

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
 Data File : VV037870.D
 Acq On : 16 Oct 2024 10:14
 Operator : SY/MD
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 17 01:55:55 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	279685	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	294145	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	157734	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	107591	4.411	ug/L	0.00
7) Chloroethane-d5	1.529	69	95812	4.913	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	48954	4.626	ug/L	0.00
20) 2-Butanone-d5	3.806	46	216662	49.574	ug/L	0.00
24) Chloroform-d	4.240	84	225350	5.583	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	102959	5.398	ug/L	0.00
32) Benzene-d6	4.950	84	429172	5.264	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	124583	4.949	ug/L	0.00
41) Toluene-d8	7.233	98	405066	5.522	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	45995	5.089	ug/L	0.00
46) 2-Hexanone-d5	8.021	63	190077	49.729	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	99556	5.061	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.555	152	141043	5.091	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	143579	5.426	ug/L	100
3) Chloromethane	1.214	50	136916	4.549	ug/L	99
5) Vinyl chloride	1.282	62	137668	4.639	ug/L	98
6) Bromomethane	1.487	94	82623	4.777	ug/L	99
8) Chloroethane	1.548	64	85069	4.663	ug/L	95
9) Trichlorofluoromethane	1.709	101	192399	5.351	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	113226	5.185	ug/L	99
12) 1,1-Dichloroethene	2.063	96	104489	4.961	ug/L	89
13) Acetone	2.137	43	150687	48.546	ug/L	97
14) Carbon disulfide	2.233	76	350567	5.225	ug/L	100
15) Methyl Acetate	2.384	43	32761	4.078	ug/L	94
16) Methylene chloride	2.442	84	114573	4.333	ug/L	98
17) Methyl tert-butyl Ether	2.700	73	218874	4.580	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	107943	4.950	ug/L	95
19) 1,1-Dichloroethane	3.105	63	200682	4.695	ug/L	98
21) 2-Butanone	3.886	43	214375	43.154	ug/L	96
22) cis-1,2-Dichloroethene	3.806	96	109960	4.885	ug/L	99
23) Bromochloromethane	4.140	128	52267	5.120	ug/L	97
25) Chloroform	4.265	83	211158	5.001	ug/L	100
27) 1,2-Dichloroethane	5.037	62	113222	4.598	ug/L	100
29) 1,1,1-Trichloroethane	4.500	97	181642	4.958	ug/L	98
30) Cyclohexane	4.571	56	147665	4.331	ug/L	99
31) Carbon tetrachloride	4.725	117	159492	5.058	ug/L	100
33) Benzene	5.002	78	441042	4.830	ug/L	100
34) Trichloroethene	5.825	95	116254	4.833	ug/L	95
35) Methylcyclohexane	6.040	83	167981	4.713	ug/L	99
37) 1,2-Dichloropropane	6.085	63	107161	4.520	ug/L	99
38) Bromodichloromethane	6.426	83	143004	4.881	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	149535	4.677	ug/L	100
40) 4-Methyl-2-pentanone	7.150	43	547976	43.703	ug/L	97
42) Toluene	7.307	91	478849	5.061	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	127305	4.894	ug/L	99

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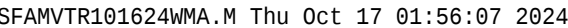
Quant Time: Oct 17 01:55:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 17 01:55:12 2024
 Response via : Initial Calibration

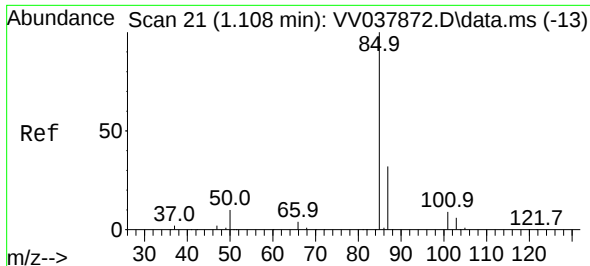
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.760	97	81444	4.848	ug/L	98
47) Tetrachloroethene	7.899	164	90586	4.760	ug/L	99
48) 2-Hexanone	8.069	43	391870	42.409	ug/L	99
49) Dibromochloromethane	8.169	129	91374	5.149	ug/L	99
50) 1,2-Dibromoethane	8.278	107	77839	4.896	ug/L	95
51) Chlorobenzene	8.809	112	307026	4.926	ug/L	98
52) Ethylbenzene	8.937	91	494049	4.843	ug/L	99
53) m,p-Xylene	9.066	106	195329	5.164	ug/L	96
54) o-Xylene	9.471	106	176114	4.832	ug/L	97
55) Styrene	9.490	104	313796	5.093	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	95488	4.654	ug/L	97
59) Bromoform	9.661	173	49980	5.246	ug/L	97
60) Isopropylbenzene	9.860	105	483448	4.821	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	62870	4.076	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	369322	4.565	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	370833	4.646	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	247019	4.863	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	247419	4.648	ug/L	98
67) 1,2-Dichlorobenzene	11.571	146	224233	4.761	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.362	75	12408	4.008	ug/L	97
69) 1,3,5-Trichlorobenzene	12.574	180	167950	4.416	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	125844	3.930	ug/L	98
71) Naphthalene	13.435	128	146093	3.063	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	107888	3.824	ug/L	98

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

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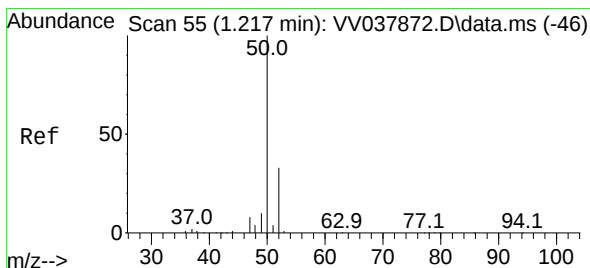
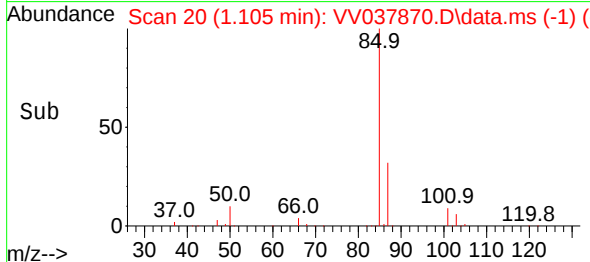
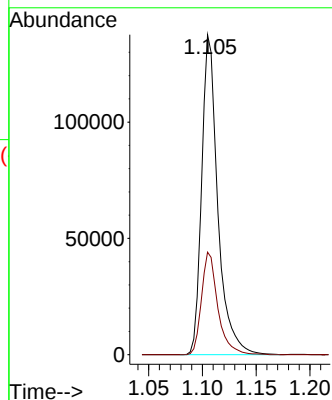
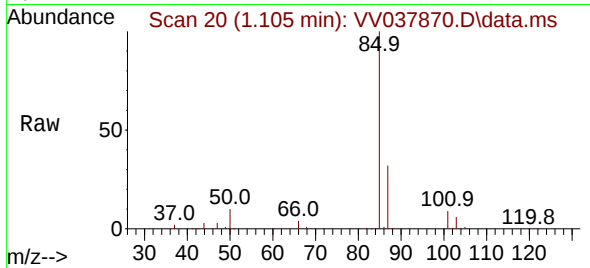




#2
 Dichlorodifluoromethane
 Concen: 5.426 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV037870.D
 Acq: 16 Oct 2024 10:14

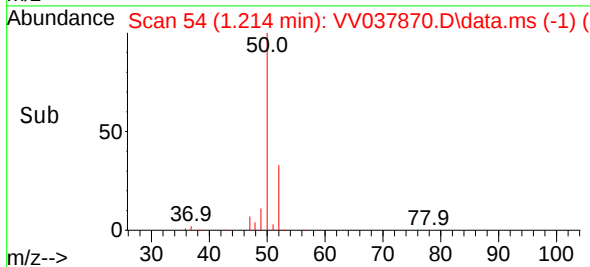
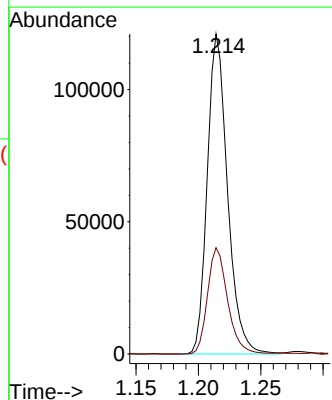
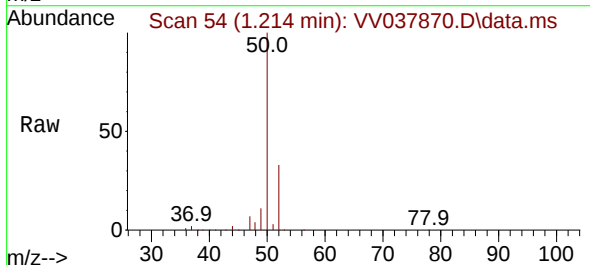
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 ClientSampleId :

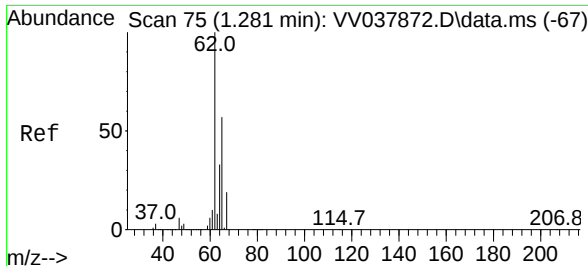
Tgt Ion: 85 Resp: 143579
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.6



#3
 Chloromethane
 Concen: 4.549 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV037870.D
 Acq: 16 Oct 2024 10:14

Tgt Ion: 50 Resp: 136916
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.7 42.3



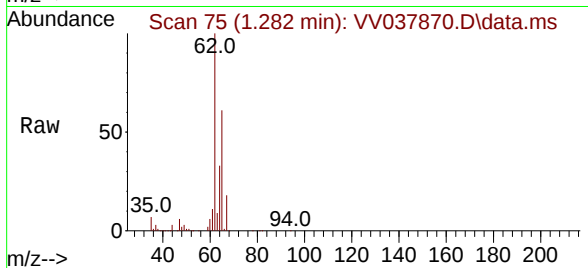


#5
 Vinyl chloride
 Concen: 4.639 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037870.D
 Acq: 16 Oct 2024 10:14

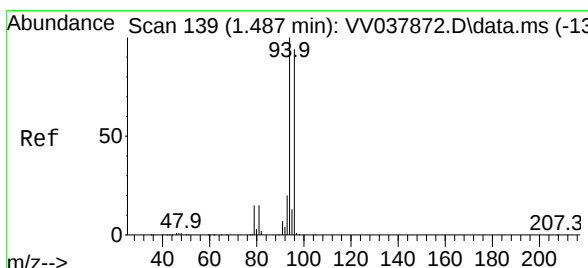
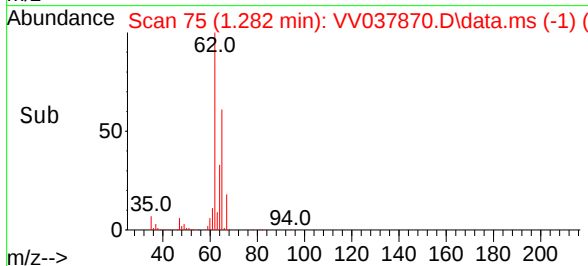
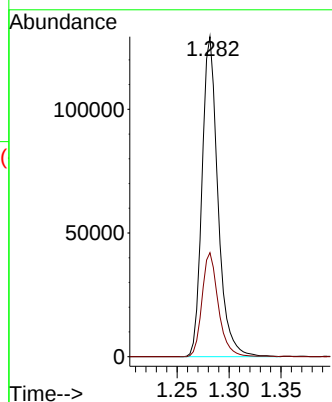
Instrument :

MSVOA_V

ClientSampleId :

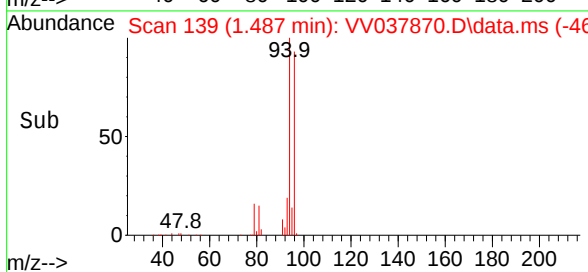
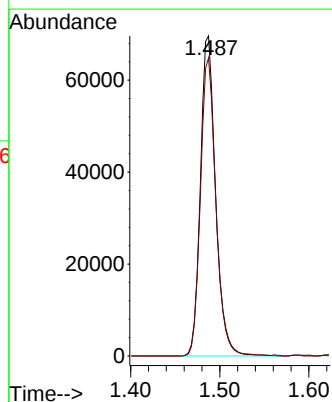
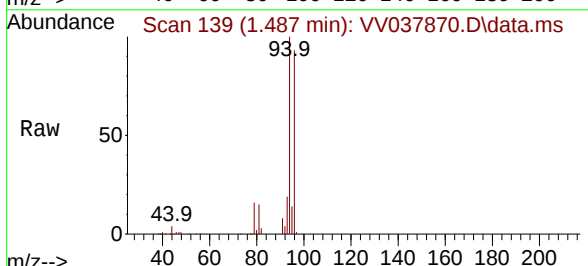


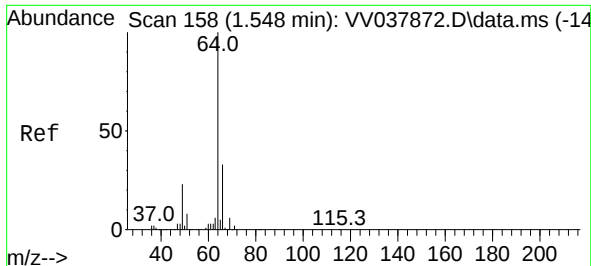
Tgt Ion: 62 Resp: 137668
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.4 43.6



#6
 Bromomethane
 Concen: 4.777 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037870.D
 Acq: 16 Oct 2024 10:14

Tgt Ion: 94 Resp: 82623
 Ion Ratio Lower Upper
 94 100
 96 93.2 66.1 122.7

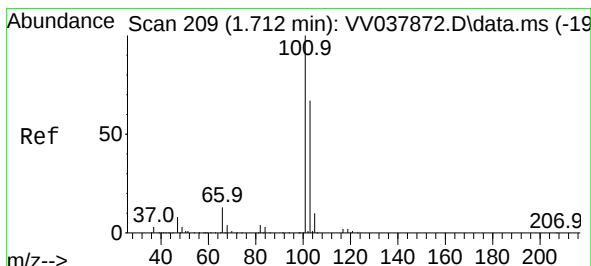
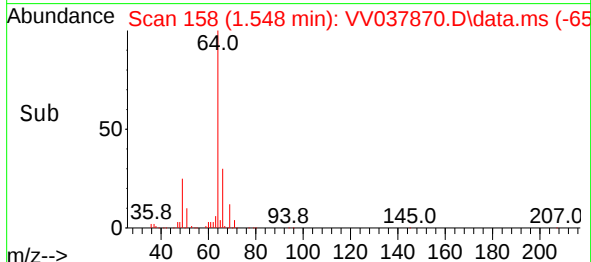
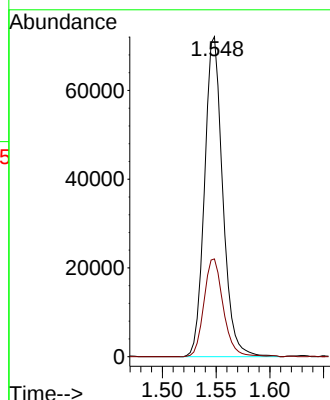
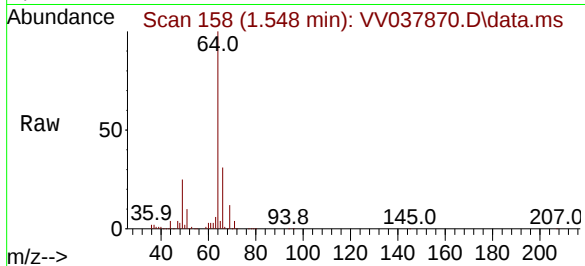




#8
Chloroethane
Concen: 4.663 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV037870.D
Acq: 16 Oct 2024 10:14

