

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051524\
 Data File : VV035611.D
 Acq On : 14 May 2024 15:50
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 15 02:40:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 02:29:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	258222	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	262254	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	138535	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	84425	5.155	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.000%
7) Chloroethane-d5	1.532	69	73774	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.056	65	37693	5.181	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.600%
20) 2-Butanone-d5	3.895	46	7859	2.059	ug/L	0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	4.120%#
24) Chloroform-d	4.249	84	169923	4.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	4.947	65	79592	4.994	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	4.960	84	318966	5.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
36) 1,2-Dichloropropane-d6	5.989	67	98044	5.147	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.243	98	295469	5.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.400%
43) trans-1,3-Dichloroprop...	7.558	79	28438	4.292	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.030	63	92252	30.774	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	61.540%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	73196	4.743	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	107238	5.005	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	98325	4.752	ug/L	98
3) Chloromethane	1.217	50	109794	4.703	ug/L	98
5) Vinyl chloride	1.281	62	110412	4.710	ug/L	98
6) Bromomethane	1.487	94	70034	4.423	ug/L	98
8) Chloroethane	1.548	64	71675	4.727	ug/L	99
9) Trichlorofluoromethane	1.712	101	144028	4.755	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	84938	4.460	ug/L	99
12) 1,1-Dichloroethene	2.069	96	84112	4.626	ug/L	98
13) Acetone	2.156	43	122573	40.447	ug/L	61
14) Carbon disulfide	2.240	76	241420	4.772	ug/L	100
15) Methyl Acetate	2.387	43	70362	10.117	ug/L	90
16) Methylene chloride	2.445	84	137624	5.374	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	203643	4.852	ug/L	100
18) trans-1,2-Dichloroethene	2.693	96	89918	4.762	ug/L	99
19) 1,1-Dichloroethane	3.111	63	182775	4.859	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	97282	4.893	ug/L	96
23) Bromochloromethane	4.149	128	45851	4.745	ug/L	96
25) Chloroform	4.275	83	189646	4.821	ug/L	98
27) 1,2-Dichloroethane	5.043	62	105410	4.828	ug/L	98

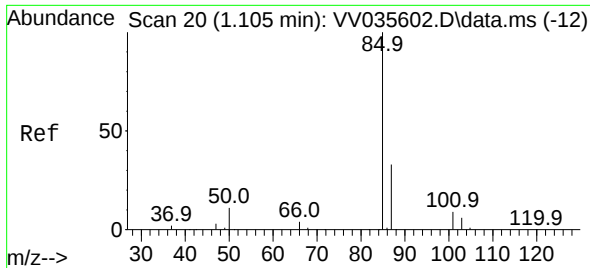
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051524\
 Data File : VV035611.D
 Acq On : 14 May 2024 15:50
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 15 02:40:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 02:29:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.510	97	156277	4.921	ug/L	99
30) Cyclohexane	4.580	56	111778	4.871	ug/L	99
31) Carbon tetrachloride	4.731	117	138151	4.998	ug/L	98
33) Benzene	5.008	78	376667	5.221	ug/L	100
34) Trichloroethene	5.831	95	105232	5.086	ug/L	99
35) Methylcyclohexane	6.047	83	123469	4.613	ug/L	99
37) 1,2-Dichloropropane	6.092	63	99454	5.141	ug/L	100
38) Bromodichloromethane	6.432	83	130254	4.989	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	103356	4.000	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	442009	48.083	ug/L	98
42) Toluene	7.313	91	398940	5.305	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	89554	4.111	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	75354	4.973	ug/L	98
47) Tetrachloroethene	7.902	164	78805	4.827	ug/L	96
48) 2-Hexanone	8.079	43	230692	34.129	ug/L	98
49) Dibromochloromethane	8.175	129	85262	5.090	ug/L	99
50) 1,2-Dibromoethane	8.281	107	71831	5.100	ug/L	98
51) Chlorobenzene	8.812	112	263709	5.048	ug/L	99
52) Ethylbenzene	8.943	91	401792	5.118	ug/L	99
53) m,p-Xylene	9.072	106	152918	5.113	ug/L	97
54) o-Xylene	9.477	106	150475	5.316	ug/L	99
55) Styrene	9.493	104	270395	5.484	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	75294	4.649	ug/L	98
59) Bromoform	9.664	173	48424	4.858	ug/L	99
60) Isopropylbenzene	9.863	105	398491	5.072	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	63344	4.903	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	304650	4.929	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	305185	4.990	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	212970	5.035	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	214670	4.934	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	200478	4.962	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	13196	4.793	ug/L	93
69) 1,3,5-Trichlorobenzene	12.580	180	147656	4.615	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	119096	4.691	ug/L	99
71) Naphthalene	13.438	128	169911	4.655	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	113232	4.823	ug/L	99

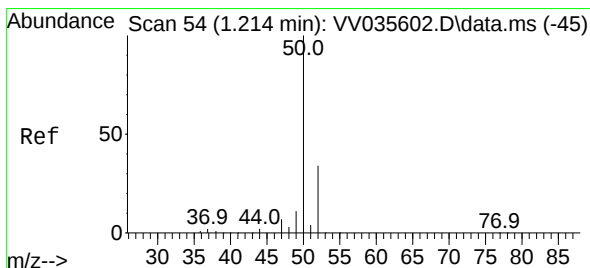
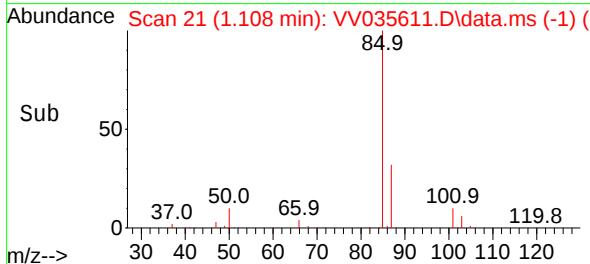
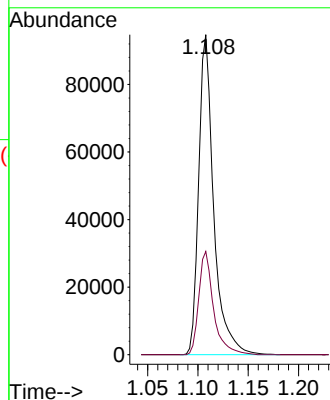
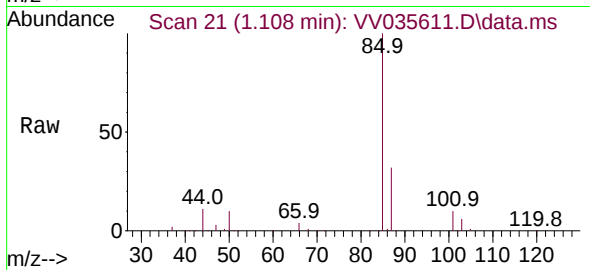
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.752 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV035611.D
 Acq: 14 May 2024 15:50

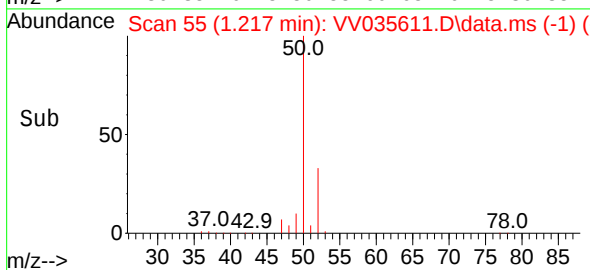
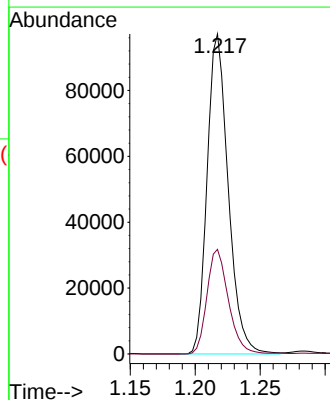
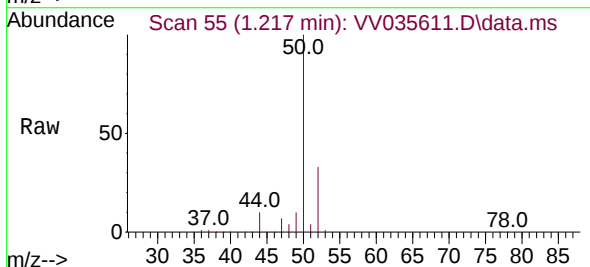
Instrument :
 MSVOA_V
 ClientSampleId :

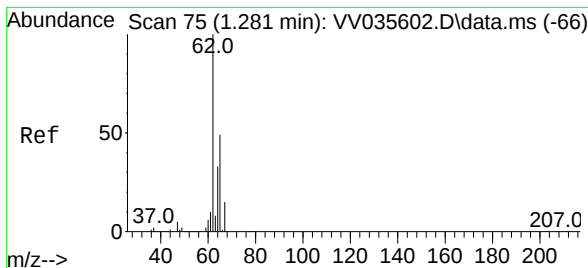
Tgt Ion: 85 Resp: 98325
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.4 39.6



#3
 Chloromethane
 Concen: 4.703 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV035611.D
 Acq: 14 May 2024 15:50

Tgt Ion: 50 Resp: 109794
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.7 43.9





#5

Vinyl chloride

Concen: 4.710 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

Instrument :

MSVOA_V

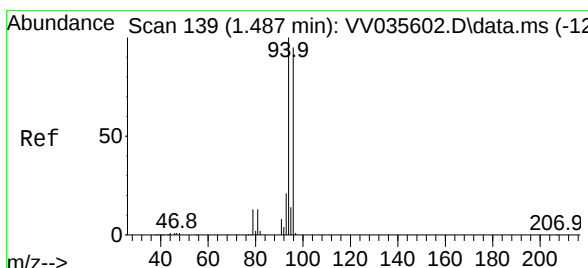
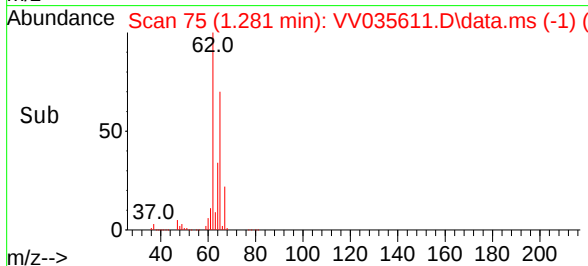
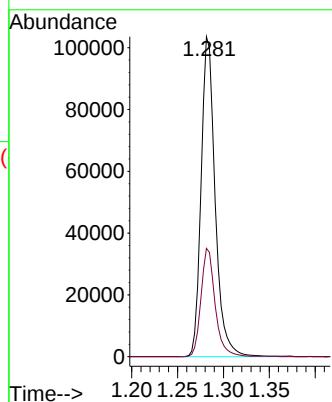
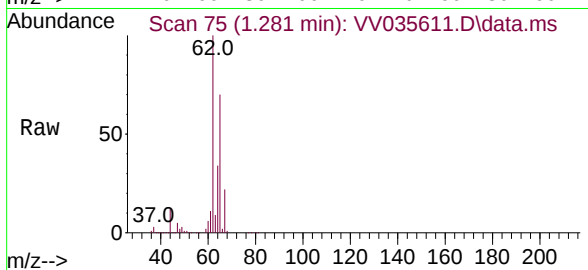
ClientSampleId :

Tgt Ion: 62 Resp: 110412

Ion Ratio Lower Upper

62 100

64 33.9 22.9 42.5



#6

Bromomethane

Concen: 4.423 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV035611.D

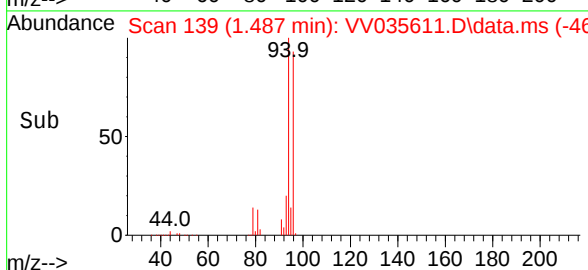
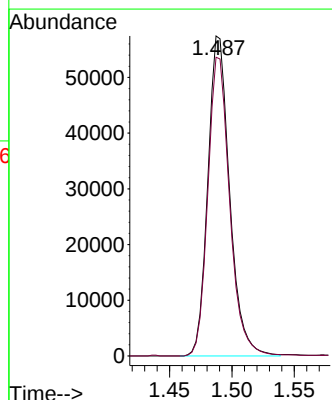
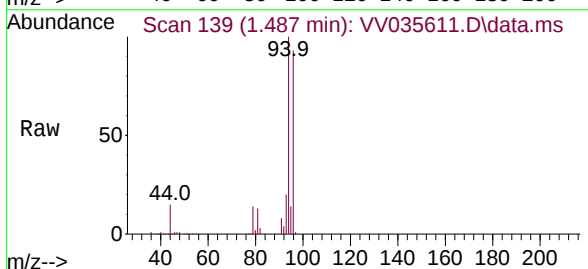
Acq: 14 May 2024 15:50

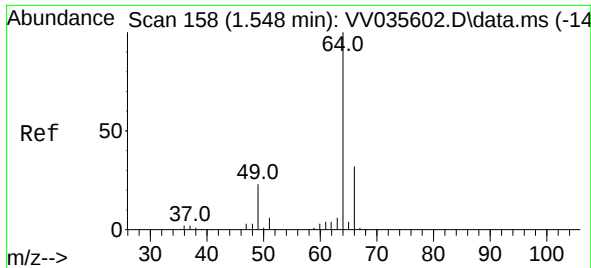
Tgt Ion: 94 Resp: 70034

Ion Ratio Lower Upper

94 100

96 93.3 66.4 123.4

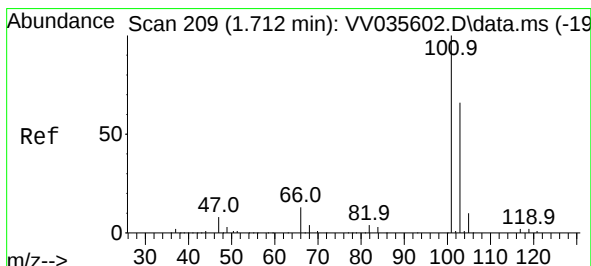
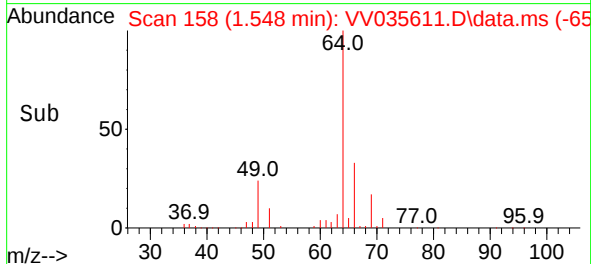
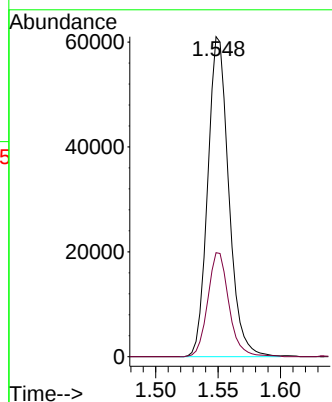
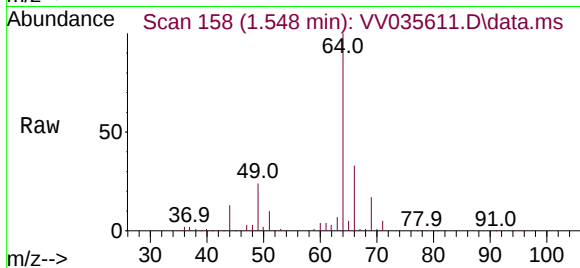




#8
Chloroethane
Concen: 4.727 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035611.D
Acq: 14 May 2024 15:50

