

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102124\
 Data File : VV037899.D
 Acq On : 21 Oct 2024 11:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 22 04:56:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 18 23:14:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	529519	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.777	117	526889	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	302286	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	199149	42.843	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.680%
7) Chloroethane-d5	1.532	69	177405	49.169	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.340%
11) 1,1-Dichloroethene-d2	2.057	65	95007	48.922	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.840%
21) 2-Butanone-d5	3.790	46	153440	92.677	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.680%
24) Chloroform-d	4.240	84	454458	54.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.900%
26) 1,2-Dichloroethane-d4	4.931	65	257539	53.204	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.400%
32) Benzene-d6	4.947	84	861643	52.261	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.520%
36) 1,2-Dichloropropane-d6	5.979	67	270260	51.477	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.960%
41) Toluene-d8	7.233	98	792155	52.986	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.980%
43) trans-1,3-Dichloroprop...	7.545	79	121192	49.692	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.380%
47) 2-Hexanone-d5	8.021	63	112619	101.587	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.590%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	316243	51.841	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.680%
66) 1,2-Dichlorobenzene-d4	11.551	152	310240	48.705	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	207662	46.067	ug/L	99
3) Chloromethane	1.221	50	202917	46.366	ug/L	99
5) Vinyl chloride	1.285	62	221799	47.274	ug/L	99
6) Bromomethane	1.487	94	133452	51.254	ug/L	99
8) Chloroethane	1.549	64	141375	48.888	ug/L	98
9) Trichlorofluoromethane	1.712	101	334820	53.016	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	211323	55.996	ug/L	99
12) 1,1-Dichloroethene	2.069	96	181270	51.420	ug/L	81
13) Acetone	2.111	43	149170	91.908	ug/L	98
14) Carbon disulfide	2.237	76	447941	40.707	ug/L	100
15) Methyl Acetate	2.372	43	155991	55.073	ug/L	99
16) Methylene chloride	2.442	84	210262	52.677	ug/L	96
17) trans-1,2-Dichloroethene	2.687	96	189804	50.894	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	615381	57.514	ug/L	99
19) 1,1-Dichloroethane	3.101	63	387837	54.278	ug/L	100
20) cis-1,2-Dichloroethene	3.806	96	227865	54.599	ug/L	100
22) 2-Butanone	3.873	43	176415	98.202	ug/L	97
23) Bromochloromethane	4.134	128	118413	54.851	ug/L	98
25) Chloroform	4.265	83	418581	56.580	ug/L	100

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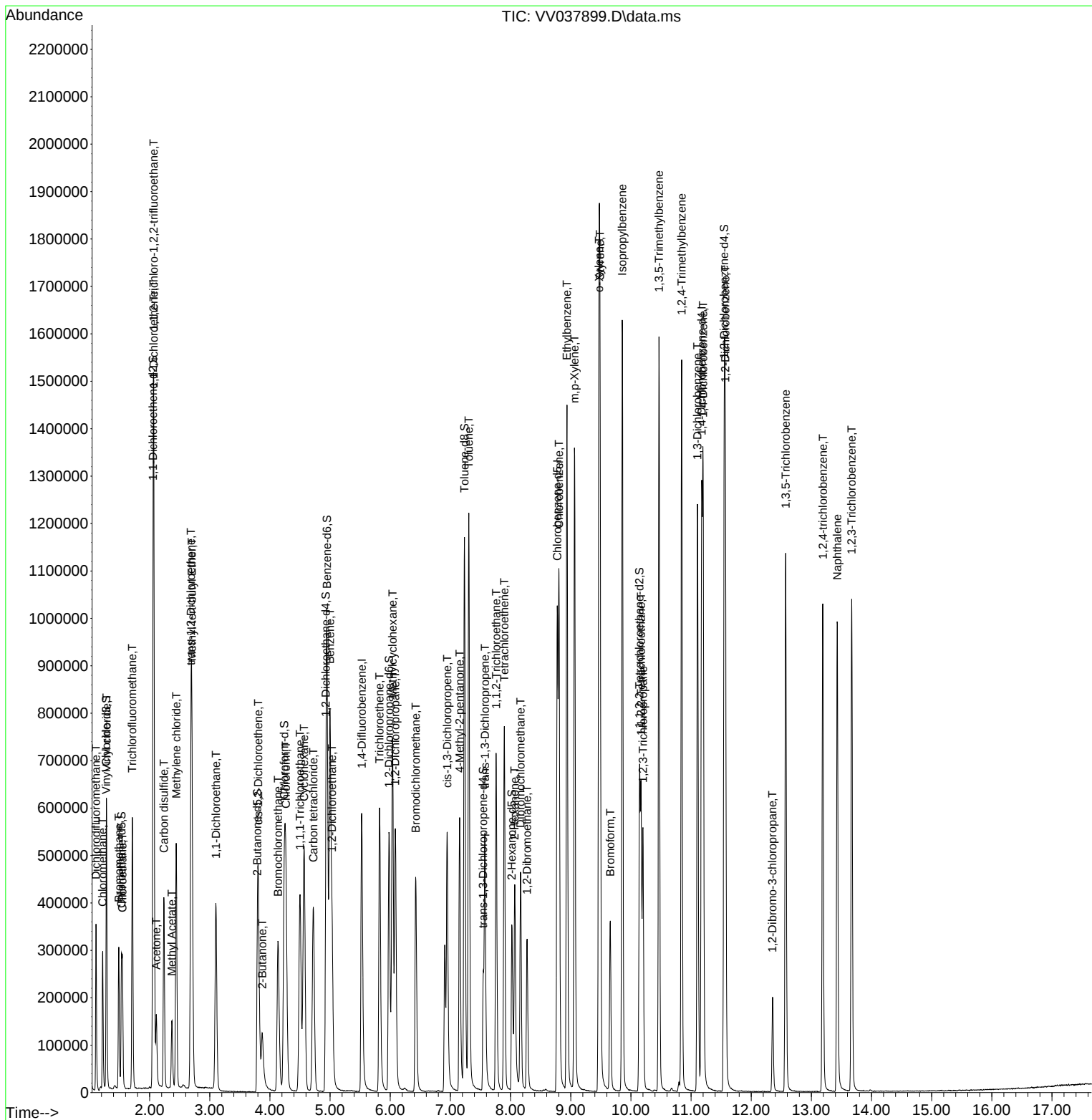
Instrument :
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 ClientSampleId :

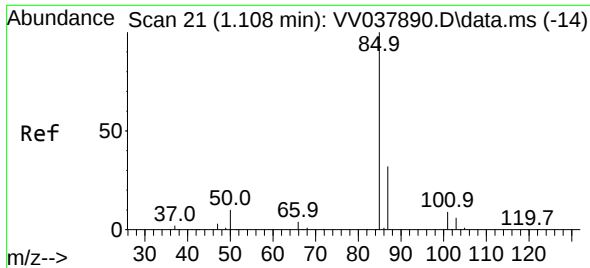
Quant Time: Oct 22 04:56:53 2024
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 Quant Title : VOC Analysis
 QLast Update : Fri Oct 18 23:14:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.031	62	294970	56.478	ug/L	98
29) Cyclohexane	4.568	56	276044	46.143	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	351593	54.180	ug/L	100
31) Carbon tetrachloride	4.722	117	302992	53.704	ug/L	99
33) Benzene	4.999	78	832676	52.401	ug/L	100
34) Trichloroethene	5.822	95	221094	52.246	ug/L	98
35) Methylcyclohexane	6.040	83	313770	48.198	ug/L	98
37) 1,2-Dichloropropane	6.082	63	223962	54.580	ug/L	97
38) Bromodichloromethane	6.423	83	312513	56.973	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	344170	52.544	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	367711	110.061	ug/L	99
42) Toluene	7.307	91	898969	54.571	ug/L	98
44) trans-1,3-Dichloropropene	7.574	75	327307	55.503	ug/L	100
45) 1,1,2-Trichloroethane	7.760	97	221817	56.298	ug/L	99
46) Tetrachloroethene	7.896	164	171388	52.971	ug/L	97
48) 2-Hexanone	8.069	43	273847	105.412	ug/L	99
49) Dibromochloromethane	8.166	129	240025	57.559	ug/L	98
50) 1,2-Dibromoethane	8.275	107	220466	54.131	ug/L	97
51) Chlorobenzene	8.805	112	604035	53.820	ug/L	99
52) Ethylbenzene	8.937	91	1008544	54.388	ug/L	99
53) m,p-Xylene	9.063	106	387711	56.180	ug/L	100
54) o-Xylene	9.471	106	371963	55.207	ug/L	95
55) Styrene	9.487	104	684747	58.380	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	305192	55.557	ug/L	99
59) Bromoform	9.658	173	161547	54.679	ug/L	98
60) Isopropylbenzene	9.857	105	1021785	51.992	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	221107	51.404	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	820697	52.820	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	820106	53.049	ug/L	100
64) 1,3-Dichlorobenzene	11.108	146	504381	53.320	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	523610	53.158	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	497119	53.160	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.355	75	51920	49.725	ug/L	99
69) 1,3,5-Trichlorobenzene	12.574	180	348405	53.558	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	308593	51.130	ug/L	99
71) Naphthalene	13.432	128	792068	50.230	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	312199	52.381	ug/L	100

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

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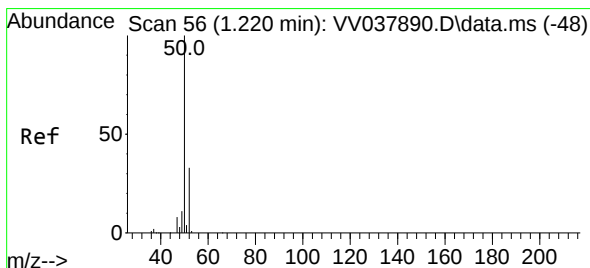
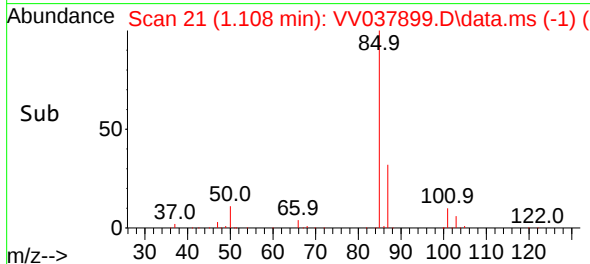
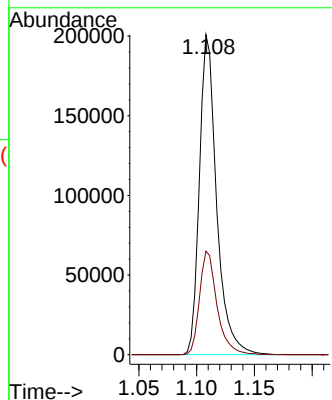
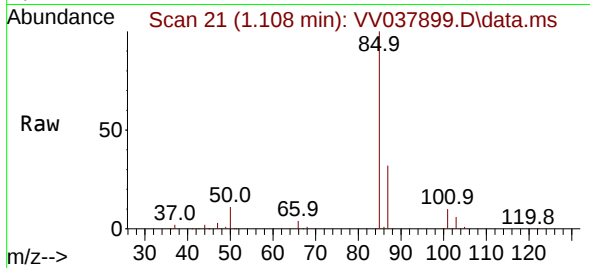




#2
 Dichlorodifluoromethane
 Concen: 46.067 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037899.D
 Acq: 21 Oct 2024 11:12

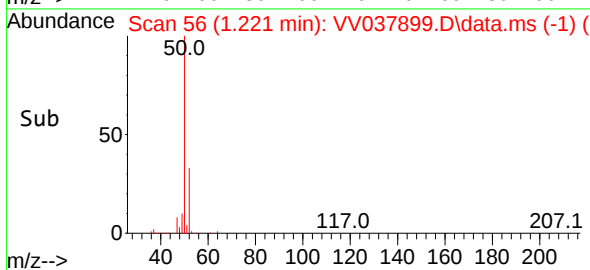
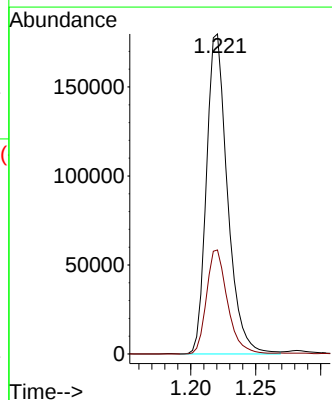
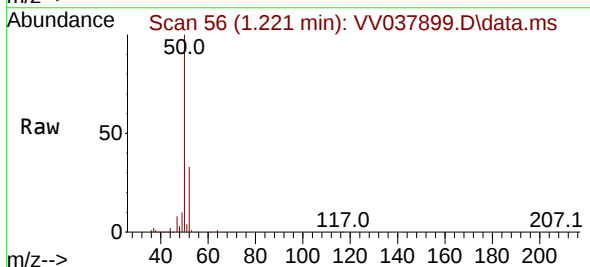
Instrument :
 MSVOA_V
 ClientSampleId :

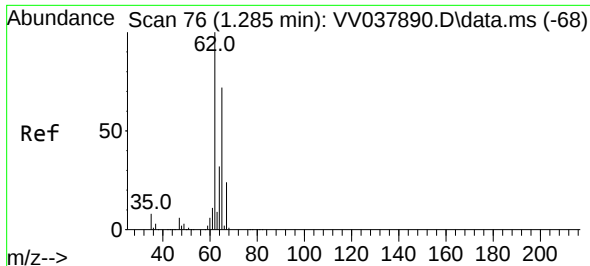
Tgt Ion: 85 Resp: 207662
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.8



#3
 Chloromethane
 Concen: 46.366 ug/L
 RT: 1.221 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VV037899.D
 Acq: 21 Oct 2024 11:12

Tgt Ion: 50 Resp: 202917
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.2 43.2

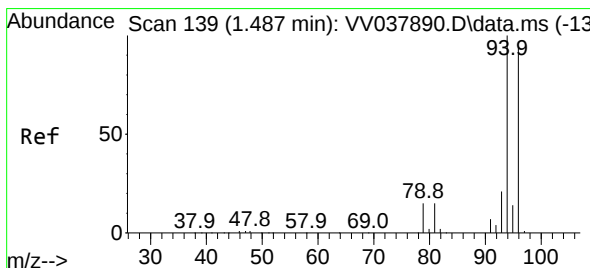
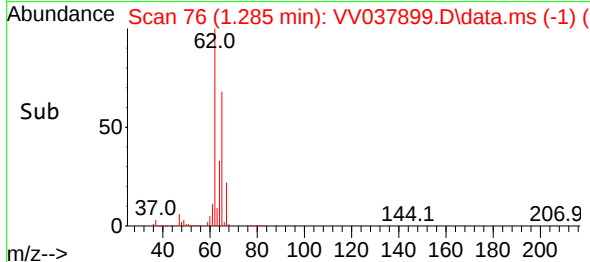
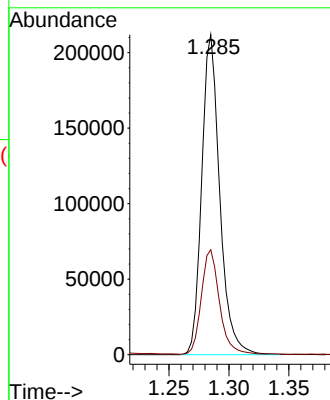
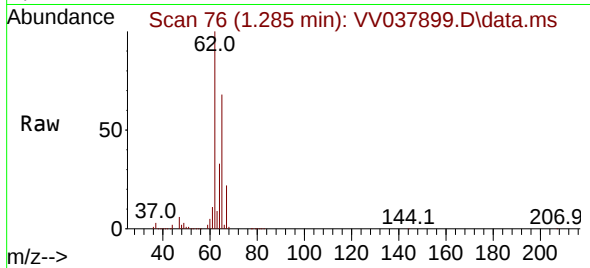




#5
 Vinyl chloride
 Concen: 47.274 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV037899.D
 Acq: 21 Oct 2024 11:12

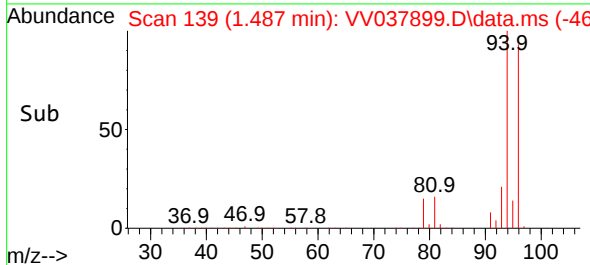
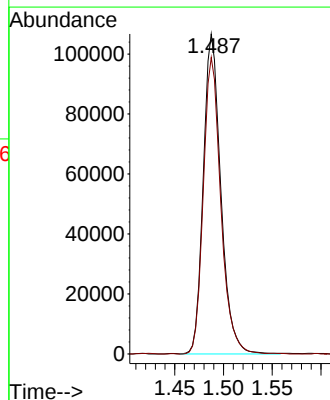
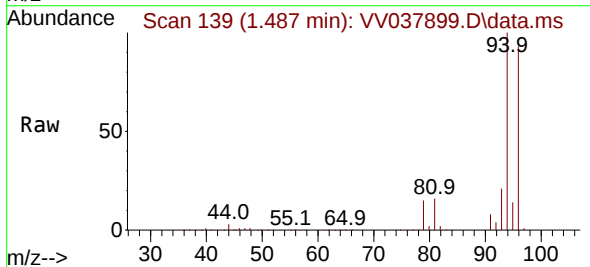
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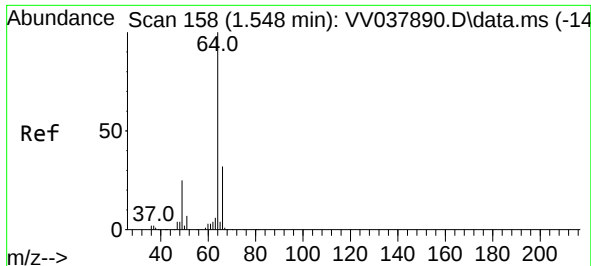
Tgt Ion: 62 Resp: 221799
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.2 43.0



