

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100424\
 Data File : VV037730.D
 Acq On : 04 Oct 2024 08:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 04:07:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 04 02:26:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	666888	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.777	117	648957	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	354823	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.282	65	271861	46.439	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.880%
7) Chloroethane-d5	1.532	69	218021	47.979	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.960%
11) 1,1-Dichloroethene-d2	2.060	65	116152	47.490	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.980%
21) 2-Butanone-d5	3.790	46	171494	82.245	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.250%
24) Chloroform-d	4.240	84	507924	48.767	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.540%
26) 1,2-Dichloroethane-d4	4.934	65	293017	48.064	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.120%
32) Benzene-d6	4.950	84	982434	48.379	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.760%
36) 1,2-Dichloropropane-d6	5.982	67	307489	47.552	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.100%
41) Toluene-d8	7.233	98	905365	49.167	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.340%
43) trans-1,3-Dichloroprop...	7.545	79	137951	45.924	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.840%
47) 2-Hexanone-d5	8.021	63	120191	88.024	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.020%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	349800	46.556	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.120%
66) 1,2-Dichlorobenzene-d4	11.551	152	341527	45.678	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.360%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.108	85	271015	47.737	ug/L	99
3) Chloromethane	1.217	50	260764	47.311	ug/L	99
5) Vinyl chloride	1.285	62	278260	47.091	ug/L	99
6) Bromomethane	1.487	94	157974	48.174	ug/L	99
8) Chloroethane	1.549	64	174670	47.959	ug/L	99
9) Trichlorofluoromethane	1.716	101	391155	49.178	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	241160	50.739	ug/L	98
12) 1,1-Dichloroethene	2.069	96	216632	48.793	ug/L	90
13) Acetone	2.111	43	212896	104.152	ug/L	98
14) Carbon disulfide	2.240	76	627711	45.294	ug/L	100
15) Methyl Acetate	2.372	43	169289	47.457	ug/L	100
16) Methylene chloride	2.442	84	242945	48.327	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	231145	49.212	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	668489	49.608	ug/L	99
19) 1,1-Dichloroethane	3.105	63	442984	49.225	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	256565	48.813	ug/L	98
22) 2-Butanone	3.870	43	223297	98.696	ug/L	96
23) Bromochloromethane	4.137	128	133043	48.933	ug/L	98
25) Chloroform	4.269	83	461782	49.562	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100424\
 Data File : VV037730.D
 Acq On : 04 Oct 2024 08:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

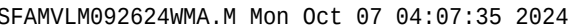
Instrument :
 MSVOA_V
 ClientSampleId :

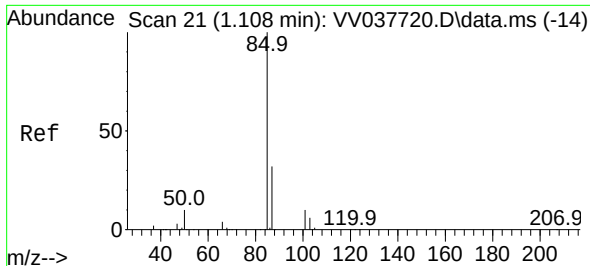
Quant Time: Oct 07 04:07:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 04 02:26:43 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	332735	50.586	ug/L	99
29) Cyclohexane	4.571	56	352758	47.875	ug/L	100
30) 1,1,1-Trichloroethane	4.500	97	394759	49.390	ug/L	99
31) Carbon tetrachloride	4.725	117	344420	49.564	ug/L	100
33) Benzene	4.999	78	971010	49.613	ug/L	100
34) Trichloroethene	5.825	95	253521	48.640	ug/L	99
35) Methylcyclohexane	6.040	83	391981	48.886	ug/L	99
37) 1,2-Dichloropropane	6.085	63	252237	49.908	ug/L	99
38) Bromodichloromethane	6.426	83	336694	49.835	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	384604	47.673	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	401371	97.538	ug/L	99
42) Toluene	7.307	91	1029022	50.716	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	359919	49.553	ug/L	100
45) 1,1,2-Trichloroethane	7.760	97	238973	49.244	ug/L	99
46) Tetrachloroethene	7.896	164	194272	48.750	ug/L	98
48) 2-Hexanone	8.069	43	320870	100.280	ug/L	99
49) Dibromochloromethane	8.169	129	255708	49.786	ug/L	98
50) 1,2-Dibromoethane	8.275	107	244668	48.774	ug/L	99
51) Chlorobenzene	8.805	112	680044	49.195	ug/L	100
52) Ethylbenzene	8.937	91	1141273	49.969	ug/L	98
53) m,p-Xylene	9.066	106	436977	51.408	ug/L	99
54) o-Xylene	9.471	106	417569	50.318	ug/L	97
55) Styrene	9.487	104	761018	52.678	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	328426	48.541	ug/L	99
59) Bromoform	9.658	173	170245	49.091	ug/L	96
60) Isopropylbenzene	9.860	105	1141666	49.490	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	232732	46.095	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	911661	49.987	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	914232	50.381	ug/L	100
64) 1,3-Dichlorobenzene	11.108	146	542855	48.890	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	562220	48.626	ug/L	100
67) 1,2-Dichlorobenzene	11.571	146	529641	48.252	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	54276	44.285	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	364149	47.690	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	325551	45.953	ug/L	99
71) Naphthalene	13.432	128	803381	43.404	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	327696	46.840	ug/L	99

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

Quant Time: Oct 07 04:07:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 04 02:26:43 2024
Response via : Initial Calibration

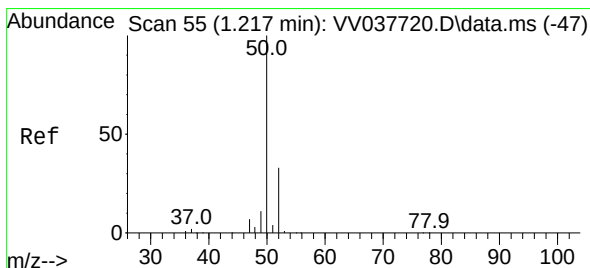
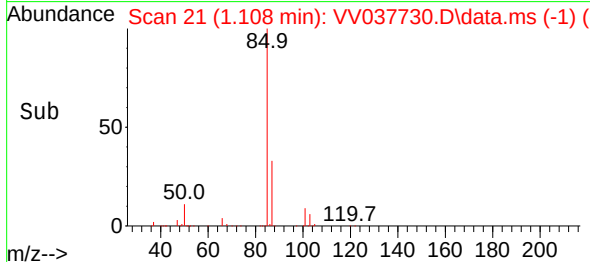
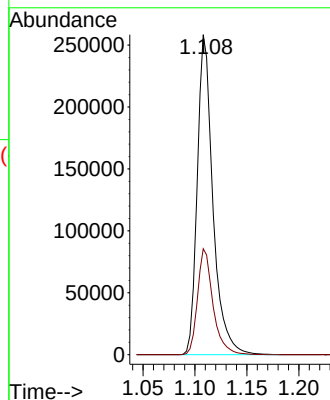
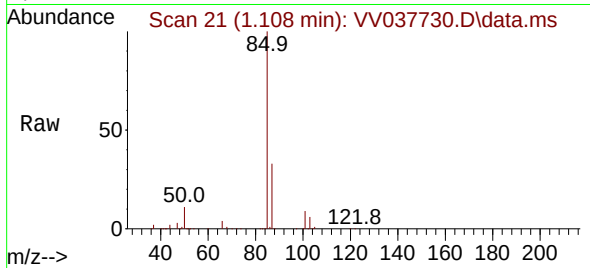




#2
 Dichlorodifluoromethane
 Concen: 47.737 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037730.D
 Acq: 04 Oct 2024 08:19

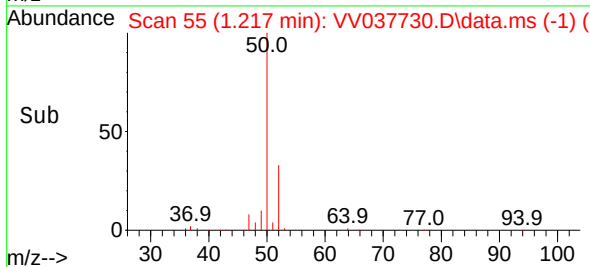
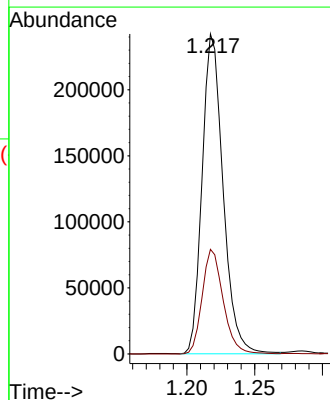
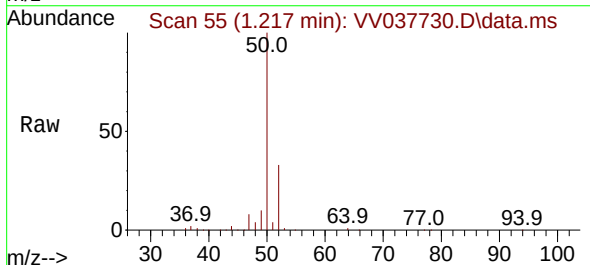
Instrument :
 MSVOA_V
 ClientSampleId :

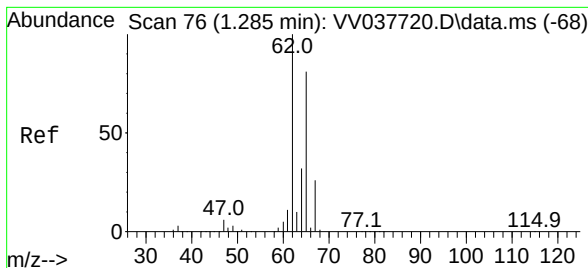
Tgt Ion: 85 Resp: 271015
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.8 38.8



#3
 Chloromethane
 Concen: 47.311 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037730.D
 Acq: 04 Oct 2024 08:19

Tgt Ion: 50 Resp: 260764
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.2 43.2

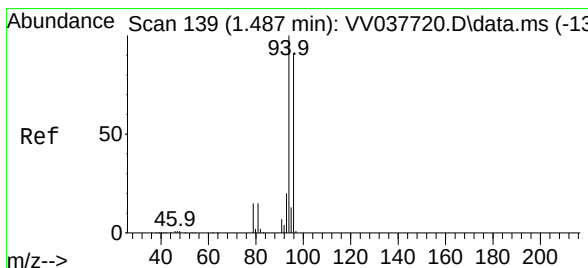
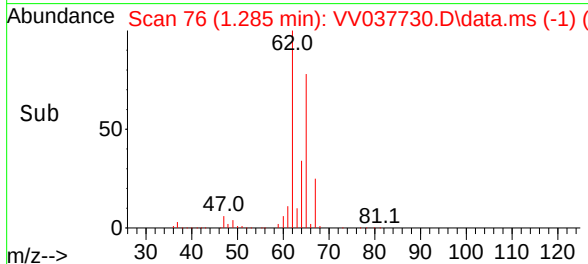
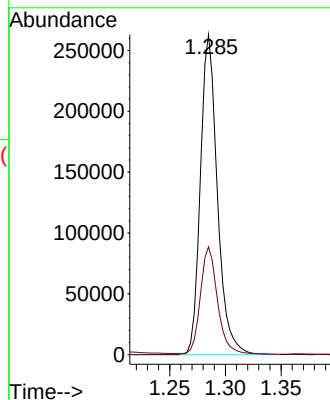
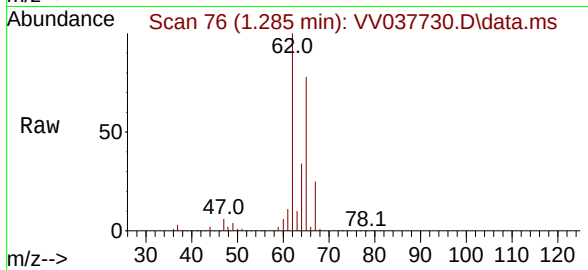




#5
 Vinyl chloride
 Concen: 47.091 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV037730.D
 Acq: 04 Oct 2024 08:19

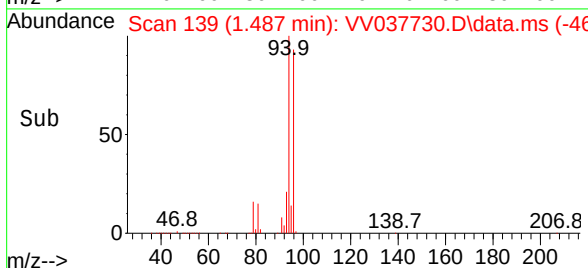
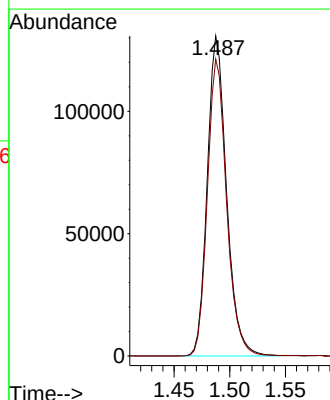
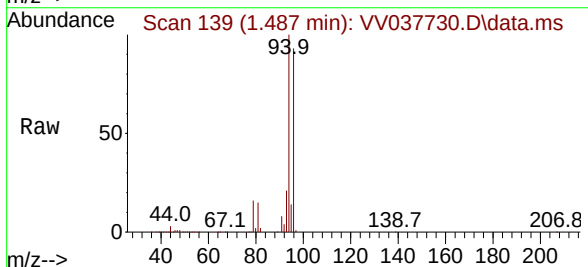
Instrument :
 MSVOA_V
 ClientSampleId :

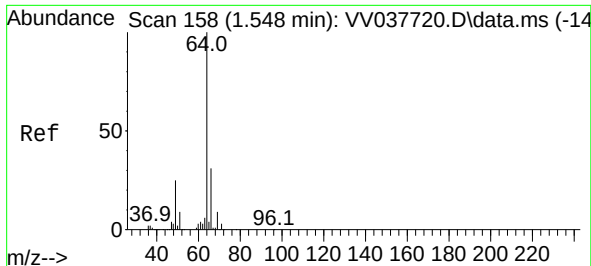
Tgt Ion: 62 Resp: 278260
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.2 43.0



#6
 Bromomethane
 Concen: 48.174 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037730.D
 Acq: 04 Oct 2024 08:19

Tgt Ion: 94 Resp: 157974
 Ion Ratio Lower Upper
 94 100
 96 92.8 65.8 122.2

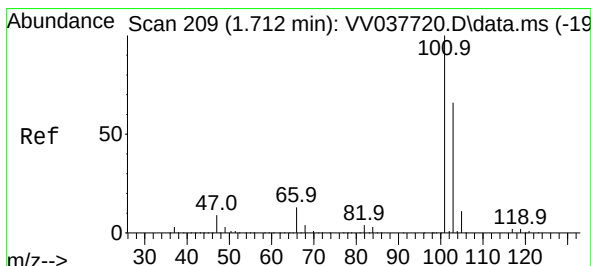
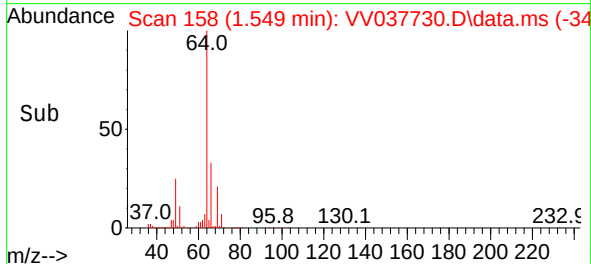
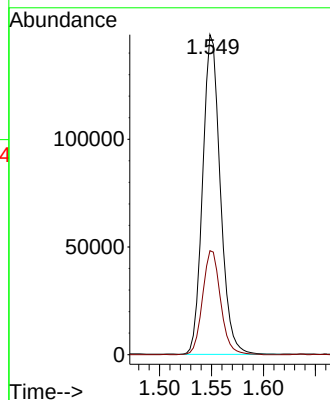
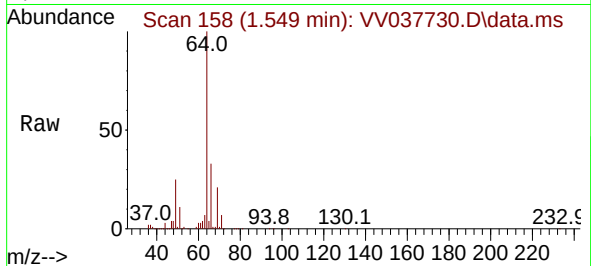




#8
Chloroethane
Concen: 47.959 ug/L
RT: 1.549 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV037730.D
Acq: 04 Oct 2024 08:19

