

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW033023\
 Data File : VW030362.D
 Acq On : 30 Mar 2023 16:19
 Operator : SY/MD
 Sample : 02092-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB994

Quant Time: Mar 31 05:42:01 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	129848	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	127655	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	68480	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	32433	3.771	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.536	69	36929	4.425	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.063	63	59218	2.902	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.000%#
20) 2-Butanone-d5	3.834	46	102113	45.939	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.880%
24) Chloroform-d	4.259	84	100540	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	4.953	65	51827	5.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	4.969	84	173707	4.829	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	5.998	67	59802	5.310	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.252	98	144784	4.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.561	79	19175	4.522	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.037	63	85014	49.895	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.800%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	46211	5.206	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	11.571	152	69041	5.641	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.114	85	2056	0.125	ug/L	91
3) Chloromethane	1.217	50	2570	0.123	ug/L #	81
6) Bromomethane	1.494	94	520	0.120	ug/L	90
13) Acetone	2.156	43	20138	9.474	ug/L	92
14) Carbon disulfide	2.246	76	4174	0.117	ug/L	96
15) Methyl Acetate	2.156	43	20138	5.302	ug/L #	48
33) Benzene	5.024	78	17223	0.380	ug/L	100
35) Methylcyclohexane	6.059	83	3124	0.163	ug/L	97
42) Toluene	7.330	91	6523	0.135	ug/L	95
44) trans-1,3-Dichloropropene	7.561	75	1255	0.090	ug/L #	44
51) Chlorobenzene	8.821	112	25320	0.819	ug/L	98
52) Ethylbenzene	8.960	91	3315	0.063	ug/L #	81
53) m,p-Xylene	9.085	106	3961	0.196	ug/L	99
54) o-Xylene	9.487	106	4527	0.234	ug/L	91
60) Isopropylbenzene	9.876	105	26225	0.519	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	7964	0.190	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	3624	0.143	ug/L	96
71) Naphthalene	13.448	128	31229	1.461	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
Data File : VV030362.D
Acq On : 30 Mar 2023 16:19
Operator : SY/MD
Sample : 02092-21
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB994

Quant Time: Mar 31 05:42:01 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

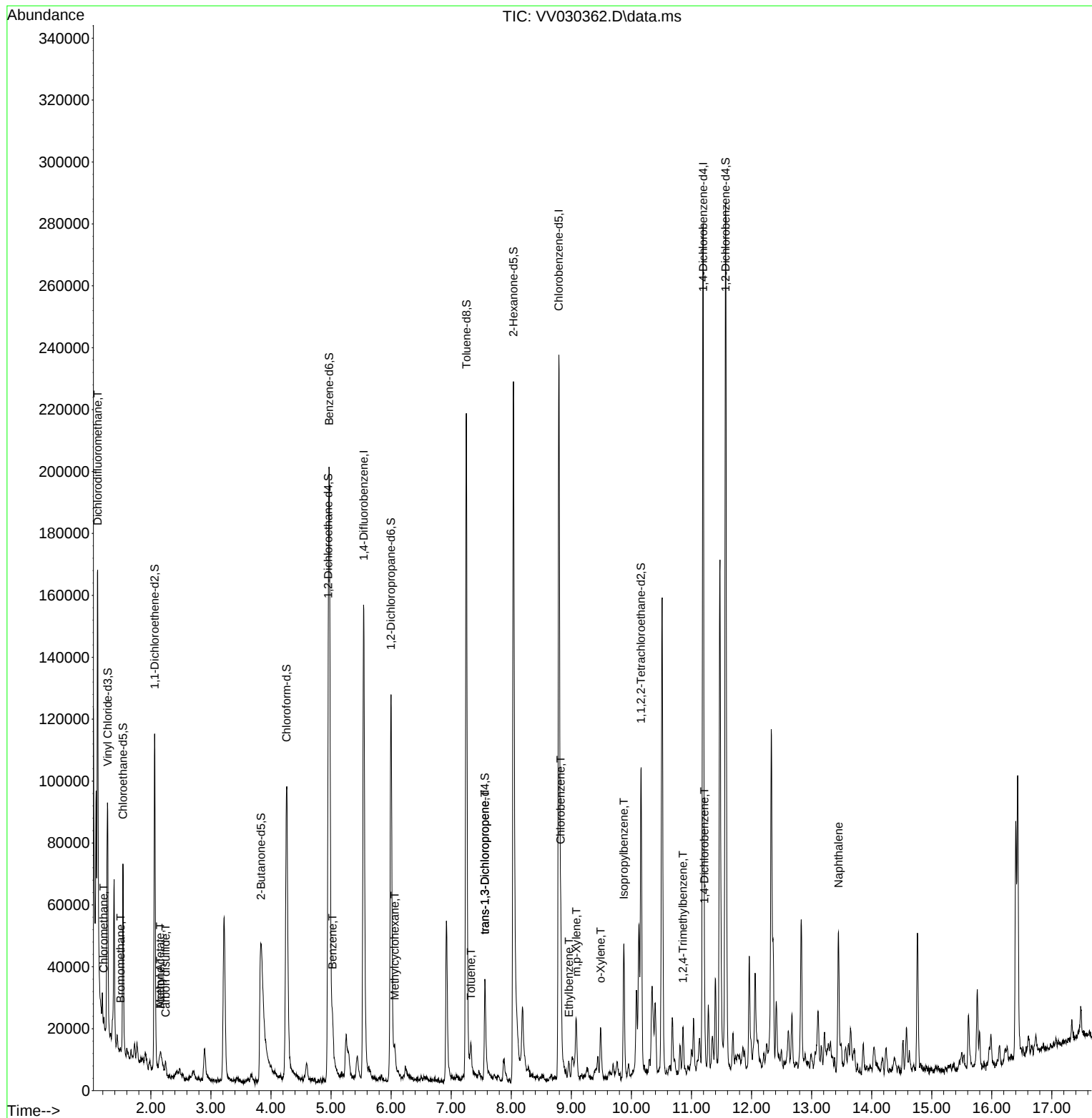
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

