

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037534.D
 Acq On : 26 Sep 2024 08:46
 Operator : SY/MD
 Sample : VSTD010
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 00:14:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:13:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	692933	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	661327	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	341786	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	60150	9.888	ug/L	0.00
7) Chloroethane-d5	1.532	69	45929	9.727	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	24675	9.709	ug/L	0.00
21) 2-Butanone-d5	3.809	46	27208	12.840	ug/L	0.02
24) Chloroform-d	4.246	84	101589	9.387	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	60206	9.505	ug/L	0.00
32) Benzene-d6	4.957	84	197576	9.547	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	64229	9.431	ug/L	0.00
41) Toluene-d8	7.239	98	172737	9.205	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	25586	8.358	ug/L	0.00
47) 2-Hexanone-d5	8.040	63	18483	13.819	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.146	84	68805	8.986	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	66625	9.251	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	54958	9.316	ug/L	98
3) Chloromethane	1.217	50	54432	9.504	ug/L	99
5) Vinyl chloride	1.285	62	56383	9.183	ug/L	96
6) Bromomethane	1.487	94	30442	8.934	ug/L	99
8) Chloroethane	1.552	64	34868	9.214	ug/L	98
9) Trichlorofluoromethane	1.716	101	76863	9.300	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	46731	9.462	ug/L	98
12) 1,1-Dichloroethene	2.072	96	42421	9.196	ug/L	86
13) Acetone	2.114	43	40215	18.934	ug/L	99
14) Carbon disulfide	2.243	76	129703	9.007	ug/L	100
15) Methyl Acetate	2.375	43	32466	8.759	ug/L	97
16) Methylene chloride	2.445	84	49702	9.515	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	44299	9.077	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	125836	8.987	ug/L	99
19) 1,1-Dichloroethane	3.108	63	88316	9.445	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	47584	8.713	ug/L	98
22) 2-Butanone	3.892	43	33613	14.720	ug/L	97
23) Bromochloromethane	4.143	128	26566	9.404	ug/L	97
25) Chloroform	4.275	83	91264	9.427	ug/L	99
27) 1,2-Dichloroethane	5.043	62	60774	8.892	ug/L	97
29) Cyclohexane	4.574	56	66626	8.873	ug/L	98
30) 1,1,1-Trichloroethane	4.507	97	74820	9.186	ug/L	99
31) Carbon tetrachloride	4.728	117	63659	8.990	ug/L	98
33) Benzene	5.008	78	182189	9.135	ug/L	100
34) Trichloroethene	5.831	95	48436	9.119	ug/L	98
35) Methylcyclohexane	6.043	83	71161	8.709	ug/L	96
37) 1,2-Dichloropropane	6.092	63	46904	9.107	ug/L	# 97
38) Bromodichloromethane	6.432	83	64800	9.412	ug/L	95
39) cis-1,3-Dichloropropene	6.957	75	68645	8.350	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	67611	16.413	ug/L	95
42) Toluene	7.313	91	182597	8.831	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	61303	8.282	ug/L	99

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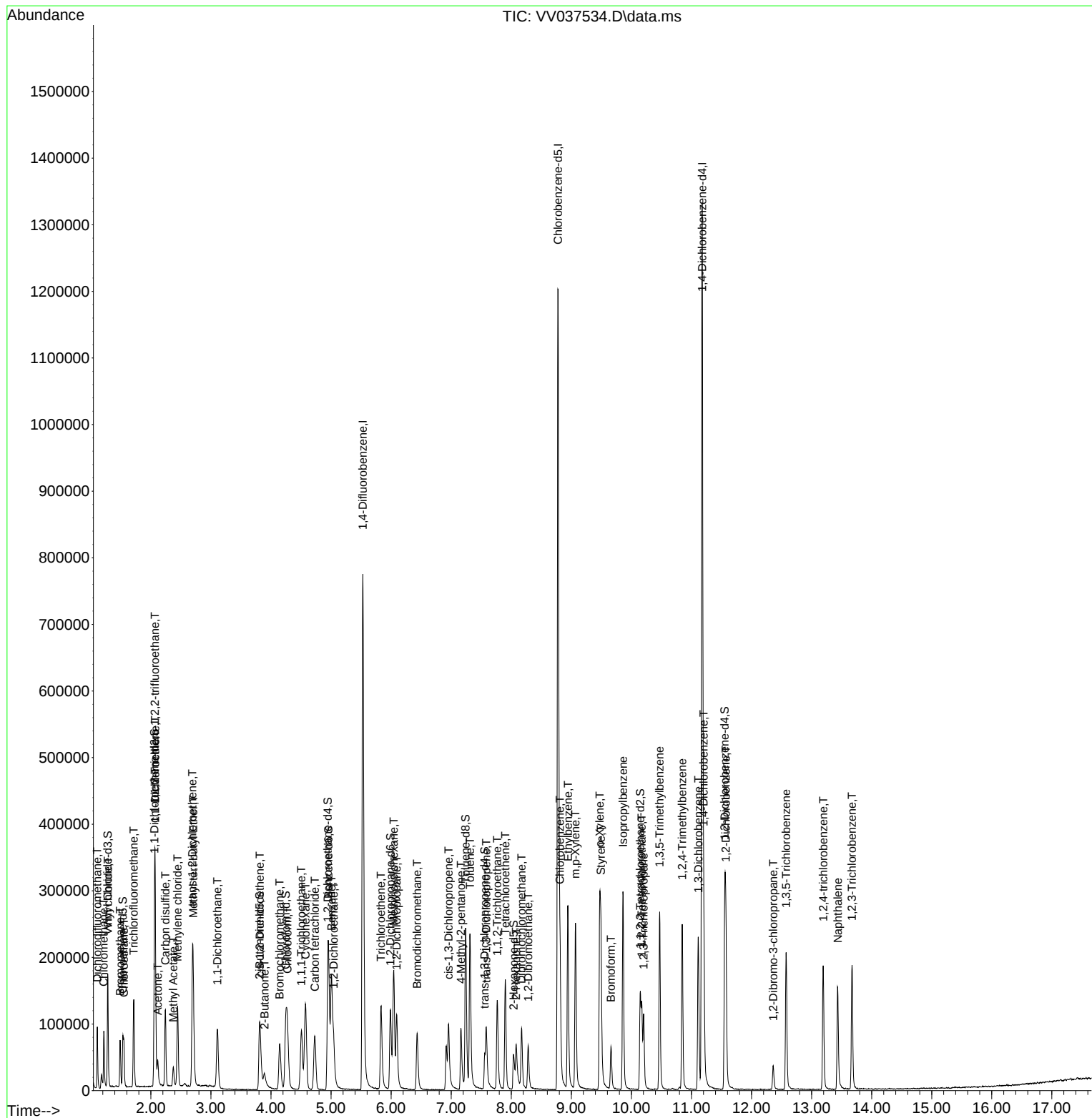
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	44748	9.048	ug/L	97
46) Tetrachloroethene	7.902	164	37689	9.281	ug/L	95
48) 2-Hexanone	8.082	43	48731	15.939	ug/L	94
49) Dibromochloromethane	8.172	129	45437	8.681	ug/L	98
50) 1,2-Dibromoethane	8.281	107	45626	8.925	ug/L	97
51) Chlorobenzene	8.812	112	129897	9.221	ug/L	99
52) Ethylbenzene	8.944	91	199174	8.558	ug/L	99
53) m,p-Xylene	9.069	106	72663	8.389	ug/L	97
54) o-Xylene	9.474	106	70809	8.373	ug/L	95
55) Styrene	9.493	104	119940	8.147	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	63393	9.194	ug/L	100
59) Bromoform	9.661	173	29544	8.844	ug/L	97
60) Isopropylbenzene	9.860	105	192727	8.673	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	45196	9.293	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	142569	8.115	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	138516	7.924	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	95788	8.956	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	104495	9.382	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	97020	9.176	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	10258	8.689	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	62795	8.538	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	55352	8.111	ug/L	99
71) Naphthalene	13.435	128	133371	7.480	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	55447	8.228	ug/L	95

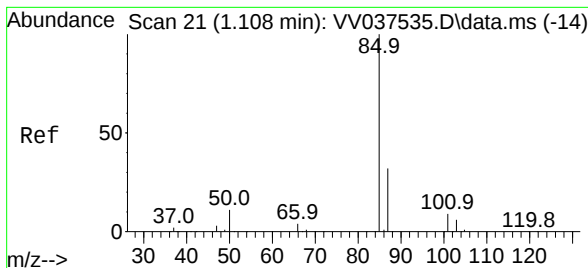
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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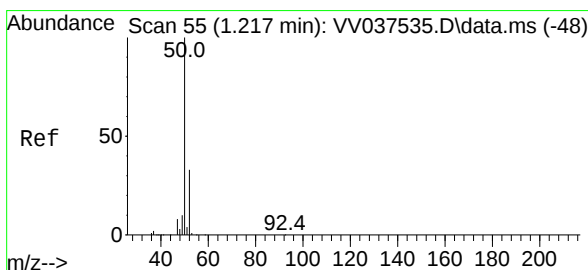
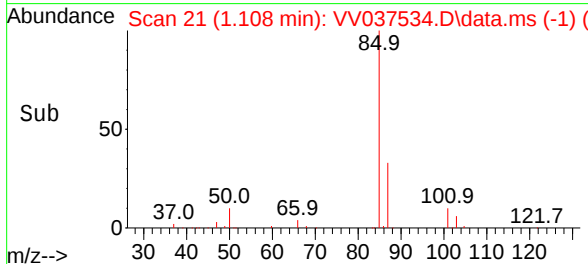
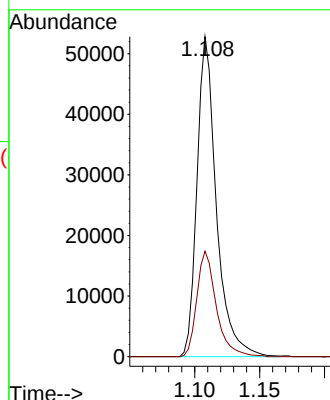
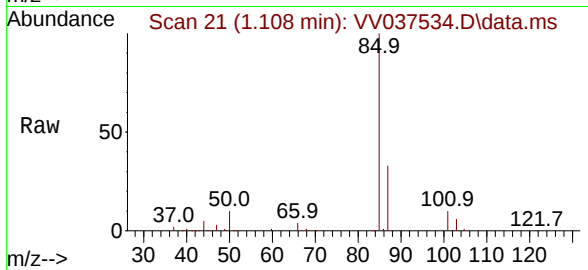




#2
 Dichlorodifluoromethane
 Concen: 9.316 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037534.D
 Acq: 26 Sep 2024 08:46

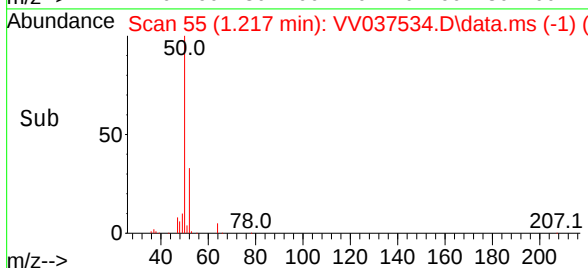
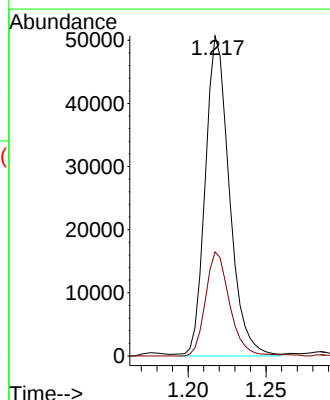
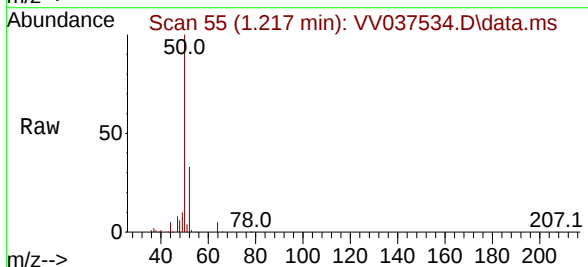
Instrument :
 MSVOA_V
 ClientSampleId :

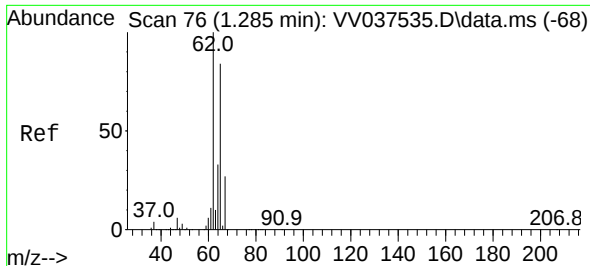
Tgt Ion: 85 Resp: 54958
 Ion Ratio Lower Upper
 85 100
 87 33.2 25.8 38.8



#3
 Chloromethane
 Concen: 9.504 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037534.D
 Acq: 26 Sep 2024 08:46

Tgt Ion: 50 Resp: 54432
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.2 43.2

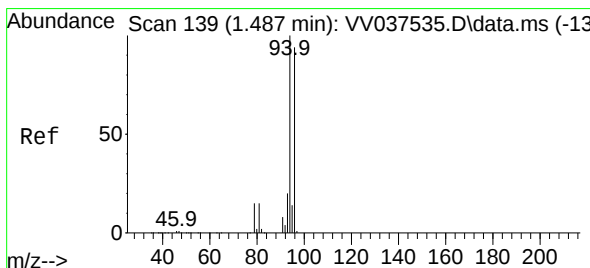
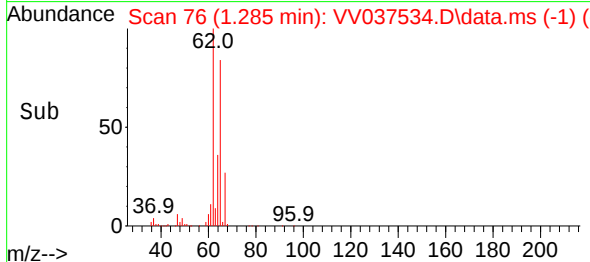
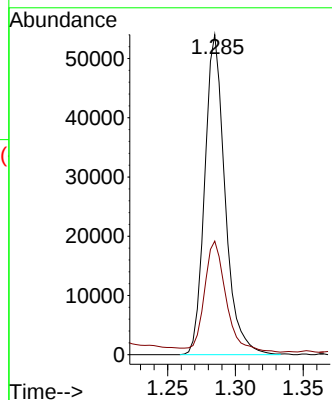
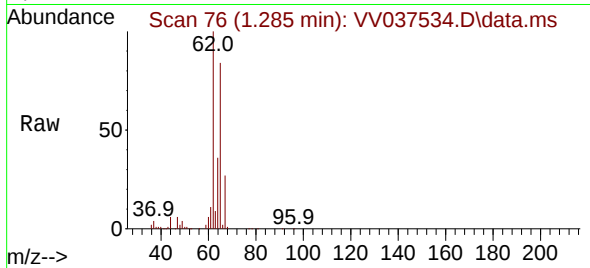




#5
 Vinyl chloride
 Concen: 9.183 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV037534.D
 Acq: 26 Sep 2024 08:46

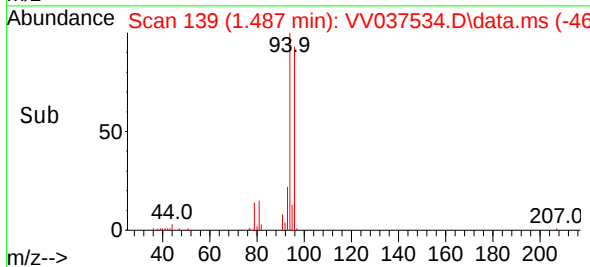
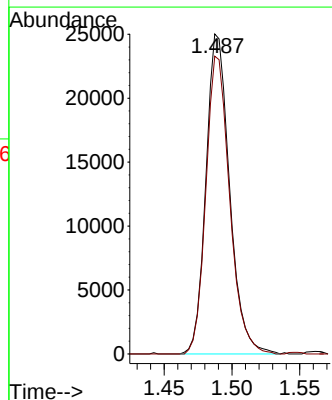
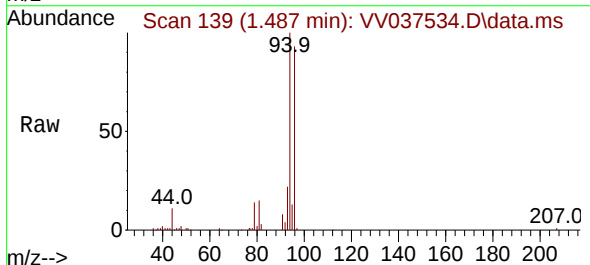
Instrument :
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 ClientSampleId :

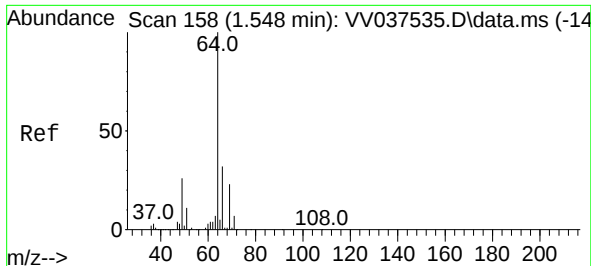
Tgt Ion: 62 Resp: 56383
 Ion Ratio Lower Upper
 62 100
 64 35.5 23.2 43.0



