

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090424\
 Data File : VV037197.D
 Acq On : 04 Sep 2024 13:48
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 05 01:33:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM090424SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 05 01:30:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	669916	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	643873	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	334087	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	901449	75.122	ug/L	0.00
7) Chloroethane-d5	1.532	69	714005	76.652	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	422725	78.315	ug/L	0.00
21) 2-Butanone-d5	3.812	46	382302	159.014	ug/L	-0.02
24) Chloroform-d	4.236	84	1680618	81.529	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	848872	81.186	ug/L	0.00
32) Benzene-d6	4.947	84	3352398	82.397	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.979	67	1032849	81.945	ug/L	0.00
41) Toluene-d8	7.233	98	3147894	85.554	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.542	79	440117	90.712	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	337980	214.374	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	836932	86.385	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	1081485	82.930	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	884358	95.897	ug/L	100
3) Chloromethane	1.217	50	964669	87.530	ug/L	100
5) Vinyl chloride	1.282	62	1003543	92.579	ug/L	100
6) Bromomethane	1.487	94	550917	87.858	ug/L	99
8) Chloroethane	1.548	64	600933	90.126	ug/L	100
9) Trichlorofluoromethane	1.712	101	1347884	91.101	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	858805	92.913	ug/L	99
12) 1,1-Dichloroethene	2.066	96	774801	92.020	ug/L	95
13) Acetone	2.066	43	8949	2.807	ug/L	94
14) Carbon disulfide	2.236	76	2576883	93.237	ug/L	99
15) Methyl Acetate	2.381	43	439412	95.789	ug/L	93
16) Methylene chloride	2.442	84	825560	67.239	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	834059	90.798	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	1963696	91.323	ug/L	99
19) 1,1-Dichloroethane	3.101	63	1556528	88.502	ug/L	100
20) cis-1,2-Dichloroethene	3.802	96	883000	91.061	ug/L	98
22) 2-Butanone	3.896	43	497514	187.730	ug/L	88
23) Bromochloromethane	4.133	128	382578	88.526	ug/L	98
25) Chloroform	4.265	83	1509987	88.438	ug/L	98
27) 1,2-Dichloroethane	5.034	62	966175	89.275	ug/L	99
29) Cyclohexane	4.568	56	1424578	98.061	ug/L	100
30) 1,1,1-Trichloroethane	4.500	97	1329457	92.971	ug/L	100
31) Carbon tetrachloride	4.722	117	1153877	95.447	ug/L	100
33) Benzene	4.998	78	3334973	92.315	ug/L	100
34) Trichloroethene	5.822	95	904392	91.980	ug/L	98
35) Methylcyclohexane	6.040	83	1592508	99.402	ug/L	98
37) 1,2-Dichloropropane	6.085	63	841743	89.860	ug/L	99
38) Bromodichloromethane	6.423	83	1085621	91.801	ug/L	98
39) cis-1,3-Dichloropropene	6.944	75	1388115	100.102	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	1006139	192.586	ug/L	96
42) Toluene	7.307	91	3596073	94.592	ug/L	97
44) trans-1,3-Dichloropropene	7.571	75	1144928	101.610	ug/L	99

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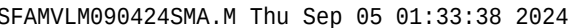
Instrument :
 MSVOA_V
 ClientSampleId :

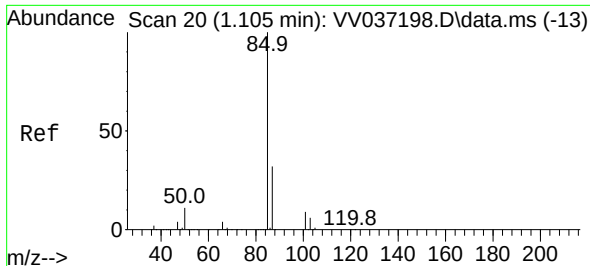
Quant Time: Sep 05 01:33:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM090424SMA.M
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.760	97	639809	90.632	ug/L	99
46) Tetrachloroethene	7.895	164	665088	92.022	ug/L	99
48) 2-Hexanone	8.072	43	872367	223.091	ug/L	96
49) Dibromochloromethane	8.169	129	714987	97.335	ug/L	98
50) 1,2-Dibromoethane	8.275	107	622676	92.318	ug/L	97
51) Chlorobenzene	8.805	112	2289629	92.033	ug/L	99
52) Ethylbenzene	8.937	91	4138422	97.210	ug/L	99
53) m,p-Xylene	9.066	106	1561157	98.840	ug/L	99
54) o-Xylene	9.471	106	1500486	98.614	ug/L	99
55) Styrene	9.487	104	2572664	100.632	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	782762	93.046	ug/L	99
59) Bromoform	9.657	173	409509	96.540	ug/L	100
60) Isopropylbenzene	9.860	105	4175226	96.236	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	544256	88.407	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	3433993	99.665	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	3384271	99.035	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	1804981	91.247	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	1812887	89.890	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	1641436	89.462	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	132424	95.313	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	1325978	94.475	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	1161780	93.765	ug/L	99
71) Naphthalene	13.432	128	2269993	93.911	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	1034660	90.932	ug/L	97

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

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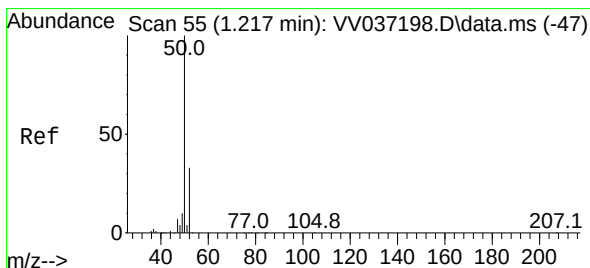
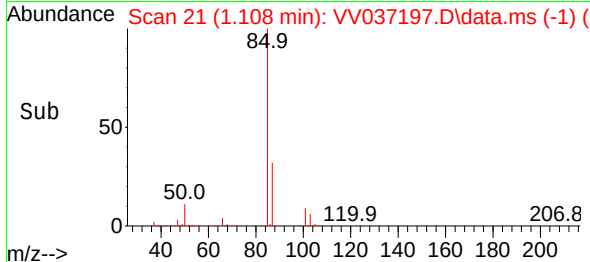
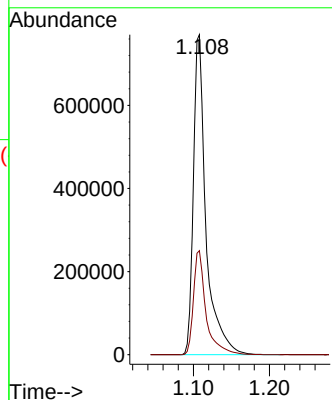
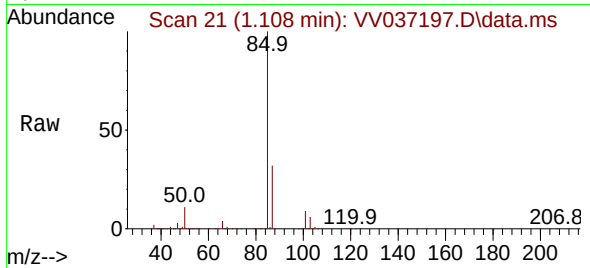




#2
 Dichlorodifluoromethane
 Concen: 95.897 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV037197.D
 Acq: 04 Sep 2024 13:48

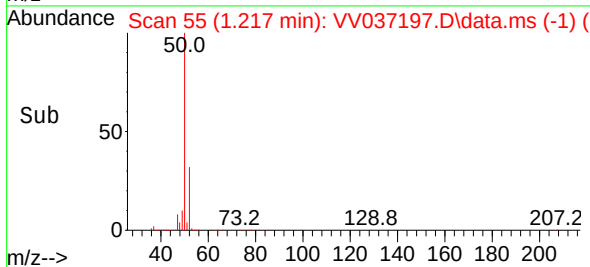
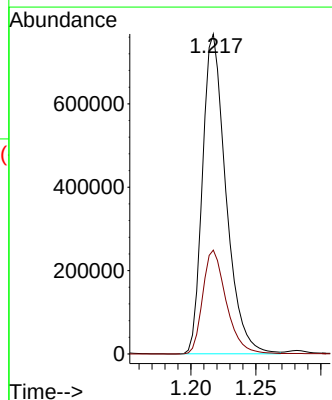
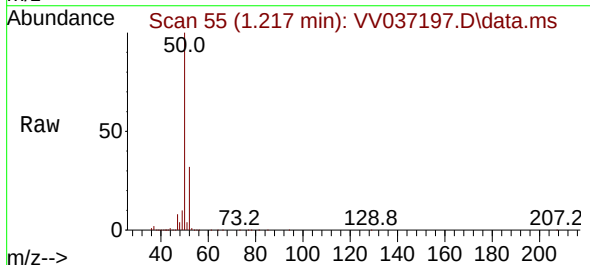
Instrument :
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 ClientSampleId :

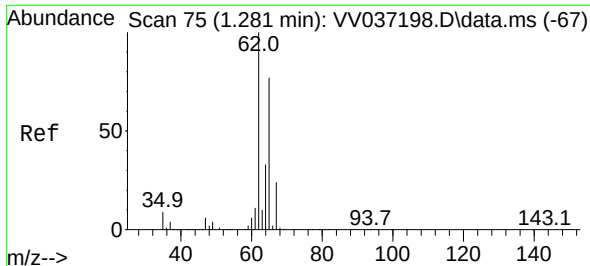
Tgt Ion: 85 Resp: 884358
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.1 39.1



#3
 Chloromethane
 Concen: 87.530 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037197.D
 Acq: 04 Sep 2024 13:48

Tgt Ion: 50 Resp: 964669
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.9 42.5

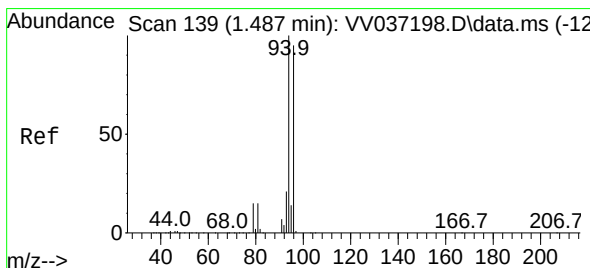
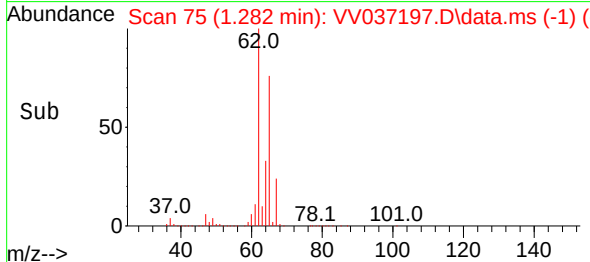
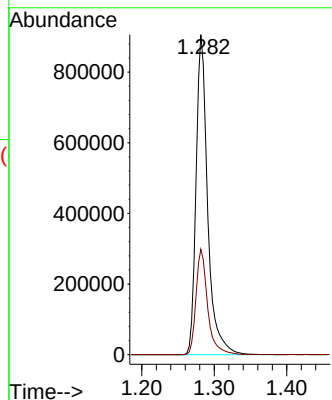
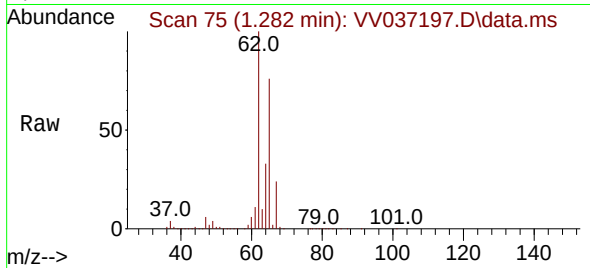




#5
 Vinyl chloride
 Concen: 92.579 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037197.D
 Acq: 04 Sep 2024 13:48

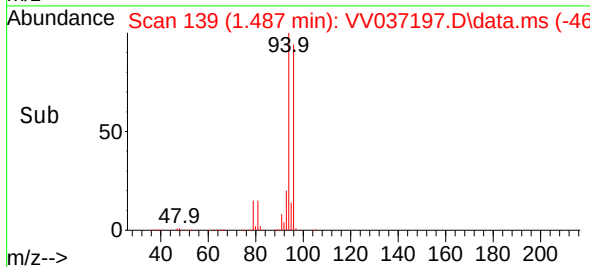
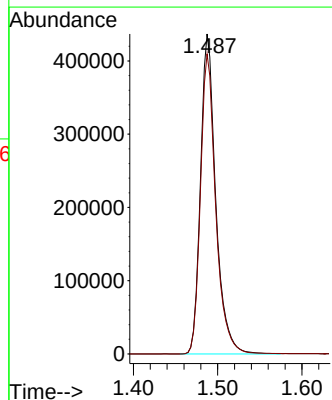
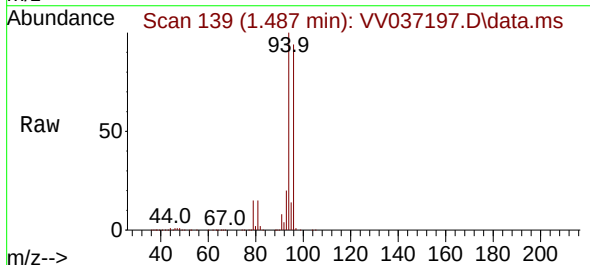
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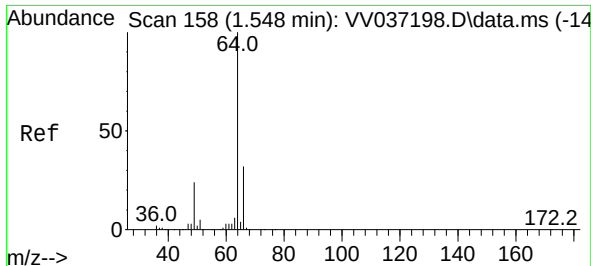
Tgt Ion: 62 Resp: 1003543
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.2 43.2



#6
 Bromomethane
 Concen: 87.858 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037197.D
 Acq: 04 Sep 2024 13:48

Tgt Ion: 94 Resp: 550917
 Ion Ratio Lower Upper
 94 100
 96 93.8 66.6 123.6

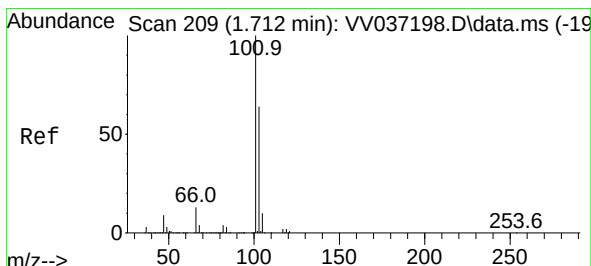
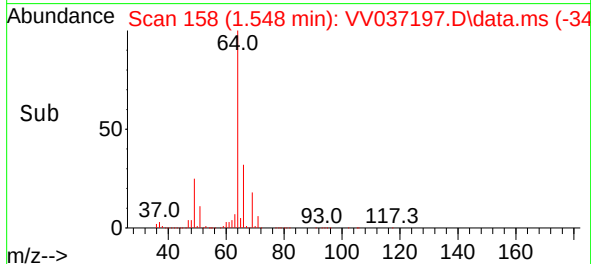
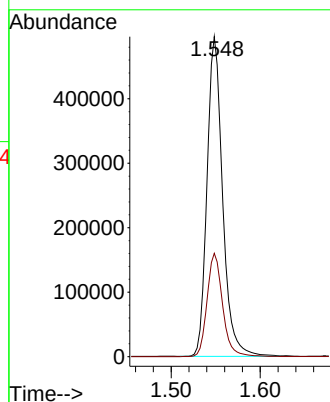
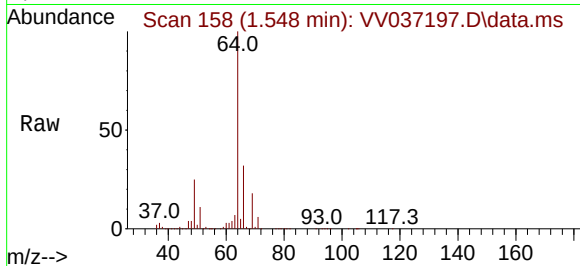




#8
Chloroethane
Concen: 90.126 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037197.D
Acq: 04 Sep 2024 13:48

