

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091124\
 Data File : VV037251.D
 Acq On : 11 Sep 2024 11:45
 Operator : SY/MD
 Sample : P3391-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 12 02:05:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 12 01:56:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	332575	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	338945	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	158661	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	83853	4.298	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.529	69	91004	4.474	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.053	65	43942	4.361	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	3.834	46	279098	47.864	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.720%
24) Chloroform-d	4.243	84	213655	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	4.940	65	103494	4.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	4.953	84	417355	4.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	5.985	67	138303	4.894	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.239	98	350958	4.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	7.561	79	37431	4.026	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.027	63	207940	45.782	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.560%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	106173	4.610	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	134861	4.781	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	7221	0.234	ug/L	97
3) Chloromethane	1.214	50	8514	0.258	ug/L	100
5) Vinyl chloride	1.278	62	7885	0.243	ug/L #	73
6) Bromomethane	1.487	94	4961	0.255	ug/L	93
8) Chloroethane	1.545	64	4795	0.246	ug/L	90
9) Trichlorofluoromethane	1.709	101	9643	0.239	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	6455	0.264	ug/L	92
12) 1,1-Dichloroethene	2.063	96	6507	0.279	ug/L #	1
13) Acetone	2.185	43	3341	0.823	ug/L	69
14) Carbon disulfide	2.233	76	16300	0.222	ug/L	96
15) Methyl Acetate	2.404	43	703	0.076	ug/L #	63
16) Methylene chloride	2.442	84	10374	0.387	ug/L	93
17) Methyl tert-butyl Ether	2.706	73	11981	0.216	ug/L #	92
18) trans-1,2-Dichloroethene	2.693	96	5802	0.237	ug/L	91
19) 1,1-Dichloroethane	3.111	63	10452	0.223	ug/L	95
21) 2-Butanone	3.902	43	1556	0.252	ug/L	100
22) cis-1,2-Dichloroethene	3.825	96	5649	0.213	ug/L	98
23) Bromochloromethane	4.156	128	2815	0.245	ug/L	76
25) Chloroform	4.268	83	13892	0.295	ug/L	93

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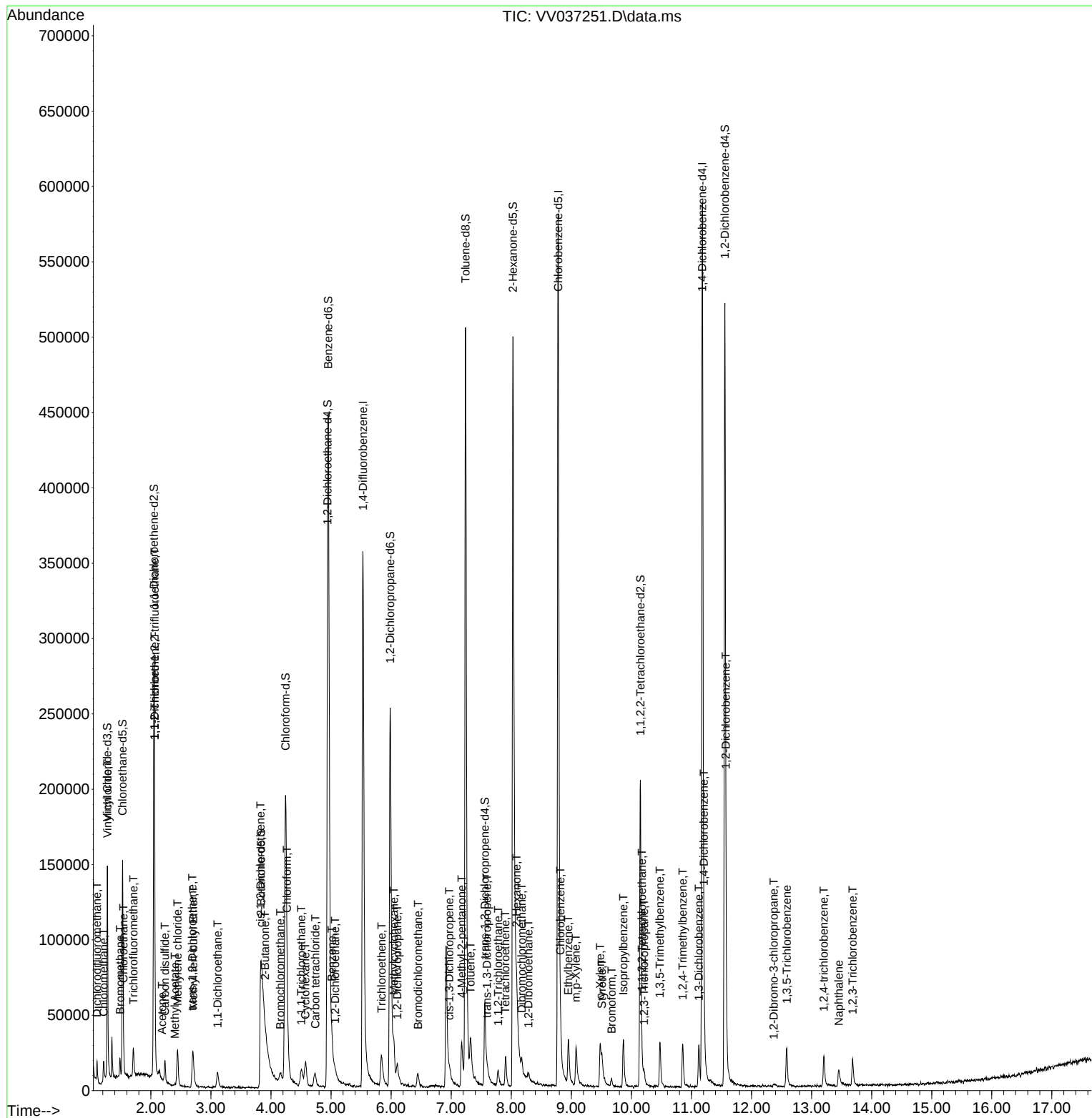
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.069	62	5754	0.216	ug/L	96
29) 1,1,1-Trichloroethane	4.506	97	8983	0.224	ug/L	96
30) Cyclohexane	4.571	56	8599	0.221	ug/L	96
31) Carbon tetrachloride	4.738	117	7584	0.222	ug/L	96
33) Benzene	5.011	78	21920	0.215	ug/L	100
34) Trichloroethene	5.844	95	7132	0.259	ug/L	85
35) Methylcyclohexane	6.047	83	8068	0.193	ug/L	98
37) 1,2-Dichloropropane	6.104	63	6032	0.232	ug/L	98
38) Bromodichloromethane	6.448	83	7498	0.231	ug/L	86
39) cis-1,3-Dichloropropene	6.969	75	6264	0.166	ug/L	95
40) 4-Methyl-2-pentanone	7.175	43	29966	2.014	ug/L #	80
42) Toluene	7.323	91	22956	0.216	ug/L	100
44) trans-1,3-Dichloropropene	7.596	75	7643	0.252	ug/L	91
45) 1,1,2-Trichloroethane	7.783	97	3401	0.183	ug/L	91
47) Tetrachloroethene	7.902	164	4809	0.244	ug/L	93
48) 2-Hexanone	8.088	43	39812	3.662	ug/L #	94
49) Dibromochloromethane	8.175	129	4098	0.210	ug/L	95
50) 1,2-Dibromoethane	8.288	107	4029	0.229	ug/L #	87
51) Chlorobenzene	8.818	112	15807	0.223	ug/L	97
52) Ethylbenzene	8.950	91	25590	0.216	ug/L	98
53) m,p-Xylene	9.079	106	9352	0.214	ug/L	99
54) o-Xylene	9.480	106	8131	0.188	ug/L	99
55) Styrene	9.509	104	12578	0.172	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.175	83	5562	0.248	ug/L #	92
59) Bromoform	9.670	173	2003	0.216	ug/L #	91
60) Isopropylbenzene	9.866	105	22436	0.211	ug/L #	96
61) 1,2,3-Trichloropropane	10.210	75	3778	0.262	ug/L #	88
62) 1,3,5-Trimethylbenzene	10.474	105	17883	0.212	ug/L	97
63) 1,2,4-Trimethylbenzene	10.853	105	17752	0.210	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	11996	0.239	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	12729	0.247	ug/L	94
67) 1,2-Dichlorobenzene	11.574	146	12799	0.275	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.371	75	541	0.181	ug/L #	65
69) 1,3,5-Trichlorobenzene	12.586	180	8161	0.228	ug/L	96
70) 1,2,4-trichlorobenzene	13.204	180	6763	0.229	ug/L	97
71) Naphthalene	13.455	128	12272	0.272	ug/L #	88
72) 1,2,3-Trichlorobenzene	13.683	180	6218	0.255	ug/L	97

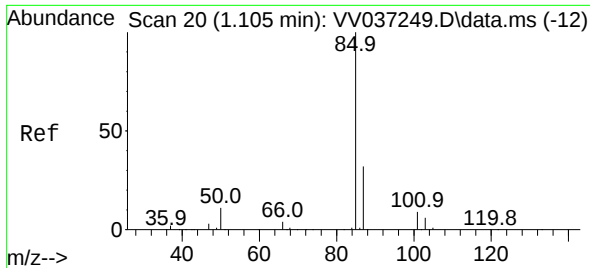
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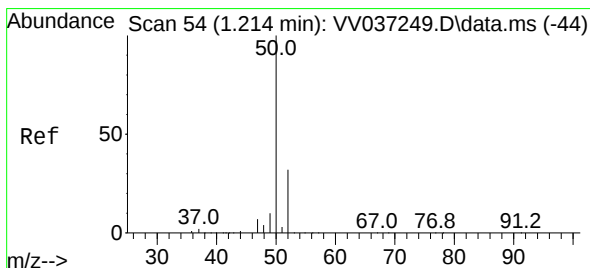
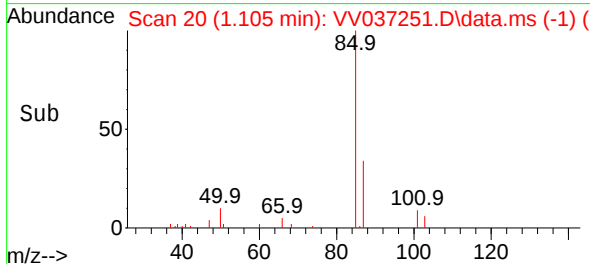
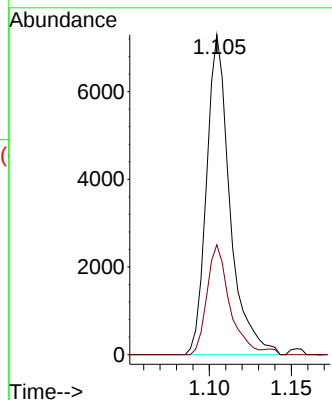
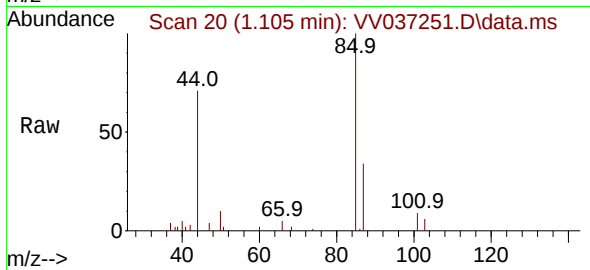




#2
 Dichlorodifluoromethane
 Concen: 0.234 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV037251.D
 Acq: 11 Sep 2024 11:45

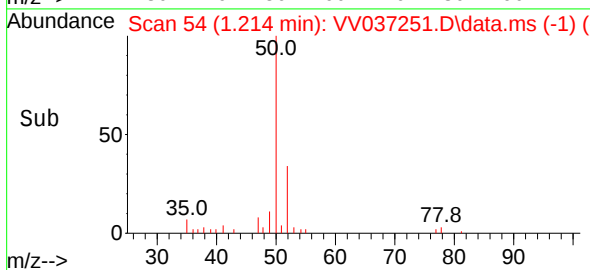
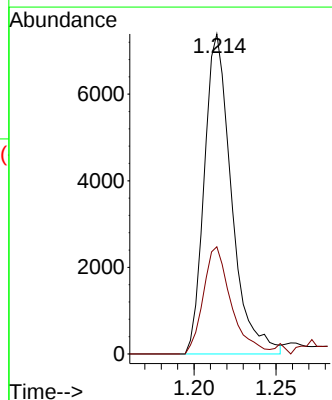
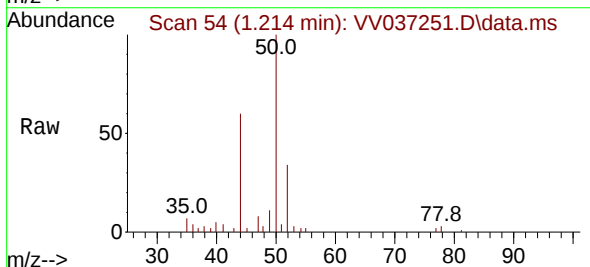
Instrument :
 MSVOA_V
 ClientSampleId :

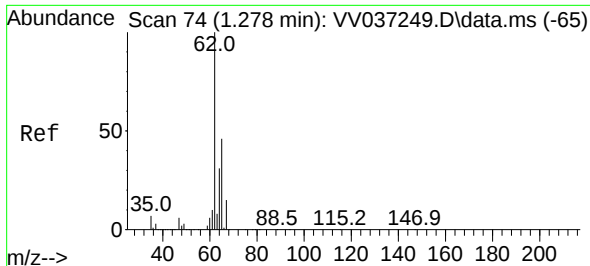
Tgt Ion: 85 Resp: 7221
 Ion Ratio Lower Upper
 85 100
 87 34.1 25.8 38.8



#3
 Chloromethane
 Concen: 0.258 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV037251.D
 Acq: 11 Sep 2024 11:45

Tgt Ion: 50 Resp: 8514
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.3 43.3

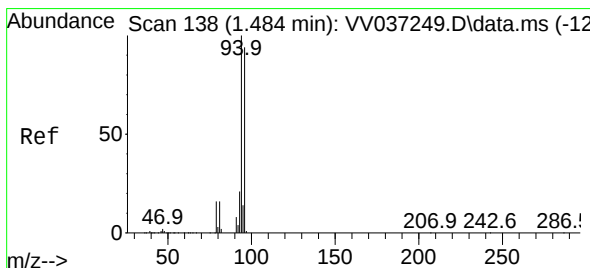
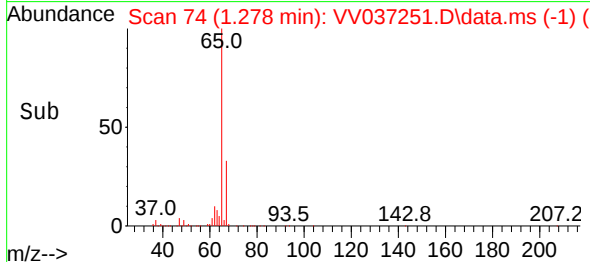
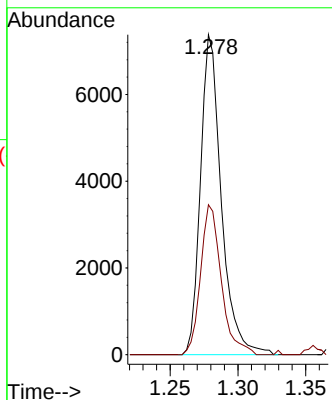
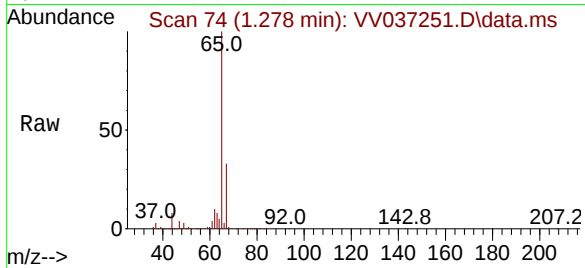




#5
Vinyl chloride
Concen: 0.243 ug/L
RT: 1.278 min Scan# 74
Delta R.T. -0.000 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

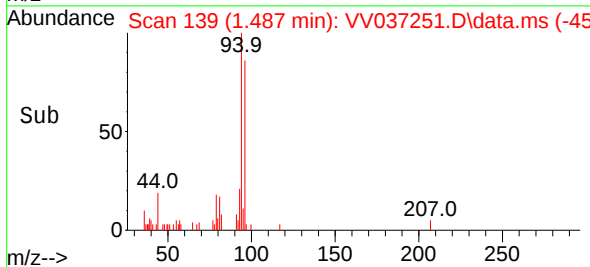
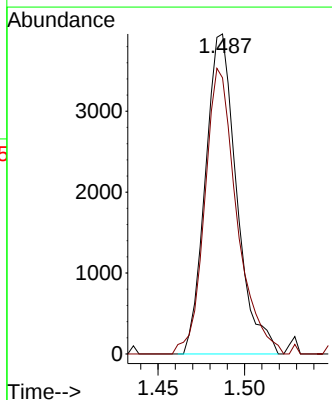
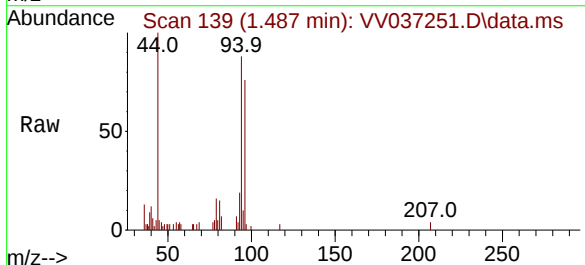
Instrument :
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ClientSampleId :

