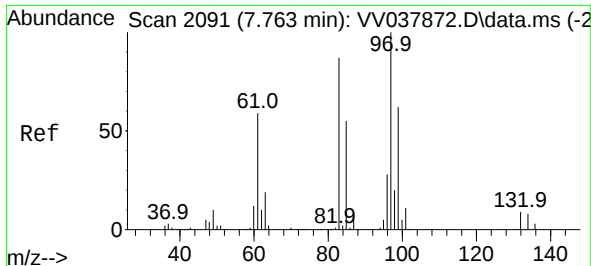
Tgt Ion: 75 Resp: 8844

Ion Ratio Lower Upper

75 100

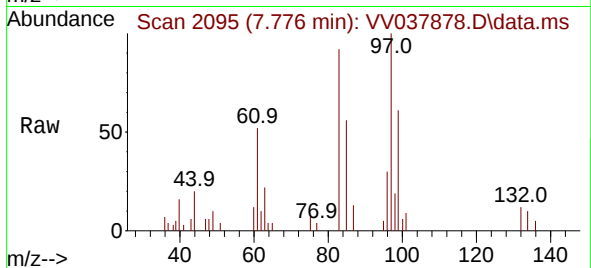
77 32.5 22.4 41.6



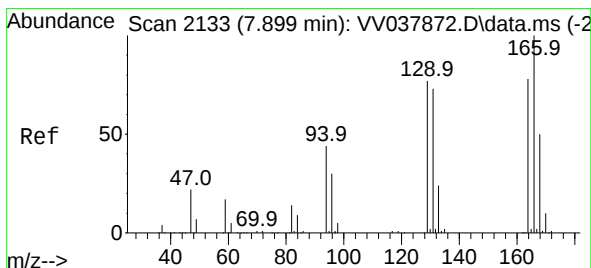
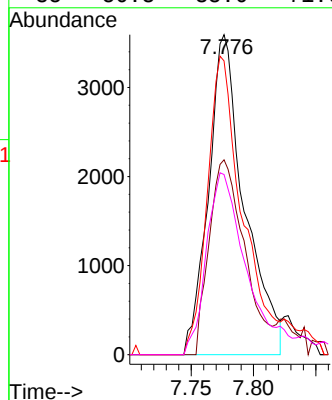
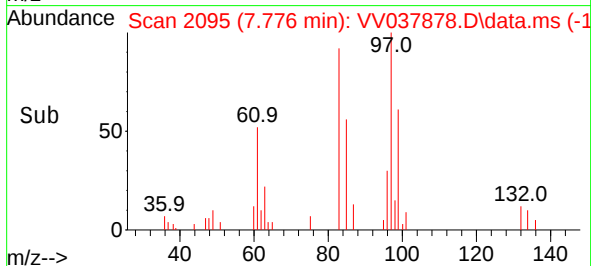


#45
1,1,2-Trichloroethane
Concen: 0.411 ug/L
RT: 7.776 min Scan# 2091
Delta R.T. 0.013 min
Lab File: VV037878.D
Acq: 16 Oct 2024 16:36

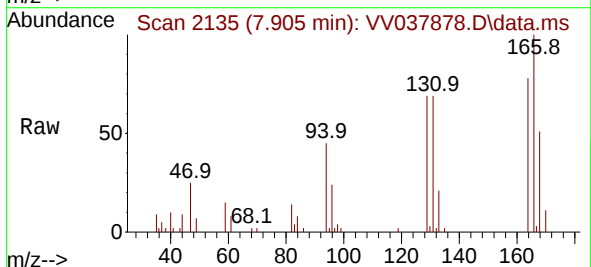
Instrument :
MSVOA_V
ClientSampleId :



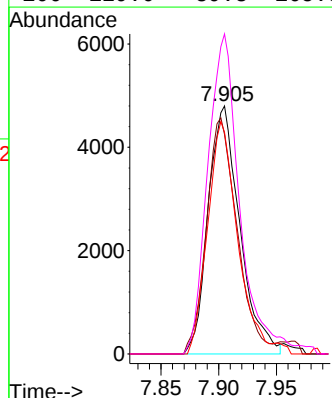
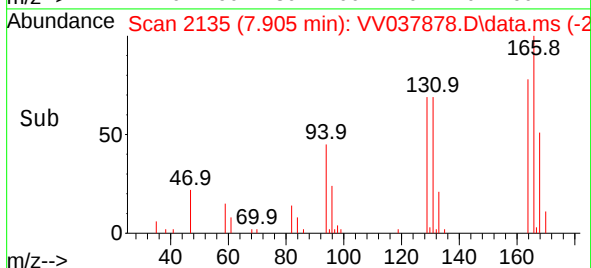
Tgt Ion	Ratio	Lower	Upper
97	100		
99	60.9	43.5	80.7
83	91.8	61.0	113.2
85	56.3	38.6	71.6

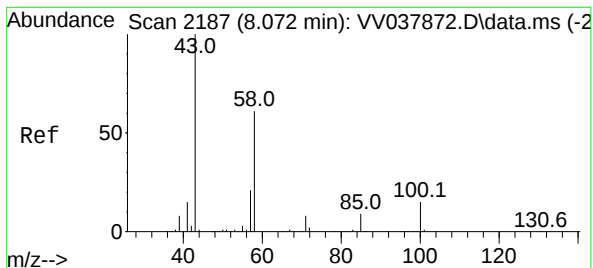


#47
Tetrachloroethene
Concen: 0.460 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.006 min
Lab File: VV037878.D
Acq: 16 Oct 2024 16:36



Tgt Ion	Ratio	Lower	Upper
164	100		
129	88.5	68.7	127.7
131	89.4	65.0	120.8
166	129.0	89.3	165.9





#48

2-Hexanone

Concen: 2.708 ug/L

RT: 8.095 min Scan# 2187

Delta R.T. 0.022 min

Lab File: VV037878.D

Acq: 16 Oct 2024 16:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 26152

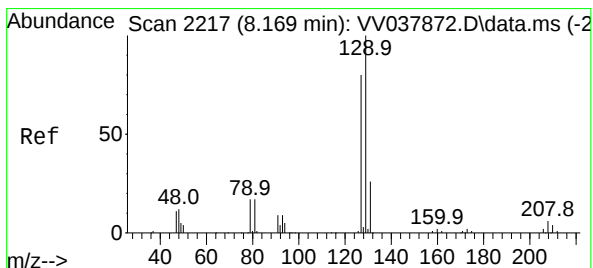
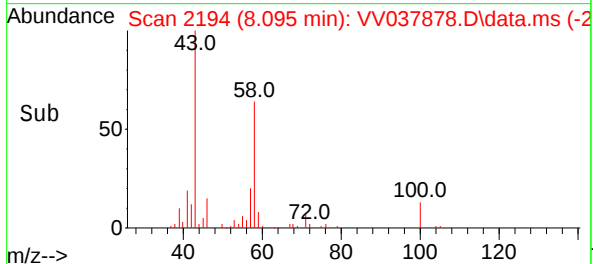
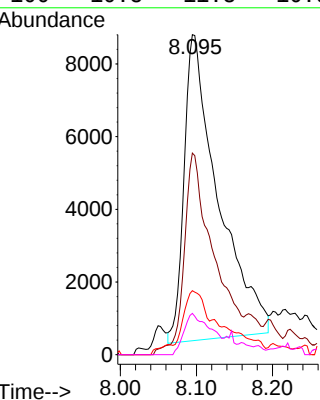
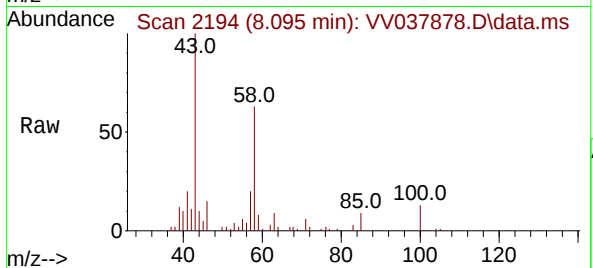
Ion Ratio Lower Upper

