

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091024\
 Data File : VV037241.D
 Acq On : 10 Sep 2024 09:55
 Operator : SY/MD
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 11 04:36:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 04:34:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	320302	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	312860	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	164279	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	92829	4.940	ug/L	0.00
7) Chloroethane-d5	1.529	69	99104	5.058	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	50177	5.171	ug/L	0.00
20) 2-Butanone-d5	3.818	46	286438	56.171	ug/L	0.00
24) Chloroform-d	4.243	84	231425	5.072	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	106556	4.988	ug/L	0.00
32) Benzene-d6	4.953	84	441132	5.259	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	135730	4.987	ug/L	0.00
41) Toluene-d8	7.236	98	402931	5.331	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	44248	5.157	ug/L	0.00
46) 2-Hexanone-d5	8.024	63	223912	55.602	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	107457	5.054	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	142881	4.892	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	151170	5.081	ug/L	100
3) Chloromethane	1.214	50	155972	4.913	ug/L	100
5) Vinyl chloride	1.281	62	157393	5.044	ug/L	100
6) Bromomethane	1.487	94	93591	5.000	ug/L	100
8) Chloroethane	1.548	64	96104	5.122	ug/L	100
9) Trichlorofluoromethane	1.709	101	200803	5.174	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	118423	5.038	ug/L	100
12) 1,1-Dichloroethene	2.066	96	114642	5.107	ug/L	100
13) Acetone	2.146	43	188676	50.435	ug/L	100
14) Carbon disulfide	2.236	76	356285	5.034	ug/L	100
15) Methyl Acetate	2.388	43	44107	5.002	ug/L	100
16) Methylene chloride	2.442	84	128651	4.986	ug/L	100
17) Methyl tert-butyl Ether	2.699	73	272265	5.103	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	122068	5.169	ug/L	100
19) 1,1-Dichloroethane	3.105	63	232830	5.163	ug/L	100
21) 2-Butanone	3.895	43	294074	53.314	ug/L	100
22) cis-1,2-Dichloroethene	3.809	96	131577	5.154	ug/L	100
23) Bromochloromethane	4.143	128	56301	5.092	ug/L	100
25) Chloroform	4.268	83	235032	5.174	ug/L	100
27) 1,2-Dichloroethane	5.037	62	136055	5.293	ug/L	100
29) 1,1,1-Trichloroethane	4.503	97	196420	5.295	ug/L	100
30) Cyclohexane	4.574	56	186295	5.176	ug/L	100
31) Carbon tetrachloride	4.728	117	165408	5.238	ug/L	100
33) Benzene	5.005	78	498105	5.284	ug/L	100
34) Trichloroethene	5.828	95	132436	5.214	ug/L	100
35) Methylcyclohexane	6.043	83	202385	5.241	ug/L	100
37) 1,2-Dichloropropane	6.088	63	125174	5.390	ug/L	100
38) Bromodichloromethane	6.429	83	159639	5.317	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	176864	5.208	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	743296	54.555	ug/L	100
42) Toluene	7.310	91	529037	5.395	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	146634	5.301	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091024\
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 Misc : 25.0mL/MSVOA_V/WATER
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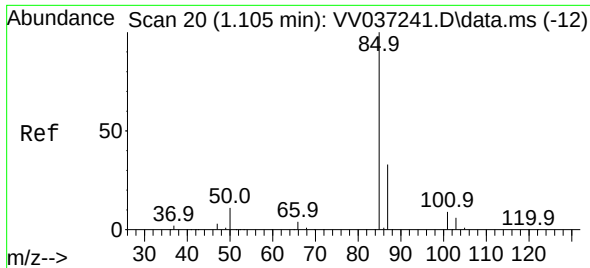
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 11 04:36:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 04:34:16 2024
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	7.763	97	91385	5.324	ug/L	100
47) Tetrachloroethene	7.899	164	96044	5.283	ug/L	100
48) 2-Hexanone	8.075	43	518943	55.287	ug/L	100
49) Dibromochloromethane	8.172	129	94962	5.280	ug/L	100
50) 1,2-Dibromoethane	8.278	107	85207	5.254	ug/L	100
51) Chlorobenzene	8.808	112	341427	5.229	ug/L	100
52) Ethylbenzene	8.940	91	579807	5.298	ug/L	100
53) m,p-Xylene	9.069	106	220107	5.466	ug/L	100
54) o-Xylene	9.474	106	211129	5.296	ug/L	100
55) Styrene	9.493	104	370746	5.486	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	110049	5.307	ug/L	100
59) Bromoform	9.661	173	48851	5.083	ug/L	100
60) Isopropylbenzene	9.860	105	571000	5.193	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	76162	5.095	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	455866	5.228	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	458333	5.233	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	265507	5.108	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	269708	5.060	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	242088	5.024	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	15445	5.174	ug/L	100
69) 1,3,5-Trichlorobenzene	12.577	180	184806	4.985	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	152116	4.985	ug/L	100
71) Naphthalene	13.438	128	214059	4.590	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	128093	5.073	ug/L	100

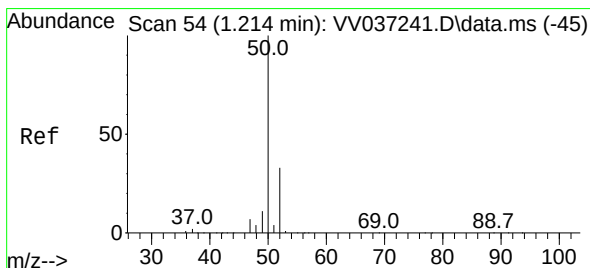
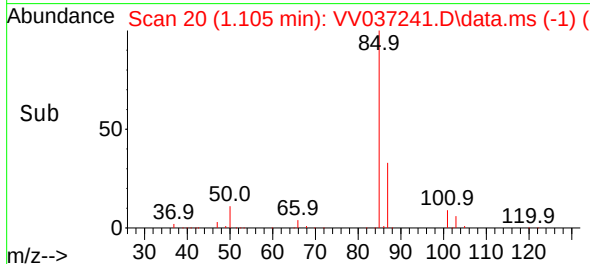
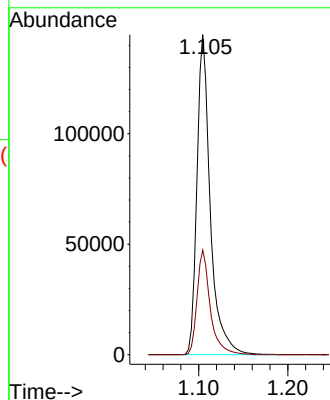
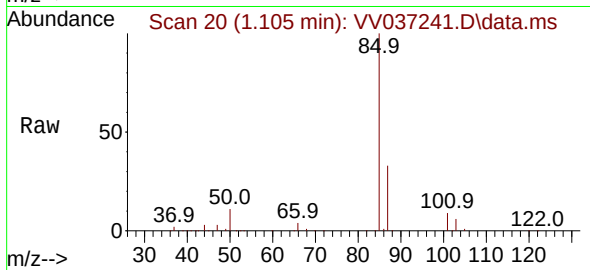
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.081 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV037241.D
 Acq: 10 Sep 2024 09:55

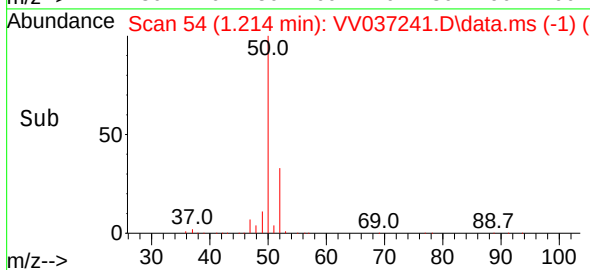
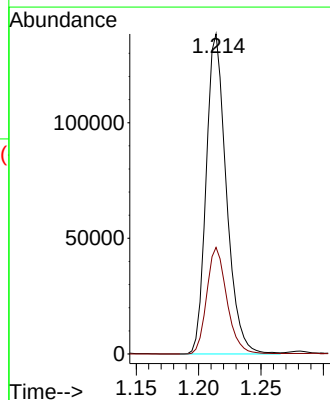
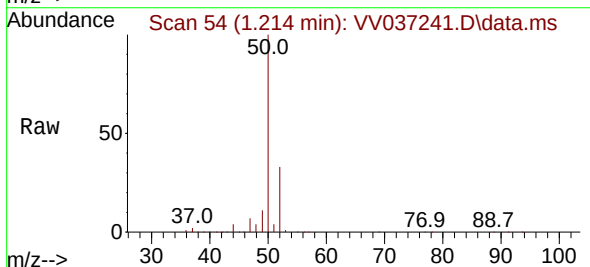
Instrument :
 MSVOA_V
 ClientSampleId :

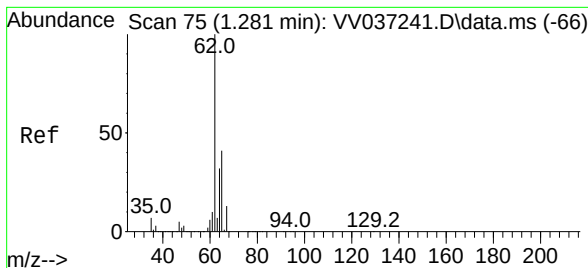
Tgt Ion: 85 Resp: 151170
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.8



#3
 Chloromethane
 Concen: 4.913 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV037241.D
 Acq: 10 Sep 2024 09:55

Tgt Ion: 50 Resp: 155972
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.3 43.3





#5

Vinyl chloride

Concen: 5.044 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV037241.D

Acq: 10 Sep 2024 09:55

Instrument :

MSVOA_V

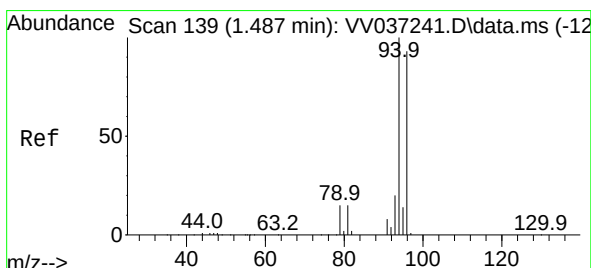
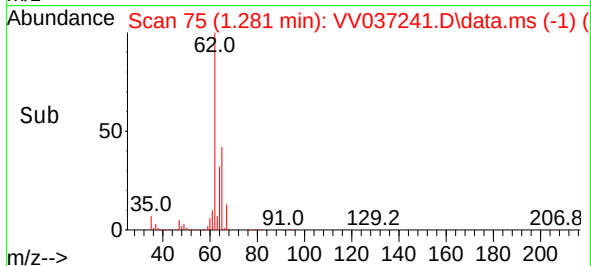
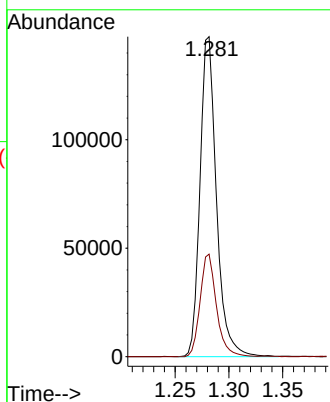
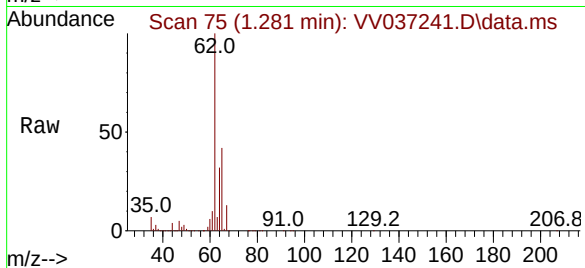
ClientSampleId :

Tgt Ion: 62 Resp: 157393

Ion Ratio Lower Upper

62 100

64 32.0 22.4 41.6



#6

Bromomethane

Concen: 5.000 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV037241.D

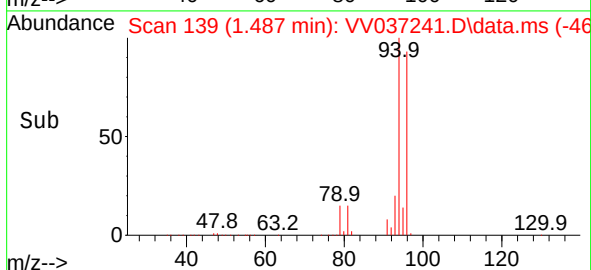
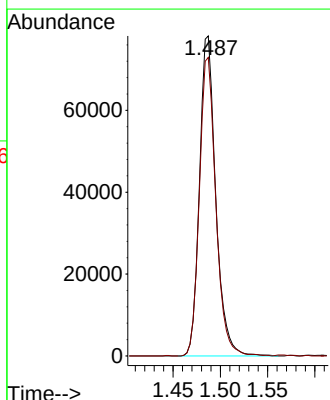
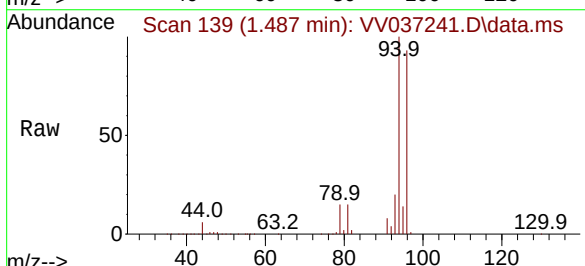
Acq: 10 Sep 2024 09:55

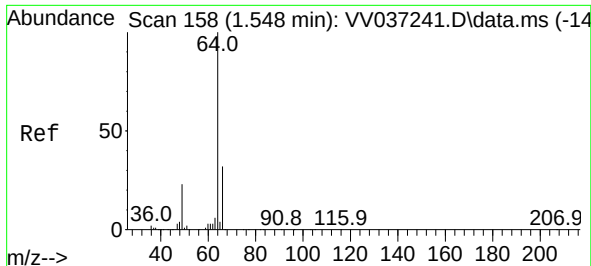
Tgt Ion: 94 Resp: 93591

Ion Ratio Lower Upper

94 100

96 93.3 65.3 121.3

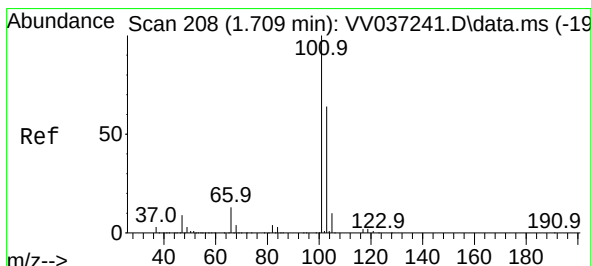
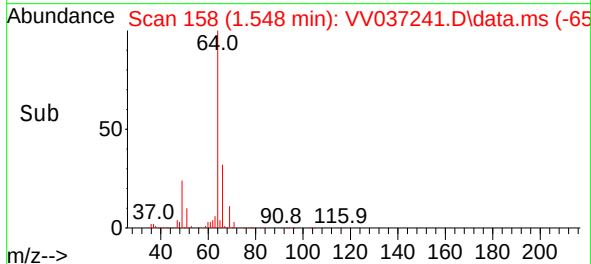
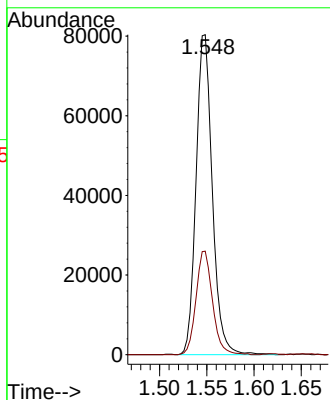
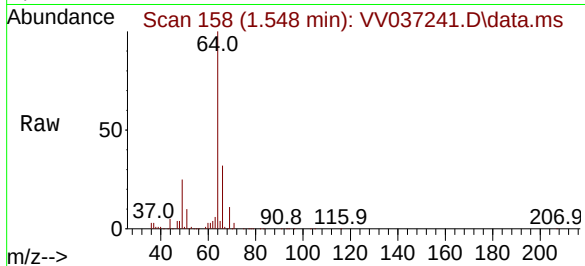




#8
Chloroethane
Concen: 5.122 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037241.D
Acq: 10 Sep 2024 09:55

