

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091024\
 Data File : VV037246.D
 Acq On : 10 Sep 2024 14:20
 Operator : SY/MD
 Sample : P3391-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 11 05:09:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 04:56:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	343478	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	351015	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	168424	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	80505	3.995	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.529	69	87120	4.147	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.053	65	42897	4.122	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	3.841	46	254626	42.281	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.560%
24) Chloroform-d	4.243	84	202500	4.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	4.941	65	97369	4.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	4.954	84	396688	4.215	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	5.986	67	130519	4.459	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.240	98	340699	4.018	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	7.558	79	36592	3.801	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.027	63	189874	40.367	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.740%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	97874	4.103	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	11.558	152	126859	4.237	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	7100	0.223	ug/L	94
3) Chloromethane	1.214	50	8022	0.236	ug/L	94
5) Vinyl chloride	1.278	62	7529	0.225	ug/L #	77
6) Bromomethane	1.484	94	5016	0.250	ug/L	97
8) Chloroethane	1.545	64	4554	0.226	ug/L #	82
9) Trichlorofluoromethane	1.709	101	9464	0.227	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	6521	0.259	ug/L	88
12) 1,1-Dichloroethene	2.063	96	6214	0.258	ug/L #	1
13) Acetone	2.211	43	656	0.156	ug/L	68
14) Carbon disulfide	2.233	76	16495	0.217	ug/L	96
15) Methyl Acetate	2.391	43	499	0.052	ug/L #	29
16) Methylene chloride	2.442	84	7947	0.287	ug/L	80
17) Methyl tert-butyl Ether	2.709	73	12681	0.222	ug/L #	95
18) trans-1,2-Dichloroethene	2.696	96	5510	0.218	ug/L #	89
19) 1,1-Dichloroethane	3.111	63	10007	0.207	ug/L	97
21) 2-Butanone	3.928	43	2983	0.468	ug/L	83
22) cis-1,2-Dichloroethene	3.819	96	5647	0.206	ug/L	95
23) Bromochloromethane	4.153	128	1378	0.116	ug/L	95
25) Chloroform	4.275	83	13134	0.270	ug/L	97

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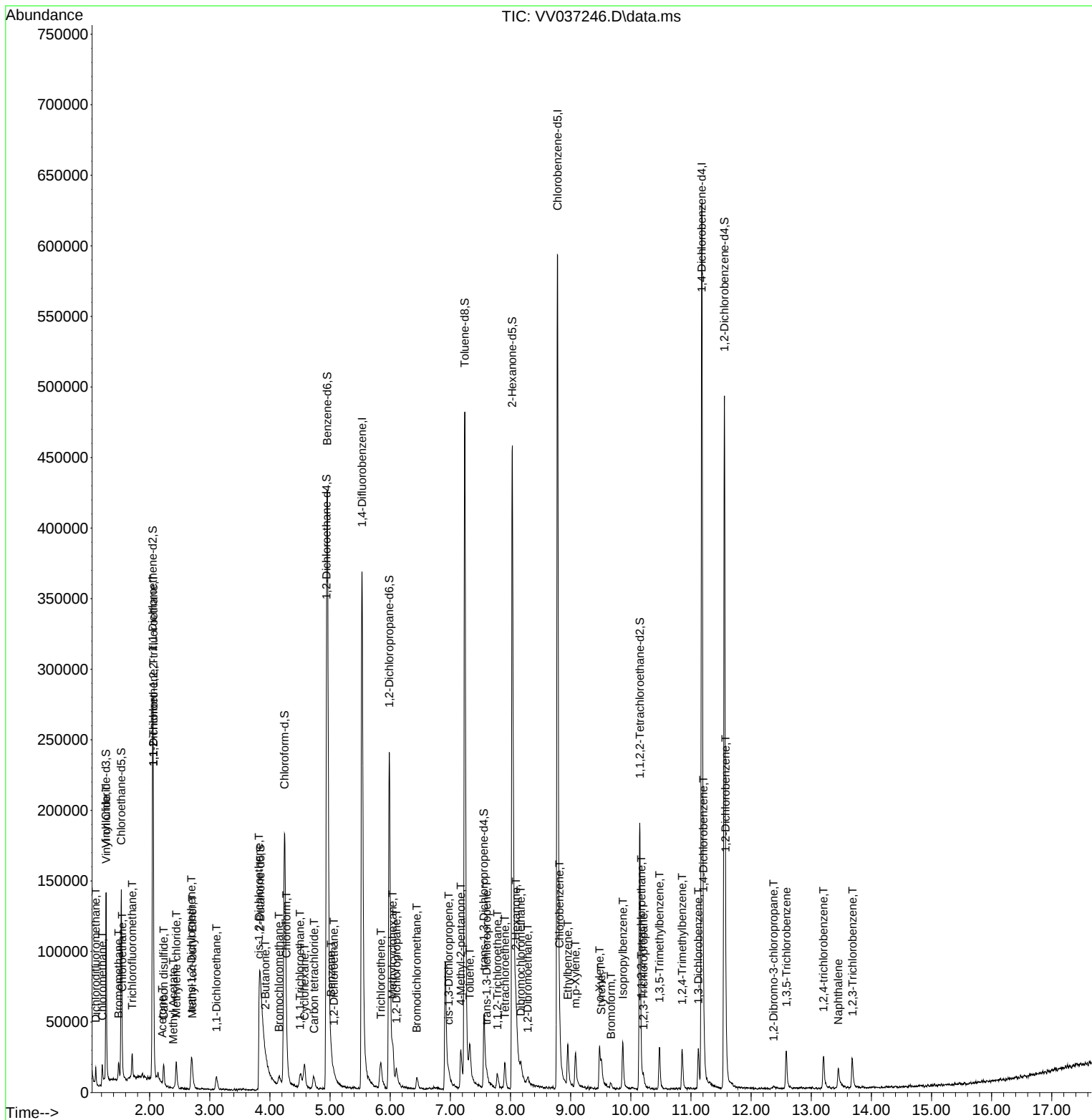
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 MSVOA_V
 ClientSampleId :

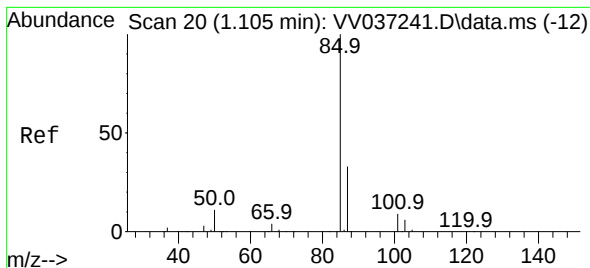
Quant Time: Sep 11 05:09:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 04:56:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.063	62	4850	0.176	ug/L	95
29) 1,1,1-Trichloroethane	4.500	97	4300	0.103	ug/L #	19
30) Cyclohexane	4.577	56	8223	0.204	ug/L	94
31) Carbon tetrachloride	4.735	117	6809	0.192	ug/L	96
33) Benzene	5.015	78	22468	0.212	ug/L	100
34) Trichloroethene	5.847	95	5129	0.180	ug/L	92
35) Methylcyclohexane	6.040	83	8695	0.201	ug/L	95
37) 1,2-Dichloropropane	6.101	63	4445	0.165	ug/L	100
38) Bromodichloromethane	6.442	83	6087	0.181	ug/L #	97
39) cis-1,3-Dichloropropene	6.973	75	6647	0.171	ug/L	89
40) 4-Methyl-2-pentanone	7.175	43	23052	1.496	ug/L #	87
42) Toluene	7.323	91	22542	0.205	ug/L	90
44) trans-1,3-Dichloropropene	7.606	75	6873	0.219	ug/L	90
45) 1,1,2-Trichloroethane	7.783	97	3627	0.188	ug/L	90
47) Tetrachloroethene	7.908	164	4754	0.233	ug/L	95
48) 2-Hexanone	8.092	43	26370	2.342	ug/L #	95
49) Dibromochloromethane	8.172	129	3736	0.185	ug/L	81
50) 1,2-Dibromoethane	8.288	107	3638	0.200	ug/L #	98
51) Chlorobenzene	8.815	112	15236	0.208	ug/L	94
52) Ethylbenzene	8.953	91	22631	0.184	ug/L	99
53) m,p-Xylene	9.082	106	9258	0.205	ug/L	96
54) o-Xylene	9.481	106	8349	0.187	ug/L	88
55) Styrene	9.510	104	12803	0.169	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	5085	0.219	ug/L #	85
59) Bromoform	9.670	173	1958	0.199	ug/L #	90
60) Isopropylbenzene	9.870	105	23197	0.206	ug/L	96
61) 1,2,3-Trichloropropane	10.214	75	3192	0.208	ug/L #	83
62) 1,3,5-Trimethylbenzene	10.477	105	18556	0.208	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	17031	0.190	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	12025	0.226	ug/L	96
65) 1,4-Dichlorobenzene	11.207	146	12611	0.231	ug/L	93
67) 1,2-Dichlorobenzene	11.577	146	12644	0.256	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.374	75	397	0.125	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.587	180	8987	0.236	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	7800	0.249	ug/L	99
71) Naphthalene	13.448	128	14087	0.295	ug/L #	91
72) 1,2,3-Trichlorobenzene	13.686	180	6865	0.265	ug/L	97

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

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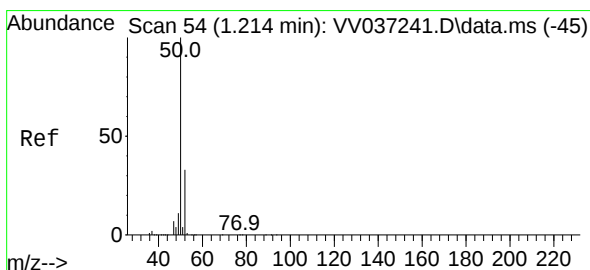
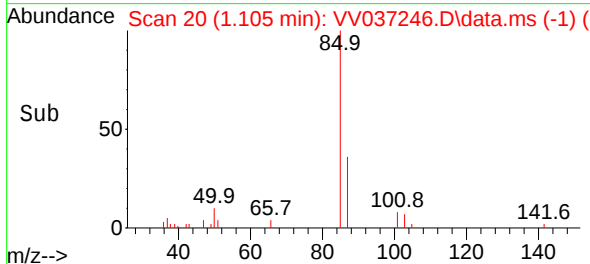
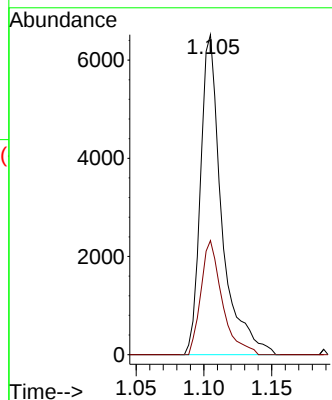
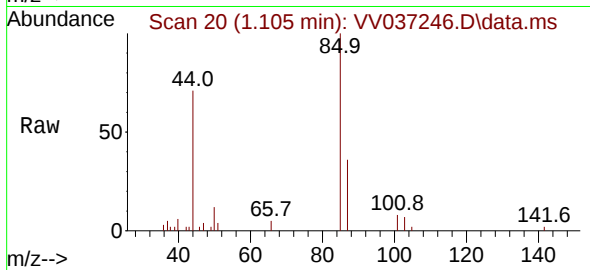




#2
 Dichlorodifluoromethane
 Concen: 0.223 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV037246.D
 Acq: 10 Sep 2024 14:20

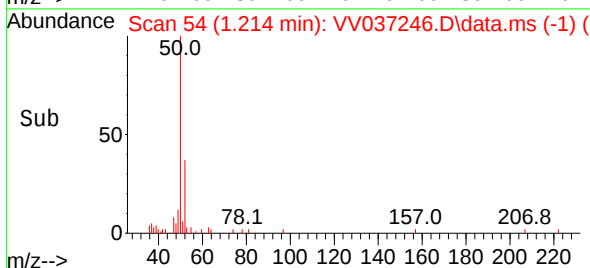
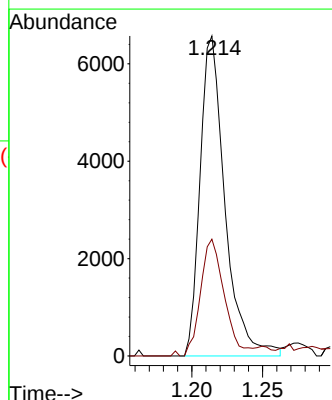
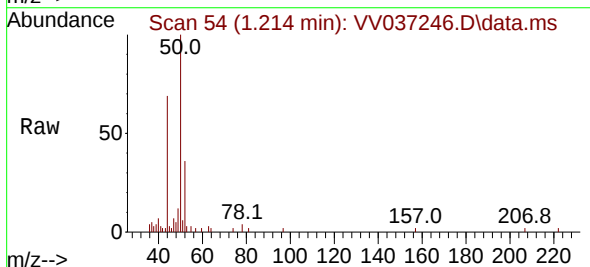
Instrument :
 MSVOA_V
 ClientSampleId :

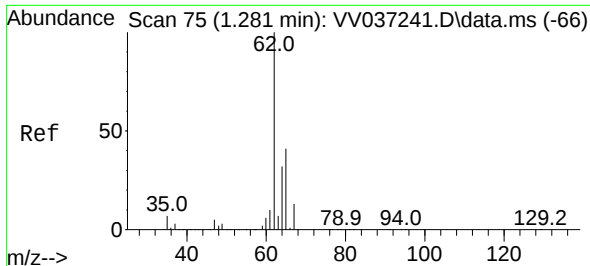
Tgt Ion: 85 Resp: 7100
 Ion Ratio Lower Upper
 85 100
 87 35.8 25.8 38.8



#3
 Chloromethane
 Concen: 0.236 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV037246.D
 Acq: 10 Sep 2024 14:20

Tgt Ion: 50 Resp: 8022
 Ion Ratio Lower Upper
 50 100
 52 36.5 23.3 43.3

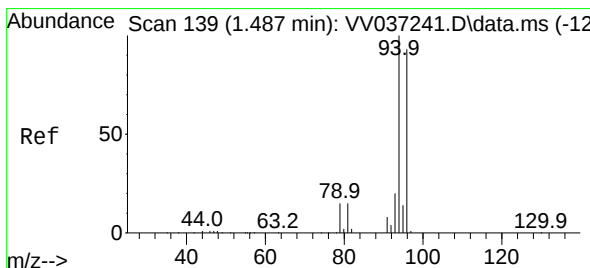
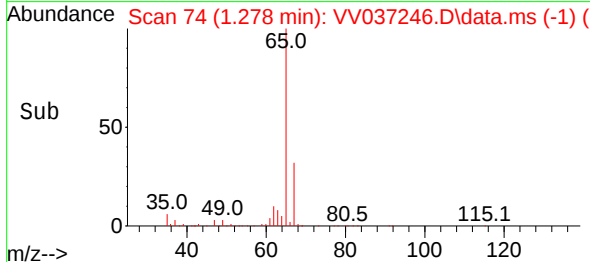
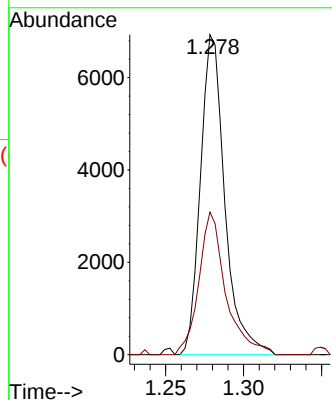
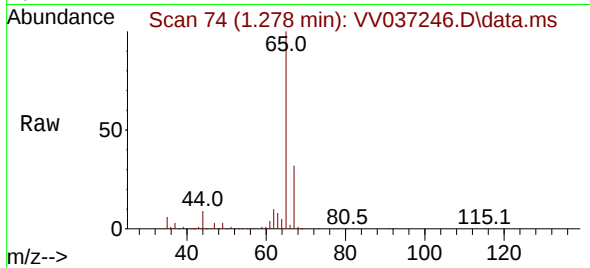




#5
 Vinyl chloride
 Concen: 0.225 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV037246.D
 Acq: 10 Sep 2024 14:20

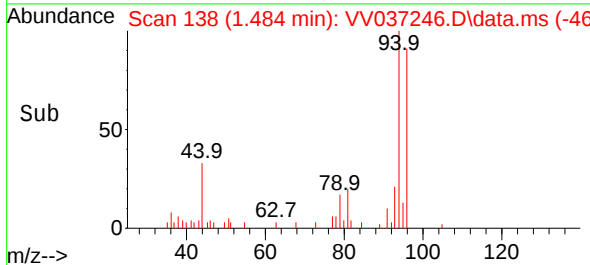
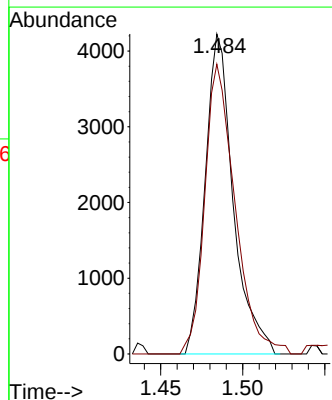
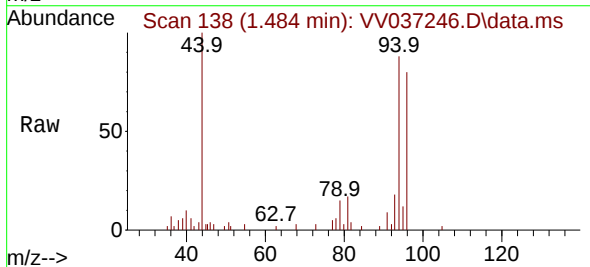
Instrument :
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 ClientSampleId :