#6
 Bromomethane
 Concen: 51.254 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037899.D
 Acq: 21 Oct 2024 11:12

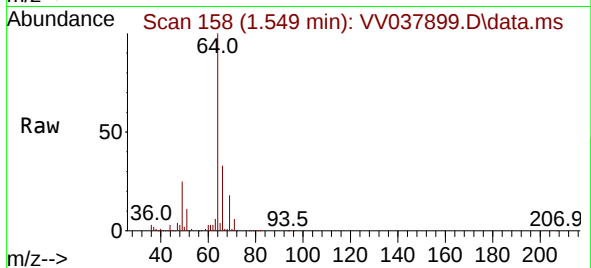
Tgt Ion: 94 Resp: 133452
 Ion Ratio Lower Upper
 94 100
 96 92.6 65.8 122.2



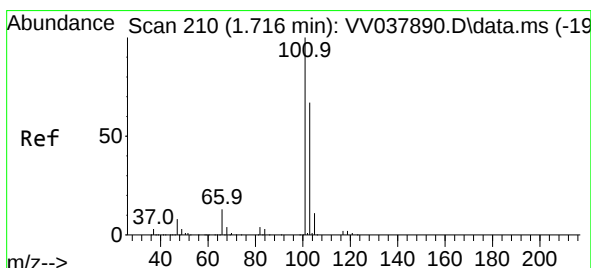
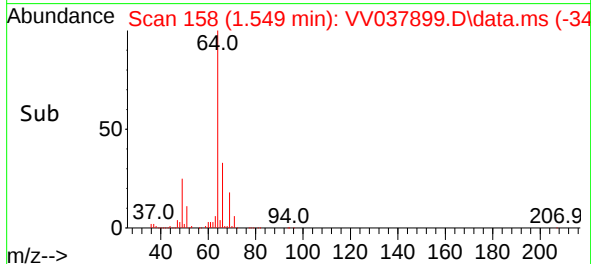
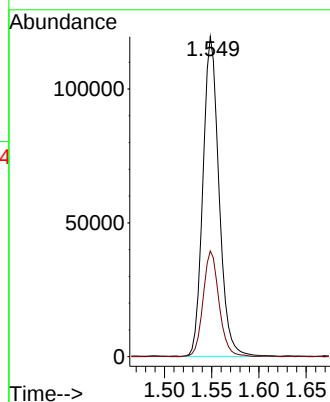


#8
Chloroethane
Concen: 48.888 ug/L
RT: 1.549 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV037899.D
Acq: 21 Oct 2024 11:12

Instrument :
MSVOA_V
ClientSampleId :

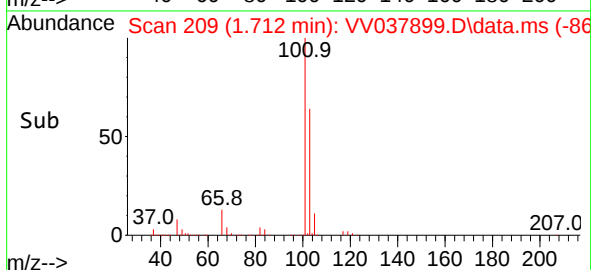
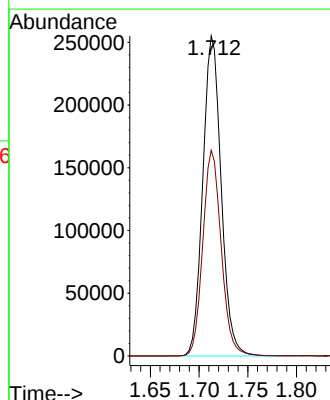
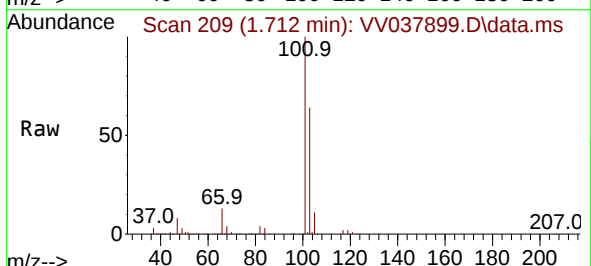


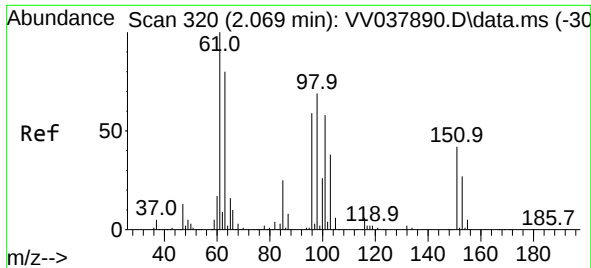
Tgt Ion: 64 Resp: 141375
Ion Ratio Lower Upper
64 100
66 33.1 22.2 41.2



#9
Trichlorofluoromethane
Concen: 53.016 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV037899.D
Acq: 21 Oct 2024 11:12

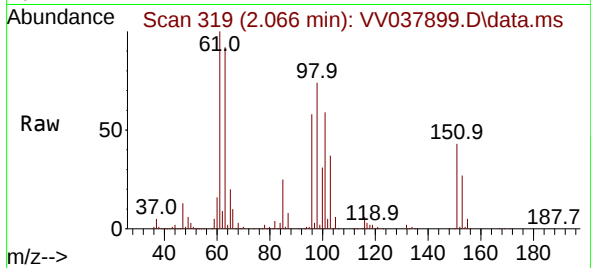
Tgt Ion:101 Resp: 334820
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.4



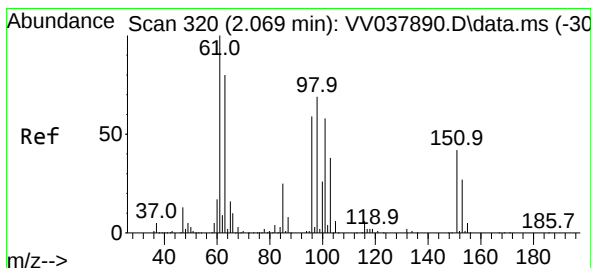
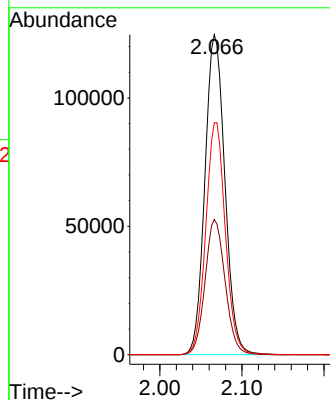
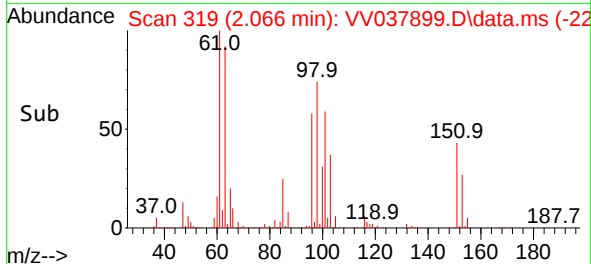


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 55.996 ug/L
 RT: 2.066 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV037899.D
 Acq: 21 Oct 2024 11:12

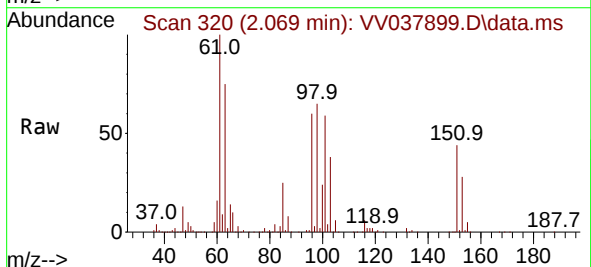
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 ClientSampleId :



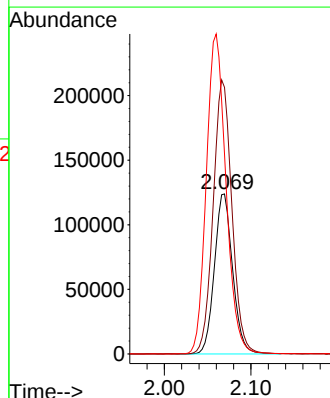
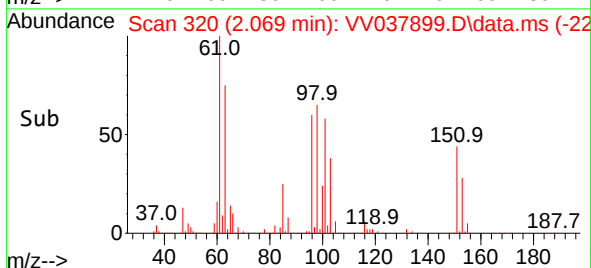
Tgt Ion:101 Resp: 211323
 Ion Ratio Lower Upper
 101 100
 85 42.4 34.6 52.0
 151 71.3 57.5 86.3

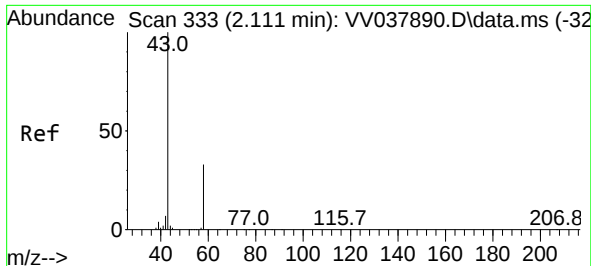


#12
 1,1-Dichloroethene
 Concen: 51.420 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV037899.D
 Acq: 21 Oct 2024 11:12



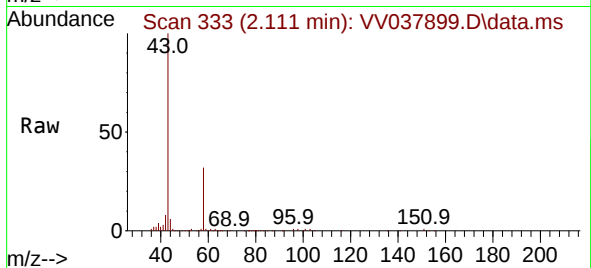
Tgt Ion: 96 Resp: 181270
 Ion Ratio Lower Upper
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 61 166.6 122.6 227.6
 63 124.8 118.0 219.2



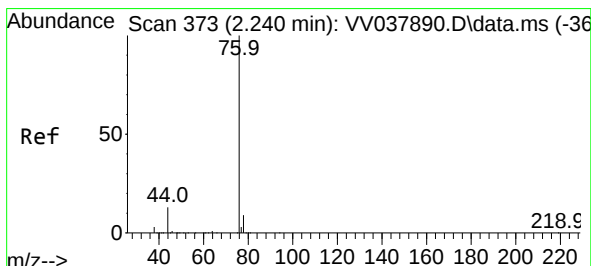
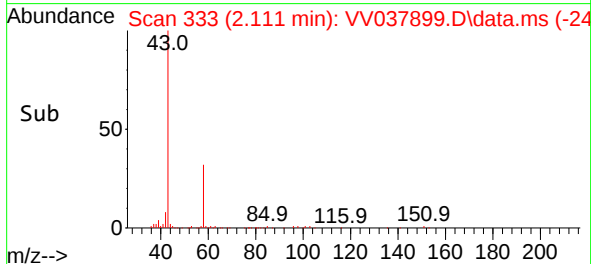
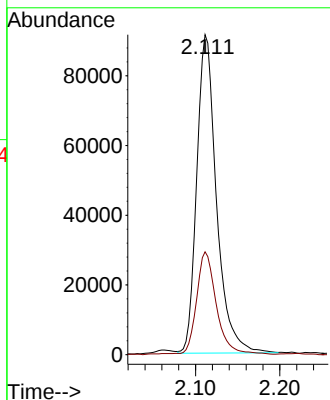


#13
Acetone
Concen: 91.908 ug/L
RT: 2.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV037899.D
Acq: 21 Oct 2024 11:12

Instrument :
MSVOA_V
ClientSampleId :

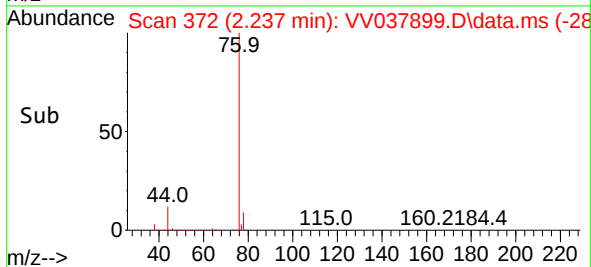
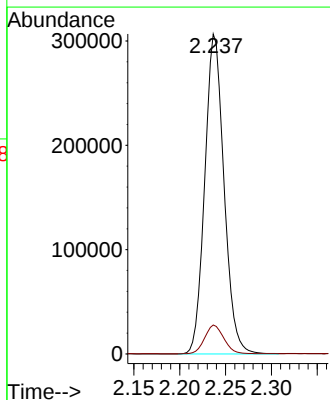
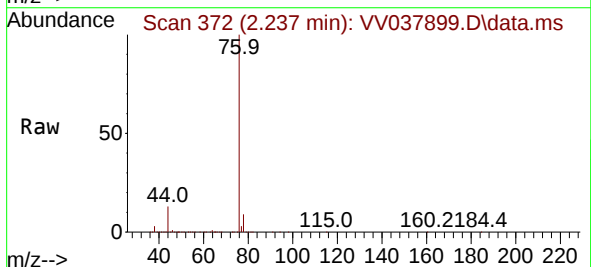


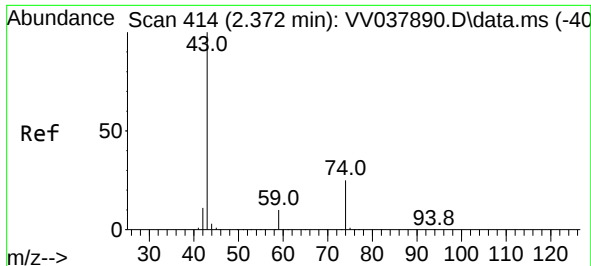
Tgt Ion: 43 Resp: 149170
Ion Ratio Lower Upper
43 100
58 32.1 0.0 66.6



#14
Carbon disulfide
Concen: 40.707 ug/L
RT: 2.237 min Scan# 372
Delta R.T. -0.003 min
Lab File: VV037899.D
Acq: 21 Oct 2024 11:12

Tgt Ion: 76 Resp: 447941
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

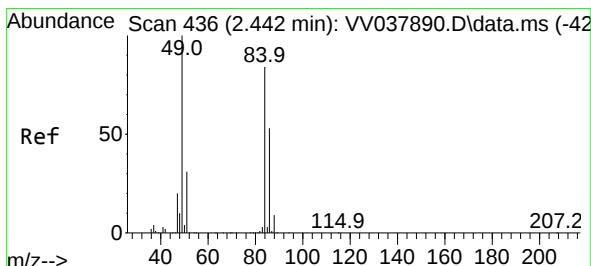
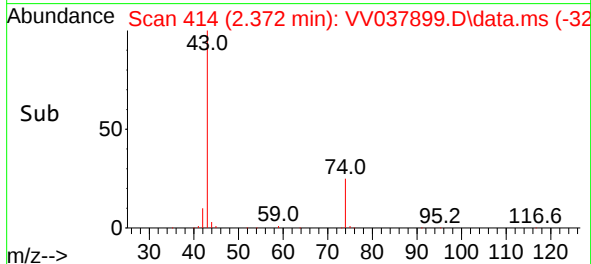
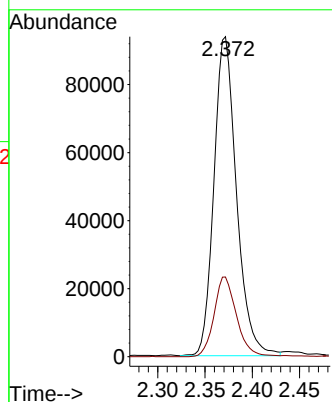
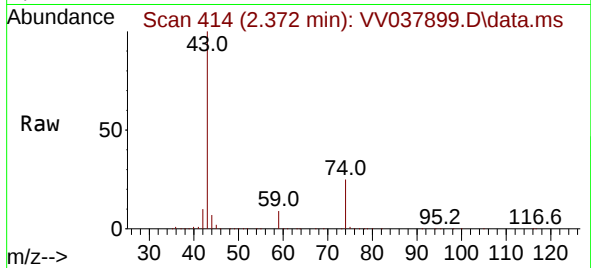




#15
Methyl Acetate
Concen: 55.073 ug/L
RT: 2.372 min Scan# 414
Delta R.T. 0.000 min
Lab File: VV037899.D
Acq: 21 Oct 2024 11:12

