

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091024\
 Data File : VV037239IC.D
 Acq On : 10 Sep 2024 08:43
 Operator : SY/MD
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 11 04:35:29 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	5.526	114	435556	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	441916	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	210823	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	11785	0.461	ug/L	0.00
7) Chloroethane-d5	1.529	69	11669	0.438	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	6489	0.492	ug/L	0.00
20) 2-Butanone-d5	3.892	46	6234	0.899	ug/L	0.07
24) Chloroform-d	4.246	84	26627	0.429	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.957	65	11999	0.413	ug/L	0.02
32) Benzene-d6	4.960	84	48530	0.410	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	18531	0.482	ug/L	0.00
41) Toluene-d8	7.246	98	42565	0.399	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.567	79	4611	0.380	ug/L	0.01
46) 2-Hexanone-d5	8.047	63	16228	2.853	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.149	84	12430	0.414	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	16325	0.436	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	22922	0.567	ug/L	98
3) Chloromethane	1.214	50	23228	0.538	ug/L	98
5) Vinyl chloride	1.278	62	23148	0.546	ug/L	98
6) Bromomethane	1.484	94	14333	0.563	ug/L	96
8) Chloroethane	1.545	64	14177	0.556	ug/L	99
9) Trichlorofluoromethane	1.709	101	29102	0.551	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	17533	0.549	ug/L	98
12) 1,1-Dichloroethene	2.063	96	16279	0.533	ug/L	82
13) Acetone	2.166	43	10987	2.160	ug/L	95
14) Carbon disulfide	2.233	76	53150	0.552	ug/L	100
15) Methyl Acetate	2.397	43	3753	0.313	ug/L #	89
16) Methylene chloride	2.442	84	20200	0.576	ug/L	94
17) Methyl tert-butyl Ether	2.703	73	37119	0.512	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	18486	0.576	ug/L	93
19) 1,1-Dichloroethane	3.108	63	32609	0.532	ug/L	97
21) 2-Butanone	3.957	43	8172	1.090	ug/L	88
22) cis-1,2-Dichloroethene	3.822	96	18250	0.526	ug/L	97
23) Bromochloromethane	4.156	128	7646	0.509	ug/L	87
25) Chloroform	4.272	83	33683	0.545	ug/L	96
27) 1,2-Dichloroethane	5.053	62	15039	0.430	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	26328	0.502	ug/L	96
30) Cyclohexane	4.571	56	24656	0.485	ug/L	99
31) Carbon tetrachloride	4.728	117	23028	0.516	ug/L	98
33) Benzene	5.008	78	69485	0.522	ug/L	100
34) Trichloroethene	5.834	95	17930	0.500	ug/L	97
35) Methylcyclohexane	6.040	83	27629	0.507	ug/L	99
37) 1,2-Dichloropropane	6.095	63	16554	0.505	ug/L #	94
38) Bromodichloromethane	6.433	83	22402	0.528	ug/L	95
39) cis-1,3-Dichloropropene	6.960	75	21161	0.441	ug/L	96
40) 4-Methyl-2-pentanone	7.166	43	90931	4.725	ug/L	97
42) Toluene	7.314	91	69957	0.505	ug/L	96
44) trans-1,3-Dichloropropene	7.593	75	17190	0.440	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091024\
 Data File : VV037239IC.D
 Acq On : 10 Sep 2024 08:43
 Operator : SY/MD
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

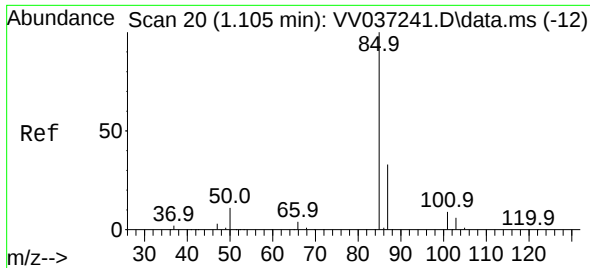
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 11 04:35:29 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	7.777	97	12903	0.532	ug/L	94
47) Tetrachloroethene	7.902	164	13584	0.529	ug/L	96
48) 2-Hexanone	8.092	43	51382	3.875	ug/L	98
49) Dibromochloromethane	8.172	129	13171	0.518	ug/L	95
50) 1,2-Dibromoethane	8.285	107	12321	0.538	ug/L	96
51) Chlorobenzene	8.812	112	48315	0.524	ug/L	98
52) Ethylbenzene	8.944	91	76797	0.497	ug/L	99
53) m,p-Xylene	9.072	106	25907	0.456	ug/L	96
54) o-Xylene	9.474	106	26873	0.477	ug/L	96
55) Styrene	9.500	104	42941	0.450	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.175	83	15038	0.513	ug/L	97
59) Bromoform	9.667	173	6888	0.558	ug/L	95
60) Isopropylbenzene	9.863	105	72455	0.513	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	11237	0.586	ug/L #	86
62) 1,3,5-Trimethylbenzene	10.471	105	54269	0.485	ug/L	97
63) 1,2,4-Trimethylbenzene	10.850	105	53385	0.475	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	35995	0.540	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	38642	0.565	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	33314	0.539	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	1605	0.419	ug/L #	85
69) 1,3,5-Trichlorobenzene	12.580	180	24666	0.519	ug/L	100
70) 1,2,4-trichlorobenzene	13.198	180	18433	0.471	ug/L	99
71) Naphthalene	13.448	128	24645	0.412	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	14728	0.455	ug/L	98

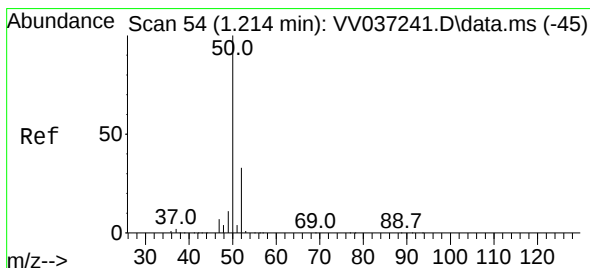
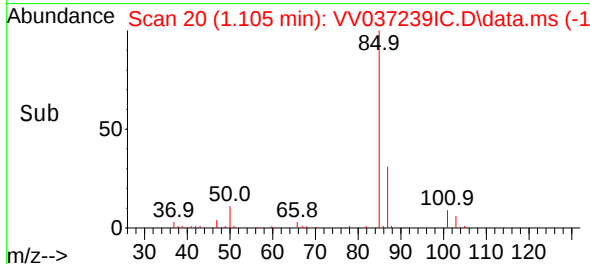
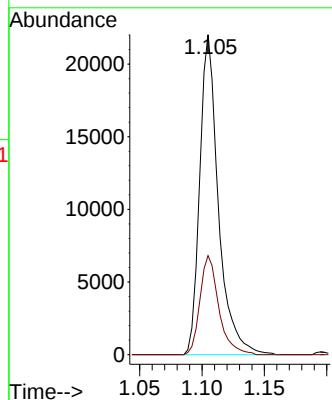
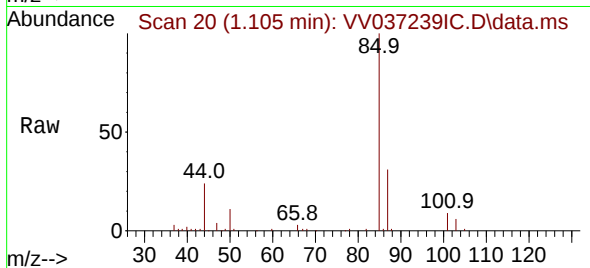
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.567 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV037239IC.D
 Acq: 10 Sep 2024 08:43

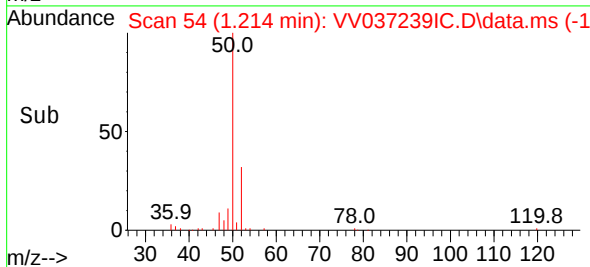
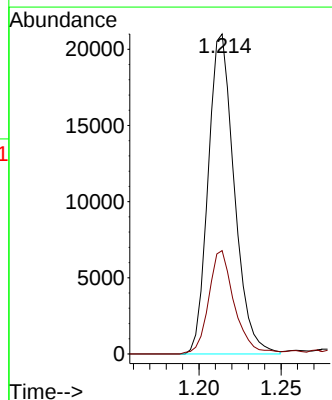
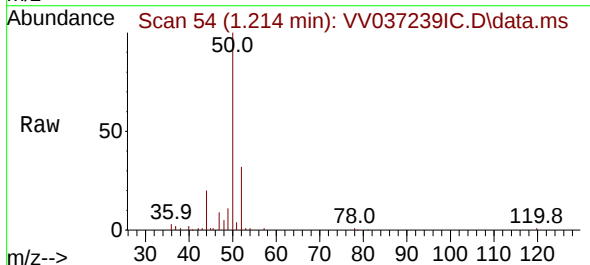
Instrument :
 MSVOA_V
 ClientSampleId :

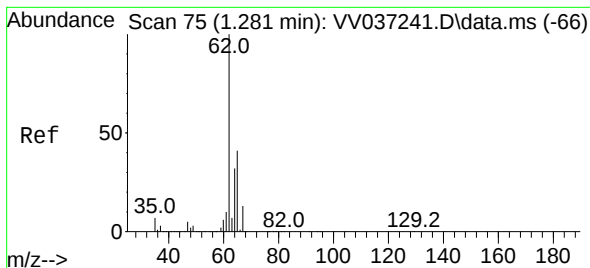
Tgt Ion: 85 Resp: 22922
 Ion Ratio Lower Upper
 85 100
 87 31.2 25.8 38.8



#3
 Chloromethane
 Concen: 0.538 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV037239IC.D
 Acq: 10 Sep 2024 08:43

Tgt Ion: 50 Resp: 23228
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.3 43.3





#5

Vinyl chloride

Concen: 0.546 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

Instrument :

MSVOA_V

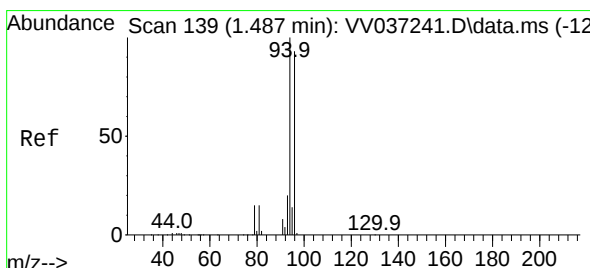
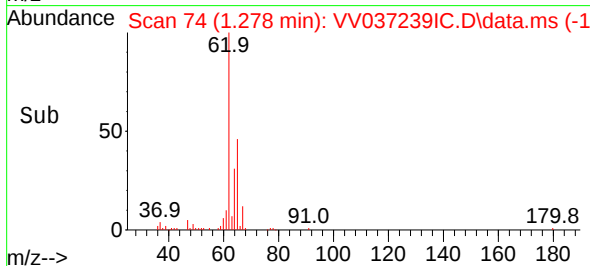
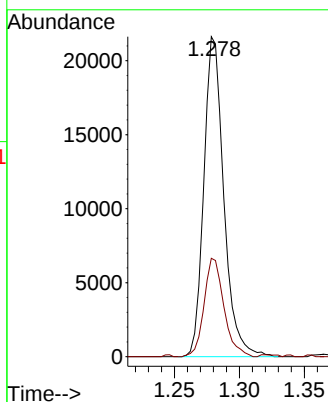
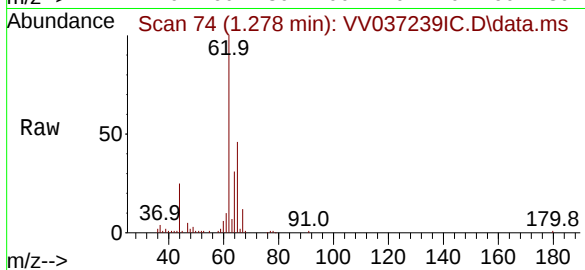
ClientSampleId :

Tgt Ion: 62 Resp: 23148

Ion Ratio Lower Upper

62 100

64 30.7 22.4 41.6



#6

Bromomethane

Concen: 0.563 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.003 min

Lab File: VV037239IC.D

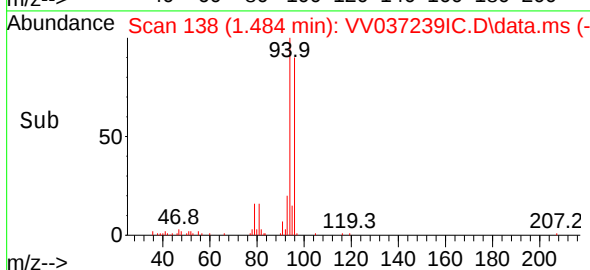
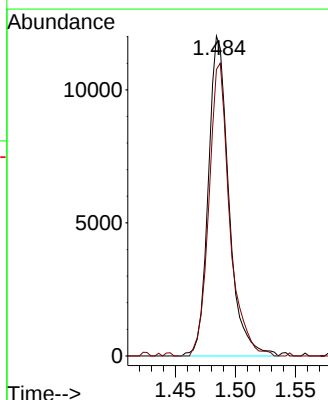
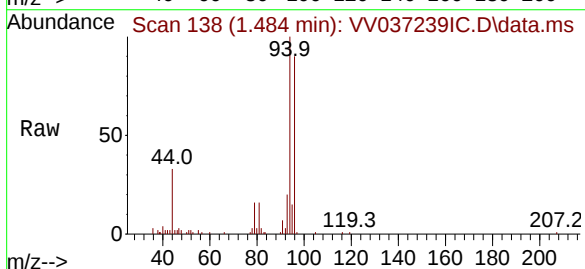
Acq: 10 Sep 2024 08:43

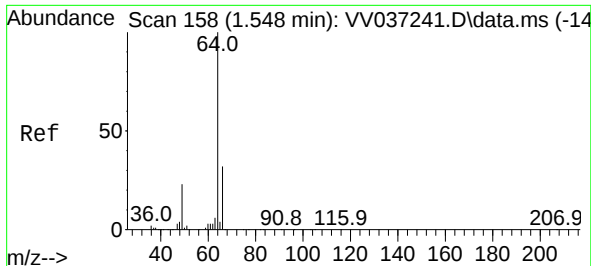
Tgt Ion: 94 Resp: 14333

Ion Ratio Lower Upper

94 100

96 89.6 65.3 121.3

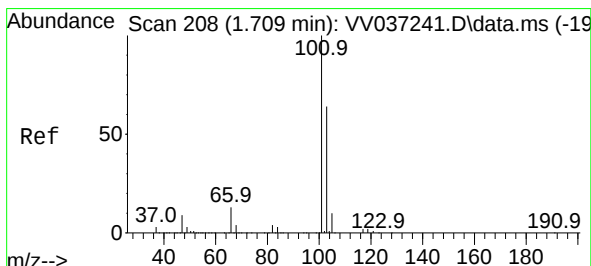
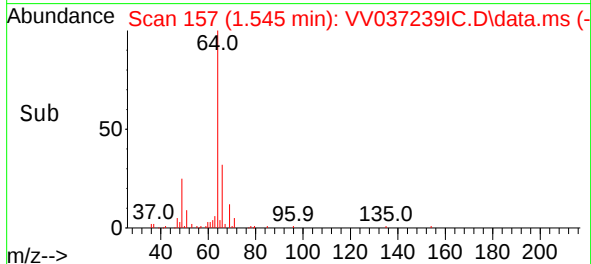
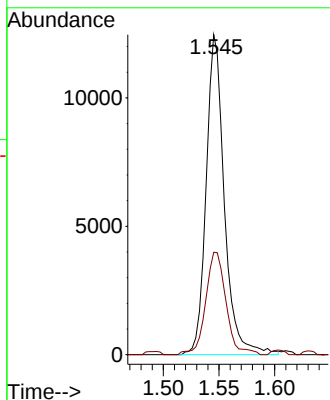
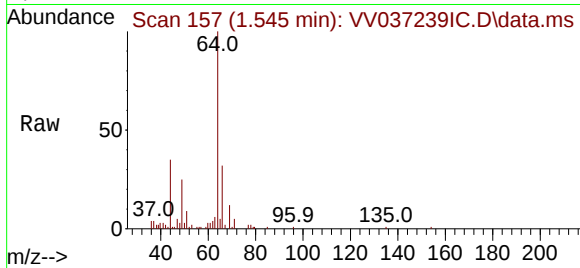




#8
Chloroethane
Concen: 0.556 ug/L
RT: 1.545 min Scan# 158
Delta R.T. -0.003 min
Lab File: VV037239IC.D
Acq: 10 Sep 2024 08:43

