

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110624\
 Data File : VV037923.D
 Acq On : 06 Nov 2024 11:41
 Operator : SY/MD
 Sample : VSTD010
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 06 21:28:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 06 21:26:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	323252	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	332771	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	185183	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	239229	9.669	ug/L	0.00
7) Chloroethane-d5	1.532	69	192038	9.523	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	104309	9.715	ug/L	0.00
20) 2-Butanone-d5	3.793	46	487370	114.190	ug/L	0.00
24) Chloroform-d	4.240	84	452194	10.026	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	207993	10.069	ug/L	0.00
32) Benzene-d6	4.953	84	880080	10.255	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	255769	9.371	ug/L	0.00
41) Toluene-d8	7.236	98	828255	10.739	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	103145	11.006	ug/L	0.00
46) 2-Hexanone-d5	8.018	63	452313	124.123	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	205428	10.167	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	300519	9.839	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	328805	10.190	ug/L	99
3) Chloromethane	1.214	50	301399	9.927	ug/L	98
5) Vinyl chloride	1.282	62	311975	10.325	ug/L	98
6) Bromomethane	1.487	94	173604	10.157	ug/L	99
8) Chloroethane	1.548	64	184808	10.281	ug/L	97
9) Trichlorofluoromethane	1.709	101	427178	10.176	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	242811	10.106	ug/L	99
12) 1,1-Dichloroethene	2.066	96	224268	10.157	ug/L	96
13) Acetone	2.130	43	338585	103.432	ug/L	97
14) Carbon disulfide	2.236	76	777804	10.383	ug/L	100
15) Methyl Acetate	2.378	43	84109	10.855	ug/L	99
16) Methylene chloride	2.442	84	255151	9.898	ug/L	98
17) Methyl tert-butyl Ether	2.700	73	547204	11.082	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	252654	10.593	ug/L	97
19) 1,1-Dichloroethane	3.105	63	445427	10.281	ug/L	99
21) 2-Butanone	3.870	43	526980	117.577	ug/L	95
22) cis-1,2-Dichloroethene	3.806	96	268915	10.701	ug/L	99
23) Bromochloromethane	4.140	128	121155	10.677	ug/L	99
25) Chloroform	4.269	83	467032	10.260	ug/L	98
27) 1,2-Dichloroethane	5.034	62	268153	10.633	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	412575	10.371	ug/L	100
30) Cyclohexane	4.574	56	393989	11.178	ug/L	99
31) Carbon tetrachloride	4.725	117	367314	10.522	ug/L	100
33) Benzene	5.002	78	997622	10.910	ug/L	100
34) Trichloroethene	5.825	95	268126	10.589	ug/L	97
35) Methylcyclohexane	6.043	83	425043	11.262	ug/L	97
37) 1,2-Dichloropropane	6.085	63	253394	11.087	ug/L	98
38) Bromodichloromethane	6.426	83	322134	10.624	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	375531	11.576	ug/L	98
40) 4-Methyl-2-pentanone	7.149	43	1332703	118.265	ug/L	98
42) Toluene	7.307	91	1084002	11.202	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	309728	11.456	ug/L	98

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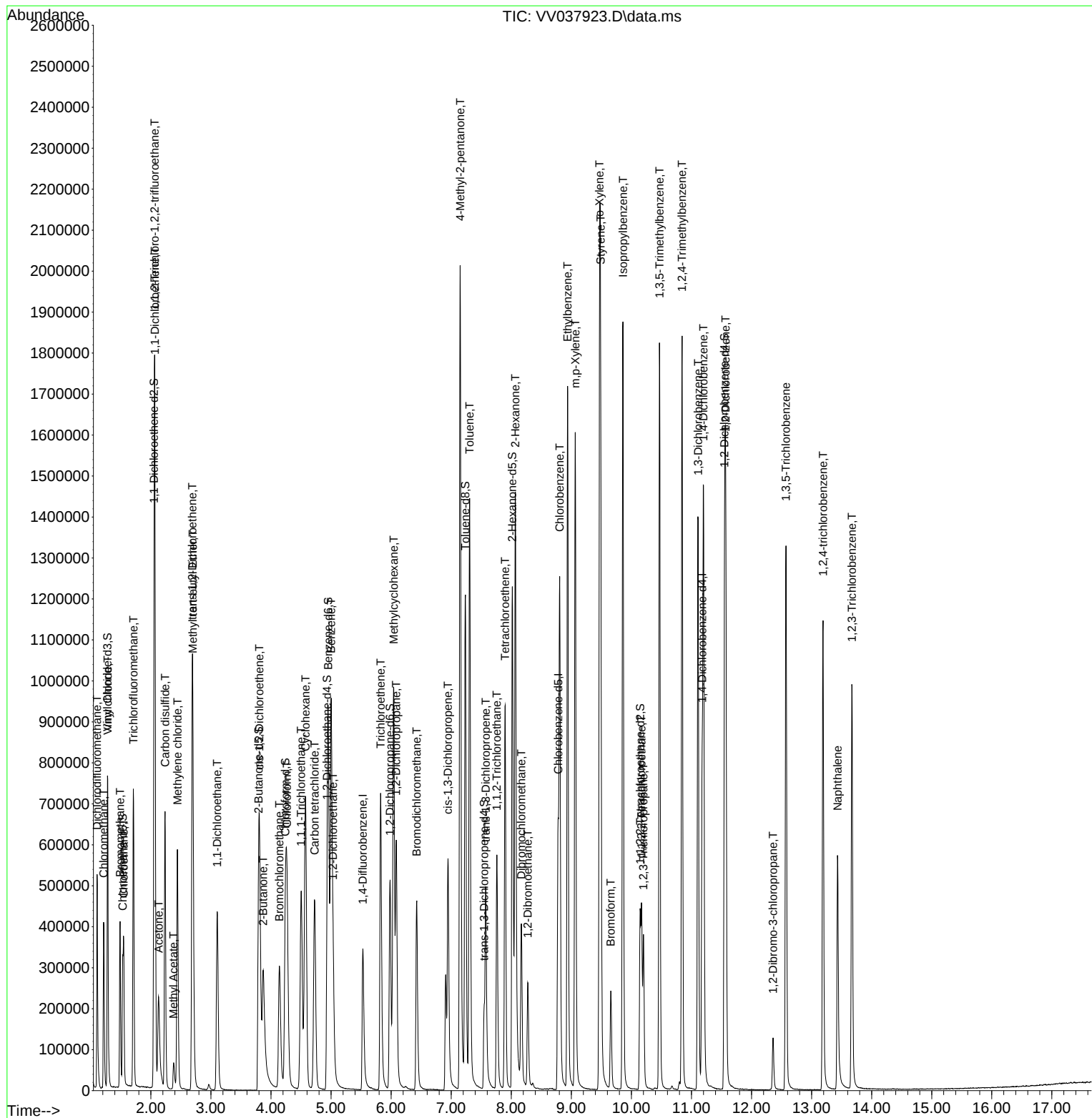
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.760	97	189231	10.807	ug/L	97
47) Tetrachloroethene	7.899	164	211372	10.739	ug/L	99
48) 2-Hexanone	8.069	43	936784	119.323	ug/L	99
49) Dibromochloromethane	8.169	129	212454	10.743	ug/L	98
50) 1,2-Dibromoethane	8.275	107	176706	10.945	ug/L	100
51) Chlorobenzene	8.805	112	704980	10.653	ug/L	99
52) Ethylbenzene	8.937	91	1189558	11.414	ug/L	100
53) m,p-Xylene	9.066	106	457471	11.507	ug/L	96
54) o-Xylene	9.471	106	442930	11.706	ug/L	99
55) Styrene	9.487	104	783529	12.260	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	215570	10.734	ug/L	100
59) Bromoform	9.657	173	110898	10.277	ug/L	100
60) Isopropylbenzene	9.860	105	1201062	11.130	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	150281	10.378	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	973295	11.471	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	986111	11.780	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	578463	10.588	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	584373	10.357	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	533146	10.552	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	33481	10.650	ug/L	94
69) 1,3,5-Trichlorobenzene	12.574	180	415920	10.786	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	346487	11.443	ug/L	98
71) Naphthalene	13.432	128	514680	12.561	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	304695	11.672	ug/L	97

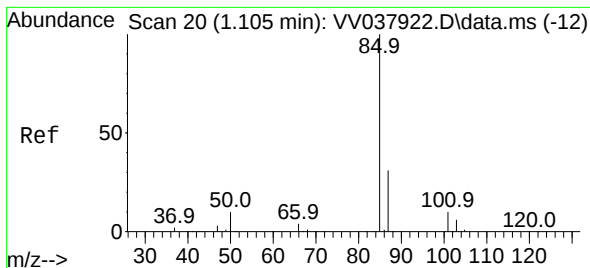
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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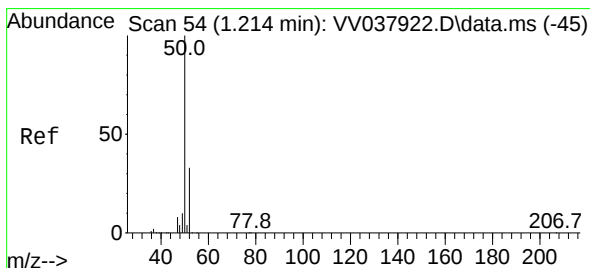
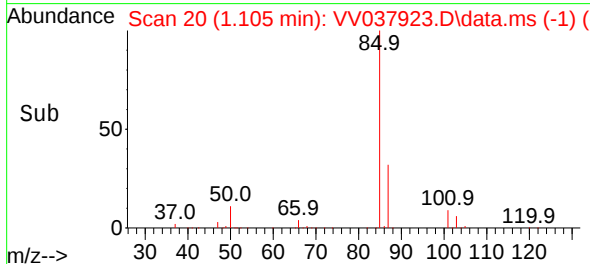
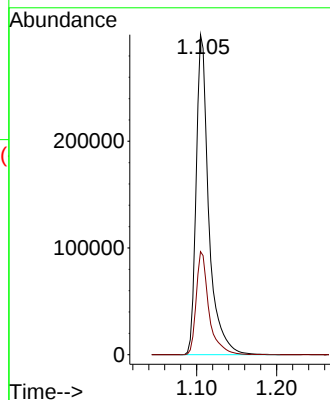
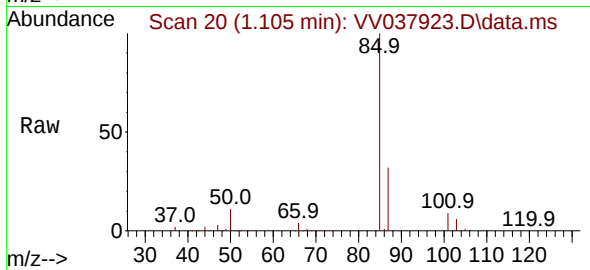




#2
 Dichlorodifluoromethane
 Concen: 10.190 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV037923.D
 Acq: 06 Nov 2024 11:41

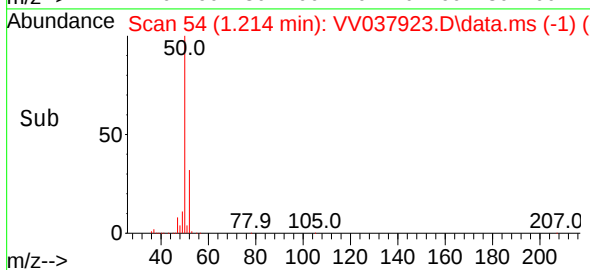
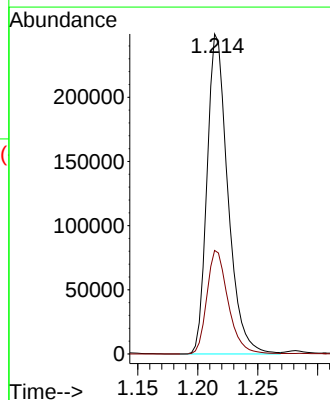
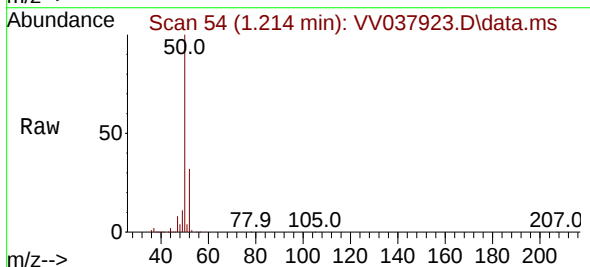
Instrument :
 MSVOA_V
 ClientSampleId :

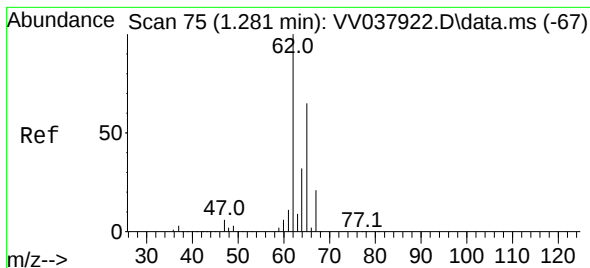
Tgt Ion: 85 Resp: 328805
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.4 38.0



#3
 Chloromethane
 Concen: 9.927 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV037923.D
 Acq: 06 Nov 2024 11:41

Tgt Ion: 50 Resp: 301399
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.4 43.4





#5

Vinyl chloride

Concen: 10.325 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV037923.D

Acq: 06 Nov 2024 11:41

Instrument :

MSVOA_V

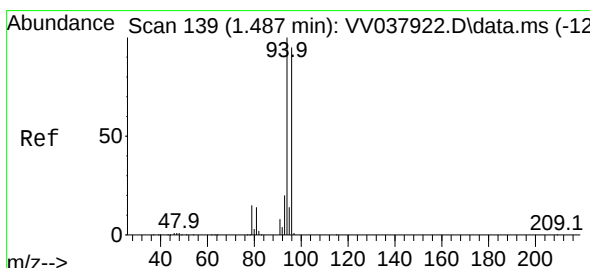
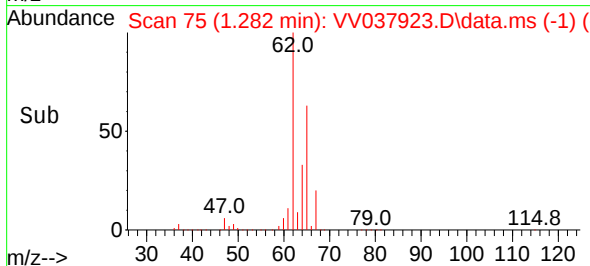
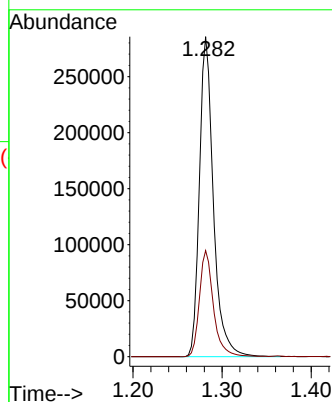
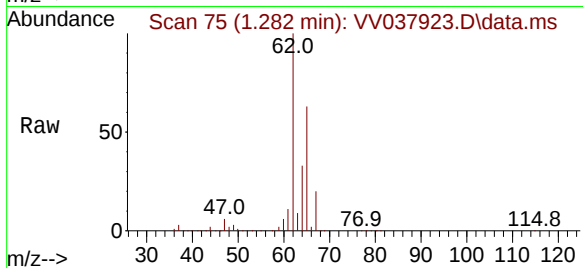
ClientSampleId :

Tgt Ion: 62 Resp: 311975

Ion Ratio Lower Upper

62 100

64 33.2 22.4 41.6



#6

Bromomethane

Concen: 10.157 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV037923.D

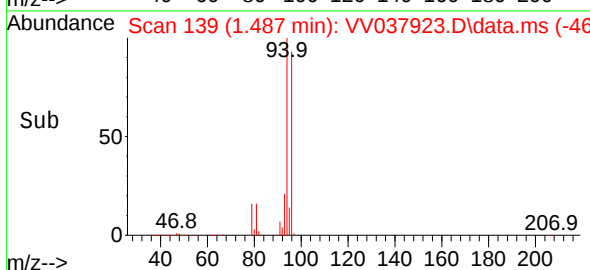
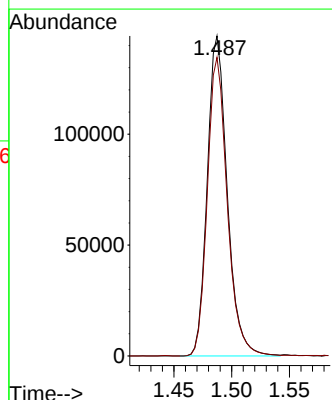
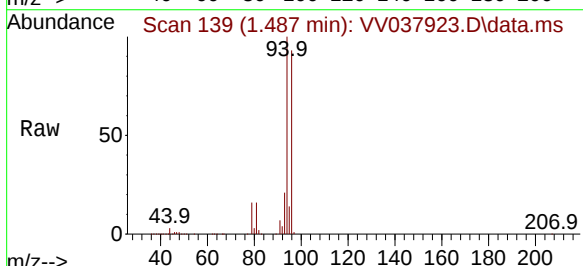
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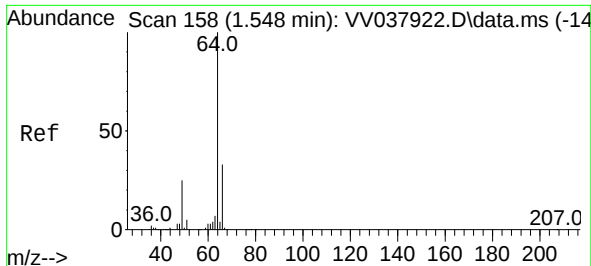
Tgt Ion: 94 Resp: 173604