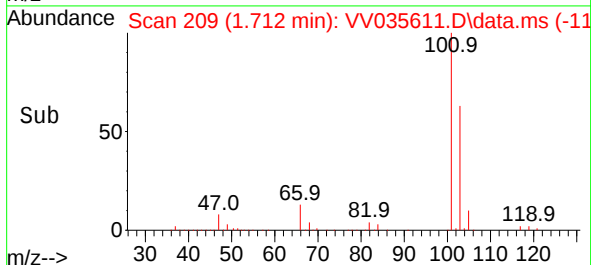
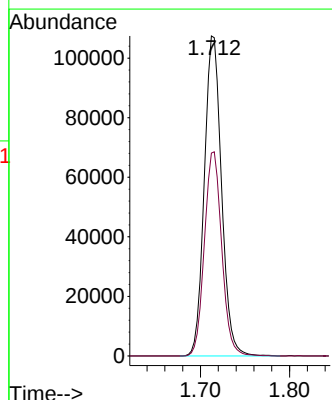
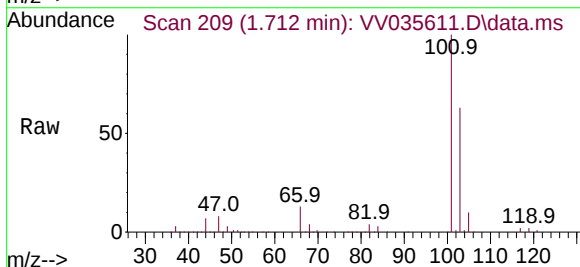
Instrument :
MSVOA_V
ClientSampleId :

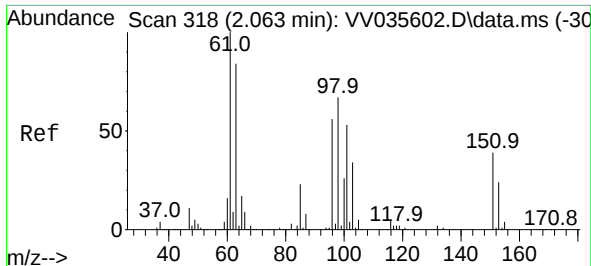
Tgt Ion: 64 Resp: 71675
Ion Ratio Lower Upper
64 100
66 32.5 22.3 41.3



#9
Trichlorofluoromethane
Concen: 4.755 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV035611.D
Acq: 14 May 2024 15:50

Tgt Ion:101 Resp: 144028
Ion Ratio Lower Upper
101 100
103 64.2 52.8 79.2





#10

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

Concen: 4.460 ug/L

RT: 2.066 min Scan# 318

Delta R.T. 0.003 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

Instrument :

MSVOA_V

ClientSampleId :

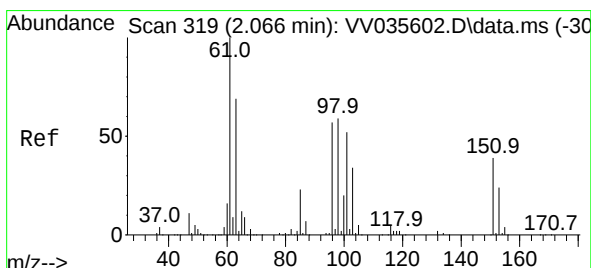
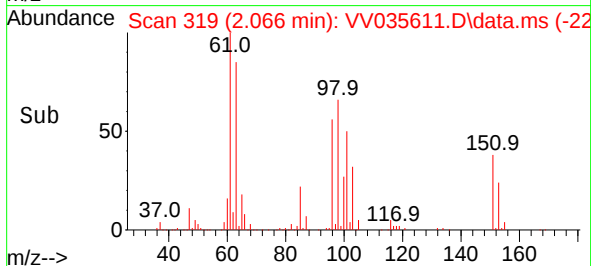
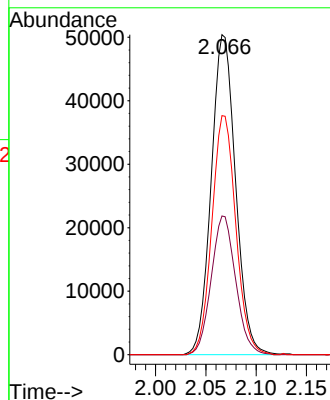
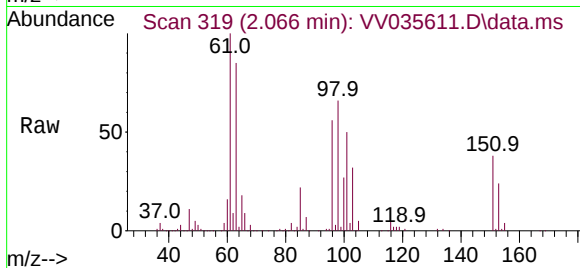
Tgt Ion:101 Resp: 84938

Ion Ratio Lower Upper

101 100

85 43.4 34.6 51.8

151 73.5 59.3 88.9



#12

1,1-Dichloroethene

Concen: 4.626 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.003 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

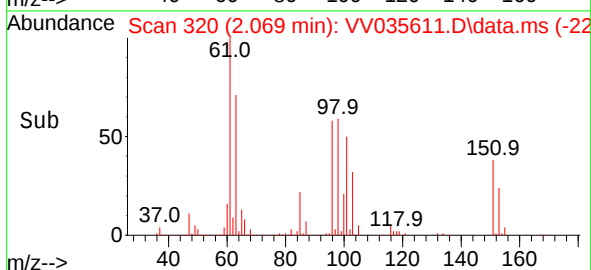
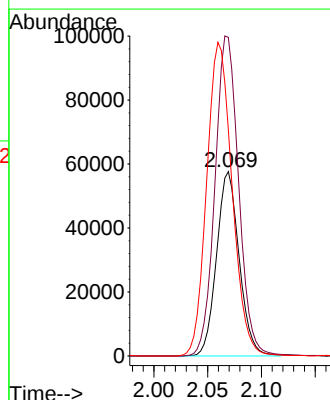
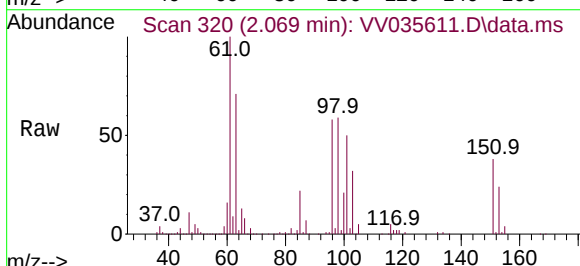
Tgt Ion: 96 Resp: 84112

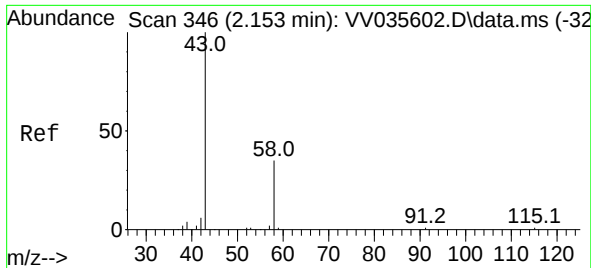
Ion Ratio Lower Upper

96 100

61 172.9 122.8 228.1

63 122.7 85.1 158.1





#13

Acetone

Concen: 40.447 ug/L

RT: 2.156 min Scan# 346

Delta R.T. 0.003 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

Instrument :

MSVOA_V

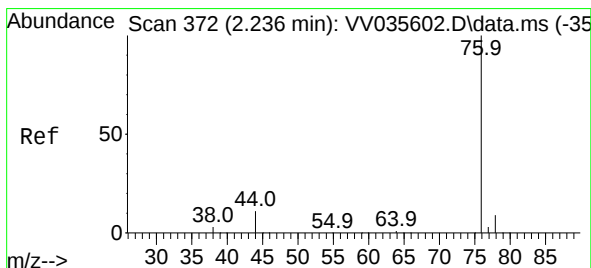
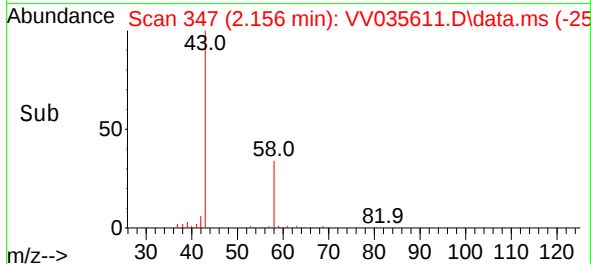
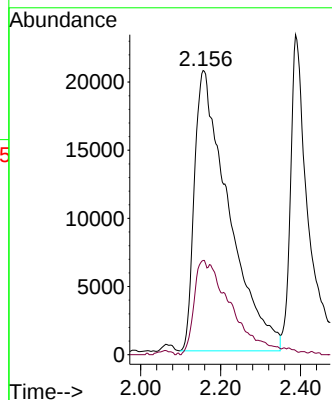
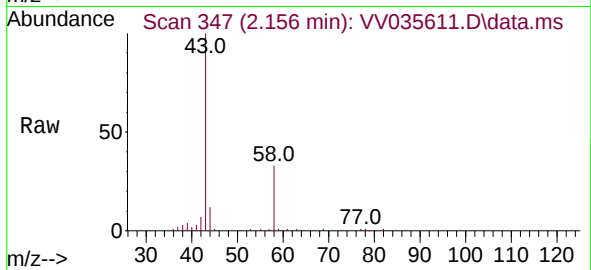
ClientSampleId :

Tgt Ion: 43 Resp: 122573

Ion Ratio Lower Upper

43 100

58 12.4 0.0 69.2



#14

Carbon disulfide

Concen: 4.772 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV035611.D

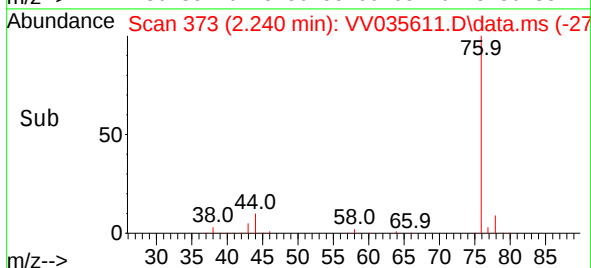
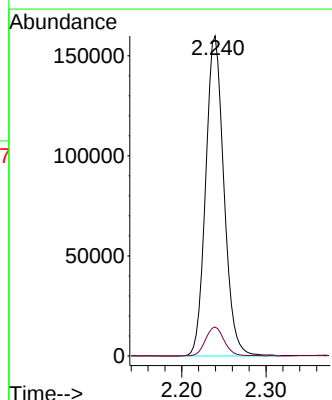
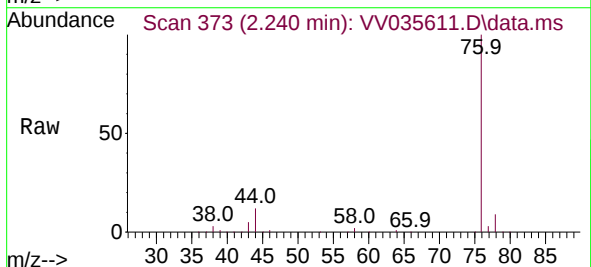
Acq: 14 May 2024 15:50

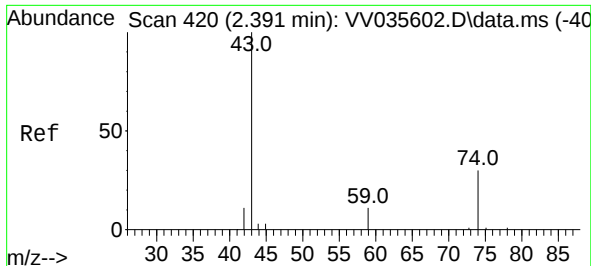
Tgt Ion: 76 Resp: 241420

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





#15

Methyl Acetate

Concen: 10.117 ug/L

RT: 2.387 min Scan# 419

Delta R.T. -0.003 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

Instrument :

MSVOA_V

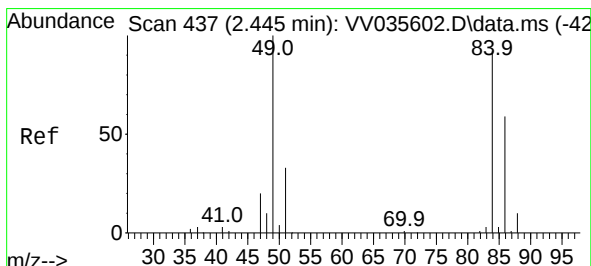
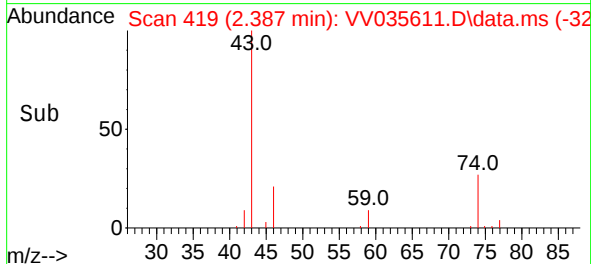
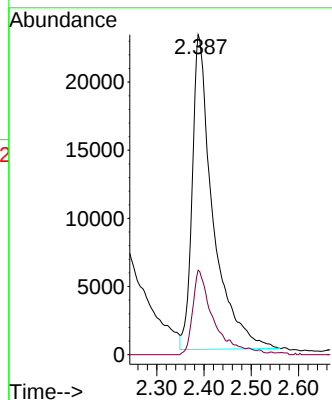
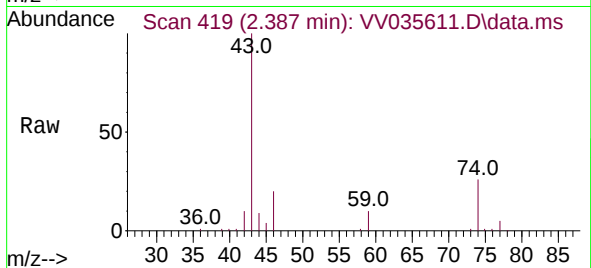
ClientSampleId :

Tgt Ion: 43 Resp: 70362

Ion Ratio Lower Upper

43 100

74 23.5 23.2 34.8



#16

Methylene chloride

Concen: 5.374 ug/L

RT: 2.445 min Scan# 437

Delta R.T. -0.000 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

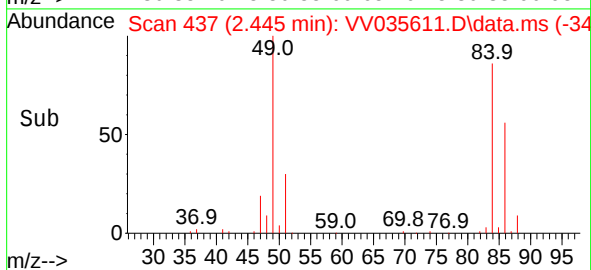
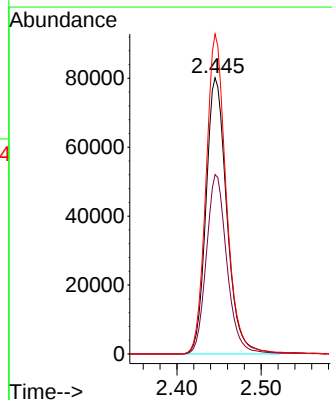
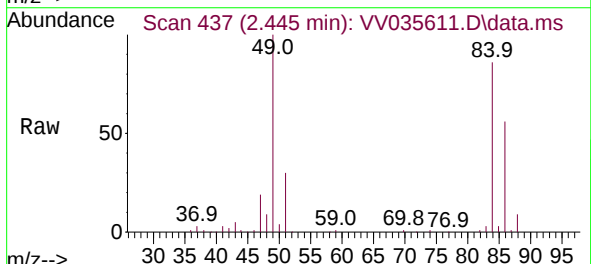
Tgt Ion: 84 Resp: 137624

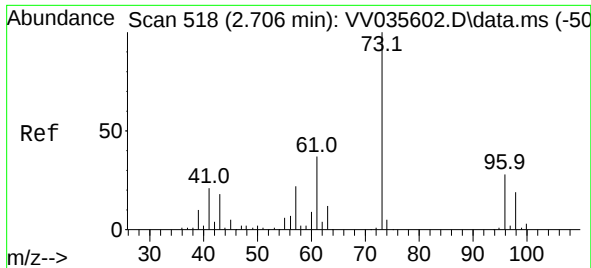
Ion Ratio Lower Upper

84 100

86 65.0 44.9 83.5

49 115.9 75.8 140.8





#17

Methyl tert-butyl Ether

Concen: 4.852 ug/L

RT: 2.706 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

Instrument :

MSVOA_V

ClientSampleId :