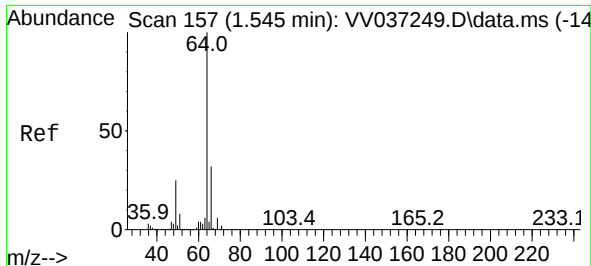
Tgt Ion: 62 Resp: 7885
Ion Ratio Lower Upper
62 100
64 46.9 22.4 41.6#



#6
Bromomethane
Concen: 0.255 ug/L
RT: 1.487 min Scan# 139
Delta R.T. 0.003 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Tgt Ion: 94 Resp: 4961
Ion Ratio Lower Upper
94 100
96 86.3 65.3 121.3

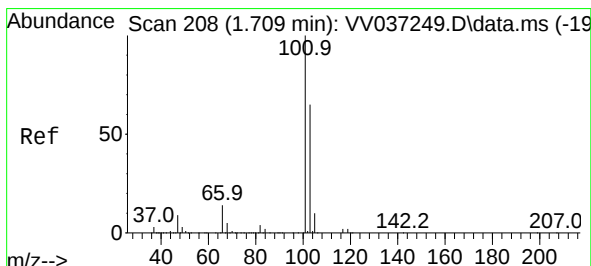
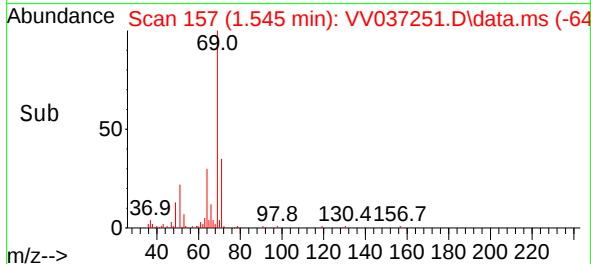
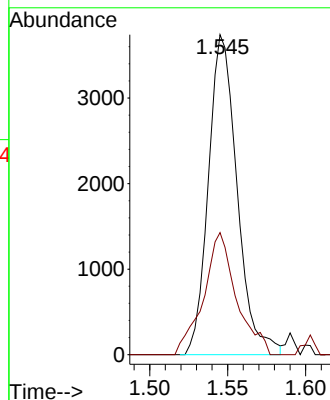
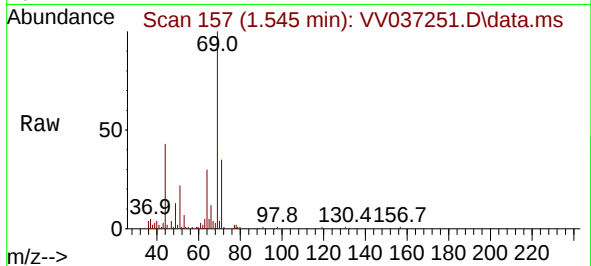




#8
Chloroethane
Concen: 0.246 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

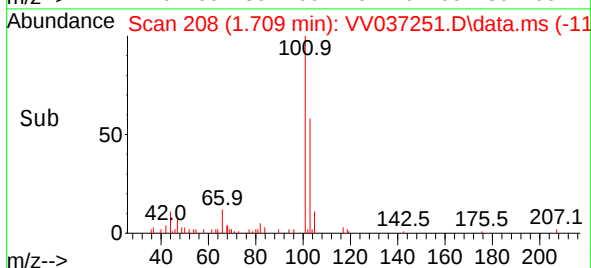
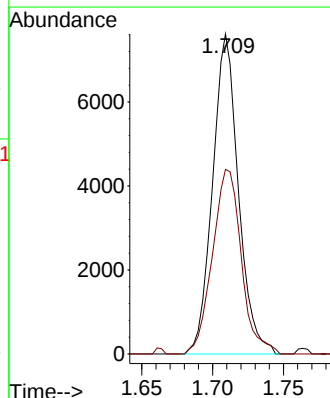
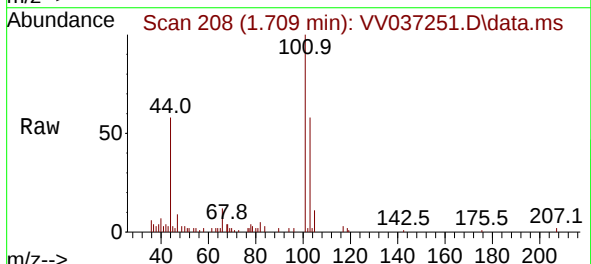
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ClientSampleId :

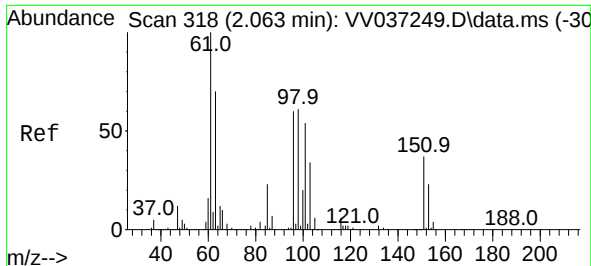
Tgt Ion: 64 Resp: 4795
Ion Ratio Lower Upper
64 100
66 38.2 22.7 42.1



#9
Trichlorofluoromethane
Concen: 0.239 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Tgt Ion:101 Resp: 9643
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3

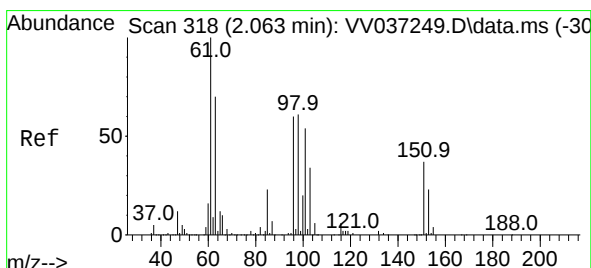
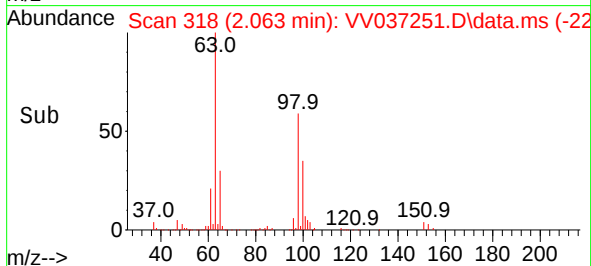
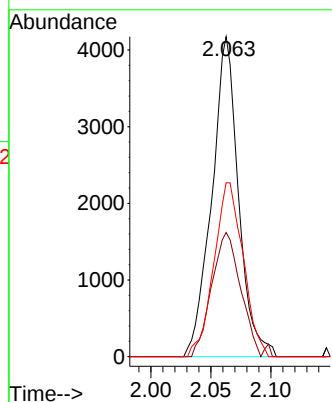
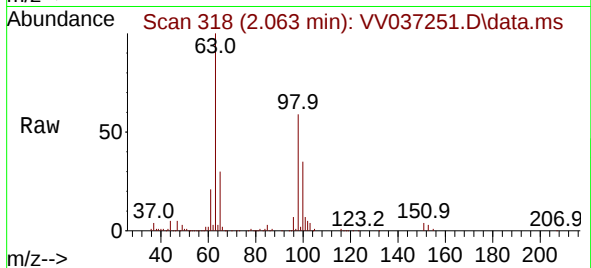




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.264 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV037251.D
 Acq: 11 Sep 2024 11:45

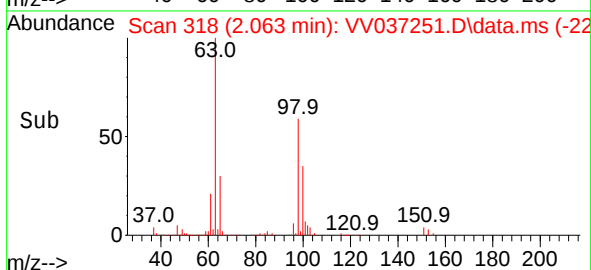
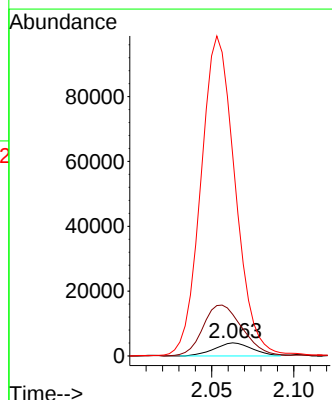
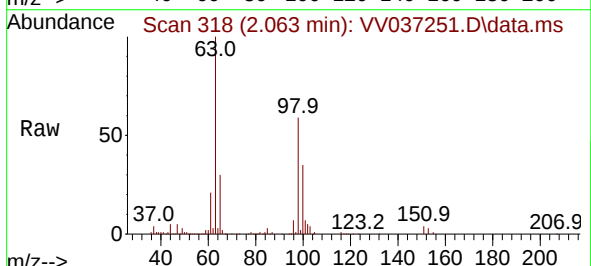
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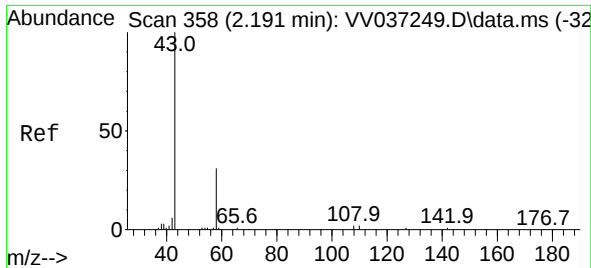
Tgt Ion:101 Resp: 6455
 Ion Ratio Lower Upper
 101 100
 85 42.0 35.1 52.7
 151 59.5 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 0.279 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV037251.D
 Acq: 11 Sep 2024 11:45

Tgt Ion: 96 Resp: 6507
 Ion Ratio Lower Upper
 96 100
 61 317.4 119.9 222.7#
 63 1532.2 81.4 151.2#





#13

Acetone

Concen: 0.823 ug/L

RT: 2.185 min Scan# 356

Delta R.T. -0.007 min

Lab File: VV037251.D

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Instrument :

MSVOA_V

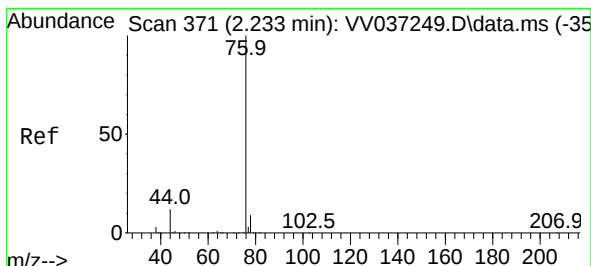
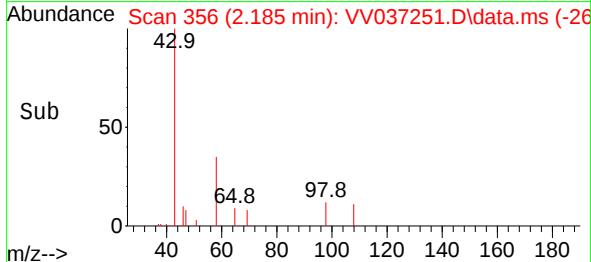
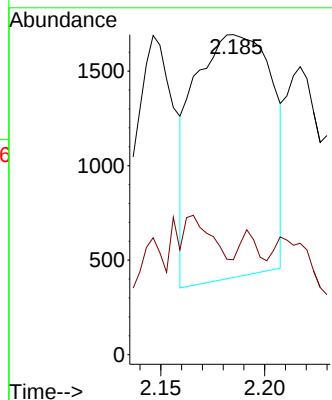
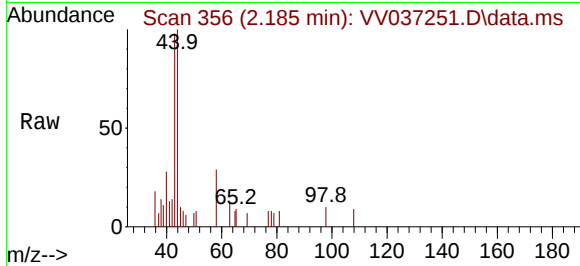
ClientSampleId :

Tgt Ion: 43 Resp: 3341

Ion Ratio Lower Upper

43 100

58 16.6 0.0 69.2



#14

Carbon disulfide

Concen: 0.222 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.000 min

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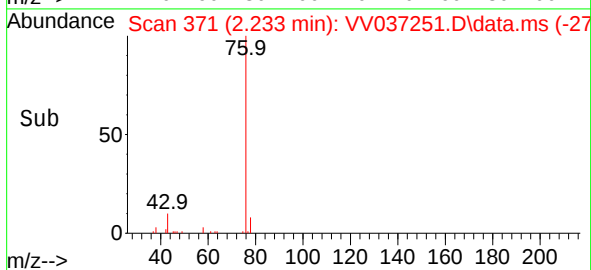
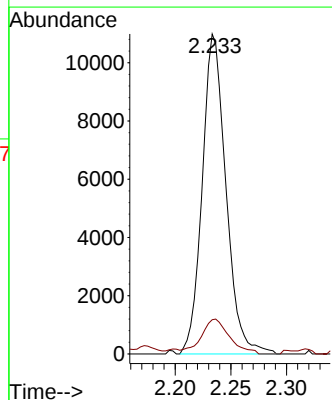
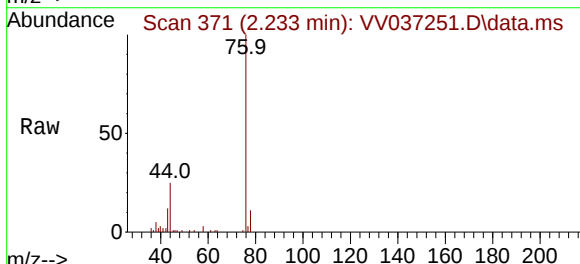
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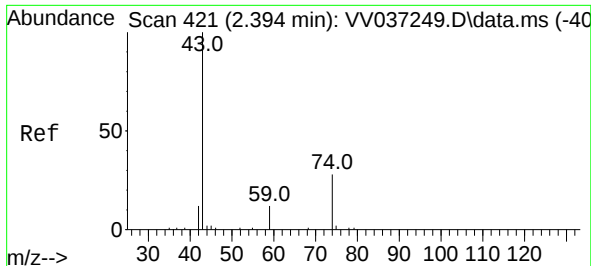
Tgt Ion: 76 Resp: 16300

Ion Ratio Lower Upper

76 100

78 10.7 7.3 10.9





#15

Methyl Acetate

Concen: 0.076 ug/L

RT: 2.404 min Scan# 41

Delta R.T. 0.010 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Instrument :

MSVOA_V

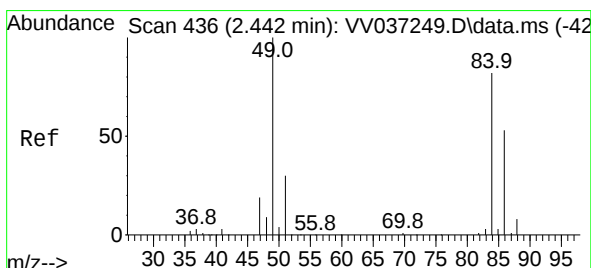
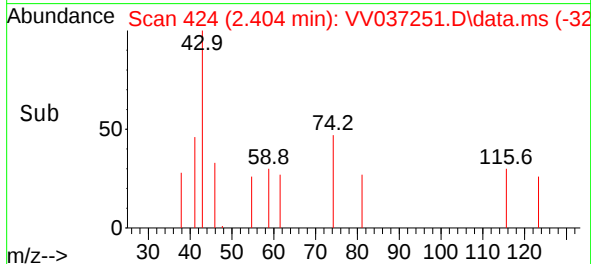
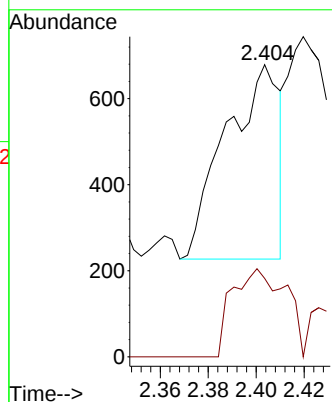
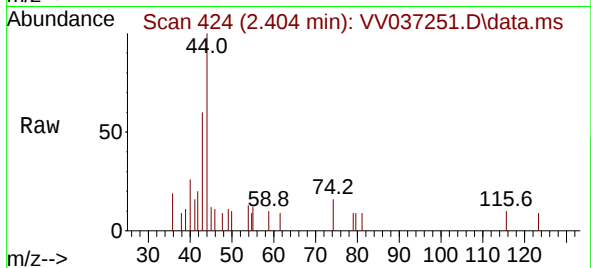
ClientSampleId :