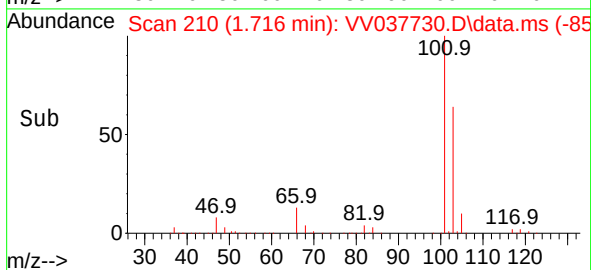
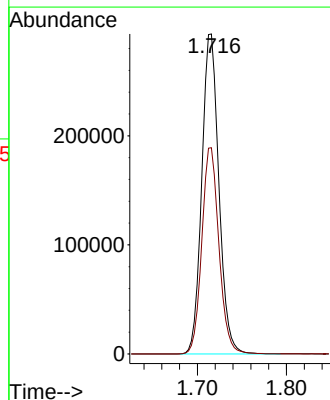
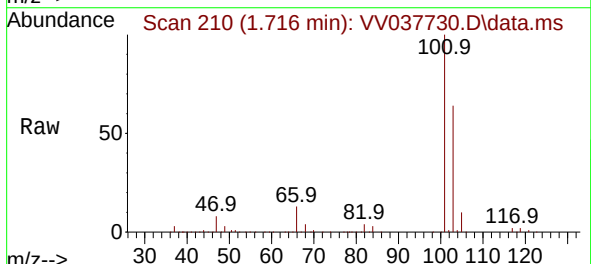
Instrument :
MSVOA_V
ClientSampleId :

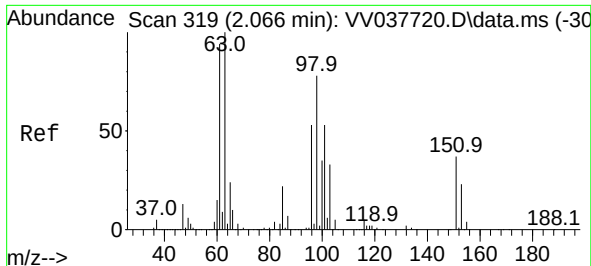
Tgt Ion: 64 Resp: 174670
Ion Ratio Lower Upper
64 100
66 32.5 22.2 41.2



#9
Trichlorofluoromethane
Concen: 49.178 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV037730.D
Acq: 04 Oct 2024 08:19

Tgt Ion:101 Resp: 391155
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.4

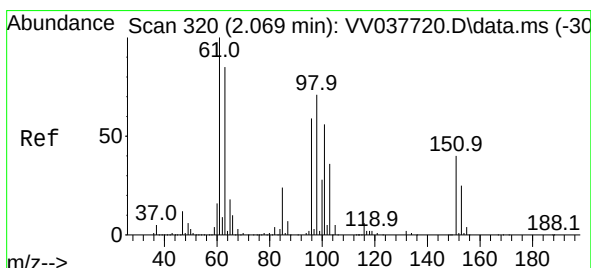
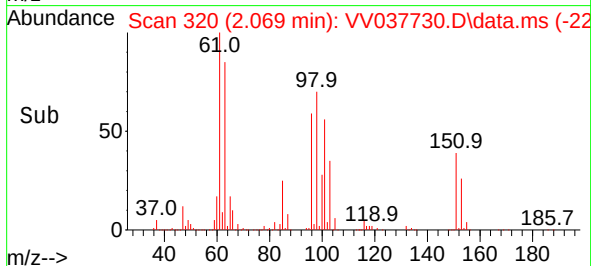
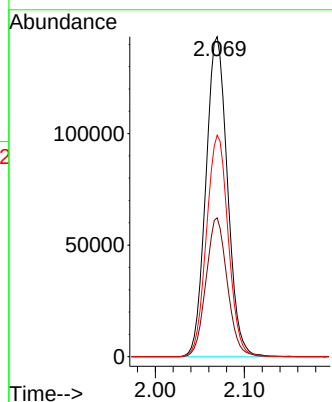
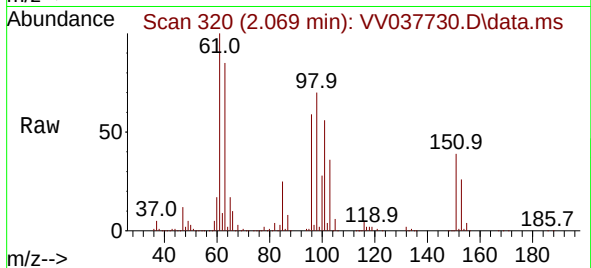




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.739 ug/L
RT: 2.069 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV037730.D
Acq: 04 Oct 2024 08:19

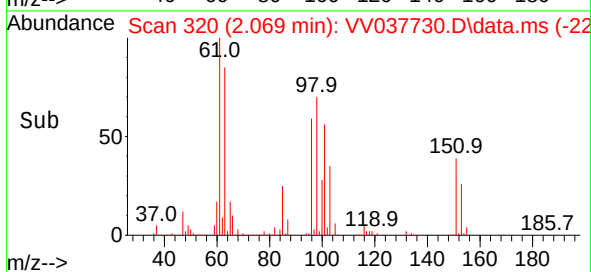
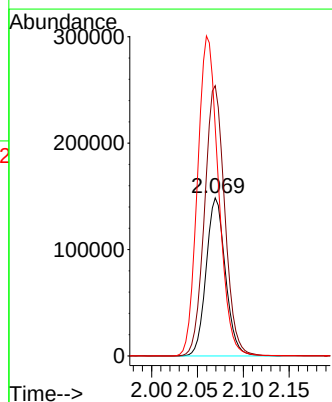
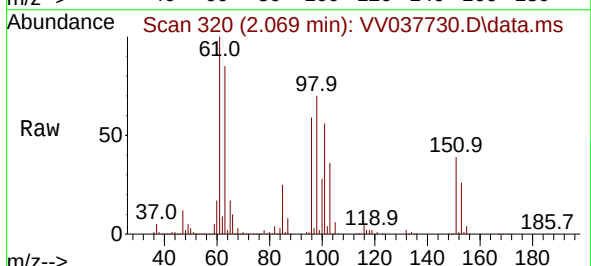
Instrument :
MSVOA_V
ClientSampleId :

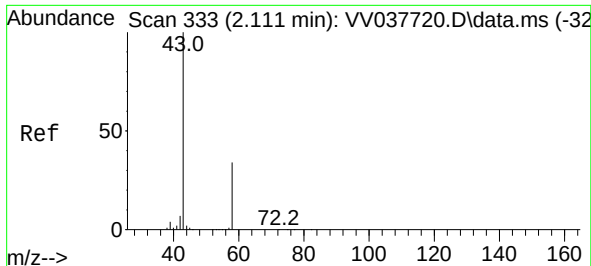
Tgt Ion:101 Resp: 241160
Ion Ratio Lower Upper
101 100
85 42.8 34.6 52.0
151 69.9 57.5 86.3



#12
1,1-Dichloroethene
Concen: 48.793 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV037730.D
Acq: 04 Oct 2024 08:19

Tgt Ion: 96 Resp: 216632
Ion Ratio Lower Upper
96 100
61 170.8 122.6 227.6
63 144.4 118.0 219.2





#13

Acetone

Concen: 104.152 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV037730.D

Acq: 04 Oct 2024 08:19

Instrument :

MSVOA_V

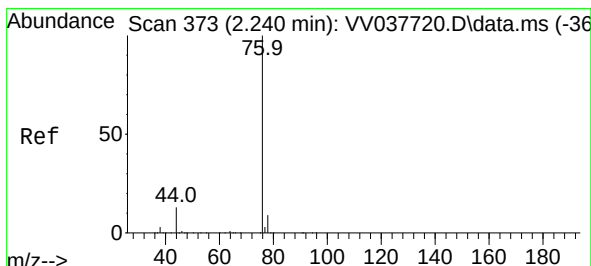
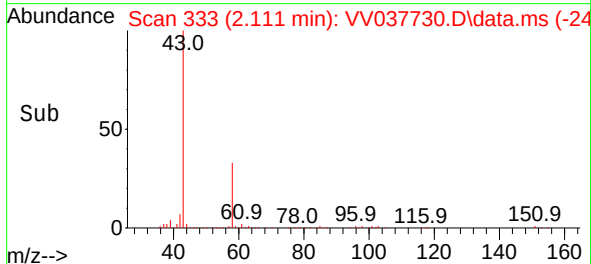
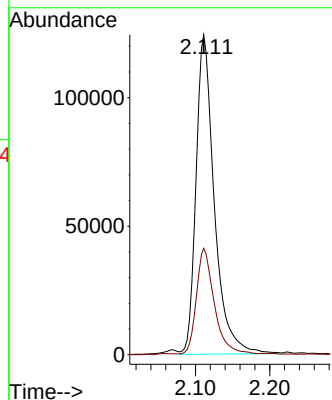
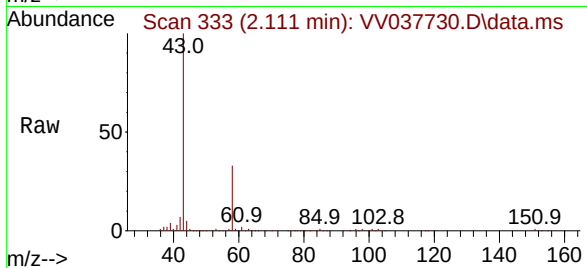
ClientSampleId :

Tgt Ion: 43 Resp: 212896

Ion Ratio Lower Upper

43 100

58 32.1 0.0 66.6



#14

Carbon disulfide

Concen: 45.294 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV037730.D

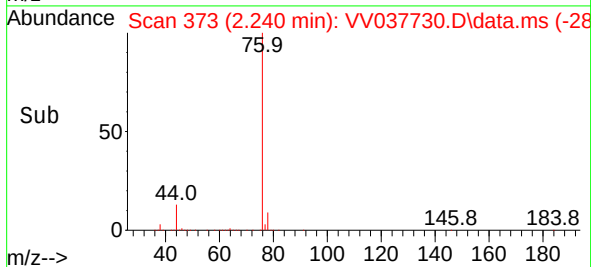
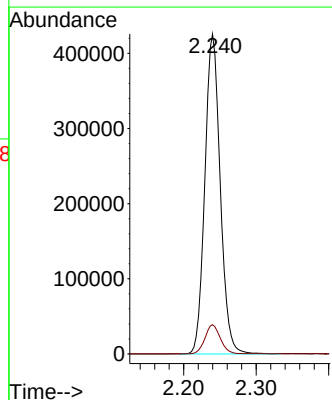
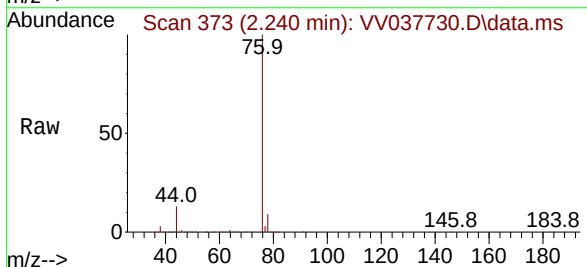
Acq: 04 Oct 2024 08:19

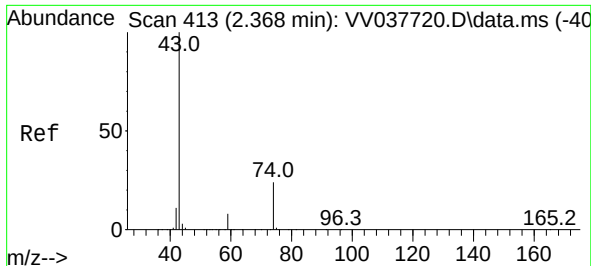
Tgt Ion: 76 Resp: 627711

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 47.457 ug/L

RT: 2.372 min Scan# 413

Delta R.T. 0.003 min

Lab File: VV037730.D

Acq: 04 Oct 2024 08:19

Instrument :

MSVOA_V

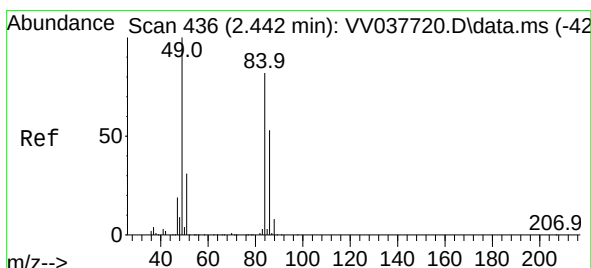
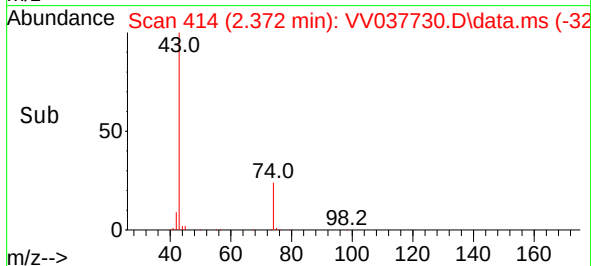
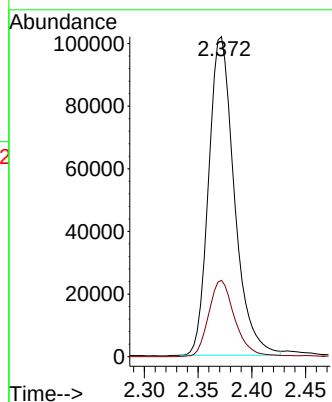
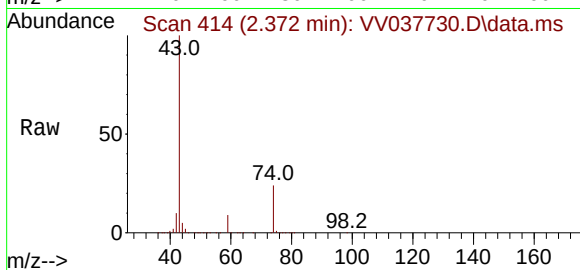
ClientSampleId :

Tgt Ion: 43 Resp: 169289

Ion Ratio Lower Upper

43 100

74 24.4 19.4 29.0



#16

Methylene chloride

Concen: 48.327 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037730.D

Acq: 04 Oct 2024 08:19

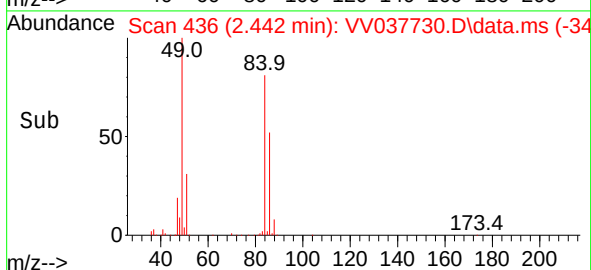
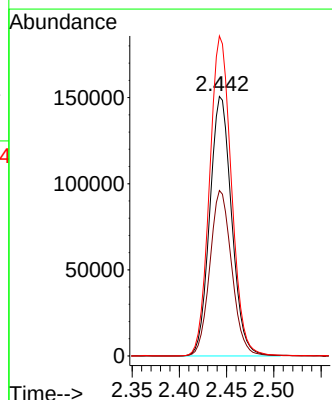
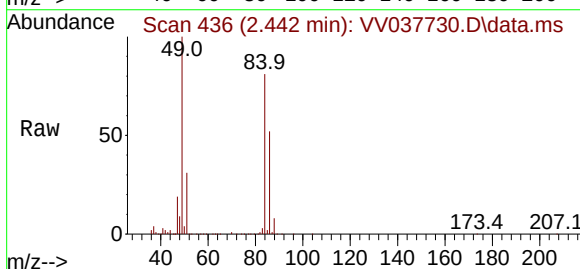
Tgt Ion: 84 Resp: 242945

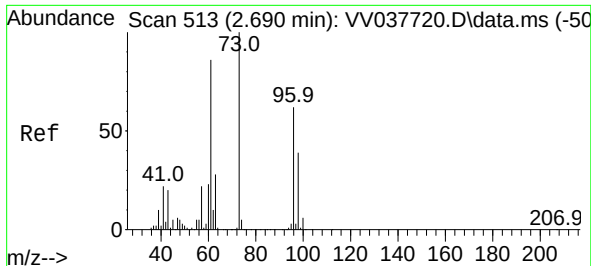
Ion Ratio Lower Upper

84 100

86 63.8 46.4 86.2

49 123.3 85.9 159.5





#17

trans-1,2-Dichloroethene

Concen: 49.212 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

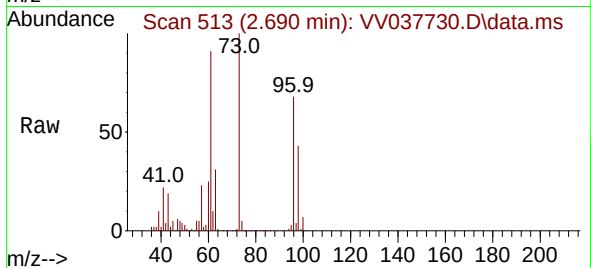
Lab File: VV037730.D

Acq: 04 Oct 2024 08:19

Instrument :

