

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
 Data File : VV037872.D
 Acq On : 16 Oct 2024 11:02
 Operator : SY/MD
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 17 01:57:08 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	319174	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	327606	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	177880	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	104270	3.746	ug/L	0.00
7) Chloroethane-d5	1.532	69	95351	4.285	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	49089	4.064	ug/L	0.00
20) 2-Butanone-d5	3.815	46	245593	49.241	ug/L	0.00
24) Chloroform-d	4.243	84	229559	4.984	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.940	65	106541	4.894	ug/L	0.00
32) Benzene-d6	4.953	84	444346	4.893	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	128447	4.582	ug/L	0.00
41) Toluene-d8	7.236	98	418735	5.126	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	48673	4.836	ug/L	0.00
46) 2-Hexanone-d5	8.024	63	223199	52.430	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	109559	5.001	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	152877	4.893	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	155033	5.134	ug/L	100
3) Chloromethane	1.217	50	150953	4.394	ug/L	100
5) Vinyl chloride	1.281	62	156101	4.610	ug/L	100
6) Bromomethane	1.487	94	95506	4.838	ug/L	100
8) Chloroethane	1.548	64	95857	4.604	ug/L	100
9) Trichlorofluoromethane	1.712	101	207800	5.064	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	119171	4.782	ug/L	100
12) 1,1-Dichloroethene	2.066	96	116361	4.841	ug/L	100
13) Acetone	2.146	43	181675	51.288	ug/L	100
14) Carbon disulfide	2.236	76	393216	5.136	ug/L	100
15) Methyl Acetate	2.391	43	45302	4.941	ug/L	100
16) Methylene chloride	2.442	84	134866	4.470	ug/L	100
17) Methyl tert-butyl Ether	2.703	73	270633	4.962	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	129736	5.213	ug/L	100
19) 1,1-Dichloroethane	3.108	63	231297	4.741	ug/L	100
21) 2-Butanone	3.892	43	273092	48.173	ug/L	100
22) cis-1,2-Dichloroethene	3.809	96	133909	5.213	ug/L	100
23) Bromochloromethane	4.143	128	62041	5.325	ug/L	100
25) Chloroform	4.268	83	240174	4.984	ug/L	100
27) 1,2-Dichloroethane	5.040	62	137735	4.902	ug/L	100
29) 1,1,1-Trichloroethane	4.503	97	204320	5.007	ug/L	100
30) Cyclohexane	4.574	56	174956	4.608	ug/L	100
31) Carbon tetrachloride	4.728	117	179655	5.116	ug/L	100
33) Benzene	5.005	78	512700	5.041	ug/L	100
34) Trichloroethene	5.828	95	136154	5.082	ug/L	100
35) Methylcyclohexane	6.040	83	190158	4.790	ug/L	100
37) 1,2-Dichloropropane	6.088	63	124944	4.732	ug/L	100
38) Bromodichloromethane	6.426	83	164042	5.027	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	180427	5.067	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	699023	50.056	ug/L	100
42) Toluene	7.310	91	548897	5.209	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	152291	5.257	ug/L	100

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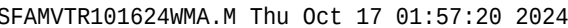
Quant Time: Oct 17 01:57:08 2024
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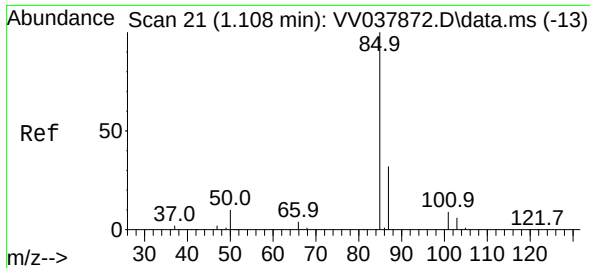
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.763	97	96568	5.162	ug/L	100
47) Tetrachloroethene	7.899	164	104642	4.937	ug/L	100
48) 2-Hexanone	8.072	43	507167	49.281	ug/L	100
49) Dibromochloromethane	8.169	129	106696	5.399	ug/L	100
50) 1,2-Dibromoethane	8.278	107	92083	5.200	ug/L	100
51) Chlorobenzene	8.808	112	365966	5.272	ug/L	100
52) Ethylbenzene	8.940	91	589359	5.188	ug/L	100
53) m,p-Xylene	9.066	106	226036	5.366	ug/L	100
54) o-Xylene	9.471	106	214583	5.286	ug/L	100
55) Styrene	9.490	104	390136	5.686	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	115271	5.044	ug/L	100
59) Bromoform	9.661	173	56774	5.284	ug/L	100
60) Isopropylbenzene	9.860	105	580483	5.133	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	79325	4.560	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	459146	5.032	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	463988	5.154	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	293570	5.125	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	300232	5.001	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	269616	5.076	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	17388	4.980	ug/L	100
69) 1,3,5-Trichlorobenzene	12.577	180	206984	4.826	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	171376	4.745	ug/L	100
71) Naphthalene	13.435	128	282100	5.245	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	151645	4.766	ug/L	100

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

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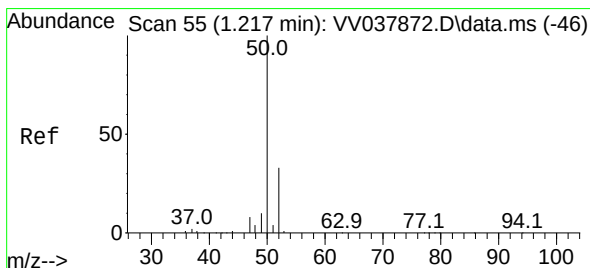
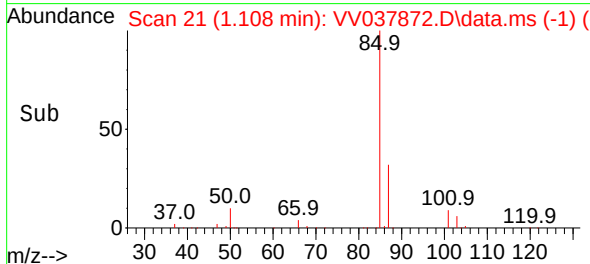
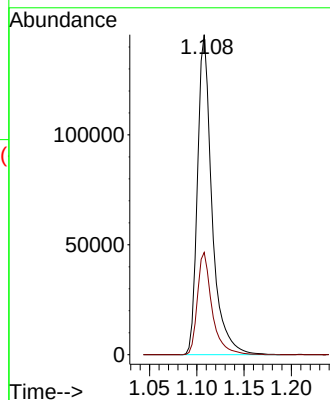
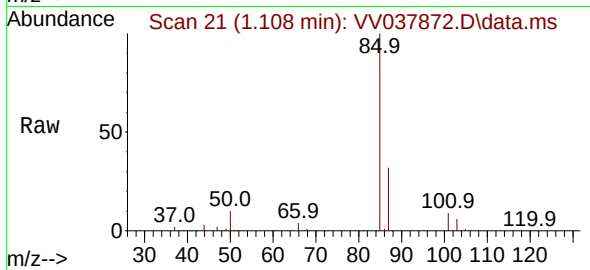




#2
 Dichlorodifluoromethane
 Concen: 5.134 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037872.D
 Acq: 16 Oct 2024 11:02

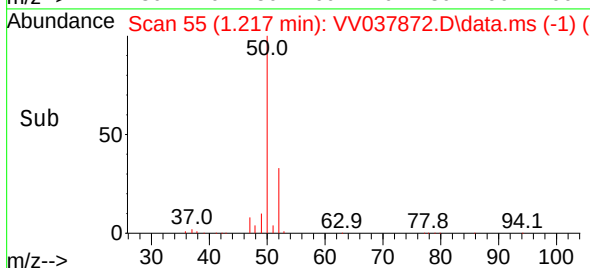
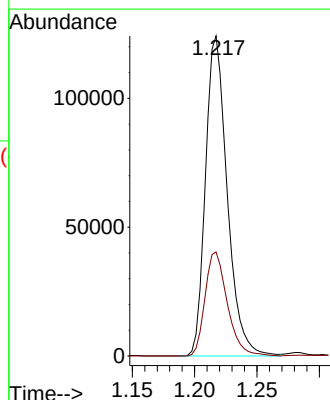
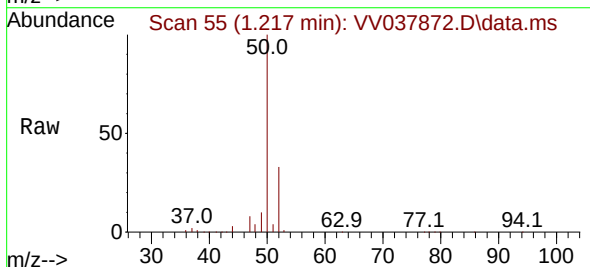
Instrument :
 MSVOA_V
 ClientSampleId :

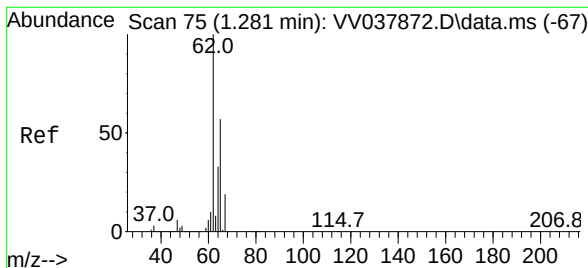
Tgt Ion: 85 Resp: 155033
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.6



#3
 Chloromethane
 Concen: 4.394 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037872.D
 Acq: 16 Oct 2024 11:02

Tgt Ion: 50 Resp: 150953
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.7 42.3

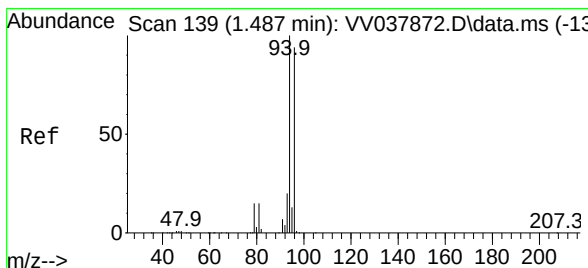
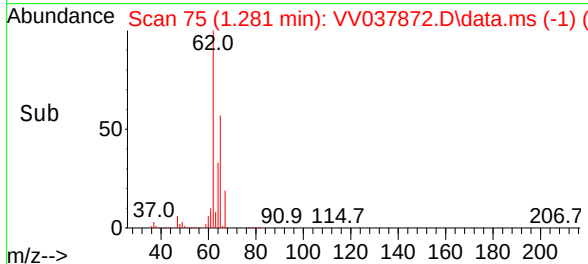
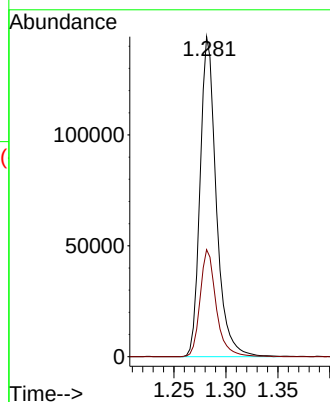
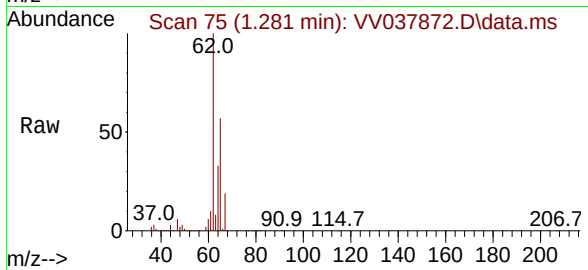




#5
 Vinyl chloride
 Concen: 4.610 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037872.D
 Acq: 16 Oct 2024 11:02

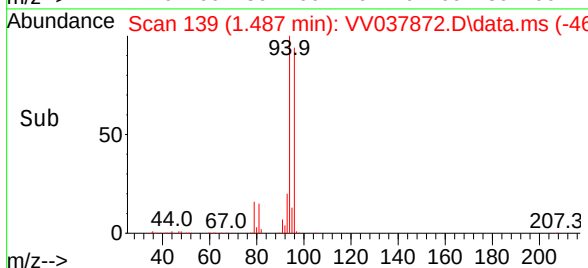
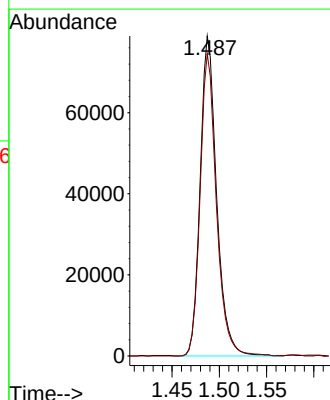
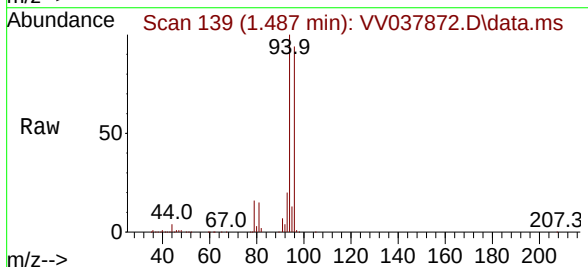
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 MSVOA_V
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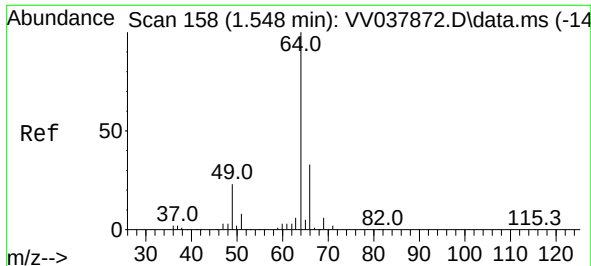
Tgt Ion: 62 Resp: 156101
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.4 43.6



#6
 Bromomethane
 Concen: 4.838 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037872.D
 Acq: 16 Oct 2024 11:02

Tgt Ion: 94 Resp: 95506
 Ion Ratio Lower Upper
 94 100
 96 94.4 66.1 122.7

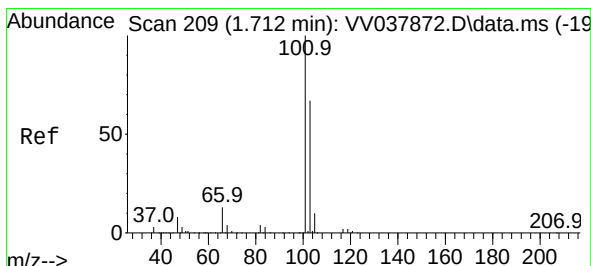
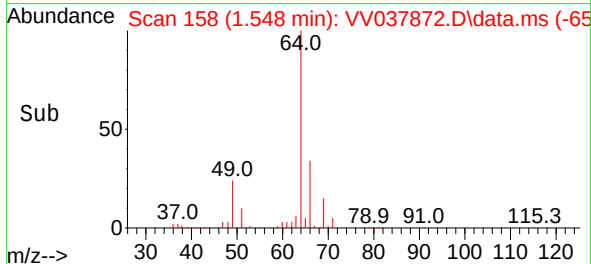
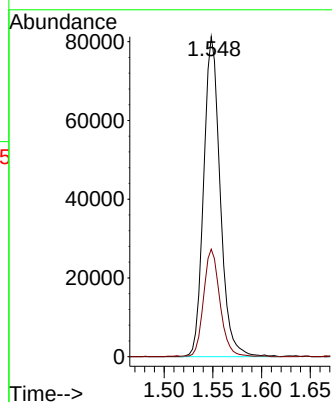
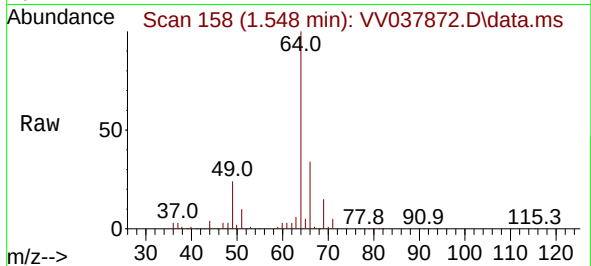




#8
Chloroethane
Concen: 4.604 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