Ion Ratio Lower Upper

94 100

96 93.3 66.3 123.1

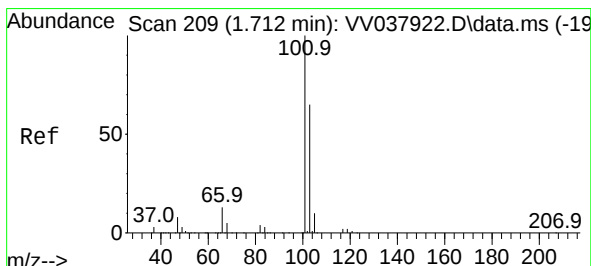
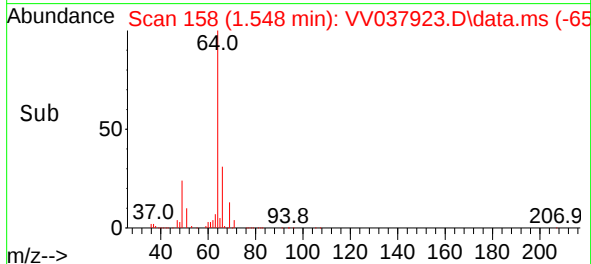
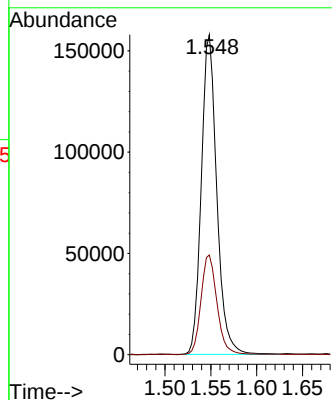
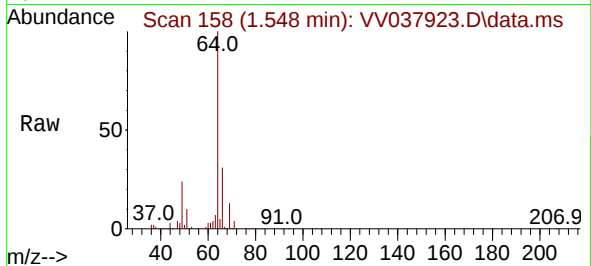




#8
Chloroethane
Concen: 10.281 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41

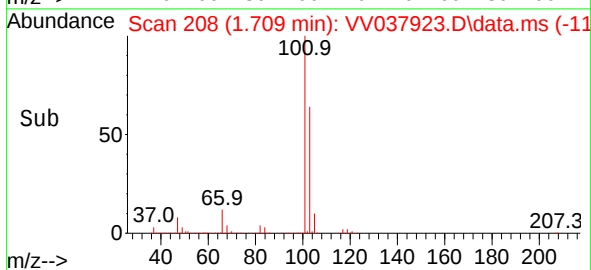
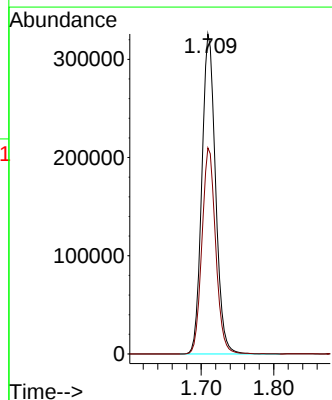
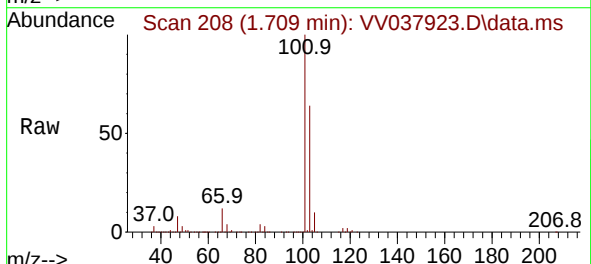
Instrument :
MSVOA_V
ClientSampleId :

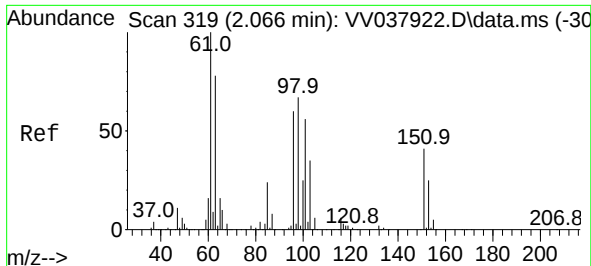
Tgt Ion: 64 Resp: 184808
Ion Ratio Lower Upper
64 100
66 31.2 23.0 42.8



#9
Trichlorofluoromethane
Concen: 10.176 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41

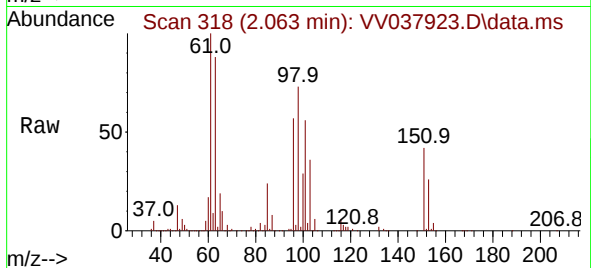
Tgt Ion:101 Resp: 427178
Ion Ratio Lower Upper
101 100
103 64.5 51.7 77.5



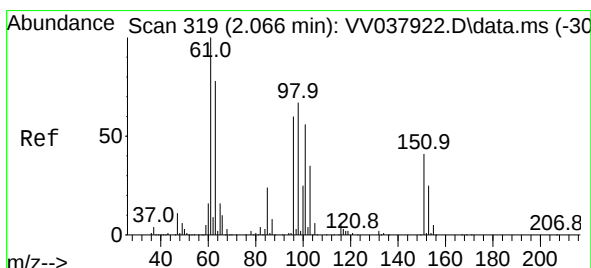
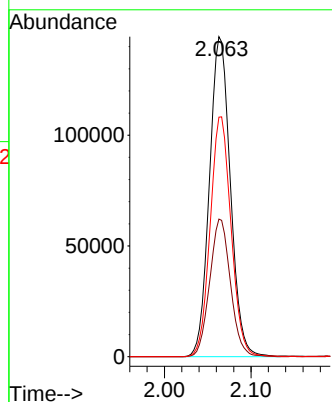
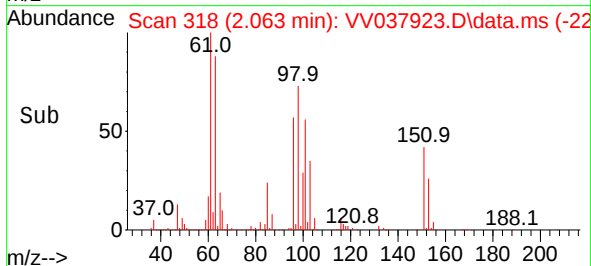


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.106 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41

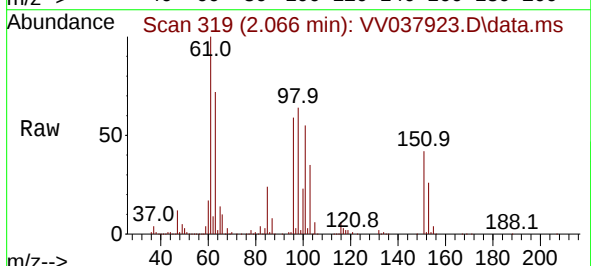
Instrument :
MSVOA_V
ClientSampleId :



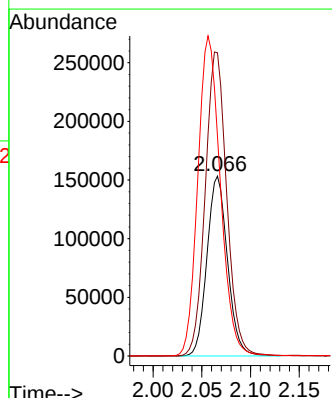
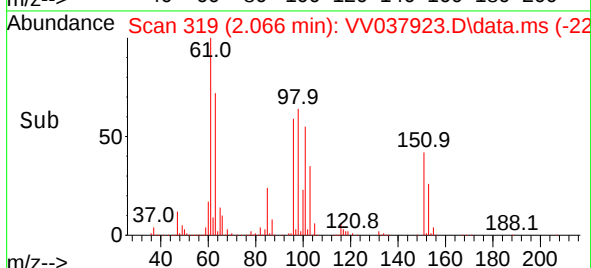
Tgt Ion:101 Resp: 242811
Ion Ratio Lower Upper
101 100
85 42.6 35.0 52.6
151 74.8 59.2 88.8

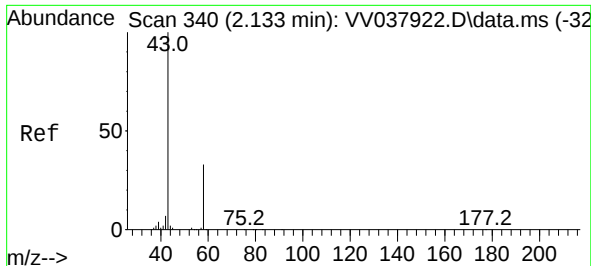


#12
1,1-Dichloroethene
Concen: 10.157 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41



Tgt Ion: 96 Resp: 224268
Ion Ratio Lower Upper
96 100
61 168.7 117.4 218.0
63 122.2 91.7 170.3





#13

Acetone

Concen: 103.432 ug/L

RT: 2.130 min Scan# 340

Delta R.T. -0.003 min

Lab File: VV037923.D

Acq: 06 Nov 2024 11:41

Instrument :

MSVOA_V

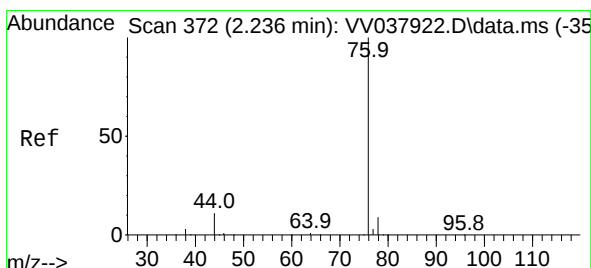
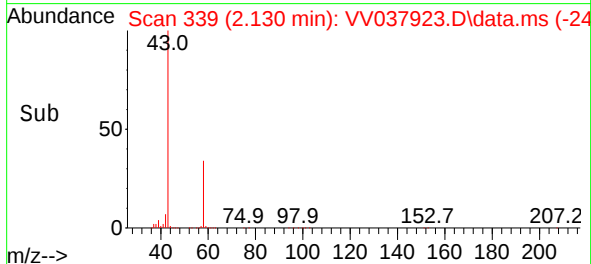
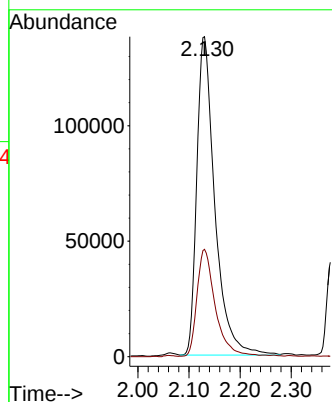
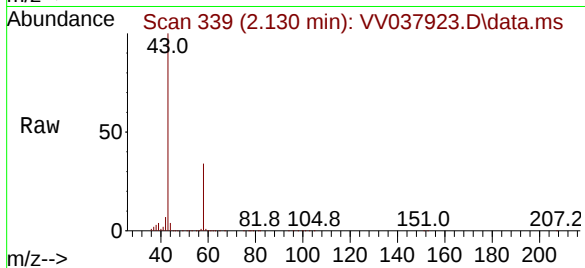
ClientSampleId :

Tgt Ion: 43 Resp: 338585

Ion Ratio Lower Upper

43 100

58 33.9 0.0 64.6



#14

Carbon disulfide

Concen: 10.383 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV037923.D

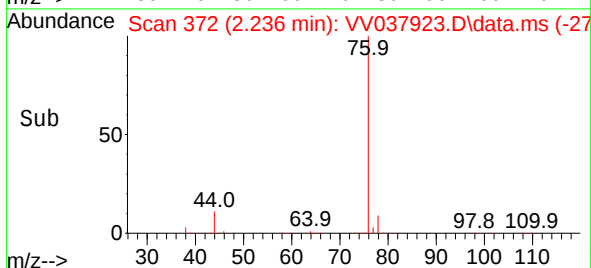
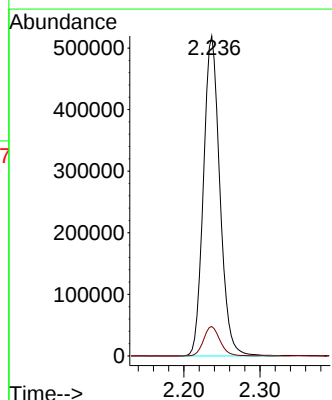
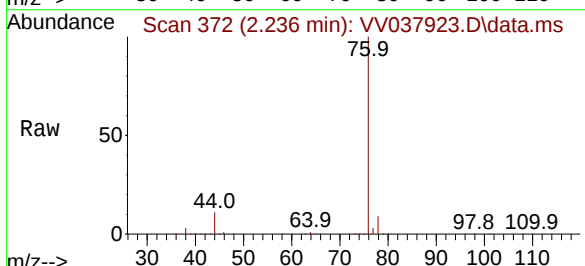
Acq: 06 Nov 2024 11:41

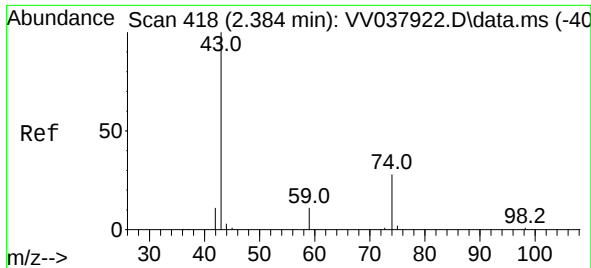
Tgt Ion: 76 Resp: 777804

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

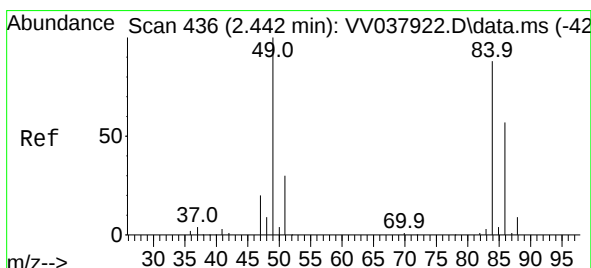
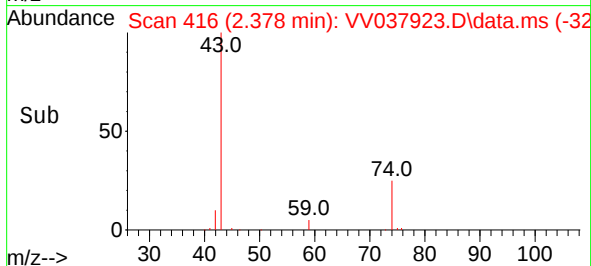
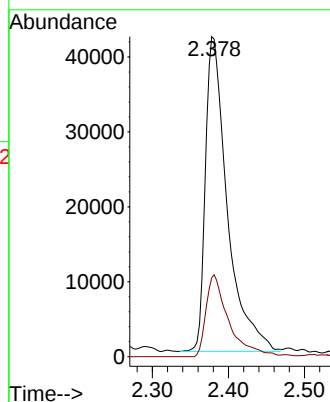
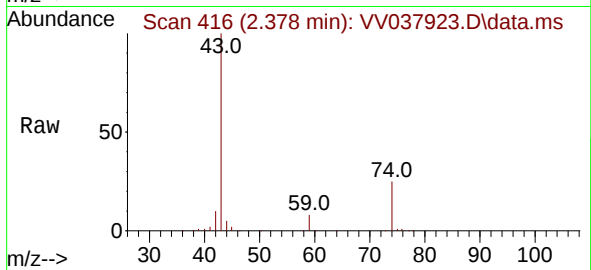




#15
Methyl Acetate
Concen: 10.855 ug/L
RT: 2.378 min Scan# 418
Delta R.T. -0.006 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41