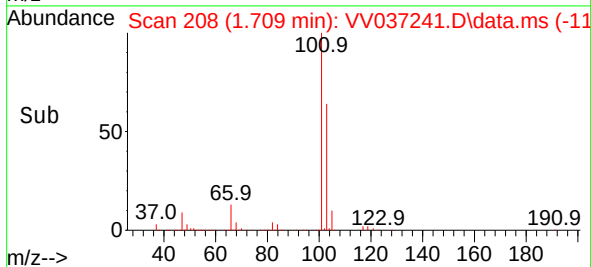
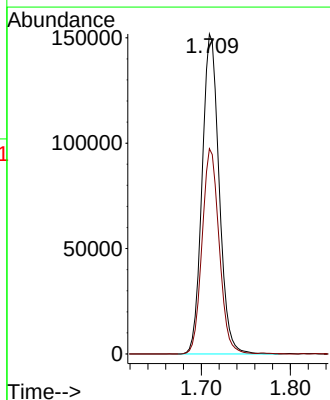
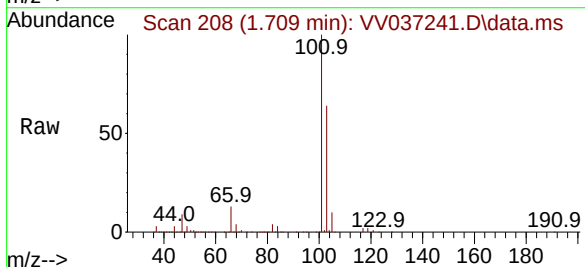
Instrument :
MSVOA_V
ClientSampleId :

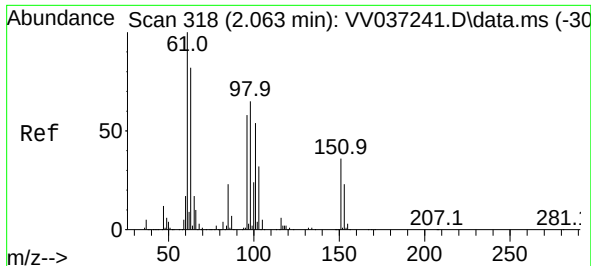
Tgt Ion: 64 Resp: 96104
Ion Ratio Lower Upper
64 100
66 32.4 22.7 42.1



#9
Trichlorofluoromethane
Concen: 5.174 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV037241.D
Acq: 10 Sep 2024 09:55

Tgt Ion:101 Resp: 200803
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

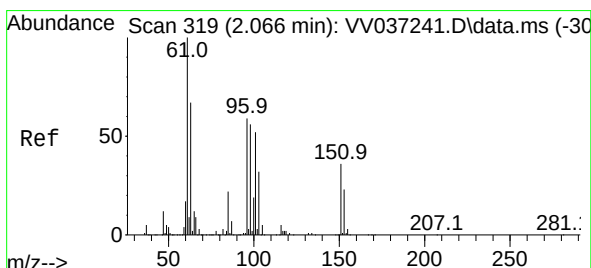
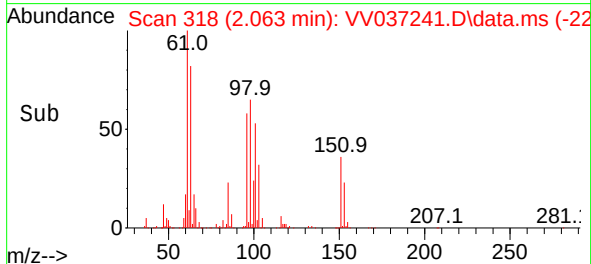
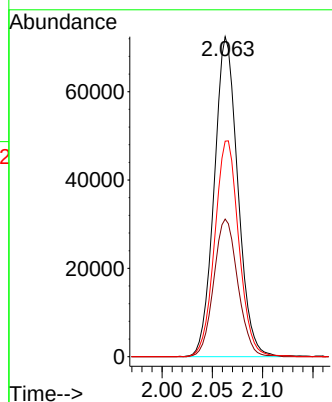
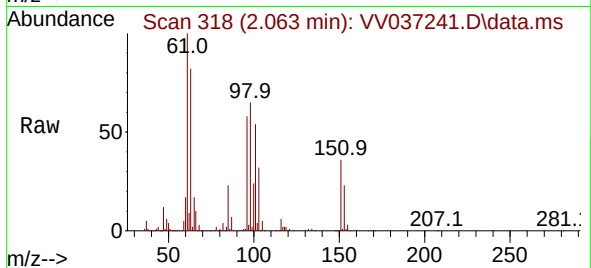




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.038 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV037241.D
Acq: 10 Sep 2024 09:55

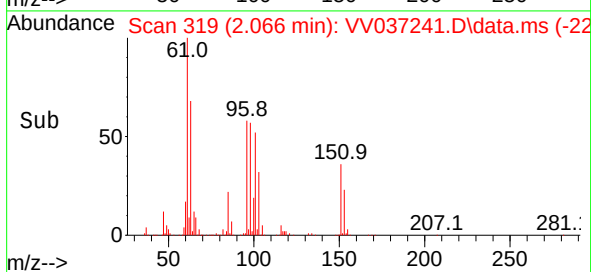
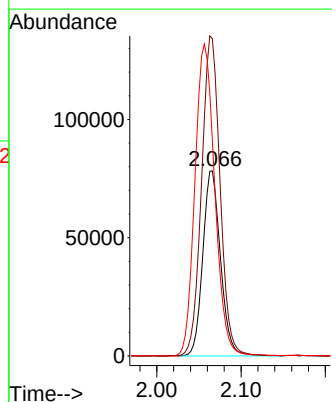
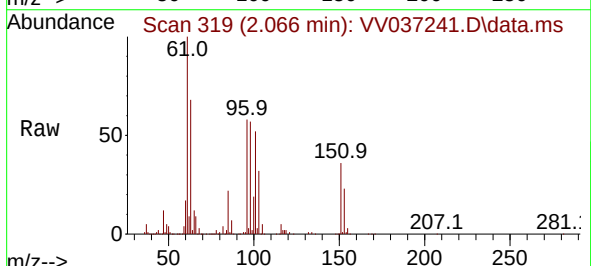
Instrument :
MSVOA_V
ClientSampleId :

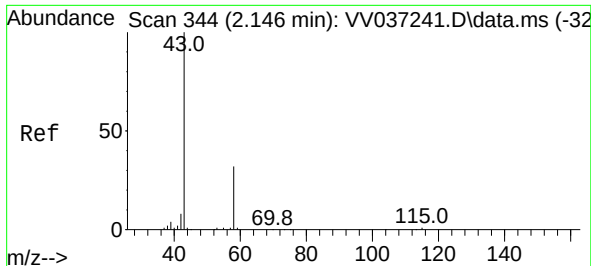
Tgt Ion:101 Resp: 118423
Ion Ratio Lower Upper
101 100
85 43.9 35.1 52.7
151 69.1 55.3 82.9



#12
1,1-Dichloroethene
Concen: 5.107 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV037241.D
Acq: 10 Sep 2024 09:55

Tgt Ion: 96 Resp: 114642
Ion Ratio Lower Upper
96 100
61 171.3 119.9 222.7
63 116.3 81.4 151.2





#13

Acetone

Concen: 50.435 ug/L

RT: 2.146 min Scan# 344

Delta R.T. 0.000 min

Lab File: VV037241.D

Acq: 10 Sep 2024 09:55

Instrument :

MSVOA_V

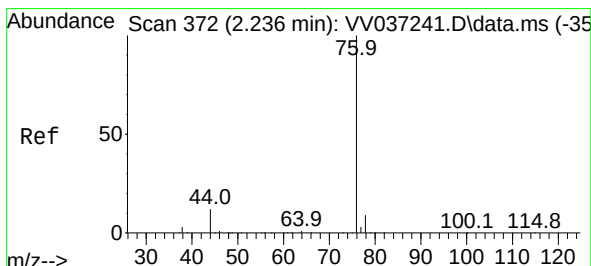
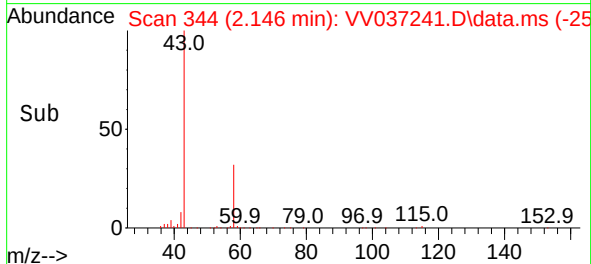
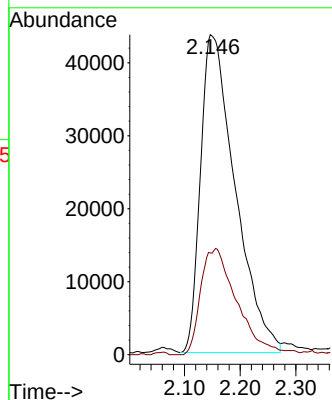
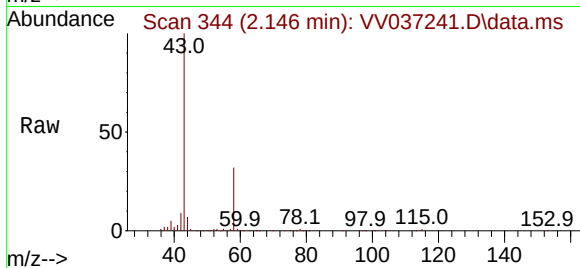
ClientSampleId :

Tgt Ion: 43 Resp: 188676

Ion Ratio Lower Upper

43 100

58 34.6 0.0 69.2



#14

Carbon disulfide

Concen: 5.034 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV037241.D

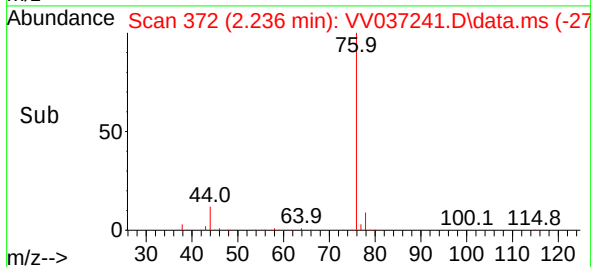
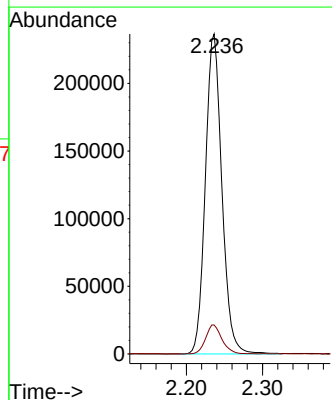
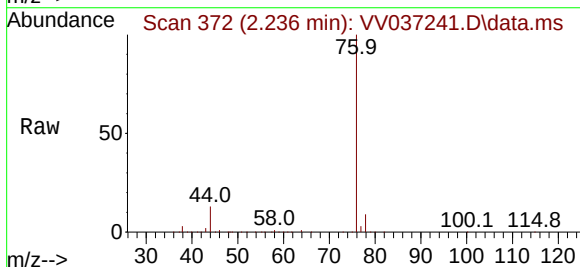
Acq: 10 Sep 2024 09:55

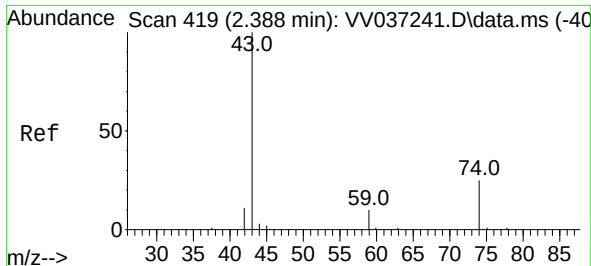
Tgt Ion: 76 Resp: 356285

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#15

Methyl Acetate

Concen: 5.002 ug/L

RT: 2.388 min Scan# 419

Delta R.T. 0.000 min

Lab File: VV037241.D

Acq: 10 Sep 2024 09:55

Instrument :

MSVOA_V

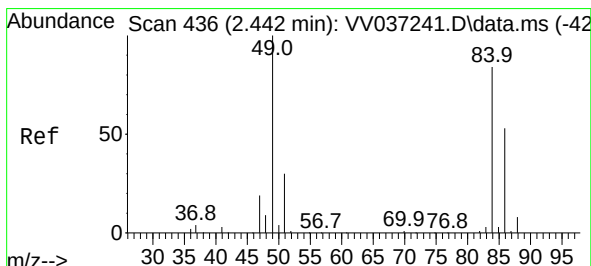
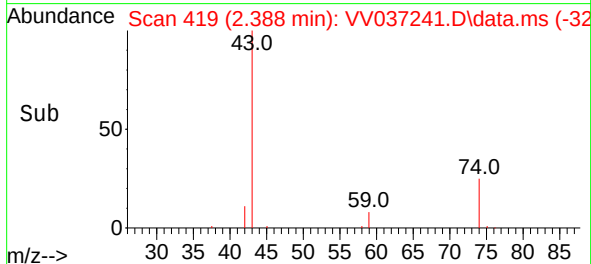
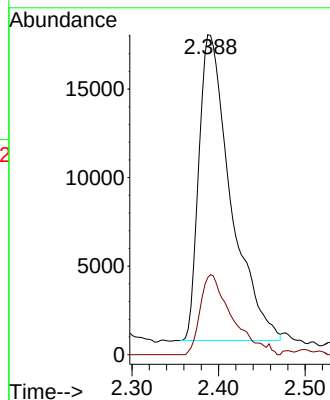
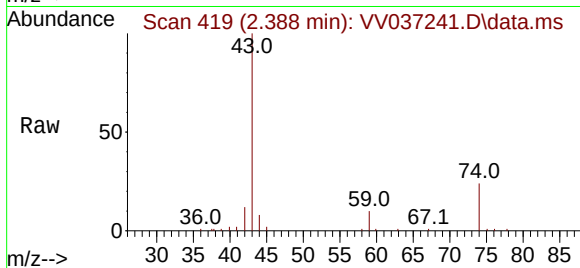
ClientSampleId :

Tgt Ion: 43 Resp: 44107

Ion Ratio Lower Upper

43 100

74 26.2 21.0 31.4



#16

Methylene chloride

Concen: 4.986 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037241.D

Acq: 10 Sep 2024 09:55

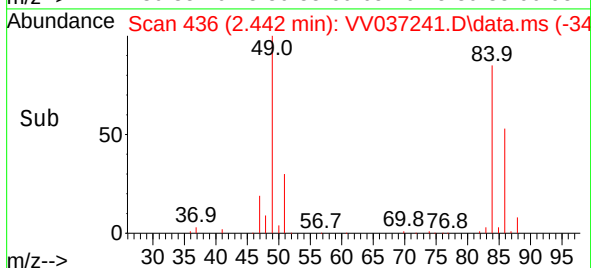
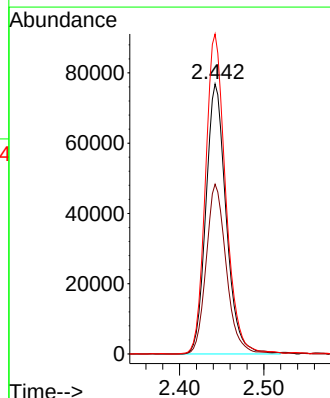
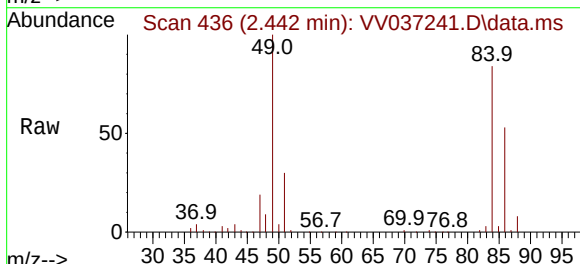
Tgt Ion: 84 Resp: 128651

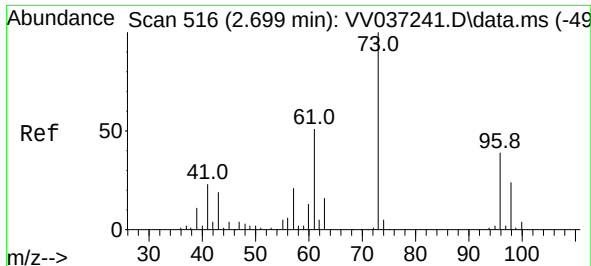
Ion Ratio Lower Upper

84 100

86 62.9 44.0 81.8

49 118.5 83.0 154.1





#17

Methyl tert-butyl Ether

Concen: 5.103 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV037241.D

Acq: 10 Sep 2024 09:55

Instrument :

MSVOA_V

ClientSampleId :