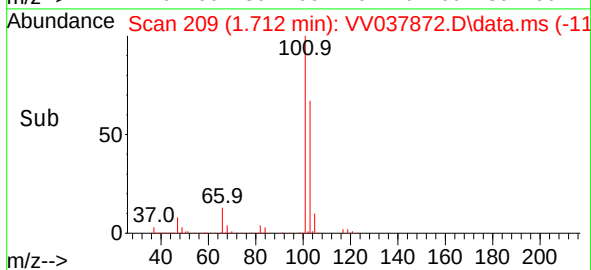
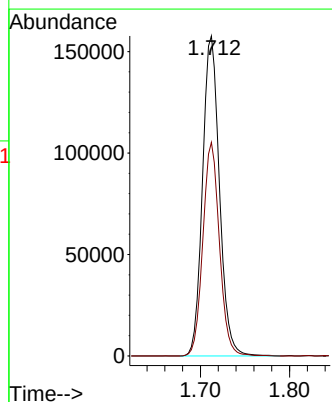
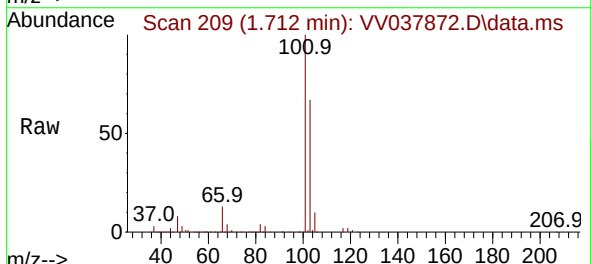
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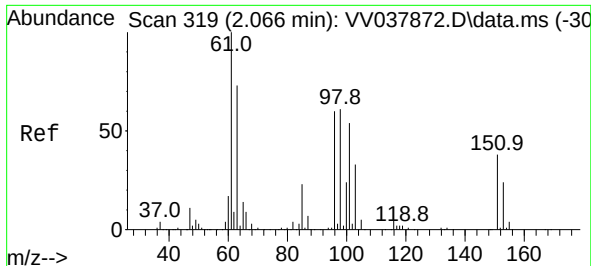
Tgt Ion: 64 Resp: 95857
Ion Ratio Lower Upper
64 100
66 33.6 23.5 43.7



#9
Trichlorofluoromethane
Concen: 5.064 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

Tgt Ion:101 Resp: 207800
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.2

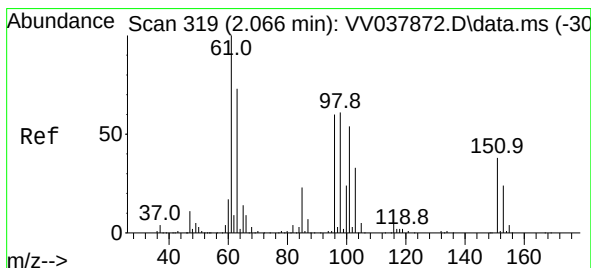
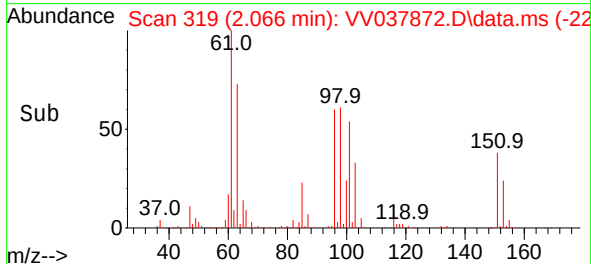
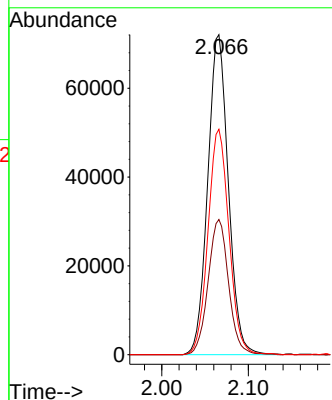
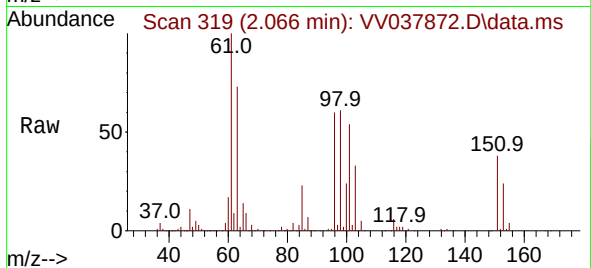




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.782 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

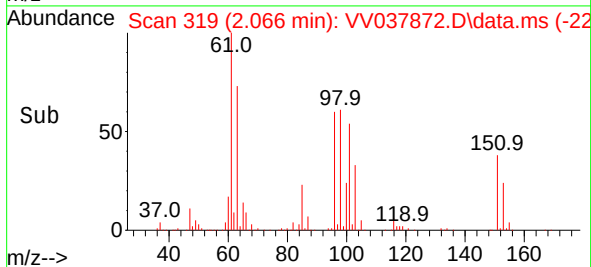
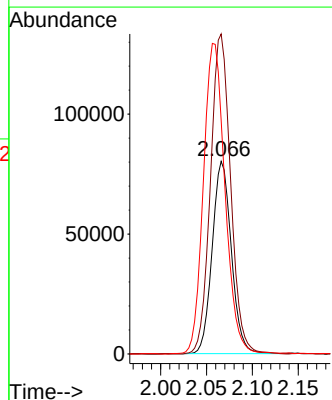
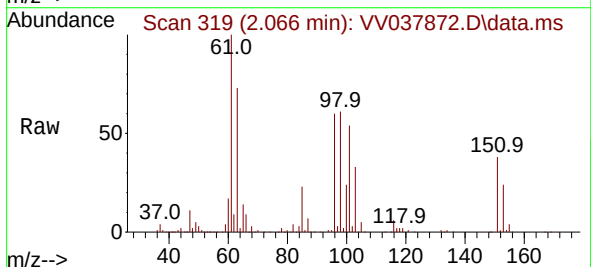
Instrument :
MSVOA_V
ClientSampleId :

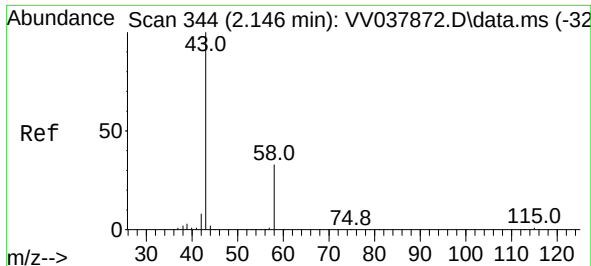
Tgt Ion:101 Resp: 119171
Ion Ratio Lower Upper
101 100
85 42.0 33.6 50.4
151 71.6 57.3 85.9



#12
1,1-Dichloroethene
Concen: 4.841 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

Tgt Ion: 96 Resp: 116361
Ion Ratio Lower Upper
96 100
61 166.1 116.3 215.9
63 121.3 84.9 157.7





#13

Acetone

Concen: 51.288 ug/L

RT: 2.146 min Scan# 344

Delta R.T. 0.000 min

Lab File: VV037872.D

Acq: 16 Oct 2024 11:02

Instrument :

MSVOA_V

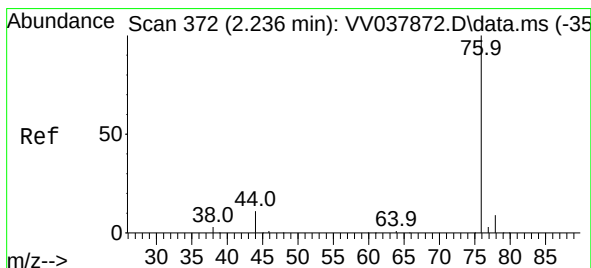
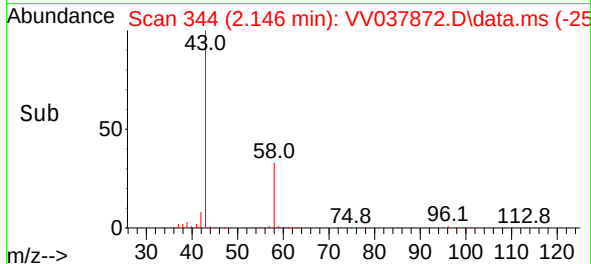
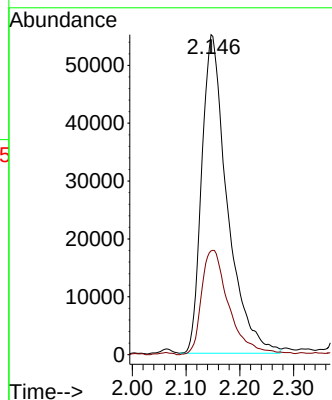
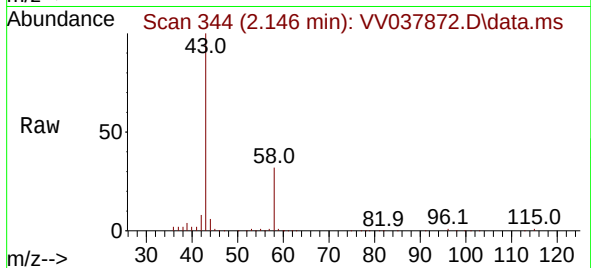
ClientSampleId :

Tgt Ion: 43 Resp: 181675

Ion Ratio Lower Upper

43 100

58 35.3 0.0 70.6



#14

Carbon disulfide

Concen: 5.136 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV037872.D

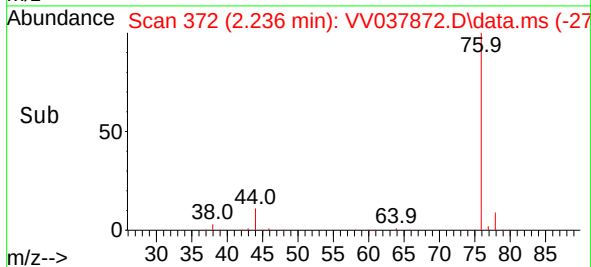
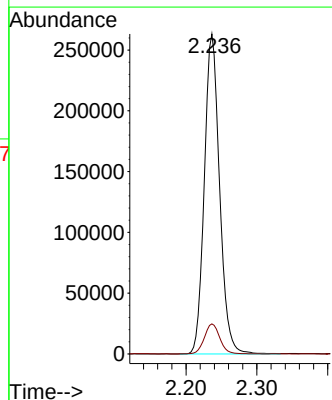
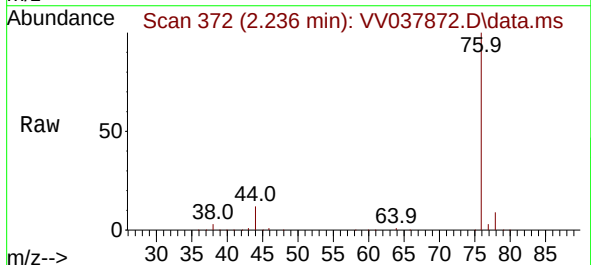
Acq: 16 Oct 2024 11:02

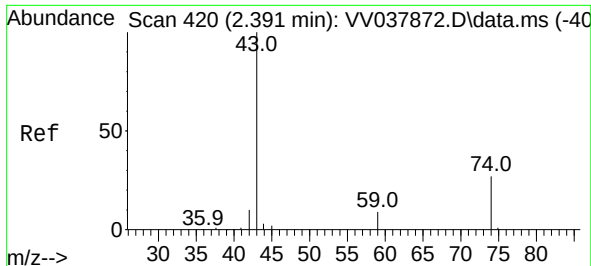
Tgt Ion: 76 Resp: 393216

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





#15

Methyl Acetate

Concen: 4.941 ug/L

RT: 2.391 min Scan# 41

Delta R.T. 0.000 min

Lab File: VV037872.D

Acq: 16 Oct 2024 11:02

Instrument :

MSVOA_V

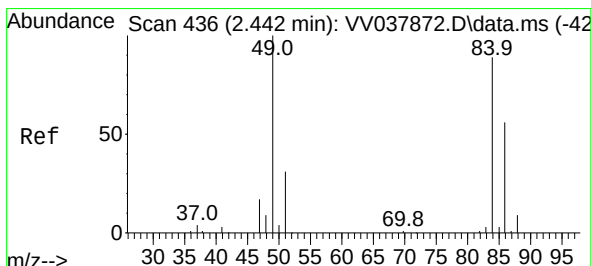
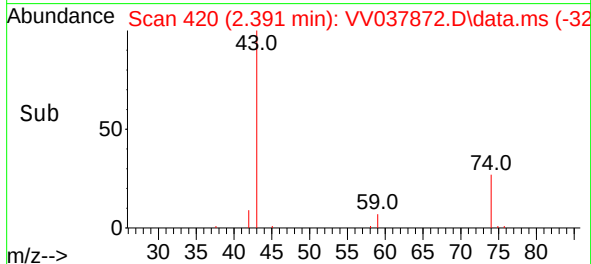
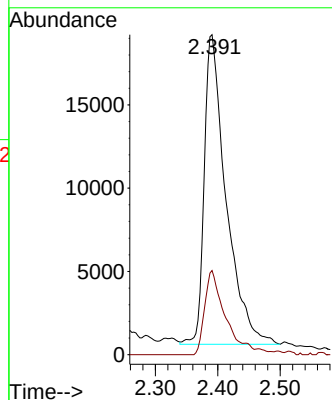
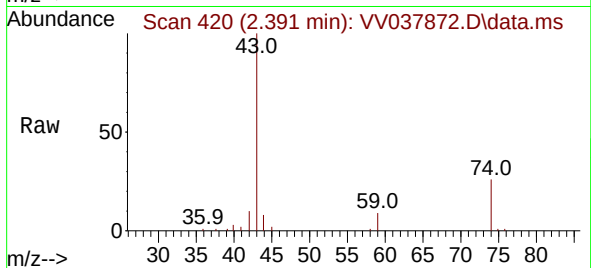
ClientSampleId :

Tgt Ion: 43 Resp: 45302

Ion Ratio Lower Upper

43 100

74 25.5 20.4 30.6



#16

Methylene chloride

Concen: 4.470 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037872.D

Acq: 16 Oct 2024 11:02

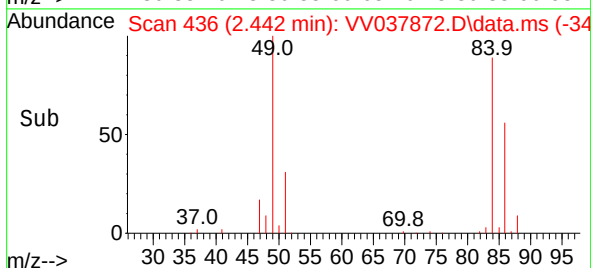
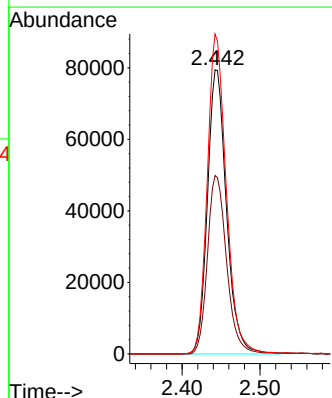
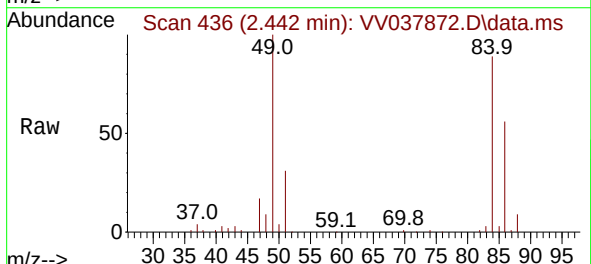
Tgt Ion: 84 Resp: 134866