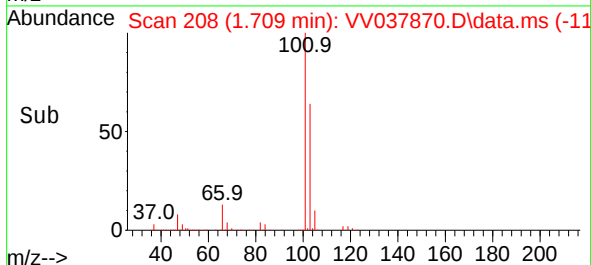
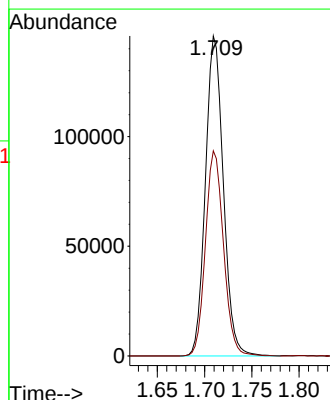
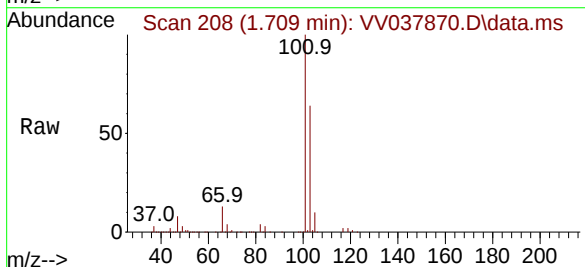
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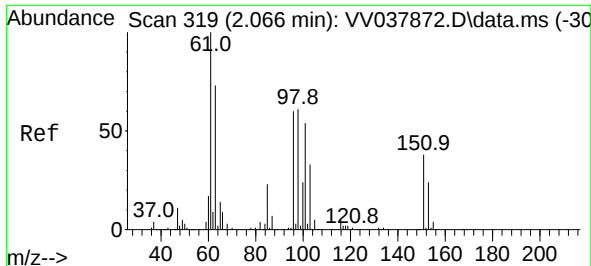
Tgt Ion: 64 Resp: 85069
Ion Ratio Lower Upper
64 100
66 30.5 23.5 43.7



#9
Trichlorofluoromethane
Concen: 5.351 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV037870.D
Acq: 16 Oct 2024 10:14

Tgt Ion:101 Resp: 192399
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.2

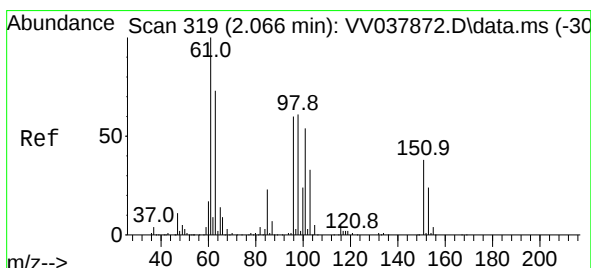
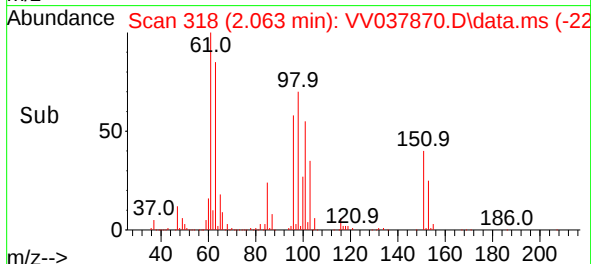
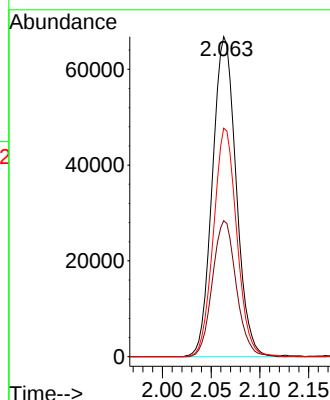
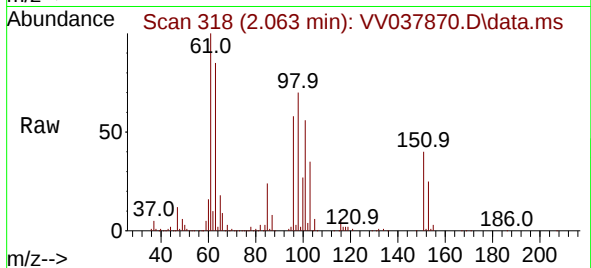




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.185 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV037870.D
 Acq: 16 Oct 2024 10:14

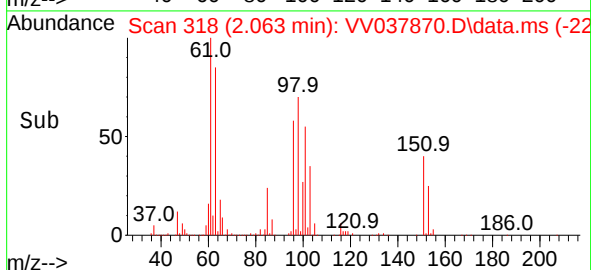
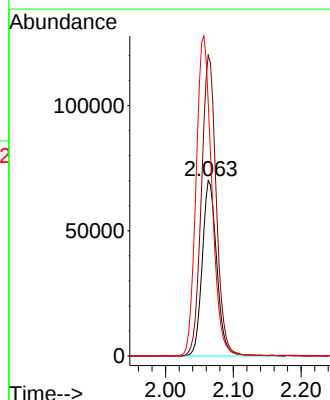
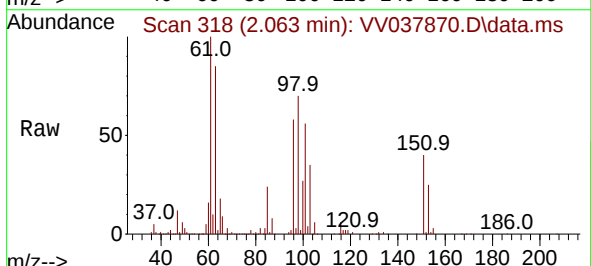
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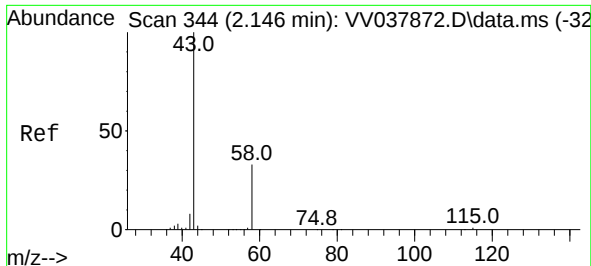
Tgt Ion:101 Resp: 113226
 Ion Ratio Lower Upper
 101 100
 85 42.5 33.6 50.4
 151 70.2 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 4.961 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV037870.D
 Acq: 16 Oct 2024 10:14

Tgt Ion: 96 Resp: 104489
 Ion Ratio Lower Upper
 96 100
 61 171.4 116.3 215.9
 63 144.9 84.9 157.7





#13

Acetone

Concen: 48.546 ug/L

RT: 2.137 min Scan# 344

Delta R.T. -0.009 min

Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

Instrument :

MSVOA_V

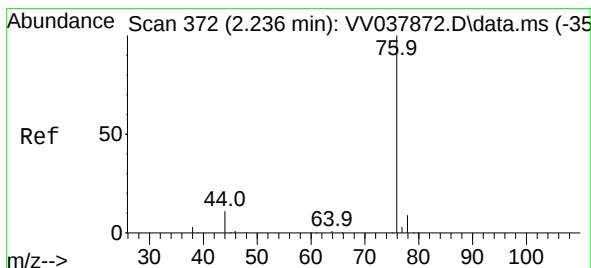
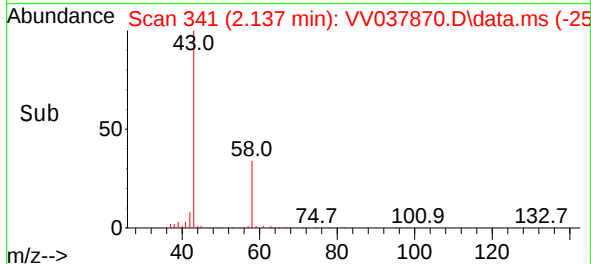
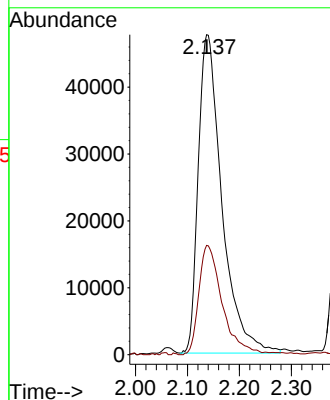
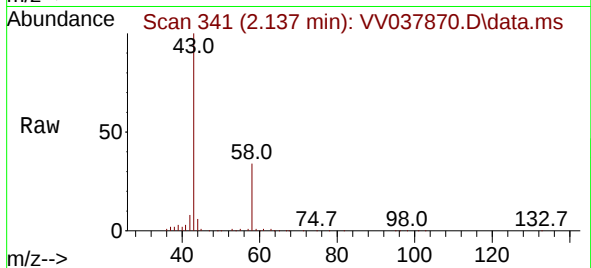
ClientSampleId :

Tgt Ion: 43 Resp: 150687

Ion Ratio Lower Upper

43 100

58 33.7 0.0 70.6



#14

Carbon disulfide

Concen: 5.225 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV037870.D

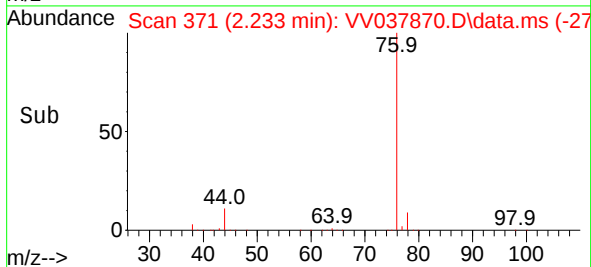
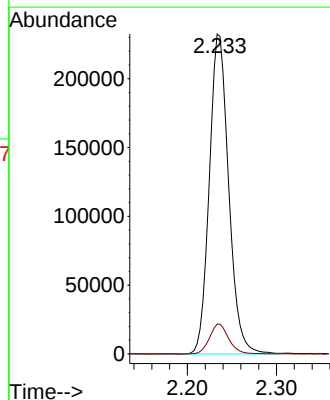
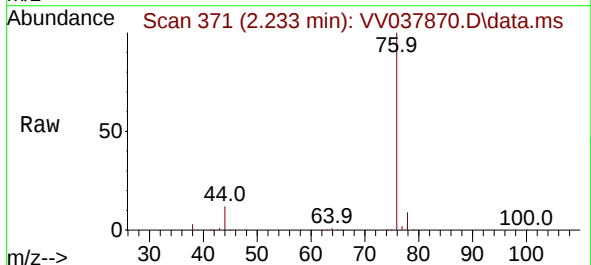
Acq: 16 Oct 2024 10:14

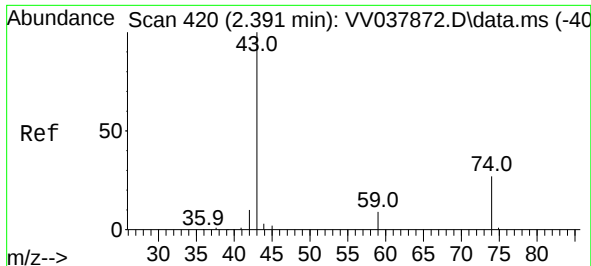
Tgt Ion: 76 Resp: 350567

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3





#15

Methyl Acetate

Concen: 4.078 ug/L

RT: 2.384 min Scan# 41

Delta R.T. -0.006 min

Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

Instrument :

MSVOA_V

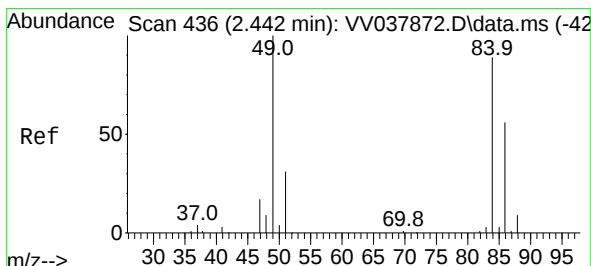
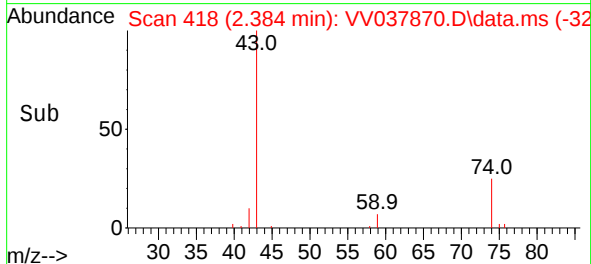
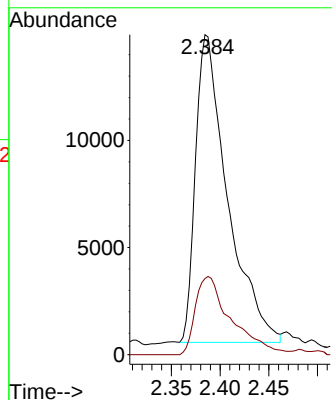
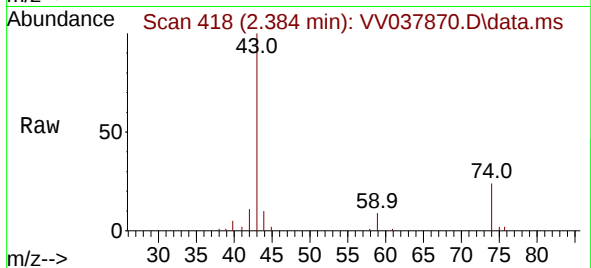
ClientSampleId :

Tgt Ion: 43 Resp: 32761

Ion Ratio Lower Upper

43 100

74 28.5 20.4 30.6



#16

Methylene chloride

Concen: 4.333 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

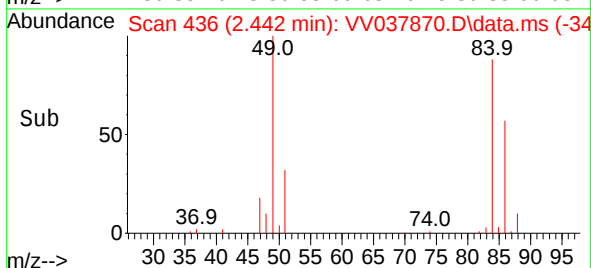
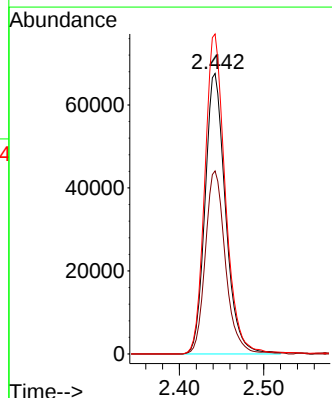
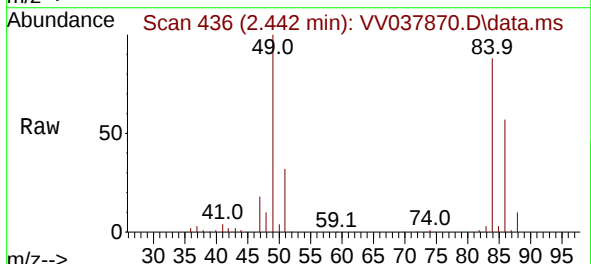
Tgt Ion: 84 Resp: 114573

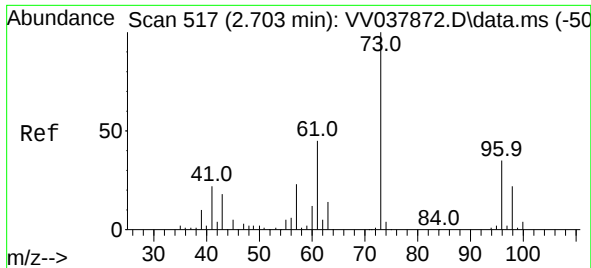
Ion Ratio Lower Upper

84 100

86 65.3 44.0 81.6

49 114.1 78.8 146.4





#17

Methyl tert-butyl Ether

Concen: 4.580 ug/L

RT: 2.700 min Scan# 517

Delta R.T. -0.003 min

Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

Instrument :

MSVOA_V

ClientSampleId :

