

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW033023\
 Data File : VW030363.D
 Acq On : 30 Mar 2023 16:44
 Operator : SY/MD
 Sample : 02092-22
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB996

Quant Time: Mar 31 05:42:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	131942	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	124748	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	67448	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	34019	3.893	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.532	69	37328	4.402	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.060	63	58519	2.822	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.400%#
20) 2-Butanone-d5	3.838	46	100649	44.561	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.120%
24) Chloroform-d	4.259	84	102959	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	4.953	65	53360	5.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	4.970	84	180404	5.132	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	5.998	67	59635	5.419	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.400%
41) Toluene-d8	7.249	98	149252	4.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	7.561	79	19429	4.689	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.037	63	87326	52.446	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.900%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	44950	5.182	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	11.571	152	70218	5.825	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.114	85	2121	0.126	ug/L #	84
3) Chloromethane	1.214	50	4696	0.222	ug/L	99
13) Acetone	2.175	43	21202	9.816	ug/L	79
15) Methyl Acetate	2.474	43	943	0.244	ug/L #	56
30) Cyclohexane	4.587	56	2922	0.160	ug/L	93
33) Benzene	5.024	78	11714	0.264	ug/L	100
35) Methylcyclohexane	6.053	83	3035	0.162	ug/L	89
42) Toluene	7.330	91	5236	0.111	ug/L	94
44) trans-1,3-Dichloropropene	7.564	75	1258	0.092	ug/L #	61
51) Chlorobenzene	8.822	112	22853	0.756	ug/L	98
52) Ethylbenzene	8.960	91	2295	0.044	ug/L	91
53) m,p-Xylene	9.082	106	3804	0.192	ug/L	90
54) o-Xylene	9.487	106	3764	0.199	ug/L	94
60) Isopropylbenzene	9.876	105	23324	0.469	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	5731	0.139	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	3003	0.120	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.362	75	314	0.209	ug/L #	3
71) Naphthalene	13.448	128	24074	1.143	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
Data File : VV030363.D
Acq On : 30 Mar 2023 16:44
Operator : SY/MD
Sample : 02092-22
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB996

Quant Time: Mar 31 05:42:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 31 05:37:21 2023
Response via : Initial Calibration

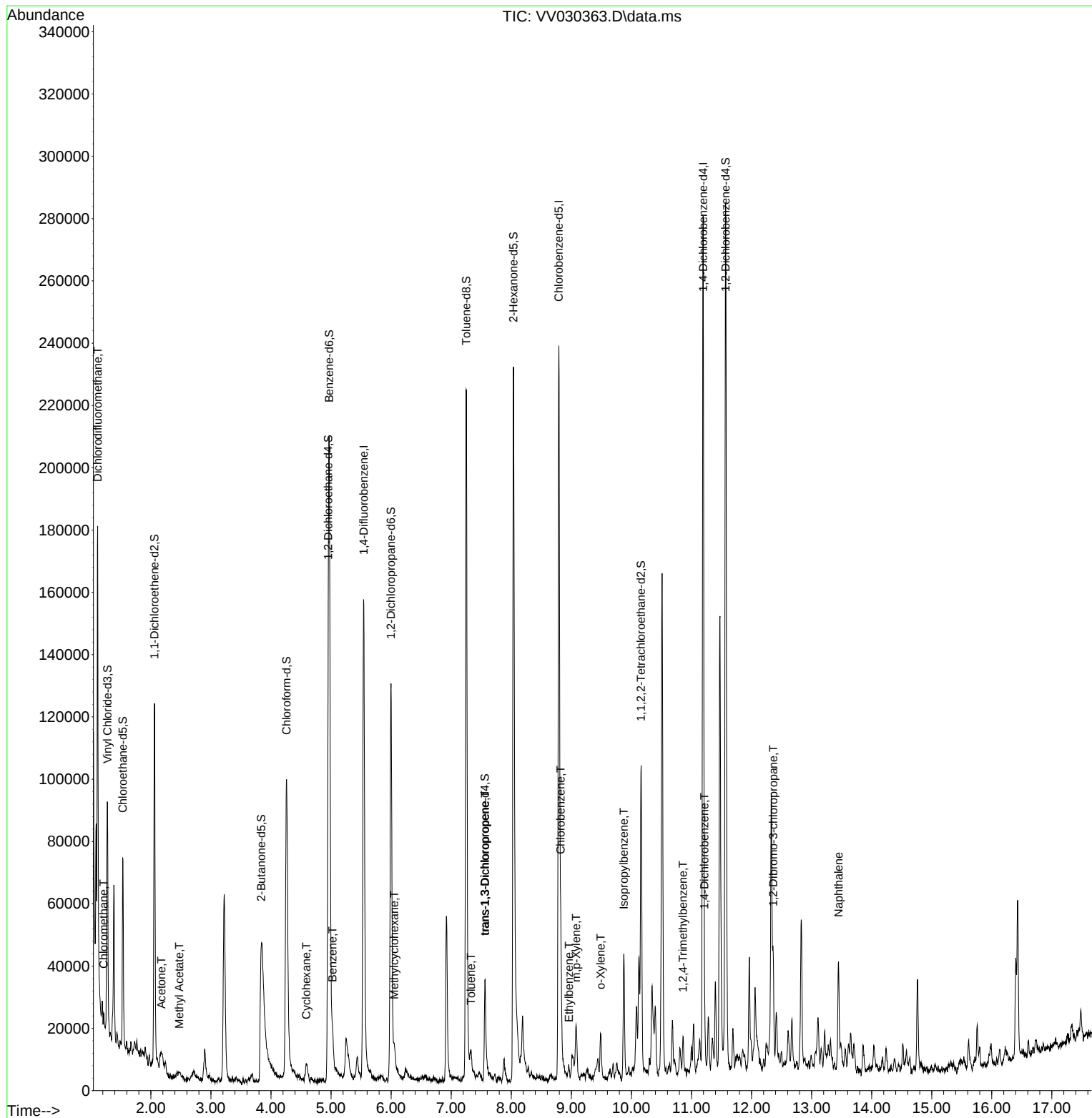
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