43 100

58 58.3 47.8 71.6

57 23.4 15.4 23.0#

100 10.8 11.3 16.9#



#49

Dibromochloromethane

Concen: 0.451 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.006 min

Lab File: VV037878.D

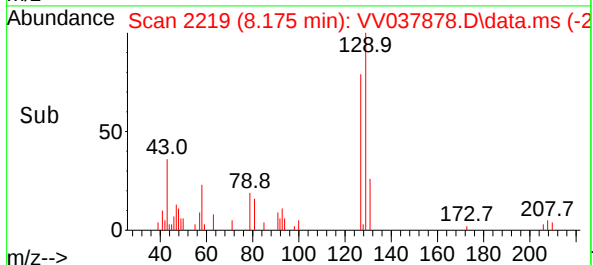
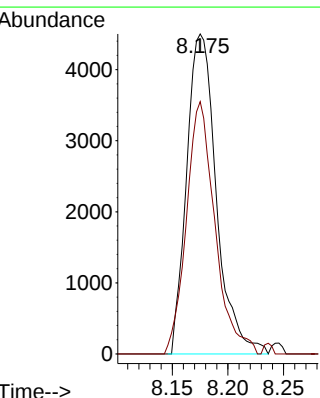
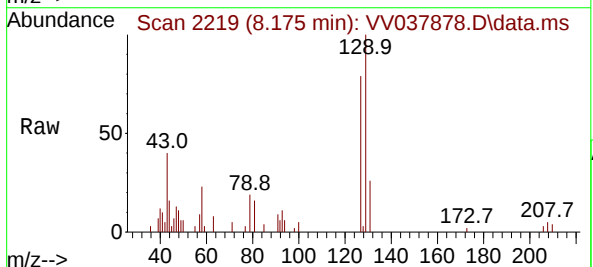
Acq: 16 Oct 2024 16:36

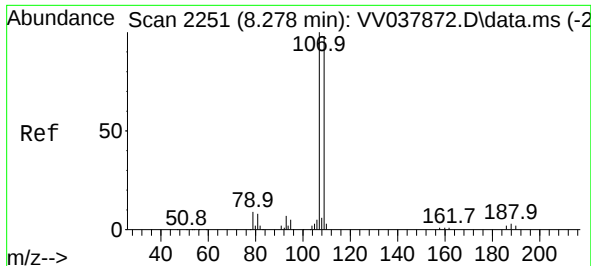
Tgt Ion: 129 Resp: 8363

Ion Ratio Lower Upper

129 100

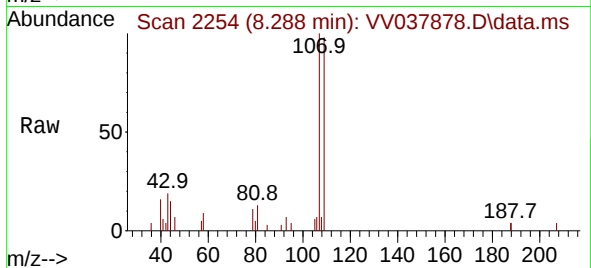
127 78.9 55.8 103.6



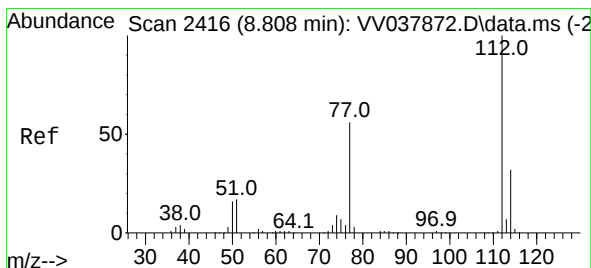
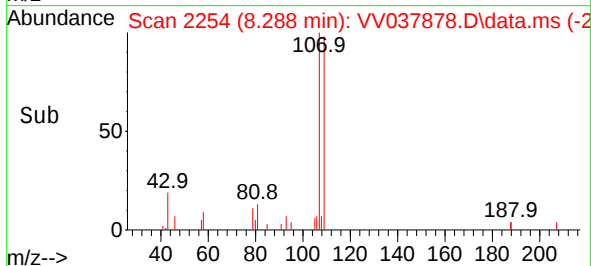
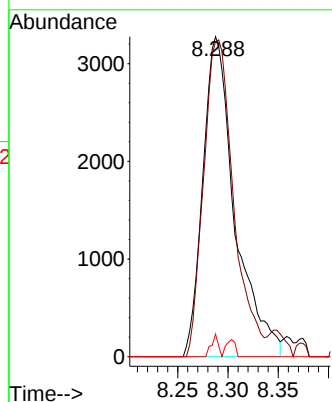


#50
1,2-Dibromoethane
Concen: 0.437 ug/L
RT: 8.288 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV037878.D
Acq: 16 Oct 2024 16:36

Instrument :
MSVOA_V
ClientSampleId :

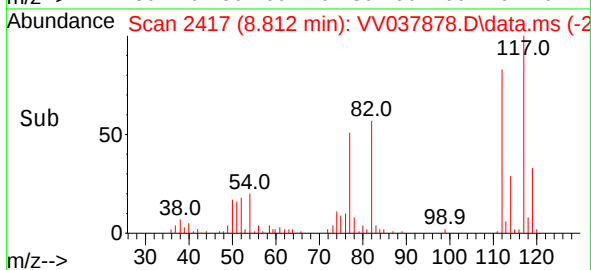
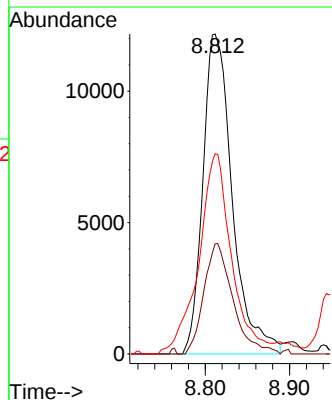
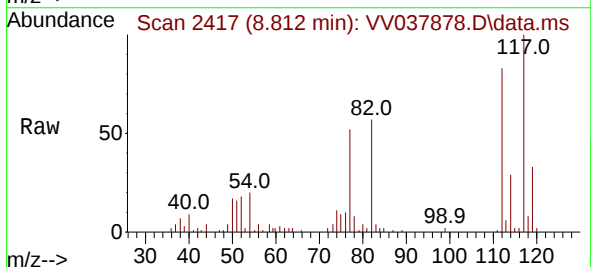