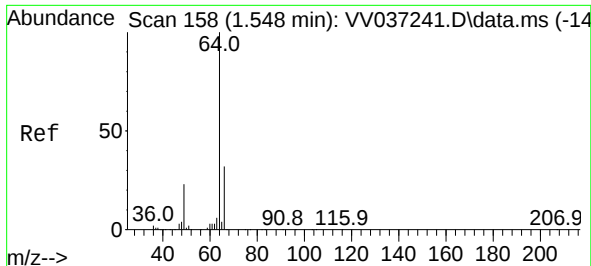
Tgt Ion: 62 Resp: 7529
 Ion Ratio Lower Upper
 62 100
 64 44.6 22.4 41.6#



#6
 Bromomethane
 Concen: 0.250 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV037246.D
 Acq: 10 Sep 2024 14:20

Tgt Ion: 94 Resp: 5016
 Ion Ratio Lower Upper
 94 100
 96 90.5 65.3 121.3

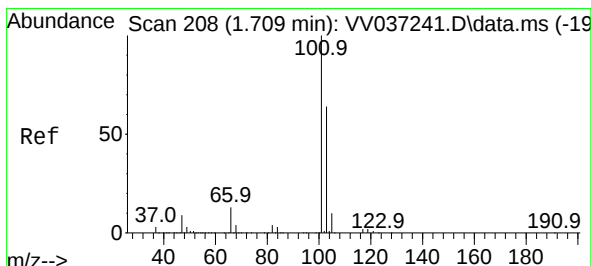
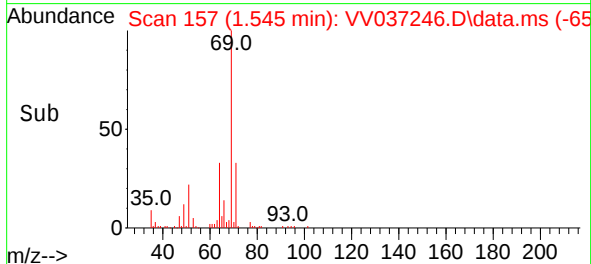
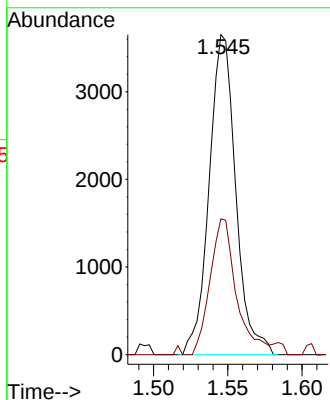
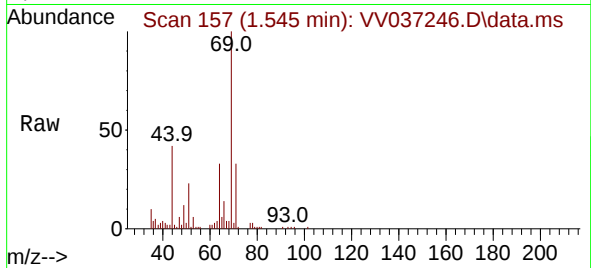




#8
Chloroethane
Concen: 0.226 ug/L
RT: 1.545 min Scan# 158
Delta R.T. -0.003 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

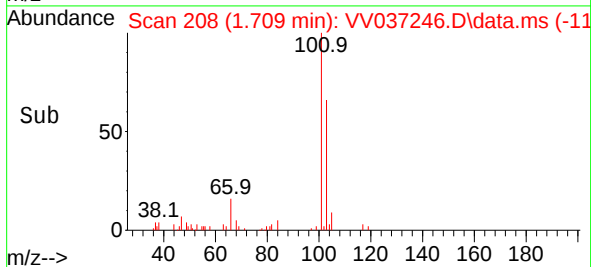
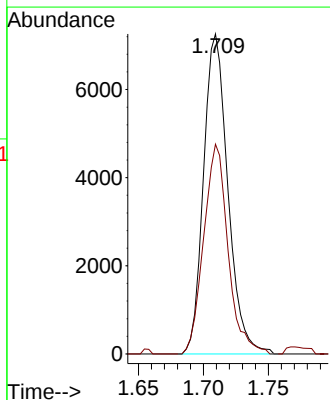
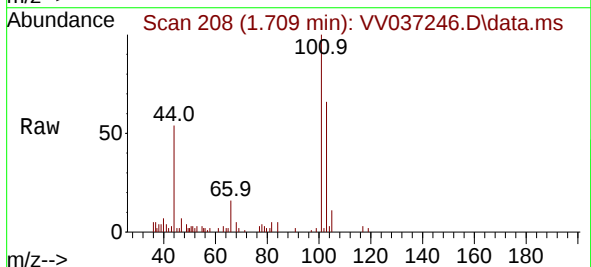
Instrument :
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ClientSampleId :

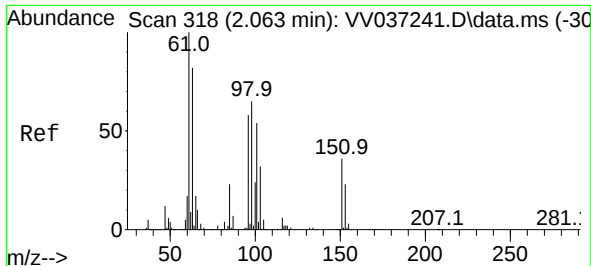
Tgt Ion: 64 Resp: 4554
Ion Ratio Lower Upper
64 100
66 42.4 22.7 42.1#



#9
Trichlorofluoromethane
Concen: 0.227 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Tgt Ion:101 Resp: 9464
Ion Ratio Lower Upper
101 100
103 65.7 51.5 77.3

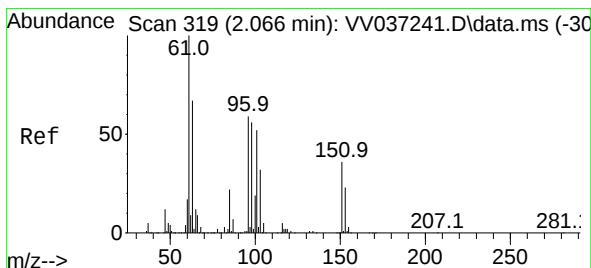
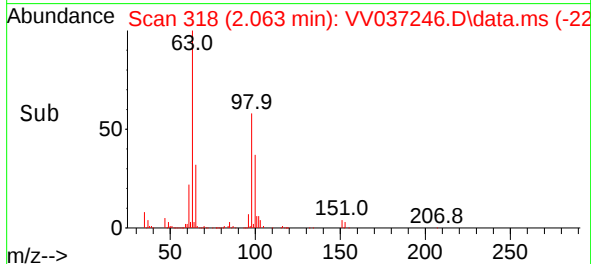
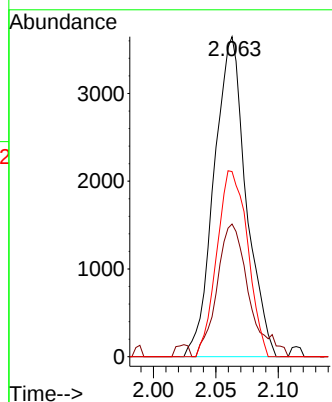
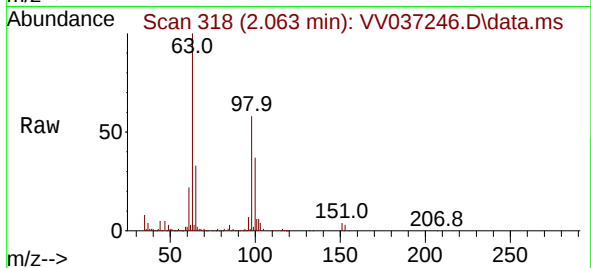




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.259 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

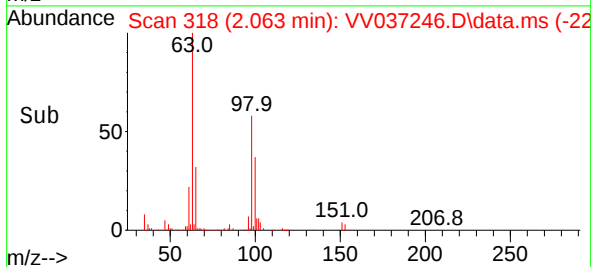
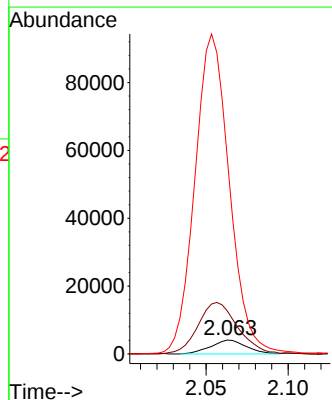
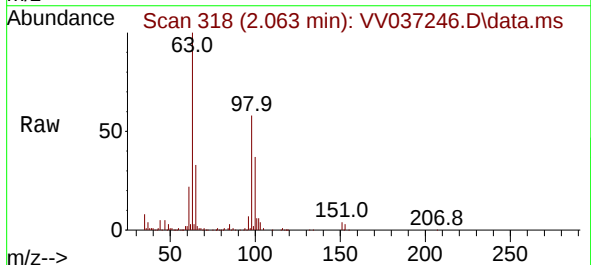
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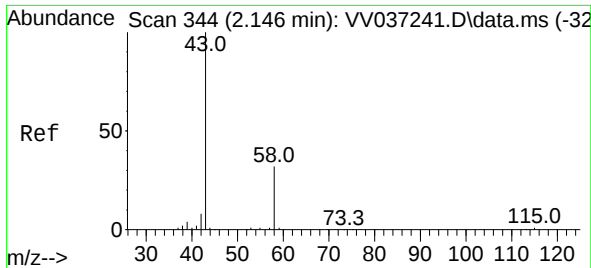
Tgt Ion: 101 Resp: 6521
Ion Ratio Lower Upper
101 100
85 41.1 35.1 52.7
151 55.8 55.3 82.9



#12
1,1-Dichloroethene
Concen: 0.258 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Tgt Ion: 96 Resp: 6214
Ion Ratio Lower Upper
96 100
61 308.1 119.9 222.7#
63 1398.5 81.4 151.2#





#13

Acetone

Concen: 0.156 ug/L

RT: 2.211 min Scan# 3

Delta R.T. 0.064 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_V

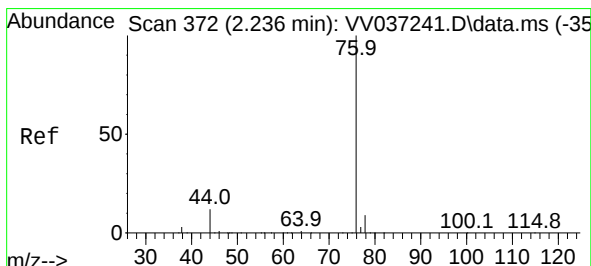
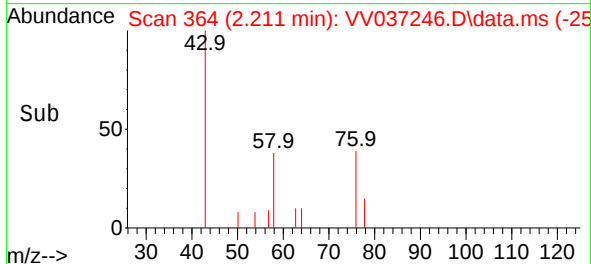
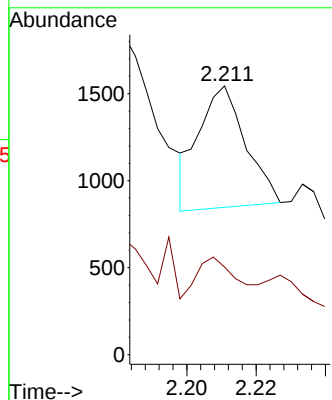
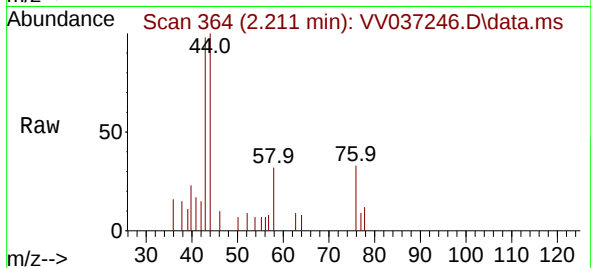
ClientSampleId :

Tgt Ion: 43 Resp: 656

Ion Ratio Lower Upper

43 100

58 15.9 0.0 69.2



#14

Carbon disulfide

Concen: 0.217 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV037246.D

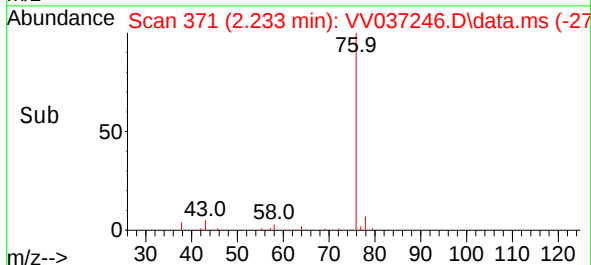
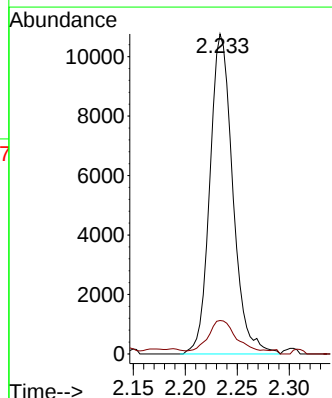
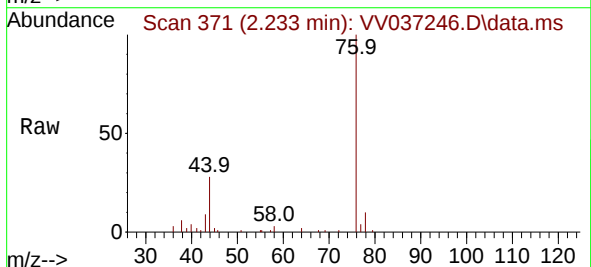
Acq: 10 Sep 2024 14:20

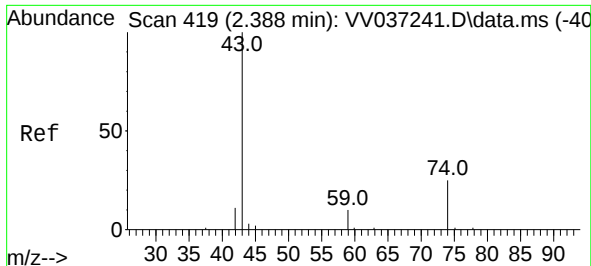
Tgt Ion: 76 Resp: 16495

Ion Ratio Lower Upper

76 100

78 10.5 7.3 10.9





#15

Methyl Acetate

Concen: 0.052 ug/L

RT: 2.391 min Scan# 419

Delta R.T. 0.003 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_V

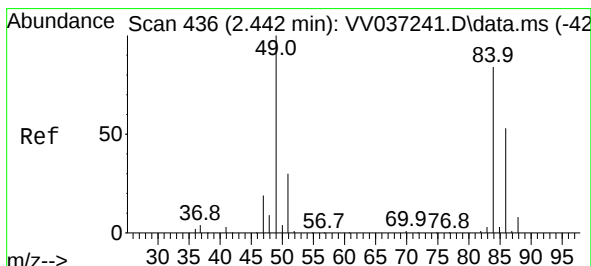
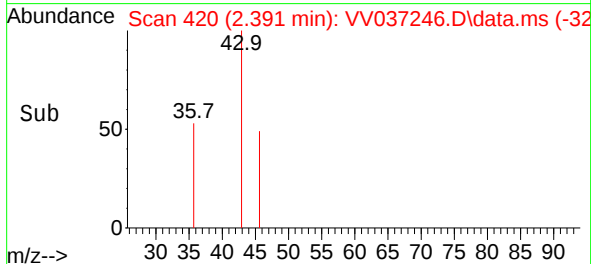
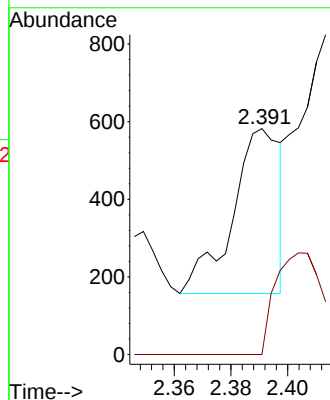
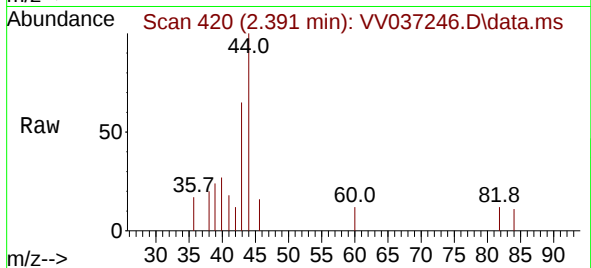
ClientSampleId :