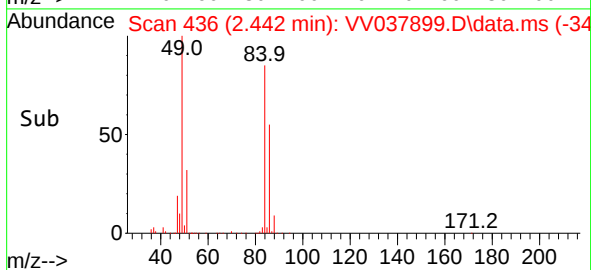
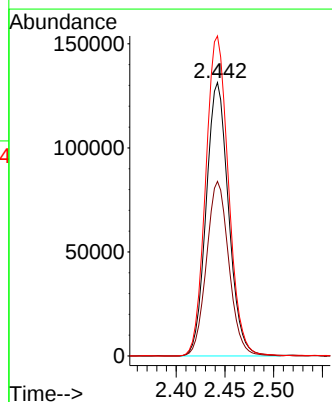
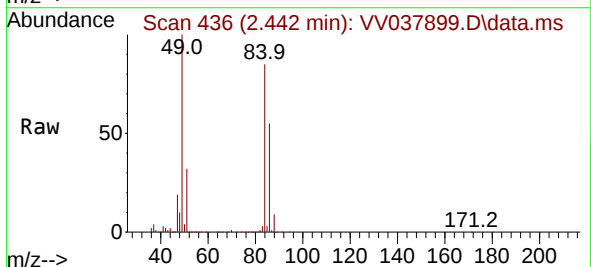
Instrument :
MSVOA_V
ClientSampleId :

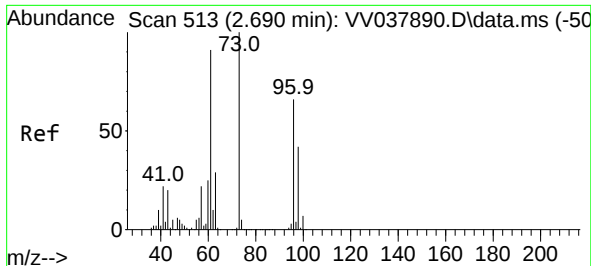
Tgt Ion: 43 Resp: 155991
Ion Ratio Lower Upper
43 100
74 24.8 19.4 29.0



#16
Methylene chloride
Concen: 52.677 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV037899.D
Acq: 21 Oct 2024 11:12

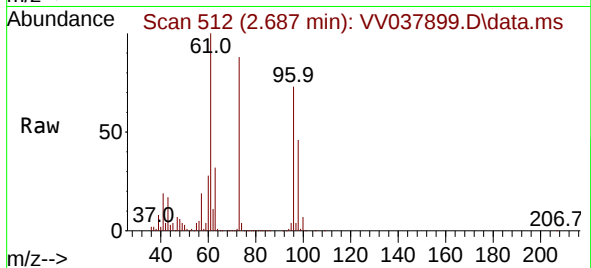
Tgt Ion: 84 Resp: 210262
Ion Ratio Lower Upper
84 100
86 63.8 46.4 86.2
49 117.0 85.9 159.5



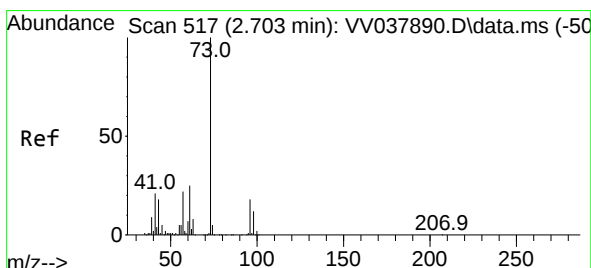
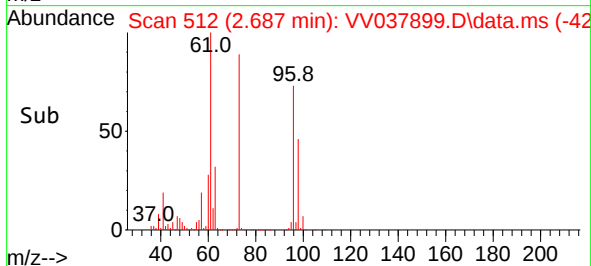
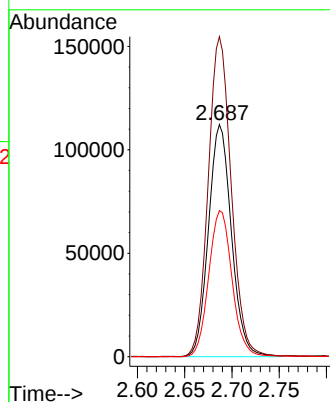


#17
trans-1,2-Dichloroethene
Concen: 50.894 ug/L
RT: 2.687 min Scan# 513
Delta R.T. -0.003 min
Lab File: VV037899.D
Acq: 21 Oct 2024 11:12

Instrument :
MSVOA_V
ClientSampleId :

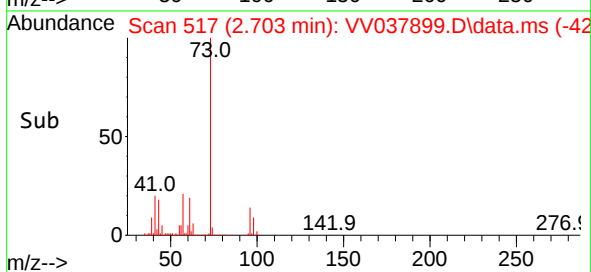
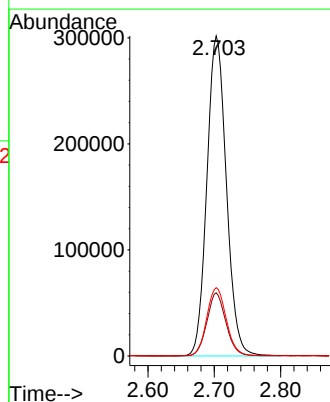
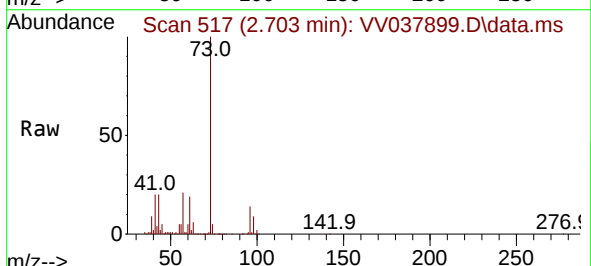


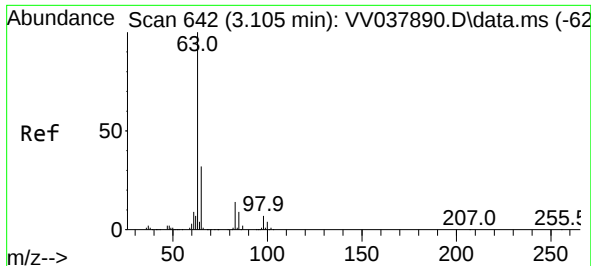
Tgt Ion: 96 Resp: 189804
Ion Ratio Lower Upper
96 100
61 137.9 97.3 180.7
98 62.9 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 57.514 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV037899.D
Acq: 21 Oct 2024 11:12

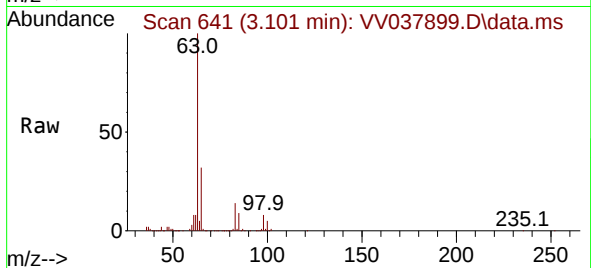
Tgt Ion: 73 Resp: 615381
Ion Ratio Lower Upper
73 100
43 19.1 15.1 22.7
57 21.5 17.4 26.2



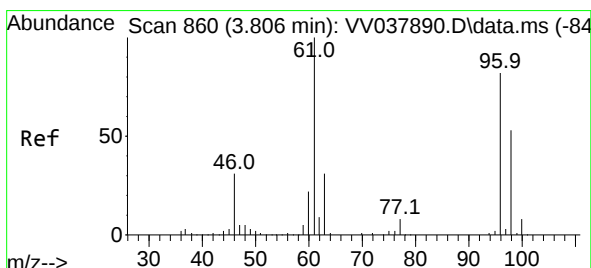
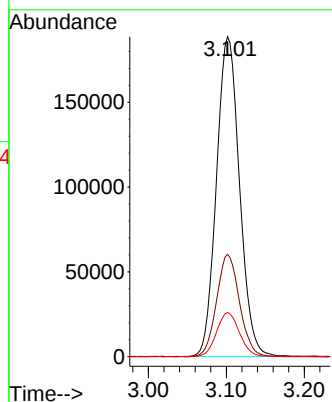
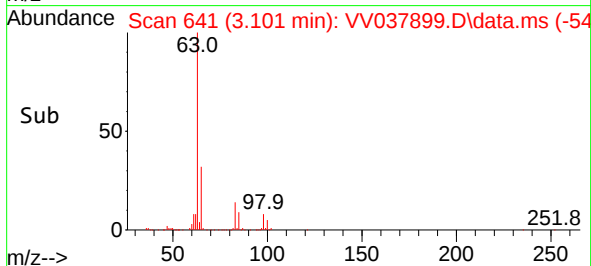


#19
1,1-Dichloroethane
Concen: 54.278 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.003 min
Lab File: VV037899.D
Acq: 21 Oct 2024 11:12

Instrument :
MSVOA_V
ClientSampleId :

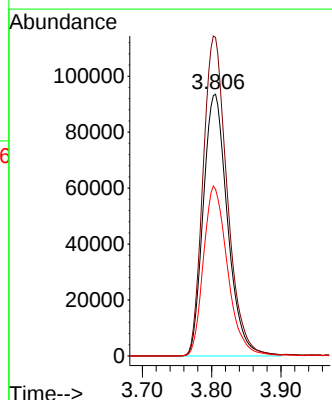
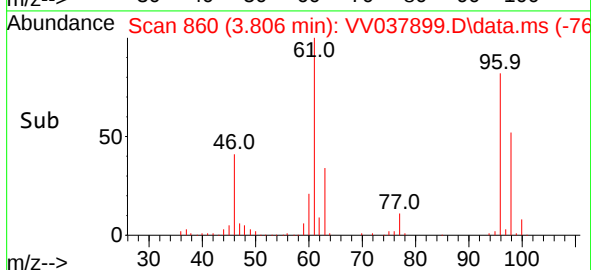
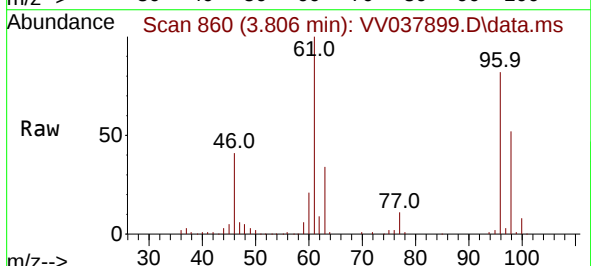


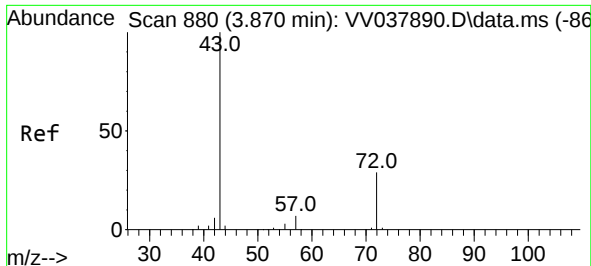
Tgt Ion: 63 Resp: 387837
Ion Ratio Lower Upper
63 100
65 32.0 22.4 41.6
83 13.8 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 54.599 ug/L
RT: 3.806 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV037899.D
Acq: 21 Oct 2024 11:12

Tgt Ion: 96 Resp: 227865
Ion Ratio Lower Upper
96 100
61 121.7 85.0 157.8
98 63.7 44.2 82.0

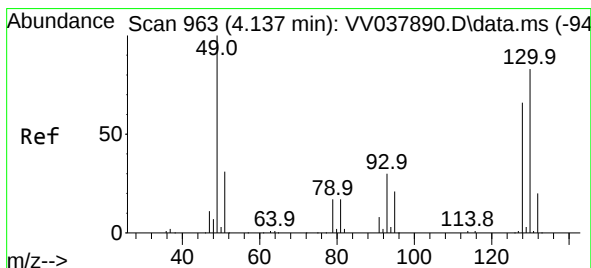
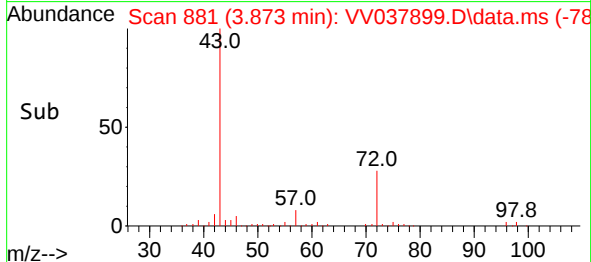
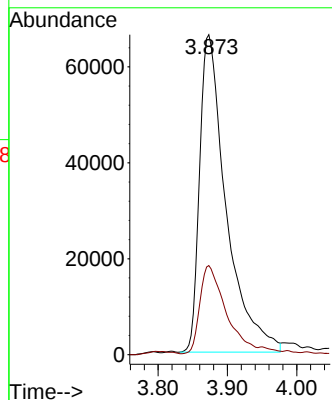
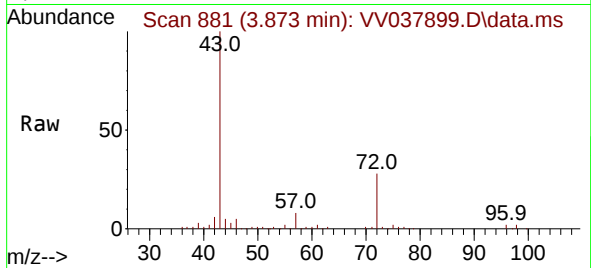




#22
2-Butanone
Concen: 98.202 ug/L
RT: 3.873 min Scan# 881
Delta R.T. 0.003 min
Lab File: VV037899.D
Acq: 21 Oct 2024 11:12

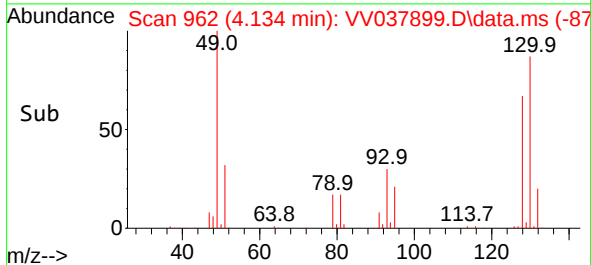
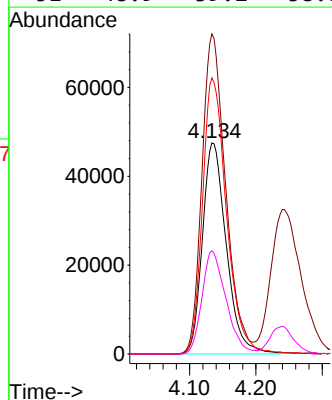
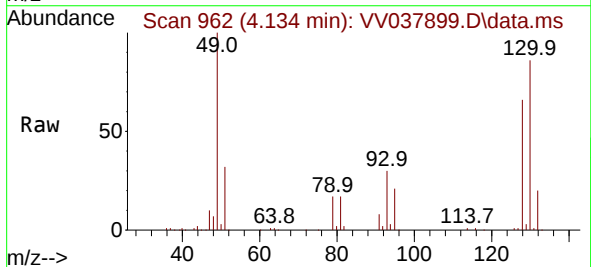
Instrument :
MSVOA_V
ClientSampleId :

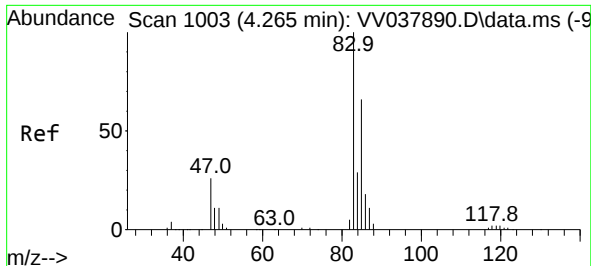
Tgt Ion: 43 Resp: 176415
Ion Ratio Lower Upper
43 100
72 27.1 14.3 42.9



#23
Bromochloromethane
Concen: 54.851 ug/L
RT: 4.134 min Scan# 962
Delta R.T. -0.003 min
Lab File: VV037899.D
Acq: 21 Oct 2024 11:12

Tgt Ion: 128 Resp: 118413
Ion Ratio Lower Upper
128 100
49 151.7 108.7 201.9
130 130.8 90.4 168.0
51 48.9 39.2 58.8





#25

Chloroform

Concen: 56.580 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VV037899.D

Acq: 21 Oct 2024 11:12

Instrument :