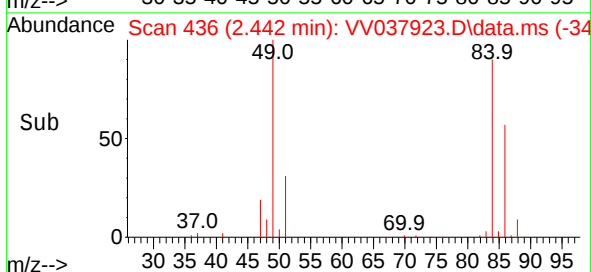
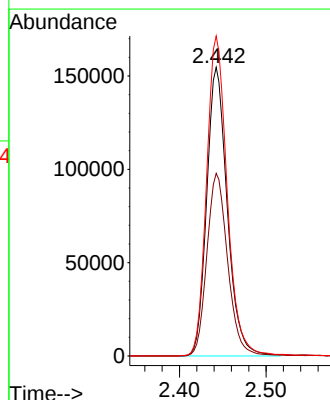
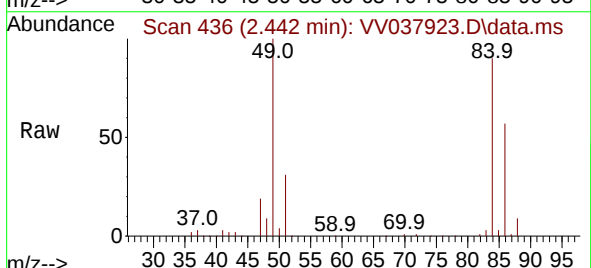
Instrument :
MSVOA_V
ClientSampleId :

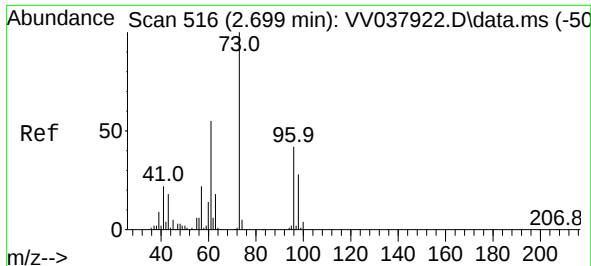
Tgt Ion: 43 Resp: 84109
Ion Ratio Lower Upper
43 100
74 26.9 21.8 32.8



#16
Methylene chloride
Concen: 9.898 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41

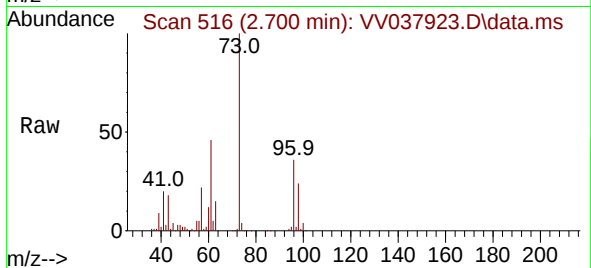
Tgt Ion: 84 Resp: 255151
Ion Ratio Lower Upper
84 100
86 63.2 45.0 83.6
49 110.9 79.2 147.2



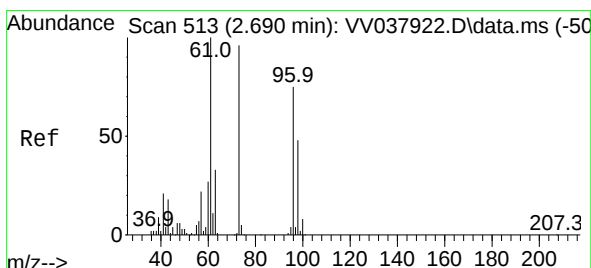
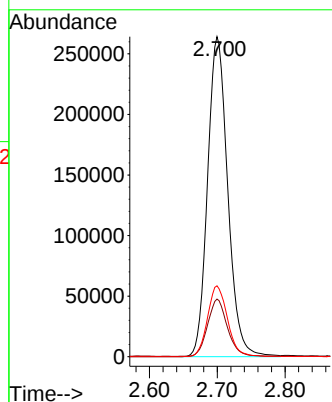
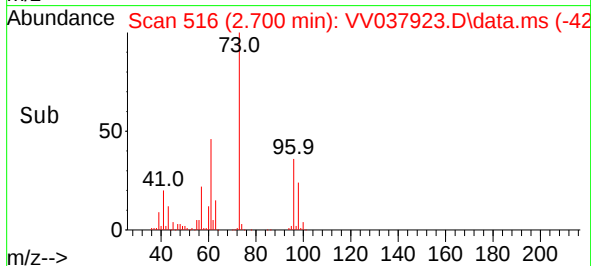


#17
Methyl tert-butyl Ether
Concen: 11.082 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41

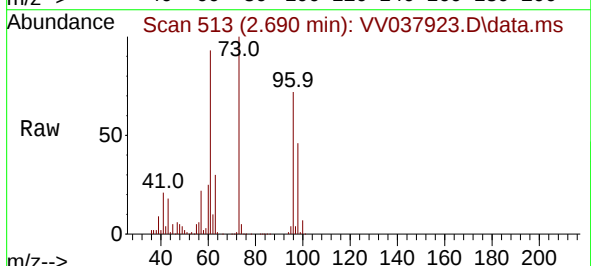
Instrument :
MSVOA_V
ClientSampleId :



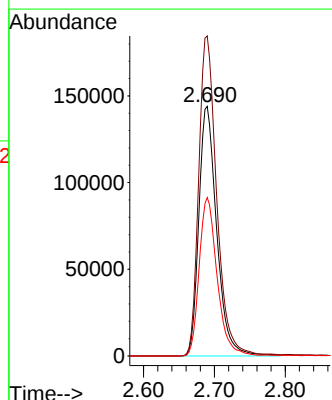
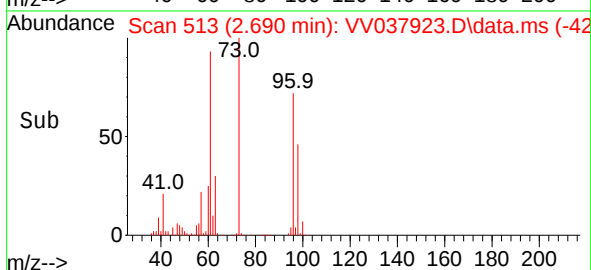
Tgt Ion: 73 Resp: 547204
Ion Ratio Lower Upper
73 100
43 17.5 14.4 21.6
57 21.9 17.8 26.6

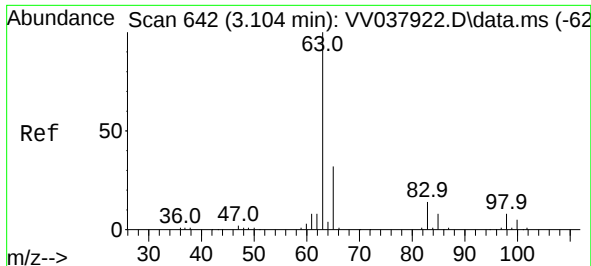


#18
trans-1,2-Dichloroethene
Concen: 10.593 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41



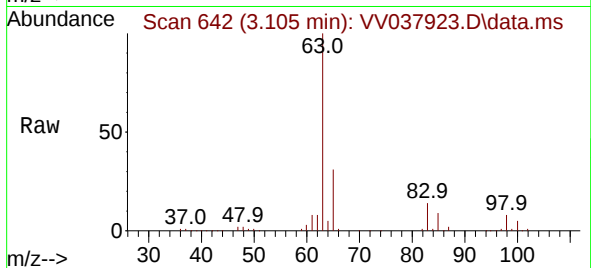
Tgt Ion: 96 Resp: 252654
Ion Ratio Lower Upper
96 100
61 128.2 93.2 173.0
98 63.5 44.4 82.4



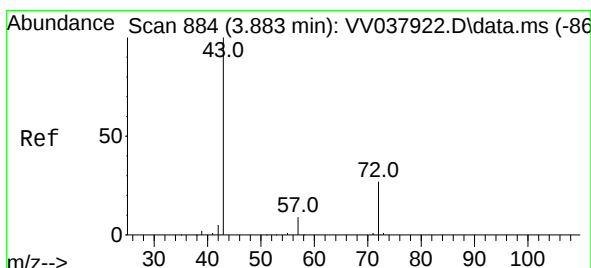
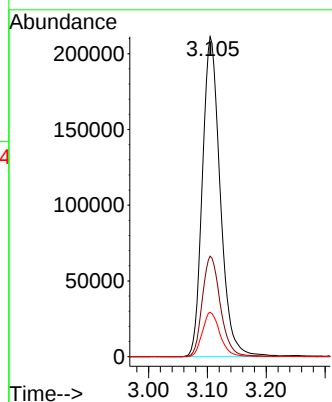
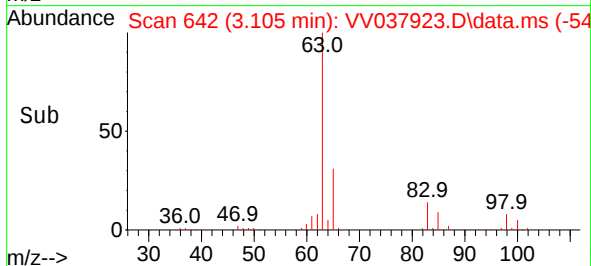


#19
1,1-Dichloroethane
Concen: 10.281 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41

Instrument :
MSVOA_V
ClientSampleId :

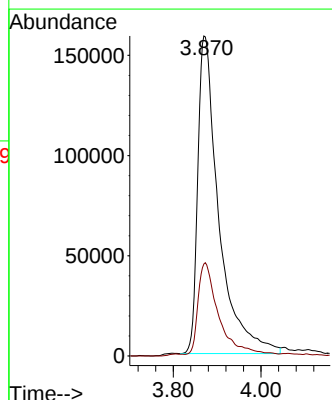
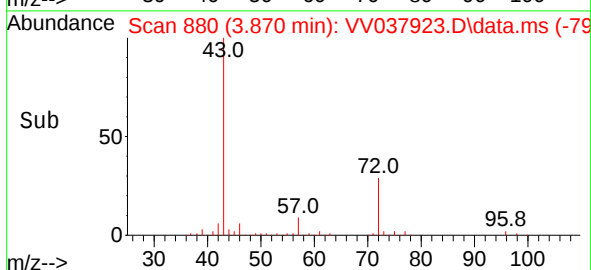
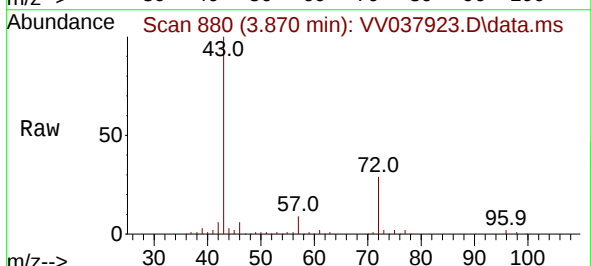


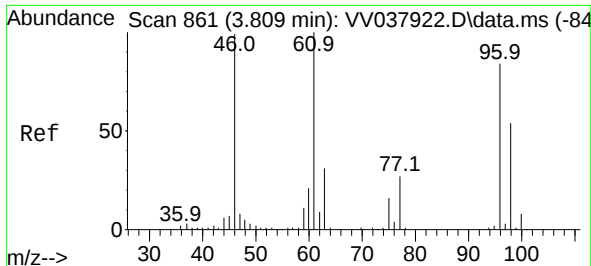
Tgt Ion: 63 Resp: 445427
Ion Ratio Lower Upper
63 100
65 31.4 22.3 41.3
83 13.9 9.5 17.7



#21
2-Butanone
Concen: 117.577 ug/L
RT: 3.870 min Scan# 880
Delta R.T. -0.013 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41

Tgt Ion: 43 Resp: 526980
Ion Ratio Lower Upper
43 100
72 28.4 13.0 39.0

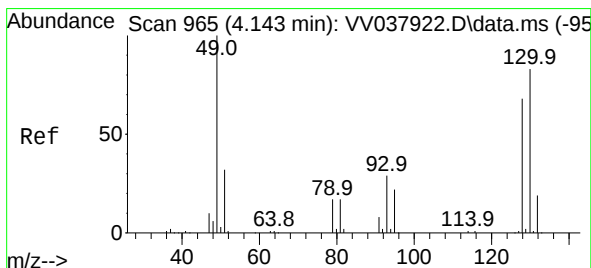
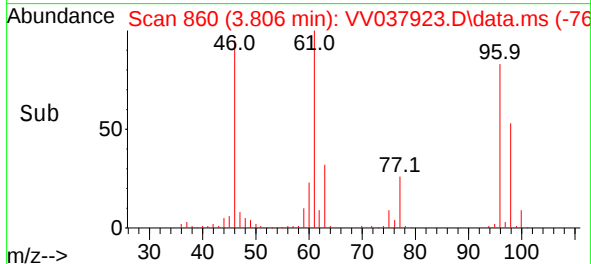
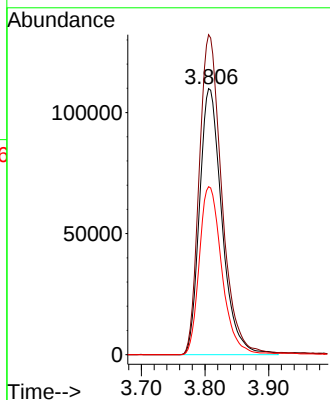
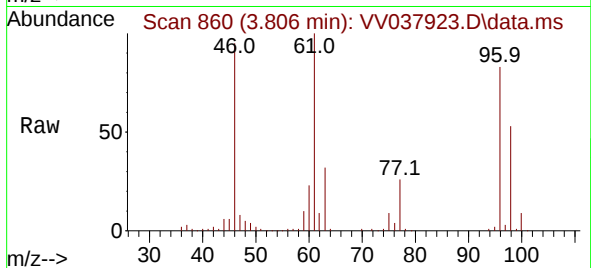




#22
 cis-1,2-Dichloroethene
 Concen: 10.701 ug/L
 RT: 3.806 min Scan# 860
 Delta R.T. -0.003 min
 Lab File: VV037923.D
 Acq: 06 Nov 2024 11:41

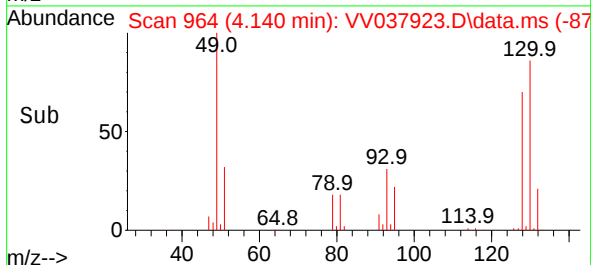
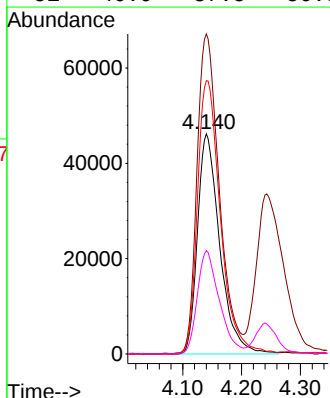
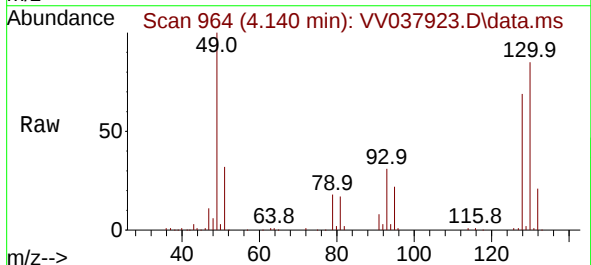
Instrument :
 MSVOA_V
 ClientSampleId :

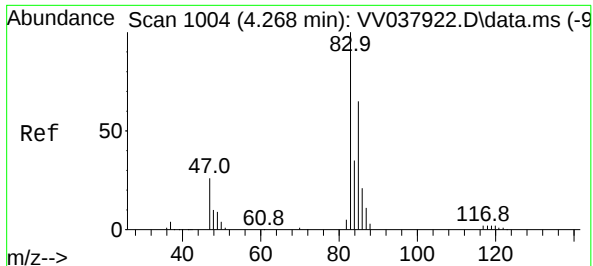
Tgt Ion: 96 Resp: 268915
 Ion Ratio Lower Upper
 96 100
 61 120.3 83.4 154.8
 98 63.2 44.6 82.8



#23
 Bromochloromethane
 Concen: 10.677 ug/L
 RT: 4.140 min Scan# 964
 Delta R.T. -0.003 min
 Lab File: VV037923.D
 Acq: 06 Nov 2024 11:41

Tgt Ion:128 Resp: 121155
 Ion Ratio Lower Upper
 128 100
 49 145.4 103.0 191.4
 130 124.1 85.9 159.5
 51 46.9 37.5 56.3





#25

Chloroform

Concen: 10.260 ug/L

RT: 4.269 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV037923.D

Acq: 06 Nov 2024 11:41

Instrument :