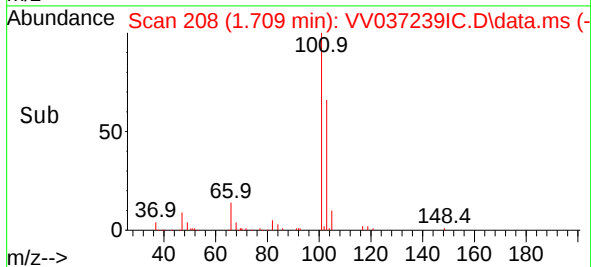
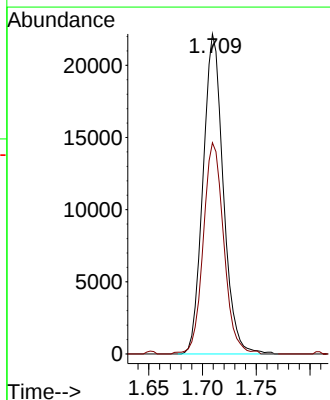
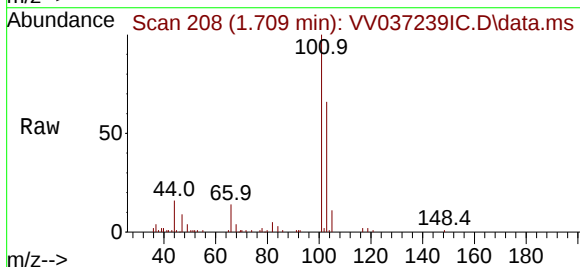
Instrument :
MSVOA_V
ClientSampleId :

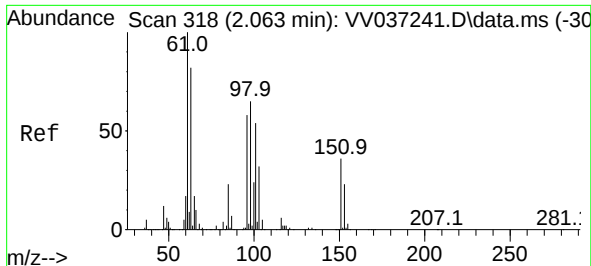
Tgt Ion: 64 Resp: 14177
Ion Ratio Lower Upper
64 100
66 32.0 22.7 42.1



#9
Trichlorofluoromethane
Concen: 0.551 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV037239IC.D
Acq: 10 Sep 2024 08:43

Tgt Ion:101 Resp: 29102
Ion Ratio Lower Upper
101 100
103 66.7 51.5 77.3

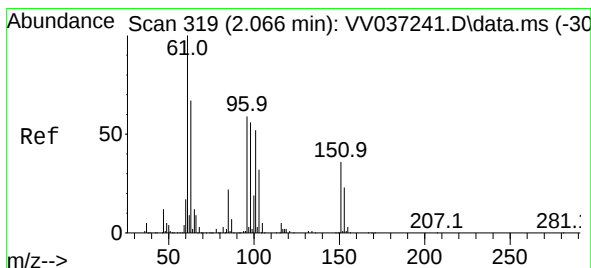
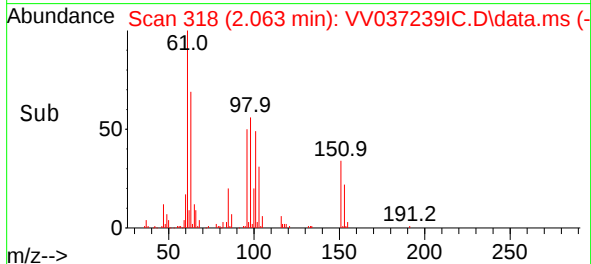
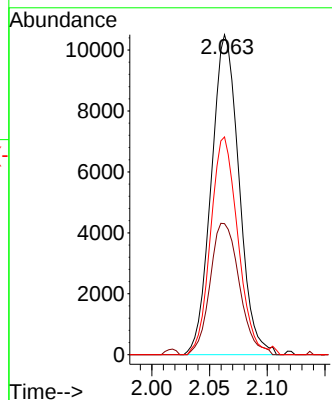
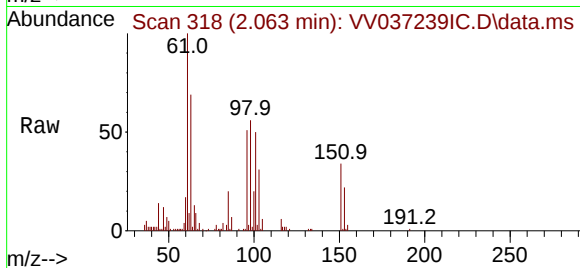




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.549 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV037239IC.D
Acq: 10 Sep 2024 08:43

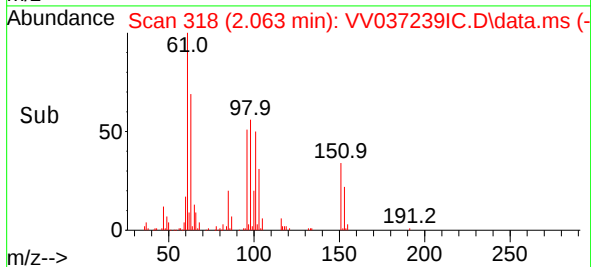
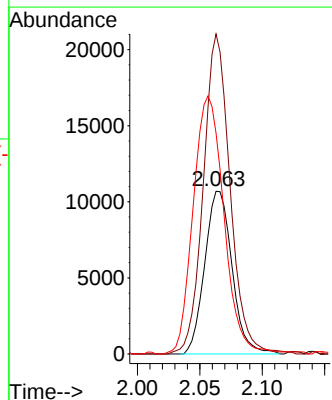
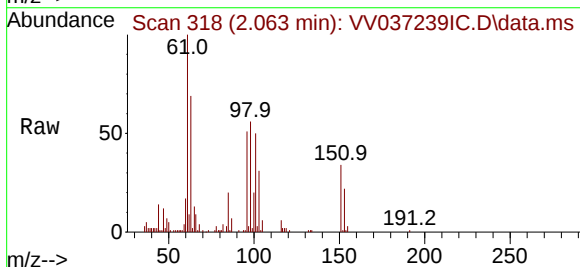
Instrument :
MSVOA_V
ClientSampleId :

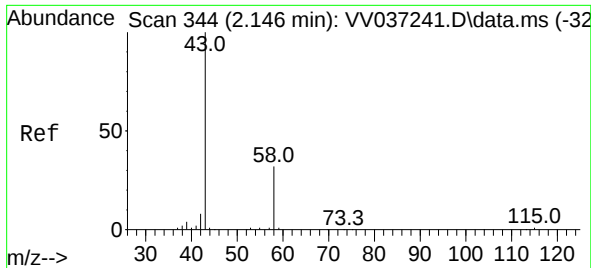
Tgt Ion: 101 Resp: 17533
Ion Ratio Lower Upper
101 100
85 43.3 35.1 52.7
151 67.2 55.3 82.9



#12
1,1-Dichloroethene
Concen: 0.533 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV037239IC.D
Acq: 10 Sep 2024 08:43

Tgt Ion: 96 Resp: 16279
Ion Ratio Lower Upper
96 100
61 196.7 119.9 222.7
63 135.7 81.4 151.2





#13

Acetone

Concen: 2.160 ug/L

RT: 2.166 min Scan# 344

Delta R.T. 0.019 min

Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

Instrument :

MSVOA_V

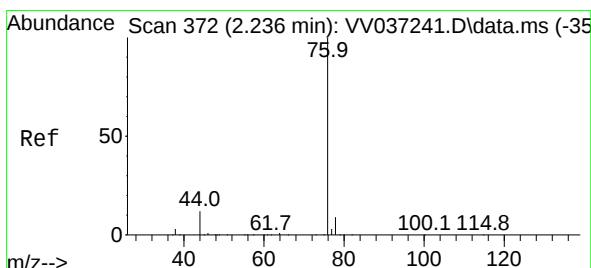
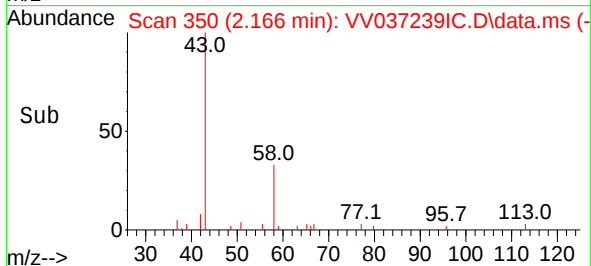
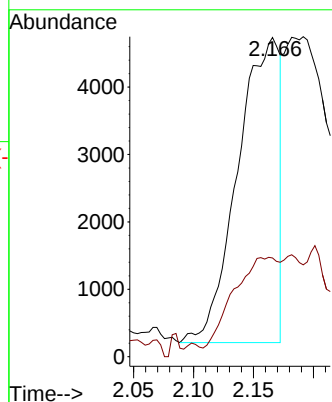
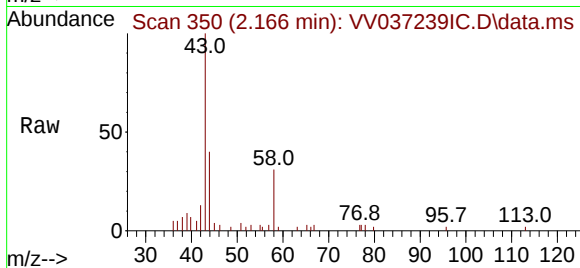
ClientSampleId :

Tgt Ion: 43 Resp: 10987

Ion Ratio Lower Upper

43 100

58 31.7 0.0 69.2



#14

Carbon disulfide

Concen: 0.552 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV037239IC.D

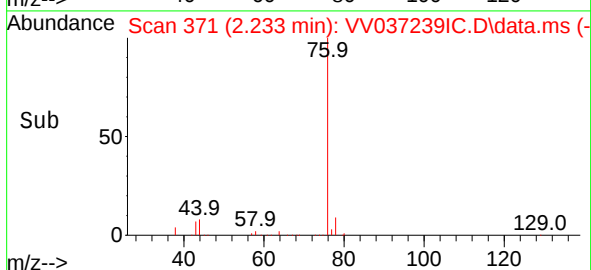
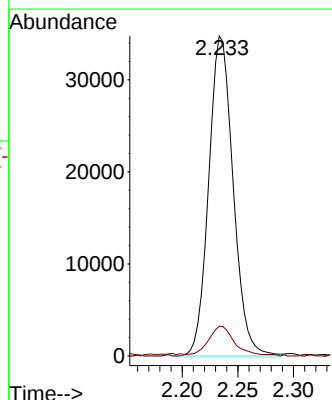
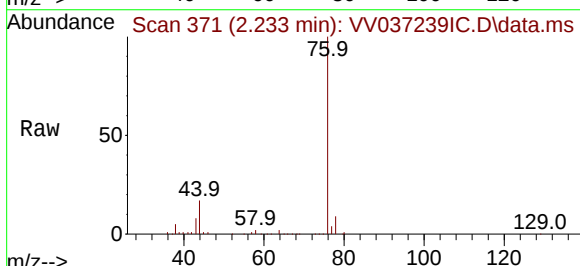
Acq: 10 Sep 2024 08:43

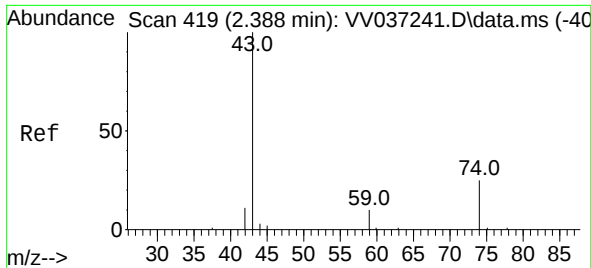
Tgt Ion: 76 Resp: 53150

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

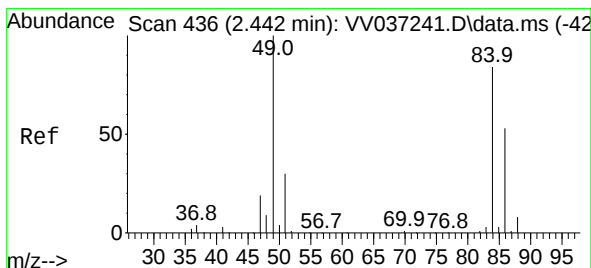
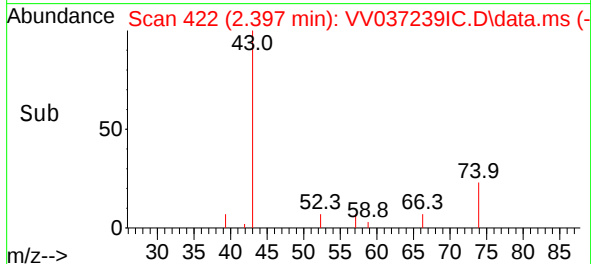
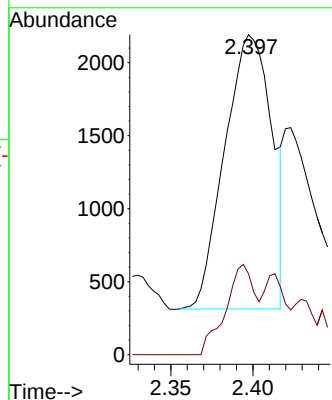
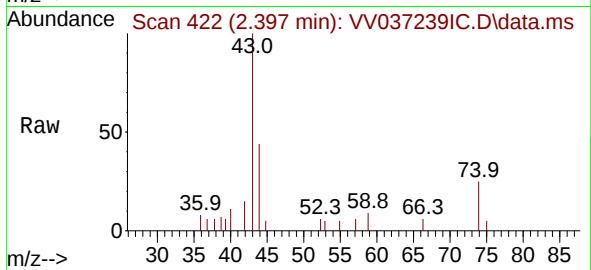




#15
Methyl Acetate
Concen: 0.313 ug/L
RT: 2.397 min Scan# 419
Delta R.T. 0.010 min
Lab File: VV037239IC.D
Acq: 10 Sep 2024 08:43

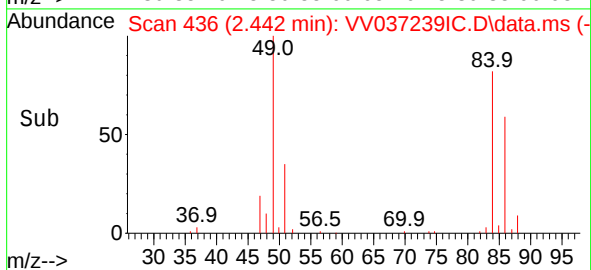
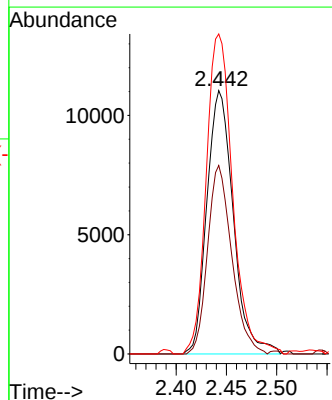
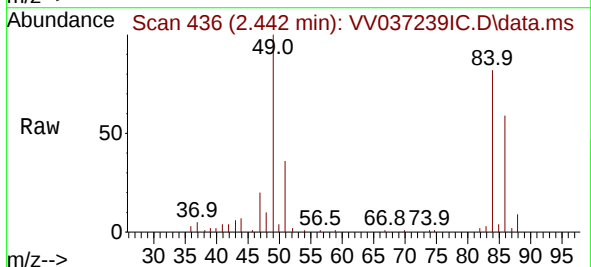
Instrument :
MSVOA_V
ClientSampleId :

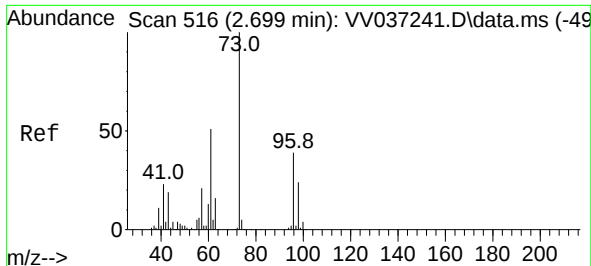
Tgt Ion: 43 Resp: 3753
Ion Ratio Lower Upper
43 100
74 20.7 21.0 31.4#



#16
Methylene chloride
Concen: 0.576 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV037239IC.D
Acq: 10 Sep 2024 08:43

Tgt Ion: 84 Resp: 20200
Ion Ratio Lower Upper
84 100
86 71.6 44.0 81.8
49 121.5 83.0 154.1





#17

Methyl tert-butyl Ether

Concen: 0.512 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

Instrument :