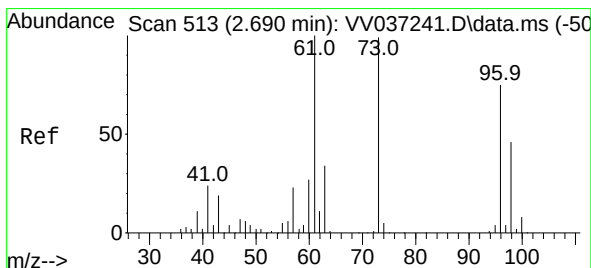
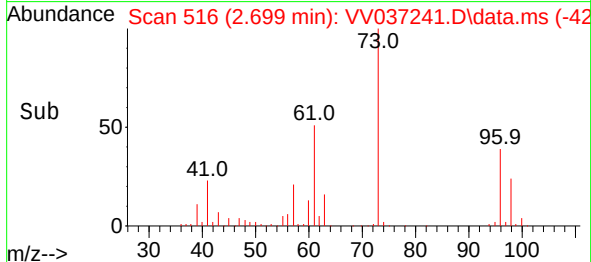
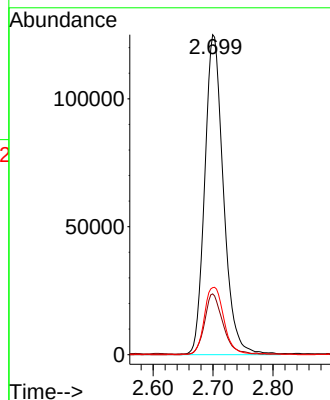
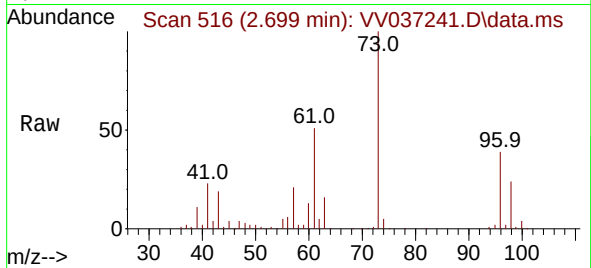
Tgt Ion: 73 Resp: 272265

Ion Ratio Lower Upper

73 100

43 18.1 14.5 21.7

57 22.1 17.7 26.5



#18

trans-1,2-Dichloroethene

Concen: 5.169 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

Lab File: VV037241.D

Acq: 10 Sep 2024 09:55

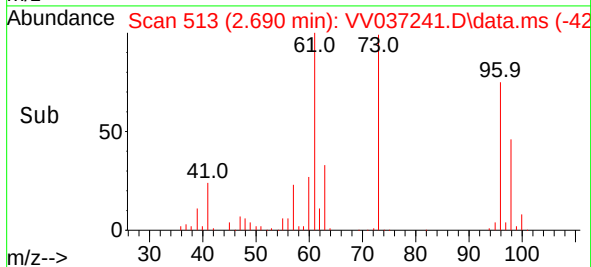
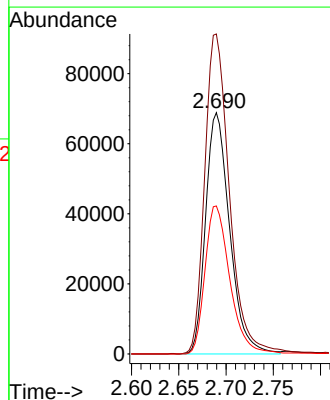
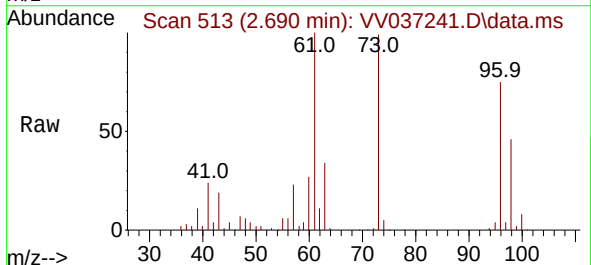
Tgt Ion: 96 Resp: 122068

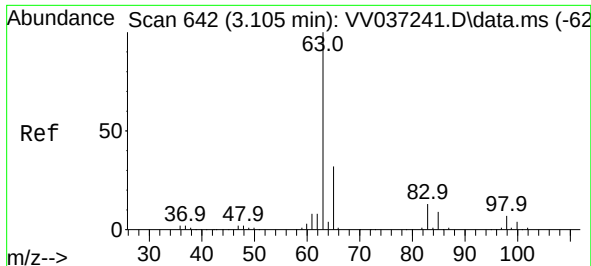
Ion Ratio Lower Upper

96 100

61 132.6 92.8 172.4

98 61.4 43.0 79.8

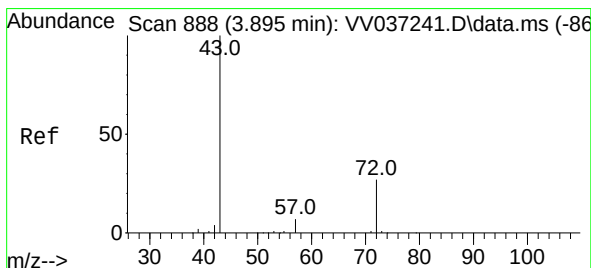
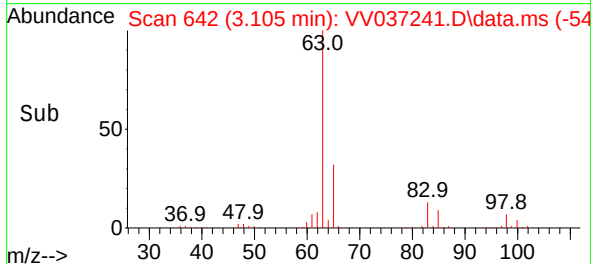
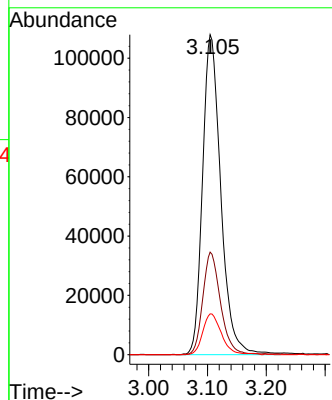
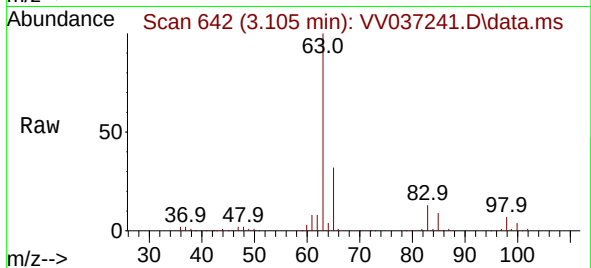




#19
1,1-Dichloroethane
Concen: 5.163 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037241.D
Acq: 10 Sep 2024 09:55

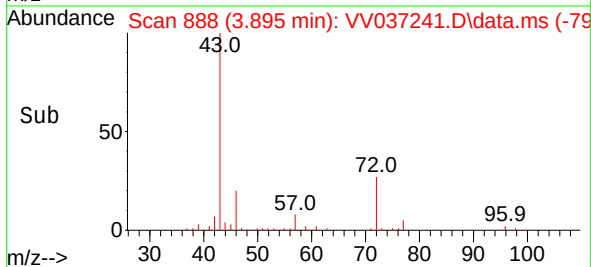
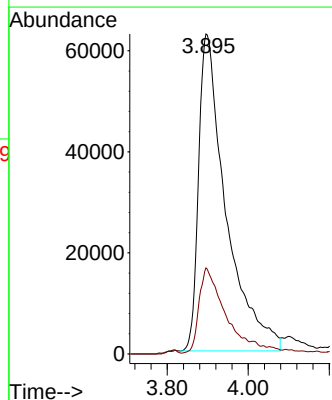
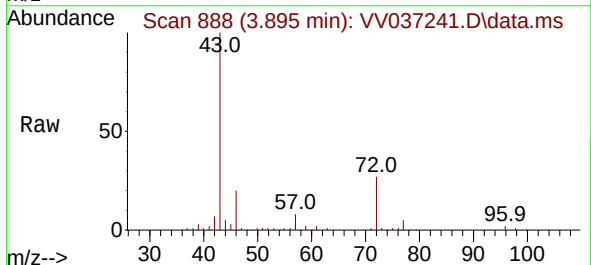
Instrument :
MSVOA_V
ClientSampleId :

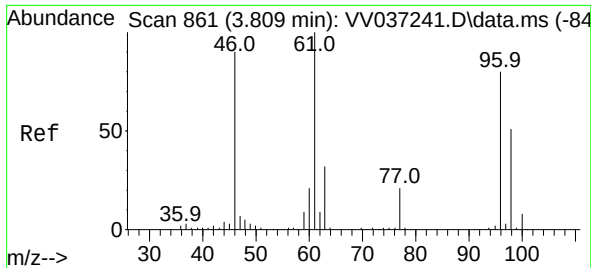
Tgt Ion: 63 Resp: 232830
Ion Ratio Lower Upper
63 100
65 32.1 22.5 41.7
83 12.7 8.9 16.5



#21
2-Butanone
Concen: 53.314 ug/L
RT: 3.895 min Scan# 888
Delta R.T. 0.000 min
Lab File: VV037241.D
Acq: 10 Sep 2024 09:55

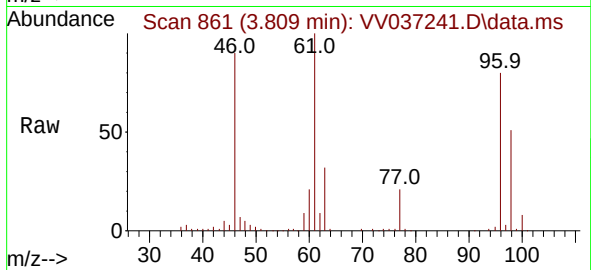
Tgt Ion: 43 Resp: 294074
Ion Ratio Lower Upper
43 100
72 24.4 12.2 36.6



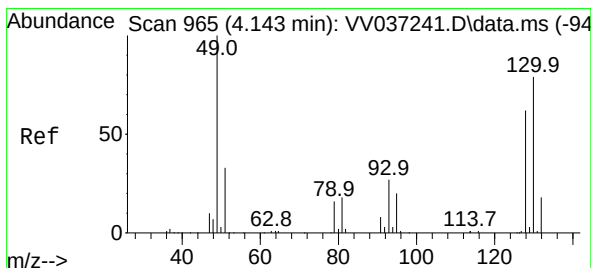
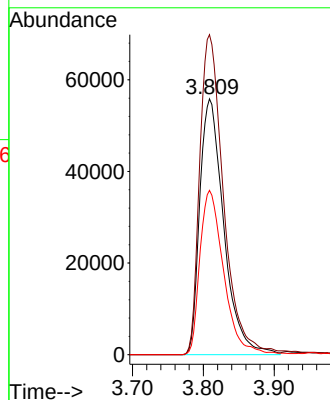
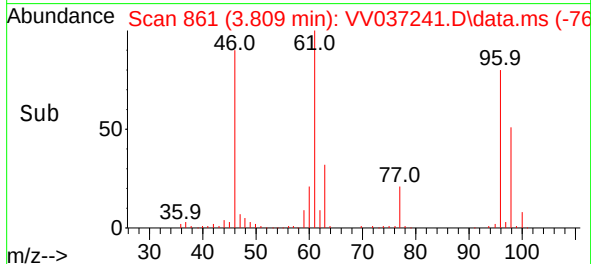


#22
 cis-1,2-Dichloroethene
 Concen: 5.154 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. 0.000 min
 Lab File: VV037241.D
 Acq: 10 Sep 2024 09:55

Instrument :
 MSVOA_V
 ClientSampleId :

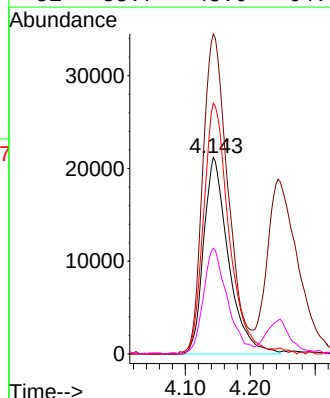
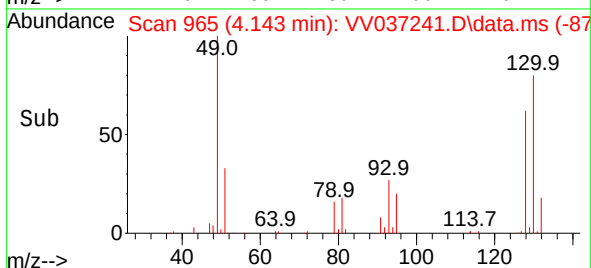
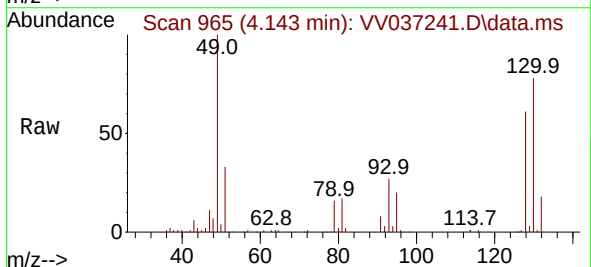


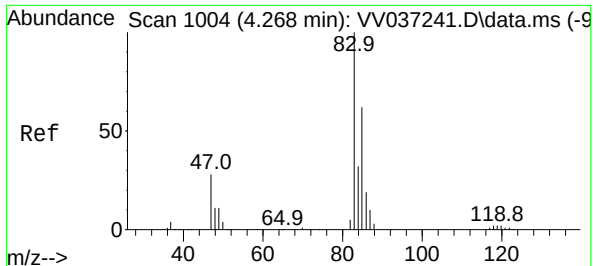
Tgt Ion: 96 Resp: 131577
 Ion Ratio Lower Upper
 96 100
 61 125.1 87.6 162.6
 98 64.2 44.9 83.5



#23
 Bromochloromethane
 Concen: 5.092 ug/L
 RT: 4.143 min Scan# 965
 Delta R.T. 0.000 min
 Lab File: VV037241.D
 Acq: 10 Sep 2024 09:55

Tgt Ion: 128 Resp: 56301
 Ion Ratio Lower Upper
 128 100
 49 162.9 114.0 211.8
 130 127.6 89.3 165.9
 51 53.7 43.0 64.4





#25

Chloroform

Concen: 5.174 ug/L

RT: 4.268 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV037241.D

Acq: 10 Sep 2024 09:55

Instrument :

MSVOA_V

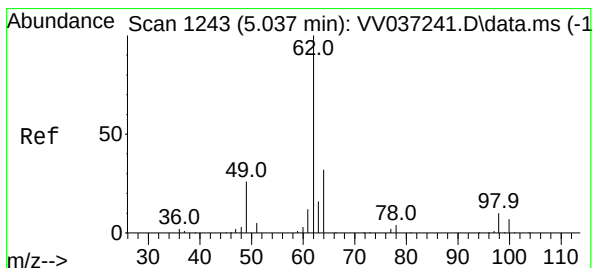
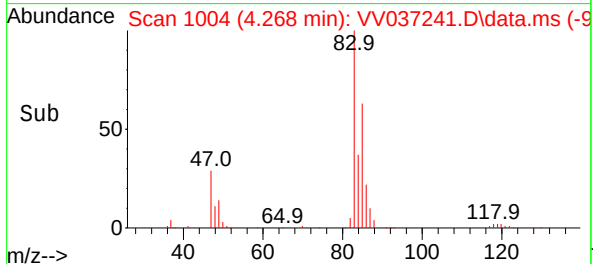
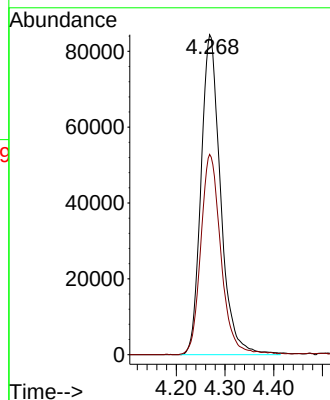
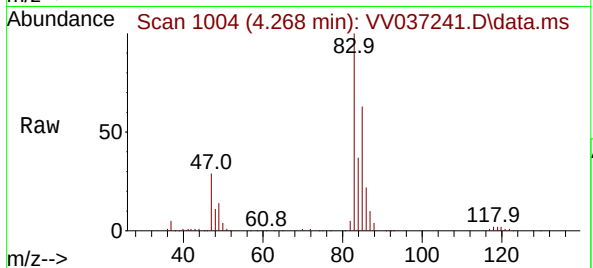
ClientSampleId :