#6
 Bromomethane
 Concen: 8.934 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037534.D
 Acq: 26 Sep 2024 08:46

Tgt Ion: 94 Resp: 30442
 Ion Ratio Lower Upper
 94 100
 96 93.0 65.8 122.2

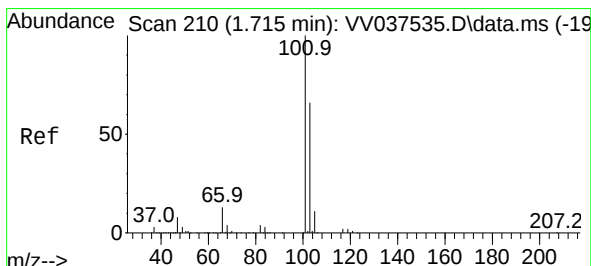
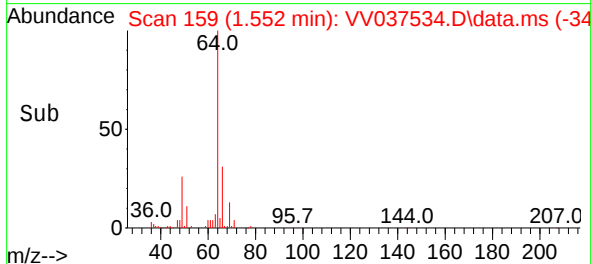
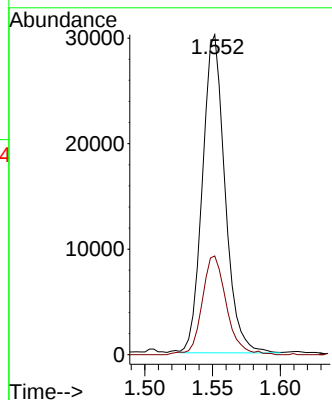
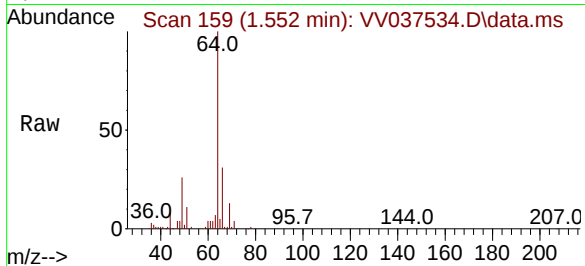




#8
Chloroethane
Concen: 9.214 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV037534.D
Acq: 26 Sep 2024 08:46

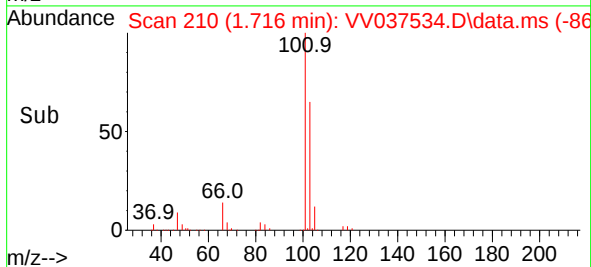
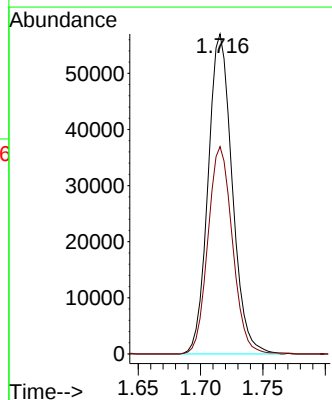
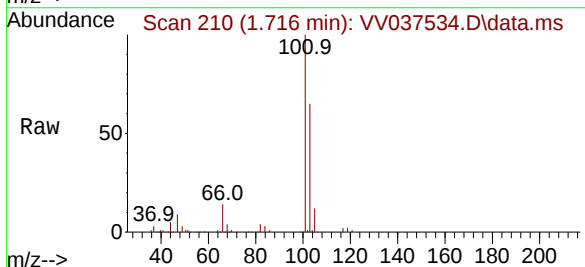
Instrument :
MSVOA_V
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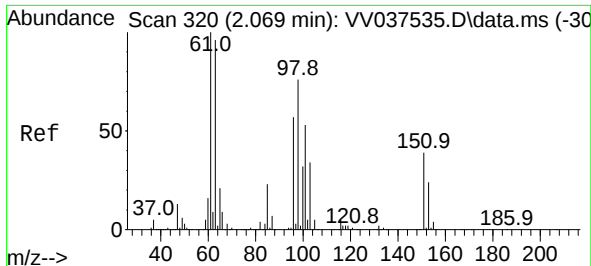
Tgt Ion: 64 Resp: 34868
Ion Ratio Lower Upper
64 100
66 30.9 22.2 41.2



#9
Trichlorofluoromethane
Concen: 9.300 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV037534.D
Acq: 26 Sep 2024 08:46

Tgt Ion:101 Resp: 76863
Ion Ratio Lower Upper
101 100
103 65.6 52.2 78.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 9.462 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

Instrument :

MSVOA_V

ClientSampleId :

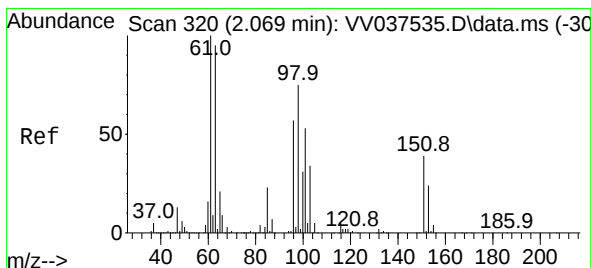
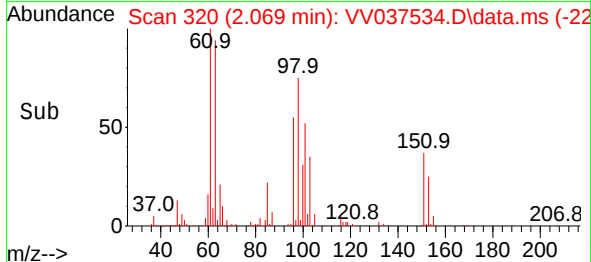
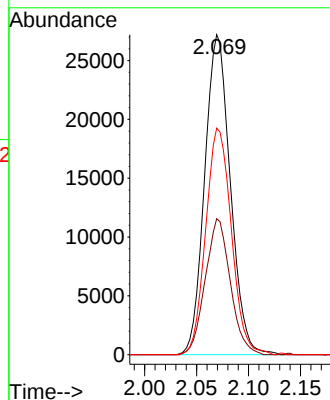
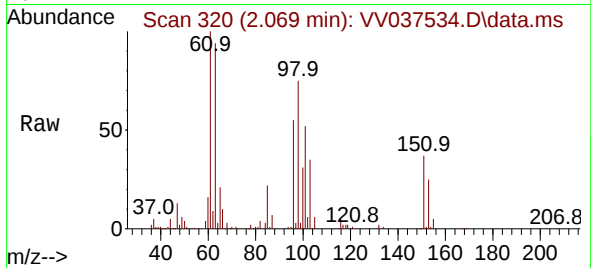
Tgt Ion:101 Resp: 46731

Ion Ratio Lower Upper

101 100

85 41.6 34.6 52.0

151 70.8 57.5 86.3



#12

1,1-Dichloroethene

Concen: 9.196 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.003 min

Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

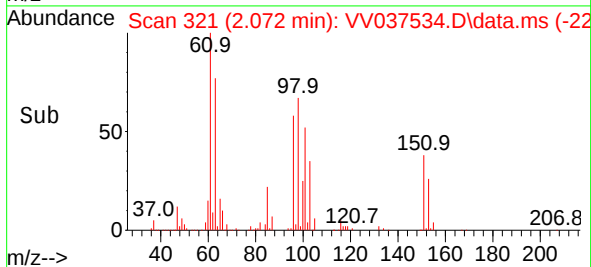
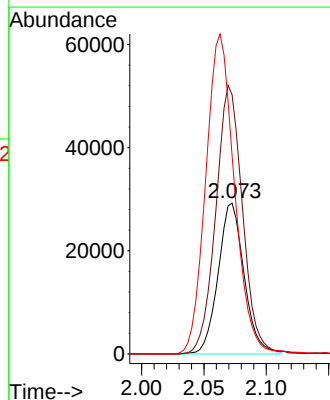
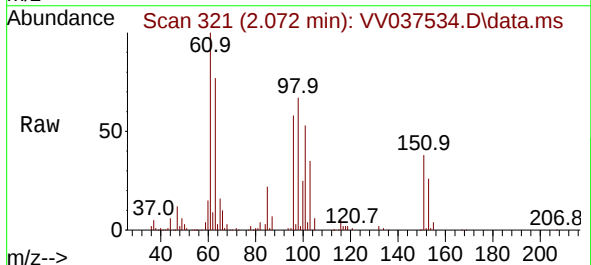
Tgt Ion: 96 Resp: 42421

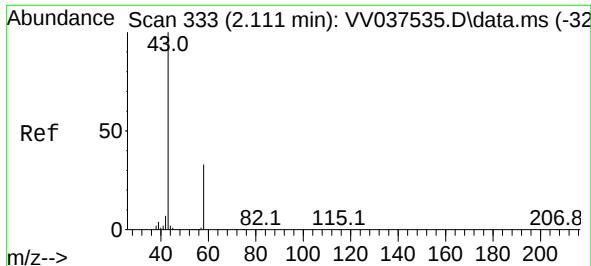
Ion Ratio Lower Upper

96 100

61 171.9 122.6 227.6

63 132.1 118.0 219.2





#13

Acetone

Concen: 18.934 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.003 min

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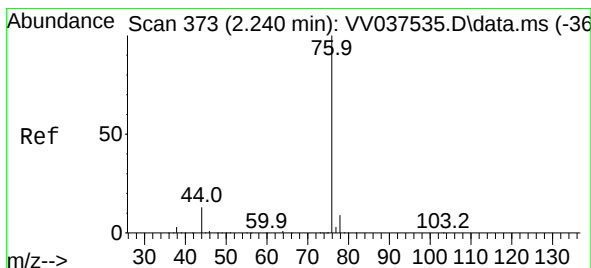
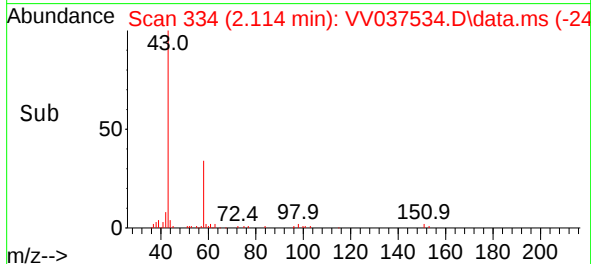
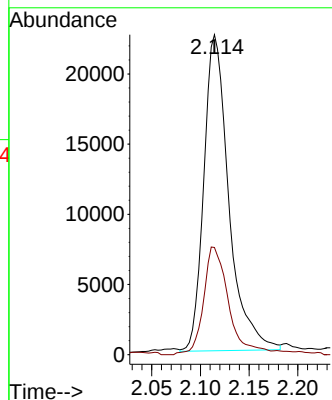
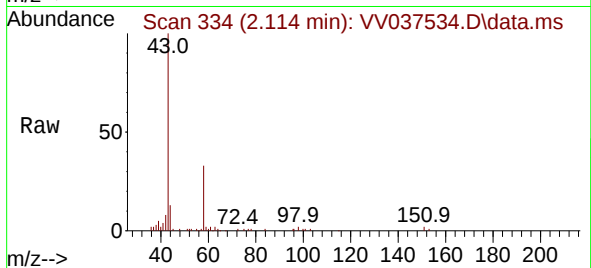
ClientSampleId :

Tgt Ion: 43 Resp: 40215

Ion Ratio Lower Upper

43 100

58 34.0 0.0 66.6



#14

Carbon disulfide

Concen: 9.007 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV037534.D

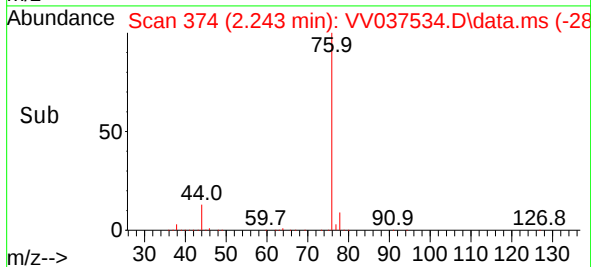
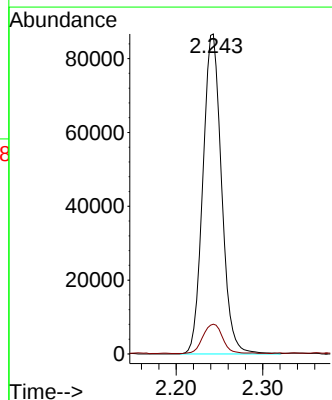
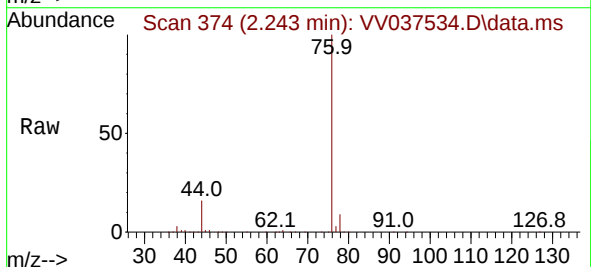
Acq: 26 Sep 2024 08:46

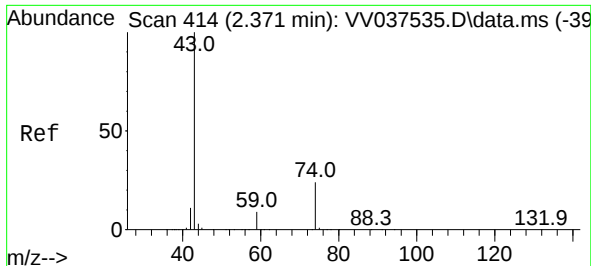
Tgt Ion: 76 Resp: 129703

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0





#15

Methyl Acetate

Concen: 8.759 ug/L

RT: 2.375 min Scan# 414

Delta R.T. 0.003 min

Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

Instrument :

MSVOA_V

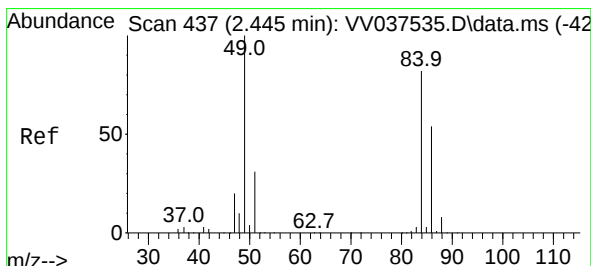
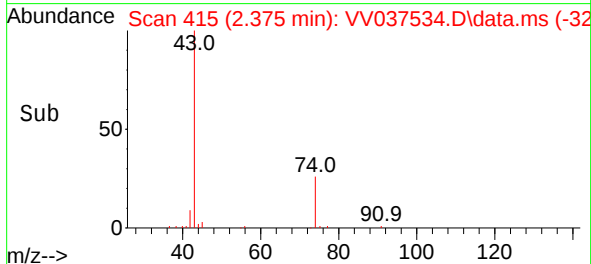
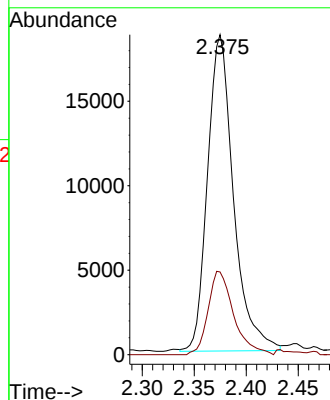
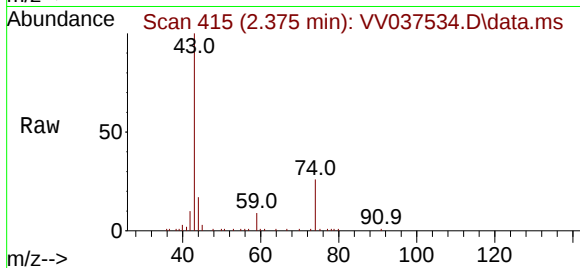
ClientSampleId :