Tgt Ion: 43 Resp: 703

Ion Ratio Lower Upper

43 100

74 45.1 21.0 31.4#



#16

Methylene chloride

Concen: 0.387 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

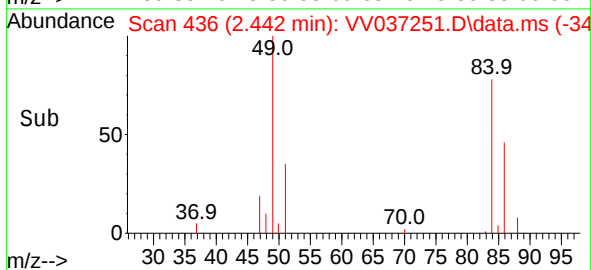
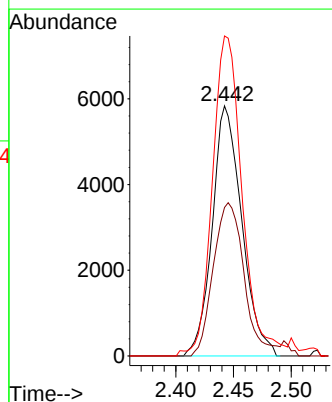
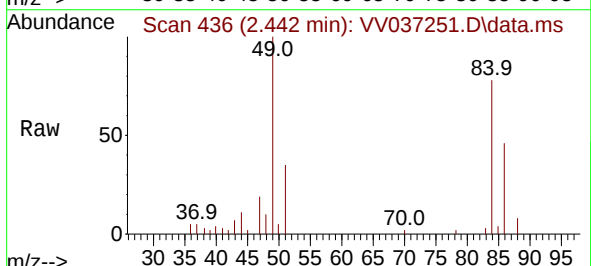
Tgt Ion: 84 Resp: 10374

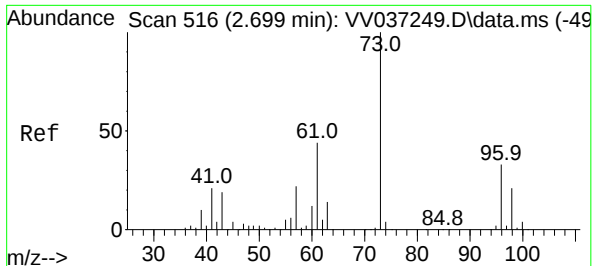
Ion Ratio Lower Upper

84 100

86 59.3 44.0 81.8

49 127.9 83.0 154.1





#17

Methyl tert-butyl Ether

Concen: 0.216 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.006 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Instrument :

MSVOA_V

ClientSampleId :

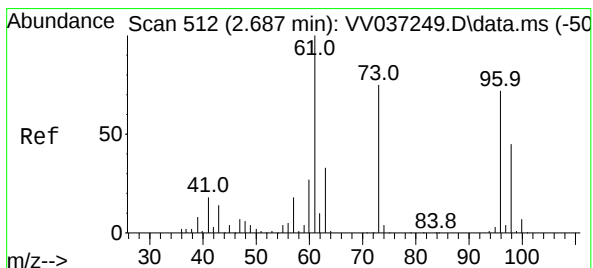
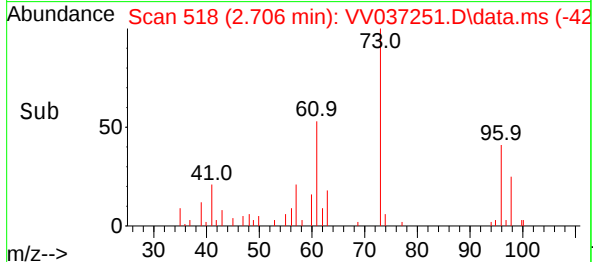
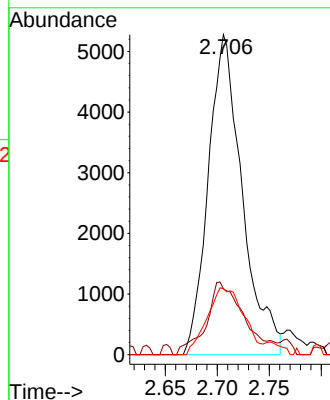
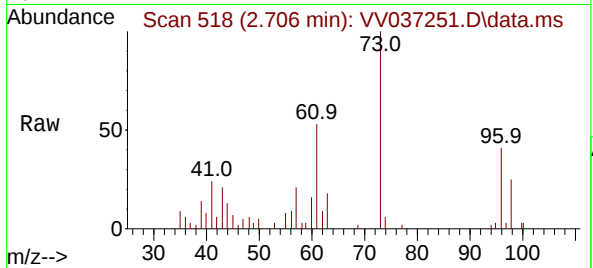
Tgt Ion: 73 Resp: 11981

Ion Ratio Lower Upper

73 100

43 25.4 14.5 21.7#

57 22.8 17.7 26.5



#18

trans-1,2-Dichloroethene

Concen: 0.237 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.006 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

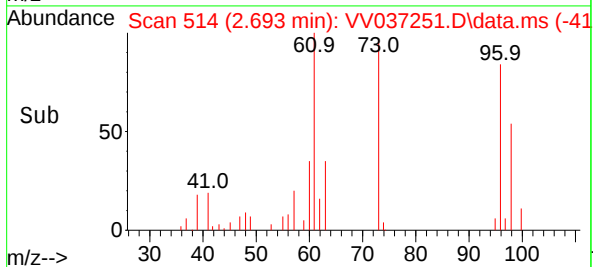
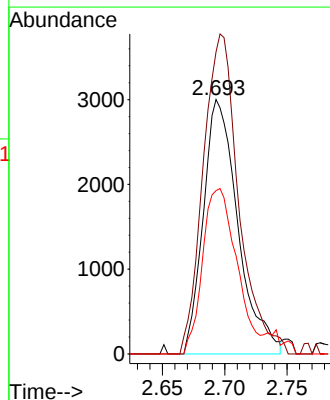
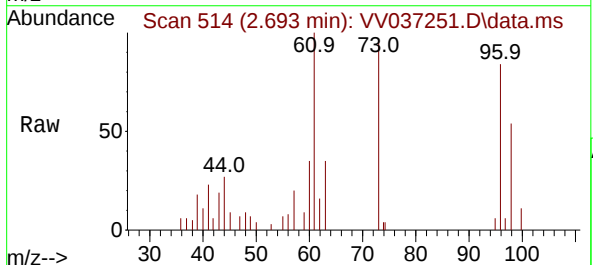
Tgt Ion: 96 Resp: 5802

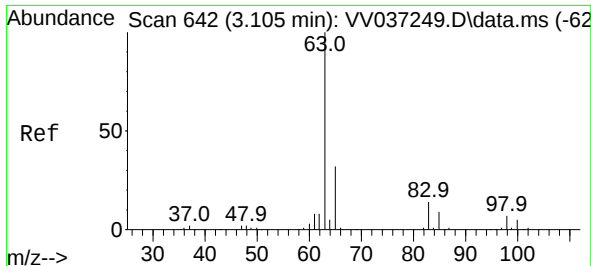
Ion Ratio Lower Upper

96 100

61 118.7 92.8 172.4

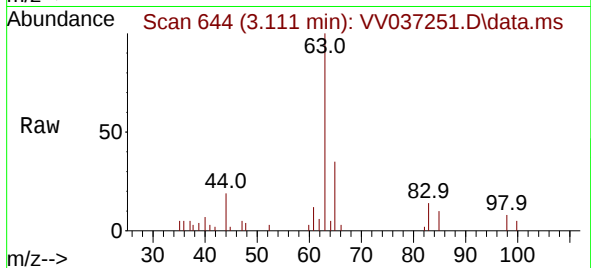
98 64.2 43.0 79.8



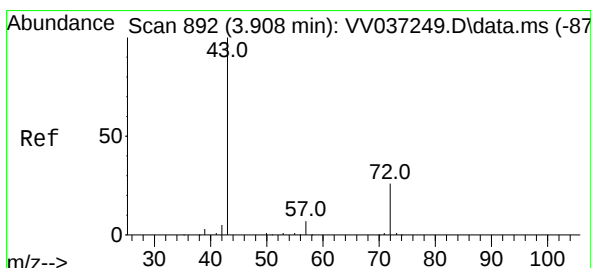
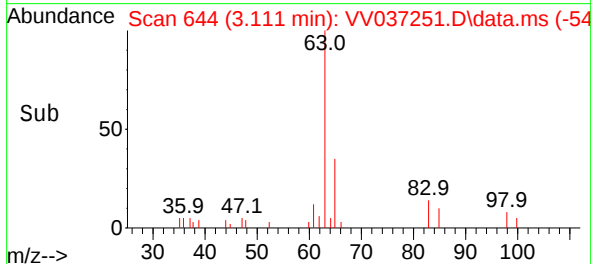
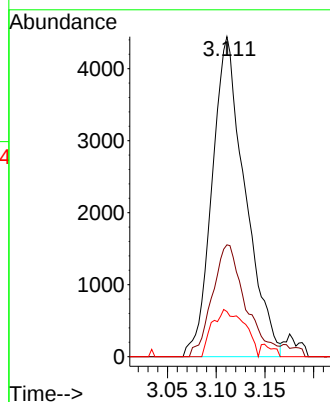


#19
1,1-Dichloroethane
Concen: 0.223 ug/L
RT: 3.111 min Scan# 64
Delta R.T. 0.006 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Instrument :
MSVOA_V
ClientSampleId :

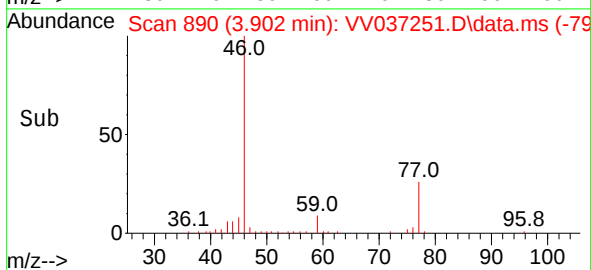
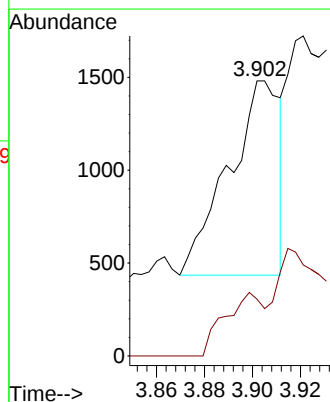
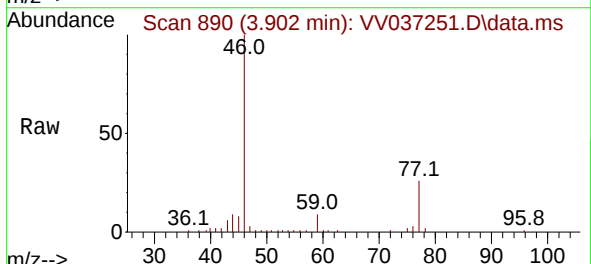


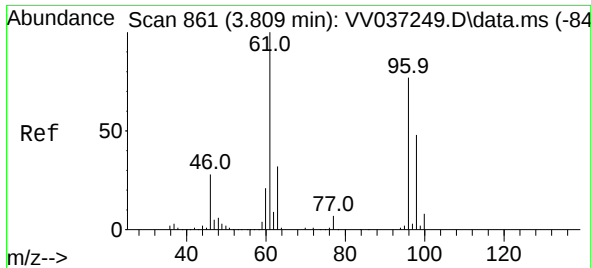
Tgt Ion: 63 Resp: 10452
Ion Ratio Lower Upper
63 100
65 34.9 22.5 41.7
83 14.1 8.9 16.5



#21
2-Butanone
Concen: 0.252 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.007 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Tgt Ion: 43 Resp: 1556
Ion Ratio Lower Upper
43 100
72 24.4 12.2 36.6





#22

cis-1,2-Dichloroethene

Concen: 0.213 ug/L

RT: 3.825 min Scan# 861

Delta R.T. 0.016 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Instrument :

MSVOA_V

ClientSampleId :

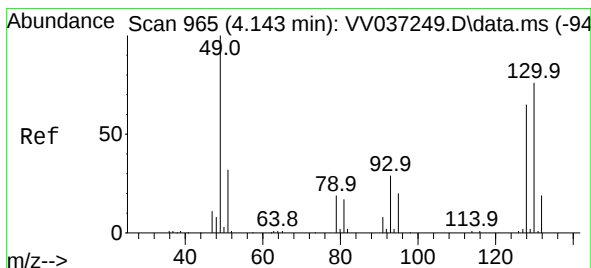
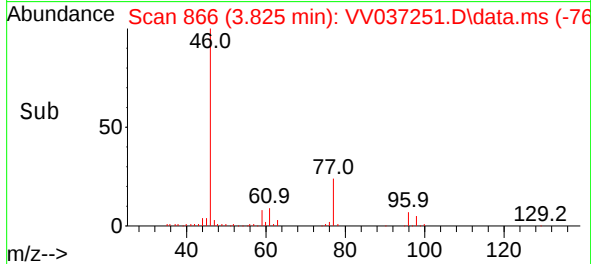
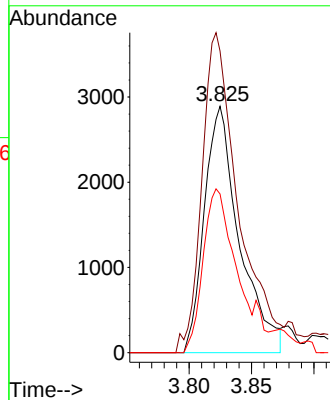
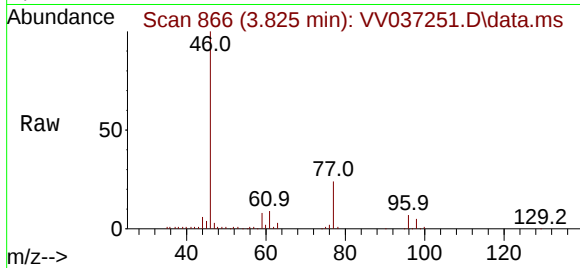
Tgt Ion: 96 Resp: 5649

Ion Ratio Lower Upper

96 100

61 122.4 87.6 162.6

98 64.4 44.9 83.5



#23

Bromochloromethane

Concen: 0.245 ug/L

RT: 4.156 min Scan# 969

Delta R.T. 0.013 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Tgt Ion: 128 Resp: 2815

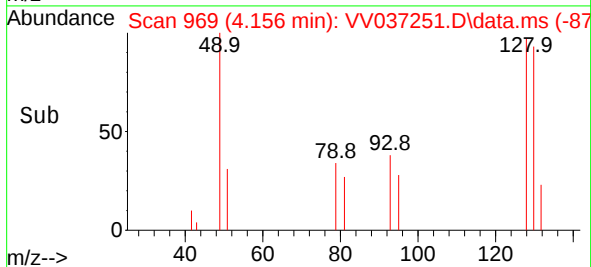
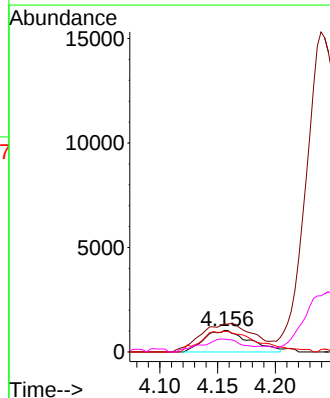
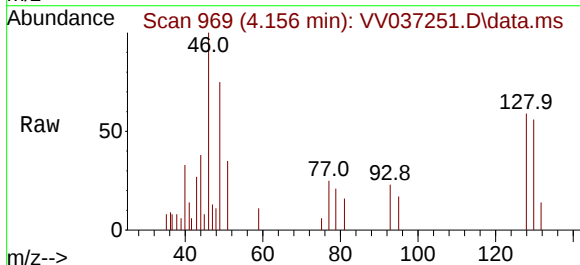
Ion Ratio Lower Upper

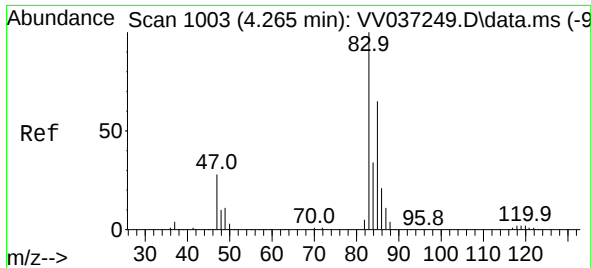
128 100

49 128.5 114.0 211.8

130 95.5 89.3 165.9

51 59.4 43.0 64.4





#25

Chloroform

Concen: 0.295 ug/L

RT: 4.268 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Instrument :