MSVOA_V

ClientSampleId :



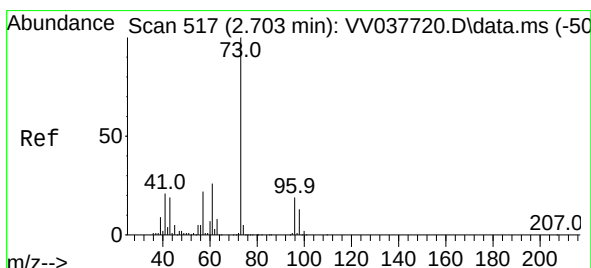
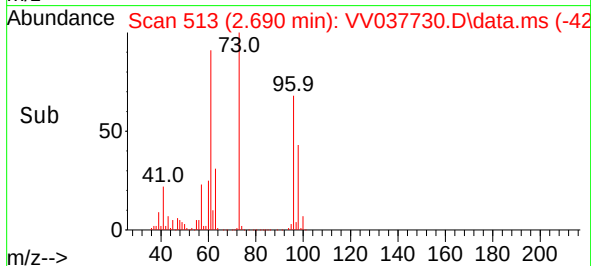
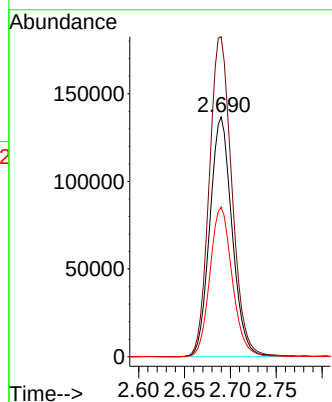
Tgt Ion: 96 Resp: 231145

Ion Ratio Lower Upper

96 100

61 133.5 97.3 180.7

98 62.4 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 49.608 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV037730.D

Acq: 04 Oct 2024 08:19

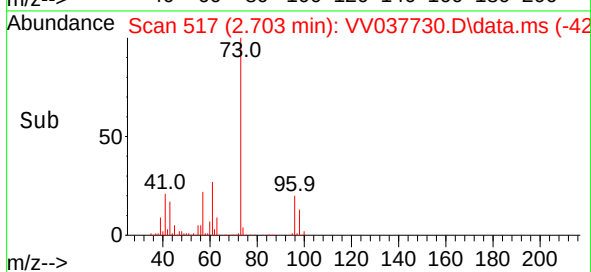
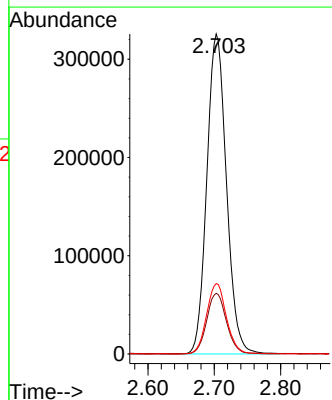
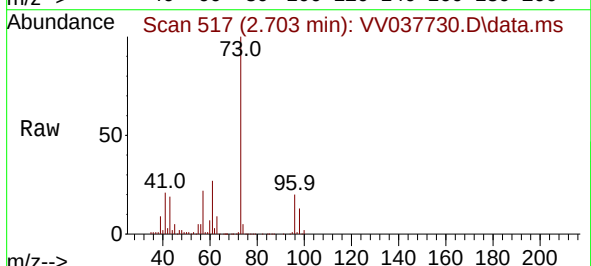
Tgt Ion: 73 Resp: 668489

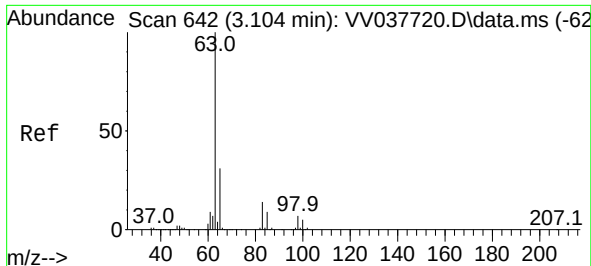
Ion Ratio Lower Upper

73 100

43 18.9 15.1 22.7

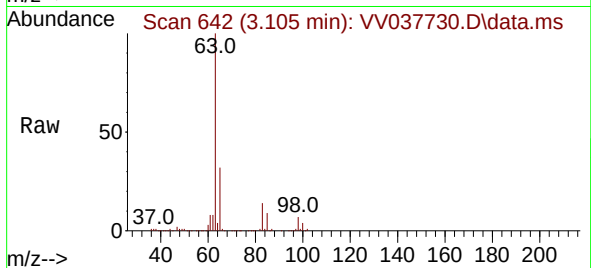
57 22.3 17.4 26.2



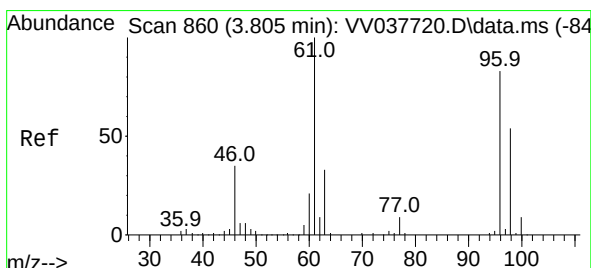
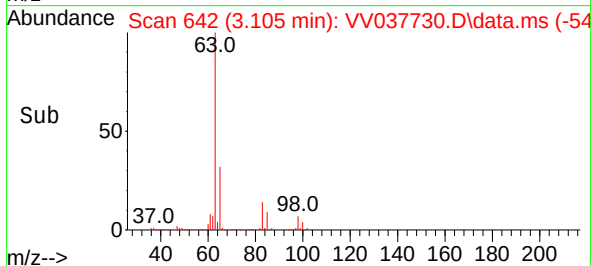
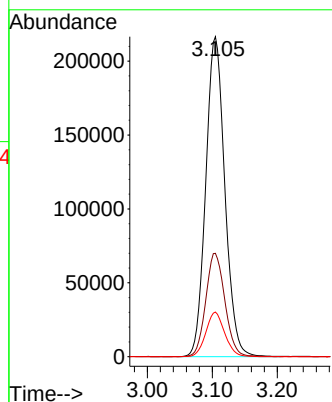


#19
1,1-Dichloroethane
Concen: 49.225 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037730.D
Acq: 04 Oct 2024 08:19

Instrument :
MSVOA_V
ClientSampleId :

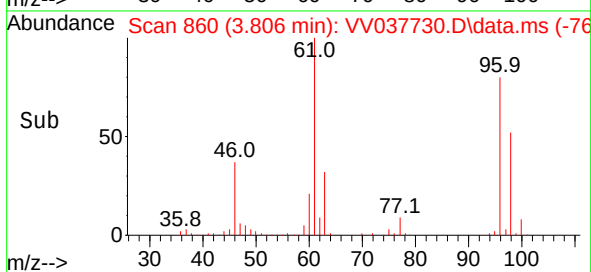
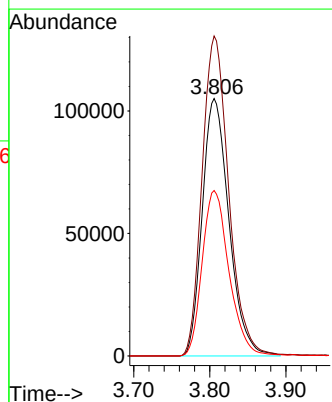
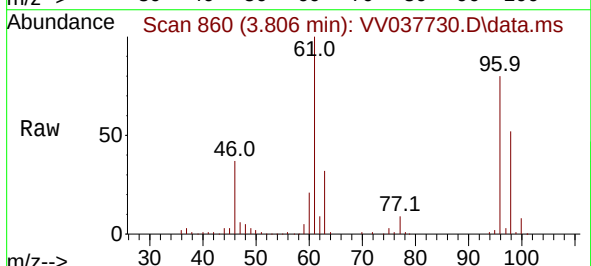


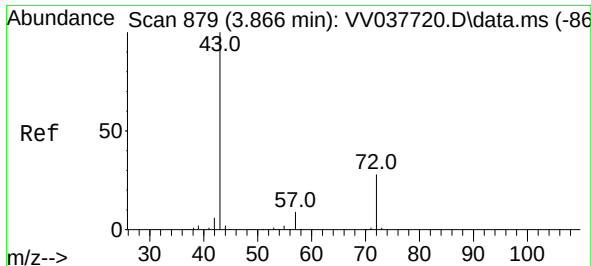
Tgt Ion: 63 Resp: 442984
Ion Ratio Lower Upper
63 100
65 32.3 22.4 41.6
83 13.9 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 48.813 ug/L
RT: 3.806 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV037730.D
Acq: 04 Oct 2024 08:19

Tgt Ion: 96 Resp: 256565
Ion Ratio Lower Upper
96 100
61 124.3 85.0 157.8
98 64.3 44.2 82.0

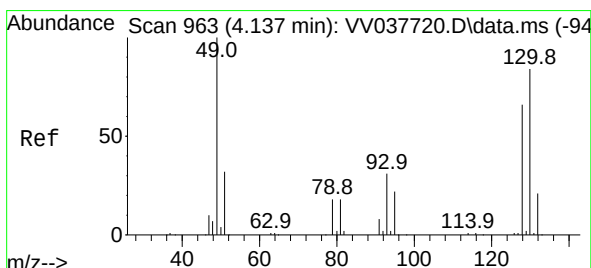
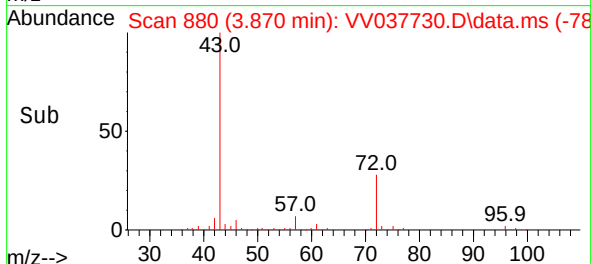
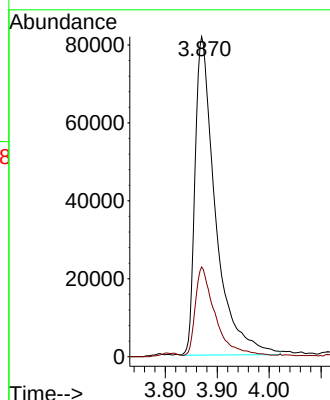
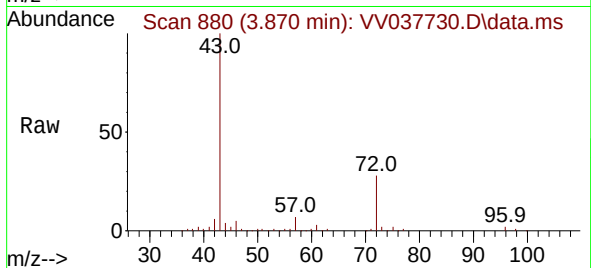




#22
2-Butanone
Concen: 98.696 ug/L
RT: 3.870 min Scan# 879
Delta R.T. 0.003 min
Lab File: VV037730.D
Acq: 04 Oct 2024 08:19

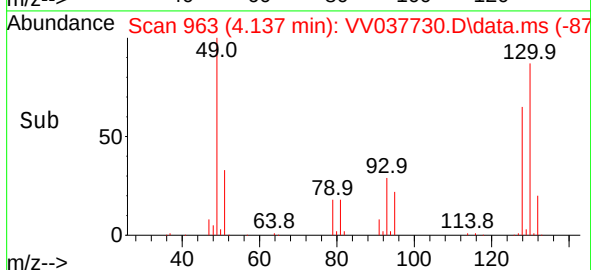
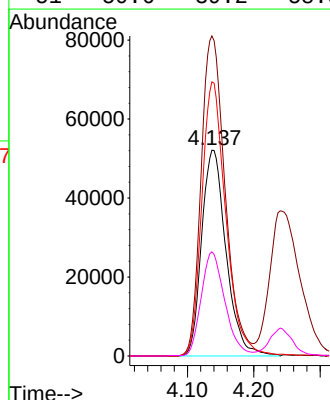
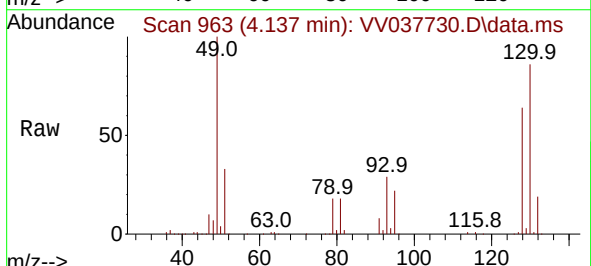
Instrument :
MSVOA_V
ClientSampleId :

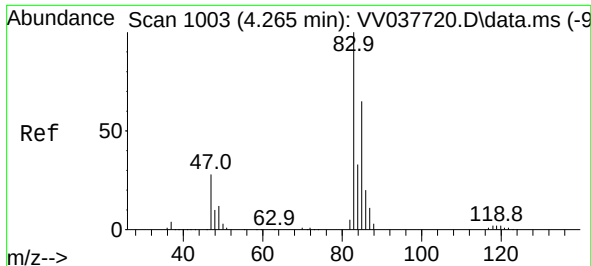
Tgt Ion: 43 Resp: 223297
Ion Ratio Lower Upper
43 100
72 26.4 14.3 42.9



#23
Bromochloromethane
Concen: 48.933 ug/L
RT: 4.137 min Scan# 963
Delta R.T. 0.000 min
Lab File: VV037730.D
Acq: 04 Oct 2024 08:19

Tgt Ion:128 Resp: 133043
Ion Ratio Lower Upper
128 100
49 155.5 108.7 201.9
130 133.2 90.4 168.0
51 50.6 39.2 58.8





#25

Chloroform

Concen: 49.562 ug/L

RT: 4.269 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV037730.D

Acq: 04 Oct 2024 08:19

Instrument :

MSVOA_V

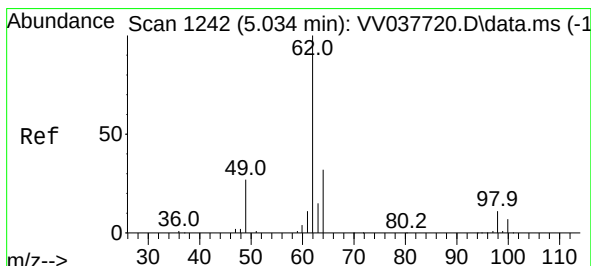
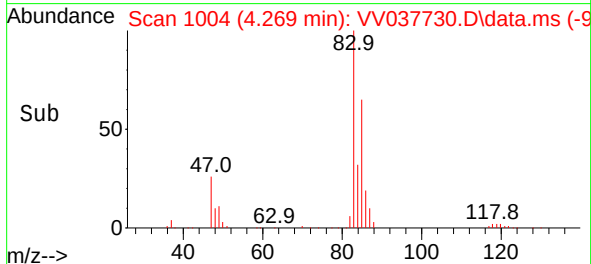
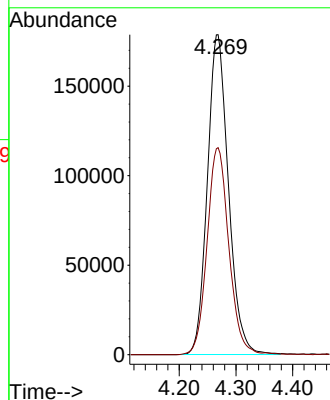
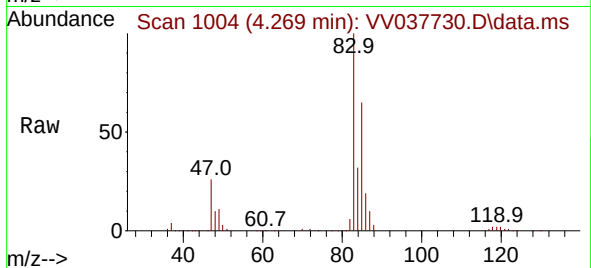
ClientSampleId :

Tgt Ion: 83 Resp: 461782

Ion Ratio Lower Upper

83 100

85 64.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 50.586 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VV037730.D