Tgt Ion: 43 Resp: 499

Ion Ratio Lower Upper

43 100

74 62.7 21.0 31.4#



#16

Methylene chloride

Concen: 0.287 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

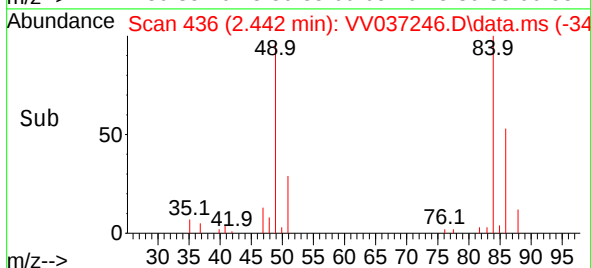
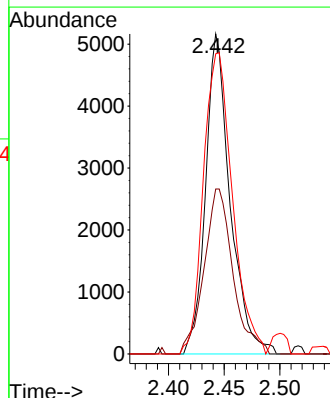
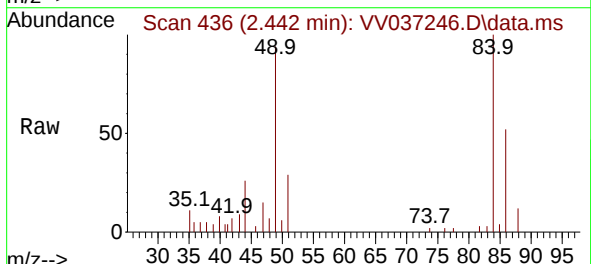
Tgt Ion: 84 Resp: 7947

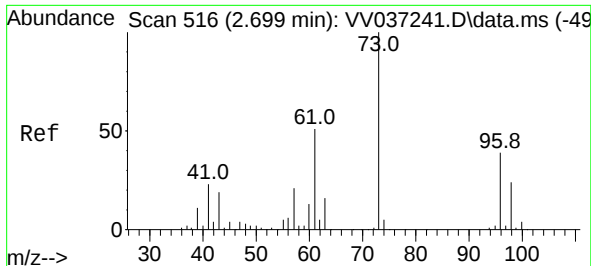
Ion Ratio Lower Upper

84 100

86 51.6 44.0 81.8

49 93.8 83.0 154.1

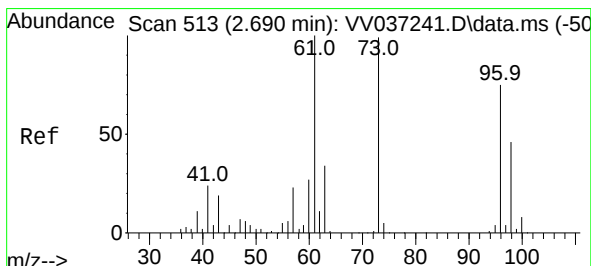
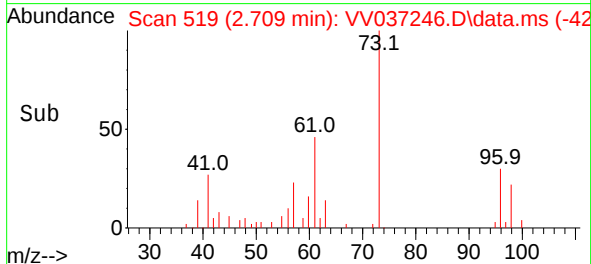
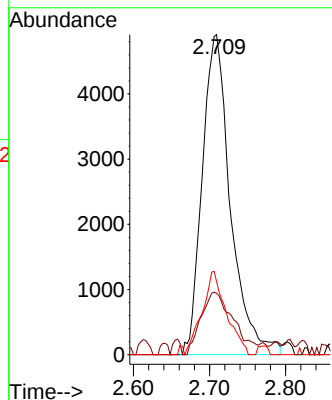
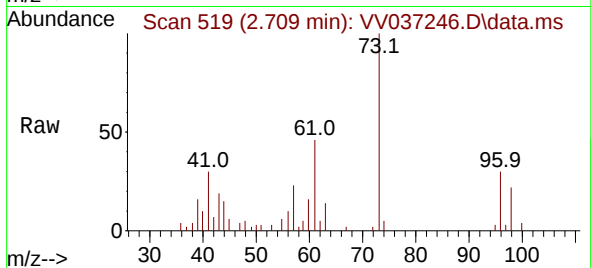




#17
Methyl tert-butyl Ether
Concen: 0.222 ug/L
RT: 2.709 min Scan# 516
Delta R.T. 0.010 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

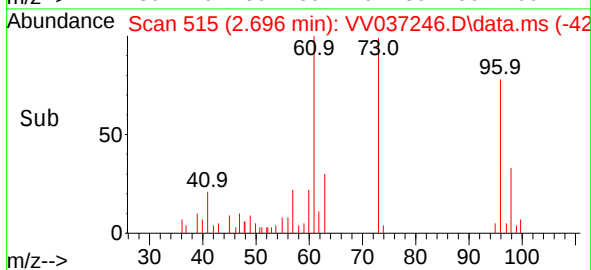
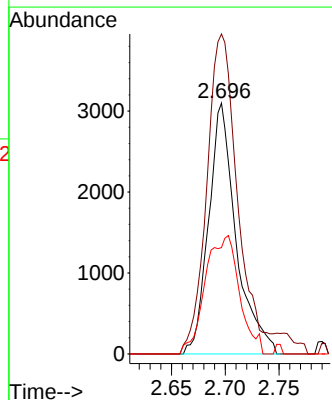
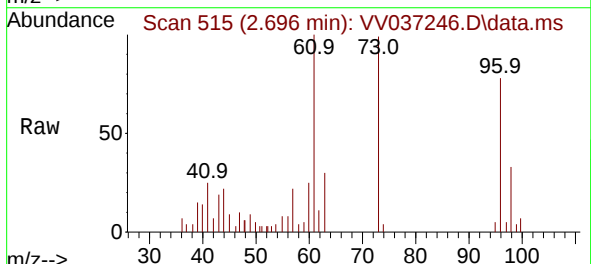
Instrument :
MSVOA_V
ClientSampleId :

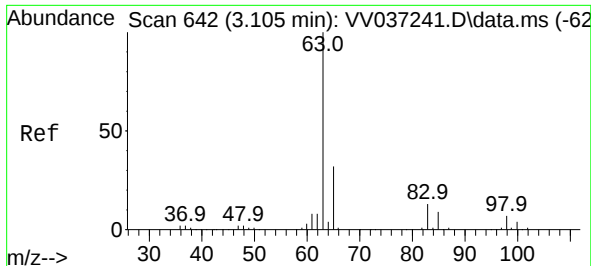
Tgt Ion: 73 Resp: 12681
Ion Ratio Lower Upper
73 100
43 22.5 14.5 21.7#
57 22.4 17.7 26.5



#18
trans-1,2-Dichloroethene
Concen: 0.218 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.007 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

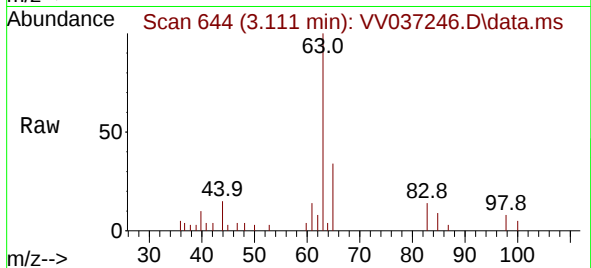
Tgt Ion: 96 Resp: 5510
Ion Ratio Lower Upper
96 100
61 127.6 92.8 172.4
98 42.4 43.0 79.8#



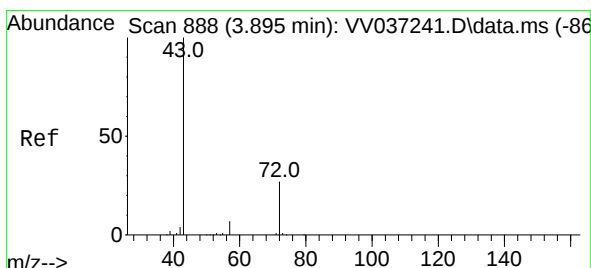
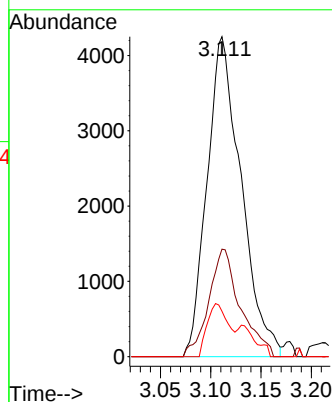
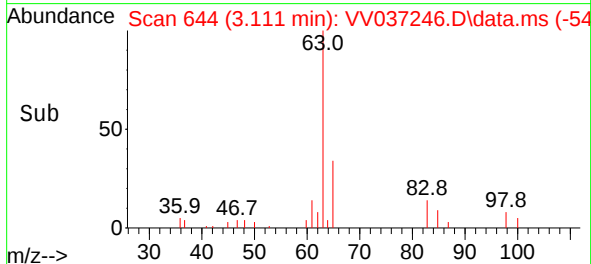


#19
1,1-Dichloroethane
Concen: 0.207 ug/L
RT: 3.111 min Scan# 642
Delta R.T. 0.007 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Instrument :
MSVOA_V
ClientSampleId :

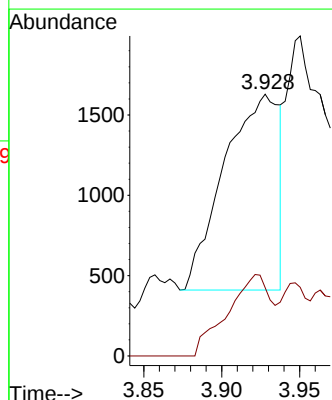
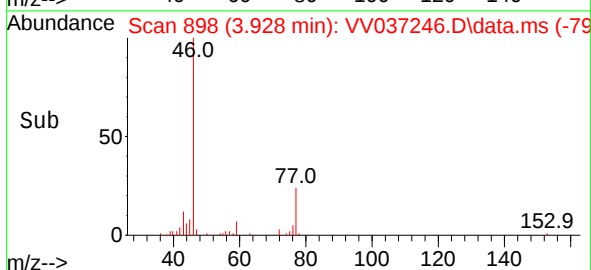
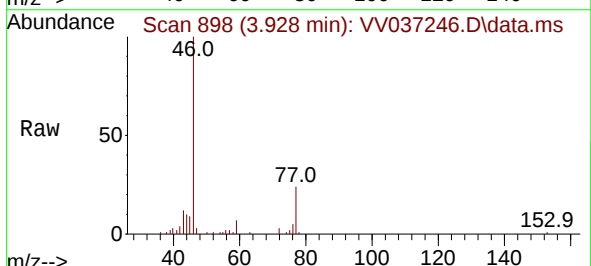


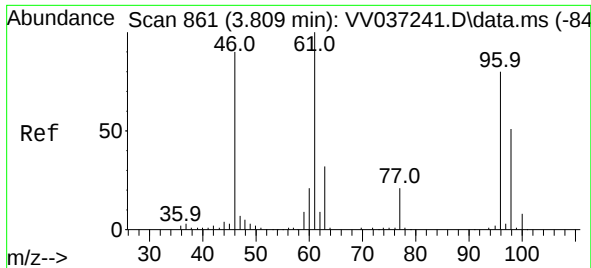
Tgt Ion: 63 Resp: 10007
Ion Ratio Lower Upper
63 100
65 33.6 22.5 41.7
83 14.2 8.9 16.5



#21
2-Butanone
Concen: 0.468 ug/L
RT: 3.928 min Scan# 898
Delta R.T. 0.032 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

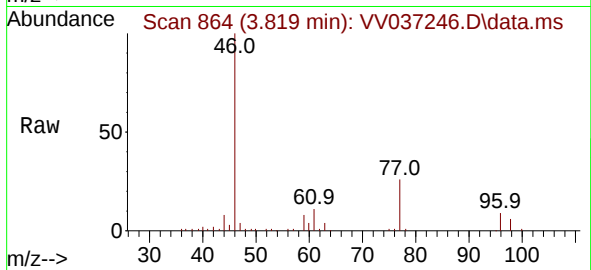
Tgt Ion: 43 Resp: 2983
Ion Ratio Lower Upper
43 100
72 32.7 12.2 36.6





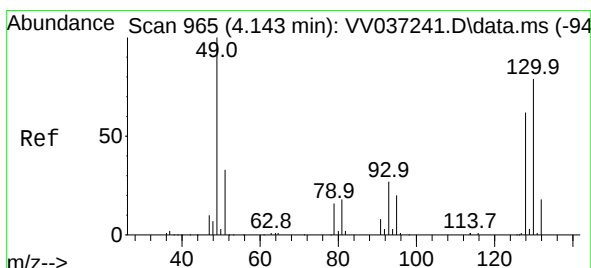
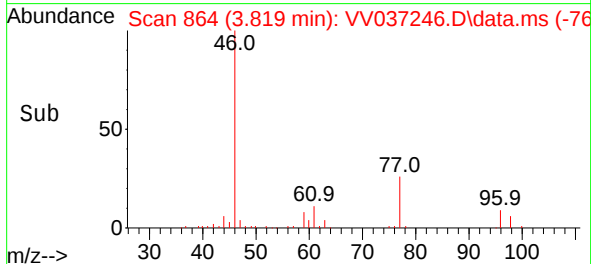
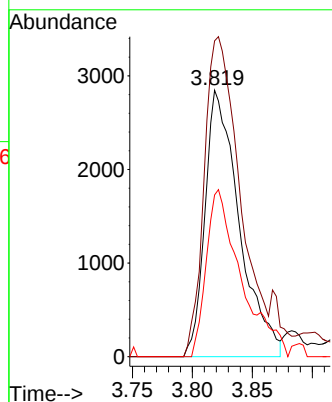
#22
 cis-1,2-Dichloroethene
 Concen: 0.206 ug/L
 RT: 3.819 min Scan# 861
 Delta R.T. 0.010 min
 Lab File: VV037246.D
 Acq: 10 Sep 2024 14:20

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 5647

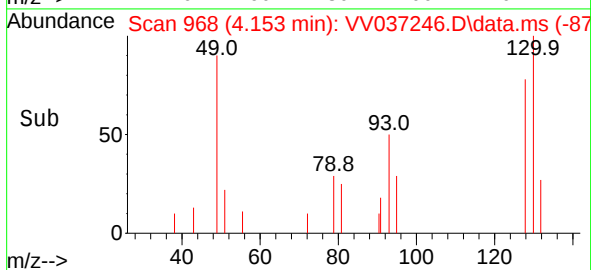
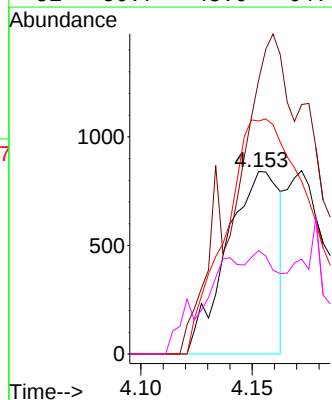
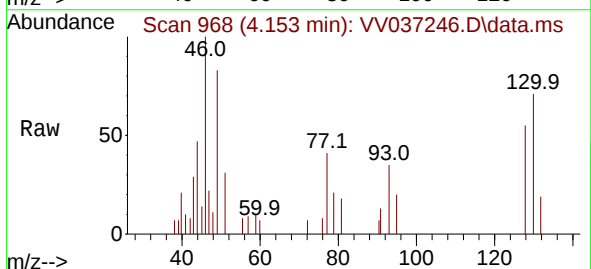
Ion	Ratio	Lower	Upper
96	100		
61	118.5	87.6	162.6
98	60.7	44.9	83.5

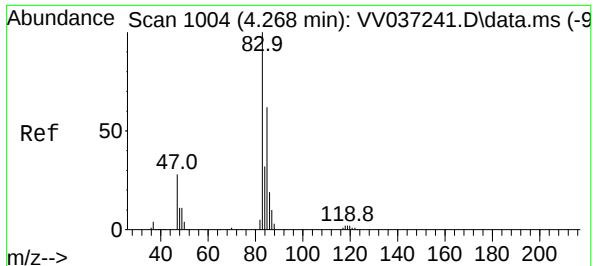


#23
 Bromochloromethane
 Concen: 0.116 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.010 min
 Lab File: VV037246.D
 Acq: 10 Sep 2024 14:20

Tgt Ion: 128 Resp: 1378

Ion	Ratio	Lower	Upper
128	100		
49	150.0	114.0	211.8
130	127.7	89.3	165.9
51	56.7	43.0	64.4