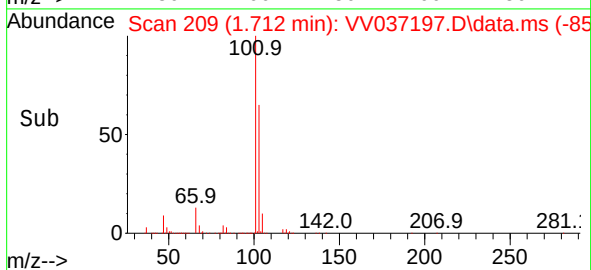
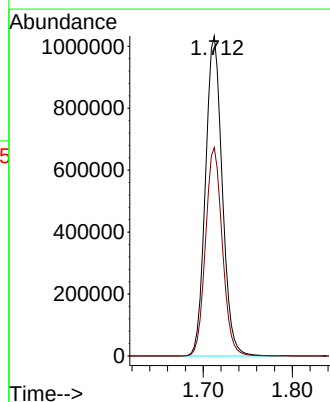
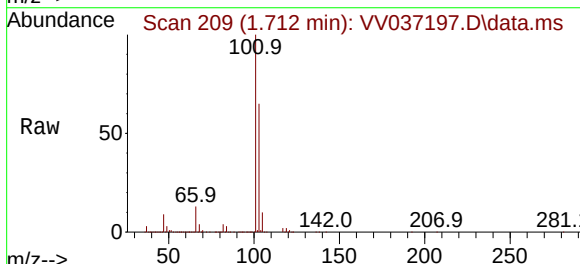
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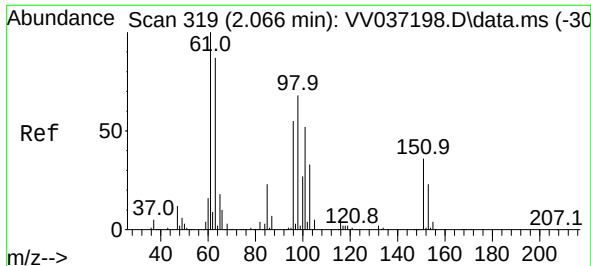
Tgt Ion: 64 Resp: 600933
Ion Ratio Lower Upper
64 100
66 32.3 22.7 42.1



#9
Trichlorofluoromethane
Concen: 91.101 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037197.D
Acq: 04 Sep 2024 13:48

Tgt Ion:101 Resp: 1347884
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2

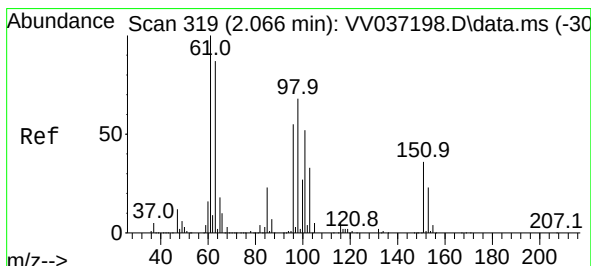
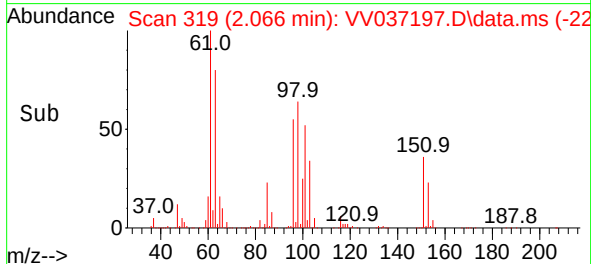
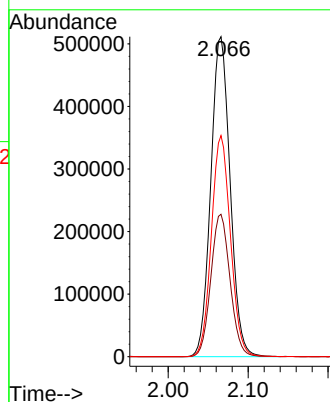
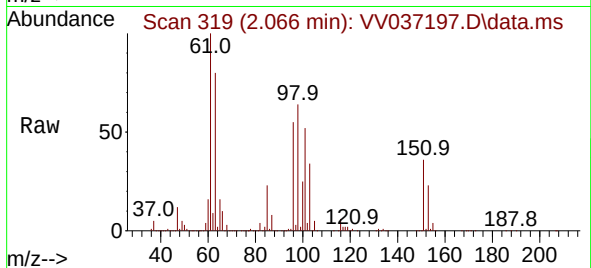




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 92.913 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV037197.D
 Acq: 04 Sep 2024 13:48

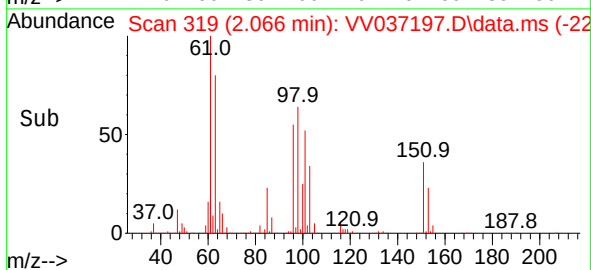
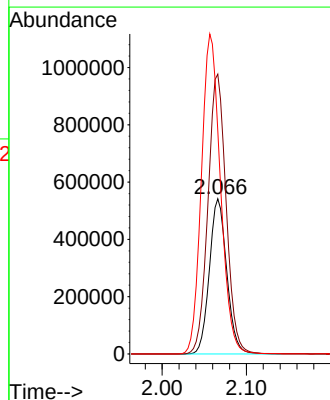
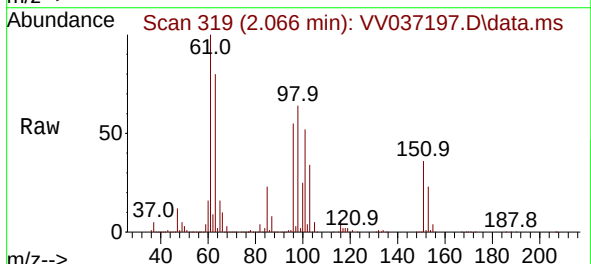
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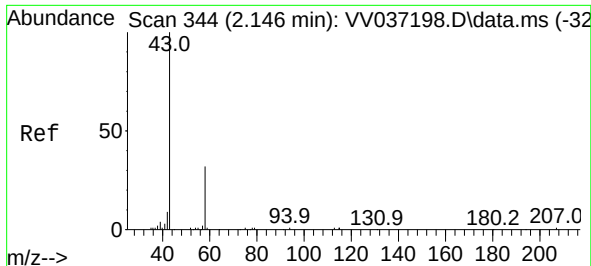
Tgt Ion:101 Resp: 858805
 Ion Ratio Lower Upper
 101 100
 85 44.3 34.7 52.1
 151 68.2 54.3 81.5



#12
 1,1-Dichloroethene
 Concen: 92.020 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV037197.D
 Acq: 04 Sep 2024 13:48

Tgt Ion: 96 Resp: 774801
 Ion Ratio Lower Upper
 96 100
 61 180.4 126.8 235.6
 63 143.9 110.4 205.0





#13

Acetone

Concen: 2.807 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.080 min

Lab File: VV037197.D

Acq: 04 Sep 2024 13:48

Instrument :

MSVOA_V

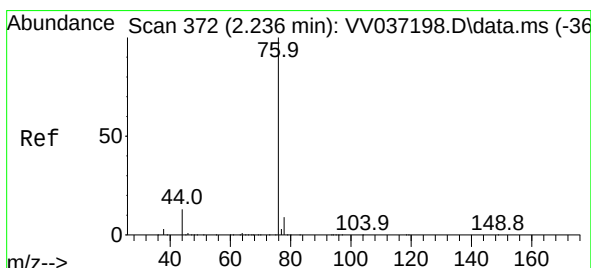
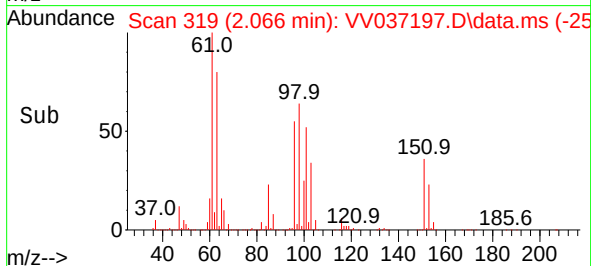
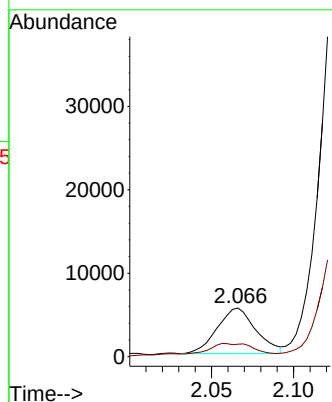
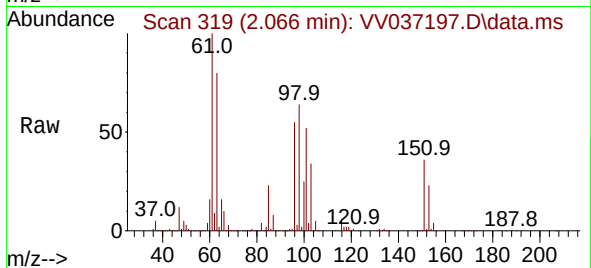
ClientSampleId :

Tgt Ion: 43 Resp: 8949

Ion Ratio Lower Upper

43 100

58 13.4 0.0 22.2



#14

Carbon disulfide

Concen: 93.237 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV037197.D

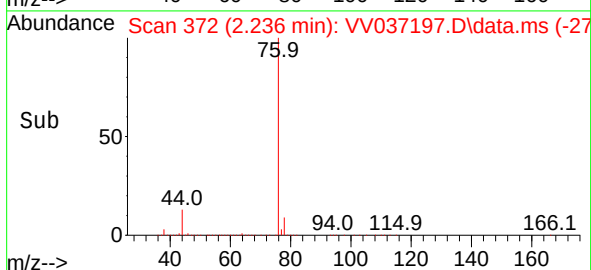
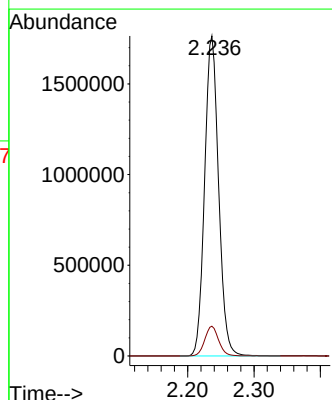
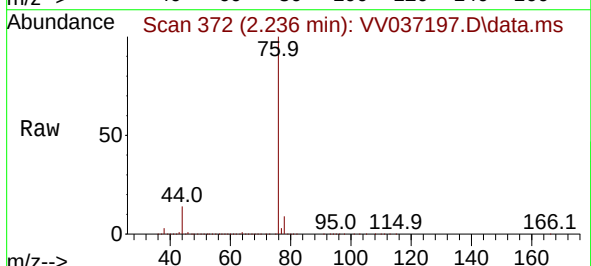
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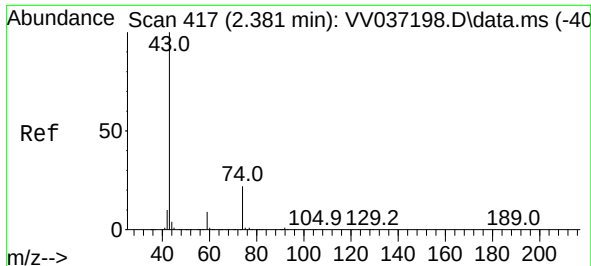
Tgt Ion: 76 Resp: 2576883

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

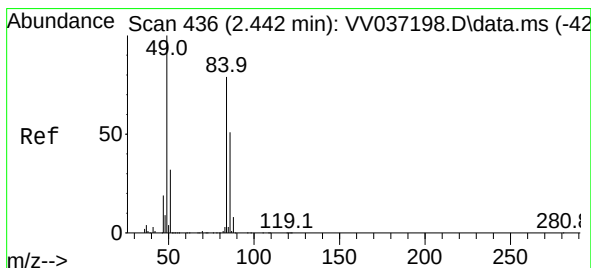
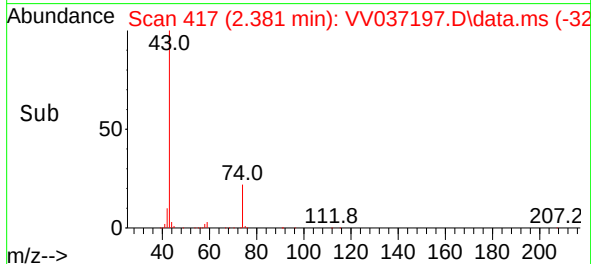
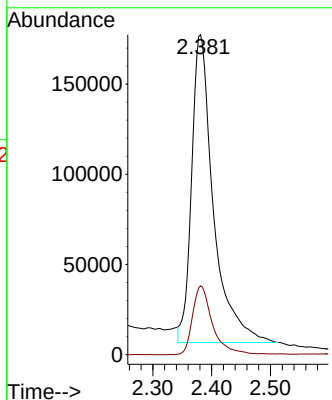
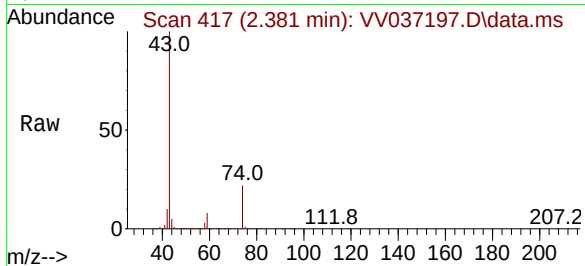




#15
Methyl Acetate
Concen: 95.789 ug/L
RT: 2.381 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV037197.D
Acq: 04 Sep 2024 13:48

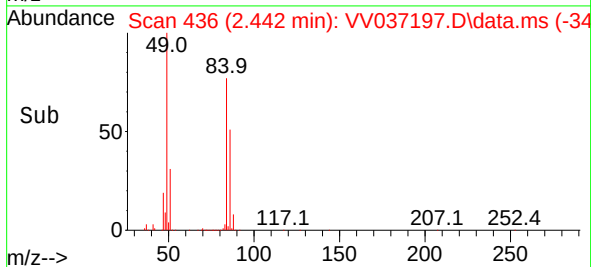
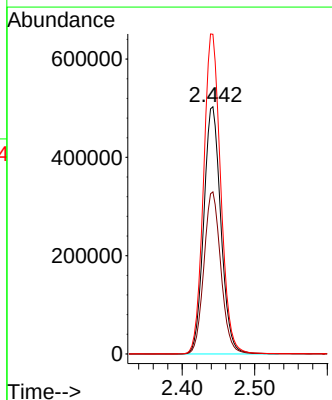
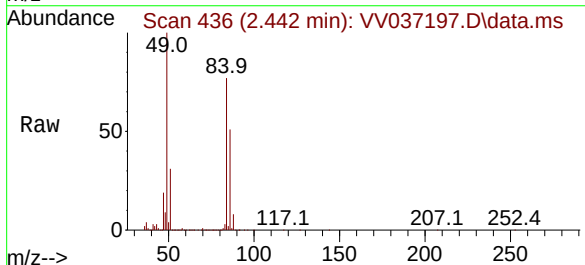
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MSVOA_V
ClientSampleId :

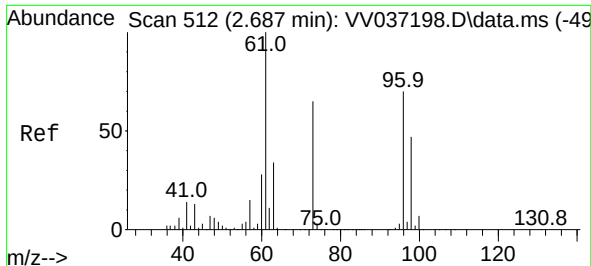
Tgt Ion: 43 Resp: 439412
Ion Ratio Lower Upper
43 100
74 20.5 19.0 28.4



#16
Methylene chloride
Concen: 67.239 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV037197.D
Acq: 04 Sep 2024 13:48

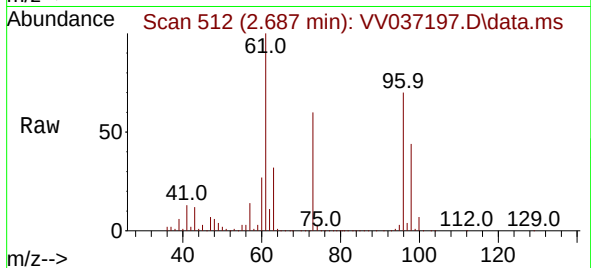
Tgt Ion: 84 Resp: 825560
Ion Ratio Lower Upper
84 100
86 65.6 45.4 84.2
49 129.3 88.7 164.7