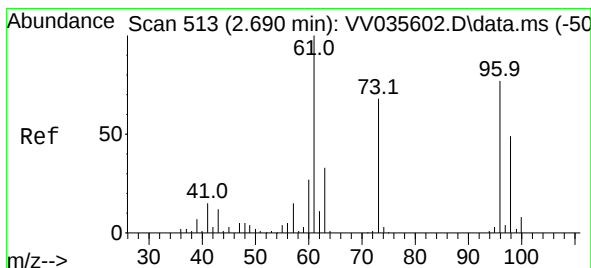
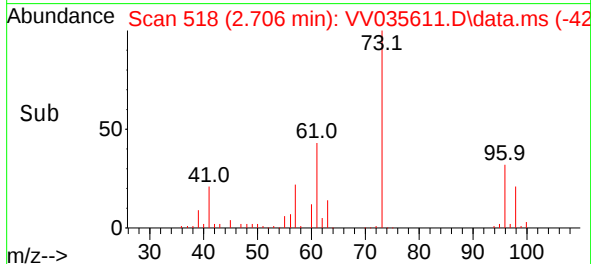
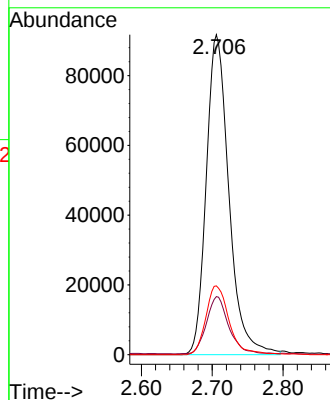
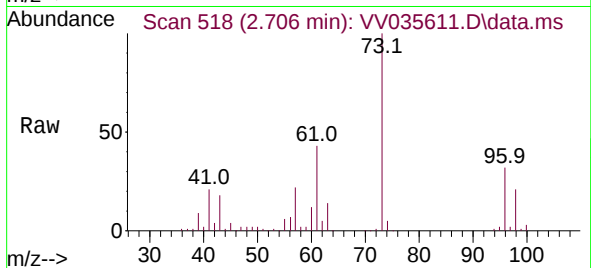
Tgt Ion: 73 Resp: 203643

Ion Ratio Lower Upper

73 100

43 17.4 13.8 20.8

57 22.1 17.7 26.5



#18

trans-1,2-Dichloroethene

Concen: 4.762 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.003 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

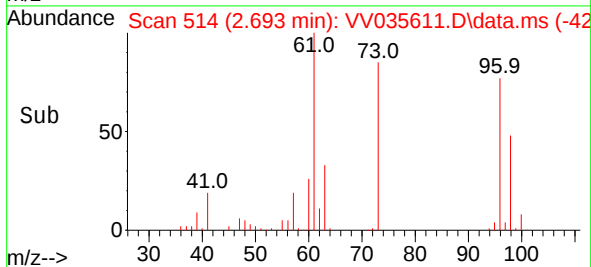
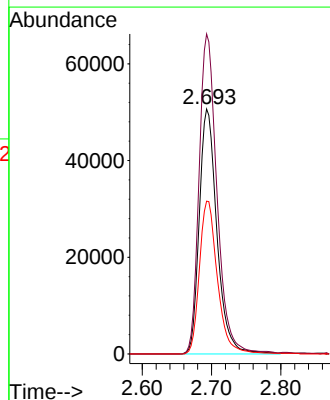
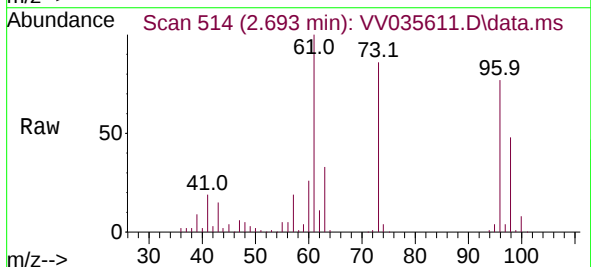
Tgt Ion: 96 Resp: 89918

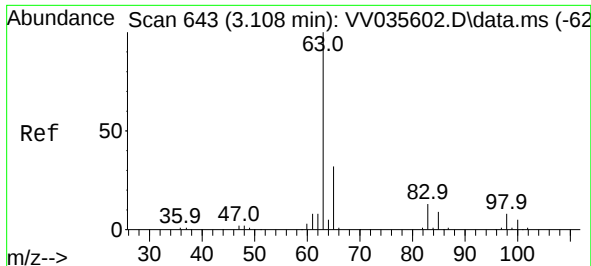
Ion Ratio Lower Upper

96 100

61 130.6 91.1 169.3

98 62.4 44.7 83.1





#19

1,1-Dichloroethane

Concen: 4.859 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

Instrument :

MSVOA_V

ClientSampleId :

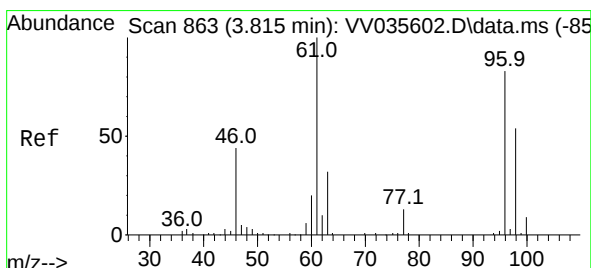
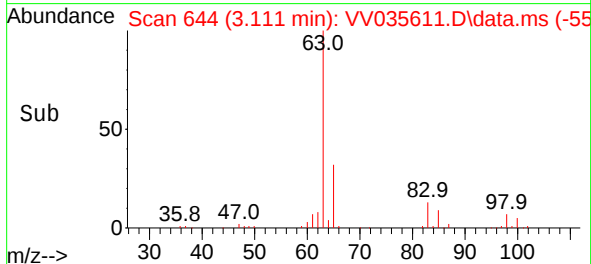
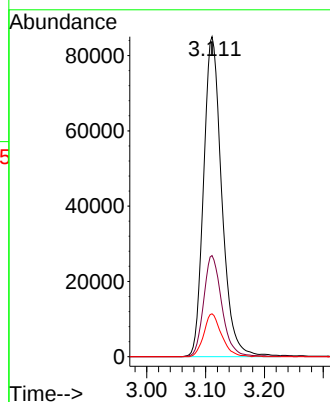
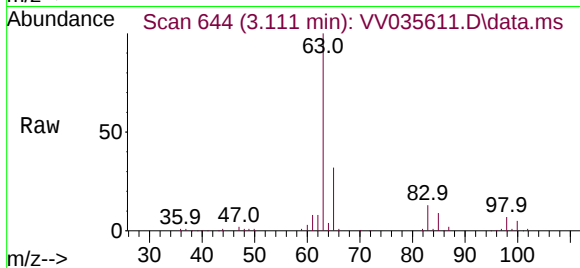
Tgt Ion: 63 Resp: 182775

Ion Ratio Lower Upper

63 100

65 31.6 22.5 41.9

83 13.4 9.2 17.0



#22

cis-1,2-Dichloroethene

Concen: 4.893 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.003 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

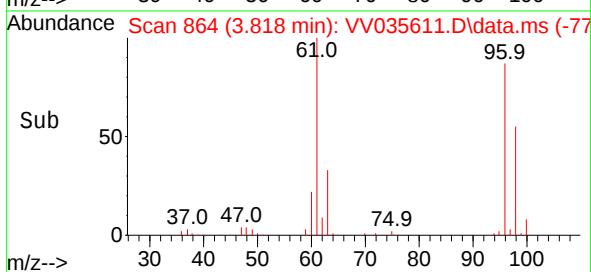
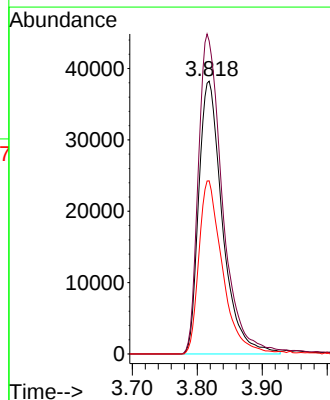
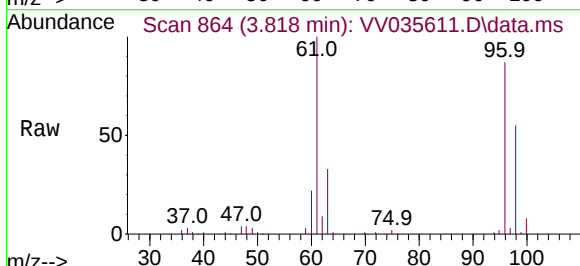
Tgt Ion: 96 Resp: 97282

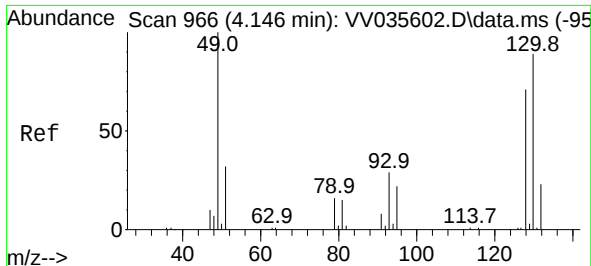
Ion Ratio Lower Upper

96 100

61 114.8 84.3 156.5

98 63.5 45.6 84.6





#23

Bromochloromethane

Concen: 4.745 ug/L

RT: 4.149 min Scan# 9

Delta R.T. 0.003 min

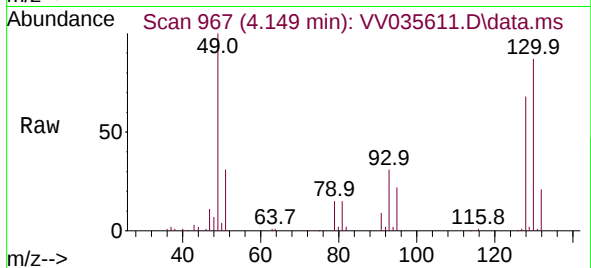
Lab File: VV035611.D

Acq: 14 May 2024 15:50

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 45851

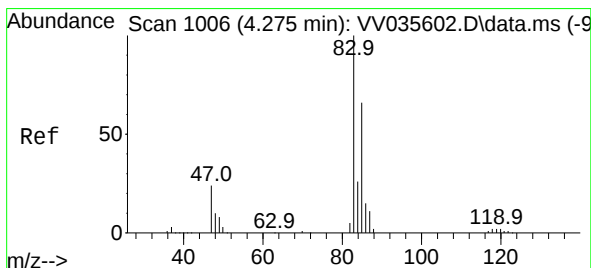
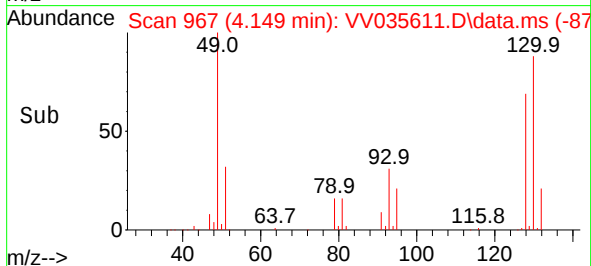
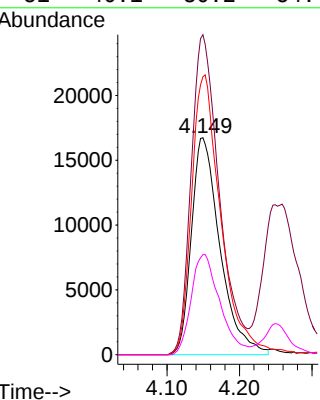
Ion Ratio Lower Upper

128 100

49 147.4 98.6 183.0

130 128.1 87.6 162.8

51 46.1 36.2 54.4



#25

Chloroform

Concen: 4.821 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VV035611.D

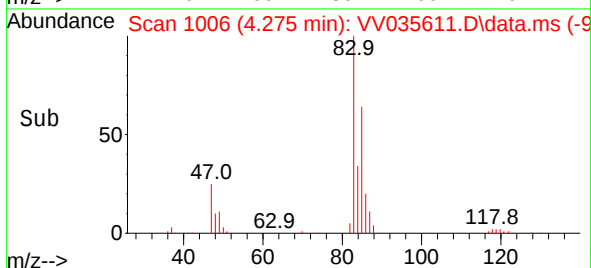
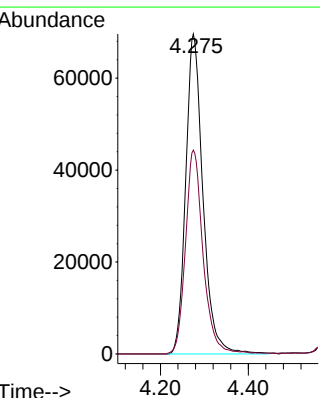
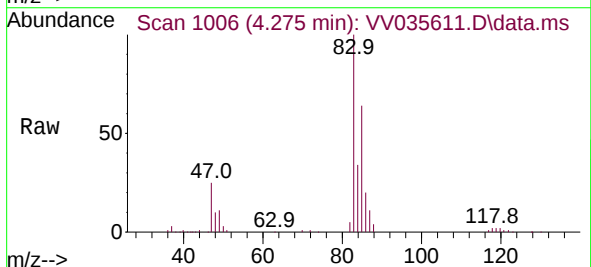
Acq: 14 May 2024 15:50

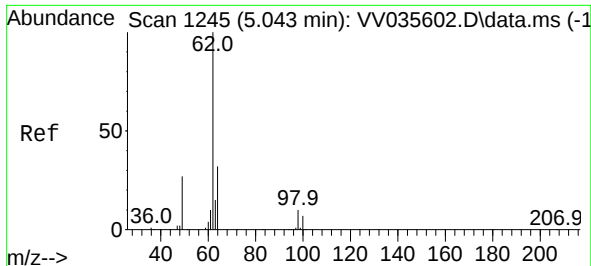
Tgt Ion: 83 Resp: 189646

Ion Ratio Lower Upper

83 100

85 63.7 45.9 85.3





#27

1,2-Dichloroethane

Concen: 4.828 ug/L

RT: 5.043 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

Instrument :

MSVOA_V

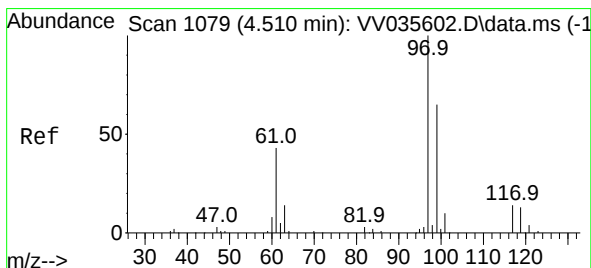
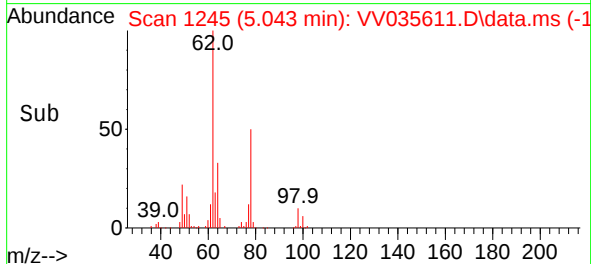
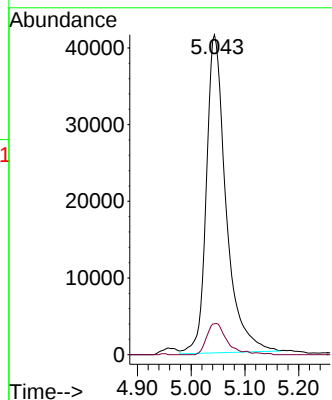
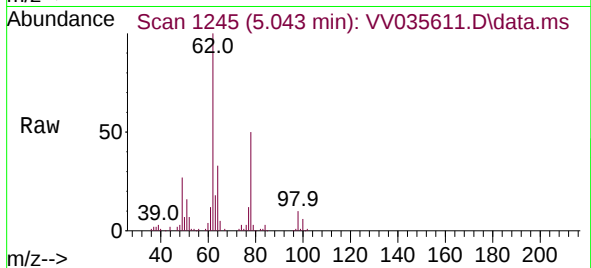
ClientSampleId :