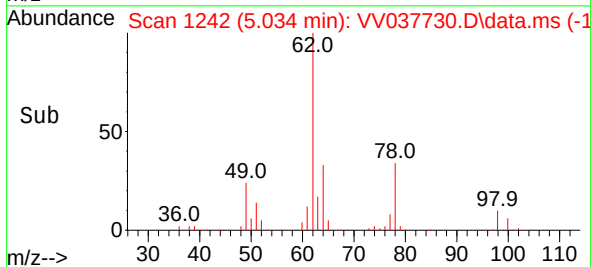
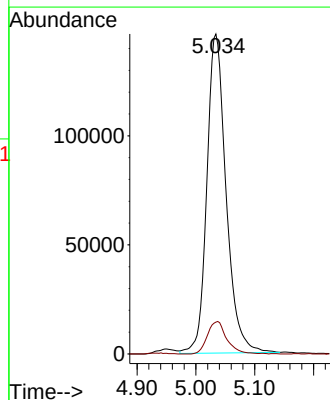
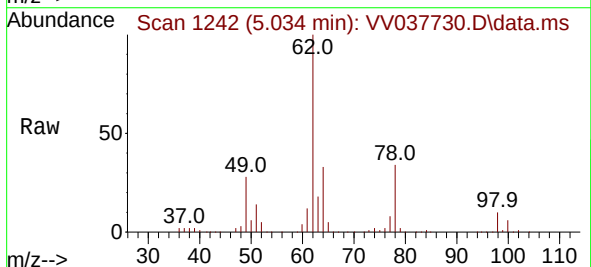
Acq: 04 Oct 2024 08:19

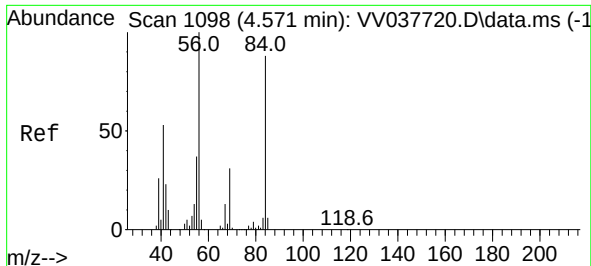
Tgt Ion: 62 Resp: 332735

Ion Ratio Lower Upper

62 100

98 10.0 8.4 12.6





#29

Cyclohexane

Concen: 47.875 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV037730.D

Acq: 04 Oct 2024 08:19

Instrument :

MSVOA_V

ClientSampleId :

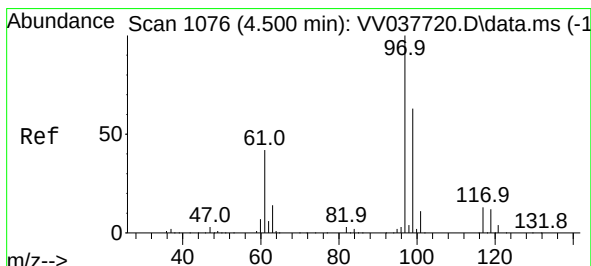
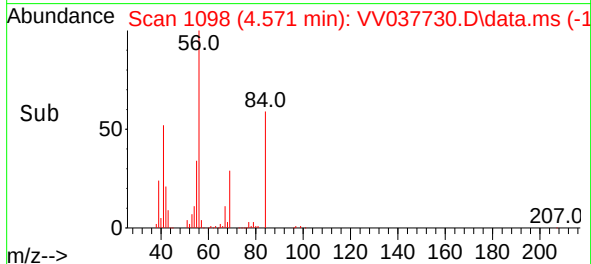
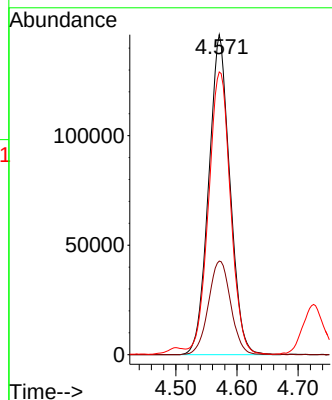
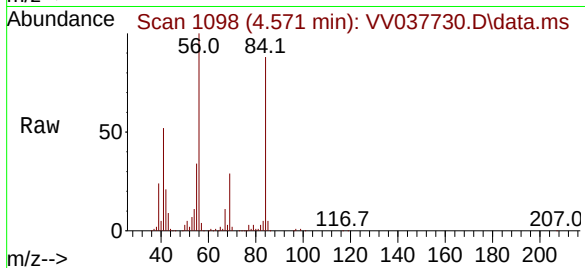
Tgt Ion: 56 Resp: 352758

Ion Ratio Lower Upper

56 100

69 30.8 24.7 37.1

84 91.2 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 49.390 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV037730.D

Acq: 04 Oct 2024 08:19

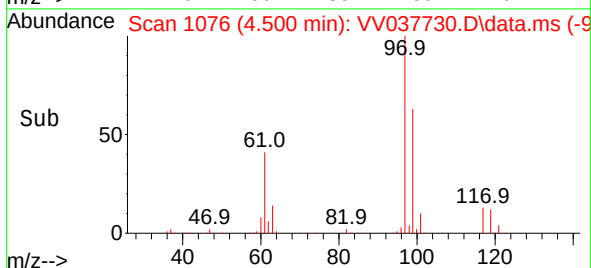
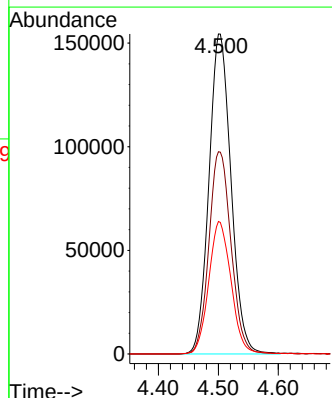
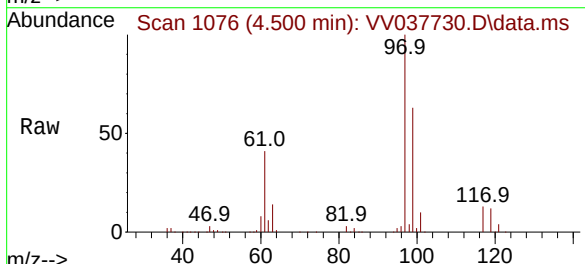
Tgt Ion: 97 Resp: 394759

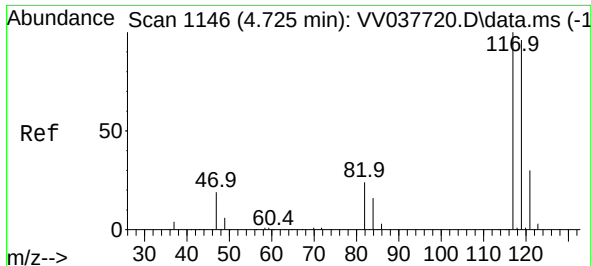
Ion Ratio Lower Upper

97 100

99 63.4 51.8 77.6

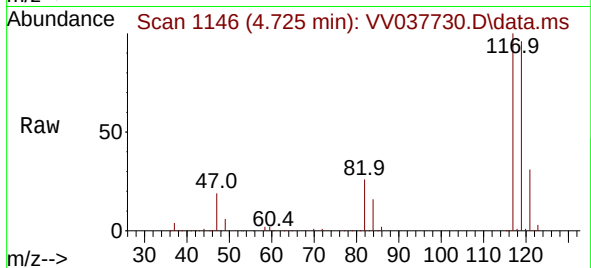
61 41.7 33.6 50.4



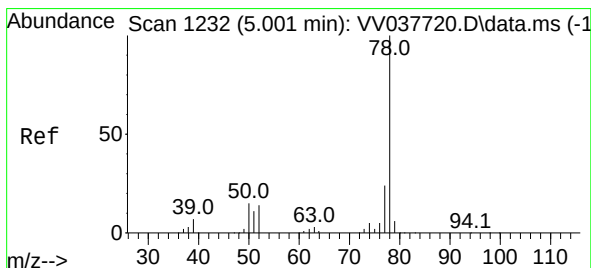
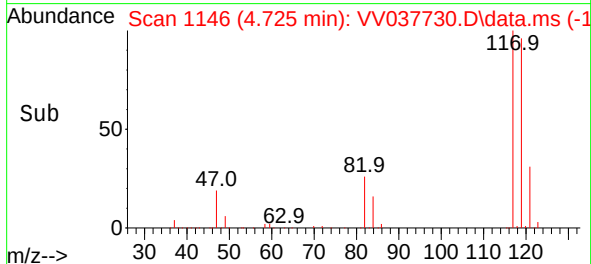
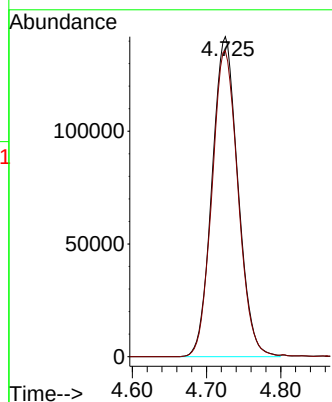


#31
Carbon tetrachloride
Concen: 49.564 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV037730.D
Acq: 04 Oct 2024 08:19

Instrument :
MSVOA_V
ClientSampleId :

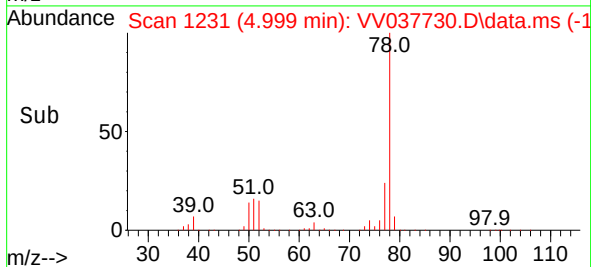
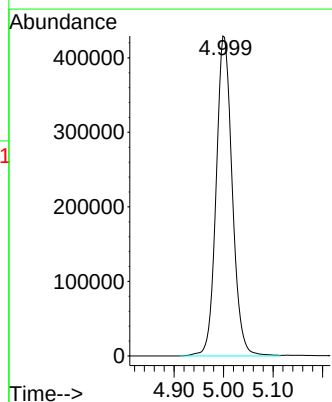
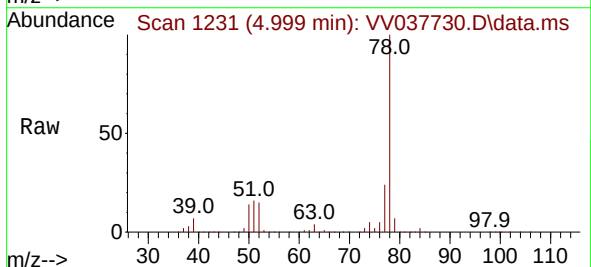


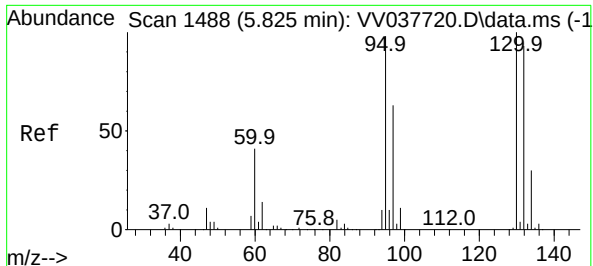
Tgt Ion:117 Resp: 344420
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3



#33
Benzene
Concen: 49.613 ug/L
RT: 4.999 min Scan# 1231
Delta R.T. -0.003 min
Lab File: VV037730.D
Acq: 04 Oct 2024 08:19

Tgt Ion: 78 Resp: 971010

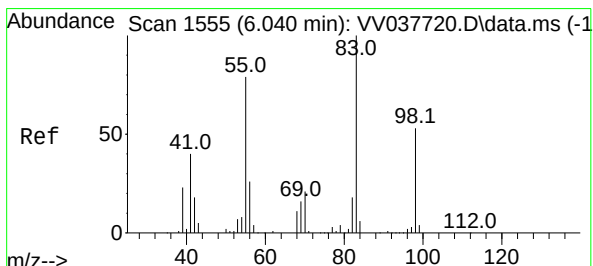
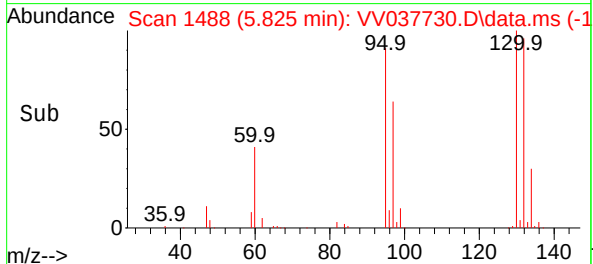
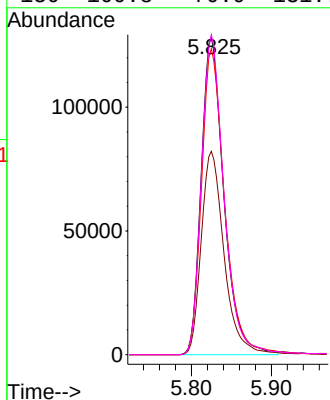
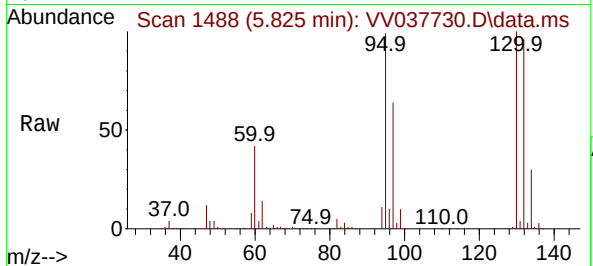




#34
Trichloroethene
Concen: 48.640 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VV037730.D
Acq: 04 Oct 2024 08:19

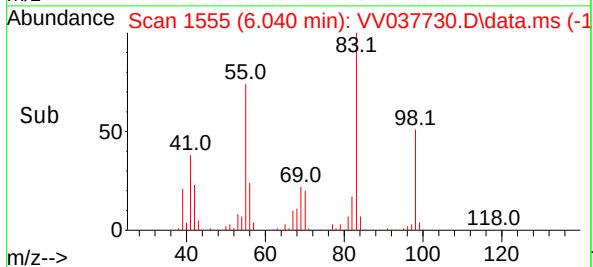
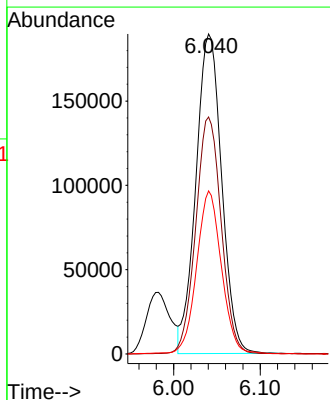
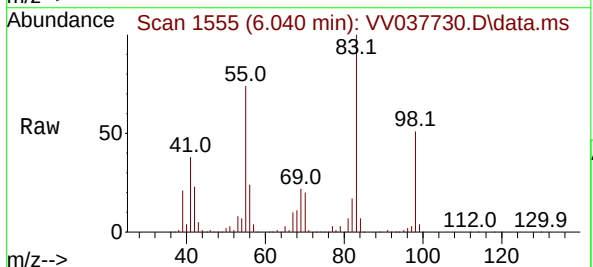
Instrument :
MSVOA_V
ClientSampleId :

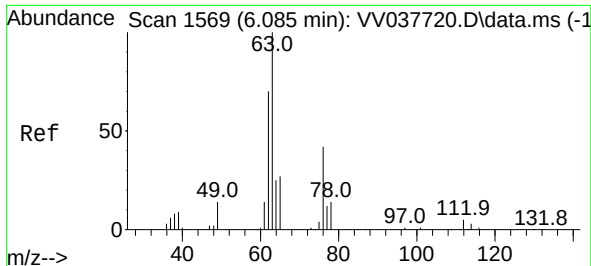
Tgt Ion: 95 Resp: 253521
Ion Ratio Lower Upper
95 100
97 64.0 46.3 85.9
132 96.4 68.6 127.4
130 100.8 70.9 131.7



#35
Methylcyclohexane
Concen: 48.886 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VV037730.D
Acq: 04 Oct 2024 08:19

Tgt Ion: 83 Resp: 391981
Ion Ratio Lower Upper
83 100
55 73.5 57.9 86.9
98 49.1 39.3 58.9