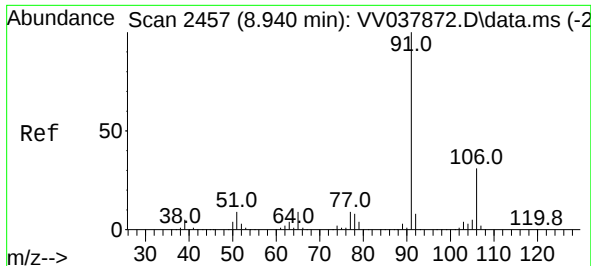
Tgt Ion:107 Resp: 7258
Ion Ratio Lower Upper
107 100
109 98.4 68.3 126.9
188 7.1 2.7 4.1#



#51
Chlorobenzene
Concen: 0.455 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV037878.D
Acq: 16 Oct 2024 16:36

Tgt Ion:112 Resp: 29633
Ion Ratio Lower Upper
112 100
114 34.4 22.0 41.0
77 62.5 45.3 67.9





#52

Ethylbenzene

Concen: 0.423 ug/L

RT: 8.947 min Scan# 2457

Delta R.T. 0.006 min

Lab File: VV037878.D

Acq: 16 Oct 2024 16:36

Instrument :

MSVOA_V

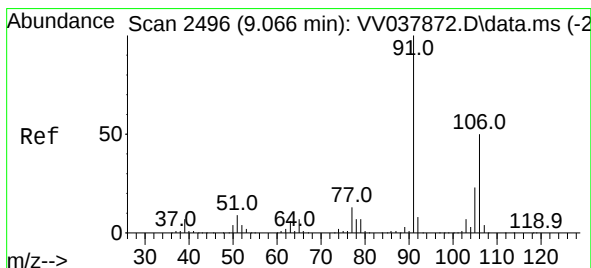
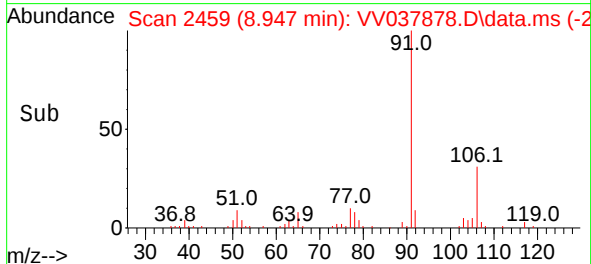
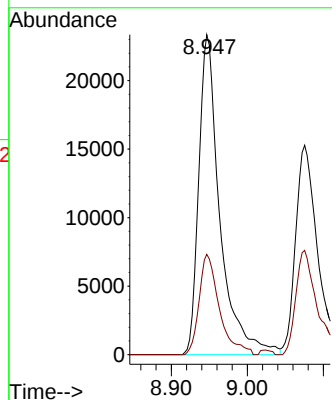
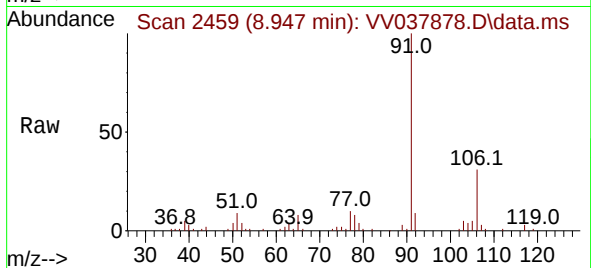
ClientSampleId :

Tgt Ion: 91 Resp: 45073

Ion Ratio Lower Upper

91 100

106 31.3 21.6 40.0



#53

m,p-Xylene

Concen: 0.383 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.010 min

Lab File: VV037878.D

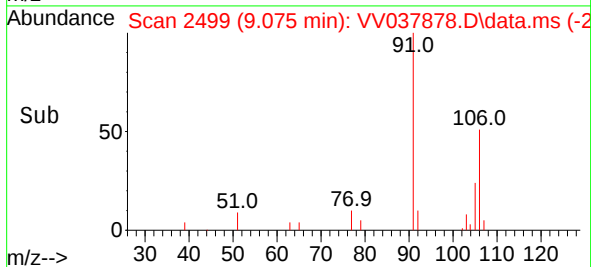
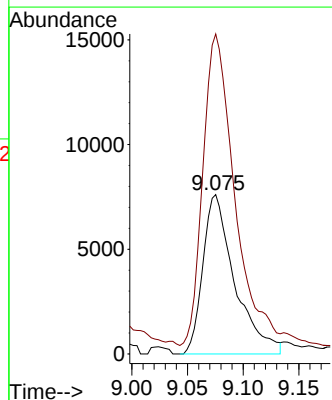
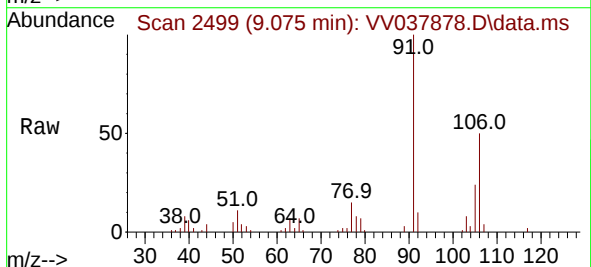
Acq: 16 Oct 2024 16:36