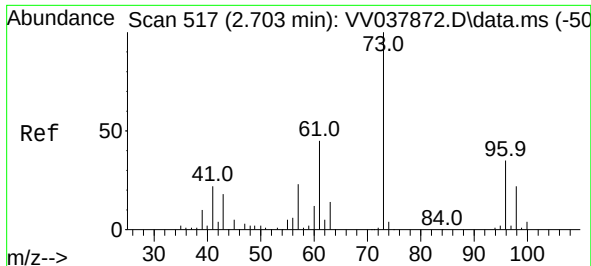
Ion Ratio Lower Upper

84 100

86 62.8 44.0 81.6

49 112.6 78.8 146.4

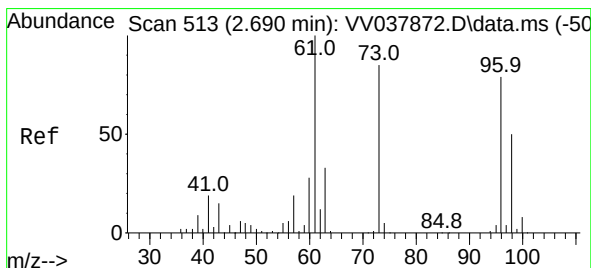
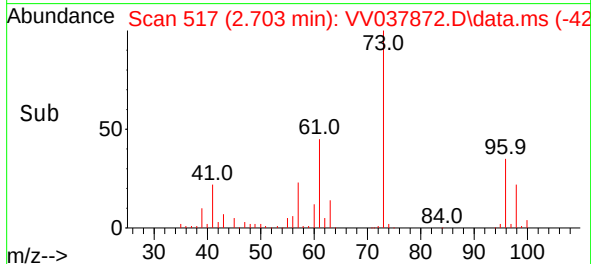
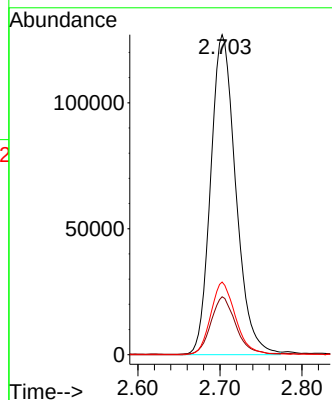
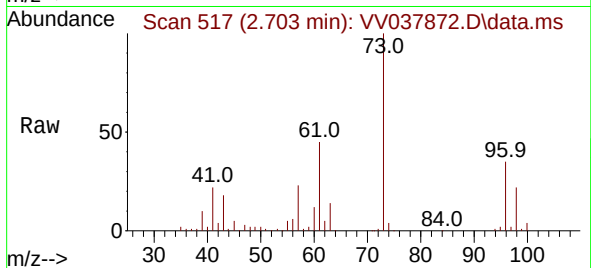




#17
Methyl tert-butyl Ether
Concen: 4.962 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

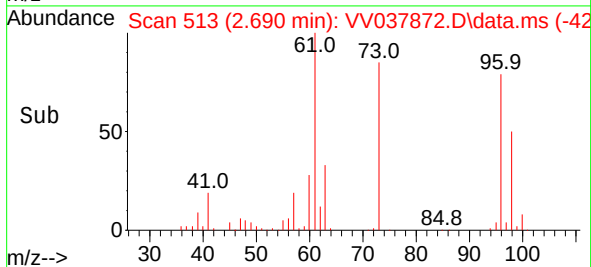
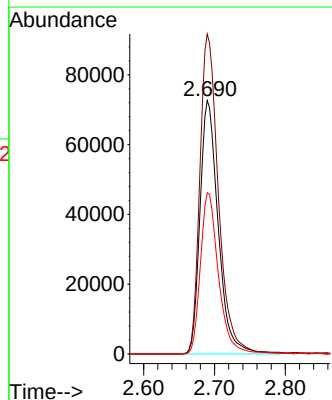
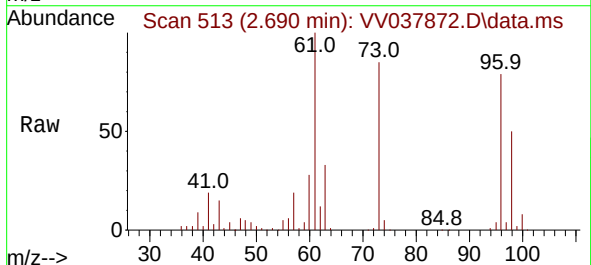
Instrument :
MSVOA_V
ClientSampleId :

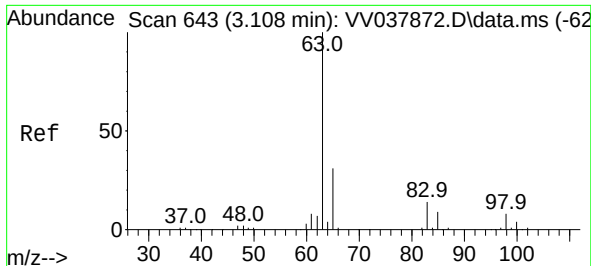
Tgt Ion: 73 Resp: 270633
Ion Ratio Lower Upper
73 100
43 17.7 14.2 21.2
57 22.4 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 5.213 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

Tgt Ion: 96 Resp: 129736
Ion Ratio Lower Upper
96 100
61 126.3 88.4 164.2
98 63.7 44.6 82.8

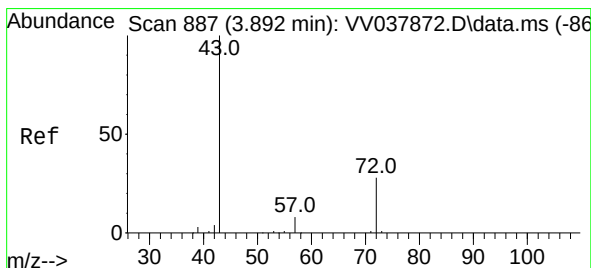
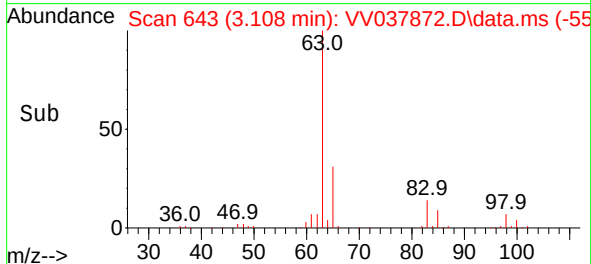
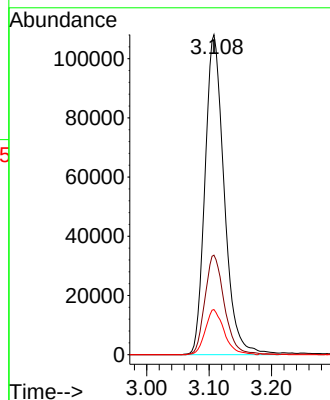
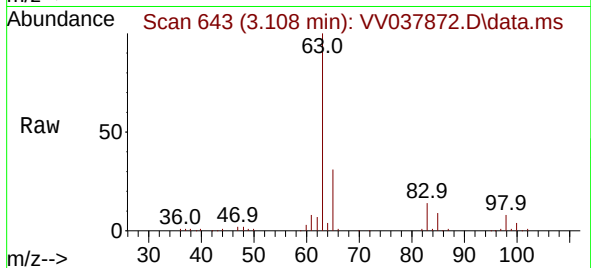




#19
1,1-Dichloroethane
Concen: 4.741 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

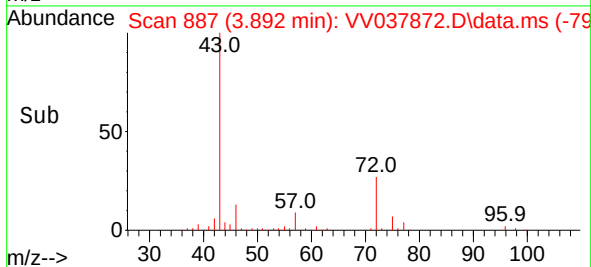
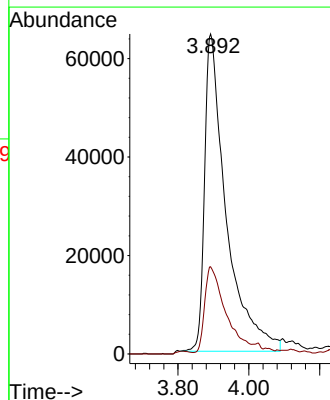
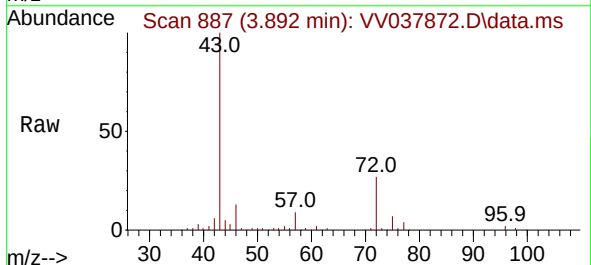
Instrument :
MSVOA_V
ClientSampleId :

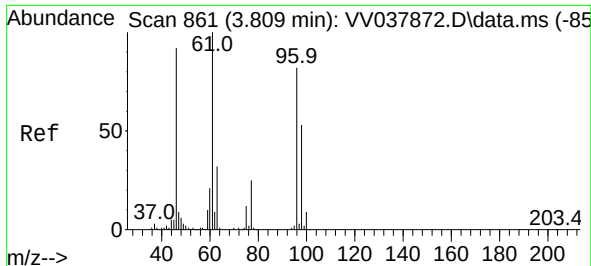
Tgt Ion: 63 Resp: 231297
Ion Ratio Lower Upper
63 100
65 31.1 21.8 40.4
83 14.1 9.9 18.3



#21
2-Butanone
Concen: 48.173 ug/L
RT: 3.892 min Scan# 887
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

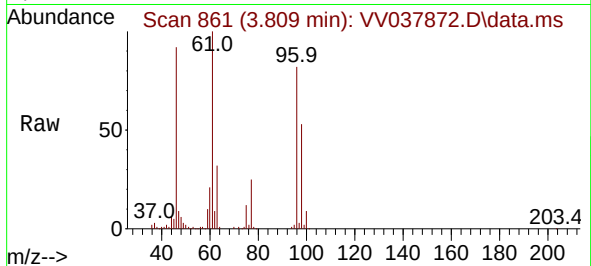
Tgt Ion: 43 Resp: 273092
Ion Ratio Lower Upper
43 100
72 25.9 13.0 38.9





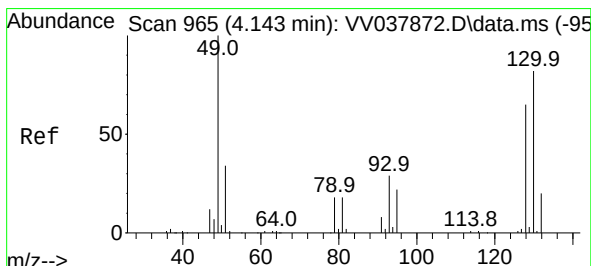
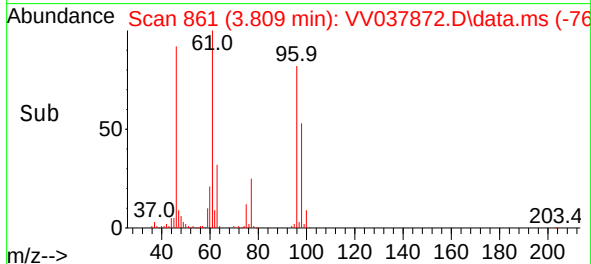
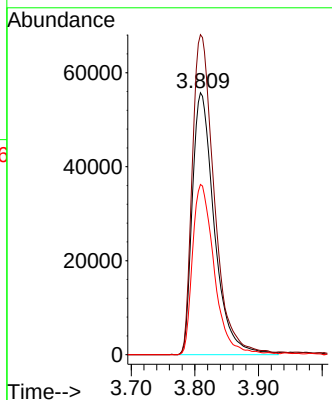
#22
 cis-1,2-Dichloroethene
 Concen: 5.213 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. 0.000 min
 Lab File: VV037872.D
 Acq: 16 Oct 2024 11:02

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 133909

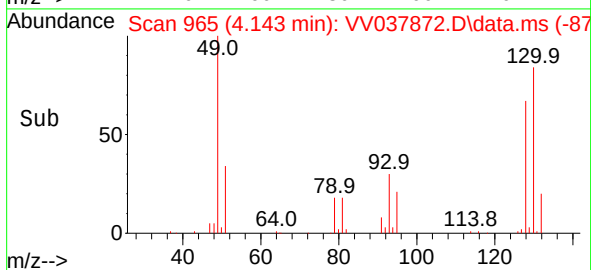
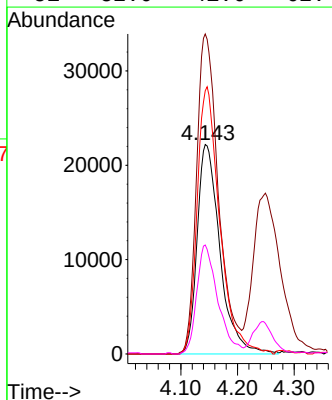
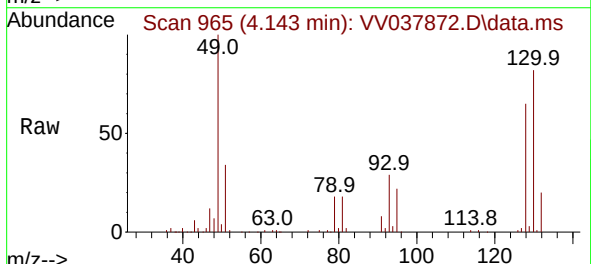
Ion	Ratio	Lower	Upper
96	100		
61	122.2	85.5	158.9
98	65.0	45.5	84.5

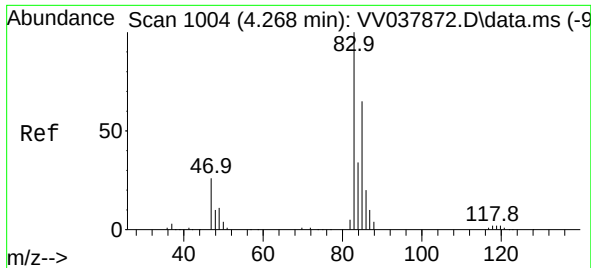


#23
 Bromochloromethane
 Concen: 5.325 ug/L
 RT: 4.143 min Scan# 965
 Delta R.T. 0.000 min
 Lab File: VV037872.D
 Acq: 16 Oct 2024 11:02

Tgt Ion: 128 Resp: 62041

Ion	Ratio	Lower	Upper
128	100		
49	152.8	107.0	198.6
130	125.7	88.0	163.4
51	52.0	41.6	62.4

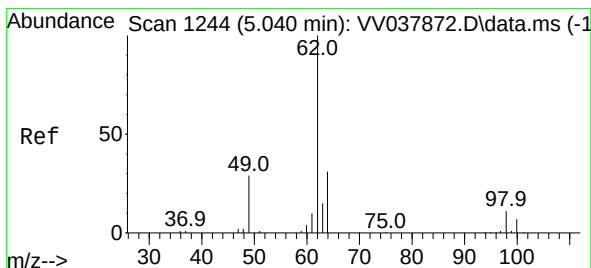
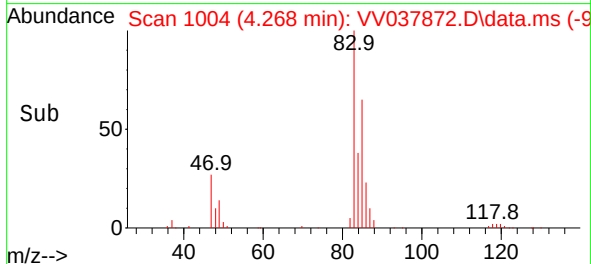
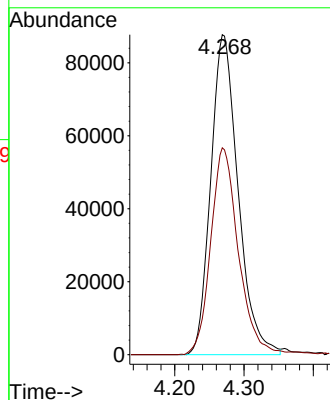
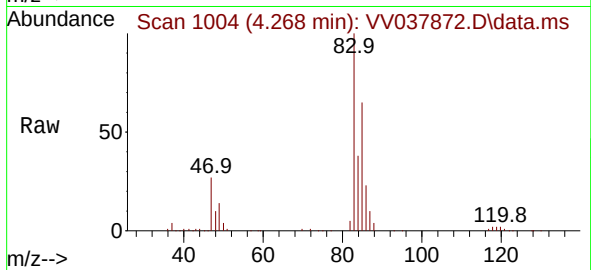




#25
Chloroform
Concen: 4.984 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

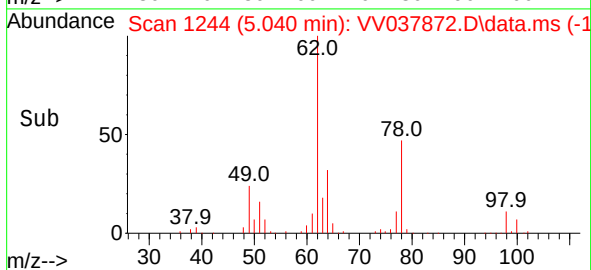
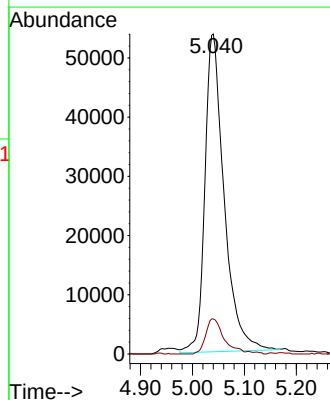
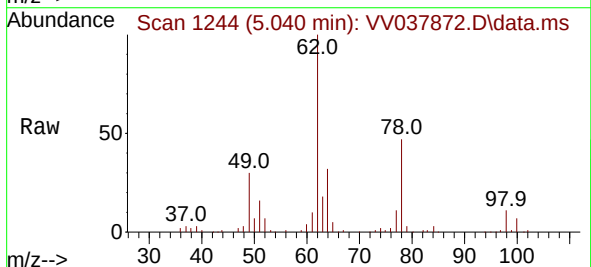
Instrument :
MSVOA_V
ClientSampleId :