Tgt Ion: 62 Resp: 105410

Ion Ratio Lower Upper

62 100

98 9.6 8.2 12.4



#29

1,1,1-Trichloroethane

Concen: 4.921 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

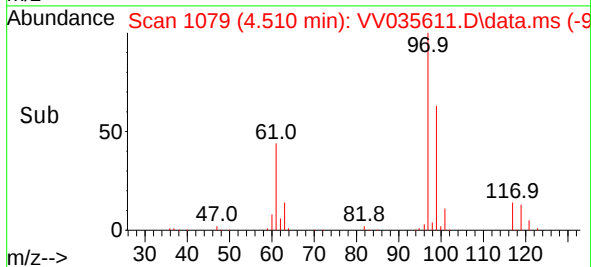
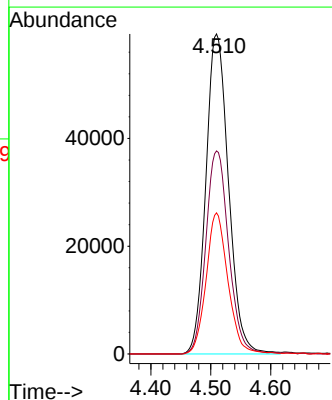
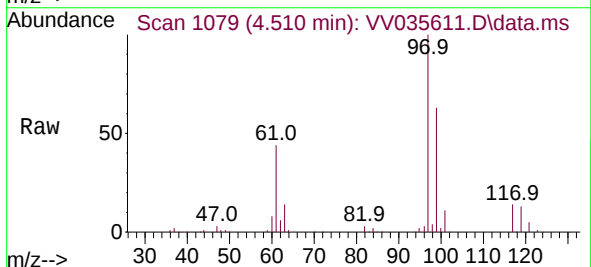
Tgt Ion: 97 Resp: 156277

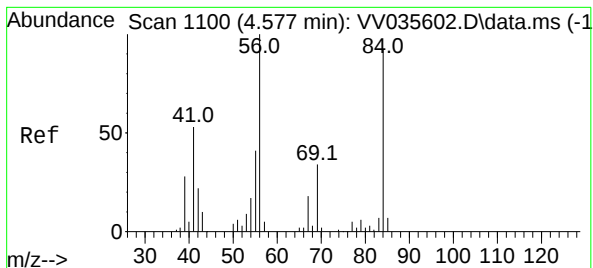
Ion Ratio Lower Upper

97 100

99 63.8 52.4 78.6

61 42.6 33.9 50.9





#30

Cyclohexane

Concen: 4.871 ug/L

RT: 4.580 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

Instrument :

MSVOA_V

ClientSampleId :

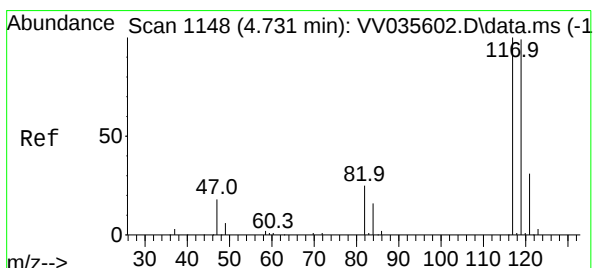
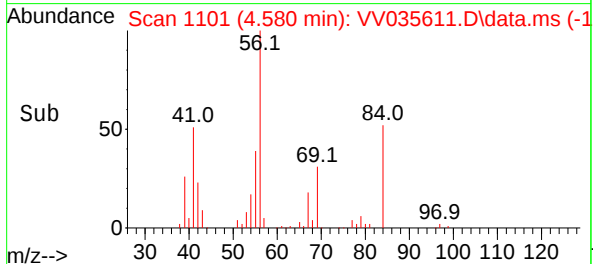
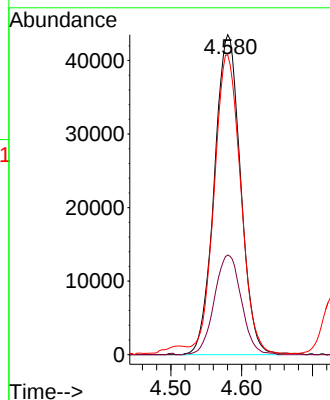
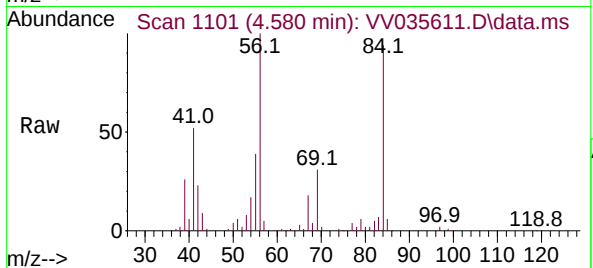
Tgt Ion: 56 Resp: 111778

Ion Ratio Lower Upper

56 100

69 32.0 26.4 39.6

84 94.5 75.0 112.6



#31

Carbon tetrachloride

Concen: 4.998 ug/L

RT: 4.731 min Scan# 1148

Delta R.T. 0.000 min

Lab File: VV035611.D

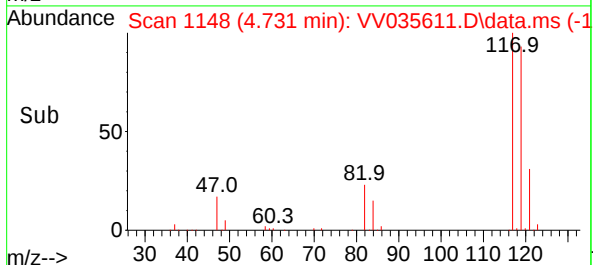
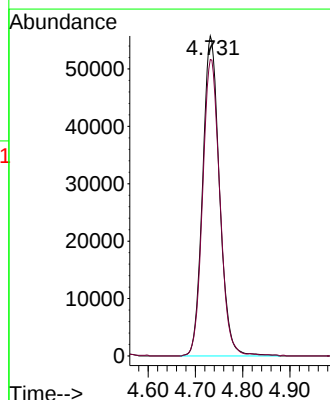
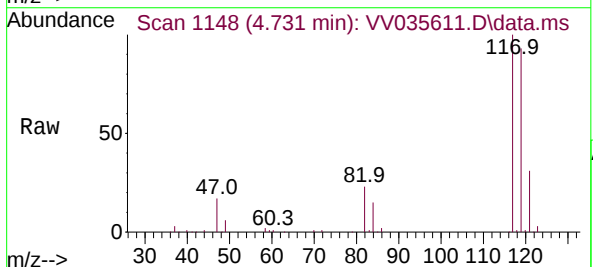
Acq: 14 May 2024 15:50

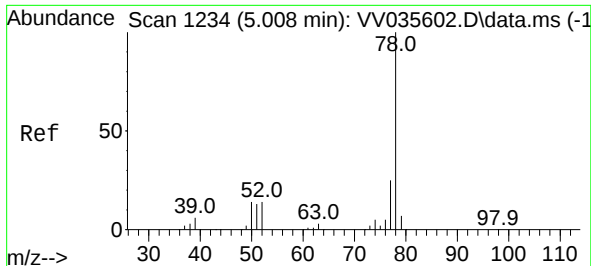
Tgt Ion: 117 Resp: 138151

Ion Ratio Lower Upper

117 100

119 94.2 77.2 115.8





#33

Benzene

Concen: 5.221 ug/L

RT: 5.008 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV035611.D

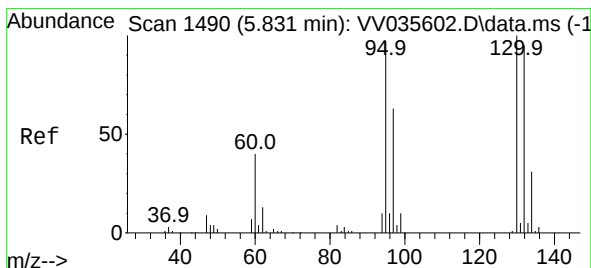
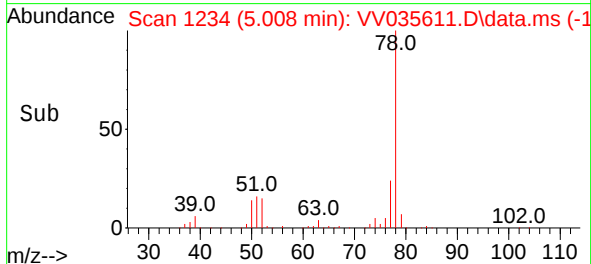
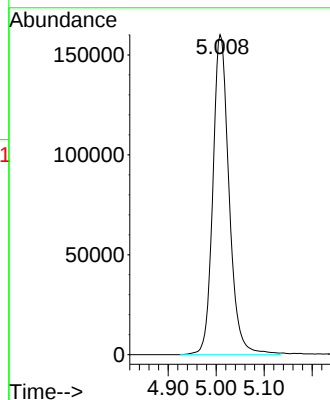
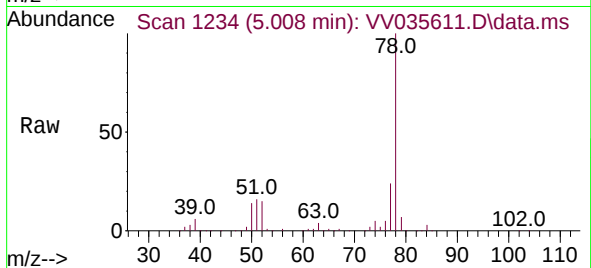
Acq: 14 May 2024 15:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 376667



#34

Trichloroethene

Concen: 5.086 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

Tgt Ion: 95 Resp: 105232

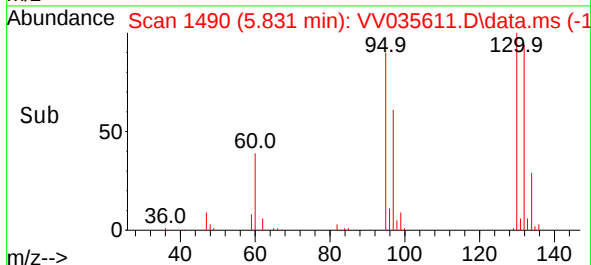
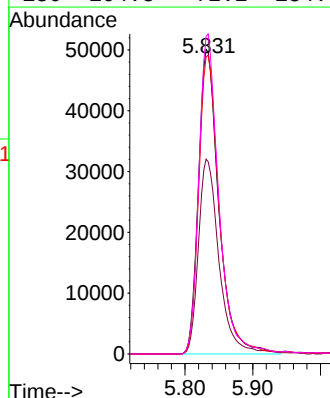
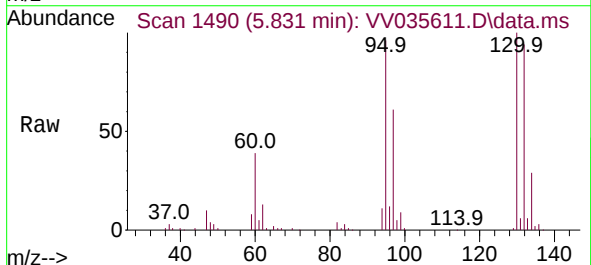
Ion Ratio Lower Upper

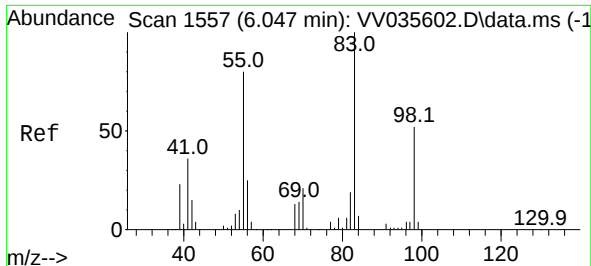
95 100

97 64.0 45.2 84.0

132 97.6 68.7 127.7

130 104.3 72.2 134.0





#35

Methylcyclohexane

Concen: 4.613 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

Instrument :

MSVOA_V

ClientSampleId :

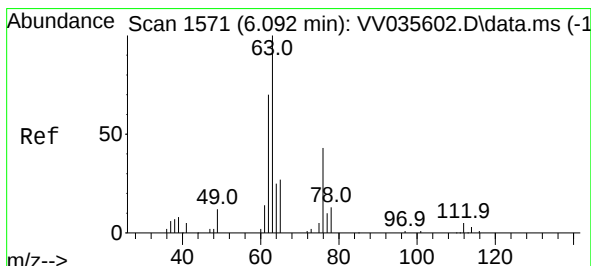
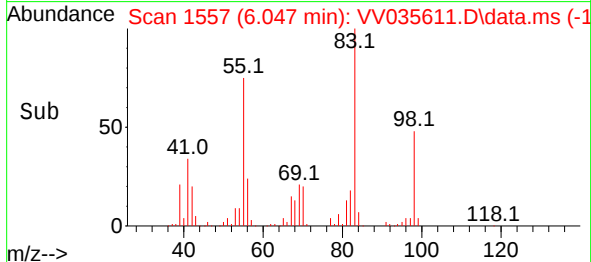
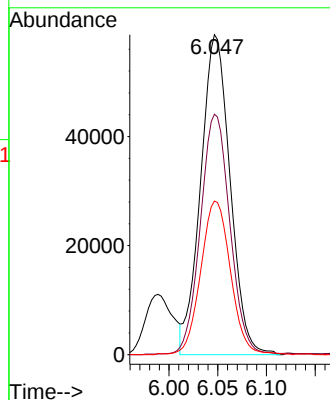
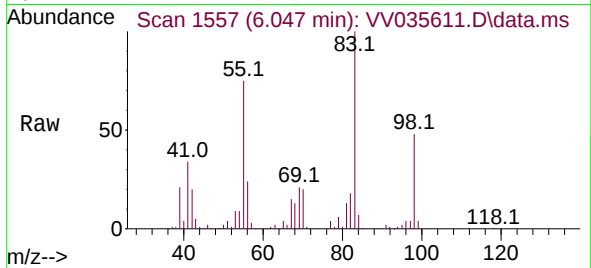
Tgt Ion: 83 Resp: 123469

Ion Ratio Lower Upper

83 100

55 75.5 60.7 91.1

98 48.5 38.4 57.6



#37

1,2-Dichloropropane

Concen: 5.141 ug/L

RT: 6.092 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VV035611.D

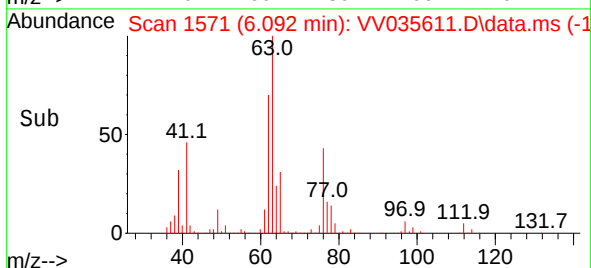
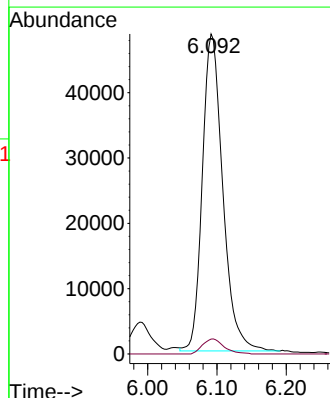
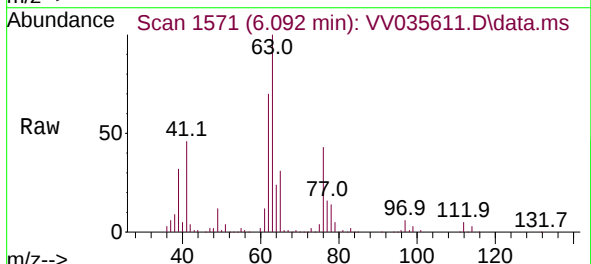
Acq: 14 May 2024 15:50