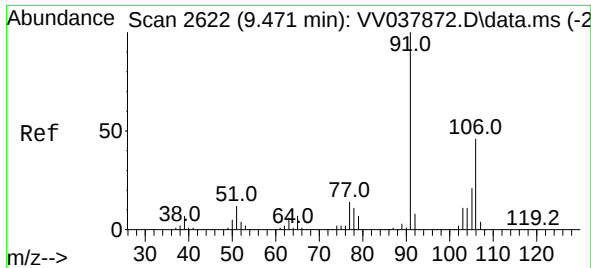
Tgt Ion:106 Resp: 15156

Ion Ratio Lower Upper

106 100

91 200.7 140.0 260.0

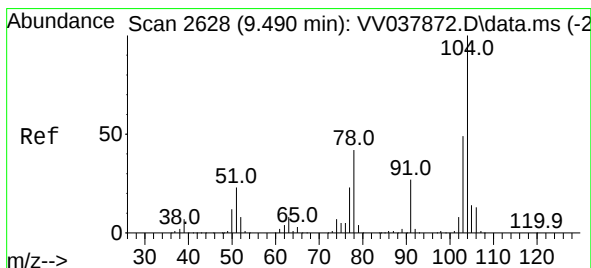
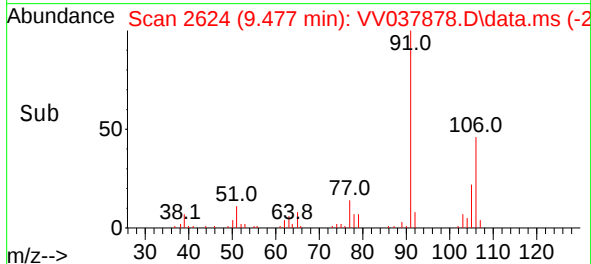
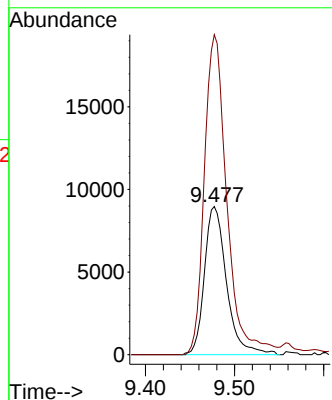
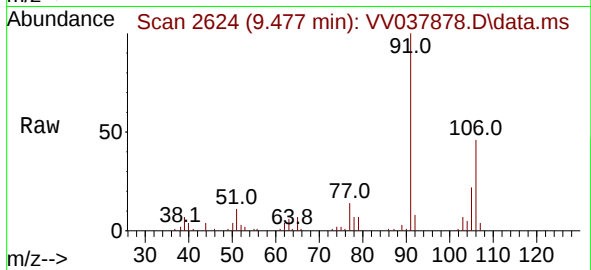




#54
o-Xylene
Concen: 0.405 ug/L
RT: 9.477 min Scan# 2622
Delta R.T. 0.006 min
Lab File: VV037878.D
Acq: 16 Oct 2024 16:36

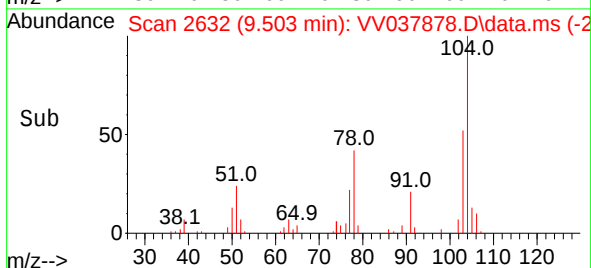
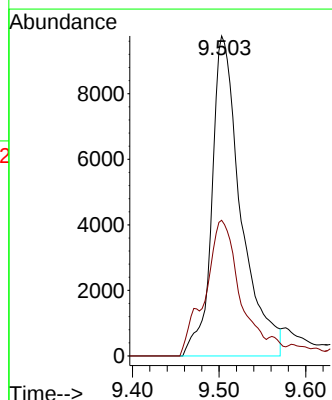
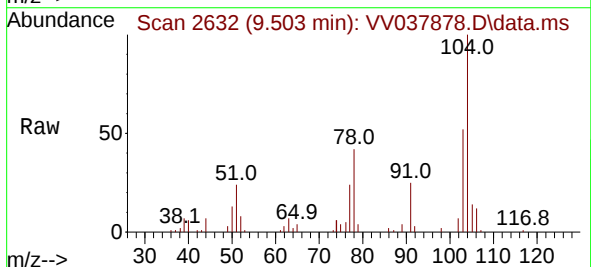
Instrument :
MSVOA_V
ClientSampleId :

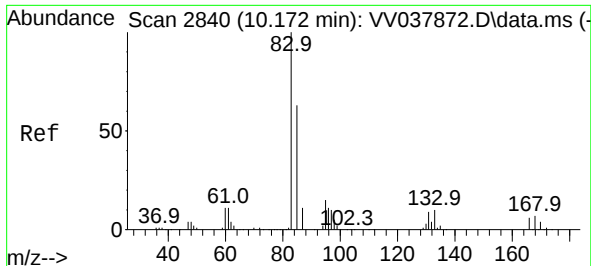
Tgt Ion:106 Resp: 15436
Ion Ratio Lower Upper
106 100
91 215.9 152.1 282.5



#55
Styrene
Concen: 0.354 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.013 min
Lab File: VV037878.D
Acq: 16 Oct 2024 16:36

Tgt Ion:104 Resp: 22768
Ion Ratio Lower Upper
104 100
78 42.4 29.7 55.1

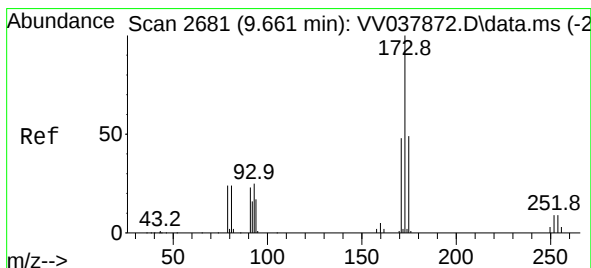
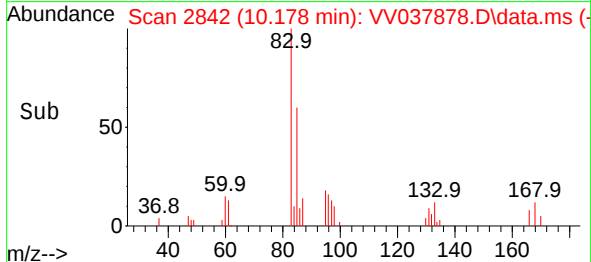
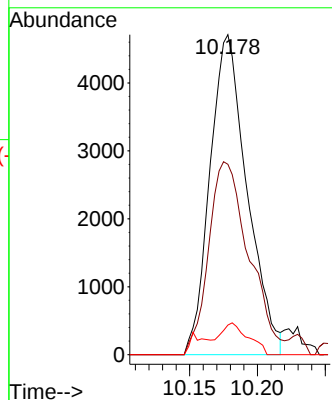
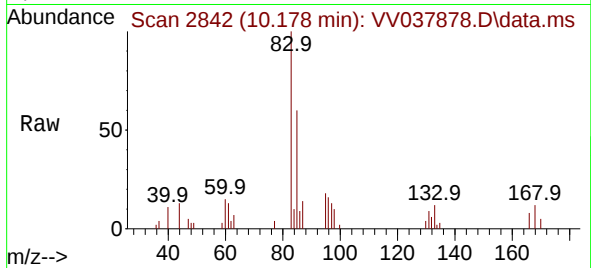




#57
1,1,2,2-Tetrachloroethane
Concen: 0.418 ug/L
RT: 10.178 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV037878.D
Acq: 16 Oct 2024 16:36

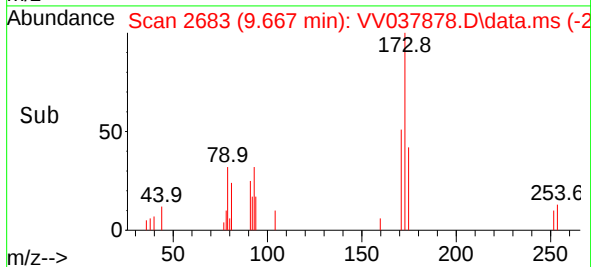
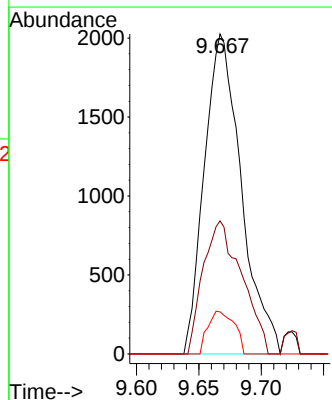
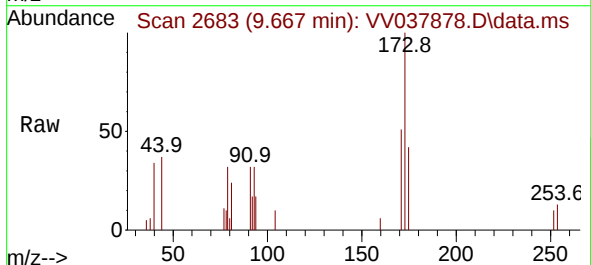
Instrument :
MSVOA_V
ClientSampleId :