#25

Chloroform

Concen: 0.270 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_V

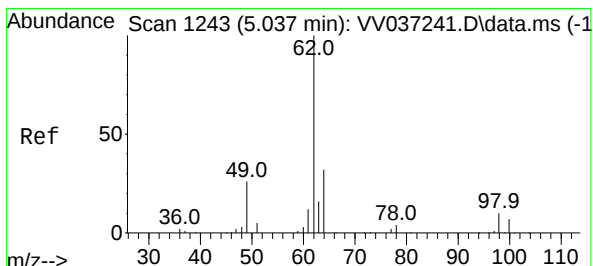
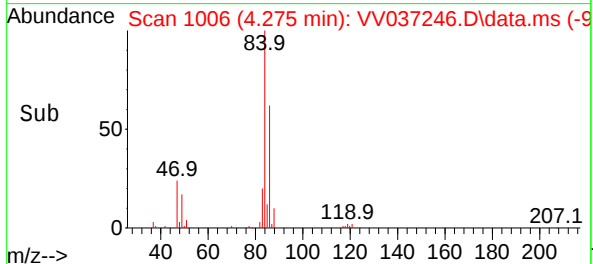
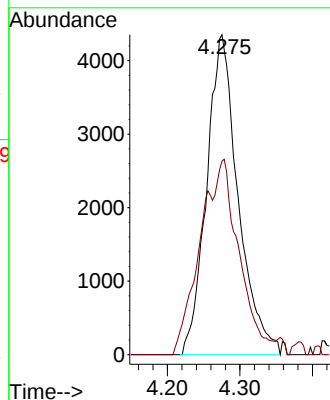
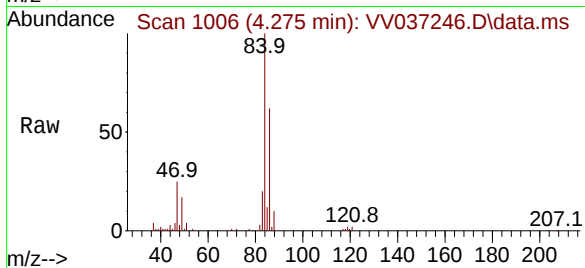
ClientSampleId :

Tgt Ion: 83 Resp: 13134

Ion Ratio Lower Upper

83 100

85 60.5 43.8 81.4



#27

1,2-Dichloroethane

Concen: 0.176 ug/L

RT: 5.063 min Scan# 1251

Delta R.T. 0.026 min

Lab File: VV037246.D

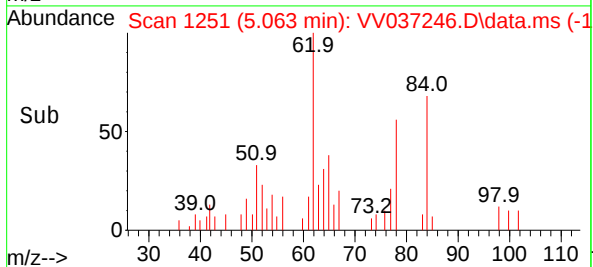
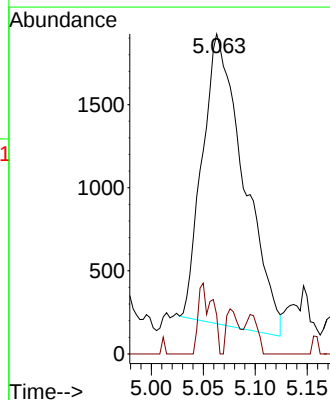
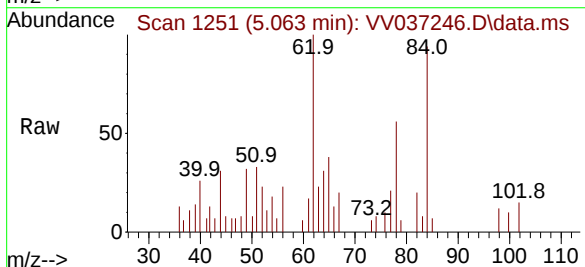
Acq: 10 Sep 2024 14:20

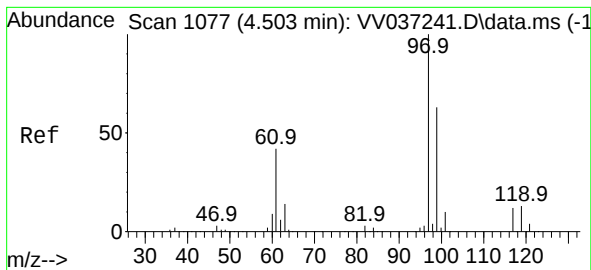
Tgt Ion: 62 Resp: 4850

Ion Ratio Lower Upper

62 100

98 12.2 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 0.103 ug/L

RT: 4.500 min Scan# 1100

Delta R.T. -0.003 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_V

ClientSampleId :

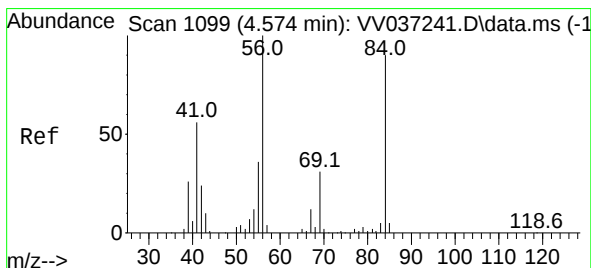
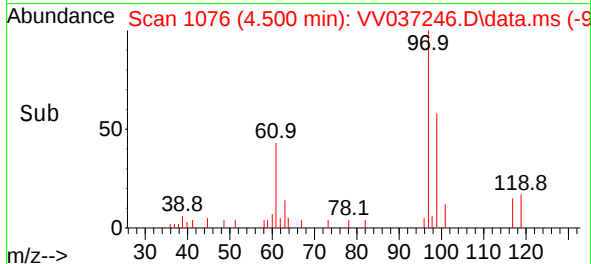
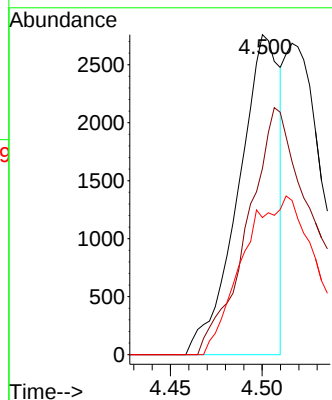
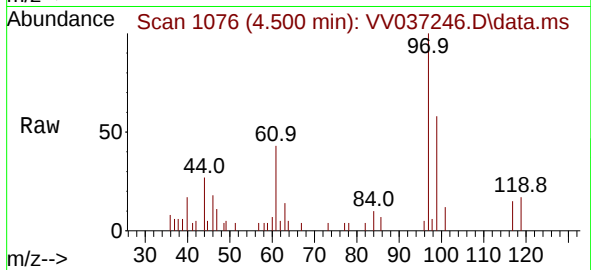
Tgt Ion: 97 Resp: 4300

Ion Ratio Lower Upper

97 100

99 127.9 50.0 75.0#

61 91.4 34.3 51.5#



#30

Cyclohexane

Concen: 0.204 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

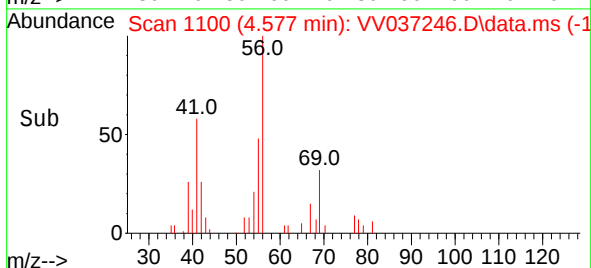
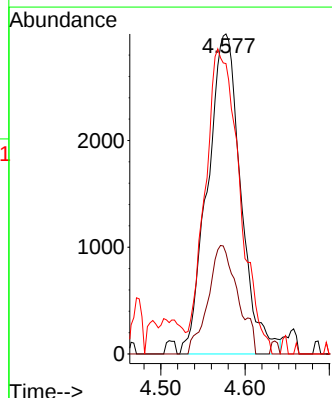
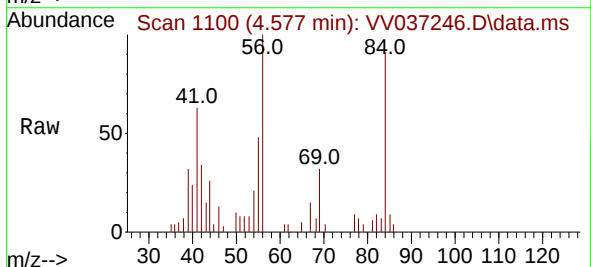
Tgt Ion: 56 Resp: 8223

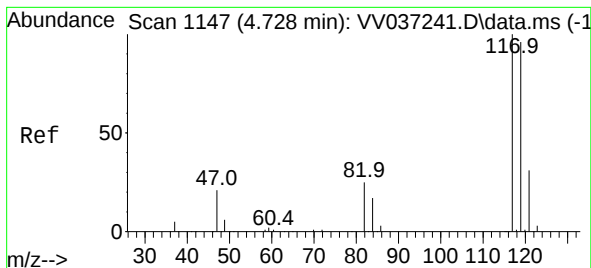
Ion Ratio Lower Upper

56 100

69 30.2 24.1 36.1

84 98.9 73.1 109.7





#31

Carbon tetrachloride

Concen: 0.192 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. 0.007 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_V

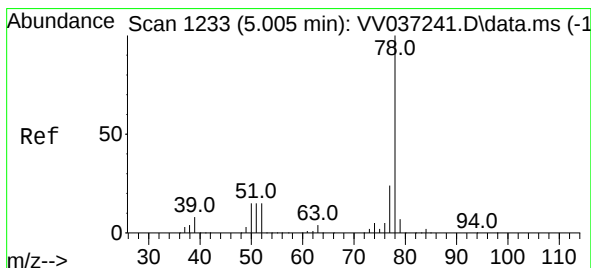
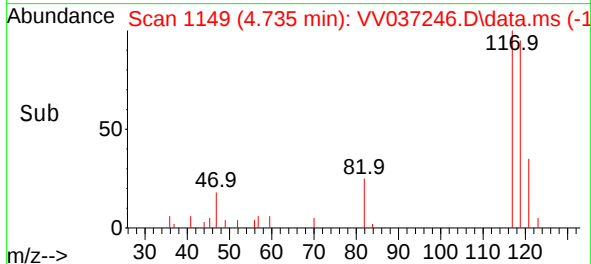
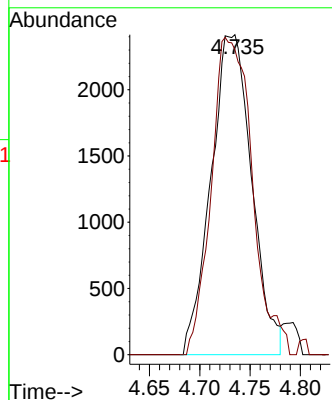
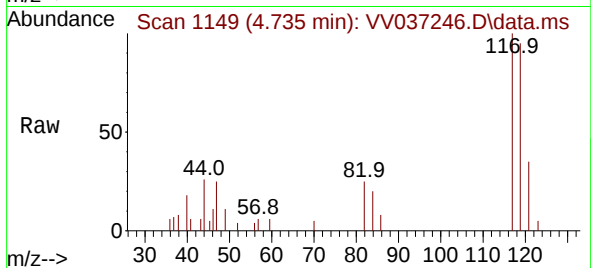
ClientSampleId :

Tgt Ion:117 Resp: 6809

Ion Ratio Lower Upper

117 100

119 99.1 76.2 114.4



#33

Benzene

Concen: 0.212 ug/L

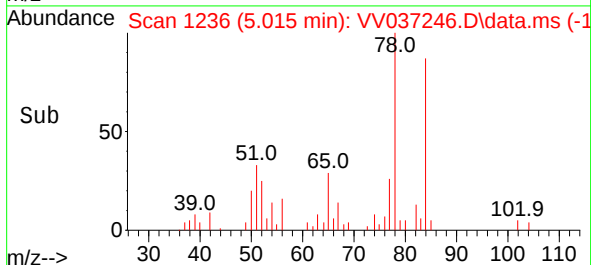
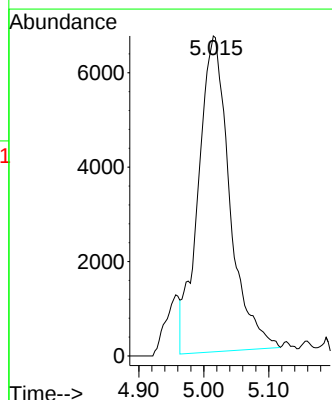
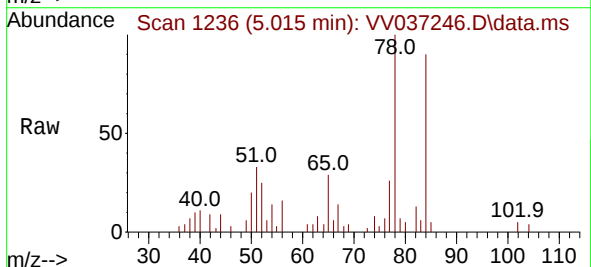
RT: 5.015 min Scan# 1236

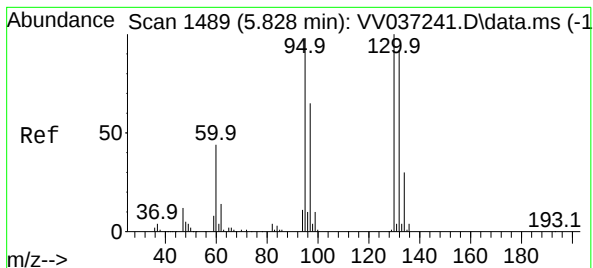
Delta R.T. 0.010 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Tgt Ion: 78 Resp: 22468





#34

Trichloroethene

Concen: 0.180 ug/L

RT: 5.847 min Scan# 1489

Delta R.T. 0.019 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 5129

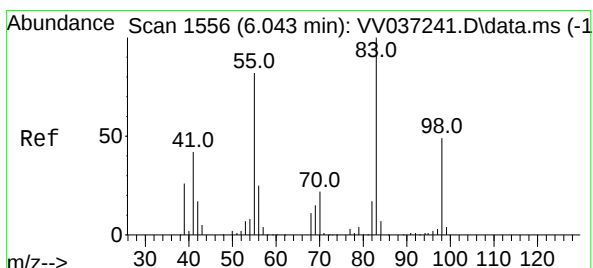
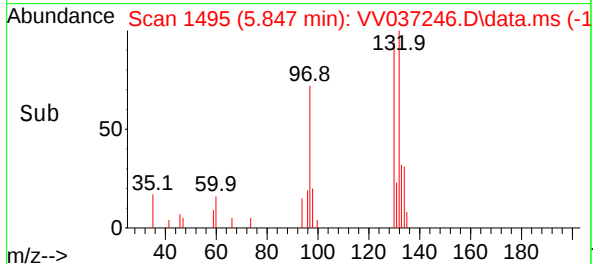
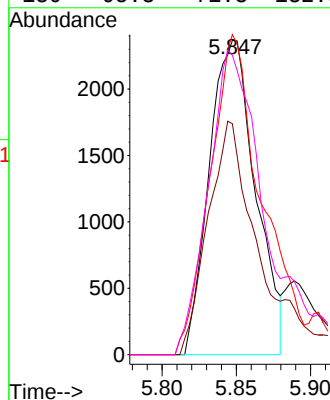
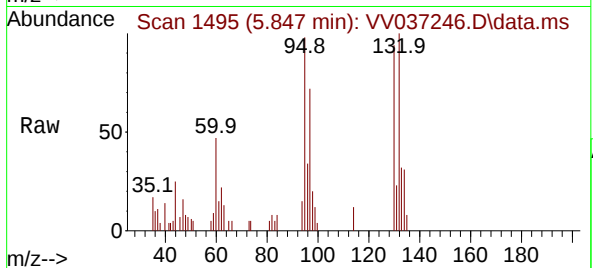
Ion Ratio Lower Upper

95 100

97 73.5 46.5 86.5

132 101.8 65.5 121.7

130 95.3 71.3 132.3



#35

Methylcyclohexane

Concen: 0.201 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.003 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

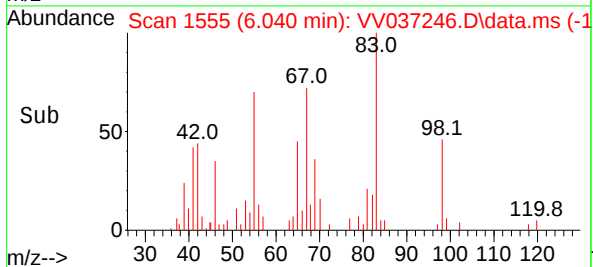
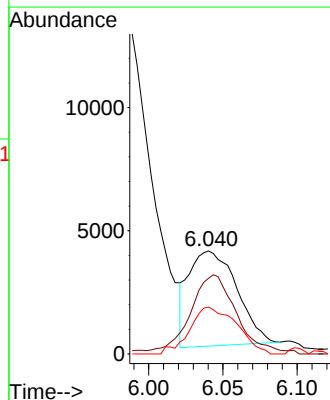
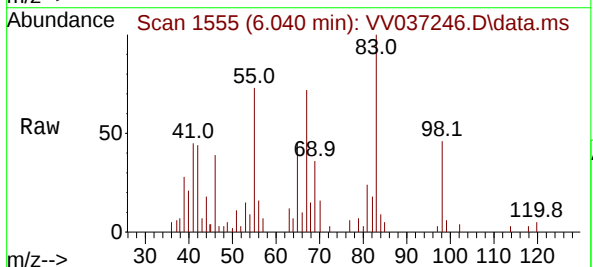
Tgt Ion: 83 Resp: 8695