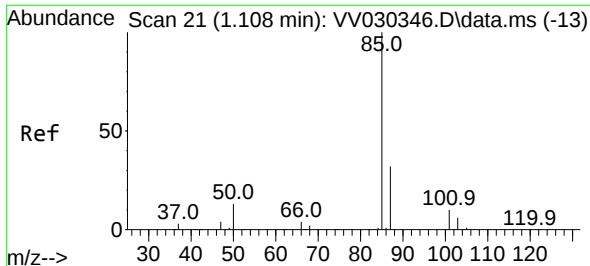
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
Data File : VV030363.D
Acq On : 30 Mar 2023 16:44
Operator : SY/MD
Sample : 02092-22
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB996

Quant Time: Mar 31 05:42:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 31 05:37:21 2023
Response via : Initial Calibration

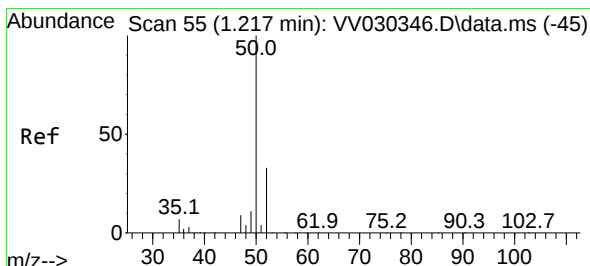
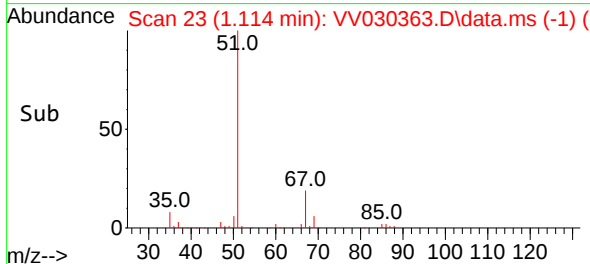
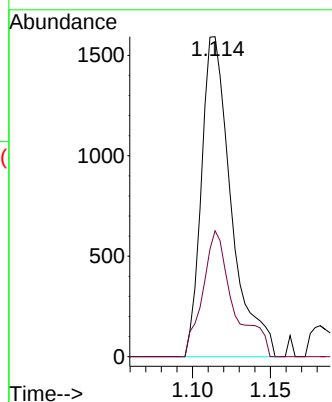
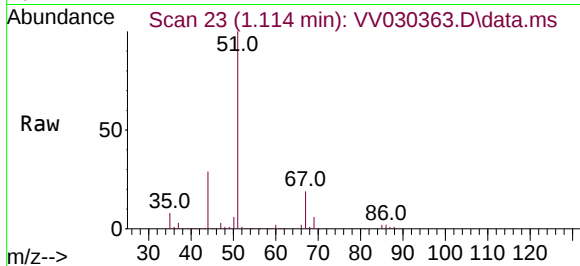




#2
 Dichlorodifluoromethane
 Concen: 0.126 ug/L
 RT: 1.114 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV030363.D
 Acq: 30 Mar 2023 16:44

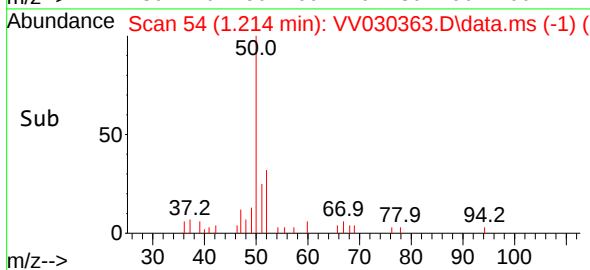
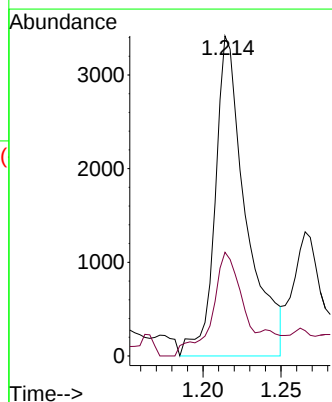
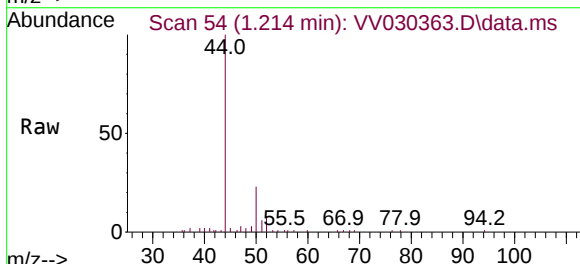
Instrument :
 MSVOA_V
 ClientSampleId :
 CB996

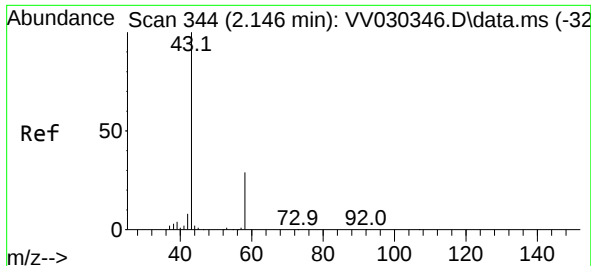
Tgt Ion: 85 Resp: 2121
 Ion Ratio Lower Upper
 85 100
 87 40.7 25.6 38.4#



#3
 Chloromethane
 Concen: 0.222 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV030363.D
 Acq: 30 Mar 2023 16:44

Tgt Ion: 50 Resp: 4696
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.3 41.5





#13

Acetone

Concen: 9.816 ug/L

RT: 2.175 min Scan# 3

Delta R.T. 0.029 min

Lab File: VV030363.D

Acq: 30 Mar 2023 16:44

Instrument :

MSVOA_V

ClientSampleId :