MSVOA_V

ClientSampleId :

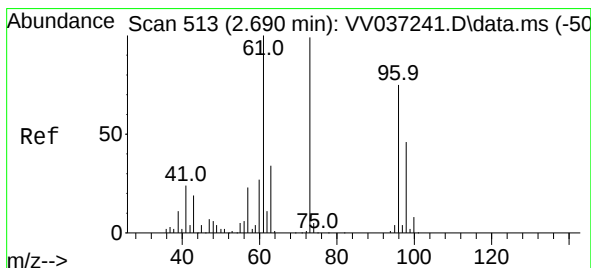
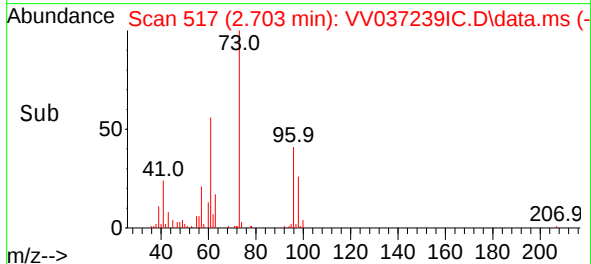
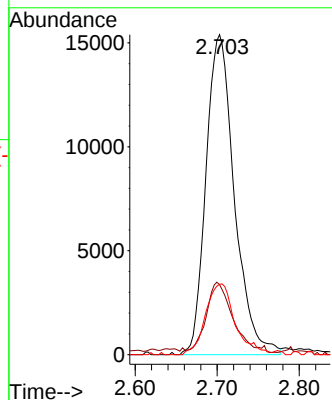
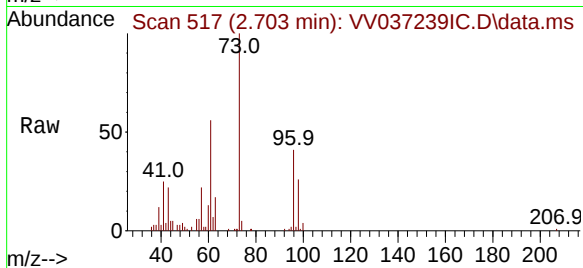
Tgt Ion: 73 Resp: 37119

Ion Ratio Lower Upper

73 100

43 18.5 14.5 21.7

57 23.0 17.7 26.5



#18

trans-1,2-Dichloroethene

Concen: 0.576 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

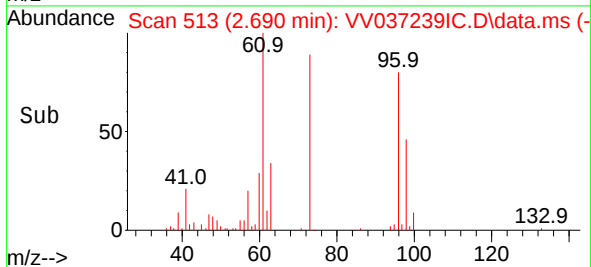
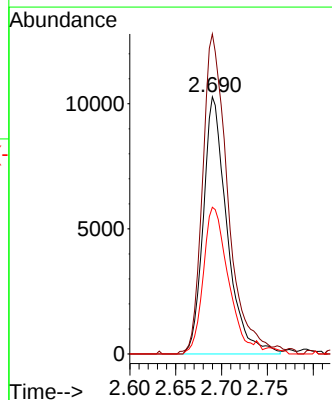
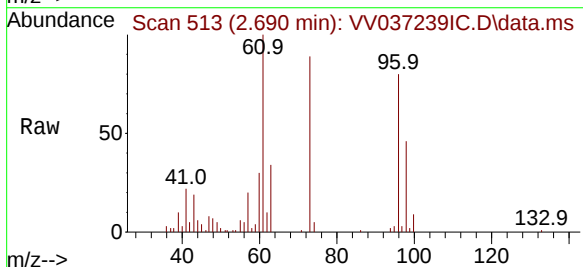
Tgt Ion: 96 Resp: 18486

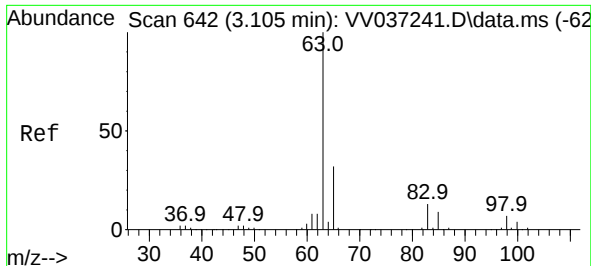
Ion Ratio Lower Upper

96 100

61 124.4 92.8 172.4

98 57.1 43.0 79.8





#19

1,1-Dichloroethane

Concen: 0.532 ug/L

RT: 3.108 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

Instrument :

MSVOA_V

ClientSampleId :

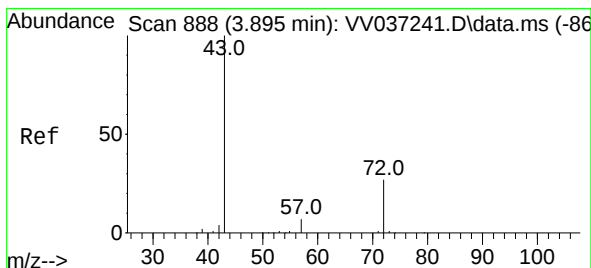
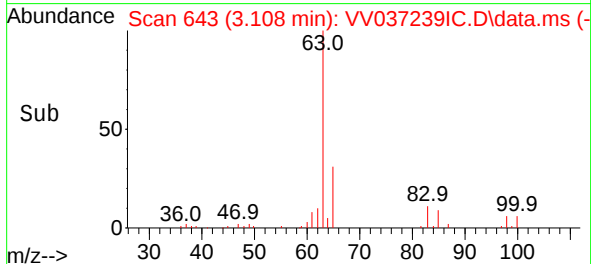
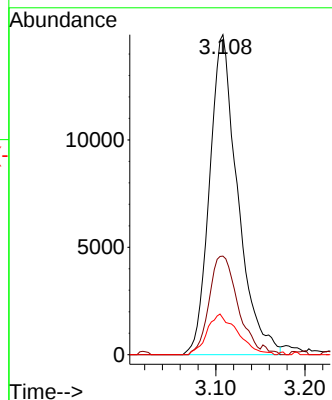
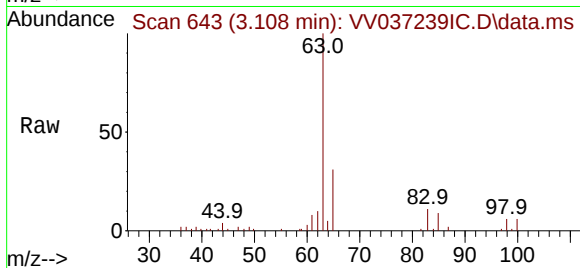
Tgt Ion: 63 Resp: 32609

Ion Ratio Lower Upper

63 100

65 30.8 22.5 41.7

83 11.4 8.9 16.5



#21

2-Butanone

Concen: 1.090 ug/L

RT: 3.957 min Scan# 907

Delta R.T. 0.061 min

Lab File: VV037239IC.D

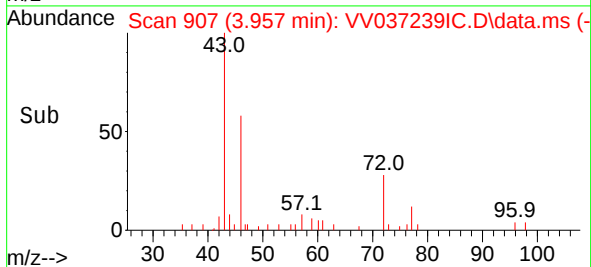
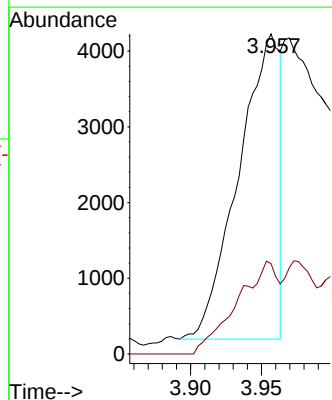
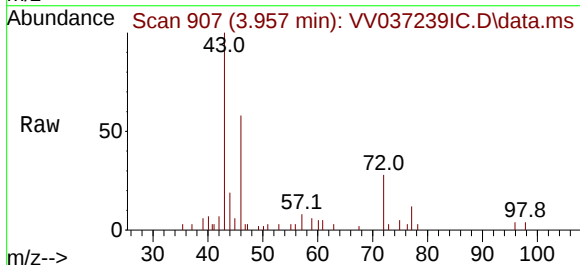
Acq: 10 Sep 2024 08:43

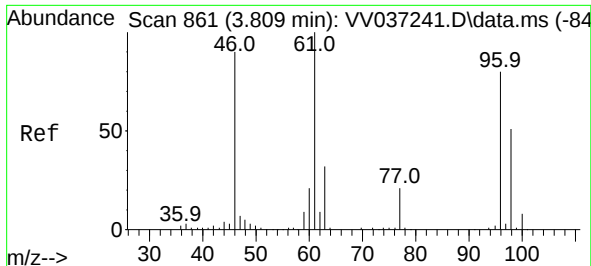
Tgt Ion: 43 Resp: 8172

Ion Ratio Lower Upper

43 100

72 30.4 12.2 36.6





#22

cis-1,2-Dichloroethene

Concen: 0.526 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.013 min

Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

Instrument :

MSVOA_V

ClientSampleId :

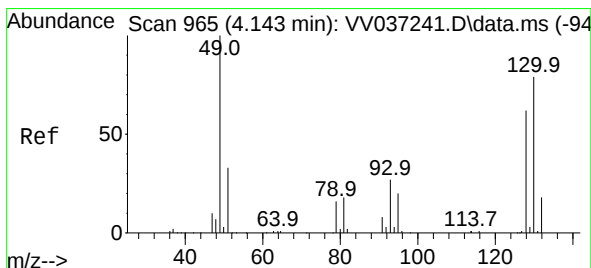
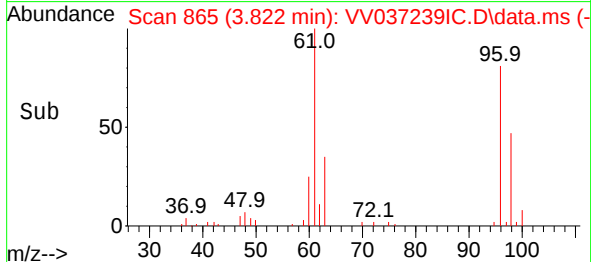
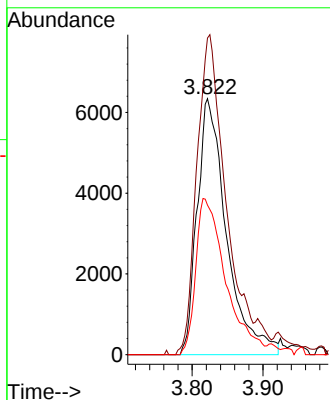
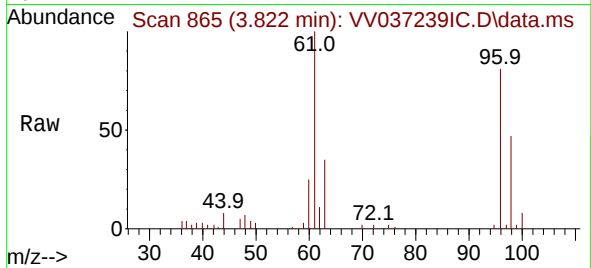
Tgt Ion: 96 Resp: 18250

Ion Ratio Lower Upper

96 100

61 123.7 87.6 162.6

98 58.4 44.9 83.5



#23

Bromochloromethane

Concen: 0.509 ug/L

RT: 4.156 min Scan# 969

Delta R.T. 0.013 min

Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

Tgt Ion: 128 Resp: 7646

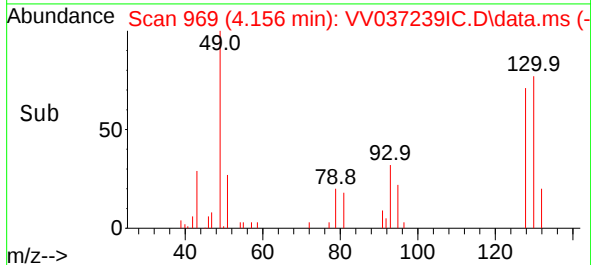
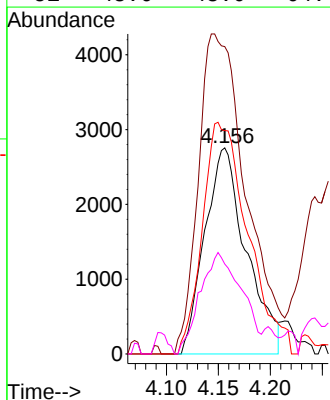
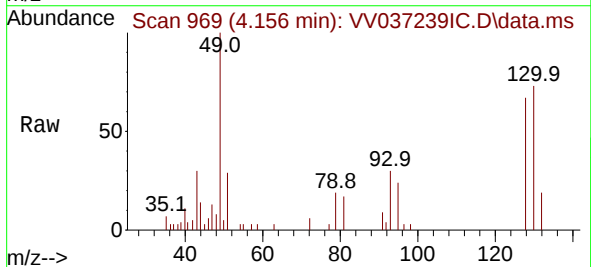
Ion Ratio Lower Upper

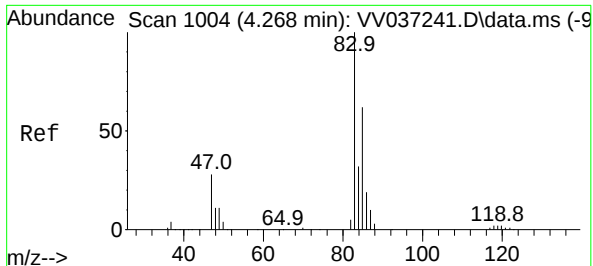
128 100

49 149.2 114.0 211.8

130 108.4 89.3 165.9

51 43.6 43.0 64.4





#25

Chloroform

Concen: 0.545 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

Instrument :

MSVOA_V

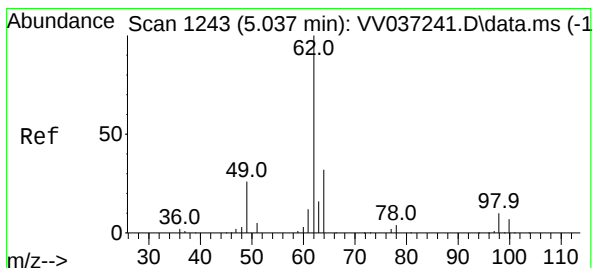
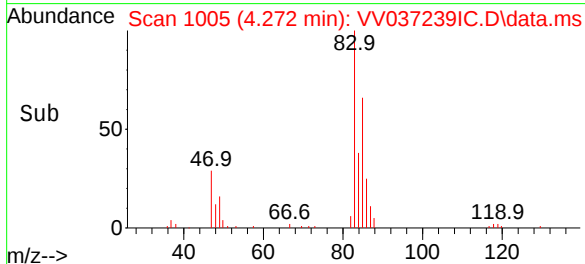
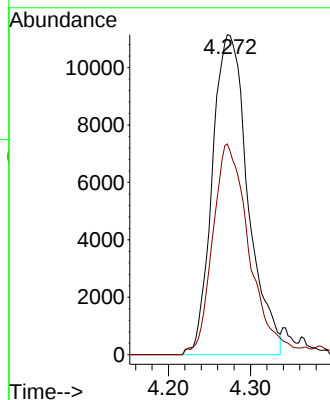
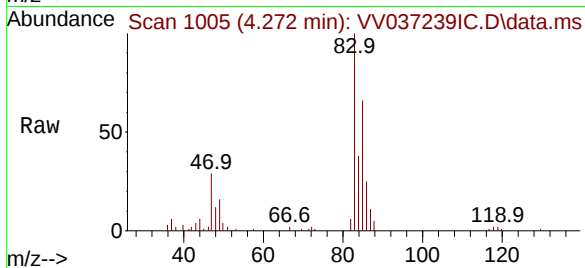
ClientSampleId :

