

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101524\
 Data File : VV037868.D
 Acq On : 15 Oct 2024 14:17
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 16 03:31:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 16 03:26:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	580573	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	586225	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	332306	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	227101	44.560	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.120%
7) Chloroethane-d5	1.532	69	191317	48.362	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.720%
11) 1,1-Dichloroethene-d2	2.056	65	100853	47.365	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.740%
21) 2-Butanone-d5	3.789	46	158912	87.541	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.540%
24) Chloroform-d	4.240	84	454210	50.093	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.180%
26) 1,2-Dichloroethane-d4	4.931	65	258923	48.786	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.580%
32) Benzene-d6	4.947	84	880678	48.009	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.020%
36) 1,2-Dichloropropane-d6	5.979	67	270771	46.354	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.700%
41) Toluene-d8	7.233	98	819672	49.277	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.560%
43) trans-1,3-Dichloroprop...	7.545	79	121417	44.745	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.500%
47) 2-Hexanone-d5	8.021	63	107291	86.985	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.980%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	313046	46.123	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.240%
66) 1,2-Dichlorobenzene-d4	11.551	152	309746	44.235	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	228146	46.160	ug/L	99
3) Chloromethane	1.217	50	234272	48.824	ug/L	100
5) Vinyl chloride	1.285	62	250173	48.632	ug/L	99
6) Bromomethane	1.487	94	144625	50.661	ug/L	98
8) Chloroethane	1.548	64	159111	50.182	ug/L	98
9) Trichlorofluoromethane	1.712	101	361053	52.142	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	218472	52.799	ug/L	99
12) 1,1-Dichloroethene	2.066	96	195462	50.570	ug/L	95
13) Acetone	2.111	43	140552	78.983	ug/L	99
14) Carbon disulfide	2.236	76	521354	43.213	ug/L	99
15) Methyl Acetate	2.368	43	164628	53.012	ug/L	99
16) Methylene chloride	2.442	84	224366	51.267	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	205846	50.342	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	631698	53.847	ug/L	100
19) 1,1-Dichloroethane	3.101	63	417011	53.229	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	235341	51.432	ug/L	97
22) 2-Butanone	3.870	43	184583	93.714	ug/L	93
23) Bromochloromethane	4.137	128	126142	53.293	ug/L	96
25) Chloroform	4.265	83	436814	53.852	ug/L	99

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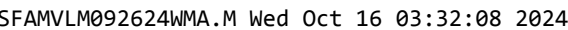
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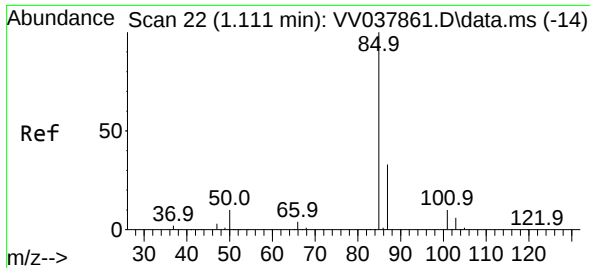
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 Quant Title : VOC Analysis
 QLast Update : Wed Oct 16 03:26:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	310904	54.294	ug/L	100
29) Cyclohexane	4.568	56	291673	43.821	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	366898	50.816	ug/L	100
31) Carbon tetrachloride	4.722	117	320687	51.087	ug/L	99
33) Benzene	4.998	78	899466	50.875	ug/L	100
34) Trichloroethene	5.822	95	236225	50.171	ug/L	98
35) Methylcyclohexane	6.040	83	332062	45.845	ug/L	99
37) 1,2-Dichloropropane	6.085	63	239900	52.547	ug/L	98
38) Bromodichloromethane	6.423	83	321608	52.696	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	371964	51.040	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	379054	101.972	ug/L	100
42) Toluene	7.304	91	969360	52.888	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	338728	51.626	ug/L	100
45) 1,1,2-Trichloroethane	7.760	97	235149	53.641	ug/L	98
46) Tetrachloroethene	7.895	164	179534	49.872	ug/L	98
48) 2-Hexanone	8.069	43	276486	95.655	ug/L	98
49) Dibromochloromethane	8.169	129	246556	53.141	ug/L	98
50) 1,2-Dibromoethane	8.272	107	228568	50.440	ug/L	100
51) Chlorobenzene	8.805	112	637324	51.038	ug/L	98
52) Ethylbenzene	8.937	91	1051490	50.965	ug/L	100
53) m,p-Xylene	9.063	106	404989	52.744	ug/L	100
54) o-Xylene	9.471	106	388337	51.803	ug/L	96
55) Styrene	9.487	104	716753	54.923	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	317339	51.922	ug/L	99
59) Bromoform	9.657	173	164732	50.720	ug/L	98
60) Isopropylbenzene	9.857	105	1051531	48.672	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	230306	48.705	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	834791	48.873	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	835935	49.188	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	514176	49.445	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	541655	50.022	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	508398	49.455	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	52742	45.949	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	334748	46.810	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	301001	45.367	ug/L	100
71) Naphthalene	13.432	128	753965	43.495	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	303587	46.335	ug/L	99

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

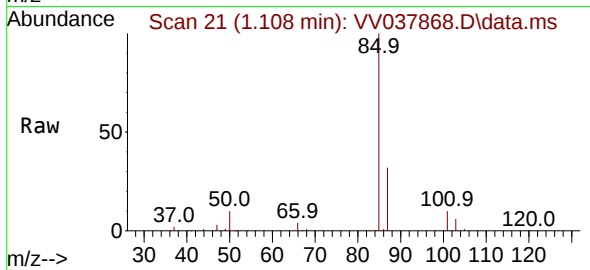
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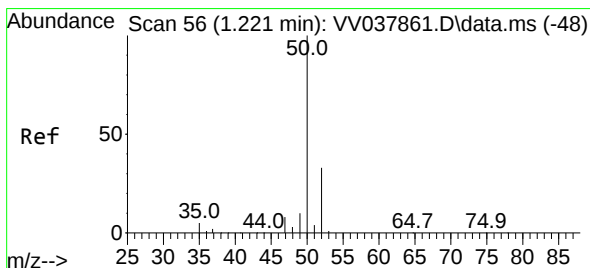
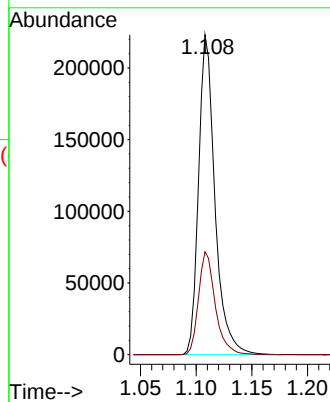
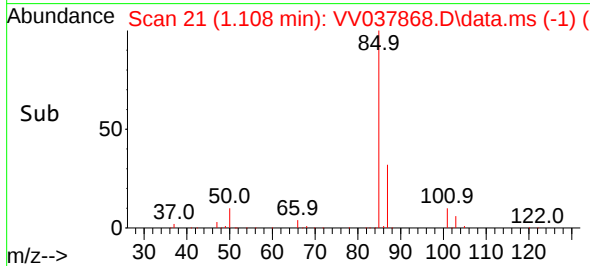


#2
 Dichlorodifluoromethane
 Concen: 46.160 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV037868.D
 Acq: 15 Oct 2024 14:17

Instrument :
 MSVOA_V
 ClientSampleId :

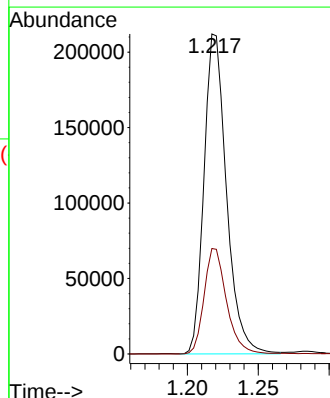
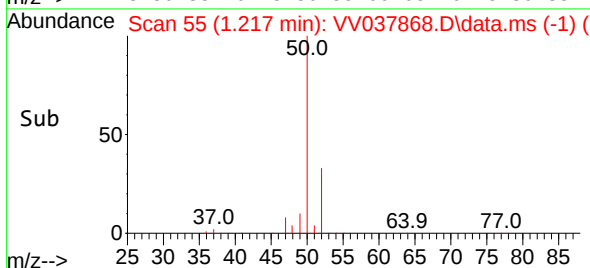
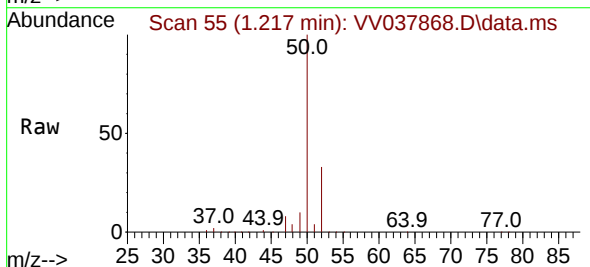


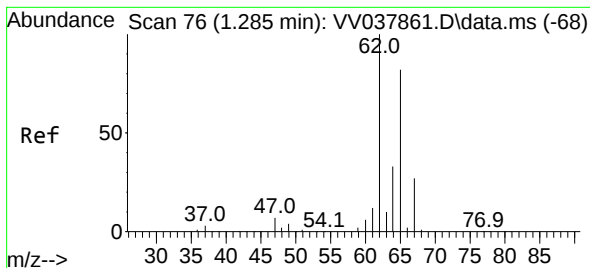
Tgt Ion: 85 Resp: 228146
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.8



#3
 Chloromethane
 Concen: 48.824 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.003 min
 Lab File: VV037868.D
 Acq: 15 Oct 2024 14:17

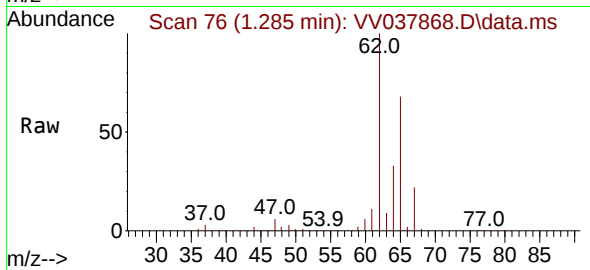
Tgt Ion: 50 Resp: 234272
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.2 43.2



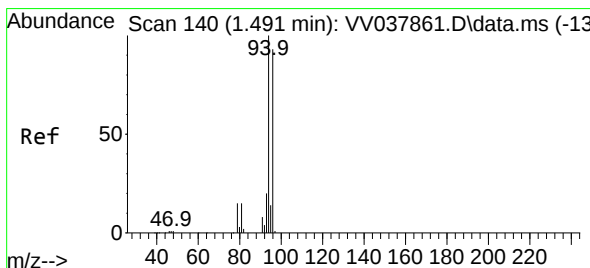
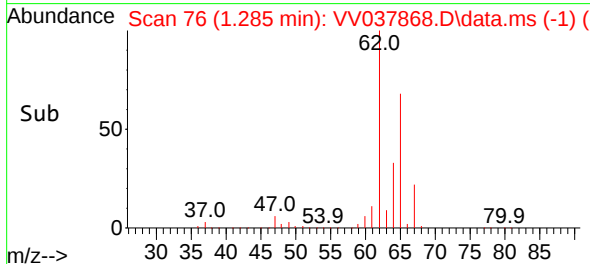
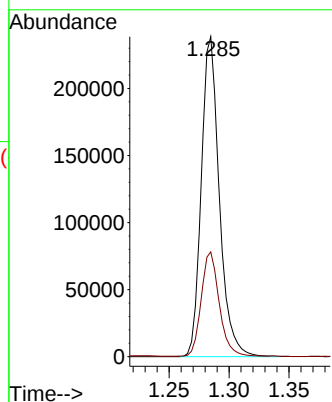


#5
 Vinyl chloride
 Concen: 48.632 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV037868.D
 Acq: 15 Oct 2024 14:17

Instrument :
 MSVOA_V
 ClientSampleId :

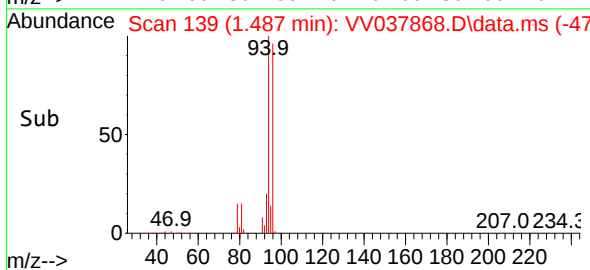
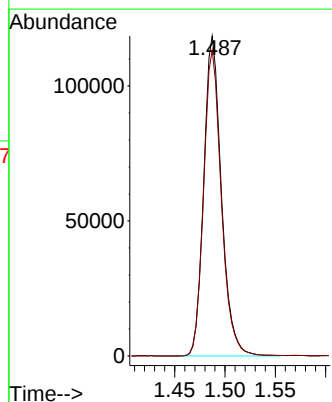
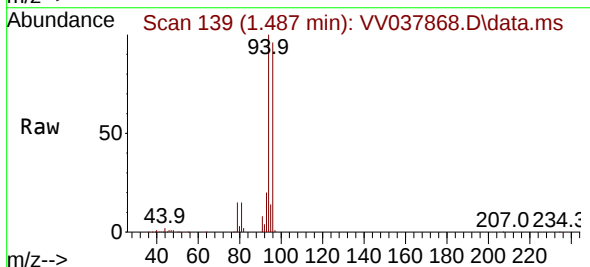


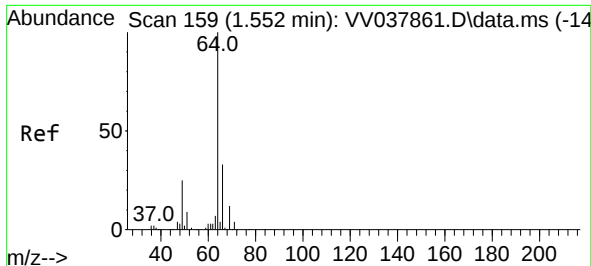
Tgt Ion: 62 Resp: 250173
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.2 43.0



#6
 Bromomethane
 Concen: 50.661 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV037868.D
 Acq: 15 Oct 2024 14:17

Tgt Ion: 94 Resp: 144625
 Ion Ratio Lower Upper
 94 100
 96 95.6 65.8 122.2

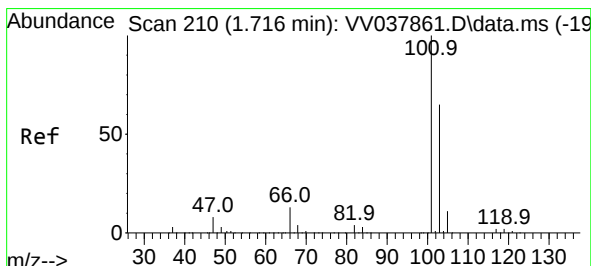
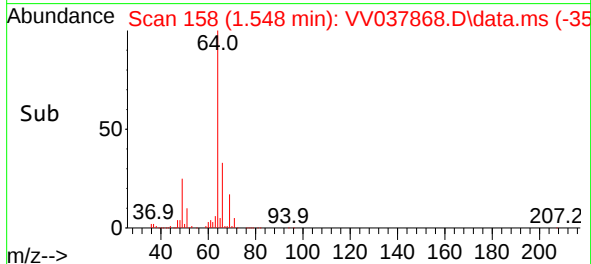
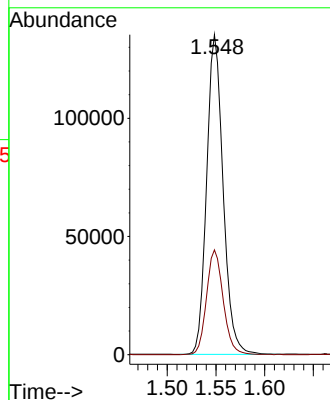
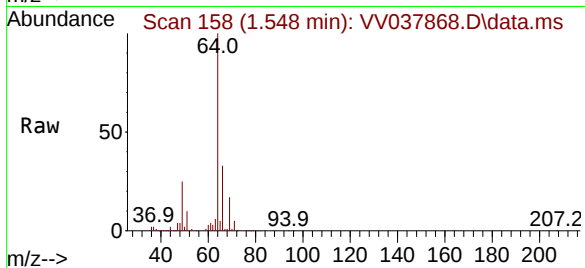




#8
Chloroethane
Concen: 50.182 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