Tgt Ion: 43 Resp: 32466

Ion Ratio Lower Upper

43 100

74 25.9 19.4 29.0



#16

Methylene chloride

Concen: 9.515 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

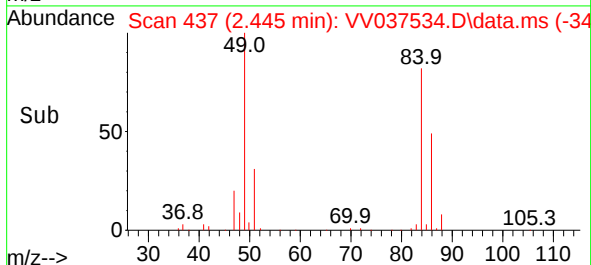
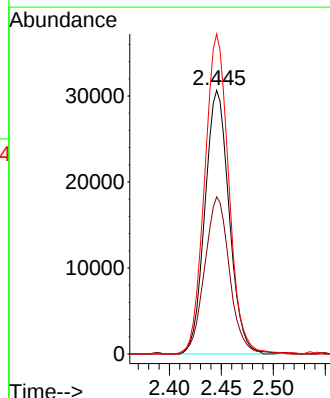
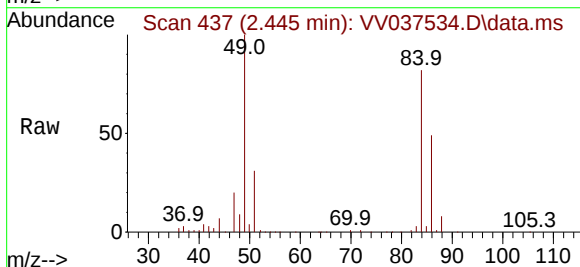
Tgt Ion: 84 Resp: 49702

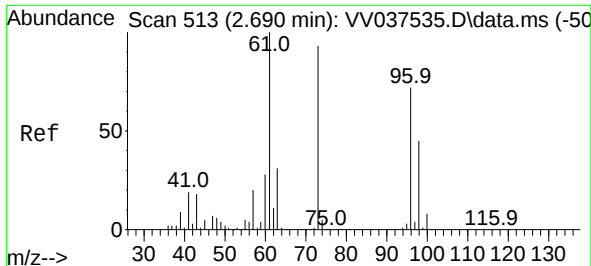
Ion Ratio Lower Upper

84 100

86 59.6 46.4 86.2

49 121.4 85.9 159.5





#17

trans-1,2-Dichloroethene

Concen: 9.077 ug/L

RT: 2.693 min Scan# 513

Delta R.T. 0.003 min

Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

Instrument :

MSVOA_V

ClientSampleId :

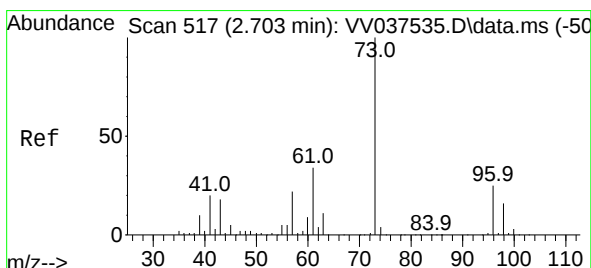
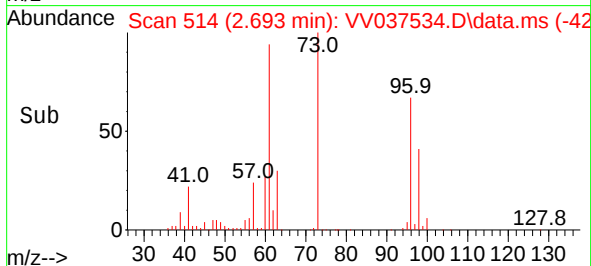
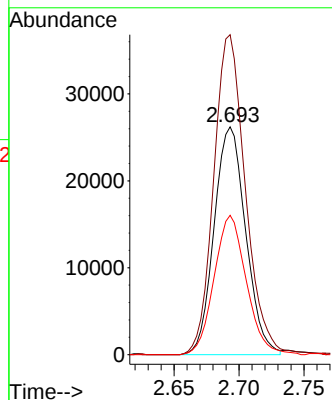
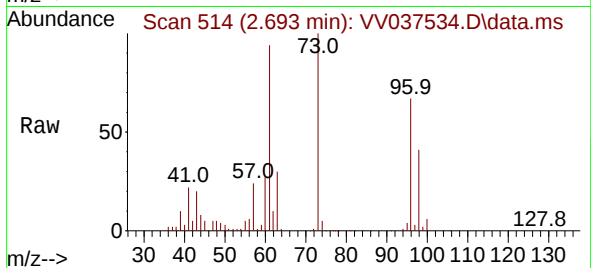
Tgt Ion: 96 Resp: 44299

Ion Ratio Lower Upper

96 100

61 140.5 97.3 180.7

98 61.2 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 8.987 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

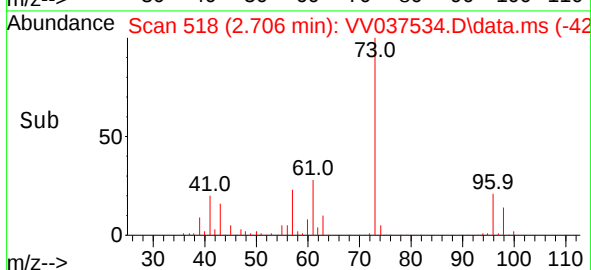
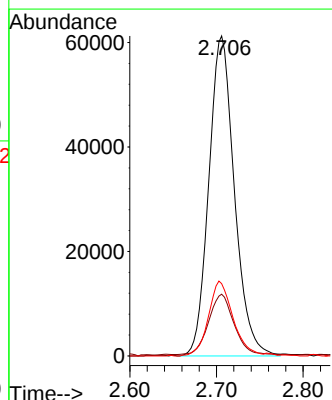
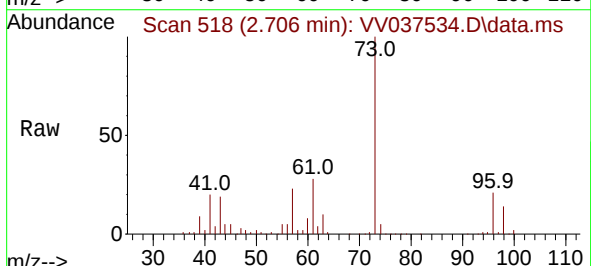
Tgt Ion: 73 Resp: 125836

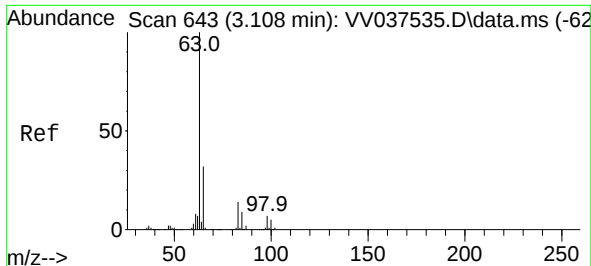
Ion Ratio Lower Upper

73 100

43 18.4 15.1 22.7

57 22.4 17.4 26.2

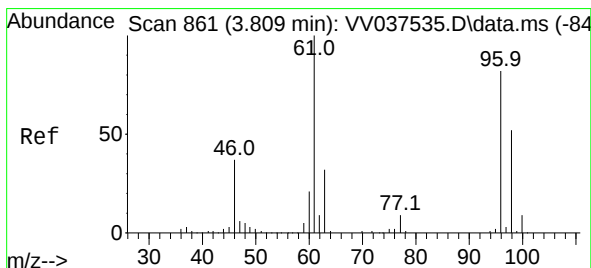
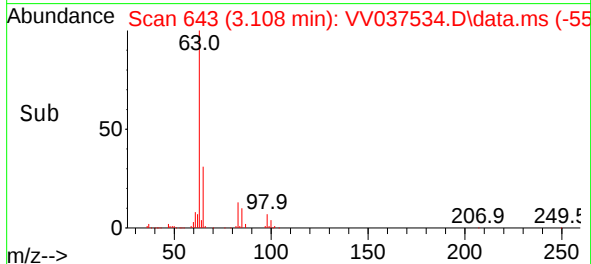
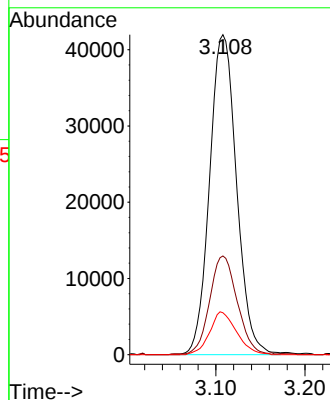
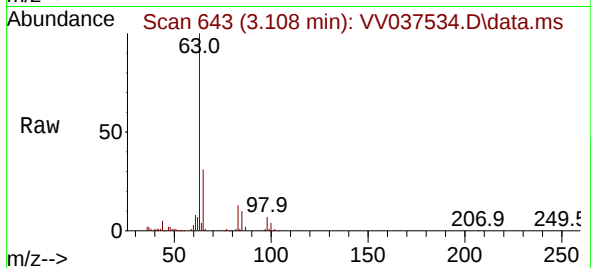




#19
1,1-Dichloroethane
Concen: 9.445 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.000 min
Lab File: VV037534.D
Acq: 26 Sep 2024 08:46

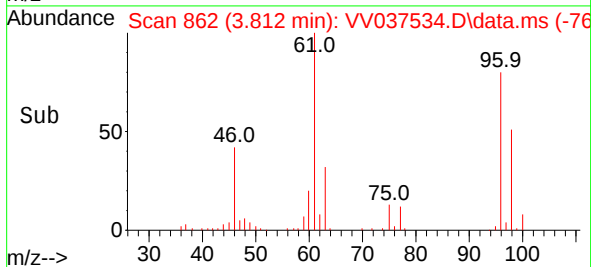
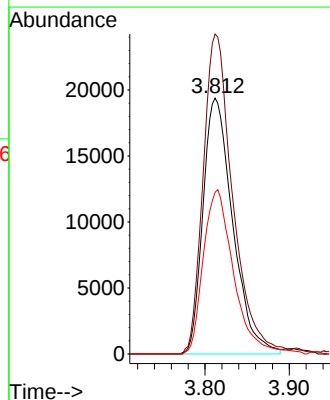
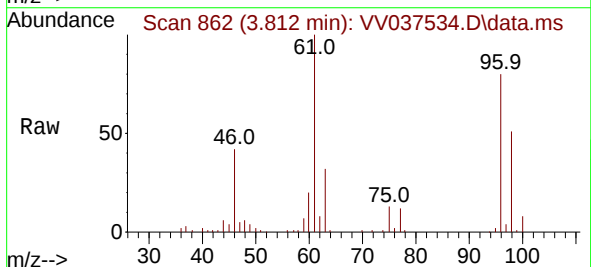
Instrument :
MSVOA_V
ClientSampleId :

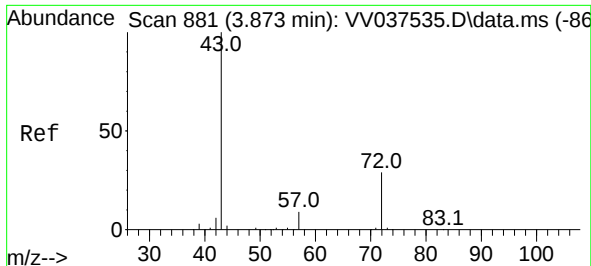
Tgt Ion: 63 Resp: 88316
Ion Ratio Lower Upper
63 100
65 30.9 22.4 41.6
83 13.1 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 8.713 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV037534.D
Acq: 26 Sep 2024 08:46

Tgt Ion: 96 Resp: 47584
Ion Ratio Lower Upper
96 100
61 125.0 85.0 157.8
98 63.2 44.2 82.0





#22

2-Butanone

Concen: 14.720 ug/L

RT: 3.892 min Scan# 881

Delta R.T. 0.019 min

Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

Instrument :

MSVOA_V

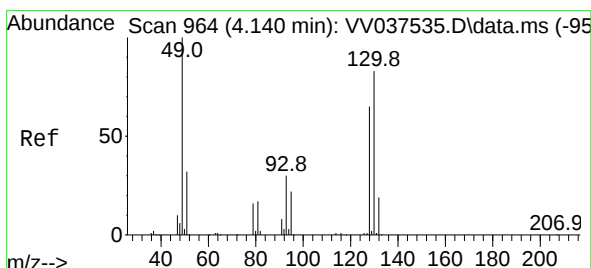
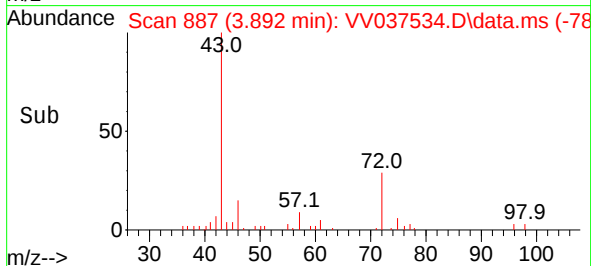
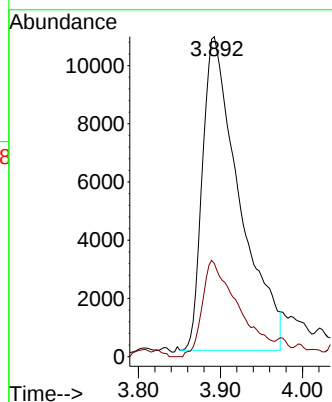
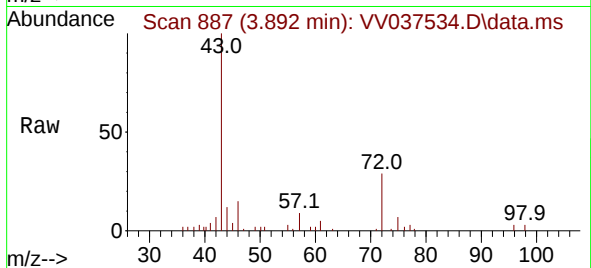
ClientSampleId :

Tgt Ion: 43 Resp: 33613

Ion Ratio Lower Upper

43 100

72 30.3 14.3 42.9



#23

Bromochloromethane

Concen: 9.404 ug/L

RT: 4.143 min Scan# 965

Delta R.T. 0.003 min

Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

Tgt Ion: 128 Resp: 26566

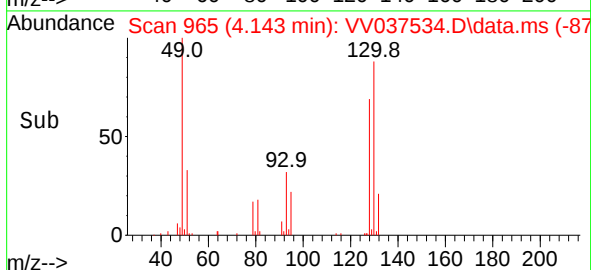
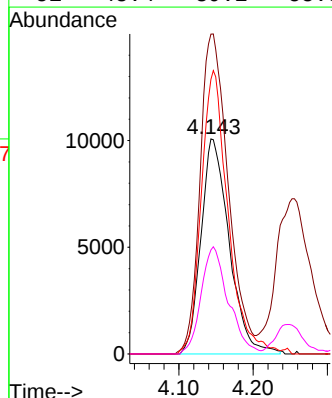
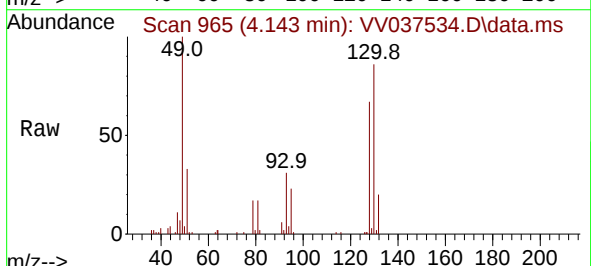
Ion Ratio Lower Upper

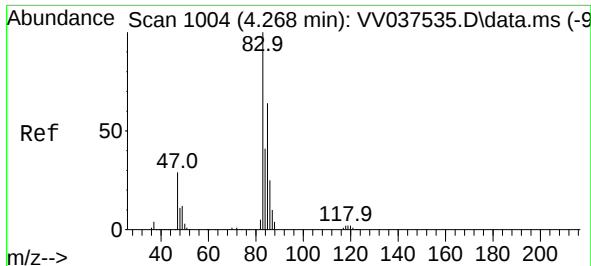
128 100

49 148.7 108.7 201.9

130 127.7 90.4 168.0

51 48.4 39.2 58.8





#25

Chloroform

Concen: 9.427 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

Instrument :