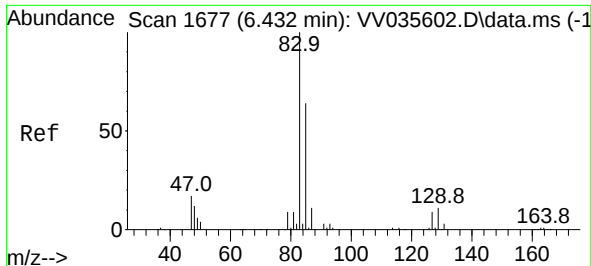
Tgt Ion: 63 Resp: 99454

Ion Ratio Lower Upper

63 100

112 5.0 3.9 5.9





#38

Bromodichloromethane

Concen: 4.989 ug/L

RT: 6.432 min Scan# 1

Delta R.T. 0.000 min

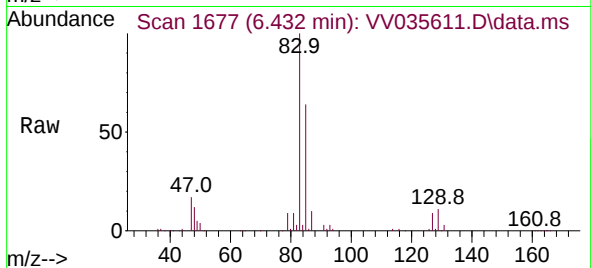
Lab File: VV035611.D

Acq: 14 May 2024 15:50

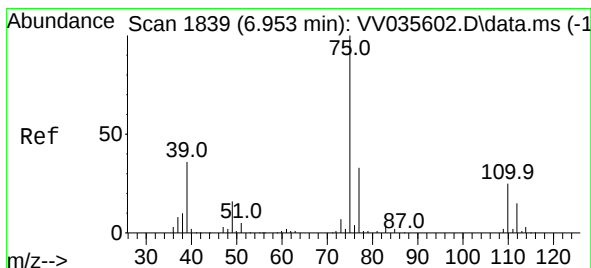
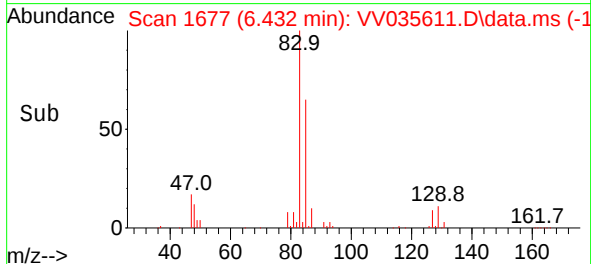
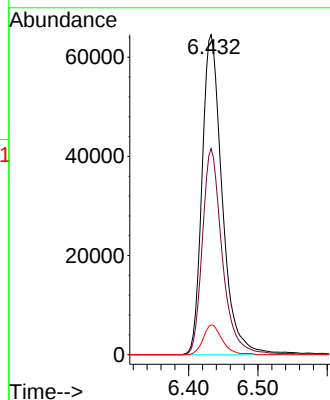
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	83	Resp:	130254
Ion	Ratio	Lower	Upper
83	100		
85	64.4	44.6	82.8
127	9.3	7.2	10.8



#39

cis-1,3-Dichloropropene

Concen: 4.000 ug/L

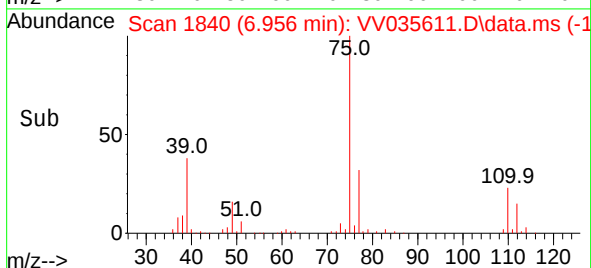
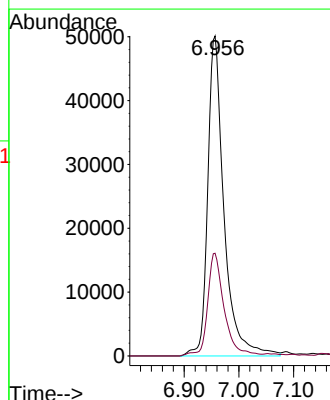
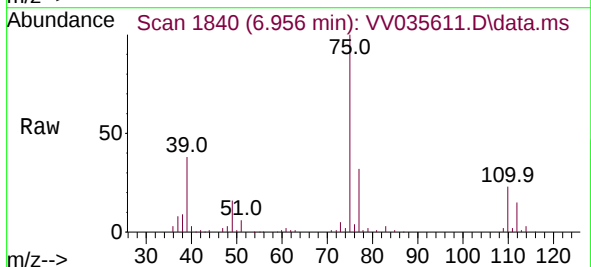
RT: 6.956 min Scan# 1840

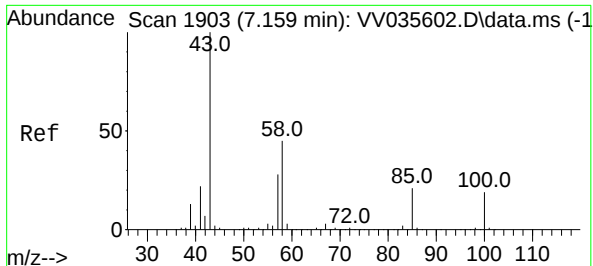
Delta R.T. 0.003 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

Tgt Ion:	75	Resp:	103356
Ion	Ratio	Lower	Upper
75	100		
77	32.1	23.0	42.8

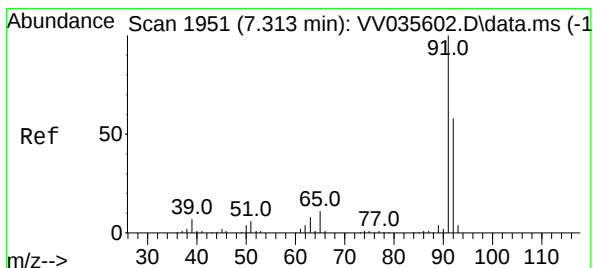
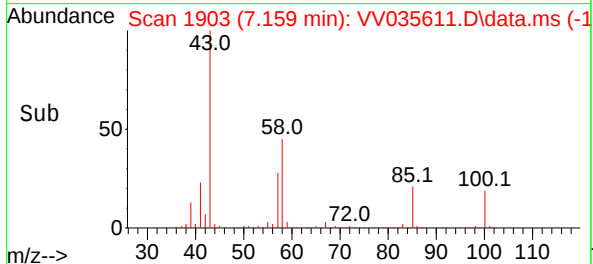
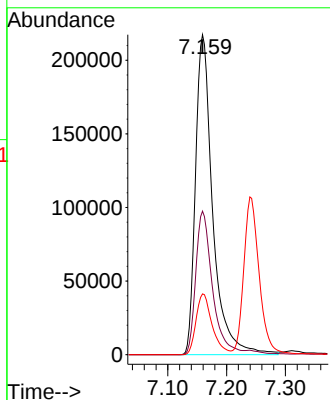
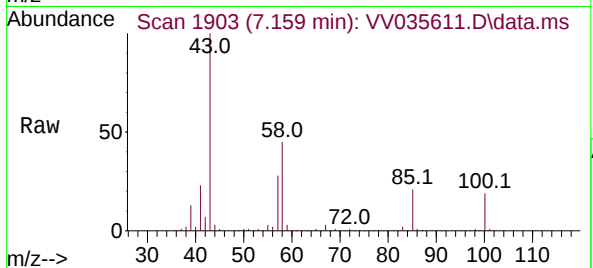




#40
4-Methyl-2-pentanone
Concen: 48.083 ug/L
RT: 7.159 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VV035611.D
Acq: 14 May 2024 15:50

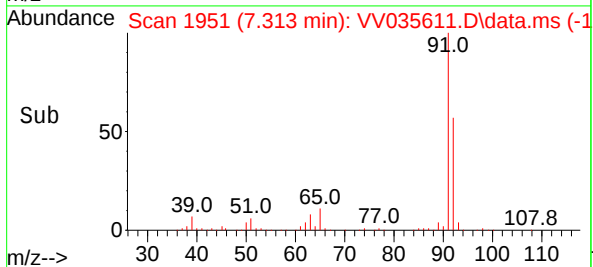
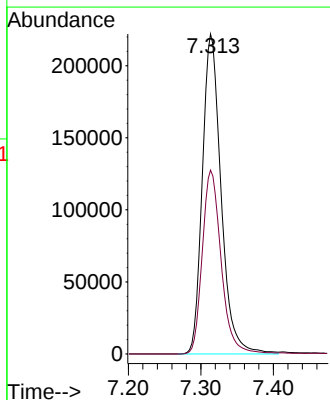
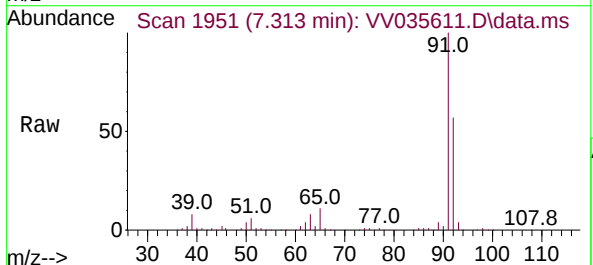
Instrument :
MSVOA_V
ClientSampleId :

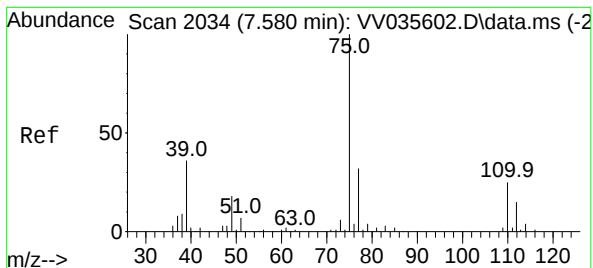
Tgt Ion: 43 Resp: 442009
Ion Ratio Lower Upper
43 100
58 43.4 35.8 53.6
100 17.8 14.1 21.1



#42
Toluene
Concen: 5.305 ug/L
RT: 7.313 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VV035611.D
Acq: 14 May 2024 15:50

Tgt Ion: 91 Resp: 398940
Ion Ratio Lower Upper
91 100
92 57.5 40.4 75.0





#44

trans-1,3-Dichloropropene

Concen: 4.111 ug/L

RT: 7.583 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

Instrument :

MSVOA_V

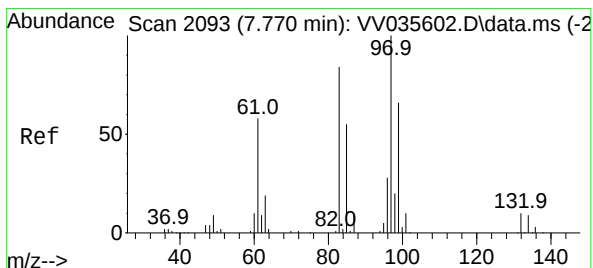
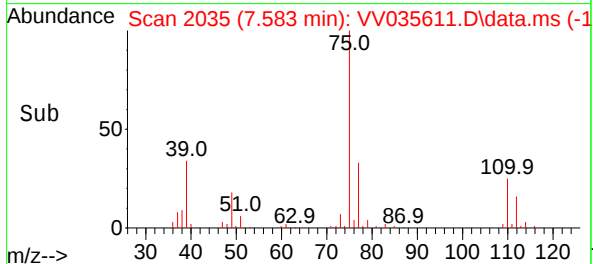
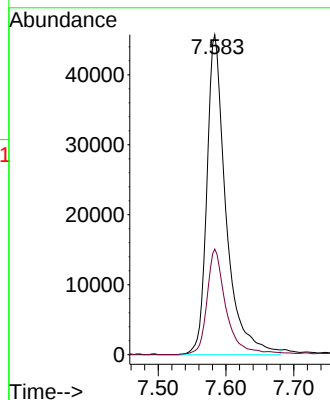
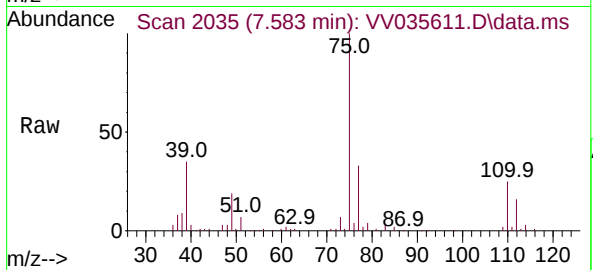
ClientSampleId :

Tgt Ion: 75 Resp: 89554

Ion Ratio Lower Upper

75 100

77 33.0 22.4 41.6



#45

1,1,2-Trichloroethane

Concen: 4.973 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. 0.000 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

Tgt Ion: 97 Resp: 75354

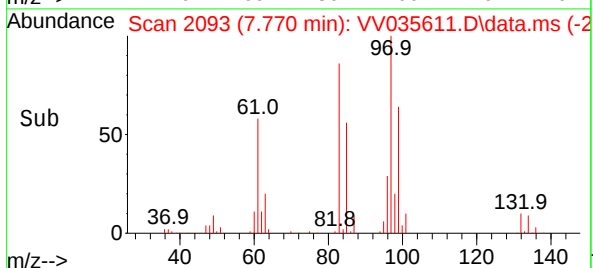
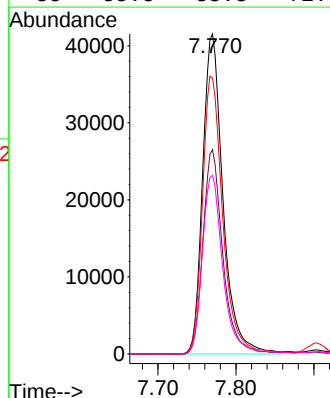
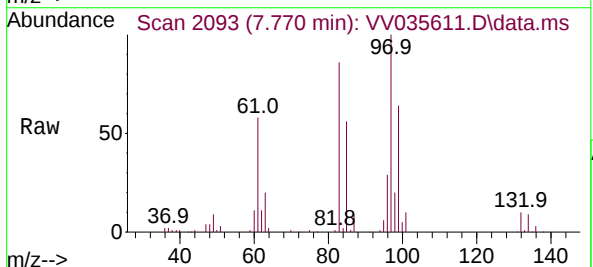
Ion Ratio Lower Upper

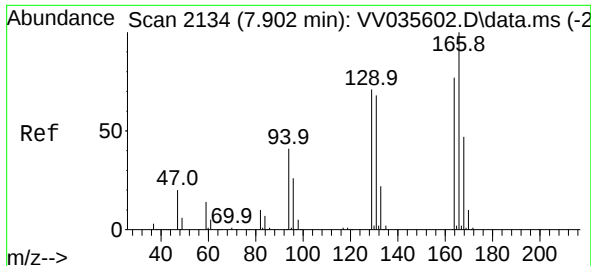
97 100

99 63.8 46.1 85.5

83 86.2 59.0 109.6

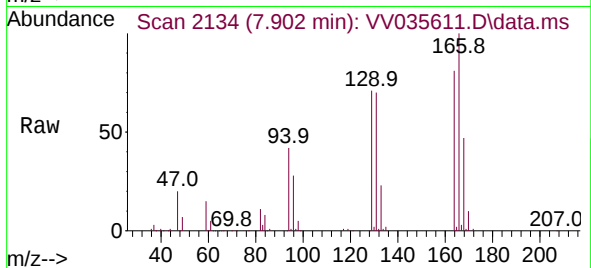
85 55.8 38.8 72.0



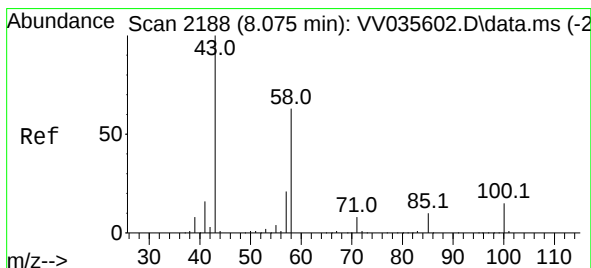
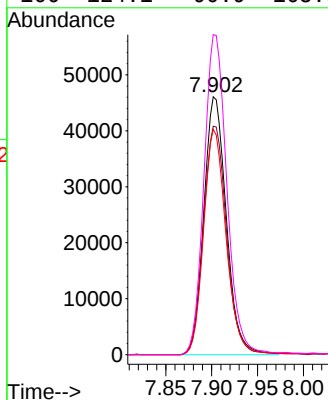
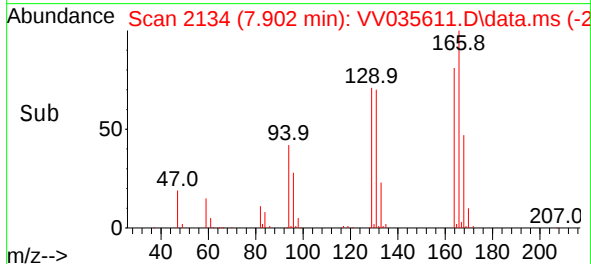


#47
Tetrachloroethene
Concen: 4.827 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035611.D
Acq: 14 May 2024 15:50

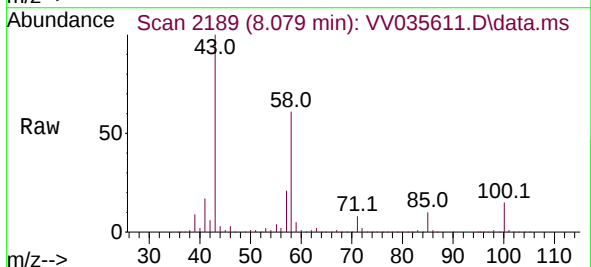
Instrument :
MSVOA_V
ClientSampleId :