Tgt Ion: 83 Resp: 235032

Ion Ratio Lower Upper

83 100

85 62.6 43.8 81.4



#27

1,2-Dichloroethane

Concen: 5.293 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV037241.D

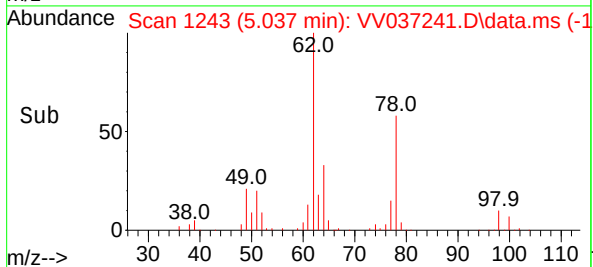
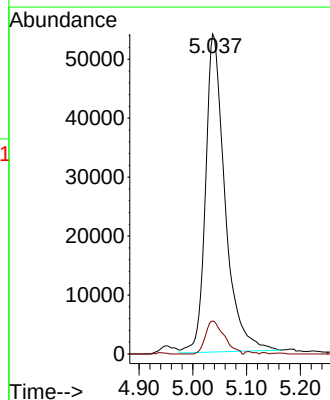
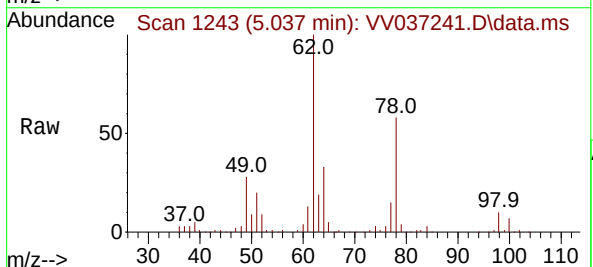
Acq: 10 Sep 2024 09:55

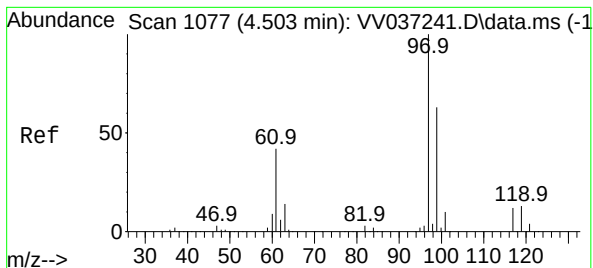
Tgt Ion: 62 Resp: 136055

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 5.295 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV037241.D

Acq: 10 Sep 2024 09:55

Instrument :

MSVOA_V

ClientSampleId :

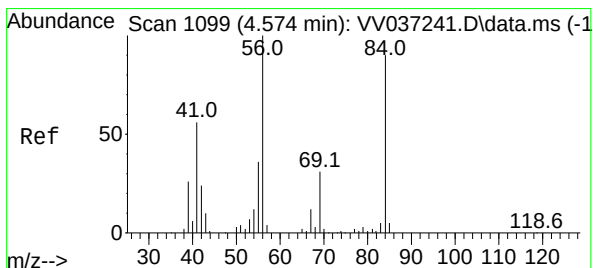
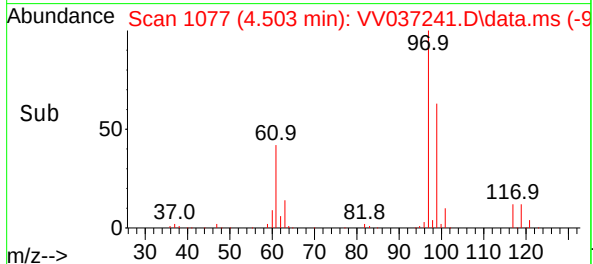
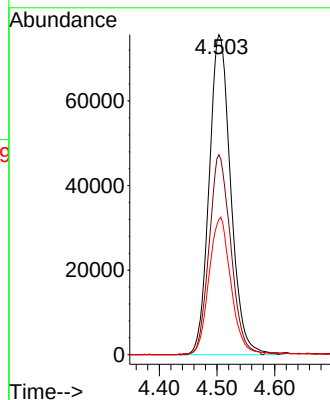
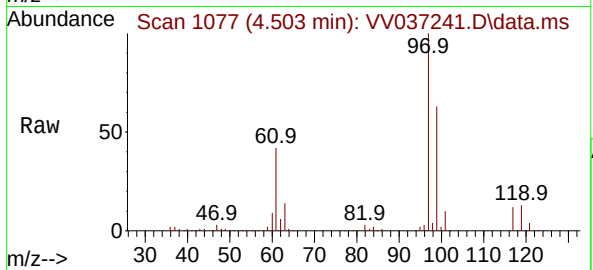
Tgt Ion: 97 Resp: 196420

Ion Ratio Lower Upper

97 100

99 62.5 50.0 75.0

61 42.9 34.3 51.5



#30

Cyclohexane

Concen: 5.176 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VV037241.D

Acq: 10 Sep 2024 09:55

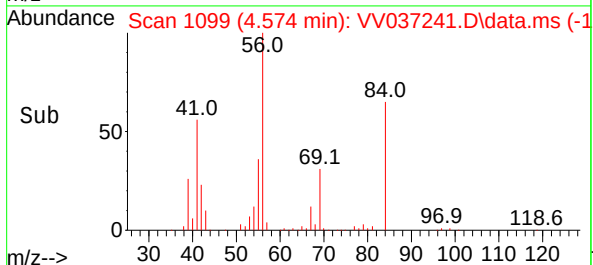
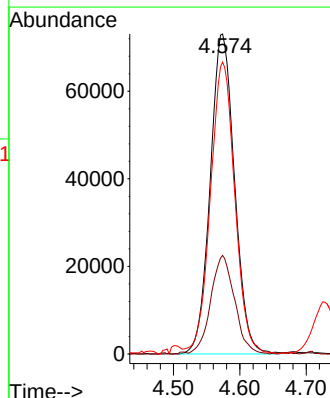
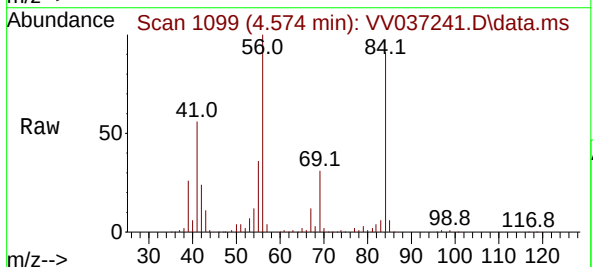
Tgt Ion: 56 Resp: 186295

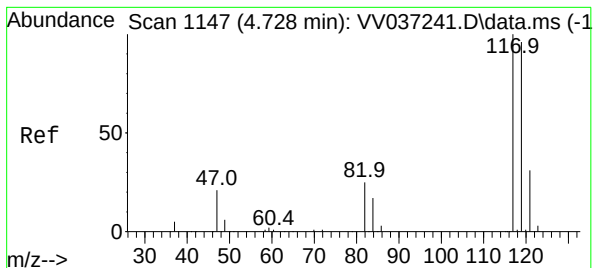
Ion Ratio Lower Upper

56 100

69 30.1 24.1 36.1

84 91.4 73.1 109.7





#31

Carbon tetrachloride

Concen: 5.238 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VV037241.D

Acq: 10 Sep 2024 09:55

Instrument :

MSVOA_V

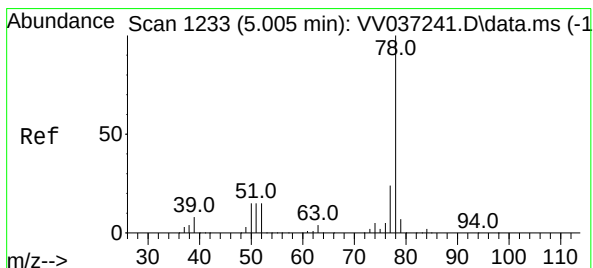
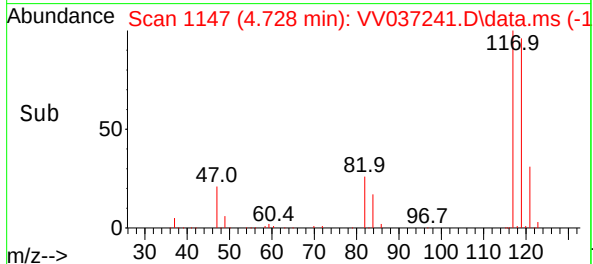
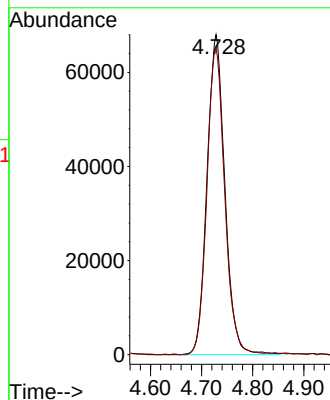
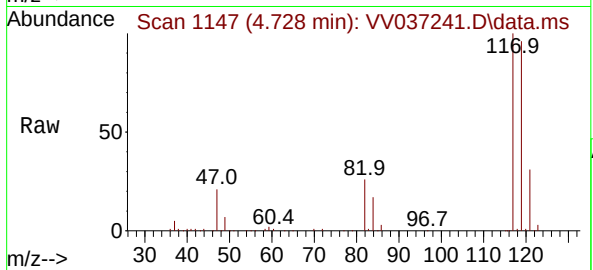
ClientSampleId :

Tgt Ion:117 Resp: 165408

Ion Ratio Lower Upper

117 100

119 95.3 76.2 114.4



#33

Benzene

Concen: 5.284 ug/L

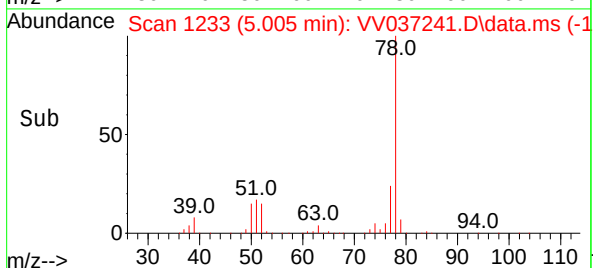
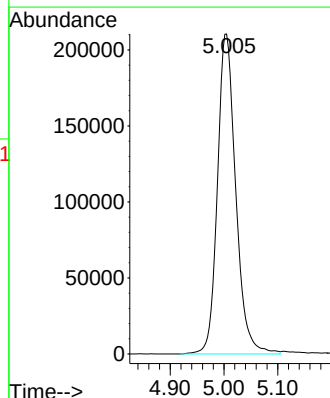
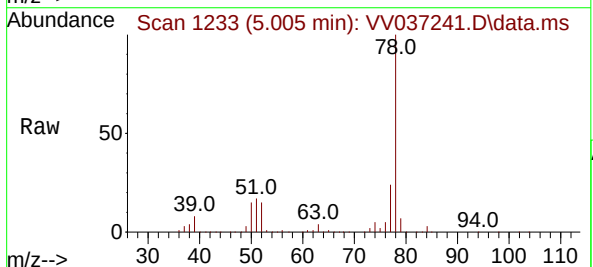
RT: 5.005 min Scan# 1233

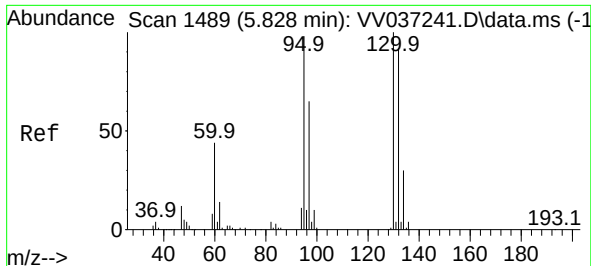
Delta R.T. 0.000 min

Lab File: VV037241.D

Acq: 10 Sep 2024 09:55

Tgt Ion: 78 Resp: 498105





#34

Trichloroethene

Concen: 5.214 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

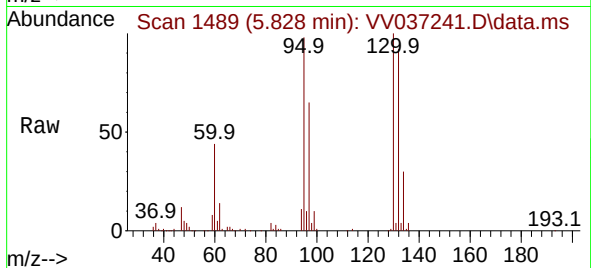
Lab File: VV037241.D

Acq: 10 Sep 2024 09:55

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 132436

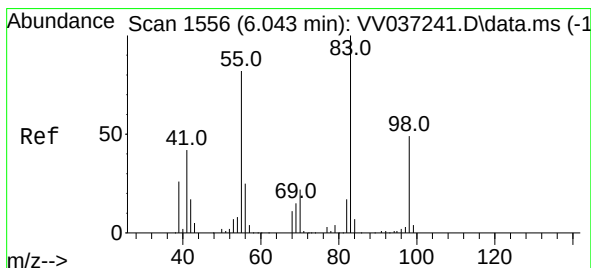
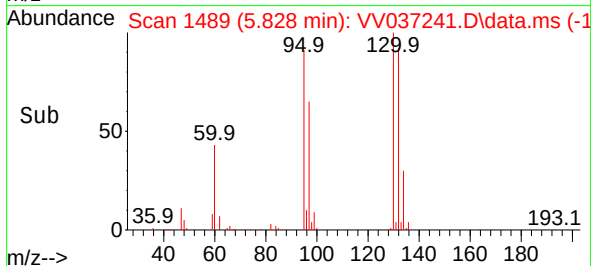
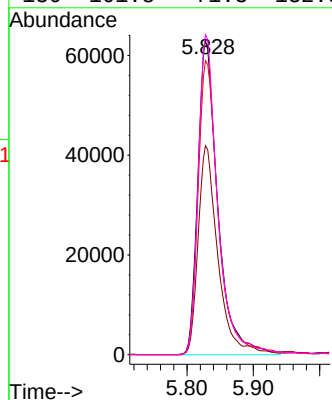
Ion Ratio Lower Upper

95 100

97 66.5 46.5 86.5

132 93.6 65.5 121.7

130 101.8 71.3 132.3



#35

Methylcyclohexane

Concen: 5.241 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV037241.D

Acq: 10 Sep 2024 09:55

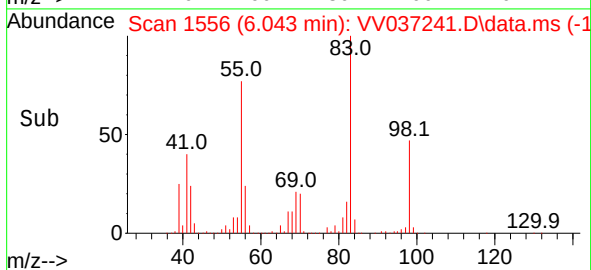
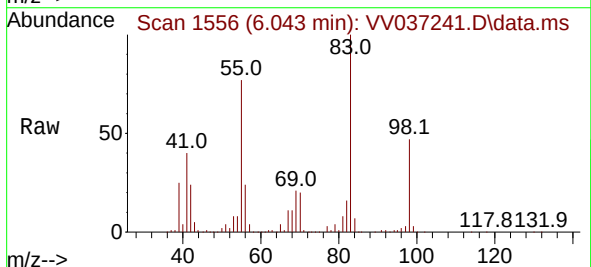
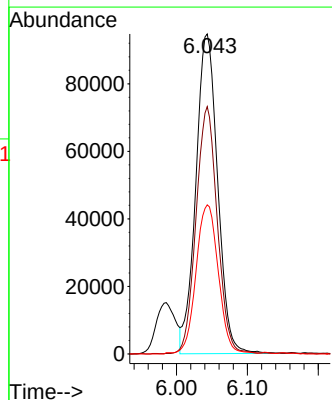
Tgt Ion: 83 Resp: 202385

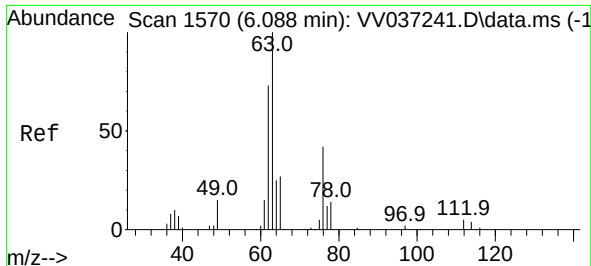
Ion Ratio Lower Upper

83 100

55 75.4 60.3 90.5

98 47.8 38.2 57.4

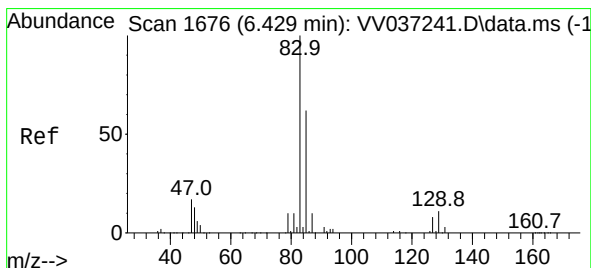
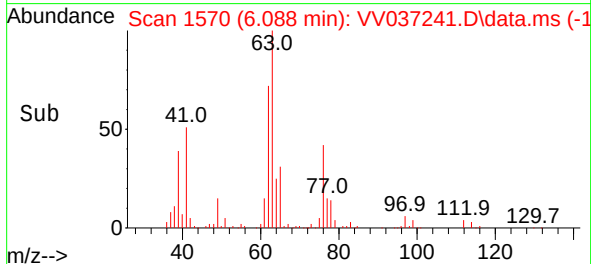
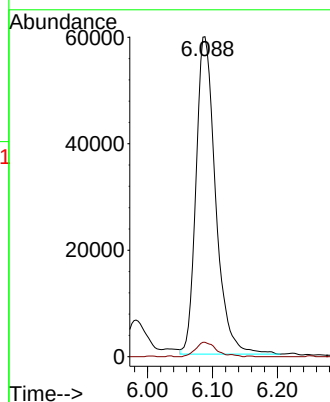
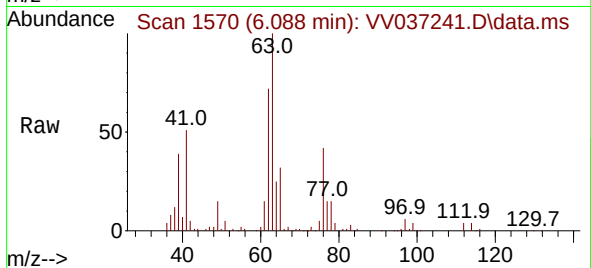