MSVOA_V

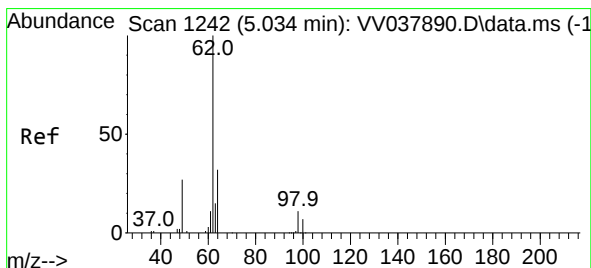
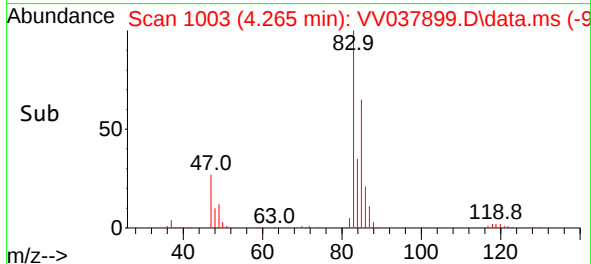
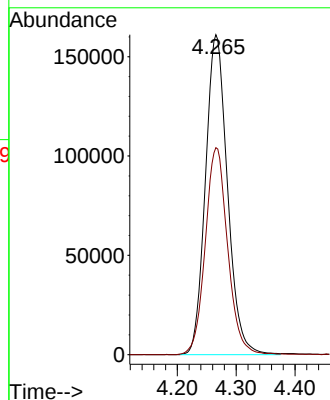
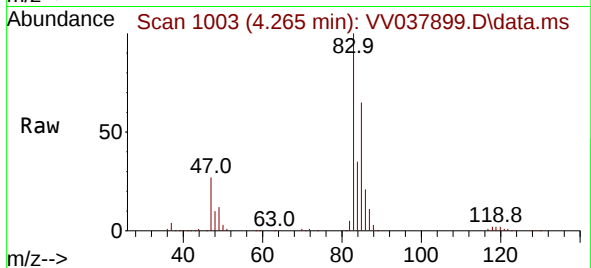
ClientSampleId :

Tgt Ion: 83 Resp: 418581

Ion Ratio Lower Upper

83 100

85 64.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 56.478 ug/L

RT: 5.031 min Scan# 1241

Delta R.T. -0.003 min

Lab File: VV037899.D

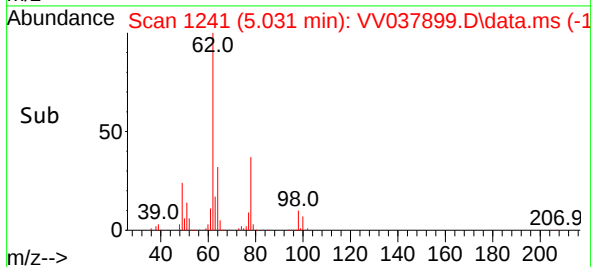
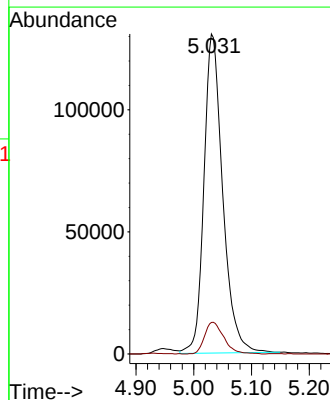
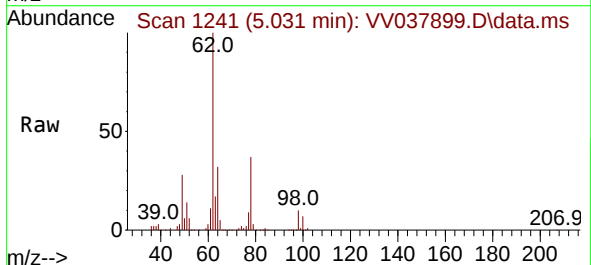
Acq: 21 Oct 2024 11:12

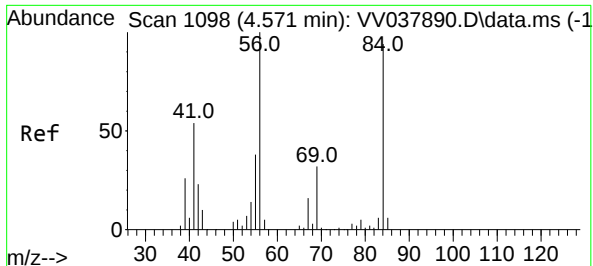
Tgt Ion: 62 Resp: 294970

Ion Ratio Lower Upper

62 100

98 9.9 8.4 12.6





#29

Cyclohexane

Concen: 46.143 ug/L

RT: 4.568 min Scan# 1097

Delta R.T. -0.003 min

Lab File: VV037899.D

Acq: 21 Oct 2024 11:12

Instrument :

MSVOA_V

ClientSampleId :

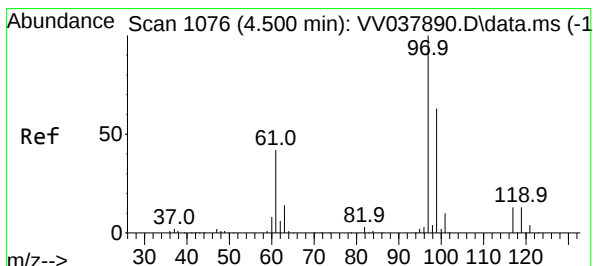
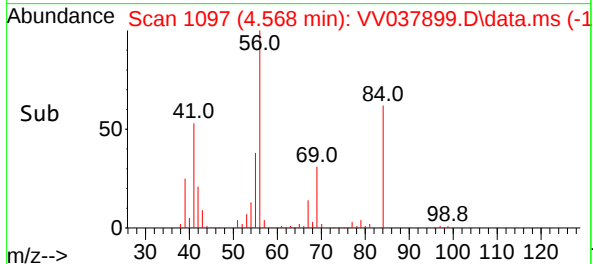
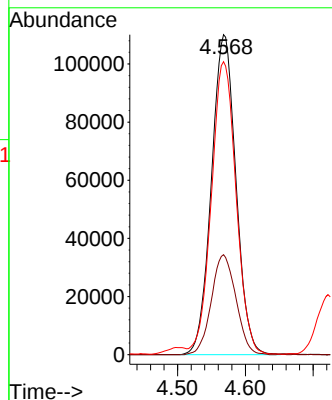
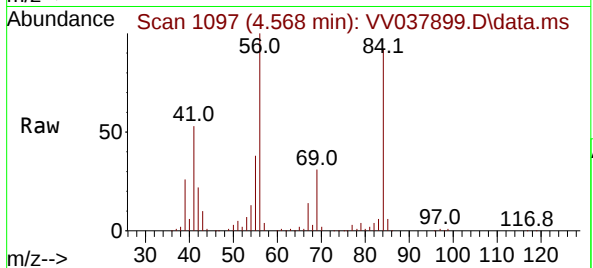
Tgt Ion: 56 Resp: 276044

Ion Ratio Lower Upper

56 100

69 31.4 24.7 37.1

84 92.1 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 54.180 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV037899.D

Acq: 21 Oct 2024 11:12

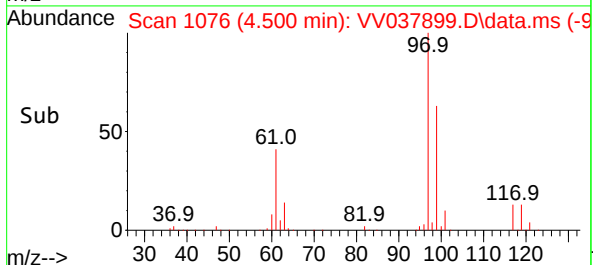
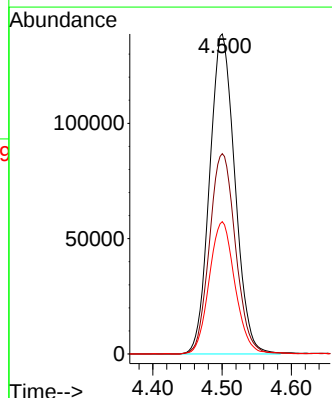
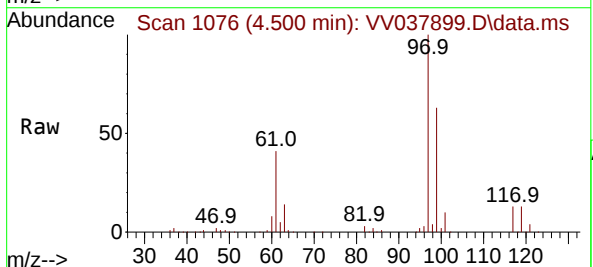
Tgt Ion: 97 Resp: 351593

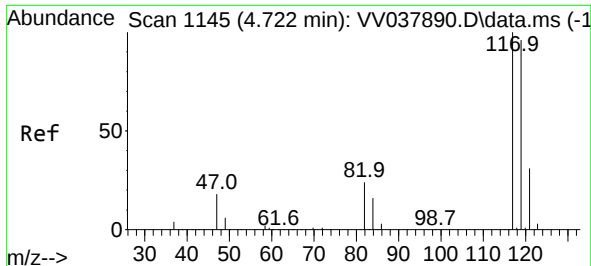
Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.6

61 42.2 33.6 50.4

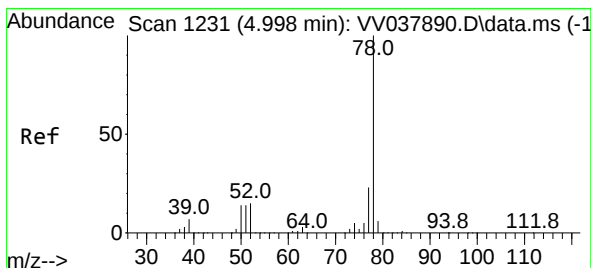
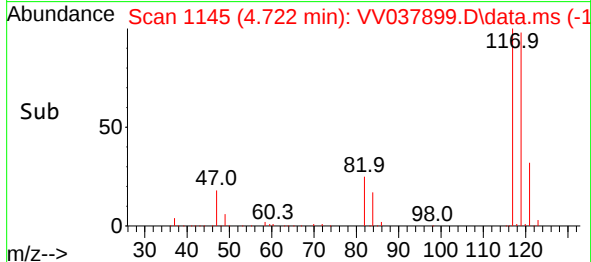
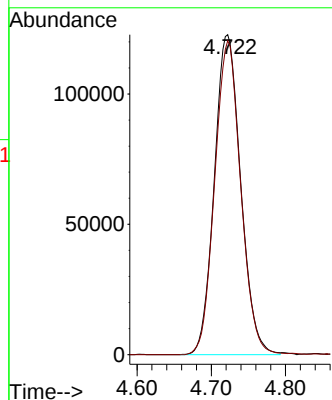
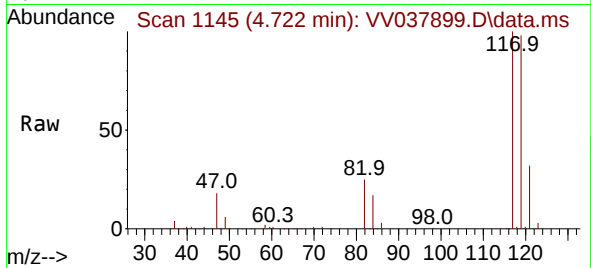




#31
Carbon tetrachloride
Concen: 53.704 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VV037899.D
Acq: 21 Oct 2024 11:12

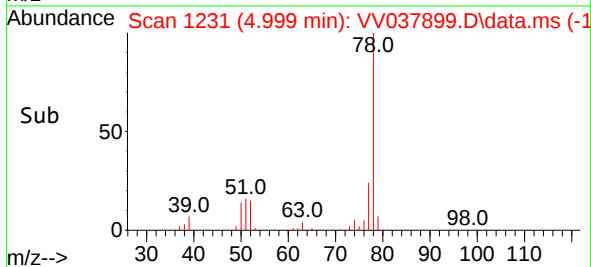
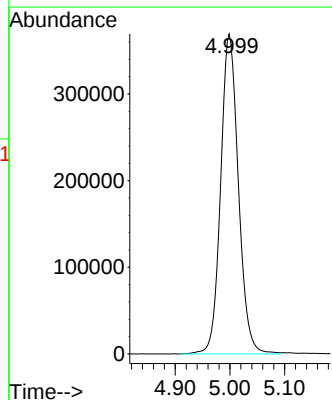
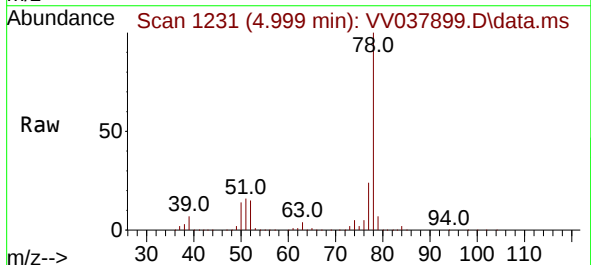
Instrument :
MSVOA_V
ClientSampleId :

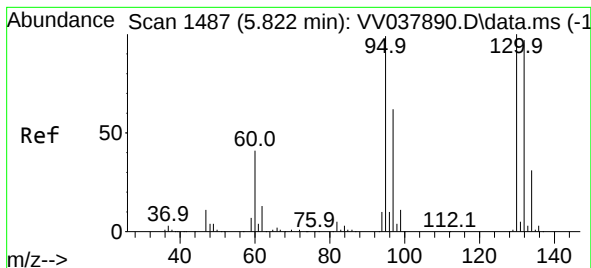
Tgt Ion:117 Resp: 302992
Ion Ratio Lower Upper
117 100
119 96.6 76.9 115.3



#33
Benzene
Concen: 52.401 ug/L
RT: 4.999 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VV037899.D
Acq: 21 Oct 2024 11:12

Tgt Ion: 78 Resp: 832676





#34

Trichloroethene

Concen: 52.246 ug/L

RT: 5.822 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VV037899.D

Acq: 21 Oct 2024 11:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 221094

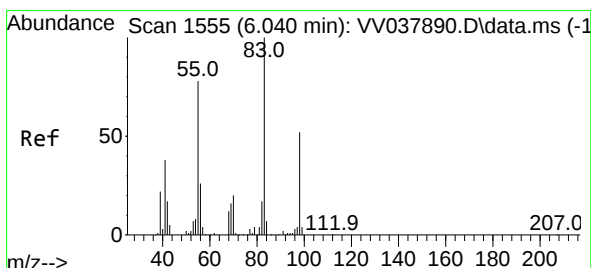
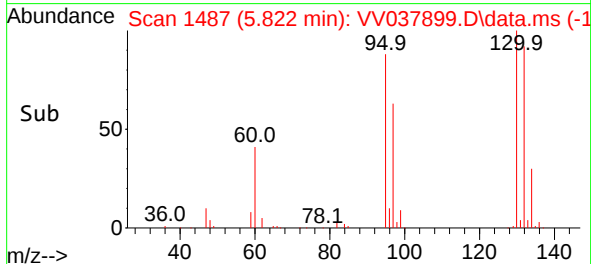
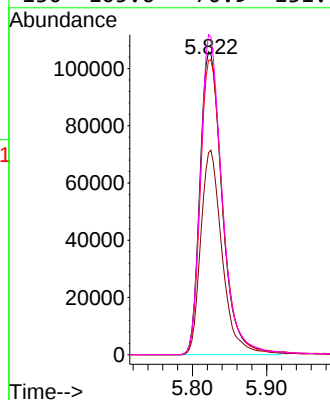
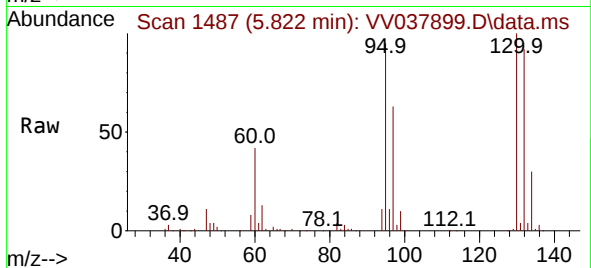
Ion Ratio Lower Upper

95 100

97 66.7 46.3 85.9

132 97.1 68.6 127.4

130 105.6 70.9 131.7



#35

Methylcyclohexane

Concen: 48.198 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV037899.D

Acq: 21 Oct 2024 11:12

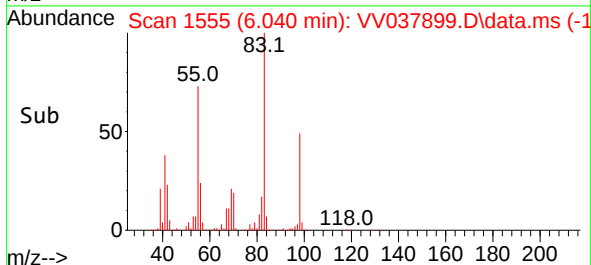
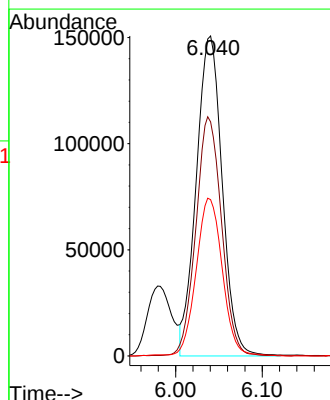
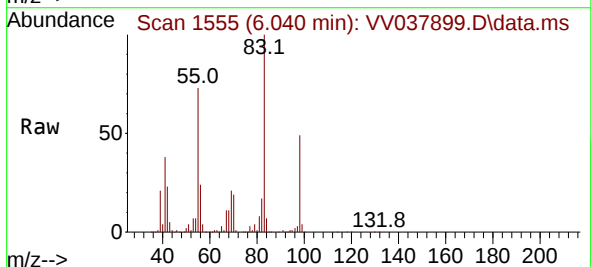
Tgt Ion: 83 Resp: 313770