MSVOA_V

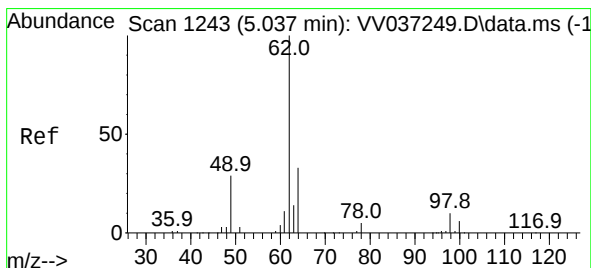
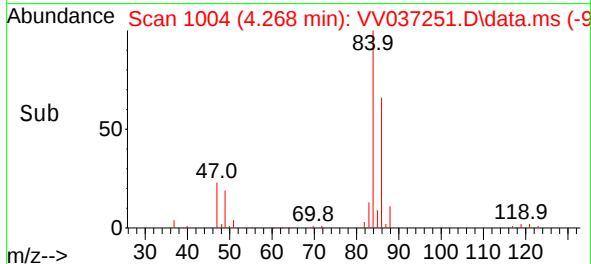
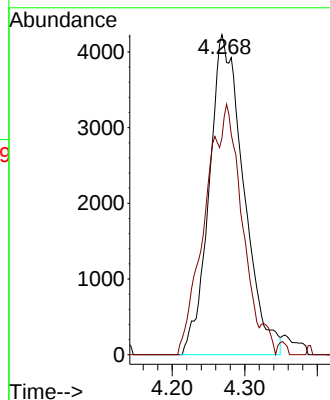
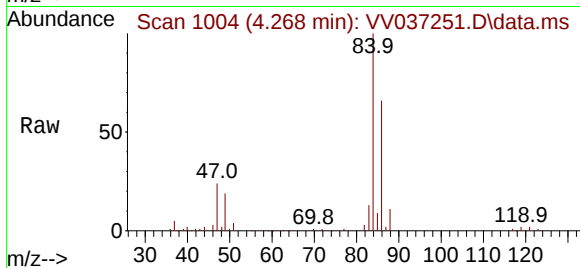
ClientSampleId :

Tgt Ion: 83 Resp: 13892

Ion Ratio Lower Upper

83 100

85 67.7 43.8 81.4



#27

1,2-Dichloroethane

Concen: 0.216 ug/L

RT: 5.069 min Scan# 1253

Delta R.T. 0.032 min

Lab File: VV037251.D

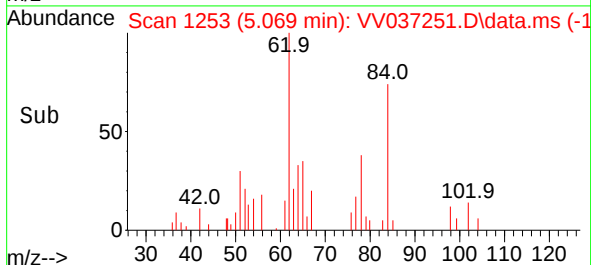
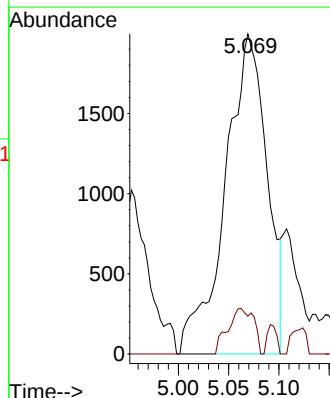
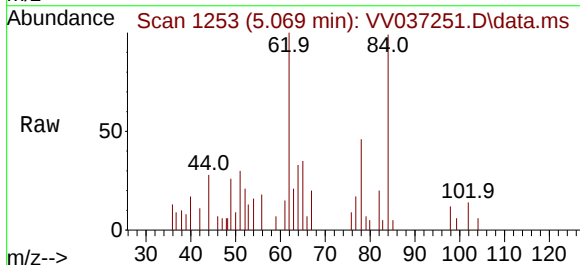
Acq: 11 Sep 2024 11:45

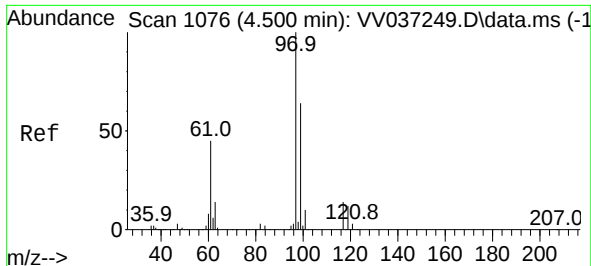
Tgt Ion: 62 Resp: 5754

Ion Ratio Lower Upper

62 100

98 11.8 8.2 12.4

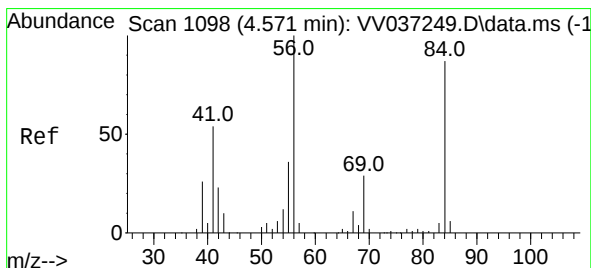
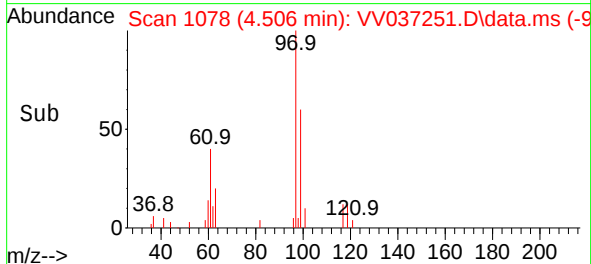
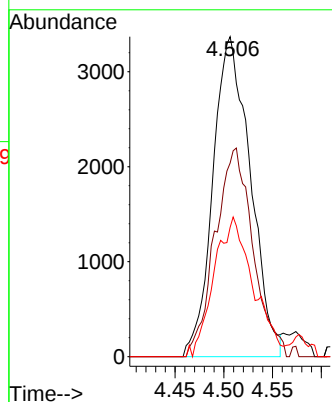
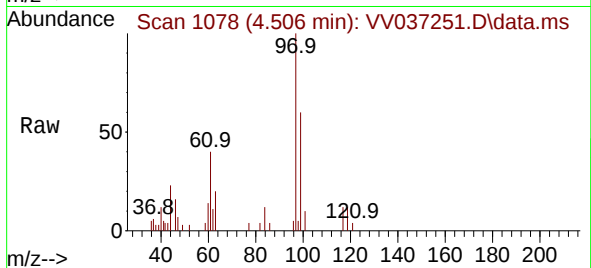




#29
1,1,1-Trichloroethane
Concen: 0.224 ug/L
RT: 4.506 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

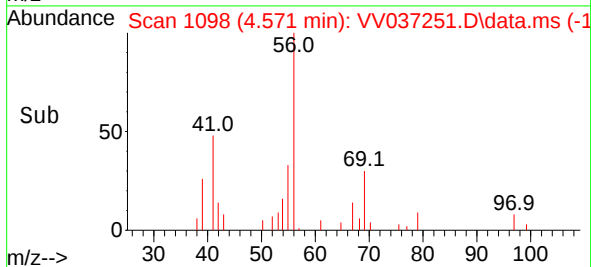
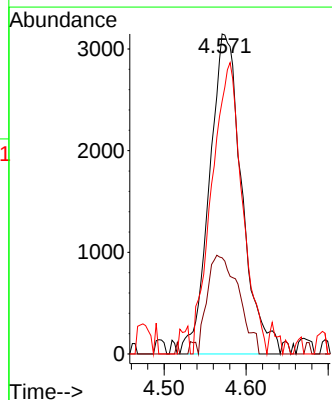
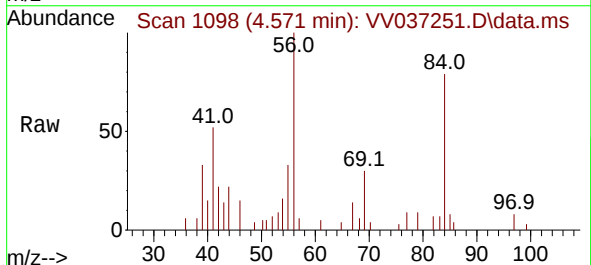
Instrument :
MSVOA_V
ClientSampleId :

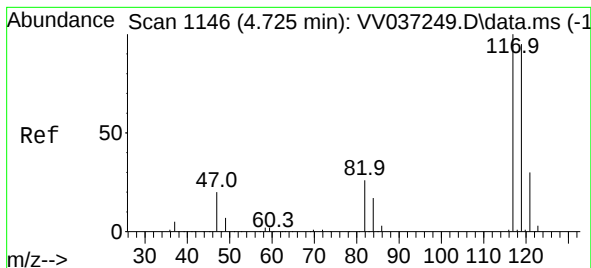
Tgt Ion: 97 Resp: 8983
Ion Ratio Lower Upper
97 100
99 65.9 50.0 75.0
61 45.8 34.3 51.5



#30
Cyclohexane
Concen: 0.221 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.000 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Tgt Ion: 56 Resp: 8599
Ion Ratio Lower Upper
56 100
69 30.1 24.1 36.1
84 86.2 73.1 109.7





#31

Carbon tetrachloride

Concen: 0.222 ug/L

RT: 4.738 min Scan# 1146

Delta R.T. 0.013 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Instrument :

MSVOA_V

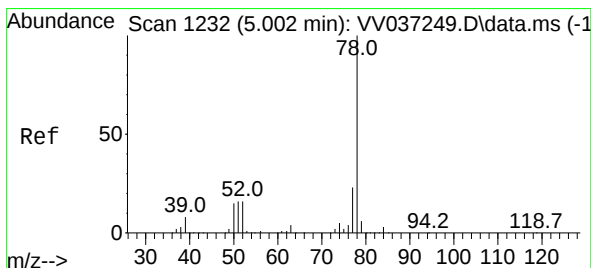
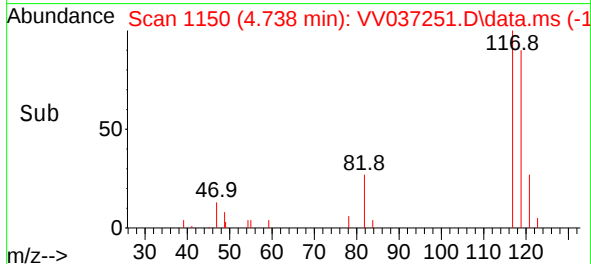
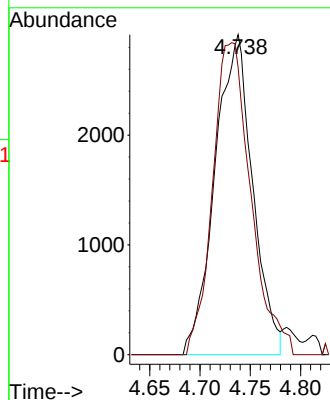
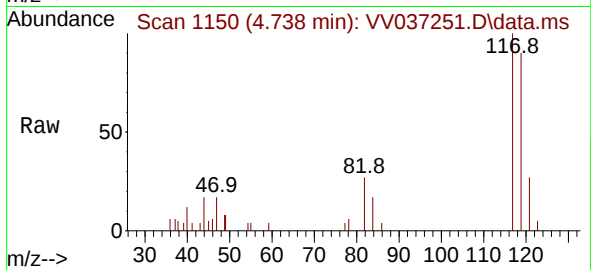
ClientSampleId :

Tgt Ion:117 Resp: 7584

Ion Ratio Lower Upper

117 100

119 99.0 76.2 114.4



#33

Benzene

Concen: 0.215 ug/L

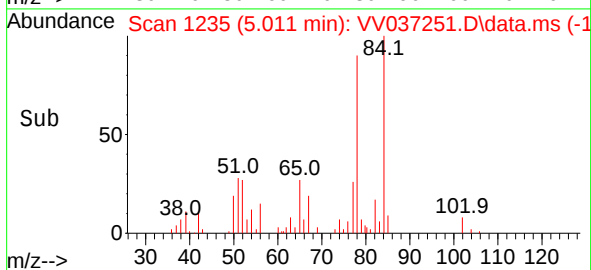
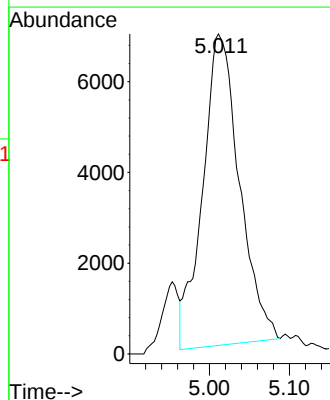
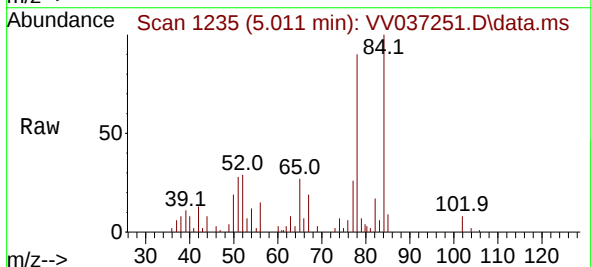
RT: 5.011 min Scan# 1235

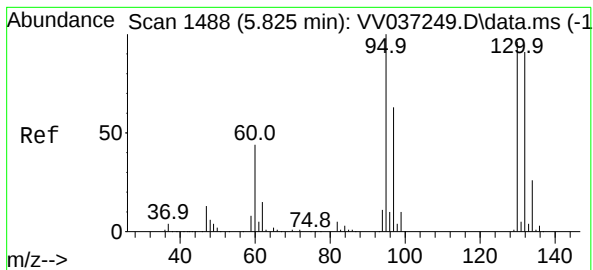
Delta R.T. 0.010 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Tgt Ion: 78 Resp: 21920





#34

Trichloroethene

Concen: 0.259 ug/L

RT: 5.844 min Scan# 1488

Delta R.T. 0.019 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 7132

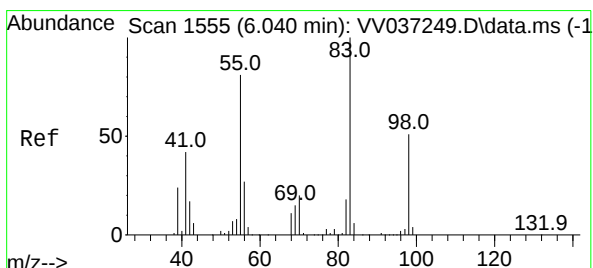
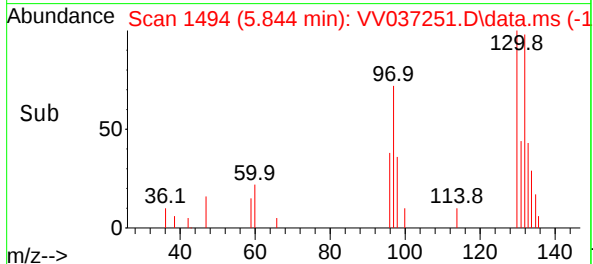
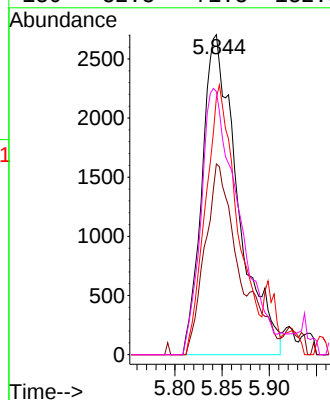
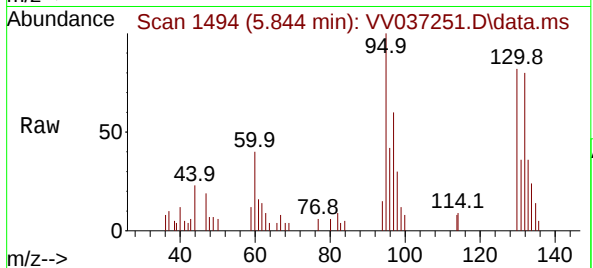
Ion Ratio Lower Upper

95 100

97 59.6 46.5 86.5

132 80.2 65.5 121.7

130 82.3 71.3 132.3



#35

Methylcyclohexane

Concen: 0.193 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.006 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

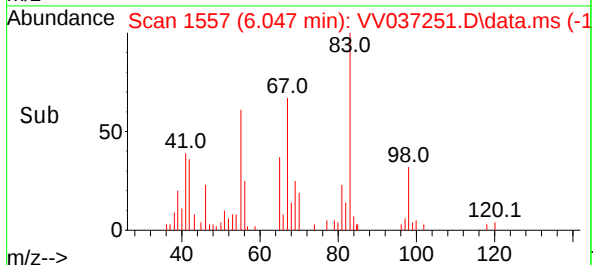
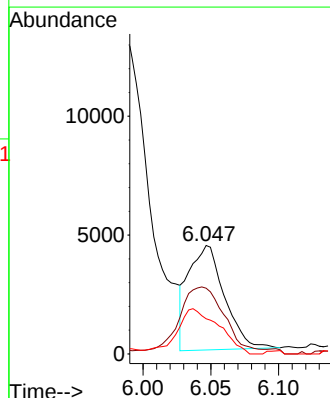
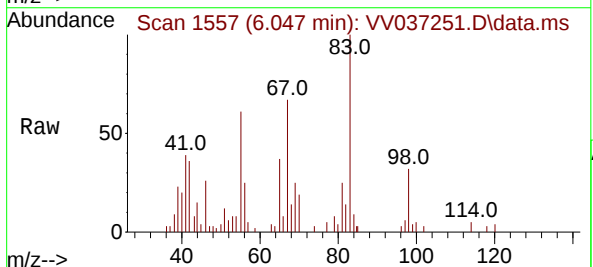
Tgt Ion: 83 Resp: 8068