Tgt Ion: 83 Resp: 33683

Ion Ratio Lower Upper

83 100

85 65.9 43.8 81.4



#27

1,2-Dichloroethane

Concen: 0.430 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. 0.016 min

Lab File: VV037239IC.D

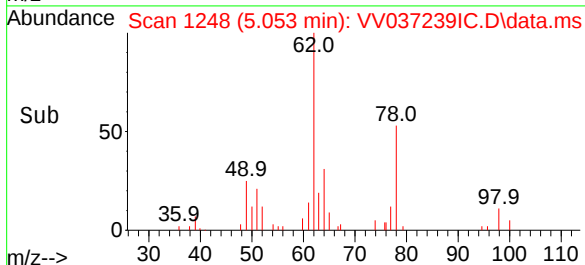
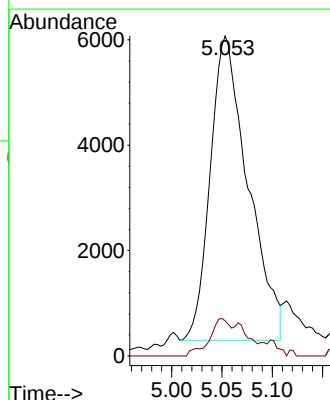
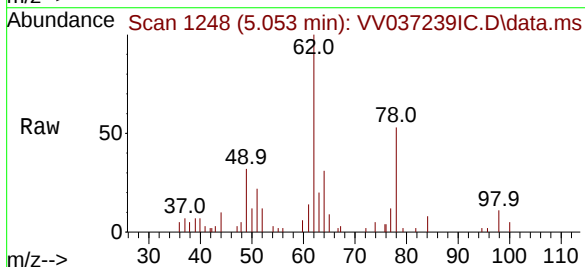
Acq: 10 Sep 2024 08:43

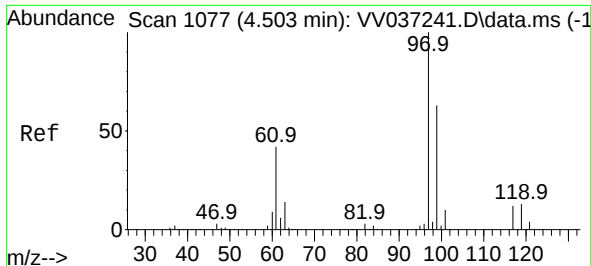
Tgt Ion: 62 Resp: 15039

Ion Ratio Lower Upper

62 100

98 11.0 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 0.502 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

Instrument :

MSVOA_V

ClientSampleId :

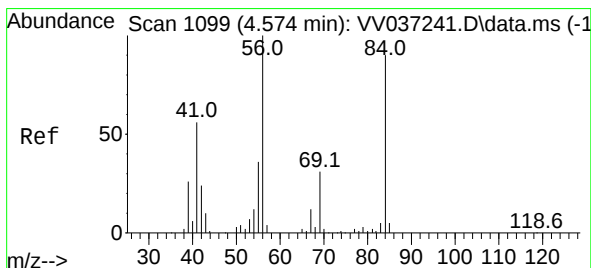
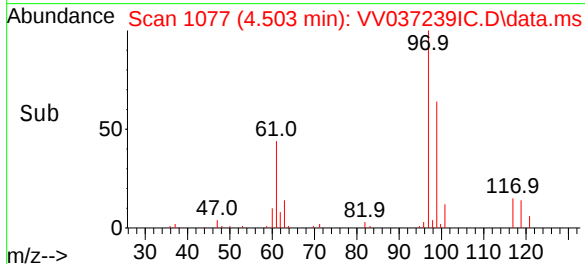
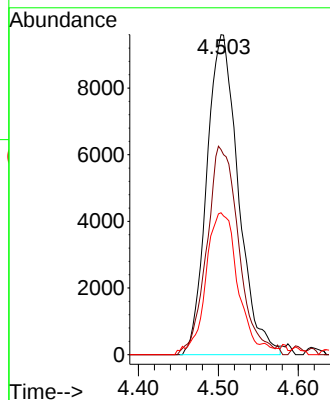
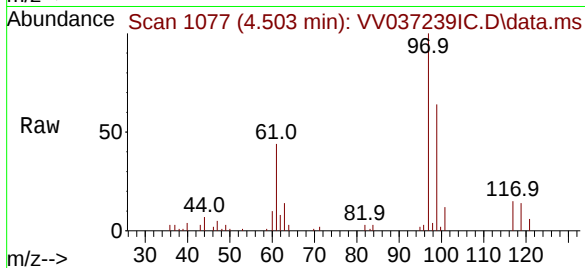
Tgt Ion: 97 Resp: 26328

Ion Ratio Lower Upper

97 100

99 66.0 50.0 75.0

61 44.3 34.3 51.5



#30

Cyclohexane

Concen: 0.485 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.003 min

Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

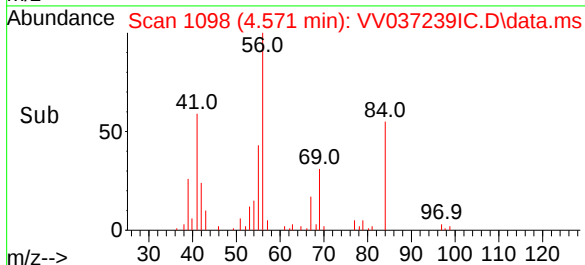
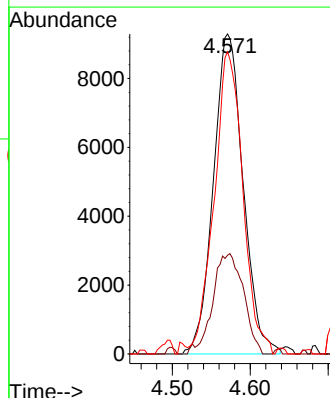
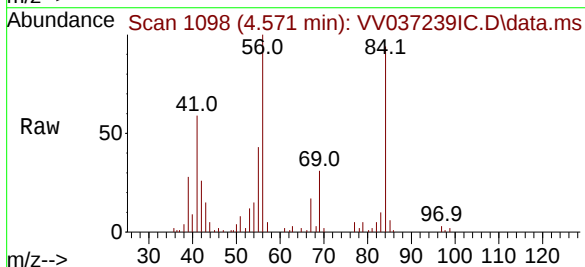
Tgt Ion: 56 Resp: 24656

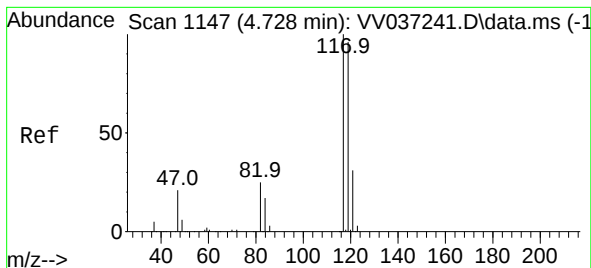
Ion Ratio Lower Upper

56 100

69 31.9 24.1 36.1

84 91.0 73.1 109.7





#31

Carbon tetrachloride

Concen: 0.516 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

Instrument :

MSVOA_V

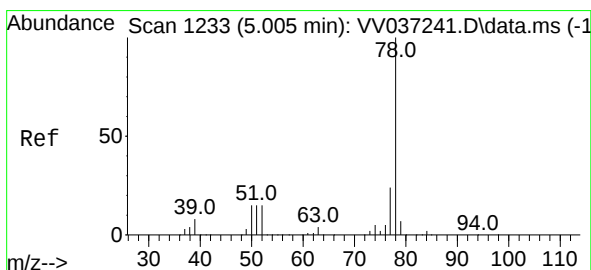
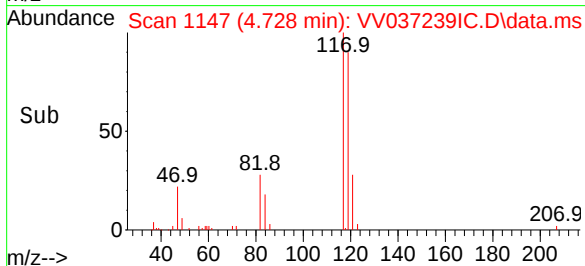
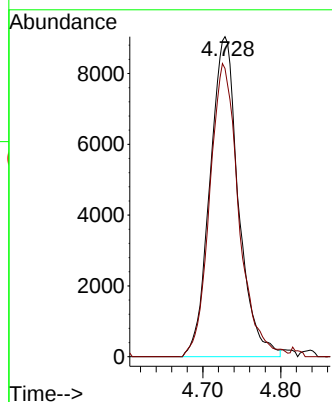
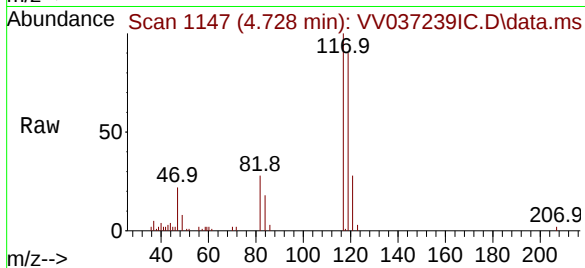
ClientSampleId :

Tgt Ion:117 Resp: 23028

Ion Ratio Lower Upper

117 100

119 93.4 76.2 114.4



#33

Benzene

Concen: 0.522 ug/L

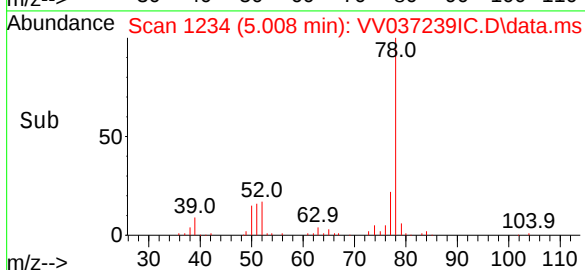
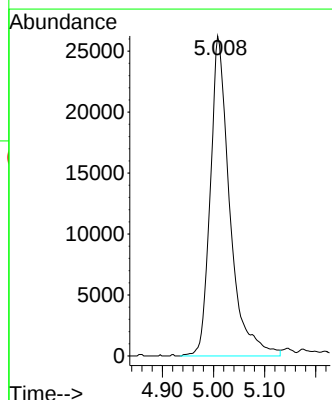
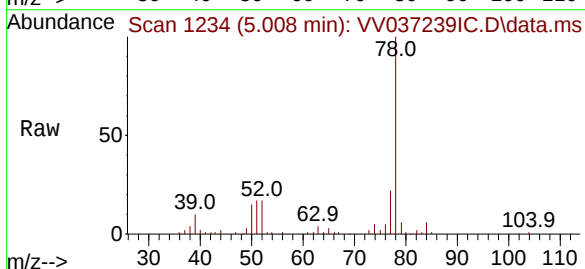
RT: 5.008 min Scan# 1234

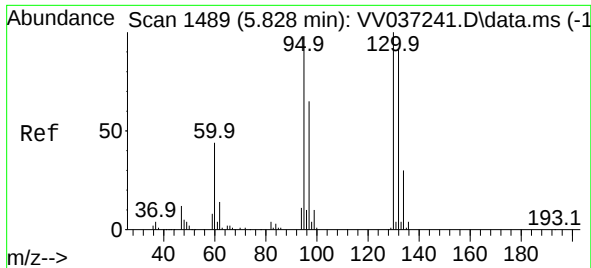
Delta R.T. 0.003 min

Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

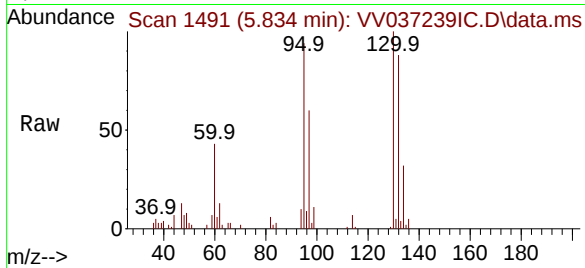
Tgt Ion: 78 Resp: 69485



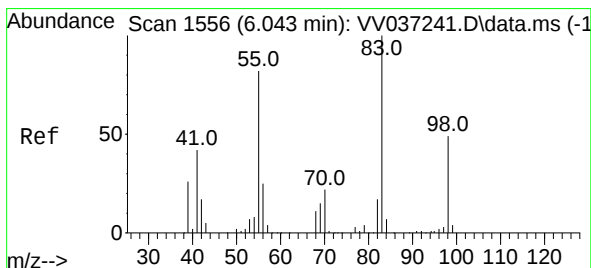
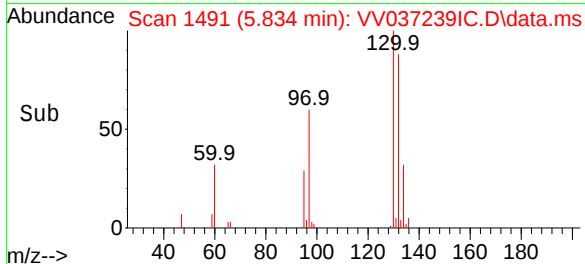
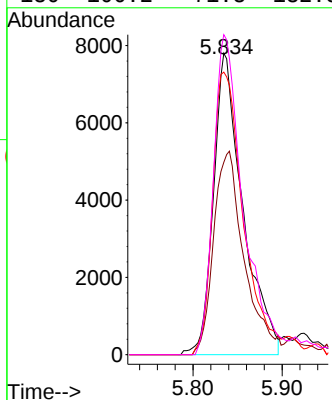


#34
Trichloroethene
Concen: 0.500 ug/L
RT: 5.834 min Scan# 1489
Delta R.T. 0.007 min
Lab File: VV037239IC.D
Acq: 10 Sep 2024 08:43

Instrument :
MSVOA_V
ClientSampleId :

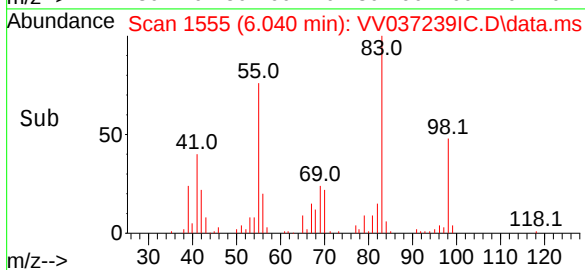
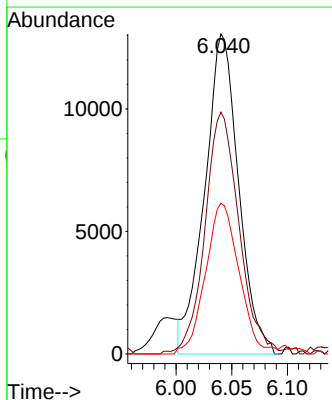
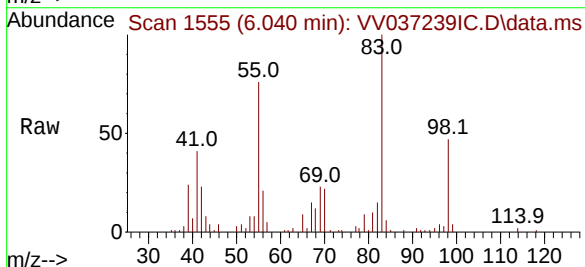


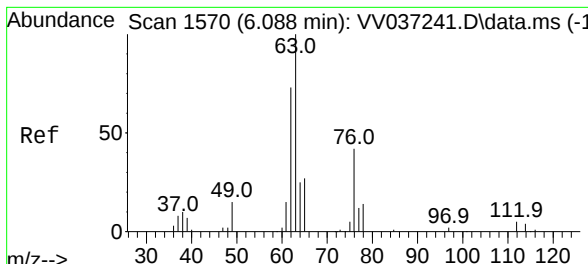
Tgt Ion: 95 Resp: 17930
Ion Ratio Lower Upper
95 100
97 63.8 46.5 86.5
132 93.7 65.5 121.7
130 106.2 71.3 132.3



#35
Methylcyclohexane
Concen: 0.507 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.003 min
Lab File: VV037239IC.D
Acq: 10 Sep 2024 08:43

Tgt Ion: 83 Resp: 27629
Ion Ratio Lower Upper
83 100
55 76.0 60.3 90.5
98 46.8 38.2 57.4

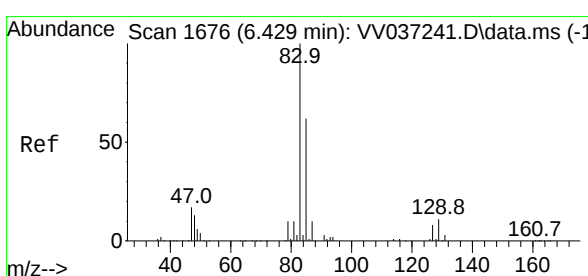
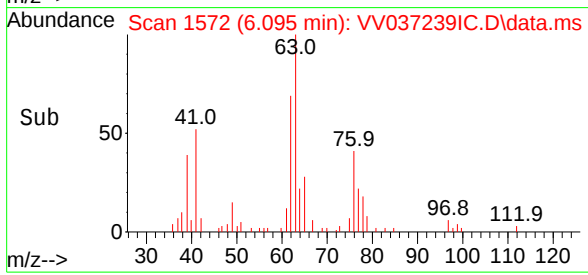
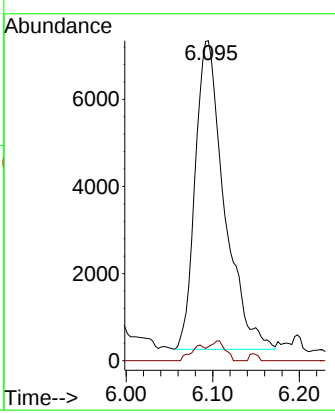
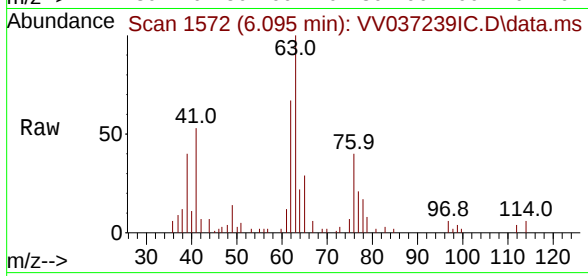