#37
1,2-Dichloropropane
Concen: 5.390 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV037241.D
Acq: 10 Sep 2024 09:55

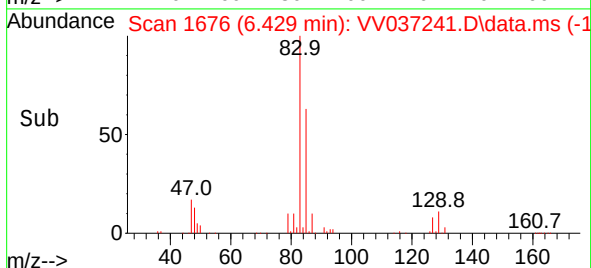
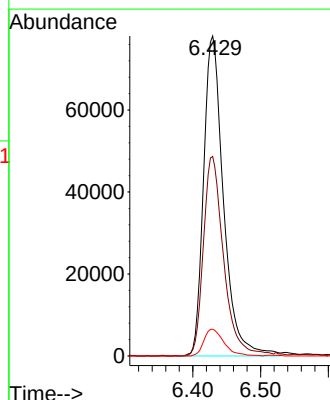
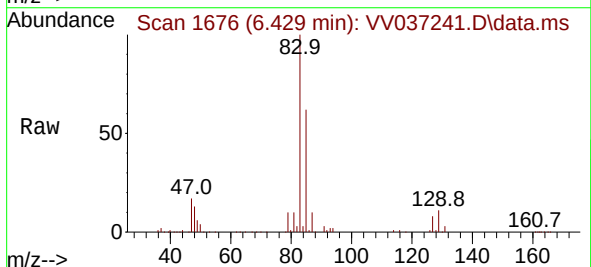
Instrument :
MSVOA_V
ClientSampleId :

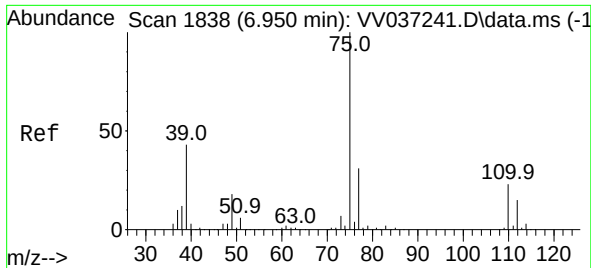
Tgt Ion: 63 Resp: 125174
Ion Ratio Lower Upper
63 100
112 4.6 3.7 5.5



#38
Bromodichloromethane
Concen: 5.317 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV037241.D
Acq: 10 Sep 2024 09:55

Tgt Ion: 83 Resp: 159639
Ion Ratio Lower Upper
83 100
85 62.4 43.7 81.1
127 8.4 6.7 10.1

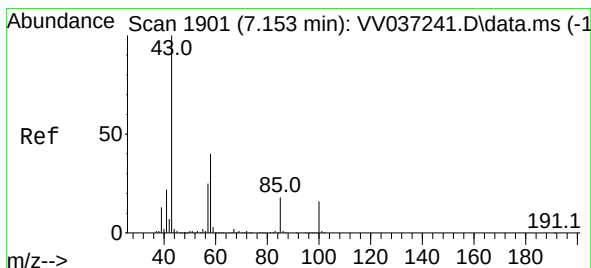
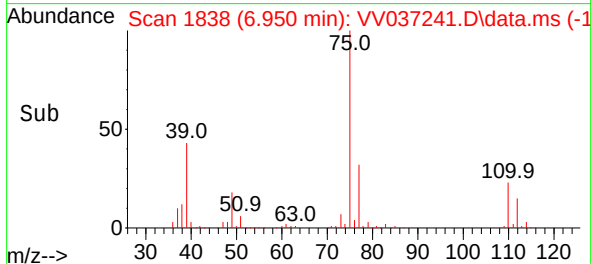
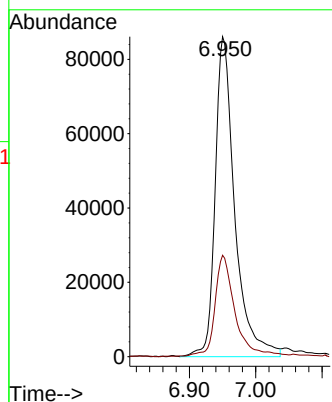
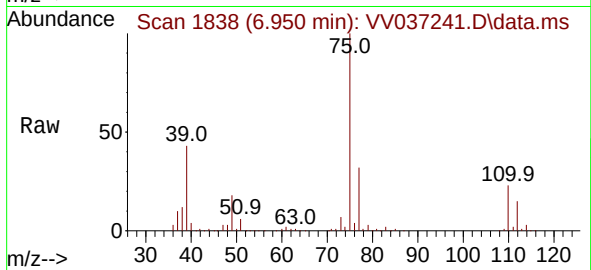




#39
 cis-1,3-Dichloropropene
 Concen: 5.208 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV037241.D
 Acq: 10 Sep 2024 09:55

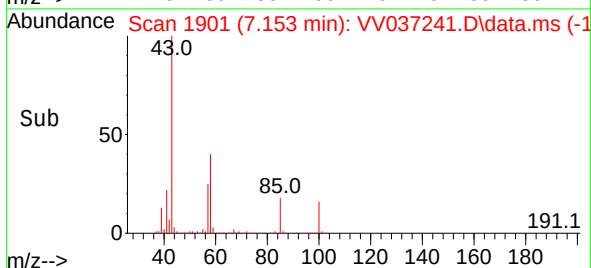
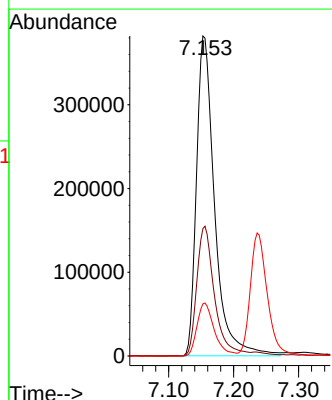
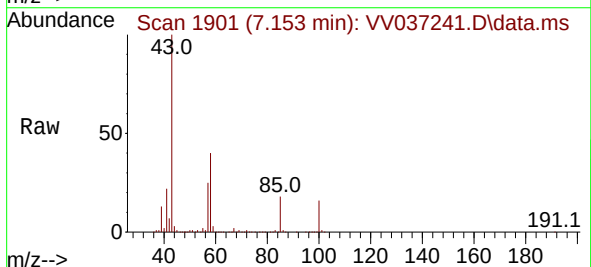
Instrument :
 MSVOA_V
 ClientSampleId :

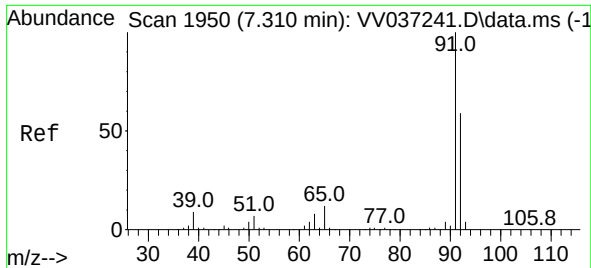
Tgt Ion: 75 Resp: 176864
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 54.555 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VV037241.D
 Acq: 10 Sep 2024 09:55

Tgt Ion: 43 Resp: 743296
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.7 47.5
 100 15.8 12.6 19.0

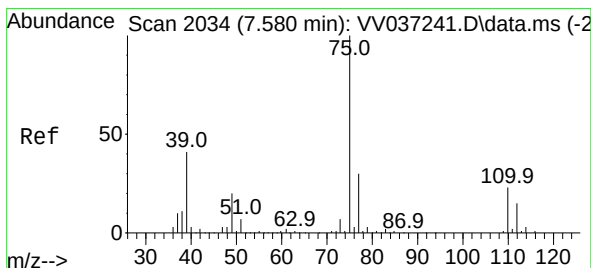
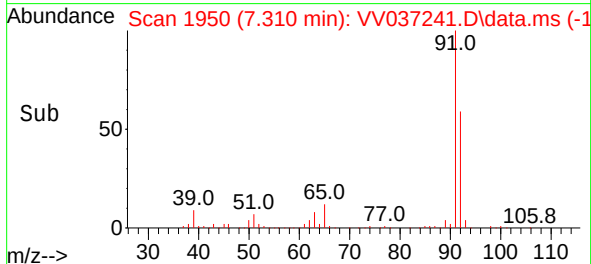
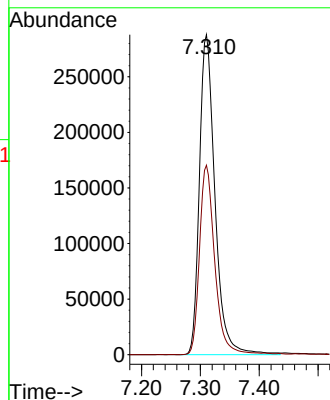
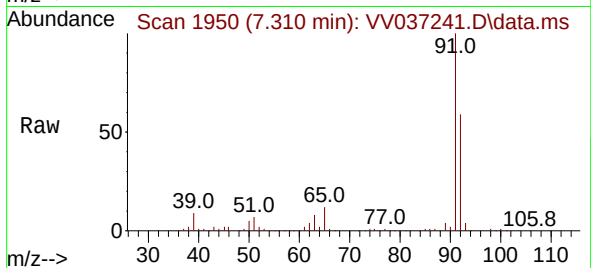




#42
Toluene
Concen: 5.395 ug/L
RT: 7.310 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VV037241.D
Acq: 10 Sep 2024 09:55

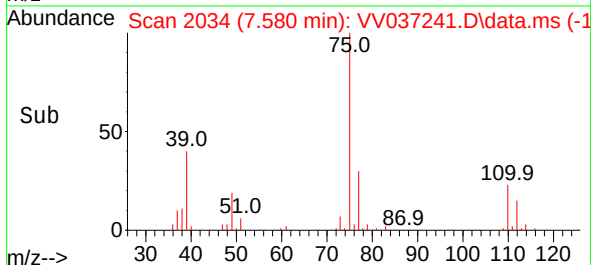
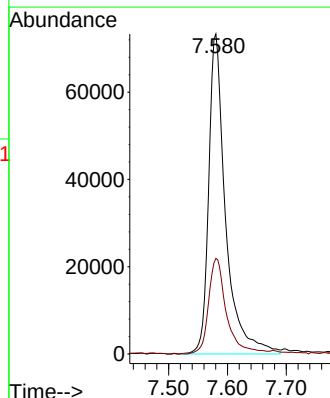
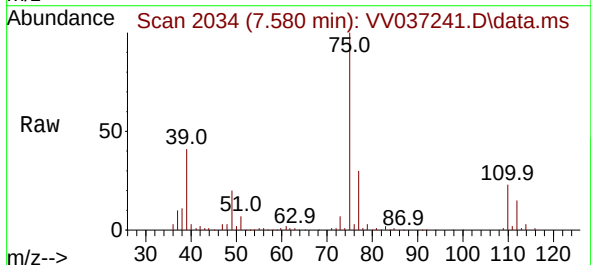
Instrument :
MSVOA_V
ClientSampleId :

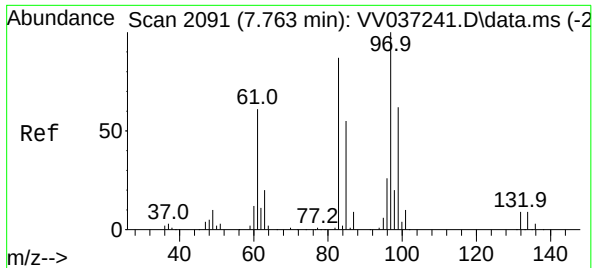
Tgt Ion: 91 Resp: 529037
Ion Ratio Lower Upper
91 100
92 59.2 41.4 77.0



#44
trans-1,3-Dichloropropene
Concen: 5.301 ug/L
RT: 7.580 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VV037241.D
Acq: 10 Sep 2024 09:55

Tgt Ion: 75 Resp: 146634
Ion Ratio Lower Upper
75 100
77 29.9 20.9 38.9

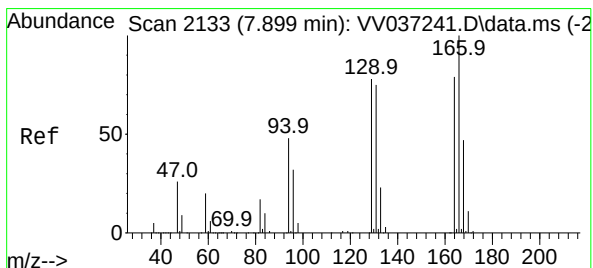
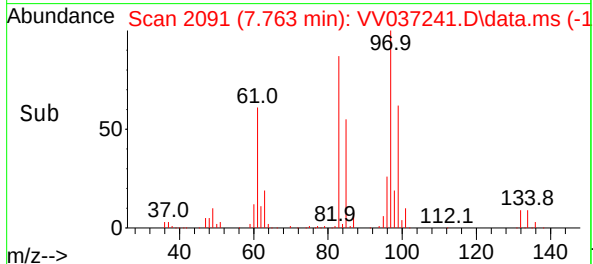
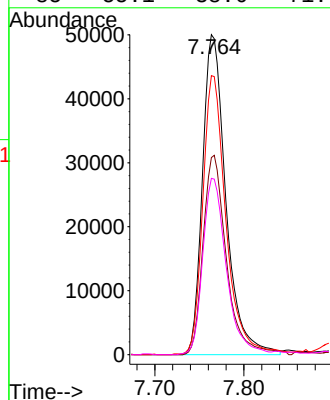
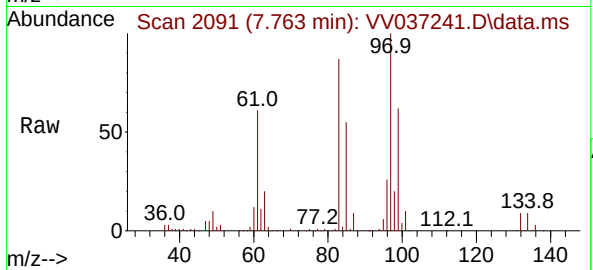




#45
1,1,2-Trichloroethane
Concen: 5.324 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV037241.D
Acq: 10 Sep 2024 09:55

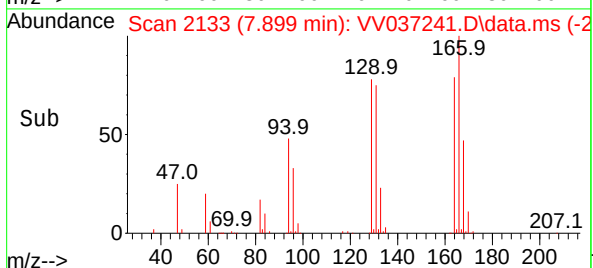
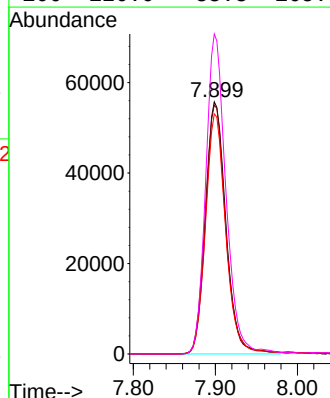
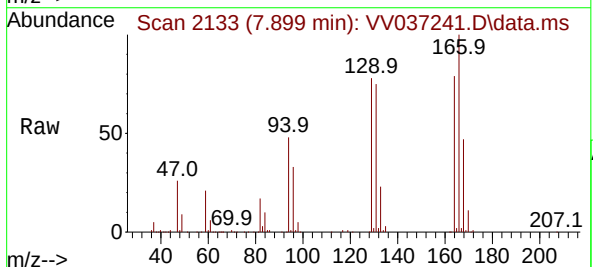
Instrument :
MSVOA_V
ClientSampleId :