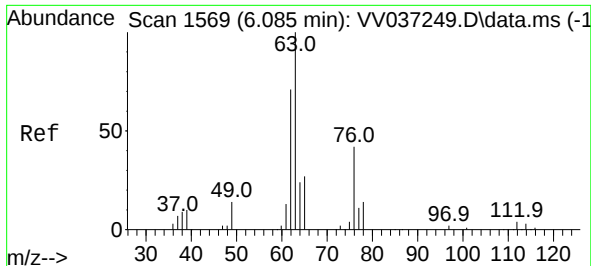
Ion Ratio Lower Upper

83 100

55 75.5 60.3 90.5

98 51.4 38.2 57.4

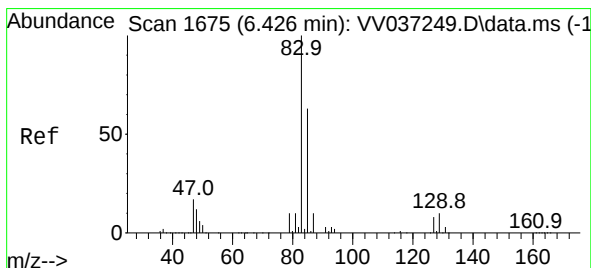
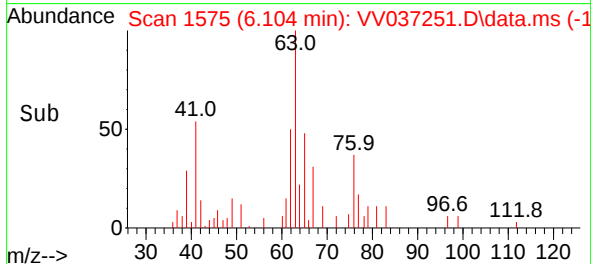
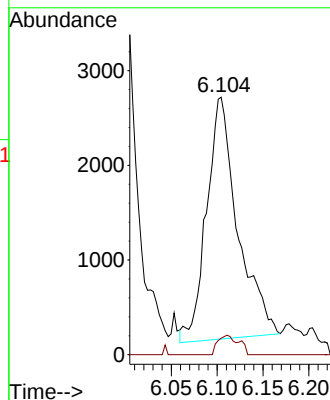
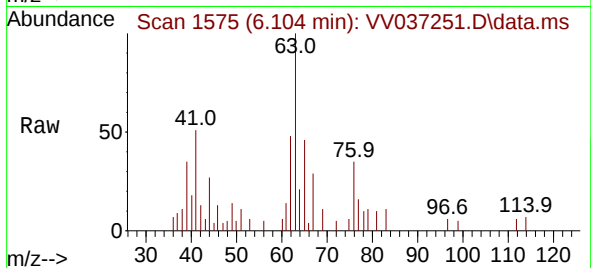




#37
1,2-Dichloropropane
Concen: 0.232 ug/L
RT: 6.104 min Scan# 1569
Delta R.T. 0.019 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

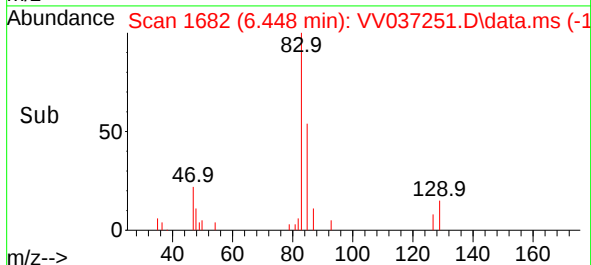
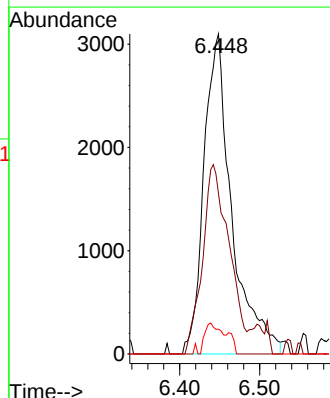
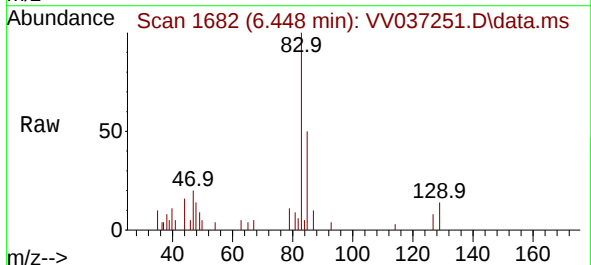
Instrument :
MSVOA_V
ClientSampleId :

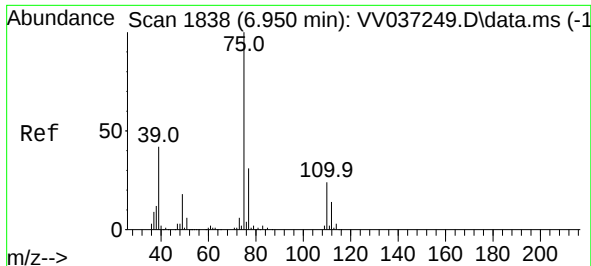
Tgt Ion: 63 Resp: 6032
Ion Ratio Lower Upper
63 100
112 5.4 3.7 5.5



#38
Bromodichloromethane
Concen: 0.231 ug/L
RT: 6.448 min Scan# 1682
Delta R.T. 0.022 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Tgt Ion: 83 Resp: 7498
Ion Ratio Lower Upper
83 100
85 50.2 43.7 81.1
127 7.7 6.7 10.1

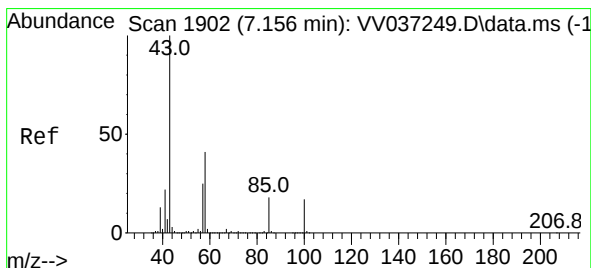
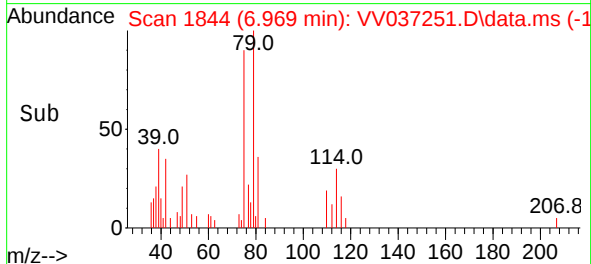
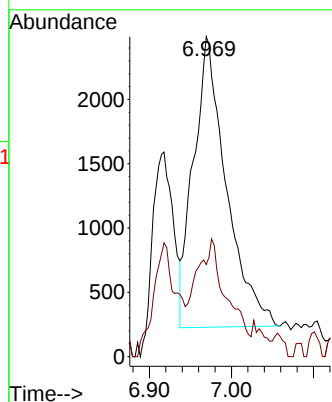
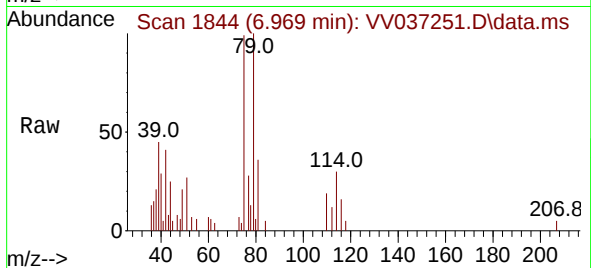




#39
cis-1,3-Dichloropropene
Concen: 0.166 ug/L
RT: 6.969 min Scan# 11
Delta R.T. 0.019 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

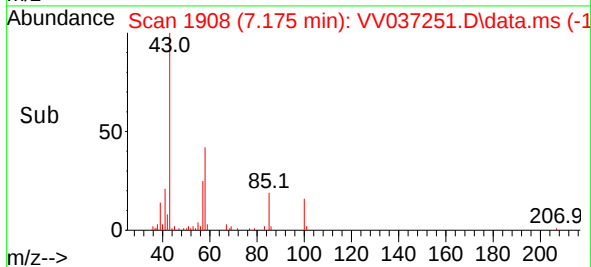
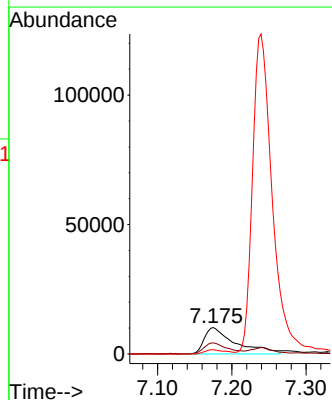
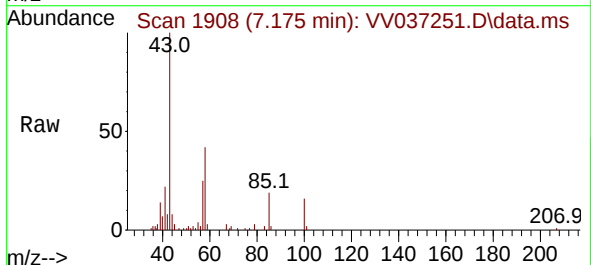
Instrument :
MSVOA_V
ClientSampleId :

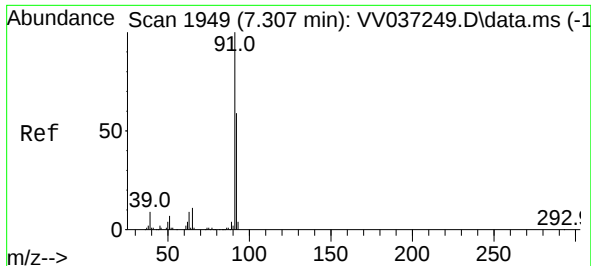
Tgt Ion: 75 Resp: 6264
Ion Ratio Lower Upper
75 100
77 28.8 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 2.014 ug/L
RT: 7.175 min Scan# 1908
Delta R.T. 0.019 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Tgt Ion: 43 Resp: 29966
Ion Ratio Lower Upper
43 100
58 31.8 31.7 47.5
100 0.0 12.6 19.0#





#42

Toluene

Concen: 0.216 ug/L

RT: 7.323 min Scan# 1949

Delta R.T. 0.016 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Instrument :

MSVOA_V

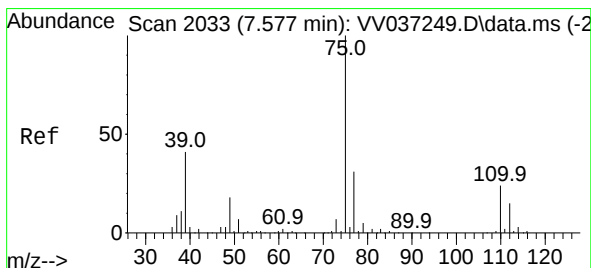
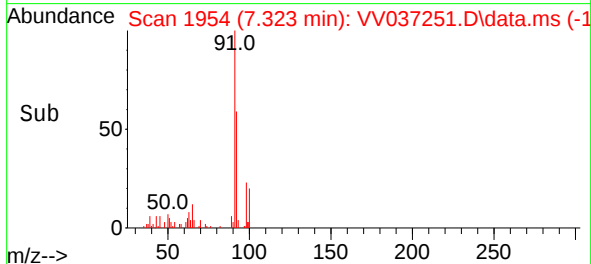
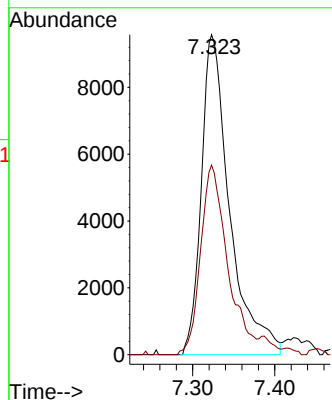
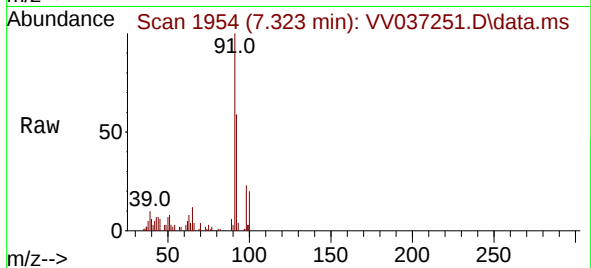
ClientSampleId :

Tgt Ion: 91 Resp: 22956

Ion Ratio Lower Upper

91 100

92 59.3 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 0.252 ug/L

RT: 7.596 min Scan# 2039

Delta R.T. 0.019 min

Lab File: VV037251.D

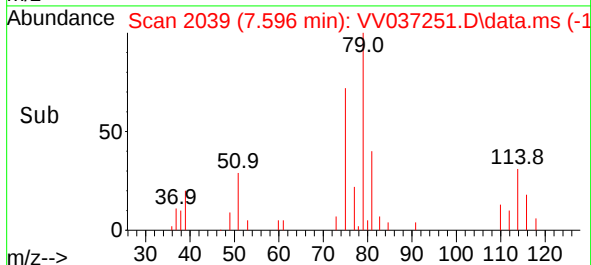
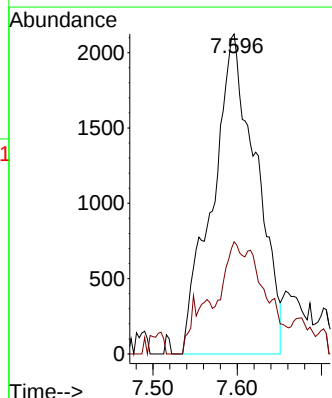
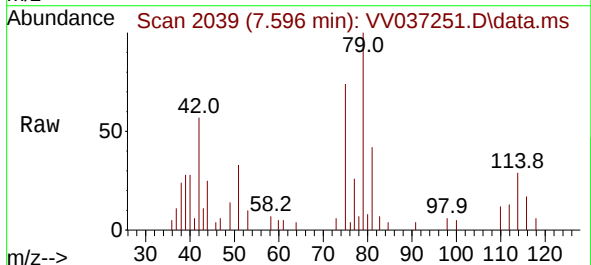
Acq: 11 Sep 2024 11:45

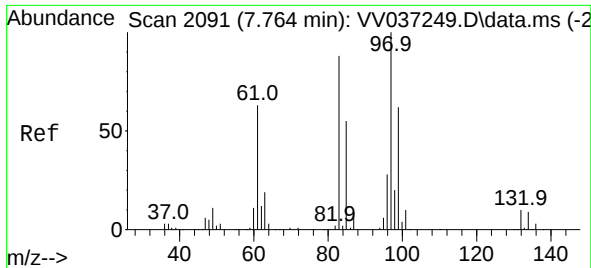
Tgt Ion: 75 Resp: 7643

Ion Ratio Lower Upper

75 100

77 35.0 20.9 38.9

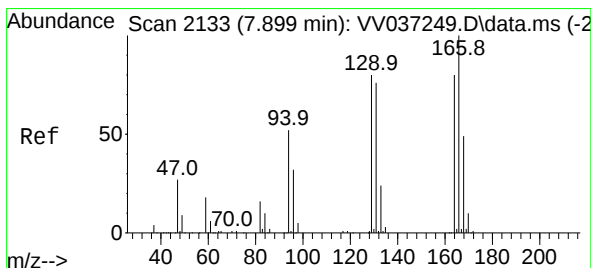
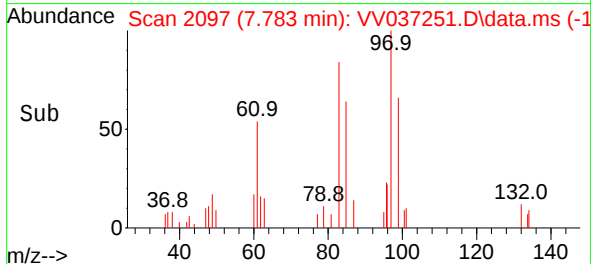
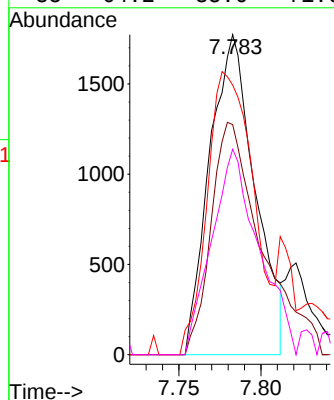
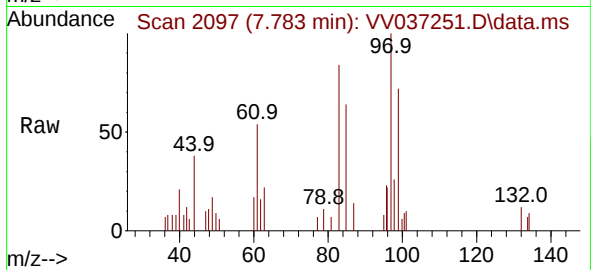




#45
1,1,2-Trichloroethane
Concen: 0.183 ug/L
RT: 7.783 min Scan# 2097
Delta R.T. 0.019 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