MSVOA_V

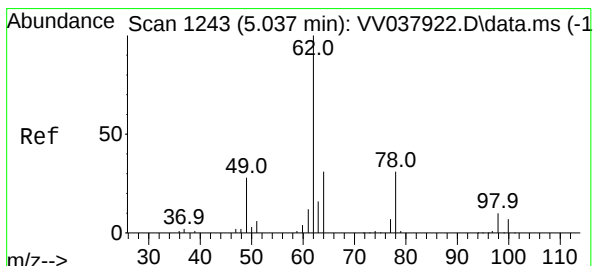
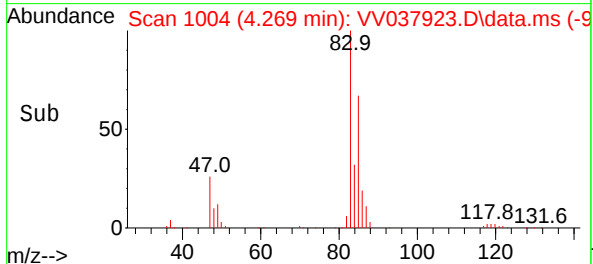
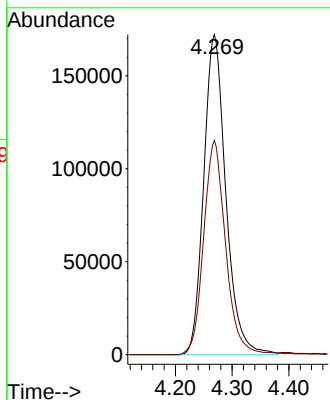
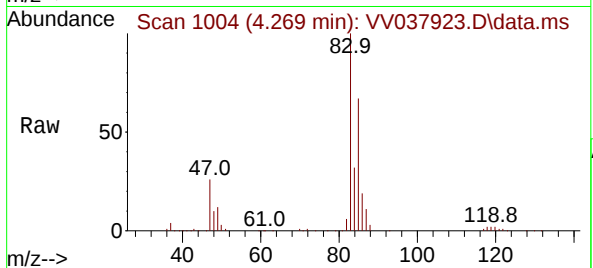
ClientSampleId :

Tgt Ion: 83 Resp: 467032

Ion Ratio Lower Upper

83 100

85 67.0 45.5 84.5



#27

1,2-Dichloroethane

Concen: 10.633 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV037923.D

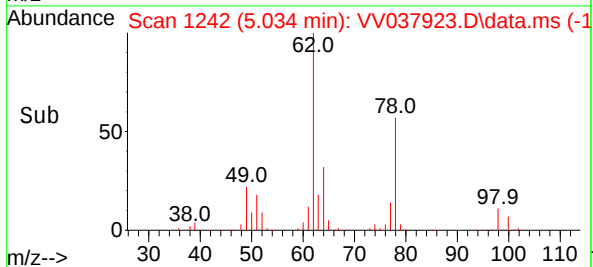
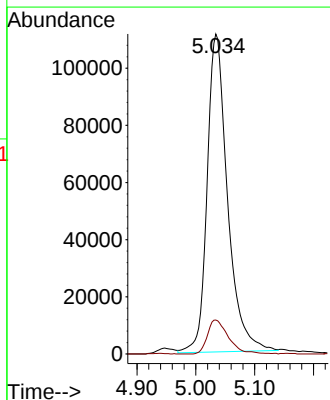
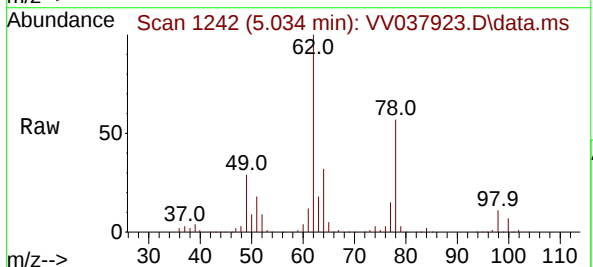
Acq: 06 Nov 2024 11:41

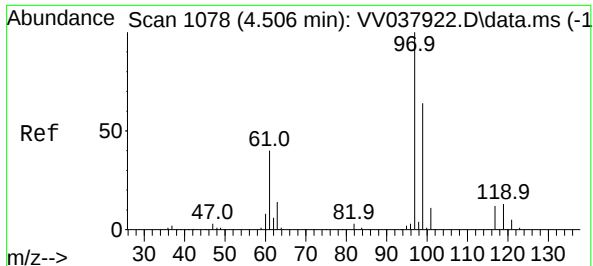
Tgt Ion: 62 Resp: 268153

Ion Ratio Lower Upper

62 100

98 10.6 8.1 12.1

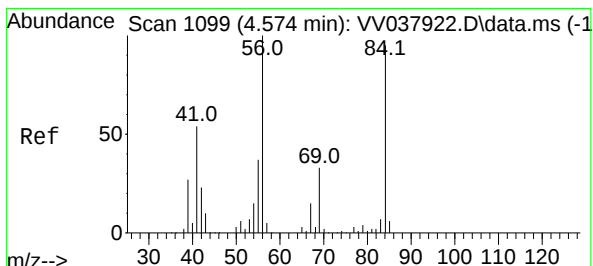
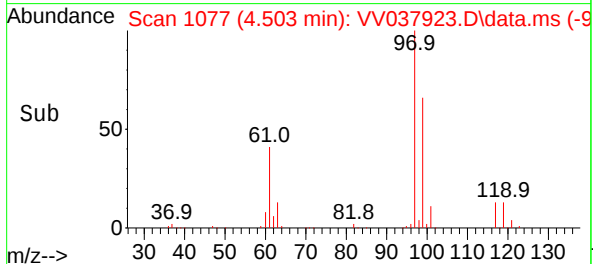
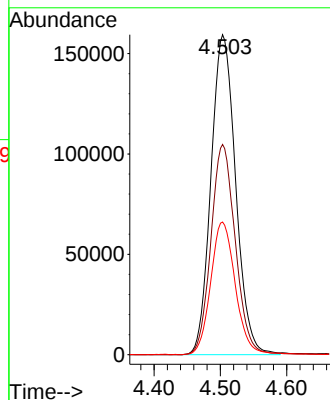
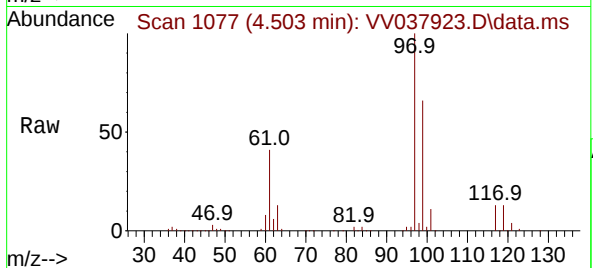




#29
1,1,1-Trichloroethane
Concen: 10.371 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. -0.003 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41

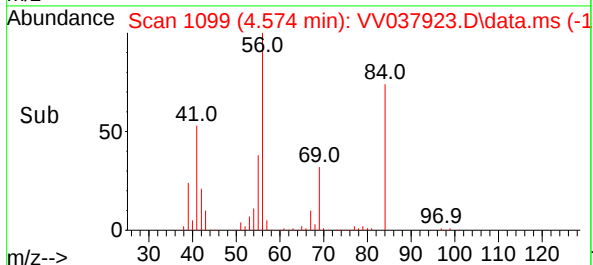
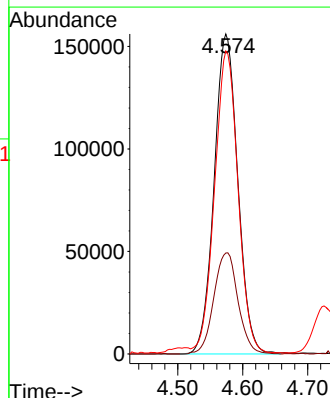
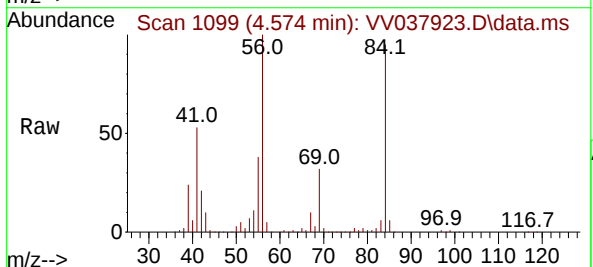
Instrument :
MSVOA_V
ClientSampleId :

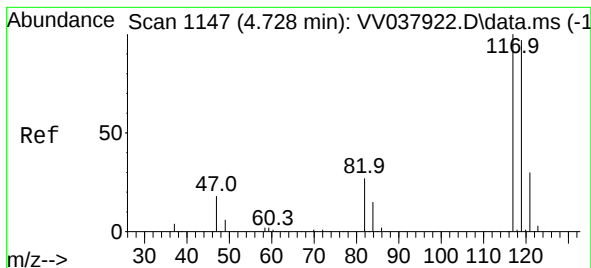
Tgt Ion: 97 Resp: 412575
Ion Ratio Lower Upper
97 100
99 65.0 52.1 78.1
61 41.6 33.3 49.9



#30
Cyclohexane
Concen: 11.178 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. 0.000 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41

Tgt Ion: 56 Resp: 393989
Ion Ratio Lower Upper
56 100
69 32.3 25.5 38.3
84 93.3 75.2 112.8





#31

Carbon tetrachloride

Concen: 10.522 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. -0.003 min

Lab File: VV037923.D

Acq: 06 Nov 2024 11:41

Instrument :

MSVOA_V

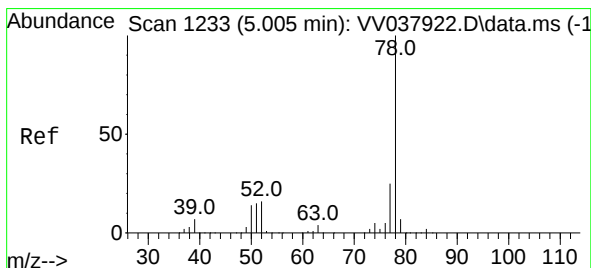
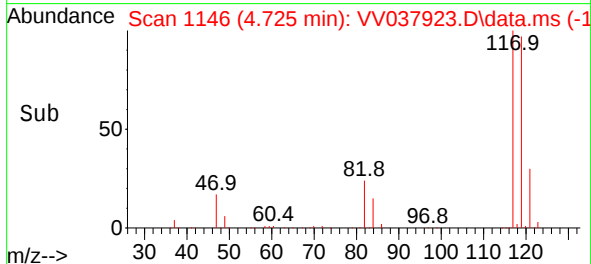
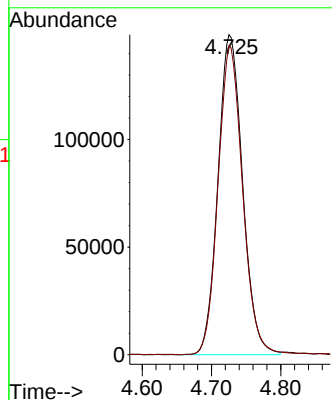
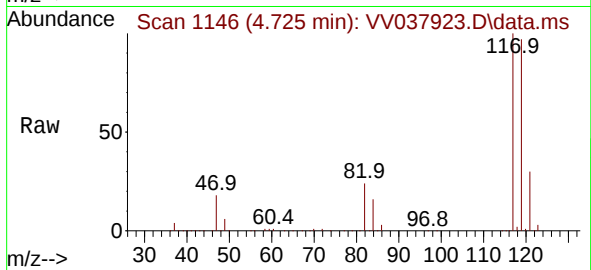
ClientSampleId :

Tgt Ion:117 Resp: 367314

Ion Ratio Lower Upper

117 100

119 96.3 77.2 115.8



#33

Benzene

Concen: 10.910 ug/L

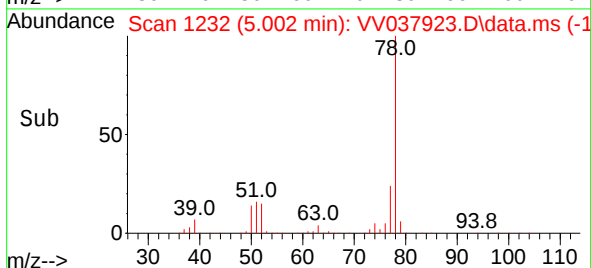
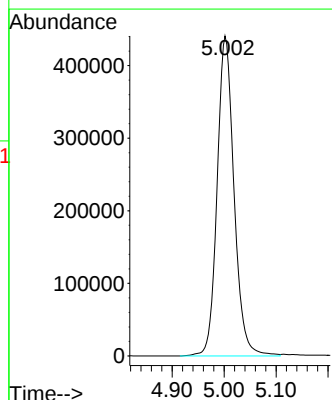
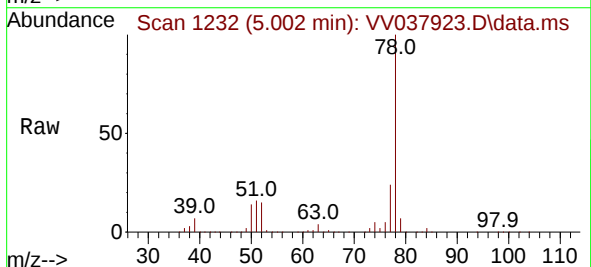
RT: 5.002 min Scan# 1232

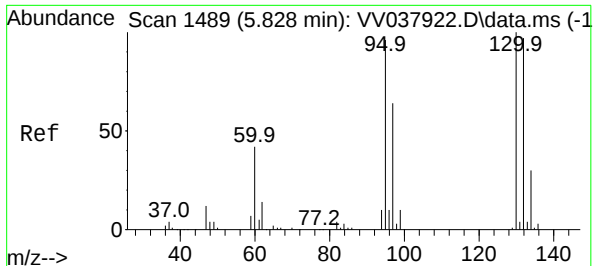
Delta R.T. -0.003 min

Lab File: VV037923.D

Acq: 06 Nov 2024 11:41

Tgt Ion: 78 Resp: 997622

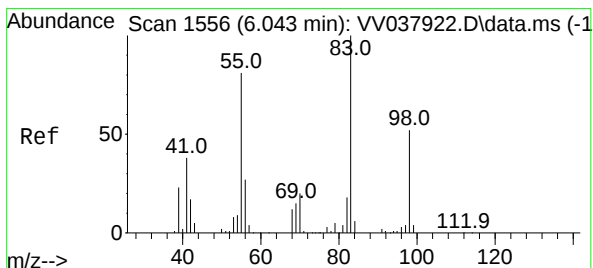
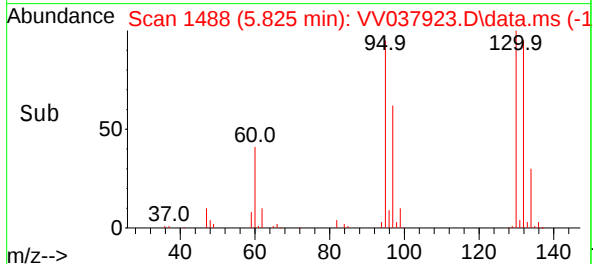
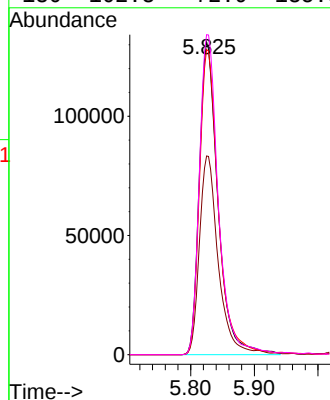
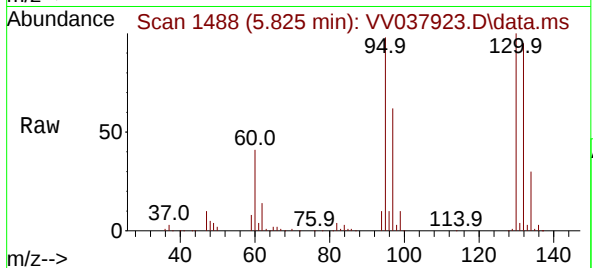




#34
Trichloroethene
Concen: 10.589 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41

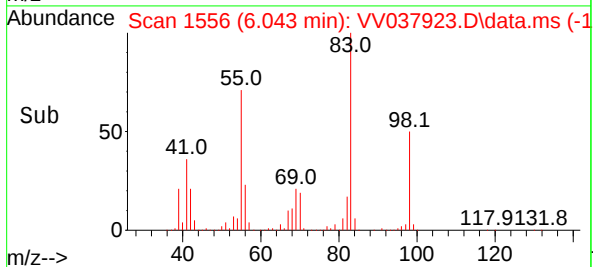
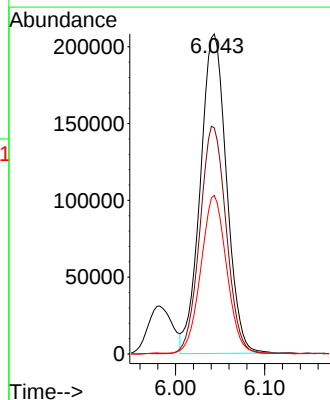
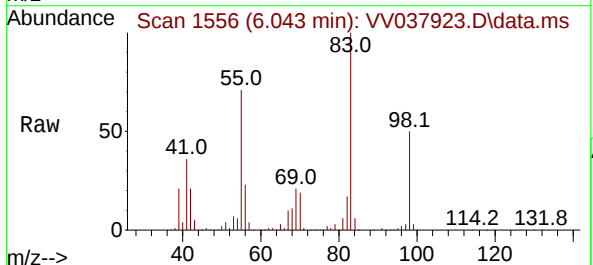
Instrument :
MSVOA_V
ClientSampleId :

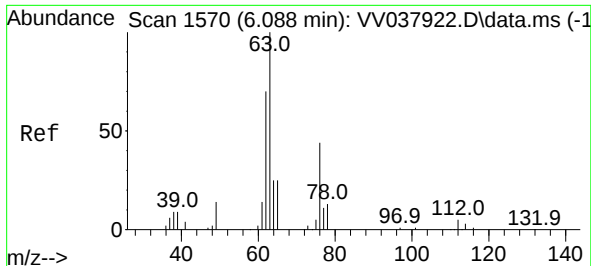
Tgt Ion: 95 Resp: 268126
Ion Ratio Lower Upper
95 100
97 63.5 46.9 87.1
132 97.6 70.5 130.9
130 102.3 72.9 135.3