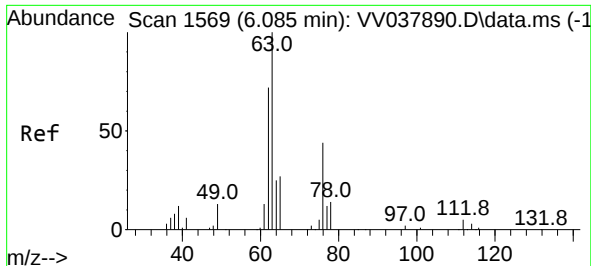
Ion Ratio Lower Upper

83 100

55 74.0 57.9 86.9

98 49.7 39.3 58.9





#37

1,2-Dichloropropane

Concen: 54.580 ug/L

RT: 6.082 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV037899.D

Acq: 21 Oct 2024 11:12

Instrument :

MSVOA_V

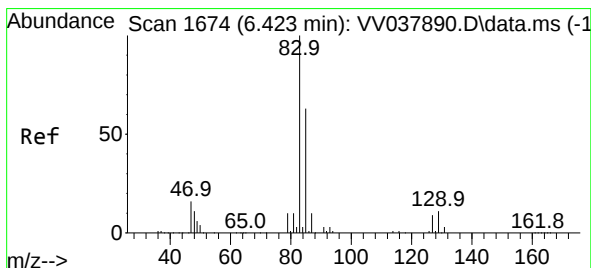
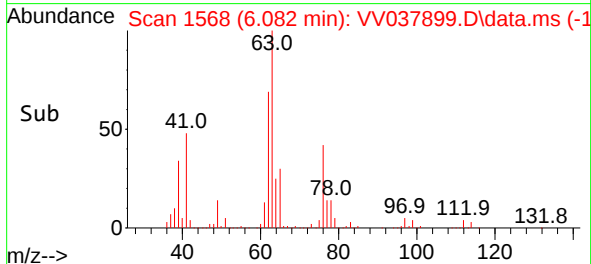
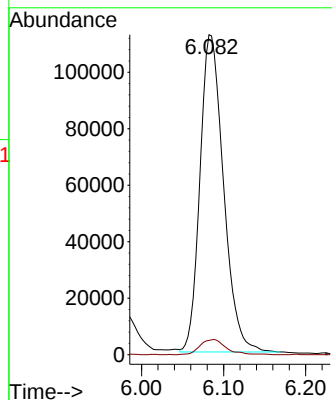
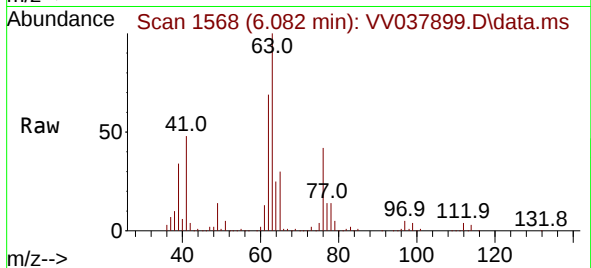
ClientSampleId :

Tgt Ion: 63 Resp: 223962

Ion Ratio Lower Upper

63 100

112 5.2 3.5 5.3



#38

Bromodichloromethane

Concen: 56.973 ug/L

RT: 6.423 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VV037899.D

Acq: 21 Oct 2024 11:12

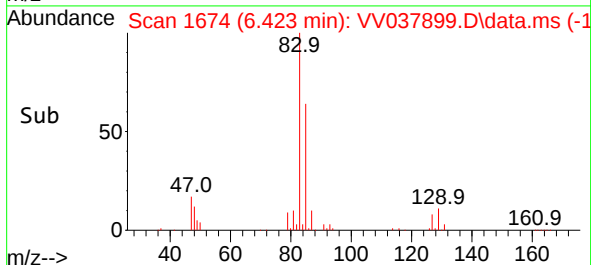
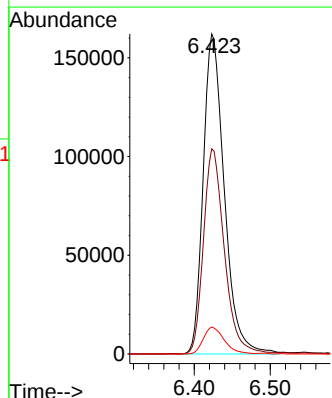
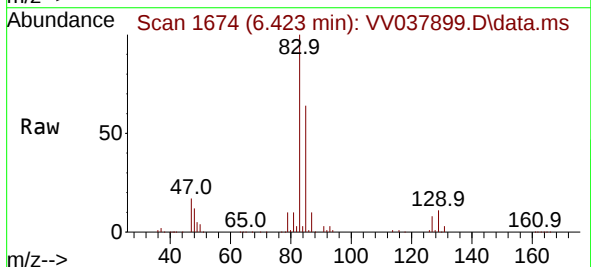
Tgt Ion: 83 Resp: 312513

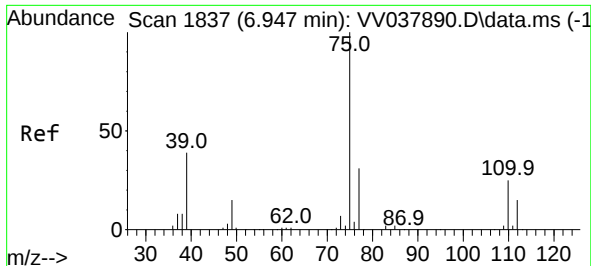
Ion Ratio Lower Upper

83 100

85 64.1 45.7 84.9

127 8.4 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 52.544 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. 0.000 min

Lab File: VV037899.D

Acq: 21 Oct 2024 11:12

Instrument :

MSVOA_V

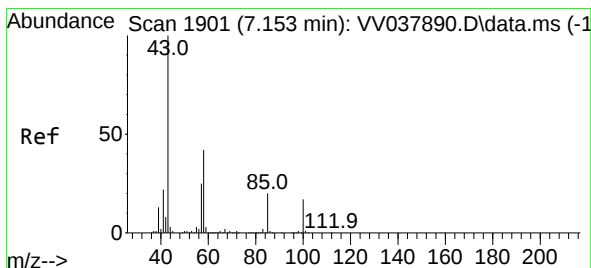
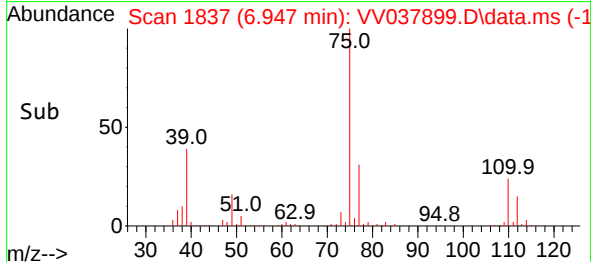
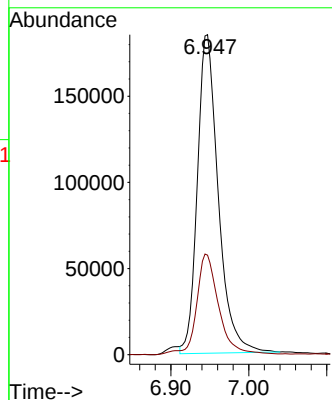
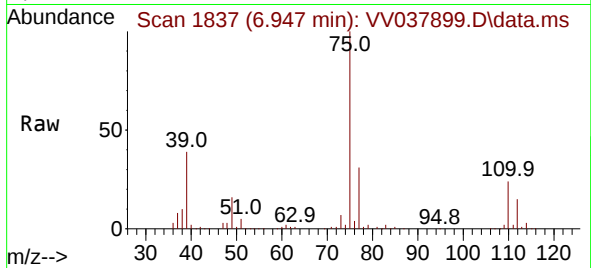
ClientSampleId :

Tgt Ion: 75 Resp: 344170

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 110.061 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VV037899.D

Acq: 21 Oct 2024 11:12

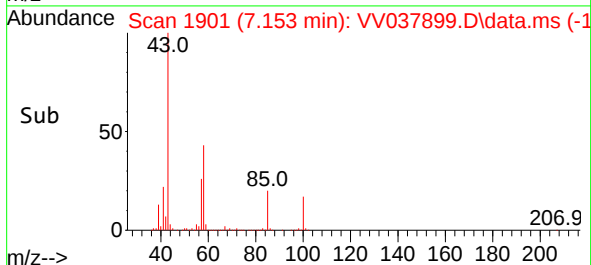
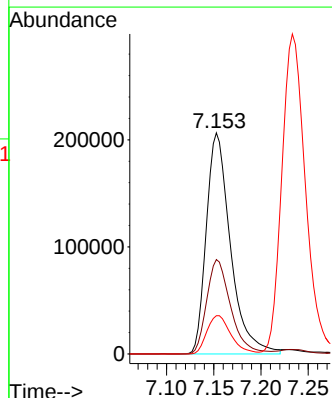
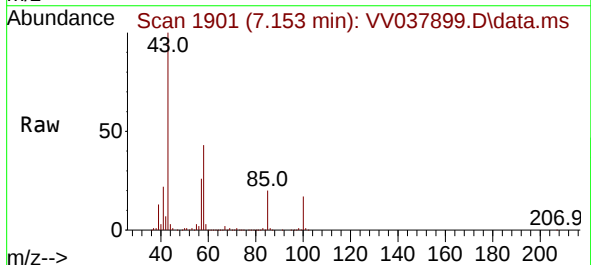
Tgt Ion: 43 Resp: 367711

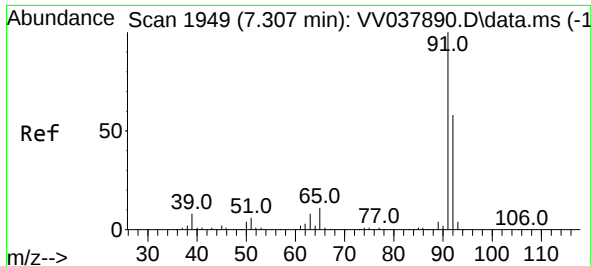
Ion Ratio Lower Upper

43 100

58 42.3 33.0 49.4

100 17.2 13.7 20.5





#42

Toluene

Concen: 54.571 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV037899.D

Acq: 21 Oct 2024 11:12

Instrument :

MSVOA_V

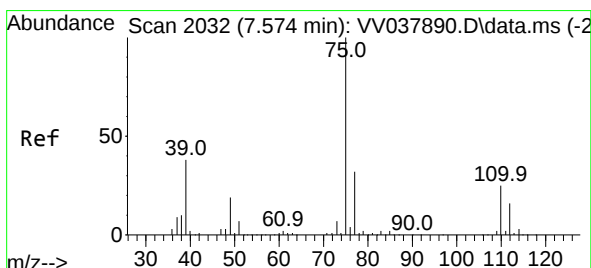
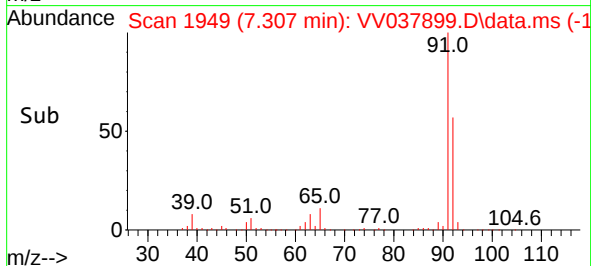
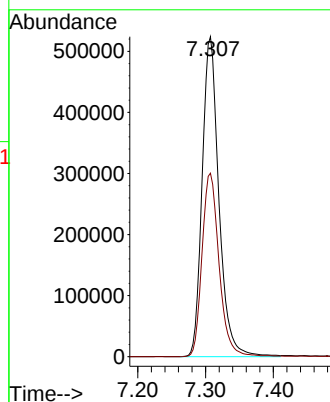
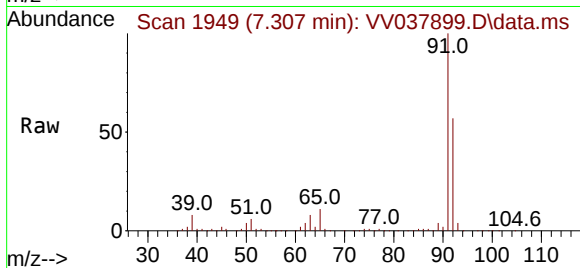
ClientSampleId :

Tgt Ion: 91 Resp: 898969

Ion Ratio Lower Upper

91 100

92 57.3 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 55.503 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VV037899.D

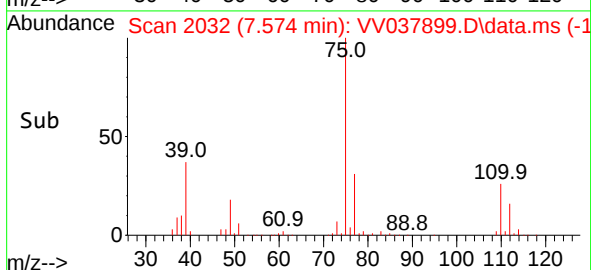
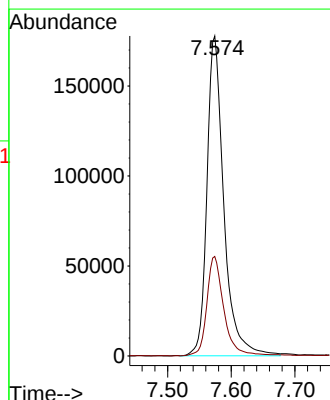
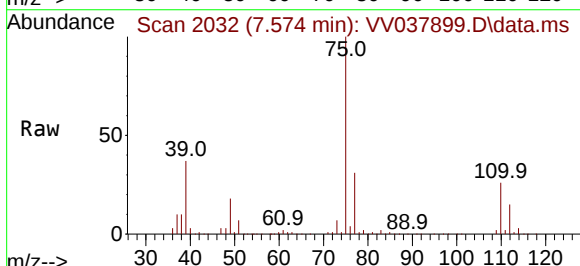
Acq: 21 Oct 2024 11:12

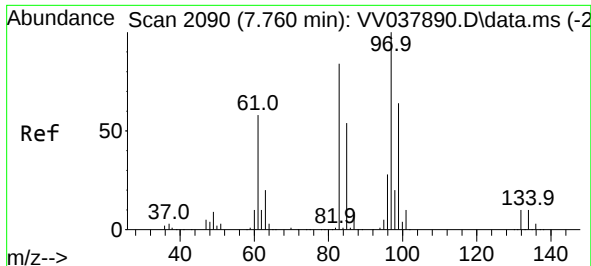
Tgt Ion: 75 Resp: 327307

Ion Ratio Lower Upper

75 100

77 31.1 21.9 40.7



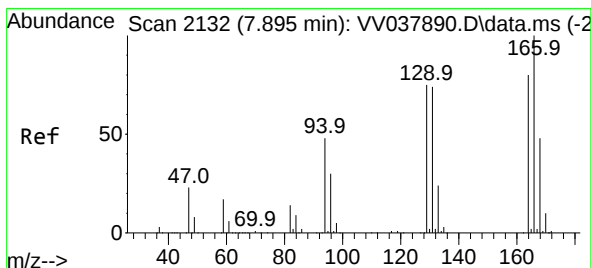
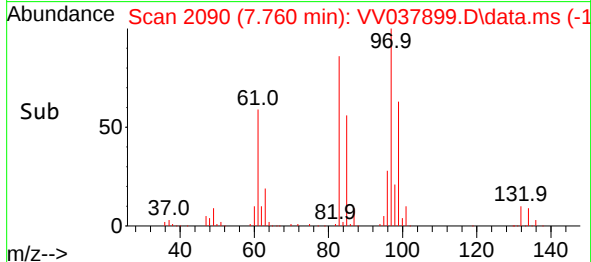
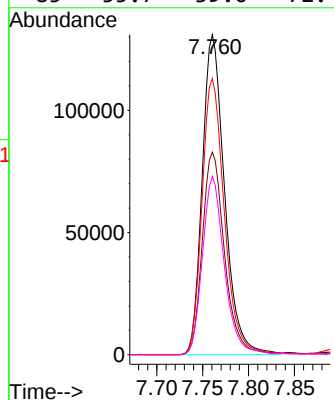
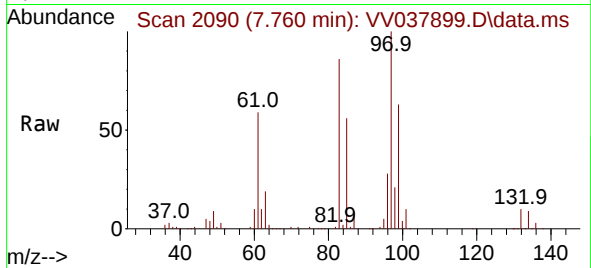


#45
1,1,2-Trichloroethane
Concen: 56.298 ug/L
RT: 7.760 min Scan# 2090
Delta R.T. 0.000 min
Lab File: VV037899.D
Acq: 21 Oct 2024 11:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 221817