#37
 1,2-Dichloropropane
 Concen: 0.505 ug/L
 RT: 6.095 min Scan# 1572
 Delta R.T. 0.007 min
 Lab File: VV037239IC.D
 Acq: 10 Sep 2024 08:43

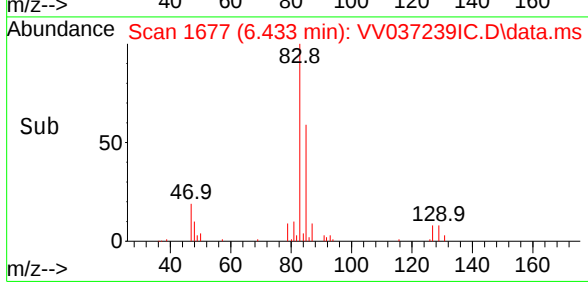
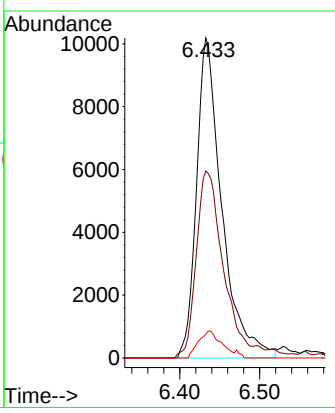
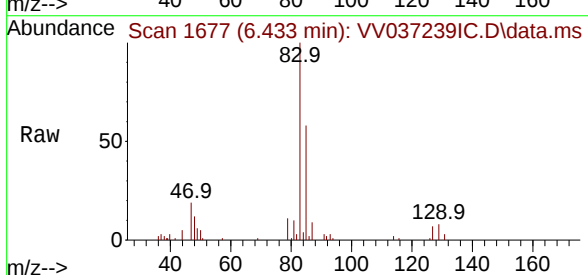
Instrument :
 MSVOA_V
 ClientSampleId :

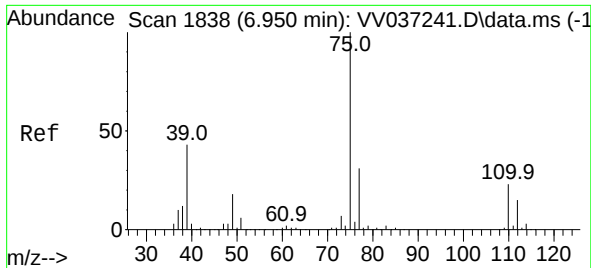
Tgt Ion:	63	Resp:	16554
Ion Ratio	Lower	Upper	
63	100		
112	2.5	3.7	5.5#



#38
 Bromodichloromethane
 Concen: 0.528 ug/L
 RT: 6.433 min Scan# 1677
 Delta R.T. 0.003 min
 Lab File: VV037239IC.D
 Acq: 10 Sep 2024 08:43

Tgt Ion:	83	Resp:	22402
Ion Ratio	Lower	Upper	
83	100		
85	58.4	43.7	81.1
127	7.5	6.7	10.1





#39

cis-1,3-Dichloropropene

Concen: 0.441 ug/L

RT: 6.960 min Scan# 1838

Delta R.T. 0.010 min

Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

Instrument :

MSVOA_V

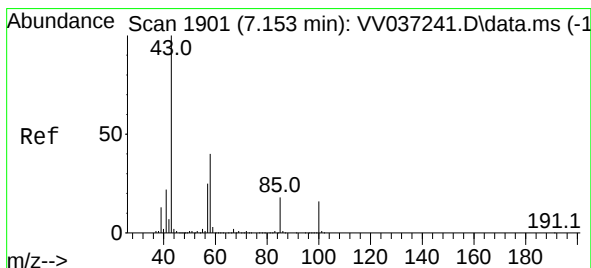
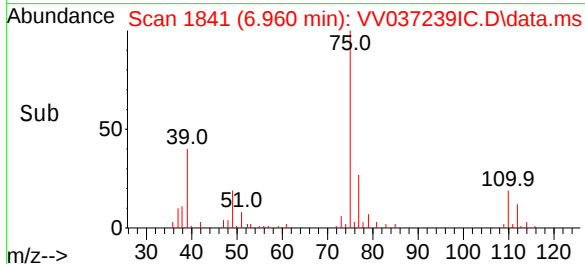
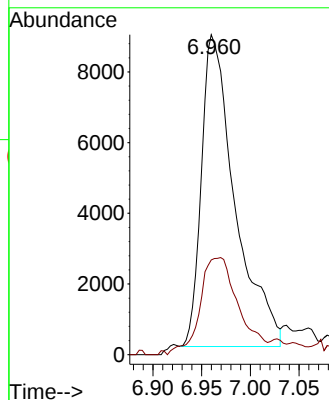
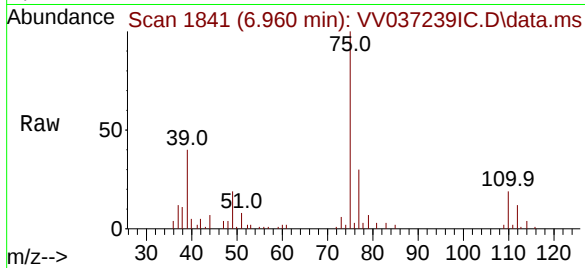
ClientSampleId :

Tgt Ion: 75 Resp: 21161

Ion Ratio Lower Upper

75 100

77 29.6 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 4.725 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. 0.013 min

Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

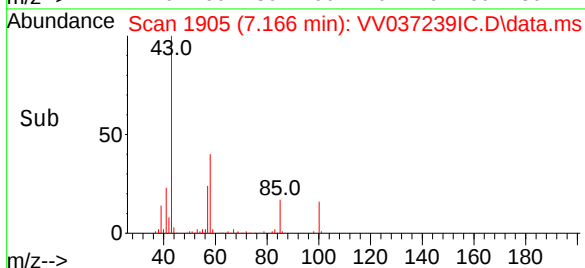
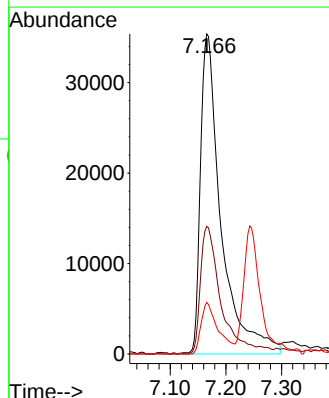
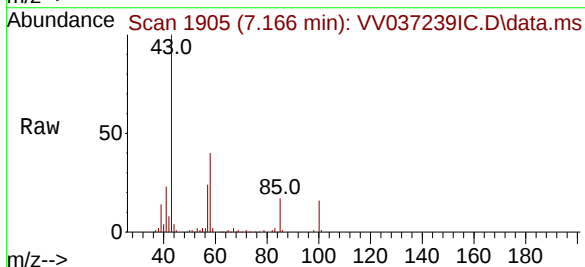
Tgt Ion: 43 Resp: 90931

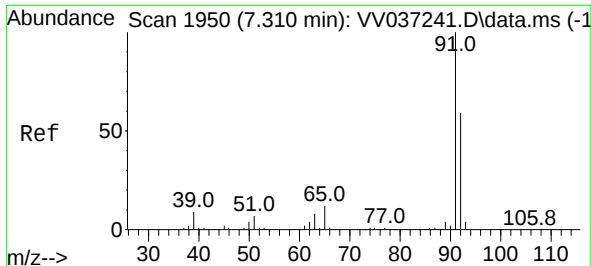
Ion Ratio Lower Upper

43 100

58 38.6 31.7 47.5

100 13.7 12.6 19.0





#42

Toluene

Concen: 0.505 ug/L

RT: 7.314 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

Instrument :

MSVOA_V

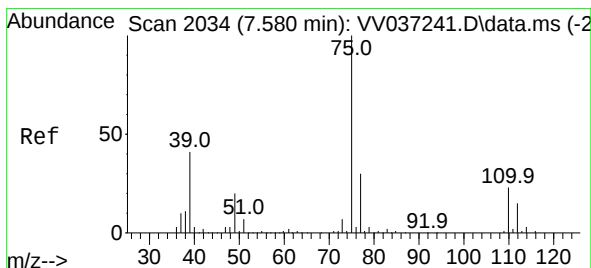
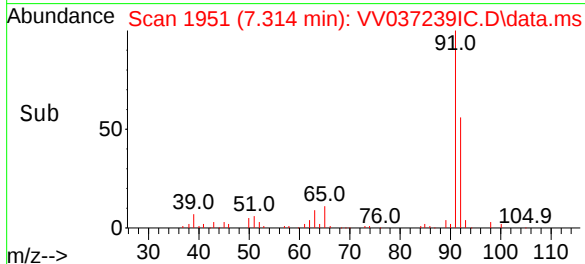
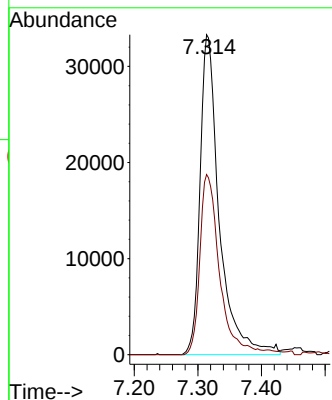
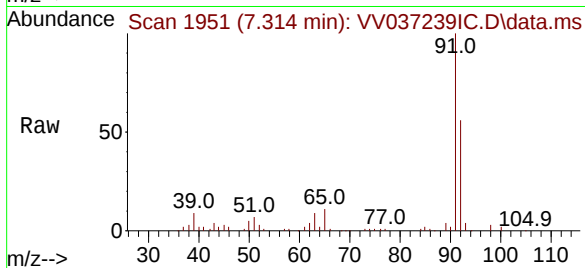
ClientSampleId :

Tgt Ion: 91 Resp: 69957

Ion Ratio Lower Upper

91 100

92 56.3 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 0.440 ug/L

RT: 7.593 min Scan# 2038

Delta R.T. 0.013 min

Lab File: VV037239IC.D

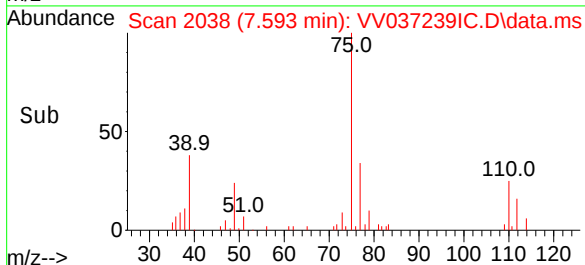
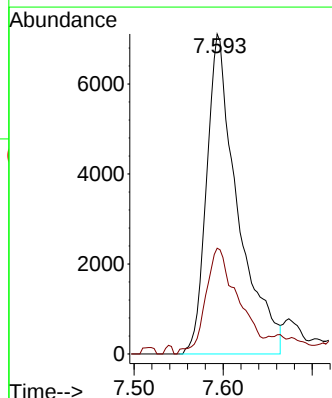
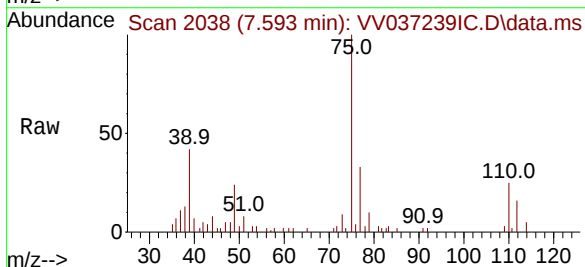
Acq: 10 Sep 2024 08:43

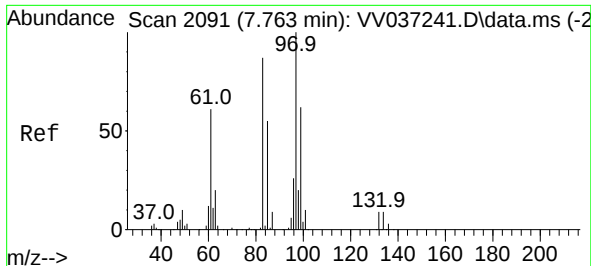
Tgt Ion: 75 Resp: 17190

Ion Ratio Lower Upper

75 100

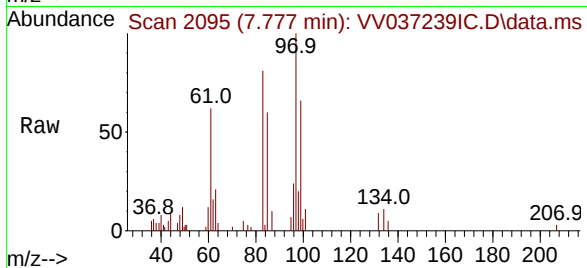
77 33.1 20.9 38.9



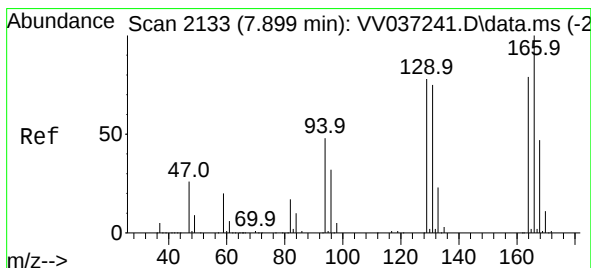
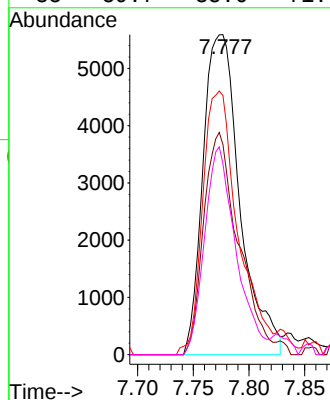
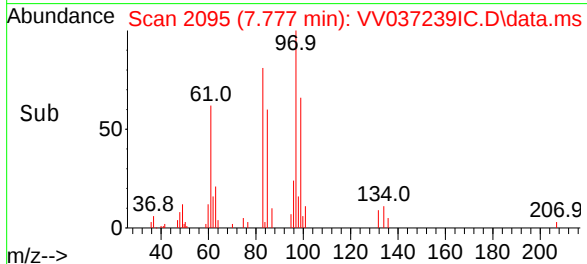


#45
1,1,2-Trichloroethane
Concen: 0.532 ug/L
RT: 7.777 min Scan# 2095
Delta R.T. 0.013 min
Lab File: VV037239IC.D
Acq: 10 Sep 2024 08:43

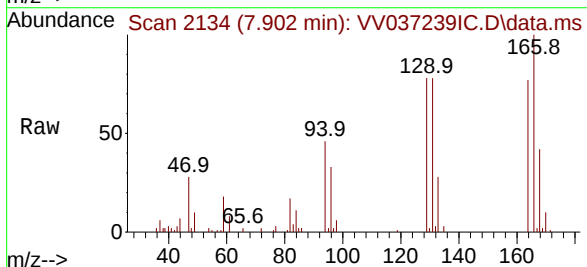
Instrument :
MSVOA_V
ClientSampleId :



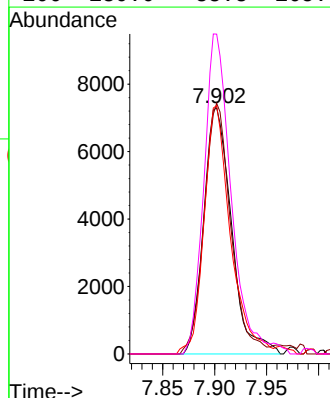
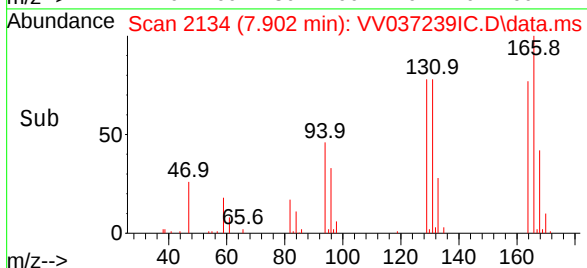
Tgt Ion:	97	Resp:	12903
Ion	Ratio	Lower	Upper
97	100		
99	65.7	43.1	80.1
83	81.0	61.0	113.4
85	59.7	38.6	71.6