#35
Methylcyclohexane
Concen: 11.262 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41

Tgt Ion: 83 Resp: 425043
Ion Ratio Lower Upper
83 100
55 71.5 59.3 88.9
98 49.3 38.3 57.5

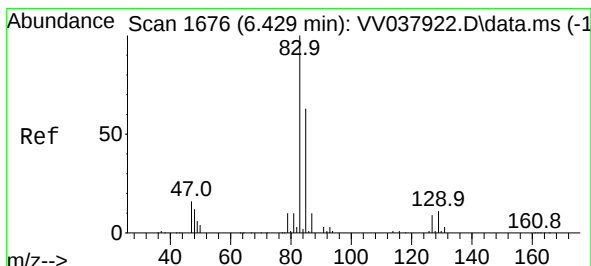
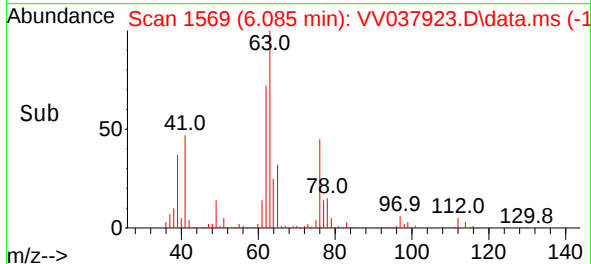
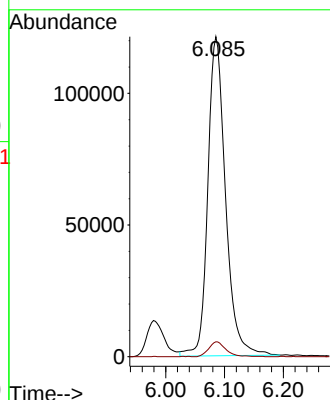
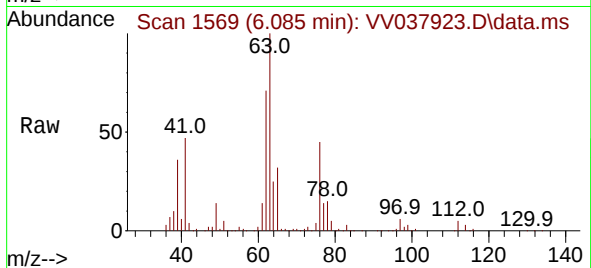




#37
1,2-Dichloropropane
Concen: 11.087 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41

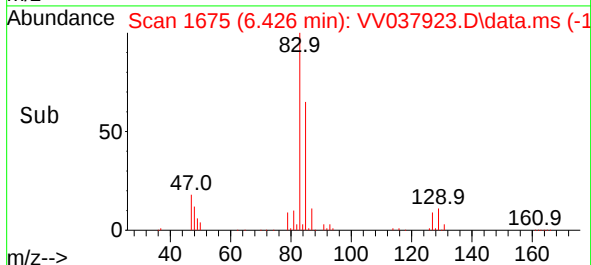
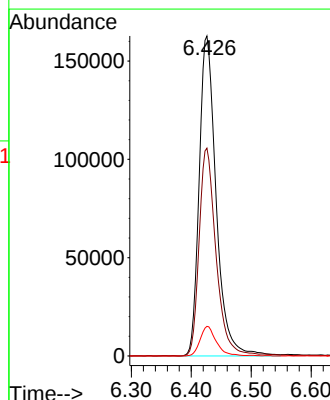
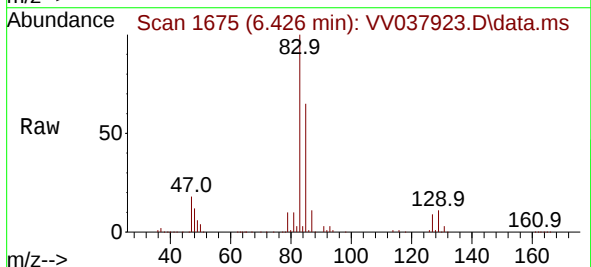
Instrument :
MSVOA_V
ClientSampleId :

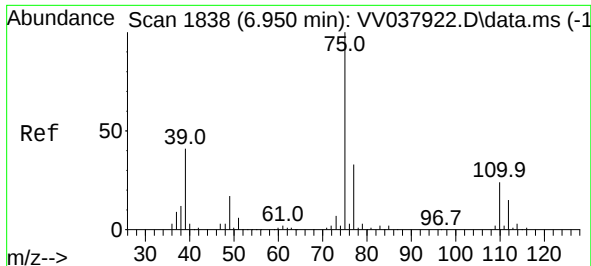
Tgt Ion: 63 Resp: 253394
Ion Ratio Lower Upper
63 100
112 4.4 4.1 6.1



#38
Bromodichloromethane
Concen: 10.624 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41

Tgt Ion: 83 Resp: 322134
Ion Ratio Lower Upper
83 100
85 65.0 44.2 82.2
127 9.3 6.8 10.2

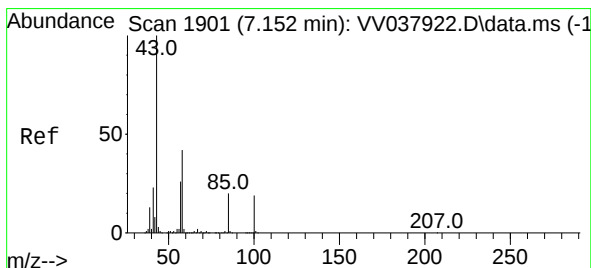
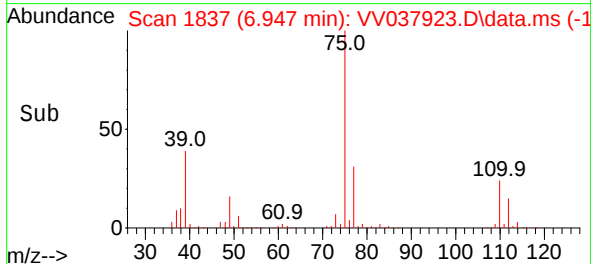
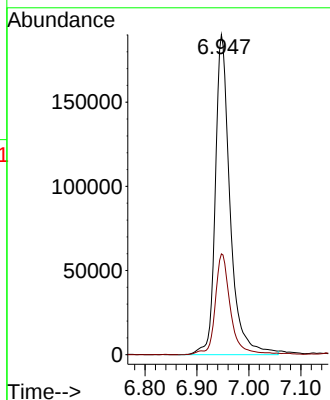
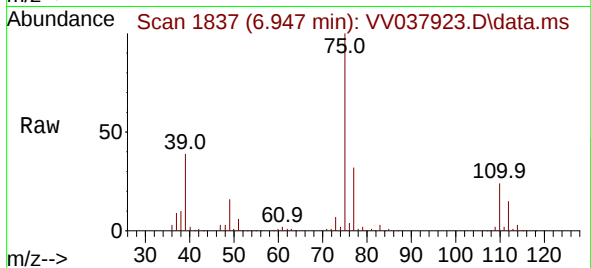




#39
 cis-1,3-Dichloropropene
 Concen: 11.576 ug/L
 RT: 6.947 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VV037923.D
 Acq: 06 Nov 2024 11:41

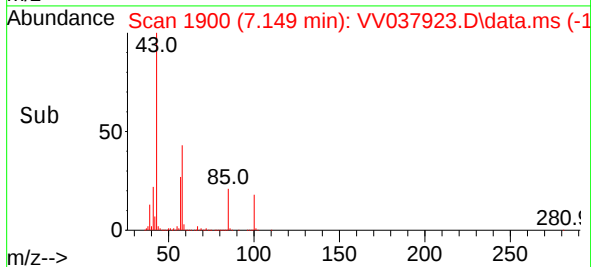
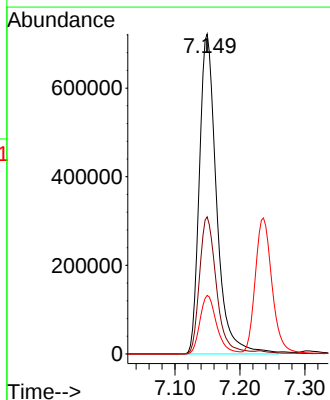
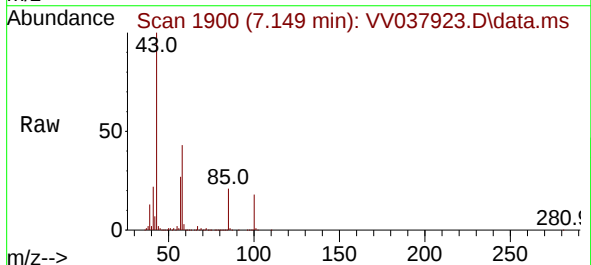
Instrument :
 MSVOA_V
 ClientSampleId :

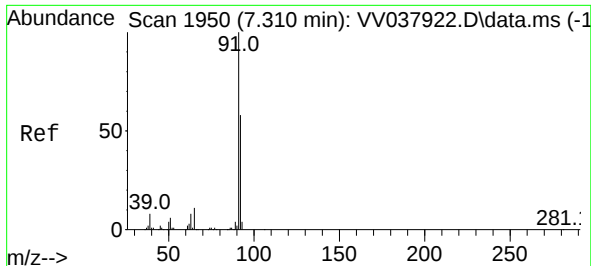
Tgt Ion: 75 Resp: 375531
 Ion Ratio Lower Upper
 75 100
 77 31.5 23.0 42.6



#40
 4-Methyl-2-pentanone
 Concen: 118.265 ug/L
 RT: 7.149 min Scan# 1900
 Delta R.T. -0.003 min
 Lab File: VV037923.D
 Acq: 06 Nov 2024 11:41

Tgt Ion: 43 Resp: 1332703
 Ion Ratio Lower Upper
 43 100
 58 42.3 32.6 49.0
 100 17.9 13.8 20.8





#42

Toluene

Concen: 11.202 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV037923.D

Acq: 06 Nov 2024 11:41

Instrument :

MSVOA_V

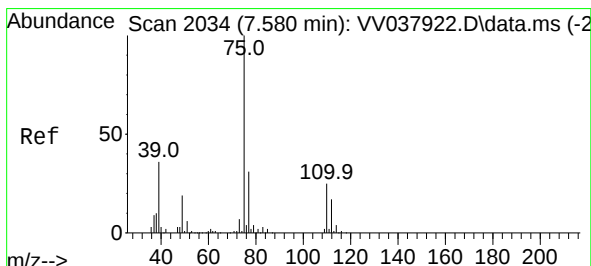
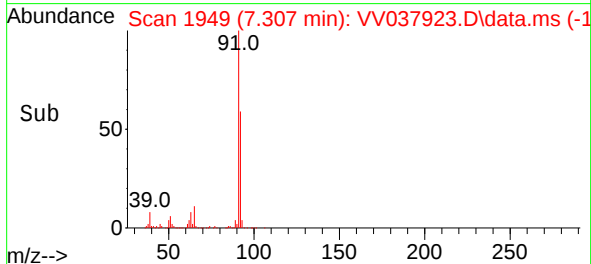
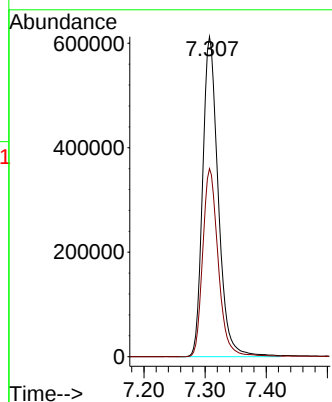
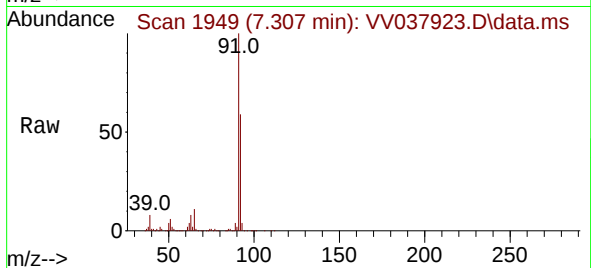
ClientSampleId :

Tgt Ion: 91 Resp: 1084002

Ion Ratio Lower Upper

91 100

92 58.8 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 11.456 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.006 min

Lab File: VV037923.D

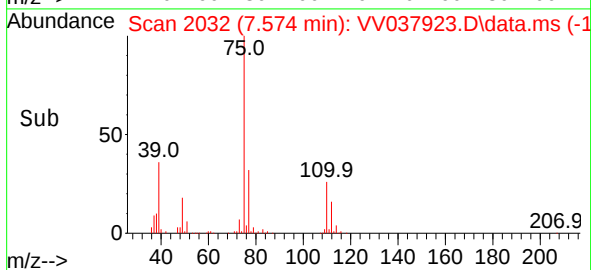
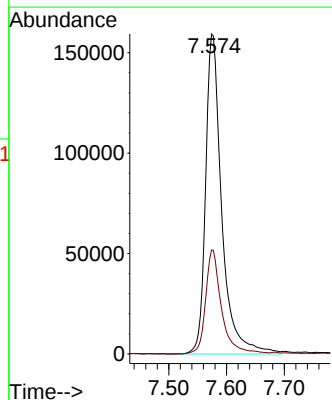
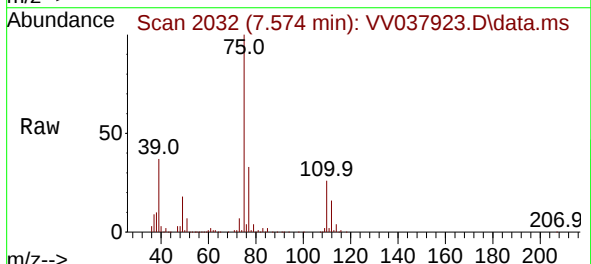
Acq: 06 Nov 2024 11:41

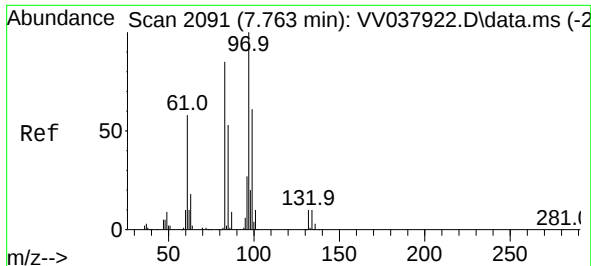
Tgt Ion: 75 Resp: 309728

Ion Ratio Lower Upper

75 100

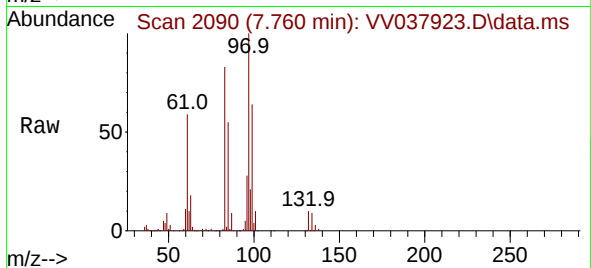
77 32.5 21.8 40.6



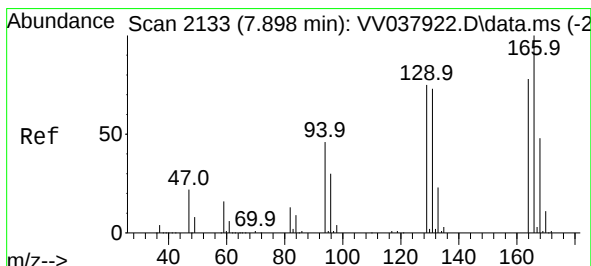
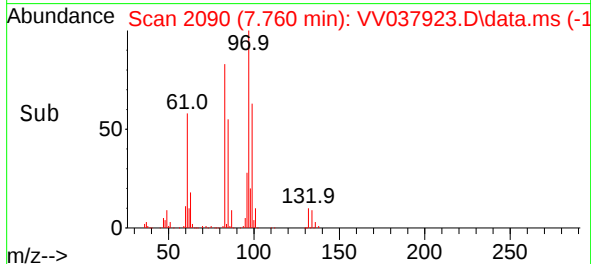
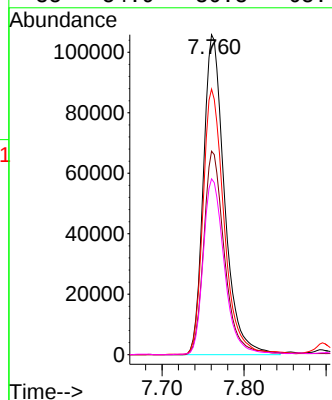


#45
1,1,2-Trichloroethane
Concen: 10.807 ug/L
RT: 7.760 min Scan# 2091
Delta R.T. -0.003 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41

Instrument :
MSVOA_V
ClientSampleId :