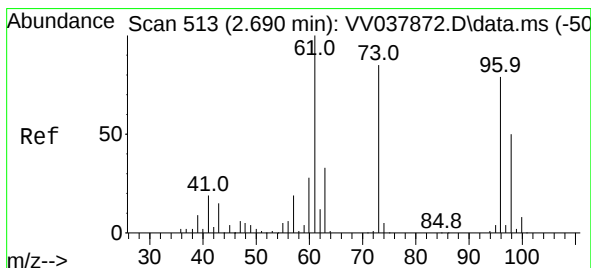
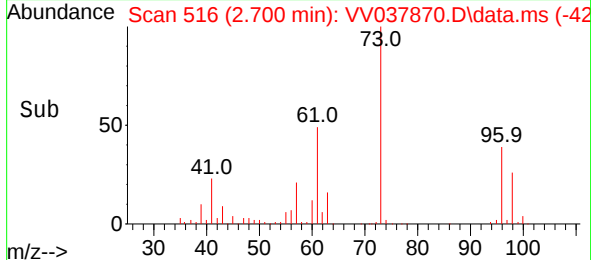
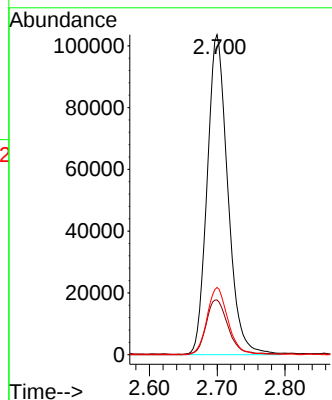
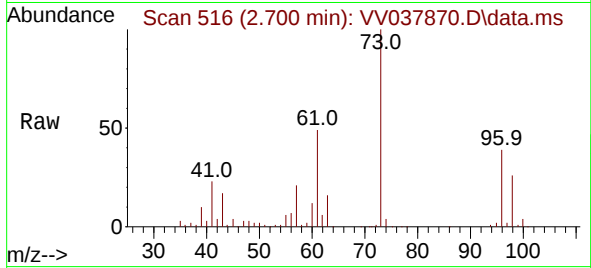
Tgt Ion: 73 Resp: 218874

Ion Ratio Lower Upper

73 100

43 17.8 14.2 21.2

57 21.3 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 4.950 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

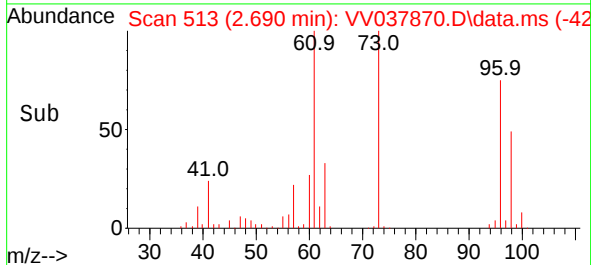
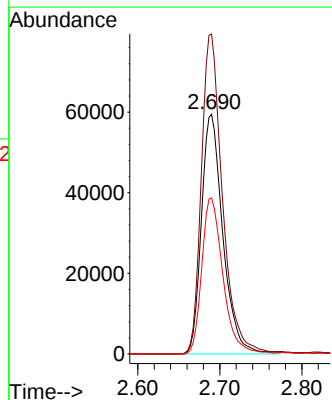
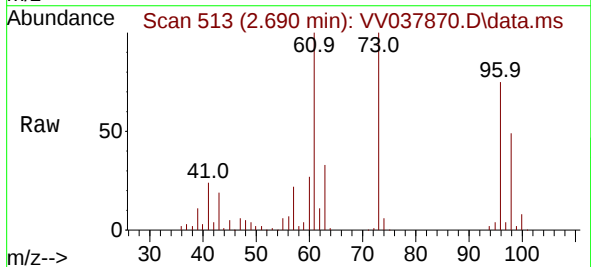
Tgt Ion: 96 Resp: 107943

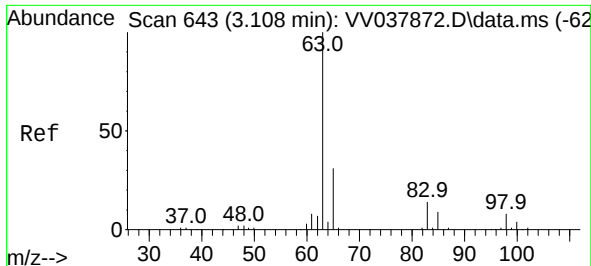
Ion Ratio Lower Upper

96 100

61 133.5 88.4 164.2

98 65.1 44.6 82.8





#19

1,1-Dichloroethane

Concen: 4.695 ug/L

RT: 3.105 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

Instrument :

MSVOA_V

ClientSampleId :

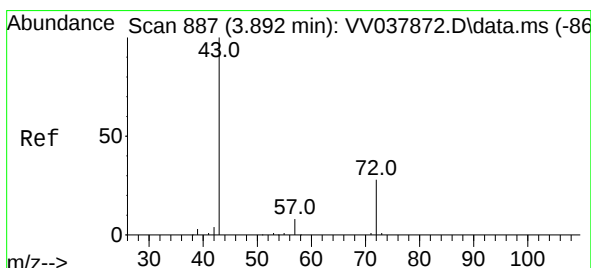
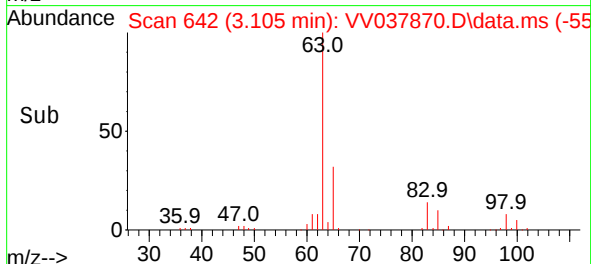
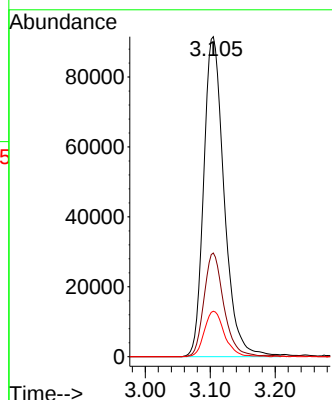
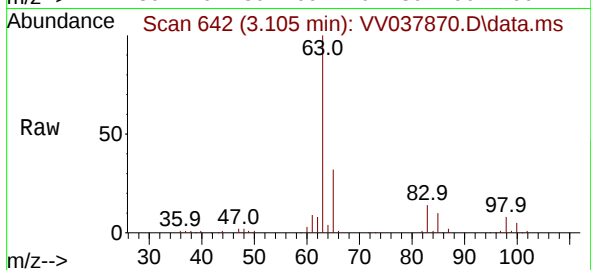
Tgt Ion: 63 Resp: 200682

Ion Ratio Lower Upper

63 100

65 32.4 21.8 40.4

83 14.2 9.9 18.3



#21

2-Butanone

Concen: 43.154 ug/L

RT: 3.886 min Scan# 885

Delta R.T. -0.006 min

Lab File: VV037870.D

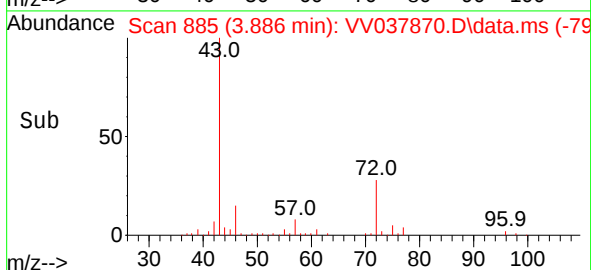
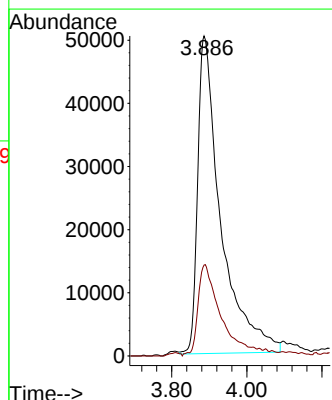
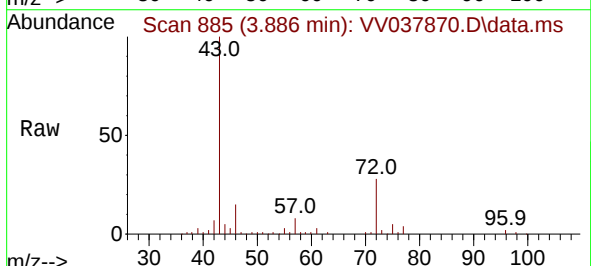
Acq: 16 Oct 2024 10:14

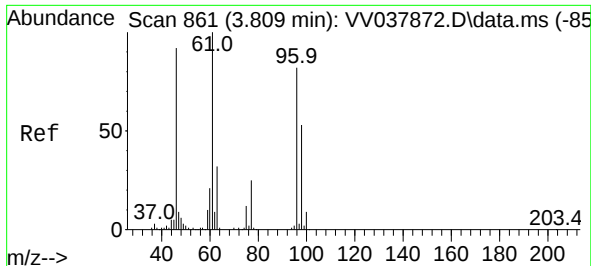
Tgt Ion: 43 Resp: 214375

Ion Ratio Lower Upper

43 100

72 28.2 13.0 38.9





#22

cis-1,2-Dichloroethene

Concen: 4.885 ug/L

RT: 3.806 min Scan# 860

Delta R.T. -0.003 min

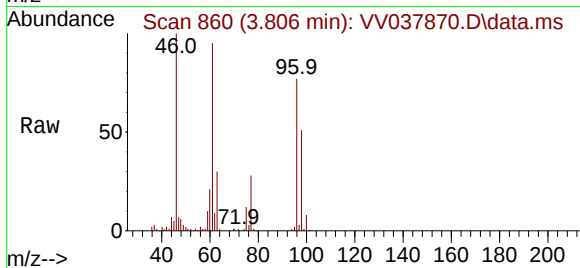
Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

Instrument :

MSVOA_V

ClientSampleId :



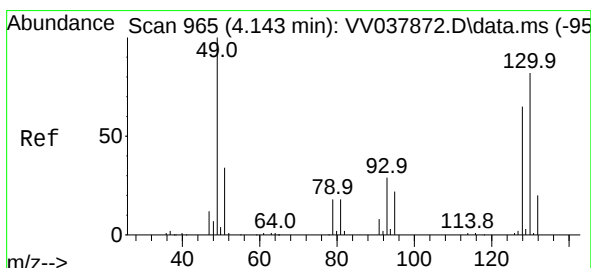
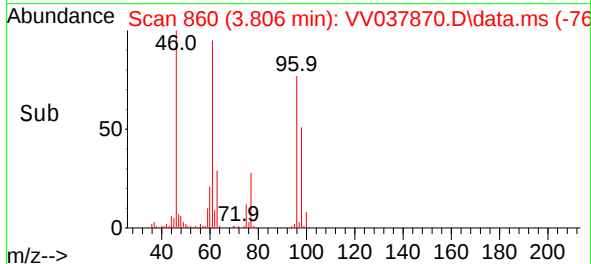
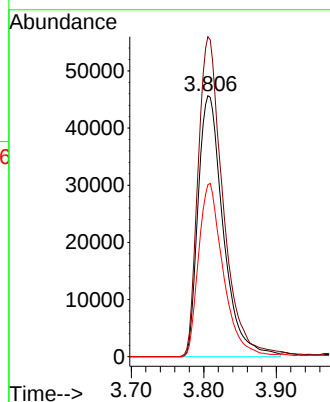
Tgt Ion: 96 Resp: 109960

Ion Ratio Lower Upper

96 100

61 122.6 85.5 158.9

98 65.9 45.5 84.5



#23

Bromochloromethane

Concen: 5.120 ug/L

RT: 4.140 min Scan# 964

Delta R.T. -0.003 min

Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

Tgt Ion: 128 Resp: 52267

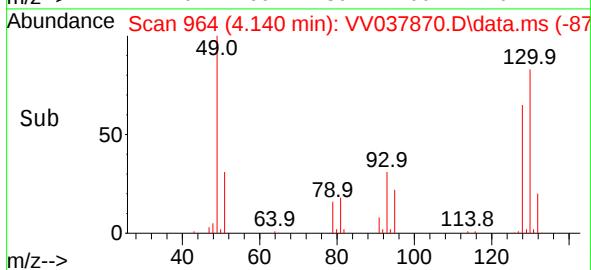
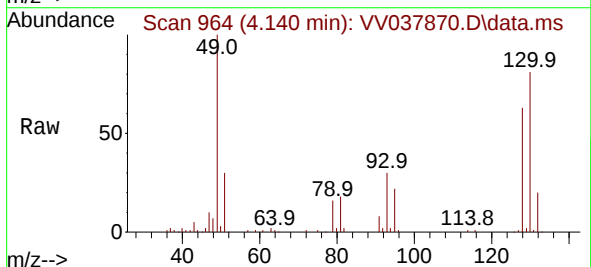
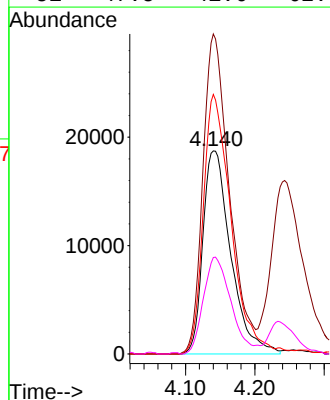
Ion Ratio Lower Upper

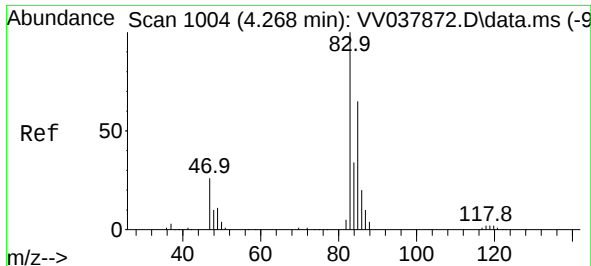
128 100

49 157.6 107.0 198.6

130 127.8 88.0 163.4

51 47.5 41.6 62.4





#25

Chloroform

Concen: 5.001 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

Instrument :

MSVOA_V

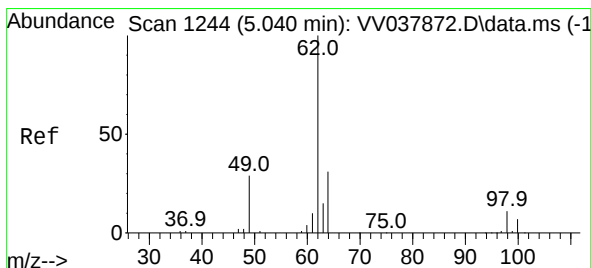
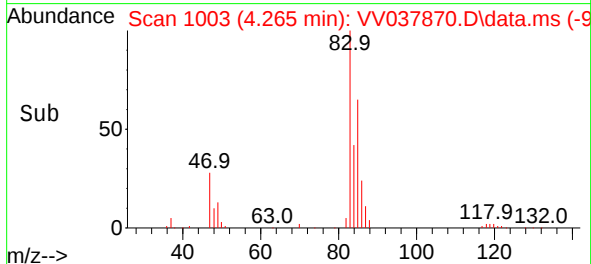
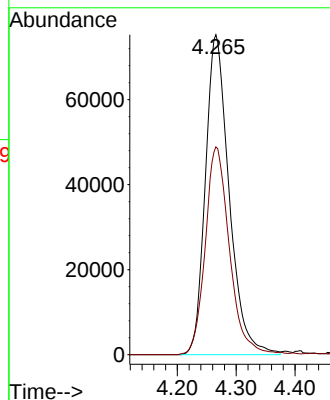
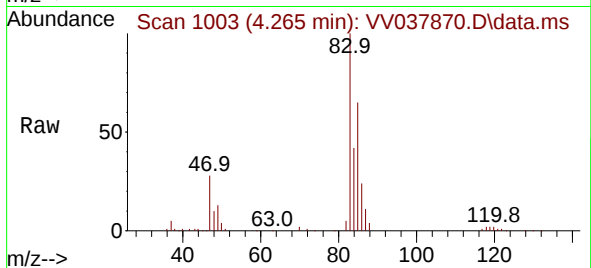
ClientSampleId :

Tgt Ion: 83 Resp: 211158

Ion Ratio Lower Upper

83 100

85 65.0 45.3 84.1



#27

1,2-Dichloroethane

Concen: 4.598 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.003 min

Lab File: VV037870.D

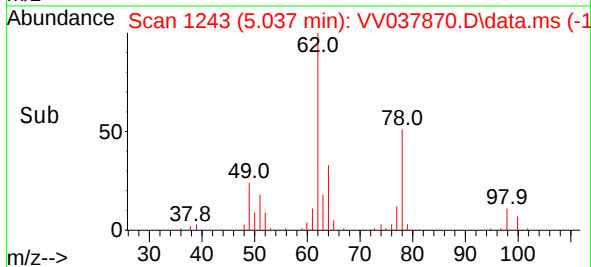
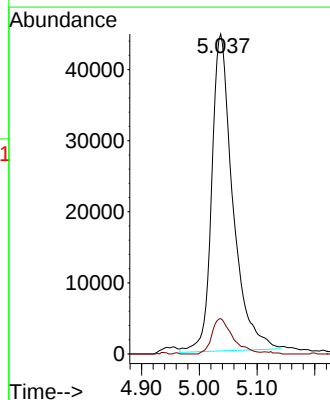
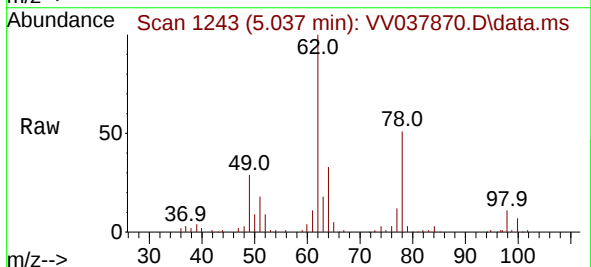
Acq: 16 Oct 2024 10:14