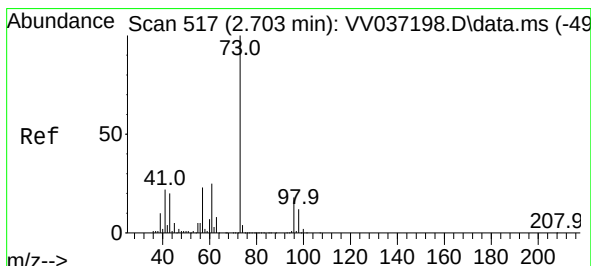
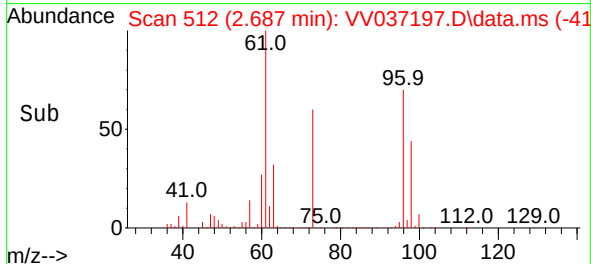
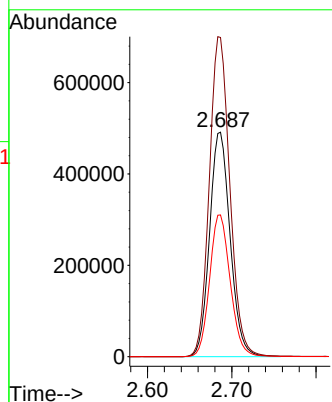


#17
trans-1,2-Dichloroethene
Concen: 90.798 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV037197.D
Acq: 04 Sep 2024 13:48

Instrument :
MSVOA_V
ClientSampleId :

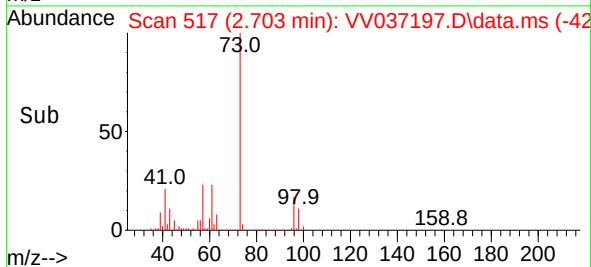
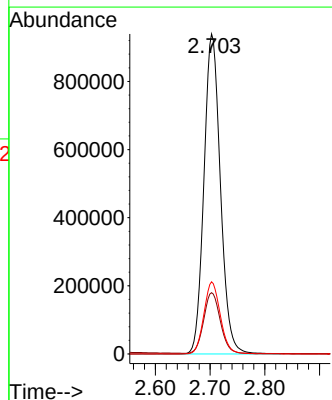
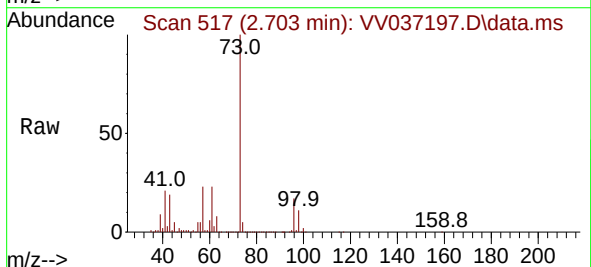


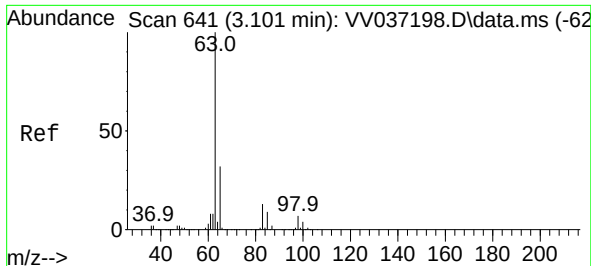
Tgt Ion: 96 Resp: 834059
Ion Ratio Lower Upper
96 100
61 142.2 99.7 185.1
98 63.2 46.4 86.2



#18
Methyl tert-butyl Ether
Concen: 91.323 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV037197.D
Acq: 04 Sep 2024 13:48

Tgt Ion: 73 Resp: 1963696
Ion Ratio Lower Upper
73 100
43 19.3 15.7 23.5
57 22.5 18.3 27.5

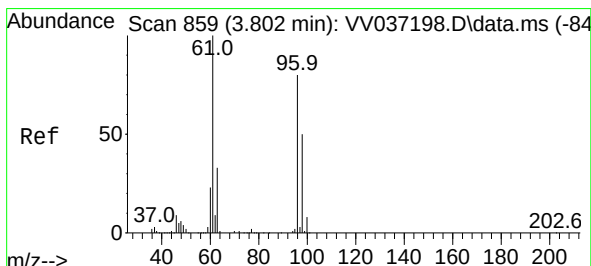
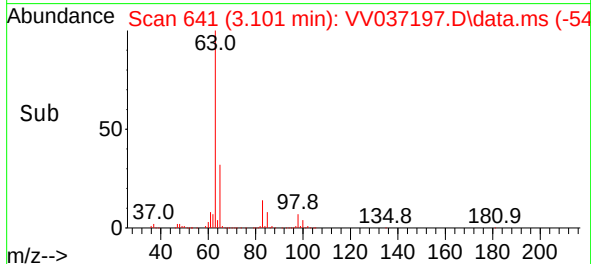
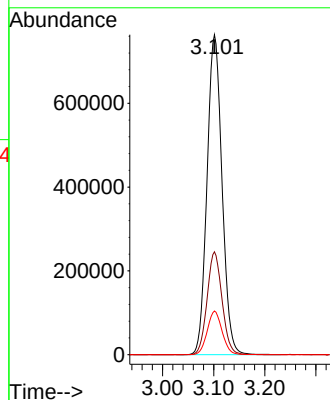
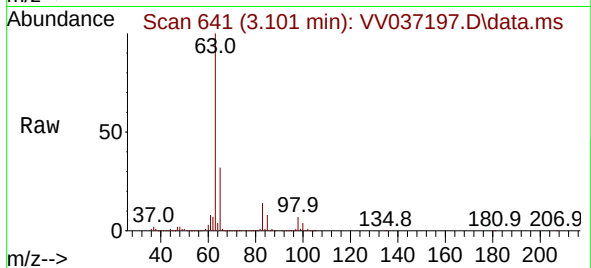




#19
1,1-Dichloroethane
Concen: 88.502 ug/L
RT: 3.101 min Scan# 641
Delta R.T. 0.000 min
Lab File: VV037197.D
Acq: 04 Sep 2024 13:48

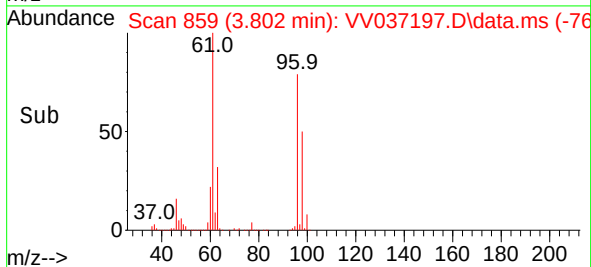
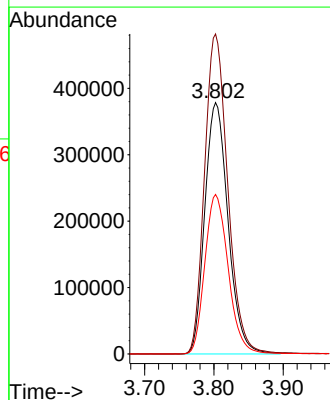
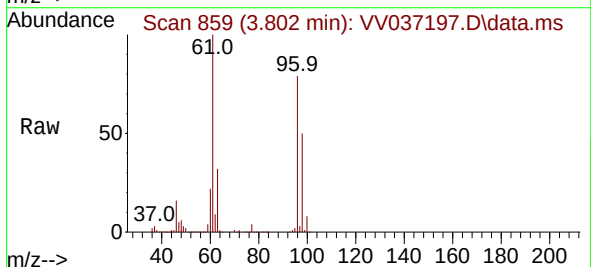
Instrument :
MSVOA_V
ClientSampleId :

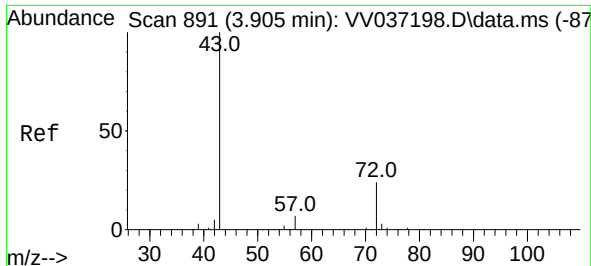
Tgt Ion: 63 Resp: 1556528
Ion Ratio Lower Upper
63 100
65 32.1 22.4 41.6
83 13.6 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 91.061 ug/L
RT: 3.802 min Scan# 859
Delta R.T. 0.000 min
Lab File: VV037197.D
Acq: 04 Sep 2024 13:48

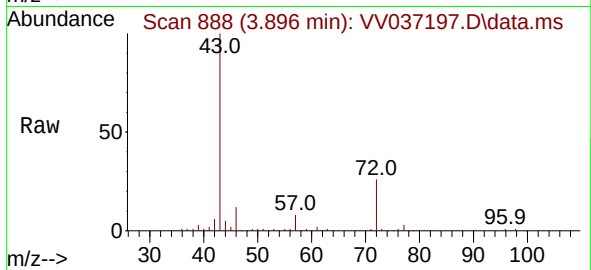
Tgt Ion: 96 Resp: 883000
Ion Ratio Lower Upper
96 100
61 127.3 87.6 162.6
98 63.5 44.0 81.6



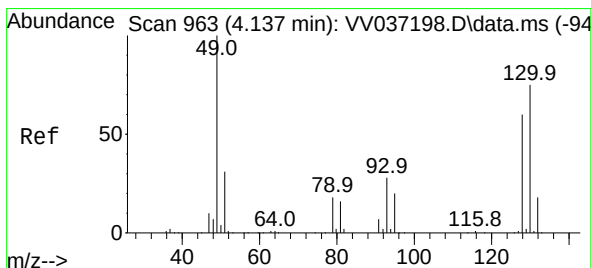
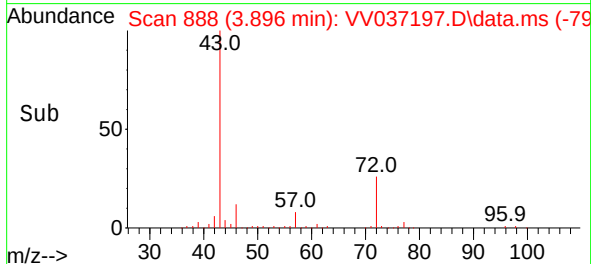
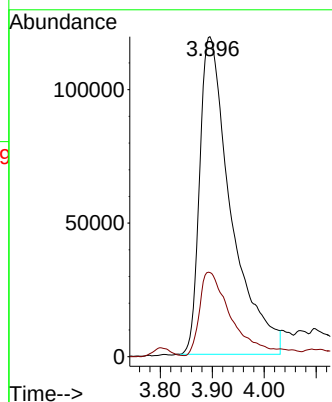


#22
2-Butanone
Concen: 187.730 ug/L
RT: 3.896 min Scan# 891
Delta R.T. -0.010 min
Lab File: VV037197.D
Acq: 04 Sep 2024 13:48

Instrument :
MSVOA_V
ClientSampleId :

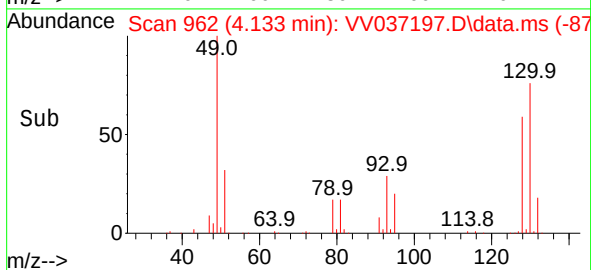
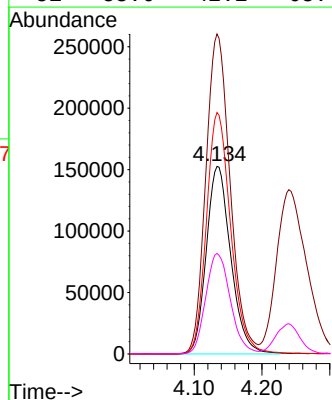
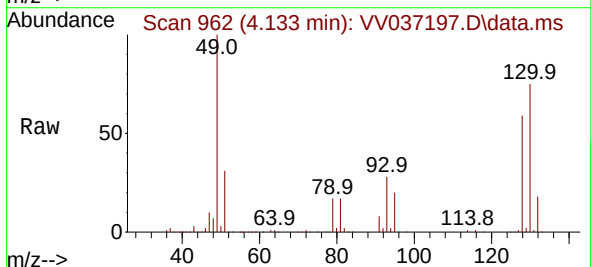


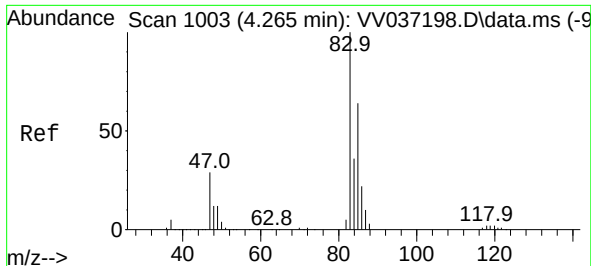
Tgt Ion: 43 Resp: 497514
Ion Ratio Lower Upper
43 100
72 26.1 10.2 30.6



#23
Bromochloromethane
Concen: 88.526 ug/L
RT: 4.133 min Scan# 962
Delta R.T. -0.003 min
Lab File: VV037197.D
Acq: 04 Sep 2024 13:48

Tgt Ion:128 Resp: 382578
Ion Ratio Lower Upper
128 100
49 170.6 117.8 218.8
130 128.8 88.4 164.2
51 53.6 42.2 63.4





#25

Chloroform

Concen: 88.438 ug/L

RT: 4.265 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV037197.D

Acq: 04 Sep 2024 13:48

Instrument :

MSVOA_V

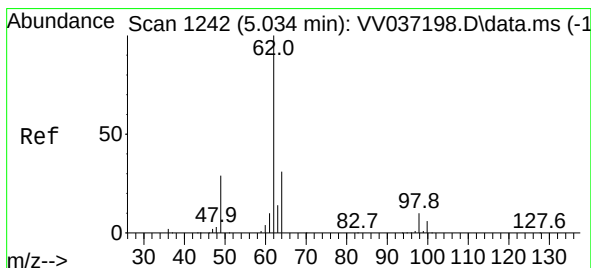
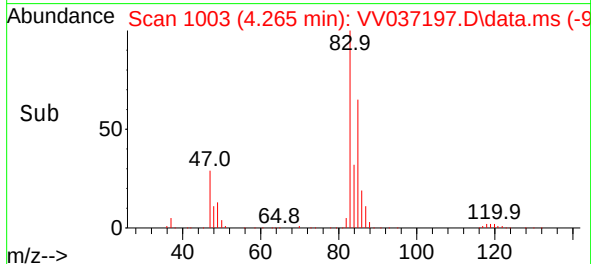
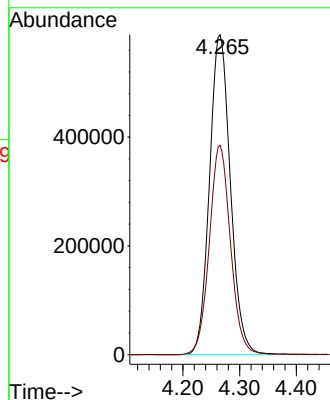
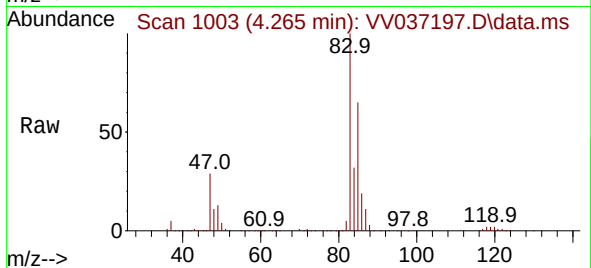
ClientSampleId :

Tgt Ion: 83 Resp: 1509987

Ion Ratio Lower Upper

83 100

85 65.5 44.9 83.3



#27

1,2-Dichloroethane

Concen: 89.275 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VV037197.D

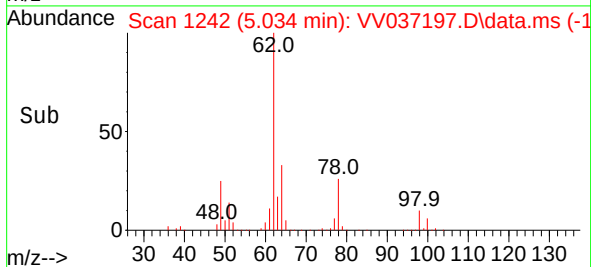
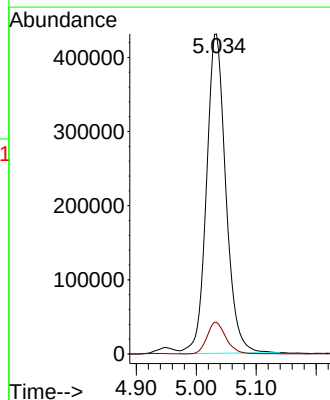
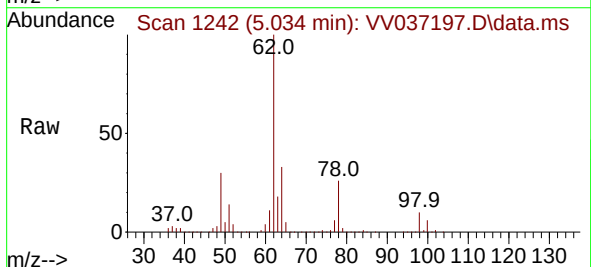
Acq: 04 Sep 2024 13:48