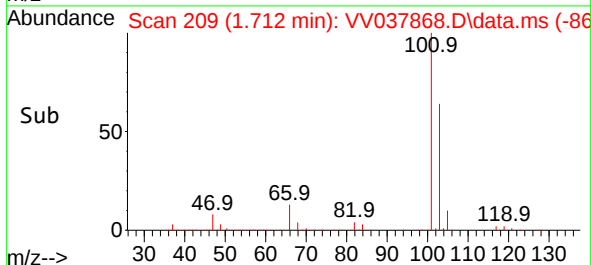
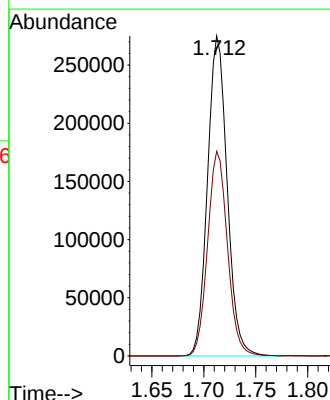
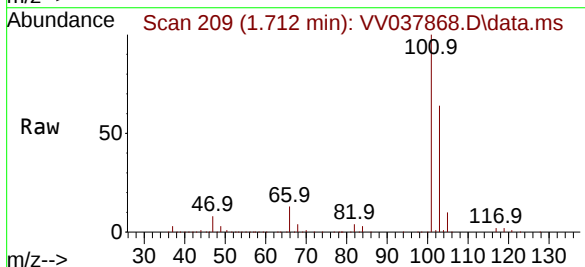
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ClientSampleId :

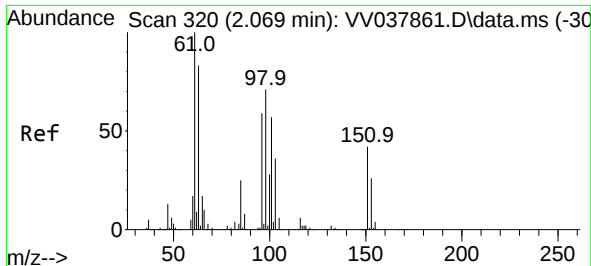
Tgt Ion: 64 Resp: 159111
Ion Ratio Lower Upper
64 100
66 32.7 22.2 41.2



#9
Trichlorofluoromethane
Concen: 52.142 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

Tgt Ion:101 Resp: 361053
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.4

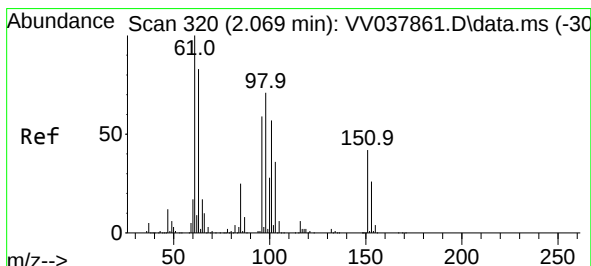
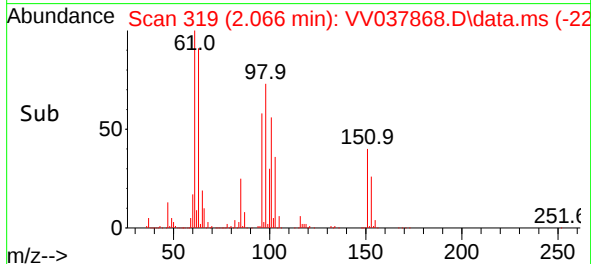
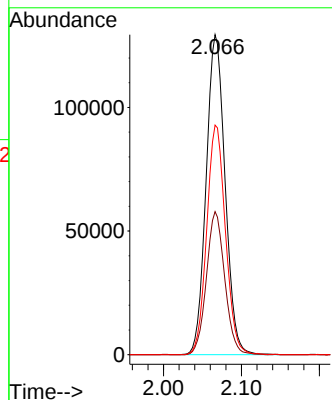
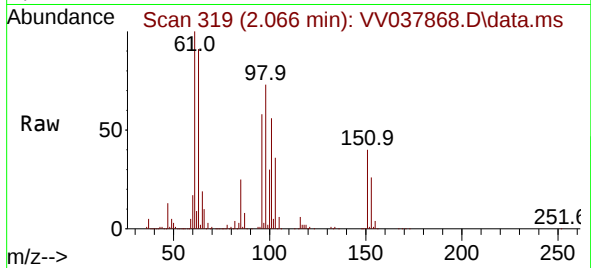




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.799 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV037868.D
 Acq: 15 Oct 2024 14:17

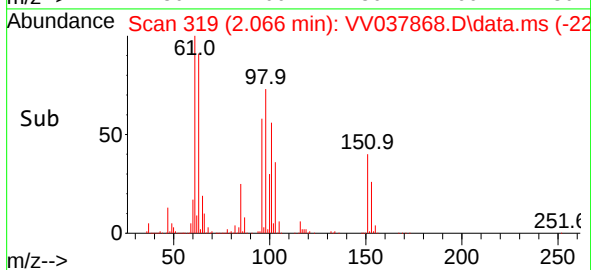
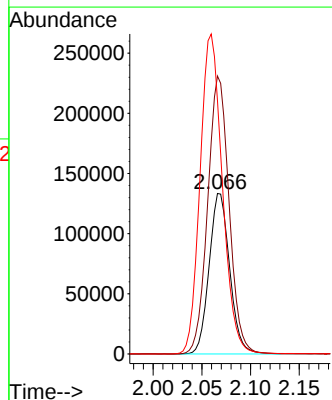
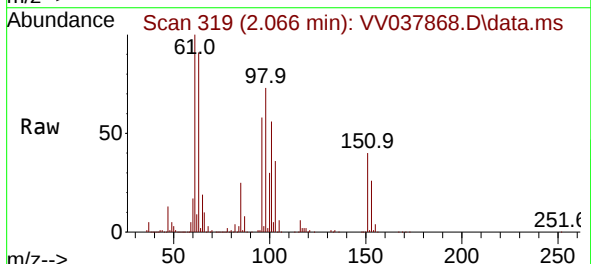
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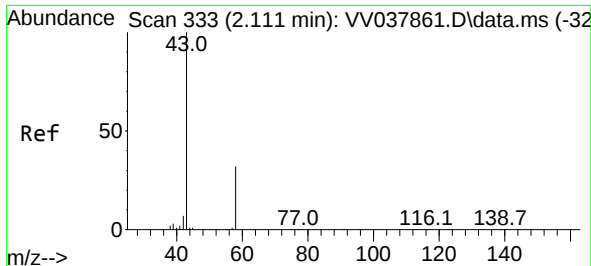
Tgt Ion:101 Resp: 218472
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.6 52.0
 151 71.0 57.5 86.3



#12
 1,1-Dichloroethene
 Concen: 50.570 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV037868.D
 Acq: 15 Oct 2024 14:17

Tgt Ion: 96 Resp: 195462
 Ion Ratio Lower Upper
 96 100
 61 173.2 122.6 227.6
 63 157.9 118.0 219.2





#13

Acetone

Concen: 78.983 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037868.D

Acq: 15 Oct 2024 14:17

Instrument :

MSVOA_V

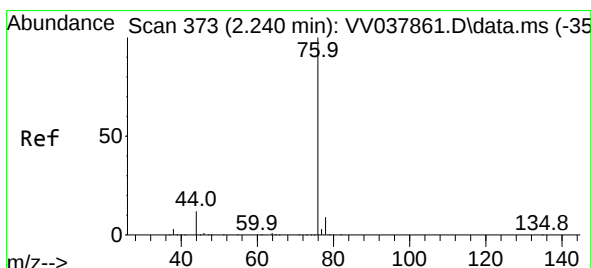
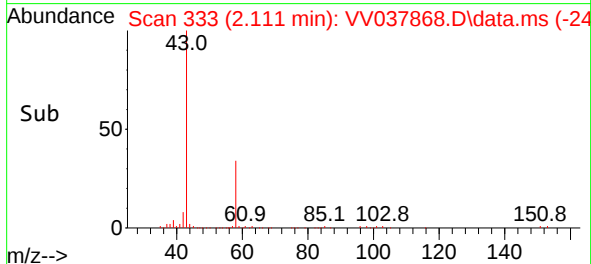
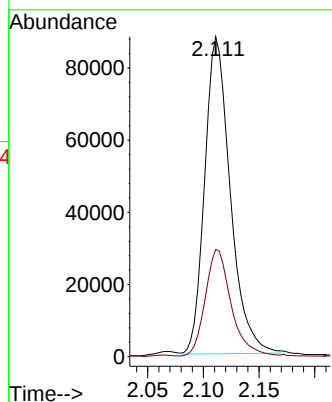
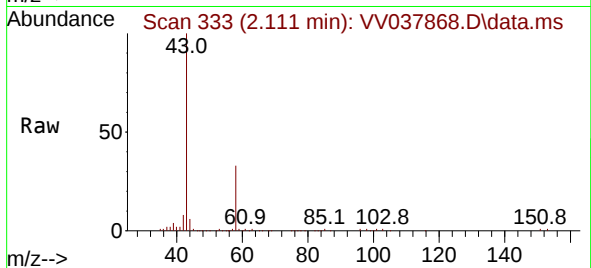
ClientSampleId :

Tgt Ion: 43 Resp: 140552

Ion Ratio Lower Upper

43 100

58 33.9 0.0 66.6



#14

Carbon disulfide

Concen: 43.213 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV037868.D

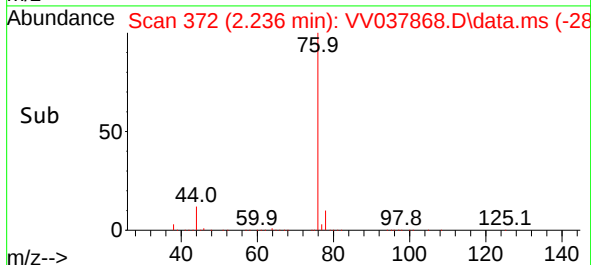
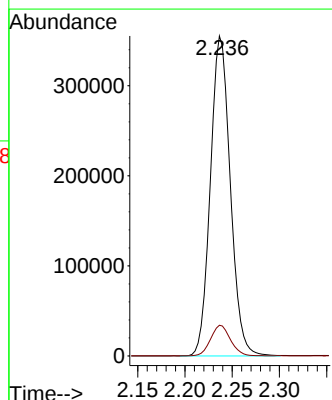
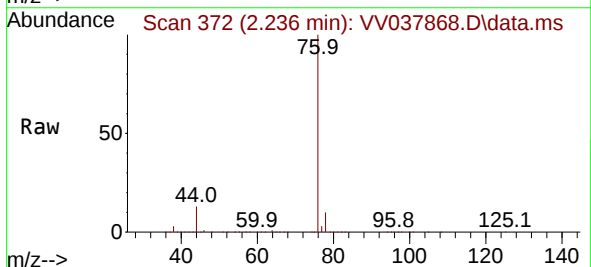
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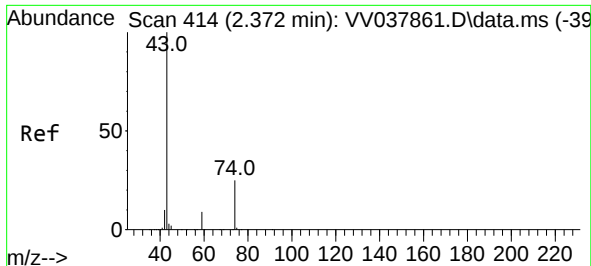
Tgt Ion: 76 Resp: 521354

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0

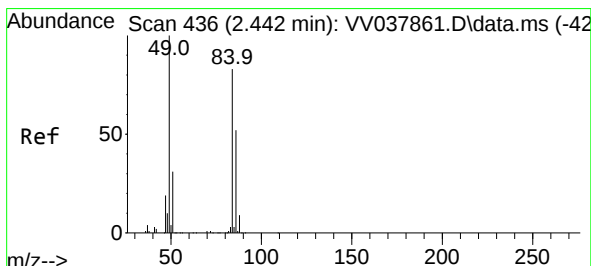
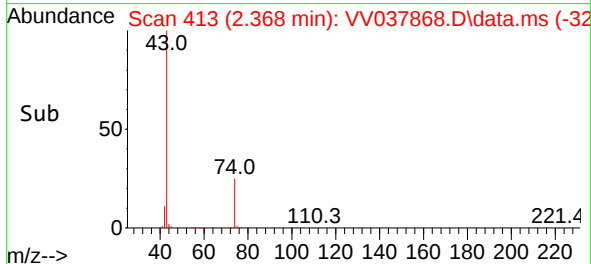
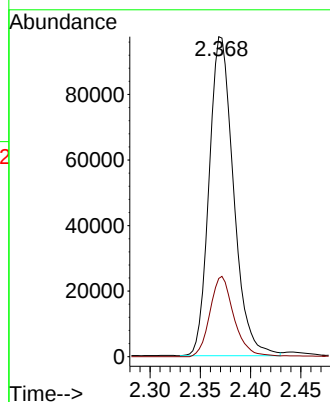
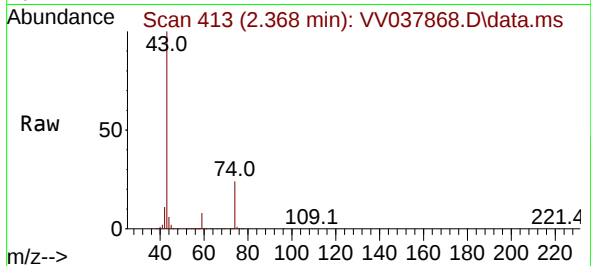




#15
Methyl Acetate
Concen: 53.012 ug/L
RT: 2.368 min Scan# 414
Delta R.T. -0.003 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

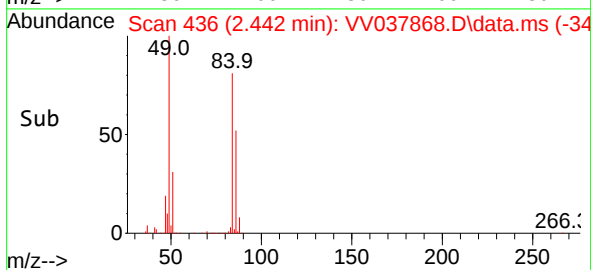
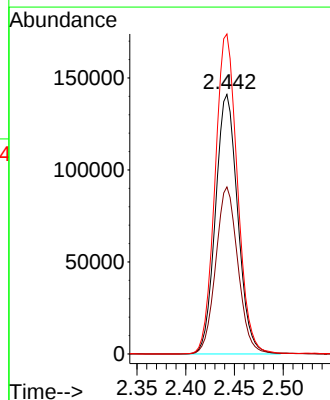
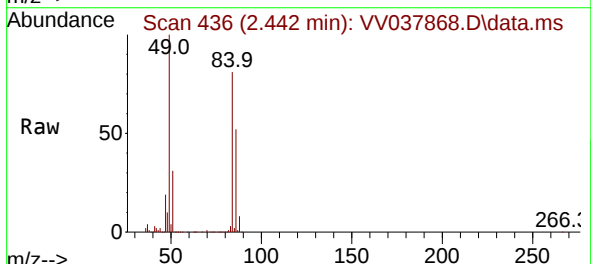
Instrument :
MSVOA_V
ClientSampleId :

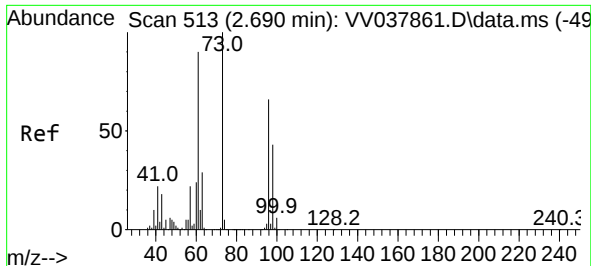
Tgt Ion: 43 Resp: 164628
Ion Ratio Lower Upper
43 100
74 24.7 19.4 29.0



#16
Methylene chloride
Concen: 51.267 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

Tgt Ion: 84 Resp: 224366
Ion Ratio Lower Upper
84 100
86 64.4 46.4 86.2
49 123.3 85.9 159.5