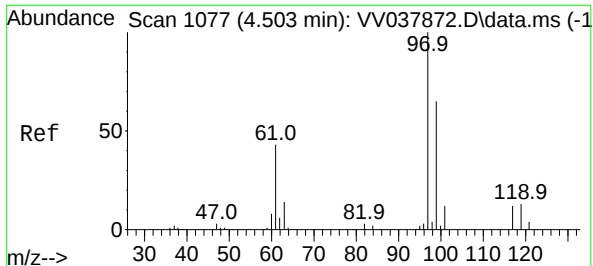
Tgt Ion: 62 Resp: 113222

Ion Ratio Lower Upper

62 100

98 11.0 8.8 13.2

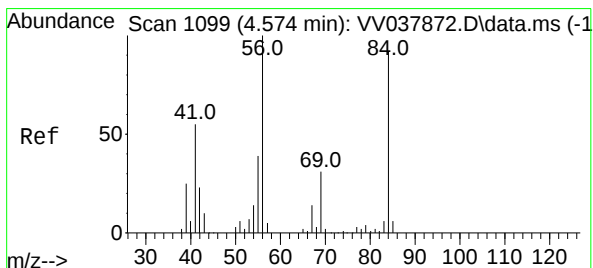
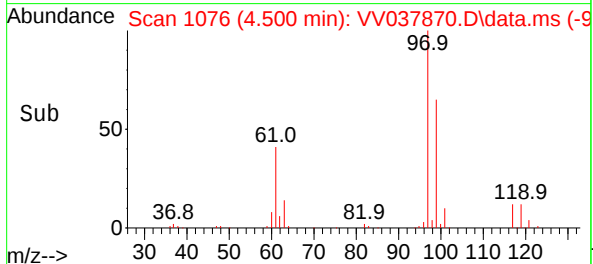
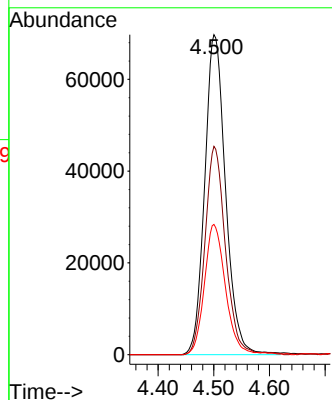
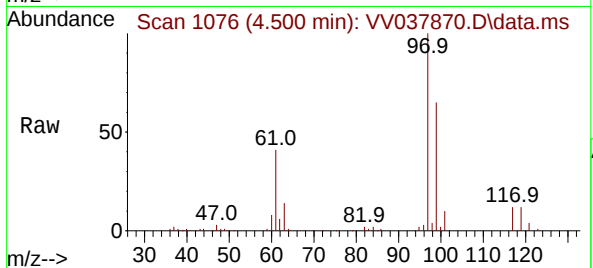




#29
1,1,1-Trichloroethane
Concen: 4.958 ug/L
RT: 4.500 min Scan# 1077
Delta R.T. -0.003 min
Lab File: VV037870.D
Acq: 16 Oct 2024 10:14

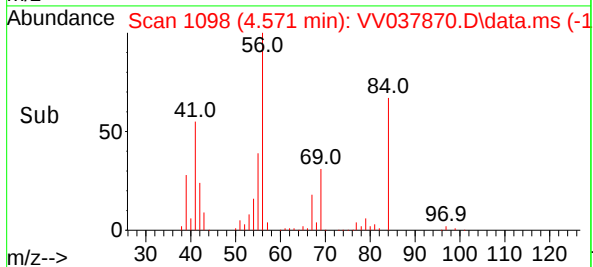
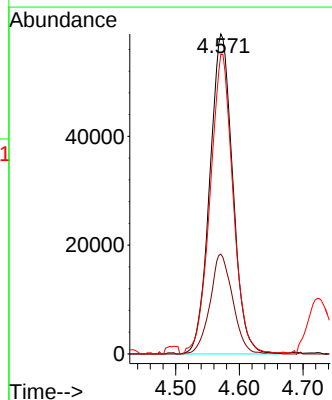
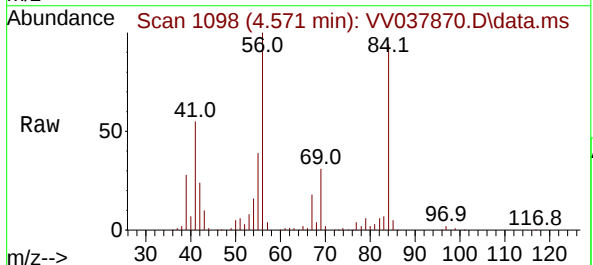
Instrument :
MSVOA_V
ClientSampleId :

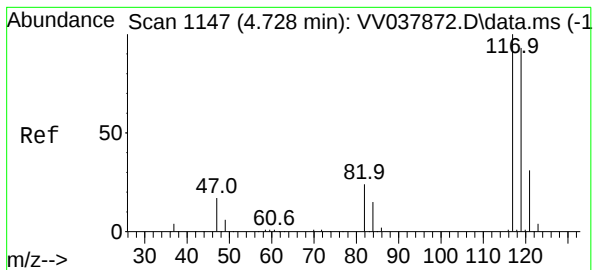
Tgt Ion: 97 Resp: 181642
Ion Ratio Lower Upper
97 100
99 63.9 51.9 77.9
61 40.8 33.9 50.9



#30
Cyclohexane
Concen: 4.331 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.003 min
Lab File: VV037870.D
Acq: 16 Oct 2024 10:14

Tgt Ion: 56 Resp: 147665
Ion Ratio Lower Upper
56 100
69 30.8 25.3 37.9
84 93.4 73.9 110.9





#31

Carbon tetrachloride

Concen: 5.058 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. -0.003 min

Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

Instrument :

MSVOA_V

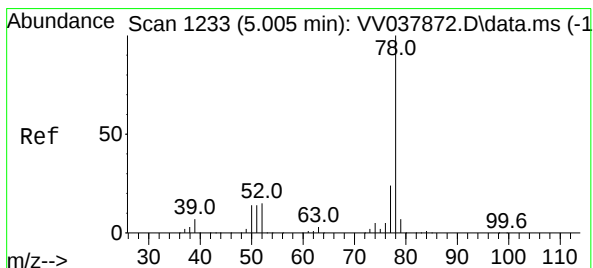
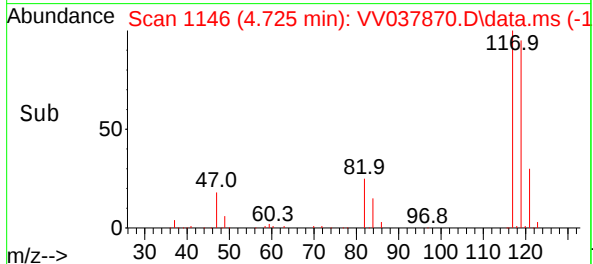
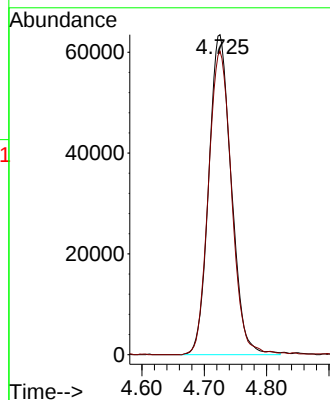
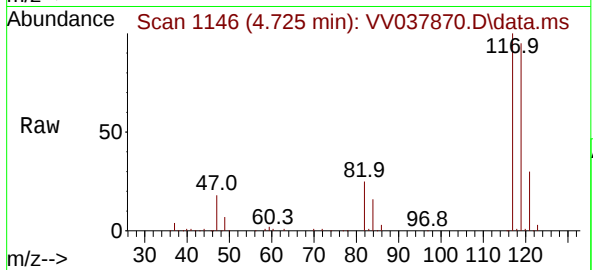
ClientSampleId :

Tgt Ion:117 Resp: 159492

Ion Ratio Lower Upper

117 100

119 96.6 77.4 116.0



#33

Benzene

Concen: 4.830 ug/L

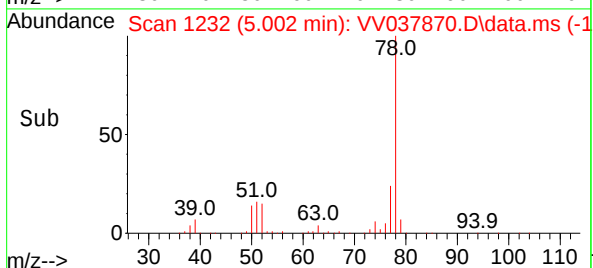
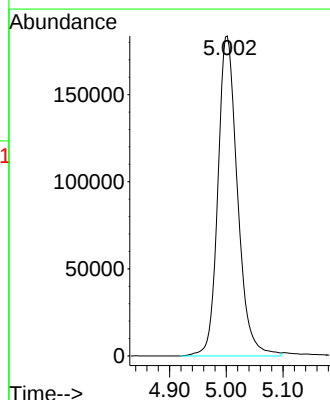
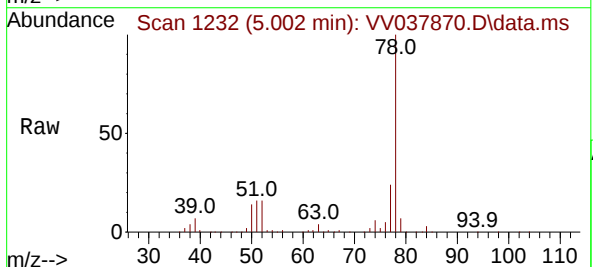
RT: 5.002 min Scan# 1232

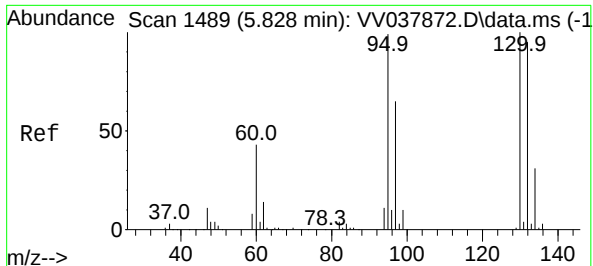
Delta R.T. -0.003 min

Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

Tgt Ion: 78 Resp: 441042





#34

Trichloroethene

Concen: 4.833 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.003 min

Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 116254

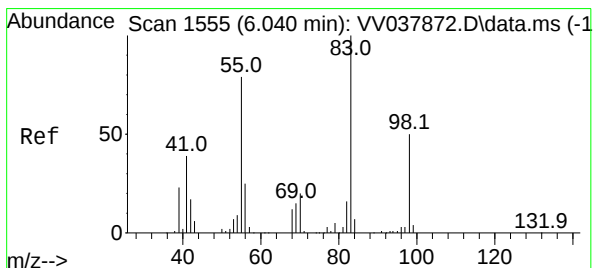
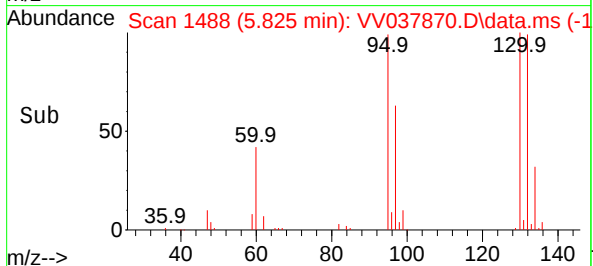
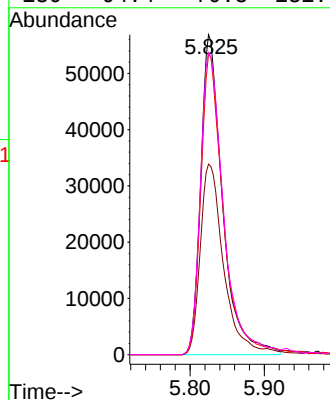
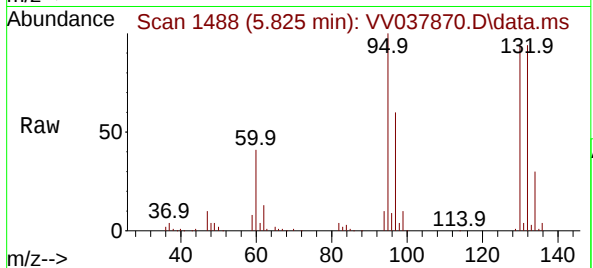
Ion Ratio Lower Upper

95 100

97 59.6 46.1 85.5

132 93.9 67.3 124.9

130 94.4 70.8 131.6



#35

Methylcyclohexane

Concen: 4.713 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

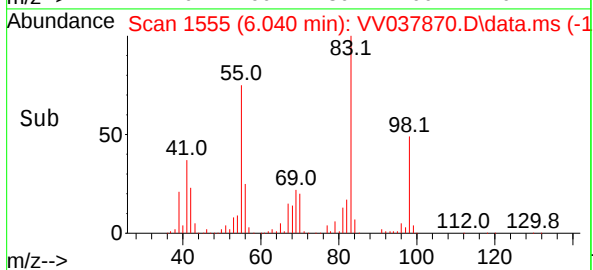
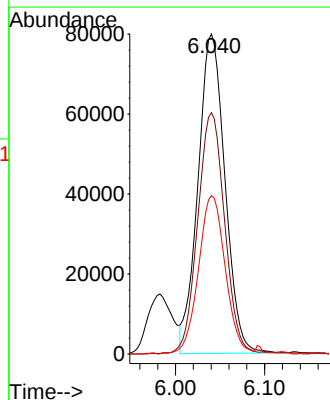
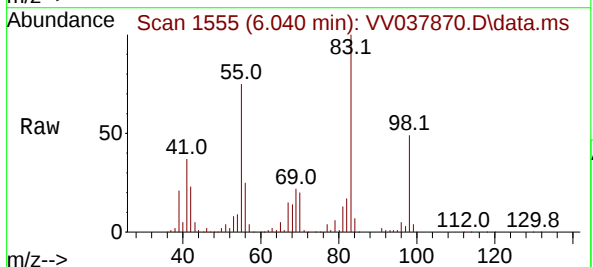
Tgt Ion: 83 Resp: 167981

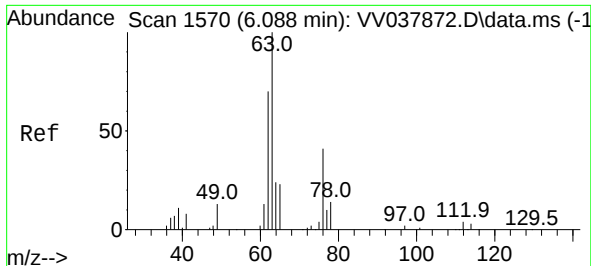
Ion Ratio Lower Upper

83 100

55 75.0 59.7 89.5

98 49.3 37.8 56.6

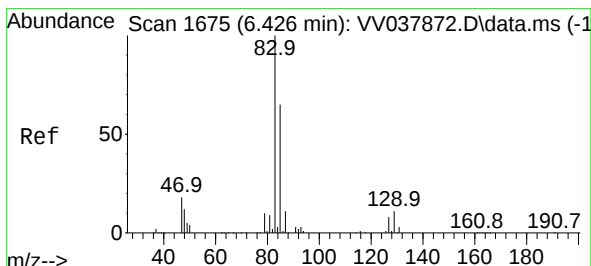
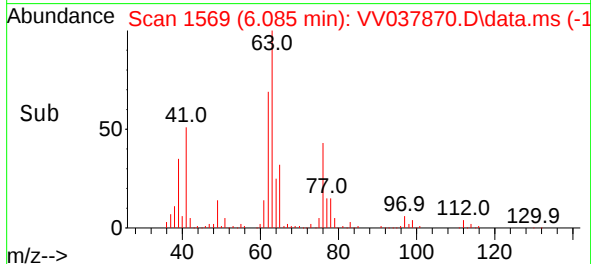
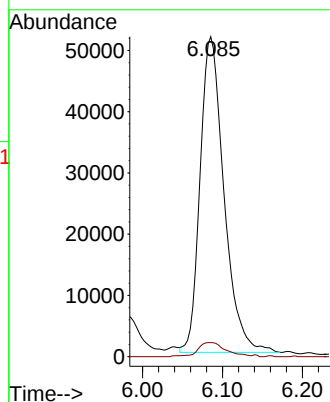
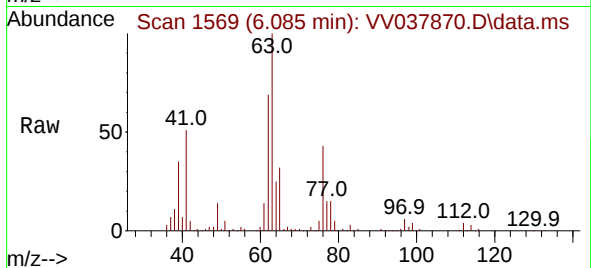