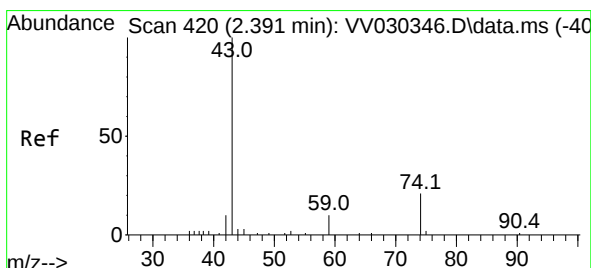
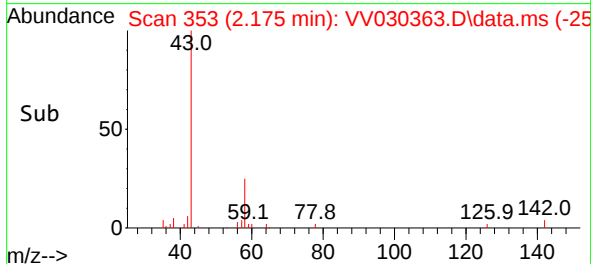
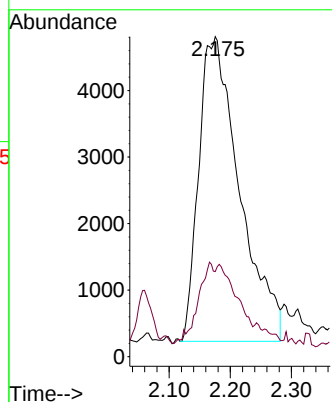
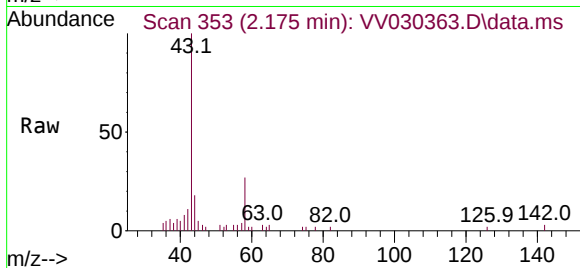
CB996

Tgt Ion: 43 Resp: 21202

Ion Ratio Lower Upper

43 100

58 10.9 0.0 40.8



#15

Methyl Acetate

Concen: 0.244 ug/L

RT: 2.474 min Scan# 446

Delta R.T. 0.084 min

Lab File: VV030363.D

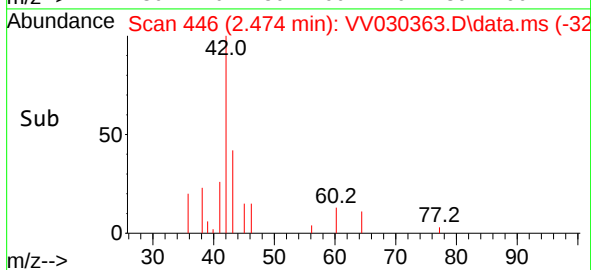
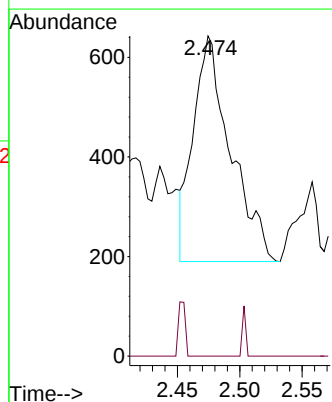
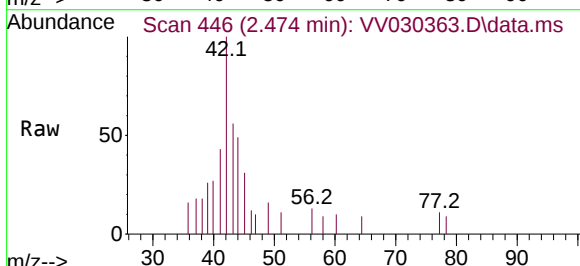
Acq: 30 Mar 2023 16:44

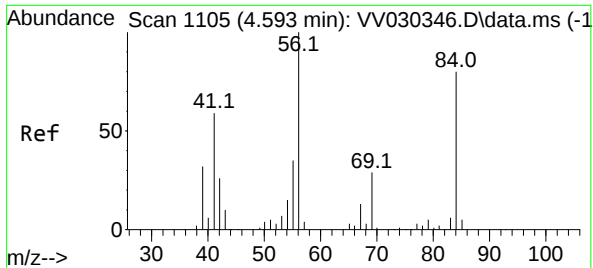
Tgt Ion: 43 Resp: 943

Ion Ratio Lower Upper

43 100

74 4.5 22.1 33.1#

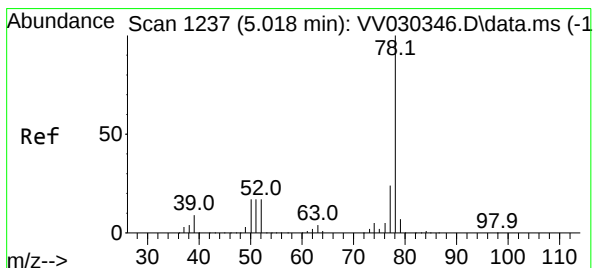
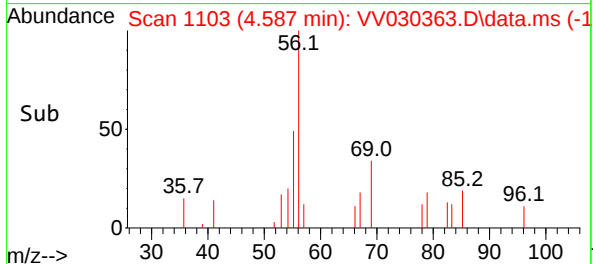
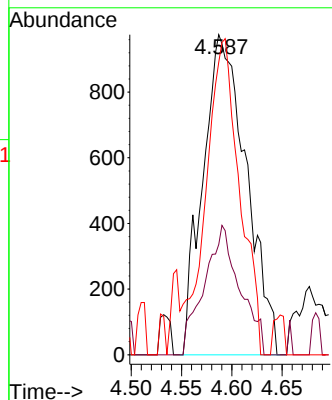
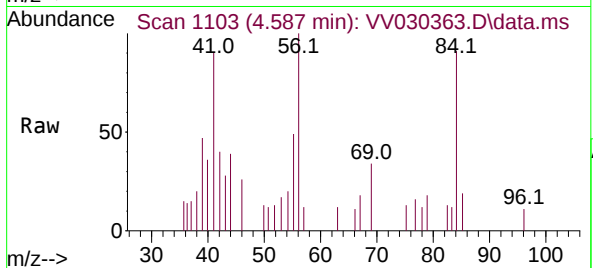