MSVOA_V

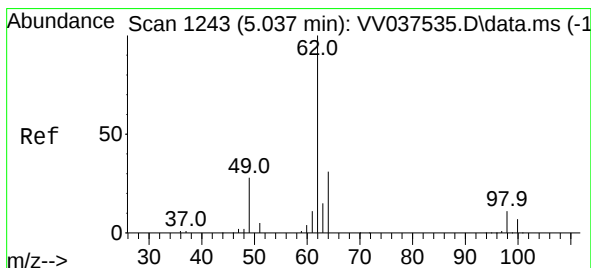
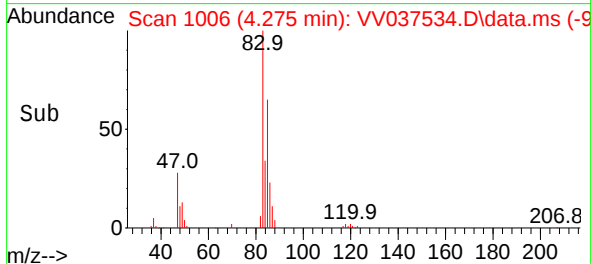
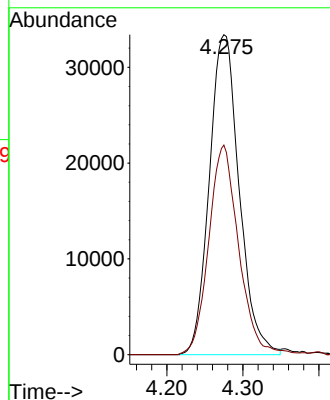
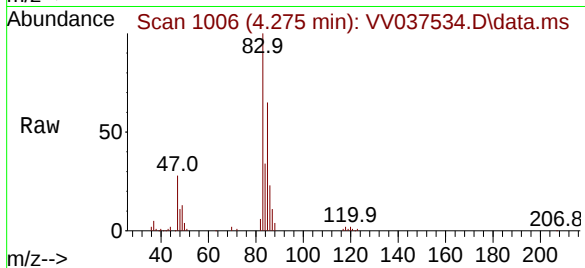
ClientSampleId :

Tgt Ion: 83 Resp: 91264

Ion Ratio Lower Upper

83 100

85 65.5 45.1 83.7



#27

1,2-Dichloroethane

Concen: 8.892 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.007 min

Lab File: VV037534.D

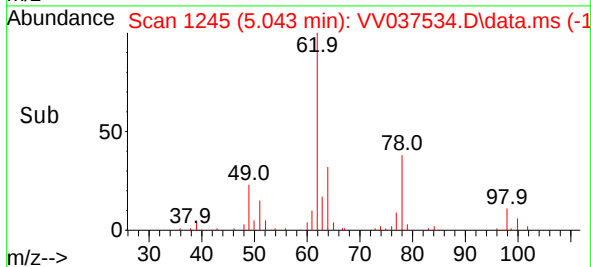
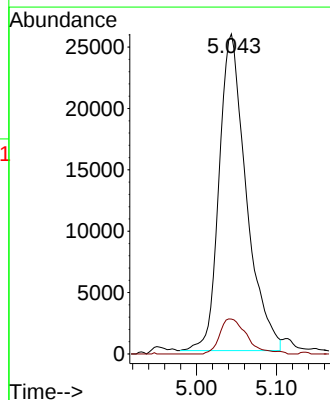
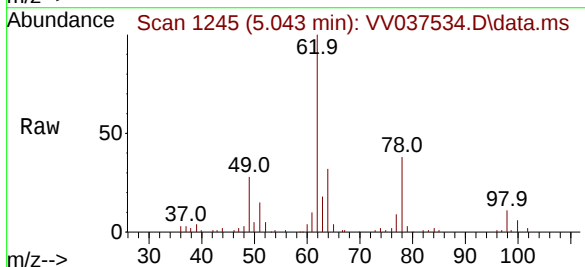
Acq: 26 Sep 2024 08:46

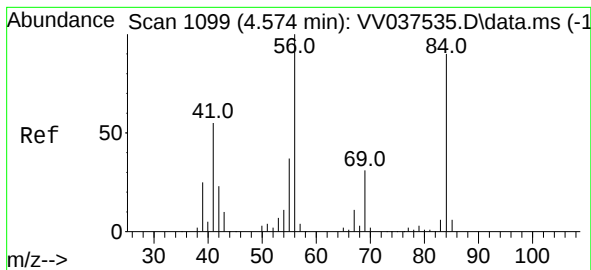
Tgt Ion: 62 Resp: 60774

Ion Ratio Lower Upper

62 100

98 11.8 8.4 12.6





#29

Cyclohexane

Concen: 8.873 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

Instrument :

MSVOA_V

ClientSampleId :

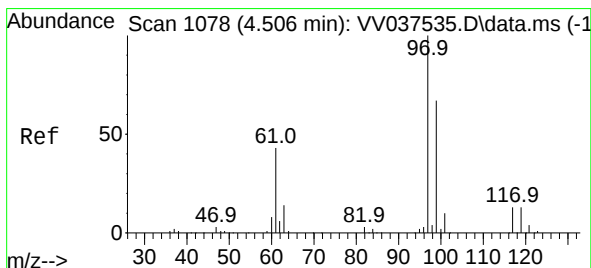
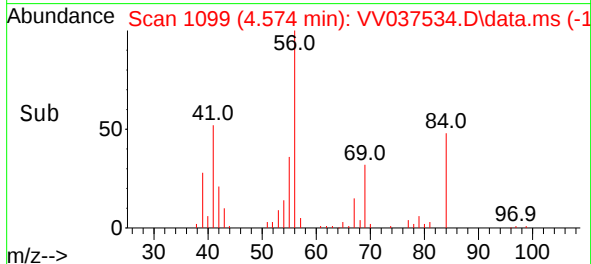
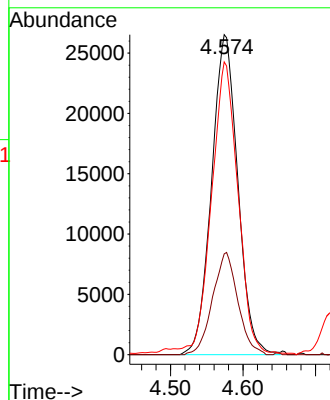
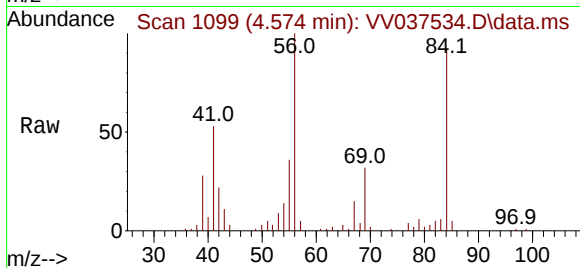
Tgt Ion: 56 Resp: 66626

Ion Ratio Lower Upper

56 100

69 30.8 24.7 37.1

84 89.2 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 9.186 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

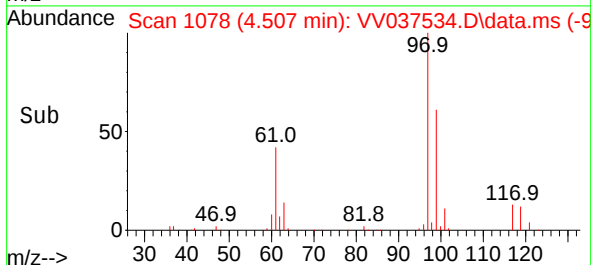
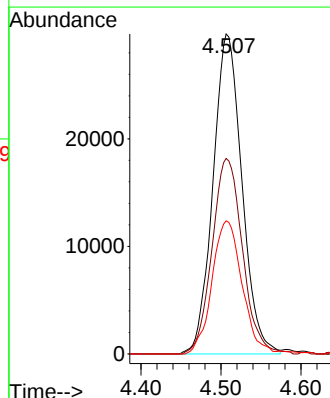
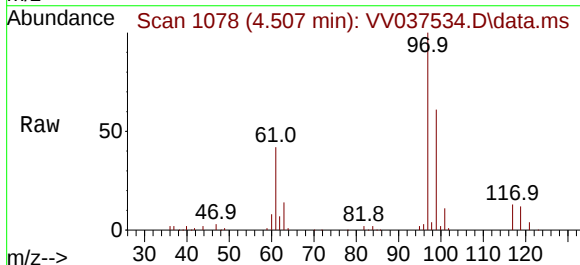
Tgt Ion: 97 Resp: 74820

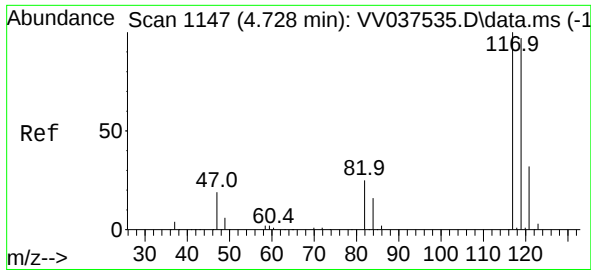
Ion Ratio Lower Upper

97 100

99 64.0 51.8 77.6

61 43.0 33.6 50.4

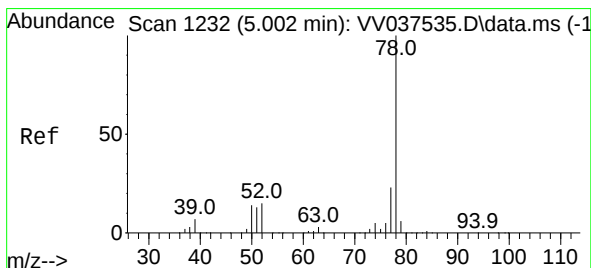
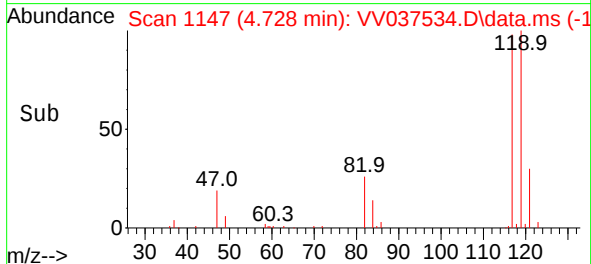
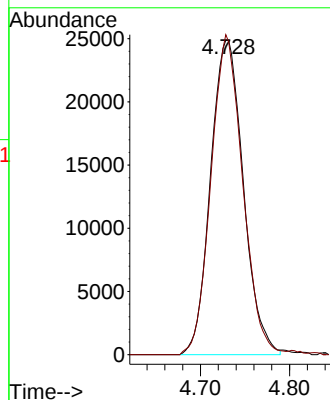
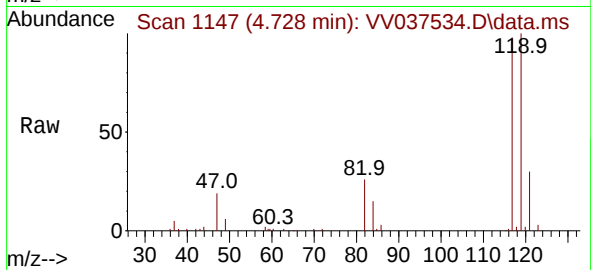




#31
Carbon tetrachloride
Concen: 8.990 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV037534.D
Acq: 26 Sep 2024 08:46

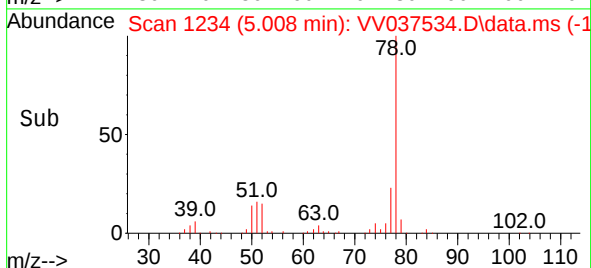
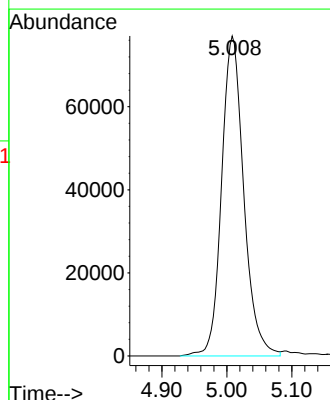
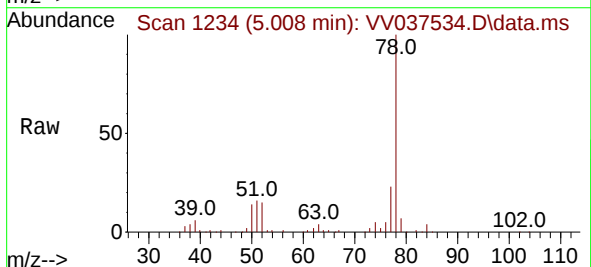
Instrument :
MSVOA_V
ClientSampleId :

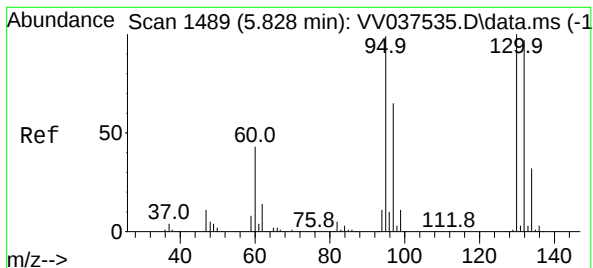
Tgt Ion:117 Resp: 63659
Ion Ratio Lower Upper
117 100
119 98.0 76.9 115.3



#33
Benzene
Concen: 9.135 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.007 min
Lab File: VV037534.D
Acq: 26 Sep 2024 08:46

Tgt Ion: 78 Resp: 182189





#34

Trichloroethene

Concen: 9.119 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 48436

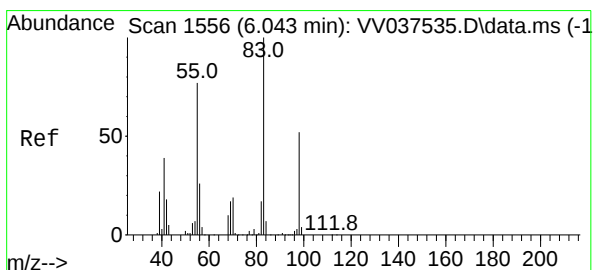
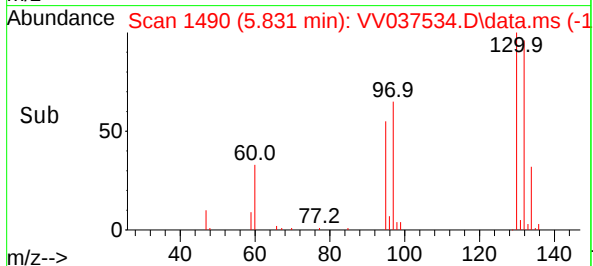
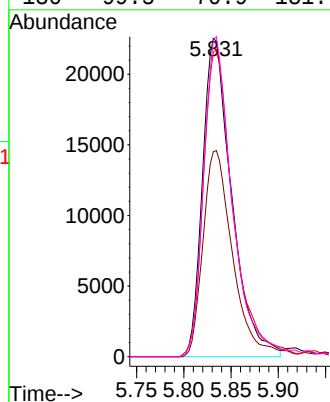
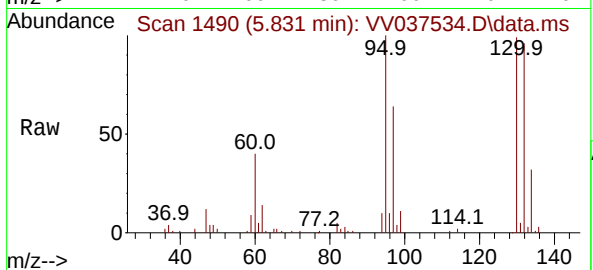
Ion Ratio Lower Upper

95 100

97 64.4 46.3 85.9

132 95.7 68.6 127.4

130 99.5 70.9 131.7



#35

Methylcyclohexane

Concen: 8.709 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

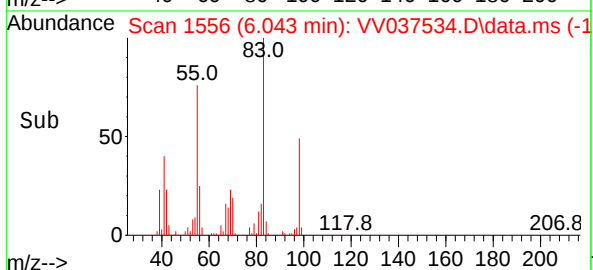
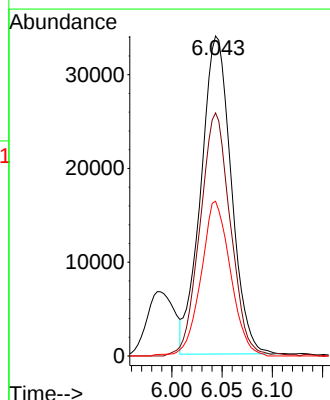
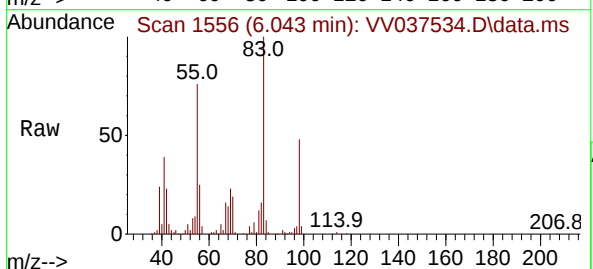
Tgt Ion: 83 Resp: 71161

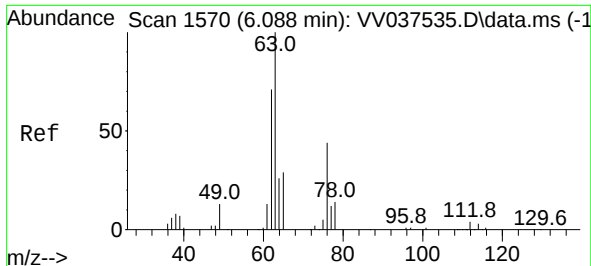
Ion Ratio Lower Upper

83 100

55 76.3 57.9 86.9

98 47.3 39.3 58.9





#37

1,2-Dichloropropane

Concen: 9.107 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

Instrument :