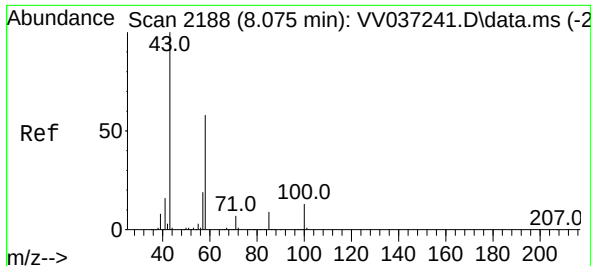
Tgt Ion:	97	Resp:	91385
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.1	80.1
83	87.2	61.0	113.4
85	55.1	38.6	71.6



#47
Tetrachloroethene
Concen: 5.283 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037241.D
Acq: 10 Sep 2024 09:55

Tgt Ion:	164	Resp:	96044
Ion	Ratio	Lower	Upper
164	100		
129	98.8	69.2	128.4
131	95.2	66.6	123.8
166	126.9	88.8	165.0

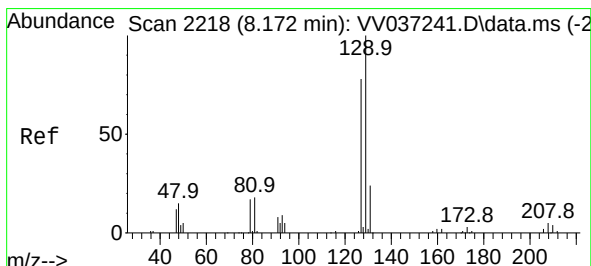
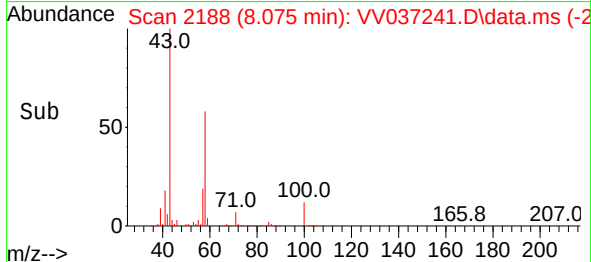
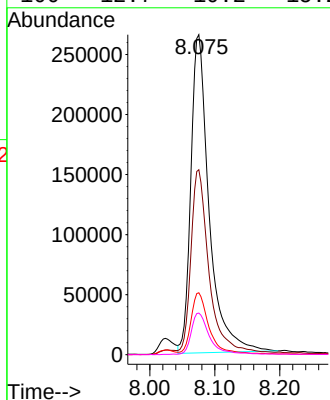
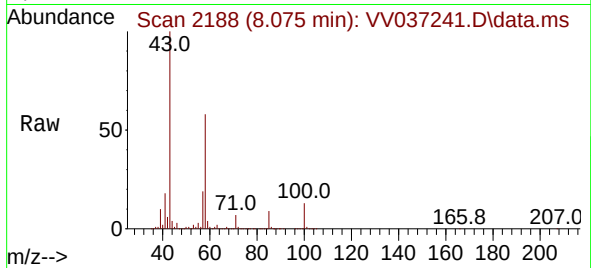




#48
2-Hexanone
Concen: 55.287 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VV037241.D
Acq: 10 Sep 2024 09:55

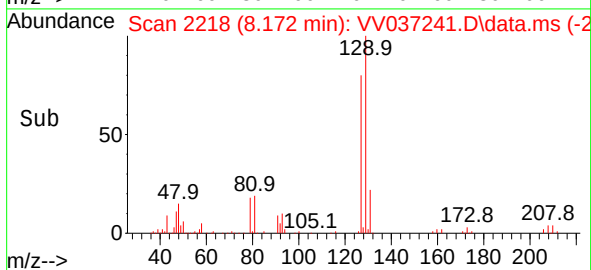
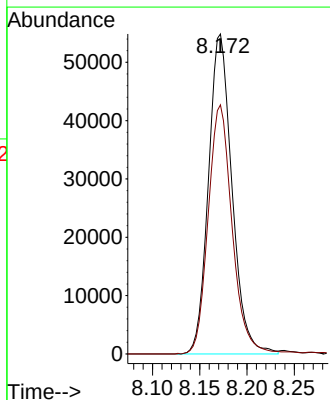
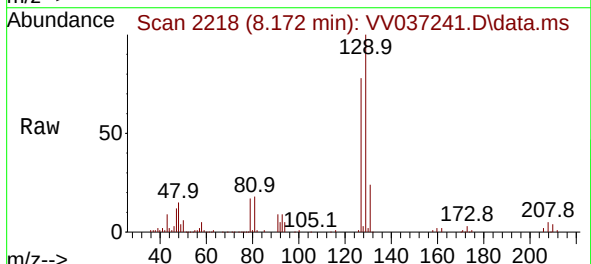
Instrument :
MSVOA_V
ClientSampleId :

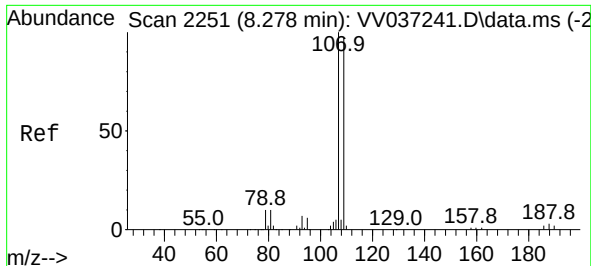
Tgt Ion: 43 Resp: 518943
Ion Ratio Lower Upper
43 100
58 56.9 45.5 68.3
57 19.1 15.3 22.9
100 12.7 10.2 15.2



#49
Dibromochloromethane
Concen: 5.280 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV037241.D
Acq: 10 Sep 2024 09:55

Tgt Ion: 129 Resp: 94962
Ion Ratio Lower Upper
129 100
127 77.8 54.5 101.1

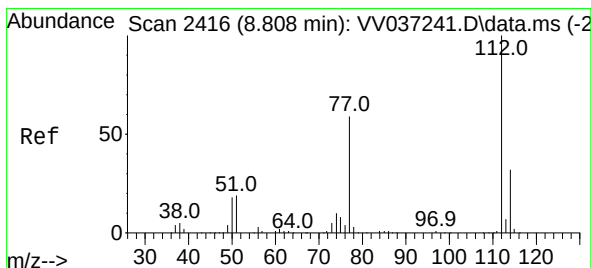
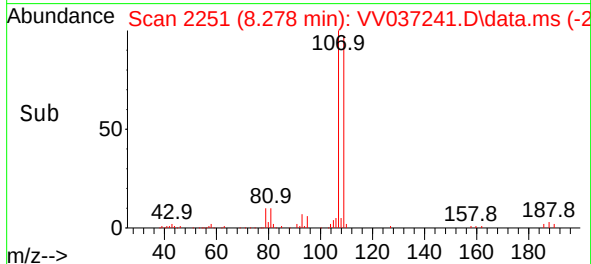
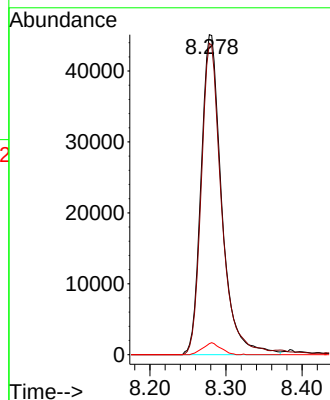
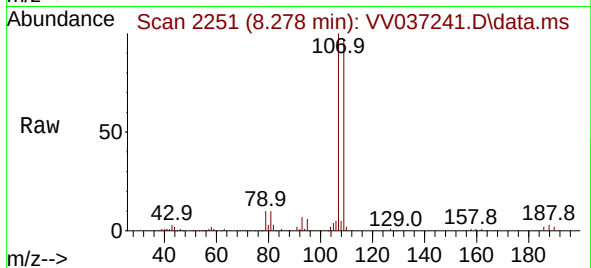




#50
1,2-Dibromoethane
Concen: 5.254 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037241.D
Acq: 10 Sep 2024 09:55

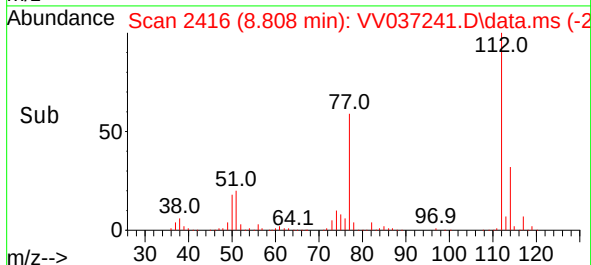
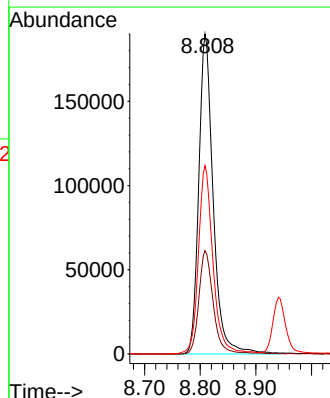
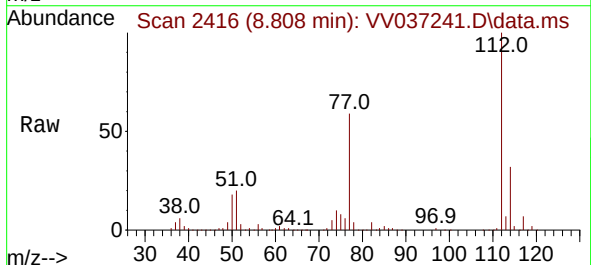
Instrument :
MSVOA_V
ClientSampleId :

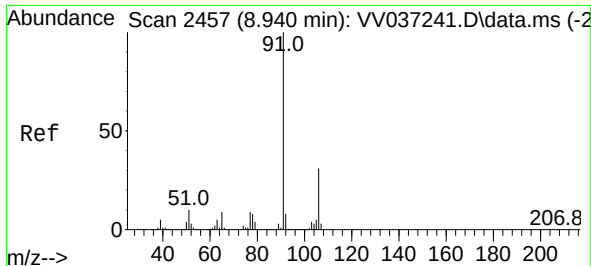
Tgt Ion:107 Resp: 85207
Ion Ratio Lower Upper
107 100
109 97.3 68.1 126.5
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 5.229 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV037241.D
Acq: 10 Sep 2024 09:55

Tgt Ion:112 Resp: 341427
Ion Ratio Lower Upper
112 100
114 32.3 22.6 42.0
77 58.8 47.0 70.6





#52

Ethylbenzene

Concen: 5.298 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV037241.D

Acq: 10 Sep 2024 09:55

Instrument :

MSVOA_V

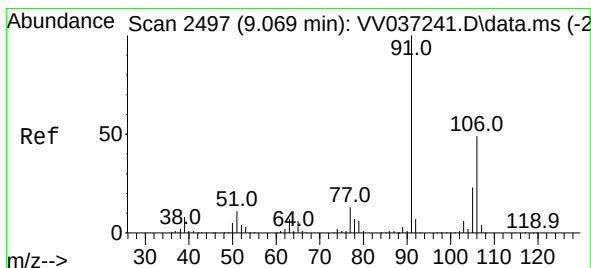
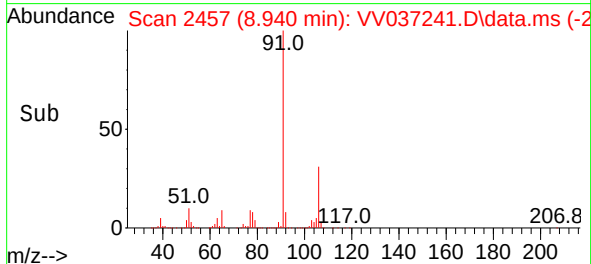
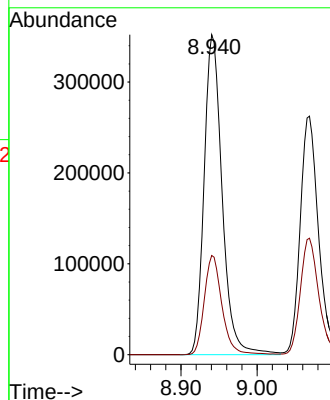
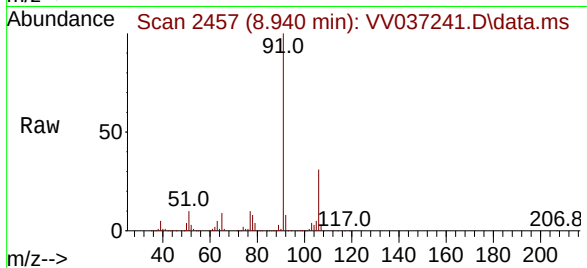
ClientSampleId :

Tgt Ion: 91 Resp: 579807

Ion Ratio Lower Upper

91 100

106 31.0 21.7 40.3



#53

m,p-Xylene

Concen: 5.466 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.000 min

Lab File: VV037241.D

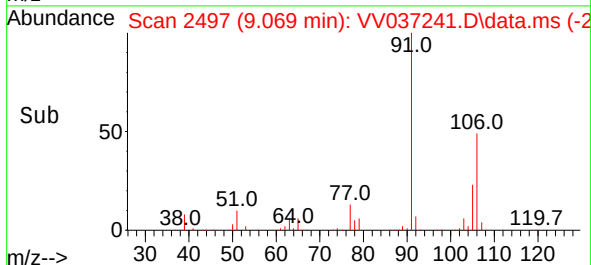
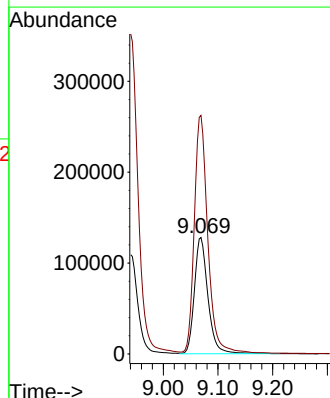
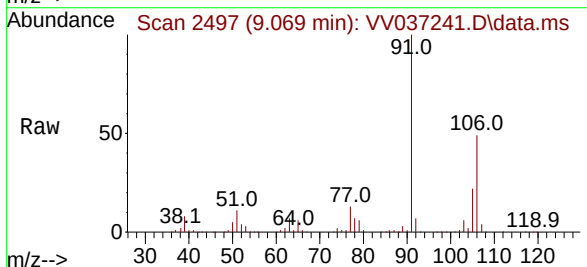
Acq: 10 Sep 2024 09:55

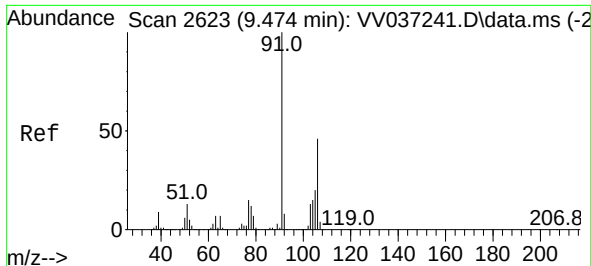
Tgt Ion: 106 Resp: 220107

Ion Ratio Lower Upper

106 100

91 204.7 143.3 266.1





#54

o-Xylene

Concen: 5.296 ug/L

RT: 9.474 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV037241.D

Acq: 10 Sep 2024 09:55

Instrument :

MSVOA_V

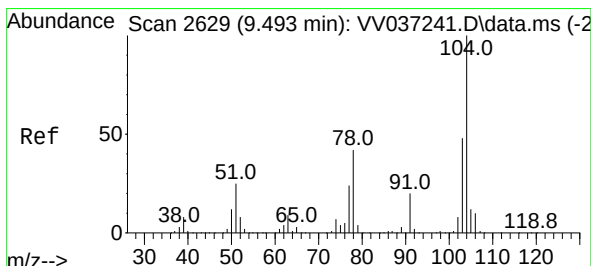
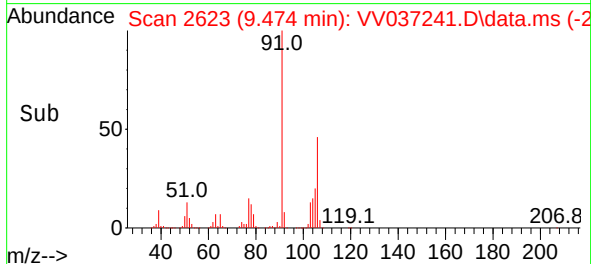
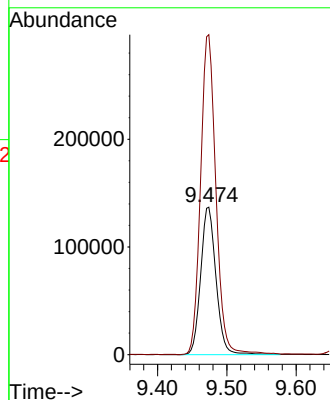
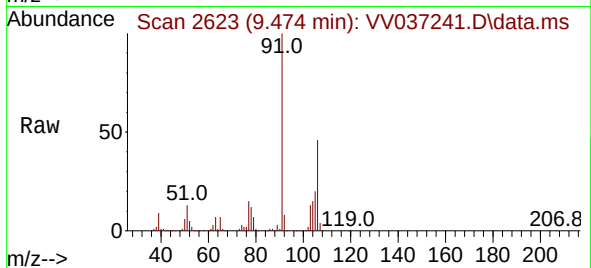
ClientSampleId :