#30
Cyclohexane
Concen: 0.160 ug/L
RT: 4.587 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VV030363.D
Acq: 30 Mar 2023 16:44

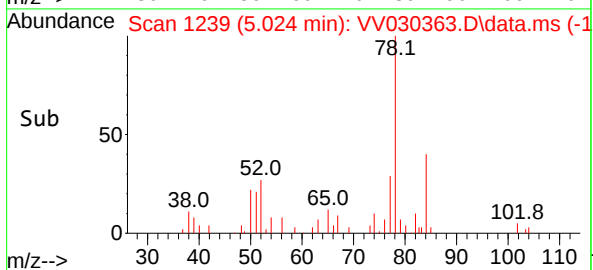
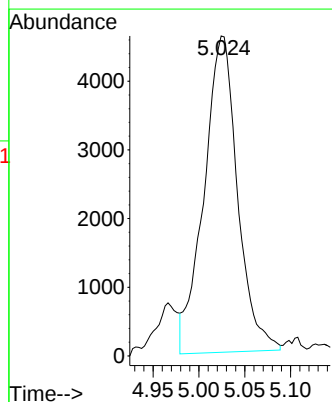
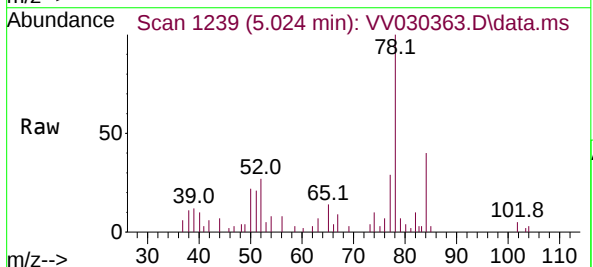
Instrument :
MSVOA_V
ClientSampleId :
CB996

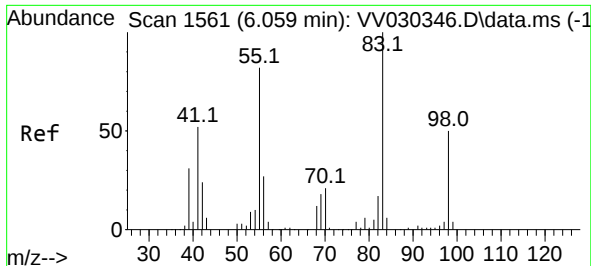
Tgt Ion:	56	Resp:	2922
Ion	Ratio	Lower	Upper
56	100		
69	33.5	24.2	36.2
84	76.3	66.6	100.0



#33
Benzene
Concen: 0.264 ug/L
RT: 5.024 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VV030363.D
Acq: 30 Mar 2023 16:44

Tgt Ion: 78 Resp: 11714



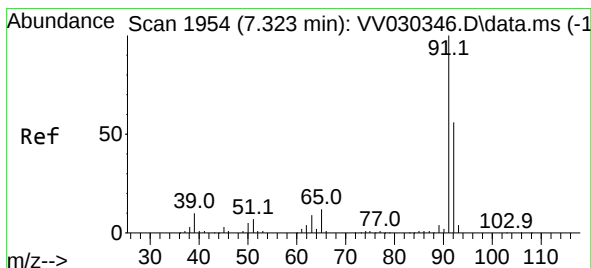
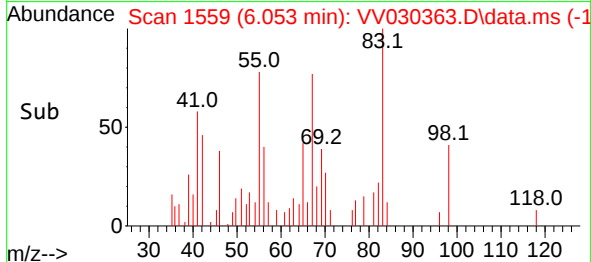
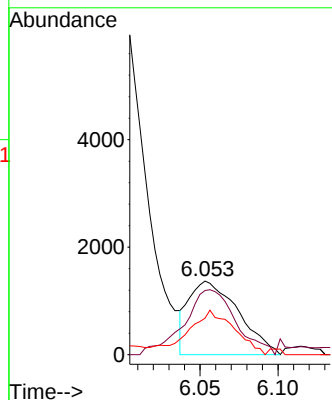
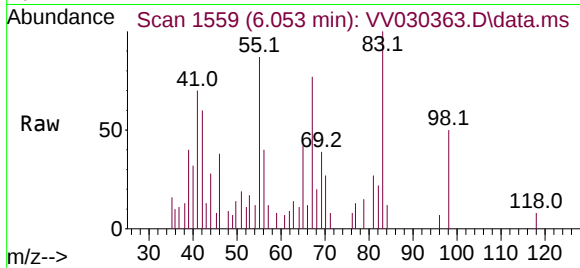


#35
Methylcyclohexane
Concen: 0.162 ug/L
RT: 6.053 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV030363.D
Acq: 30 Mar 2023 16:44