MSVOA_V

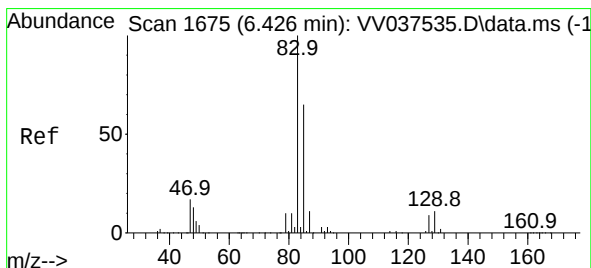
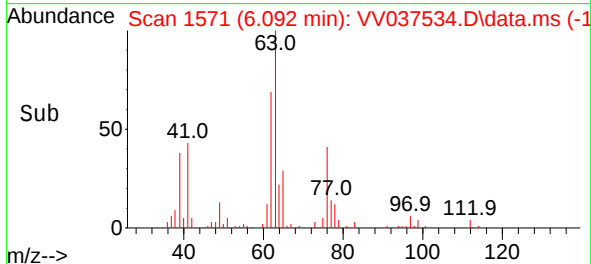
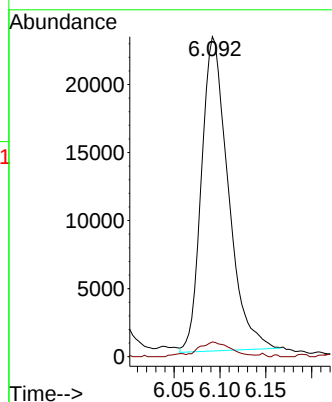
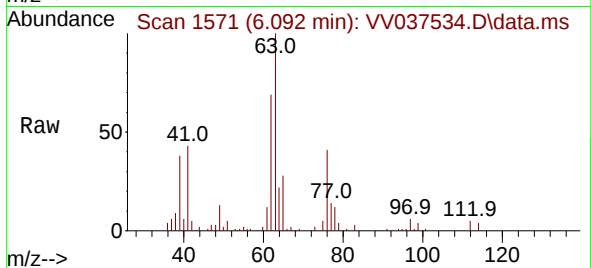
ClientSampleId :

Tgt Ion: 63 Resp: 46904

Ion Ratio Lower Upper

63 100

112 5.3 3.5 5.3#



#38

Bromodichloromethane

Concen: 9.412 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.007 min

Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

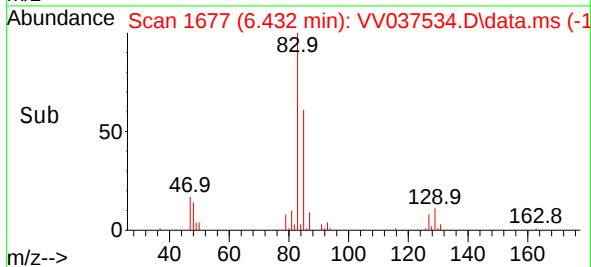
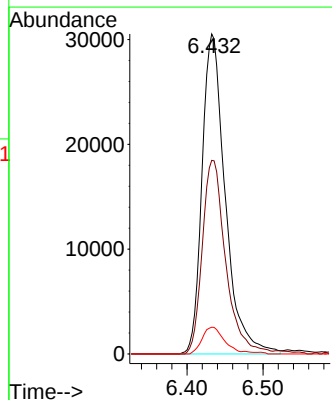
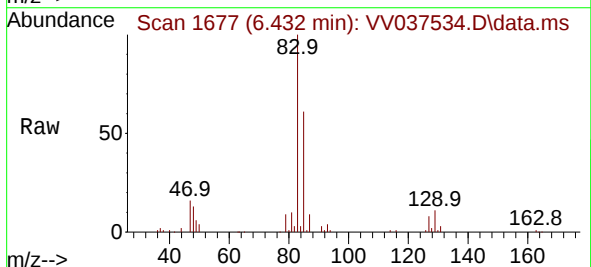
Tgt Ion: 83 Resp: 64800

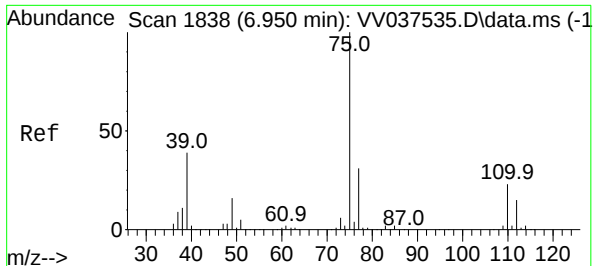
Ion Ratio Lower Upper

83 100

85 60.5 45.7 84.9

127 8.3 7.0 10.4

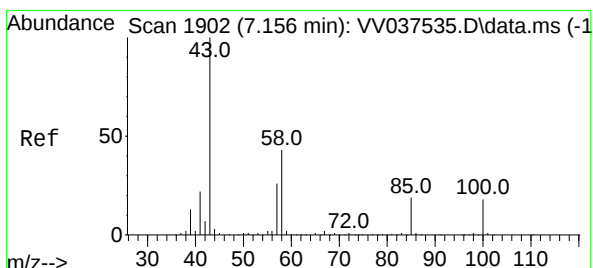
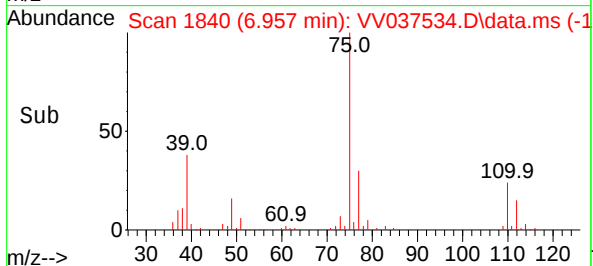
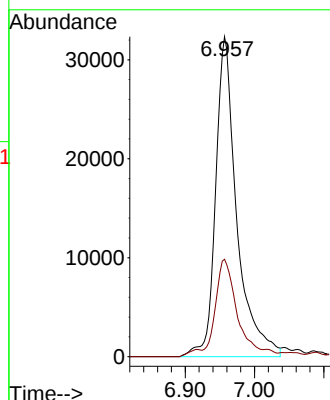
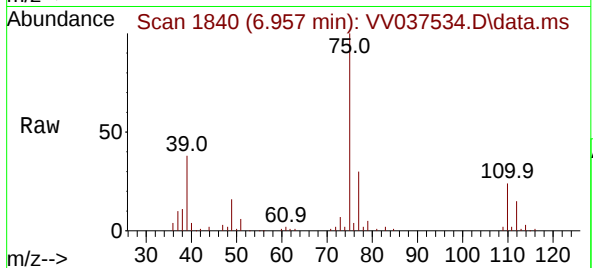




#39
 cis-1,3-Dichloropropene
 Concen: 8.350 ug/L
 RT: 6.957 min Scan# 1838
 Delta R.T. 0.007 min
 Lab File: VV037534.D
 Acq: 26 Sep 2024 08:46

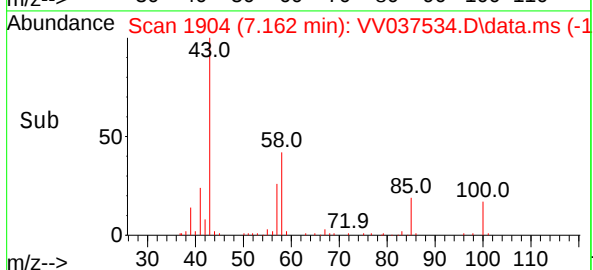
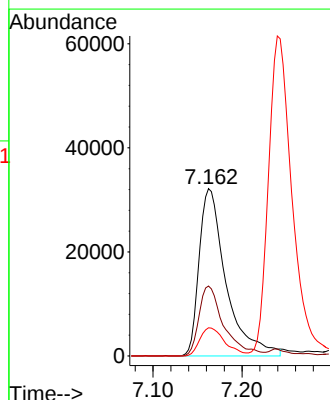
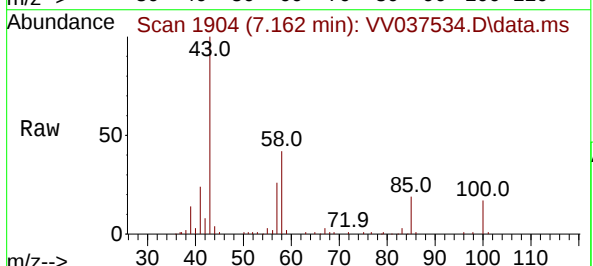
Instrument :
 MSVOA_V
 ClientSampleId :

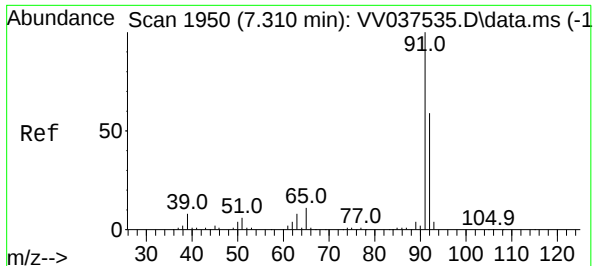
Tgt Ion: 75 Resp: 68645
 Ion Ratio Lower Upper
 75 100
 77 30.4 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 16.413 ug/L
 RT: 7.162 min Scan# 1904
 Delta R.T. 0.007 min
 Lab File: VV037534.D
 Acq: 26 Sep 2024 08:46

Tgt Ion: 43 Resp: 67611
 Ion Ratio Lower Upper
 43 100
 58 37.3 33.0 49.4
 100 15.7 13.7 20.5





#42

Toluene

Concen: 8.831 ug/L

RT: 7.313 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

Instrument :

MSVOA_V

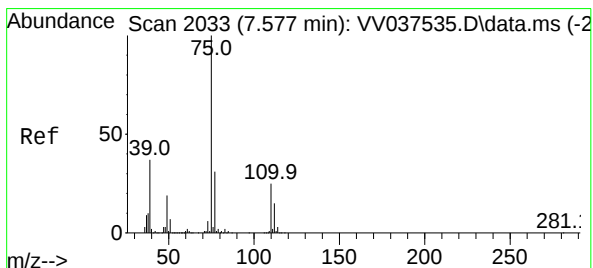
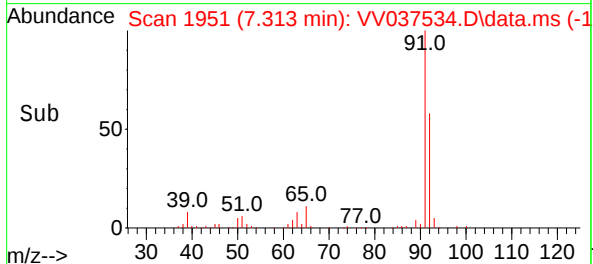
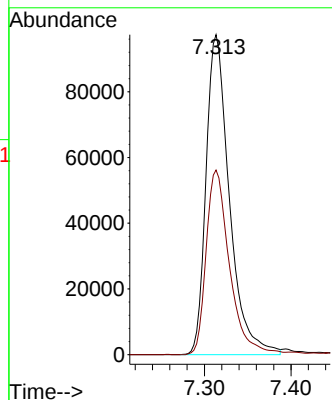
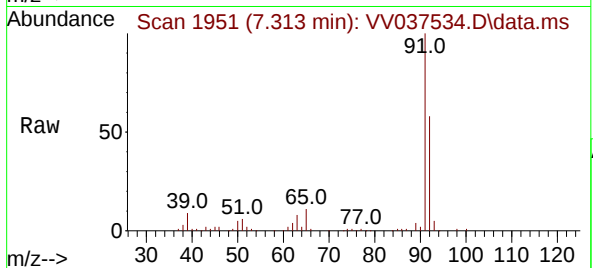
ClientSampleId :

Tgt Ion: 91 Resp: 182597

Ion Ratio Lower Upper

91 100

92 57.7 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 8.282 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.007 min

Lab File: VV037534.D

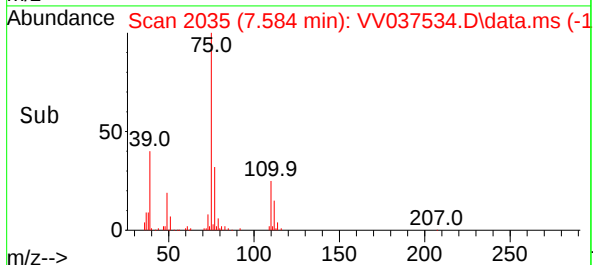
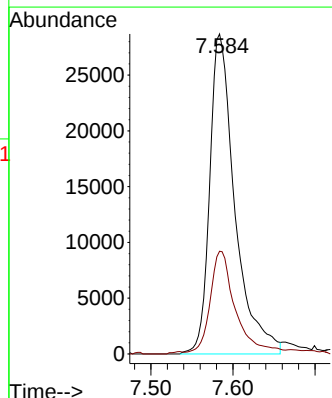
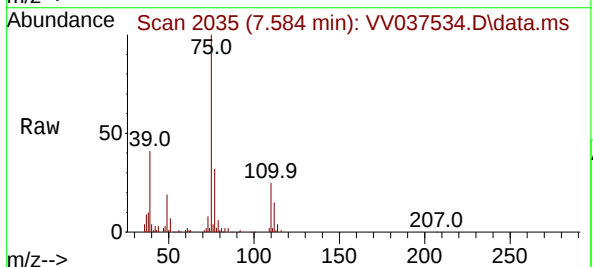
Acq: 26 Sep 2024 08:46

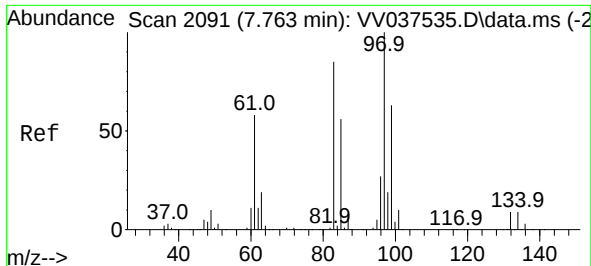
Tgt Ion: 75 Resp: 61303

Ion Ratio Lower Upper

75 100

77 32.1 21.9 40.7

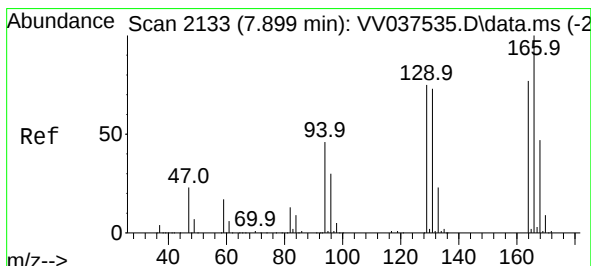
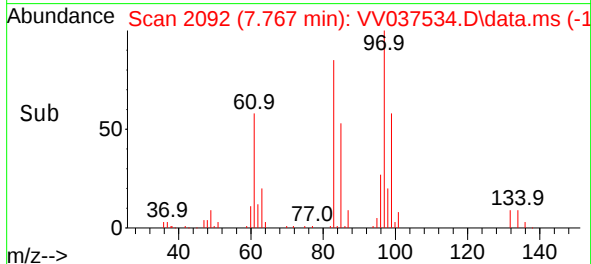
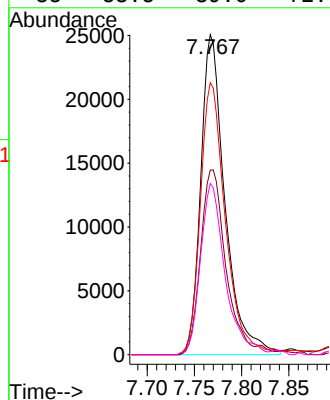
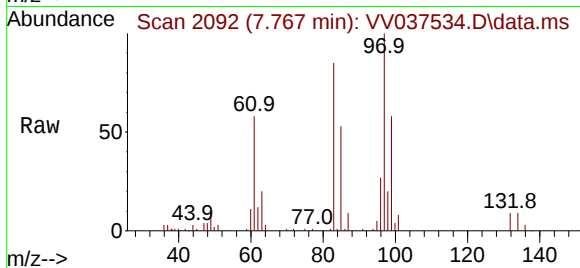




#45
1,1,2-Trichloroethane
Concen: 9.048 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV037534.D
Acq: 26 Sep 2024 08:46