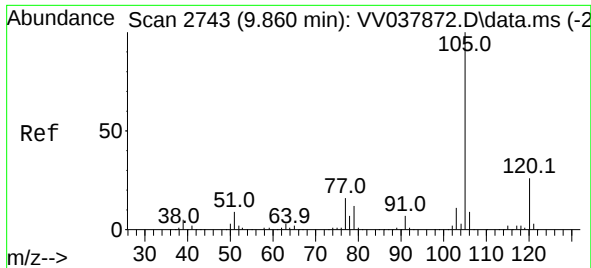
Tgt Ion: 83 Resp: 8970
Ion Ratio Lower Upper
83 100
85 59.5 44.3 82.3
131 9.2 7.8 11.8



#59
Bromoform
Concen: 0.472 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.006 min
Lab File: VV037878.D
Acq: 16 Oct 2024 16:36

Tgt Ion: 173 Resp: 4172
Ion Ratio Lower Upper
173 100
175 43.6 40.3 60.5
254 9.5 7.3 10.9

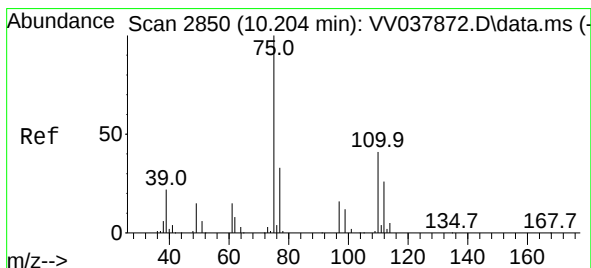
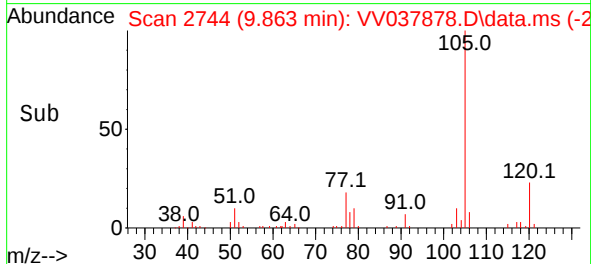
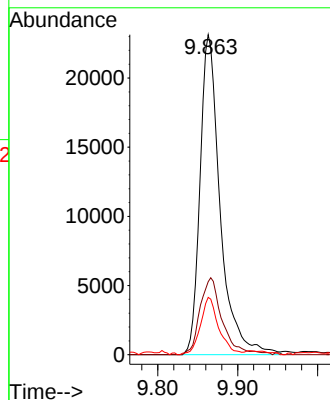
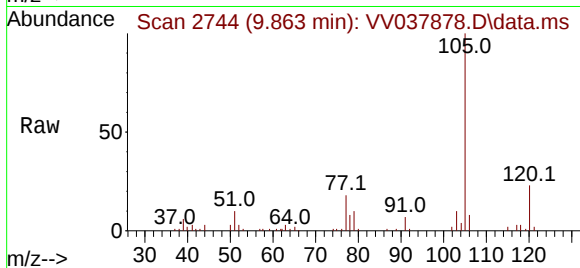




#60
Isopropylbenzene
Concen: 0.436 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037878.D
Acq: 16 Oct 2024 16:36

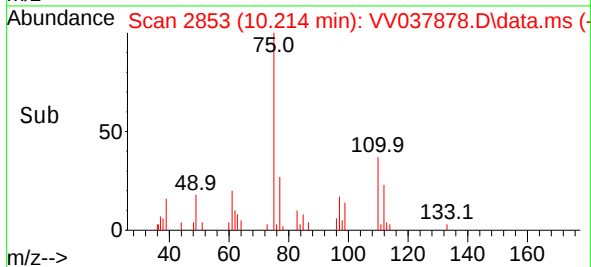
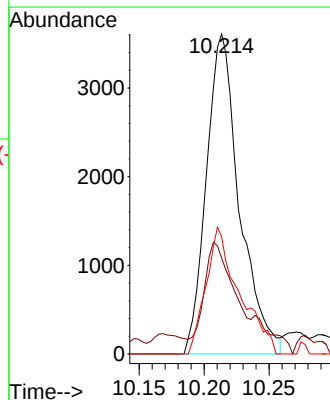
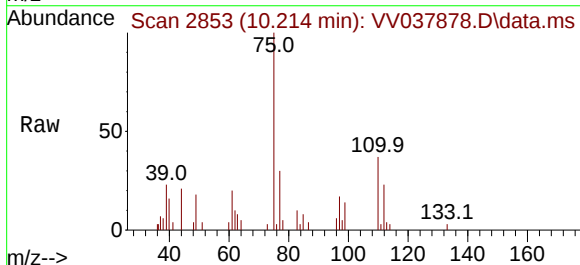
Instrument :
MSVOA_V
ClientSampleId :

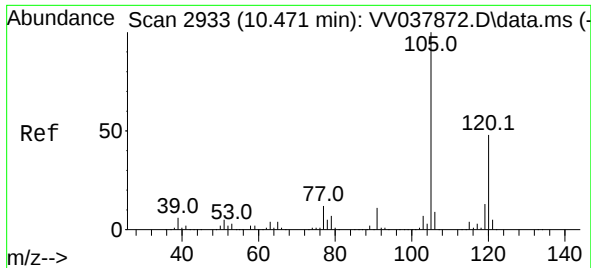
Tgt Ion:105 Resp: 40557
Ion Ratio Lower Upper
105 100
120 26.5 21.2 31.8
77 16.3 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 0.447 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.010 min
Lab File: VV037878.D
Acq: 16 Oct 2024 16:36

Tgt Ion: 75 Resp: 6397
Ion Ratio Lower Upper
75 100
77 39.5 25.4 38.2#
110 39.8 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 0.407 ug/L

RT: 10.474 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV037878.D

Acq: 16 Oct 2024 16:36

Instrument :