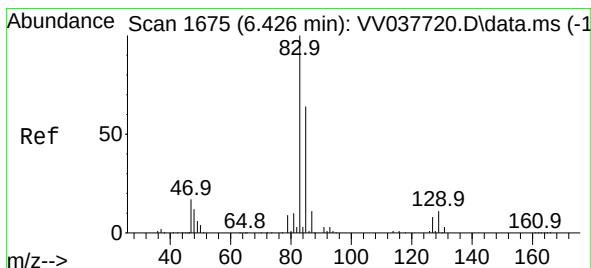
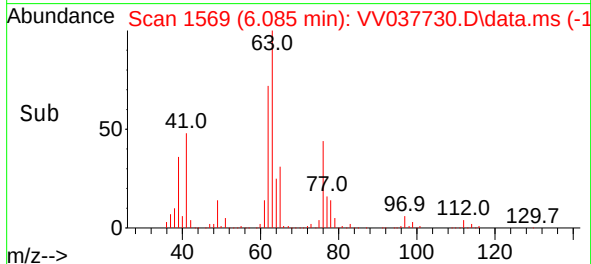
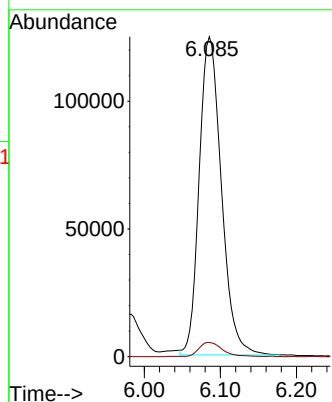
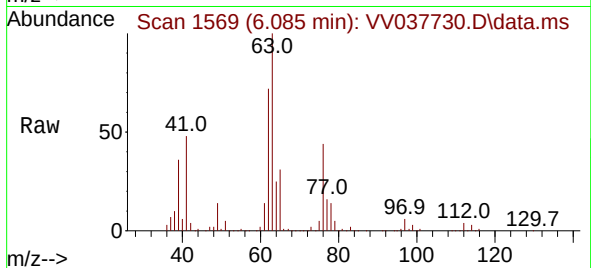




#37
1,2-Dichloropropane
Concen: 49.908 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV037730.D
Acq: 04 Oct 2024 08:19

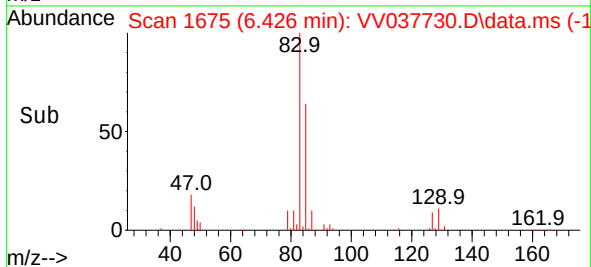
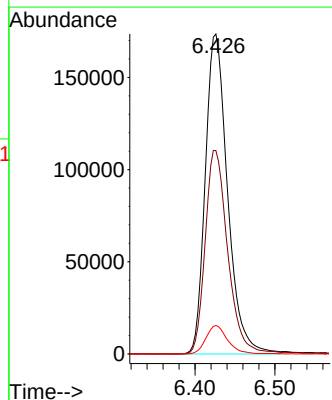
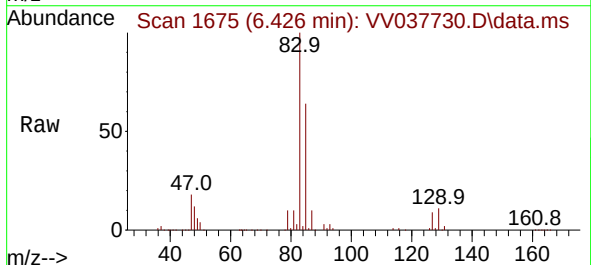
Instrument :
MSVOA_V
ClientSampleId :

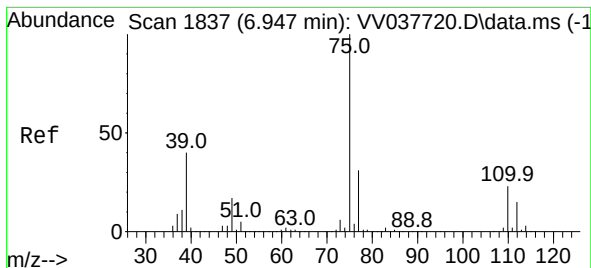
Tgt Ion: 63 Resp: 252237
Ion Ratio Lower Upper
63 100
112 4.8 3.5 5.3



#38
Bromodichloromethane
Concen: 49.835 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV037730.D
Acq: 04 Oct 2024 08:19

Tgt Ion: 83 Resp: 336694
Ion Ratio Lower Upper
83 100
85 63.6 45.7 84.9
127 8.9 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 47.673 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. 0.000 min

Lab File: VV037730.D

Acq: 04 Oct 2024 08:19

Instrument :

MSVOA_V

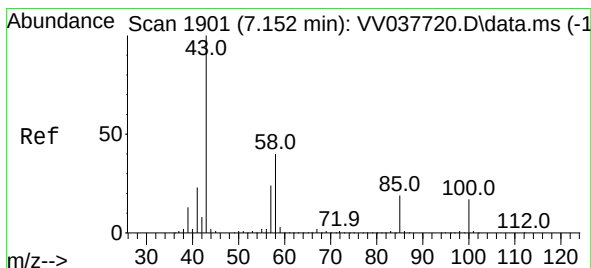
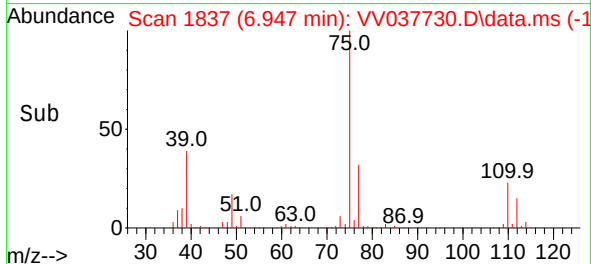
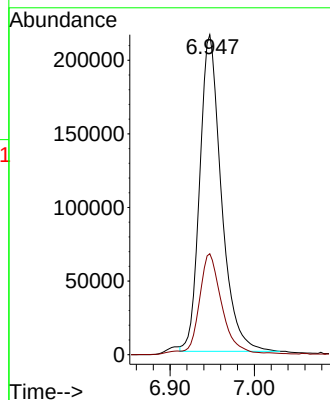
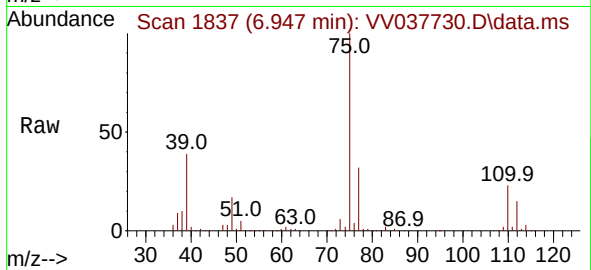
ClientSampleId :

Tgt Ion: 75 Resp: 384604

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 97.538 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VV037730.D

Acq: 04 Oct 2024 08:19

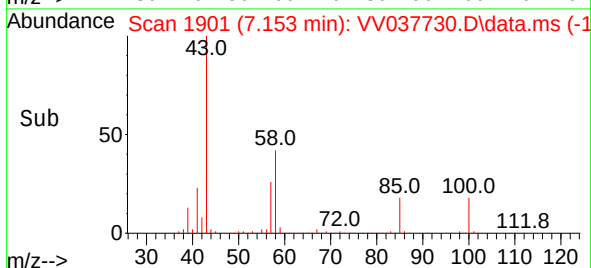
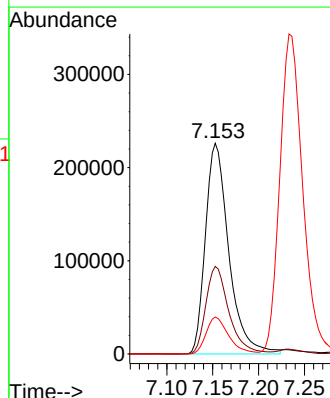
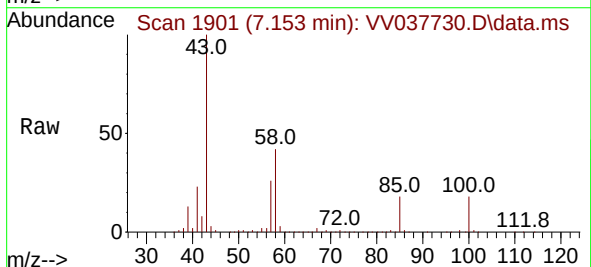
Tgt Ion: 43 Resp: 401371

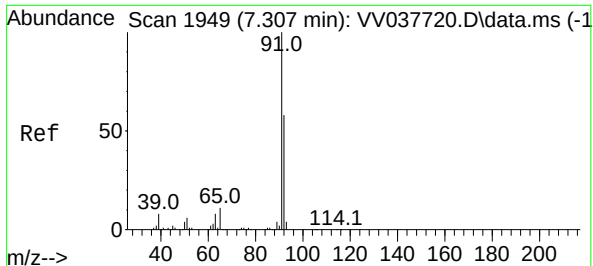
Ion Ratio Lower Upper

43 100

58 40.8 33.0 49.4

100 16.8 13.7 20.5





#42

Toluene

Concen: 50.716 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV037730.D

Acq: 04 Oct 2024 08:19

Instrument :

MSVOA_V

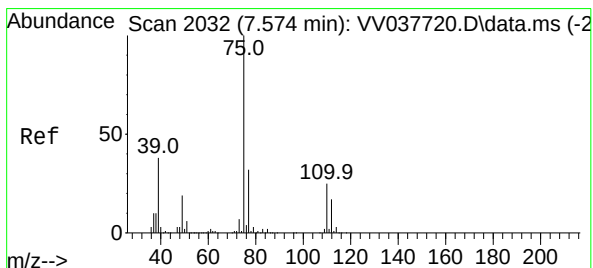
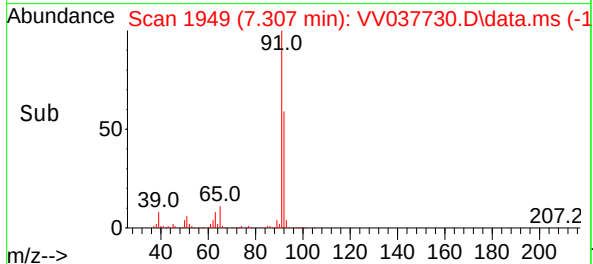
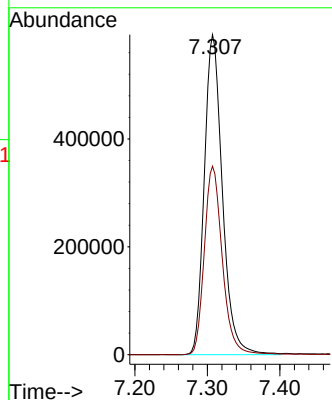
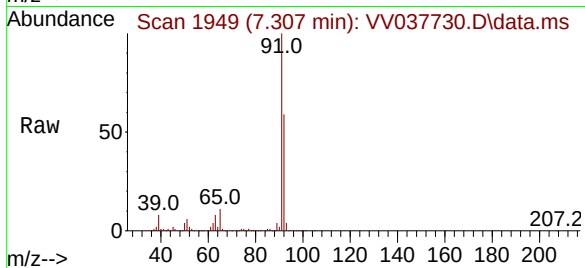
ClientSampleId :

Tgt Ion: 91 Resp: 1029022

Ion Ratio Lower Upper

91 100

92 58.9 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 49.553 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VV037730.D

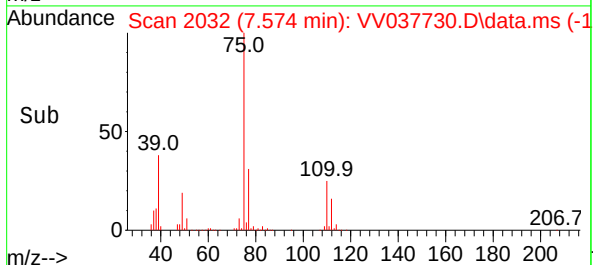
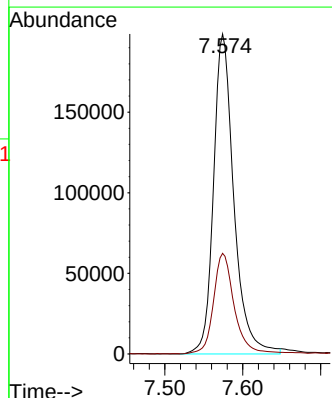
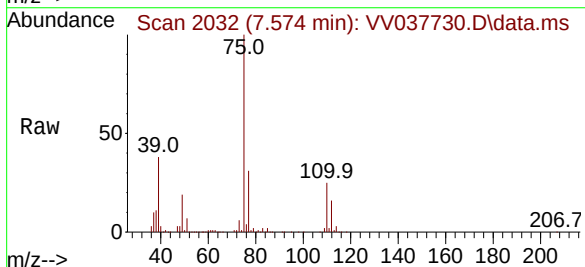
Acq: 04 Oct 2024 08:19

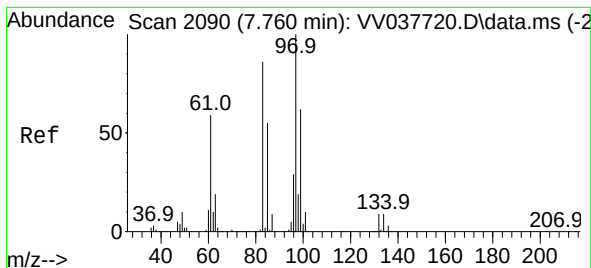
Tgt Ion: 75 Resp: 359919

Ion Ratio Lower Upper

75 100

77 31.4 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 49.244 ug/L

RT: 7.760 min Scan# 2090

Delta R.T. 0.000 min

Lab File: VV037730.D

Acq: 04 Oct 2024 08:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 238973

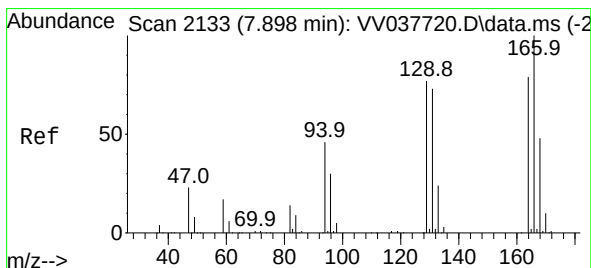
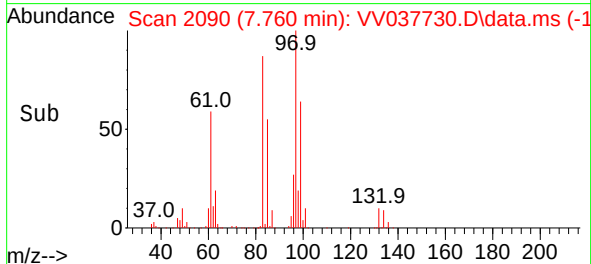
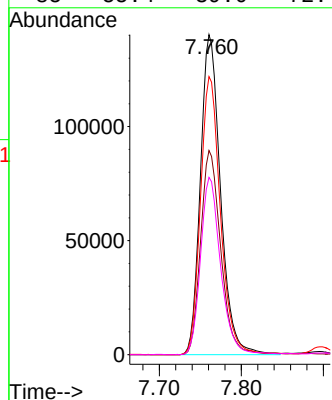
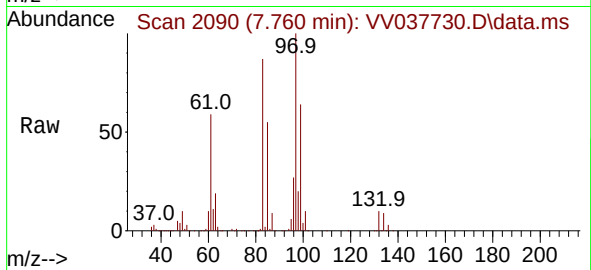
Ion Ratio Lower Upper

97 100

99 63.8 44.1 81.9

83 86.9 59.3 110.1

85 55.4 39.0 72.4



#46

Tetrachloroethene

Concen: 48.750 ug/L

RT: 7.896 min Scan# 2132

Delta R.T. -0.003 min

Lab File: VV037730.D

Acq: 04 Oct 2024 08:19

Tgt Ion: 164 Resp: 194272

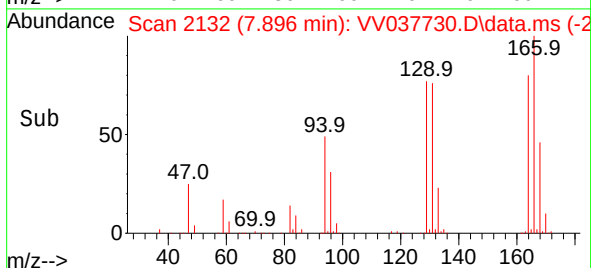
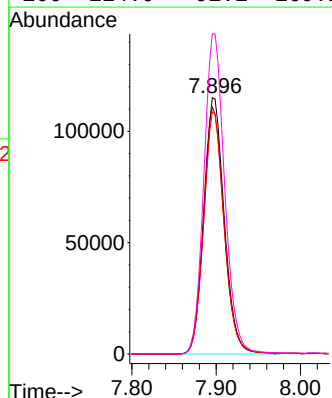
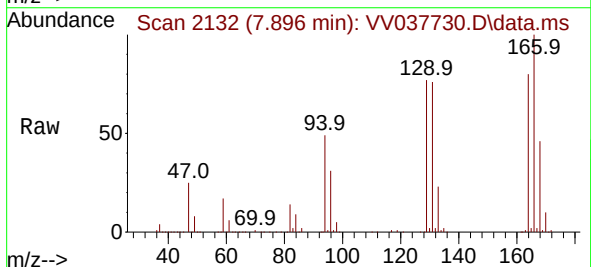
Ion Ratio Lower Upper