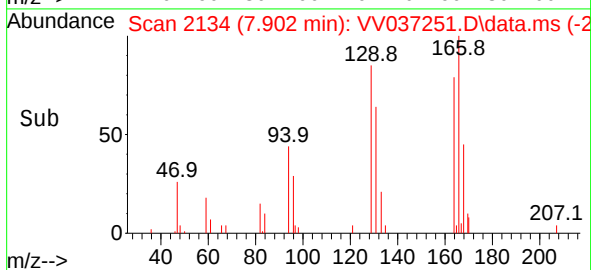
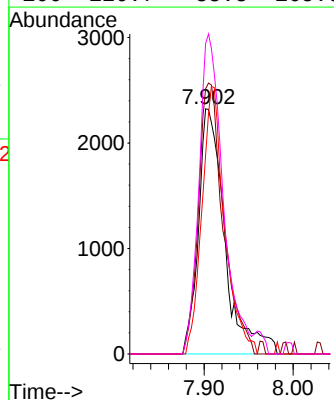
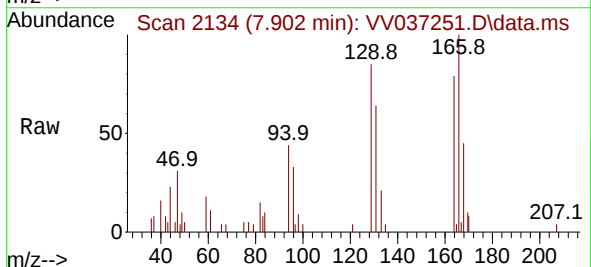
Instrument :
MSVOA_V
ClientSampleId :

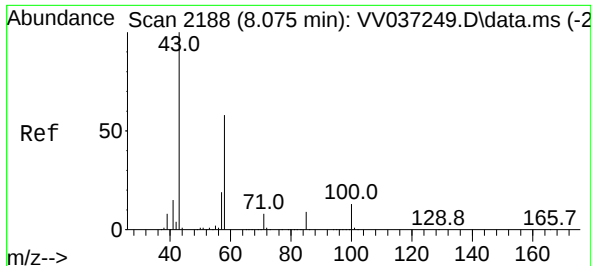
Tgt Ion:	97	Resp:	3401
Ion	Ratio	Lower	Upper
97	100		
99	71.9	43.1	80.1
83	84.3	61.0	113.4
85	64.2	38.6	71.6



#47
Tetrachloroethene
Concen: 0.244 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Tgt Ion:	164	Resp:	4809
Ion	Ratio	Lower	Upper
164	100		
129	108.2	69.2	128.4
131	81.3	66.6	123.8
166	126.7	88.8	165.0

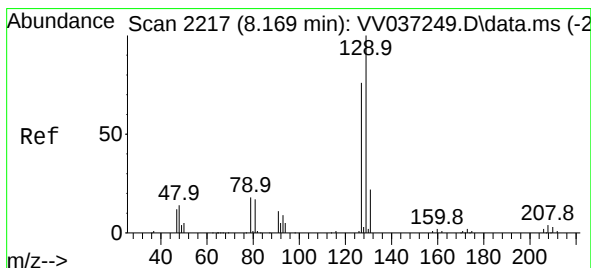
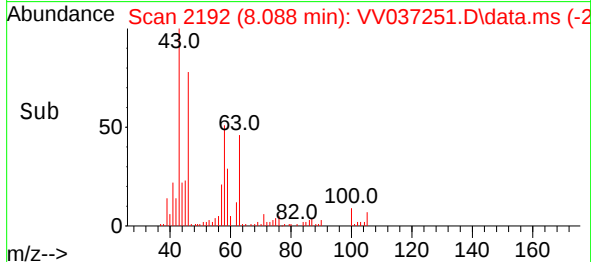
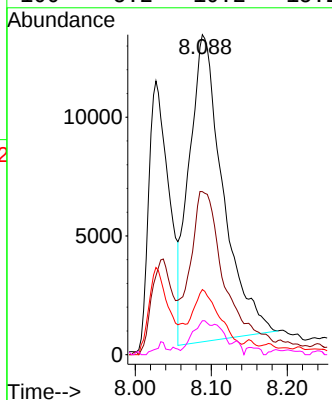
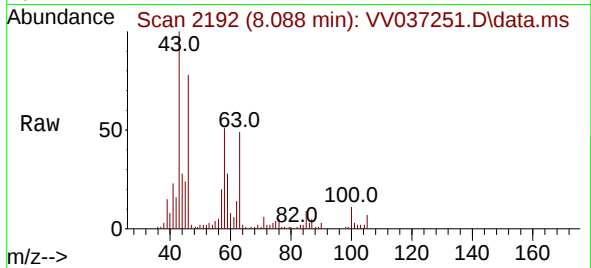




#48
2-Hexanone
Concen: 3.662 ug/L
RT: 8.088 min Scan# 2188
Delta R.T. 0.013 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

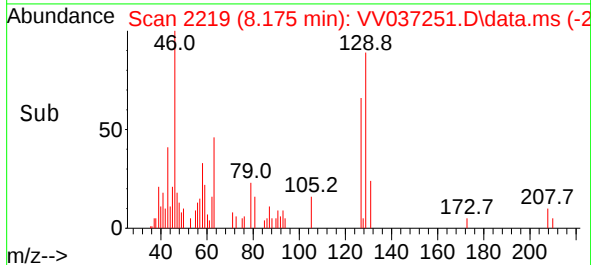
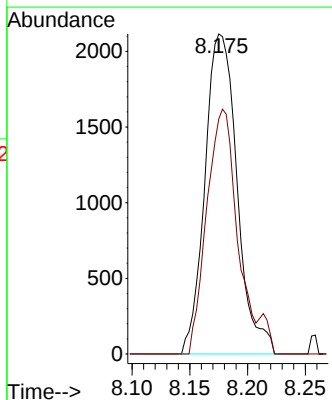
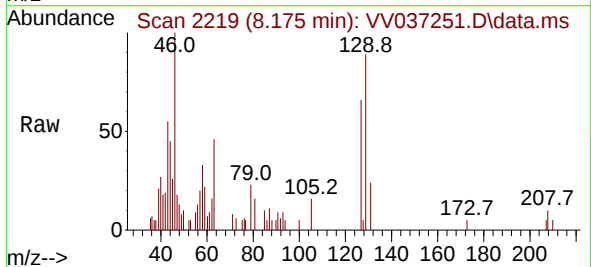
Instrument :
MSVOA_V
ClientSampleId :

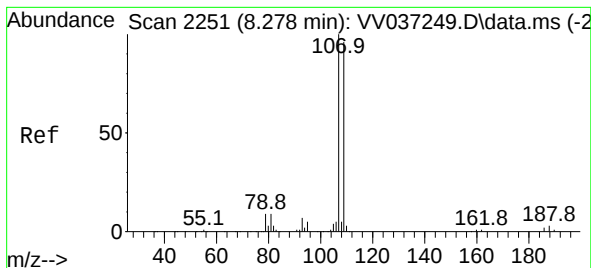
Tgt Ion: 43 Resp: 39812
Ion Ratio Lower Upper
43 100
58 54.2 45.5 68.3
57 16.4 15.3 22.9
100 5.2 10.2 15.2#



#49
Dibromochloromethane
Concen: 0.210 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.006 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Tgt Ion: 129 Resp: 4098
Ion Ratio Lower Upper
129 100
127 73.5 54.5 101.1





#50

1,2-Dibromoethane

Concen: 0.229 ug/L

RT: 8.288 min Scan# 2419

Delta R.T. 0.010 min

Lab File: VV037251.D

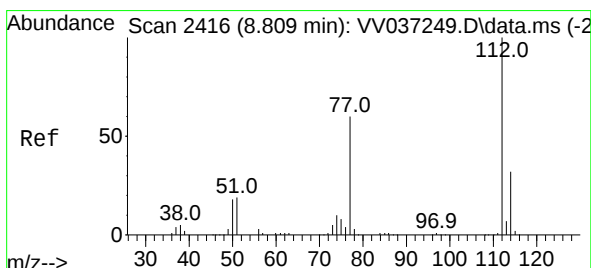
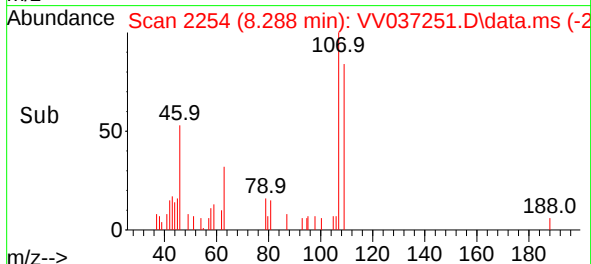
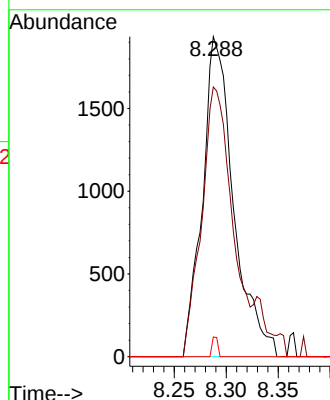
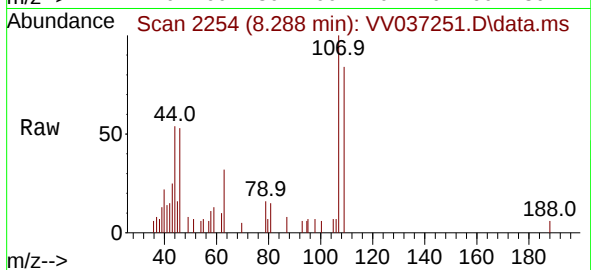
Acq: 11 Sep 2024 11:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	4029
Ion	Ratio	Lower	Upper
107	100		
109	84.3	68.1	126.5
188	6.2	2.7	4.1#



#51

Chlorobenzene

Concen: 0.223 ug/L

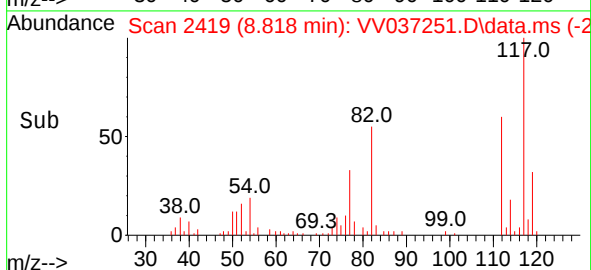
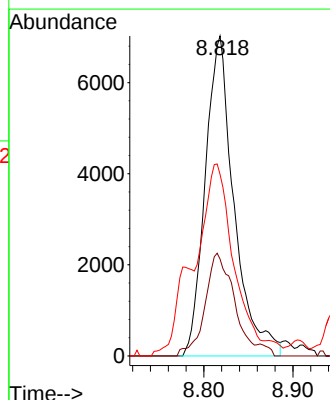
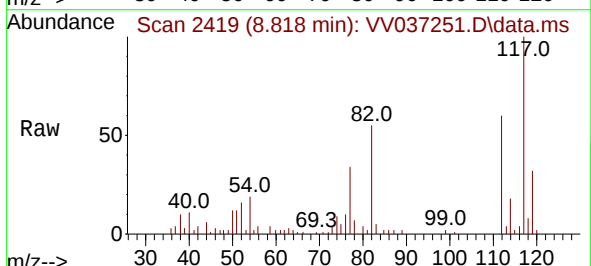
RT: 8.818 min Scan# 2419

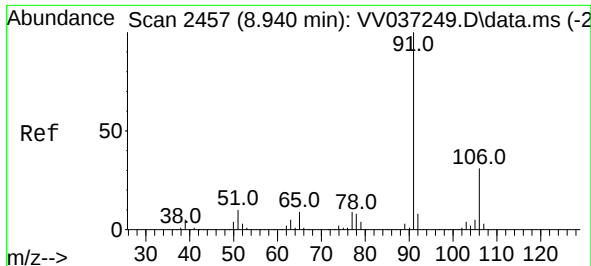
Delta R.T. 0.010 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Tgt Ion:	112	Resp:	15807
Ion	Ratio	Lower	Upper
112	100		
114	30.3	22.6	42.0
77	56.8	47.0	70.6





#52

Ethylbenzene

Concen: 0.216 ug/L

RT: 8.950 min Scan# 2457

Delta R.T. 0.010 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Instrument :

MSVOA_V

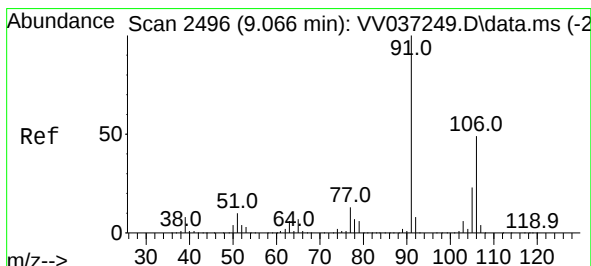
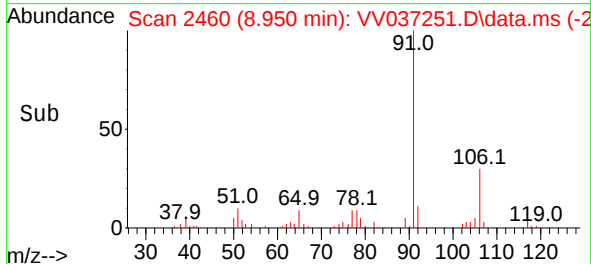
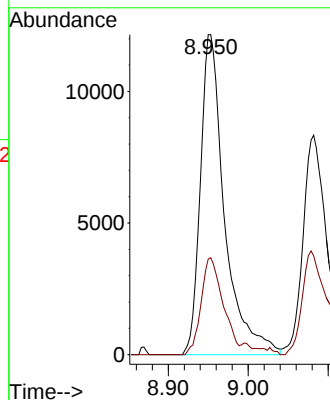
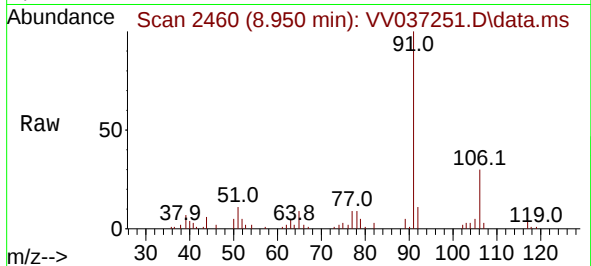
ClientSampleId :

Tgt Ion: 91 Resp: 25590

Ion Ratio Lower Upper

91 100

106 29.8 21.7 40.3



#53

m,p-Xylene

Concen: 0.214 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. 0.013 min

Lab File: VV037251.D

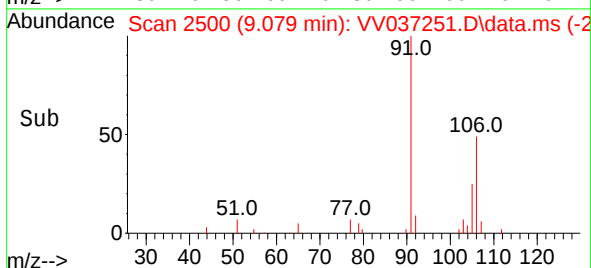
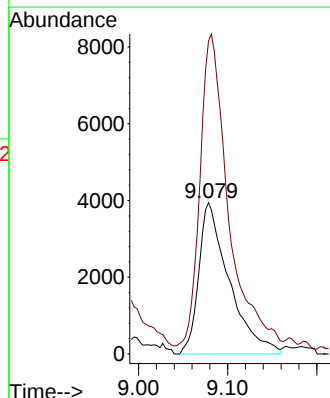
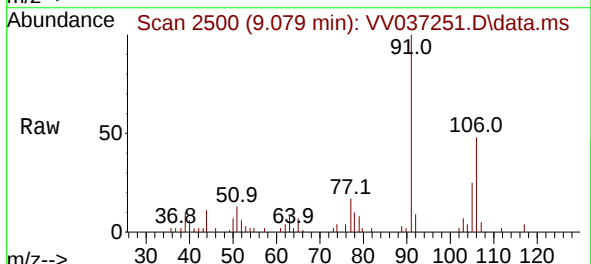
Acq: 11 Sep 2024 11:45