Instrument :
MSVOA_V
ClientSampleId :
CB996

Tgt Ion: 83 Resp: 3035

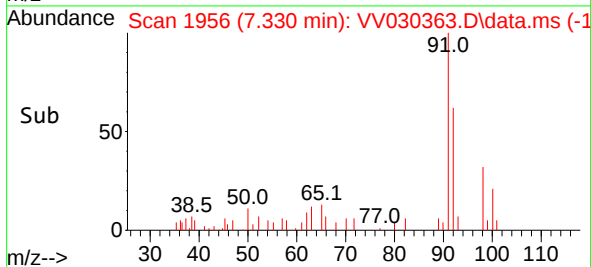
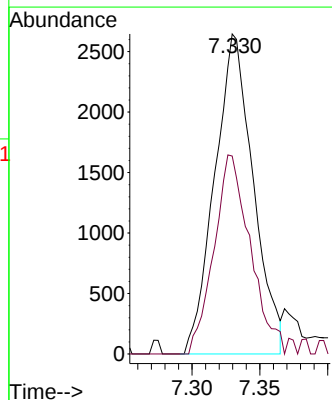
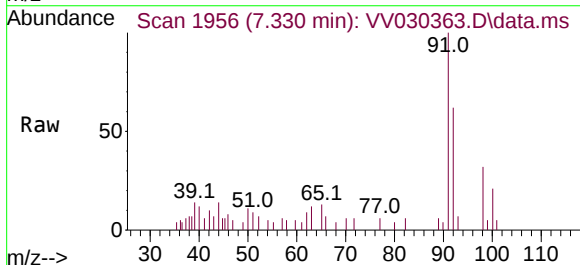
Ion	Ratio	Lower	Upper
83	100		
55	91.8	66.6	100.0
98	56.8	38.6	58.0

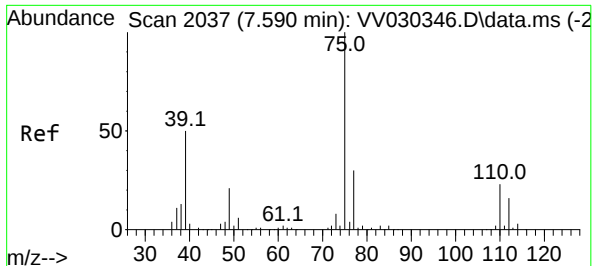


#42
Toluene
Concen: 0.111 ug/L
RT: 7.330 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VV030363.D
Acq: 30 Mar 2023 16:44

Tgt Ion: 91 Resp: 5236

Ion	Ratio	Lower	Upper
91	100		
92	61.9	40.4	75.0

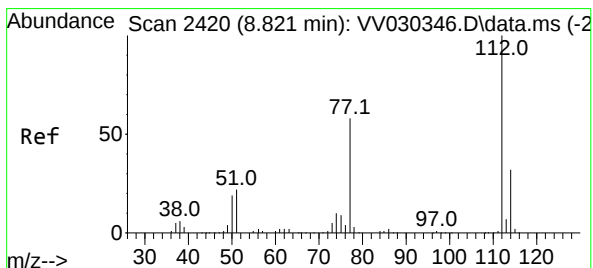
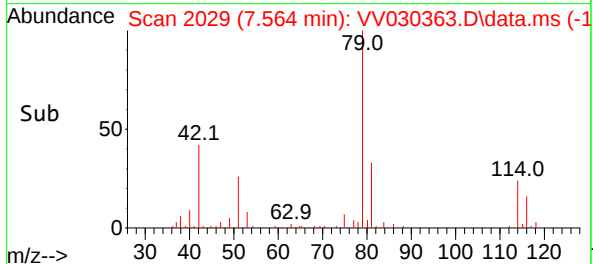
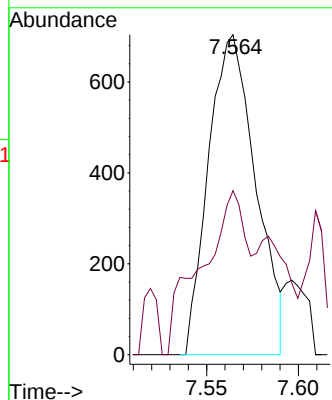
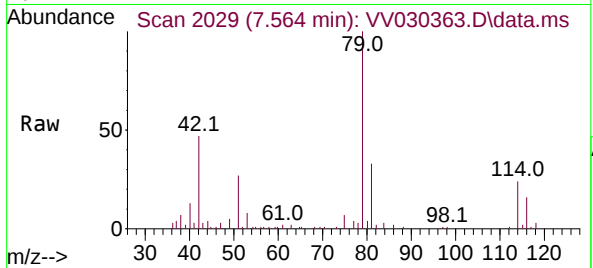




#44
trans-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.564 min Scan# 2037
Delta R.T. -0.026 min
Lab File: VV030363.D
Acq: 30 Mar 2023 16:44

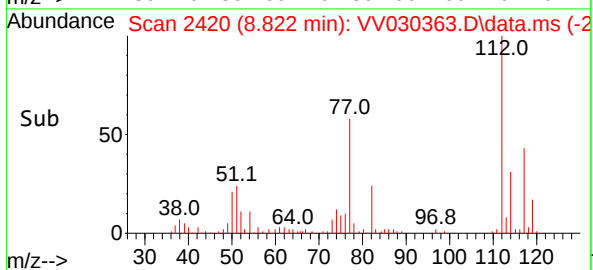
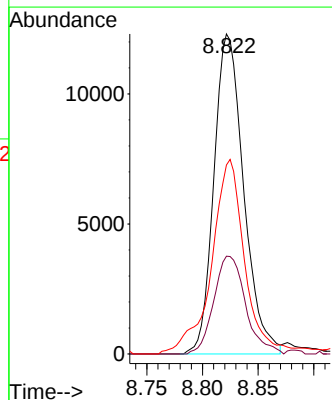
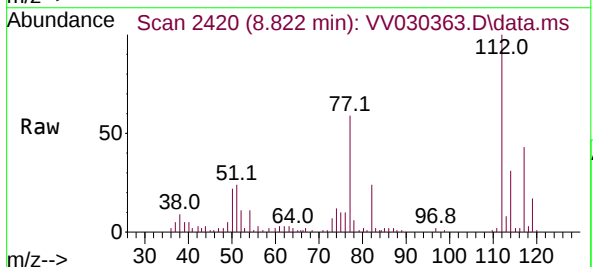
Instrument :
MSVOA_V
ClientSampleId :
CB996