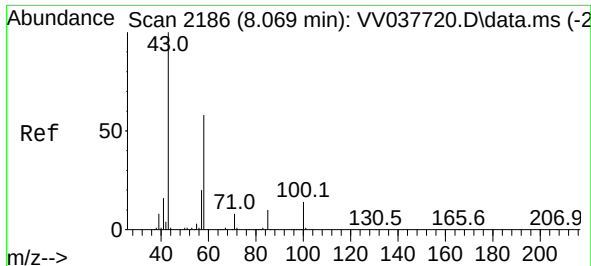
164 100

129 96.3 68.2 126.6

131 94.5 66.1 122.8

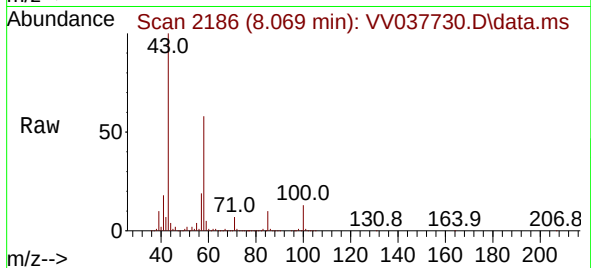
166 124.9 91.1 169.1



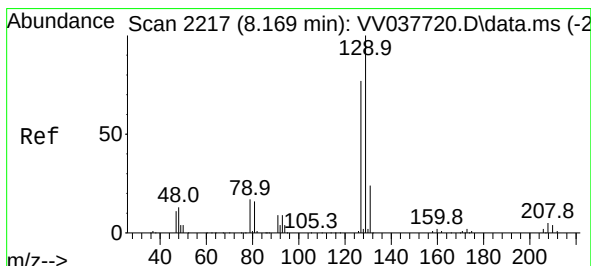
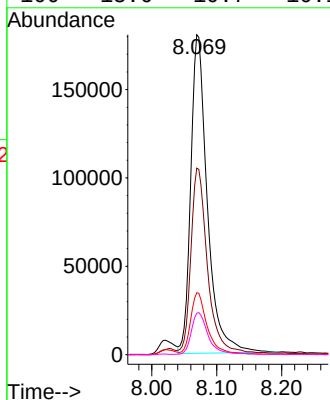
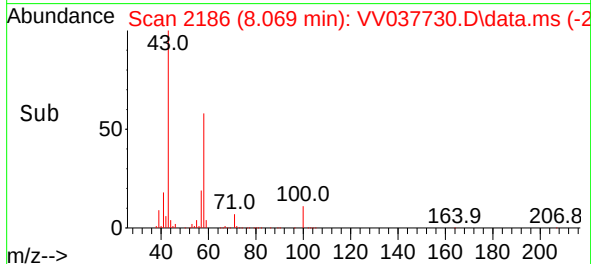


#48
2-Hexanone
Concen: 100.280 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VV037730.D
Acq: 04 Oct 2024 08:19

Instrument :
MSVOA_V
ClientSampleId :

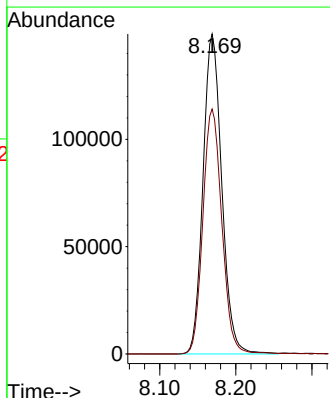
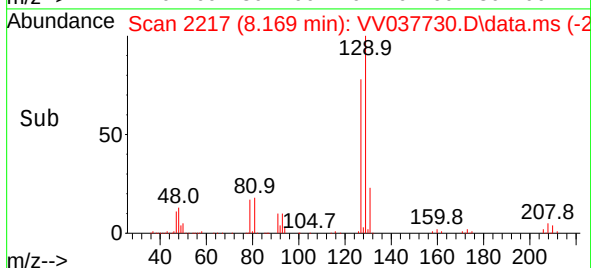
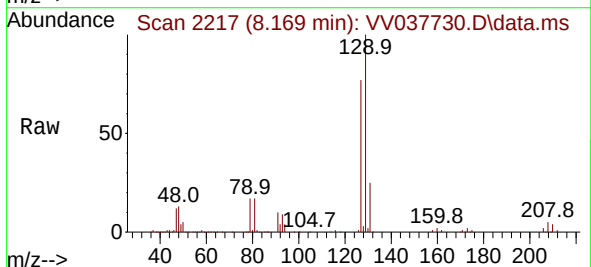


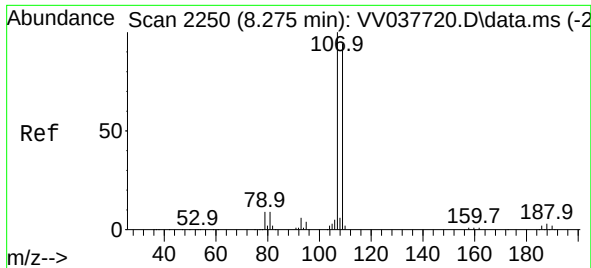
Tgt Ion: 43 Resp: 320870
Ion Ratio Lower Upper
43 100
58 56.6 46.5 69.7
57 19.1 15.1 22.7
100 13.6 10.7 16.1



#49
Dibromochloromethane
Concen: 49.786 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV037730.D
Acq: 04 Oct 2024 08:19

Tgt Ion: 129 Resp: 255708
Ion Ratio Lower Upper
129 100
127 76.6 54.9 101.9

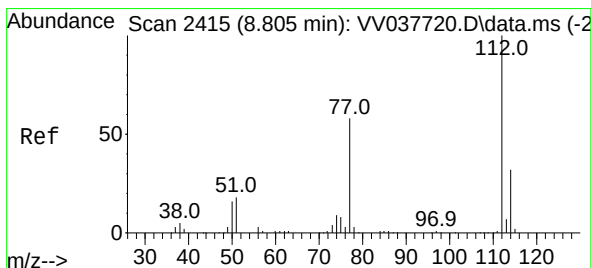
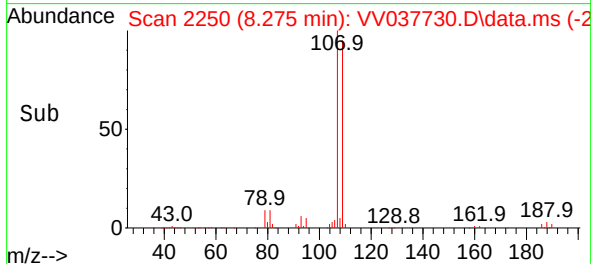
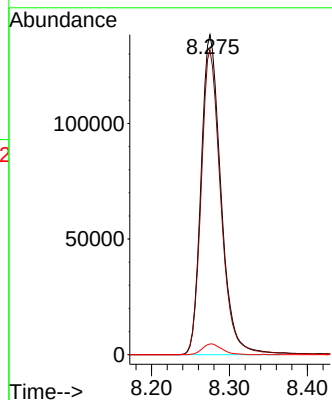
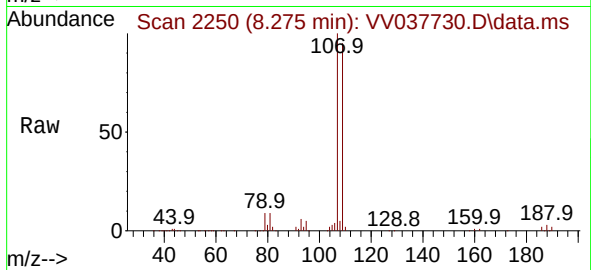




#50
1,2-Dibromoethane
Concen: 48.774 ug/L
RT: 8.275 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037730.D
Acq: 04 Oct 2024 08:19

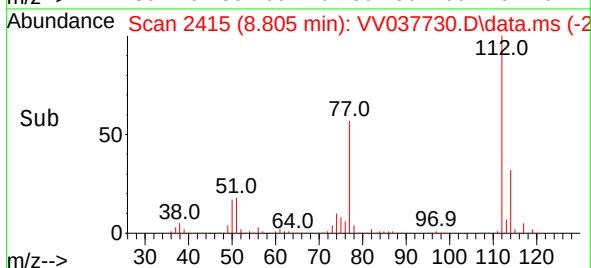
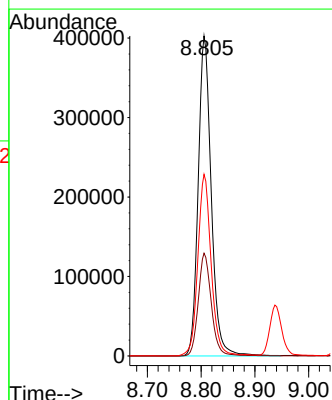
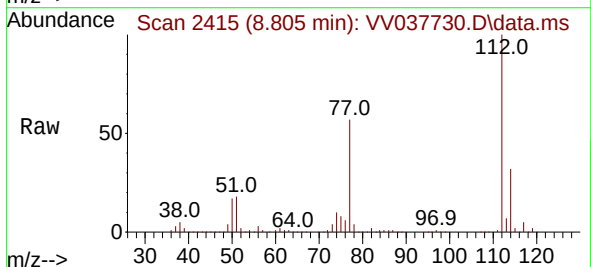
Instrument :
MSVOA_V
ClientSampleId :

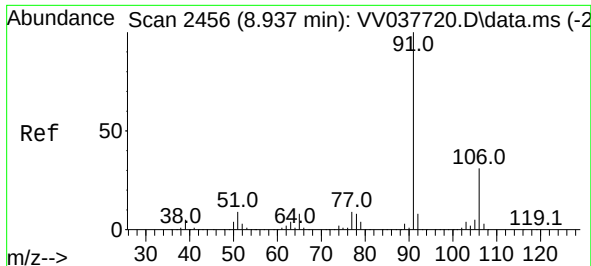
Tgt Ion:107 Resp: 244668
Ion Ratio Lower Upper
107 100
109 95.2 65.7 121.9
188 3.4 2.8 4.2



#51
Chlorobenzene
Concen: 49.195 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV037730.D
Acq: 04 Oct 2024 08:19

Tgt Ion:112 Resp: 680044
Ion Ratio Lower Upper
112 100
114 32.1 22.5 41.7
77 56.8 45.8 68.8





#52

Ethylbenzene

Concen: 49.969 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV037730.D

Acq: 04 Oct 2024 08:19

Instrument :

MSVOA_V

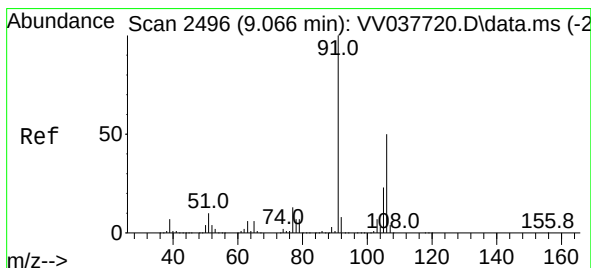
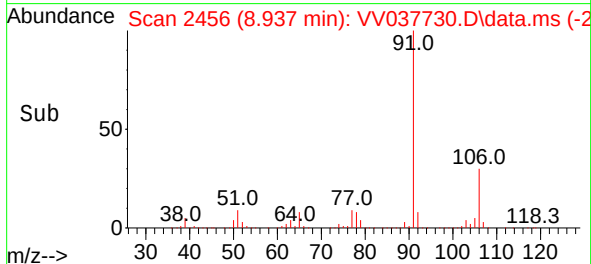
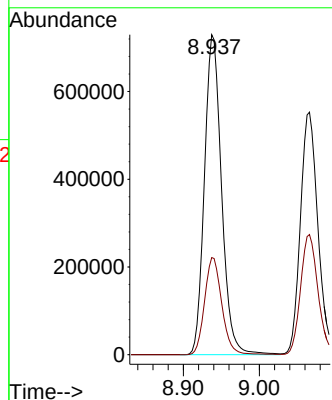
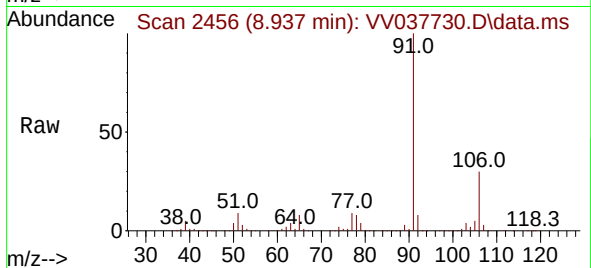
ClientSampleId :

Tgt Ion: 91 Resp: 1141273

Ion Ratio Lower Upper

91 100

106 30.4 21.9 40.7



#53

m,p-Xylene

Concen: 51.408 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV037730.D

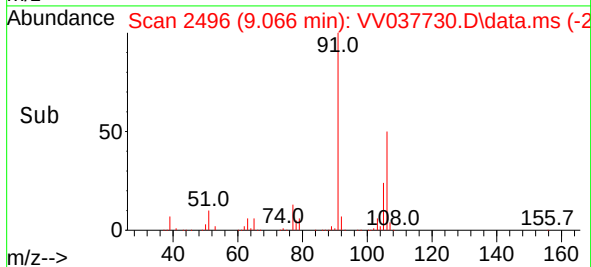
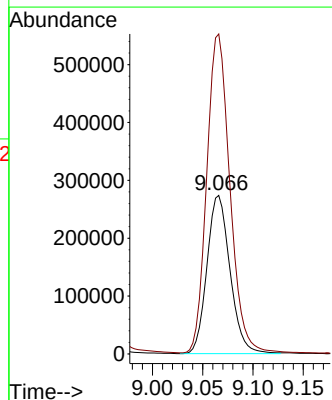
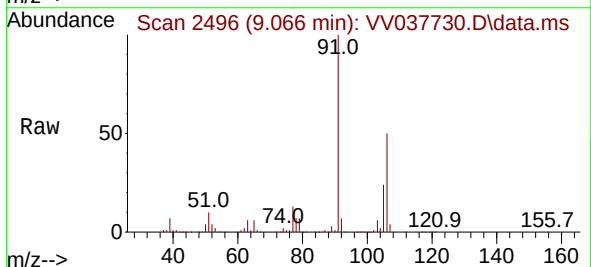
Acq: 04 Oct 2024 08:19

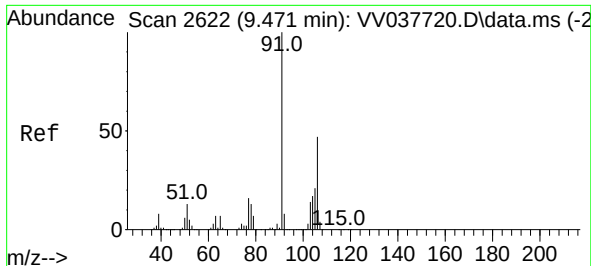
Tgt Ion:106 Resp: 436977

Ion Ratio Lower Upper

106 100

91 201.8 142.0 263.6

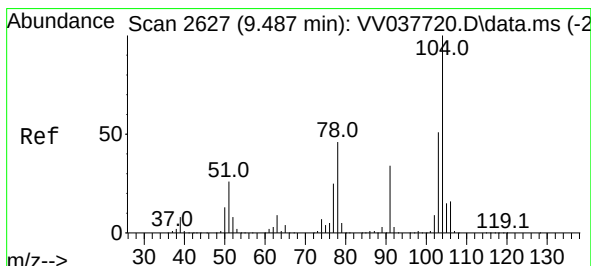
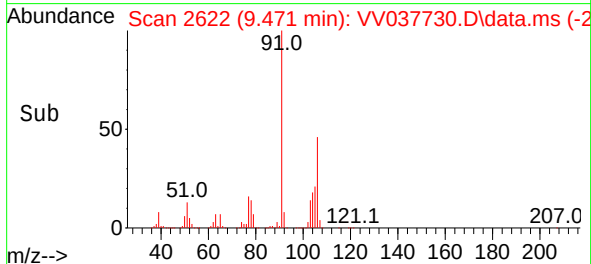
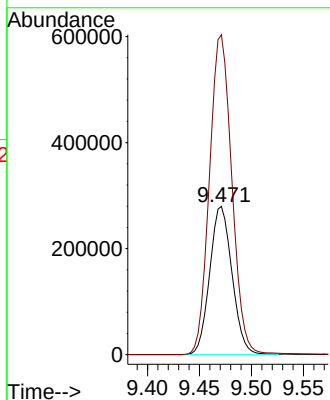
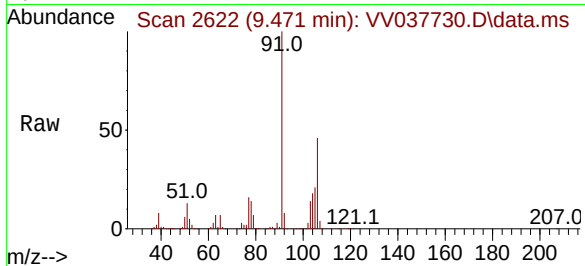