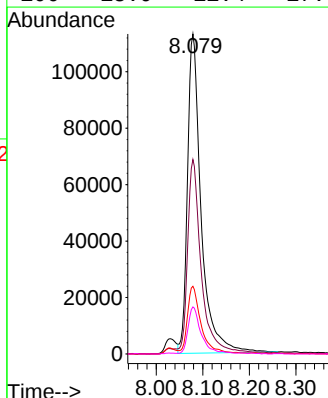
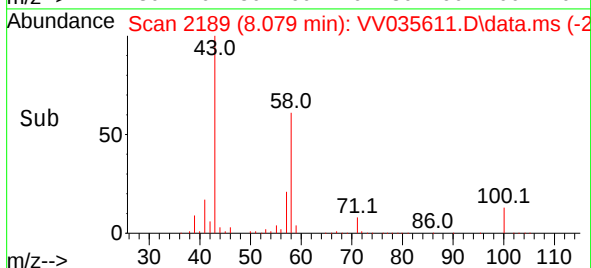
Tgt Ion:164 Resp: 78805
Ion Ratio Lower Upper
164 100
129 88.6 64.9 120.5
131 87.3 61.8 114.8
166 124.1 90.9 168.9

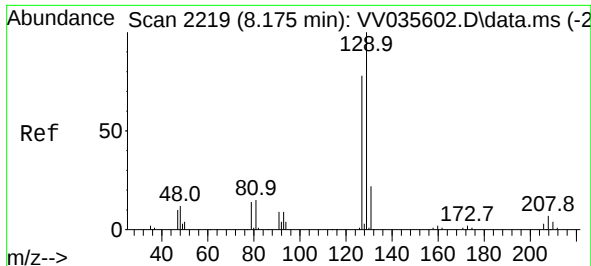


#48
2-Hexanone
Concen: 34.129 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VV035611.D
Acq: 14 May 2024 15:50



Tgt Ion: 43 Resp: 230692
Ion Ratio Lower Upper
43 100
58 59.3 49.1 73.7
57 20.1 16.8 25.2
100 13.9 11.4 17.0





#49

Dibromochloromethane

Concen: 5.090 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.000 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

Instrument :

MSVOA_V

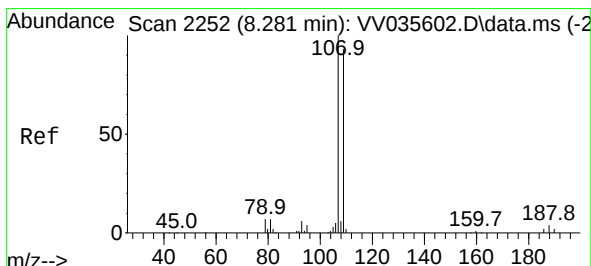
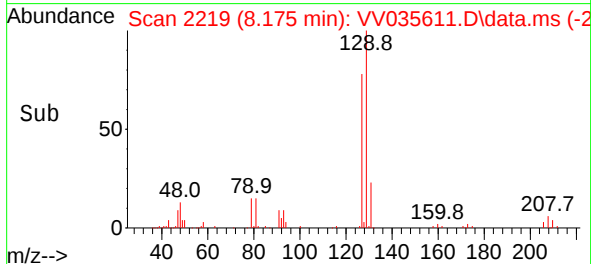
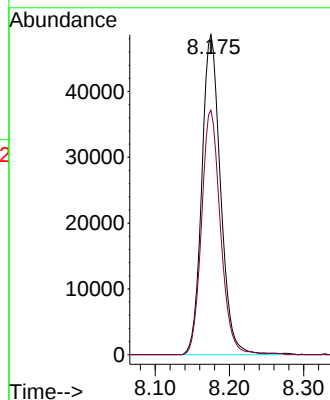
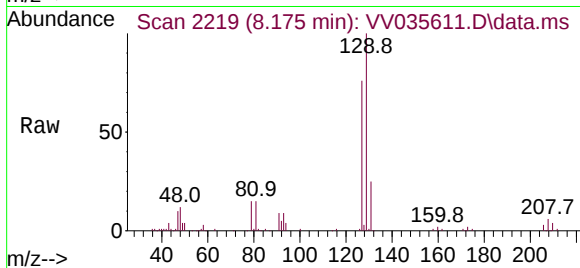
ClientSampleId :

Tgt Ion:129 Resp: 85262

Ion Ratio Lower Upper

129 100

127 76.4 54.3 100.8



#50

1,2-Dibromoethane

Concen: 5.100 ug/L

RT: 8.281 min Scan# 2252

Delta R.T. 0.000 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

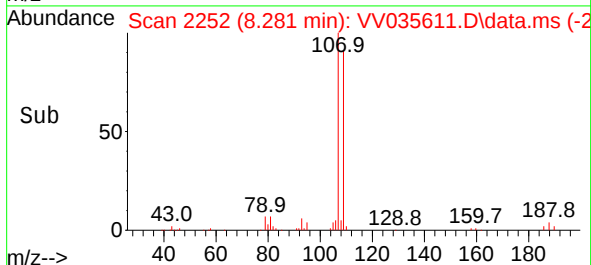
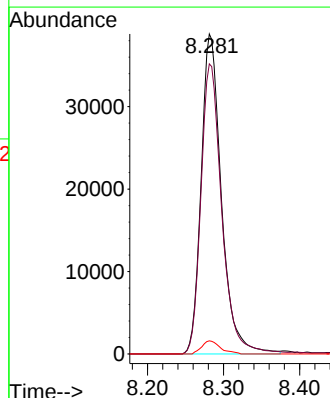
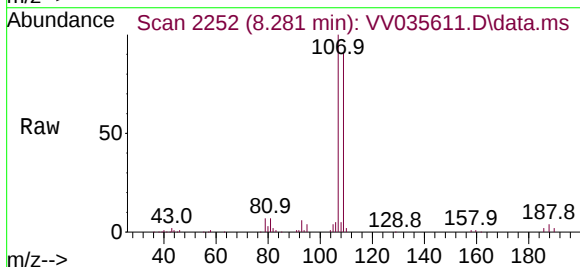
Tgt Ion:107 Resp: 71831

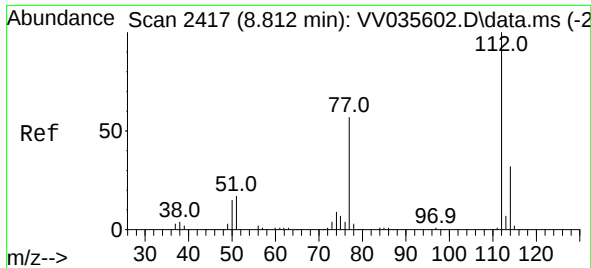
Ion Ratio Lower Upper

107 100

109 90.6 65.2 121.0

188 4.1 3.1 4.7

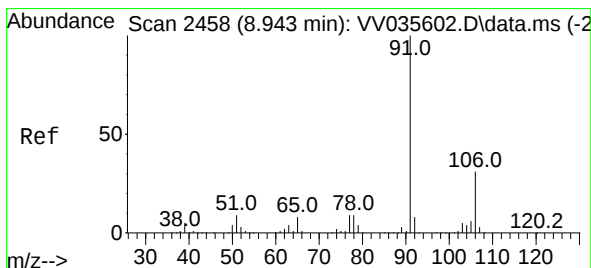
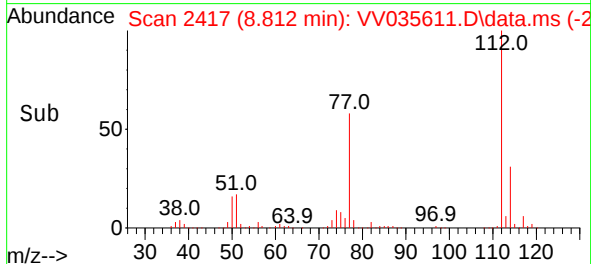
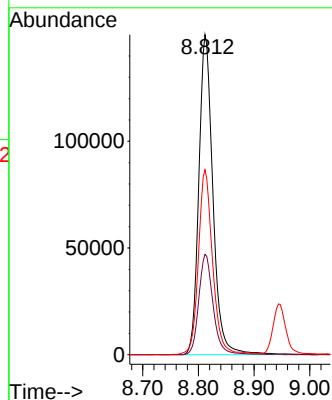
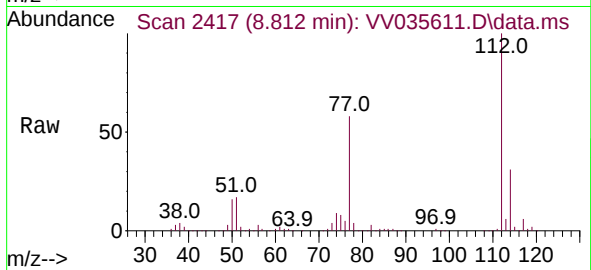




#51
Chlorobenzene
Concen: 5.048 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035611.D
Acq: 14 May 2024 15:50

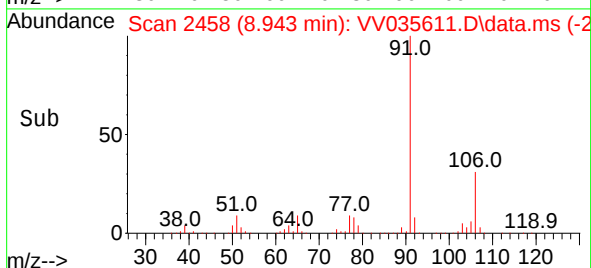
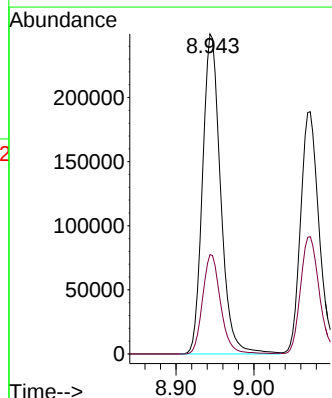
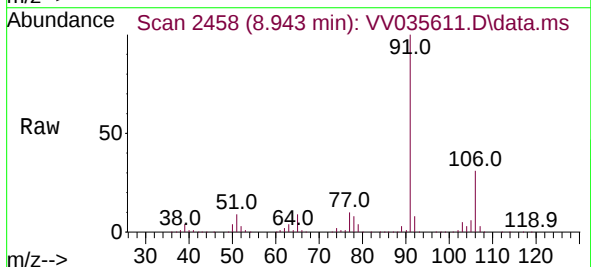
Instrument :
MSVOA_V
ClientSampleId :

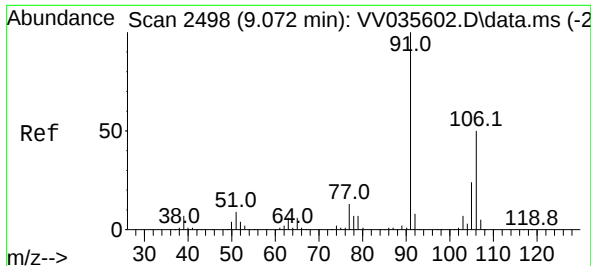
Tgt Ion:112 Resp: 263709
Ion Ratio Lower Upper
112 100
114 31.3 22.2 41.2
77 57.8 45.6 68.4



#52
Ethylbenzene
Concen: 5.118 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035611.D
Acq: 14 May 2024 15:50

Tgt Ion: 91 Resp: 401792
Ion Ratio Lower Upper
91 100
106 31.1 21.5 39.9

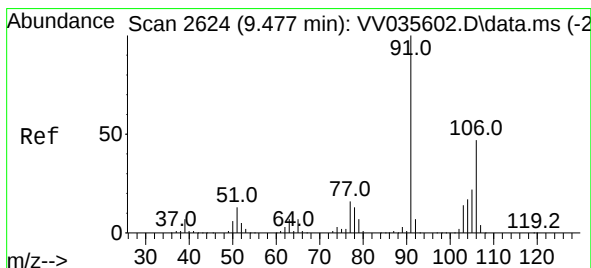
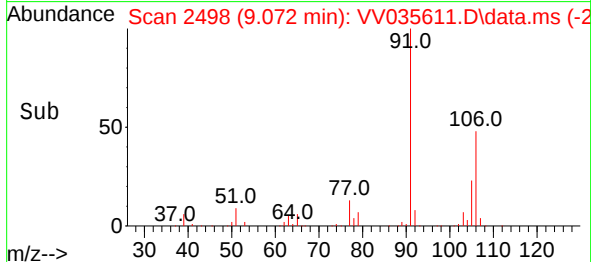
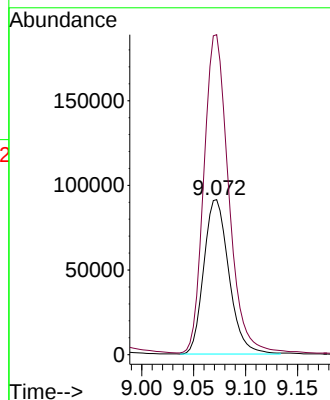
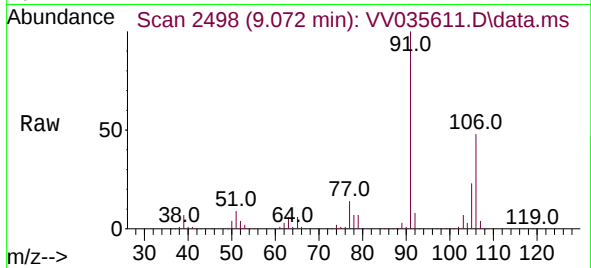




#53
m,p-Xylene
Concen: 5.113 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV035611.D
Acq: 14 May 2024 15:50

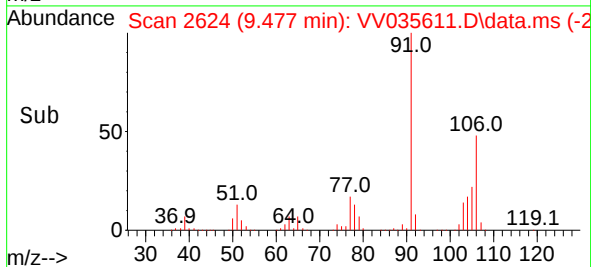
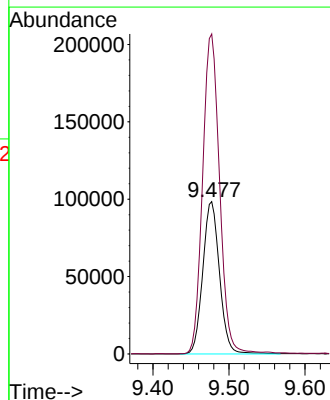
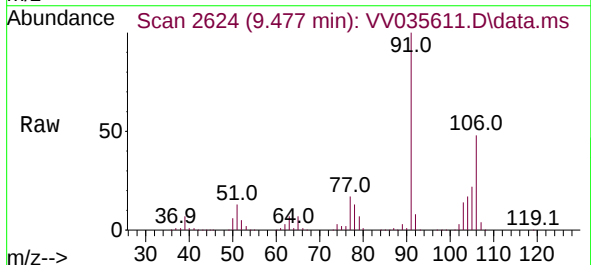
Instrument :
MSVOA_V
ClientSampleId :

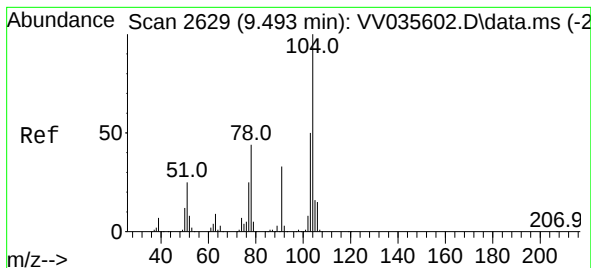
Tgt Ion:106 Resp: 152918
Ion Ratio Lower Upper
106 100
91 206.5 141.3 262.3



#54
o-Xylene
Concen: 5.316 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV035611.D
Acq: 14 May 2024 15:50

Tgt Ion:106 Resp: 150475
Ion Ratio Lower Upper
106 100
91 210.0 148.6 276.0





#55

Styrene

Concen: 5.484 ug/L

RT: 9.493 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

Instrument :