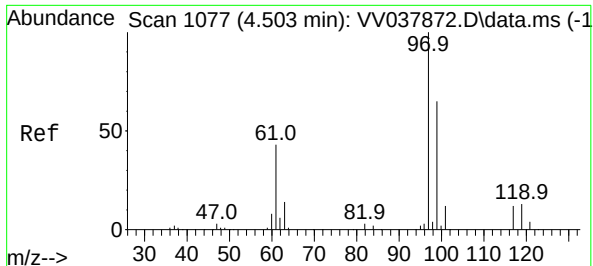
Tgt Ion: 83 Resp: 240174
Ion Ratio Lower Upper
83 100
85 64.7 45.3 84.1



#27
1,2-Dichloroethane
Concen: 4.902 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

Tgt Ion: 62 Resp: 137735
Ion Ratio Lower Upper
62 100
98 11.0 8.8 13.2

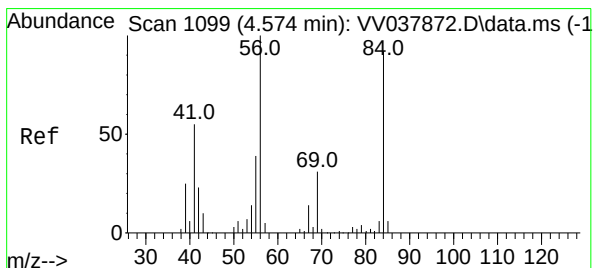
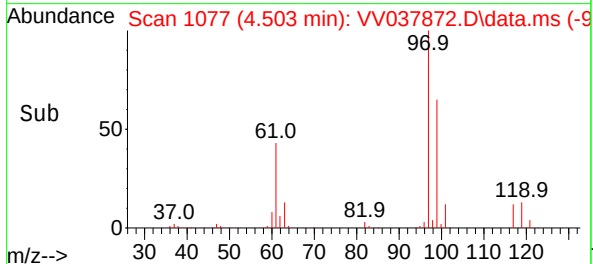
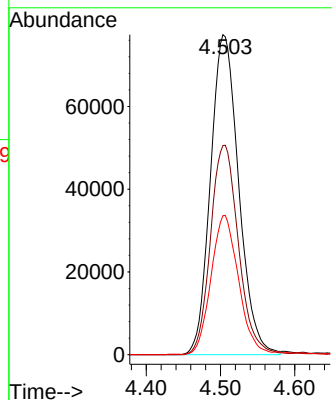
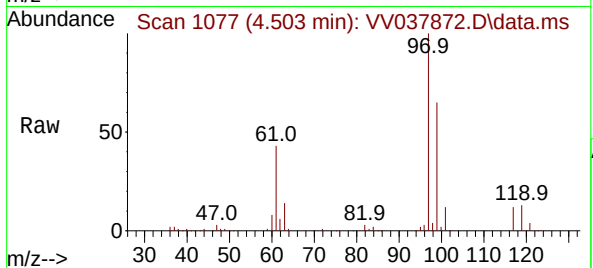




#29
1,1,1-Trichloroethane
Concen: 5.007 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

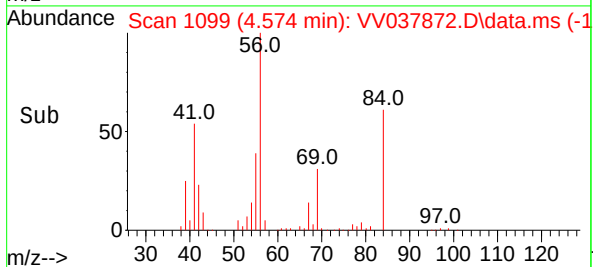
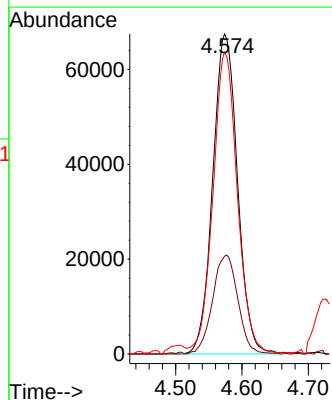
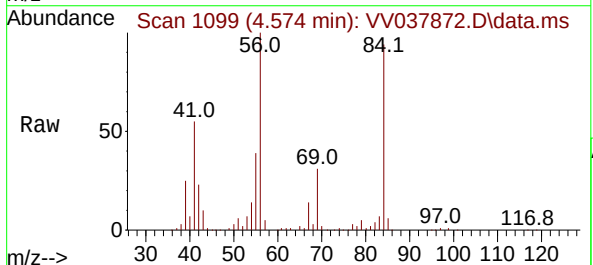
Instrument :
MSVOA_V
ClientSampleId :

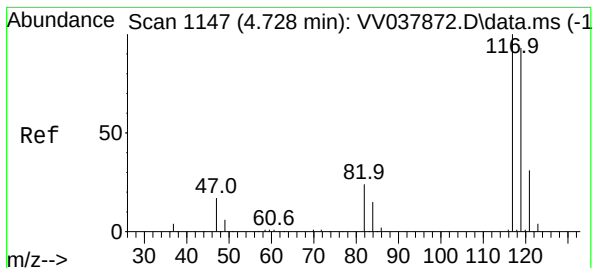
Tgt Ion: 97 Resp: 204320
Ion Ratio Lower Upper
97 100
99 64.9 51.9 77.9
61 42.4 33.9 50.9



#30
Cyclohexane
Concen: 4.608 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

Tgt Ion: 56 Resp: 174956
Ion Ratio Lower Upper
56 100
69 31.6 25.3 37.9
84 92.4 73.9 110.9





#31

Carbon tetrachloride

Concen: 5.116 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VV037872.D

Acq: 16 Oct 2024 11:02

Instrument :

MSVOA_V

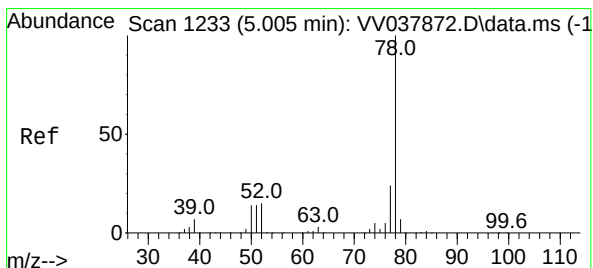
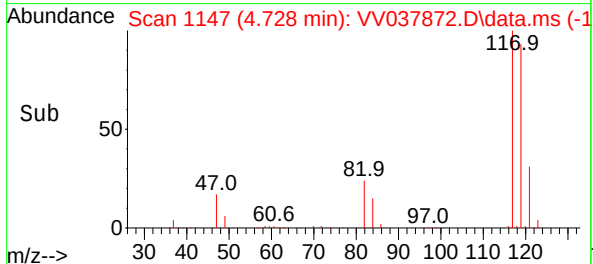
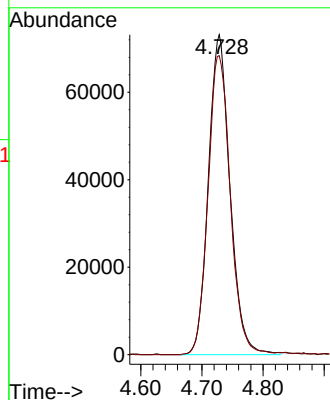
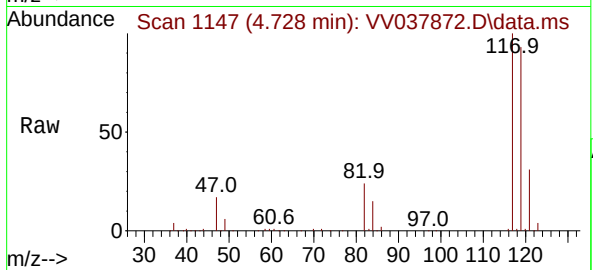
ClientSampleId :

Tgt Ion:117 Resp: 179655

Ion Ratio Lower Upper

117 100

119 96.7 77.4 116.0



#33

Benzene

Concen: 5.041 ug/L

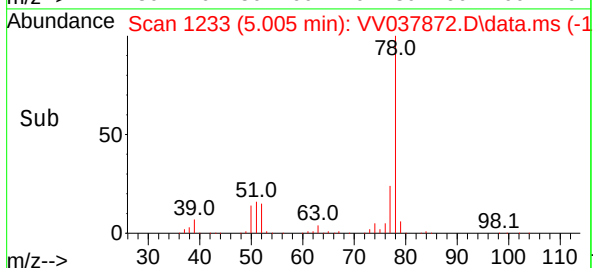
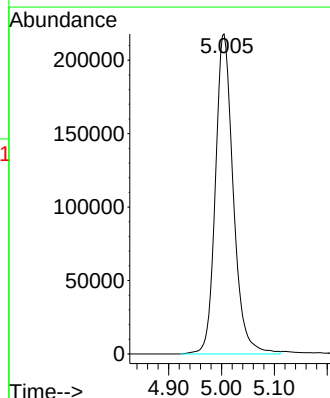
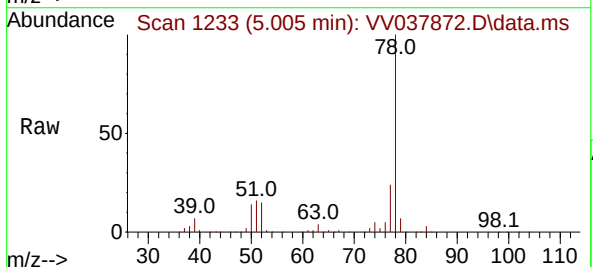
RT: 5.005 min Scan# 1233

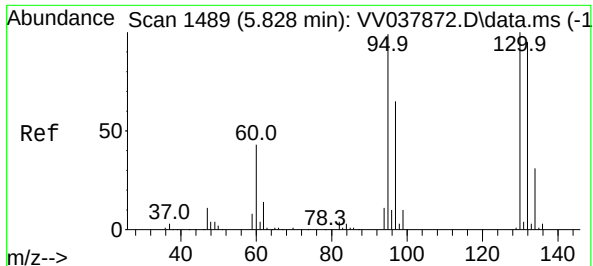
Delta R.T. 0.000 min

Lab File: VV037872.D

Acq: 16 Oct 2024 11:02

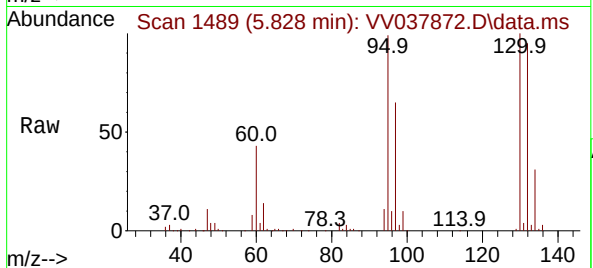
Tgt Ion: 78 Resp: 512700



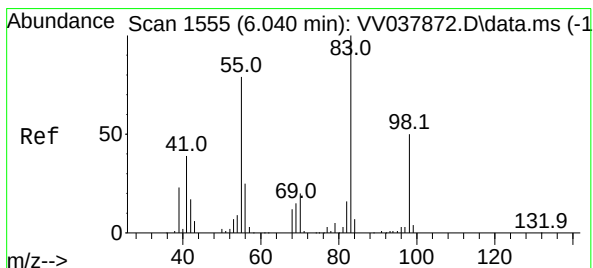
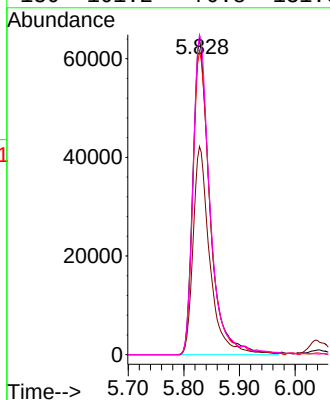
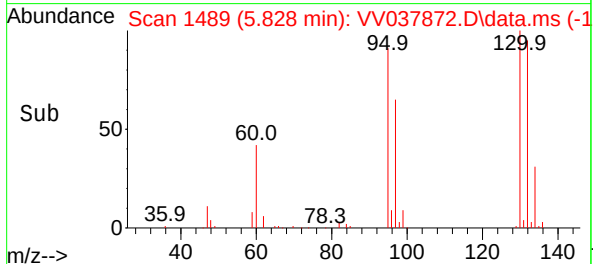


#34
Trichloroethene
Concen: 5.082 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

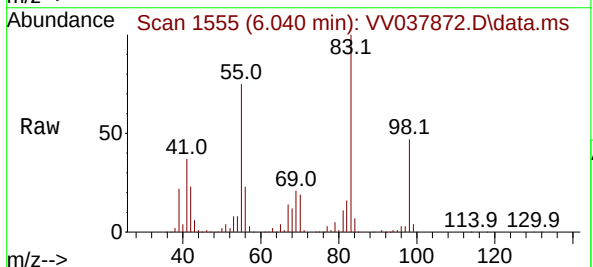
Instrument :
MSVOA_V
ClientSampleId :



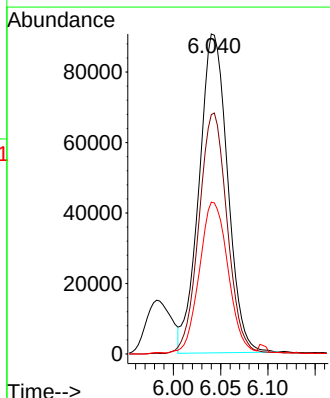
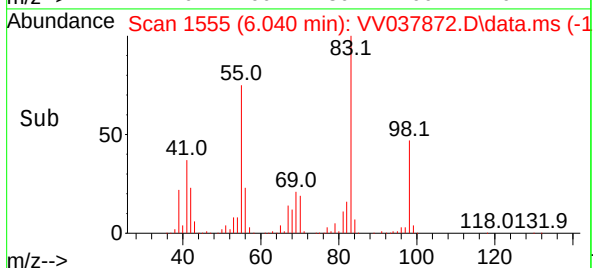
Tgt Ion: 95 Resp: 136154
Ion Ratio Lower Upper
95 100
97 65.8 46.1 85.5
132 96.1 67.3 124.9
130 101.2 70.8 131.6

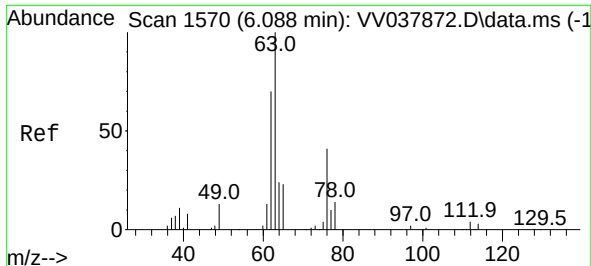


#35
Methylcyclohexane
Concen: 4.790 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02



Tgt Ion: 83 Resp: 190158
Ion Ratio Lower Upper
83 100
55 74.6 59.7 89.5
98 47.2 37.8 56.6