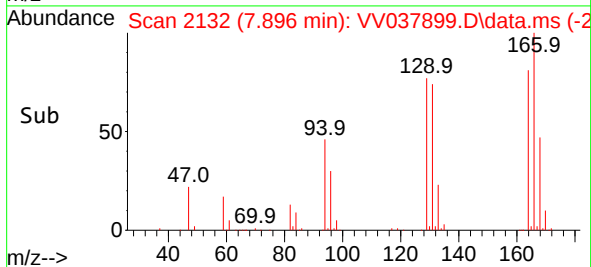
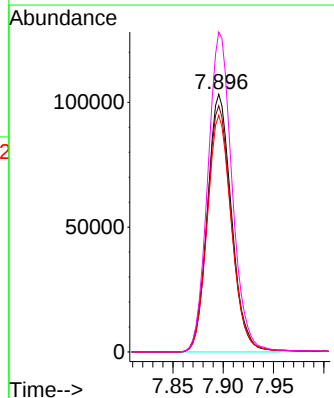
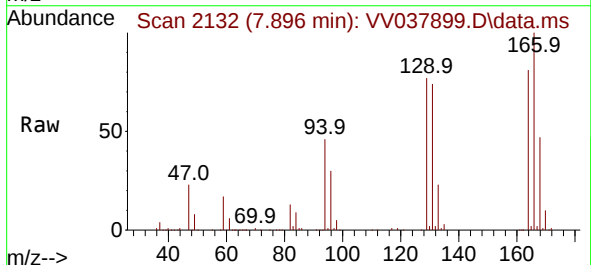
Ion	Ratio	Lower	Upper
97	100		
99	63.3	44.1	81.9
83	86.3	59.3	110.1
85	55.7	39.0	72.4

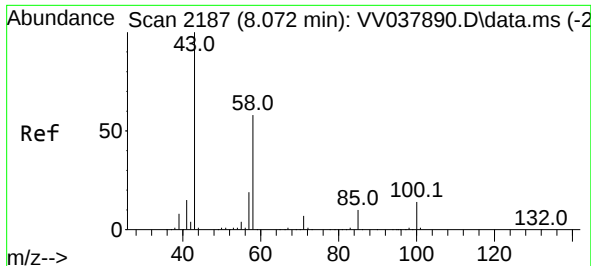


#46
Tetrachloroethene
Concen: 52.971 ug/L
RT: 7.896 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV037899.D
Acq: 21 Oct 2024 11:12

Tgt Ion: 164 Resp: 171388

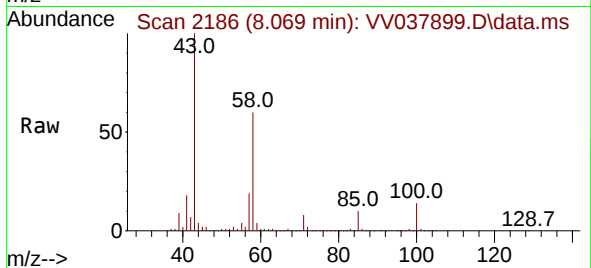
Ion	Ratio	Lower	Upper
164	100		
129	95.5	68.2	126.6
131	91.7	66.1	122.8
166	124.1	91.1	169.1



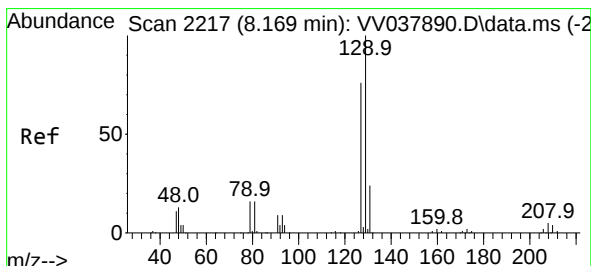
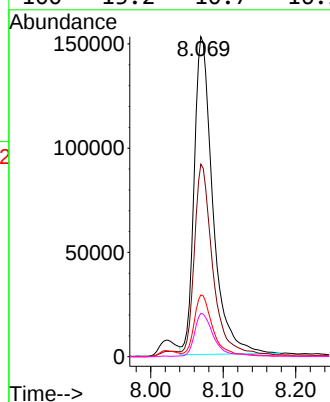
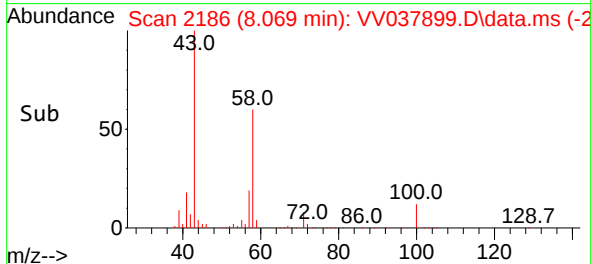


#48
2-Hexanone
Concen: 105.412 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. -0.003 min
Lab File: VV037899.D
Acq: 21 Oct 2024 11:12

Instrument :
MSVOA_V
ClientSampleId :

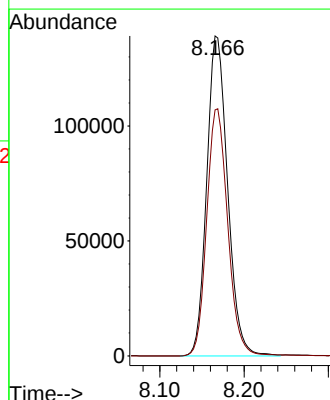
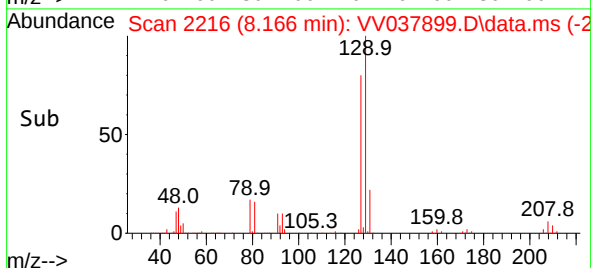
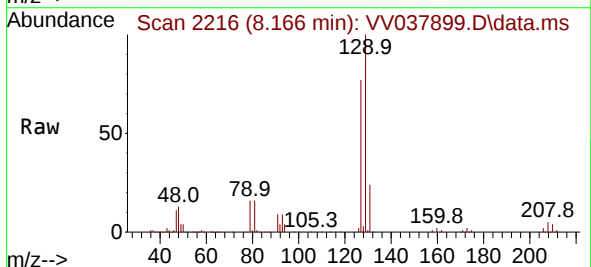


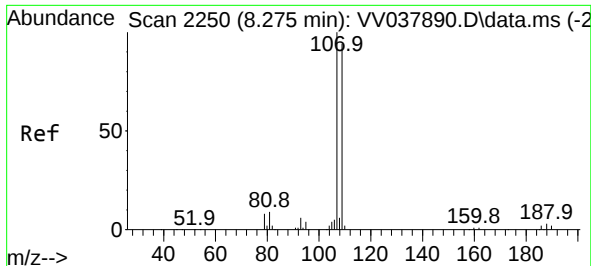
Tgt Ion: 43 Resp: 273847
Ion Ratio Lower Upper
43 100
58 59.2 46.5 69.7
57 19.7 15.1 22.7
100 13.2 10.7 16.1



#49
Dibromochloromethane
Concen: 57.559 ug/L
RT: 8.166 min Scan# 2216
Delta R.T. -0.003 min
Lab File: VV037899.D
Acq: 21 Oct 2024 11:12

Tgt Ion: 129 Resp: 240025
Ion Ratio Lower Upper
129 100
127 76.9 54.9 101.9





#50

1,2-Dibromoethane

Concen: 54.131 ug/L

RT: 8.275 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037899.D

Acq: 21 Oct 2024 11:12

Instrument :

MSVOA_V

ClientSampleId :

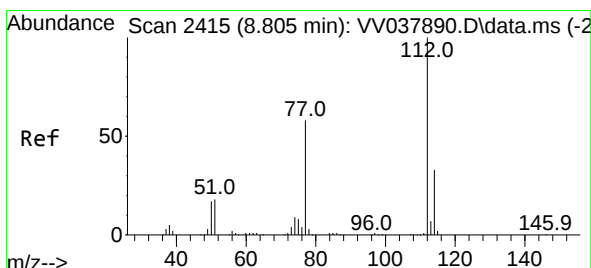
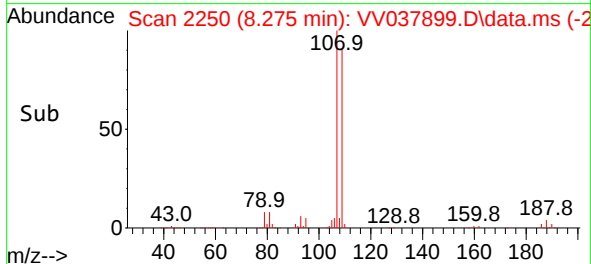
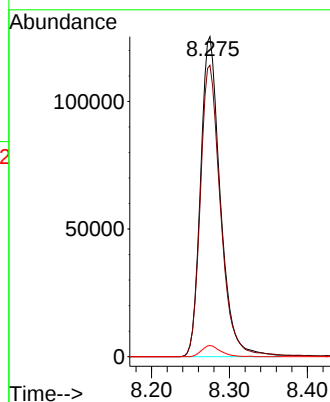
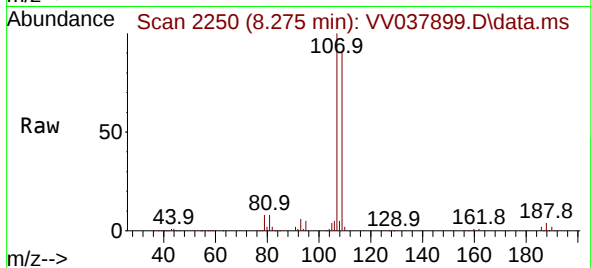
Tgt Ion:107 Resp: 220466

Ion Ratio Lower Upper

107 100

109 91.0 65.7 121.9

188 3.5 2.8 4.2



#51

Chlorobenzene

Concen: 53.820 ug/L

RT: 8.805 min Scan# 2415

Delta R.T. 0.000 min

Lab File: VV037899.D

Acq: 21 Oct 2024 11:12

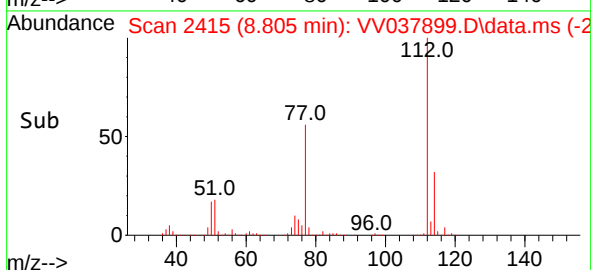
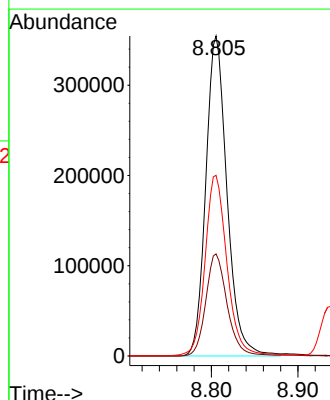
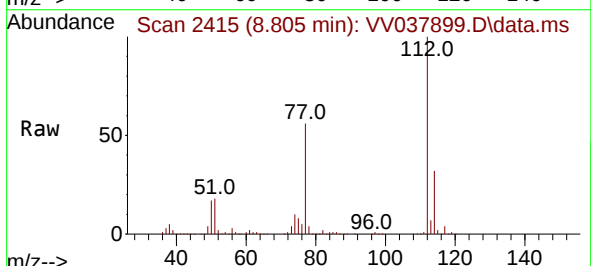
Tgt Ion:112 Resp: 604035

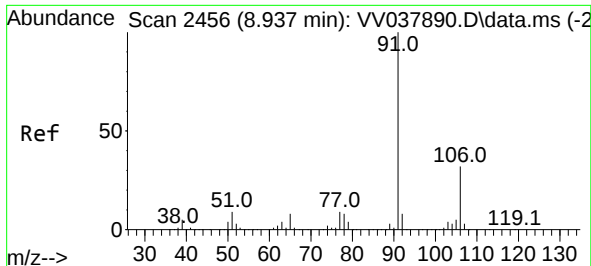
Ion Ratio Lower Upper

112 100

114 31.9 22.5 41.7

77 56.4 45.8 68.8

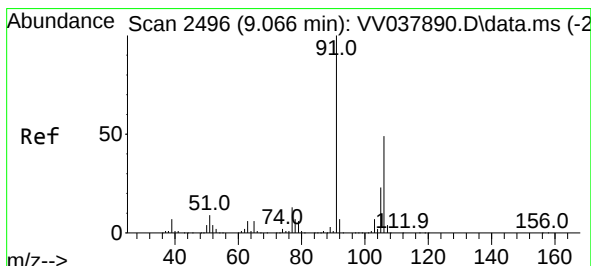
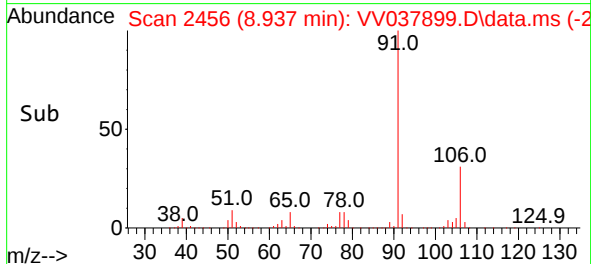
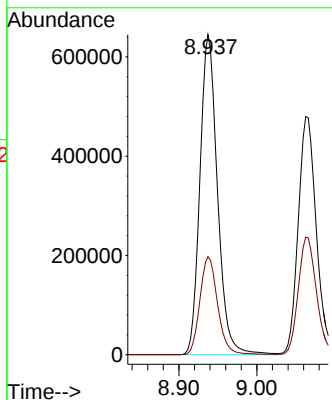
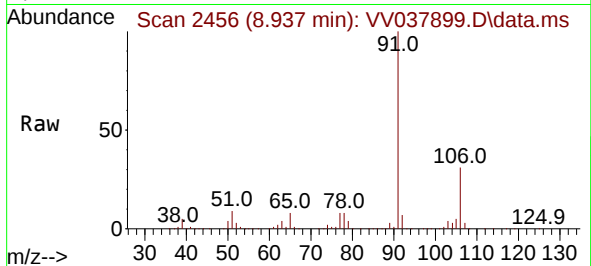




#52
Ethylbenzene
Concen: 54.388 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV037899.D
Acq: 21 Oct 2024 11:12

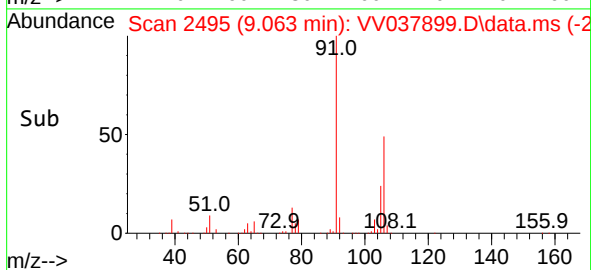
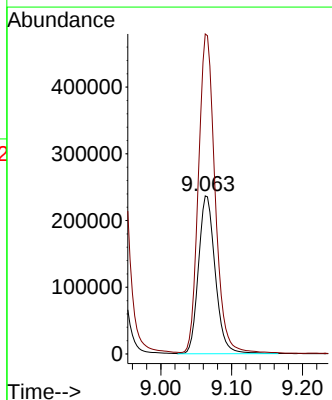
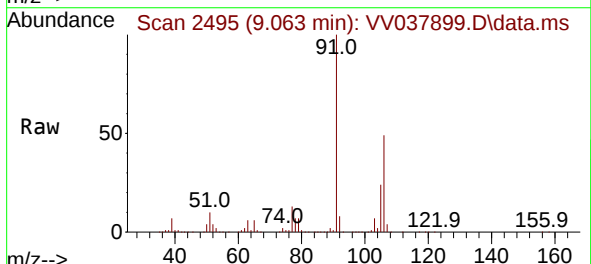
Instrument :
MSVOA_V
ClientSampleId :

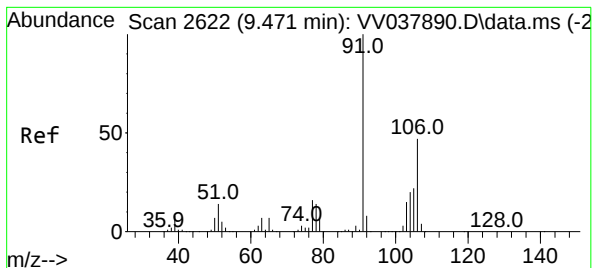
Tgt Ion: 91 Resp: 1008544
Ion Ratio Lower Upper
91 100
106 30.6 21.9 40.7



#53
m,p-Xylene
Concen: 56.180 ug/L
RT: 9.063 min Scan# 2495
Delta R.T. -0.003 min
Lab File: VV037899.D
Acq: 21 Oct 2024 11:12

Tgt Ion: 106 Resp: 387711
Ion Ratio Lower Upper
106 100
91 202.4 142.0 263.6





#54

o-Xylene

Concen: 55.207 ug/L

RT: 9.471 min Scan# 2622

Delta R.T. 0.000 min

Lab File: VV037899.D

Acq: 21 Oct 2024 11:12

Instrument :