MSVOA_V

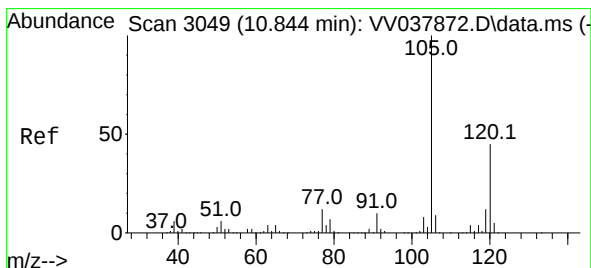
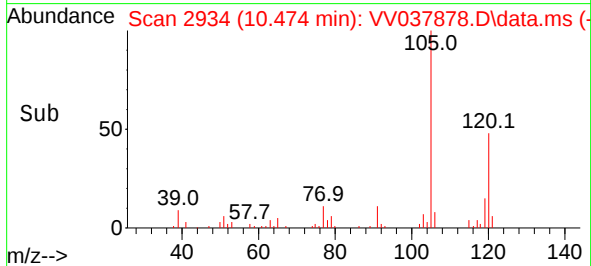
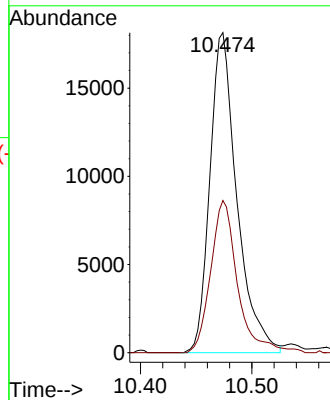
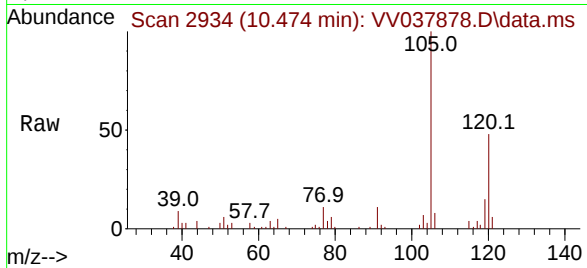
ClientSampleId :

Tgt Ion:105 Resp: 30539

Ion Ratio Lower Upper

105 100

120 47.4 39.0 58.4



#63

1,2,4-Trimethylbenzene

Concen: 0.405 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.006 min

Lab File: VV037878.D

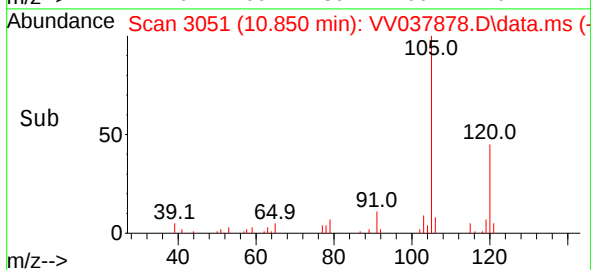
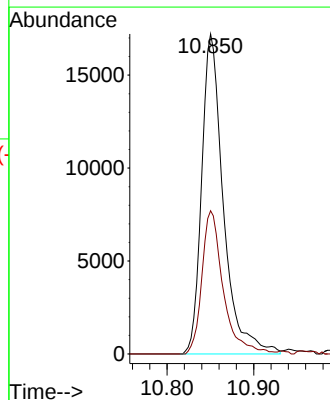
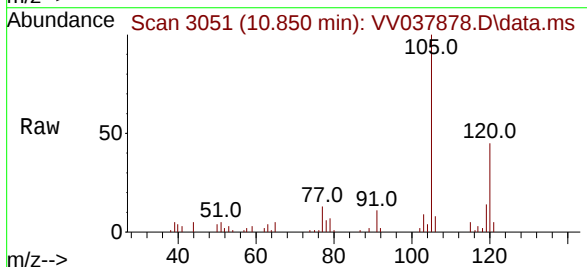
Acq: 16 Oct 2024 16:36

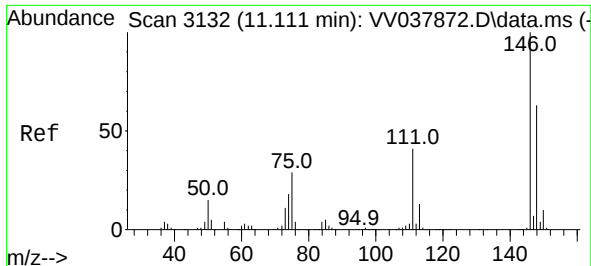
Tgt Ion:105 Resp: 29946

Ion Ratio Lower Upper

105 100

120 43.9 36.5 54.7





#64

1,3-Dichlorobenzene

Concen: 0.483 ug/L

RT: 11.120 min Scan# 3132

Delta R.T. 0.010 min

Lab File: VV037878.D

Acq: 16 Oct 2024 16:36

Instrument :

MSVOA_V

ClientSampleId :

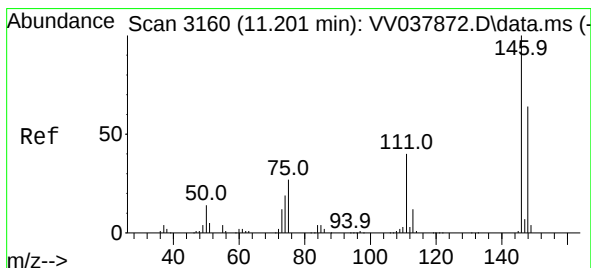
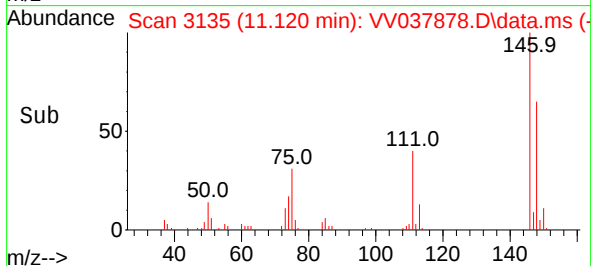
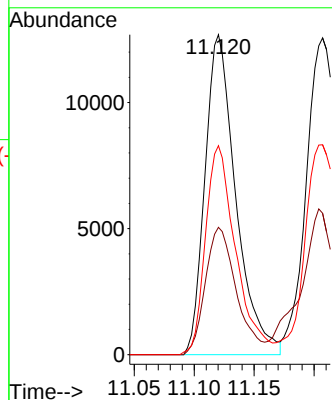
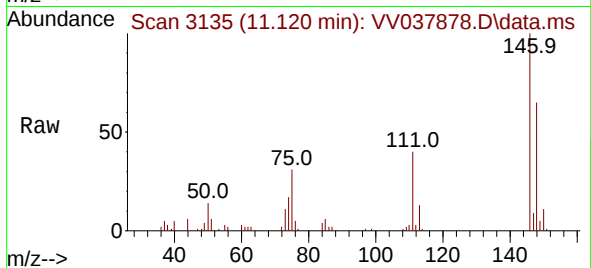
Tgt Ion:146 Resp: 22719