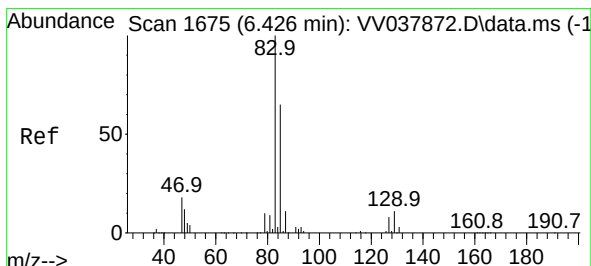
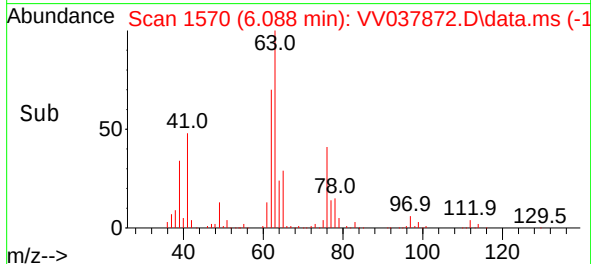
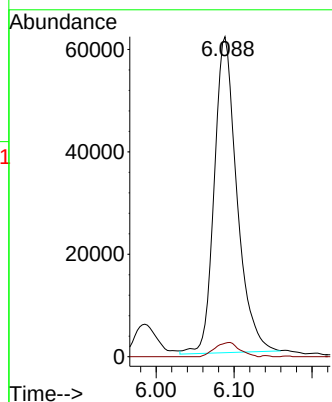
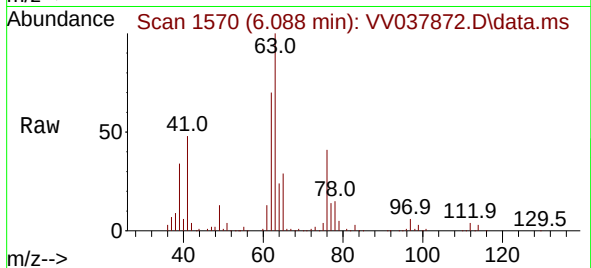




#37
1,2-Dichloropropane
Concen: 4.732 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

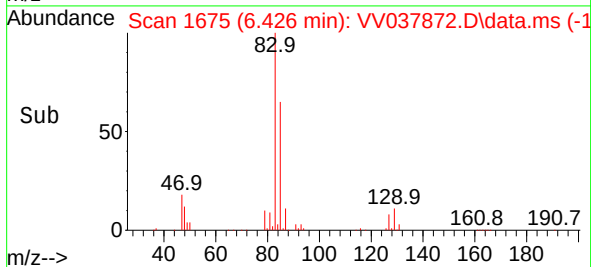
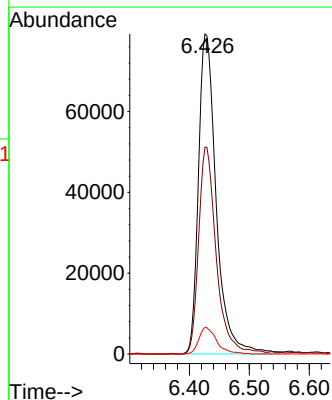
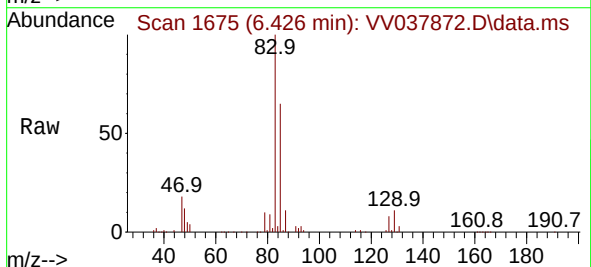
Instrument :
MSVOA_V
ClientSampleId :

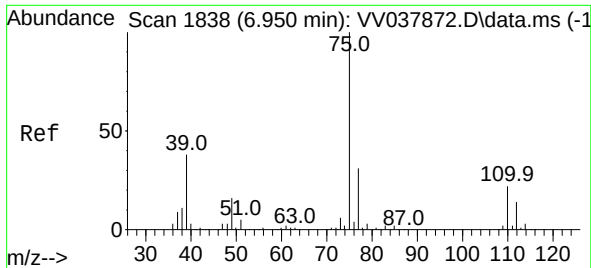
Tgt Ion: 63 Resp: 124944
Ion Ratio Lower Upper
63 100
112 4.9 3.9 5.9



#38
Bromodichloromethane
Concen: 5.027 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

Tgt Ion: 83 Resp: 164042
Ion Ratio Lower Upper
83 100
85 64.7 45.3 84.1
127 8.3 6.6 10.0

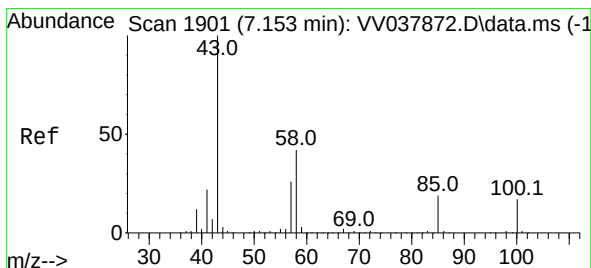
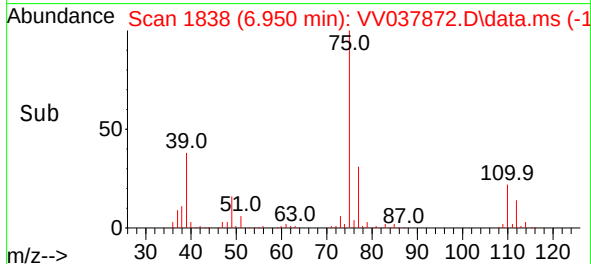
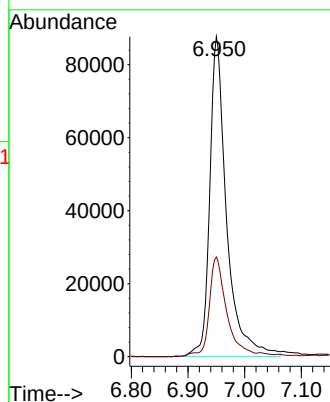
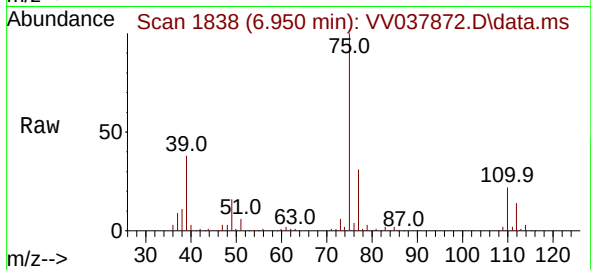




#39
 cis-1,3-Dichloropropene
 Concen: 5.067 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VV037872.D
 Acq: 16 Oct 2024 11:02

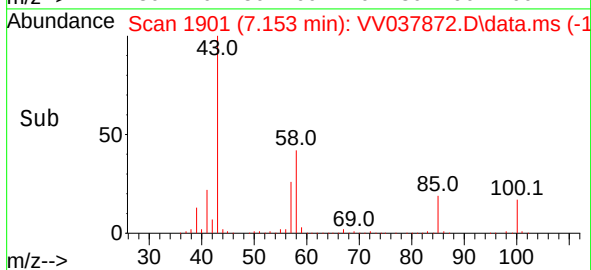
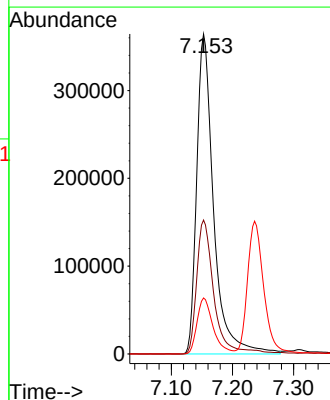
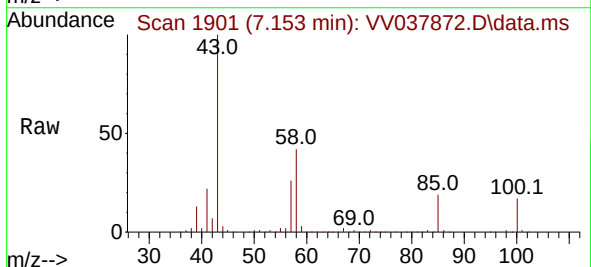
Instrument :
 MSVOA_V
 ClientSampleId :

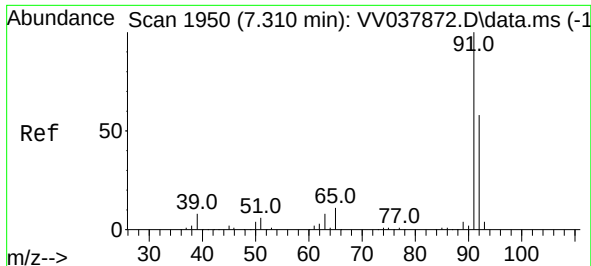
Tgt Ion: 75 Resp: 180427
 Ion Ratio Lower Upper
 75 100
 77 31.2 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 50.056 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VV037872.D
 Acq: 16 Oct 2024 11:02

Tgt Ion: 43 Resp: 699023
 Ion Ratio Lower Upper
 43 100
 58 42.9 34.3 51.5
 100 16.6 13.3 19.9





#42

Toluene

Concen: 5.209 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV037872.D

Acq: 16 Oct 2024 11:02

Instrument :

MSVOA_V

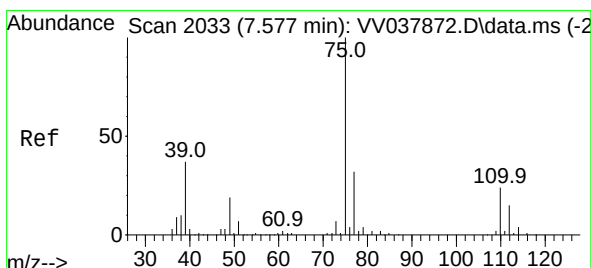
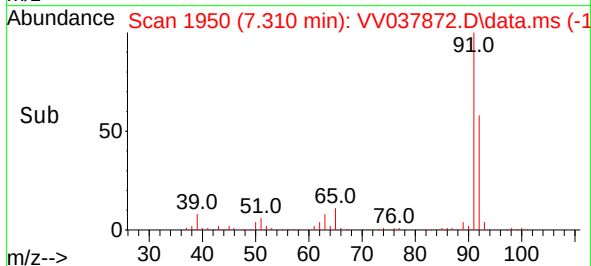
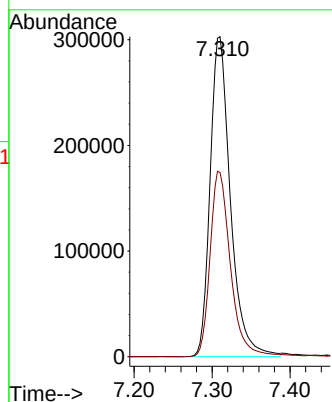
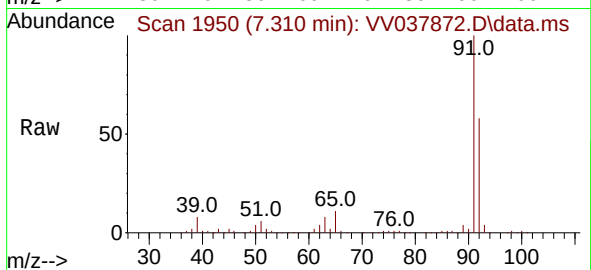
ClientSampleId :

Tgt Ion: 91 Resp: 548897

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.257 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV037872.D

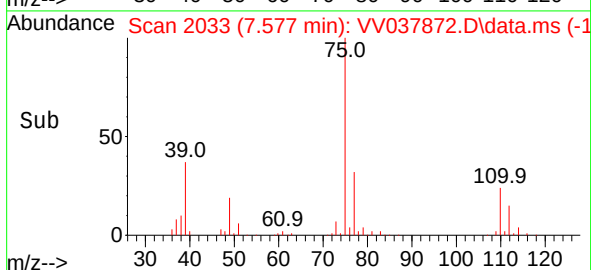
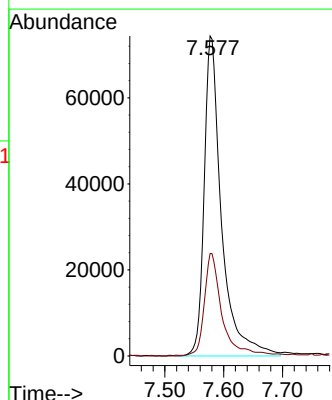
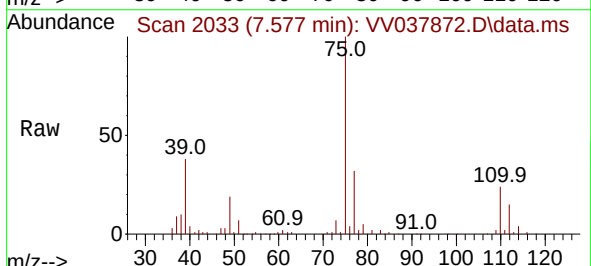
Acq: 16 Oct 2024 11:02

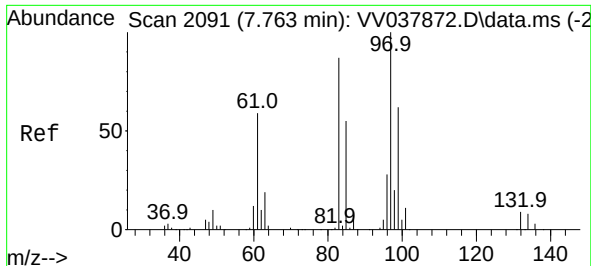
Tgt Ion: 75 Resp: 152291

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6

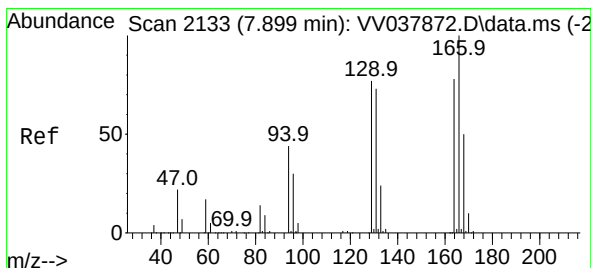
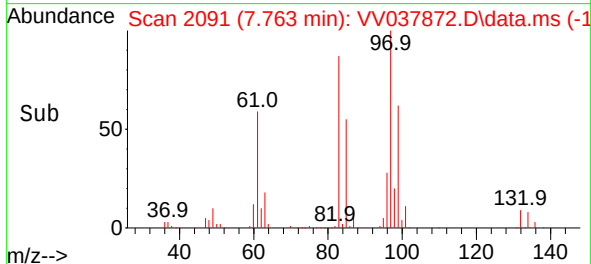
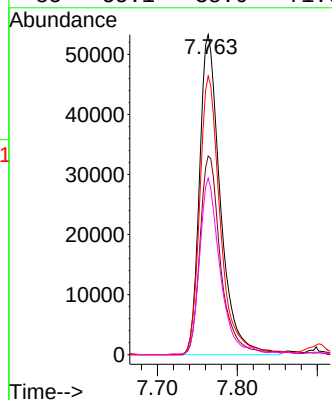
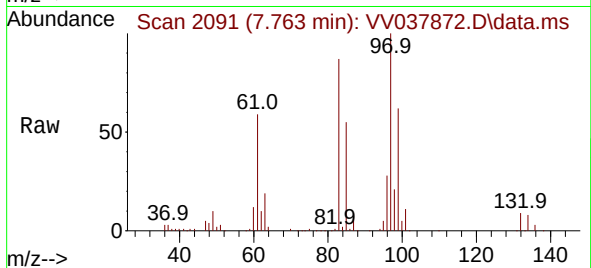




#45
1,1,2-Trichloroethane
Concen: 5.162 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

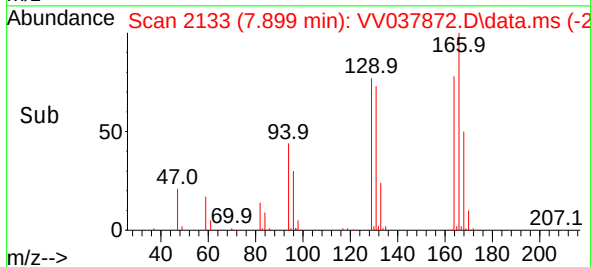
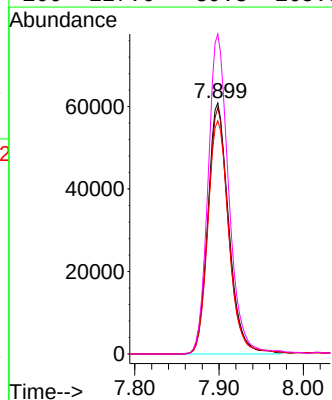
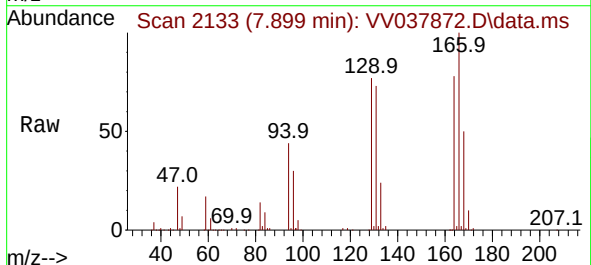
Instrument :
MSVOA_V
ClientSampleId :