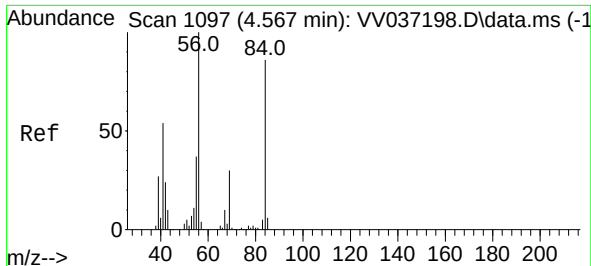
Tgt Ion: 62 Resp: 966175

Ion Ratio Lower Upper

62 100

98 9.9 8.3 12.5





#29

Cyclohexane

Concen: 98.061 ug/L

RT: 4.568 min Scan# 1097

Delta R.T. 0.000 min

Lab File: VV037197.D

Acq: 04 Sep 2024 13:48

Instrument :

MSVOA_V

ClientSampleId :

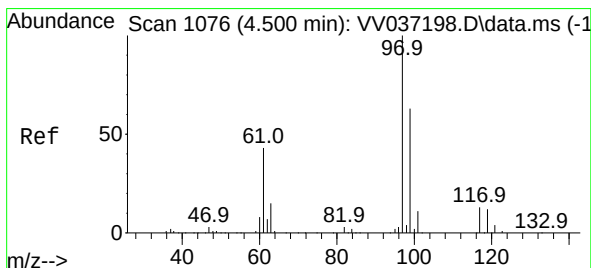
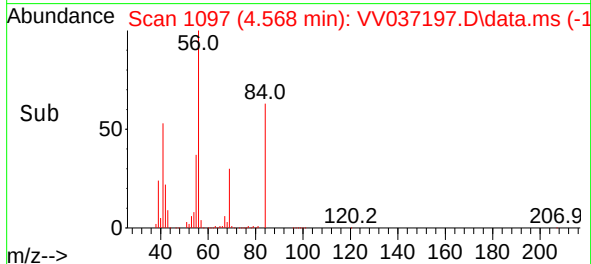
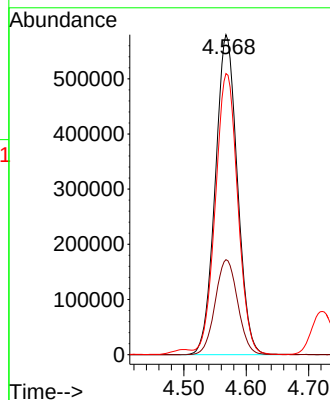
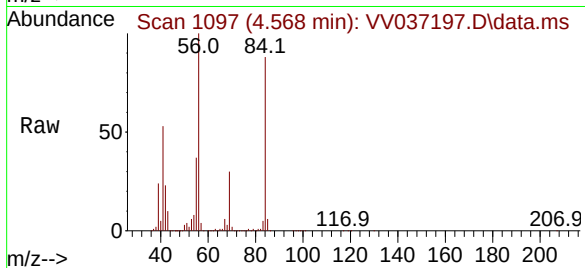
Tgt Ion: 56 Resp: 1424578

Ion Ratio Lower Upper

56 100

69 30.3 24.3 36.5

84 89.2 71.1 106.7



#30

1,1,1-Trichloroethane

Concen: 92.971 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV037197.D

Acq: 04 Sep 2024 13:48

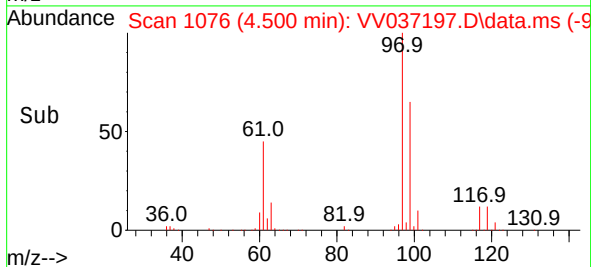
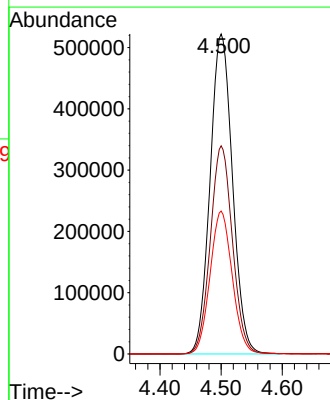
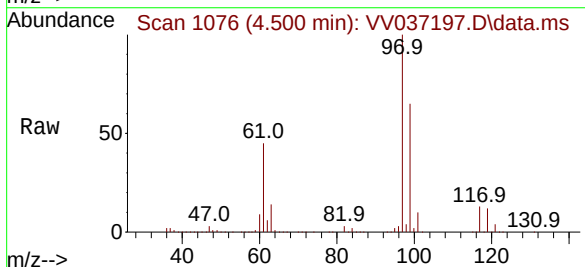
Tgt Ion: 97 Resp: 1329457

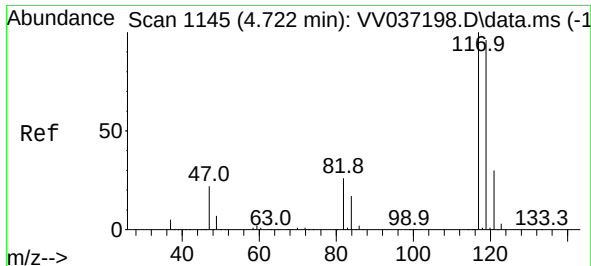
Ion Ratio Lower Upper

97 100

99 64.5 51.5 77.3

61 44.4 35.4 53.2

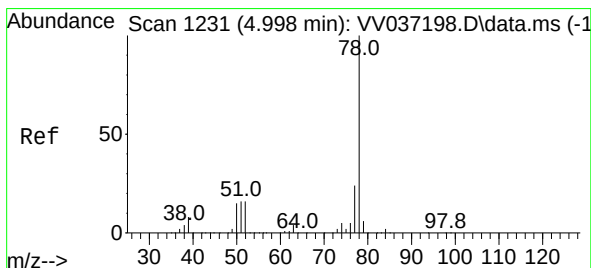
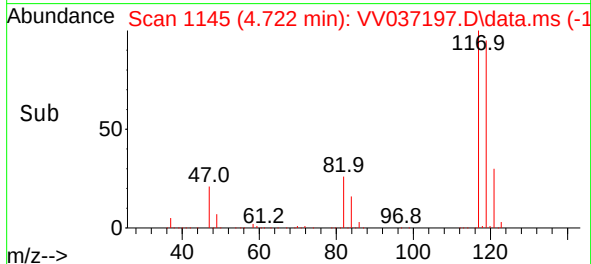
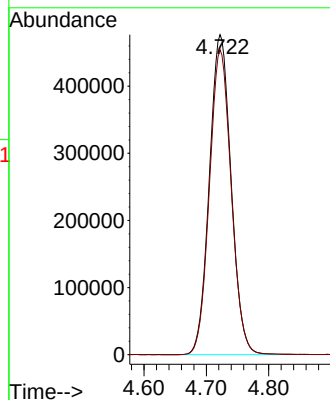
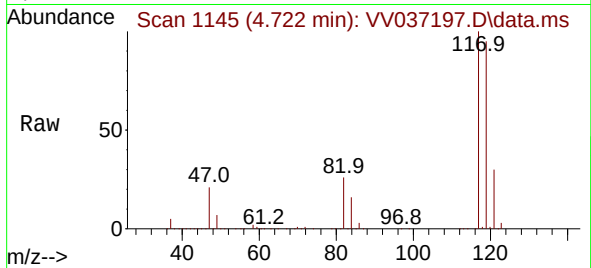




#31
Carbon tetrachloride
Concen: 95.447 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VV037197.D
Acq: 04 Sep 2024 13:48

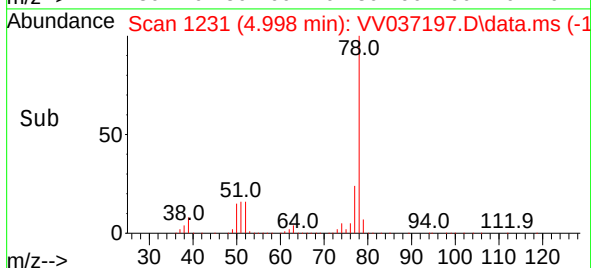
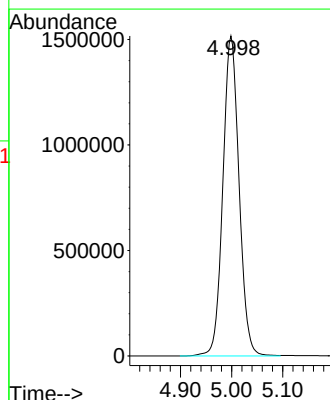
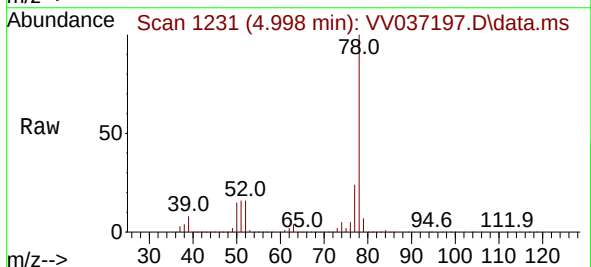
Instrument :
MSVOA_V
ClientSampleId :

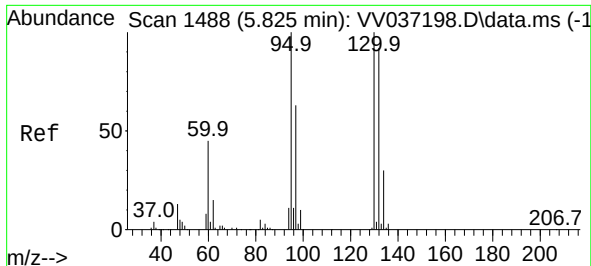
Tgt Ion:117 Resp: 1153877
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.4



#33
Benzene
Concen: 92.315 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VV037197.D
Acq: 04 Sep 2024 13:48

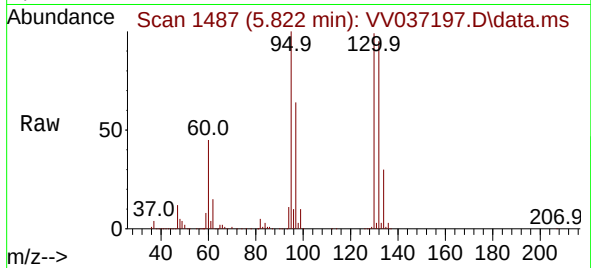
Tgt Ion: 78 Resp: 3334973



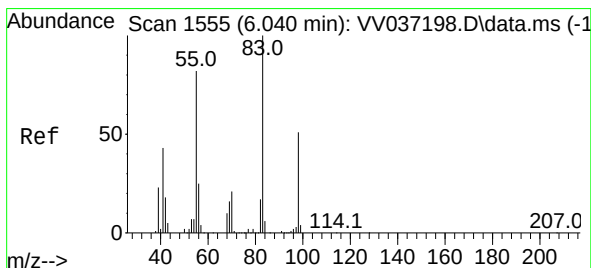
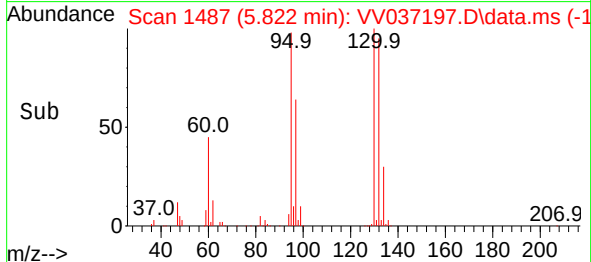
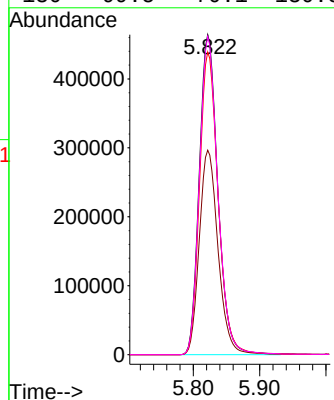


#34
Trichloroethene
Concen: 91.980 ug/L
RT: 5.822 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV037197.D
Acq: 04 Sep 2024 13:48

Instrument :
MSVOA_V
ClientSampleId :

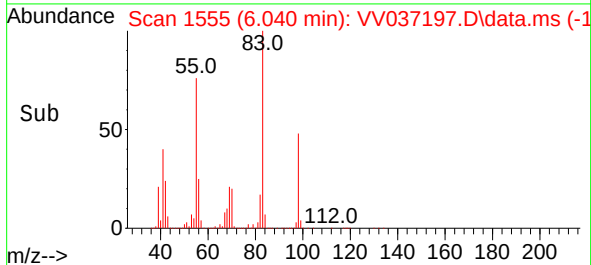
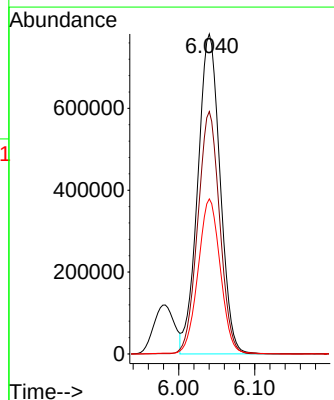
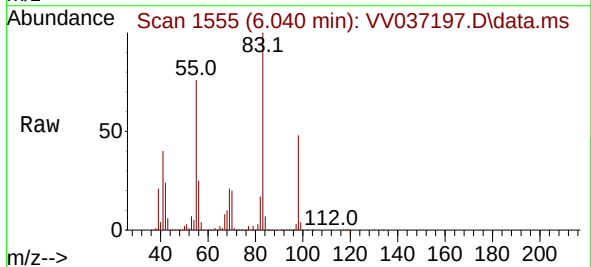


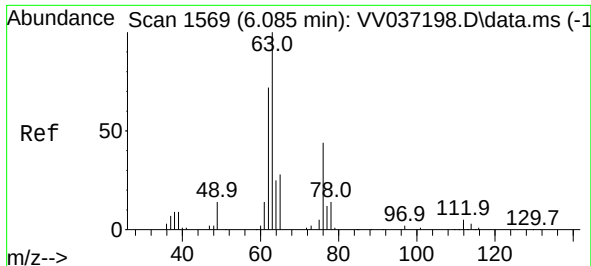
Tgt Ion: 95 Resp: 904392
Ion Ratio Lower Upper
95 100
97 63.9 44.0 81.6
132 94.6 64.3 119.5
130 99.5 70.1 130.3



#35
Methylcyclohexane
Concen: 99.402 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VV037197.D
Acq: 04 Sep 2024 13:48

Tgt Ion: 83 Resp: 1592508
Ion Ratio Lower Upper
83 100
55 74.3 61.6 92.4
98 48.4 38.5 57.7

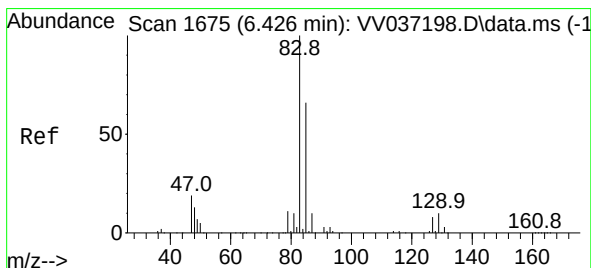
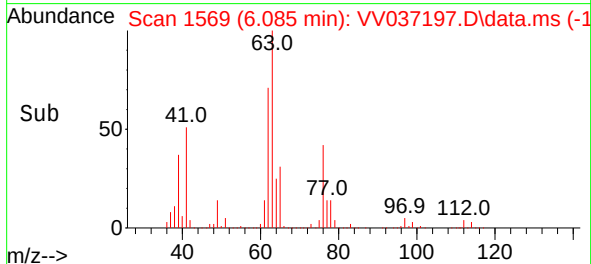
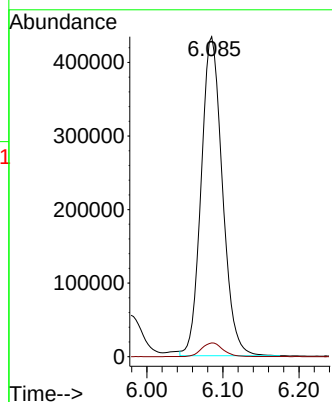
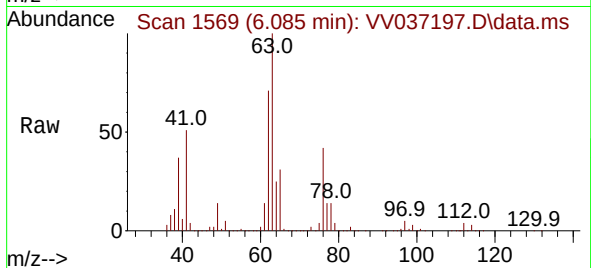