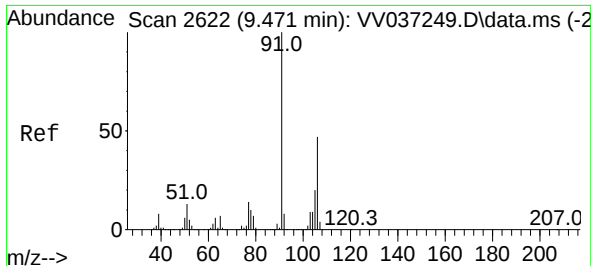
Tgt Ion:106 Resp: 9352

Ion Ratio Lower Upper

106 100

91 206.8 143.3 266.1

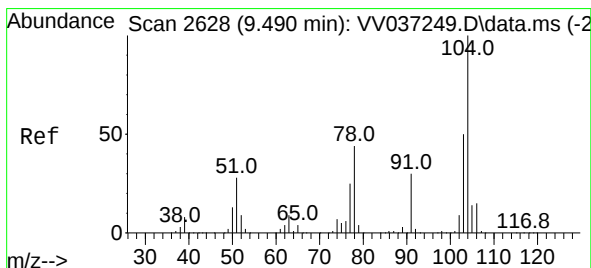
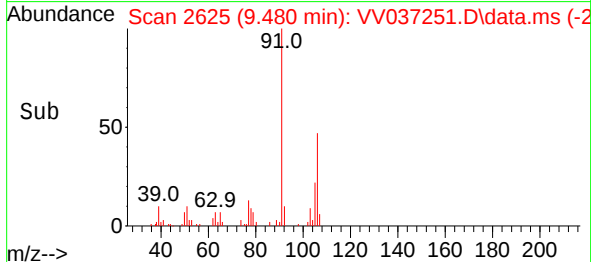
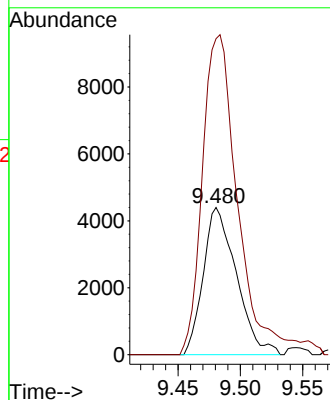
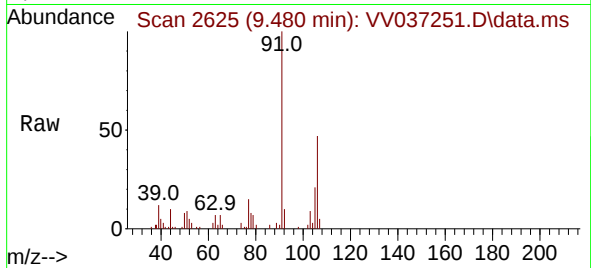




#54
o-Xylene
Concen: 0.188 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.010 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

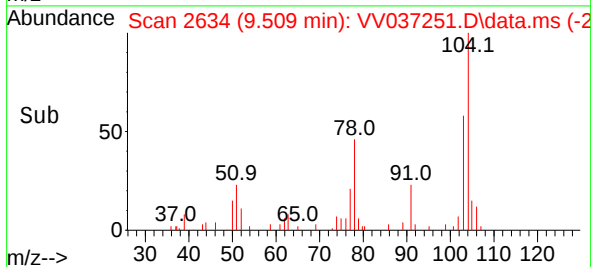
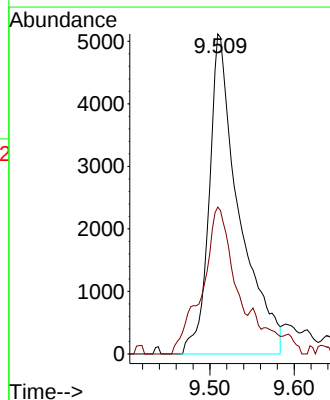
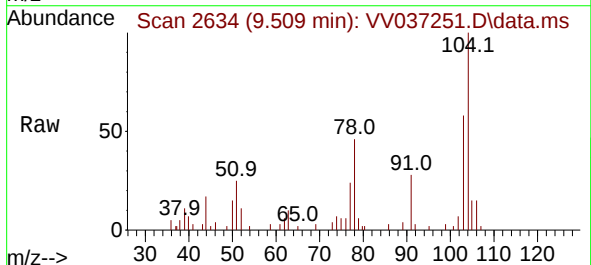
Instrument :
MSVOA_V
ClientSampleId :

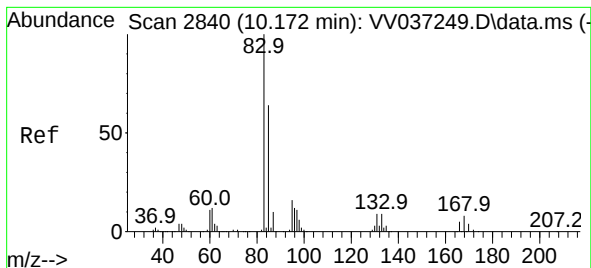
Tgt Ion:106 Resp: 8131
Ion Ratio Lower Upper
106 100
91 214.6 151.8 282.0



#55
Styrene
Concen: 0.172 ug/L
RT: 9.509 min Scan# 2634
Delta R.T. 0.019 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Tgt Ion:104 Resp: 12578
Ion Ratio Lower Upper
104 100
78 45.9 29.2 54.2

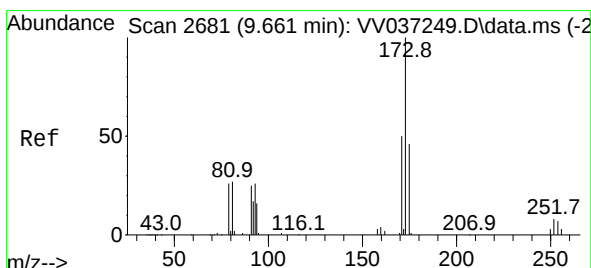
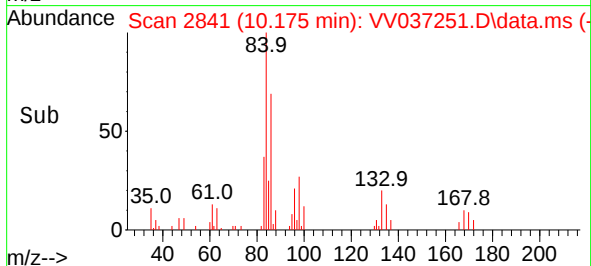
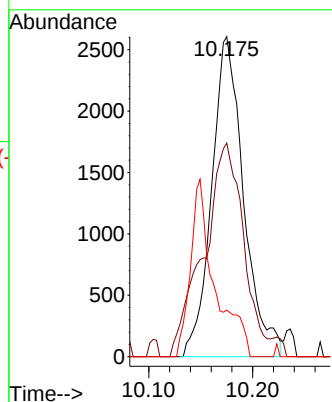
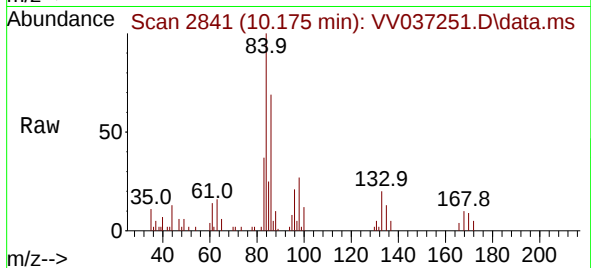




#57
1,1,2,2-Tetrachloroethane
Concen: 0.248 ug/L
RT: 10.175 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

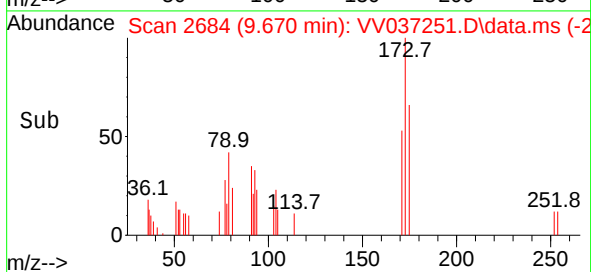
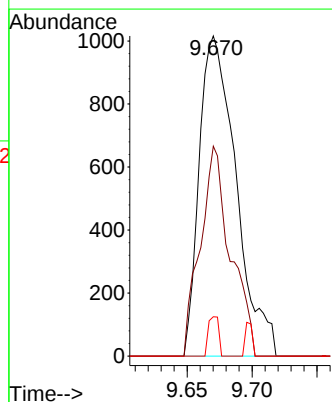
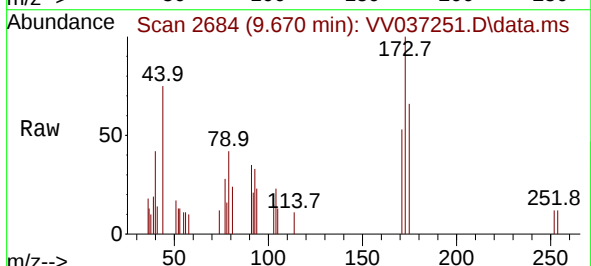
Instrument :
MSVOA_V
ClientSampleId :

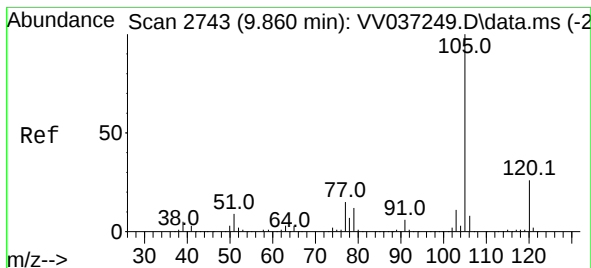
Tgt Ion: 83 Resp: 5562
Ion Ratio Lower Upper
83 100
85 66.7 43.2 80.2
131 14.5 6.9 10.3#



#59
Bromoform
Concen: 0.216 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.010 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Tgt Ion: 173 Resp: 2003
Ion Ratio Lower Upper
173 100
175 54.0 38.7 58.1
254 3.5 6.8 10.2#





#60

Isopropylbenzene

Concen: 0.211 ug/L

RT: 9.866 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV037251.D

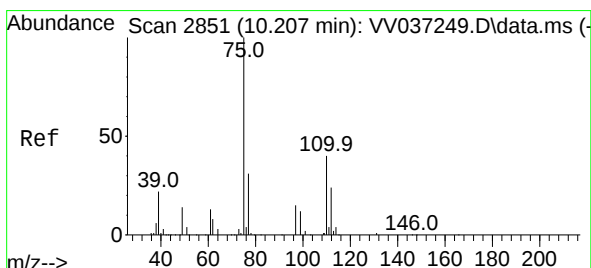
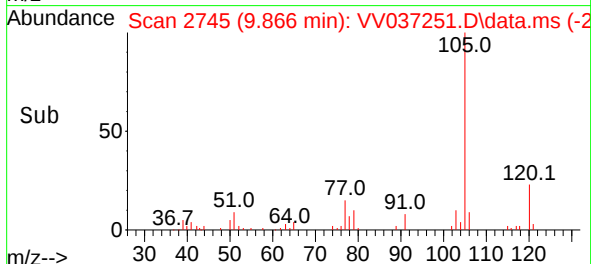
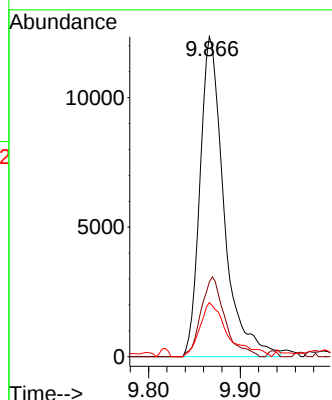
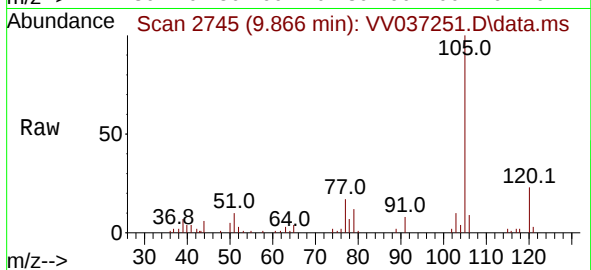
Acq: 11 Sep 2024 11:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	105	Resp:	22436
Ion Ratio	Lower	Upper	
105	100		
120	24.6	20.2	30.4
77	19.6	12.7	19.1#



#61

1,2,3-Trichloropropane

Concen: 0.262 ug/L

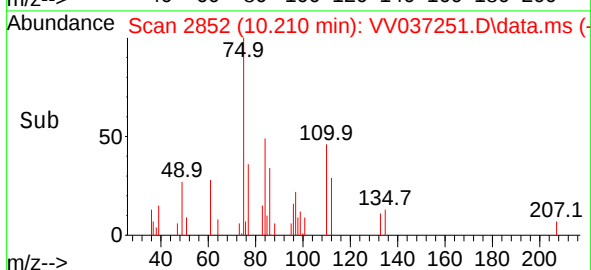
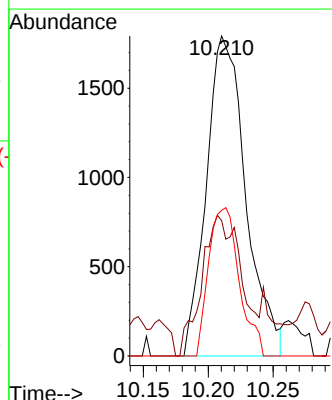
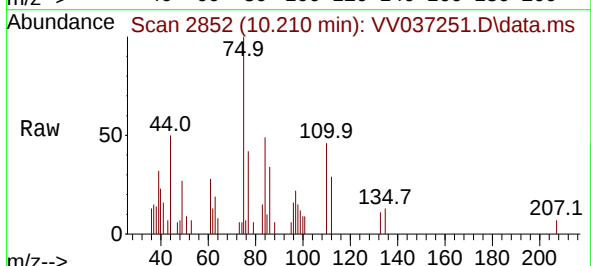
RT: 10.210 min Scan# 2852

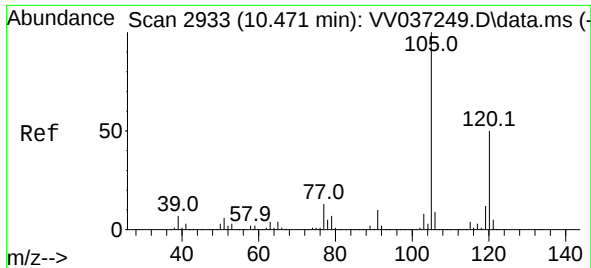
Delta R.T. 0.003 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Tgt Ion:	75	Resp:	3778
Ion Ratio	Lower	Upper	
75	100		
77	44.3	25.6	38.4#
110	35.9	31.0	46.4





#62

1,3,5-Trimethylbenzene

Concen: 0.212 ug/L

RT: 10.474 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Instrument :

MSVOA_V

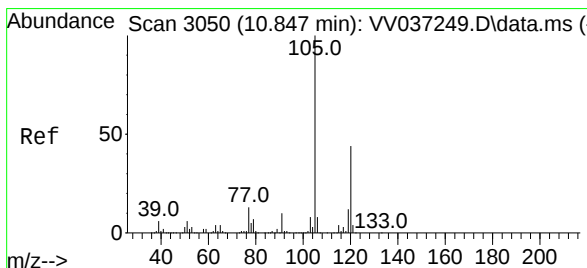
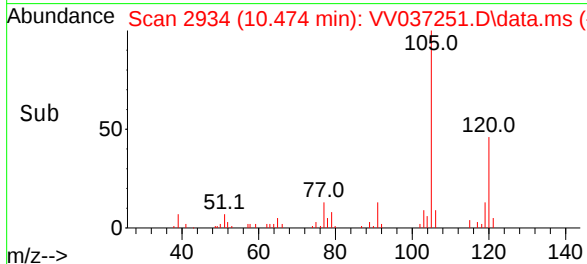
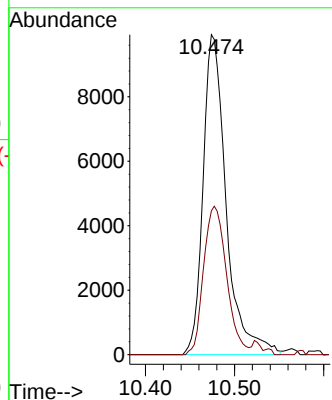
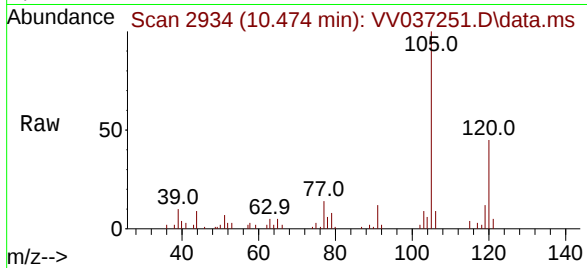
ClientSampleId :

Tgt Ion:105 Resp: 17883

Ion Ratio Lower Upper

105 100

120 46.2 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 0.210 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.006 min

Lab File: VV037251.D

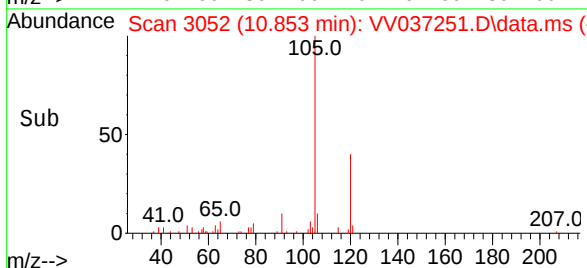
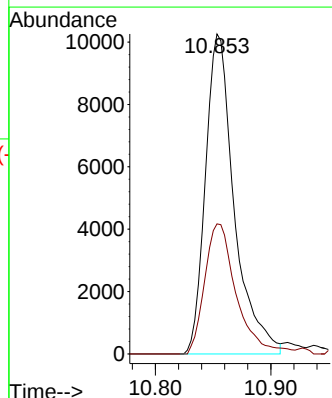
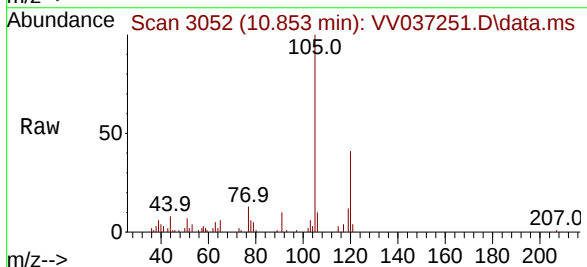
Acq: 11 Sep 2024 11:45