MSVOA_V

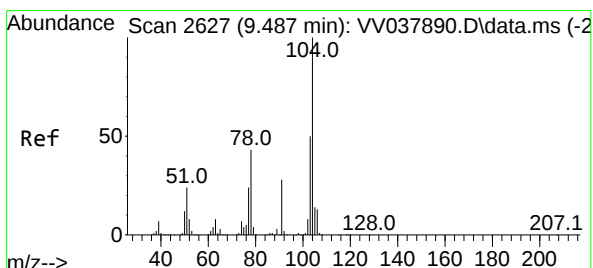
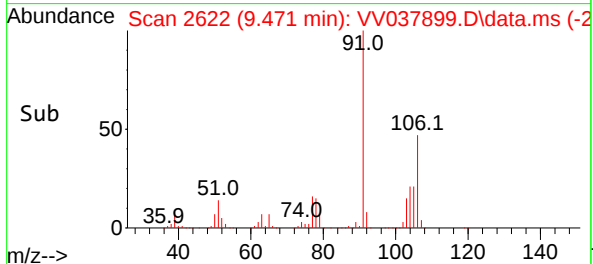
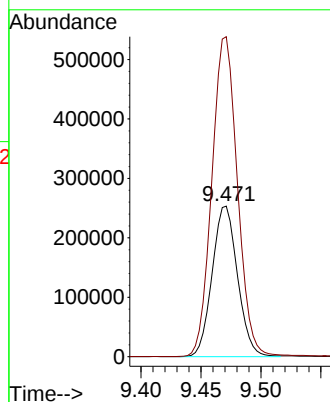
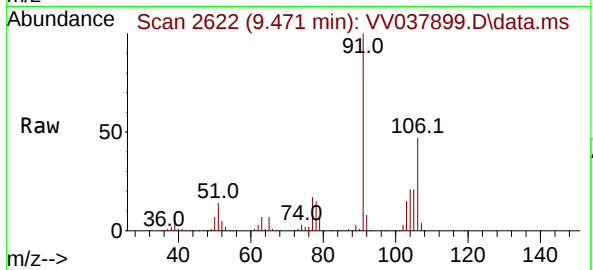
ClientSampleId :

Tgt Ion:106 Resp: 371963

Ion Ratio Lower Upper

106 100

91 212.6 153.9 285.9



#55

Styrene

Concen: 58.380 ug/L

RT: 9.487 min Scan# 2627

Delta R.T. 0.000 min

Lab File: VV037899.D

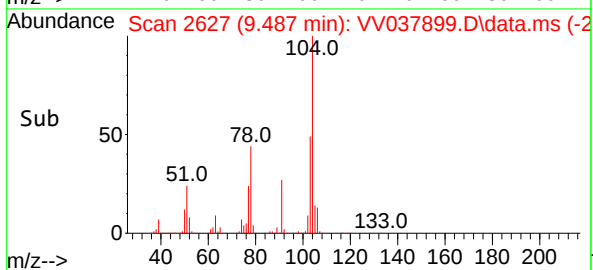
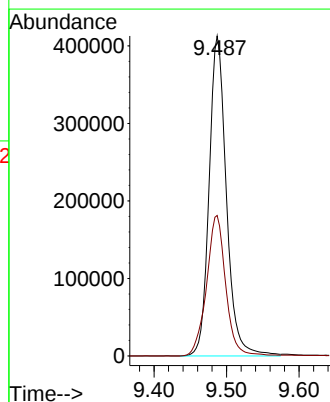
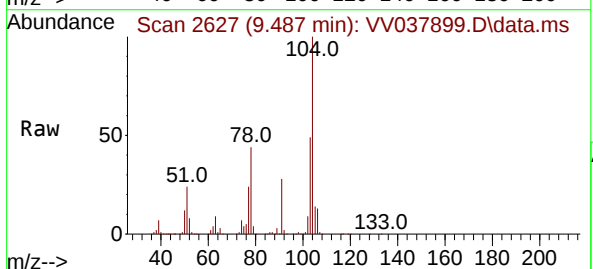
Acq: 21 Oct 2024 11:12

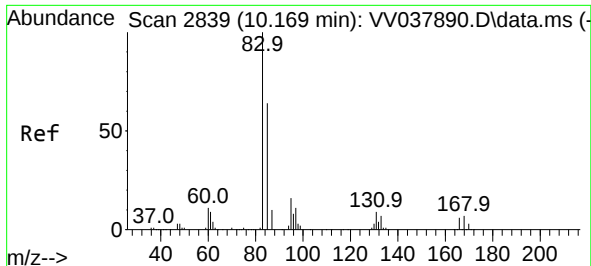
Tgt Ion:104 Resp: 684747

Ion Ratio Lower Upper

104 100

78 43.9 30.0 55.6





#57

1,1,2,2-Tetrachloroethane

Concen: 55.557 ug/L

RT: 10.169 min Scan# 2839

Delta R.T. 0.000 min

Lab File: VV037899.D

Acq: 21 Oct 2024 11:12

Instrument :

MSVOA_V

ClientSampleId :

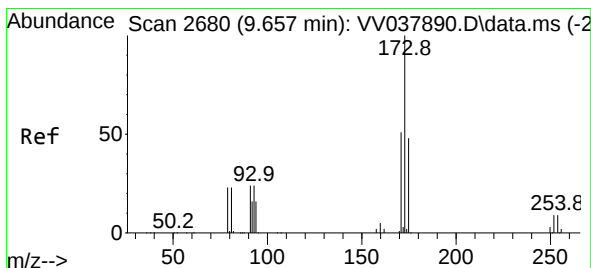
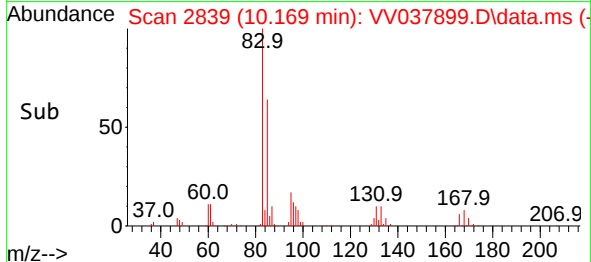
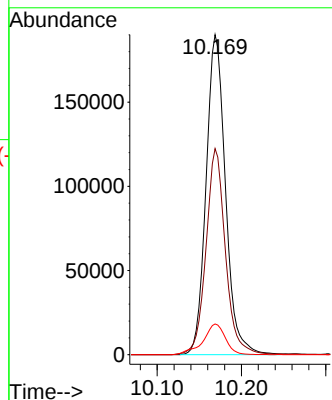
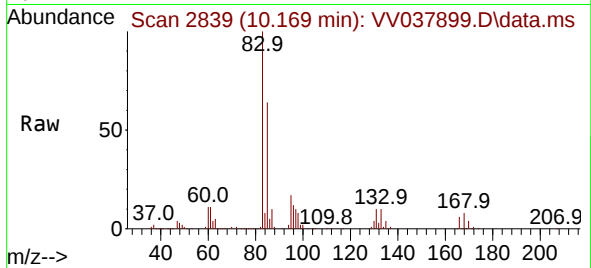
Tgt Ion: 83 Resp: 305192

Ion Ratio Lower Upper

83 100

85 64.4 45.9 85.3

131 9.6 7.9 11.9



#59

Bromoform

Concen: 54.679 ug/L

RT: 9.658 min Scan# 2680

Delta R.T. 0.000 min

Lab File: VV037899.D

Acq: 21 Oct 2024 11:12

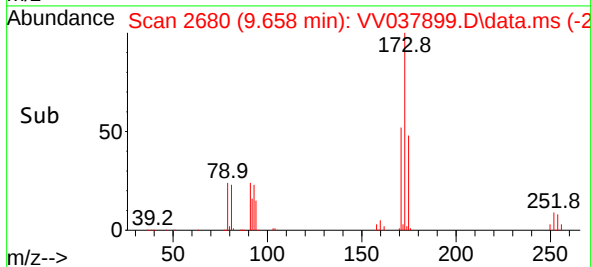
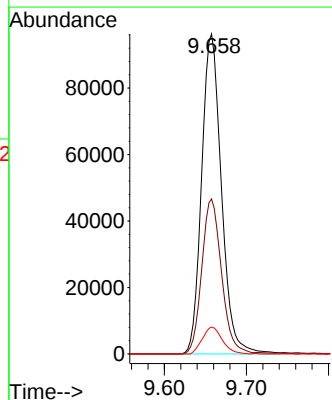
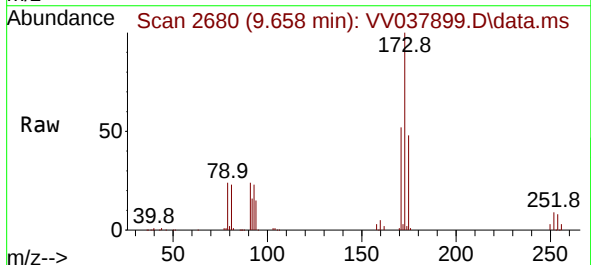
Tgt Ion: 173 Resp: 161547

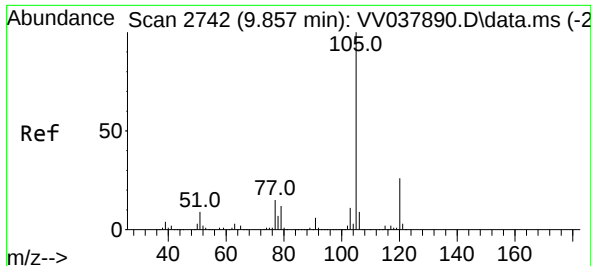
Ion Ratio Lower Upper

173 100

175 48.2 40.0 60.0

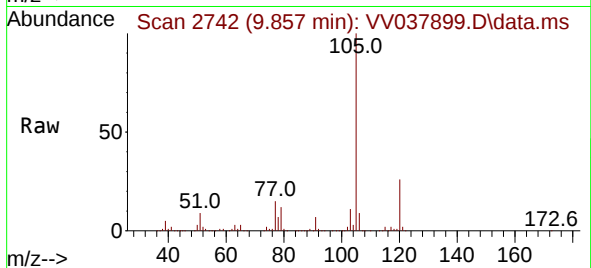
254 8.4 6.5 9.7



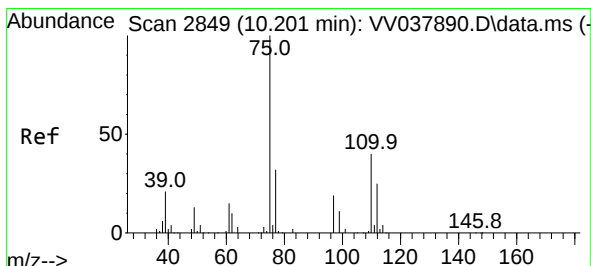
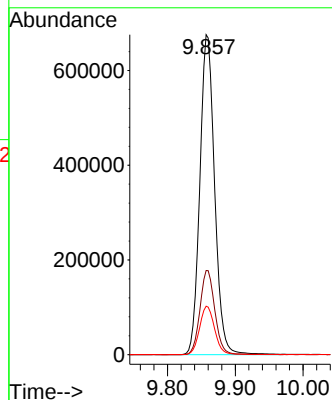
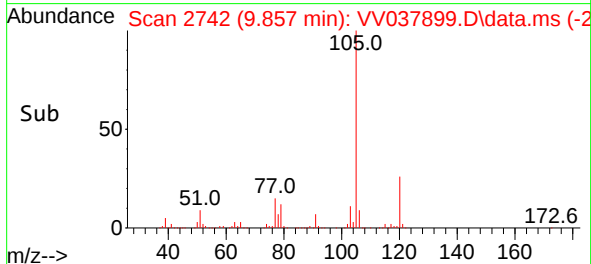


#60
Isopropylbenzene
Concen: 51.992 ug/L
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037899.D
Acq: 21 Oct 2024 11:12

Instrument :
MSVOA_V
ClientSampleId :

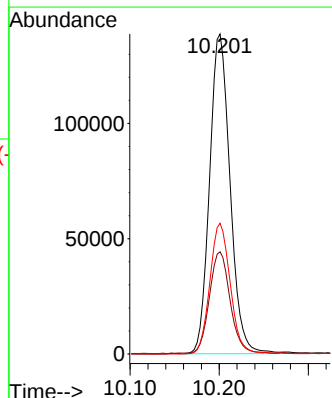
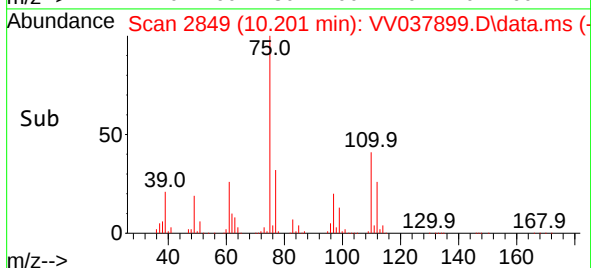
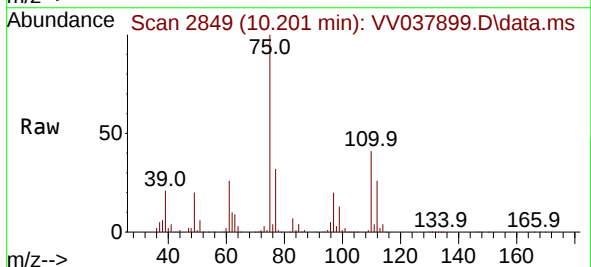


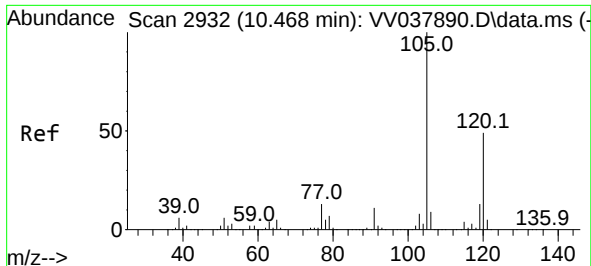
Tgt Ion:105 Resp: 1021785
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 15.3 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 51.404 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.000 min
Lab File: VV037899.D
Acq: 21 Oct 2024 11:12

Tgt Ion: 75 Resp: 221107
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
110 40.5 31.7 47.5

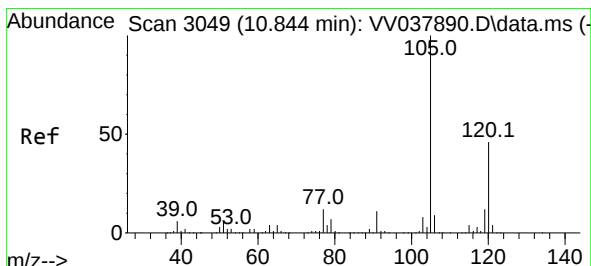
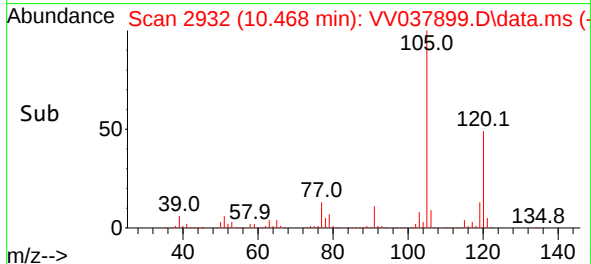
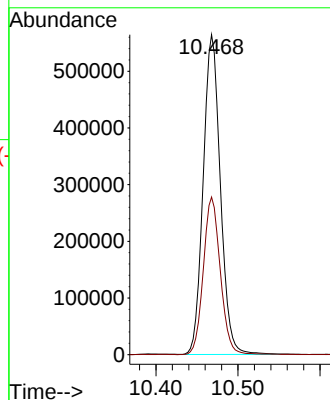
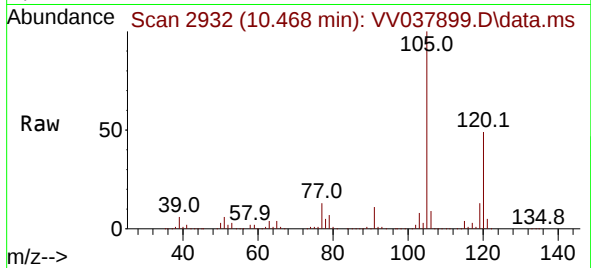




#62
 1,3,5-Trimethylbenzene
 Concen: 52.820 ug/L
 RT: 10.468 min Scan# 2932
 Delta R.T. 0.000 min
 Lab File: VV037899.D
 Acq: 21 Oct 2024 11:12

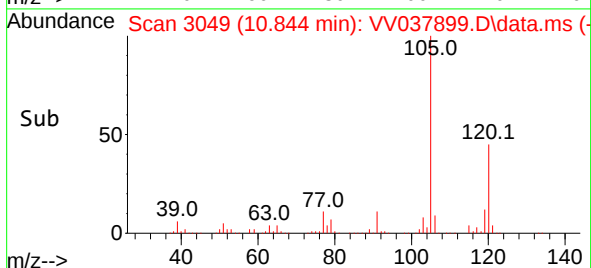
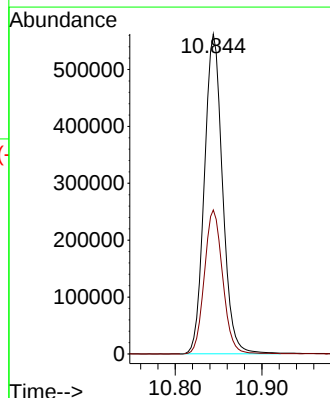
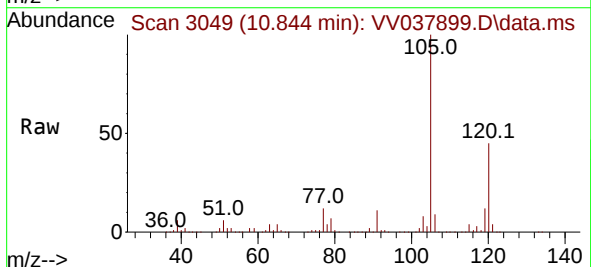
Instrument :
 MSVOA_V
 ClientSampleId :