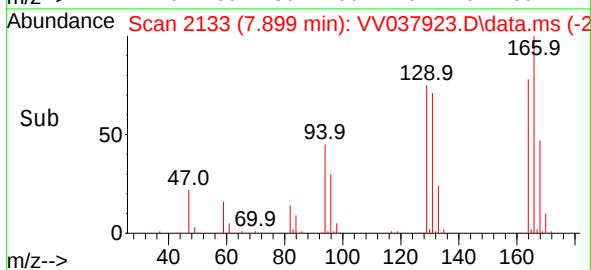
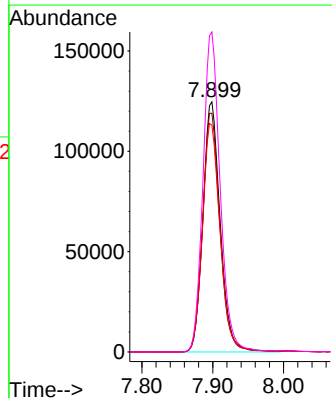
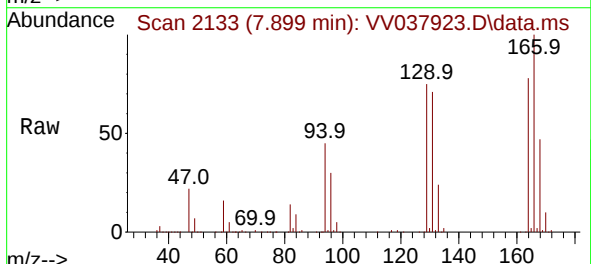


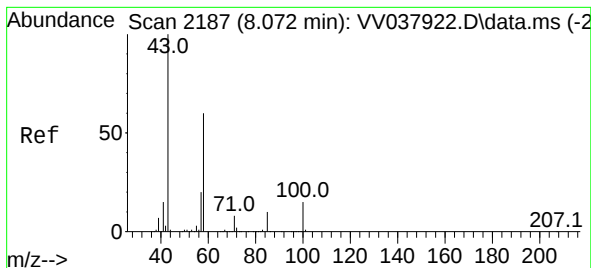
Tgt Ion:	97	Resp:	189231
Ion	Ratio	Lower	Upper
97	100		
99	63.6	42.4	78.8
83	83.0	59.3	110.1
85	54.9	36.8	68.4



#47
Tetrachloroethene
Concen: 10.739 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41

Tgt Ion:	164	Resp:	211372
Ion	Ratio	Lower	Upper
164	100		
129	95.4	66.8	124.2
131	90.7	65.2	121.2
166	127.9	89.2	165.8





#48

2-Hexanone

Concen: 119.323 ug/L

RT: 8.069 min Scan# 2186

Delta R.T. -0.003 min

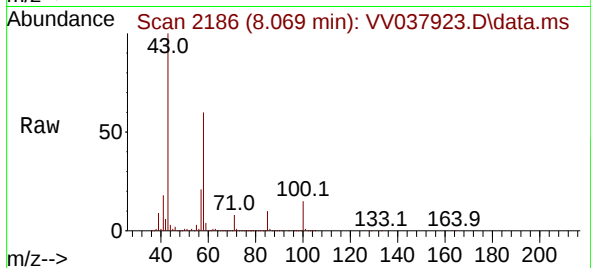
Lab File: VV037923.D

Acq: 06 Nov 2024 11:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 936784

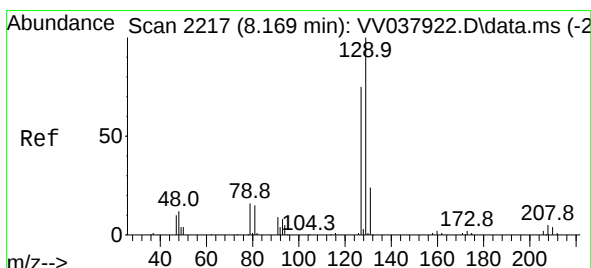
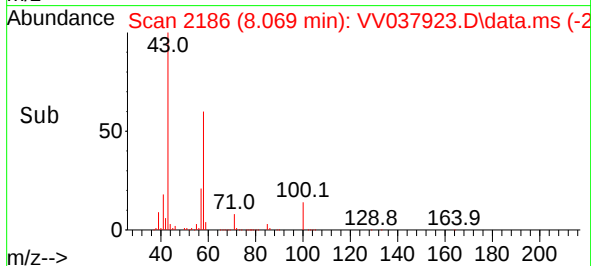
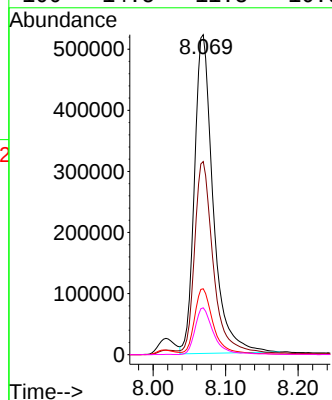
Ion	Ratio	Lower	Upper
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43	100		
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58	62.0	48.5	72.7
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57	20.1	16.3	24.5
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100	14.5	11.3	16.9
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#49

Dibromochloromethane

Concen: 10.743 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. 0.000 min

Lab File: VV037923.D

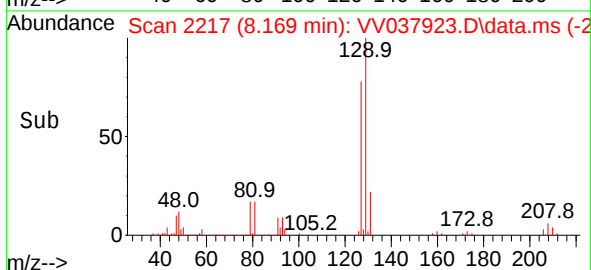
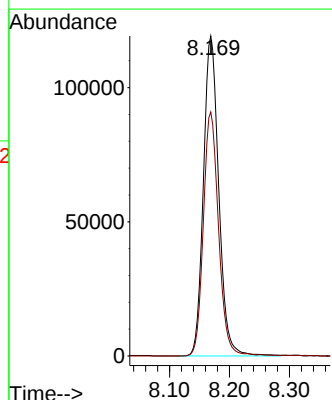
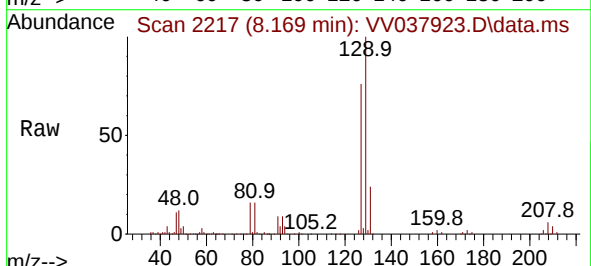
Acq: 06 Nov 2024 11:41

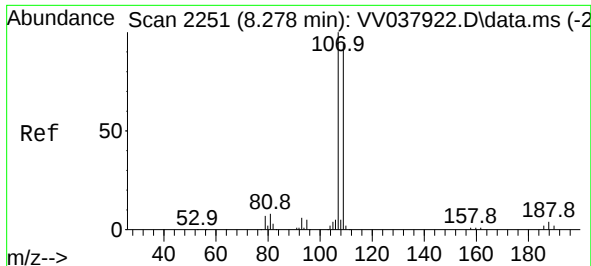
Tgt Ion: 129 Resp: 212454

Ion	Ratio	Lower	Upper
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129	100		
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127	76.3	52.2	97.0
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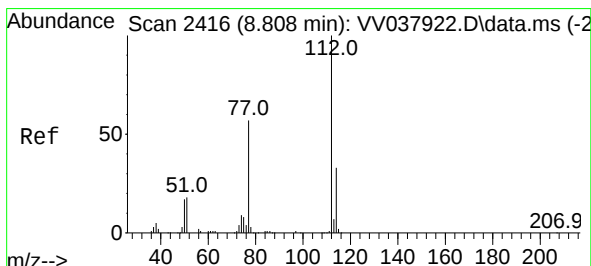
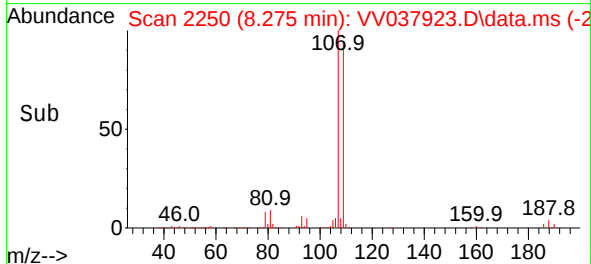
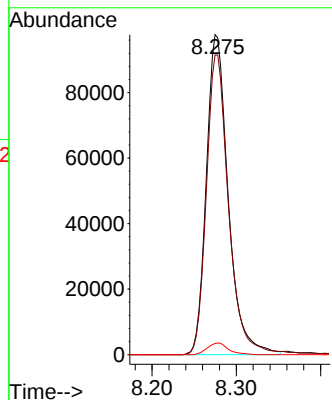
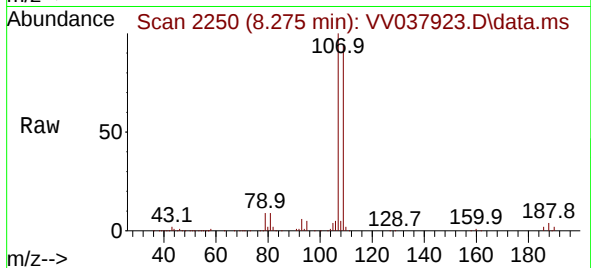




#50
1,2-Dibromoethane
Concen: 10.945 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41

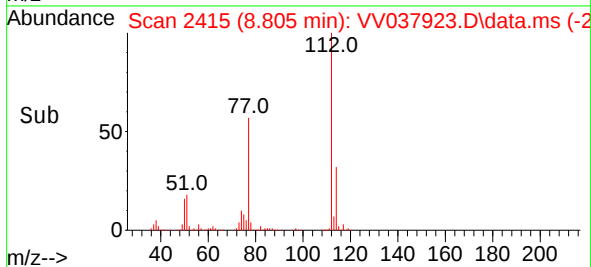
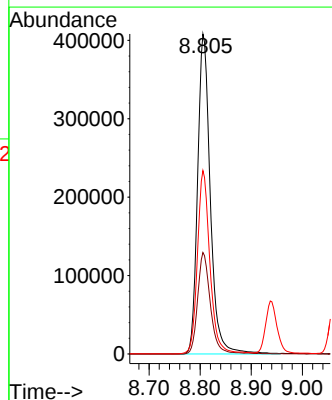
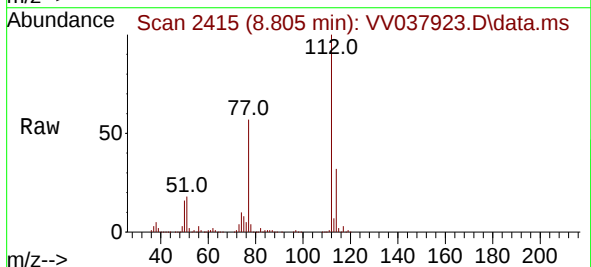
Instrument :
MSVOA_V
ClientSampleId :

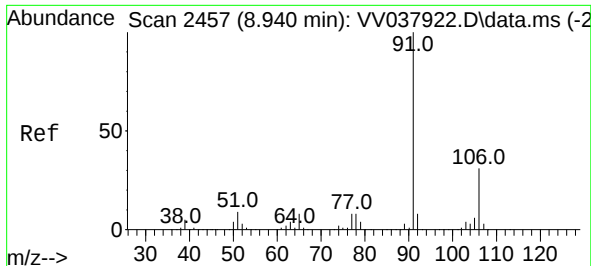
Tgt Ion:107 Resp: 176706
Ion Ratio Lower Upper
107 100
109 93.7 65.8 122.2
188 3.5 3.0 4.6



#51
Chlorobenzene
Concen: 10.653 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.003 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41

Tgt Ion:112 Resp: 704980
Ion Ratio Lower Upper
112 100
114 31.7 23.0 42.6
77 57.3 45.9 68.9

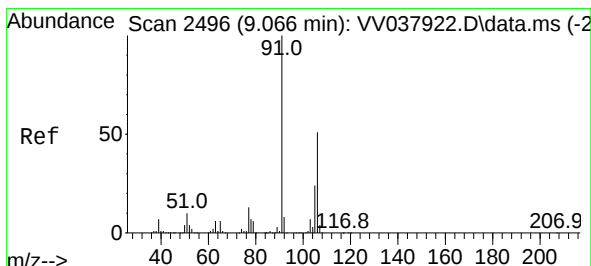
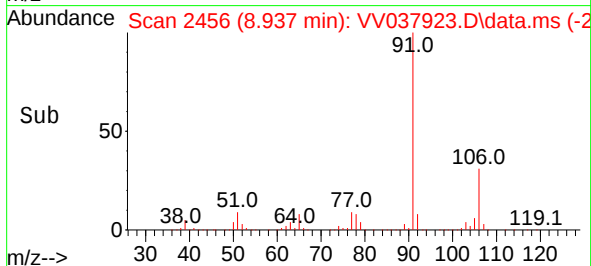
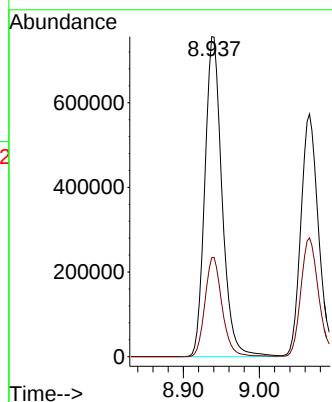
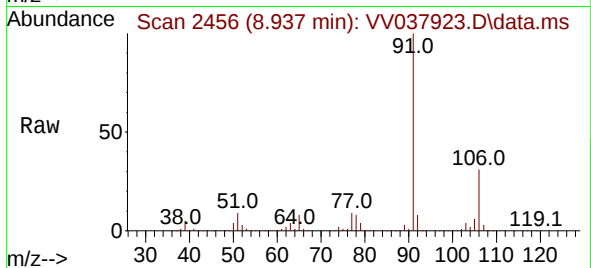




#52
Ethylbenzene
Concen: 11.414 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. -0.003 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41

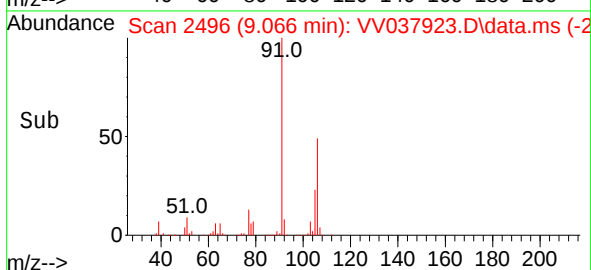
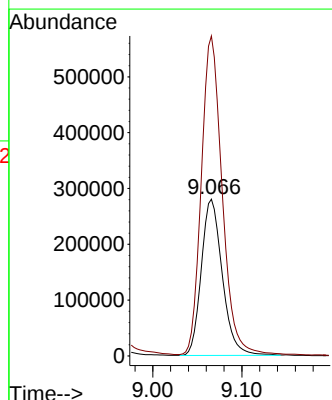
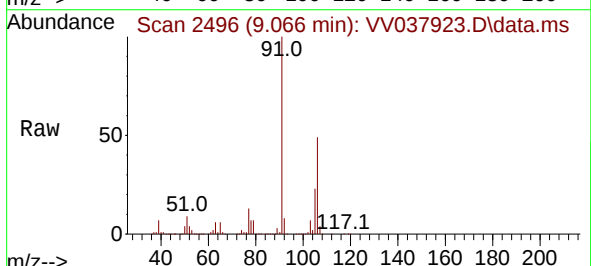
Instrument :
MSVOA_V
ClientSampleId :

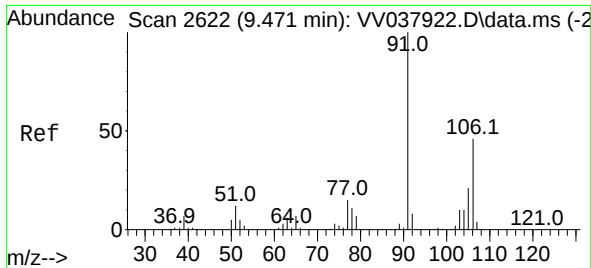
Tgt Ion: 91 Resp: 1189558
Ion Ratio Lower Upper
91 100
106 31.0 21.8 40.4



#53
m,p-Xylene
Concen: 11.507 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41

Tgt Ion:106 Resp: 457471
Ion Ratio Lower Upper
106 100
91 204.2 139.0 258.2

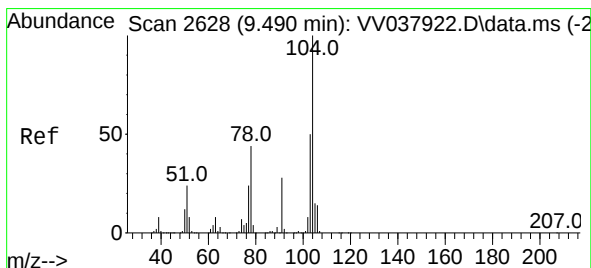
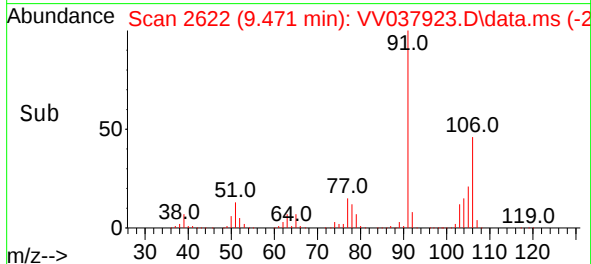
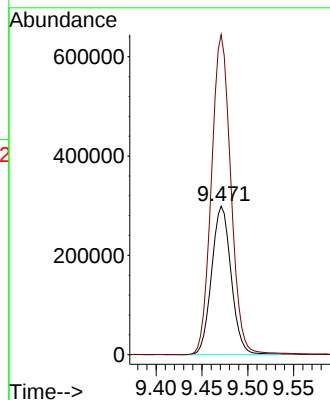
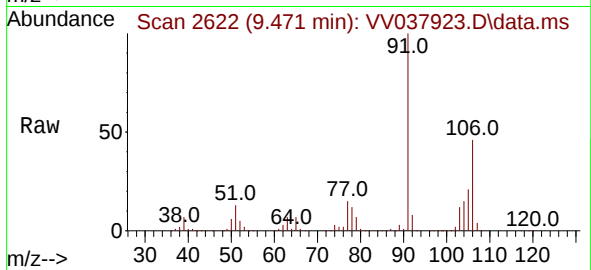