Tgt Ion:106 Resp: 211129

Ion Ratio Lower Upper

106 100

91 216.9 151.8 282.0



#55

Styrene

Concen: 5.486 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. 0.000 min

Lab File: VV037241.D

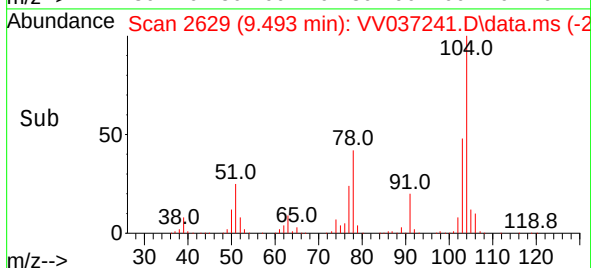
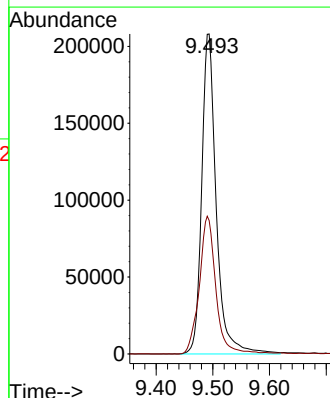
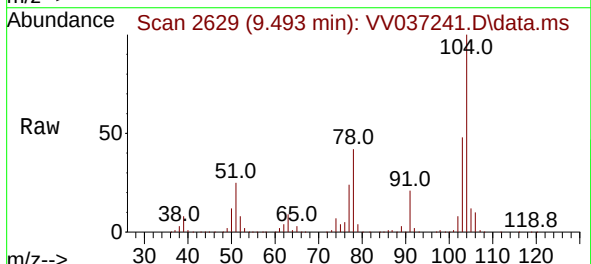
Acq: 10 Sep 2024 09:55

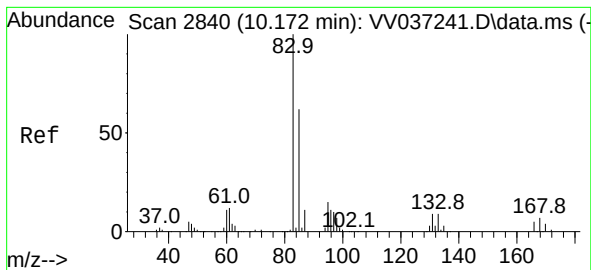
Tgt Ion:104 Resp: 370746

Ion Ratio Lower Upper

104 100

78 41.7 29.2 54.2

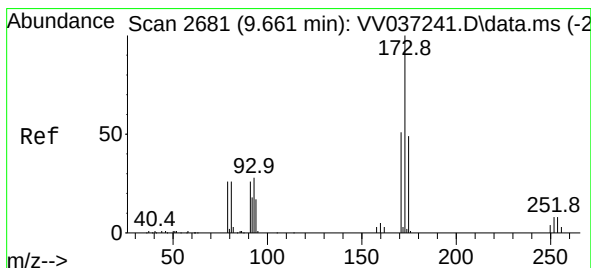
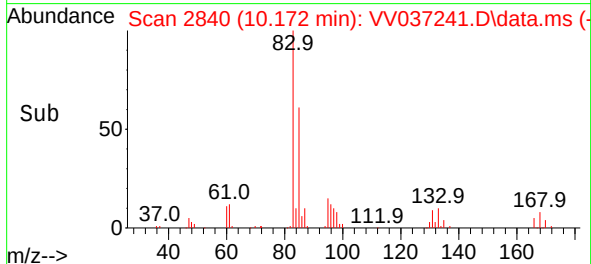
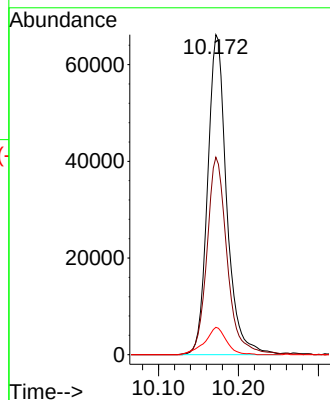
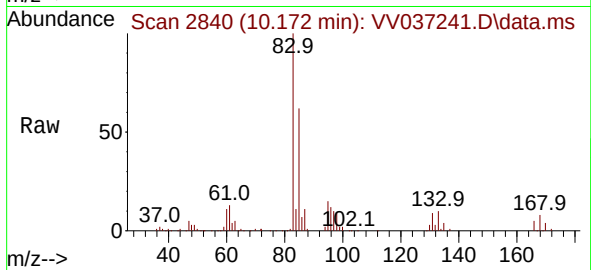




#57
1,1,2,2-Tetrachloroethane
Concen: 5.307 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV037241.D
Acq: 10 Sep 2024 09:55

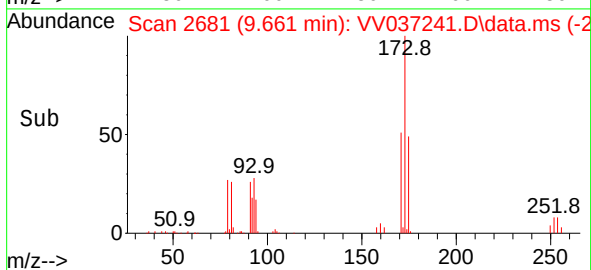
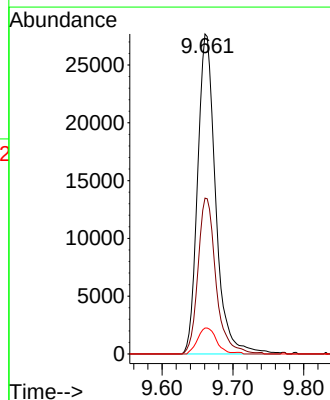
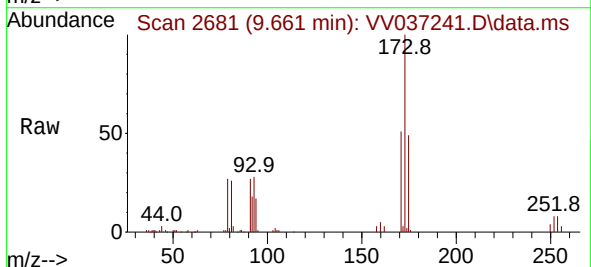
Instrument :
MSVOA_V
ClientSampleId :

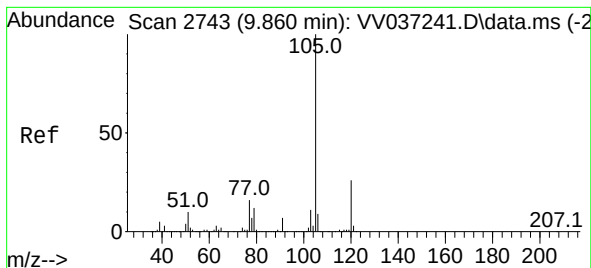
Tgt Ion: 83 Resp: 110049
Ion Ratio Lower Upper
83 100
85 61.7 43.2 80.2
131 8.6 6.9 10.3



#59
Bromoform
Concen: 5.083 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV037241.D
Acq: 10 Sep 2024 09:55

Tgt Ion: 173 Resp: 48851
Ion Ratio Lower Upper
173 100
175 48.4 38.7 58.1
254 8.5 6.8 10.2





#60

Isopropylbenzene

Concen: 5.193 ug/L

RT: 9.860 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VV037241.D

Acq: 10 Sep 2024 09:55

Instrument :

MSVOA_V

ClientSampleId :

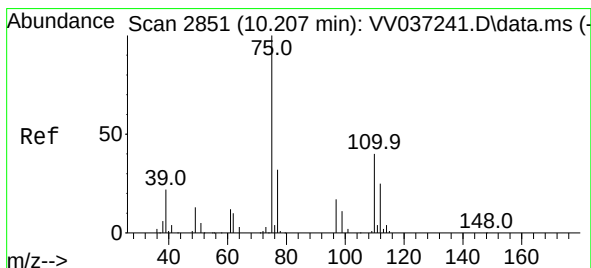
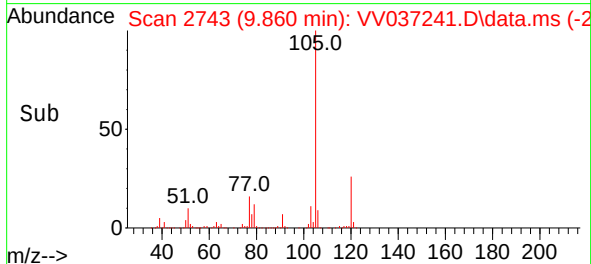
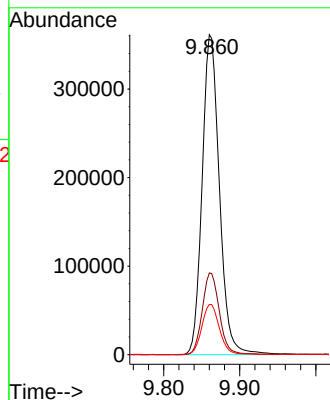
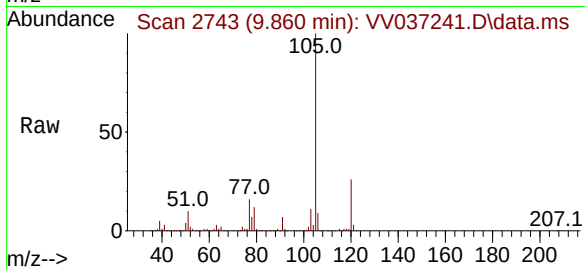
Tgt Ion:105 Resp: 571000

Ion Ratio Lower Upper

105 100

120 25.3 20.2 30.4

77 15.9 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 5.095 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. 0.000 min

Lab File: VV037241.D

Acq: 10 Sep 2024 09:55

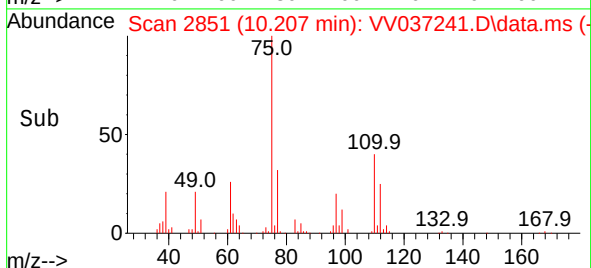
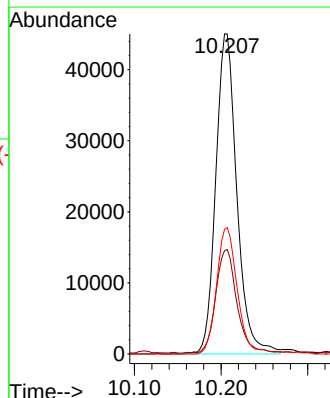
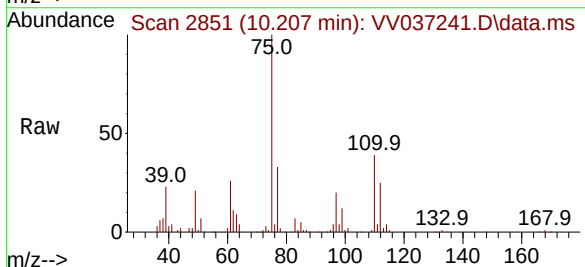
Tgt Ion: 75 Resp: 76162

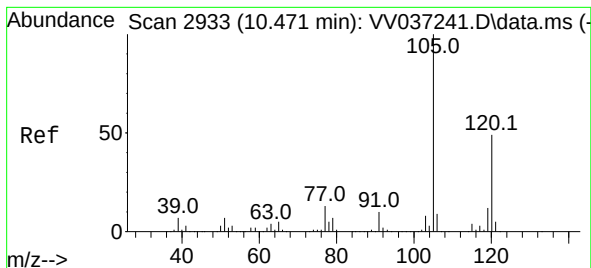
Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

110 38.7 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 5.228 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV037241.D

Acq: 10 Sep 2024 09:55

Instrument :

MSVOA_V

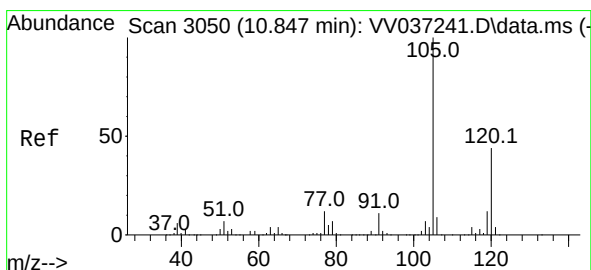
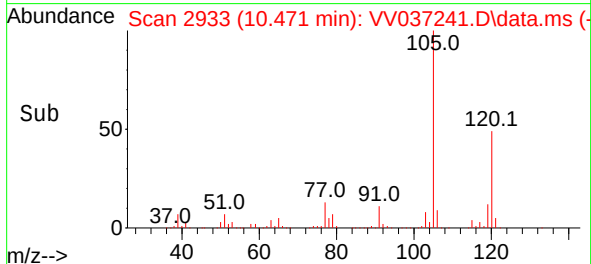
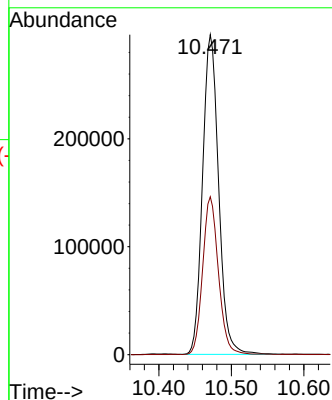
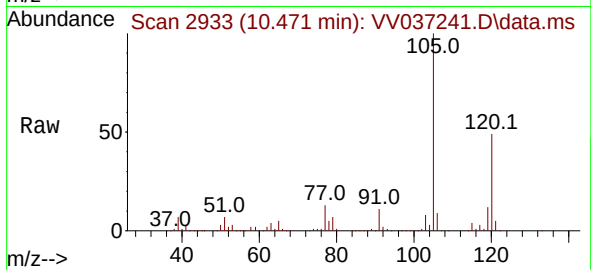
ClientSampleId :

Tgt Ion:105 Resp: 455866

Ion Ratio Lower Upper

105 100

120 48.2 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 5.233 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV037241.D

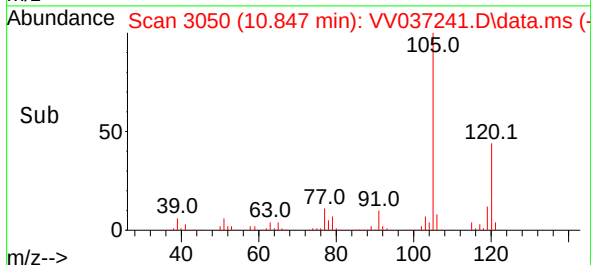
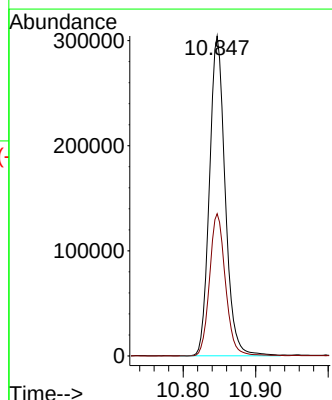
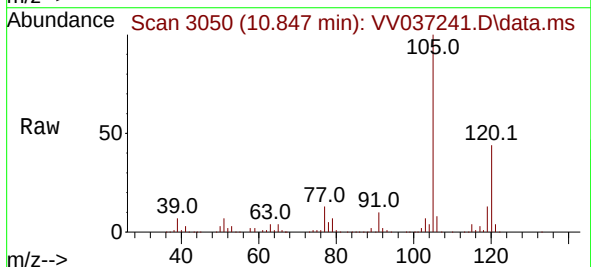
Acq: 10 Sep 2024 09:55