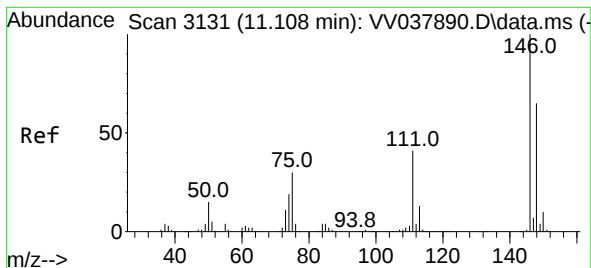
Tgt Ion:105 Resp: 820697
 Ion Ratio Lower Upper
 105 100
 120 48.6 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 53.049 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. 0.000 min
 Lab File: VV037899.D
 Acq: 21 Oct 2024 11:12

Tgt Ion:105 Resp: 820106
 Ion Ratio Lower Upper
 105 100
 120 45.2 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 53.320 ug/L

RT: 11.108 min Scan# 3131

Delta R.T. 0.000 min

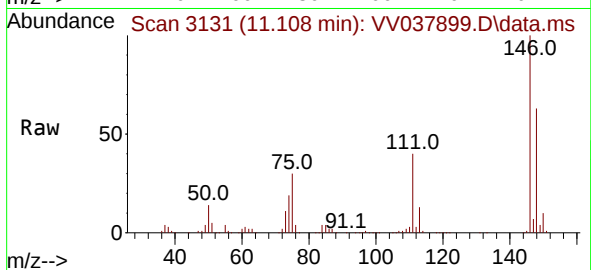
Lab File: VV037899.D

Acq: 21 Oct 2024 11:12

Instrument :

MSVOA_V

ClientSampleId :



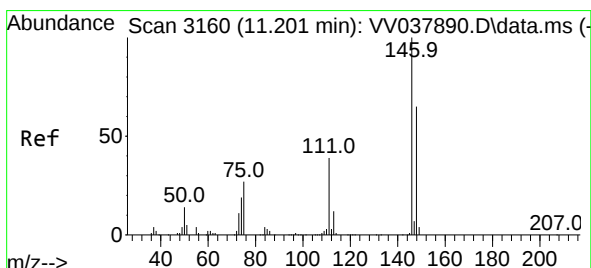
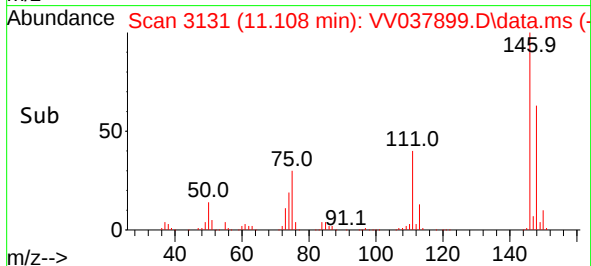
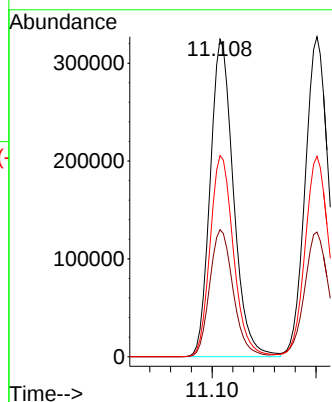
Tgt Ion:146 Resp: 504381

Ion Ratio Lower Upper

146 100

111 40.0 28.3 52.5

148 63.4 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 53.158 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037899.D

Acq: 21 Oct 2024 11:12

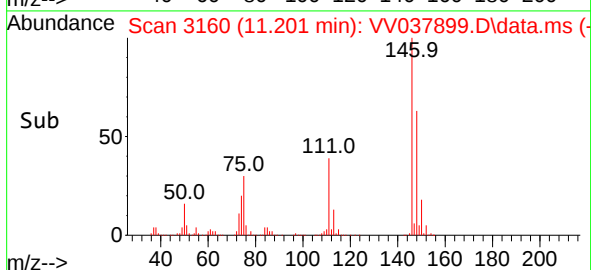
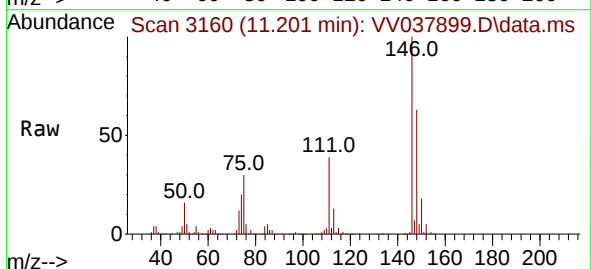
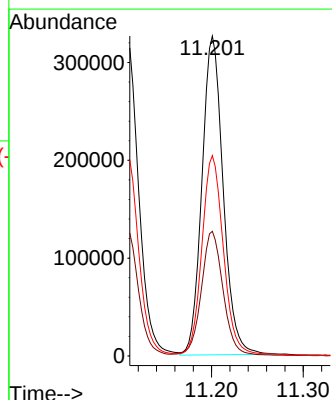
Tgt Ion:146 Resp: 523610

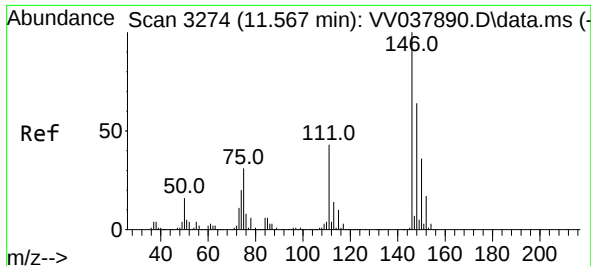
Ion Ratio Lower Upper

146 100

111 39.0 27.6 51.4

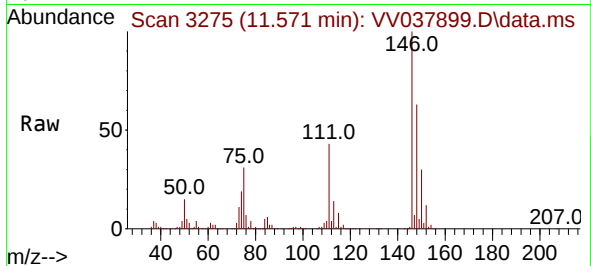
148 62.6 44.4 82.4



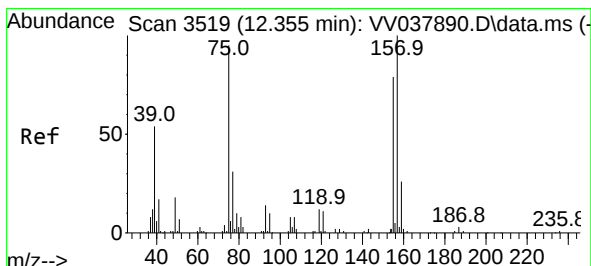
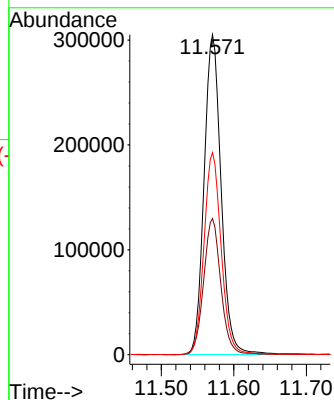
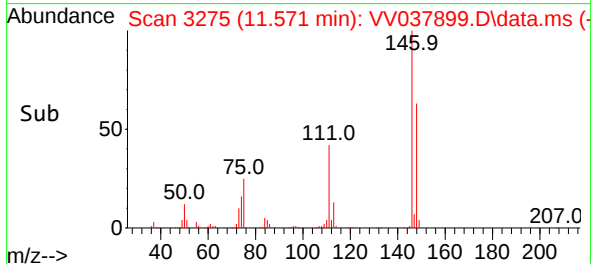


#67
1,2-Dichlorobenzene
Concen: 53.160 ug/L
RT: 11.571 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV037899.D
Acq: 21 Oct 2024 11:12

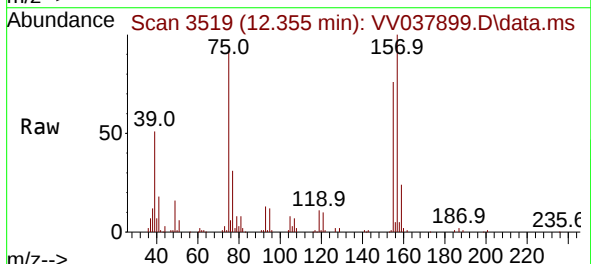
Instrument :
MSVOA_V
ClientSampleId :



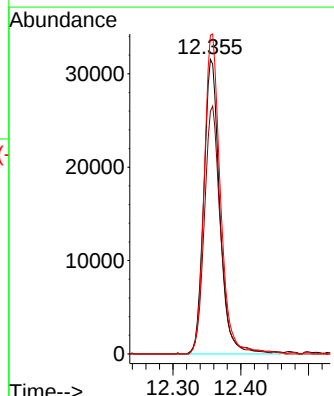
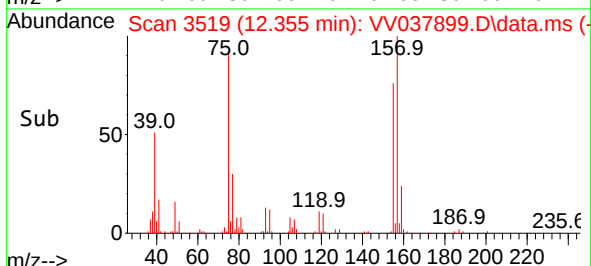
Tgt Ion:146 Resp: 497119
Ion Ratio Lower Upper
146 100
111 42.6 34.2 51.2
148 63.1 50.9 76.3

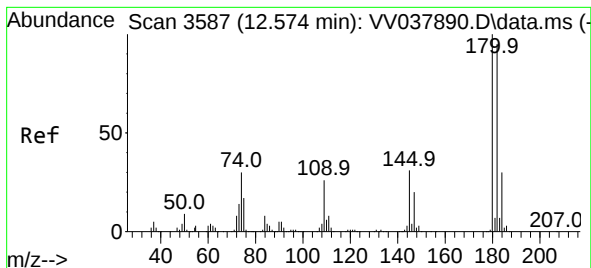


#68
1,2-Dibromo-3-chloropropane
Concen: 49.725 ug/L
RT: 12.355 min Scan# 3519
Delta R.T. 0.000 min
Lab File: VV037899.D
Acq: 21 Oct 2024 11:12



Tgt Ion: 75 Resp: 51920
Ion Ratio Lower Upper
75 100
155 82.4 66.2 99.4
157 108.3 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 53.558 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

Lab File: VV037899.D

Acq: 21 Oct 2024 11:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 348405

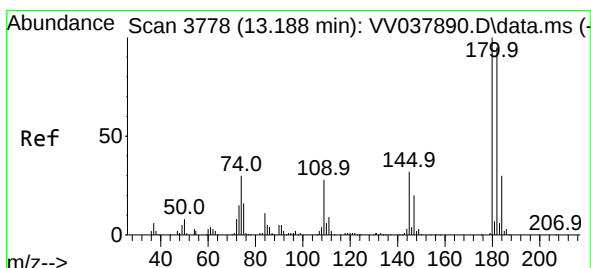
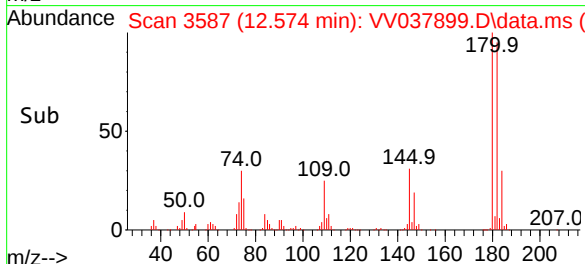
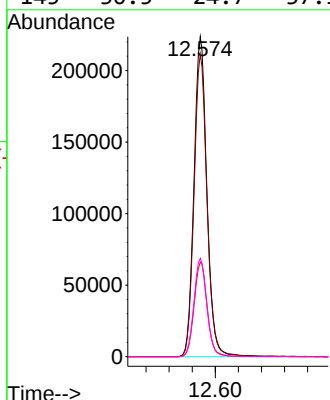
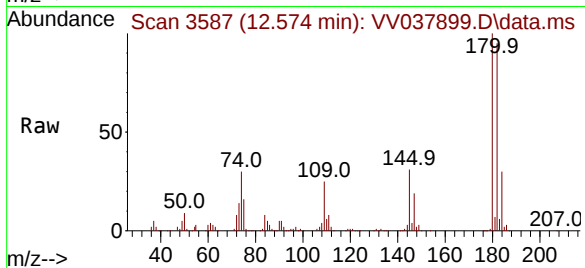
Ion Ratio Lower Upper

180 100

182 93.9 75.6 113.4

184 29.7 23.8 35.6

145 30.5 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 51.130 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.003 min

Lab File: VV037899.D

Acq: 21 Oct 2024 11:12

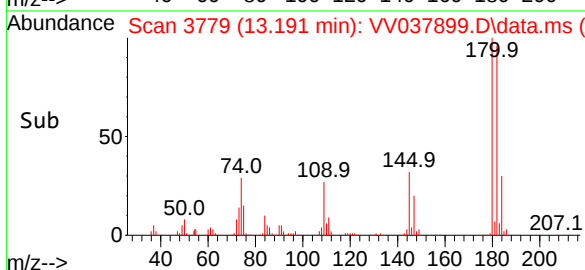
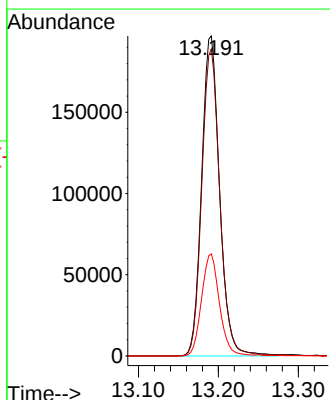
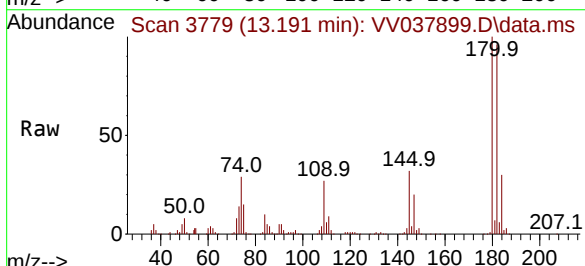
Tgt Ion:180 Resp: 308593

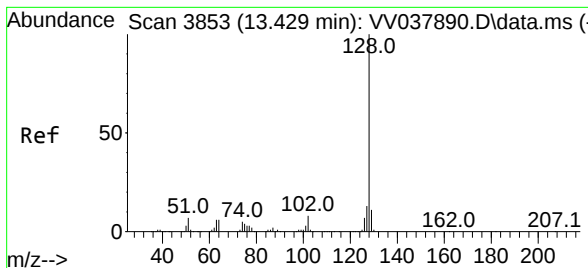
Ion Ratio Lower Upper

180 100

182 96.0 75.9 113.9

145 31.8 25.4 38.2





#71

Naphthalene

Concen: 50.230 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.003 min

Lab File: VV037899.D

Acq: 21 Oct 2024 11:12

Instrument :

MSVOA_V

ClientSampleId :

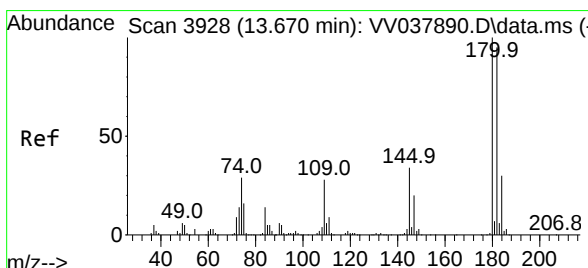
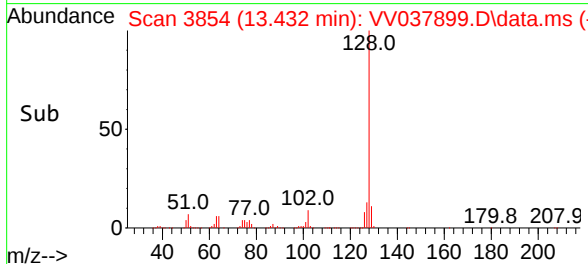
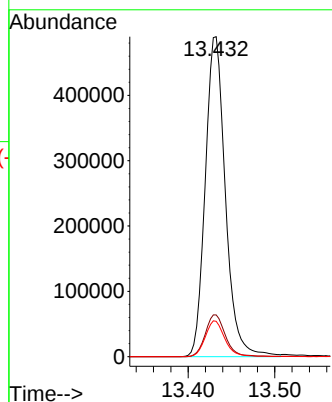
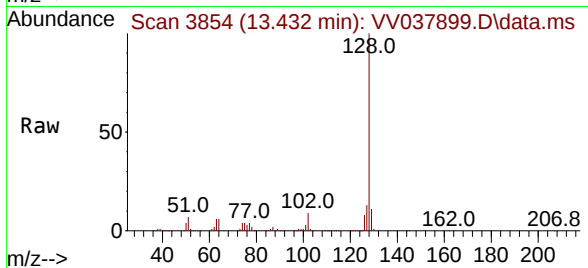
Tgt Ion:128 Resp: 792068

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.0 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 52.381 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. 0.000 min

Lab File: VV037899.D

Acq: 21 Oct 2024 11:12

Tgt Ion:180 Resp: 312199

Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.8

145 33.3 26.2 39.4