#54
o-Xylene
Concen: 11.706 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41

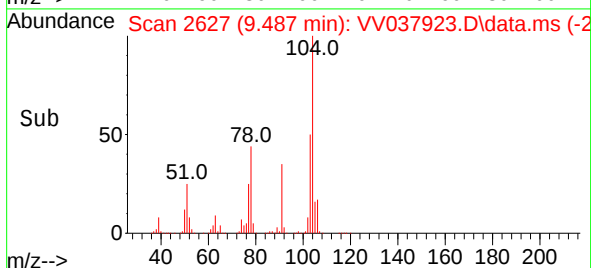
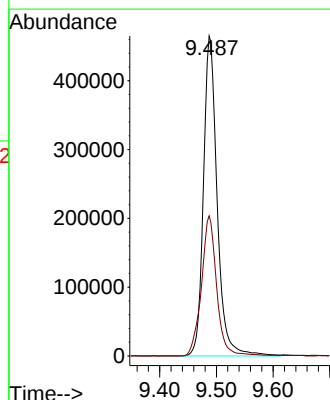
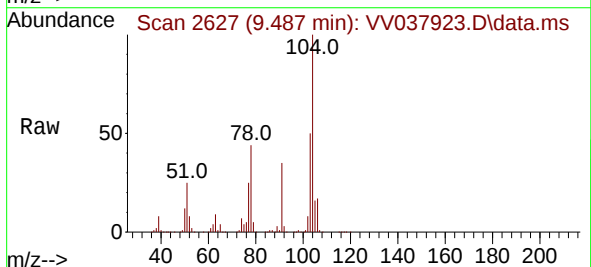
Instrument :
MSVOA_V
ClientSampleId :

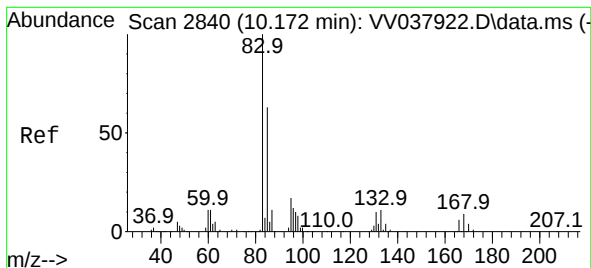
Tgt Ion:106 Resp: 442930
Ion Ratio Lower Upper
106 100
91 215.6 152.0 282.2



#55
Styrene
Concen: 12.260 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.003 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41

Tgt Ion:104 Resp: 783529
Ion Ratio Lower Upper
104 100
78 43.8 30.9 57.3





#57

1,1,2,2-Tetrachloroethane

Concen: 10.734 ug/L

RT: 10.169 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV037923.D

Acq: 06 Nov 2024 11:41

Instrument :

MSVOA_V

ClientSampleId :

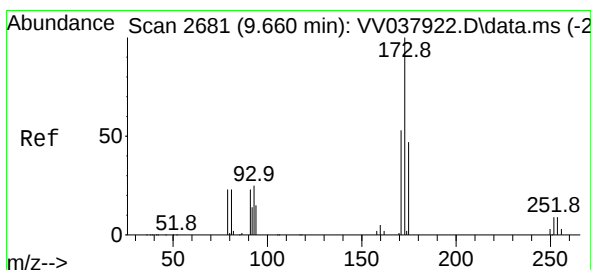
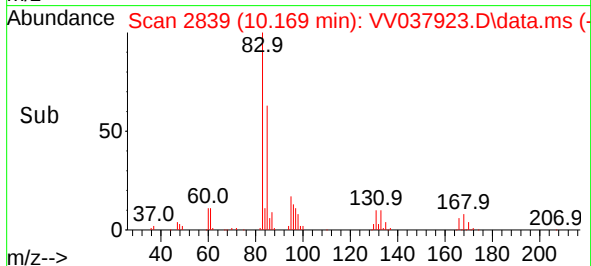
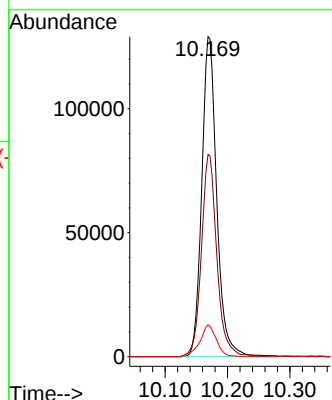
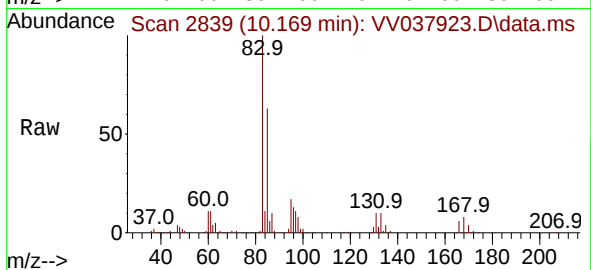
Tgt Ion: 83 Resp: 215570

Ion Ratio Lower Upper

83 100

85 63.2 44.2 82.2

131 10.0 7.9 11.9



#59

Bromoform

Concen: 10.277 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. -0.003 min

Lab File: VV037923.D

Acq: 06 Nov 2024 11:41

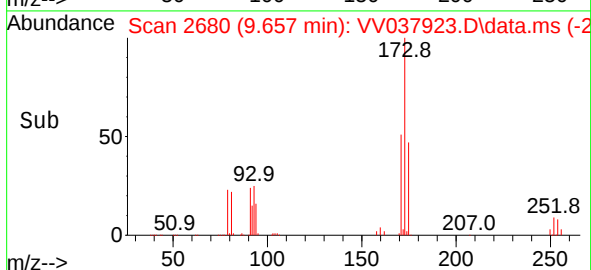
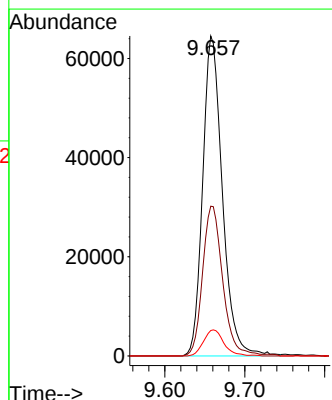
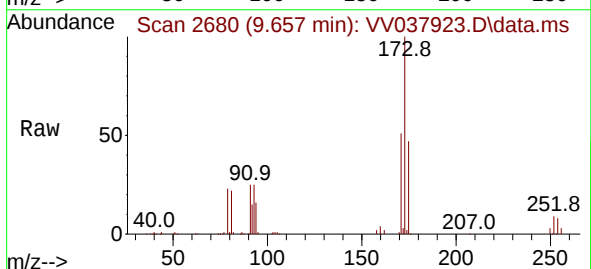
Tgt Ion: 173 Resp: 110898

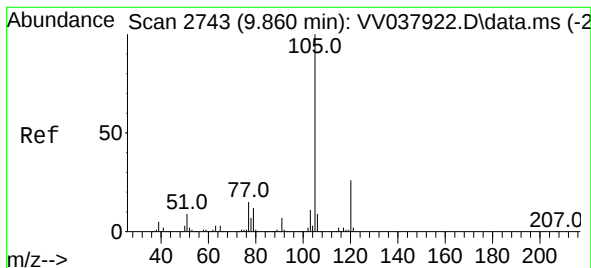
Ion Ratio Lower Upper

173 100

175 47.6 38.0 57.0

254 8.4 6.9 10.3





#60

Isopropylbenzene

Concen: 11.130 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037923.D

Acq: 06 Nov 2024 11:41

Instrument :

MSVOA_V

ClientSampleId :

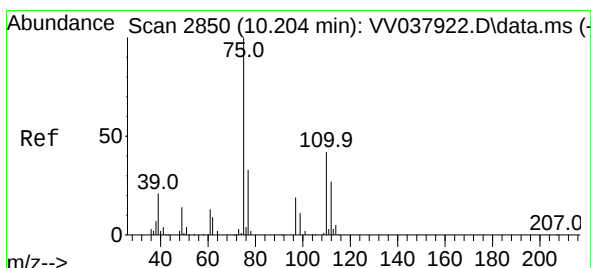
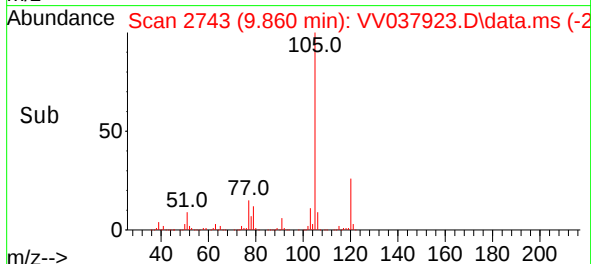
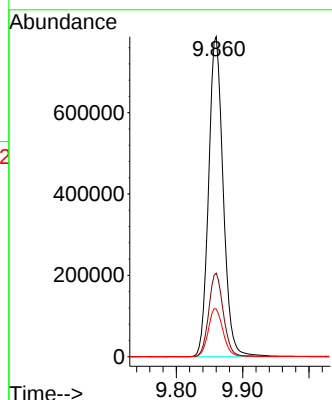
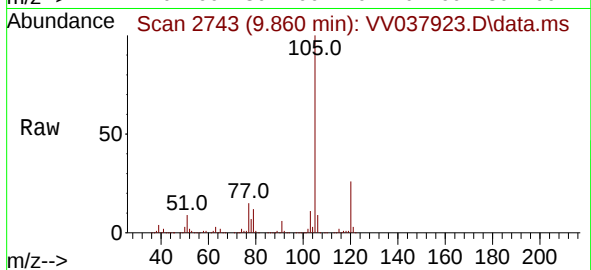
Tgt Ion:105 Resp: 1201062

Ion Ratio Lower Upper

105 100

120 26.2 21.0 31.4

77 15.2 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 10.378 ug/L

RT: 10.201 min Scan# 2849

Delta R.T. -0.003 min

Lab File: VV037923.D

Acq: 06 Nov 2024 11:41

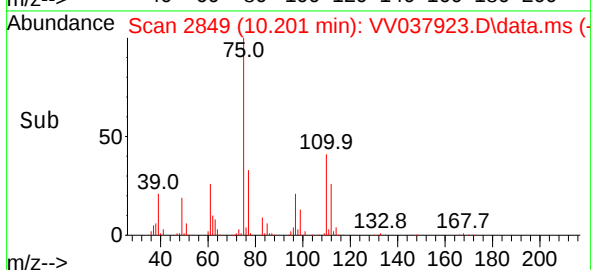
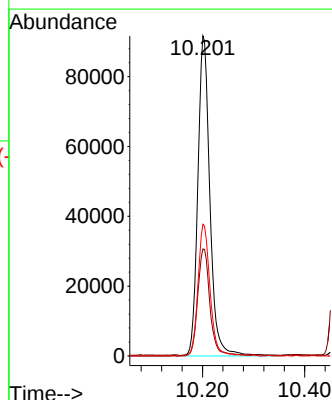
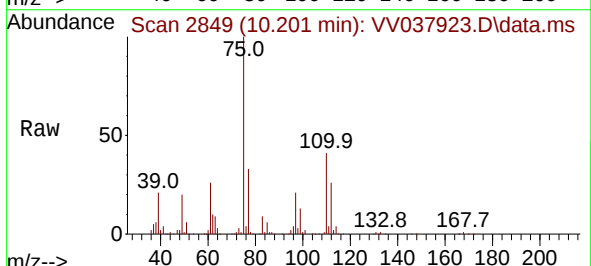
Tgt Ion: 75 Resp: 150281

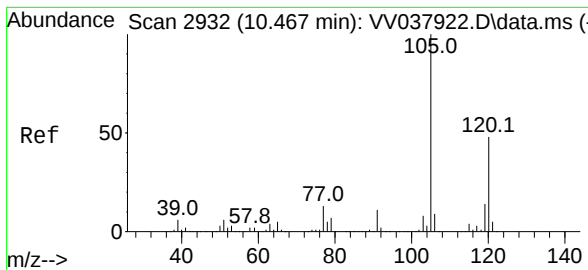
Ion Ratio Lower Upper

75 100

77 32.9 24.9 37.3

110 40.8 33.5 50.3

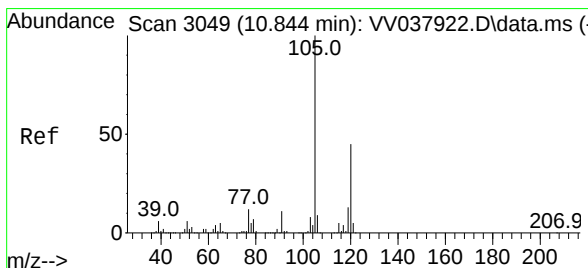
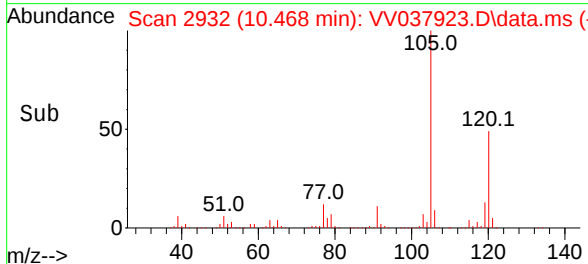
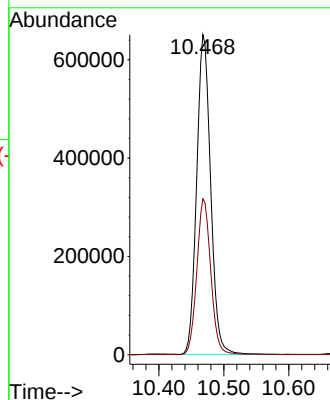
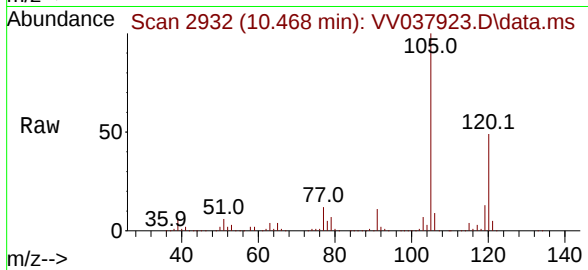




#62
 1,3,5-Trimethylbenzene
 Concen: 11.471 ug/L
 RT: 10.468 min Scan# 2932
 Delta R.T. 0.000 min
 Lab File: VV037923.D
 Acq: 06 Nov 2024 11:41

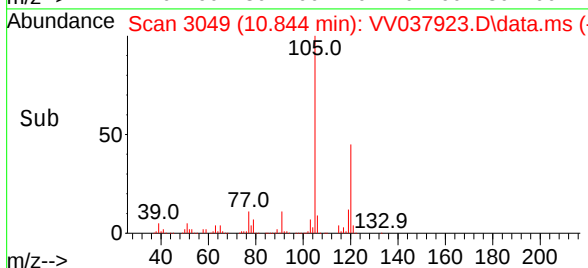
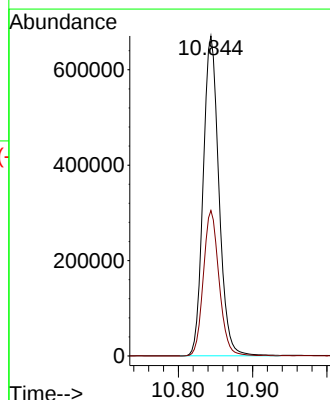
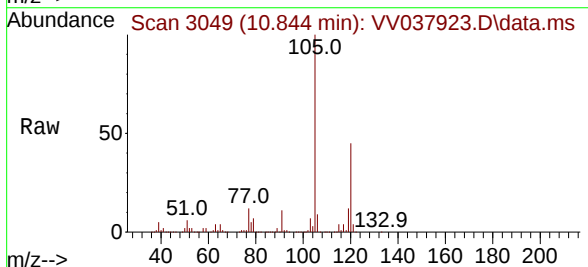
Instrument :
 MSVOA_V
 ClientSampleId :