#37
1,2-Dichloropropane
Concen: 4.520 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV037870.D
Acq: 16 Oct 2024 10:14

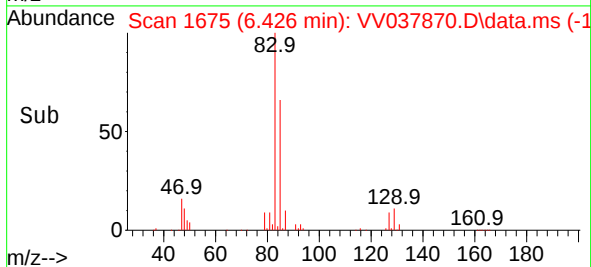
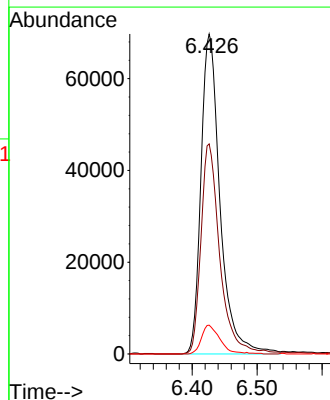
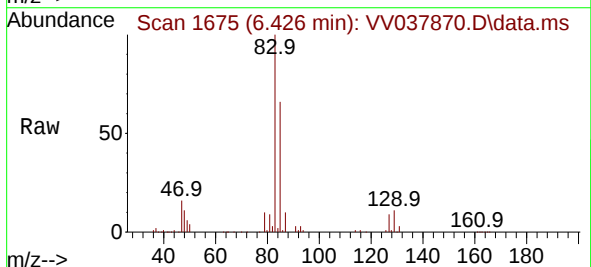
Instrument :
MSVOA_V
ClientSampleId :

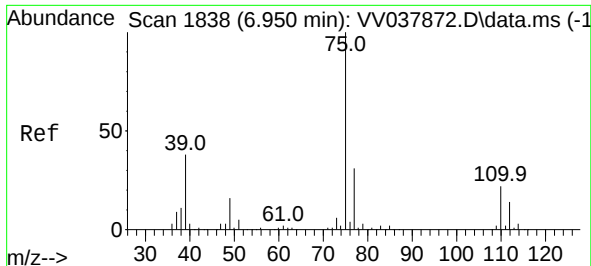
Tgt Ion: 63 Resp: 107161
Ion Ratio Lower Upper
63 100
112 5.2 3.9 5.9



#38
Bromodichloromethane
Concen: 4.881 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV037870.D
Acq: 16 Oct 2024 10:14

Tgt Ion: 83 Resp: 143004
Ion Ratio Lower Upper
83 100
85 65.6 45.3 84.1
127 9.0 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.677 ug/L

RT: 6.947 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

Instrument :

MSVOA_V

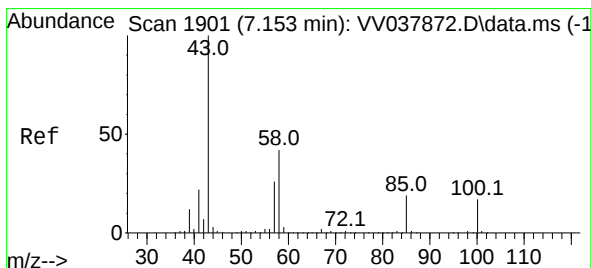
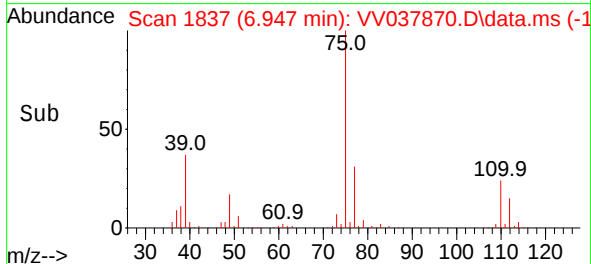
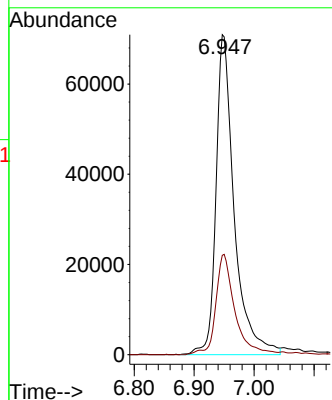
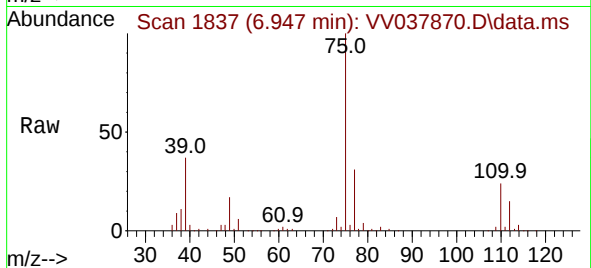
ClientSampleId :

Tgt Ion: 75 Resp: 149535

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 43.703 ug/L

RT: 7.150 min Scan# 1900

Delta R.T. -0.003 min

Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

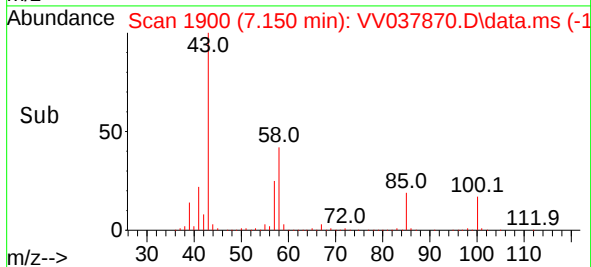
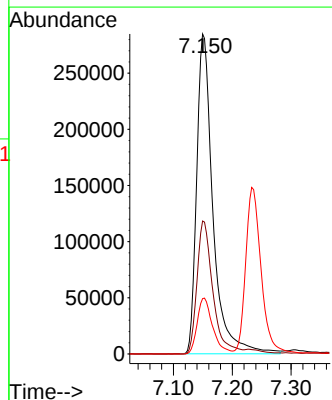
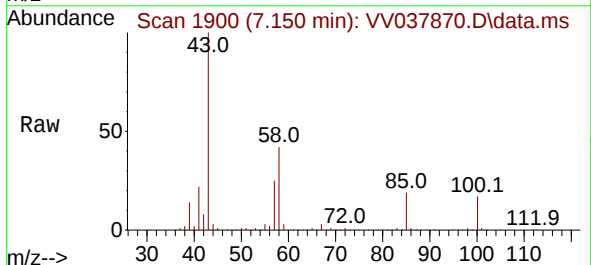
Tgt Ion: 43 Resp: 547976

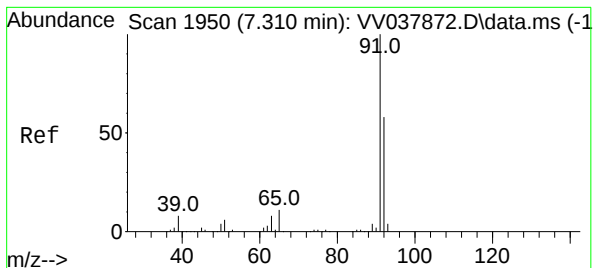
Ion Ratio Lower Upper

43 100

58 40.5 34.3 51.5

100 16.6 13.3 19.9





#42

Toluene

Concen: 5.061 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.003 min

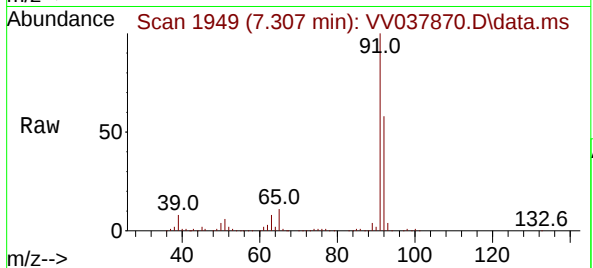
Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

Instrument :

MSVOA_V

ClientSampleId :

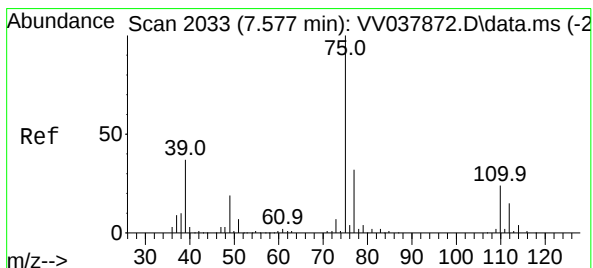
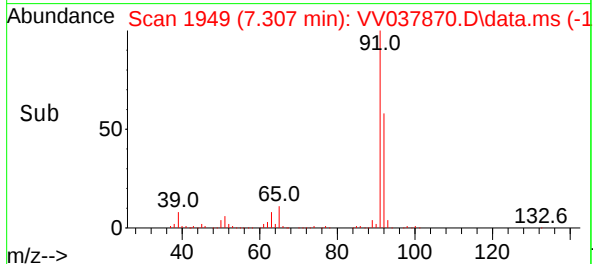
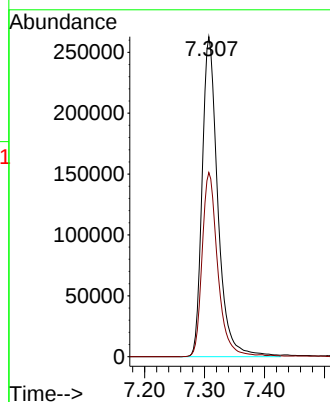


Tgt Ion: 91 Resp: 478849

Ion Ratio Lower Upper

91 100

92 57.5 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 4.894 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV037870.D

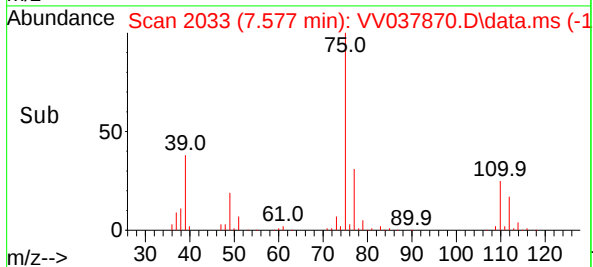
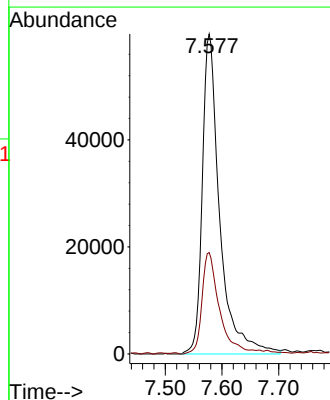
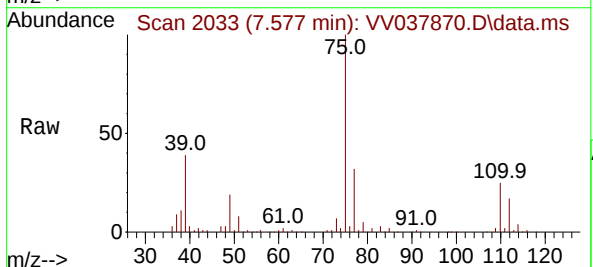
Acq: 16 Oct 2024 10:14

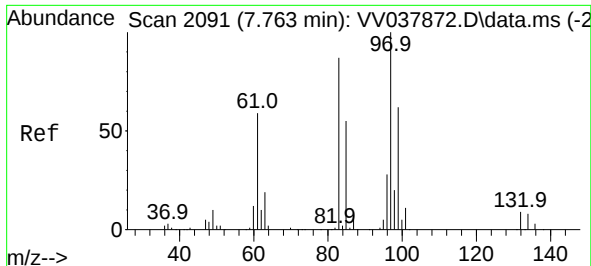
Tgt Ion: 75 Resp: 127305

Ion Ratio Lower Upper

75 100

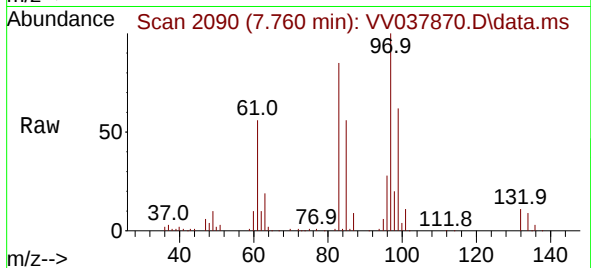
77 31.7 22.4 41.6



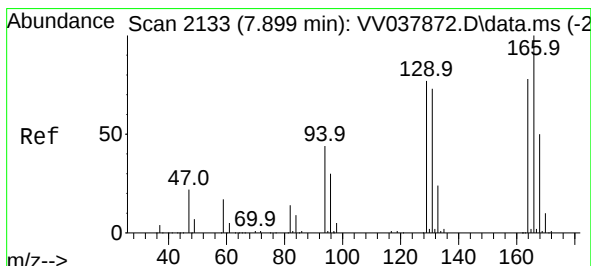
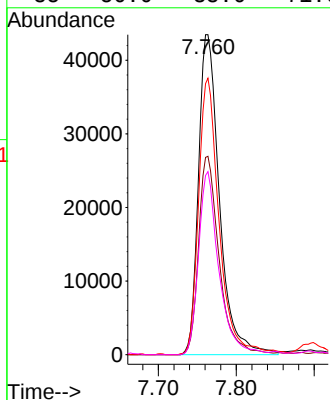
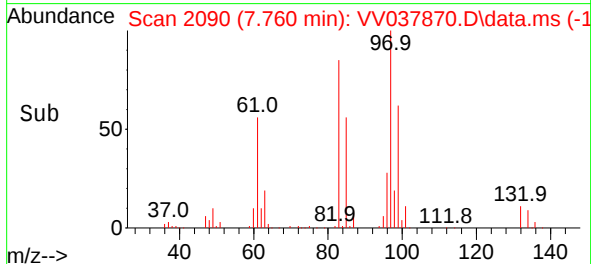


#45
1,1,2-Trichloroethane
Concen: 4.848 ug/L
RT: 7.760 min Scan# 2091
Delta R.T. -0.003 min
Lab File: VV037870.D
Acq: 16 Oct 2024 10:14

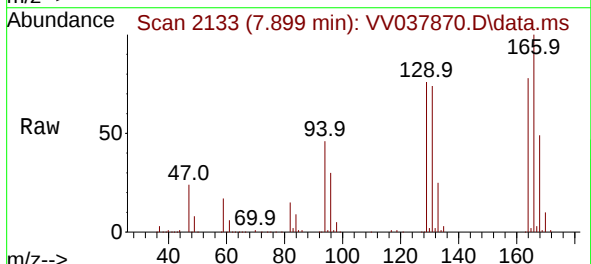
Instrument :
MSVOA_V
ClientSampleId :



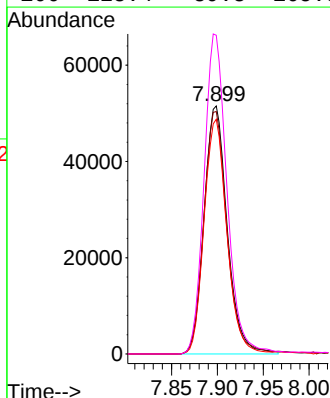
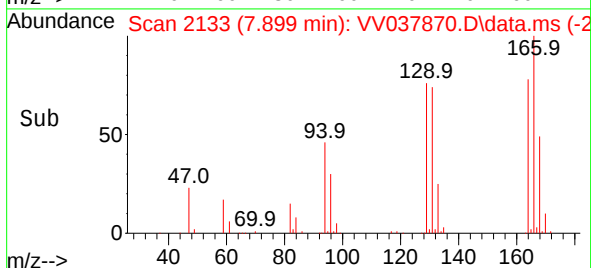
Tgt Ion:	97	Resp:	81444
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.5	80.7
83	84.7	61.0	113.2
85	56.0	38.6	71.6