Ion Ratio Lower Upper

146 100

111 39.8 28.6 53.0

148 65.3 44.1 81.9



#65

1,4-Dichlorobenzene

Concen: 0.495 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.006 min

Lab File: VV037878.D

Acq: 16 Oct 2024 16:36

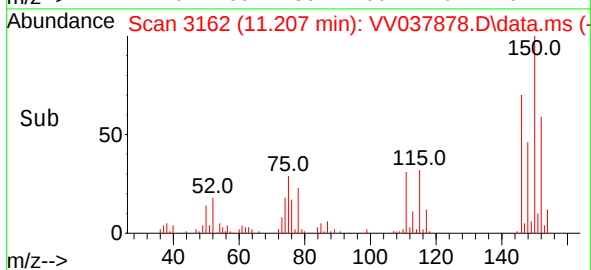
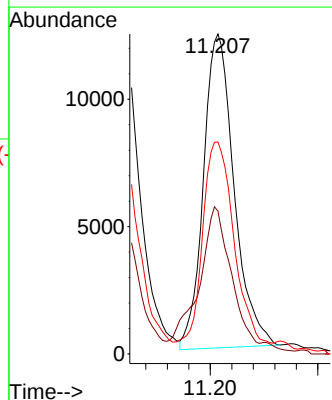
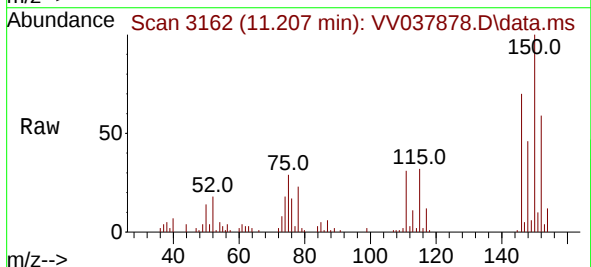
Tgt Ion:146 Resp: 24429

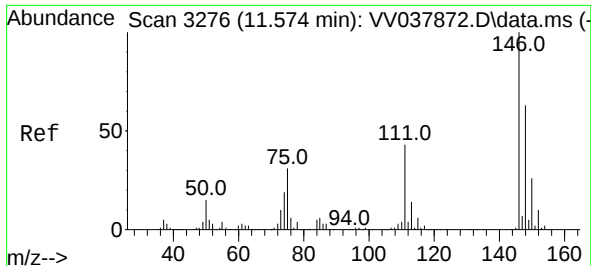
Ion Ratio Lower Upper

146 100

111 44.6 28.1 52.1

148 66.3 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 0.503 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV037878.D

Acq: 16 Oct 2024 16:36

Instrument :

MSVOA_V

ClientSampleId :

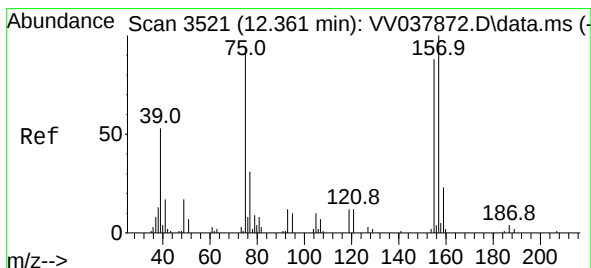
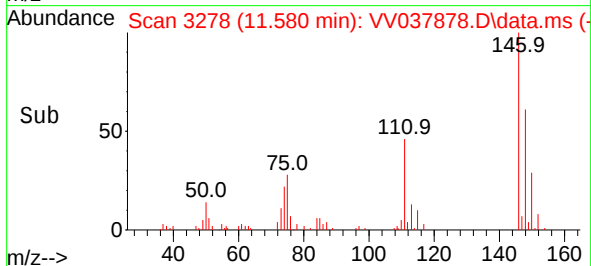
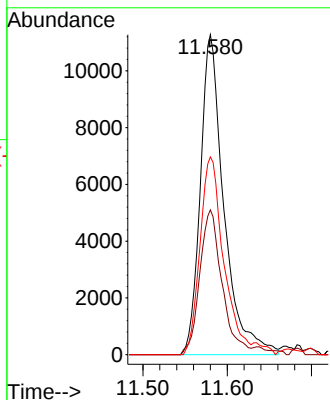
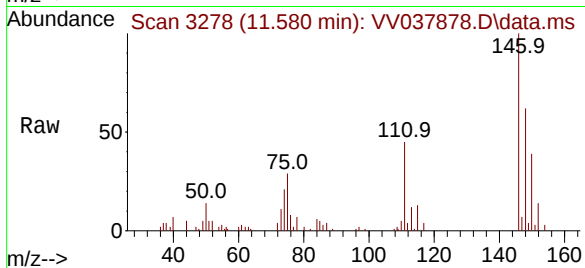
Tgt Ion:146 Resp: 21950

Ion Ratio Lower Upper

146 100

111 45.2 34.6 51.8

148 61.8 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 0.392 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.006 min

Lab File: VV037878.D

Acq: 16 Oct 2024 16:36

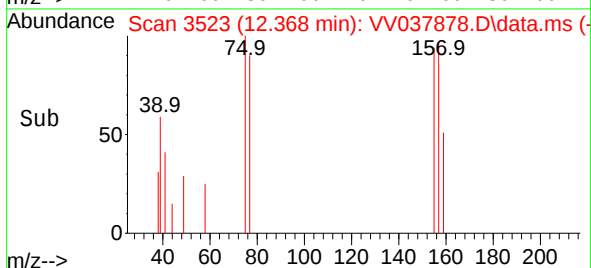
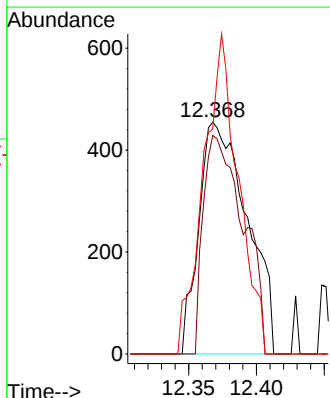
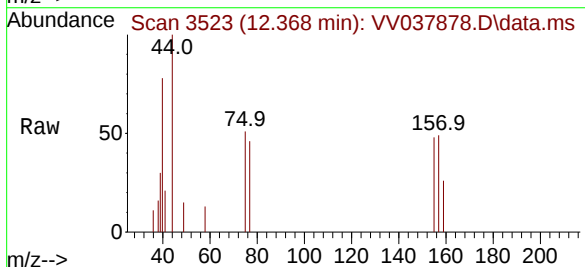
Tgt Ion: 75 Resp: 1125