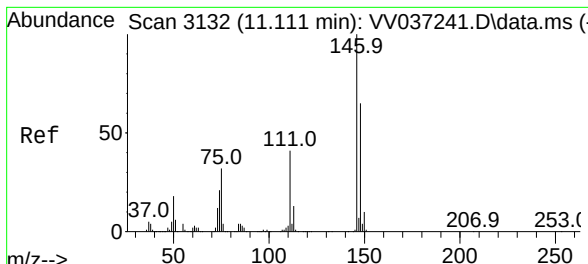
Tgt Ion:105 Resp: 458333

Ion Ratio Lower Upper

105 100

120 45.2 36.2 54.2



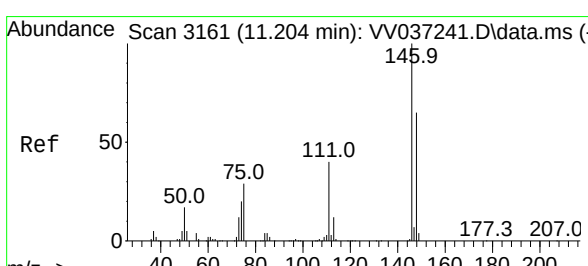
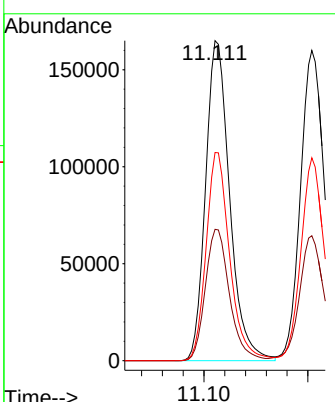
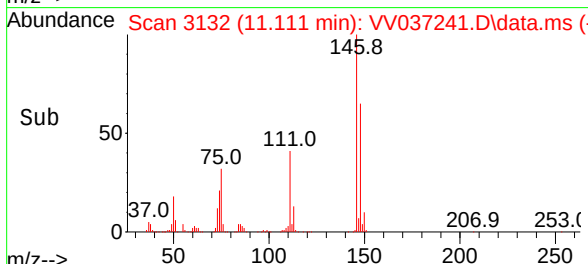
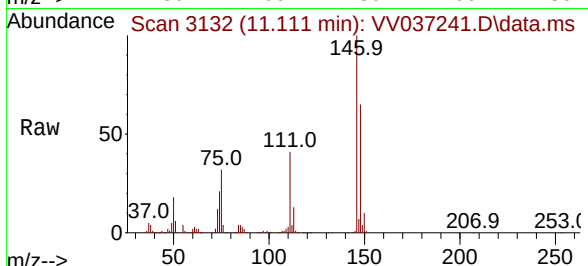


#64
 1,3-Dichlorobenzene
 Concen: 5.108 ug/L
 RT: 11.111 min Scan# 3132
 Delta R.T. 0.000 min
 Lab File: VV037241.D
 Acq: 10 Sep 2024 09:55

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:146 Resp: 265507

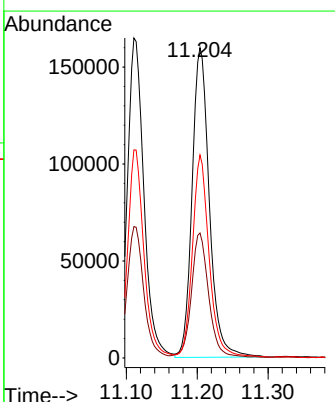
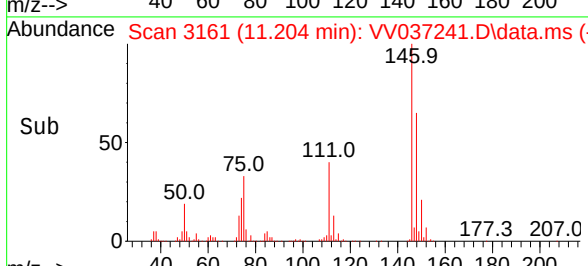
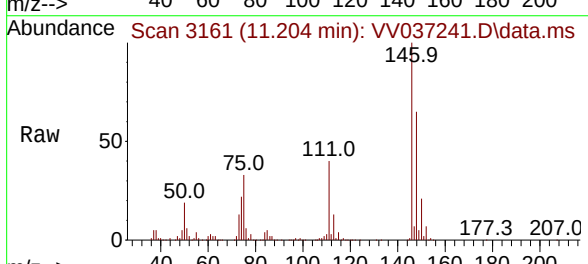
Ion	Ratio	Lower	Upper
146	100		
111	41.1	28.8	53.4
148	65.1	45.6	84.6

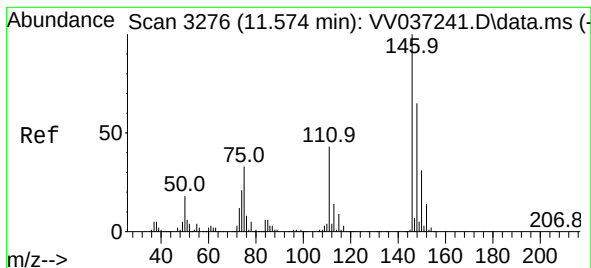


#65
 1,4-Dichlorobenzene
 Concen: 5.060 ug/L
 RT: 11.204 min Scan# 3161
 Delta R.T. 0.000 min
 Lab File: VV037241.D
 Acq: 10 Sep 2024 09:55

Tgt Ion:146 Resp: 269708

Ion	Ratio	Lower	Upper
146	100		
111	40.3	28.2	52.4
148	65.4	45.8	85.0





#67

1,2-Dichlorobenzene

Concen: 5.024 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV037241.D

Acq: 10 Sep 2024 09:55

Instrument :

MSVOA_V

ClientSampleId :

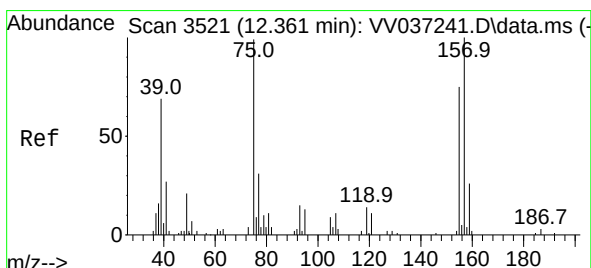
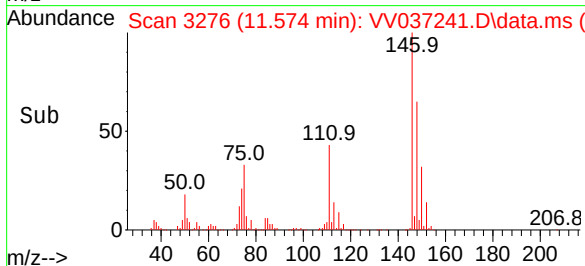
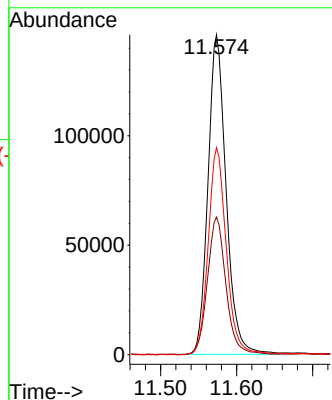
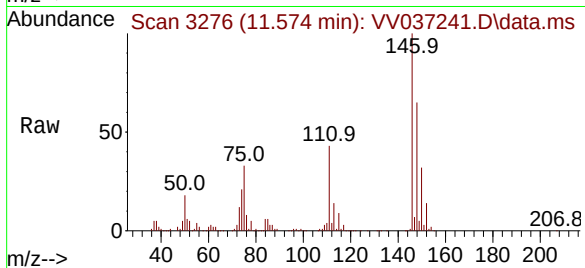
Tgt Ion:146 Resp: 242088

Ion Ratio Lower Upper

146 100

111 43.0 34.4 51.6

148 64.7 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.174 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV037241.D

Acq: 10 Sep 2024 09:55

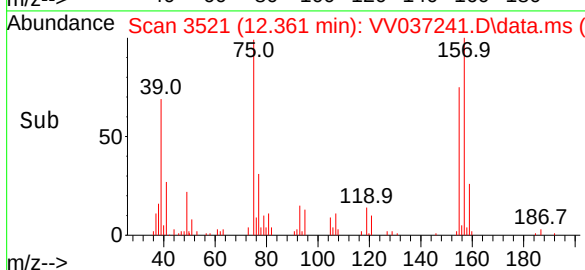
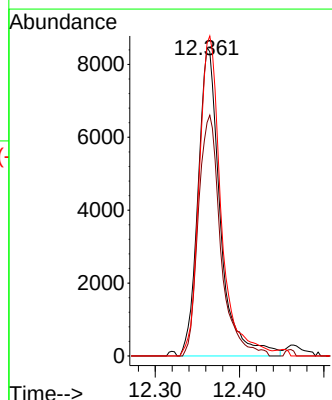
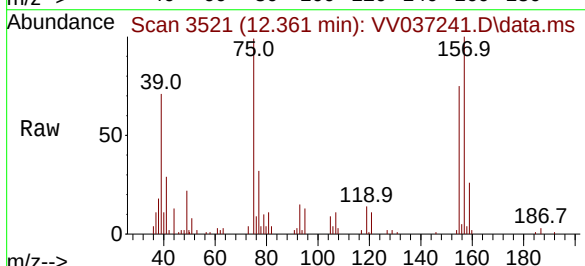
Tgt Ion: 75 Resp: 15445

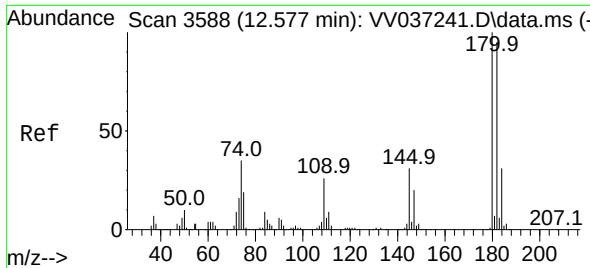
Ion Ratio Lower Upper

75 100

155 75.7 60.6 90.8

157 101.4 81.1 121.7





#69

1,3,5-Trichlorobenzene

Concen: 4.985 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

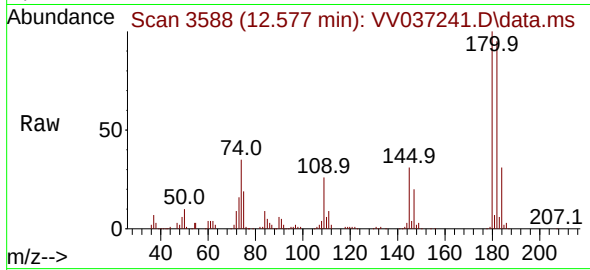
Lab File: VV037241.D

Acq: 10 Sep 2024 09:55

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 184806

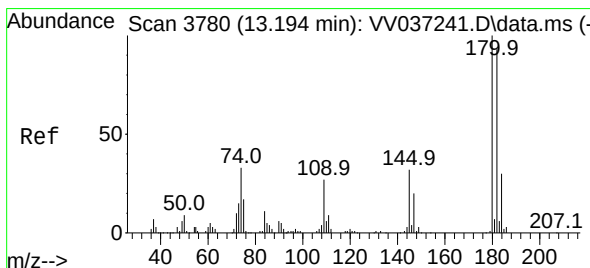
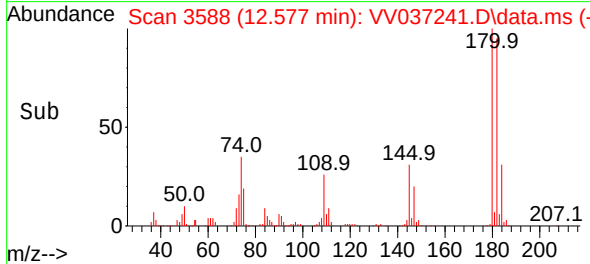
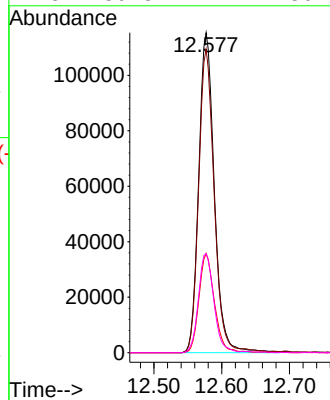
Ion Ratio Lower Upper

180 100

182 92.9 74.3 111.5

184 30.4 24.3 36.5

145 30.5 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 4.985 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV037241.D

Acq: 10 Sep 2024 09:55

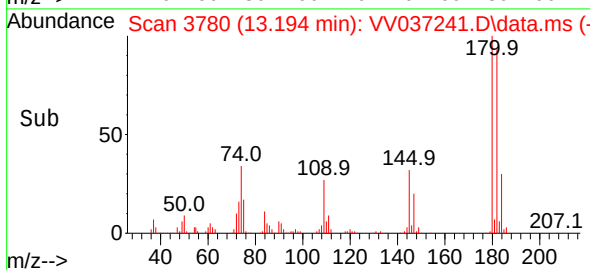
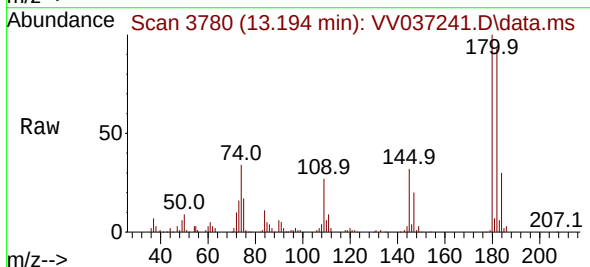
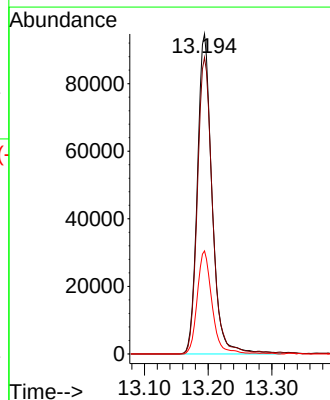
Tgt Ion:180 Resp: 152116

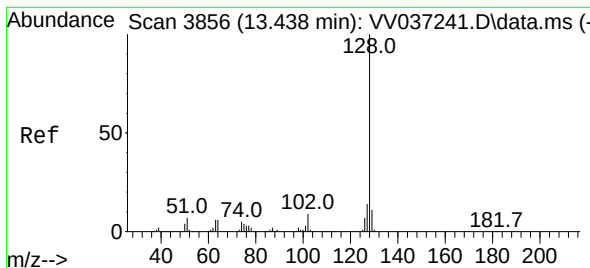
Ion Ratio Lower Upper

180 100

182 94.2 75.4 113.0

145 32.2 25.8 38.6





#71

Naphthalene

Concen: 4.590 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV037241.D

Acq: 10 Sep 2024 09:55

Instrument :

MSVOA_V

ClientSampleId :

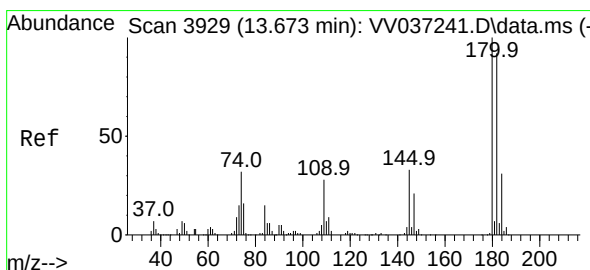
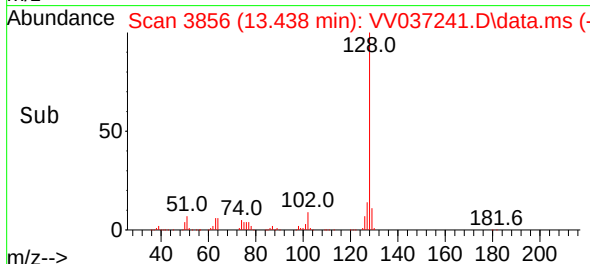
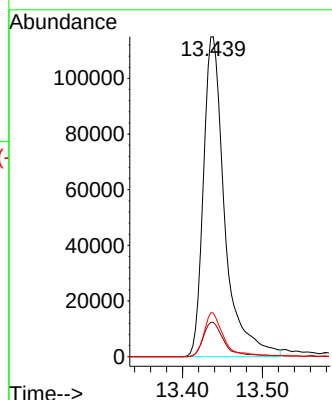
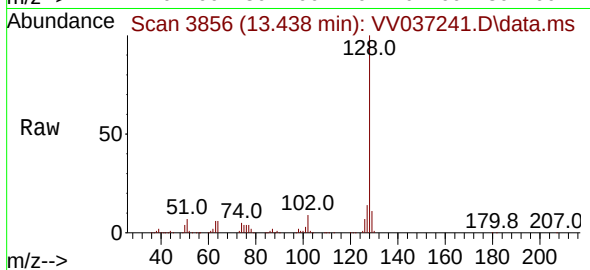
Tgt Ion:128 Resp: 214059

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 12.7 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 5.073 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037241.D

Acq: 10 Sep 2024 09:55

Tgt Ion:180 Resp: 128093

Ion Ratio Lower Upper

180 100

182 91.7 73.4 110.0

145 34.0 27.2 40.8