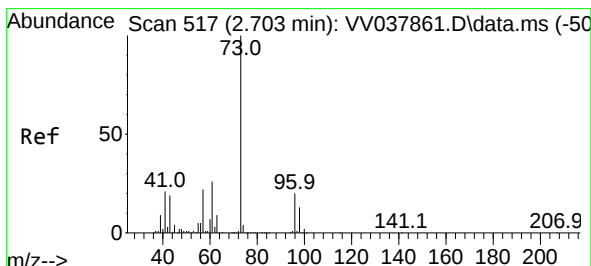
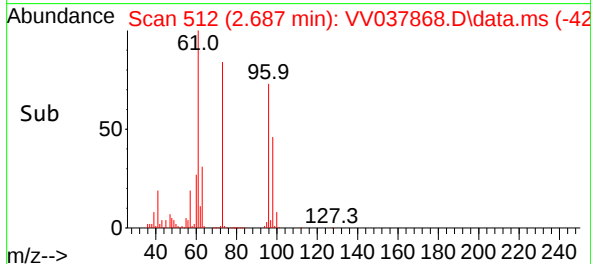
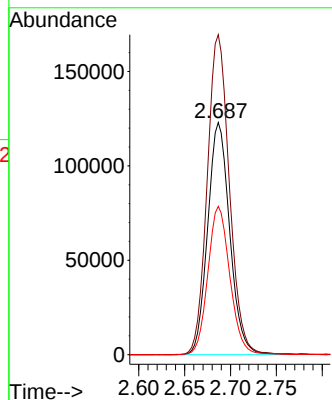
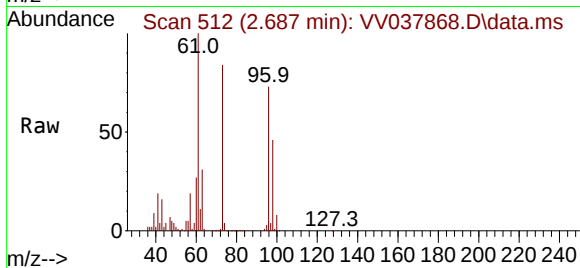




#17
trans-1,2-Dichloroethene
Concen: 50.342 ug/L
RT: 2.687 min Scan# 513
Delta R.T. -0.003 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

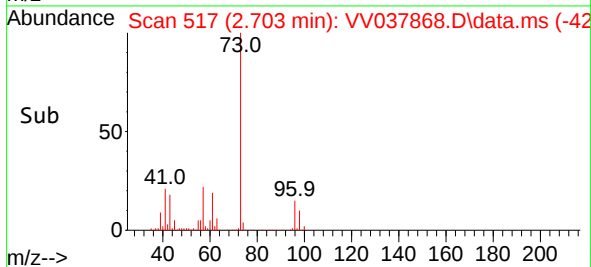
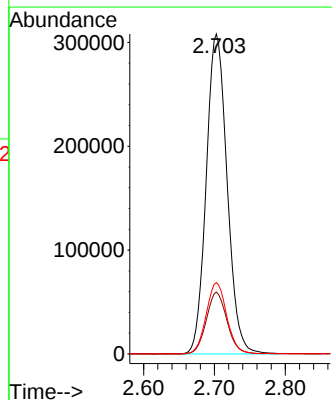
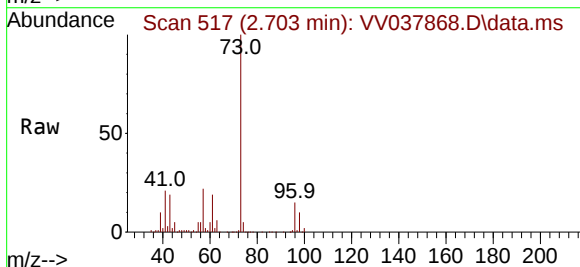
Instrument :
MSVOA_V
ClientSampleId :

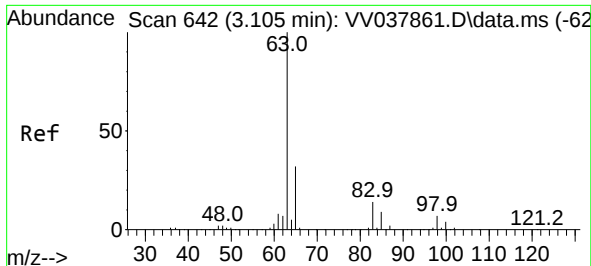
Tgt Ion: 96 Resp: 205846
Ion Ratio Lower Upper
96 100
61 137.8 97.3 180.7
98 63.9 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 53.847 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

Tgt Ion: 73 Resp: 631698
Ion Ratio Lower Upper
73 100
43 19.0 15.1 22.7
57 22.0 17.4 26.2





#19

1,1-Dichloroethane

Concen: 53.229 ug/L

RT: 3.101 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV037868.D

Acq: 15 Oct 2024 14:17

Instrument :

MSVOA_V

ClientSampleId :

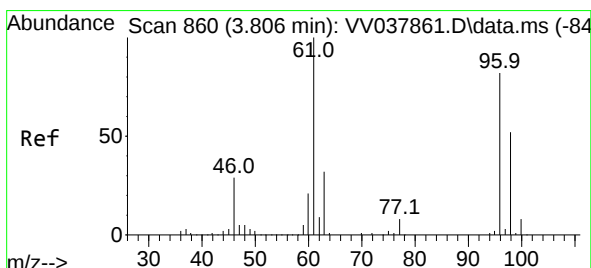
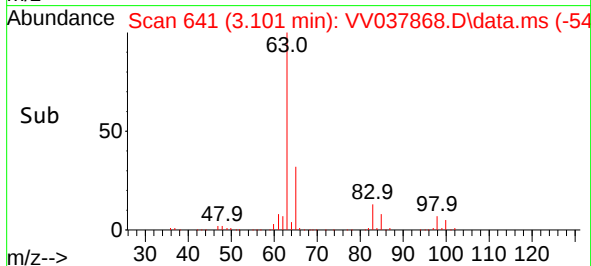
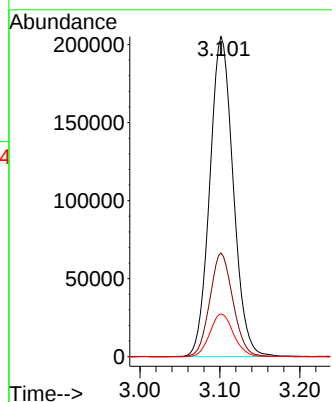
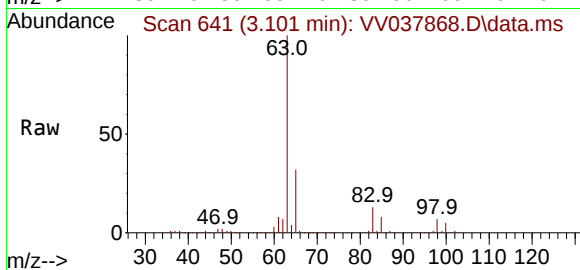
Tgt Ion: 63 Resp: 417011

Ion Ratio Lower Upper

63 100

65 32.4 22.4 41.6

83 13.3 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 51.432 ug/L

RT: 3.802 min Scan# 859

Delta R.T. -0.003 min

Lab File: VV037868.D

Acq: 15 Oct 2024 14:17

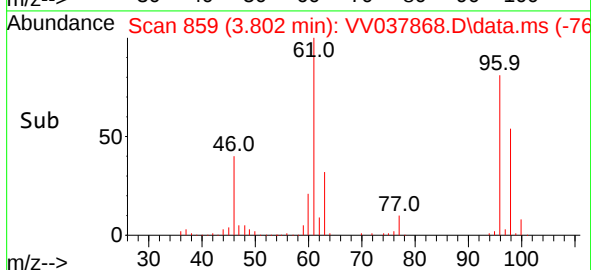
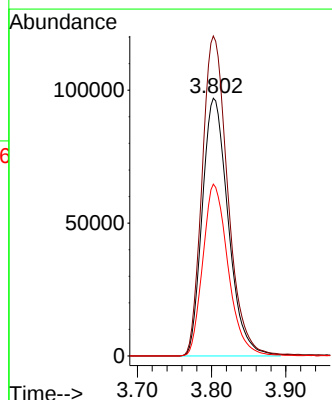
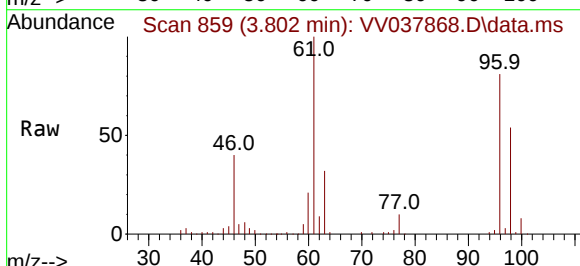
Tgt Ion: 96 Resp: 235341

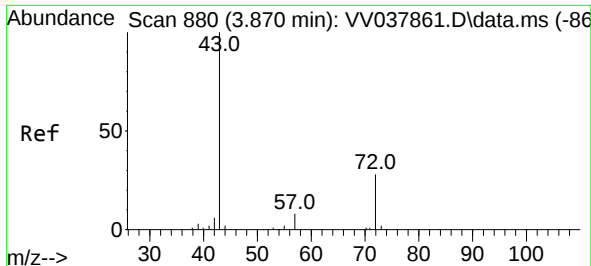
Ion Ratio Lower Upper

96 100

61 124.1 85.0 157.8

98 66.7 44.2 82.0

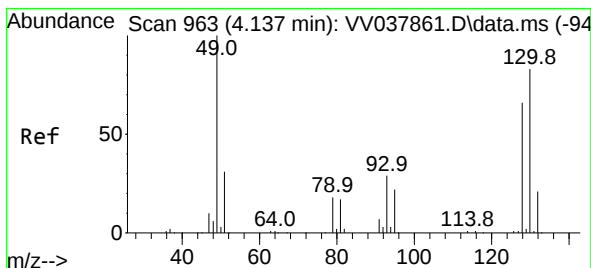
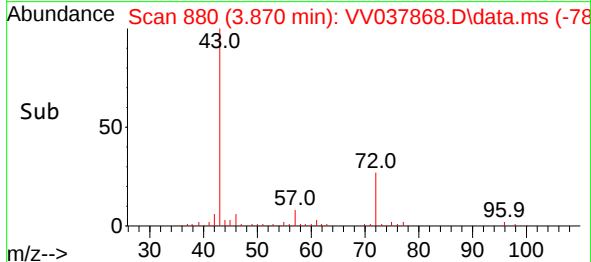
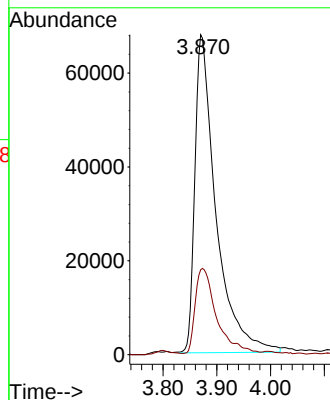
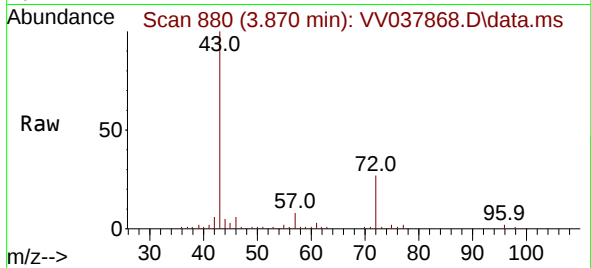




#22
2-Butanone
Concen: 93.714 ug/L
RT: 3.870 min Scan# 880
Delta R.T. -0.000 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

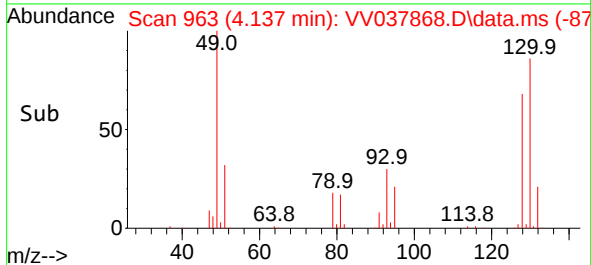
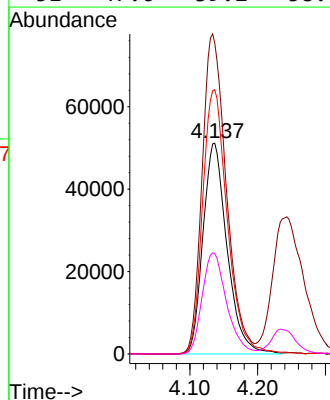
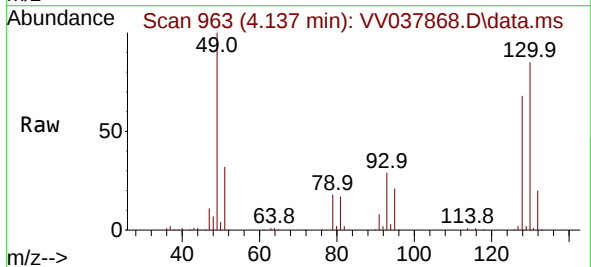
Instrument :
MSVOA_V
ClientSampleId :

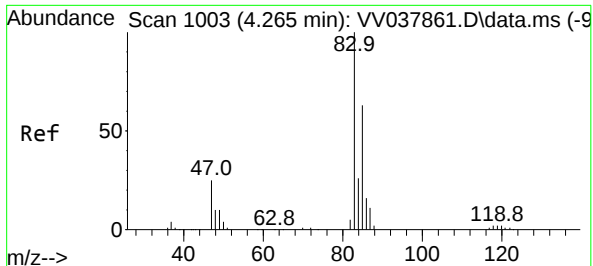
Tgt Ion: 43 Resp: 184583
Ion Ratio Lower Upper
43 100
72 25.1 14.3 42.9



#23
Bromochloromethane
Concen: 53.293 ug/L
RT: 4.137 min Scan# 963
Delta R.T. -0.000 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

Tgt Ion:128 Resp: 126142
Ion Ratio Lower Upper
128 100
49 147.5 108.7 201.9
130 125.5 90.4 168.0
51 47.6 39.2 58.8





#25

Chloroform

Concen: 53.852 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. -0.000 min

Lab File: VV037868.D

Acq: 15 Oct 2024 14:17

Instrument :

MSVOA_V

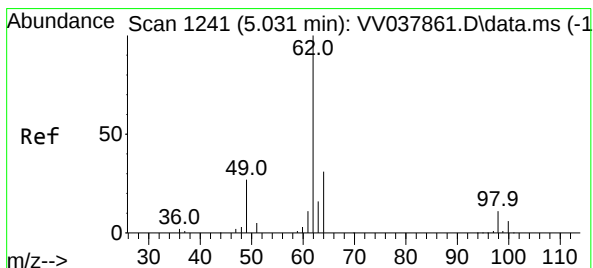
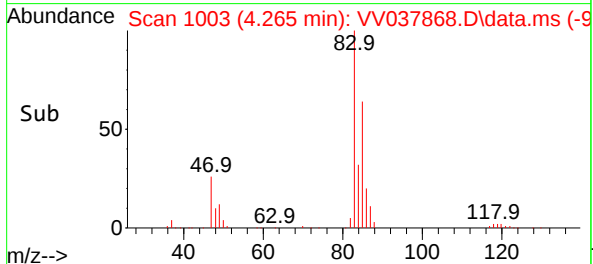
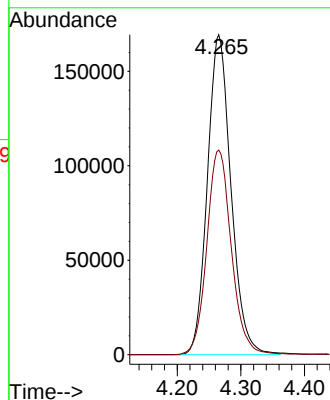
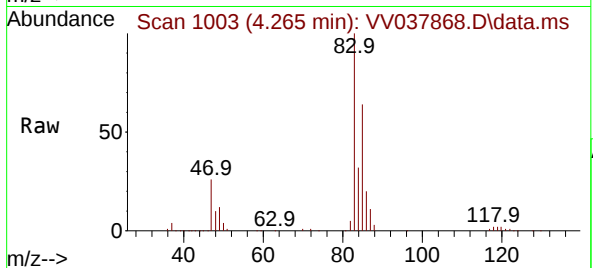
ClientSampleId :

Tgt Ion: 83 Resp: 436814

Ion Ratio Lower Upper

83 100

85 63.9 45.1 83.7



#27

1,2-Dichloroethane

Concen: 54.294 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. 0.003 min

Lab File: VV037868.D

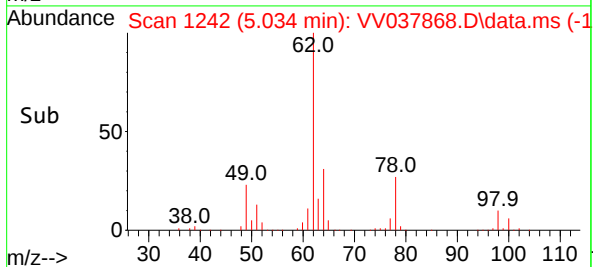
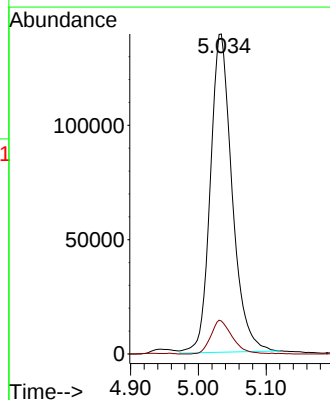
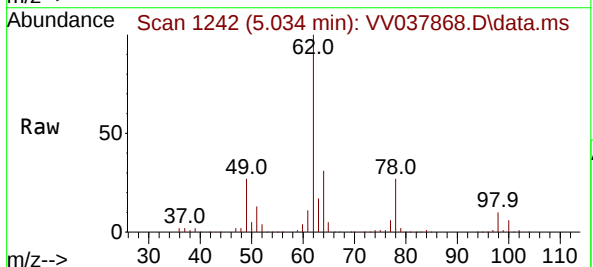
Acq: 15 Oct 2024 14:17