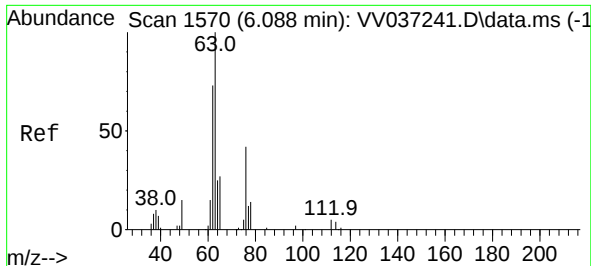
Ion Ratio Lower Upper

83 100

55 81.5 60.3 90.5

98 48.1 38.2 57.4

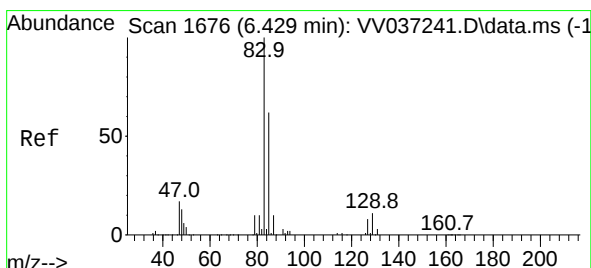
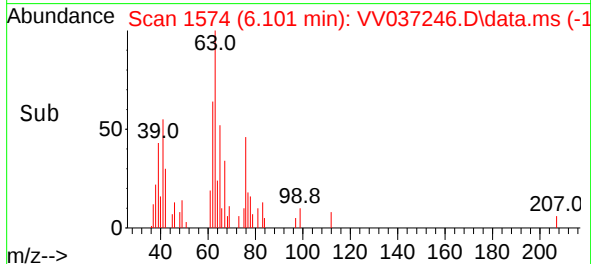
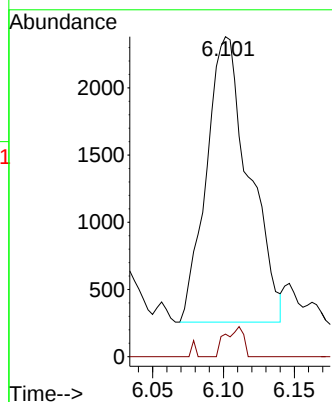
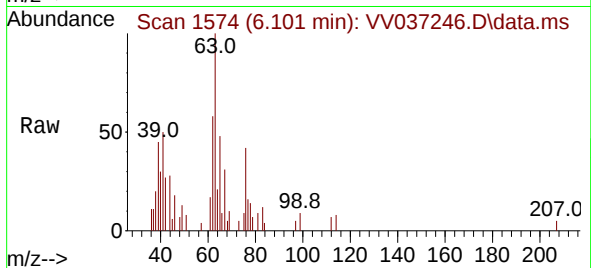




#37
1,2-Dichloropropane
Concen: 0.165 ug/L
RT: 6.101 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

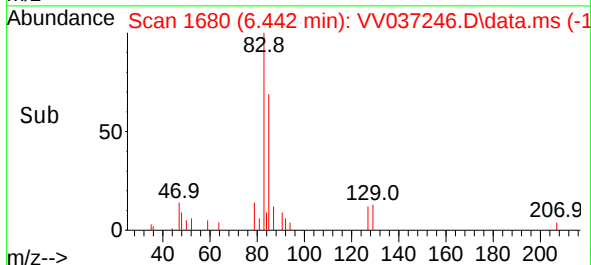
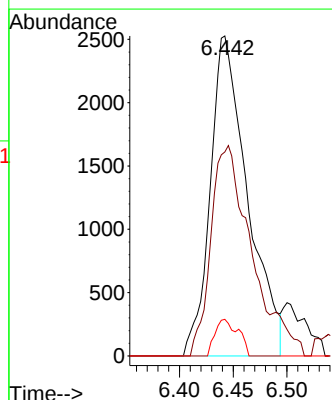
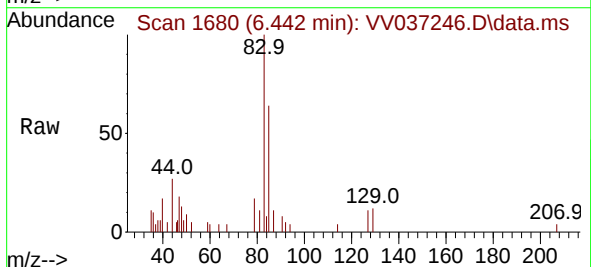
Instrument :
MSVOA_V
ClientSampleId :

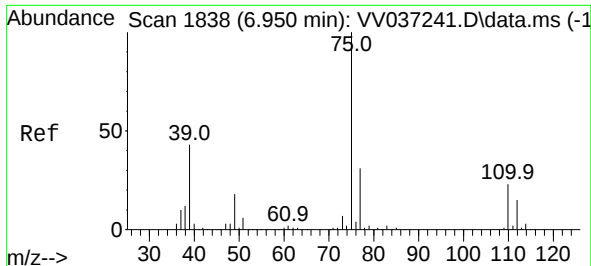
Tgt Ion: 63 Resp: 4445
Ion Ratio Lower Upper
63 100
112 4.5 3.7 5.5



#38
Bromodichloromethane
Concen: 0.181 ug/L
RT: 6.442 min Scan# 1680
Delta R.T. 0.013 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Tgt Ion: 83 Resp: 6087
Ion Ratio Lower Upper
83 100
85 63.8 43.7 81.1
127 11.4 6.7 10.1#





#39

cis-1,3-Dichloropropene

Concen: 0.171 ug/L

RT: 6.973 min Scan# 11

Delta R.T. 0.023 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_V

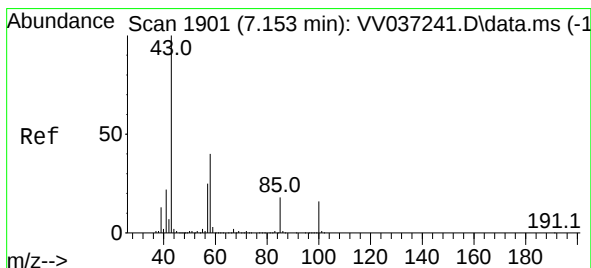
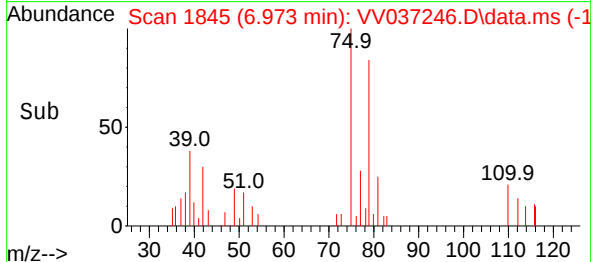
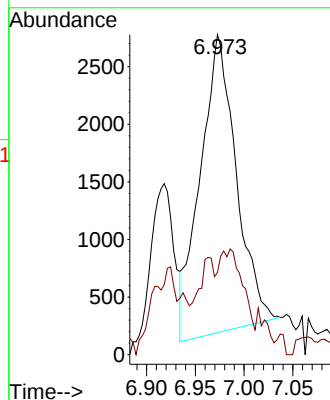
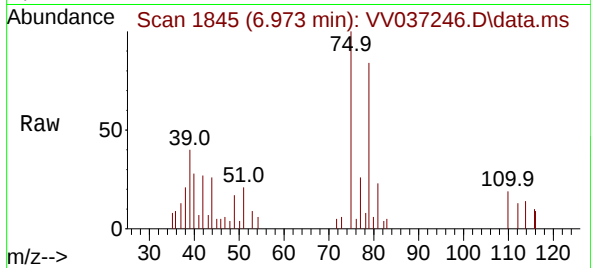
ClientSampleId :

Tgt Ion: 75 Resp: 6647

Ion Ratio Lower Upper

75 100

77 25.8 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 1.496 ug/L

RT: 7.175 min Scan# 1908

Delta R.T. 0.023 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

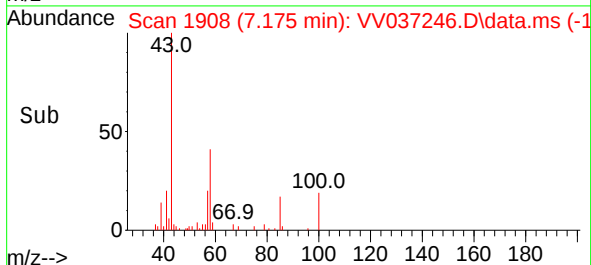
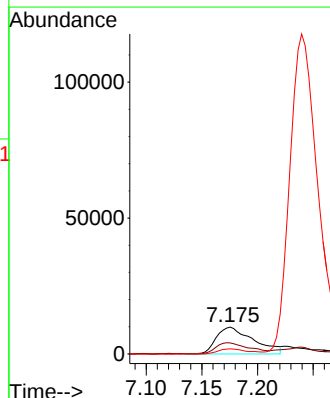
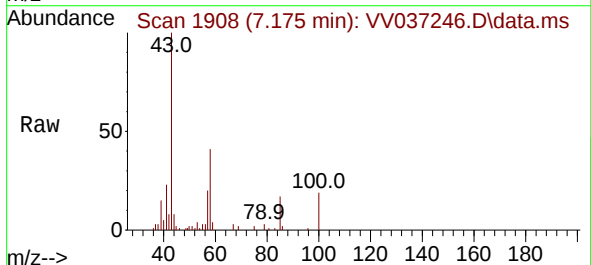
Tgt Ion: 43 Resp: 23052

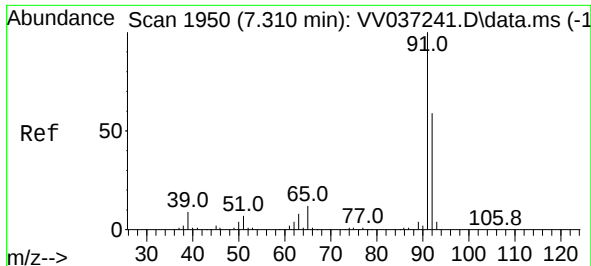
Ion Ratio Lower Upper

43 100

58 37.9 31.7 47.5

100 0.0 12.6 19.0#

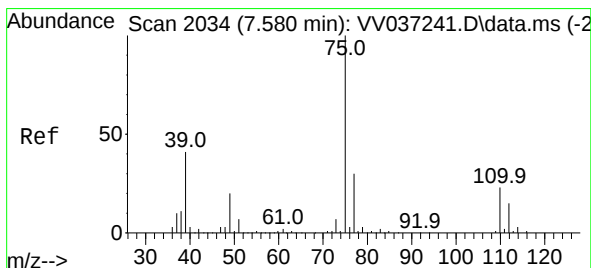
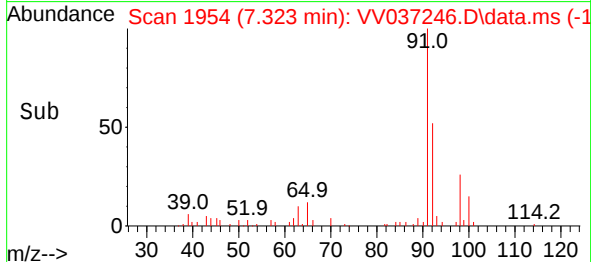
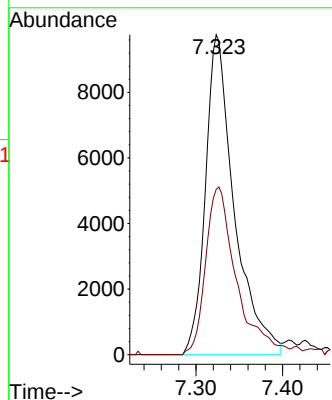
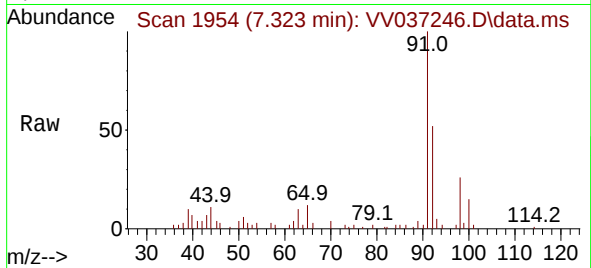




#42
Toluene
Concen: 0.205 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.013 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

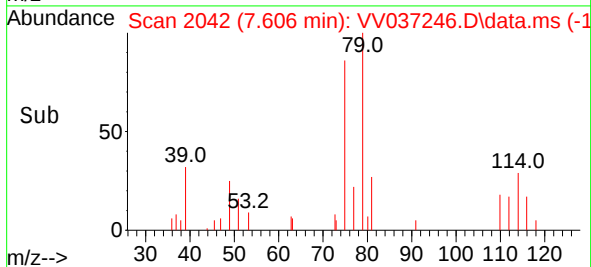
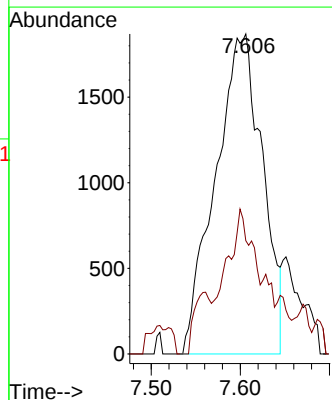
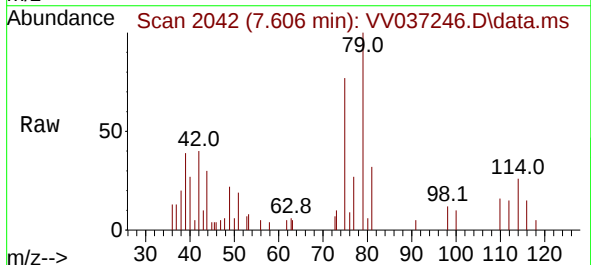
Instrument :
MSVOA_V
ClientSampleId :

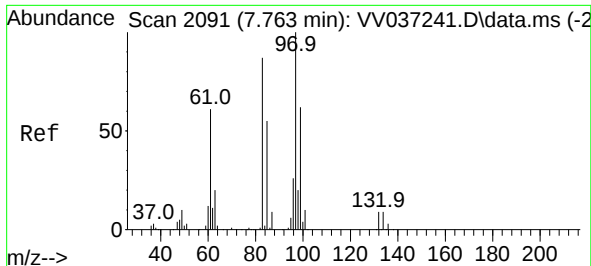
Tgt Ion: 91 Resp: 22542
Ion Ratio Lower Upper
91 100
92 51.7 41.4 77.0



#44
trans-1,3-Dichloropropene
Concen: 0.219 ug/L
RT: 7.606 min Scan# 2042
Delta R.T. 0.026 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

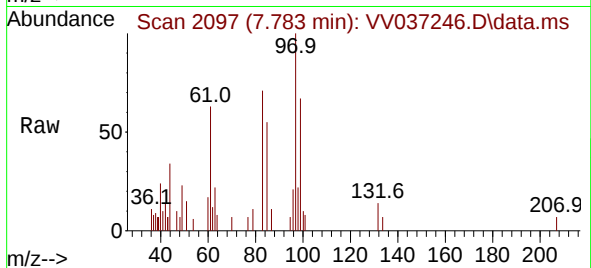
Tgt Ion: 75 Resp: 6873
Ion Ratio Lower Upper
75 100
77 35.4 20.9 38.9



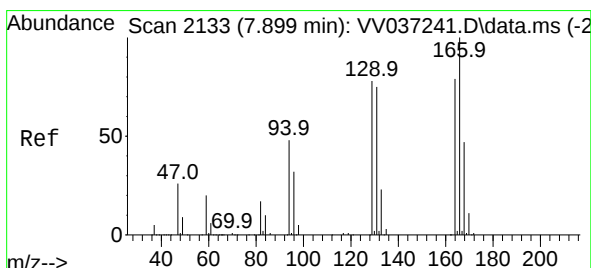
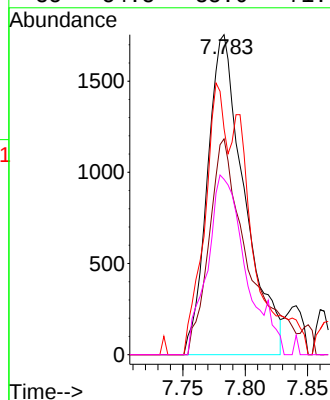
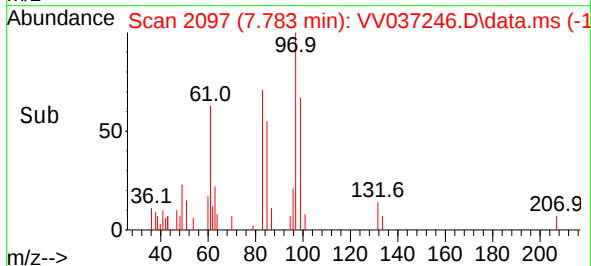