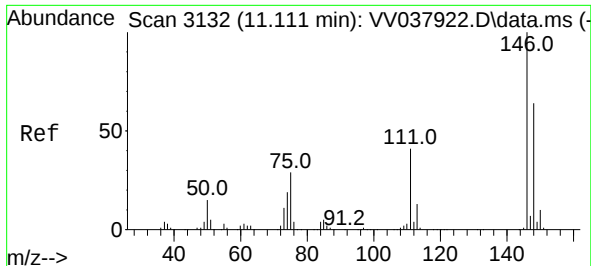
Tgt Ion:105 Resp: 973295
 Ion Ratio Lower Upper
 105 100
 120 48.8 39.0 58.6



#63
 1,2,4-Trimethylbenzene
 Concen: 11.780 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. 0.000 min
 Lab File: VV037923.D
 Acq: 06 Nov 2024 11:41

Tgt Ion:105 Resp: 986111
 Ion Ratio Lower Upper
 105 100
 120 45.4 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 10.588 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037923.D

Acq: 06 Nov 2024 11:41

Instrument :

MSVOA_V

ClientSampleId :

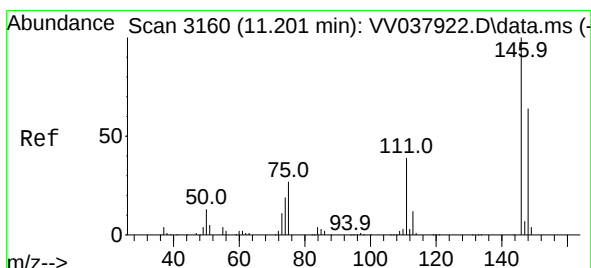
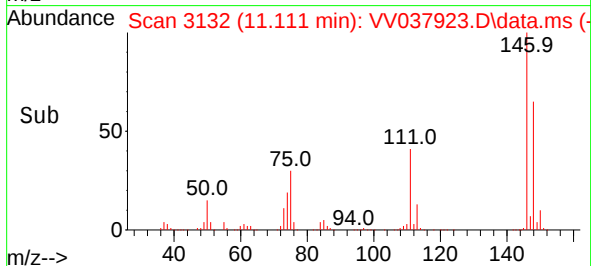
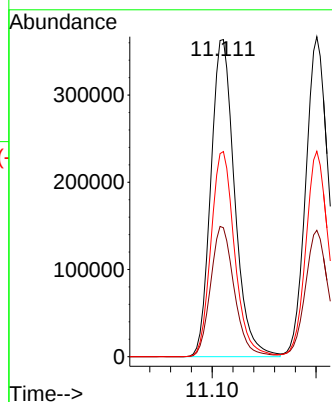
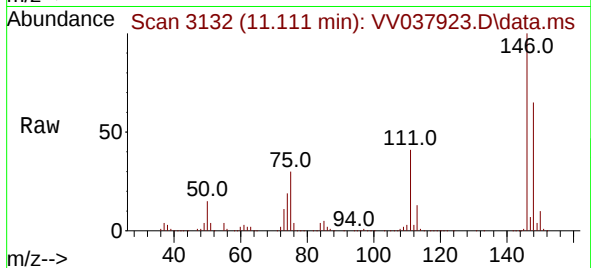
Tgt Ion:146 Resp: 578463

Ion Ratio Lower Upper

146 100

111 40.7 28.7 53.3

148 64.7 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 10.357 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037923.D

Acq: 06 Nov 2024 11:41

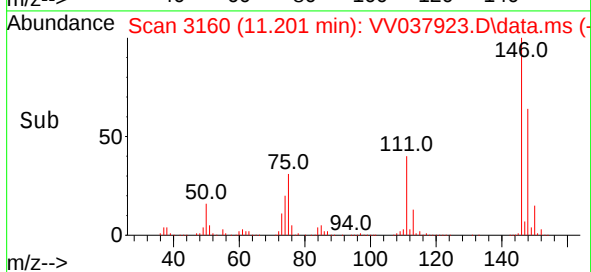
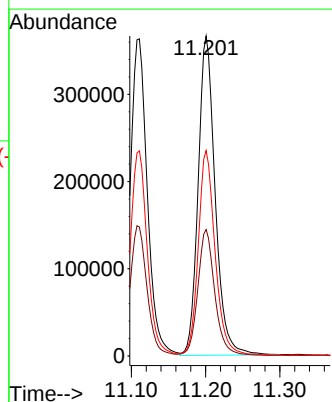
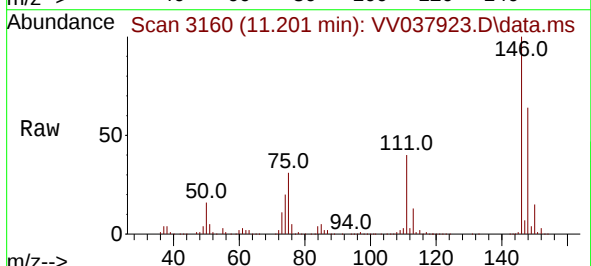
Tgt Ion:146 Resp: 584373

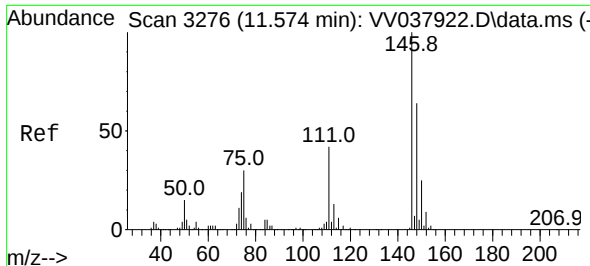
Ion Ratio Lower Upper

146 100

111 39.5 27.6 51.2

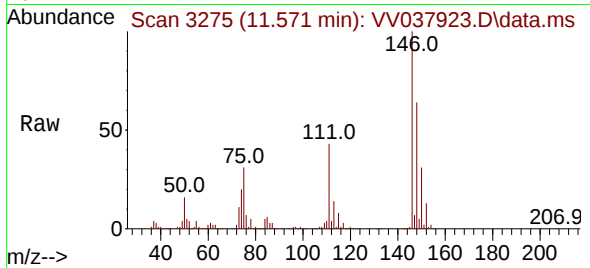
148 64.2 44.4 82.4



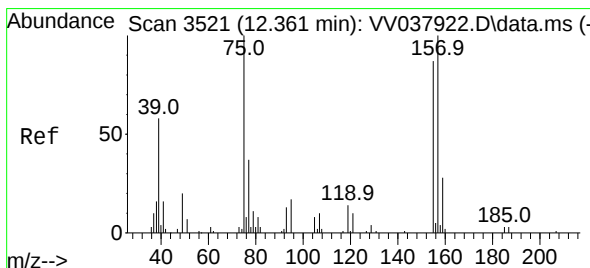
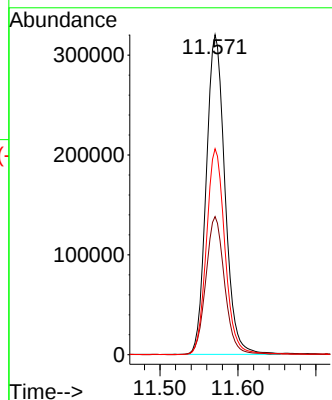
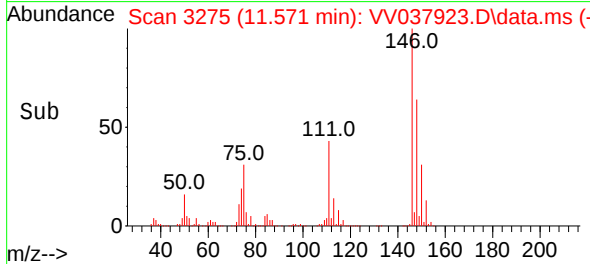


#67
1,2-Dichlorobenzene
Concen: 10.552 ug/L
RT: 11.571 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41

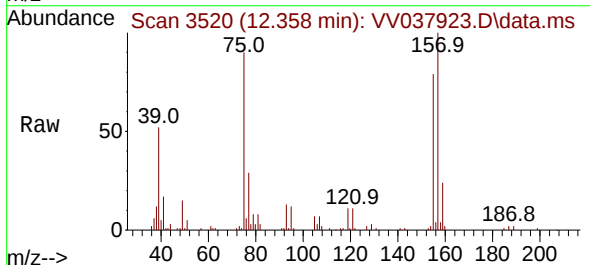
Instrument :
MSVOA_V
ClientSampleId :



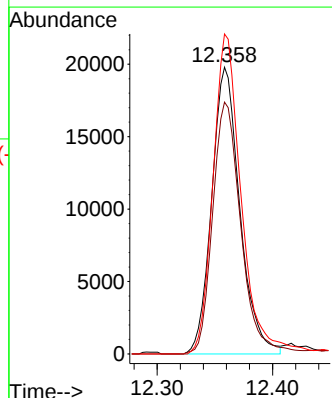
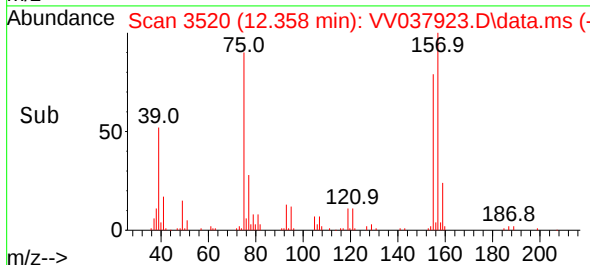
Tgt Ion:146 Resp: 533146
Ion Ratio Lower Upper
146 100
111 43.2 33.9 50.9
148 64.3 51.4 77.2

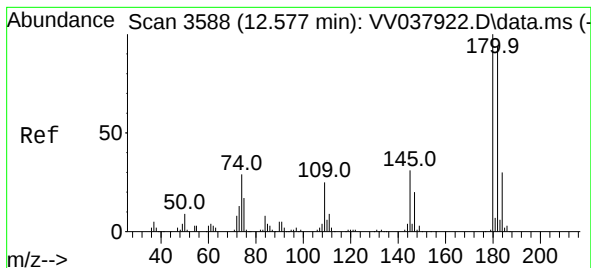


#68
1,2-Dibromo-3-chloropropane
Concen: 10.650 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. -0.003 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41



Tgt Ion: 75 Resp: 33481
Ion Ratio Lower Upper
75 100
155 87.8 70.2 105.2
157 111.6 80.2 120.4





#69

1,3,5-Trichlorobenzene

Concen: 10.786 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.003 min

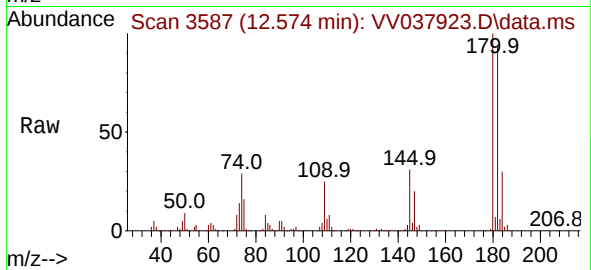
Lab File: VV037923.D

Acq: 06 Nov 2024 11:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 415920

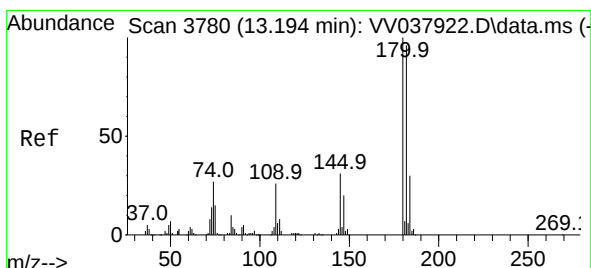
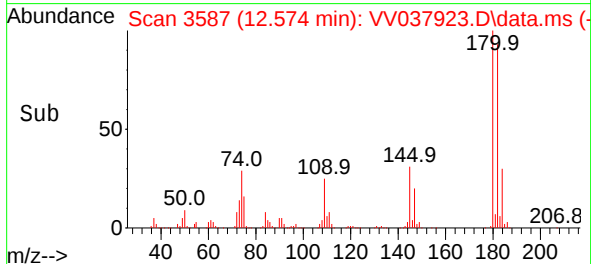
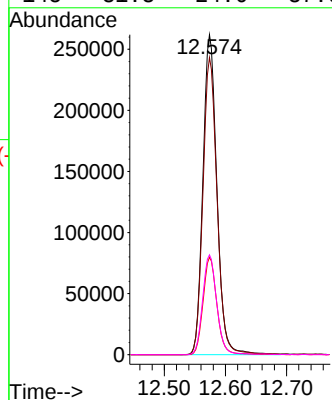
Ion Ratio Lower Upper

180 100

182 93.9 76.2 114.4

184 29.7 24.1 36.1

145 31.3 24.6 37.0



#70

1,2,4-trichlorobenzene

Concen: 11.443 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.003 min

Lab File: VV037923.D

Acq: 06 Nov 2024 11:41

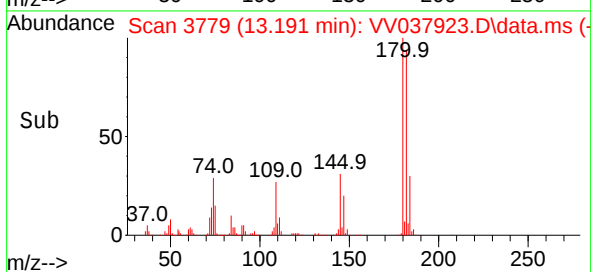
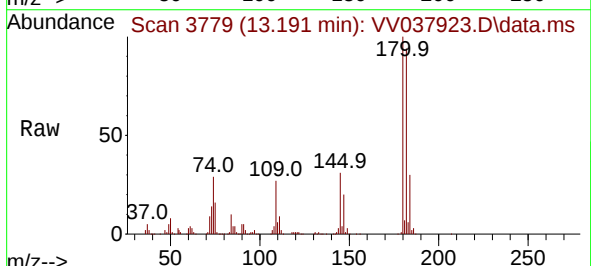
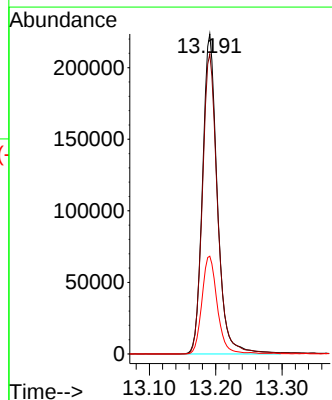
Tgt Ion:180 Resp: 346487

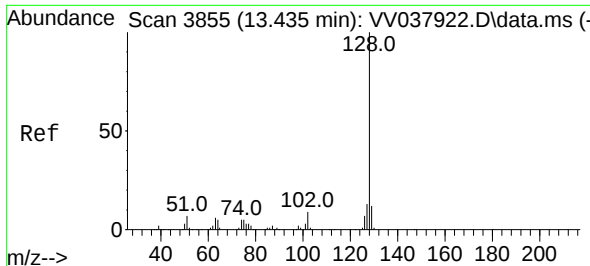
Ion Ratio Lower Upper

180 100

182 95.8 74.8 112.2

145 31.4 25.4 38.0

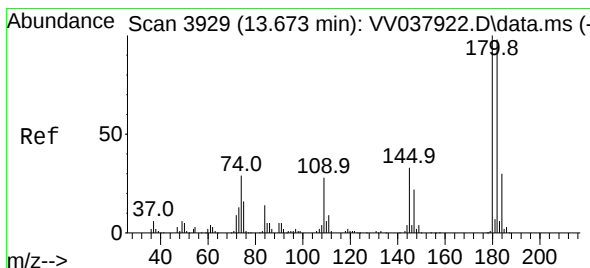
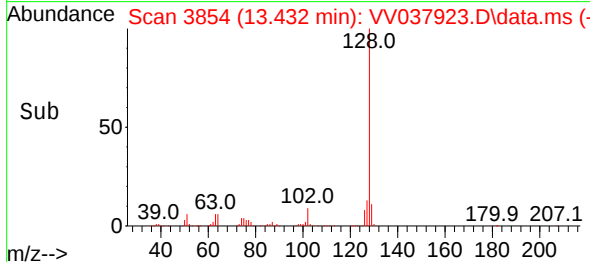
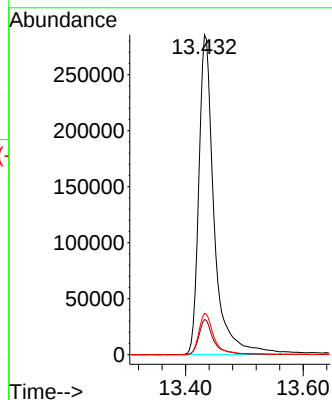
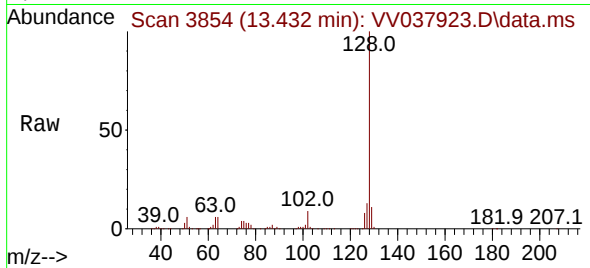




#71
Naphthalene
Concen: 12.561 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. -0.003 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 514680
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 12.6 9.9 14.9



#72
1,2,3-Trichlorobenzene
Concen: 11.672 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. 0.000 min
Lab File: VV037923.D
Acq: 06 Nov 2024 11:41

Tgt Ion:180 Resp: 304695
Ion Ratio Lower Upper
180 100
182 95.3 79.4 119.0
145 34.2 26.6 40.0