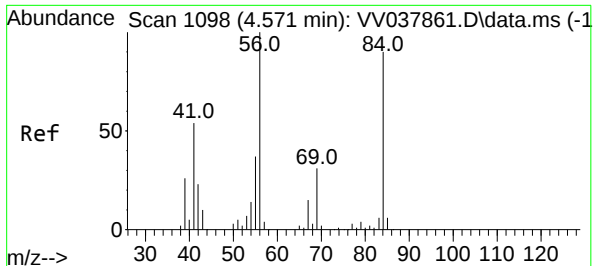
Tgt Ion: 62 Resp: 310904

Ion Ratio Lower Upper

62 100

98 10.3 8.4 12.6





#29

Cyclohexane

Concen: 43.821 ug/L

RT: 4.568 min Scan# 1097

Delta R.T. -0.003 min

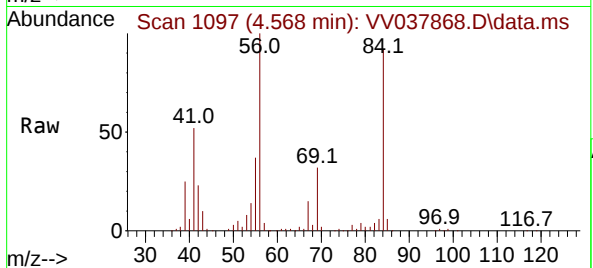
Lab File: VV037868.D

Acq: 15 Oct 2024 14:17

Instrument :

MSVOA_V

ClientSampleId :



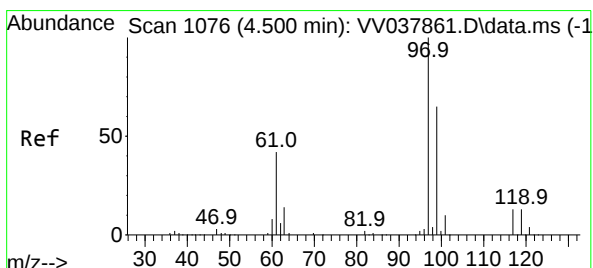
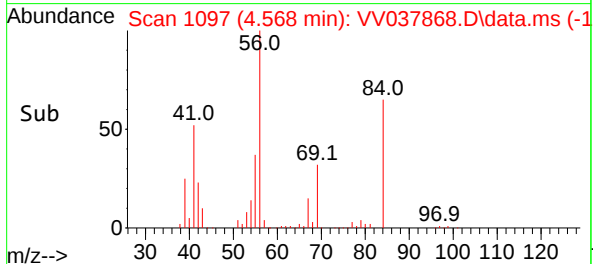
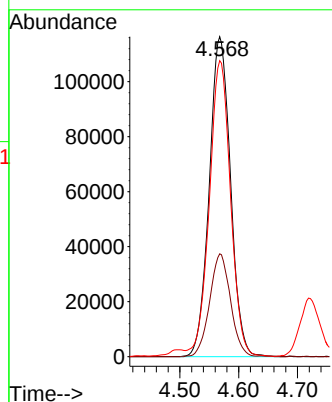
Tgt Ion: 56 Resp: 291673

Ion Ratio Lower Upper

56 100

69 31.6 24.7 37.1

84 92.4 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 50.816 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VV037868.D

Acq: 15 Oct 2024 14:17

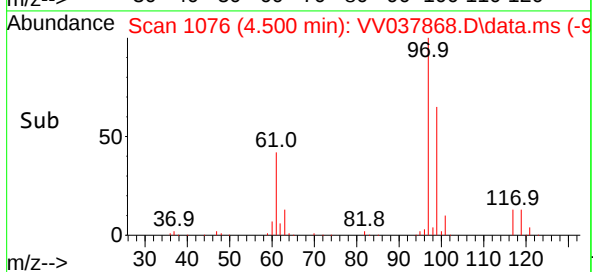
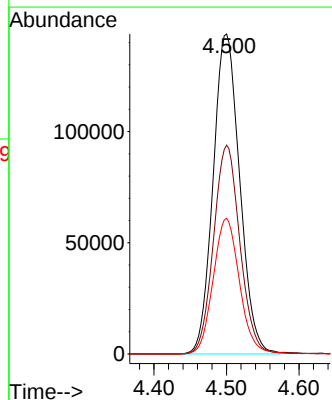
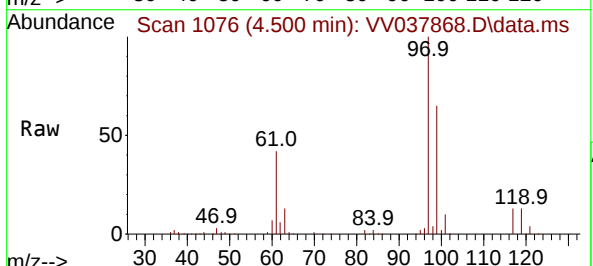
Tgt Ion: 97 Resp: 366898

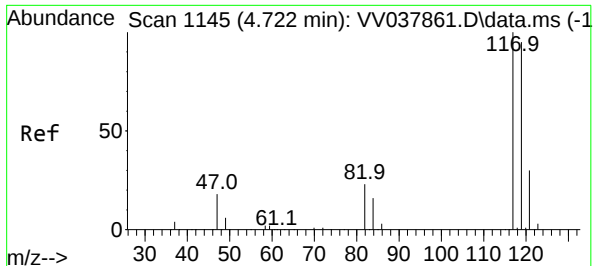
Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.6

61 42.0 33.6 50.4

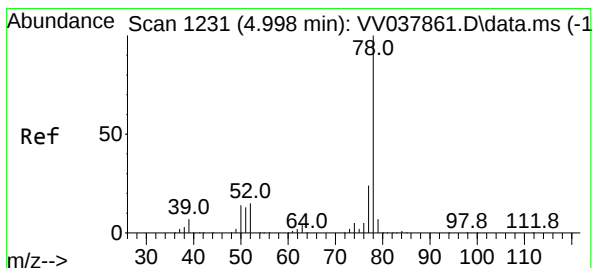
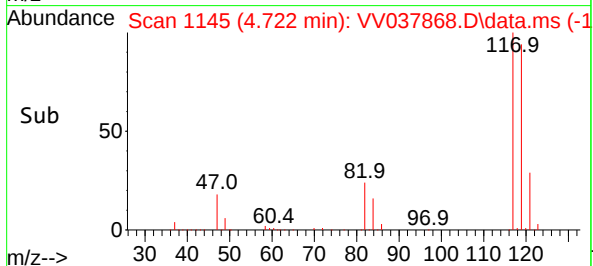
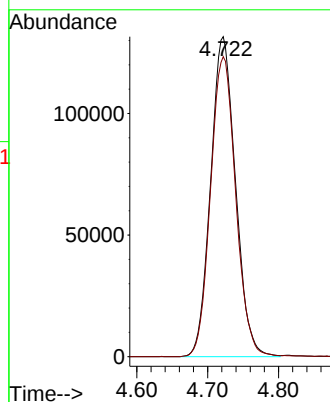
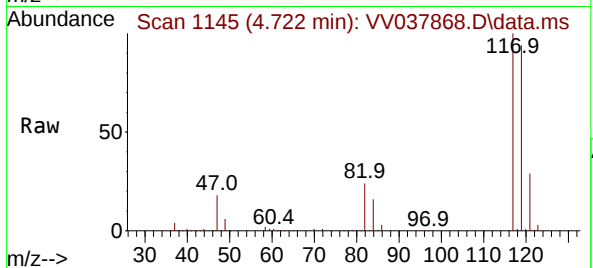




#31
Carbon tetrachloride
Concen: 51.087 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

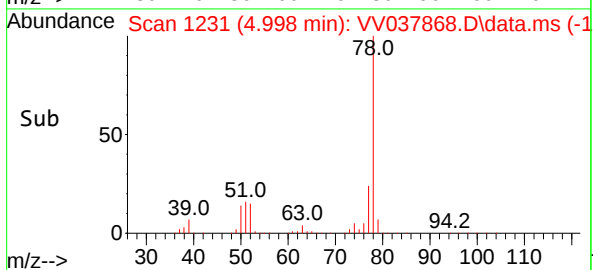
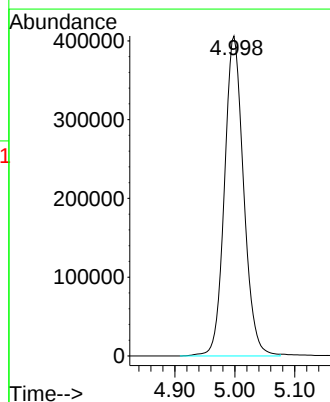
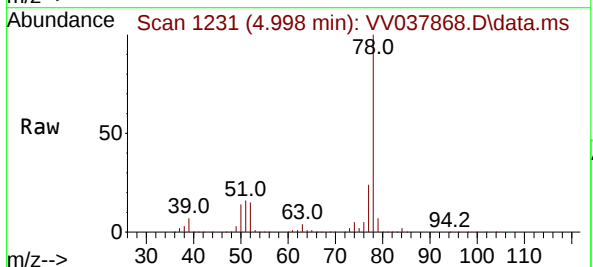
Instrument :
MSVOA_V
ClientSampleId :

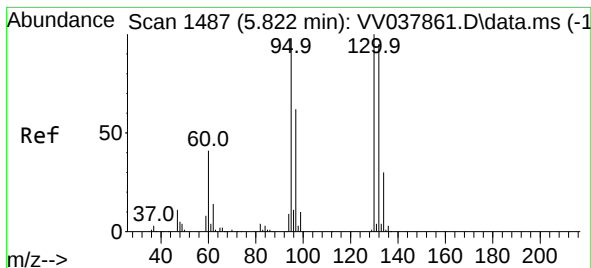
Tgt Ion:117 Resp: 320687
Ion Ratio Lower Upper
117 100
119 94.9 76.9 115.3



#33
Benzene
Concen: 50.875 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

Tgt Ion: 78 Resp: 899466





#34

Trichloroethene

Concen: 50.171 ug/L

RT: 5.822 min Scan# 1487

Delta R.T. -0.000 min

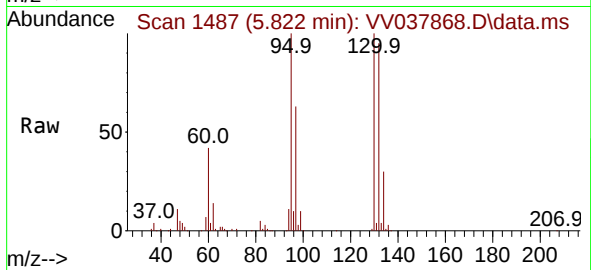
Lab File: VV037868.D

Acq: 15 Oct 2024 14:17

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 236225

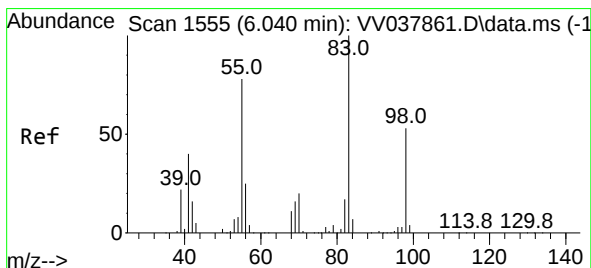
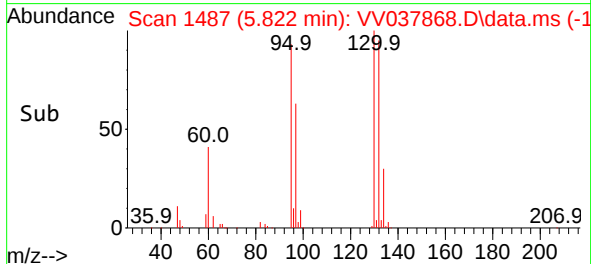
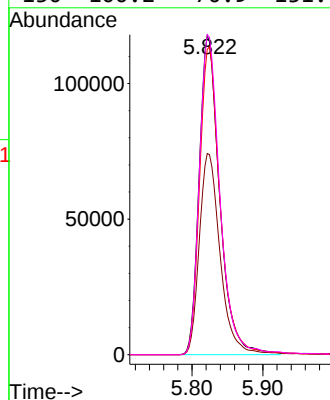
Ion Ratio Lower Upper

95 100

97 63.0 46.3 85.9

132 95.6 68.6 127.4

130 100.2 70.9 131.7



#35

Methylcyclohexane

Concen: 45.845 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VV037868.D

Acq: 15 Oct 2024 14:17

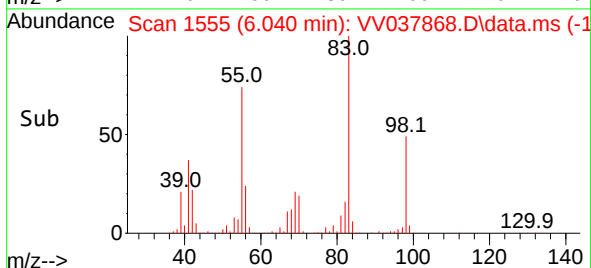
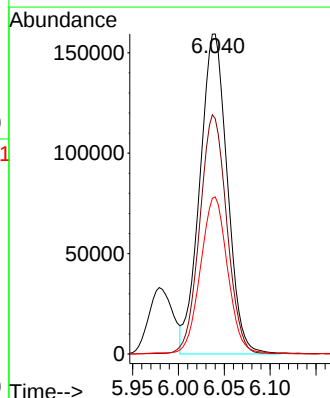
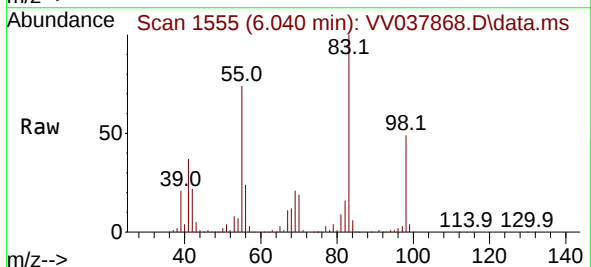
Tgt Ion: 83 Resp: 332062

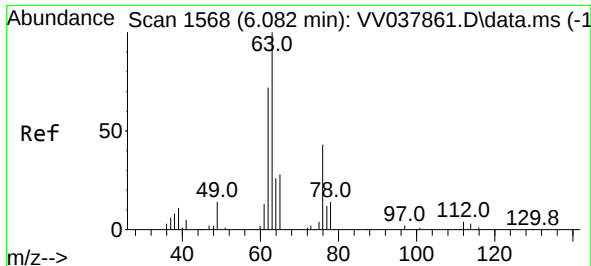
Ion Ratio Lower Upper

83 100

55 73.5 57.9 86.9

98 48.6 39.3 58.9





#37

1,2-Dichloropropane

Concen: 52.547 ug/L

RT: 6.085 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV037868.D

Acq: 15 Oct 2024 14:17

Instrument :

MSVOA_V

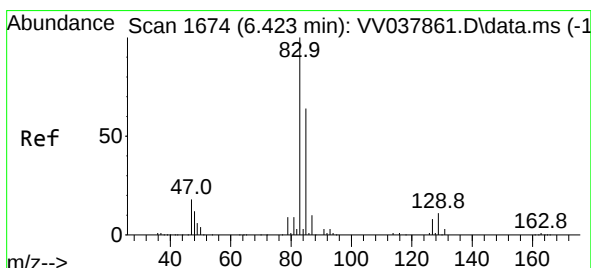
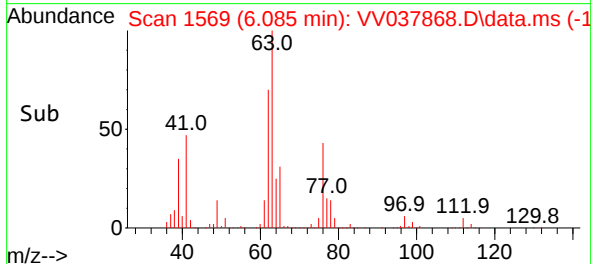
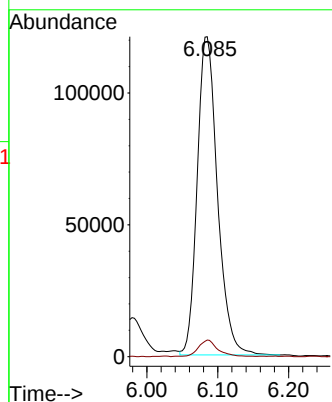
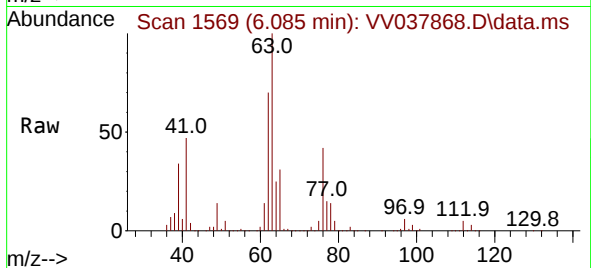
ClientSampleId :