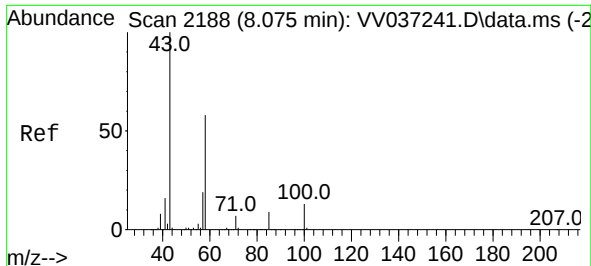


#47
Tetrachloroethene
Concen: 0.529 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV037239IC.D
Acq: 10 Sep 2024 08:43



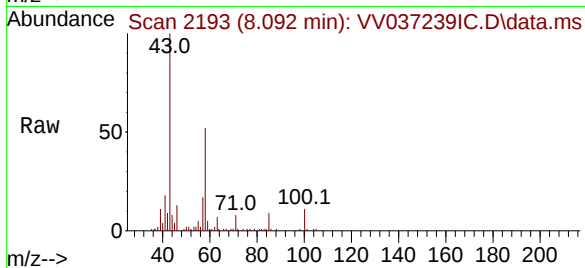
Tgt Ion:	164	Resp:	13584
Ion	Ratio	Lower	Upper
164	100		
129	101.9	69.2	128.4
131	100.9	66.6	123.8
166	130.0	88.8	165.0





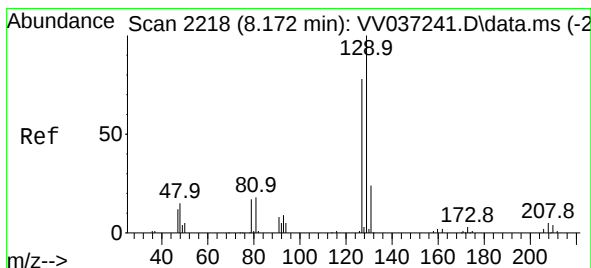
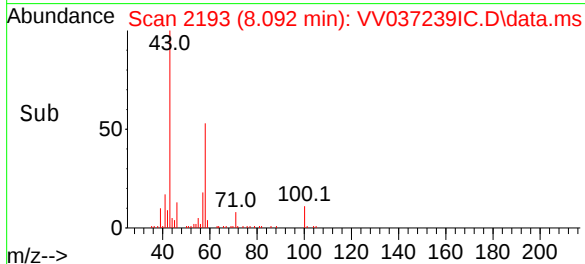
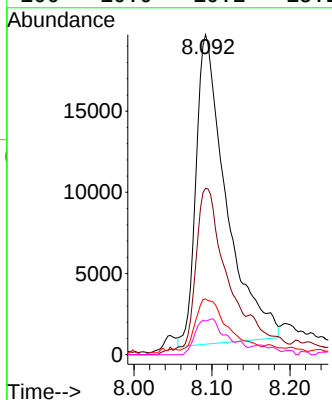
#48
2-Hexanone
Concen: 3.875 ug/L
RT: 8.092 min Scan# 2188
Delta R.T. 0.016 min
Lab File: VV037239IC.D
Acq: 10 Sep 2024 08:43

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 51382

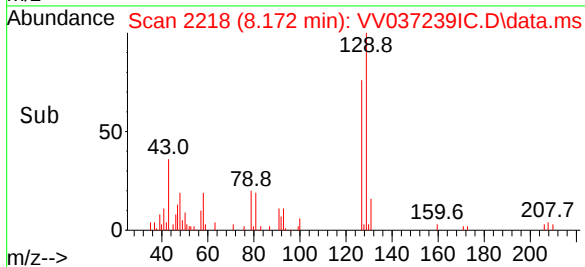
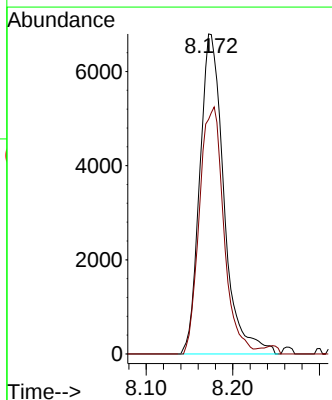
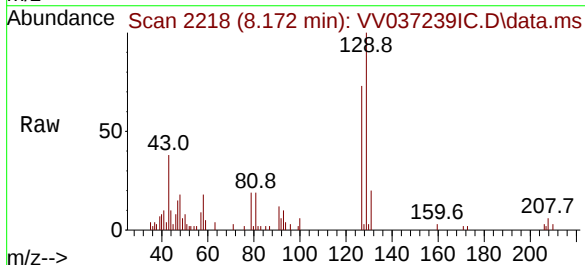
Ion	Ratio	Lower	Upper
43	100		
58	58.4	45.5	68.3
57	19.9	15.3	22.9
100	10.9	10.2	15.2

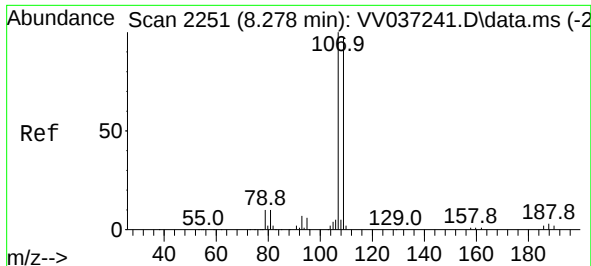


#49
Dibromochloromethane
Concen: 0.518 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV037239IC.D
Acq: 10 Sep 2024 08:43

Tgt Ion: 129 Resp: 13171

Ion	Ratio	Lower	Upper
129	100		
127	73.3	54.5	101.1

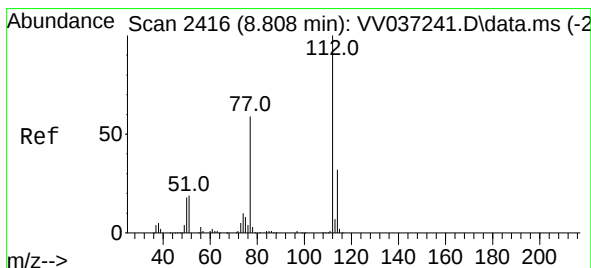
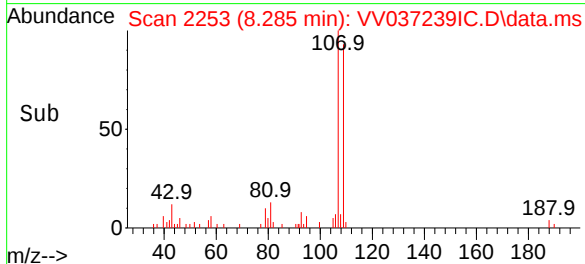
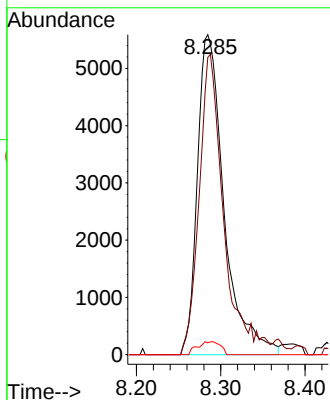
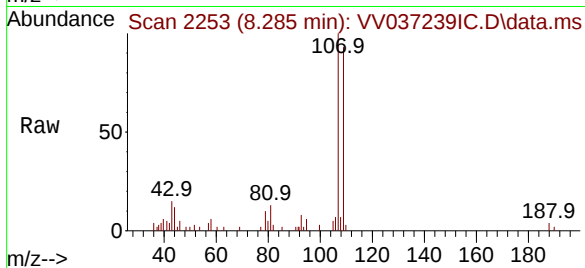




#50
1,2-Dibromoethane
Concen: 0.538 ug/L
RT: 8.285 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV037239IC.D
Acq: 10 Sep 2024 08:43

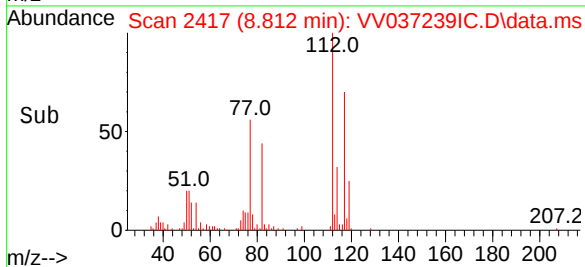
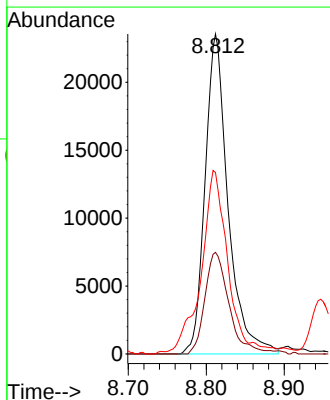
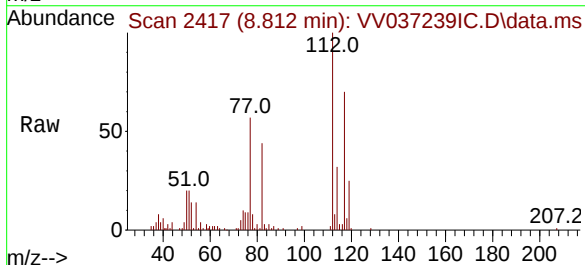
Instrument :
MSVOA_V
ClientSampleId :

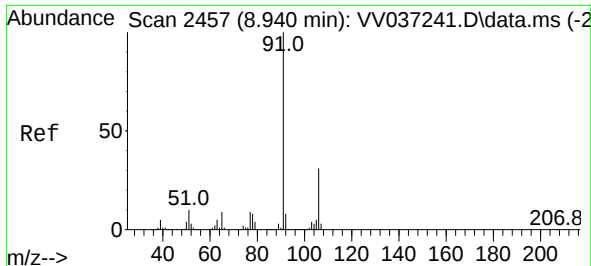
Tgt Ion:107 Resp: 12321
Ion Ratio Lower Upper
107 100
109 92.9 68.1 126.5
188 3.7 2.7 4.1



#51
Chlorobenzene
Concen: 0.524 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV037239IC.D
Acq: 10 Sep 2024 08:43

Tgt Ion:112 Resp: 48315
Ion Ratio Lower Upper
112 100
114 31.8 22.6 42.0
77 56.7 47.0 70.6





#52

Ethylbenzene

Concen: 0.497 ug/L

RT: 8.944 min Scan# 2457

Delta R.T. 0.003 min

Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

Instrument :

MSVOA_V

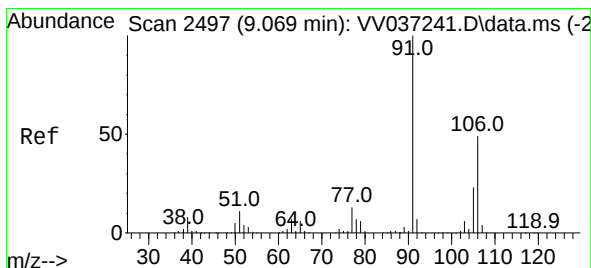
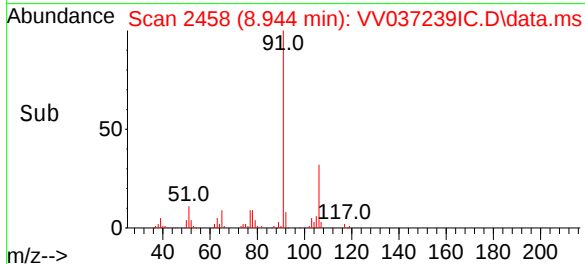
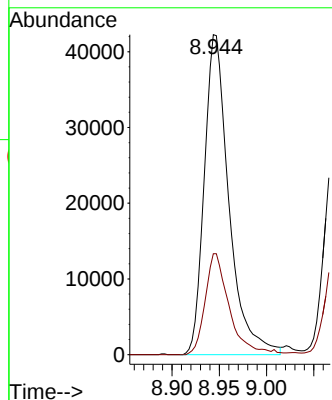
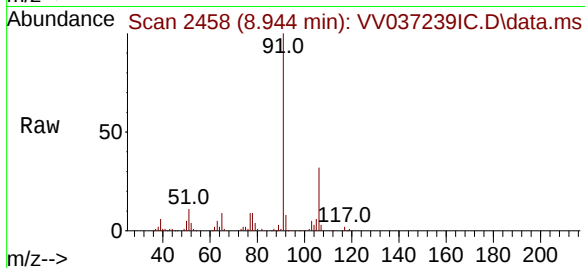
ClientSampleId :

Tgt Ion: 91 Resp: 76797

Ion Ratio Lower Upper

91 100

106 31.5 21.7 40.3



#53

m,p-Xylene

Concen: 0.456 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.003 min

Lab File: VV037239IC.D

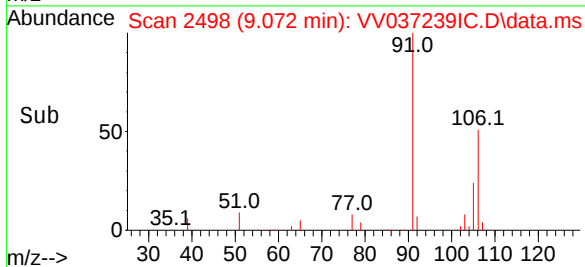
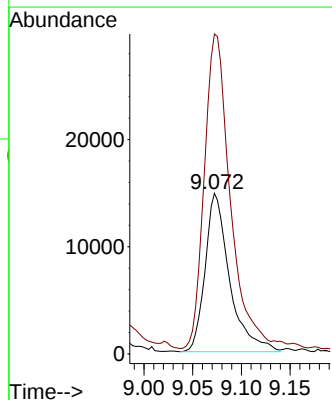
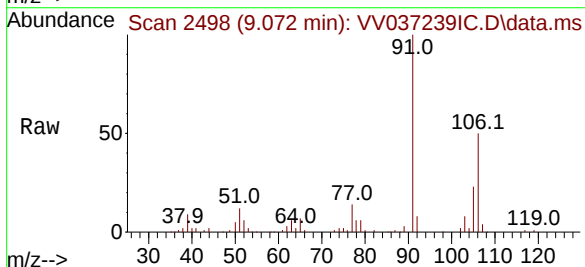
Acq: 10 Sep 2024 08:43

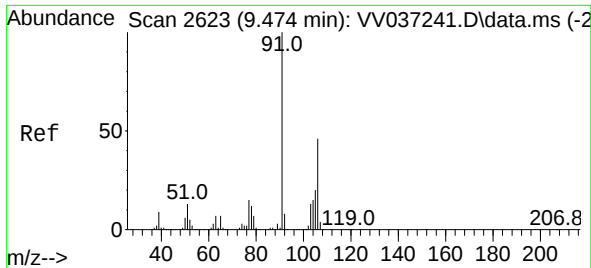
Tgt Ion: 106 Resp: 25907

Ion Ratio Lower Upper

106 100

91 199.3 143.3 266.1

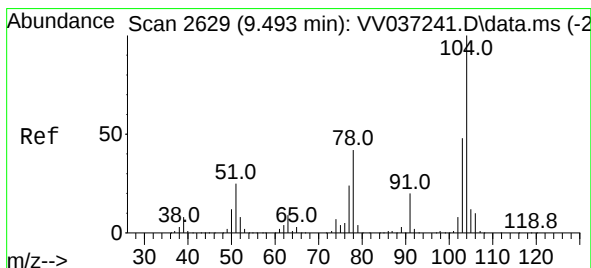
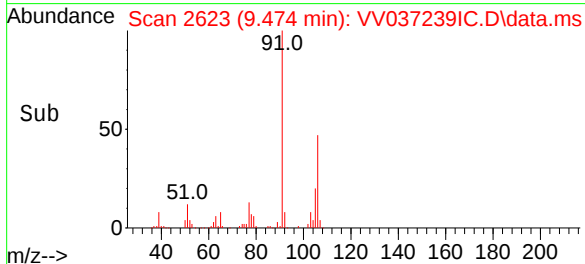
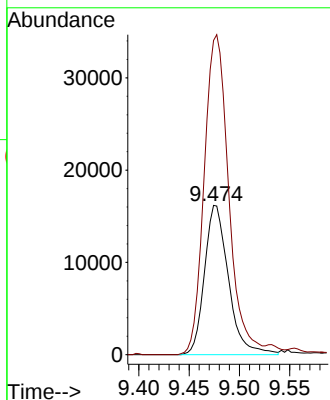
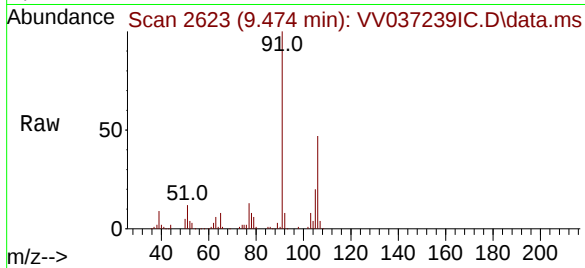