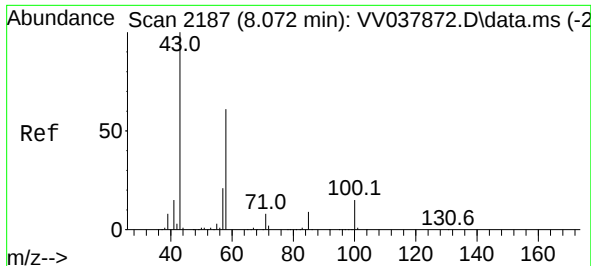


#47
Tetrachloroethene
Concen: 4.760 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037870.D
Acq: 16 Oct 2024 10:14



Tgt Ion:	164	Resp:	90586
Ion	Ratio	Lower	Upper
164	100		
129	97.7	68.7	127.7
131	94.6	65.0	120.8
166	128.4	89.3	165.9

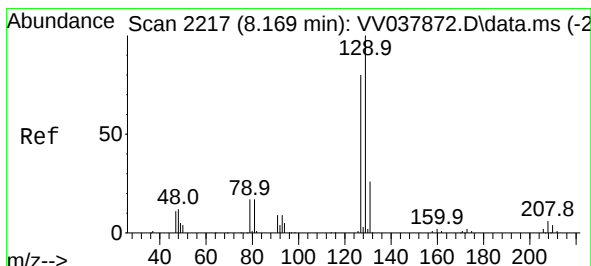
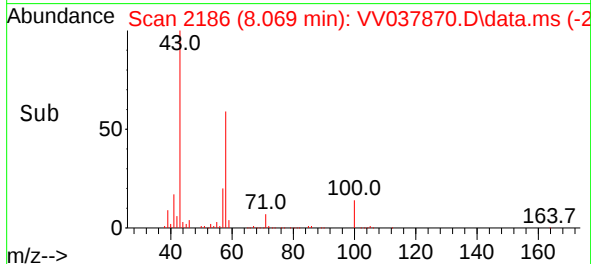
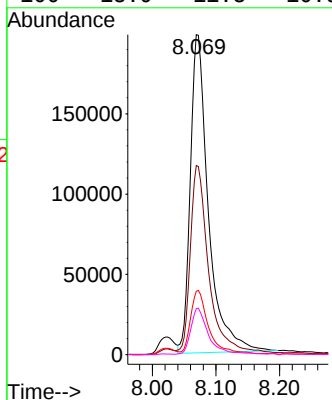
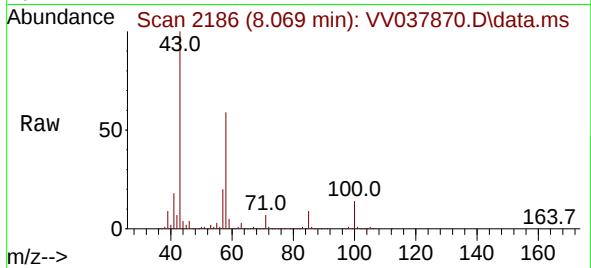




#48
2-Hexanone
Concen: 42.409 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. -0.003 min
Lab File: VV037870.D
Acq: 16 Oct 2024 10:14

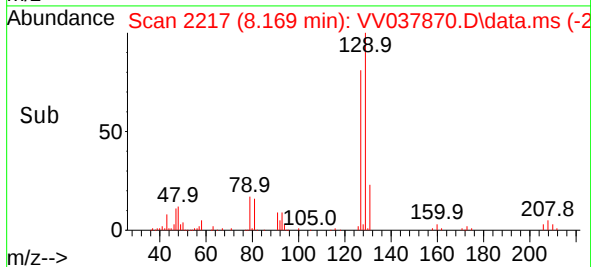
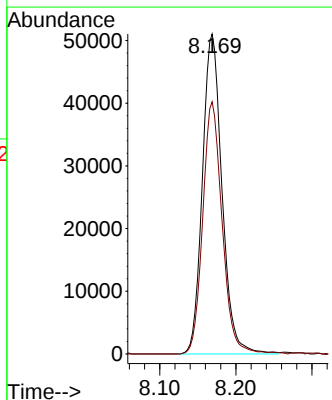
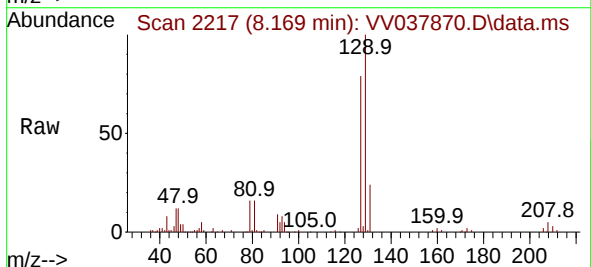
Instrument :
MSVOA_V
ClientSampleId :

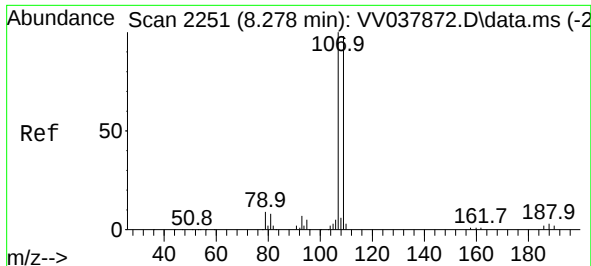
Tgt Ion: 43 Resp: 391870
Ion Ratio Lower Upper
43 100
58 60.3 47.8 71.6
57 19.6 15.4 23.0
100 13.9 11.3 16.9



#49
Dibromochloromethane
Concen: 5.149 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV037870.D
Acq: 16 Oct 2024 10:14

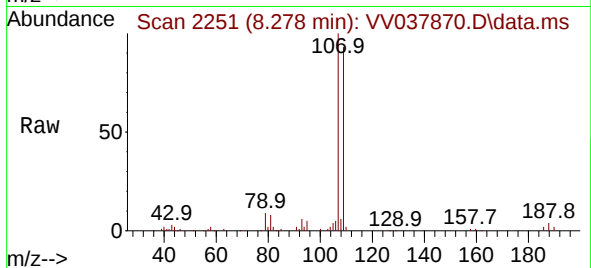
Tgt Ion:129 Resp: 91374
Ion Ratio Lower Upper
129 100
127 78.8 55.8 103.6



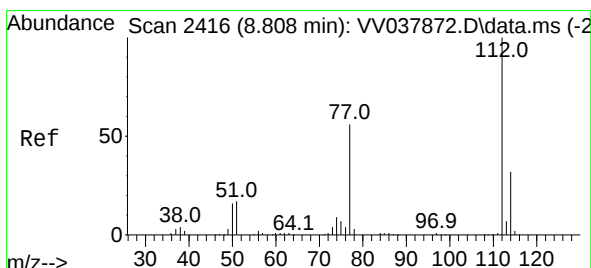
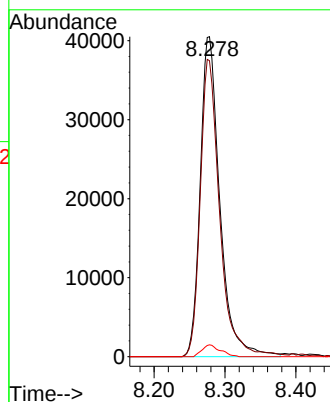
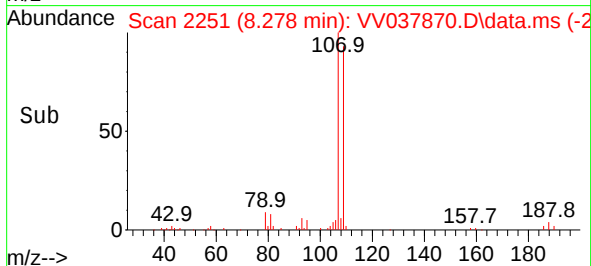


#50
1,2-Dibromoethane
Concen: 4.896 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037870.D
Acq: 16 Oct 2024 10:14

Instrument :
MSVOA_V
ClientSampleId :

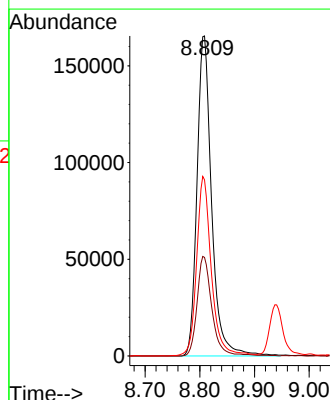
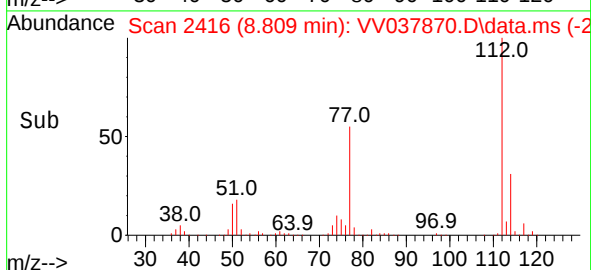
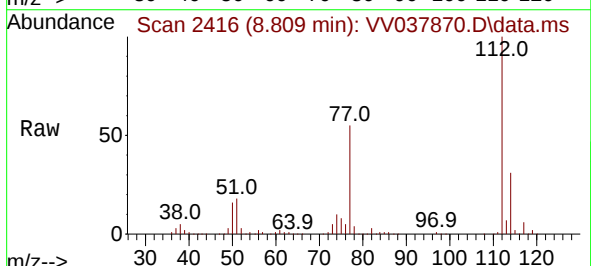


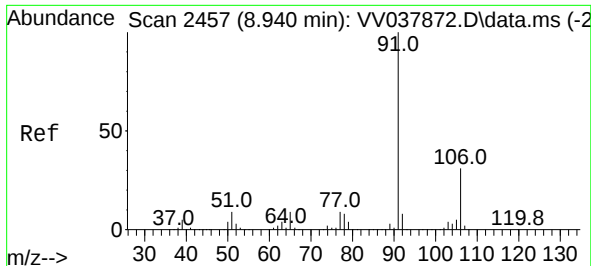
Tgt Ion:107 Resp: 77839
Ion Ratio Lower Upper
107 100
109 92.5 68.3 126.9
188 3.7 2.7 4.1



#51
Chlorobenzene
Concen: 4.926 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV037870.D
Acq: 16 Oct 2024 10:14

Tgt Ion:112 Resp: 307026
Ion Ratio Lower Upper
112 100
114 30.8 22.0 41.0
77 55.1 45.3 67.9





#52

Ethylbenzene

Concen: 4.843 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

Instrument :

MSVOA_V

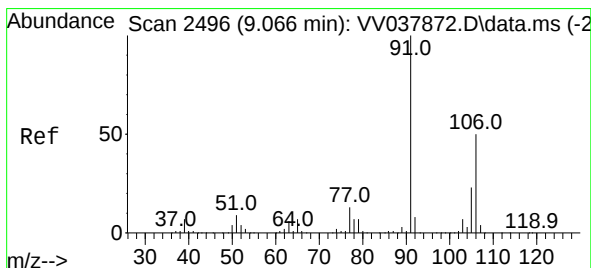
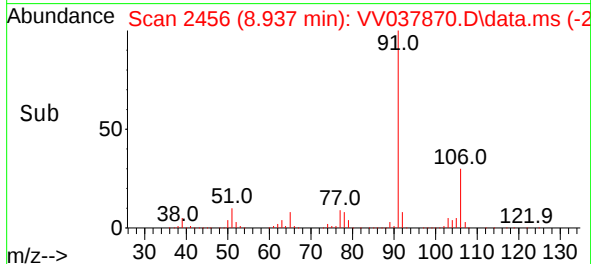
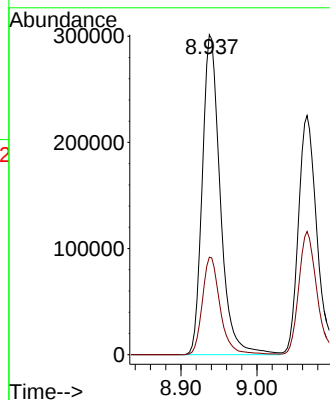
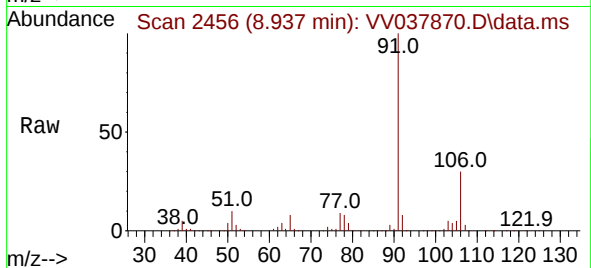
ClientSampleId :

Tgt Ion: 91 Resp: 494049

Ion Ratio Lower Upper

91 100

106 30.4 21.6 40.0



#53

m,p-Xylene

Concen: 5.164 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV037870.D

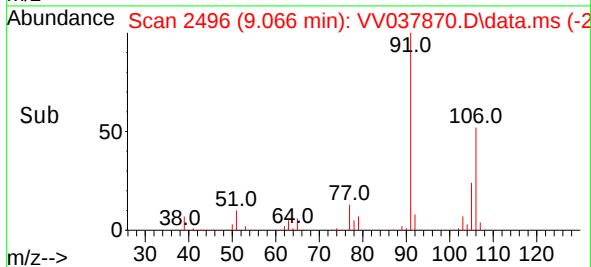
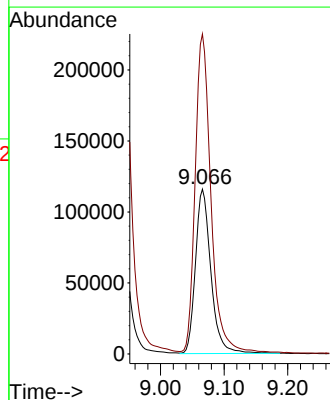
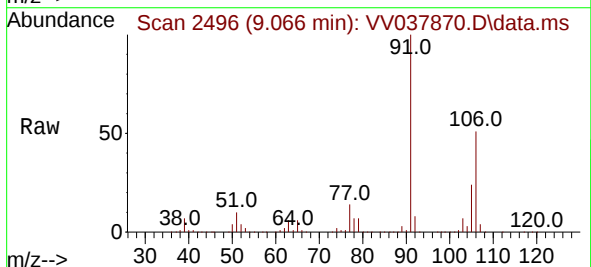
Acq: 16 Oct 2024 10:14

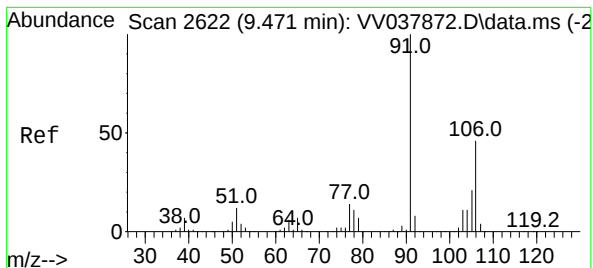
Tgt Ion:106 Resp: 195329

Ion Ratio Lower Upper

106 100

91 194.2 140.0 260.0





#54

o-Xylene

Concen: 4.832 ug/L

RT: 9.471 min Scan# 2622

Delta R.T. 0.000 min

Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

Instrument :

MSVOA_V

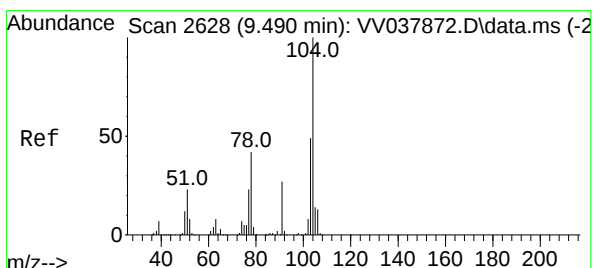
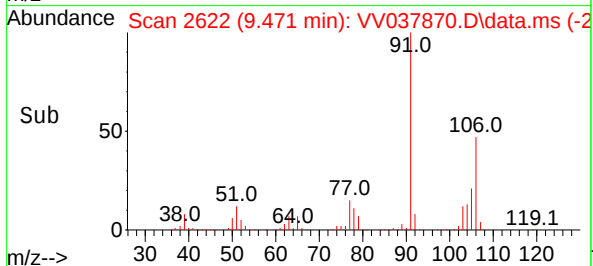
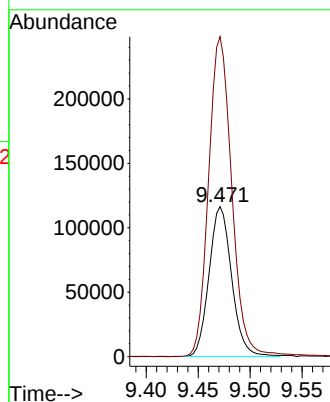
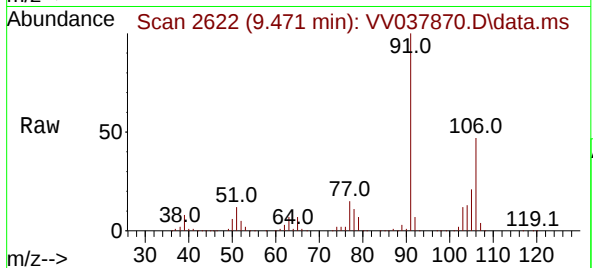
ClientSampleId :