Tgt Ion: 63 Resp: 239900

Ion Ratio Lower Upper

63 100

112 5.0 3.5 5.3



#38

Bromodichloromethane

Concen: 52.696 ug/L

RT: 6.423 min Scan# 1674

Delta R.T. -0.000 min

Lab File: VV037868.D

Acq: 15 Oct 2024 14:17

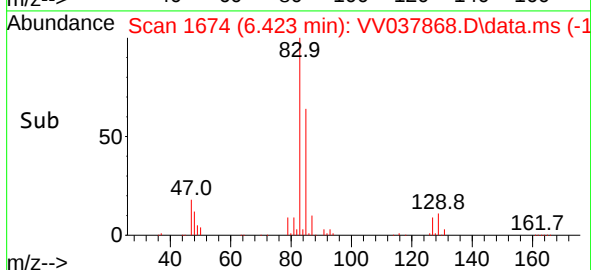
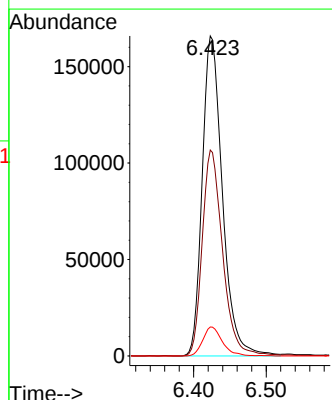
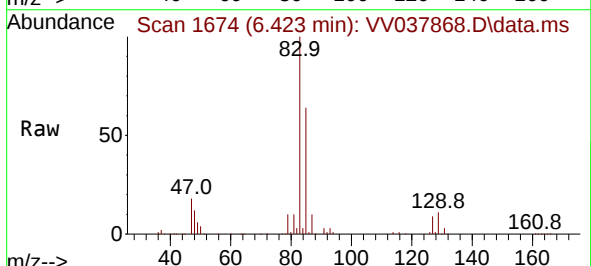
Tgt Ion: 83 Resp: 321608

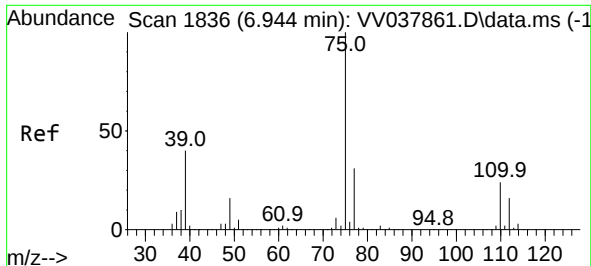
Ion Ratio Lower Upper

83 100

85 64.4 45.7 84.9

127 9.0 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 51.040 ug/L

RT: 6.947 min Scan# 1836

Delta R.T. 0.003 min

Lab File: VV037868.D

Acq: 15 Oct 2024 14:17

Instrument :

MSVOA_V

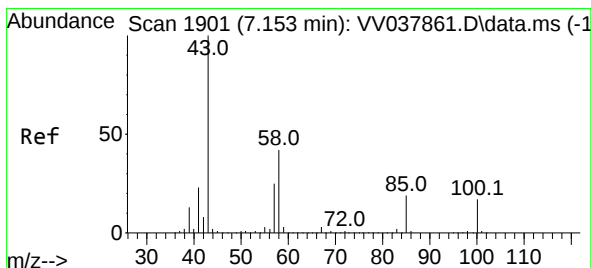
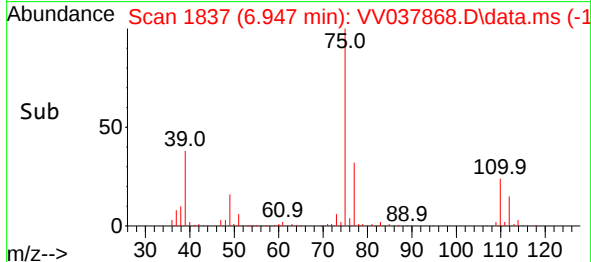
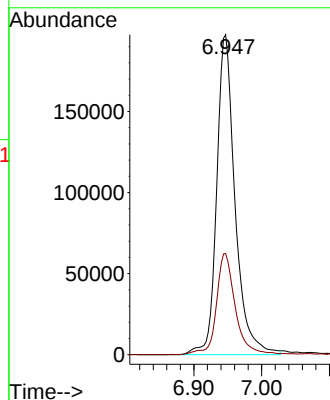
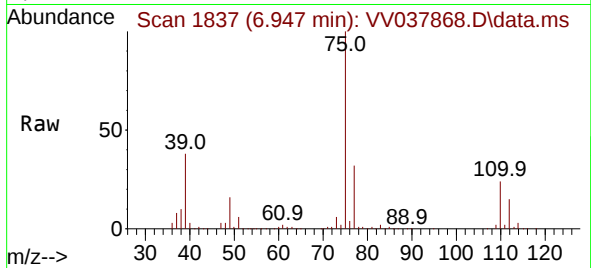
ClientSampleId :

Tgt Ion: 75 Resp: 371964

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 101.972 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VV037868.D

Acq: 15 Oct 2024 14:17

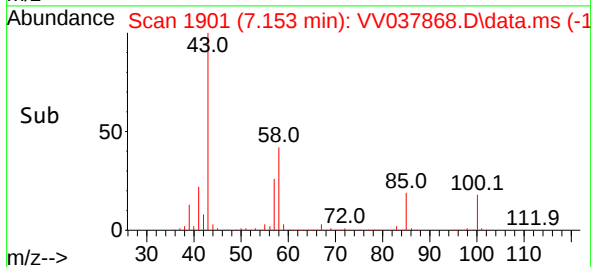
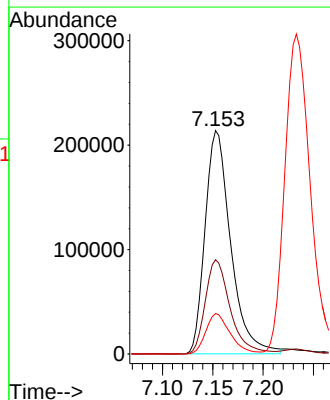
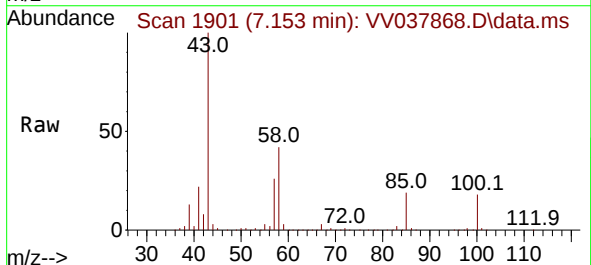
Tgt Ion: 43 Resp: 379054

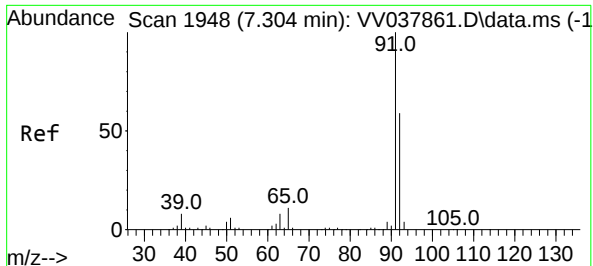
Ion Ratio Lower Upper

43 100

58 41.0 33.0 49.4

100 17.2 13.7 20.5

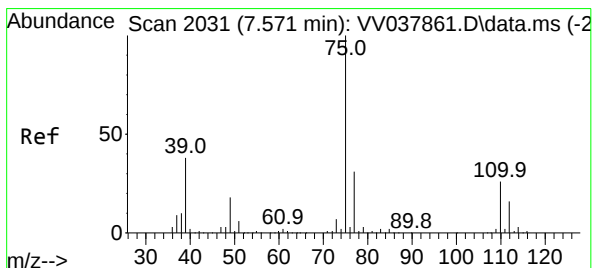
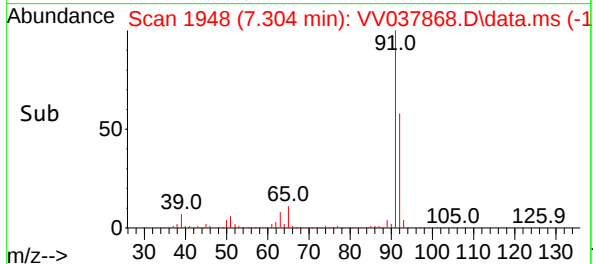
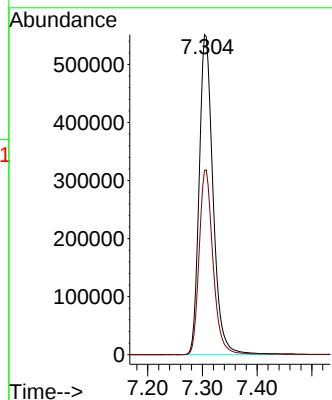
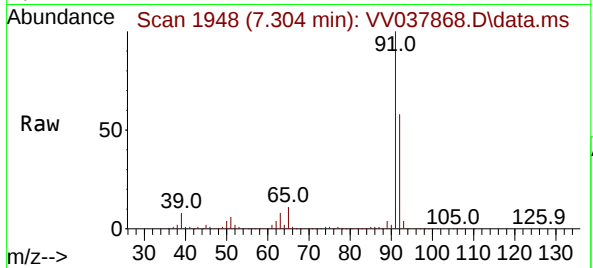




#42
Toluene
Concen: 52.888 ug/L
RT: 7.304 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

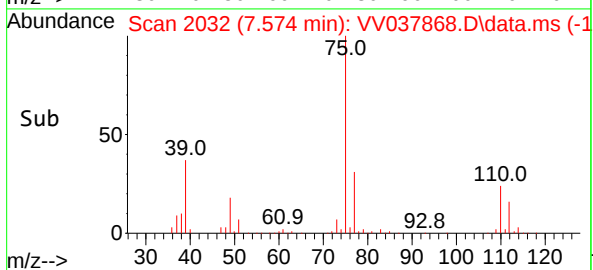
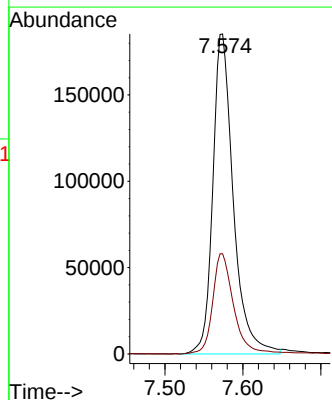
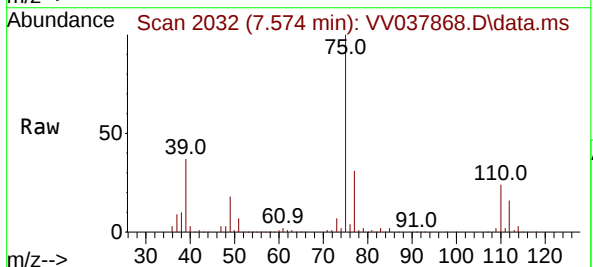
Instrument :
MSVOA_V
ClientSampleId :

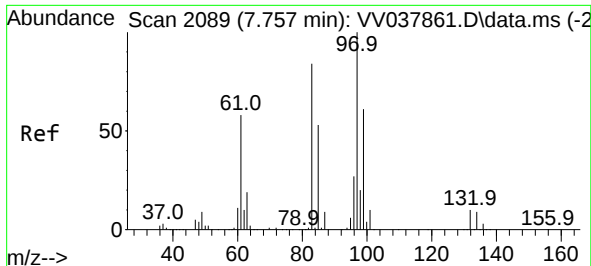
Tgt Ion: 91 Resp: 969360
Ion Ratio Lower Upper
91 100
92 57.6 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 51.626 ug/L
RT: 7.574 min Scan# 2032
Delta R.T. 0.003 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

Tgt Ion: 75 Resp: 338728
Ion Ratio Lower Upper
75 100
77 31.3 21.9 40.7

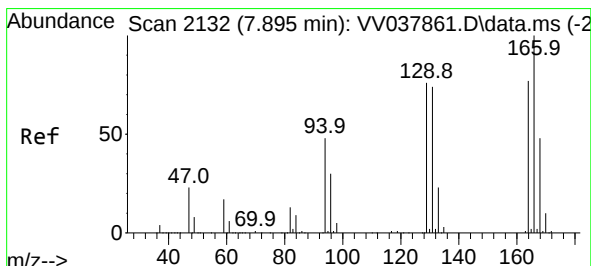
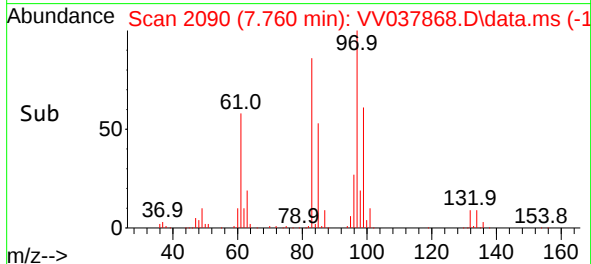
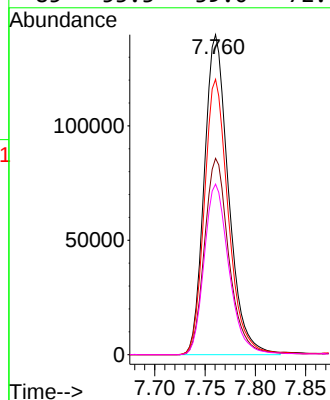
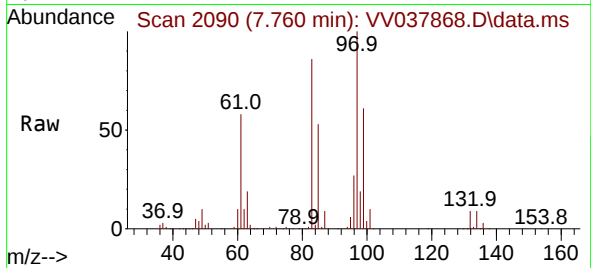




#45
1,1,2-Trichloroethane
Concen: 53.641 ug/L
RT: 7.760 min Scan# 2089
Delta R.T. 0.003 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

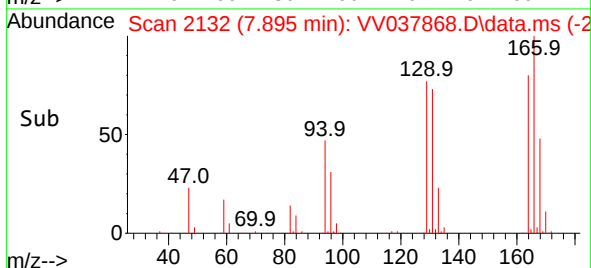
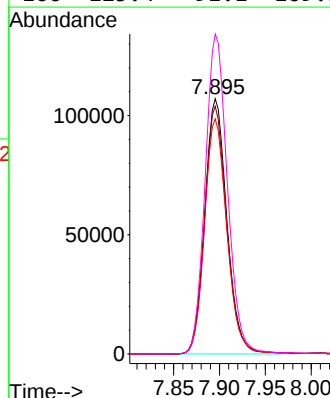
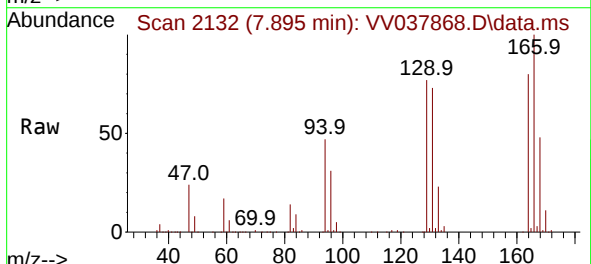
Instrument :
MSVOA_V
ClientSampleId :