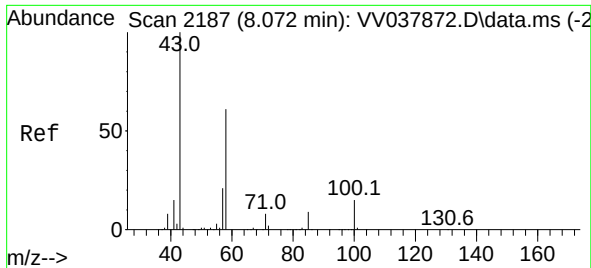
Tgt Ion:	97	Resp:	96568
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.5	80.7
83	87.1	61.0	113.2
85	55.1	38.6	71.6



#47
Tetrachloroethene
Concen: 4.937 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

Tgt Ion:	164	Resp:	104642
Ion	Ratio	Lower	Upper
164	100		
129	98.2	68.7	127.7
131	92.9	65.0	120.8
166	127.6	89.3	165.9

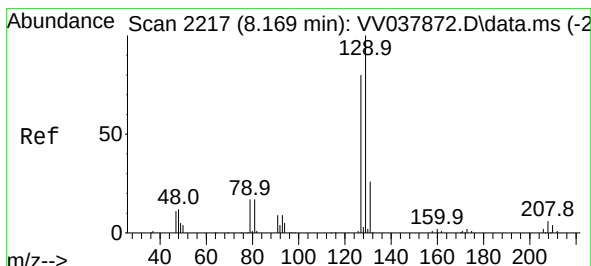
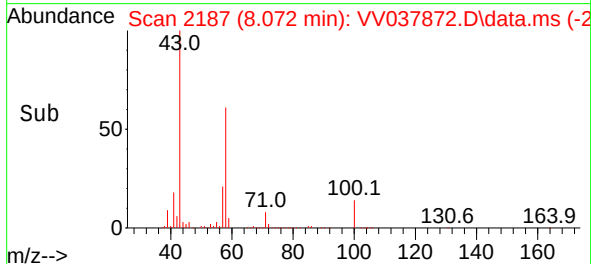
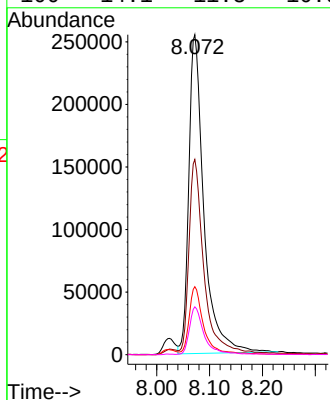
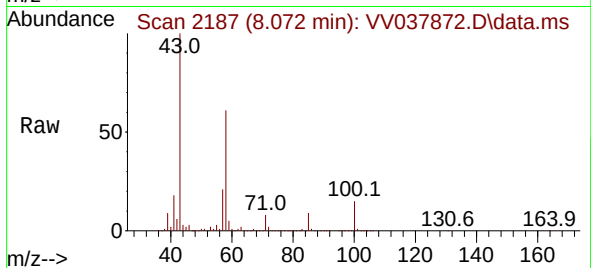




#48
2-Hexanone
Concen: 49.281 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

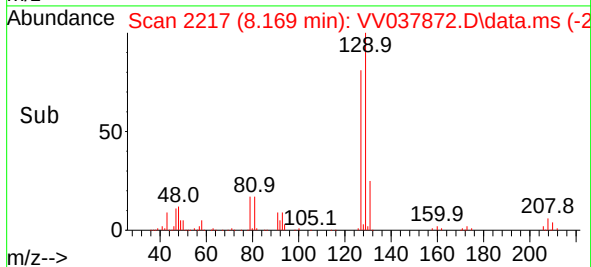
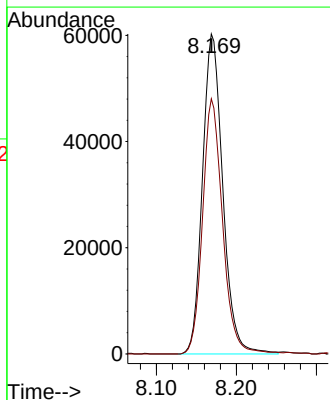
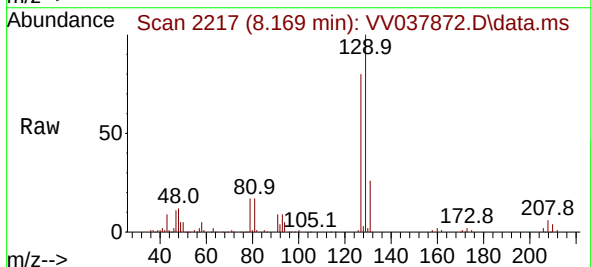
Instrument :
MSVOA_V
ClientSampleId :

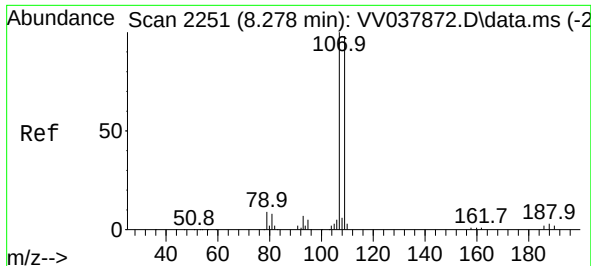
Tgt Ion: 43 Resp: 507167
Ion Ratio Lower Upper
43 100
58 59.7 47.8 71.6
57 19.2 15.4 23.0
100 14.1 11.3 16.9



#49
Dibromochloromethane
Concen: 5.399 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

Tgt Ion: 129 Resp: 106696
Ion Ratio Lower Upper
129 100
127 79.7 55.8 103.6

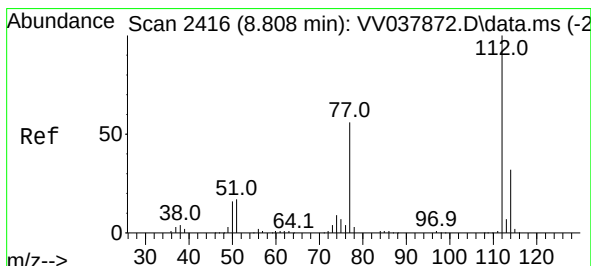
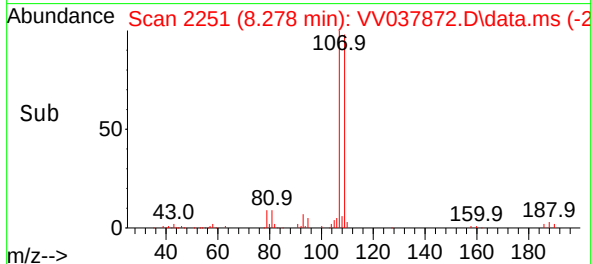
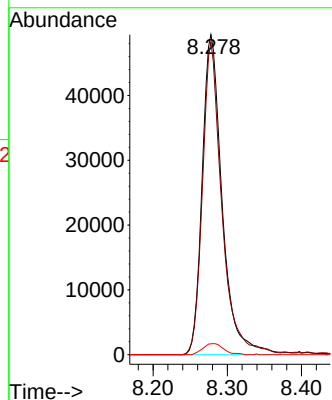
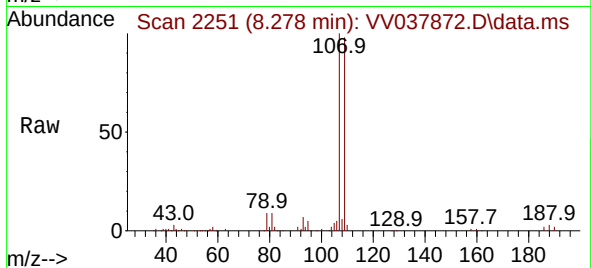




#50
1,2-Dibromoethane
Concen: 5.200 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

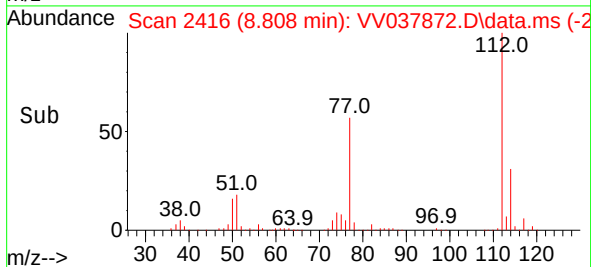
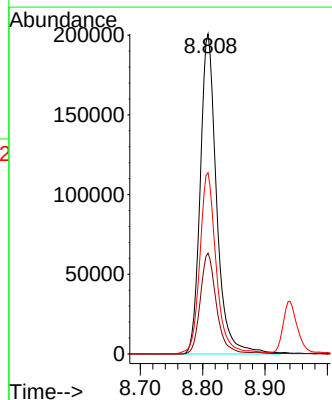
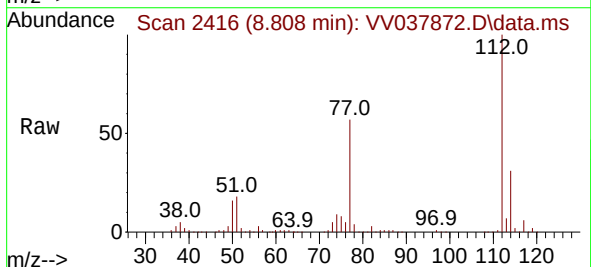
Instrument :
MSVOA_V
ClientSampleId :

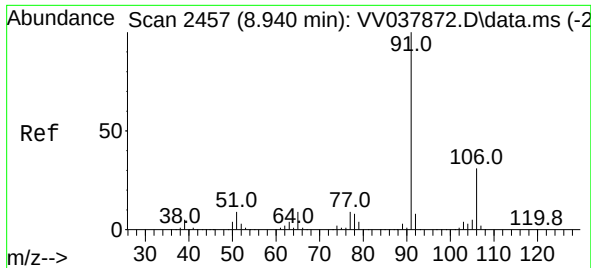
Tgt Ion:107 Resp: 92083
Ion Ratio Lower Upper
107 100
109 97.6 68.3 126.9
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 5.272 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

Tgt Ion:112 Resp: 365966
Ion Ratio Lower Upper
112 100
114 31.5 22.0 41.0
77 56.6 45.3 67.9

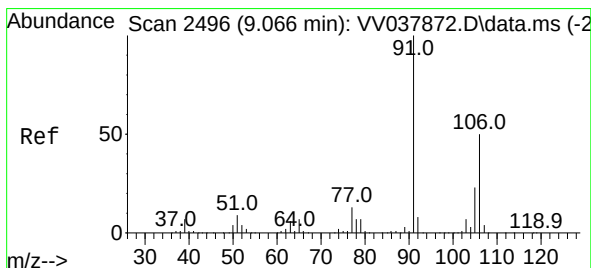
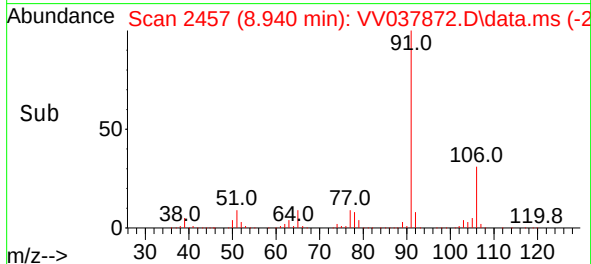
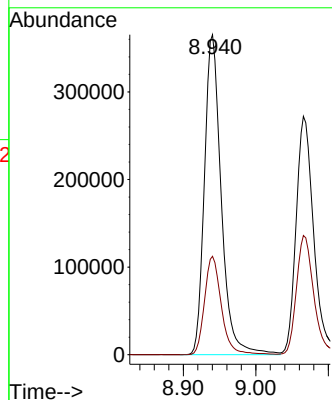
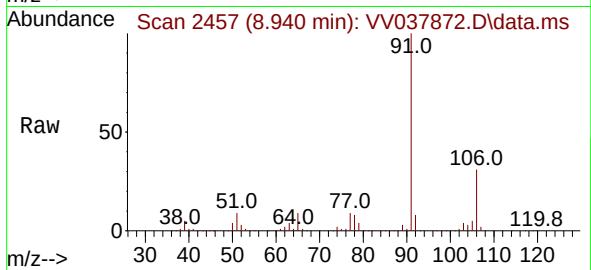




#52
Ethylbenzene
Concen: 5.188 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

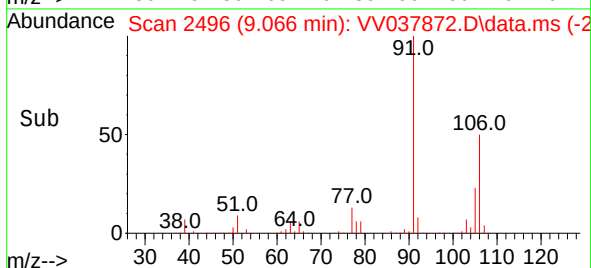
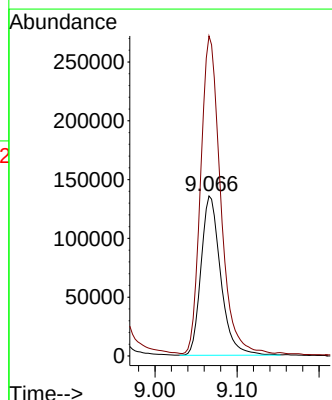
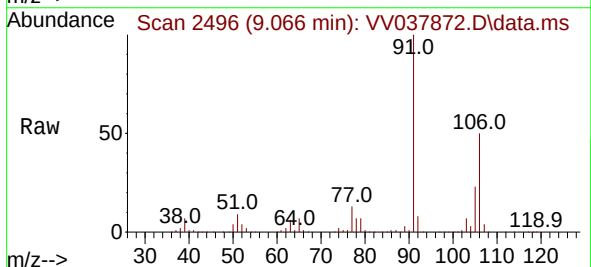
Instrument :
MSVOA_V
ClientSampleId :

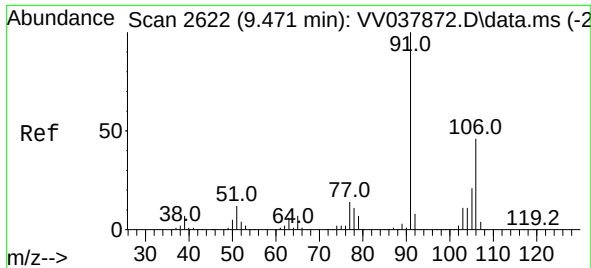
Tgt Ion: 91 Resp: 589359
Ion Ratio Lower Upper
91 100
106 30.8 21.6 40.0



#53
m,p-Xylene
Concen: 5.366 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

Tgt Ion: 106 Resp: 226036
Ion Ratio Lower Upper
106 100
91 200.0 140.0 260.0

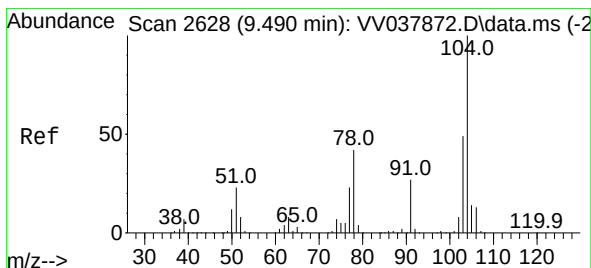
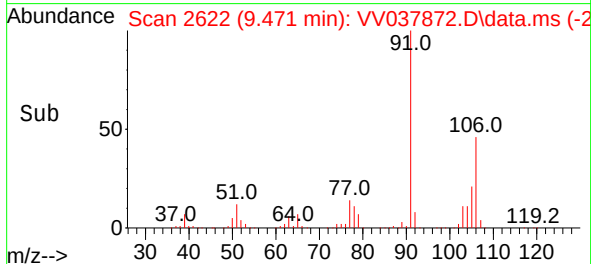
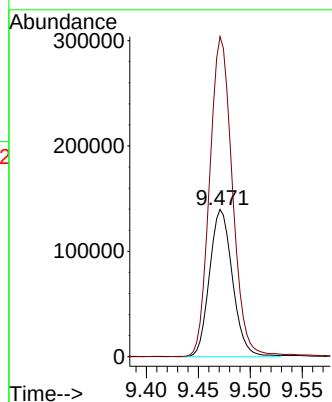
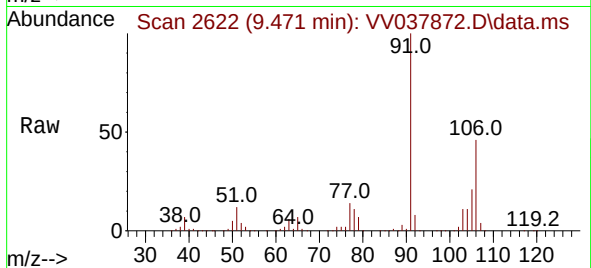