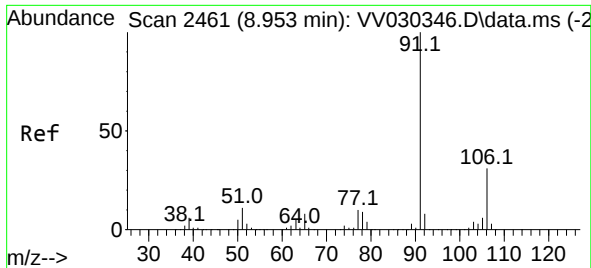
Tgt Ion: 75 Resp: 1258
Ion Ratio Lower Upper
75 100
77 51.3 21.2 39.4#



#51
Chlorobenzene
Concen: 0.756 ug/L
RT: 8.822 min Scan# 2420
Delta R.T. 0.000 min
Lab File: VV030363.D
Acq: 30 Mar 2023 16:44

Tgt Ion: 112 Resp: 22853
Ion Ratio Lower Upper
112 100
114 30.6 22.4 41.6
77 59.1 45.9 68.9

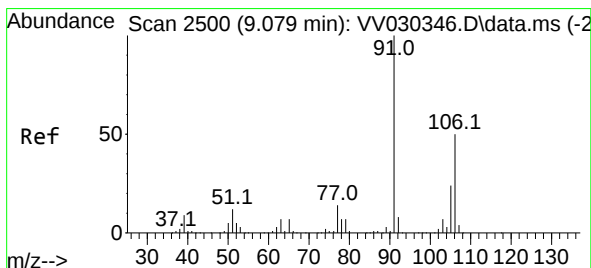
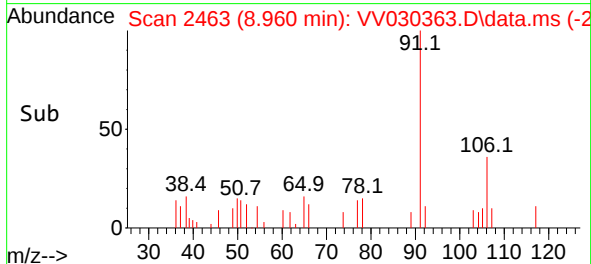
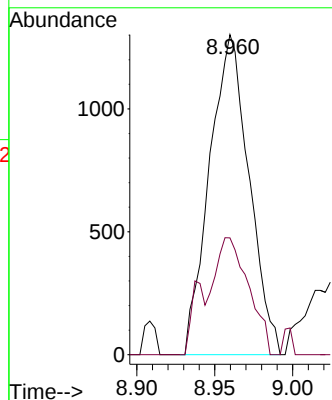
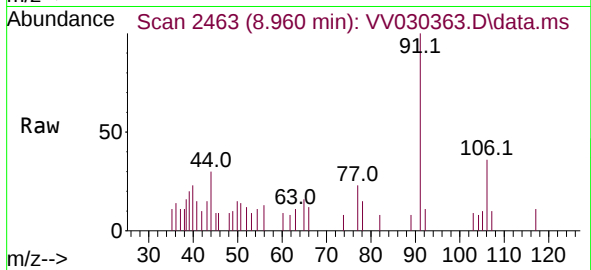




#52
Ethylbenzene
Concen: 0.044 ug/L
RT: 8.960 min Scan# 2461
Delta R.T. 0.006 min
Lab File: VV030363.D
Acq: 30 Mar 2023 16:44

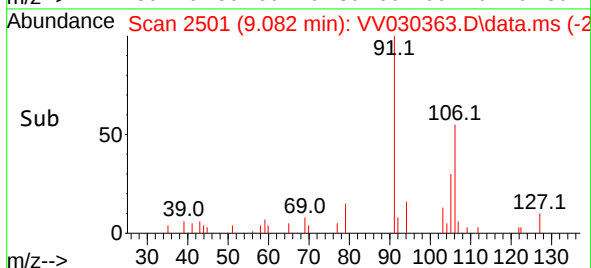
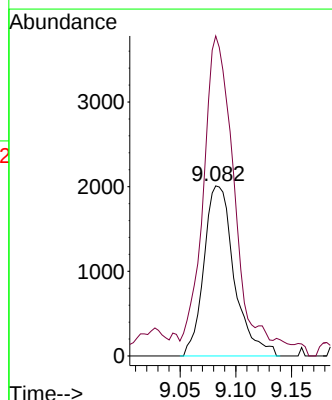
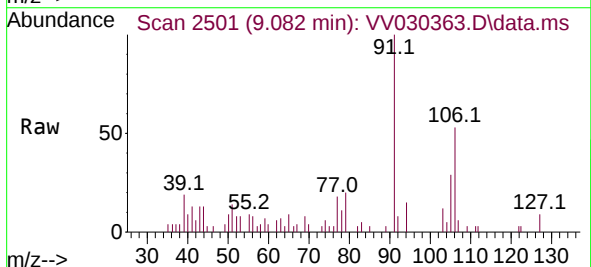
Instrument :
MSVOA_V
ClientSampleId :
CB996

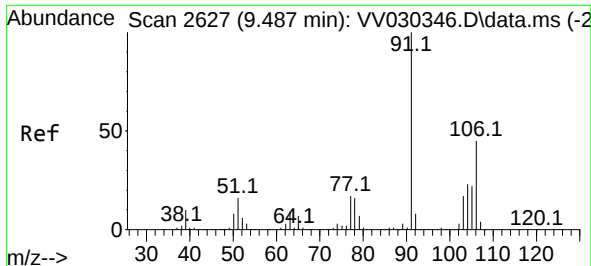
Tgt Ion: 91 Resp: 2295
Ion Ratio Lower Upper
91 100
106 36.5 22.2 41.2



#53
m,p-Xylene
Concen: 0.192 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.003 min
Lab File: VV030363.D
Acq: 30 Mar 2023 16:44