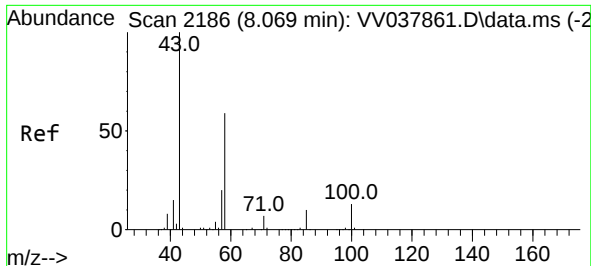
Tgt Ion: 97	Resp: 235149
Ion Ratio	Lower Upper
97 100	
99 61.4	44.1 81.9
83 86.1	59.3 110.1
85 53.3	39.0 72.4



#46
Tetrachloroethene
Concen: 49.872 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

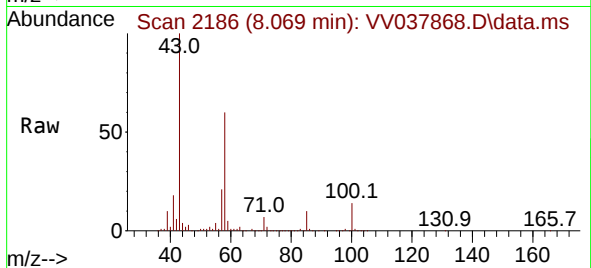
Tgt	Ion:164	Resp:	179534
Ion	Ratio	Lower	Upper
164	100		
129	97.1	68.2	126.6
131	92.1	66.1	122.8
166	125.4	91.1	169.1



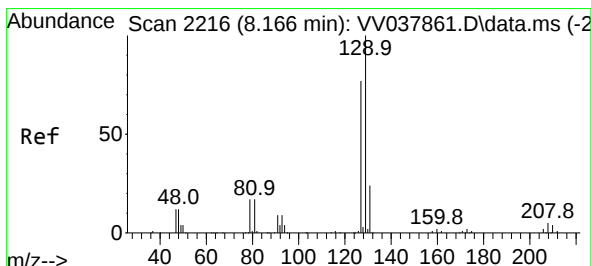
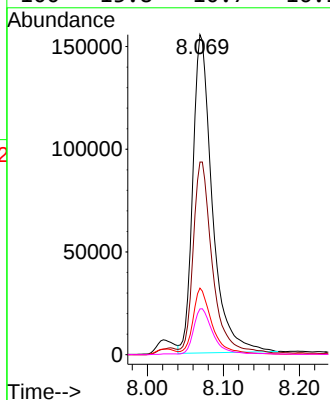
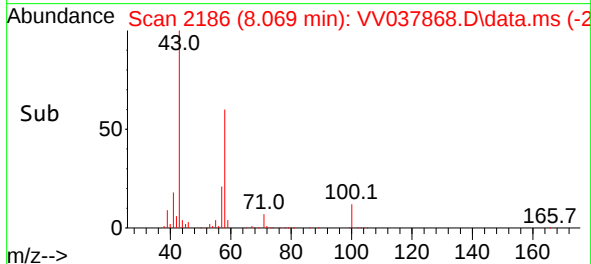


#48
2-Hexanone
Concen: 95.655 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

Instrument :
MSVOA_V
ClientSampleId :

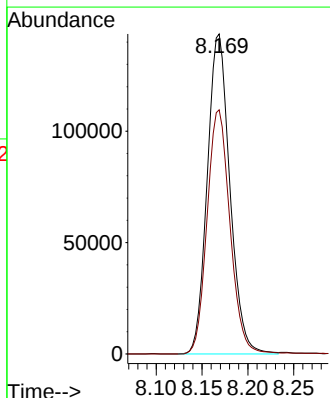
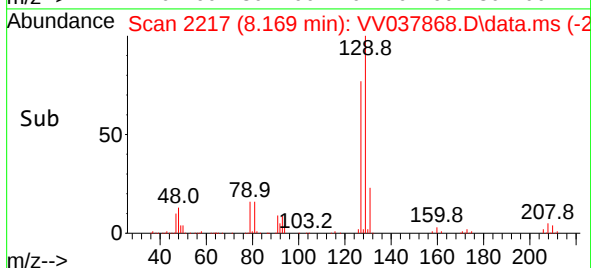
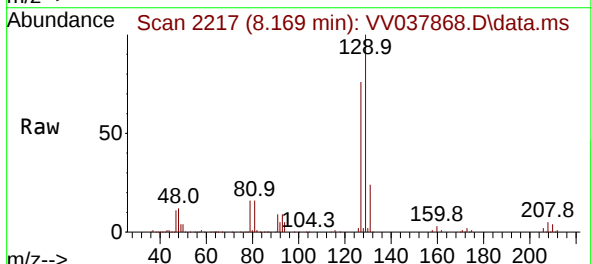


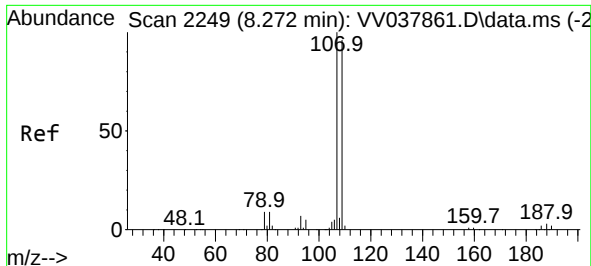
Tgt Ion: 43 Resp: 276486
Ion Ratio Lower Upper
43 100
58 59.4 46.5 69.7
57 20.7 15.1 22.7
100 13.8 10.7 16.1



#49
Dibromochloromethane
Concen: 53.141 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

Tgt Ion: 129 Resp: 246556
Ion Ratio Lower Upper
129 100
127 76.3 54.9 101.9

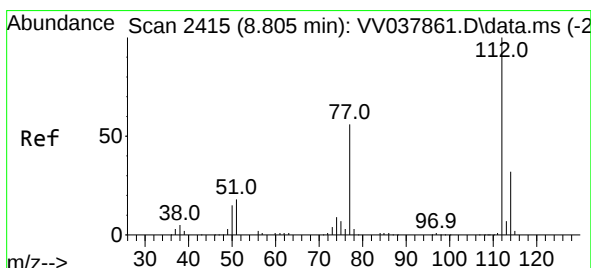
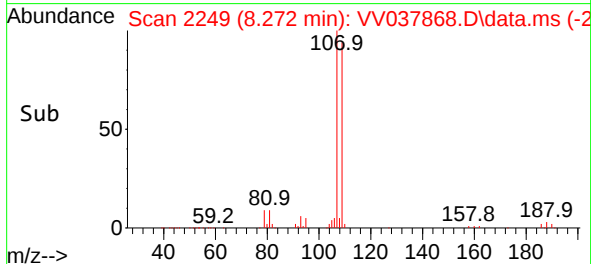
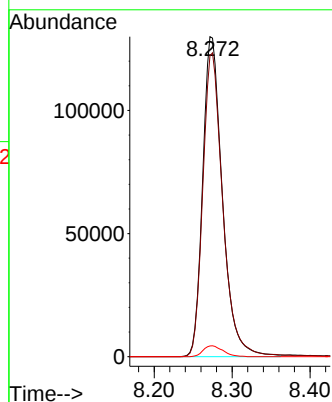
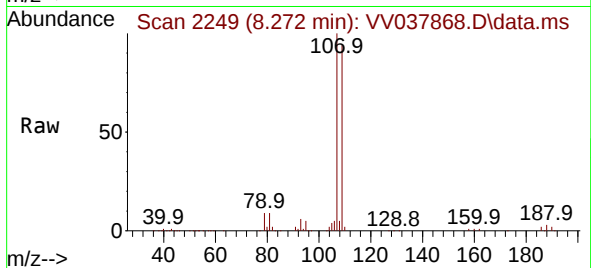




#50
1,2-Dibromoethane
Concen: 50.440 ug/L
RT: 8.272 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

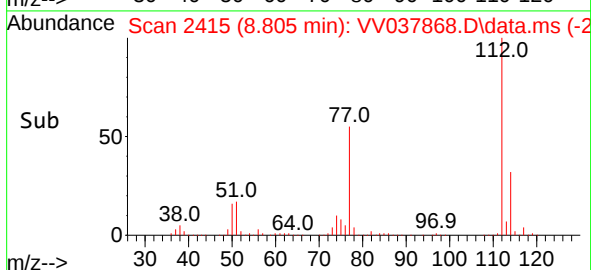
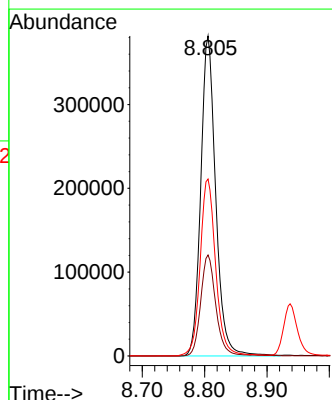
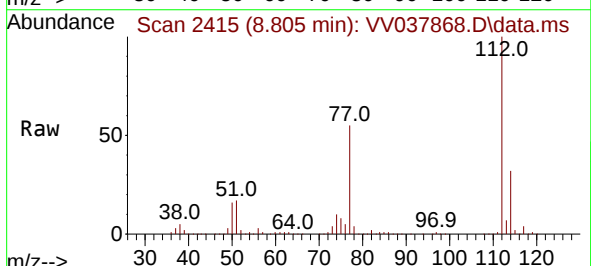
Instrument :
MSVOA_V
ClientSampleId :

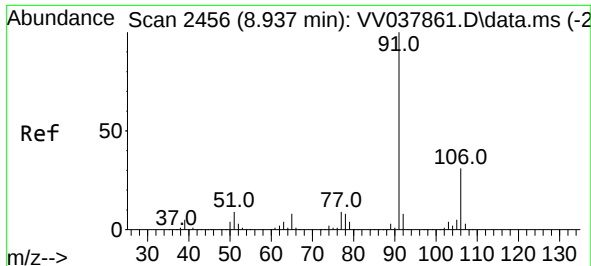
Tgt Ion:107 Resp: 228568
Ion Ratio Lower Upper
107 100
109 94.1 65.7 121.9
188 3.3 2.8 4.2



#51
Chlorobenzene
Concen: 51.038 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

Tgt Ion:112 Resp: 637324
Ion Ratio Lower Upper
112 100
114 31.6 22.5 41.7
77 55.3 45.8 68.8

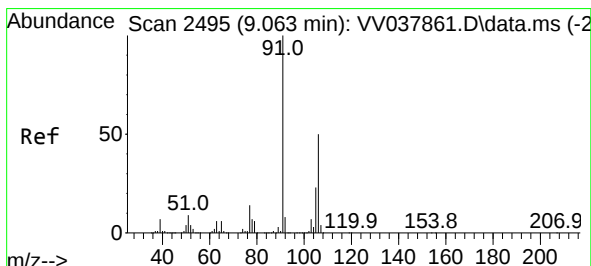
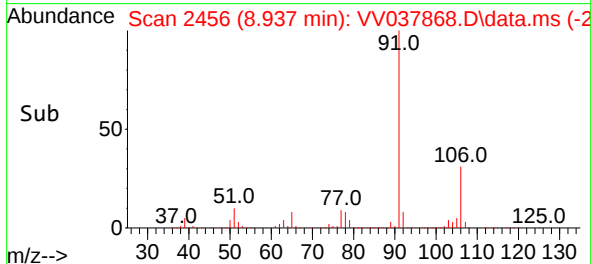
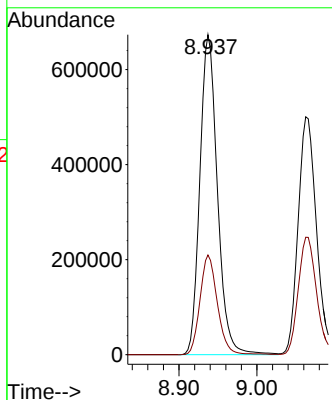
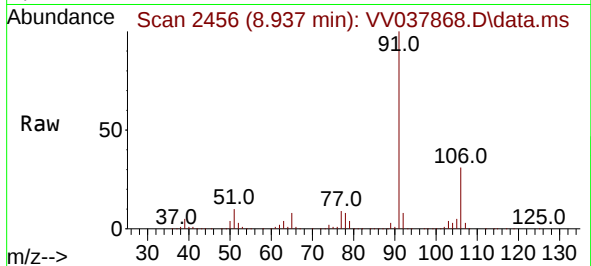




#52
Ethylbenzene
Concen: 50.965 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. -0.000 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

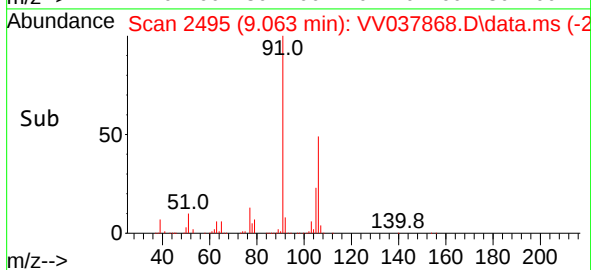
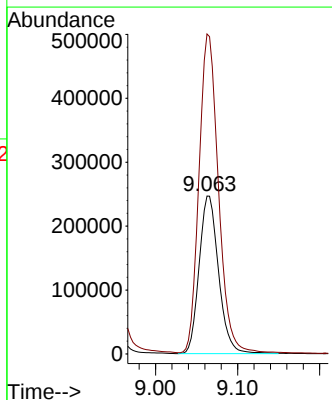
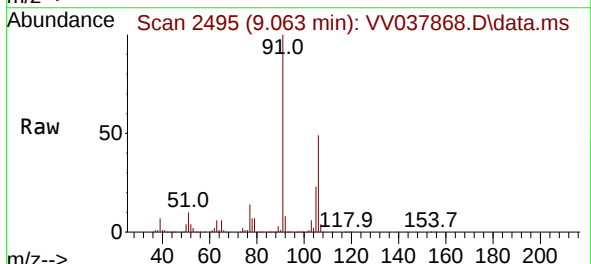
Instrument :
MSVOA_V
ClientSampleId :

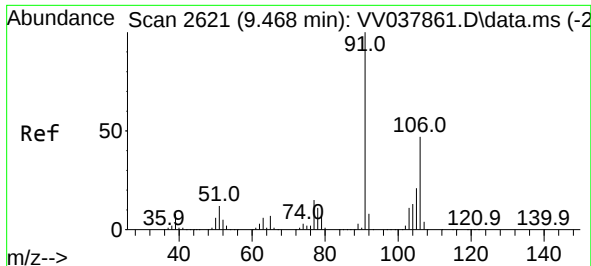
Tgt Ion: 91 Resp: 1051490
Ion Ratio Lower Upper
91 100
106 31.1 21.9 40.7



#53
m,p-Xylene
Concen: 52.744 ug/L
RT: 9.063 min Scan# 2495
Delta R.T. -0.000 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

Tgt Ion: 106 Resp: 404989
Ion Ratio Lower Upper
106 100
91 202.7 142.0 263.6

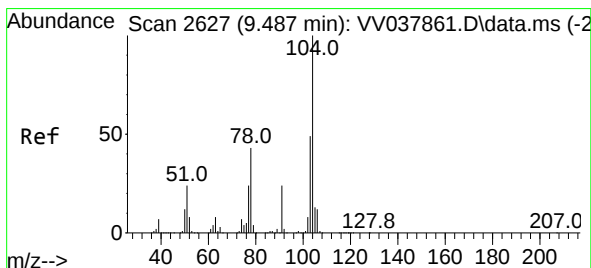
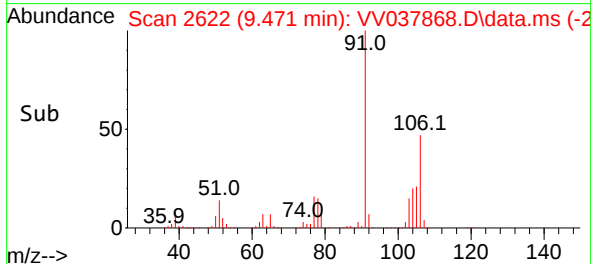
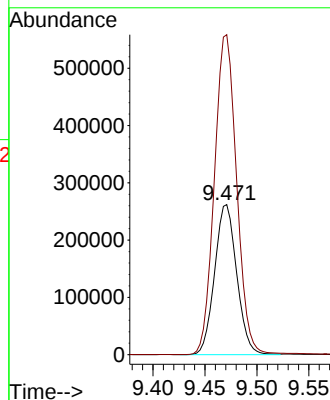
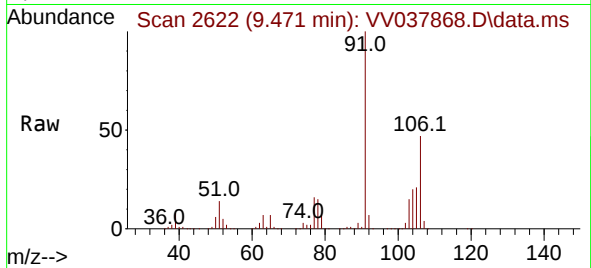