Tgt Ion:106 Resp: 176114

Ion Ratio Lower Upper

106 100

91 213.1 152.1 282.5



#55

Styrene

Concen: 5.093 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. 0.000 min

Lab File: VV037870.D

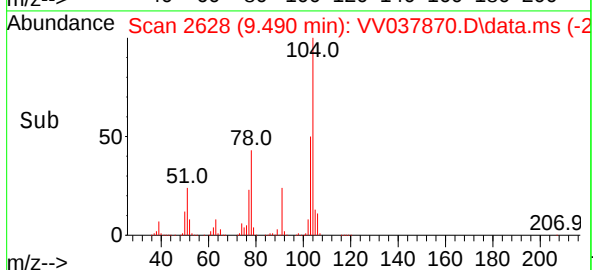
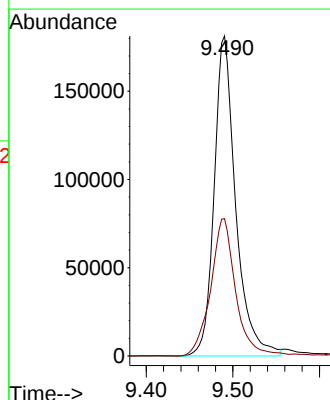
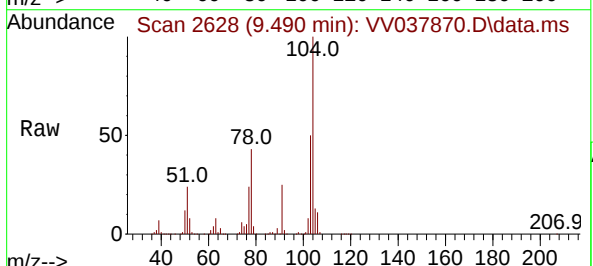
Acq: 16 Oct 2024 10:14

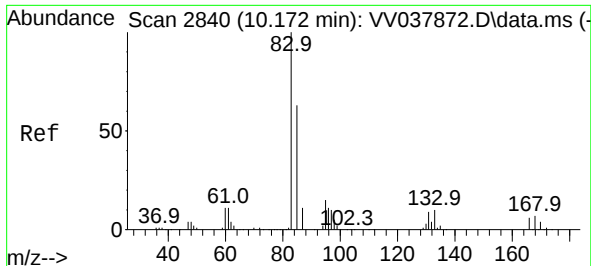
Tgt Ion:104 Resp: 313796

Ion Ratio Lower Upper

104 100

78 42.9 29.7 55.1

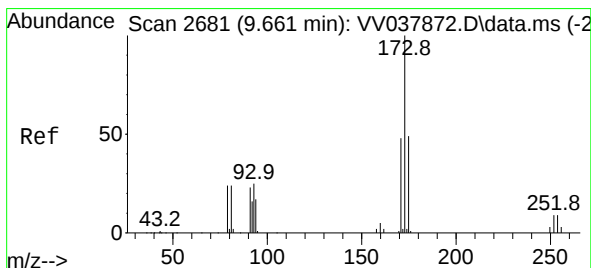
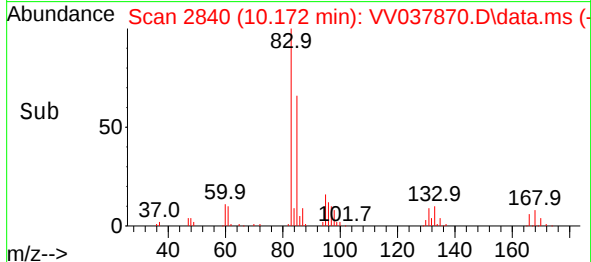
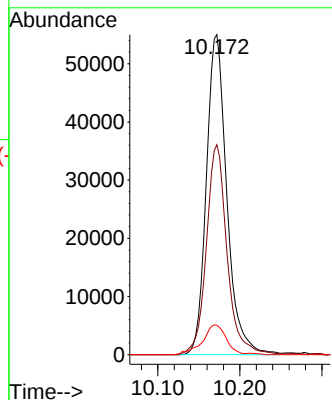
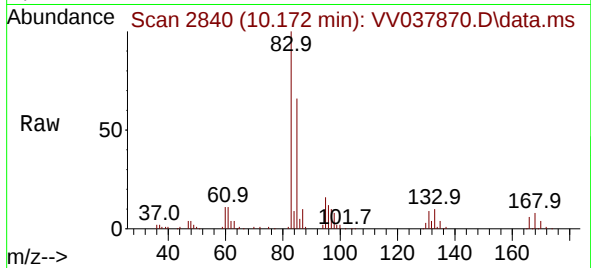




#57
1,1,2,2-Tetrachloroethane
Concen: 4.654 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV037870.D
Acq: 16 Oct 2024 10:14

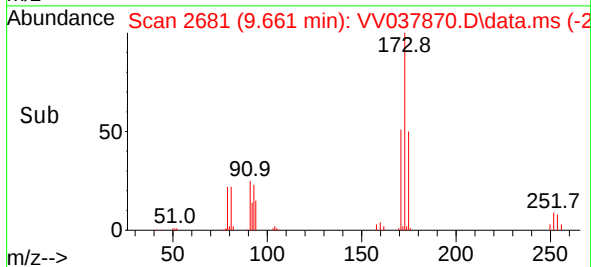
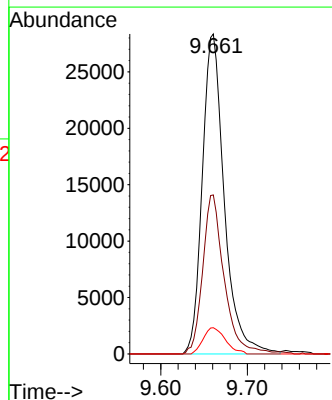
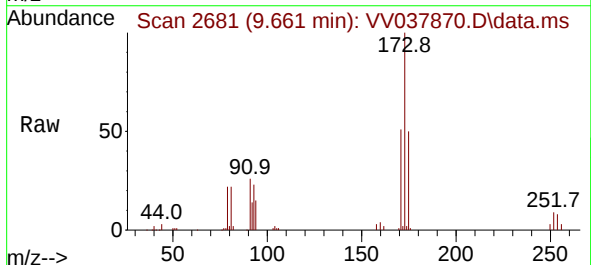
Instrument :
MSVOA_V
ClientSampleId :

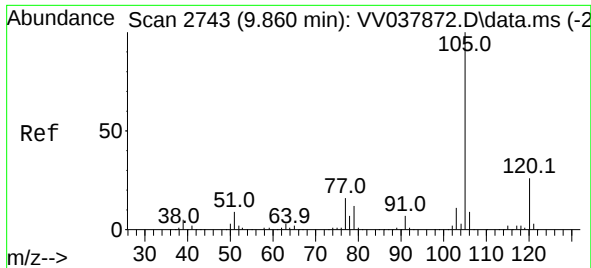
Tgt Ion: 83 Resp: 95488
Ion Ratio Lower Upper
83 100
85 65.6 44.3 82.3
131 9.2 7.8 11.8



#59
Bromoform
Concen: 5.246 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV037870.D
Acq: 16 Oct 2024 10:14

Tgt Ion: 173 Resp: 49980
Ion Ratio Lower Upper
173 100
175 48.4 40.3 60.5
254 8.3 7.3 10.9

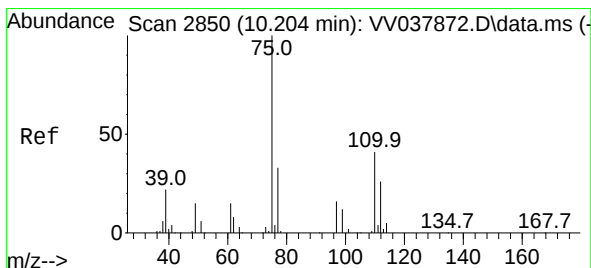
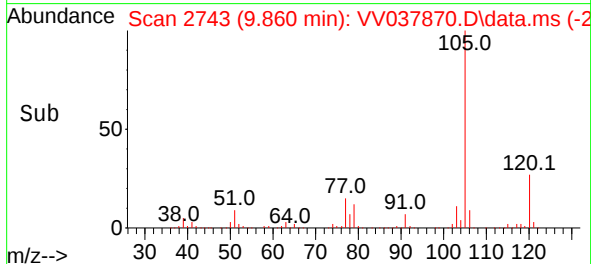
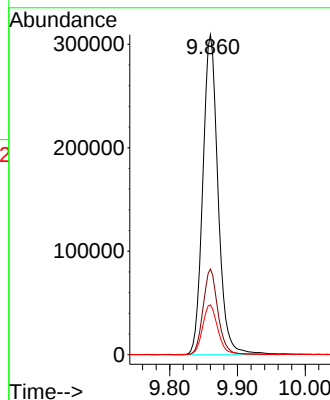
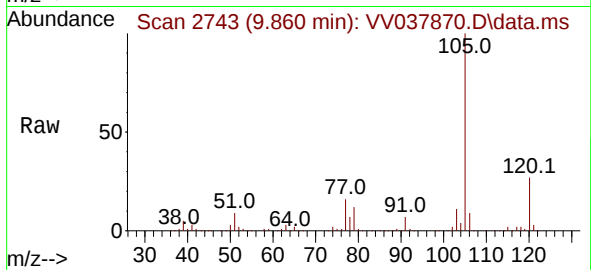




#60
Isopropylbenzene
Concen: 4.821 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037870.D
Acq: 16 Oct 2024 10:14

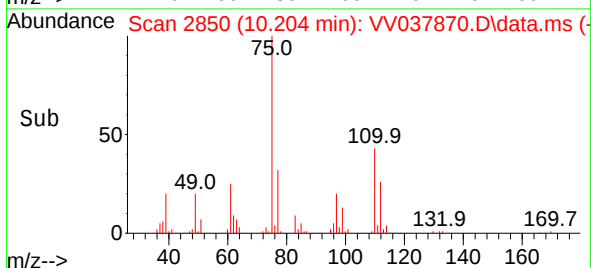
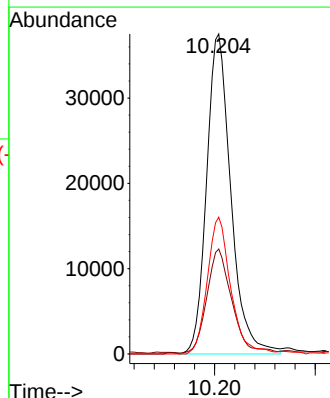
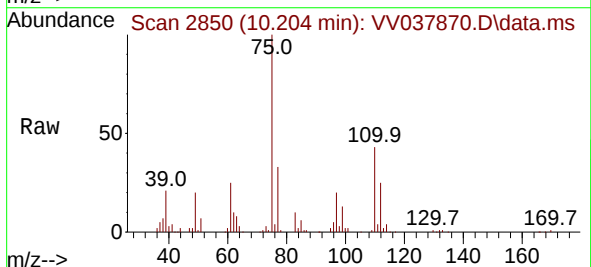
Instrument :
MSVOA_V
ClientSampleId :

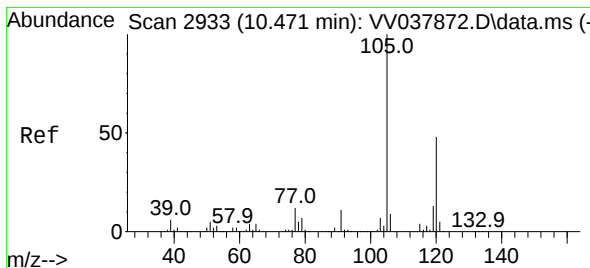
Tgt Ion:105 Resp: 483448
Ion Ratio Lower Upper
105 100
120 26.2 21.2 31.8
77 15.6 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 4.076 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV037870.D
Acq: 16 Oct 2024 10:14

Tgt Ion: 75 Resp: 62870
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.2
110 41.2 31.8 47.8

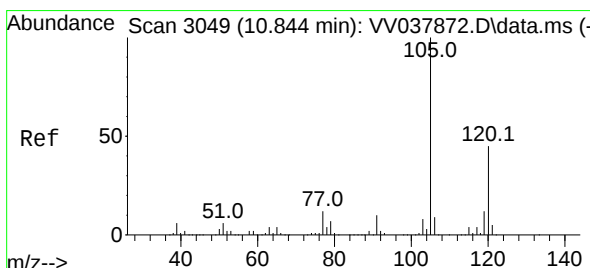
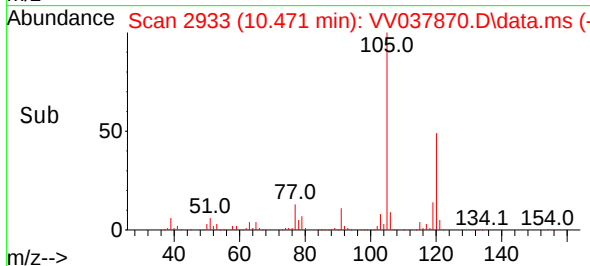
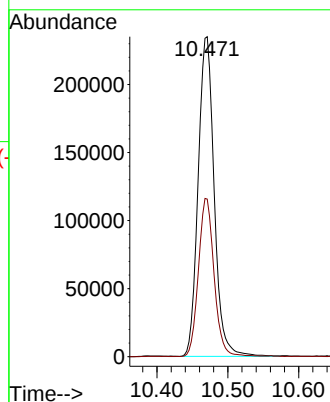
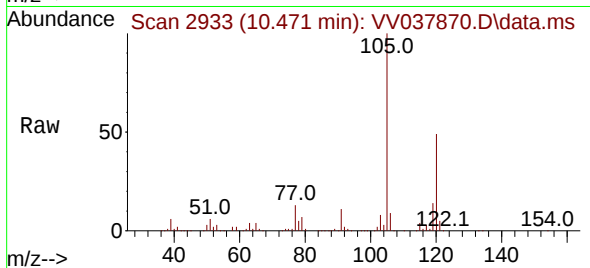




#62
 1,3,5-Trimethylbenzene
 Concen: 4.565 ug/L
 RT: 10.471 min Scan# 2933
 Delta R.T. 0.000 min
 Lab File: VV037870.D
 Acq: 16 Oct 2024 10:14

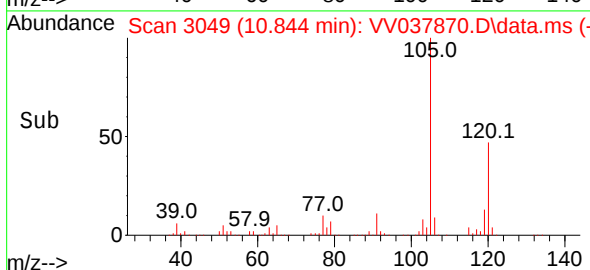
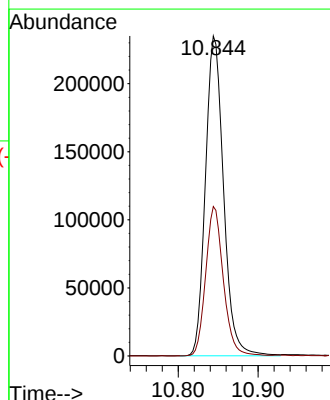
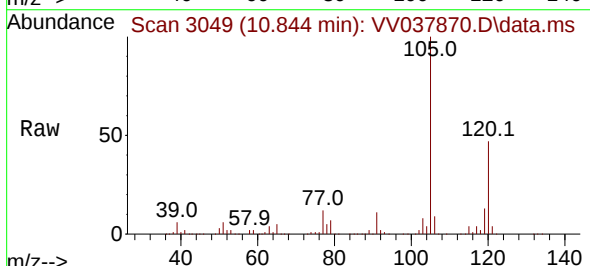
Instrument :
 MSVOA_V
 ClientSampleId :

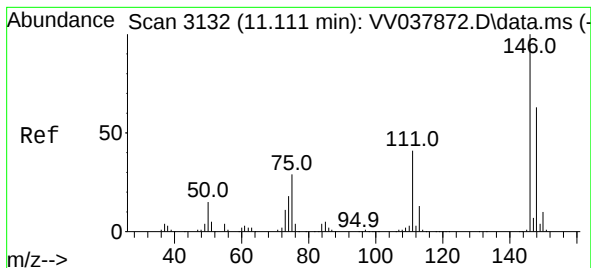
Tgt Ion:105 Resp: 369322
 Ion Ratio Lower Upper
 105 100
 120 48.3 39.0 58.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.646 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. 0.000 min
 Lab File: VV037870.D
 Acq: 16 Oct 2024 10:14