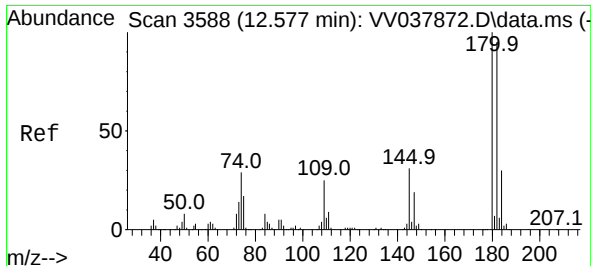
Ion Ratio Lower Upper

75 100

155 94.3 74.8 112.2

157 97.1 85.2 127.8





#69

1,3,5-Trichlorobenzene

Concen: 0.483 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.003 min

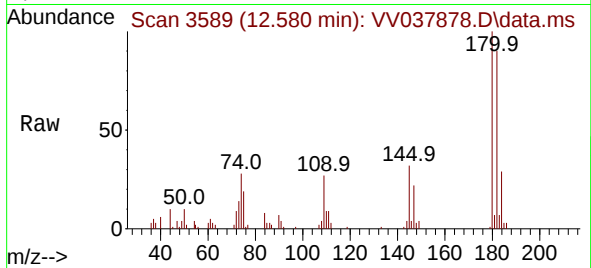
Lab File: VV037878.D

Acq: 16 Oct 2024 16:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 17013

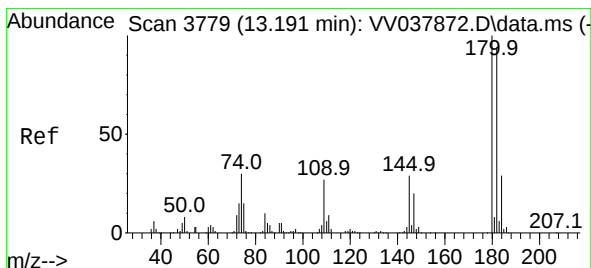
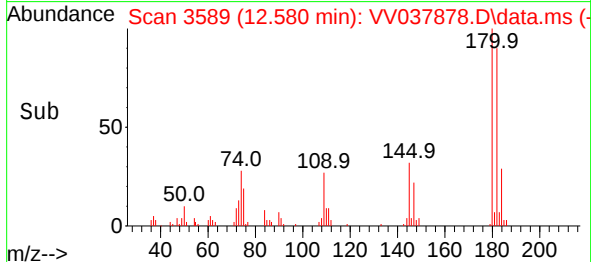
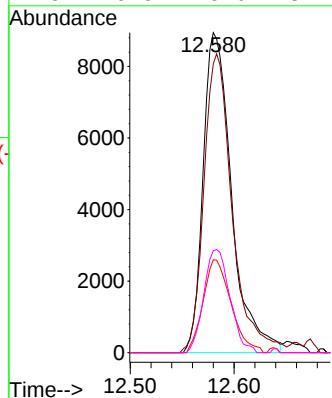
Ion Ratio Lower Upper

180 100

182 92.7 75.1 112.7

184 28.4 24.0 36.0

145 29.5 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 0.430 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.010 min

Lab File: VV037878.D

Acq: 16 Oct 2024 16:36

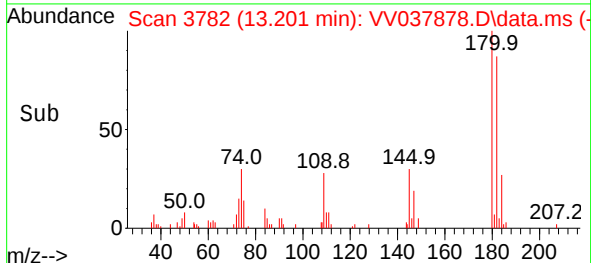
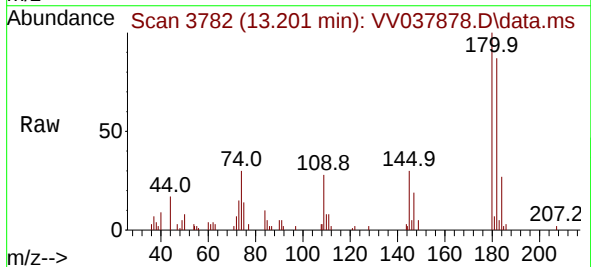
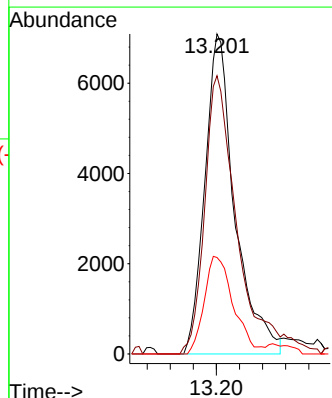
Tgt Ion:180 Resp: 12769

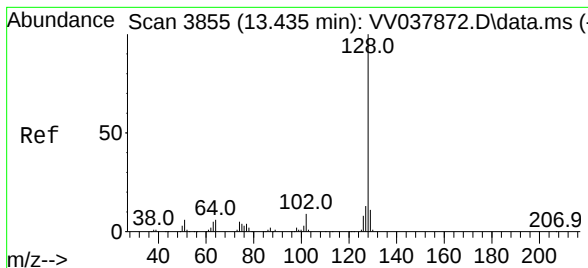
Ion Ratio Lower Upper

180 100

182 95.0 74.6 112.0

145 29.5 24.2 36.2





#71

Naphthalene

Concen: 0.441 ug/L

RT: 13.445 min Scan# 3855

Delta R.T. 0.010 min

Lab File: VV037878.D

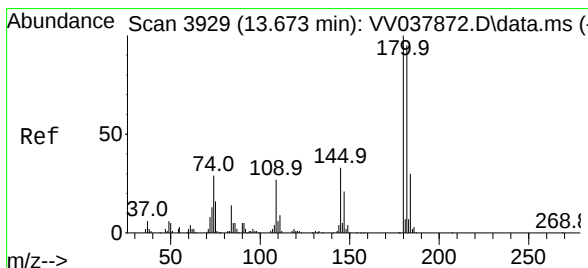
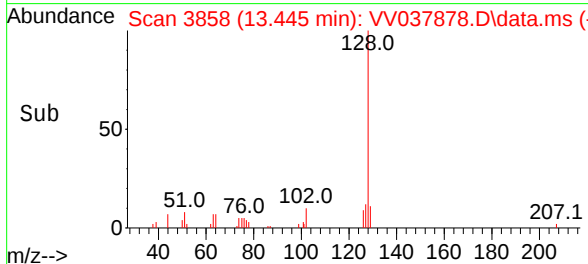
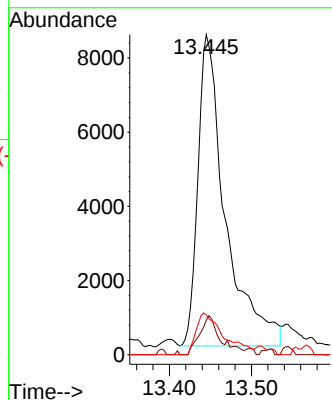
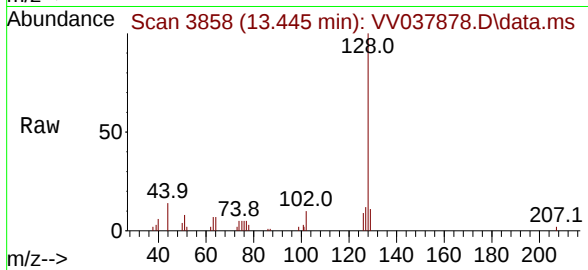
Acq: 16 Oct 2024 16:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	19486
Ion Ratio	Lower	Upper
128	100	
129	9.4	8.4 12.6
127	13.4	9.7 14.5



#72

1,2,3-Trichlorobenzene

Concen: 0.421 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.003 min

Lab File: VV037878.D

Acq: 16 Oct 2024 16:36

Tgt Ion:180	Resp:	11011
Ion Ratio	Lower	Upper
180	100	
182	101.0	77.0 115.6
145	36.7	27.3 40.9