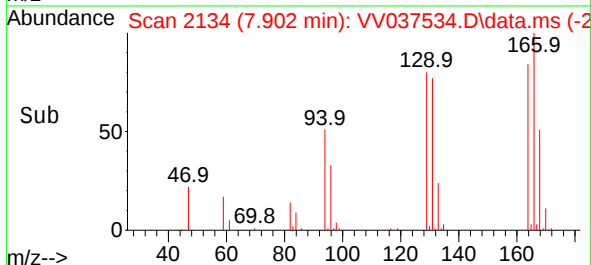
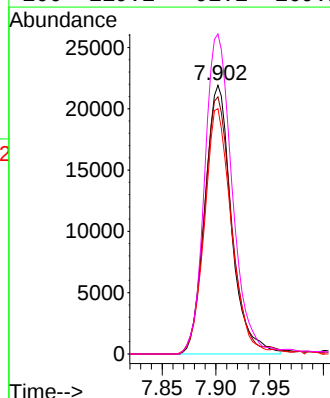
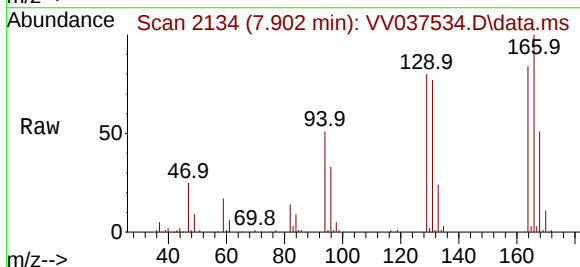
Instrument :
MSVOA_V
ClientSampleId :

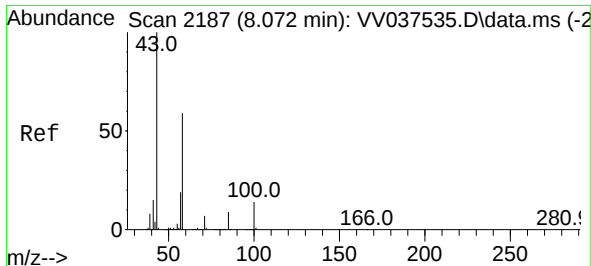
Tgt Ion:	97	Resp:	44748
Ion	Ratio	Lower	Upper
97	100		
99	57.7	44.1	81.9
83	85.0	59.3	110.1
85	53.5	39.0	72.4



#46
Tetrachloroethene
Concen: 9.281 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV037534.D
Acq: 26 Sep 2024 08:46

Tgt Ion:	164	Resp:	37689
Ion	Ratio	Lower	Upper
164	100		
129	95.7	68.2	126.6
131	91.3	66.1	122.8
166	119.1	91.1	169.1





#48

2-Hexanone

Concen: 15.939 ug/L

RT: 8.082 min Scan# 2187

Delta R.T. 0.010 min

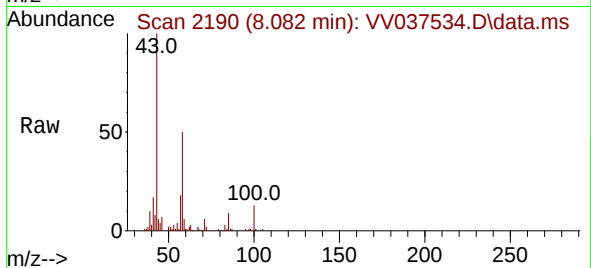
Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 48731

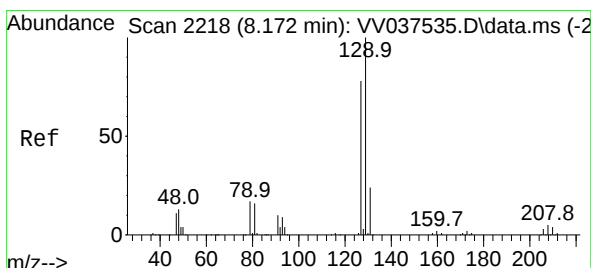
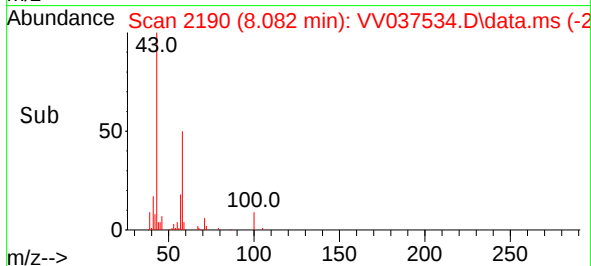
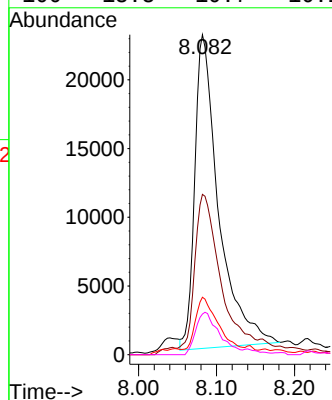
Ion Ratio Lower Upper

43 100

58 52.1 46.5 69.7

57 18.2 15.1 22.7

100 13.3 10.7 16.1



#49

Dibromochloromethane

Concen: 8.681 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.000 min

Lab File: VV037534.D

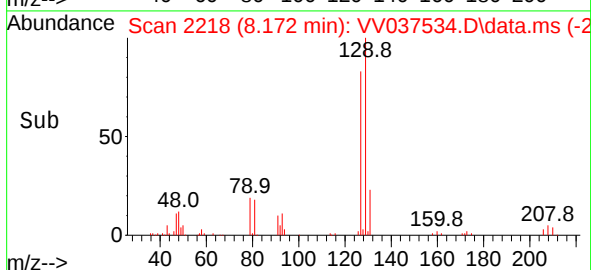
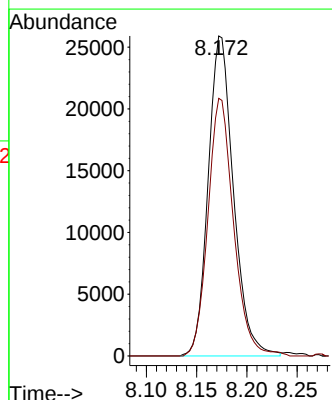
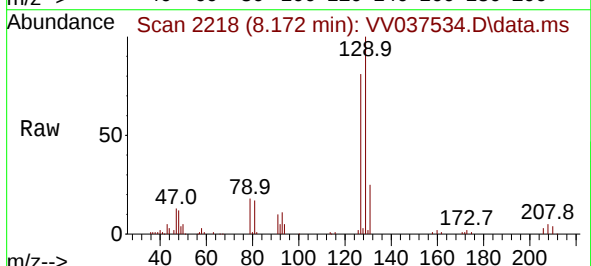
Acq: 26 Sep 2024 08:46

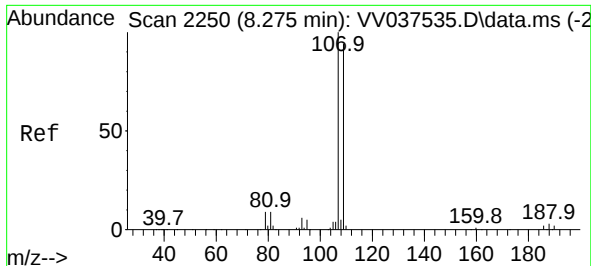
Tgt Ion: 129 Resp: 45437

Ion Ratio Lower Upper

129 100

127 80.5 54.9 101.9

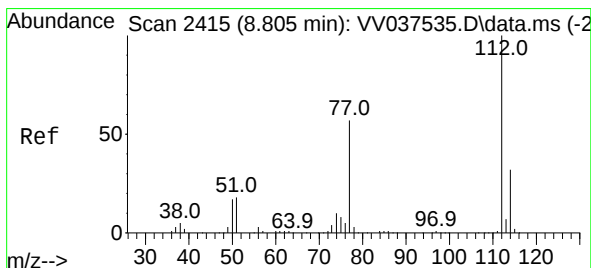
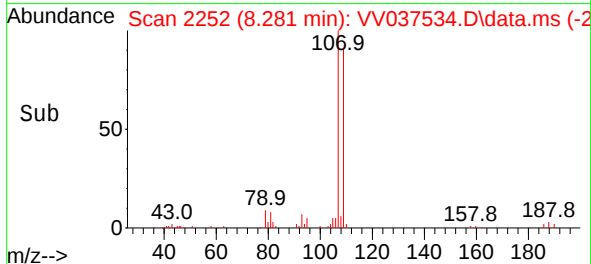
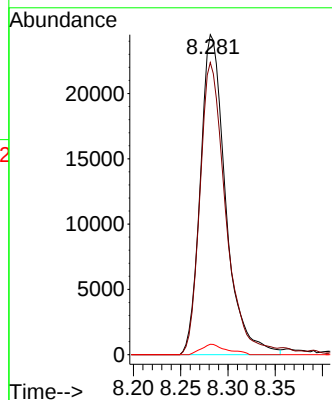
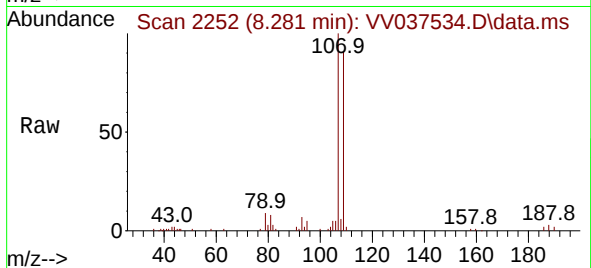




#50
1,2-Dibromoethane
Concen: 8.925 ug/L
RT: 8.281 min Scan# 2417
Delta R.T. 0.007 min
Lab File: VV037534.D
Acq: 26 Sep 2024 08:46

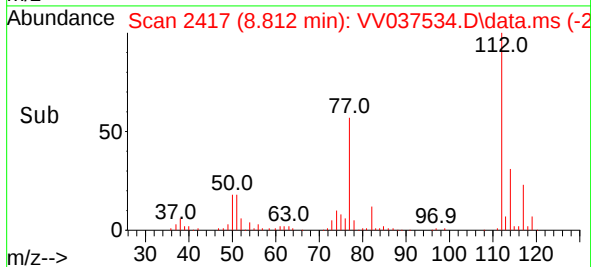
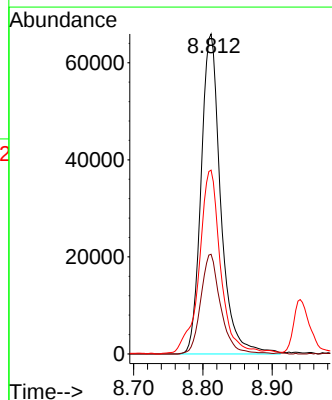
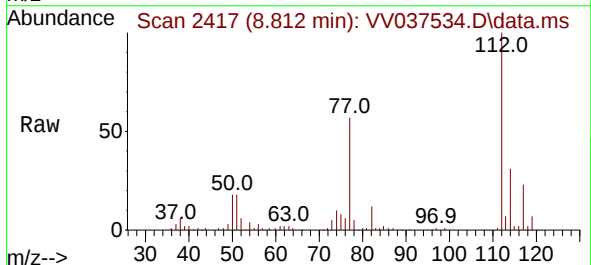
Instrument :
MSVOA_V
ClientSampleId :

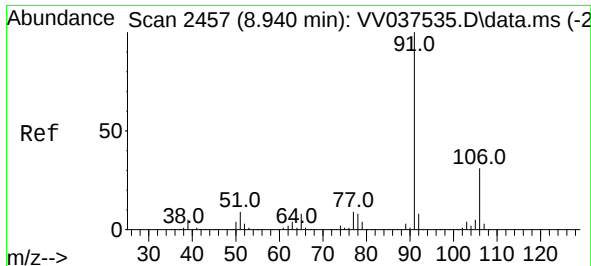
Tgt Ion:107 Resp: 45626
Ion Ratio Lower Upper
107 100
109 91.3 65.7 121.9
188 3.2 2.8 4.2



#51
Chlorobenzene
Concen: 9.221 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.007 min
Lab File: VV037534.D
Acq: 26 Sep 2024 08:46

Tgt Ion:112 Resp: 129897
Ion Ratio Lower Upper
112 100
114 31.2 22.5 41.7
77 57.5 45.8 68.8





#52

Ethylbenzene

Concen: 8.558 ug/L

RT: 8.944 min Scan# 2457

Delta R.T. 0.003 min

Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

Instrument :

MSVOA_V

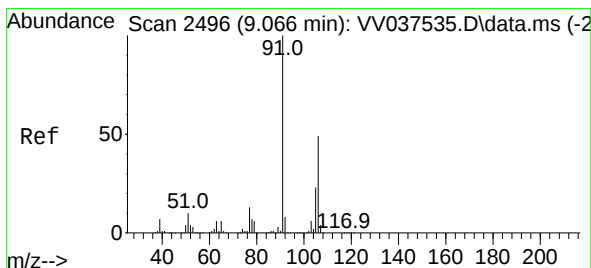
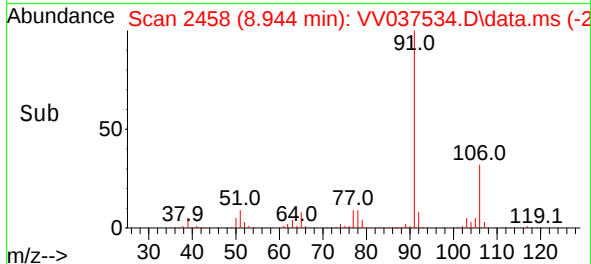
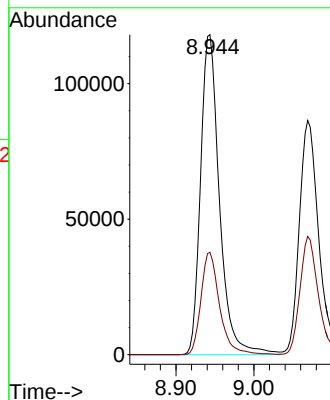
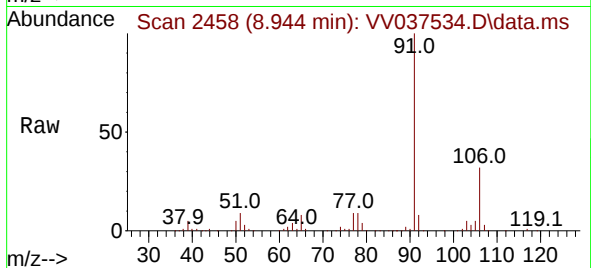
ClientSampleId :

Tgt Ion: 91 Resp: 199174

Ion Ratio Lower Upper

91 100

106 32.0 21.9 40.7



#53

m,p-Xylene

Concen: 8.389 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.003 min

Lab File: VV037534.D

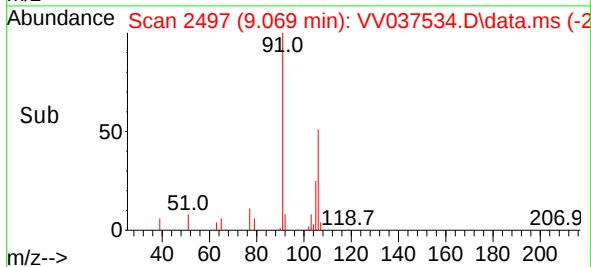
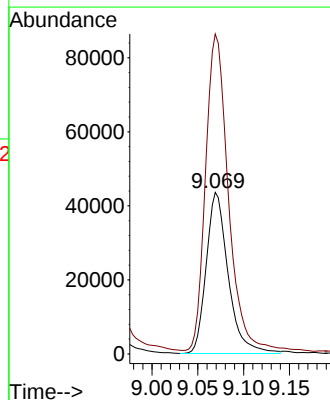
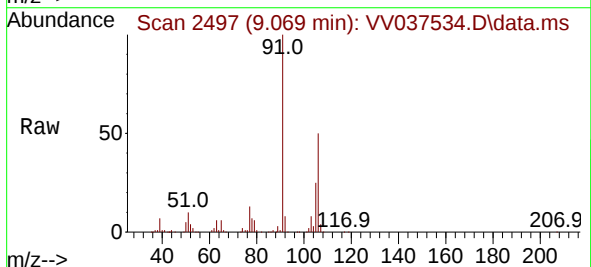
Acq: 26 Sep 2024 08:46