#45
1,1,2-Trichloroethane
Concen: 0.188 ug/L
RT: 7.783 min Scan# 2091
Delta R.T. 0.019 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Instrument :
MSVOA_V
ClientSampleId :

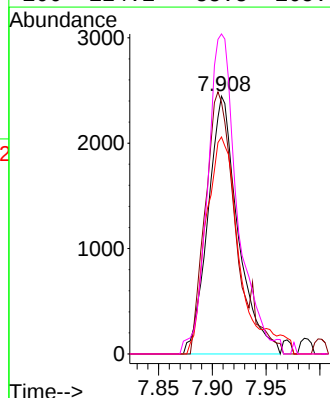
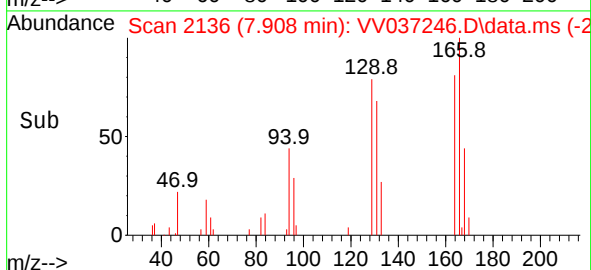
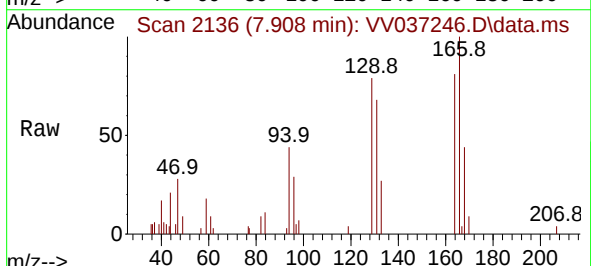


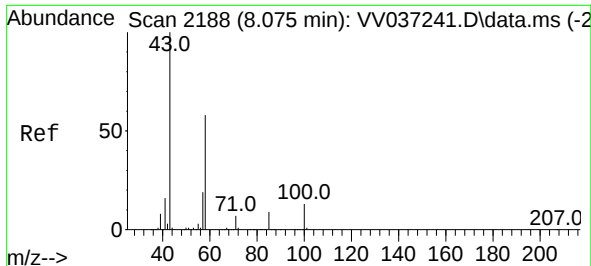
Tgt Ion:	97	Resp:	3627
Ion	Ratio	Lower	Upper
97	100		
99	67.5	43.1	80.1
83	70.7	61.0	113.4
85	54.8	38.6	71.6



#47
Tetrachloroethene
Concen: 0.233 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.010 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

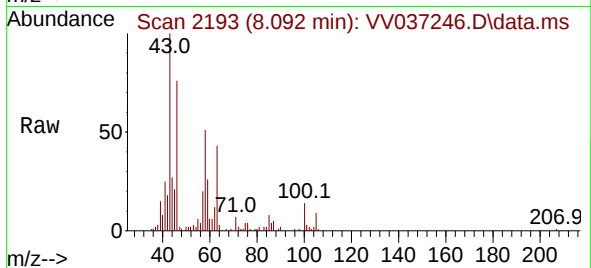
Tgt Ion:	164	Resp:	4754
Ion	Ratio	Lower	Upper
164	100		
129	97.7	69.2	128.4
131	84.1	66.6	123.8
166	124.1	88.8	165.0



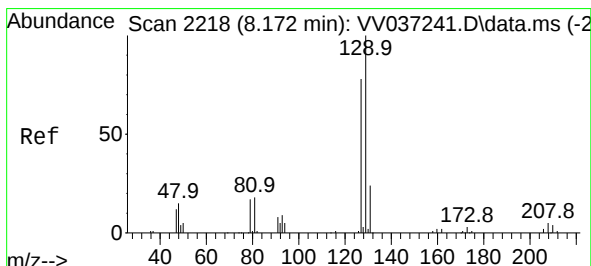
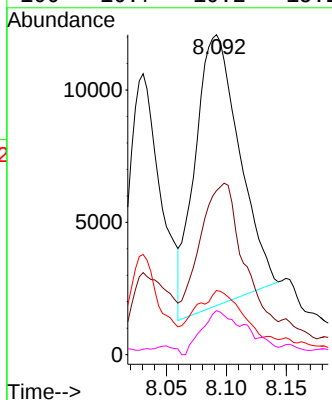
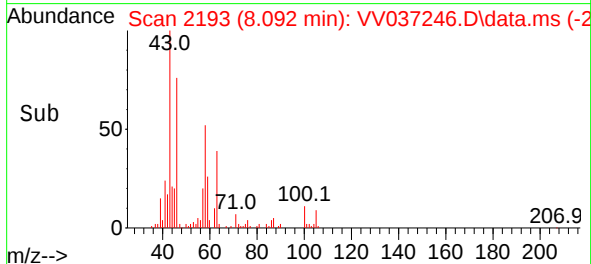


#48
2-Hexanone
Concen: 2.342 ug/L
RT: 8.092 min Scan# 2188
Delta R.T. 0.016 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Instrument :
MSVOA_V
ClientSampleId :

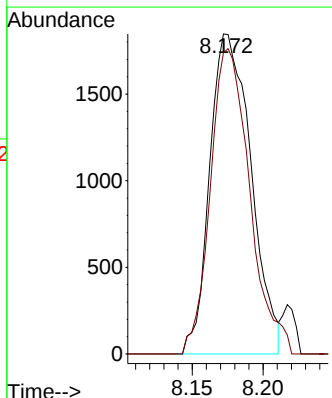
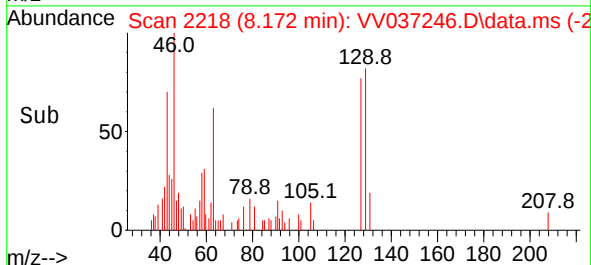
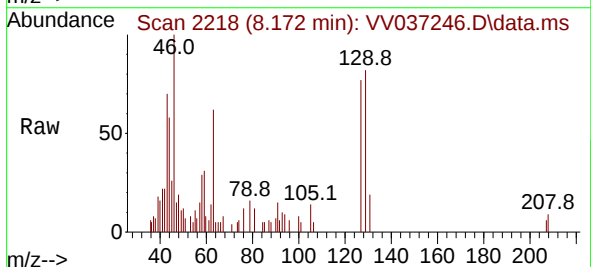


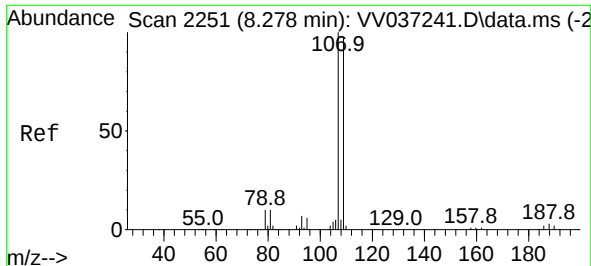
Tgt Ion: 43 Resp: 26370
Ion Ratio Lower Upper
43 100
58 54.5 45.5 68.3
57 21.2 15.3 22.9
100 16.7 10.2 15.2#



#49
Dibromochloromethane
Concen: 0.185 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Tgt Ion: 129 Resp: 3736
Ion Ratio Lower Upper
129 100
127 94.2 54.5 101.1

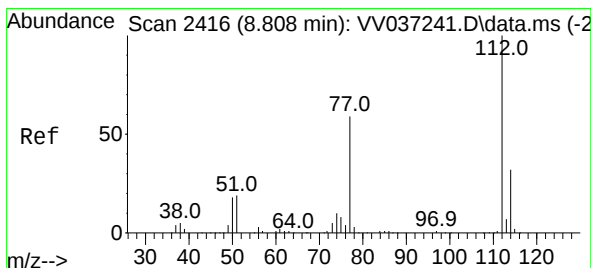
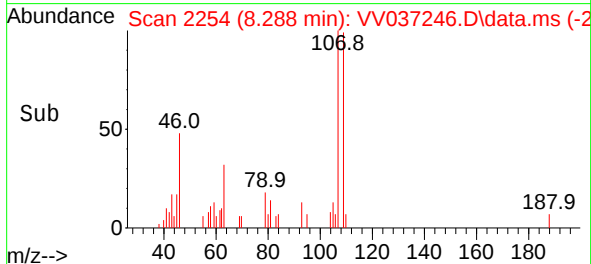
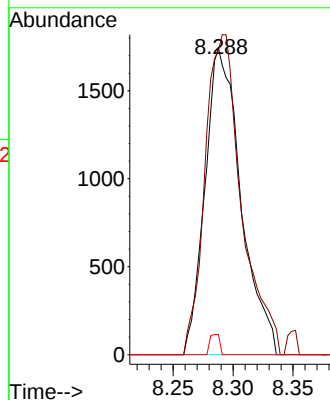
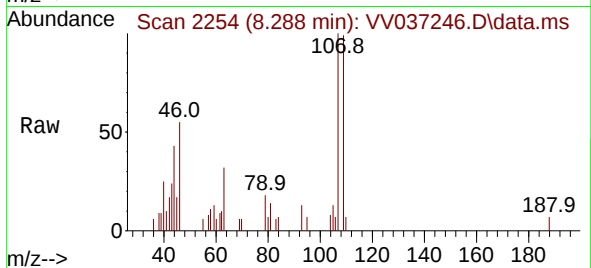




#50
1,2-Dibromoethane
Concen: 0.200 ug/L
RT: 8.288 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

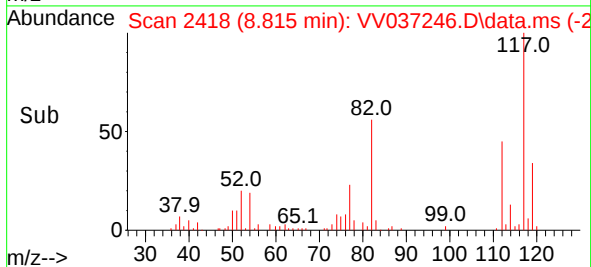
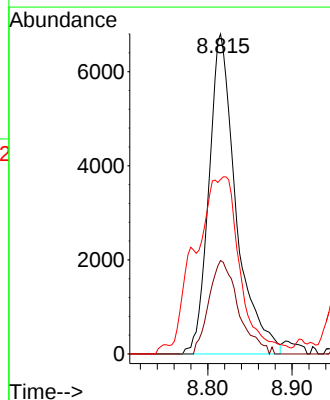
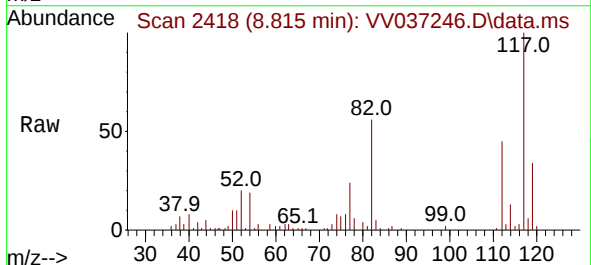
Instrument :
MSVOA_V
ClientSampleId :

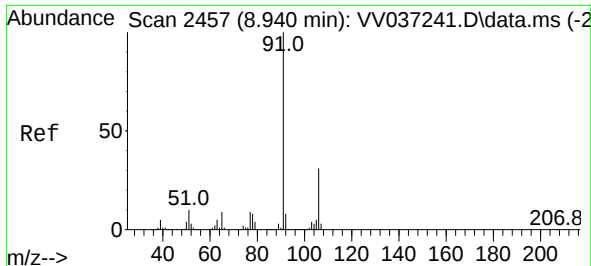
Tgt Ion:107 Resp: 3638
Ion Ratio Lower Upper
107 100
109 99.3 68.1 126.5
188 6.5 2.7 4.1#



#51
Chlorobenzene
Concen: 0.208 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.007 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Tgt Ion:112 Resp: 15236
Ion Ratio Lower Upper
112 100
114 29.2 22.6 42.0
77 54.5 47.0 70.6





#52

Ethylbenzene

Concen: 0.184 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.013 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_V

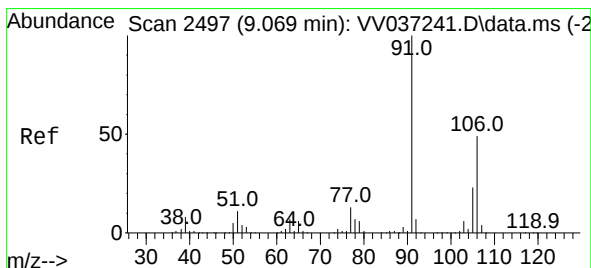
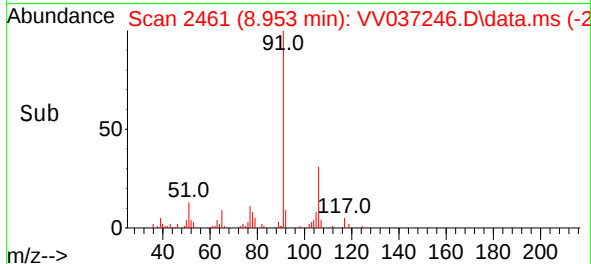
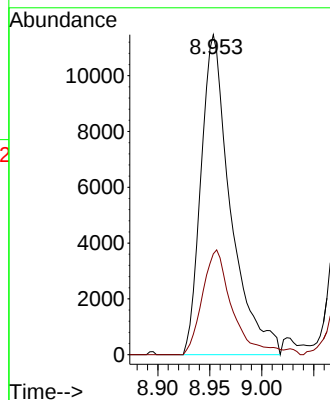
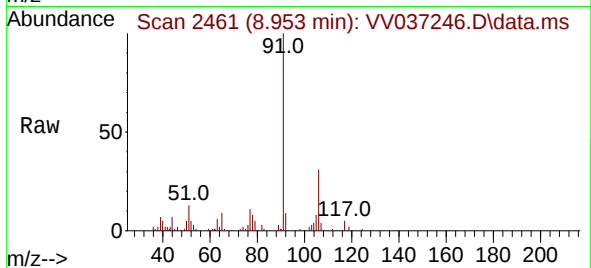
ClientSampleId :

Tgt Ion: 91 Resp: 22631

Ion Ratio Lower Upper

91 100

106 31.5 21.7 40.3



#53

m,p-Xylene

Concen: 0.205 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.013 min

Lab File: VV037246.D

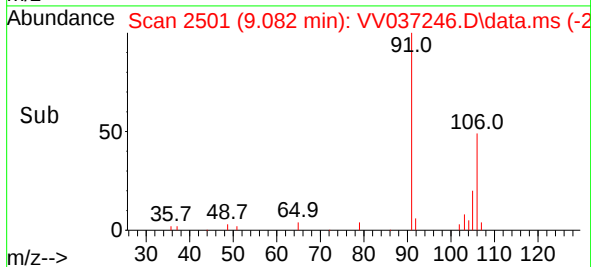
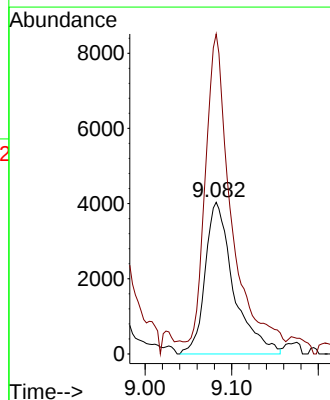
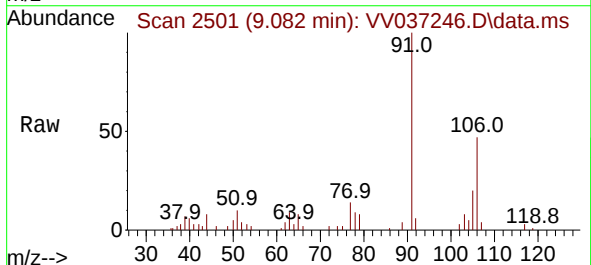
Acq: 10 Sep 2024 14:20