#54
o-Xylene
Concen: 5.286 ug/L
RT: 9.471 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

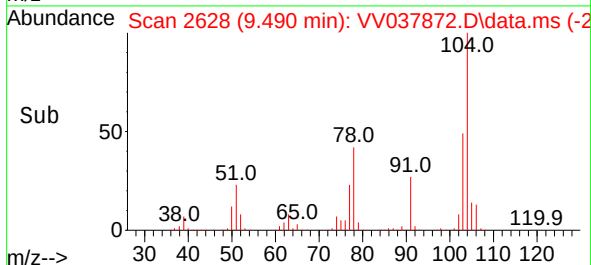
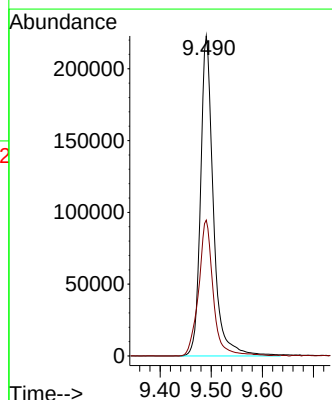
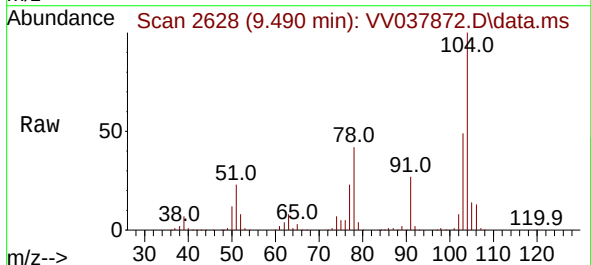
Instrument :
MSVOA_V
ClientSampleId :

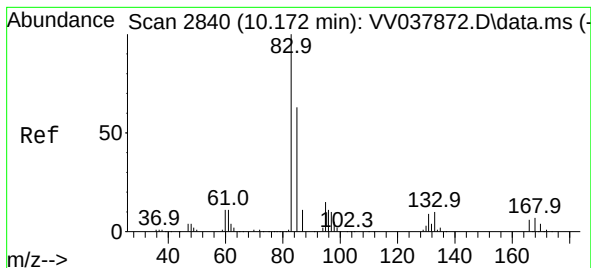
Tgt Ion:106 Resp: 214583
Ion Ratio Lower Upper
106 100
91 217.3 152.1 282.5



#55
Styrene
Concen: 5.686 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

Tgt Ion:104 Resp: 390136
Ion Ratio Lower Upper
104 100
78 42.4 29.7 55.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.044 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV037872.D

Acq: 16 Oct 2024 11:02

Instrument :

MSVOA_V

ClientSampleId :

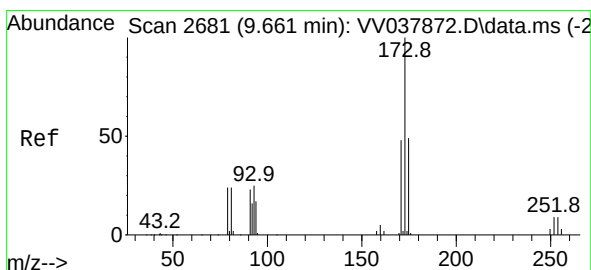
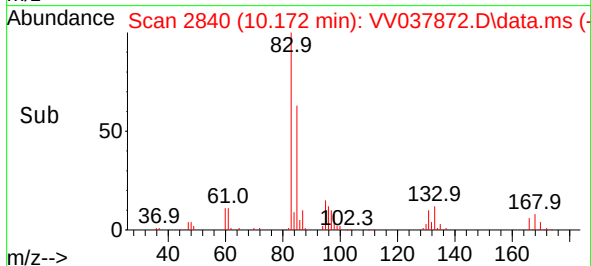
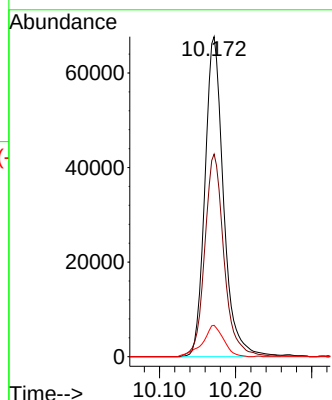
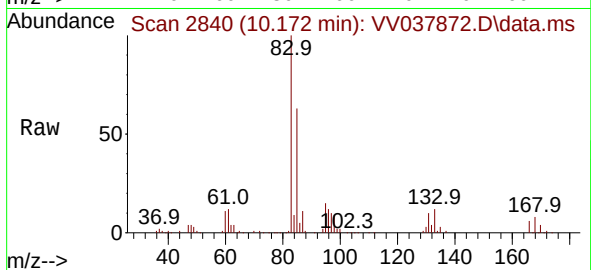
Tgt Ion: 83 Resp: 115271

Ion Ratio Lower Upper

83 100

85 63.3 44.3 82.3

131 9.8 7.8 11.8



#59

Bromoform

Concen: 5.284 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.000 min

Lab File: VV037872.D

Acq: 16 Oct 2024 11:02

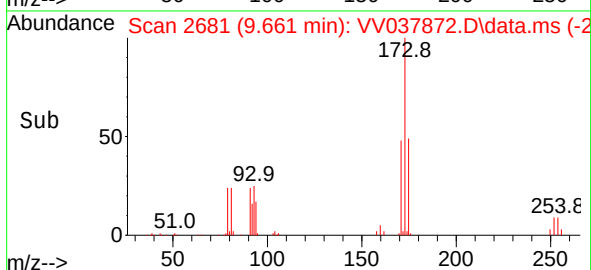
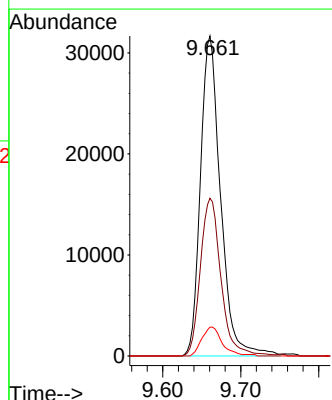
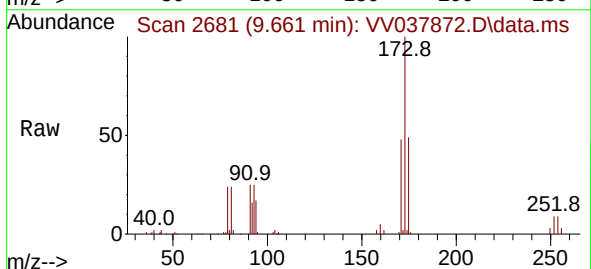
Tgt Ion: 173 Resp: 56774

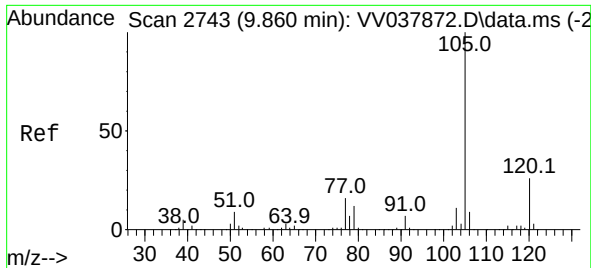
Ion Ratio Lower Upper

173 100

175 50.4 40.3 60.5

254 9.1 7.3 10.9

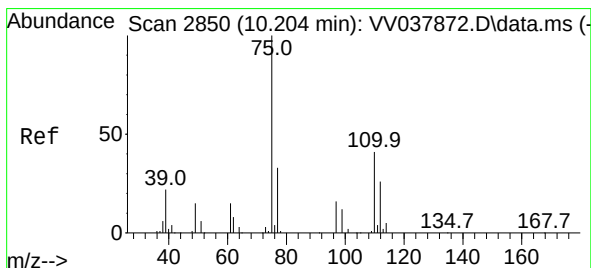
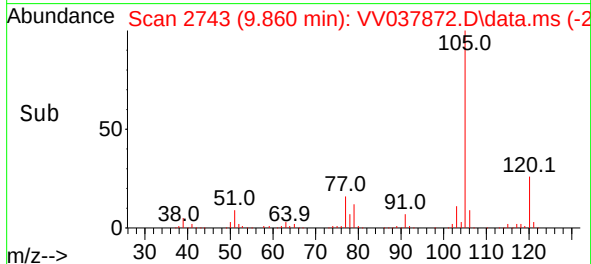
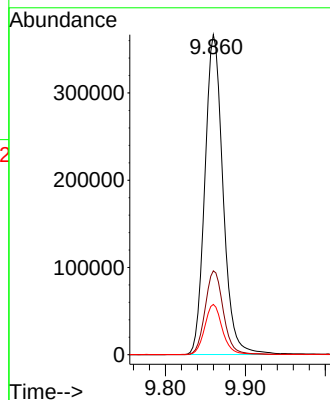
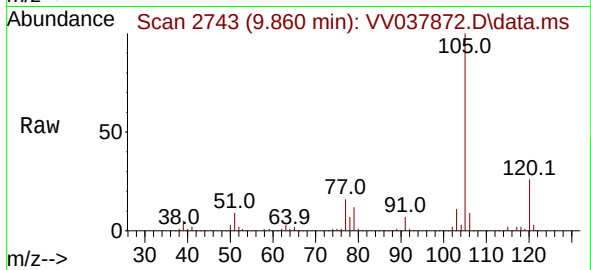




#60
Isopropylbenzene
Concen: 5.133 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

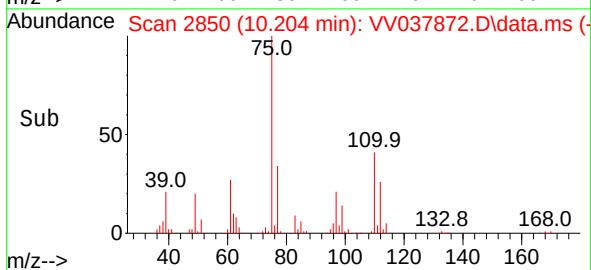
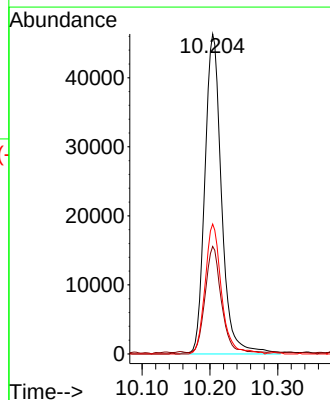
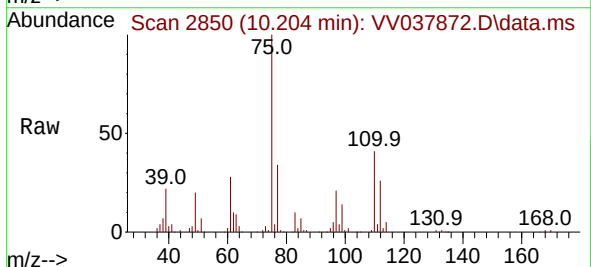
Instrument :
MSVOA_V
ClientSampleId :

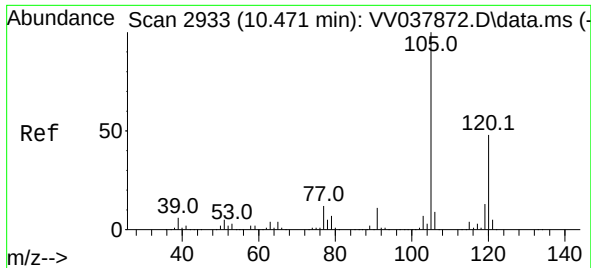
Tgt Ion:105 Resp: 580483
Ion Ratio Lower Upper
105 100
120 26.5 21.2 31.8
77 15.4 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 4.560 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

Tgt Ion: 75 Resp: 79325
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2
110 39.8 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 5.032 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV037872.D

Acq: 16 Oct 2024 11:02

Instrument :

MSVOA_V

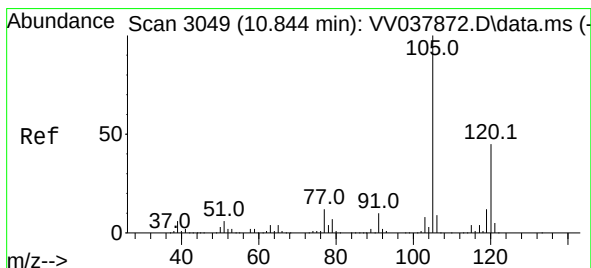
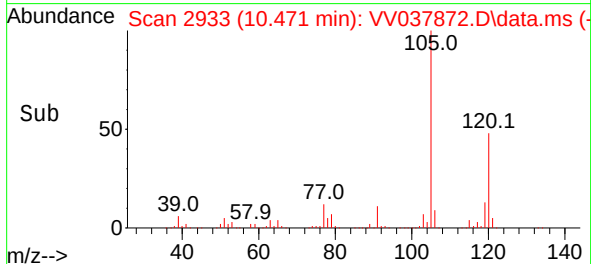
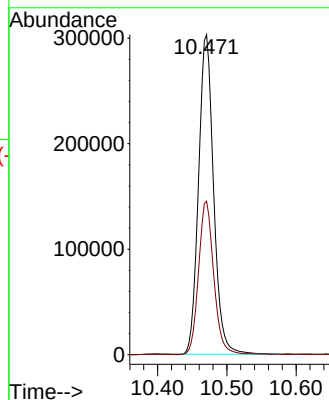
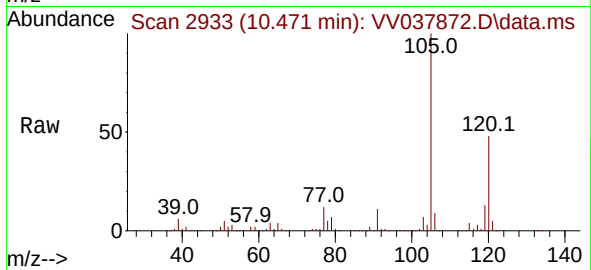
ClientSampleId :

Tgt Ion:105 Resp: 459146

Ion Ratio Lower Upper

105 100

120 48.7 39.0 58.4



#63

1,2,4-Trimethylbenzene

Concen: 5.154 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037872.D

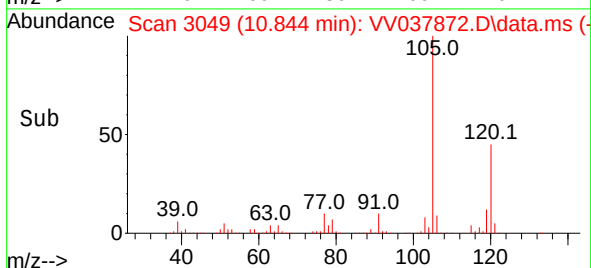
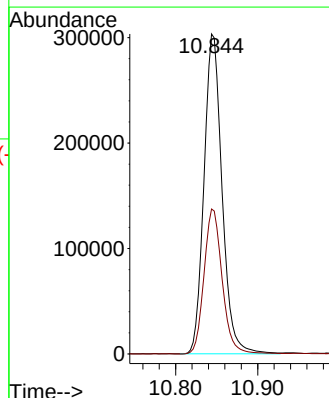
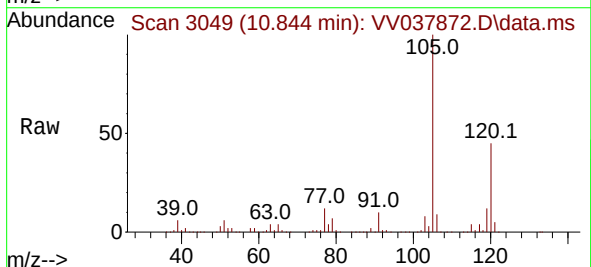
Acq: 16 Oct 2024 11:02

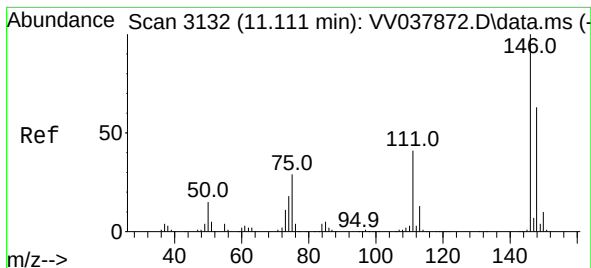
Tgt Ion:105 Resp: 463988

Ion Ratio Lower Upper

105 100

120 45.6 36.5 54.7





#64

1,3-Dichlorobenzene

Concen: 5.125 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037872.D

Acq: 16 Oct 2024 11:02

Instrument :