#37
1,2-Dichloropropane
Concen: 89.860 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV037197.D
Acq: 04 Sep 2024 13:48

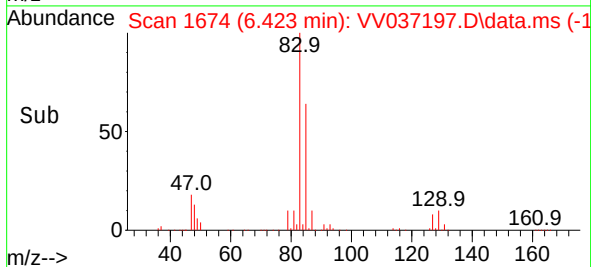
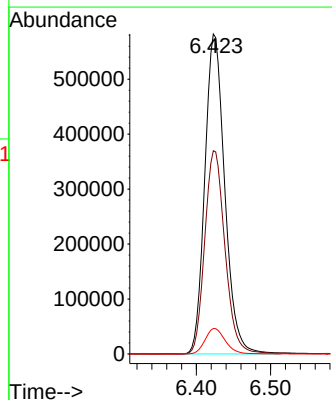
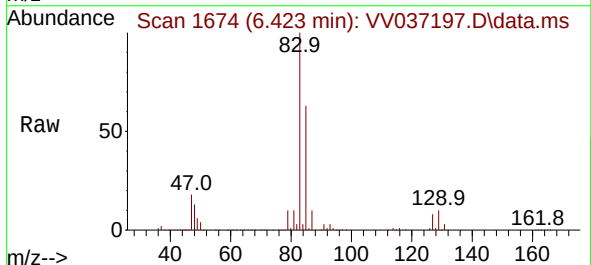
Instrument :
MSVOA_V
ClientSampleId :

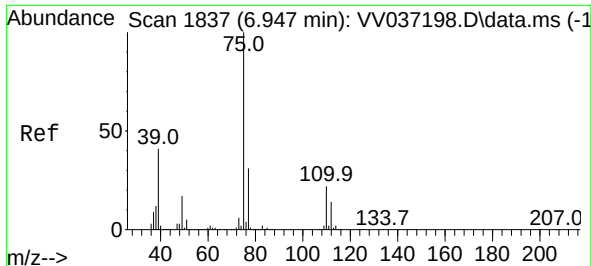
Tgt Ion: 63 Resp: 841743
Ion Ratio Lower Upper
63 100
112 4.4 3.8 5.6



#38
Bromodichloromethane
Concen: 91.801 ug/L
RT: 6.423 min Scan# 1674
Delta R.T. -0.003 min
Lab File: VV037197.D
Acq: 04 Sep 2024 13:48

Tgt Ion: 83 Resp: 1085621
Ion Ratio Lower Upper
83 100
85 63.5 45.9 85.3
127 7.9 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 100.102 ug/L

RT: 6.944 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV037197.D

Acq: 04 Sep 2024 13:48

Instrument :

MSVOA_V

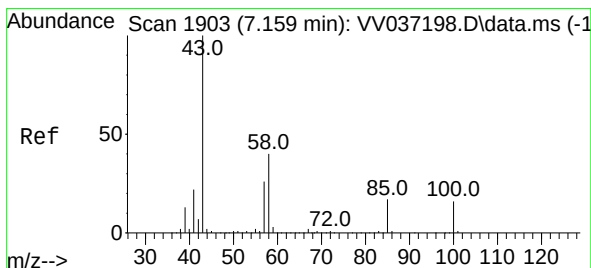
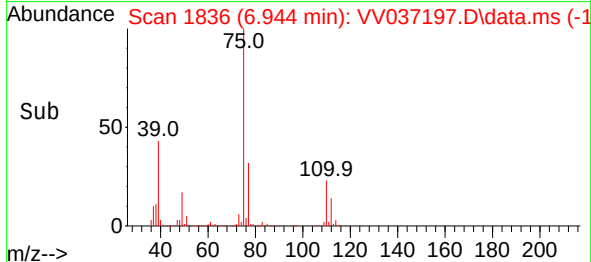
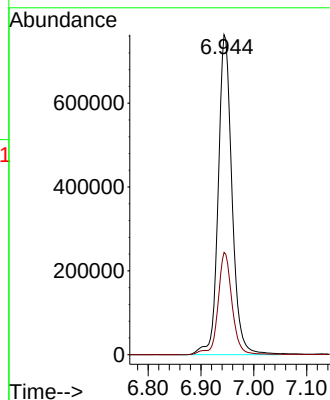
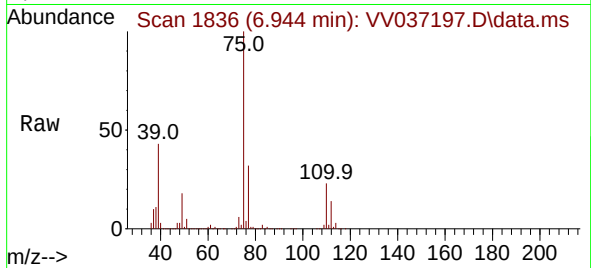
ClientSampleId :

Tgt Ion: 75 Resp: 1388115

Ion Ratio Lower Upper

75 100

77 31.9 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 192.586 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VV037197.D

Acq: 04 Sep 2024 13:48

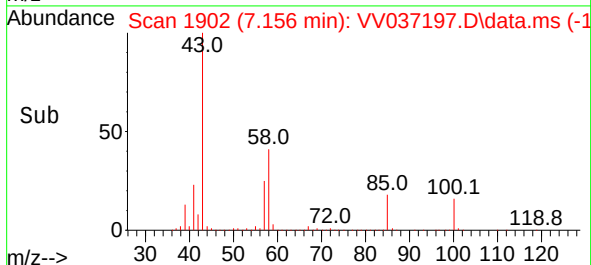
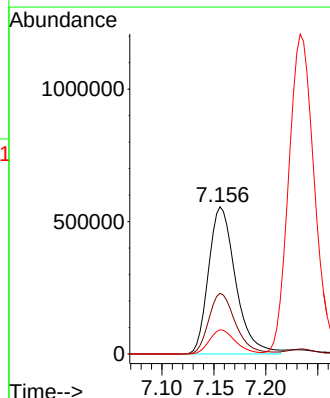
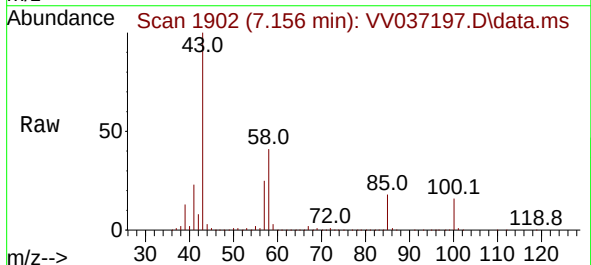
Tgt Ion: 43 Resp: 1006139

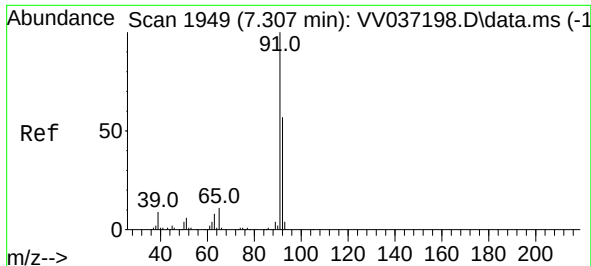
Ion Ratio Lower Upper

43 100

58 40.7 30.3 45.5

100 16.0 11.6 17.4





#42

Toluene

Concen: 94.592 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV037197.D

Acq: 04 Sep 2024 13:48

Instrument :

MSVOA_V

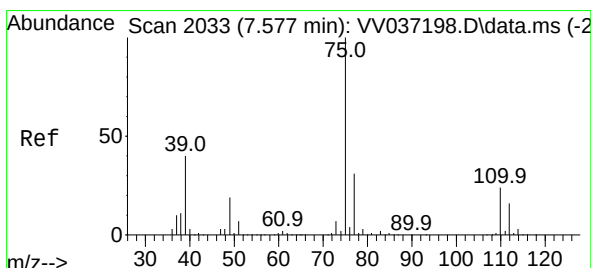
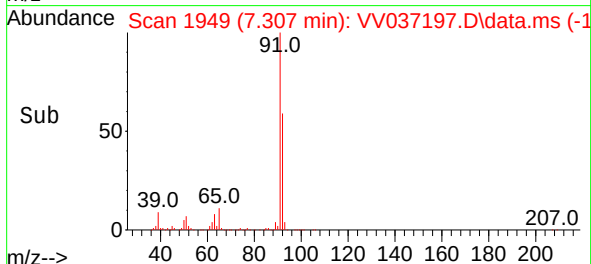
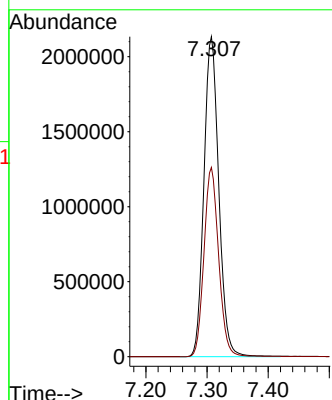
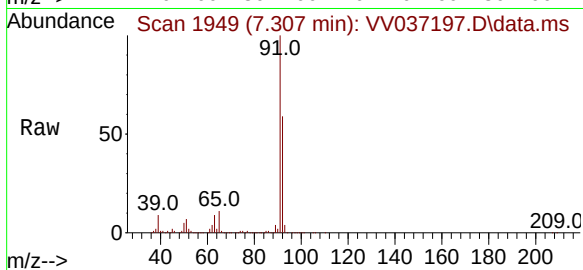
ClientSampleId :

Tgt Ion: 91 Resp: 3596073

Ion Ratio Lower Upper

91 100

92 59.1 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 101.610 ug/L

RT: 7.571 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VV037197.D

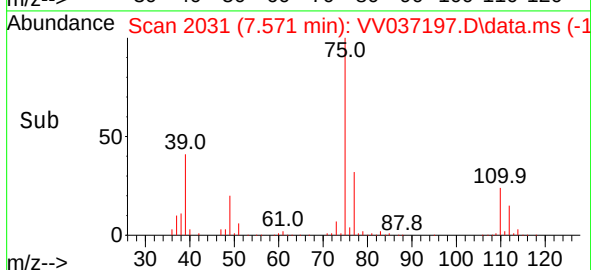
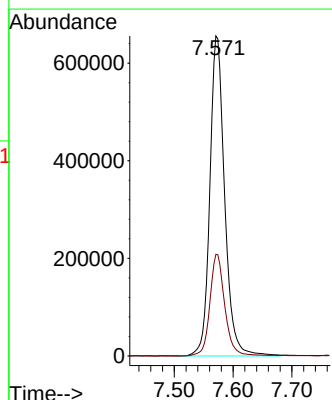
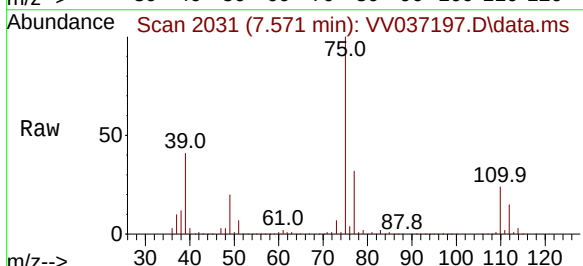
Acq: 04 Sep 2024 13:48

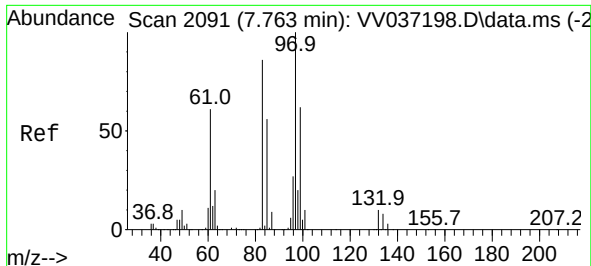
Tgt Ion: 75 Resp: 1144928

Ion Ratio Lower Upper

75 100

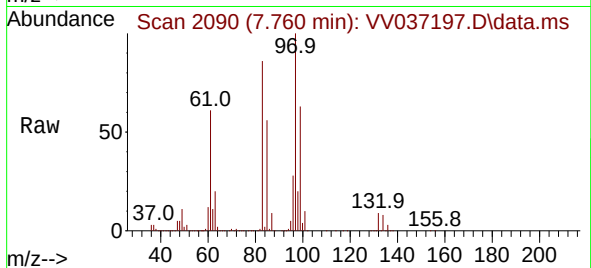
77 31.7 21.8 40.4



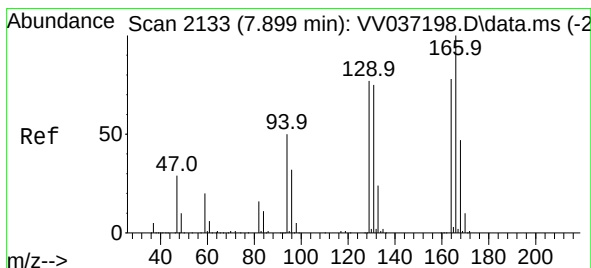
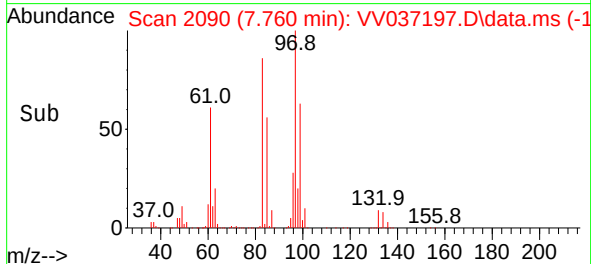
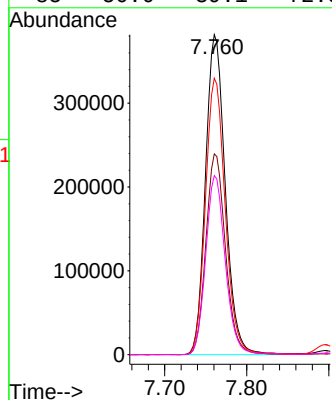


#45
1,1,2-Trichloroethane
Concen: 90.632 ug/L
RT: 7.760 min Scan# 2091
Delta R.T. -0.003 min
Lab File: VV037197.D
Acq: 04 Sep 2024 13:48

Instrument :
MSVOA_V
ClientSampleId :

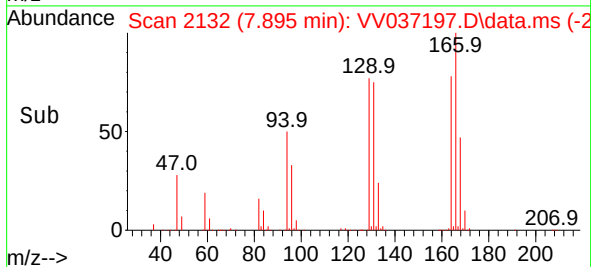
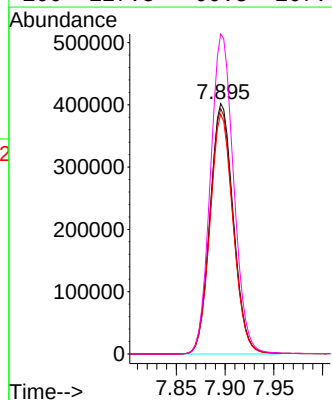
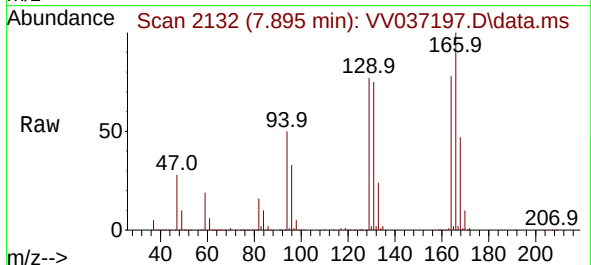