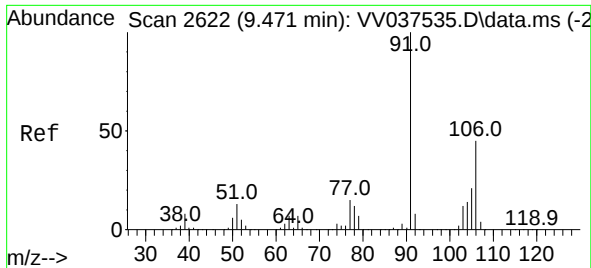
Tgt Ion:106 Resp: 72663

Ion Ratio Lower Upper

106 100

91 198.0 142.0 263.6

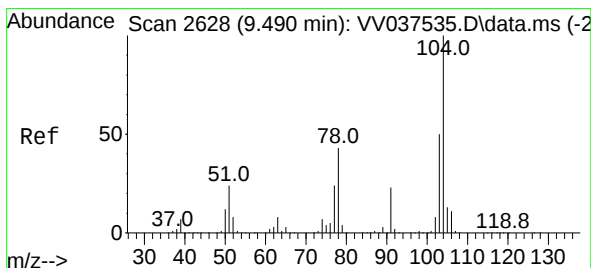
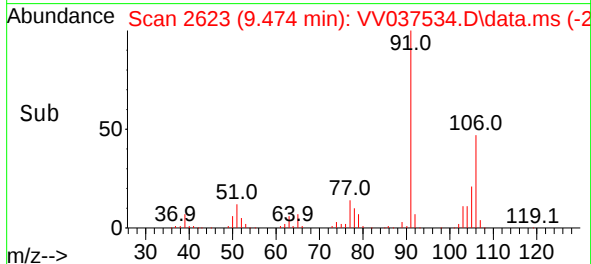
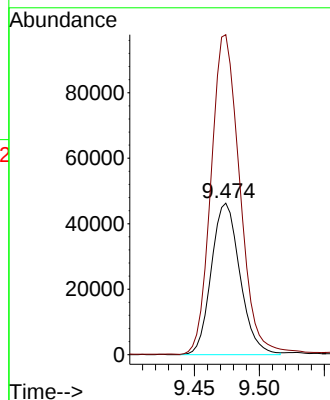
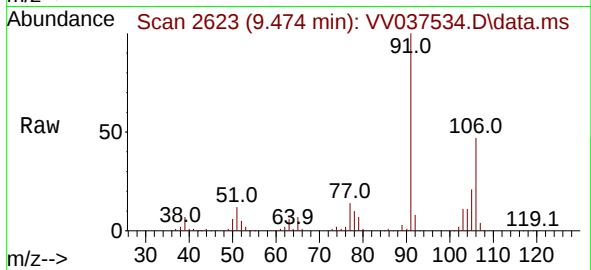




#54
o-Xylene
Concen: 8.373 ug/L
RT: 9.474 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV037534.D
Acq: 26 Sep 2024 08:46

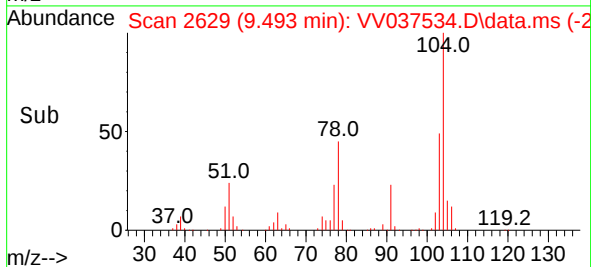
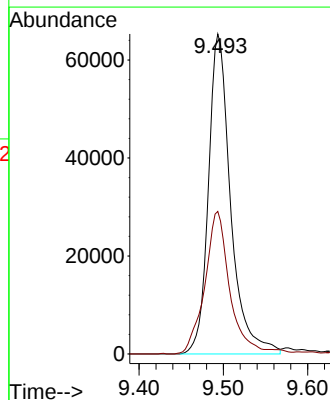
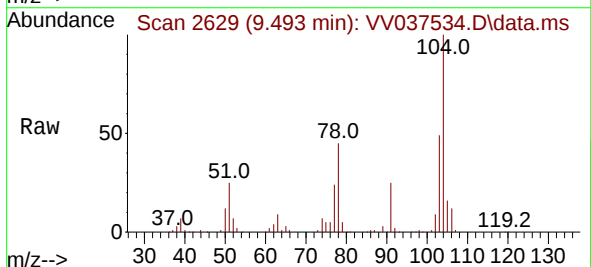
Instrument :
MSVOA_V
ClientSampleId :

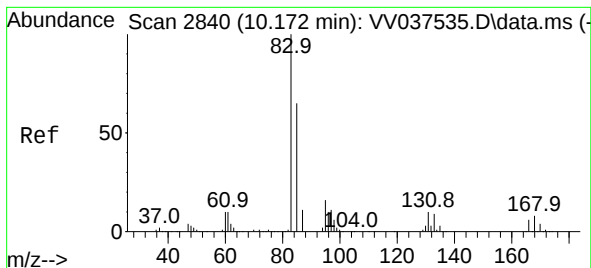
Tgt Ion:106 Resp: 70809
Ion Ratio Lower Upper
106 100
91 211.3 153.9 285.9



#55
Styrene
Concen: 8.147 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.003 min
Lab File: VV037534.D
Acq: 26 Sep 2024 08:46

Tgt Ion:104 Resp: 119940
Ion Ratio Lower Upper
104 100
78 44.6 30.0 55.6

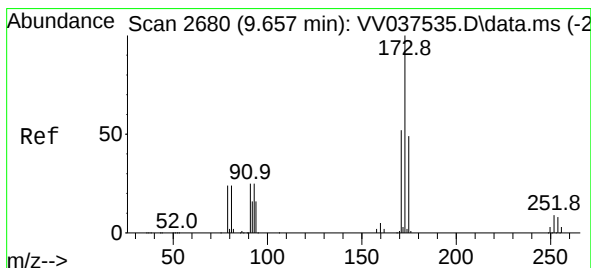
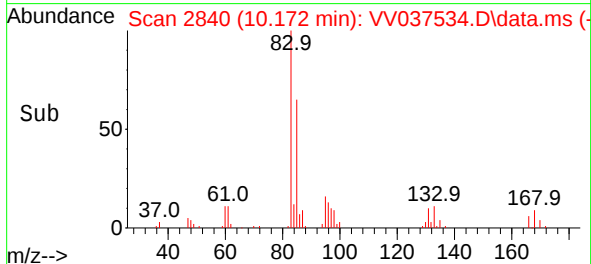
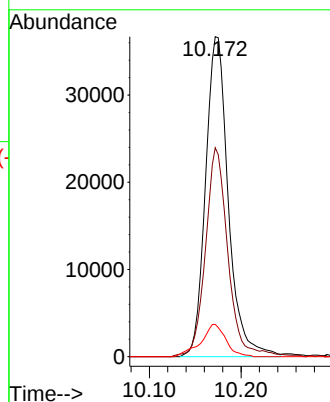
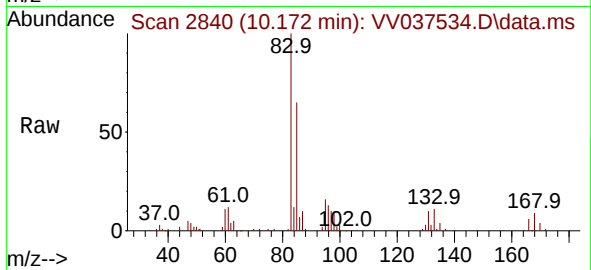




#57
1,1,2,2-Tetrachloroethane
Concen: 9.194 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV037534.D
Acq: 26 Sep 2024 08:46

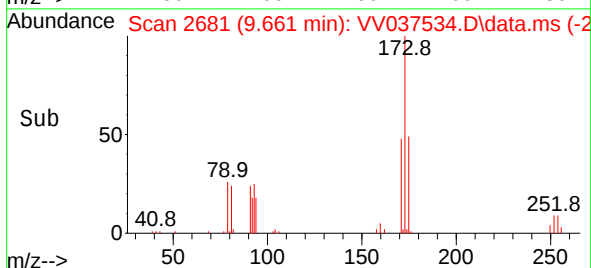
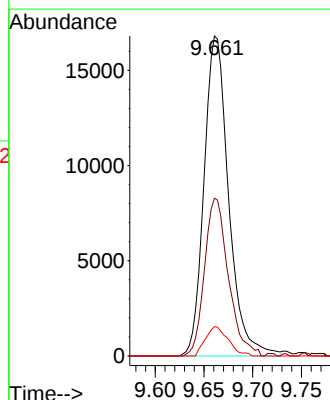
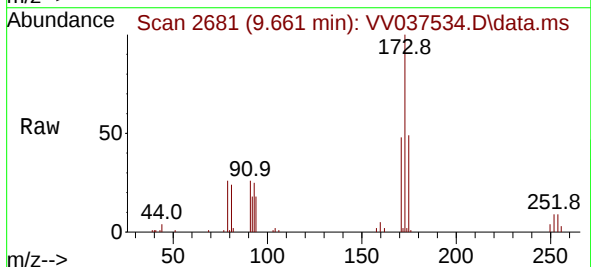
Instrument :
MSVOA_V
ClientSampleId :

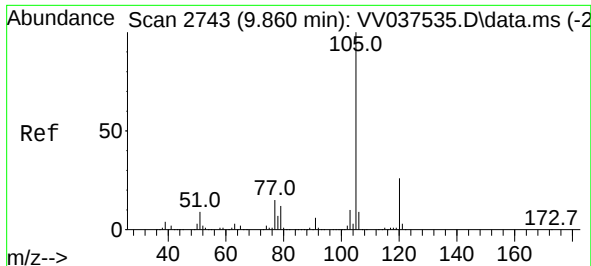
Tgt Ion: 83 Resp: 63393
Ion Ratio Lower Upper
83 100
85 65.3 45.9 85.3
131 10.1 7.9 11.9



#59
Bromoform
Concen: 8.844 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.003 min
Lab File: VV037534.D
Acq: 26 Sep 2024 08:46

Tgt Ion: 173 Resp: 29544
Ion Ratio Lower Upper
173 100
175 47.7 40.0 60.0
254 8.3 6.5 9.7

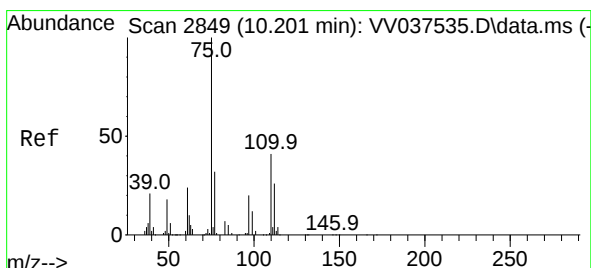
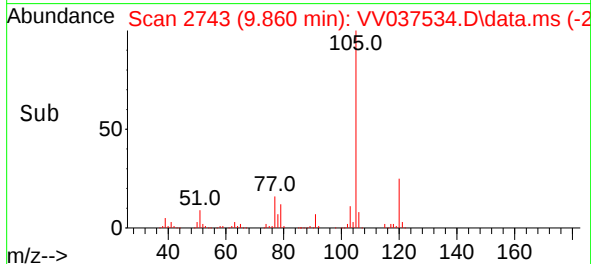
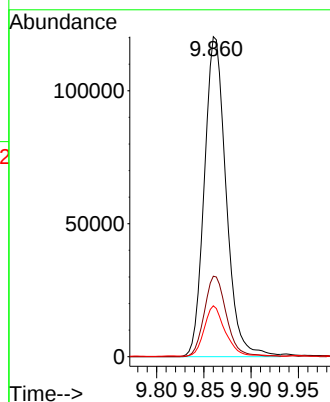
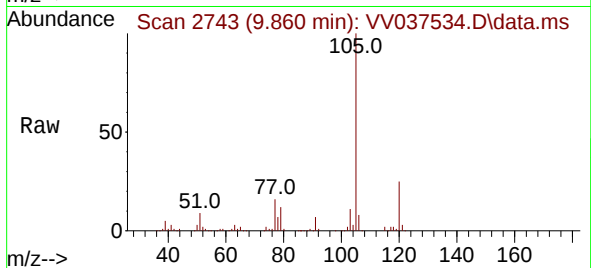




#60
Isopropylbenzene
Concen: 8.673 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037534.D
Acq: 26 Sep 2024 08:46

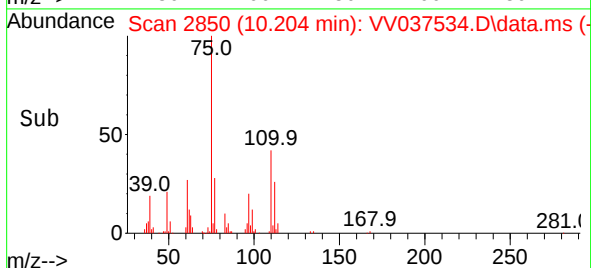
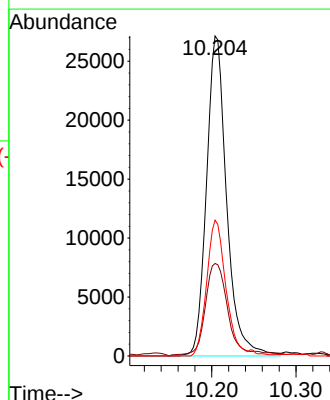
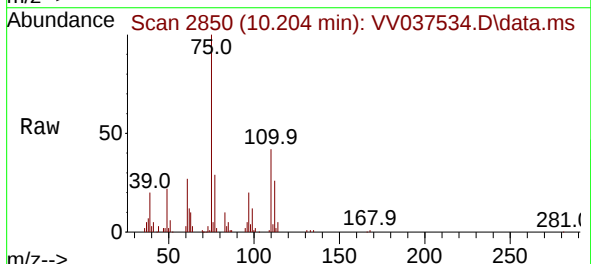
Instrument :
MSVOA_V
ClientSampleId :

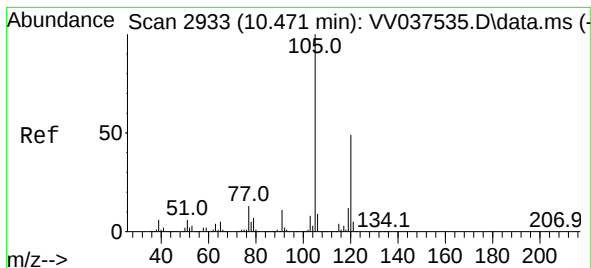
Tgt Ion:105 Resp: 192727
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1
77 14.8 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 9.293 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.003 min
Lab File: VV037534.D
Acq: 26 Sep 2024 08:46

Tgt Ion: 75 Resp: 45196
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
110 40.1 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 8.115 ug/L

RT: 10.471 min Scan# 20

Delta R.T. 0.000 min

Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

Instrument :

MSVOA_V

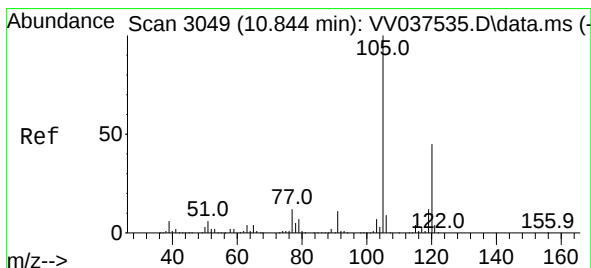
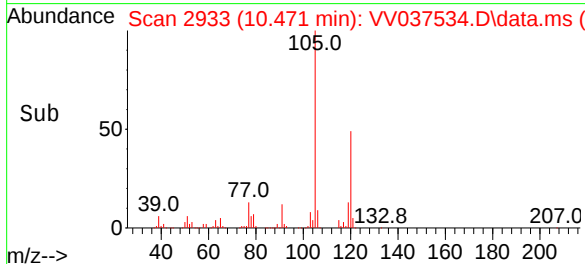
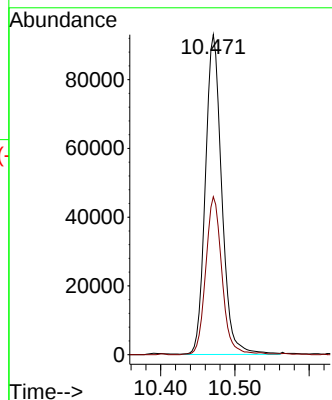
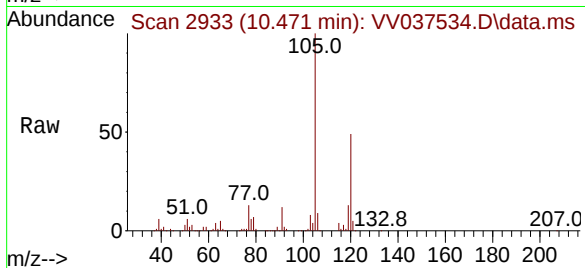
ClientSampleId :

Tgt Ion:105 Resp: 142569

Ion Ratio Lower Upper

105 100

120 48.8 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 7.924 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV037534.D

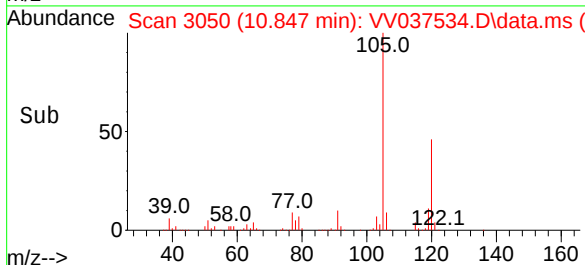
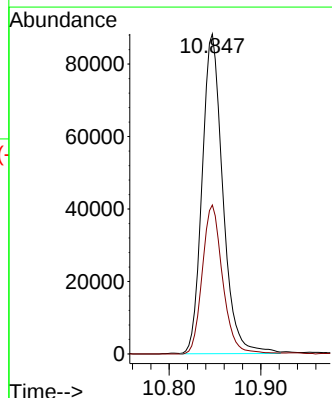
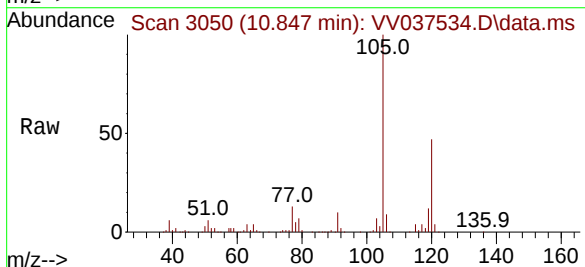
Acq: 26 Sep 2024 08:46