#54
o-Xylene
Concen: 0.477 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV037239IC.D
Acq: 10 Sep 2024 08:43

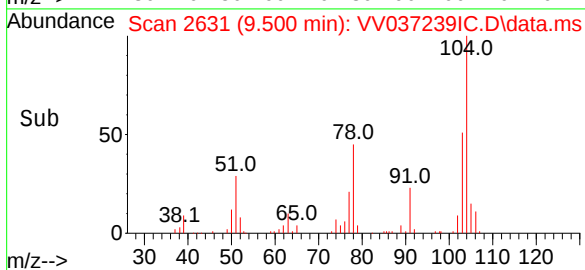
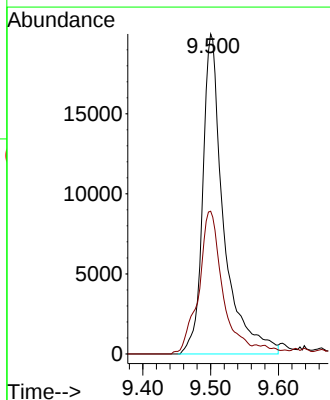
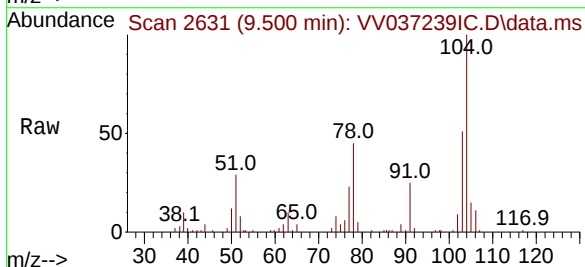
Instrument :
MSVOA_V
ClientSampleId :

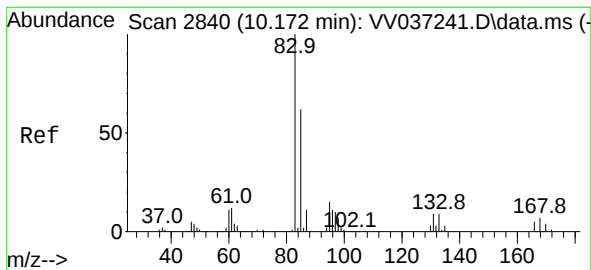
Tgt Ion:106 Resp: 26873
Ion Ratio Lower Upper
106 100
91 210.6 151.8 282.0



#55
Styrene
Concen: 0.450 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.007 min
Lab File: VV037239IC.D
Acq: 10 Sep 2024 08:43

Tgt Ion:104 Resp: 42941
Ion Ratio Lower Upper
104 100
78 44.6 29.2 54.2

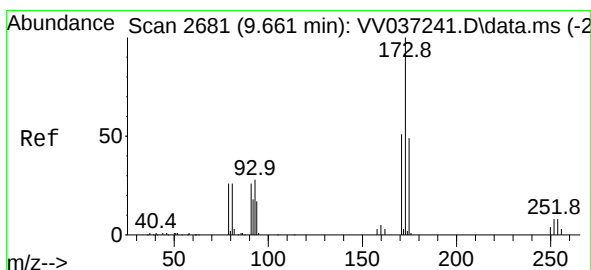
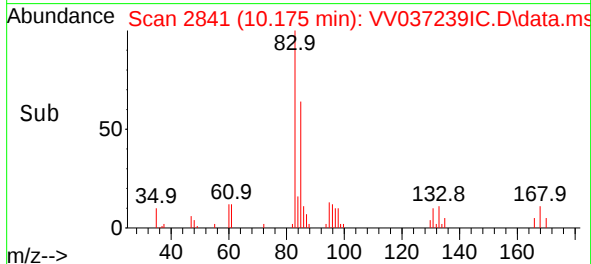
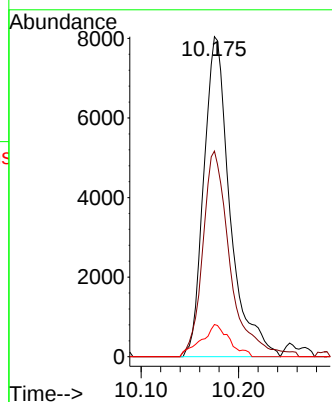
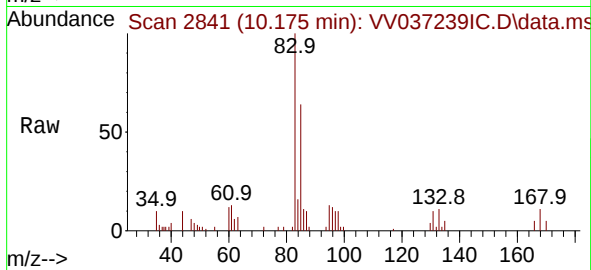




#57
1,1,2,2-Tetrachloroethane
Concen: 0.513 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VV037239IC.D
Acq: 10 Sep 2024 08:43

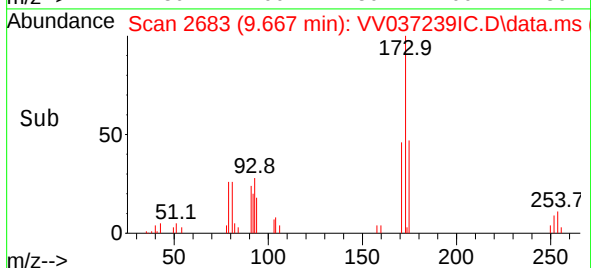
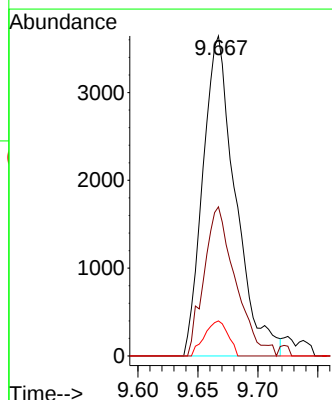
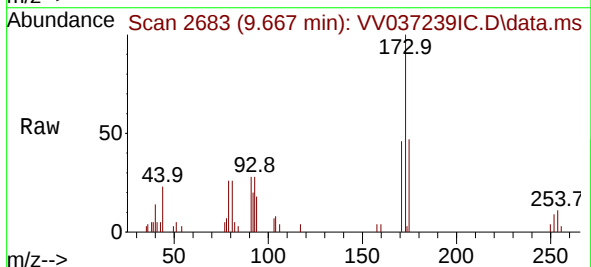
Instrument :
MSVOA_V
ClientSampleId :

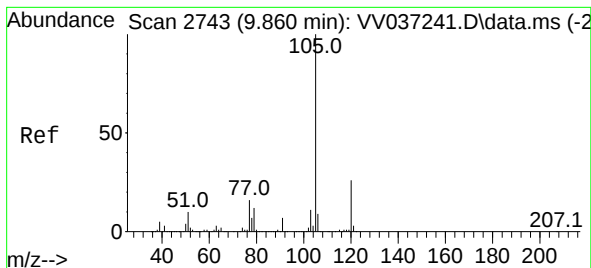
Tgt Ion: 83 Resp: 15038
Ion Ratio Lower Upper
83 100
85 64.3 43.2 80.2
131 10.1 6.9 10.3



#59
Bromoform
Concen: 0.558 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.007 min
Lab File: VV037239IC.D
Acq: 10 Sep 2024 08:43

Tgt Ion: 173 Resp: 6888
Ion Ratio Lower Upper
173 100
175 44.9 38.7 58.1
254 7.9 6.8 10.2





#60

Isopropylbenzene

Concen: 0.513 ug/L

RT: 9.863 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV037239IC.D

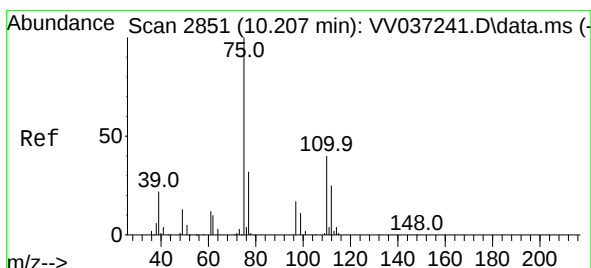
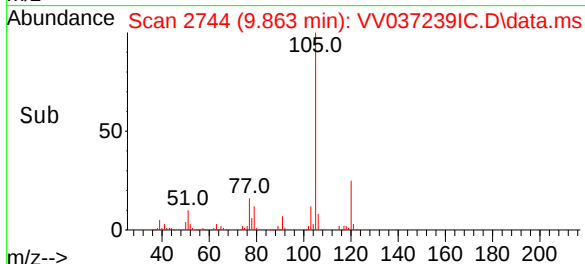
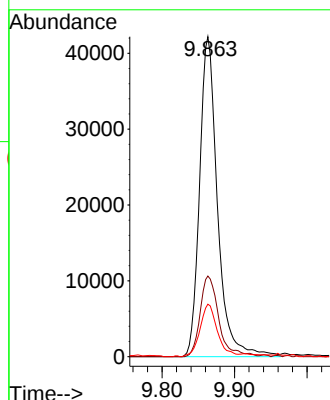
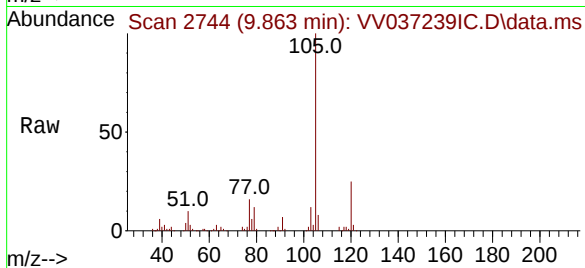
Acq: 10 Sep 2024 08:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:105	Resp:	72455
Ion Ratio	Lower	Upper
105	100	
120	25.6	20.2 30.4
77	15.8	12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 0.586 ug/L

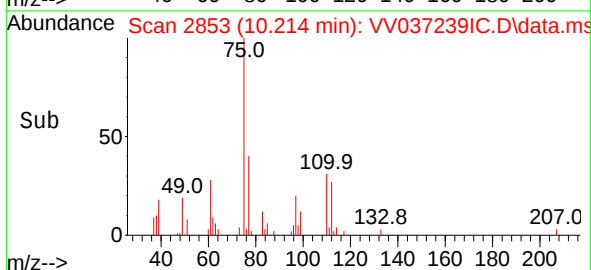
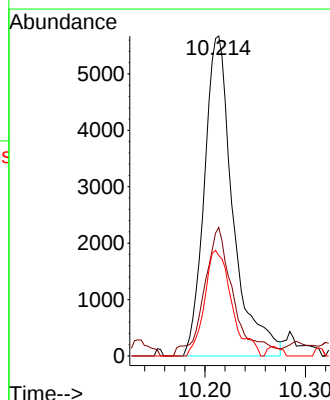
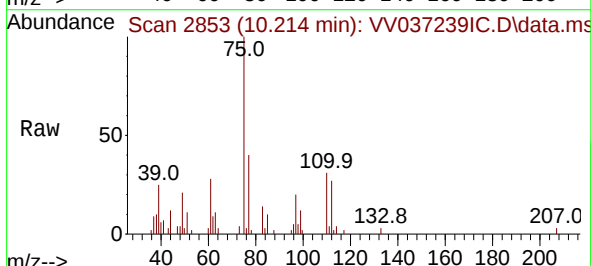
RT: 10.214 min Scan# 2853

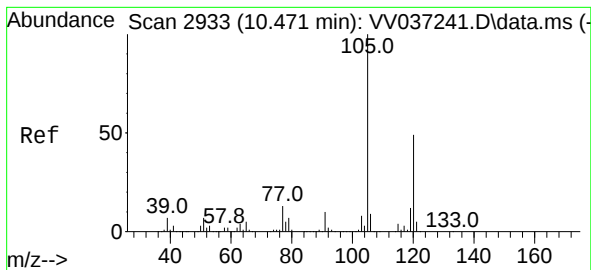
Delta R.T. 0.007 min

Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

Tgt Ion: 75	Resp:	11237
Ion Ratio	Lower	Upper
75	100	
77	41.1	25.6 38.4
110	31.2	31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 0.485 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

Instrument :

MSVOA_V

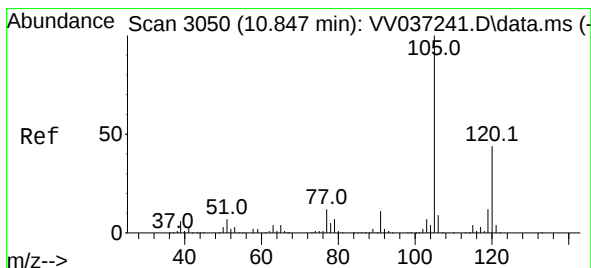
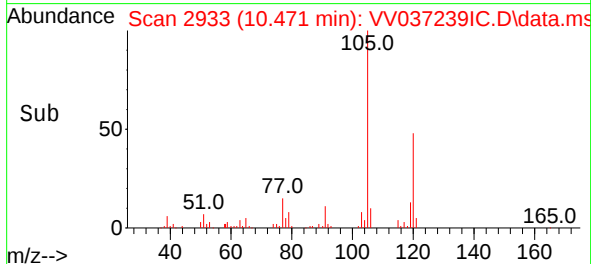
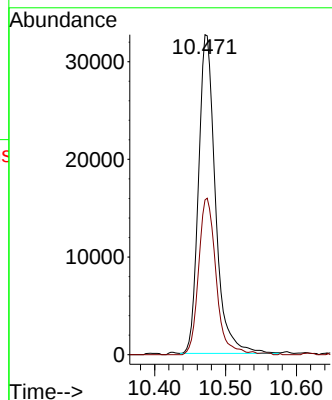
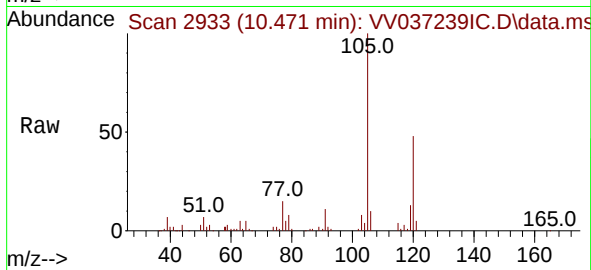
ClientSampleId :

Tgt Ion:105 Resp: 54269

Ion Ratio Lower Upper

105 100

120 50.4 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 0.475 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV037239IC.D

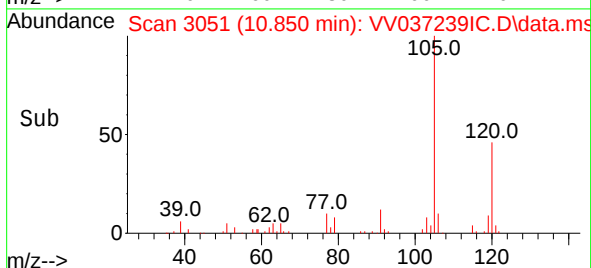
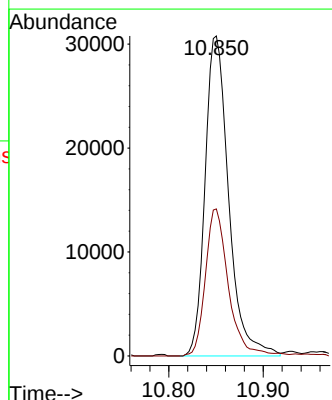
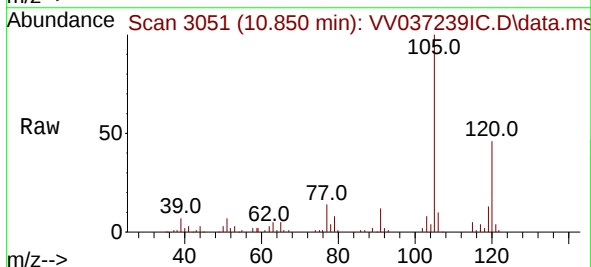
Acq: 10 Sep 2024 08:43