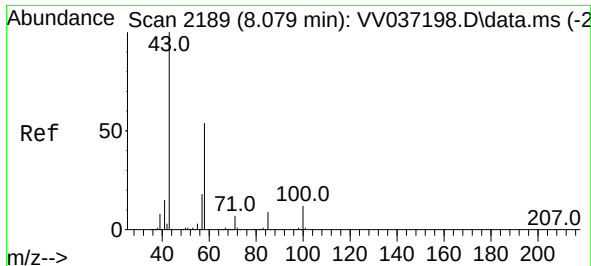
Tgt Ion:	97	Resp:	639809
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.2	80.2
83	86.4	60.0	111.4
85	56.0	39.1	72.5



#46
Tetrachloroethene
Concen: 92.022 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.003 min
Lab File: VV037197.D
Acq: 04 Sep 2024 13:48

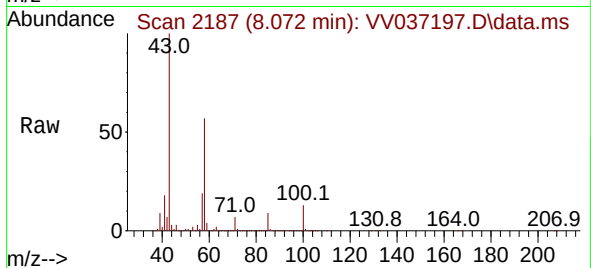
Tgt Ion:	164	Resp:	665088
Ion	Ratio	Lower	Upper
164	100		
129	97.9	70.0	130.0
131	95.7	68.0	126.2
166	127.8	90.3	167.7



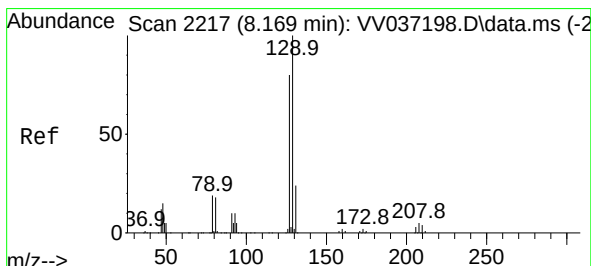
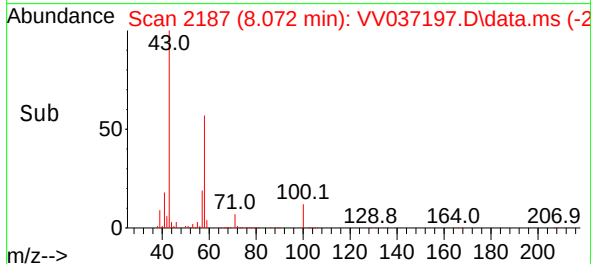
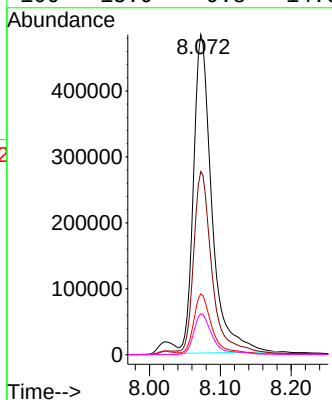


#48
2-Hexanone
Concen: 223.091 ug/L
RT: 8.072 min Scan# 2189
Delta R.T. -0.006 min
Lab File: VV037197.D
Acq: 04 Sep 2024 13:48

Instrument :
MSVOA_V
ClientSampleId :

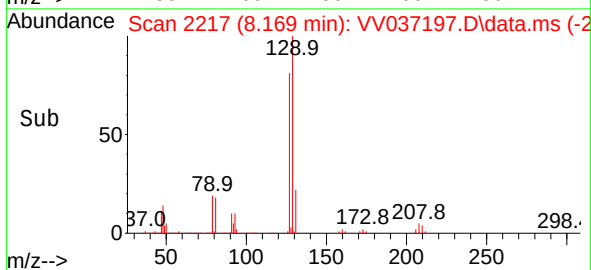
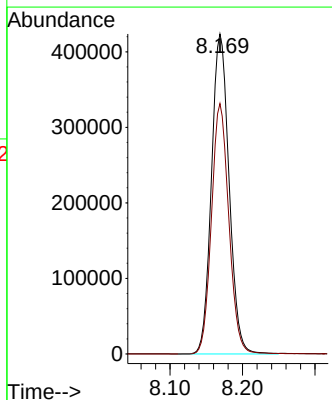
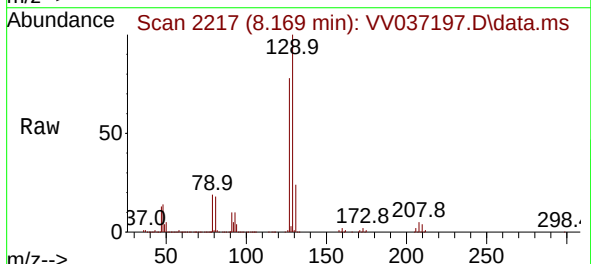


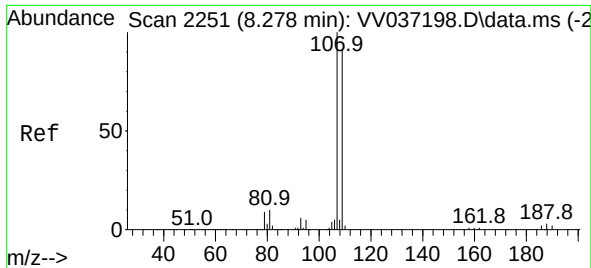
Tgt Ion: 43 Resp: 872367
Ion Ratio Lower Upper
43 100
58 57.2 42.9 64.3
57 18.7 14.6 21.8
100 13.0 9.8 14.6



#49
Dibromochloromethane
Concen: 97.335 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV037197.D
Acq: 04 Sep 2024 13:48

Tgt Ion: 129 Resp: 714987
Ion Ratio Lower Upper
129 100
127 78.2 56.0 104.0

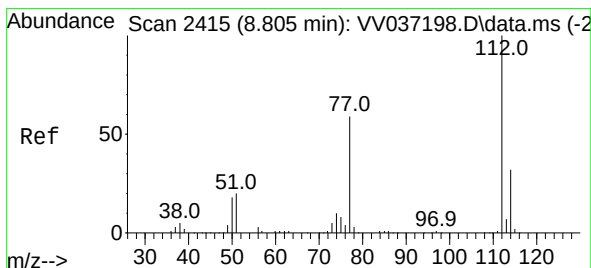
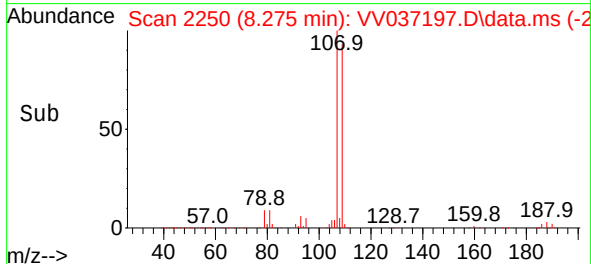
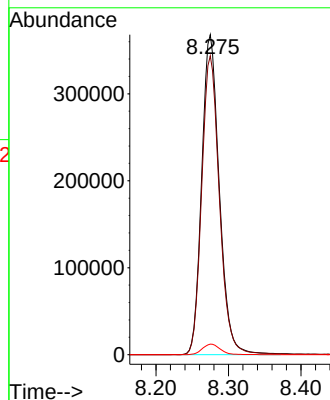
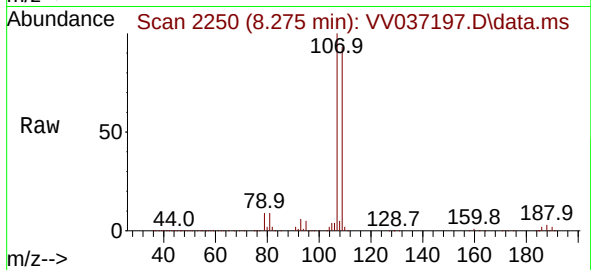




#50
1,2-Dibromoethane
Concen: 92.318 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV037197.D
Acq: 04 Sep 2024 13:48

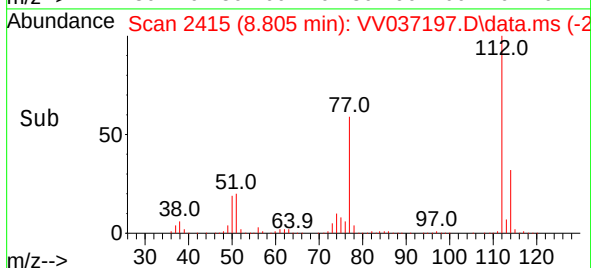
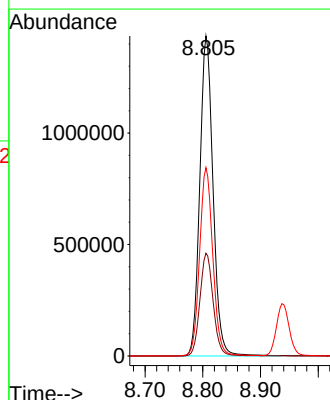
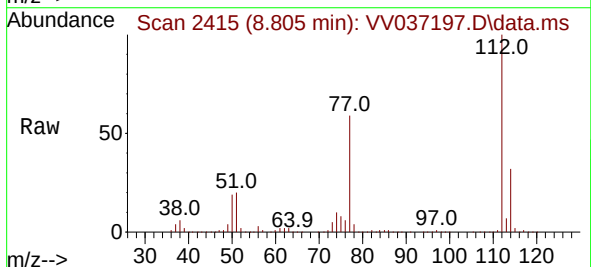
Instrument :
MSVOA_V
ClientSampleId :

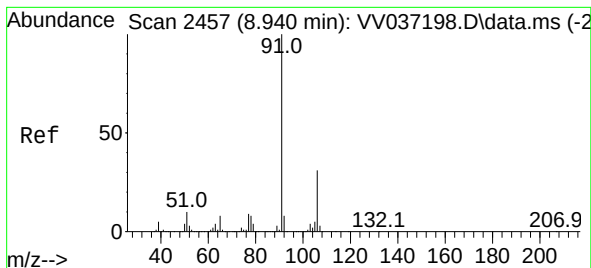
Tgt Ion:107 Resp: 622676
Ion Ratio Lower Upper
107 100
109 93.4 63.5 117.9
188 3.3 2.5 3.7



#51
Chlorobenzene
Concen: 92.033 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV037197.D
Acq: 04 Sep 2024 13:48

Tgt Ion:112 Resp: 2289629
Ion Ratio Lower Upper
112 100
114 32.1 22.4 41.6
77 58.8 47.5 71.3





#52

Ethylbenzene

Concen: 97.210 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV037197.D

Acq: 04 Sep 2024 13:48

Instrument :

MSVOA_V

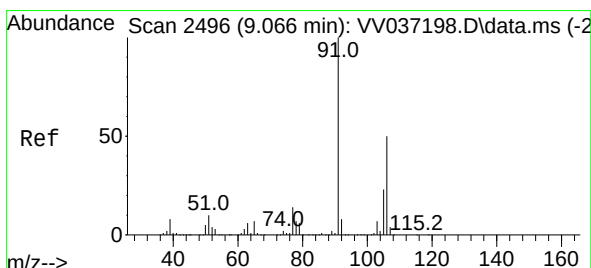
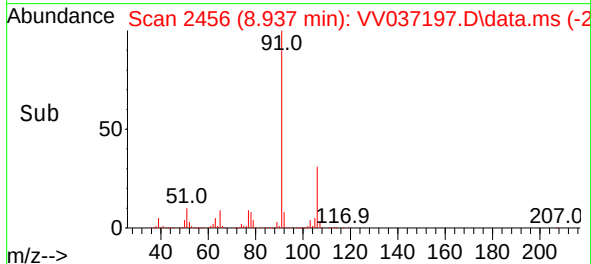
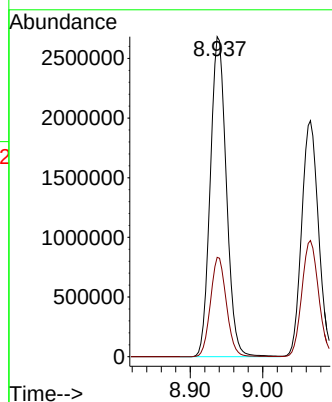
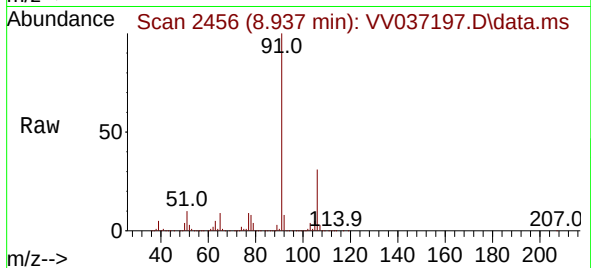
ClientSampleId :

Tgt Ion: 91 Resp: 4138422

Ion Ratio Lower Upper

91 100

106 31.1 21.5 39.9



#53

m,p-Xylene

Concen: 98.840 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV037197.D

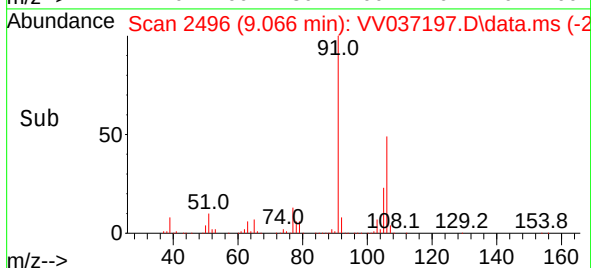
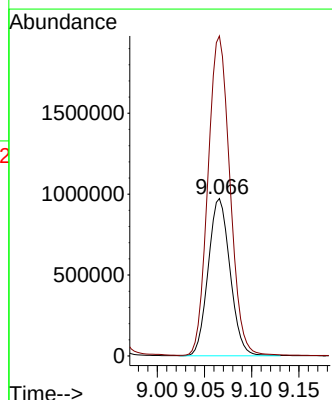
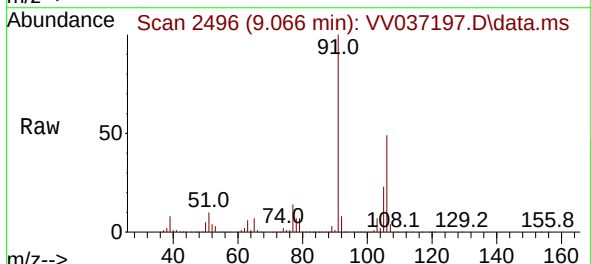
Acq: 04 Sep 2024 13:48

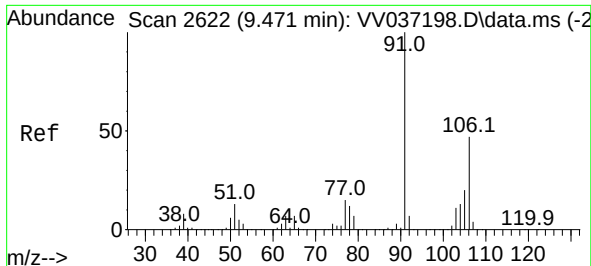
Tgt Ion:106 Resp: 1561157

Ion Ratio Lower Upper

106 100

91 203.2 141.6 263.0

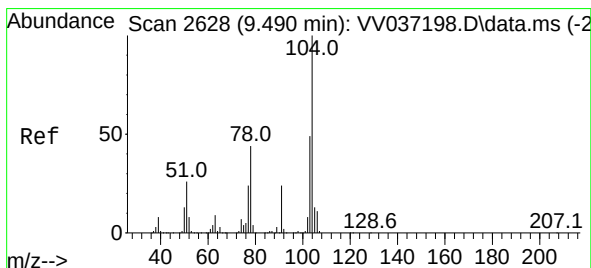
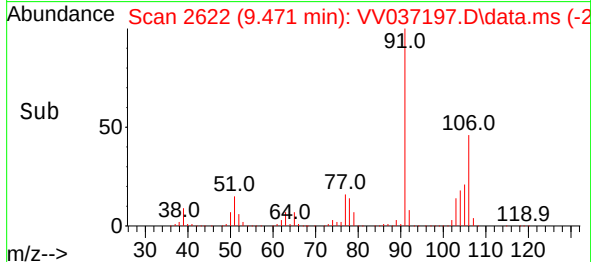
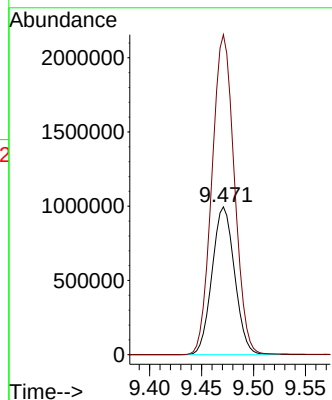
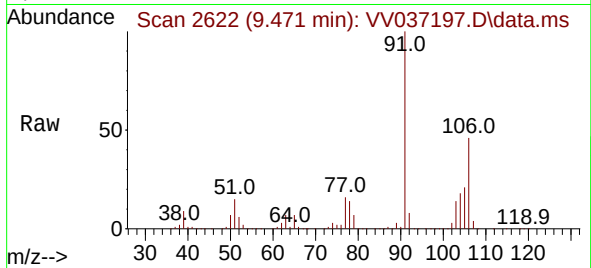