MSVOA_V

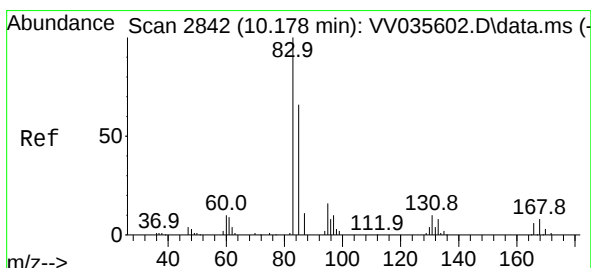
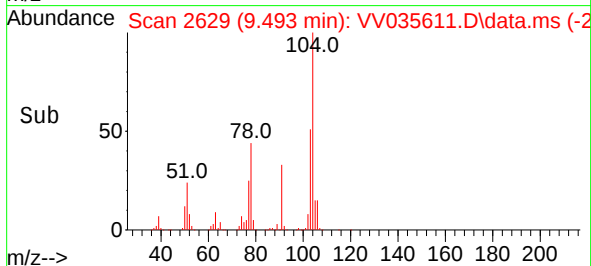
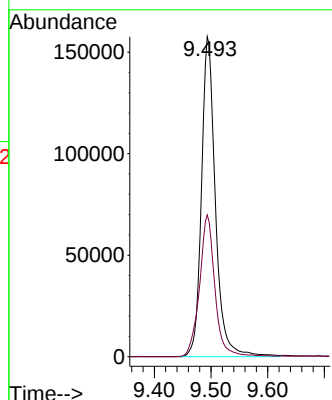
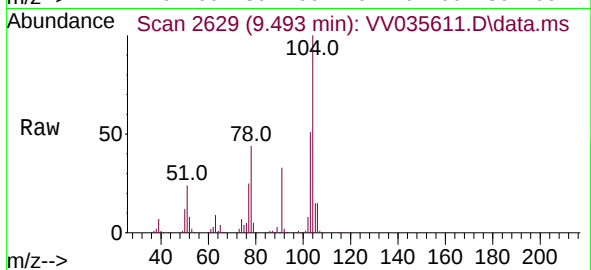
ClientSampleId :

Tgt Ion:104 Resp: 270395

Ion Ratio Lower Upper

104 100

78 44.3 30.6 56.8



#57

1,1,2,2-Tetrachloroethane

Concen: 4.649 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.003 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

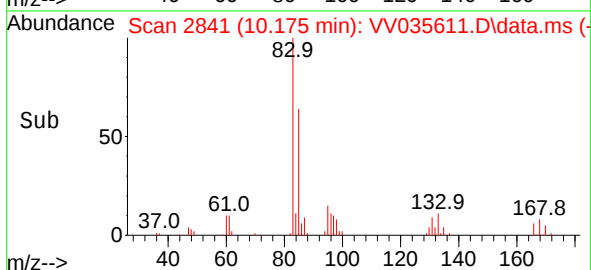
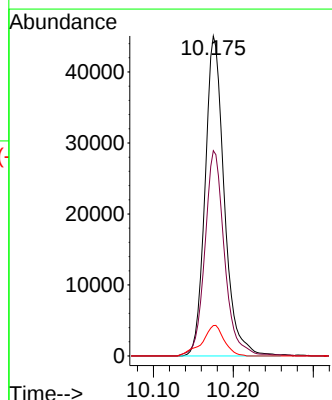
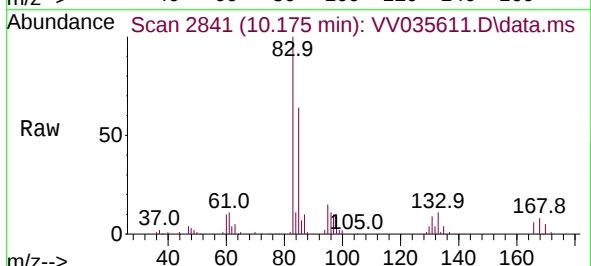
Tgt Ion: 83 Resp: 75294

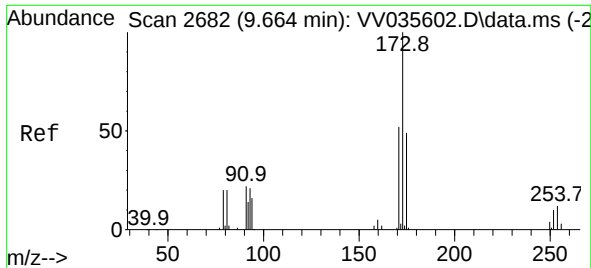
Ion Ratio Lower Upper

83 100

85 64.1 46.1 85.7

131 9.5 8.2 12.2





#59

Bromoform

Concen: 4.858 ug/L

RT: 9.664 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV035611.D

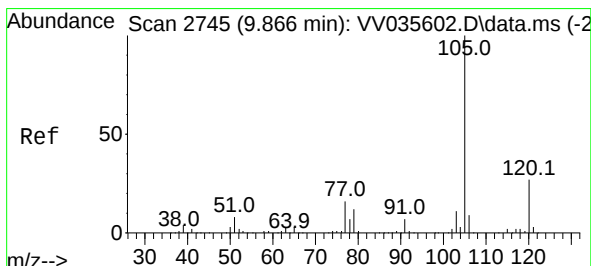
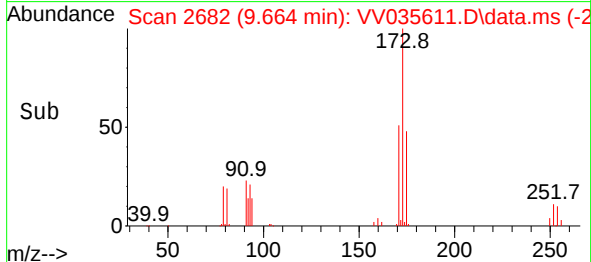
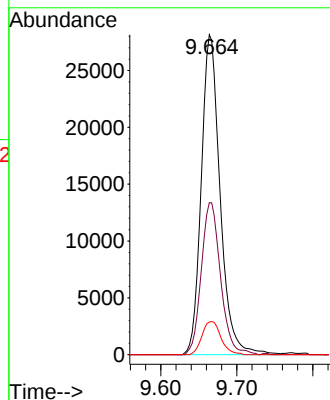
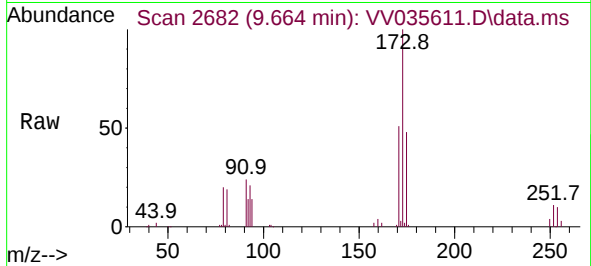
Acq: 14 May 2024 15:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:173	Resp:	48424
Ion Ratio	Lower	Upper
173	100	
175	48.5	38.0 57.0
254	10.4	8.6 13.0



#60

Isopropylbenzene

Concen: 5.072 ug/L

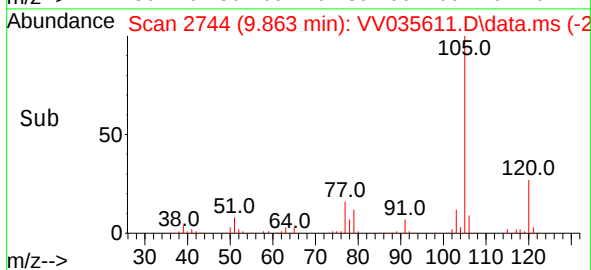
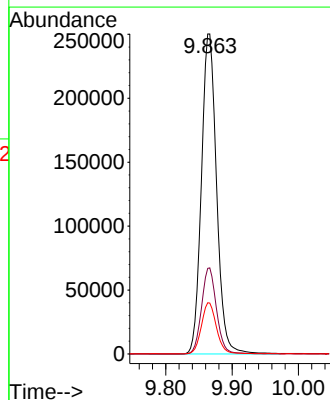
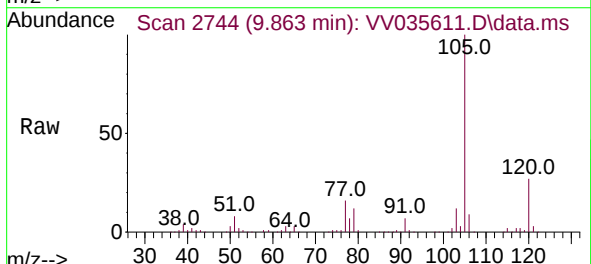
RT: 9.863 min Scan# 2744

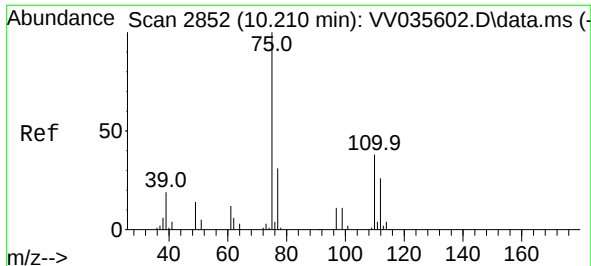
Delta R.T. -0.003 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

Tgt Ion:105	Resp:	398491
Ion Ratio	Lower	Upper
105	100	
120	26.5	21.4 32.2
77	15.8	12.5 18.7





#61

1,2,3-Trichloropropane

Concen: 4.903 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. -0.003 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

Instrument :

MSVOA_V

ClientSampleId :

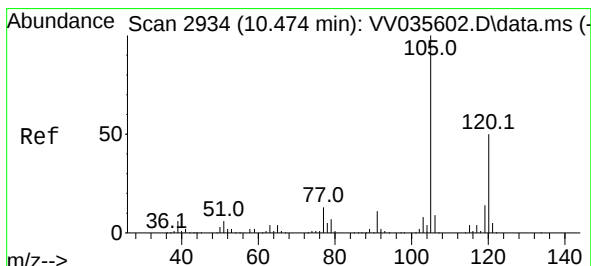
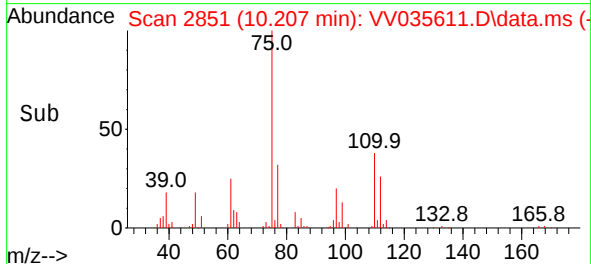
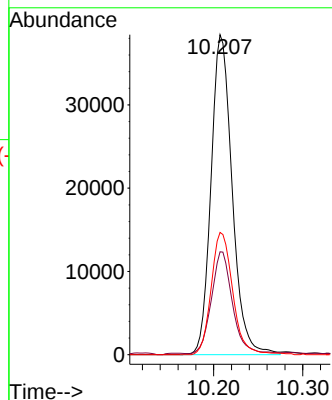
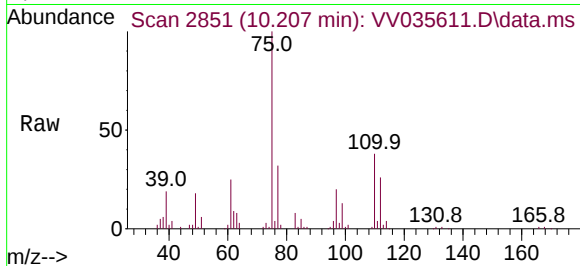
Tgt Ion: 75 Resp: 63344

Ion Ratio Lower Upper

75 100

77 31.6 24.2 36.2

110 39.1 31.1 46.7



#62

1,3,5-Trimethylbenzene

Concen: 4.929 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035611.D

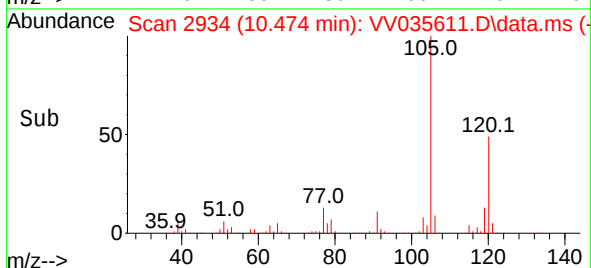
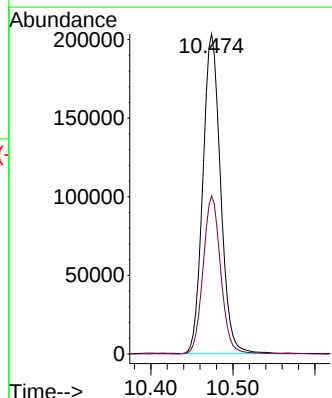
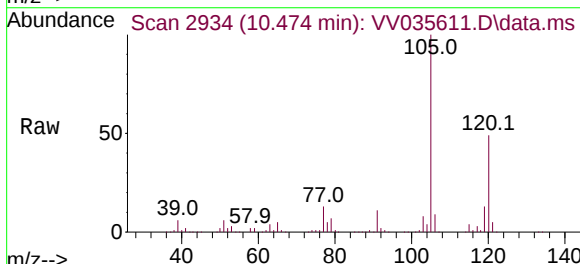
Acq: 14 May 2024 15:50

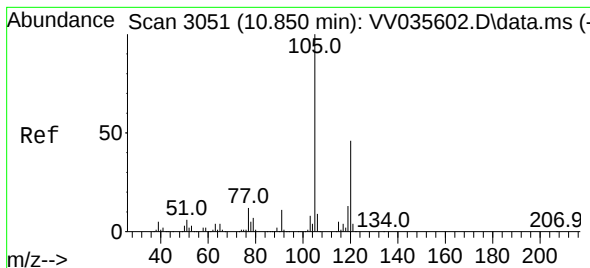
Tgt Ion:105 Resp: 304650

Ion Ratio Lower Upper

105 100

120 49.4 39.9 59.9





#63

1,2,4-Trimethylbenzene

Concen: 4.990 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

Instrument :

MSVOA_V

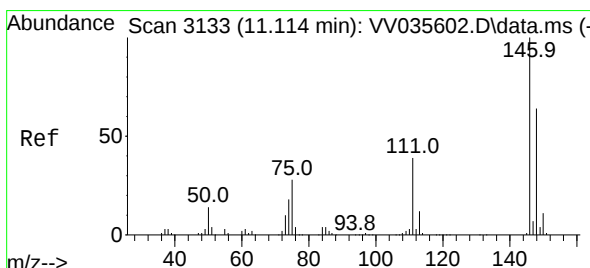
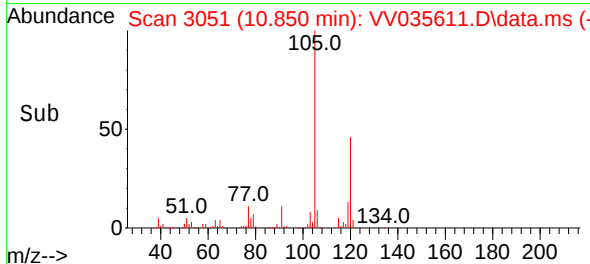
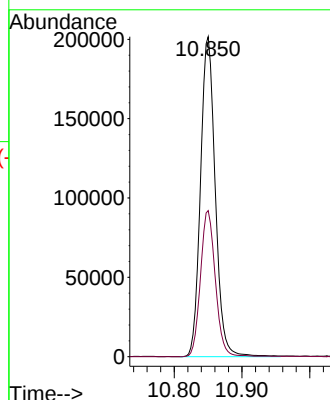
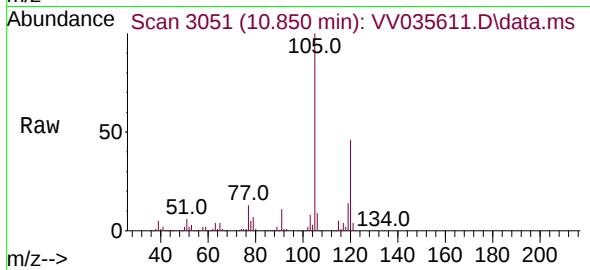
ClientSampleId :