Tgt Ion:105 Resp: 370833
 Ion Ratio Lower Upper
 105 100
 120 45.6 36.5 54.7





#64

1,3-Dichlorobenzene

Concen: 4.863 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

Instrument :

MSVOA_V

ClientSampleId :

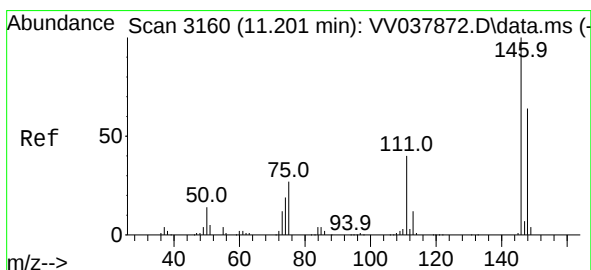
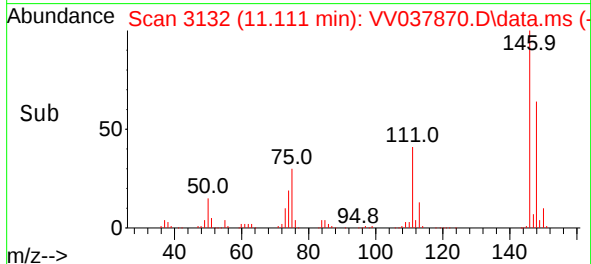
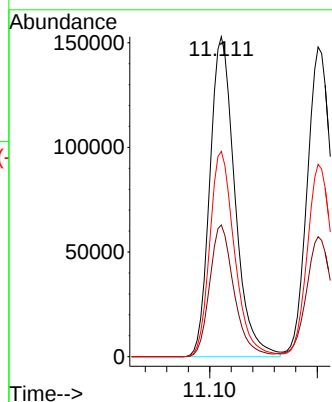
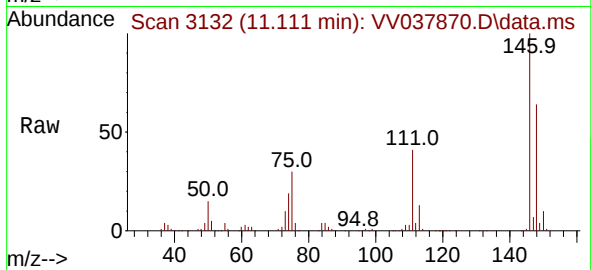
Tgt Ion:146 Resp: 247019

Ion Ratio Lower Upper

146 100

111 41.2 28.6 53.0

148 64.2 44.1 81.9



#65

1,4-Dichlorobenzene

Concen: 4.648 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

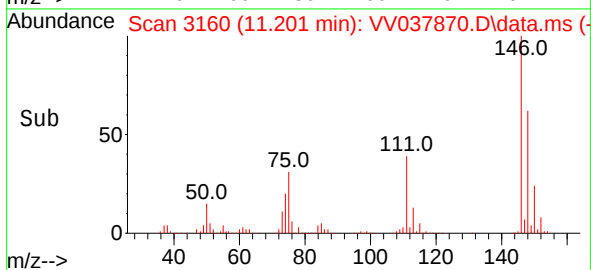
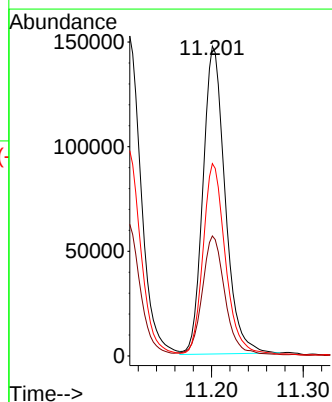
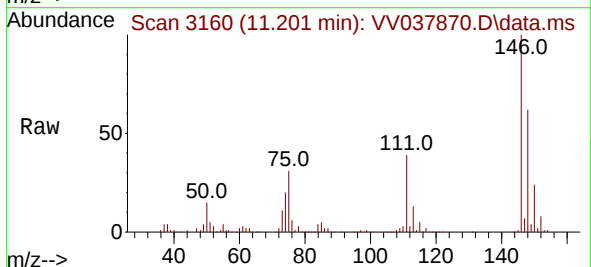
Tgt Ion:146 Resp: 247419

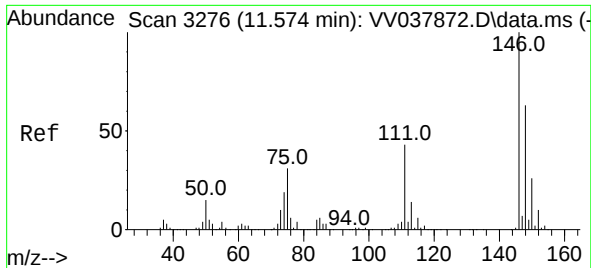
Ion Ratio Lower Upper

146 100

111 38.7 28.1 52.1

148 62.1 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 4.761 ug/L

RT: 11.571 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

Instrument :

MSVOA_V

ClientSampleId :

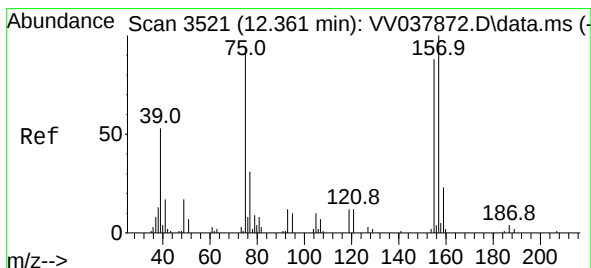
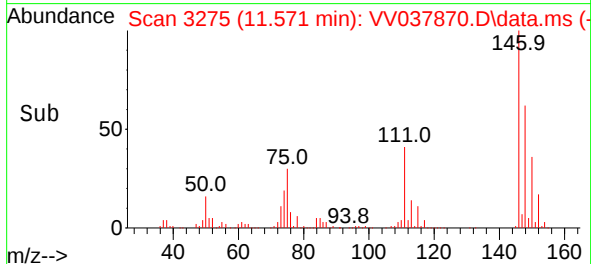
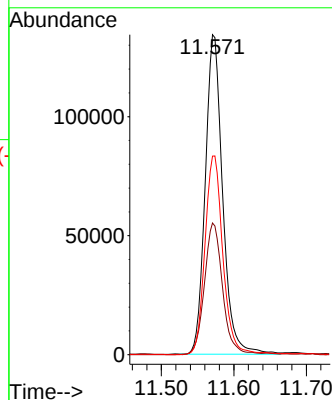
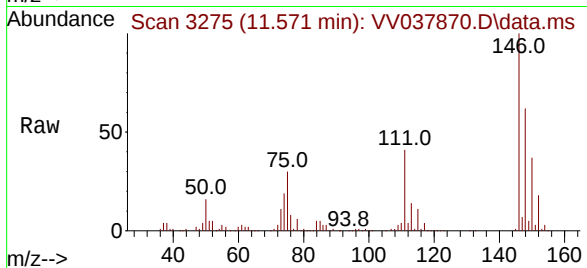
Tgt Ion:146 Resp: 224233

Ion Ratio Lower Upper

146 100

111 41.2 34.6 51.8

148 62.1 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.008 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

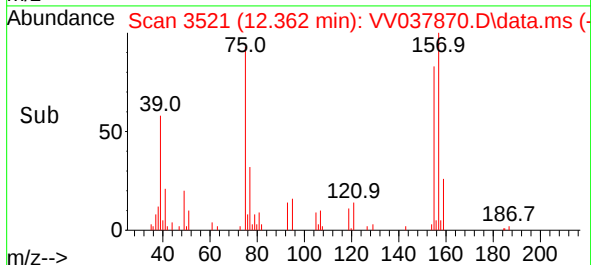
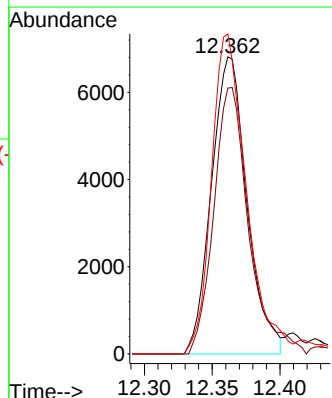
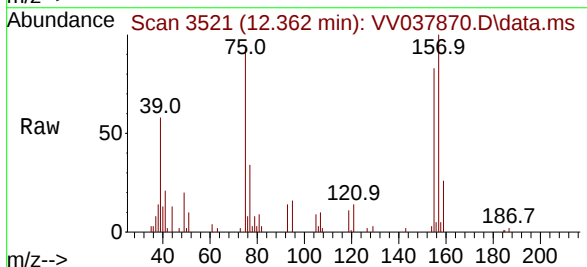
Tgt Ion: 75 Resp: 12408

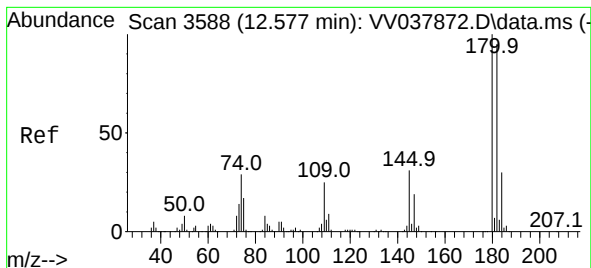
Ion Ratio Lower Upper

75 100

155 89.5 74.8 112.2

157 107.7 85.2 127.8





#69

1,3,5-Trichlorobenzene

Concen: 4.416 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.003 min

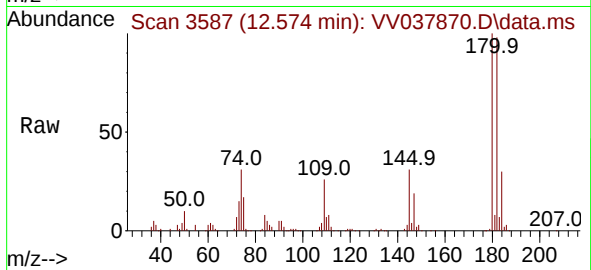
Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 167950

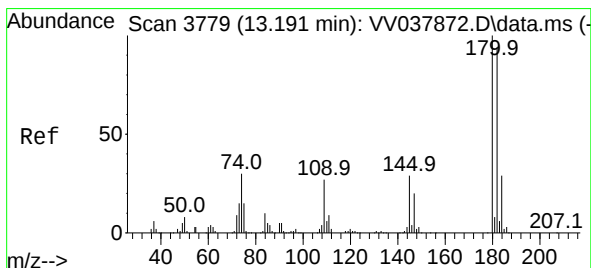
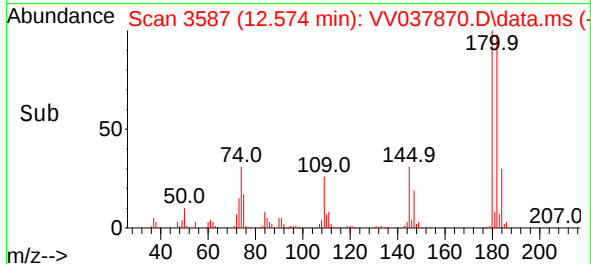
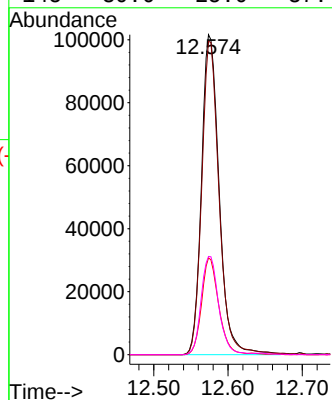
Ion Ratio Lower Upper

180 100

182 96.3 75.1 112.7

184 29.2 24.0 36.0

145 30.6 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 3.930 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

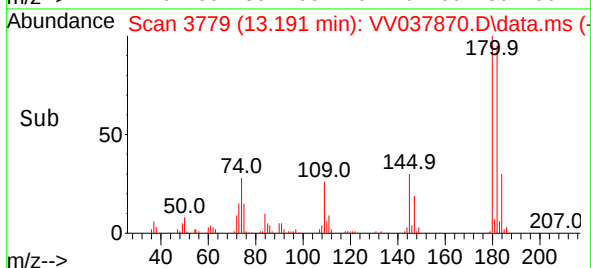
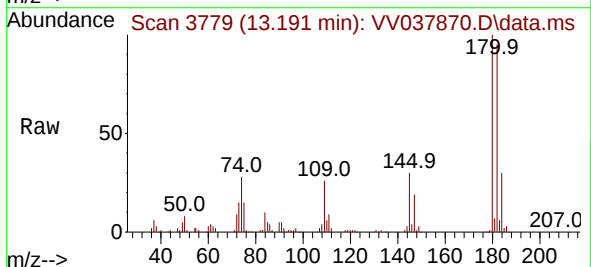
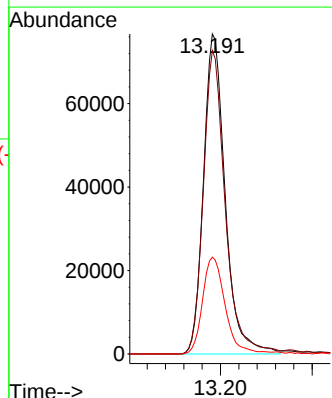
Tgt Ion:180 Resp: 125844

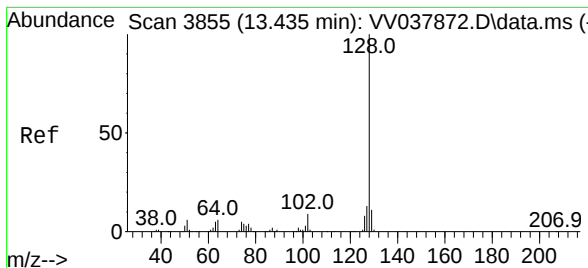
Ion Ratio Lower Upper

180 100

182 95.6 74.6 112.0

145 31.5 24.2 36.2





#71

Naphthalene

Concen: 3.063 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

Instrument :

MSVOA_V

ClientSampleId :

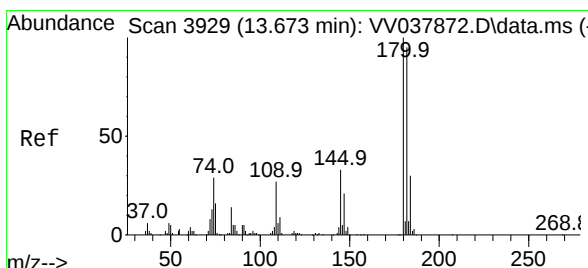
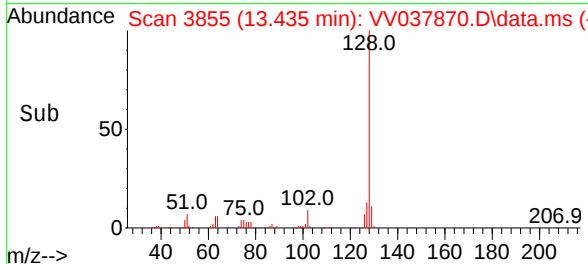
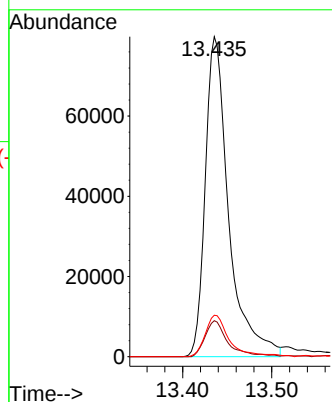
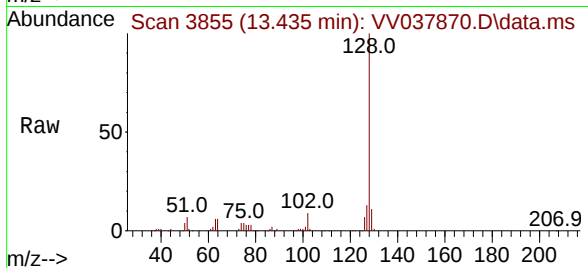
Tgt Ion:128 Resp: 146093

Ion Ratio Lower Upper

128 100

129 11.0 8.4 12.6

127 13.3 9.7 14.5



#72

1,2,3-Trichlorobenzene

Concen: 3.824 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037870.D

Acq: 16 Oct 2024 10:14

Tgt Ion:180 Resp: 107888

Ion Ratio Lower Upper

180 100

182 94.4 77.0 115.6

145 32.5 27.3 40.9