#54
o-Xylene
Concen: 51.803 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

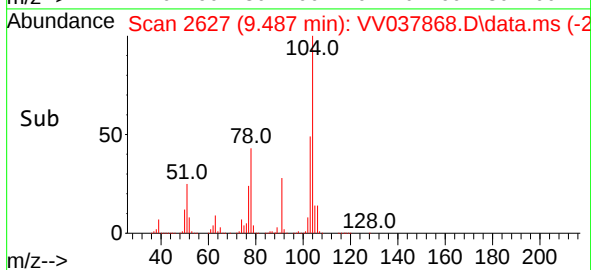
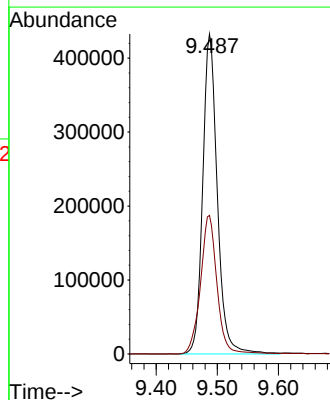
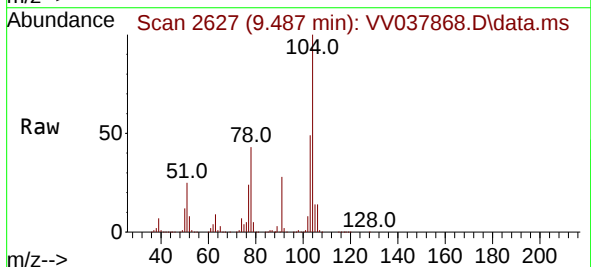
Instrument :
MSVOA_V
ClientSampleId :

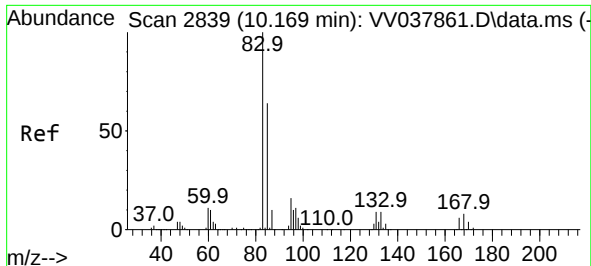
Tgt Ion:106 Resp: 388337
Ion Ratio Lower Upper
106 100
91 213.3 153.9 285.9



#55
Styrene
Concen: 54.923 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

Tgt Ion:104 Resp: 716753
Ion Ratio Lower Upper
104 100
78 43.3 30.0 55.6





#57

1,1,2,2-Tetrachloroethane

Concen: 51.922 ug/L

RT: 10.169 min Scan# 2839

Delta R.T. -0.000 min

Lab File: VV037868.D

Acq: 15 Oct 2024 14:17

Instrument :

MSVOA_V

ClientSampleId :

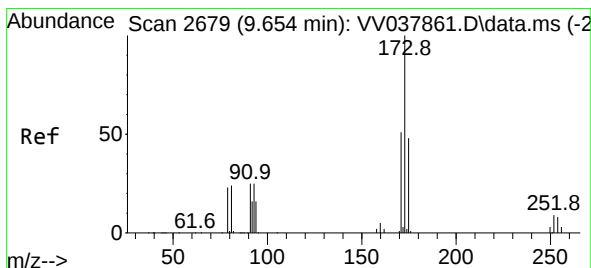
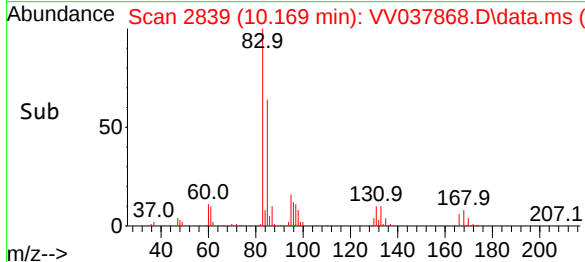
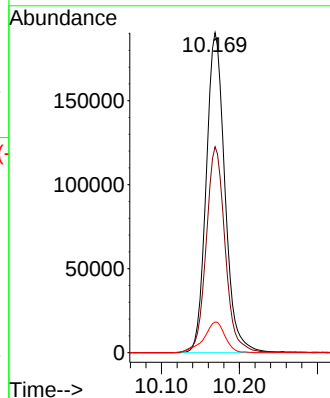
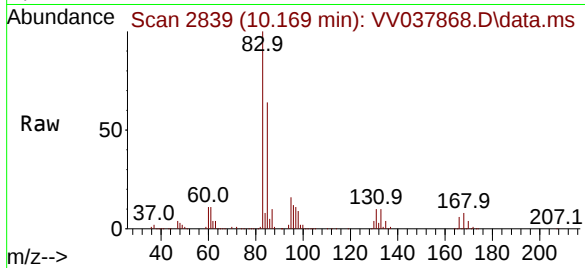
Tgt Ion: 83 Resp: 317339

Ion Ratio Lower Upper

83 100

85 64.3 45.9 85.3

131 9.6 7.9 11.9



#59

Bromoform

Concen: 50.720 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. 0.003 min

Lab File: VV037868.D

Acq: 15 Oct 2024 14:17

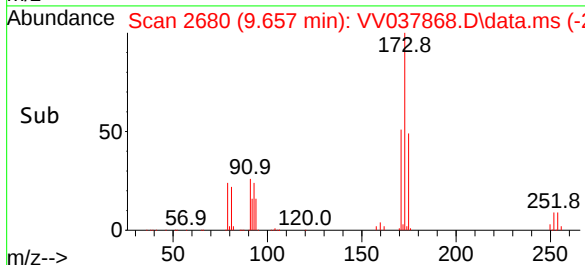
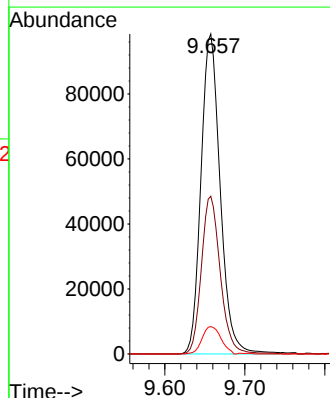
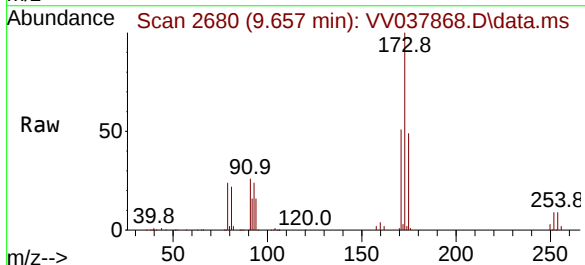
Tgt Ion: 173 Resp: 164732

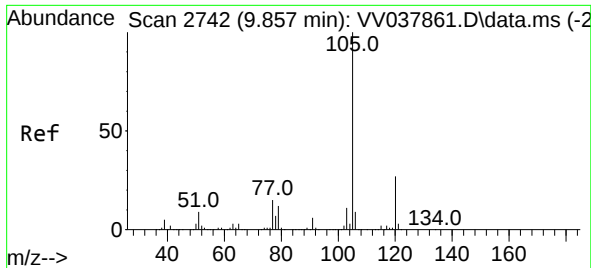
Ion Ratio Lower Upper

173 100

175 48.3 40.0 60.0

254 8.4 6.5 9.7

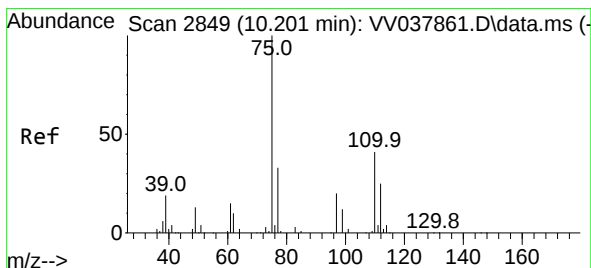
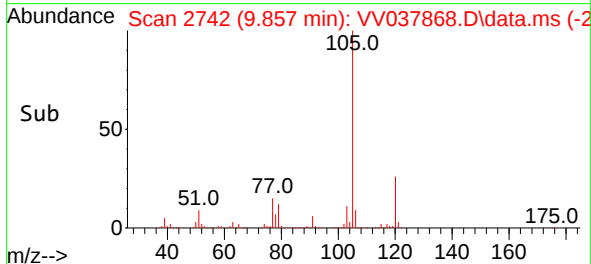
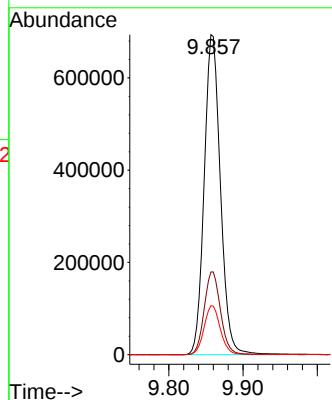
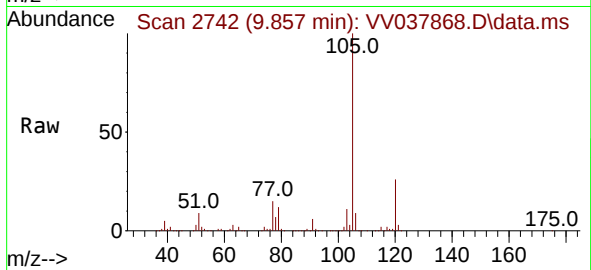




#60
Isopropylbenzene
Concen: 48.672 ug/L
RT: 9.857 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

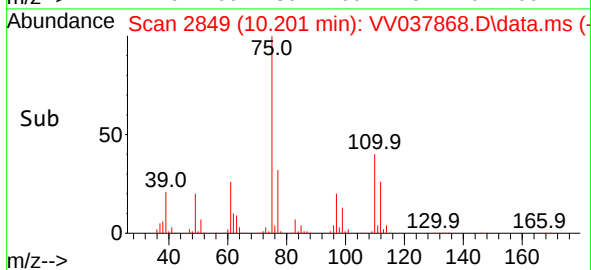
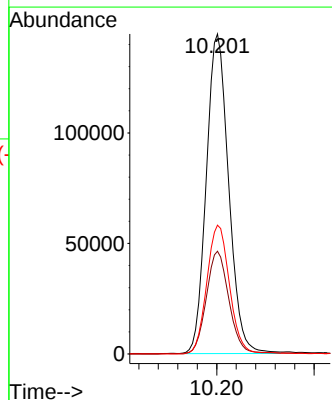
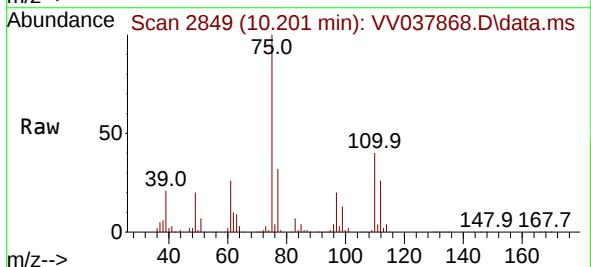
Instrument :
MSVOA_V
ClientSampleId :

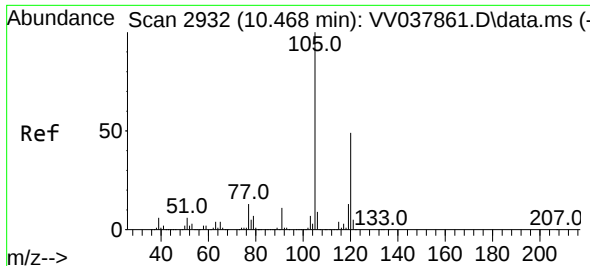
Tgt Ion:105 Resp: 1051531
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1
77 15.3 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 48.705 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.000 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

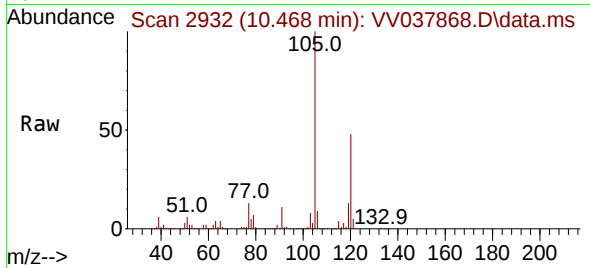
Tgt Ion: 75 Resp: 230306
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
110 40.9 31.7 47.5



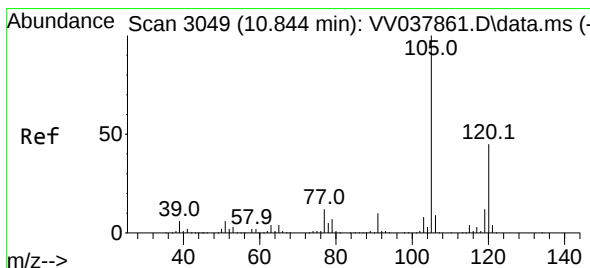
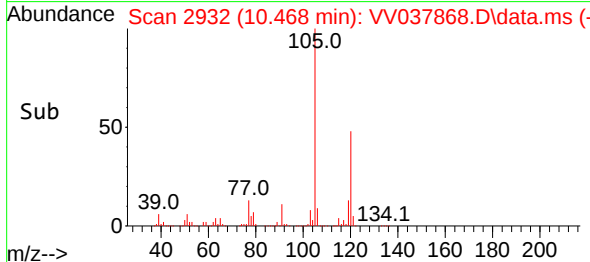
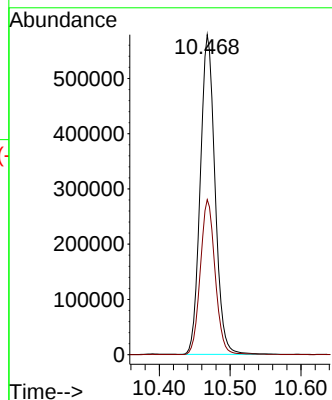


#62
 1,3,5-Trimethylbenzene
 Concen: 48.873 ug/L
 RT: 10.468 min Scan# 2932
 Delta R.T. -0.000 min
 Lab File: VV037868.D
 Acq: 15 Oct 2024 14:17

Instrument :
 MSVOA_V
 ClientSampleId :

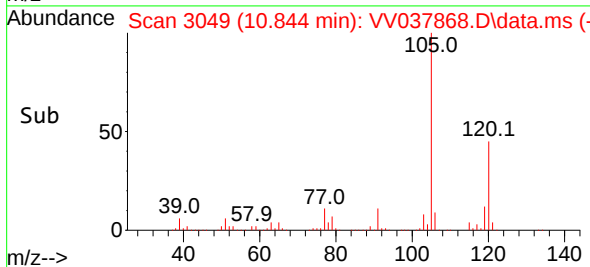
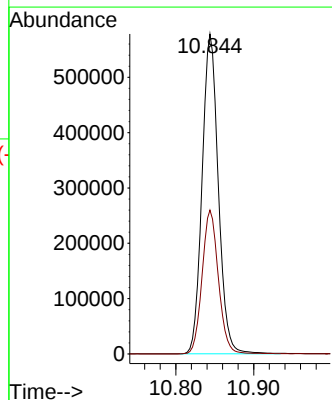
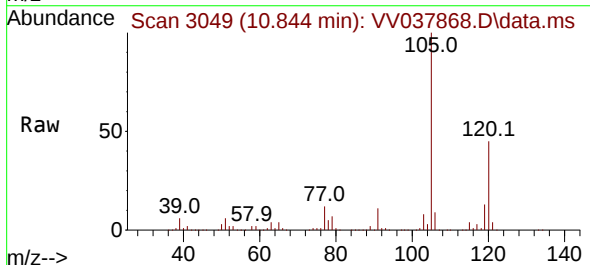


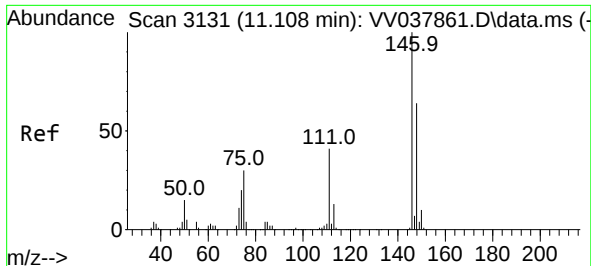
Tgt Ion:105 Resp: 834791
 Ion Ratio Lower Upper
 105 100
 120 48.7 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 49.188 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. -0.000 min
 Lab File: VV037868.D
 Acq: 15 Oct 2024 14:17