#54
o-Xylene
Concen: 98.614 ug/L
RT: 9.471 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV037197.D
Acq: 04 Sep 2024 13:48

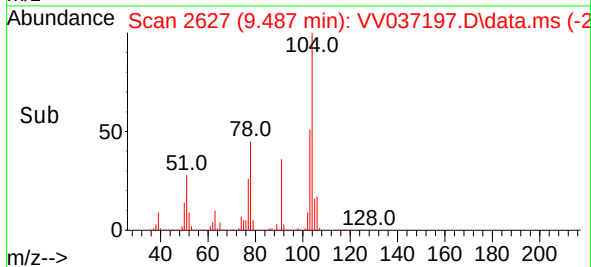
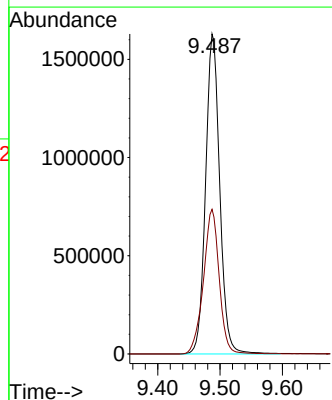
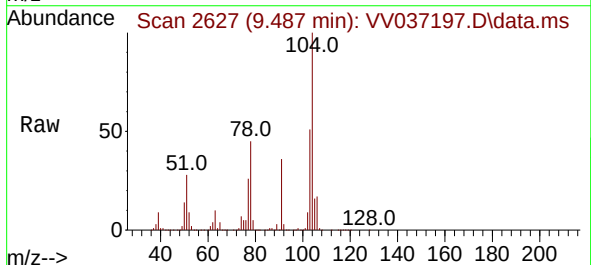
Instrument :
MSVOA_V
ClientSampleId :

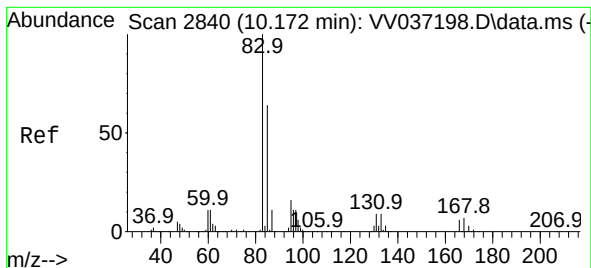
Tgt Ion:106 Resp: 1500486
Ion Ratio Lower Upper
106 100
91 216.4 150.4 279.4



#55
Styrene
Concen: 100.632 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.003 min
Lab File: VV037197.D
Acq: 04 Sep 2024 13:48

Tgt Ion:104 Resp: 2572664
Ion Ratio Lower Upper
104 100
78 45.2 30.6 56.8





#57

1,1,2,2-Tetrachloroethane

Concen: 93.046 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV037197.D

Acq: 04 Sep 2024 13:48

Instrument :

MSVOA_V

ClientSampleId :

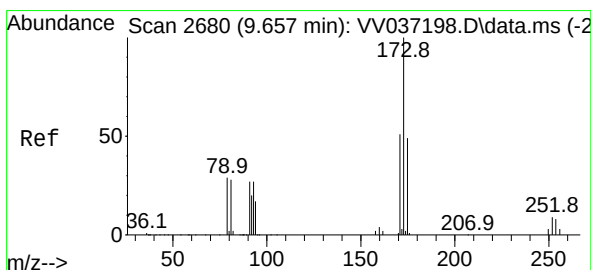
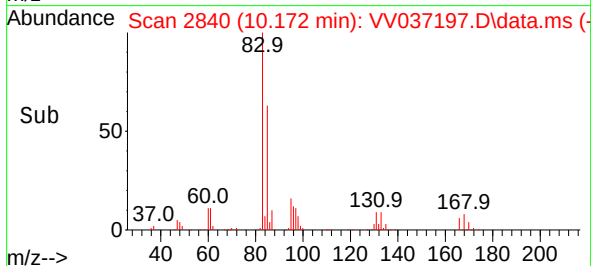
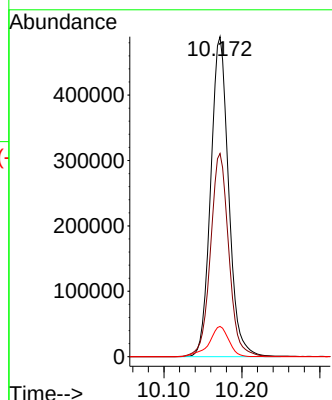
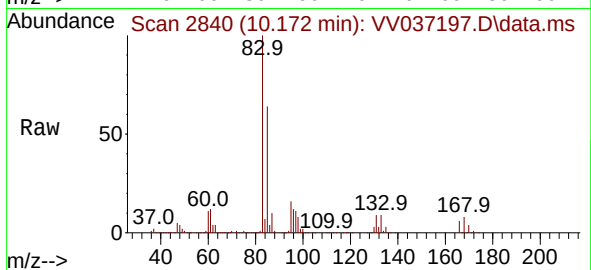
Tgt Ion: 83 Resp: 782762

Ion Ratio Lower Upper

83 100

85 63.5 44.9 83.3

131 9.5 7.1 10.7



#59

Bromoform

Concen: 96.540 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. 0.000 min

Lab File: VV037197.D

Acq: 04 Sep 2024 13:48

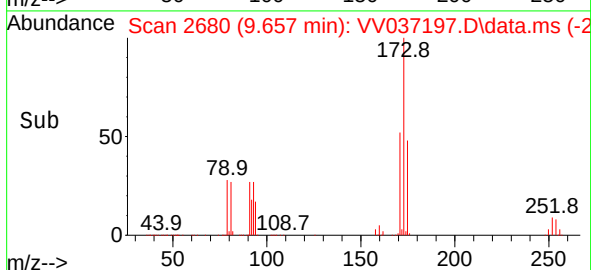
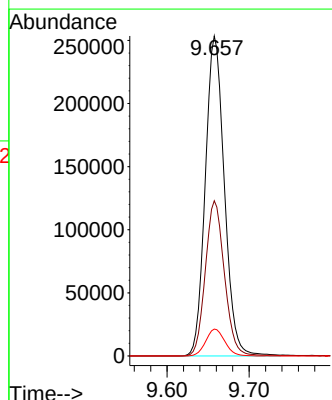
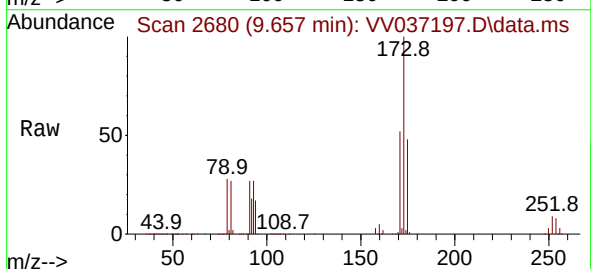
Tgt Ion: 173 Resp: 409509

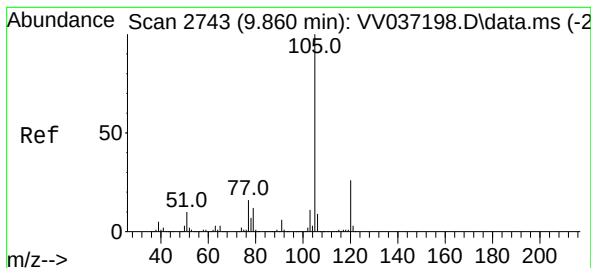
Ion Ratio Lower Upper

173 100

175 48.4 38.6 57.8

254 8.4 6.6 9.8





#60

Isopropylbenzene

Concen: 96.236 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037197.D

Acq: 04 Sep 2024 13:48

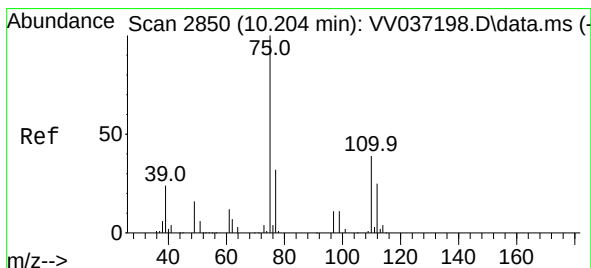
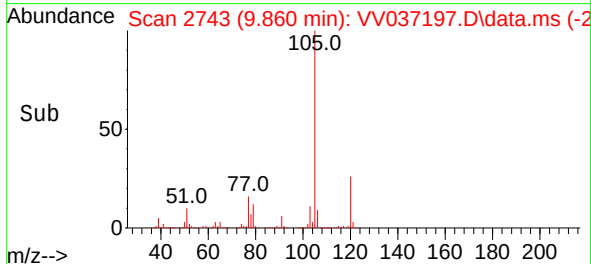
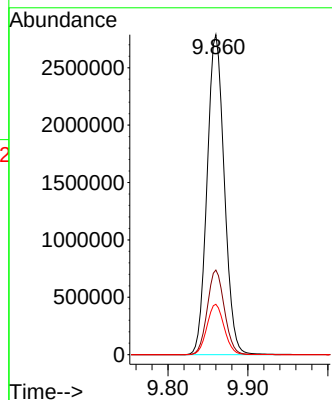
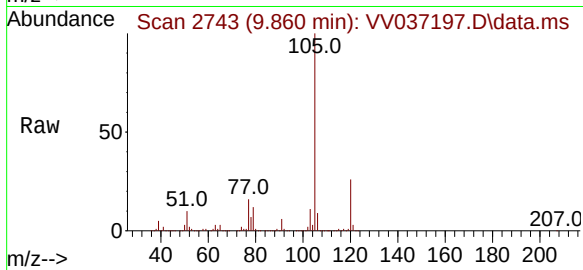
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:105 Resp: 4175226

Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.6	31.0
77	15.8	12.4	18.6



#61

1,2,3-Trichloropropane

Concen: 88.407 ug/L

RT: 10.201 min Scan# 2849

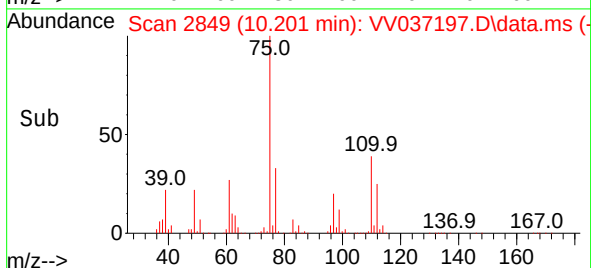
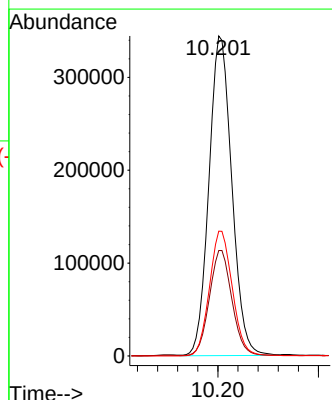
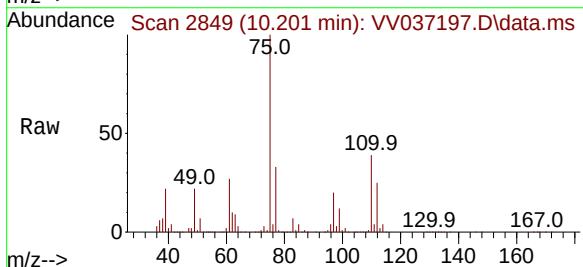
Delta R.T. -0.003 min

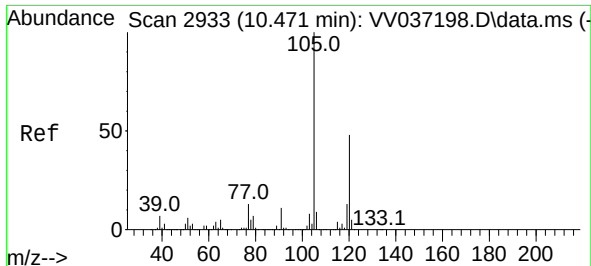
Lab File: VV037197.D

Acq: 04 Sep 2024 13:48

Tgt Ion: 75 Resp: 544256

Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.6	36.8
110	39.0	30.8	46.2





#62

1,3,5-Trimethylbenzene

Concen: 99.665 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV037197.D

Acq: 04 Sep 2024 13:48

Instrument :

MSVOA_V

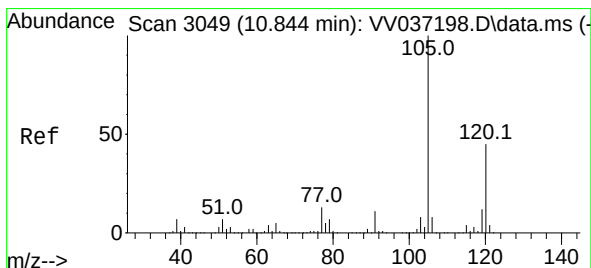
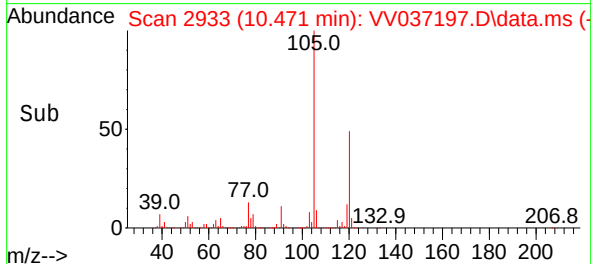
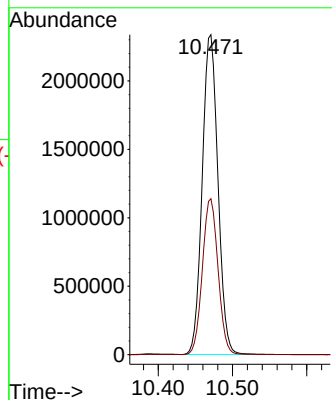
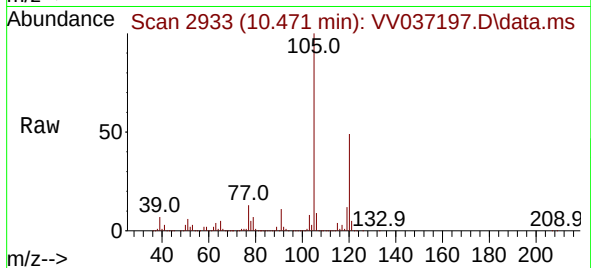
ClientSampleId :

Tgt Ion:105 Resp: 3433993

Ion Ratio Lower Upper

105 100

120 48.6 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 99.035 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037197.D

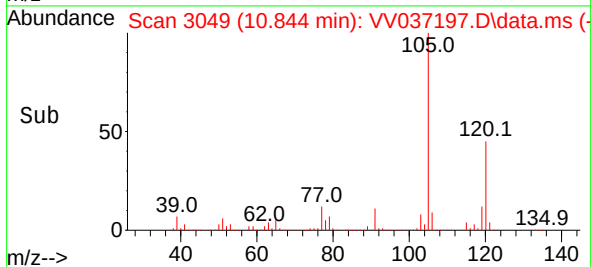
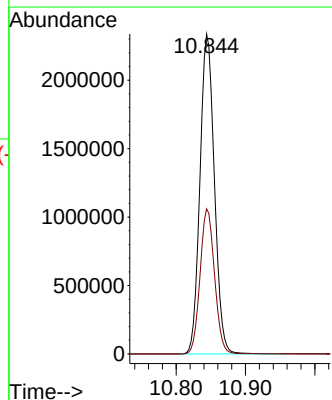
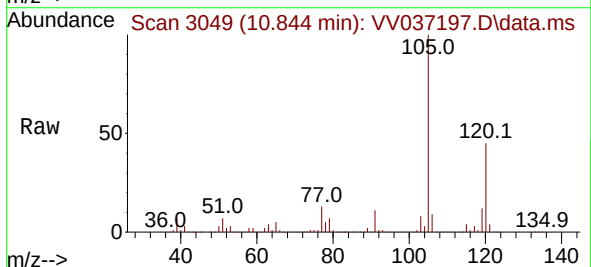
Acq: 04 Sep 2024 13:48