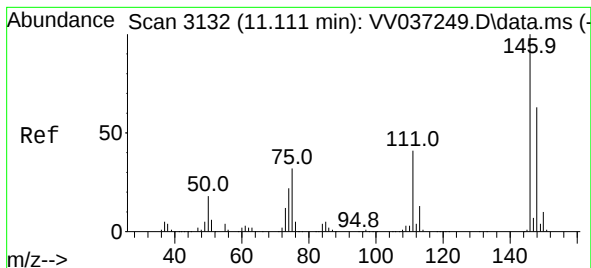
Tgt Ion:105 Resp: 17752

Ion Ratio Lower Upper

105 100

120 44.7 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 0.239 ug/L

RT: 11.123 min Scan# 3132

Delta R.T. 0.013 min

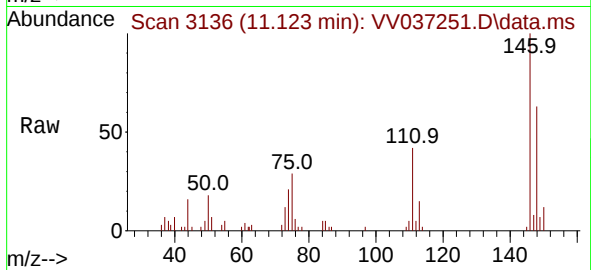
Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Instrument :

MSVOA_V

ClientSampleId :



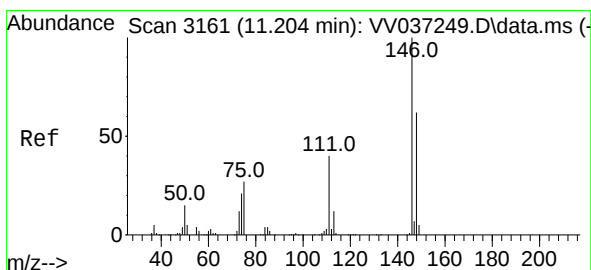
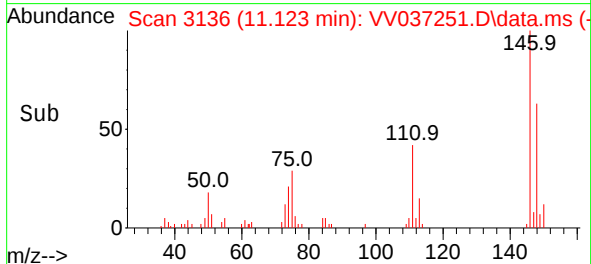
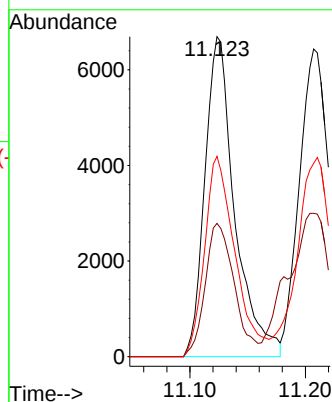
Tgt Ion:146 Resp: 11996

Ion Ratio Lower Upper

146 100

111 41.7 28.8 53.4

148 62.6 45.6 84.6



#65

1,4-Dichlorobenzene

Concen: 0.247 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

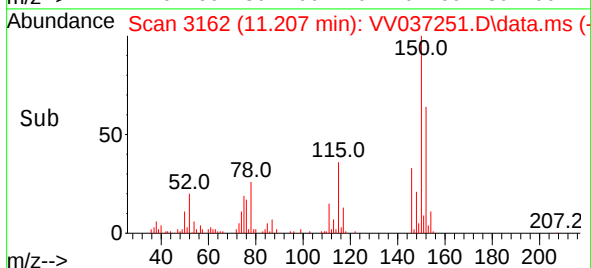
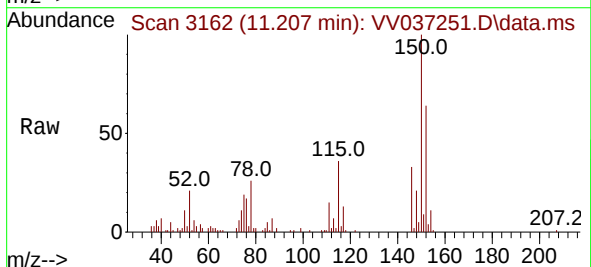
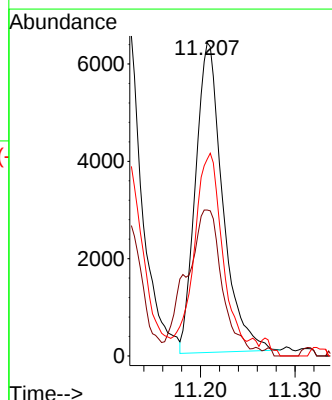
Tgt Ion:146 Resp: 12729

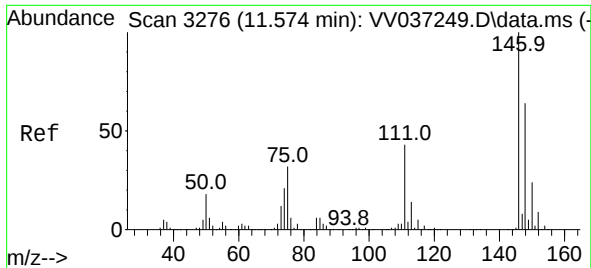
Ion Ratio Lower Upper

146 100

111 46.6 28.2 52.4

148 62.8 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 0.275 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Instrument :

MSVOA_V

ClientSampleId :

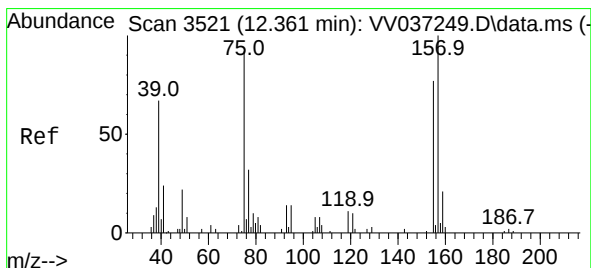
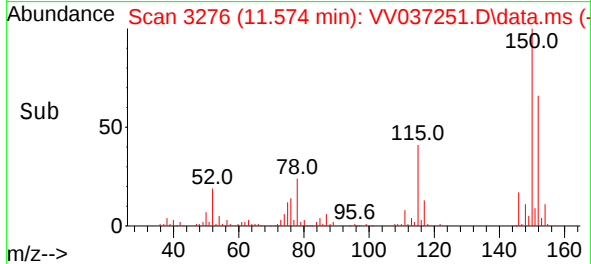
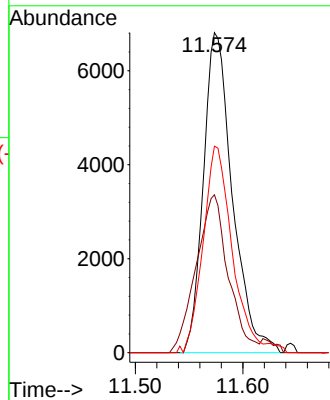
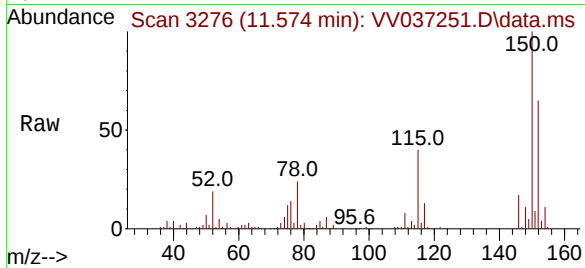
Tgt Ion:146 Resp: 12799

Ion Ratio Lower Upper

146 100

111 49.3 34.4 51.6

148 64.5 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 0.181 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.010 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

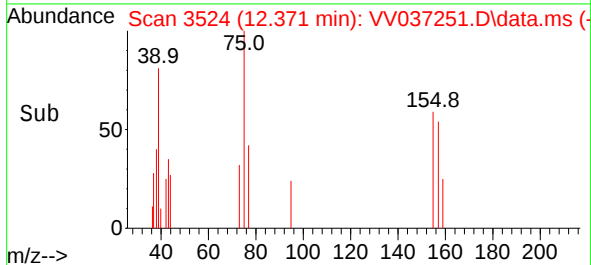
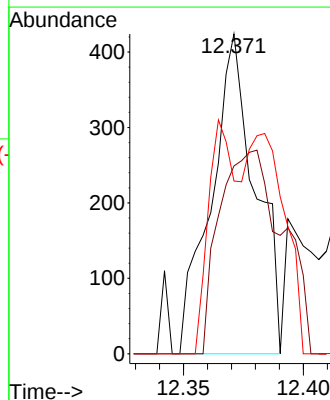
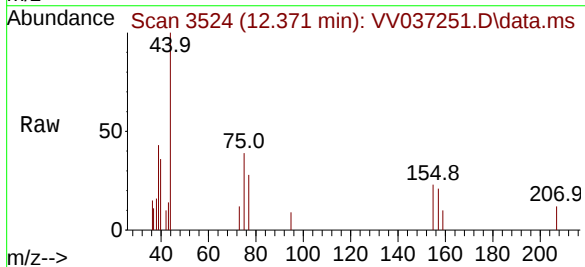
Tgt Ion: 75 Resp: 541

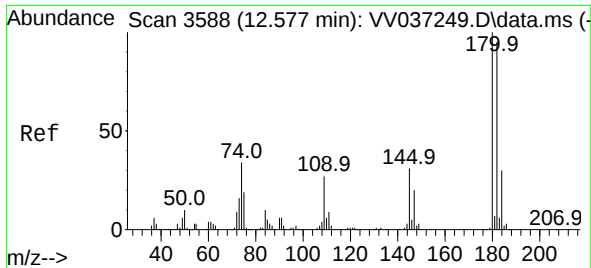
Ion Ratio Lower Upper

75 100

155 58.7 60.6 90.8#

157 54.0 81.1 121.7#





#69

1,3,5-Trichlorobenzene

Concen: 0.228 ug/L

RT: 12.586 min Scan# 3591

Delta R.T. 0.010 min

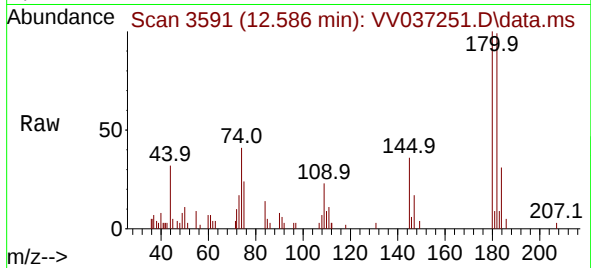
Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 8161

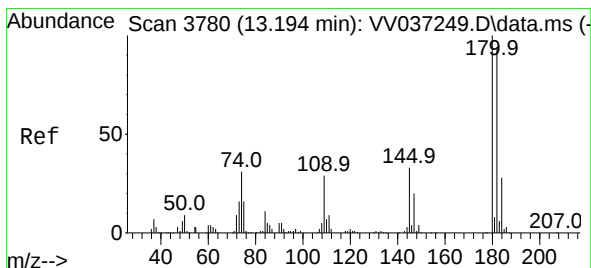
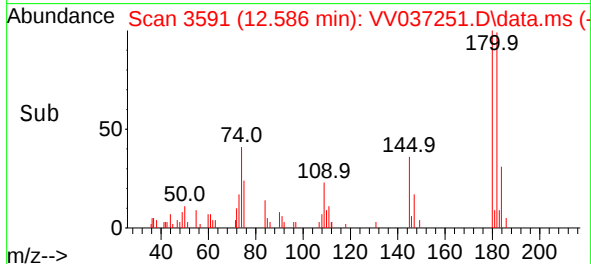
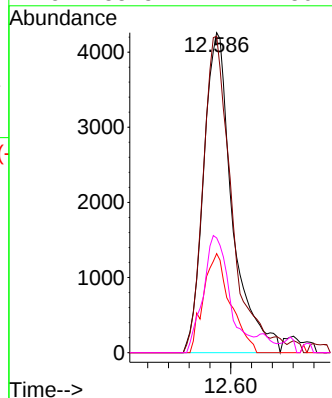
Ion Ratio Lower Upper

180 100

182 96.7 74.3 111.5

184 29.2 24.3 36.5

145 33.8 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 0.229 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.010 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

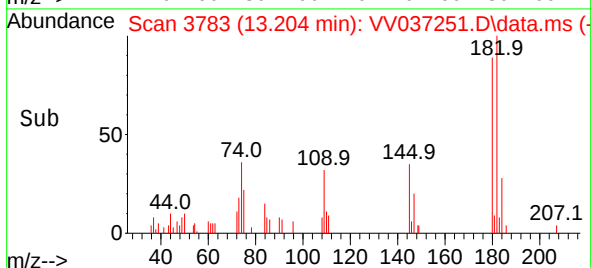
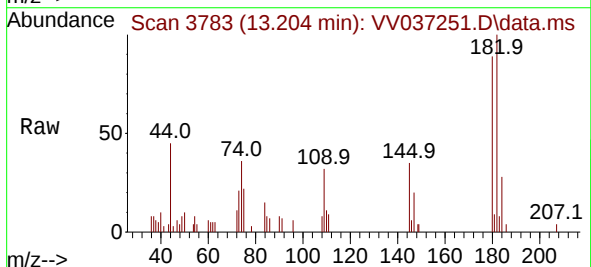
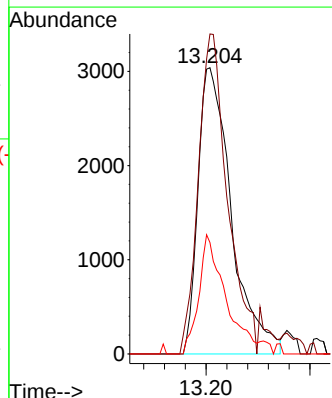
Tgt Ion:180 Resp: 6763

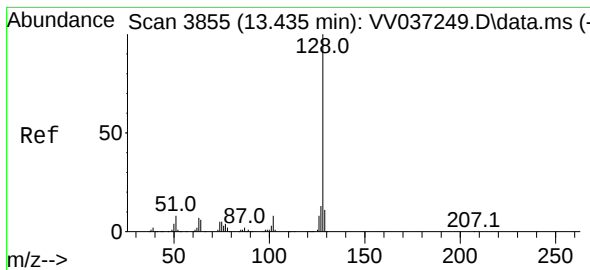
Ion Ratio Lower Upper

180 100

182 97.6 75.4 113.0

145 33.2 25.8 38.6





#71

Naphthalene

Concen: 0.272 ug/L

RT: 13.455 min Scan# 3861

Delta R.T. 0.019 min

Lab File: VV037251.D

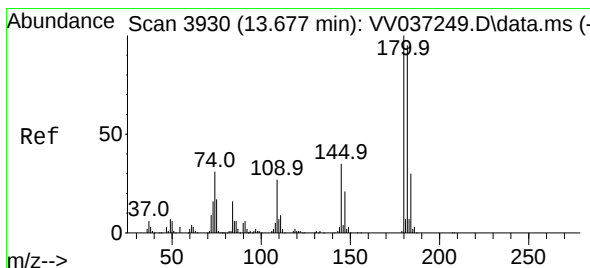
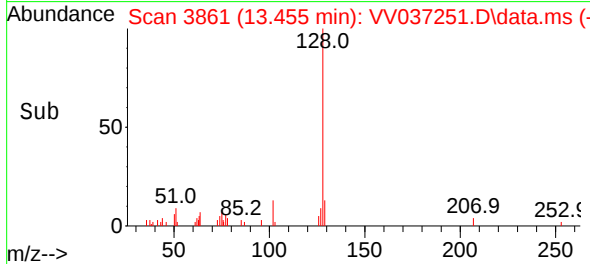
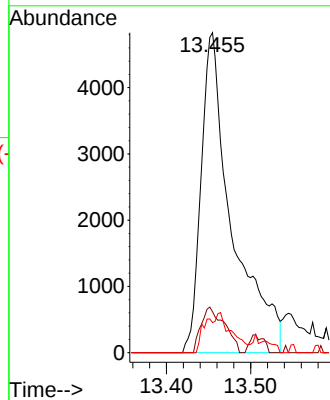
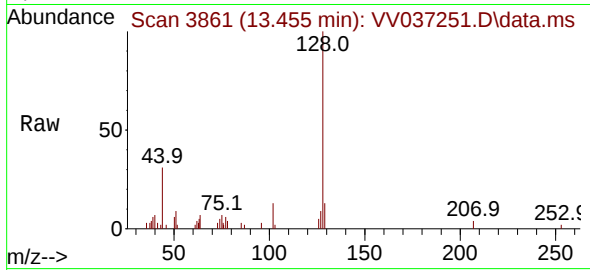
Acq: 11 Sep 2024 11:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	12272
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.6	12.8
127	3.8	10.2	15.2#



#72

1,2,3-Trichlorobenzene

Concen: 0.255 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Tgt Ion:	180	Resp:	6218
Ion Ratio	Lower	Upper	
180	100		
182	89.8	73.4	110.0
145	36.2	27.2	40.8