Tgt Ion: 106 Resp: 3804
Ion Ratio Lower Upper
106 100
91 188.1 142.4 264.4

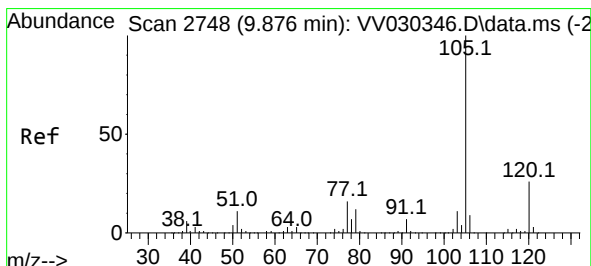
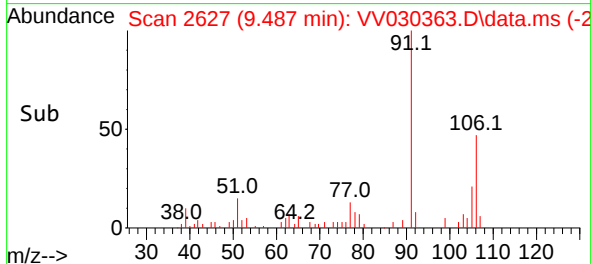
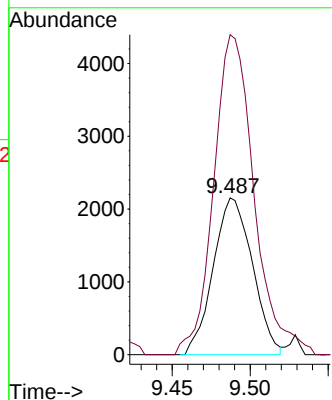
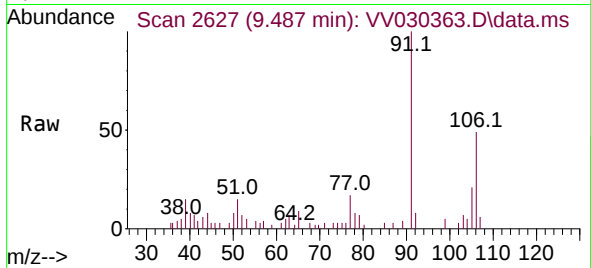




#54
o-Xylene
Concen: 0.199 ug/L
RT: 9.487 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV030363.D
Acq: 30 Mar 2023 16:44

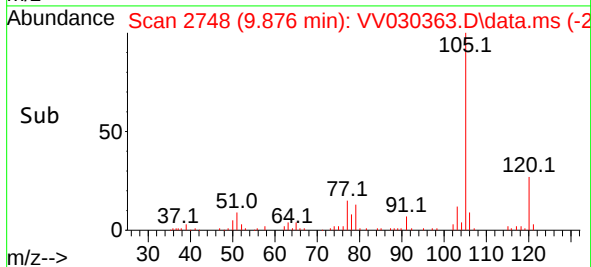
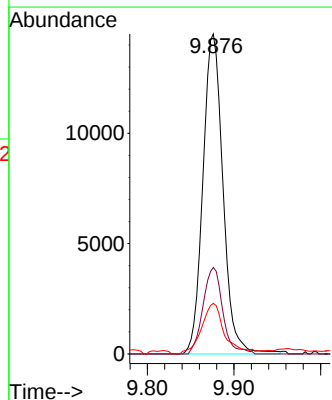
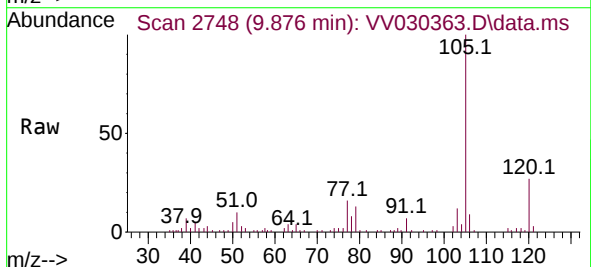
Instrument :
MSVOA_V
ClientSampleId :
CB996

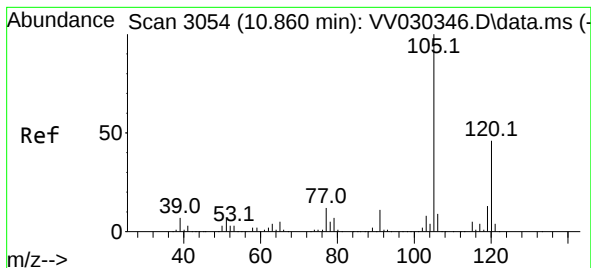
Tgt Ion:106 Resp: 3764
Ion Ratio Lower Upper
106 100
91 204.1 149.8 278.2



#60
Isopropylbenzene
Concen: 0.469 ug/L
RT: 9.876 min Scan# 2748
Delta R.T. 0.000 min
Lab File: VV030363.D
Acq: 30 Mar 2023 16:44

Tgt Ion:105 Resp: 23324
Ion Ratio Lower Upper
105 100
120 26.5 21.1 31.7
77 18.1 12.9 19.3





#63

1,2,4-Trimethylbenzene

Concen: 0.139 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.000 min

Lab File: VV030363.D

Acq: 30 Mar 2023 16:44

Instrument :

MSVOA_V

ClientSampleId :

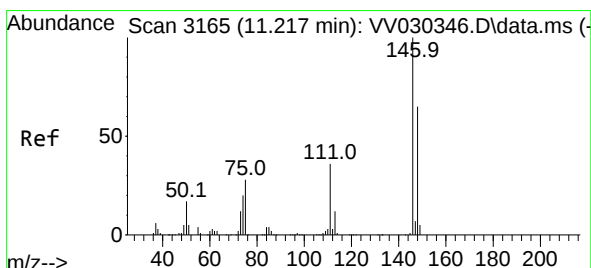
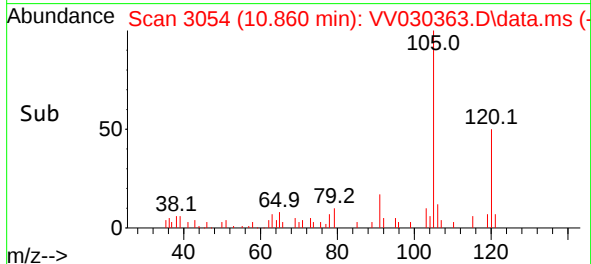
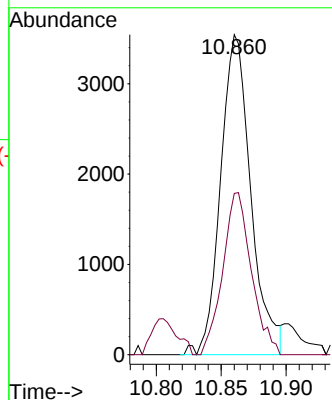
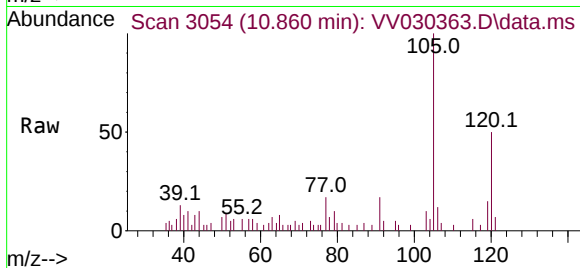
CB996