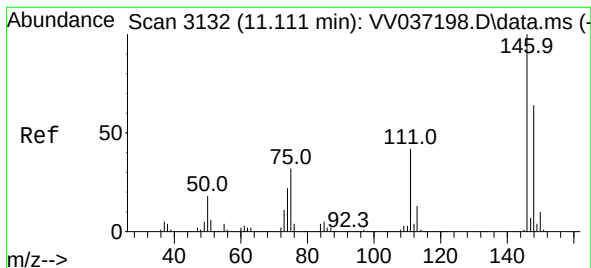
Tgt Ion:105 Resp: 3384271

Ion Ratio Lower Upper

105 100

120 45.5 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 91.247 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037197.D

Acq: 04 Sep 2024 13:48

Instrument :

MSVOA_V

ClientSampleId :

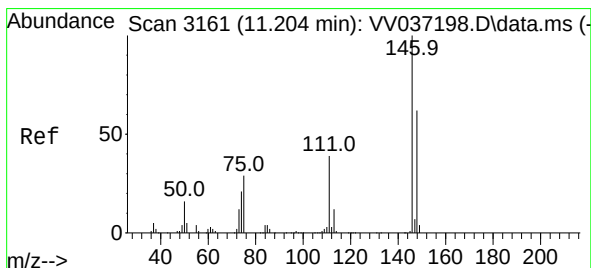
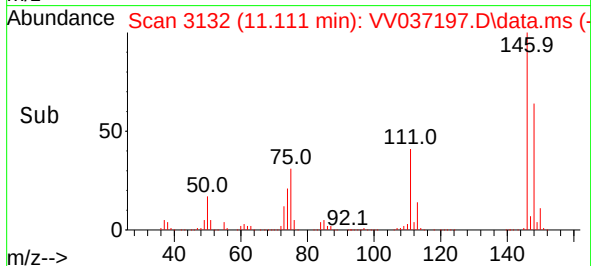
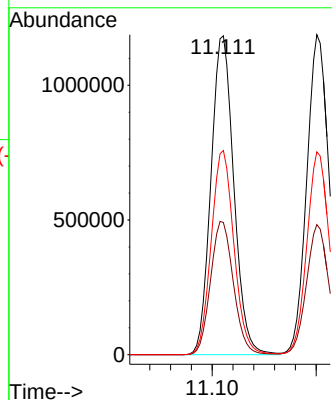
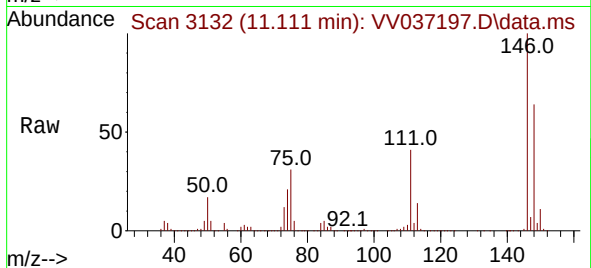
Tgt Ion:146 Resp: 1804981

Ion Ratio Lower Upper

146 100

111 41.5 29.7 55.1

148 64.0 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 89.890 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.003 min

Lab File: VV037197.D

Acq: 04 Sep 2024 13:48

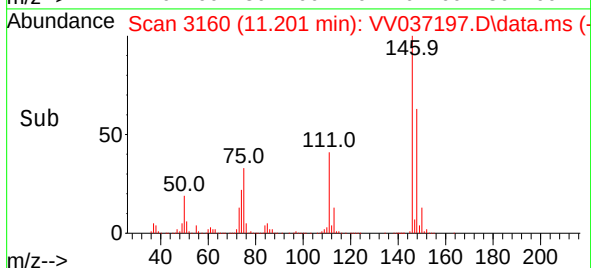
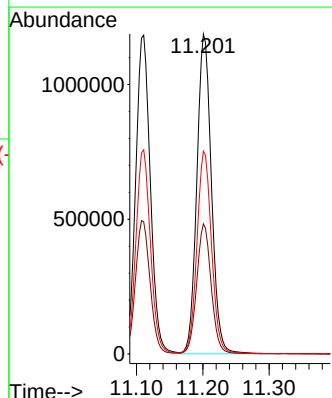
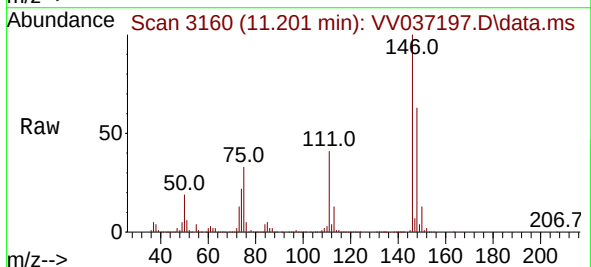
Tgt Ion:146 Resp: 1812887

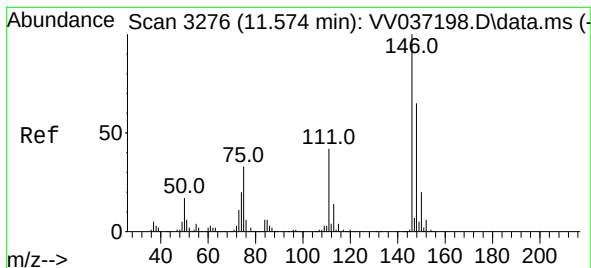
Ion Ratio Lower Upper

146 100

111 40.7 27.6 51.4

148 63.4 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 89.462 ug/L

RT: 11.570 min Scan# 3276

Delta R.T. -0.003 min

Lab File: VV037197.D

Acq: 04 Sep 2024 13:48

Instrument :

MSVOA_V

ClientSampleId :

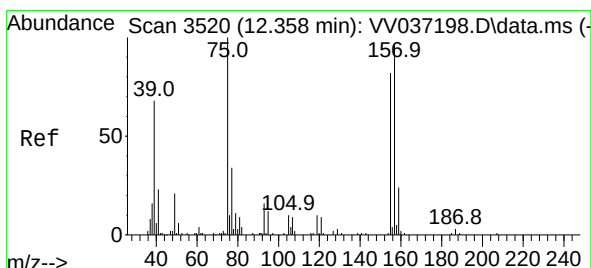
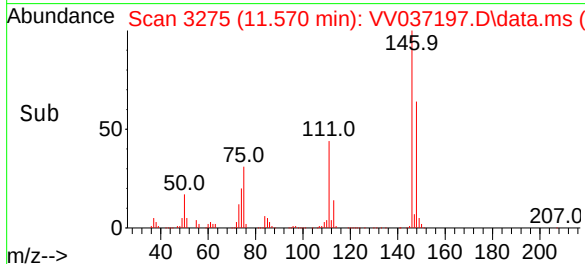
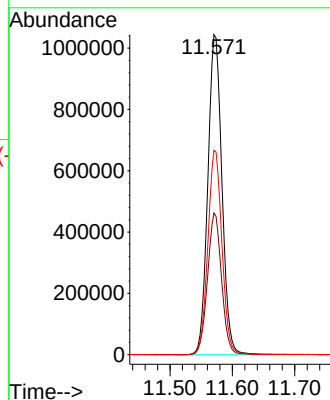
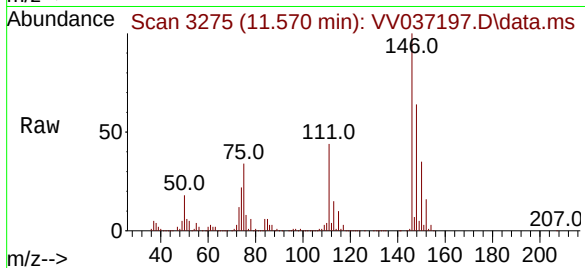
Tgt Ion:146 Resp: 1641436

Ion Ratio Lower Upper

146 100

111 44.3 34.1 51.1

148 63.9 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 95.313 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV037197.D

Acq: 04 Sep 2024 13:48

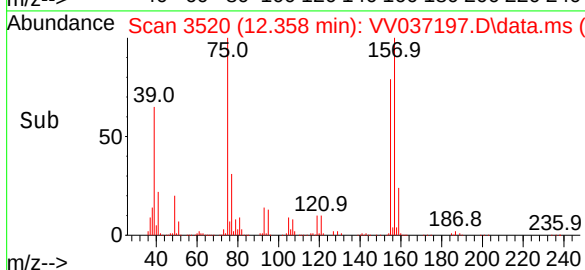
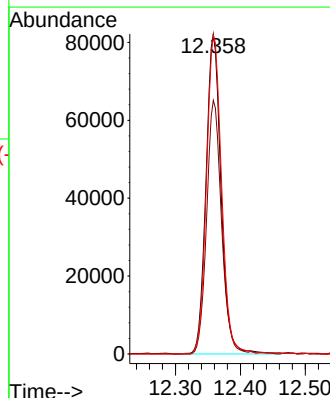
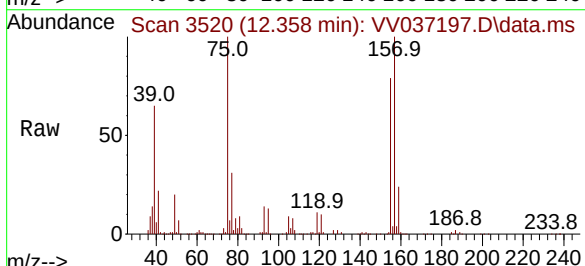
Tgt Ion: 75 Resp: 132424

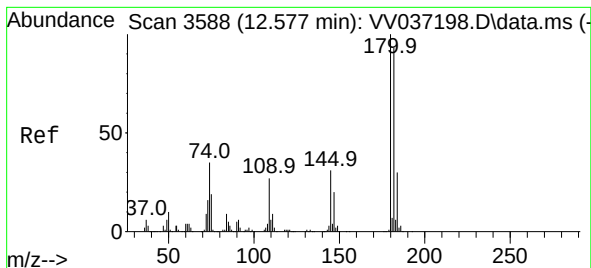
Ion Ratio Lower Upper

75 100

155 79.3 65.6 98.4

157 99.7 76.9 115.3





#69

1,3,5-Trichlorobenzene

Concen: 94.475 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

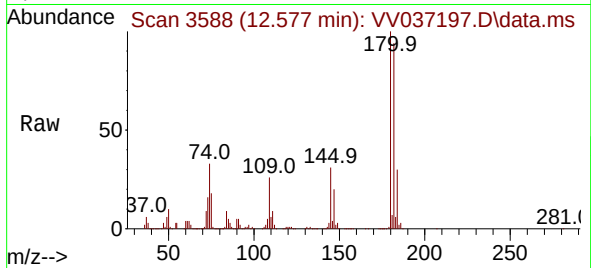
Lab File: VV037197.D

Acq: 04 Sep 2024 13:48

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1325978

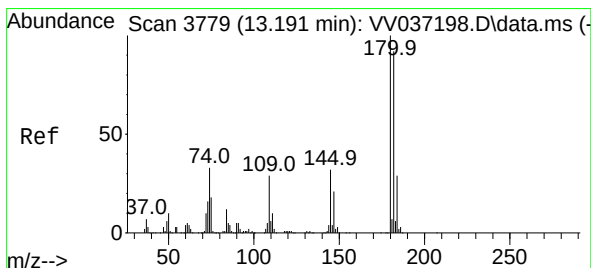
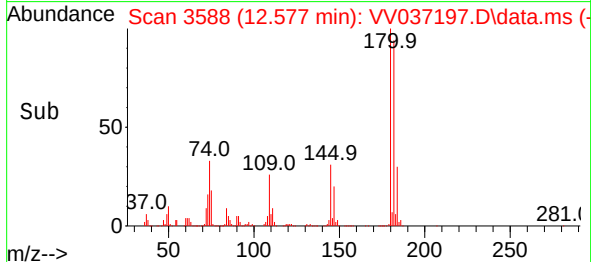
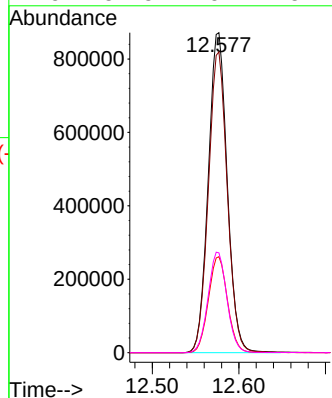
Ion Ratio Lower Upper

180 100

182 93.9 74.6 111.8

184 30.2 23.8 35.8

145 31.3 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 93.765 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037197.D

Acq: 04 Sep 2024 13:48

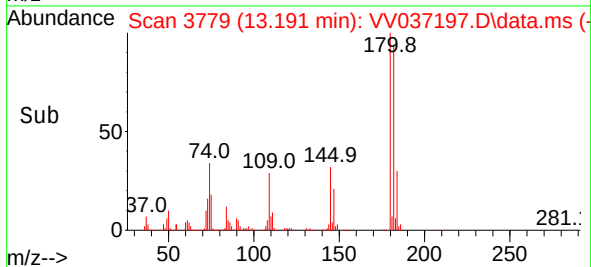
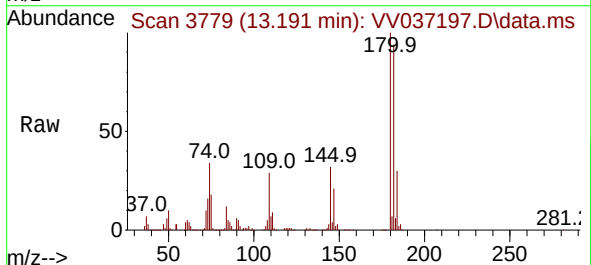
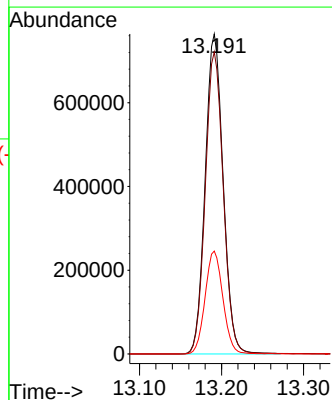
Tgt Ion:180 Resp: 1161780

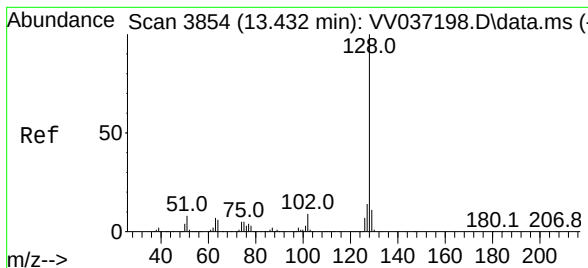
Ion Ratio Lower Upper

180 100

182 94.4 74.9 112.3

145 31.9 25.4 38.0





#71

Naphthalene

Concen: 93.911 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037197.D

Acq: 04 Sep 2024 13:48

Instrument :

MSVOA_V

ClientSampleId :

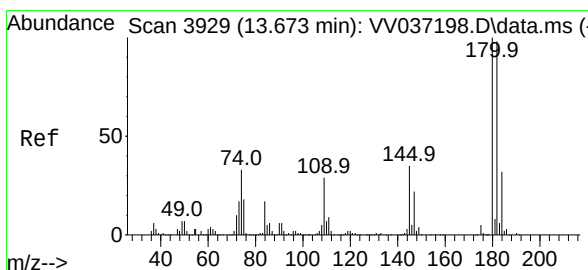
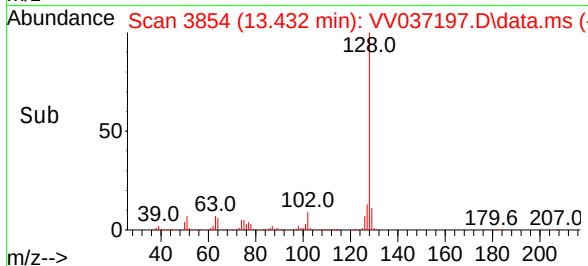
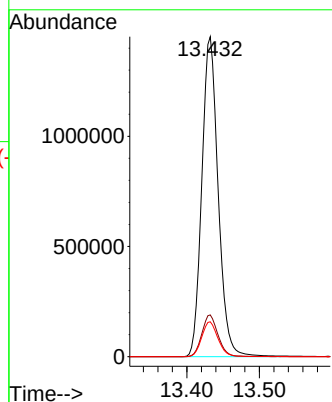
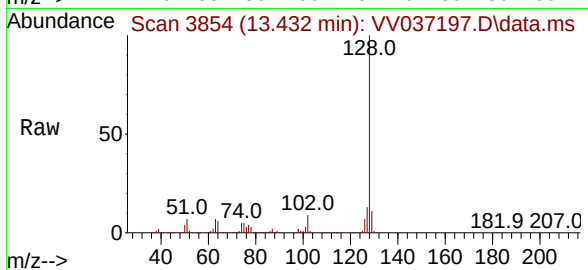
Tgt Ion:128 Resp: 2269993

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.9 8.2 12.2



#72

1,2,3-Trichlorobenzene

Concen: 90.932 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037197.D

Acq: 04 Sep 2024 13:48

Tgt Ion:180 Resp: 1034660

Ion Ratio Lower Upper

180 100

182 94.7 78.0 117.0

145 33.7 27.9 41.9