MSVOA_V

ClientSampleId :

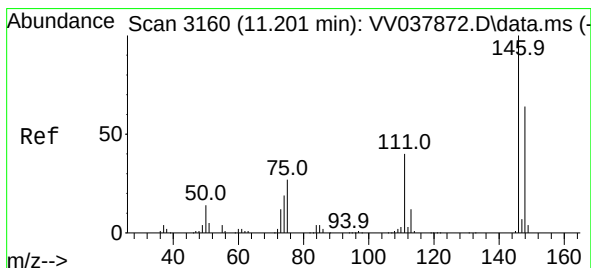
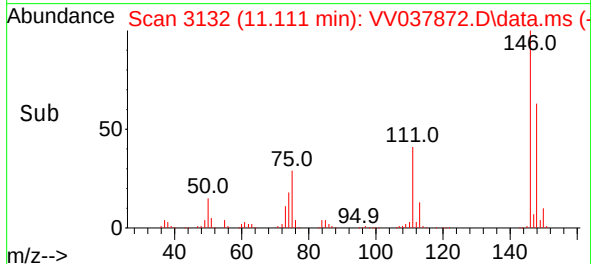
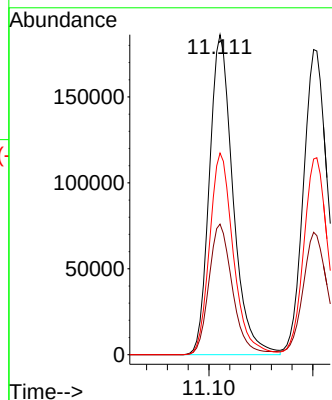
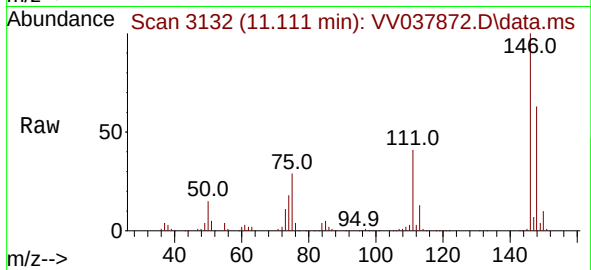
Tgt Ion:146 Resp: 293570

Ion Ratio Lower Upper

146 100

111 40.8 28.6 53.0

148 63.0 44.1 81.9



#65

1,4-Dichlorobenzene

Concen: 5.001 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037872.D

Acq: 16 Oct 2024 11:02

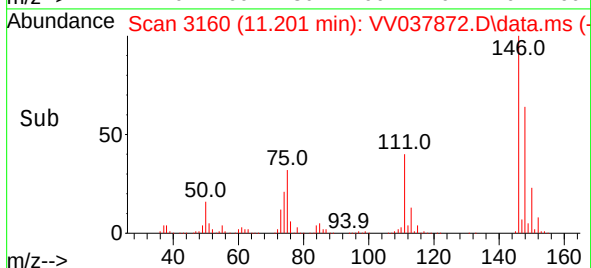
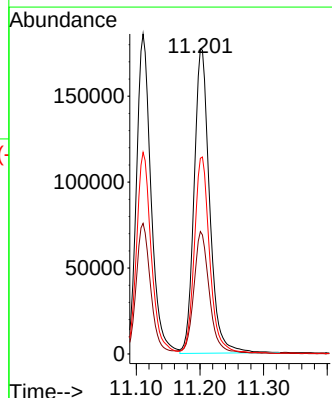
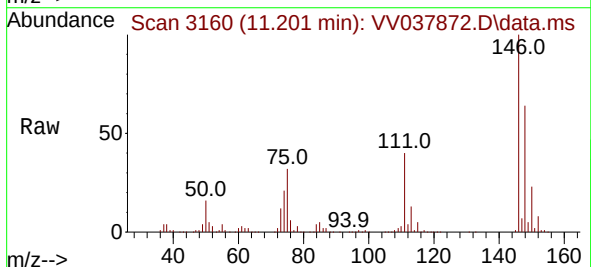
Tgt Ion:146 Resp: 300232

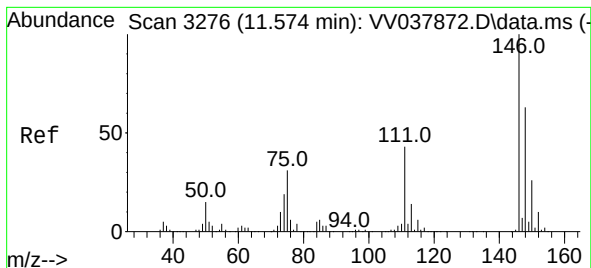
Ion Ratio Lower Upper

146 100

111 40.1 28.1 52.1

148 64.1 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 5.076 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV037872.D

Acq: 16 Oct 2024 11:02

Instrument :

MSVOA_V

ClientSampleId :

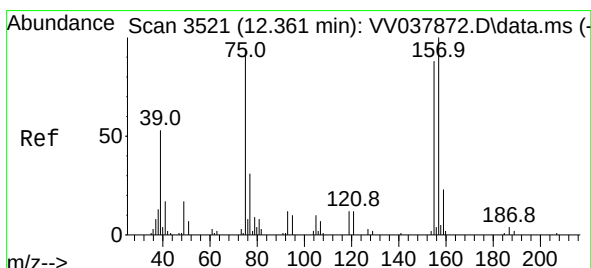
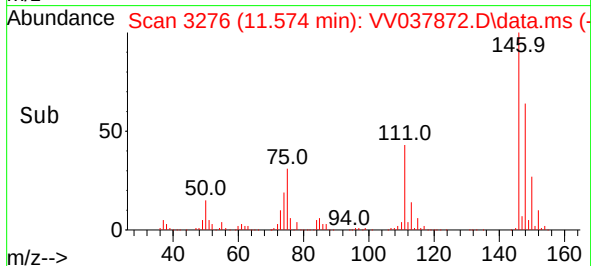
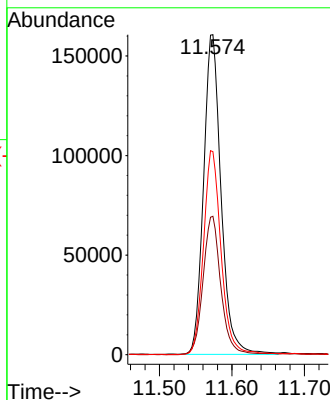
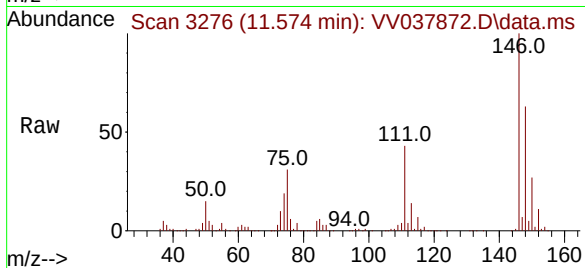
Tgt Ion:146 Resp: 269616

Ion Ratio Lower Upper

146 100

111 43.2 34.6 51.8

148 63.5 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.980 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV037872.D

Acq: 16 Oct 2024 11:02

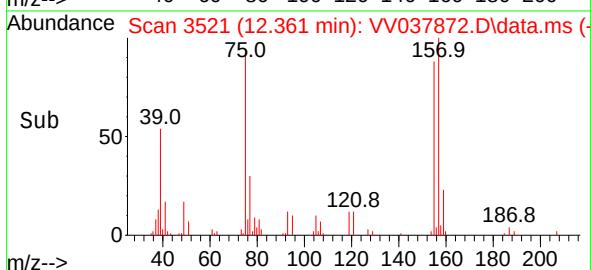
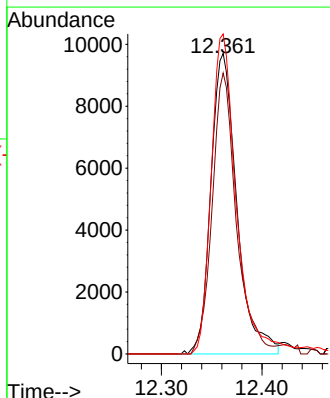
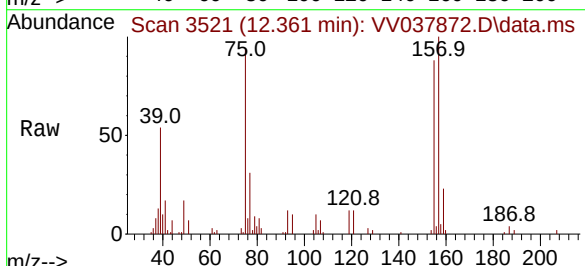
Tgt Ion: 75 Resp: 17388

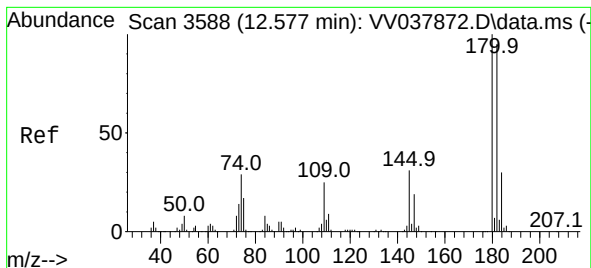
Ion Ratio Lower Upper

75 100

155 93.5 74.8 112.2

157 106.5 85.2 127.8





#69

1,3,5-Trichlorobenzene

Concen: 4.826 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

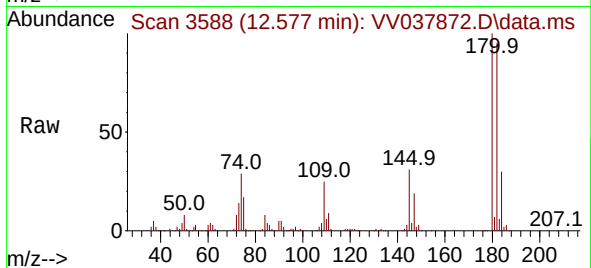
Lab File: VV037872.D

Acq: 16 Oct 2024 11:02

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 206984

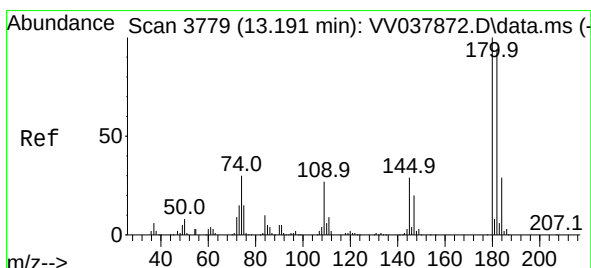
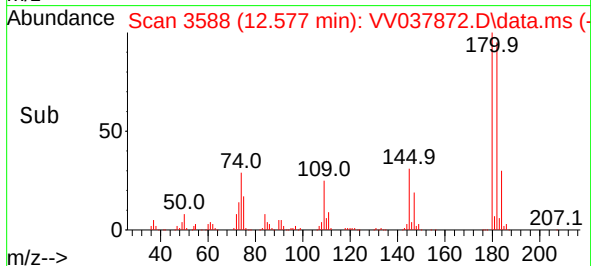
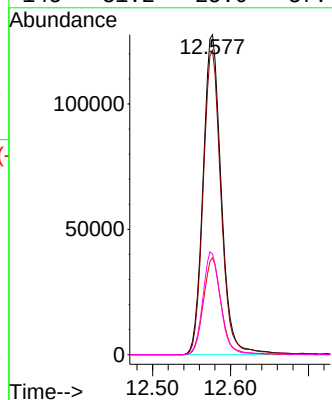
Ion Ratio Lower Upper

180 100

182 93.9 75.1 112.7

184 30.0 24.0 36.0

145 31.2 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 4.745 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037872.D

Acq: 16 Oct 2024 11:02

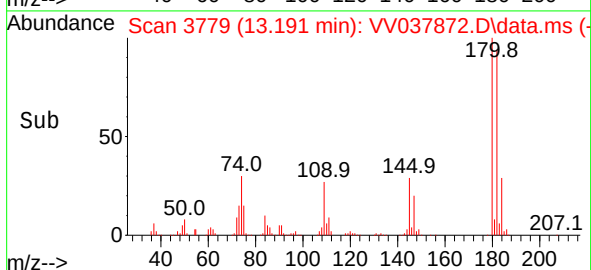
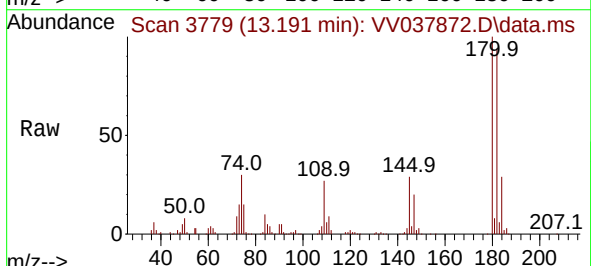
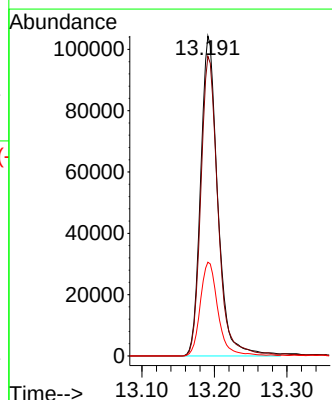
Tgt Ion:180 Resp: 171376

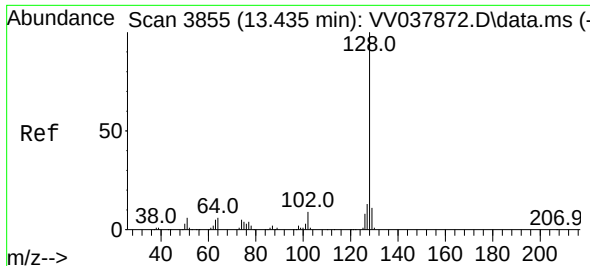
Ion Ratio Lower Upper

180 100

182 93.3 74.6 112.0

145 30.2 24.2 36.2

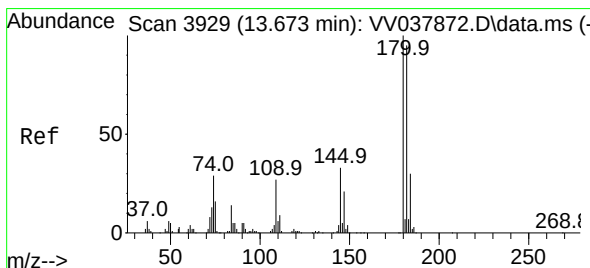
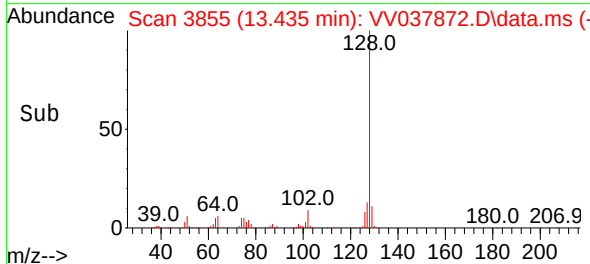
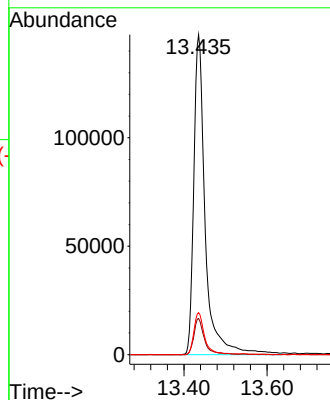
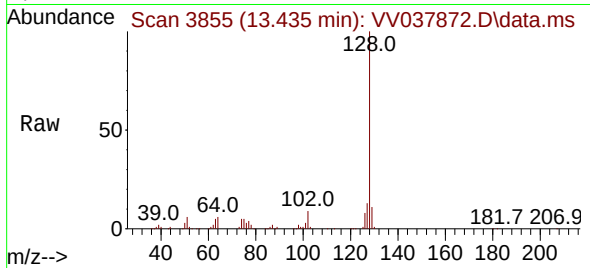




#71
Naphthalene
Concen: 5.245 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 282100
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 12.1 9.7 14.5



#72
1,2,3-Trichlorobenzene
Concen: 4.766 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. 0.000 min
Lab File: VV037872.D
Acq: 16 Oct 2024 11:02

Tgt Ion:180 Resp: 151645
Ion Ratio Lower Upper
180 100
182 96.3 77.0 115.6
145 34.1 27.3 40.9