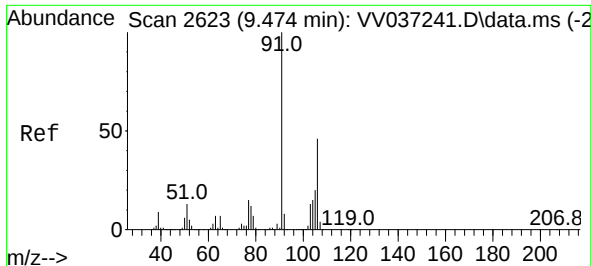
Tgt Ion: 106 Resp: 9258

Ion Ratio Lower Upper

106 100

91 210.9 143.3 266.1





#54

o-Xylene

Concen: 0.187 ug/L

RT: 9.481 min Scan# 2

Delta R.T. 0.007 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_V

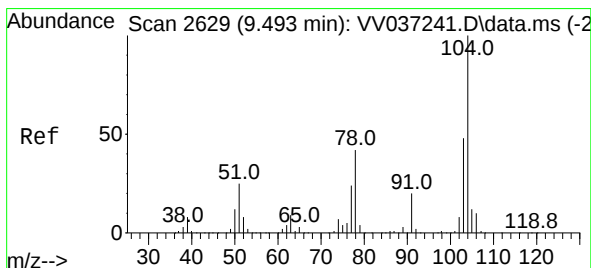
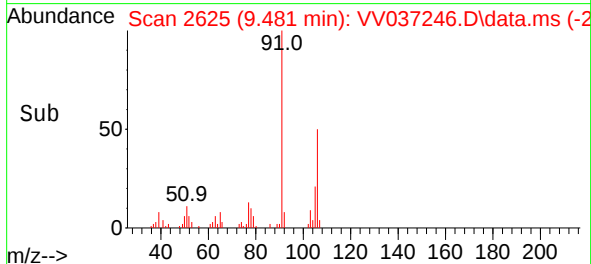
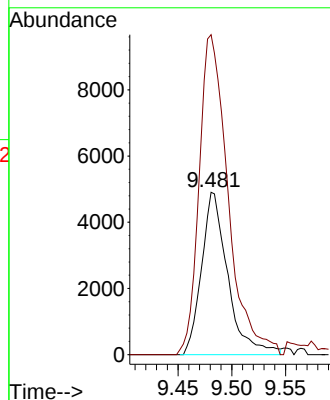
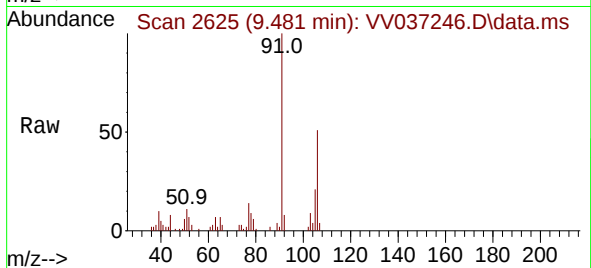
ClientSampleId :

Tgt Ion:106 Resp: 8349

Ion Ratio Lower Upper

106 100

91 197.1 151.8 282.0



#55

Styrene

Concen: 0.169 ug/L

RT: 9.510 min Scan# 2634

Delta R.T. 0.016 min

Lab File: VV037246.D

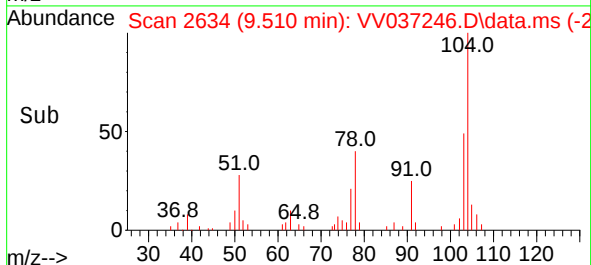
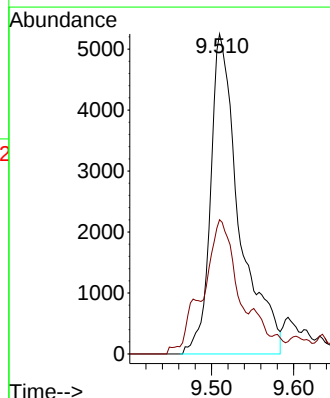
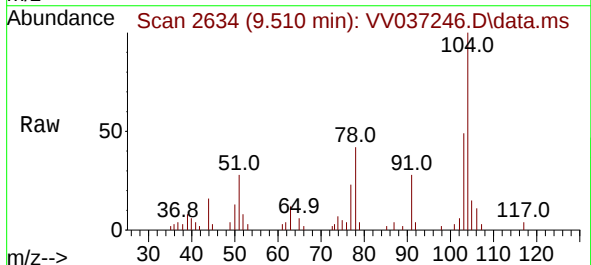
Acq: 10 Sep 2024 14:20

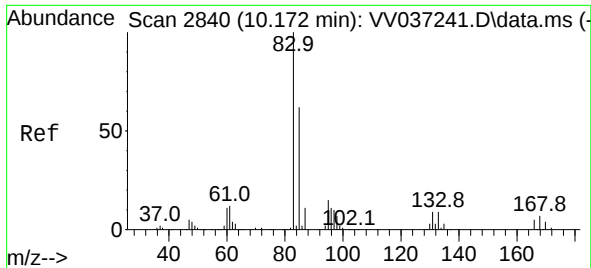
Tgt Ion:104 Resp: 12803

Ion Ratio Lower Upper

104 100

78 42.0 29.2 54.2

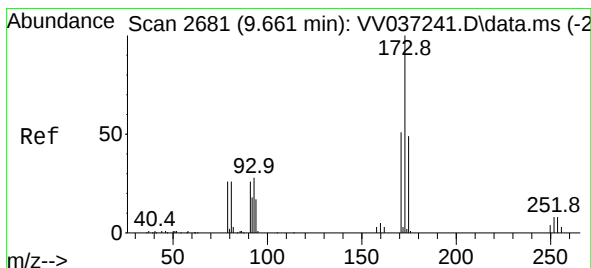
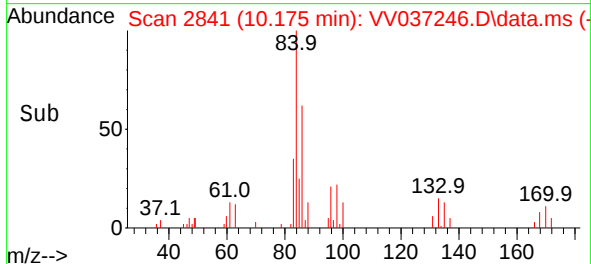
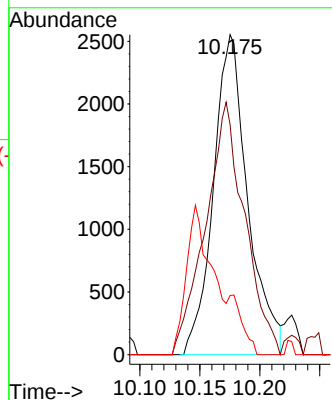
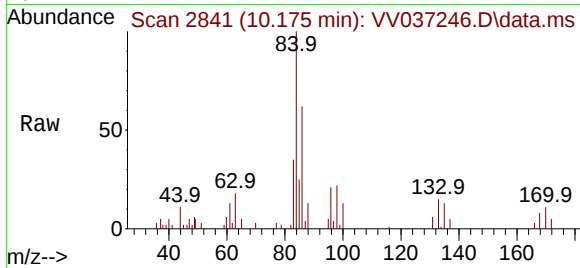




#57
1,1,2,2-Tetrachloroethane
Concen: 0.219 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

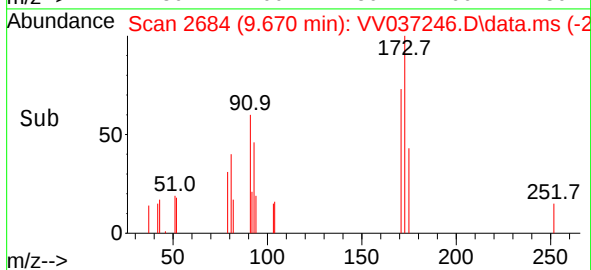
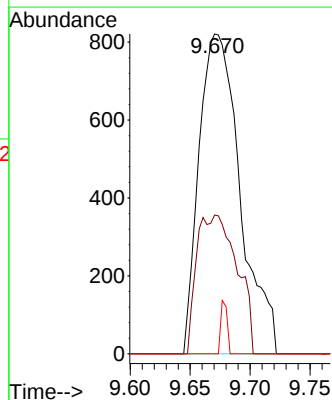
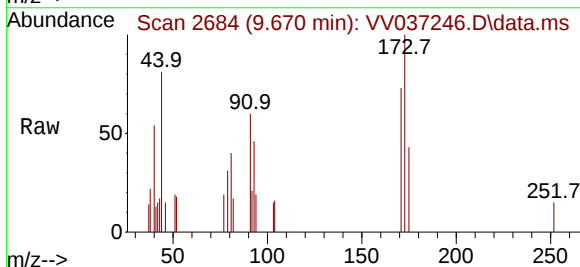
Instrument :
MSVOA_V
ClientSampleId :

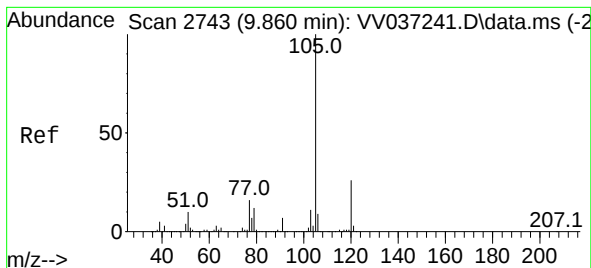
Tgt Ion: 83 Resp: 5085
Ion Ratio Lower Upper
83 100
85 71.8 43.2 80.2
131 18.5 6.9 10.3#



#59
Bromoform
Concen: 0.199 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.010 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Tgt Ion: 173 Resp: 1958
Ion Ratio Lower Upper
173 100
175 42.5 38.7 58.1
254 2.6 6.8 10.2#





#60

Isopropylbenzene

Concen: 0.206 ug/L

RT: 9.870 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV037246.D

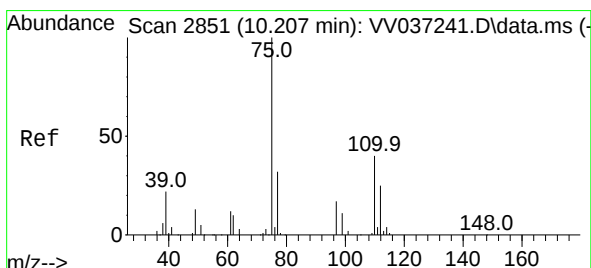
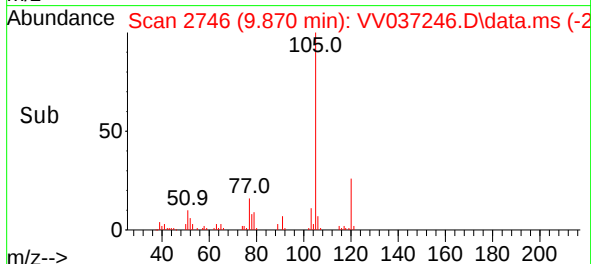
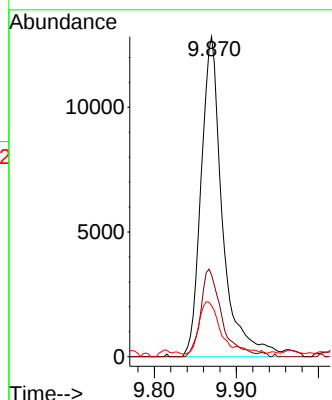
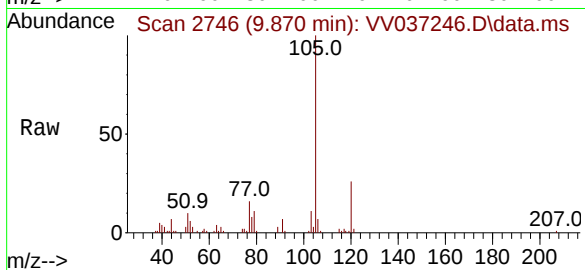
Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:105	Resp:	23197
Ion Ratio	Lower	Upper
105	100	
120	26.8	20.2 30.4
77	18.0	12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 0.208 ug/L

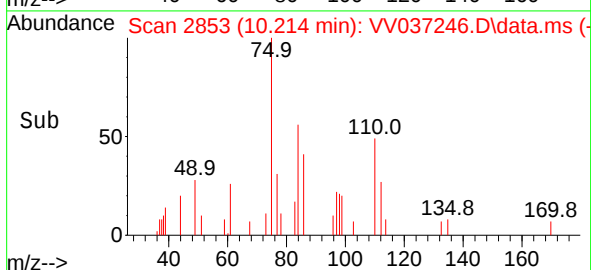
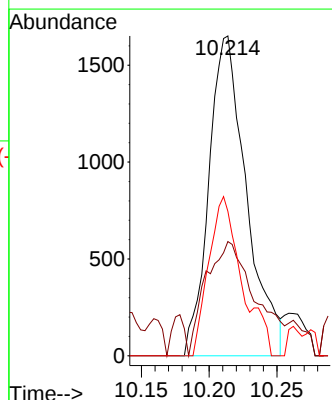
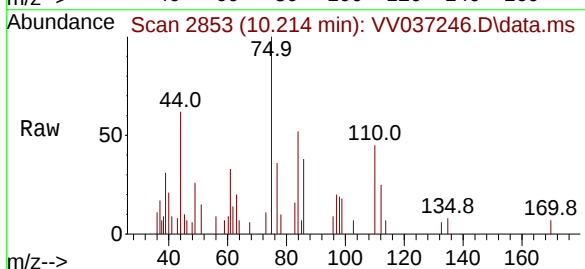
RT: 10.214 min Scan# 2853

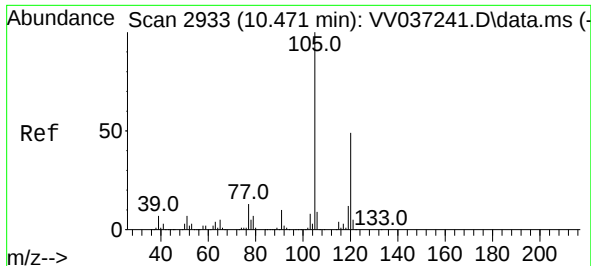
Delta R.T. 0.007 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Tgt Ion: 75	Resp:	3192
Ion Ratio	Lower	Upper
75	100	
77	47.1	25.6 38.4
110	43.5	31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 0.208 ug/L

RT: 10.477 min Scan# 2933

Delta R.T. 0.007 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_V

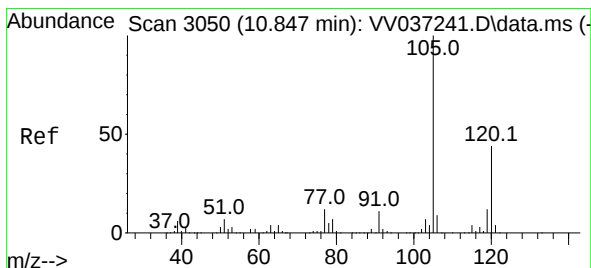
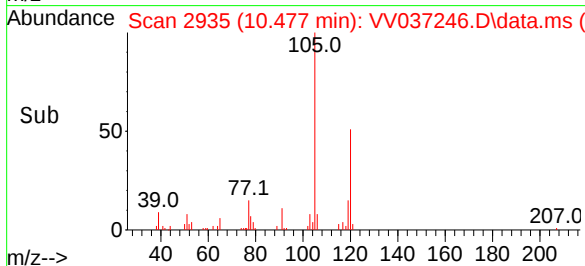
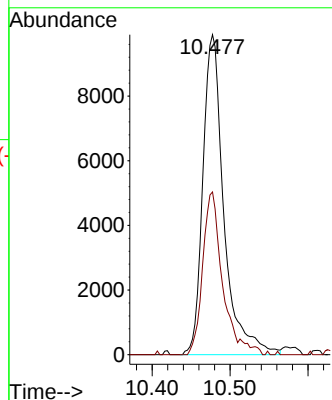
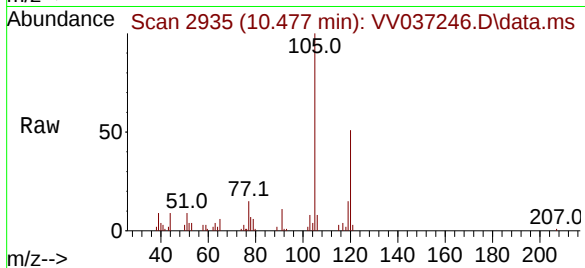
ClientSampleId :

Tgt Ion:105 Resp: 18556

Ion Ratio Lower Upper

105 100

120 48.2 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 0.190 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.007 min

Lab File: VV037246.D

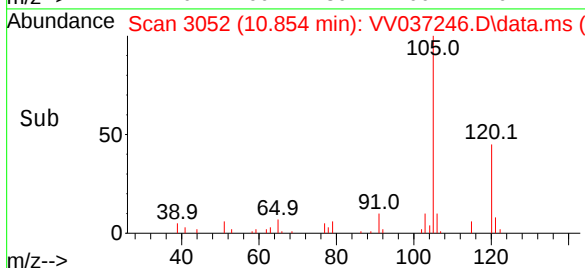
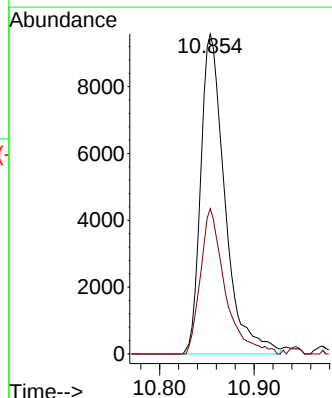
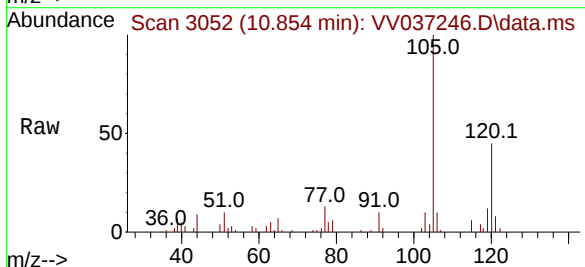
Acq: 10 Sep 2024 14:20