Tgt Ion:105 Resp: 305185

Ion Ratio Lower Upper

105 100

120 46.0 36.8 55.2



#64

1,3-Dichlorobenzene

Concen: 5.035 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

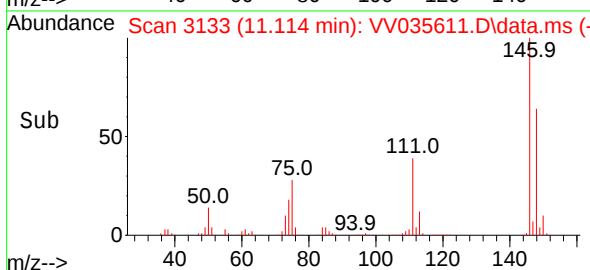
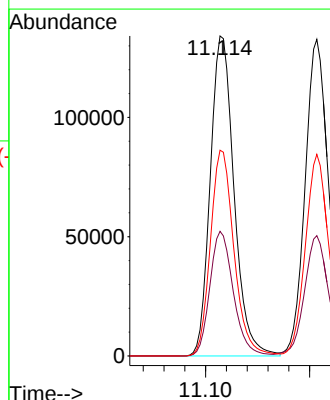
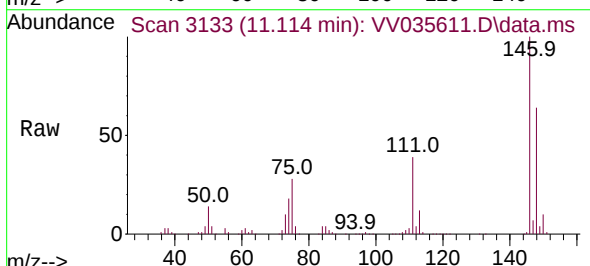
Tgt Ion:146 Resp: 212970

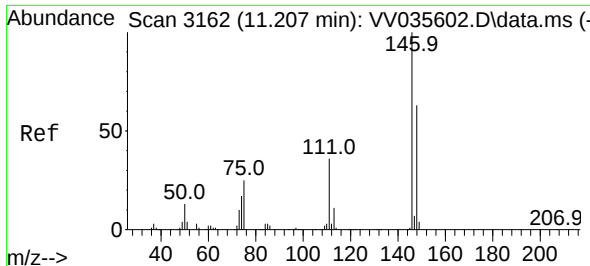
Ion Ratio Lower Upper

146 100

111 38.9 27.6 51.2

148 64.3 44.7 83.1





#65

1,4-Dichlorobenzene

Concen: 4.934 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

Instrument :

MSVOA_V

ClientSampleId :

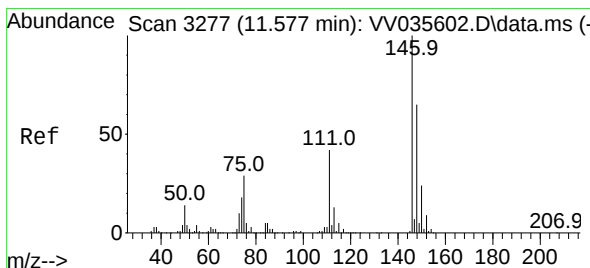
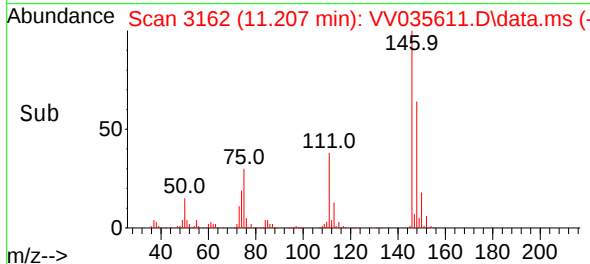
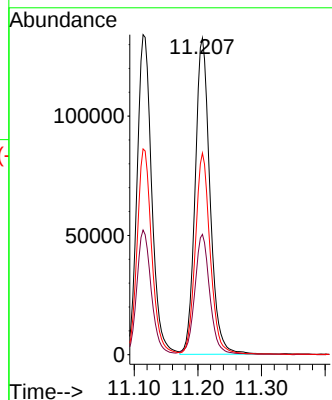
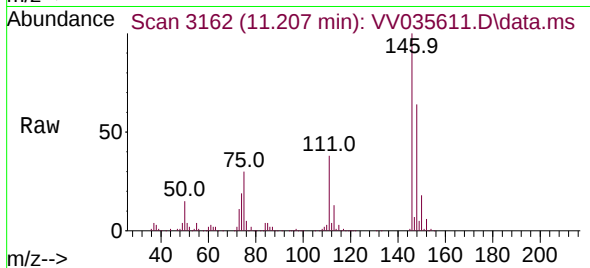
Tgt Ion:146 Resp: 214670

Ion Ratio Lower Upper

146 100

111 38.0 25.8 47.8

148 63.7 44.0 81.6



#67

1,2-Dichlorobenzene

Concen: 4.962 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

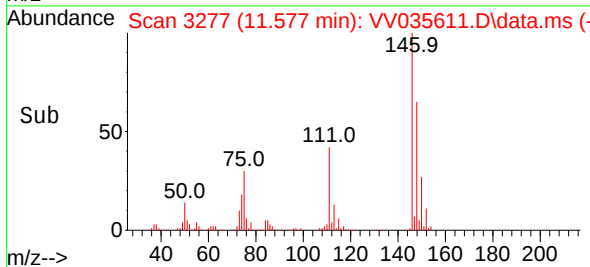
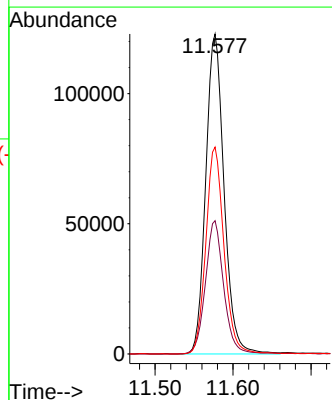
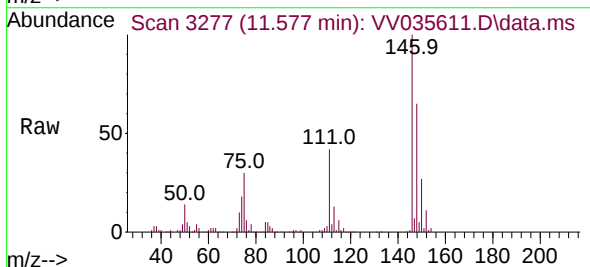
Tgt Ion:146 Resp: 200478

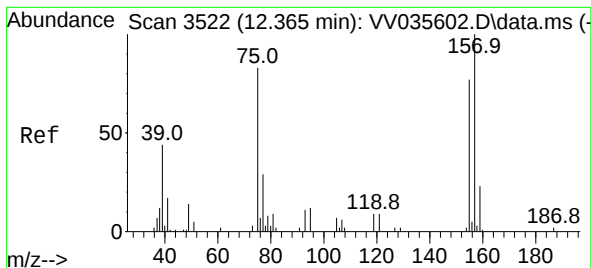
Ion Ratio Lower Upper

146 100

111 41.7 33.5 50.3

148 64.6 51.9 77.9





#68

1,2-Dibromo-3-chloropropane

Concen: 4.793 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

Instrument :

MSVOA_V

ClientSampleId :

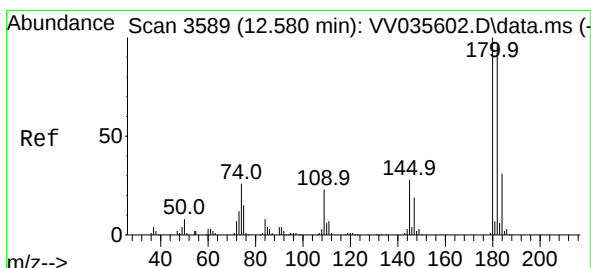
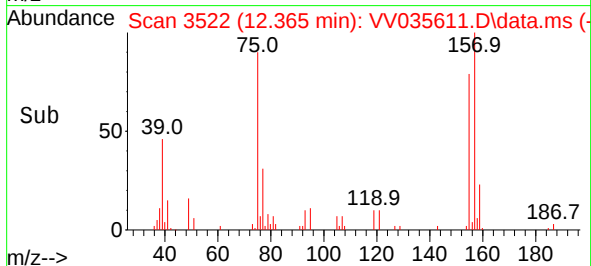
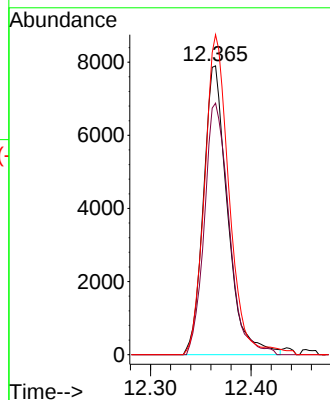
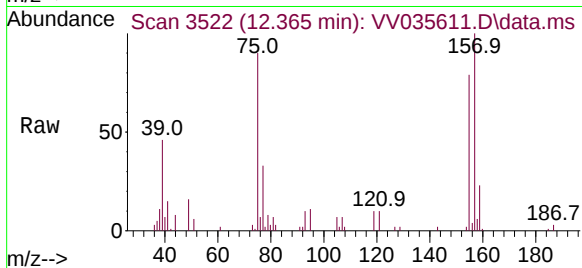
Tgt Ion: 75 Resp: 13196

Ion Ratio Lower Upper

75 100

155 87.1 73.4 110.0

157 110.8 95.8 143.8



#69

1,3,5-Trichlorobenzene

Concen: 4.615 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

Tgt Ion:180 Resp: 147656

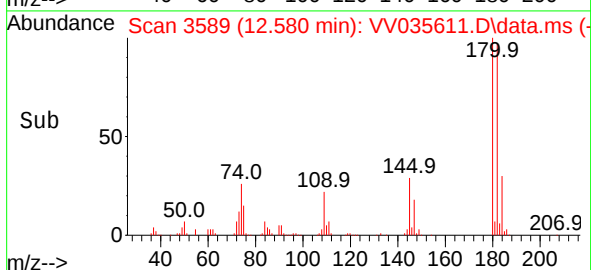
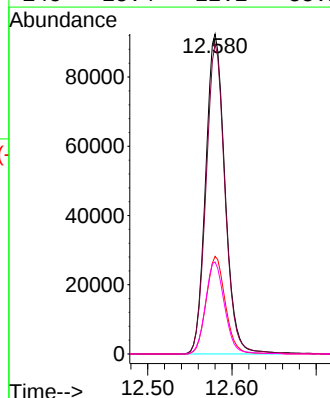
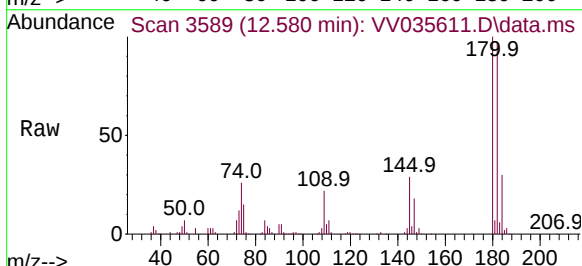
Ion Ratio Lower Upper

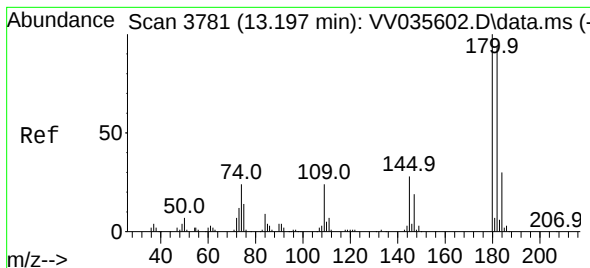
180 100

182 95.5 75.9 113.9

184 30.1 24.0 36.0

145 28.4 22.2 33.2





#70

1,2,4-trichlorobenzene

Concen: 4.691 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

Instrument :

MSVOA_V

ClientSampleId :

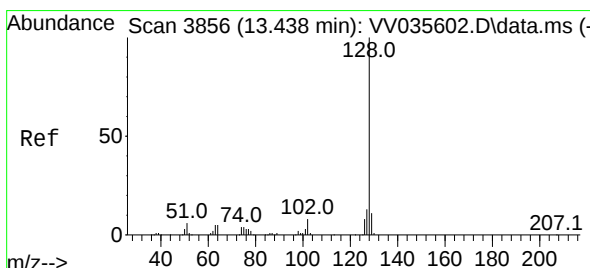
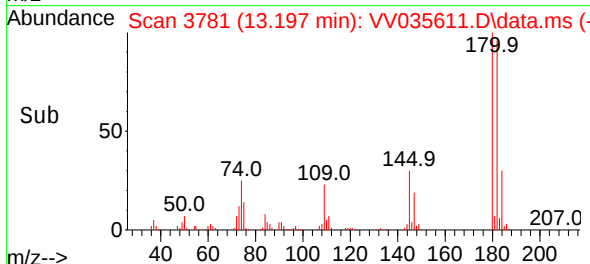
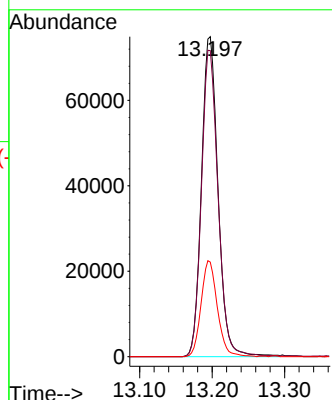
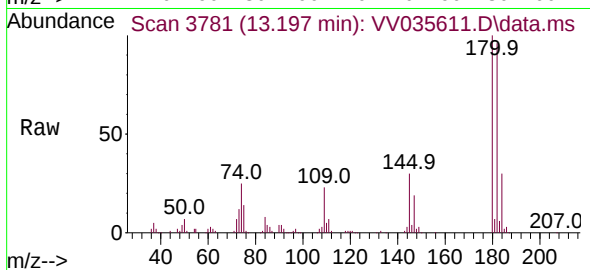
Tgt Ion:180 Resp: 119096

Ion Ratio Lower Upper

180 100

182 96.0 76.5 114.7

145 29.4 22.9 34.3



#71

Naphthalene

Concen: 4.655 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV035611.D

Acq: 14 May 2024 15:50

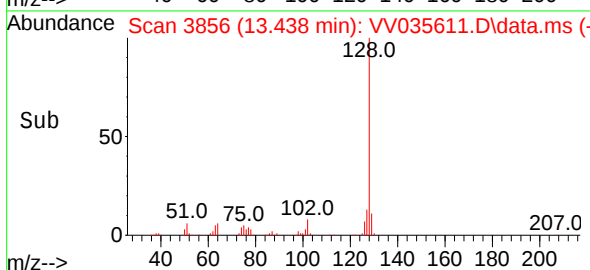
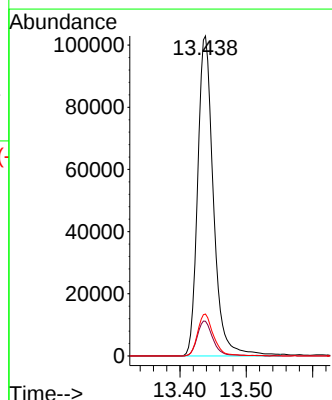
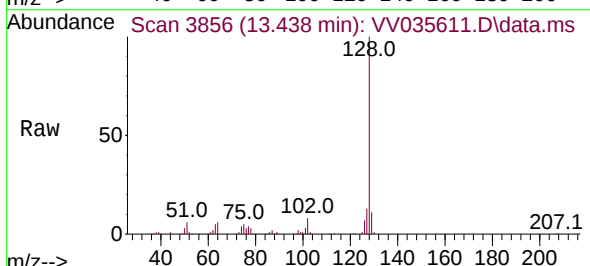
Tgt Ion:128 Resp: 169911

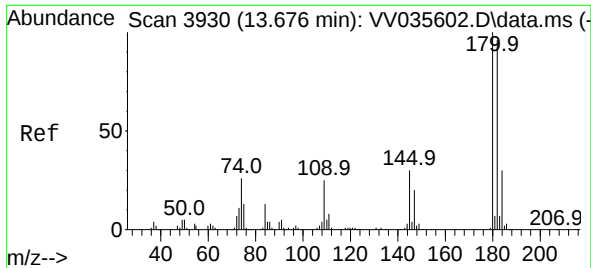
Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

127 13.1 10.7 16.1





#72

1,2,3-Trichlorobenzene

Concen: 4.823 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.000 min

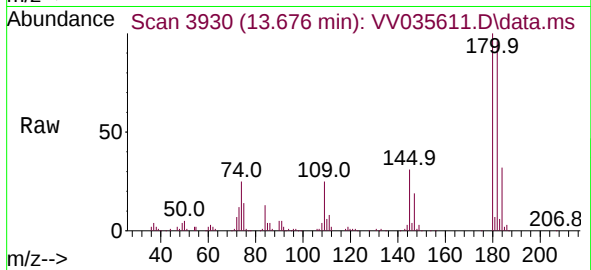
Lab File: VV035611.D

Acq: 14 May 2024 15:50

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 113232

Ion Ratio Lower Upper

180 100

182 97.1 76.6 114.8

145 31.3 25.1 37.7