Tgt Ion:105 Resp: 5731

Ion Ratio Lower Upper

105 100

120 48.1 36.8 55.2



#65

1,4-Dichlorobenzene

Concen: 0.120 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. 0.000 min

Lab File: VV030363.D

Acq: 30 Mar 2023 16:44

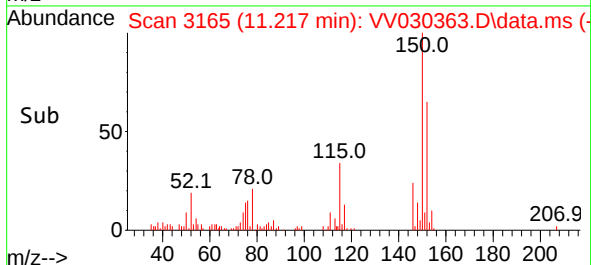
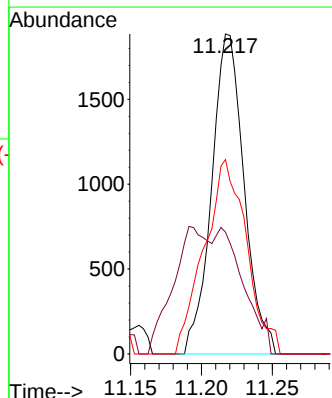
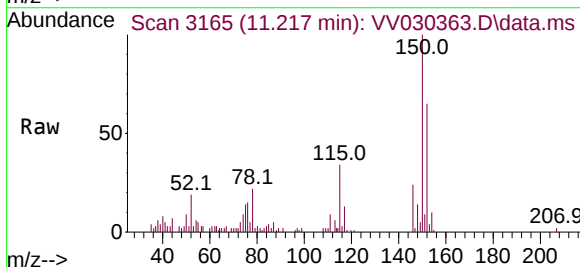
Tgt Ion:146 Resp: 3003

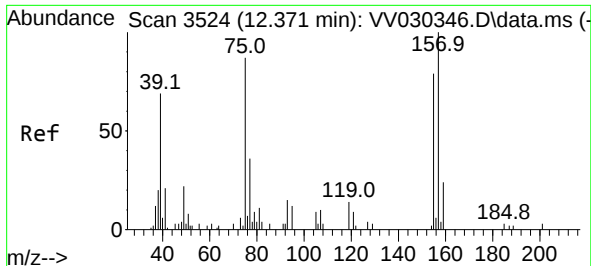
Ion Ratio Lower Upper

146 100

111 38.0 26.0 48.4

148 60.8 45.2 84.0

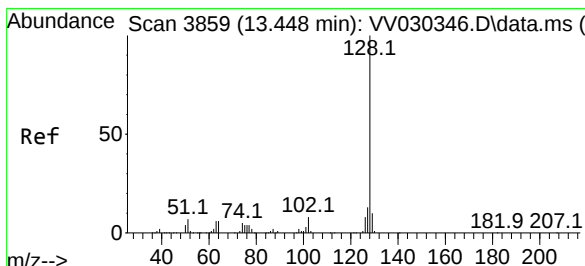
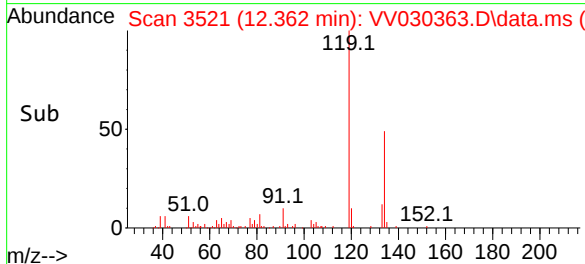
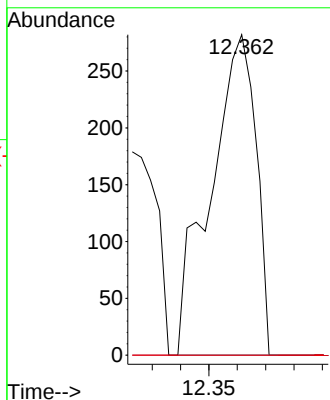
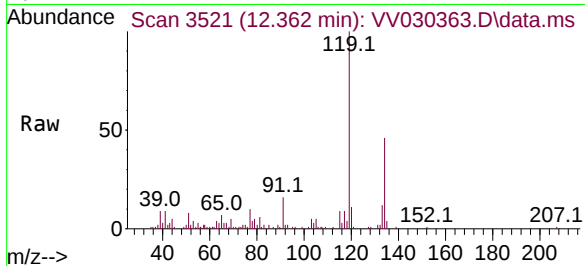




#68
1,2-Dibromo-3-chloropropane
Concen: 0.209 ug/L
RT: 12.362 min Scan# 314
Delta R.T. -0.010 min
Lab File: VV030363.D
Acq: 30 Mar 2023 16:44

Instrument :
MSVOA_V
ClientSampleId :
CB996

Tgt Ion: 75 Resp: 314
Ion Ratio Lower Upper
75 100
155 0.0 64.6 96.8#
157 0.0 83.8 125.6#



#71
Naphthalene
Concen: 1.143 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.000 min
Lab File: VV030363.D
Acq: 30 Mar 2023 16:44

Tgt Ion: 128 Resp: 24074
Ion Ratio Lower Upper
128 100
129 12.1 8.9 13.3
127 13.2 10.8 16.2