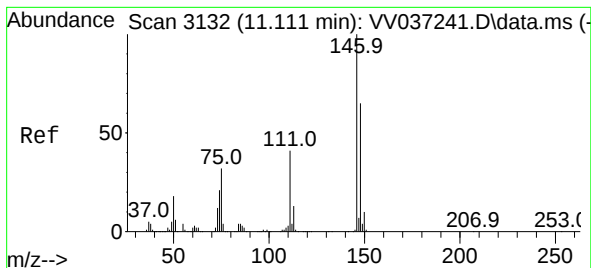
Tgt Ion:105 Resp: 53385

Ion Ratio Lower Upper

105 100

120 44.8 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 0.540 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.007 min

Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

Instrument :

MSVOA_V

ClientSampleId :

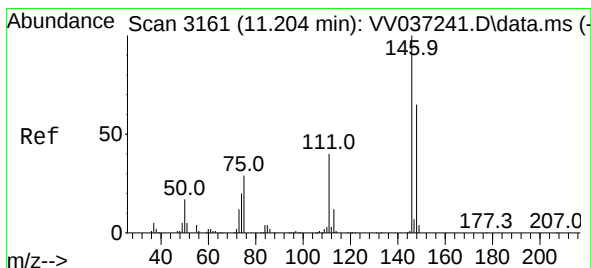
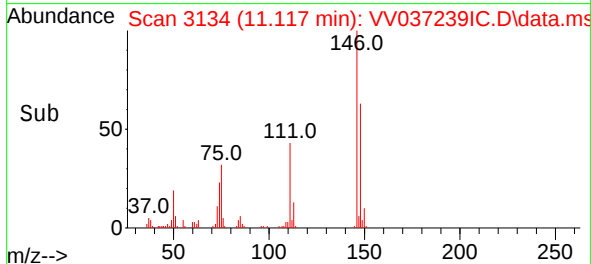
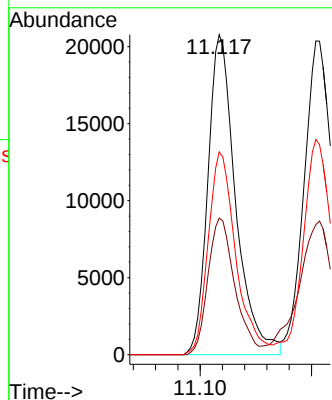
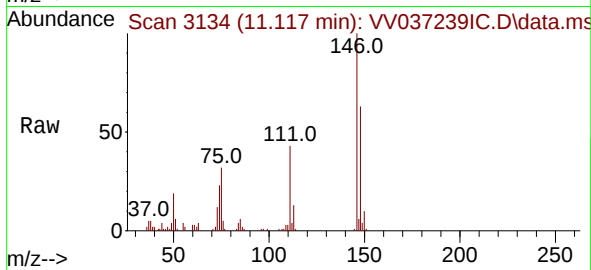
Tgt Ion:146 Resp: 35995

Ion Ratio Lower Upper

146 100

111 42.7 28.8 53.4

148 63.4 45.6 84.6



#65

1,4-Dichlorobenzene

Concen: 0.565 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

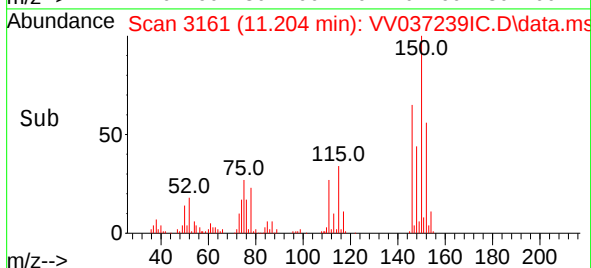
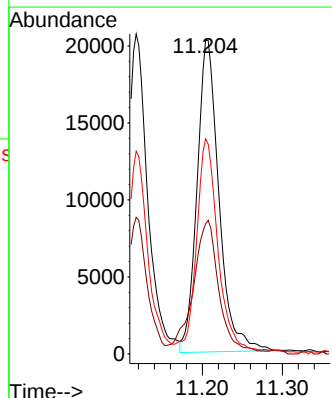
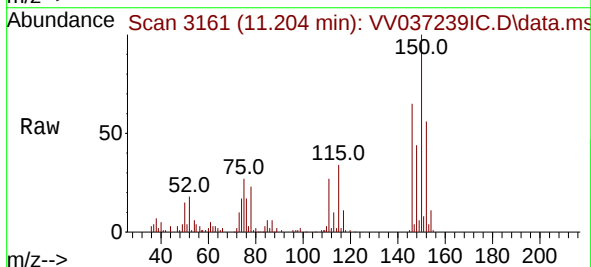
Tgt Ion:146 Resp: 38642

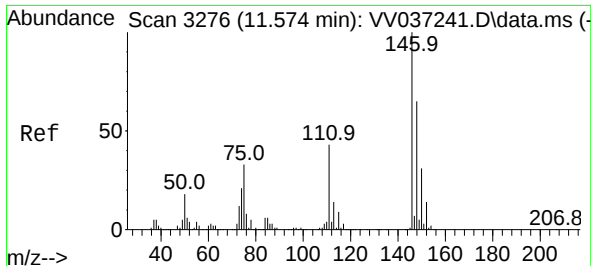
Ion Ratio Lower Upper

146 100

111 41.5 28.2 52.4

148 68.6 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 0.539 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

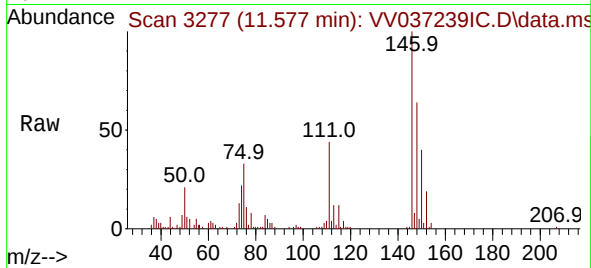
Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

Instrument :

MSVOA_V

ClientSampleId :



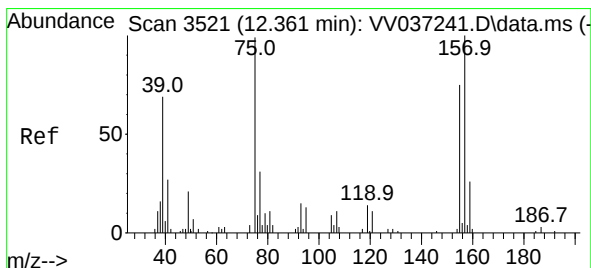
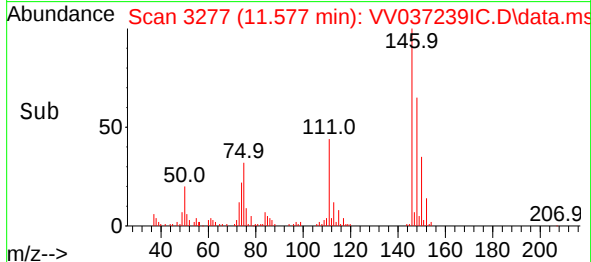
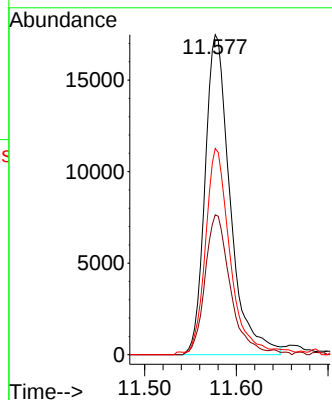
Tgt Ion:146 Resp: 33314

Ion Ratio Lower Upper

146 100

111 43.7 34.4 51.6

148 64.5 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 0.419 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. 0.013 min

Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

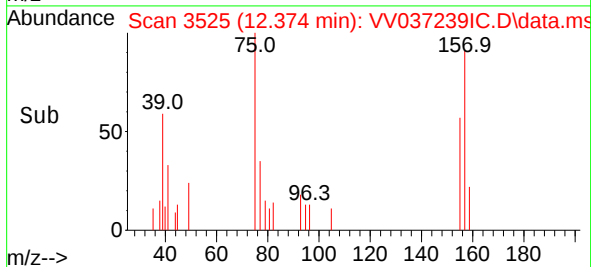
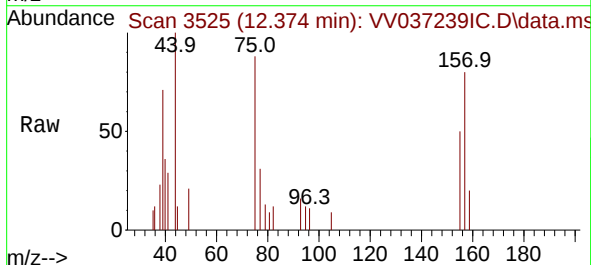
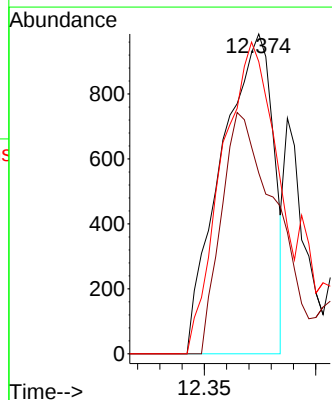
Tgt Ion: 75 Resp: 1605

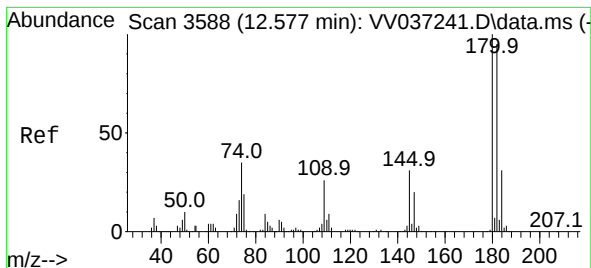
Ion Ratio Lower Upper

75 100

155 56.5 60.6 90.8#

157 91.4 81.1 121.7





#69

1,3,5-Trichlorobenzene

Concen: 0.519 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.003 min

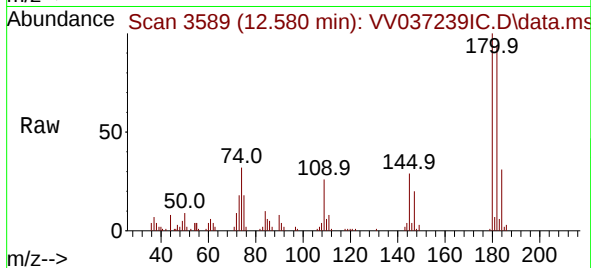
Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 24666

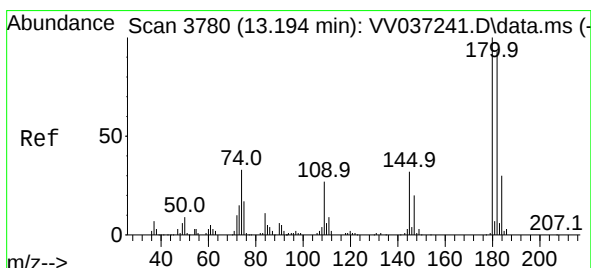
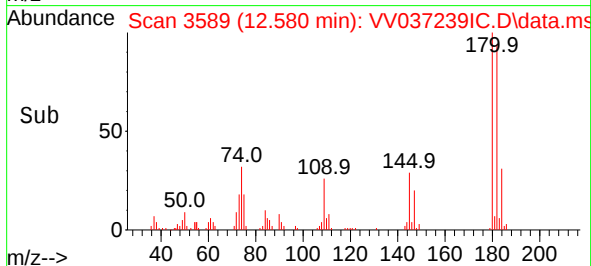
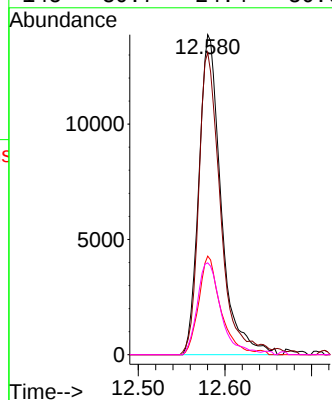
Ion Ratio Lower Upper

180 100

182 92.5 74.3 111.5

184 30.5 24.3 36.5

145 30.7 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 0.471 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

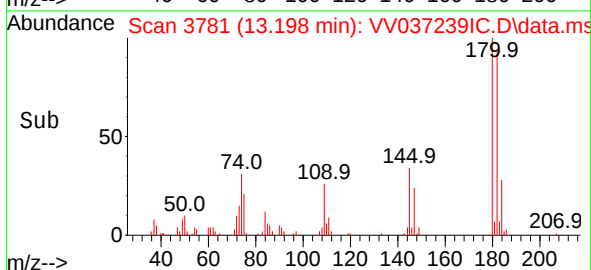
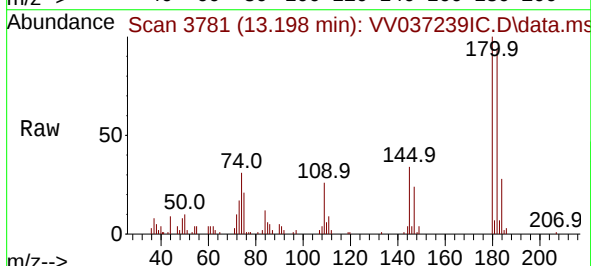
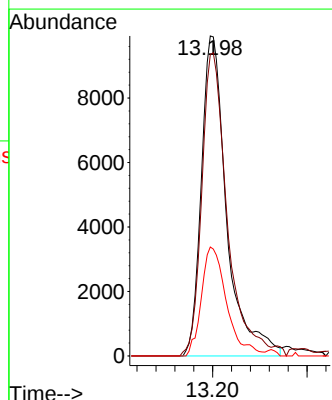
Tgt Ion:180 Resp: 18433

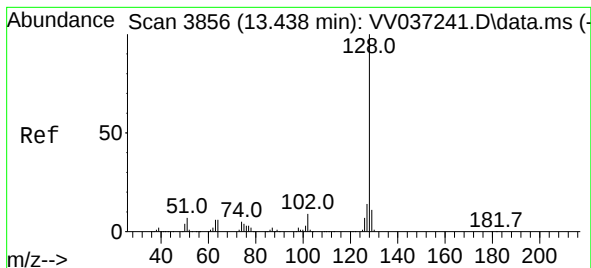
Ion Ratio Lower Upper

180 100

182 94.8 75.4 113.0

145 34.0 25.8 38.6





#71

Naphthalene

Concen: 0.412 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.010 min

Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

Instrument :

MSVOA_V

ClientSampleId :

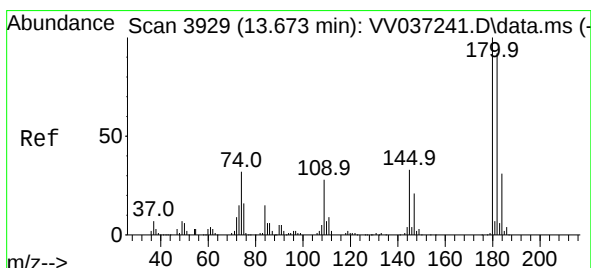
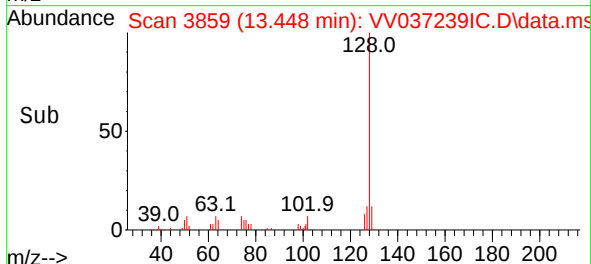
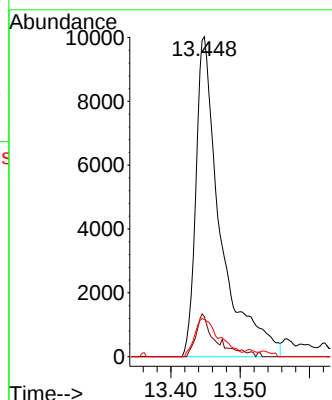
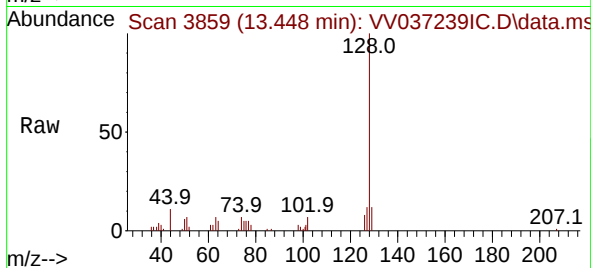
Tgt Ion:128 Resp: 24645

Ion Ratio Lower Upper

128 100

129 10.4 8.6 12.8

127 12.3 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 0.455 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.007 min

Lab File: VV037239IC.D

Acq: 10 Sep 2024 08:43

Tgt Ion:180 Resp: 14728

Ion Ratio Lower Upper

180 100

182 93.8 73.4 110.0

145 33.2 27.2 40.8