#54
o-Xylene
Concen: 50.318 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV037730.D
Acq: 04 Oct 2024 08:19

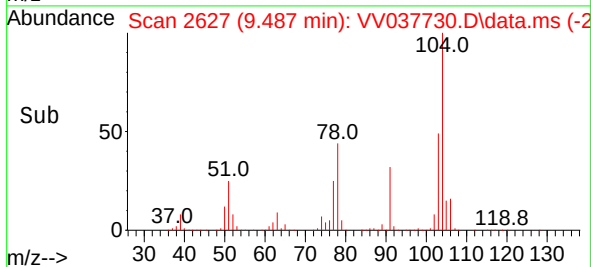
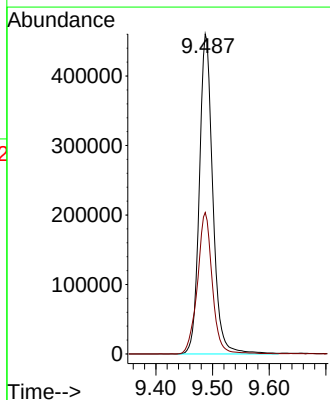
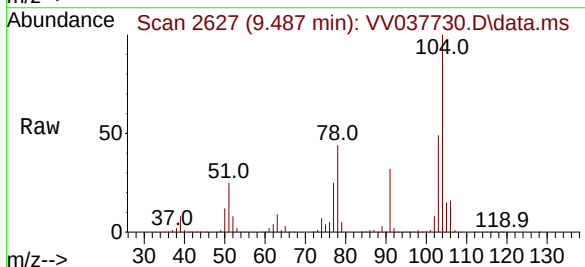
Instrument :
MSVOA_V
ClientSampleId :

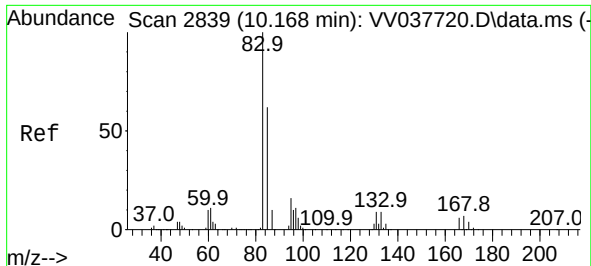
Tgt Ion:106 Resp: 417569
Ion Ratio Lower Upper
106 100
91 215.7 153.9 285.9



#55
Styrene
Concen: 52.678 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV037730.D
Acq: 04 Oct 2024 08:19

Tgt Ion:104 Resp: 761018
Ion Ratio Lower Upper
104 100
78 44.2 30.0 55.6

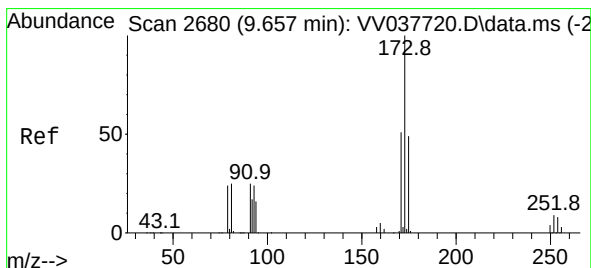
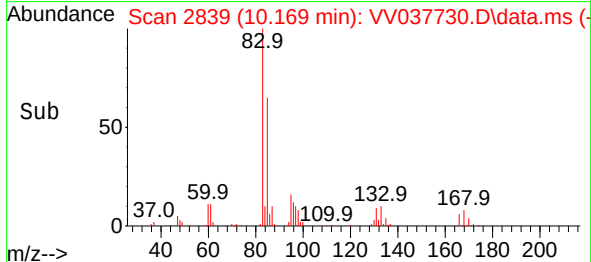
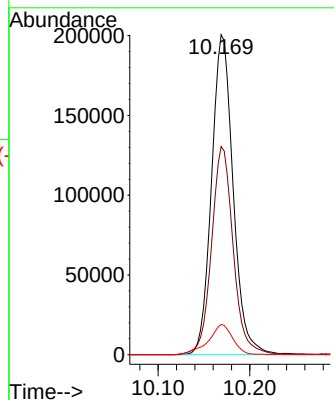
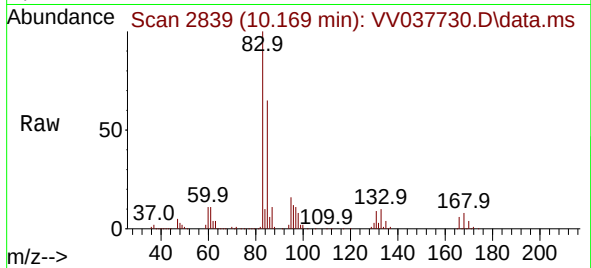




#57
1,1,2,2-Tetrachloroethane
Concen: 48.541 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. 0.000 min
Lab File: VV037730.D
Acq: 04 Oct 2024 08:19

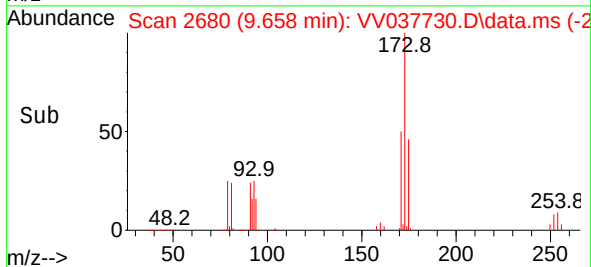
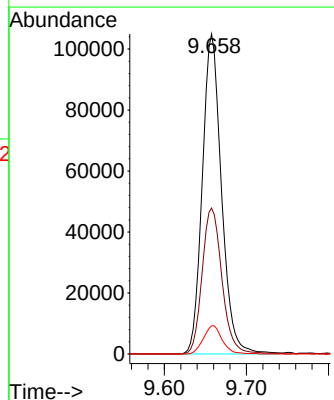
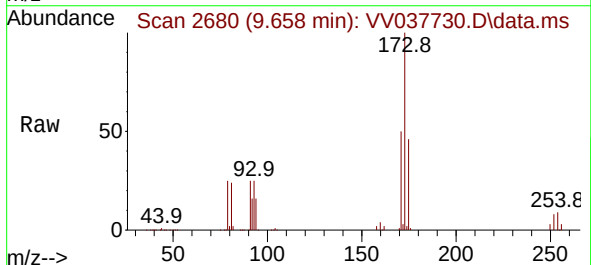
Instrument :
MSVOA_V
ClientSampleId :

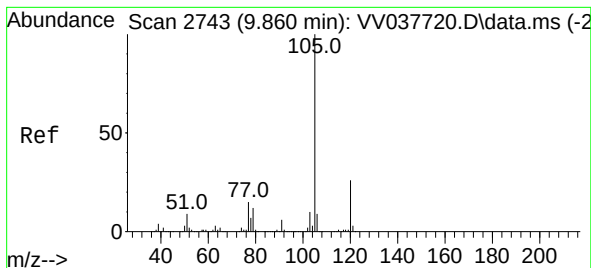
Tgt Ion: 83 Resp: 328426
Ion Ratio Lower Upper
83 100
85 65.1 45.9 85.3
131 9.4 7.9 11.9



#59
Bromoform
Concen: 49.091 ug/L
RT: 9.658 min Scan# 2680
Delta R.T. 0.000 min
Lab File: VV037730.D
Acq: 04 Oct 2024 08:19

Tgt Ion: 173 Resp: 170245
Ion Ratio Lower Upper
173 100
175 47.2 40.0 60.0
254 8.6 6.5 9.7





#60

Isopropylbenzene

Concen: 49.490 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037730.D

Acq: 04 Oct 2024 08:19

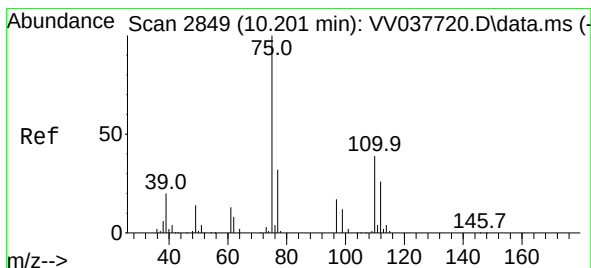
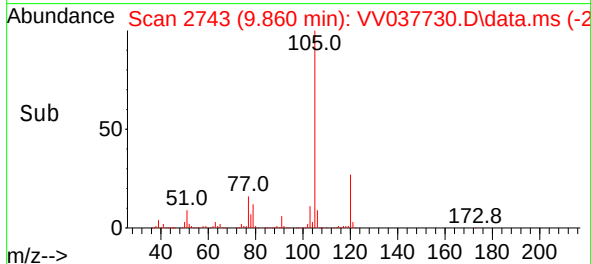
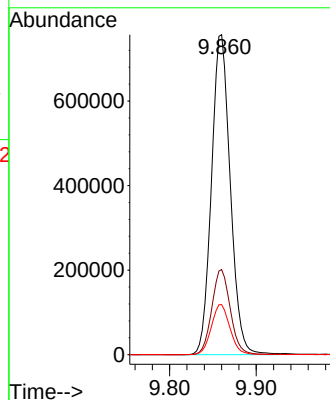
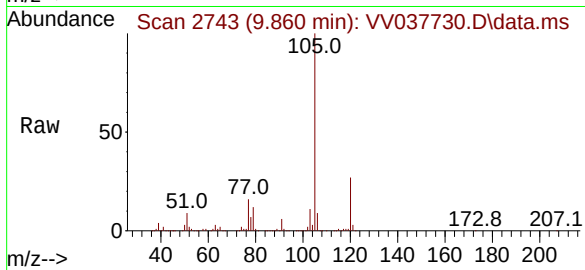
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:105 Resp: 1141666

Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.7	31.1
77	15.5	12.2	18.2



#61

1,2,3-Trichloropropane

Concen: 46.095 ug/L

RT: 10.201 min Scan# 2849

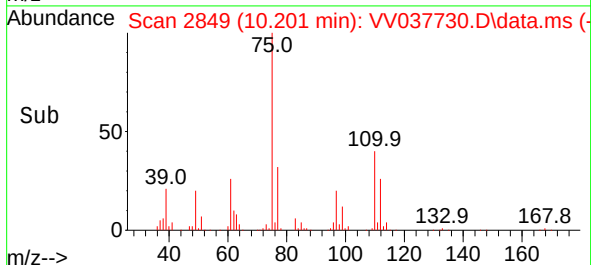
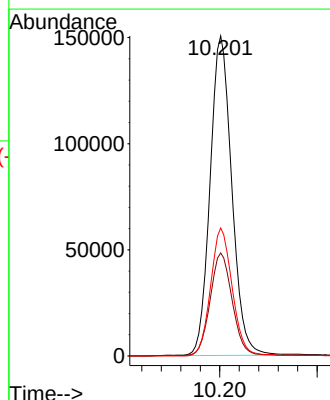
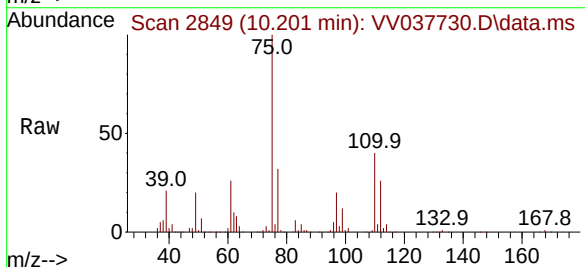
Delta R.T. 0.000 min

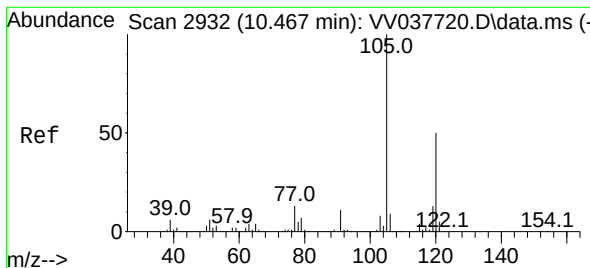
Lab File: VV037730.D

Acq: 04 Oct 2024 08:19

Tgt Ion: 75 Resp: 232732

Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.4	38.0
110	39.8	31.7	47.5





#62

1,3,5-Trimethylbenzene

Concen: 49.987 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV037730.D

Acq: 04 Oct 2024 08:19

Instrument :

MSVOA_V

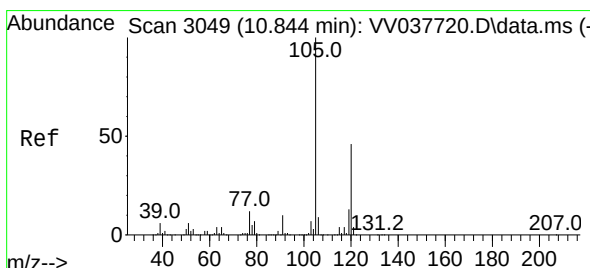
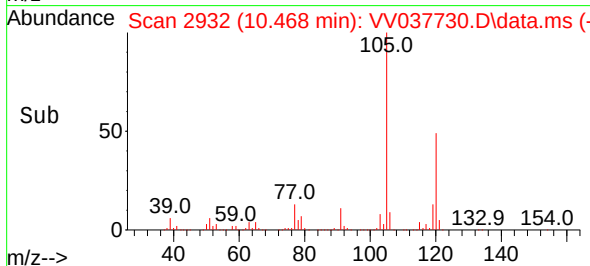
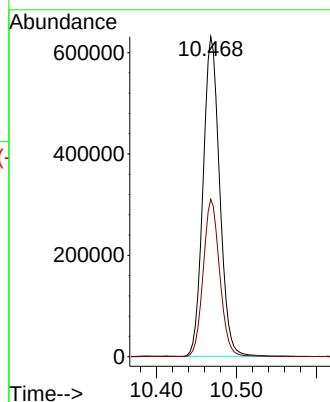
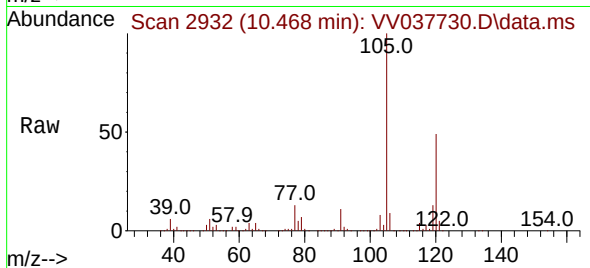
ClientSampleId :

Tgt Ion:105 Resp: 911661

Ion Ratio Lower Upper

105 100

120 48.8 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 50.381 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037730.D

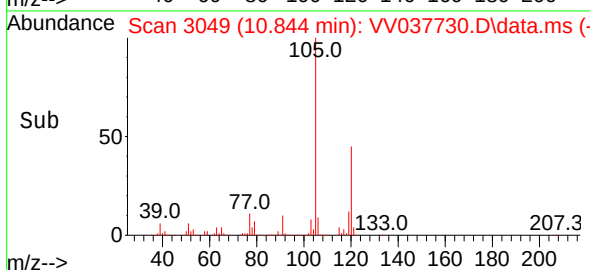
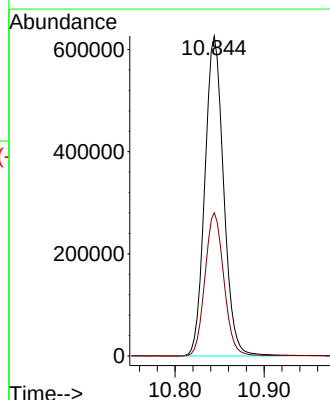
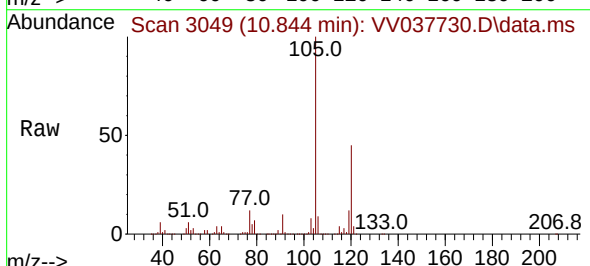
Acq: 04 Oct 2024 08:19