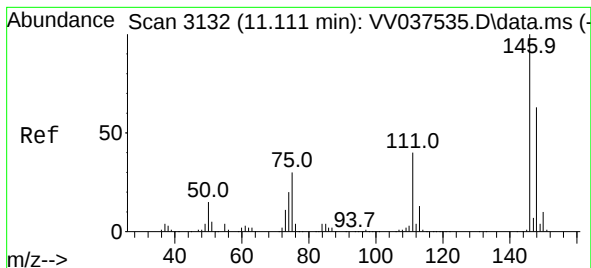
Tgt Ion:105 Resp: 138516

Ion Ratio Lower Upper

105 100

120 45.8 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 8.956 ug/L

RT: 11.114 min Scan# 3132

Delta R.T. 0.003 min

Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

Instrument :

MSVOA_V

ClientSampleId :

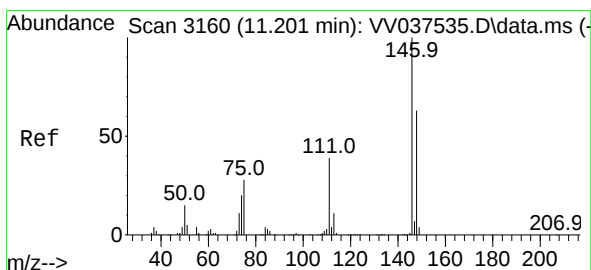
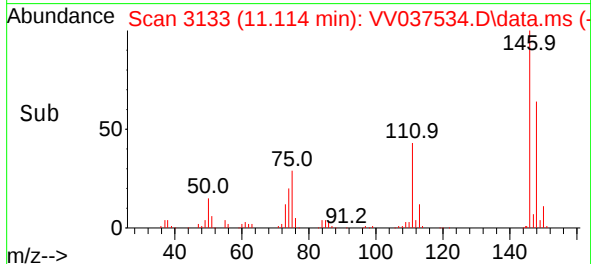
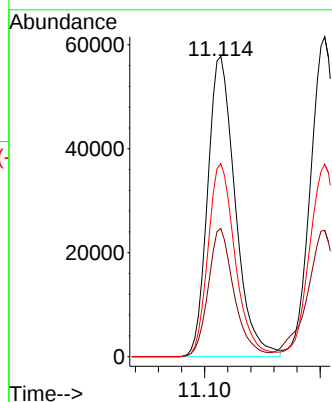
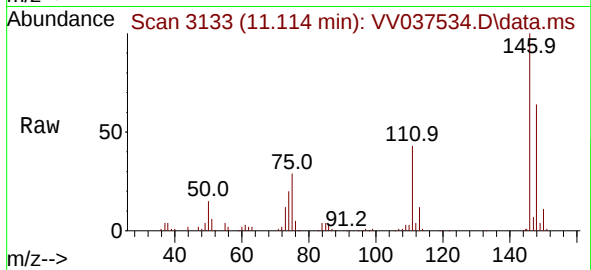
Tgt Ion:146 Resp: 95788

Ion Ratio Lower Upper

146 100

111 42.7 28.3 52.5

148 64.3 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 9.382 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

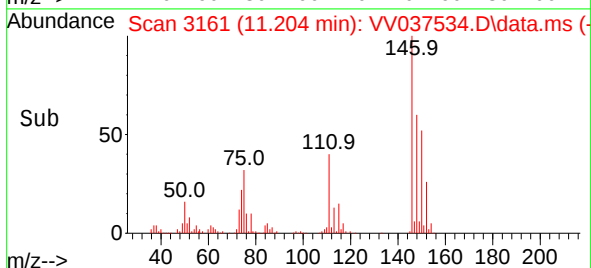
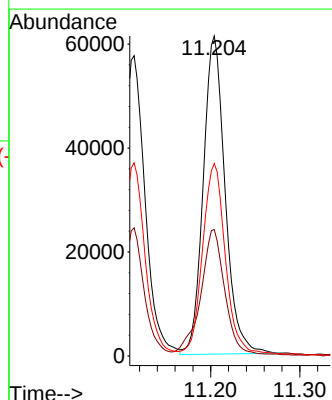
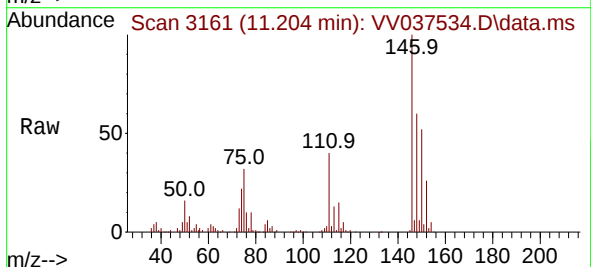
Tgt Ion:146 Resp: 104495

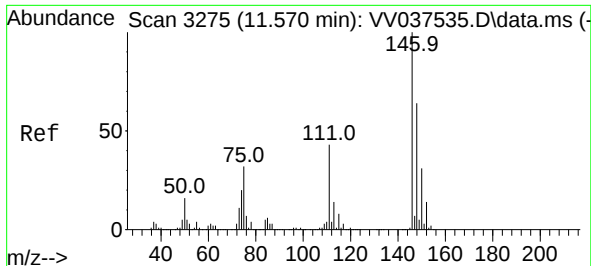
Ion Ratio Lower Upper

146 100

111 39.5 27.6 51.4

148 60.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 9.176 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

Instrument :

MSVOA_V

ClientSampleId :

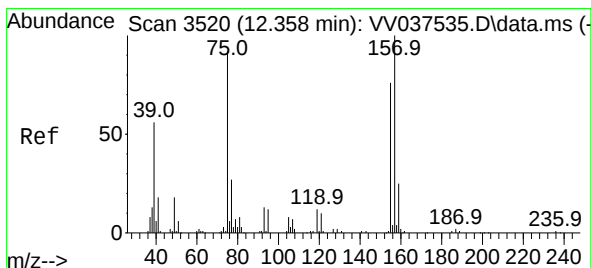
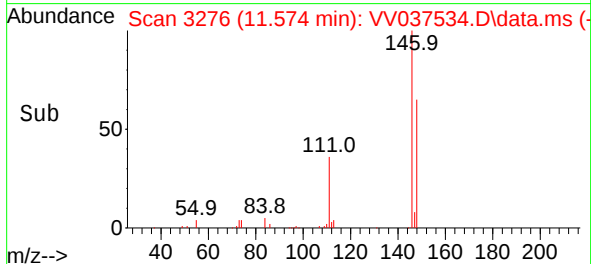
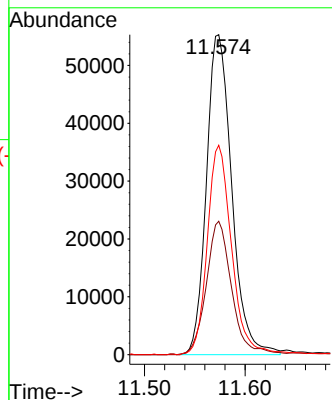
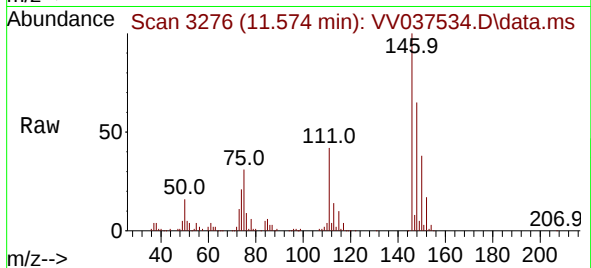
Tgt Ion:146 Resp: 97020

Ion Ratio Lower Upper

146 100

111 41.7 34.2 51.2

148 65.4 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 8.689 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.003 min

Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

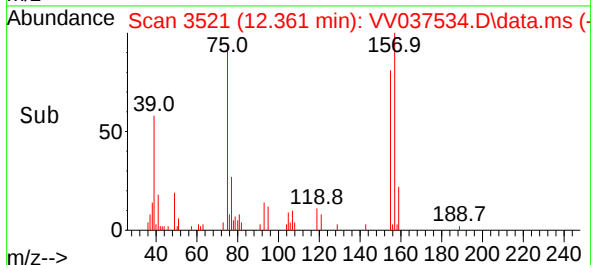
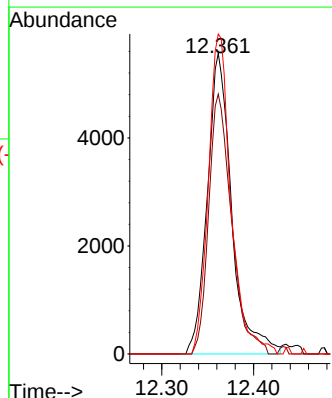
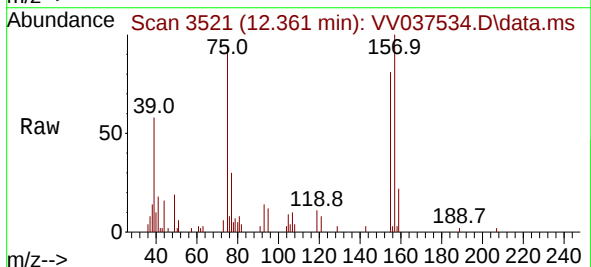
Tgt Ion: 75 Resp: 10258

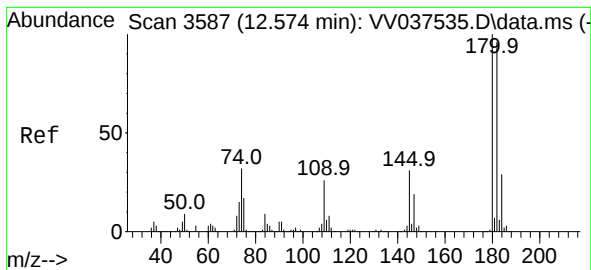
Ion Ratio Lower Upper

75 100

155 86.4 66.2 99.4

157 106.4 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 8.538 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.003 min

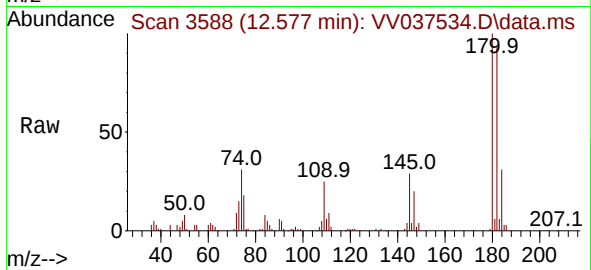
Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 62795

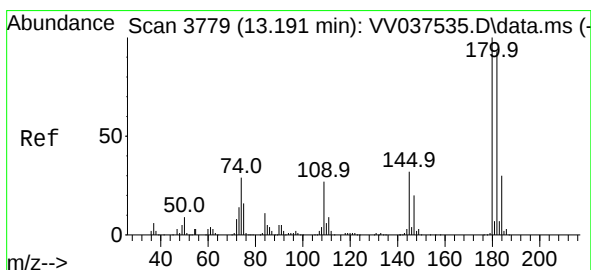
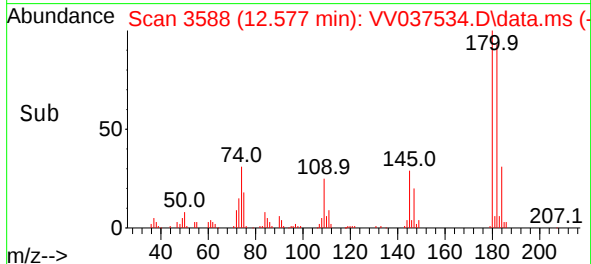
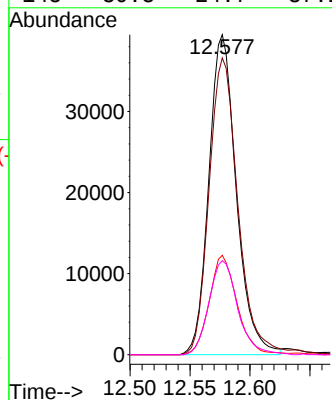
Ion Ratio Lower Upper

180 100

182 96.9 75.6 113.4

184 31.4 23.8 35.6

145 30.8 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 8.111 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

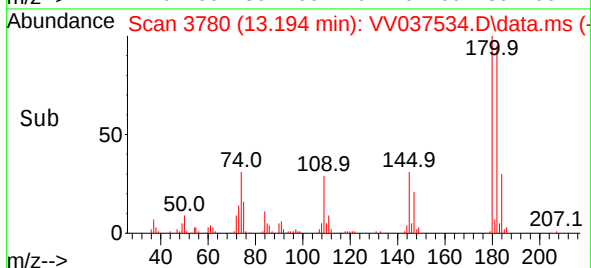
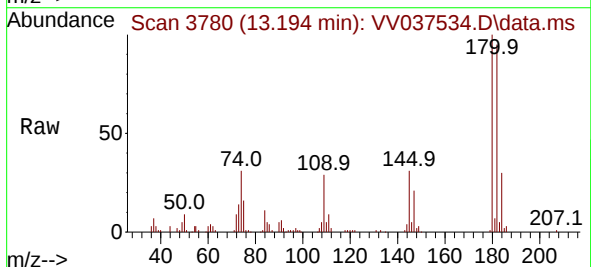
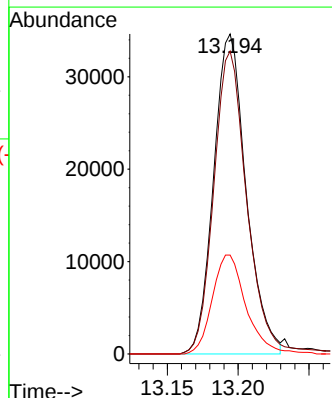
Tgt Ion:180 Resp: 55352

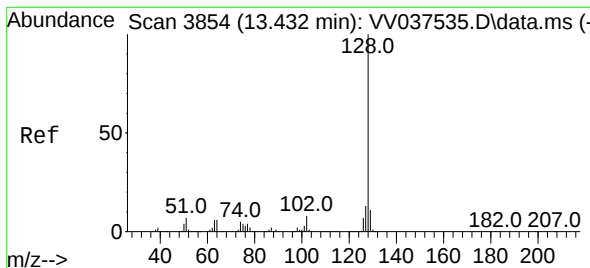
Ion Ratio Lower Upper

180 100

182 96.4 75.9 113.9

145 32.0 25.4 38.2





#71

Naphthalene

Concen: 7.480 ug/L

RT: 13.435 min Scan# 3854

Delta R.T. 0.003 min

Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

Instrument :

MSVOA_V

ClientSampleId :

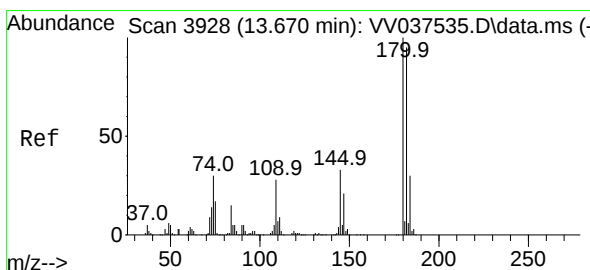
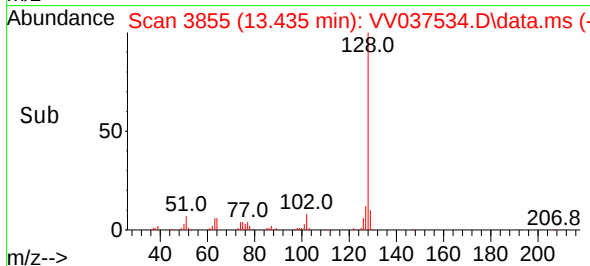
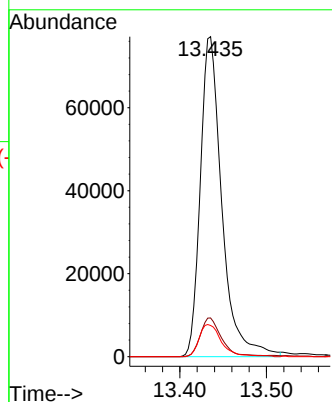
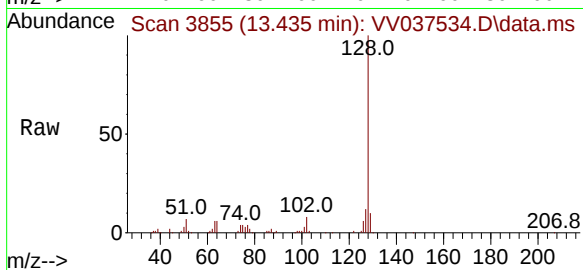
Tgt Ion:128 Resp: 133371

Ion Ratio Lower Upper

128 100

127 12.0 10.2 15.4

129 10.3 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 8.228 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.003 min

Lab File: VV037534.D

Acq: 26 Sep 2024 08:46

Tgt Ion:180 Resp: 55447

Ion Ratio Lower Upper

180 100

182 99.1 75.8 113.8

145 36.4 26.2 39.4