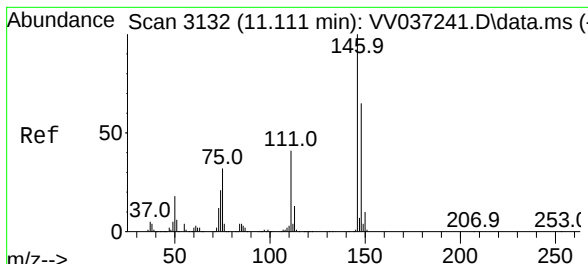
Tgt Ion:105 Resp: 17031

Ion Ratio Lower Upper

105 100

120 45.9 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 0.226 ug/L

RT: 11.124 min Scan# 3132

Delta R.T. 0.013 min

Lab File: VV037246.D

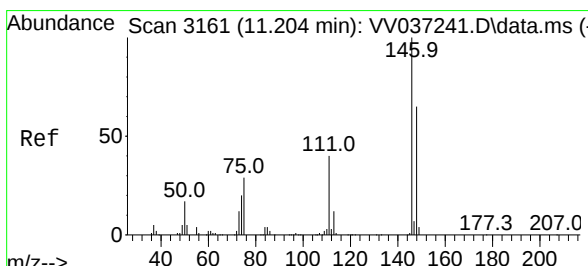
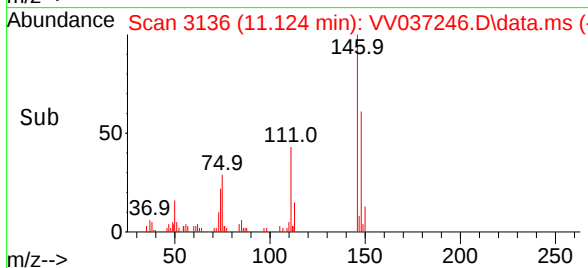
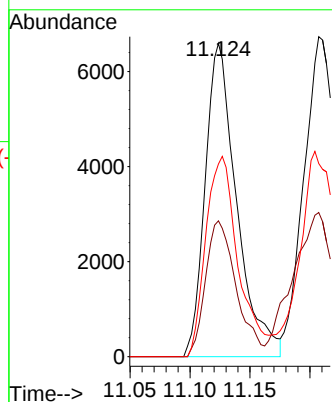
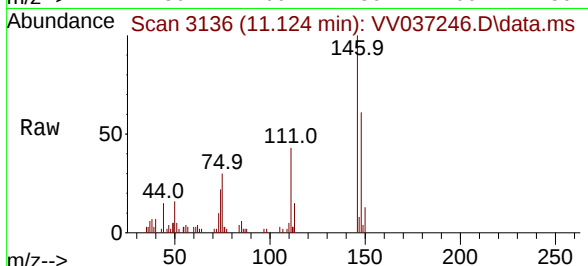
Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	146	Resp:	12025
Ion Ratio	Lower	Upper	
146	100		
111	43.4	28.8	53.4
148	61.5	45.6	84.6



#65

1,4-Dichlorobenzene

Concen: 0.231 ug/L

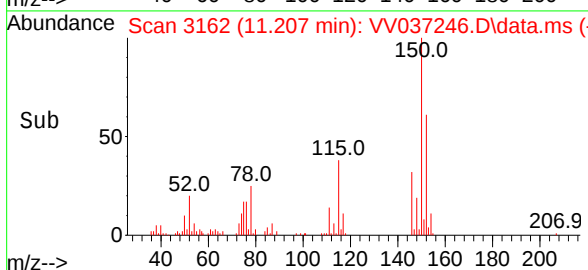
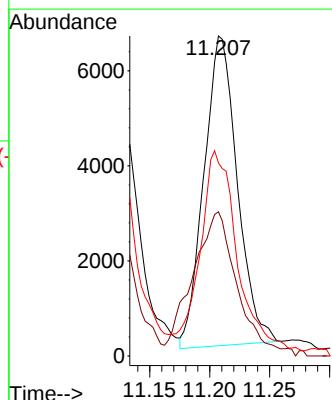
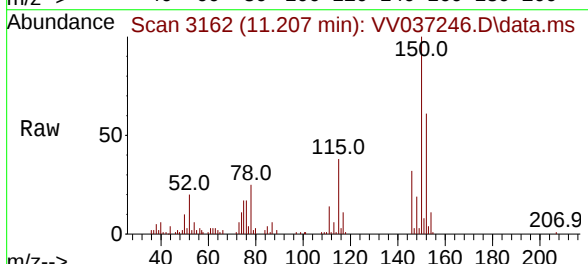
RT: 11.207 min Scan# 3162

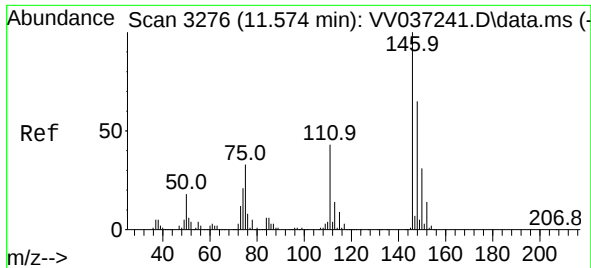
Delta R.T. 0.003 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

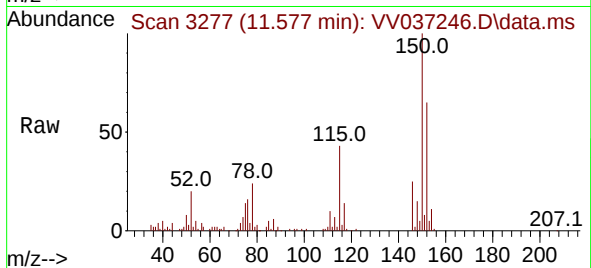
Tgt Ion:	146	Resp:	12611
Ion Ratio	Lower	Upper	
146	100		
111	45.0	28.2	52.4
148	60.3	45.8	85.0



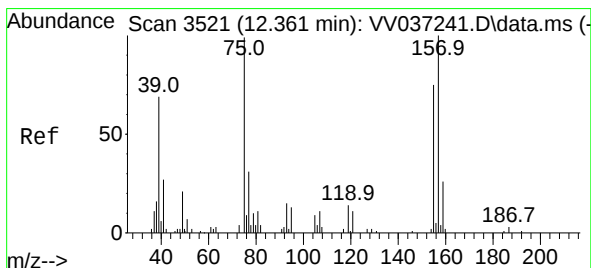
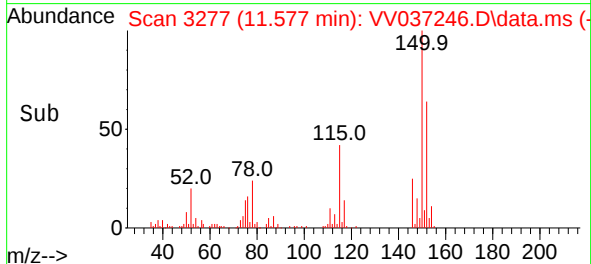
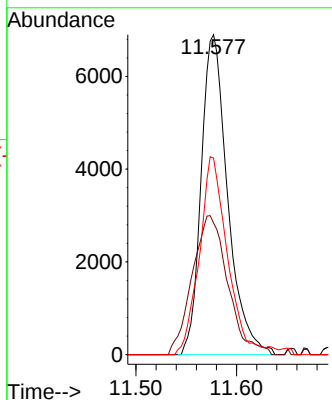


#67
1,2-Dichlorobenzene
Concen: 0.256 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Instrument :
MSVOA_V
ClientSampleId :

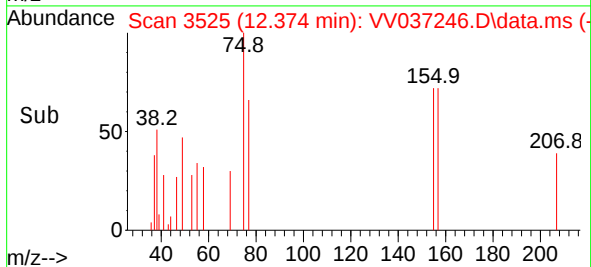
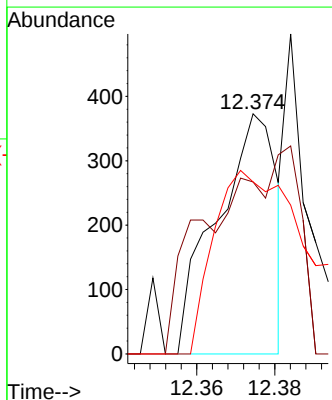
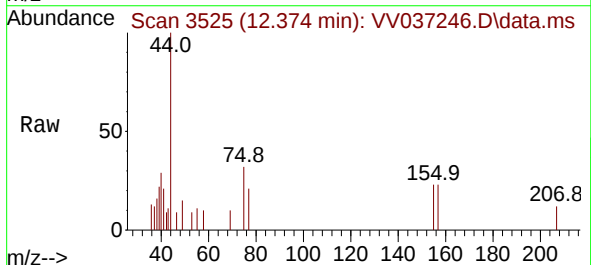


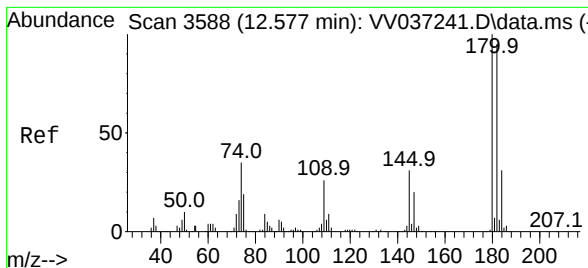
Tgt Ion:146 Resp: 12644
Ion Ratio Lower Upper
146 100
111 41.2 34.4 51.6
148 61.4 51.8 77.6



#68
1,2-Dibromo-3-chloropropane
Concen: 0.125 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.013 min
Lab File: VV037246.D
Acq: 10 Sep 2024 14:20

Tgt Ion: 75 Resp: 397
Ion Ratio Lower Upper
75 100
155 71.6 60.6 90.8
157 71.6 81.1 121.7#





#69

1,3,5-Trichlorobenzene

Concen: 0.236 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.010 min

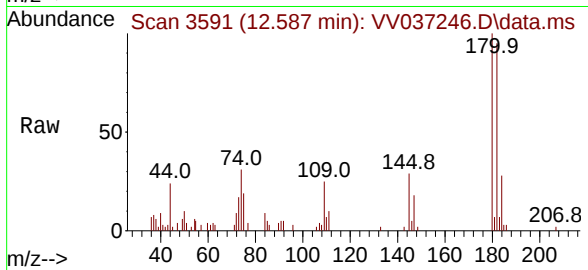
Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 8987

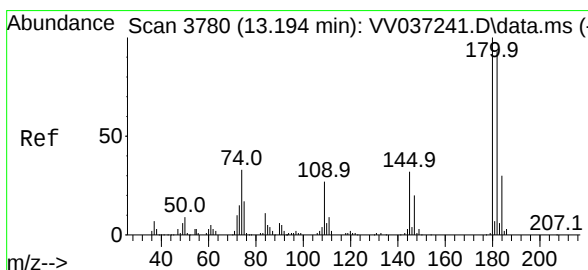
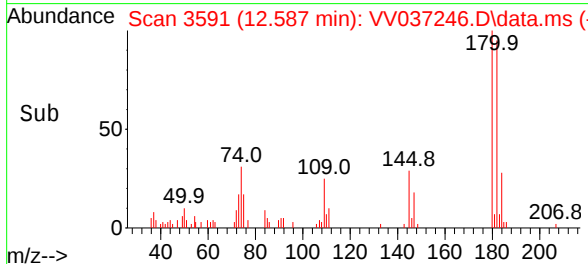
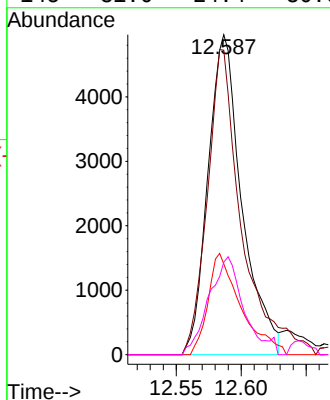
Ion Ratio Lower Upper

180 100

182 96.6 74.3 111.5

184 30.7 24.3 36.5

145 31.6 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 0.249 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.010 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

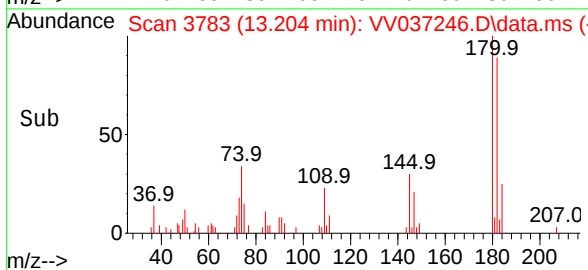
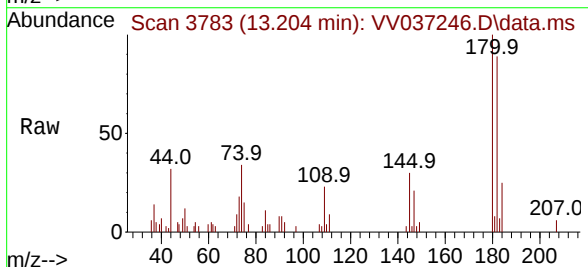
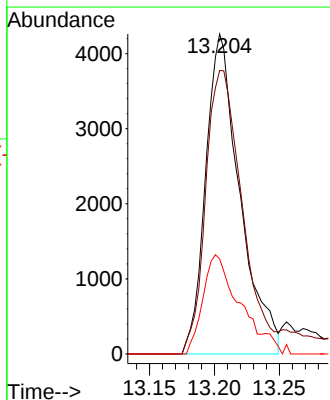
Tgt Ion:180 Resp: 7800

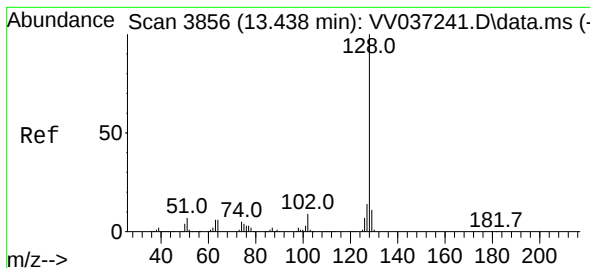
Ion Ratio Lower Upper

180 100

182 94.5 75.4 113.0

145 33.7 25.8 38.6





#71

Naphthalene

Concen: 0.295 ug/L

RT: 13.448 min Scan# 3856

Delta R.T. 0.010 min

Lab File: VV037246.D

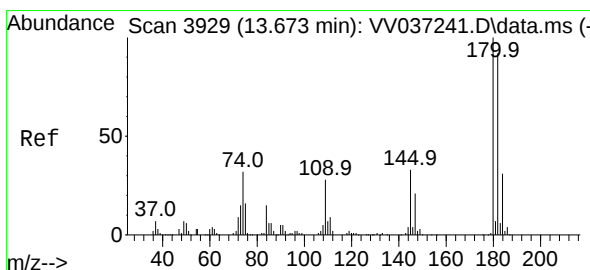
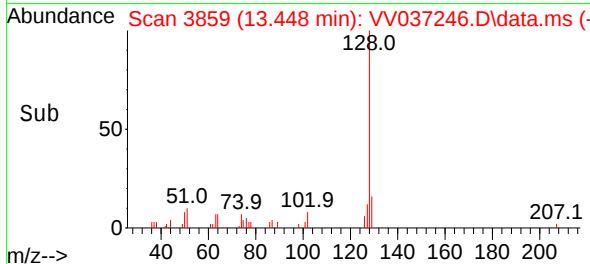
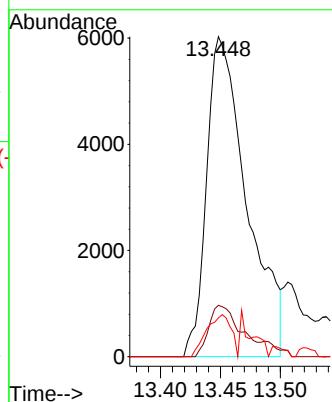
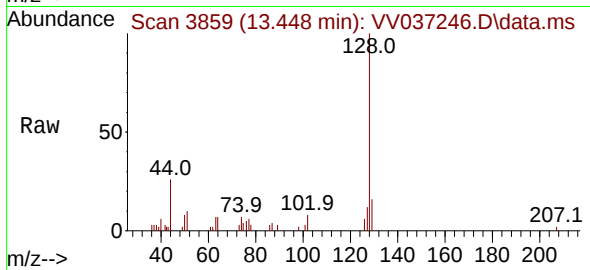
Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	14087
Ion Ratio	Lower	Upper
128	100	
129	12.7	8.6 12.8
127	7.9	10.2 15.2#



#72

1,2,3-Trichlorobenzene

Concen: 0.265 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.013 min

Lab File: VV037246.D

Acq: 10 Sep 2024 14:20

Tgt Ion:180	Resp:	6865
Ion Ratio	Lower	Upper
180	100	
182	95.0	73.4 110.0
145	34.8	27.2 40.8