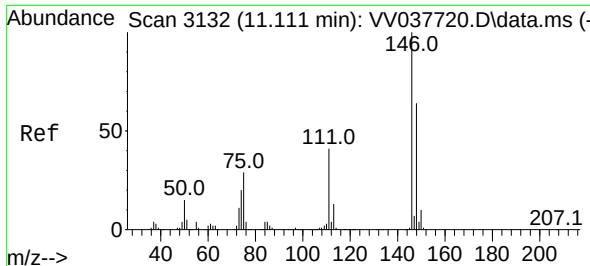
Tgt Ion:105 Resp: 914232

Ion Ratio Lower Upper

105 100

120 45.0 36.2 54.2

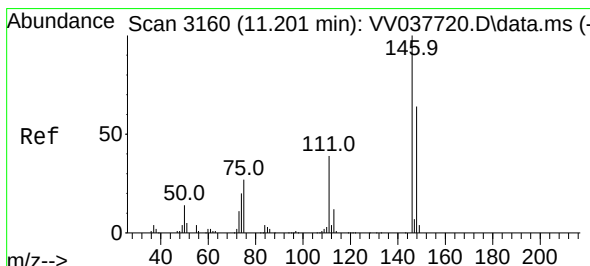
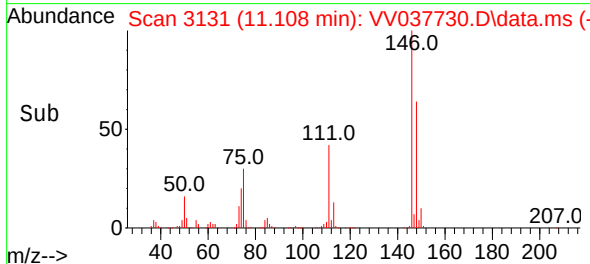
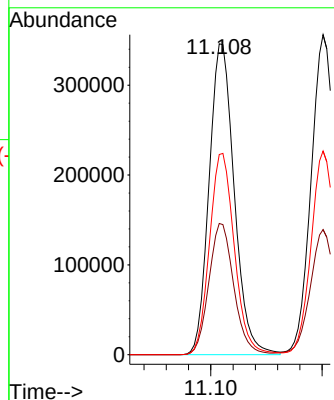
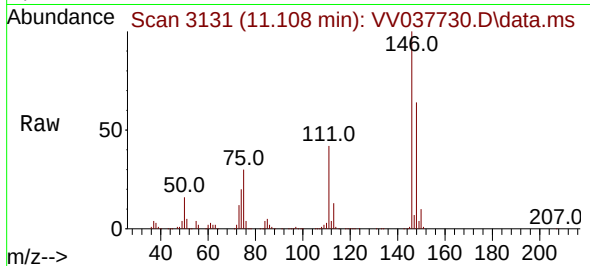




#64
1,3-Dichlorobenzene
Concen: 48.890 ug/L
RT: 11.108 min Scan# 3132
Delta R.T. -0.003 min
Lab File: VV037730.D
Acq: 04 Oct 2024 08:19

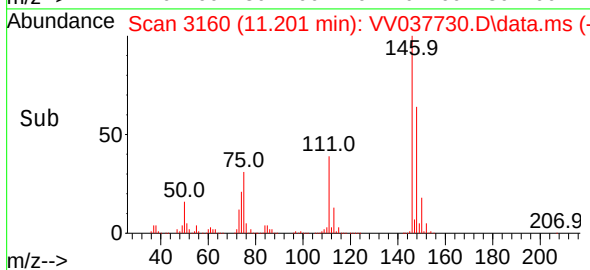
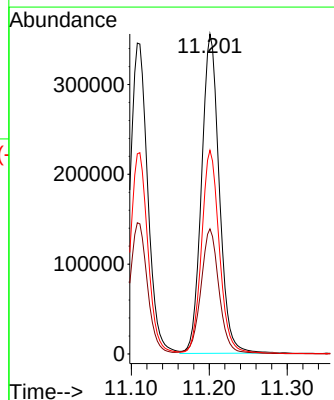
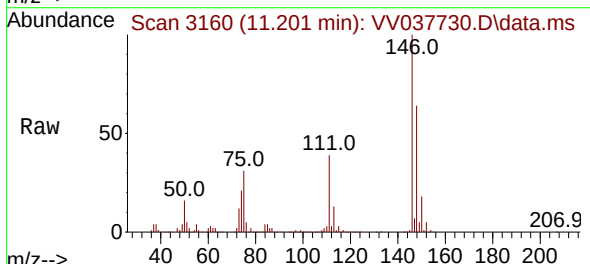
Instrument :
MSVOA_V
ClientSampleId :

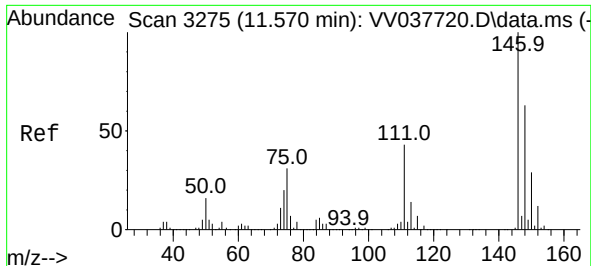
Tgt Ion:146 Resp: 542855
Ion Ratio Lower Upper
146 100
111 42.2 28.3 52.5
148 64.4 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 48.626 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV037730.D
Acq: 04 Oct 2024 08:19

Tgt Ion:146 Resp: 562220
Ion Ratio Lower Upper
146 100
111 39.1 27.6 51.4
148 63.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 48.252 ug/L

RT: 11.571 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037730.D

Acq: 04 Oct 2024 08:19

Instrument :

MSVOA_V

ClientSampleId :

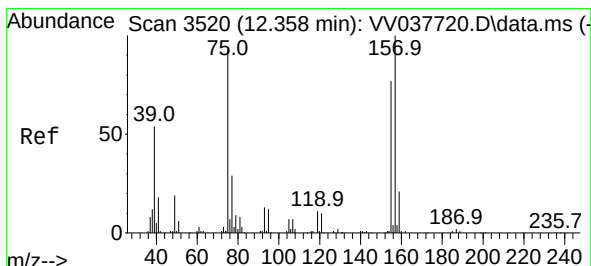
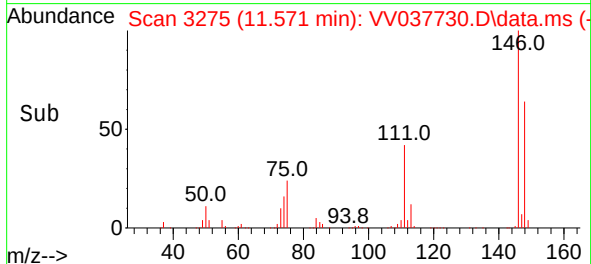
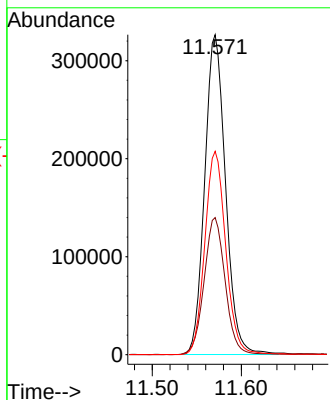
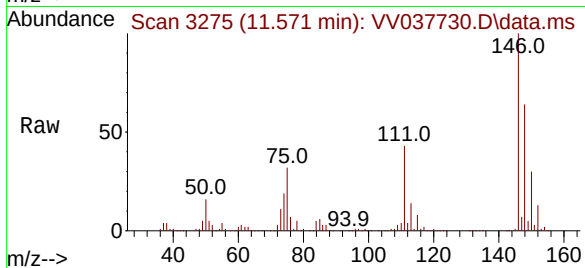
Tgt Ion:146 Resp: 529641

Ion Ratio Lower Upper

146 100

111 42.8 34.2 51.2

148 63.6 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 44.285 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV037730.D

Acq: 04 Oct 2024 08:19

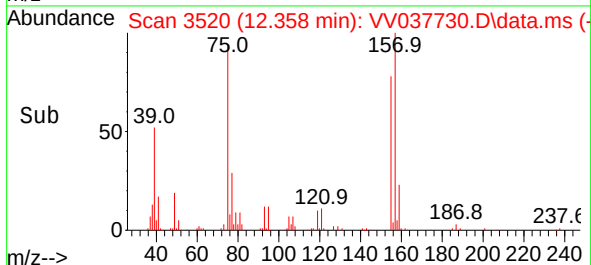
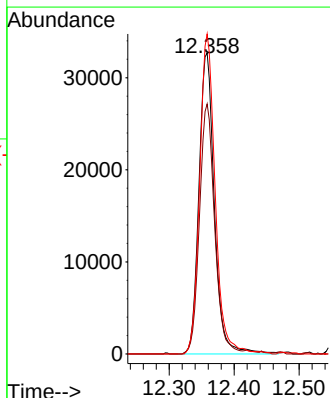
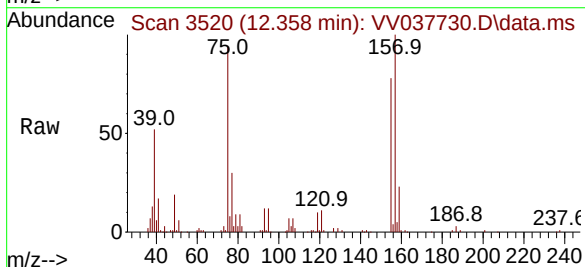
Tgt Ion: 75 Resp: 54276

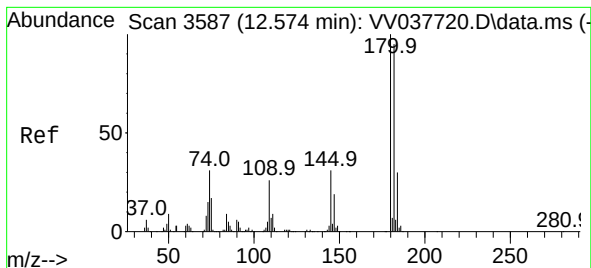
Ion Ratio Lower Upper

75 100

155 83.1 66.2 99.4

157 106.3 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 47.690 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

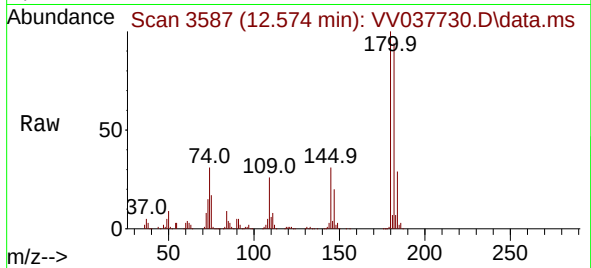
Lab File: VV037730.D

Acq: 04 Oct 2024 08:19

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 364149

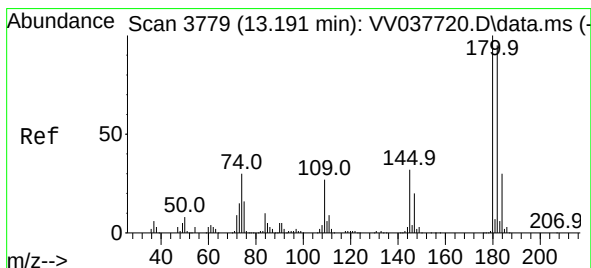
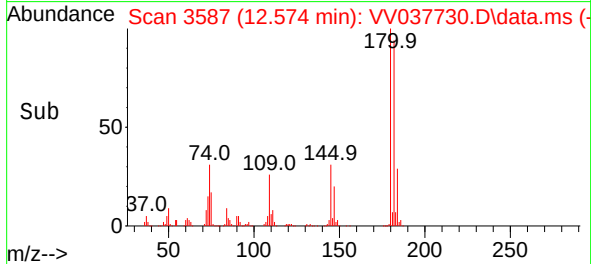
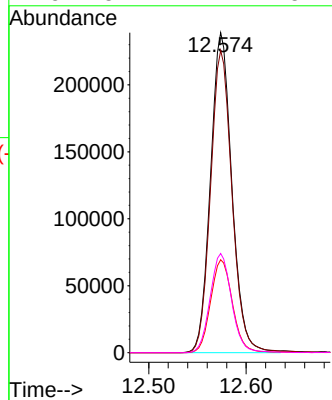
Ion Ratio Lower Upper

180 100

182 94.7 75.6 113.4

184 29.5 23.8 35.6

145 31.2 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 45.953 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037730.D

Acq: 04 Oct 2024 08:19

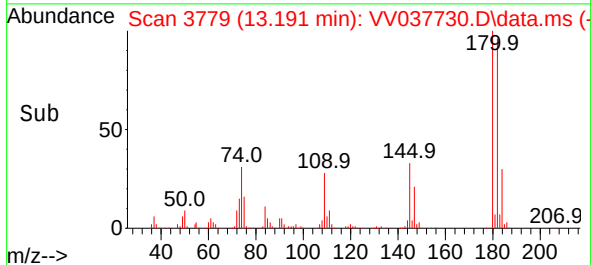
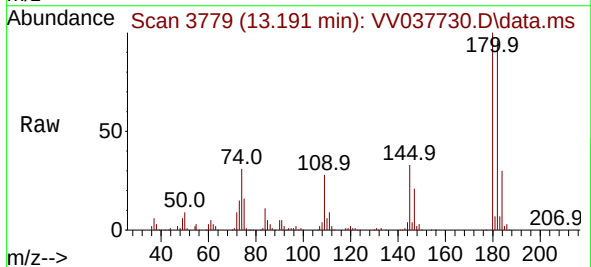
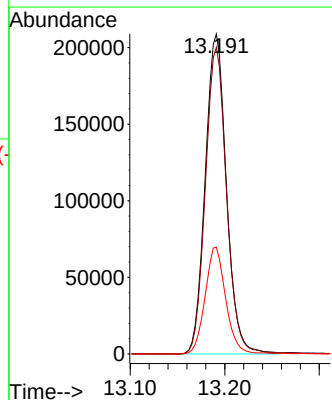
Tgt Ion:180 Resp: 325551

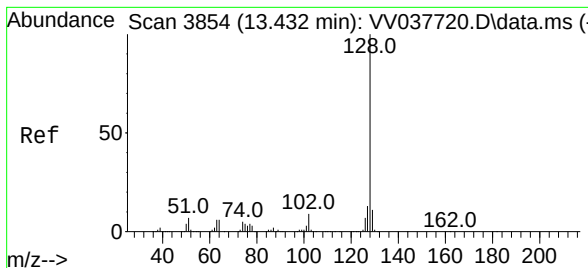
Ion Ratio Lower Upper

180 100

182 95.4 75.9 113.9

145 32.2 25.4 38.2





#71

Naphthalene

Concen: 43.404 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037730.D

Acq: 04 Oct 2024 08:19

Instrument :

MSVOA_V

ClientSampleId :

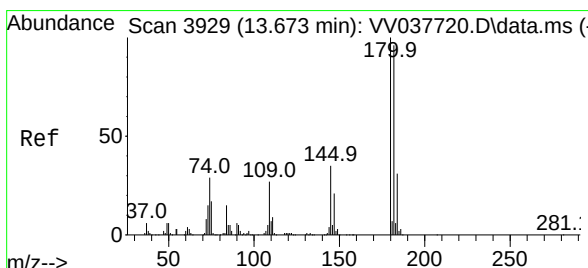
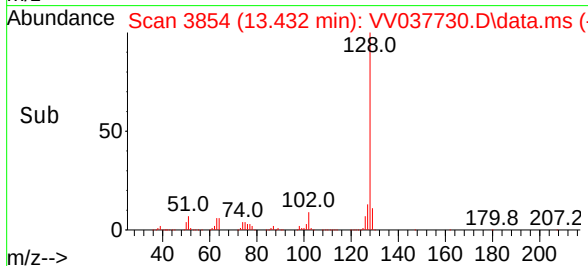
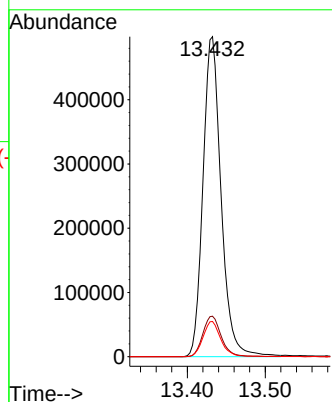
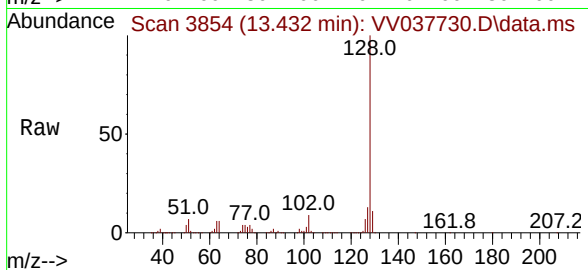
Tgt Ion:128 Resp: 803381

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 46.840 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. -0.003 min

Lab File: VV037730.D

Acq: 04 Oct 2024 08:19

Tgt Ion:180 Resp: 327696

Ion Ratio Lower Upper

180 100

182 94.0 75.8 113.8

145 33.3 26.2 39.4