Tgt Ion:105 Resp: 835935
 Ion Ratio Lower Upper
 105 100
 120 45.0 36.2 54.2

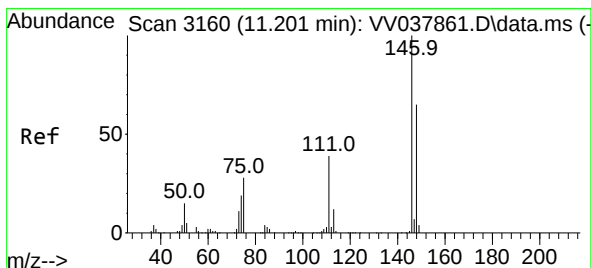
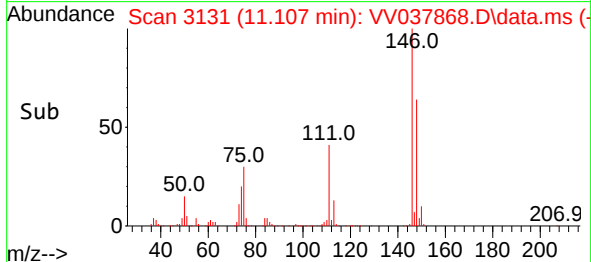
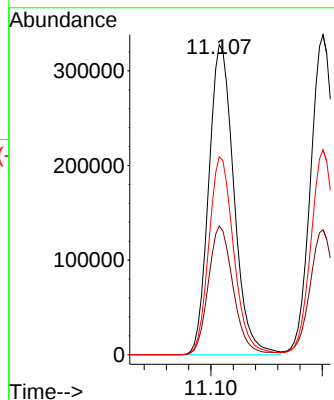
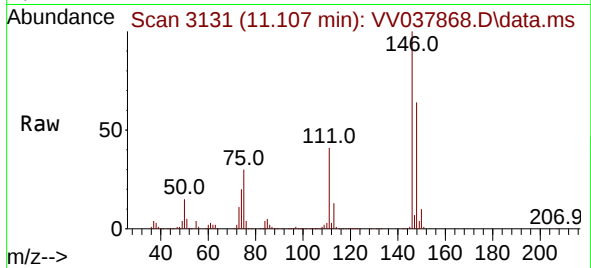




#64
1,3-Dichlorobenzene
Concen: 49.445 ug/L
RT: 11.107 min Scan# 3131
Delta R.T. -0.000 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

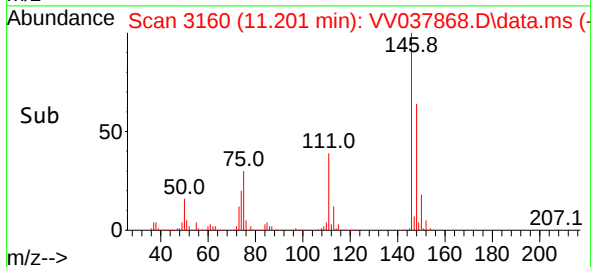
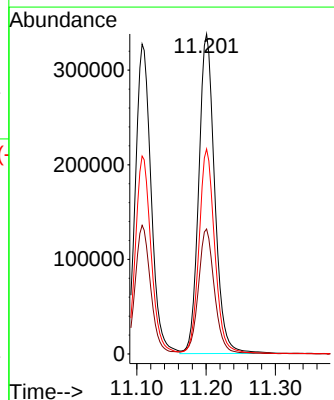
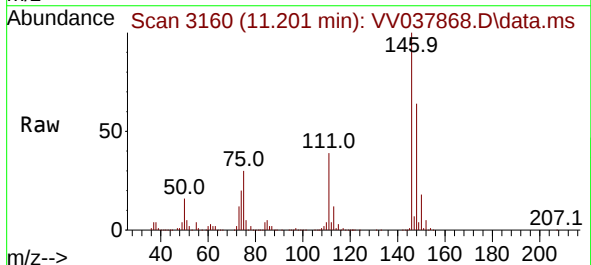
Instrument :
MSVOA_V
ClientSampleId :

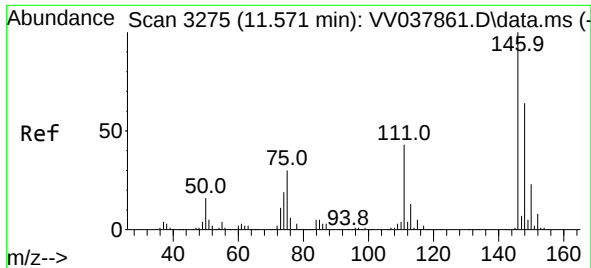
Tgt Ion:146 Resp: 514176
Ion Ratio Lower Upper
146 100
111 41.5 28.3 52.5
148 63.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 50.022 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. -0.000 min
Lab File: VV037868.D
Acq: 15 Oct 2024 14:17

Tgt Ion:146 Resp: 541655
Ion Ratio Lower Upper
146 100
111 39.0 27.6 51.4
148 64.1 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 49.455 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037868.D

Acq: 15 Oct 2024 14:17

Instrument :

MSVOA_V

ClientSampleId :

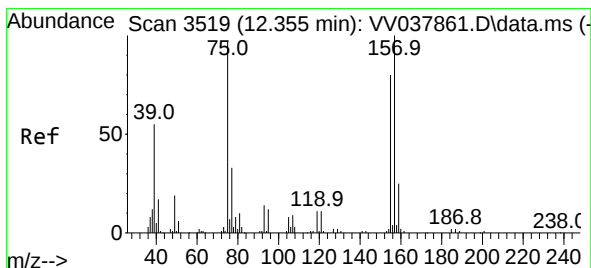
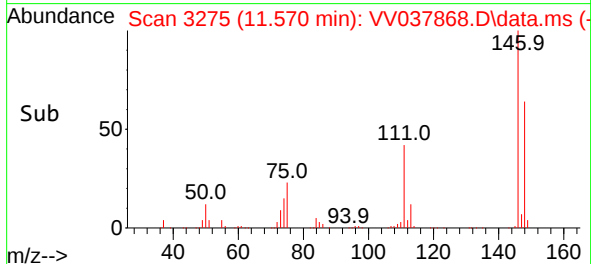
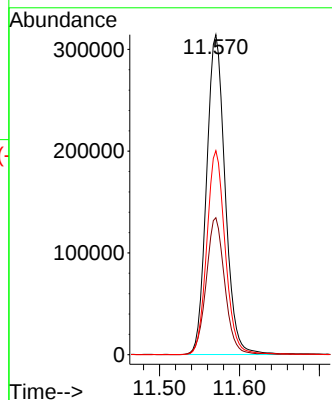
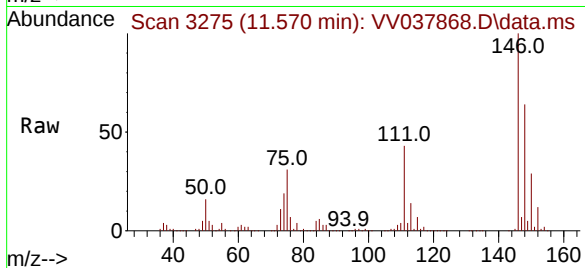
Tgt Ion:146 Resp: 508398

Ion Ratio Lower Upper

146 100

111 42.8 34.2 51.2

148 63.7 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 45.949 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.003 min

Lab File: VV037868.D

Acq: 15 Oct 2024 14:17

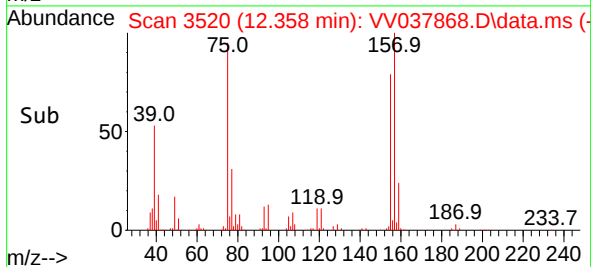
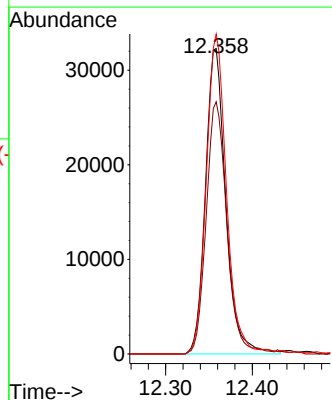
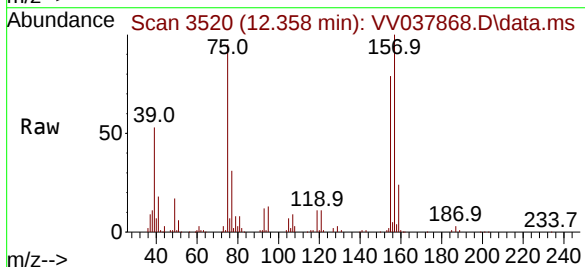
Tgt Ion: 75 Resp: 52742

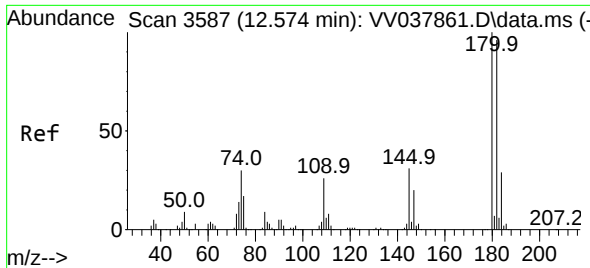
Ion Ratio Lower Upper

75 100

155 82.6 66.2 99.4

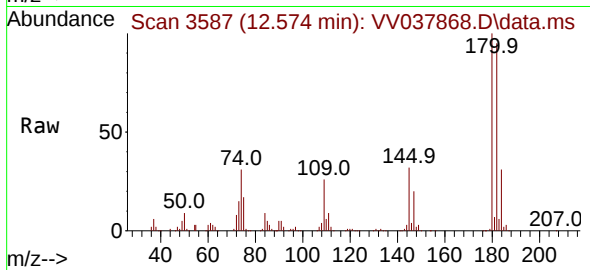
157 104.8 87.3 130.9



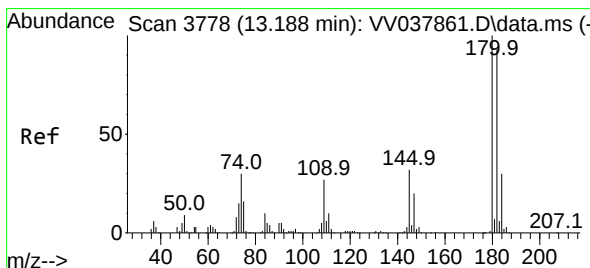
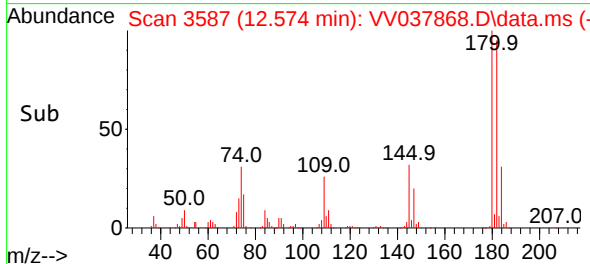
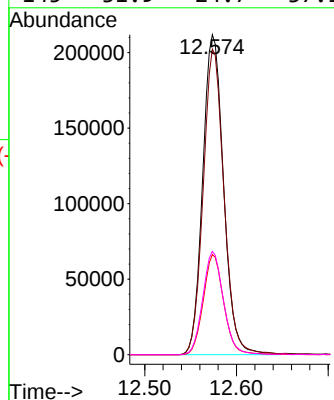


#69
 1,3,5-Trichlorobenzene
 Concen: 46.810 ug/L
 RT: 12.574 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV037868.D
 Acq: 15 Oct 2024 14:17

Instrument :
 MSVOA_V
 ClientSampleId :

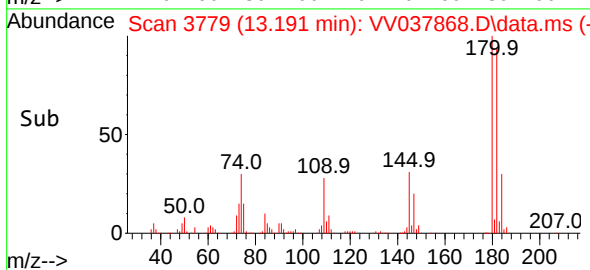
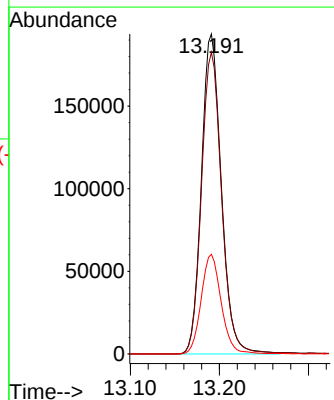
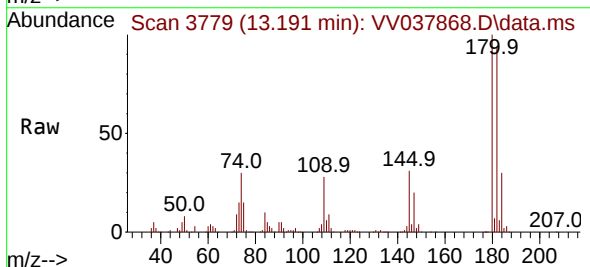


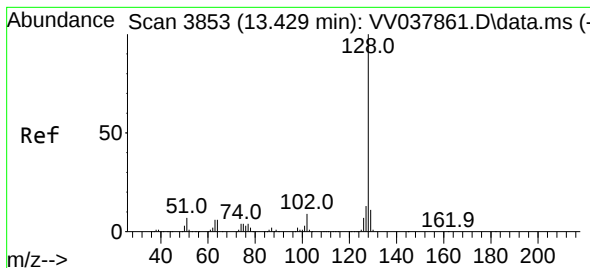
Tgt Ion:180 Resp: 334748
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.6 113.4
 184 30.7 23.8 35.6
 145 31.9 24.7 37.1



#70
 1,2,4-trichlorobenzene
 Concen: 45.367 ug/L
 RT: 13.191 min Scan# 3779
 Delta R.T. 0.003 min
 Lab File: VV037868.D
 Acq: 15 Oct 2024 14:17

Tgt Ion:180 Resp: 301001
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.9 113.9
 145 31.2 25.4 38.2





#71

Naphthalene

Concen: 43.495 ug/L

RT: 13.432 min Scan# 3853

Delta R.T. 0.003 min

Lab File: VV037868.D

Acq: 15 Oct 2024 14:17

Instrument :

MSVOA_V

ClientSampleId :

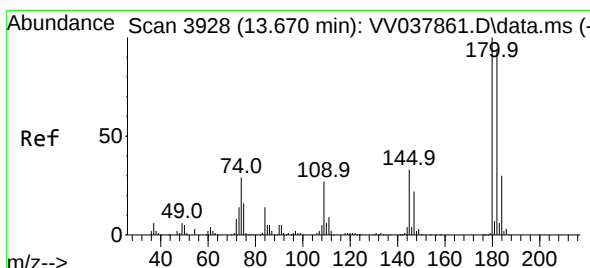
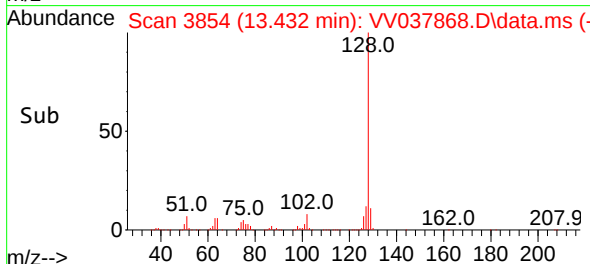
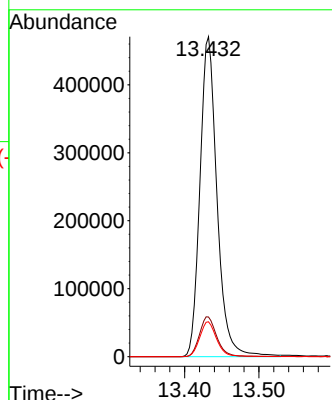
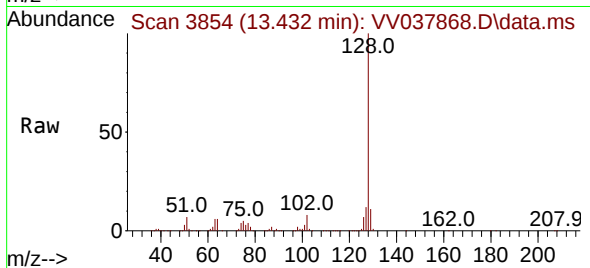
Tgt Ion:128 Resp: 753965

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 46.335 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.003 min

Lab File: VV037868.D

Acq: 15 Oct 2024 14:17

Tgt Ion:180 Resp: 303587

Ion Ratio Lower Upper

180 100

182 95.7 75.8 113.8

145 33.0 26.2 39.4