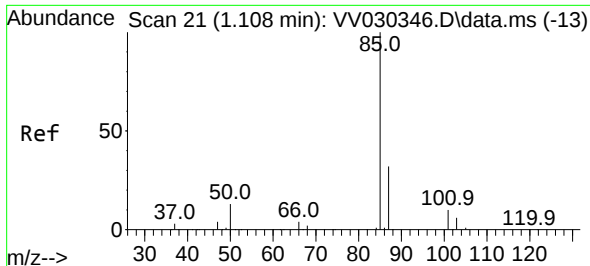
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
Data File : VV030362.D
Acq On : 30 Mar 2023 16:19
Operator : SY/MD
Sample : 02092-21
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB994

Quant Time: Mar 31 05:42:01 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

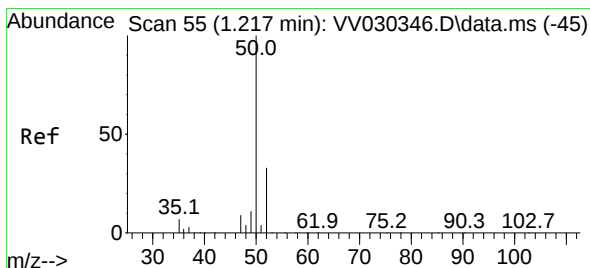
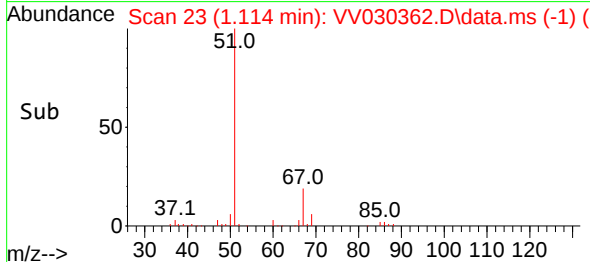
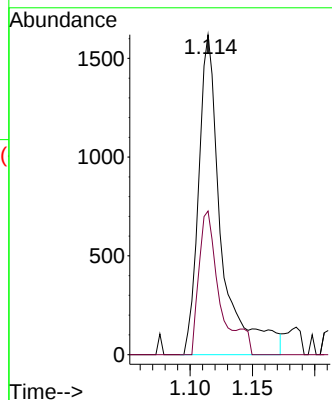
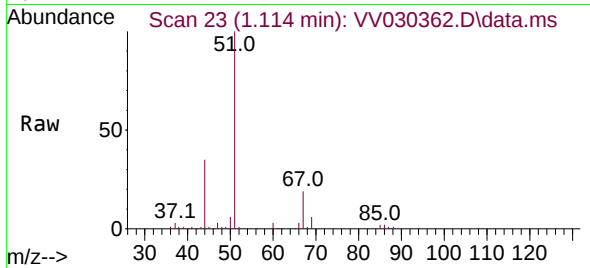




#2
 Dichlorodifluoromethane
 Concen: 0.125 ug/L
 RT: 1.114 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV030362.D
 Acq: 30 Mar 2023 16:19

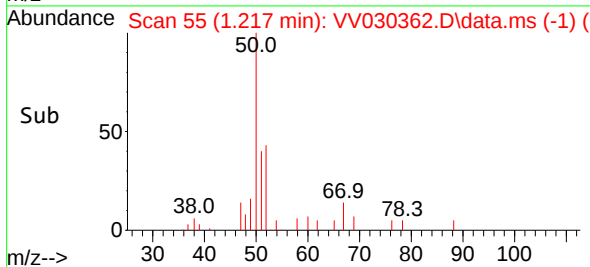
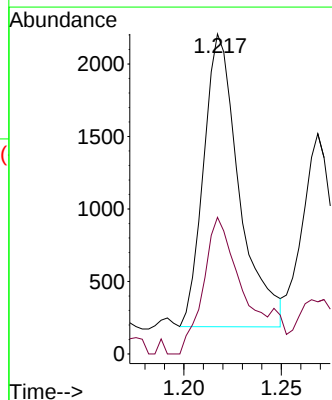
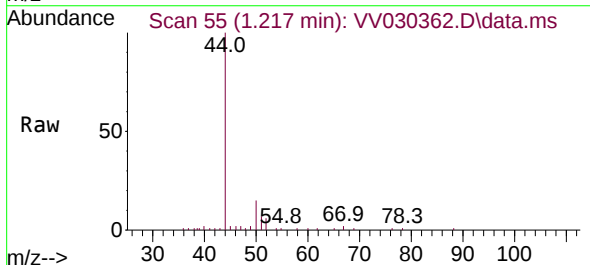
Instrument :
 MSVOA_V
 ClientSampleId :
 CB994

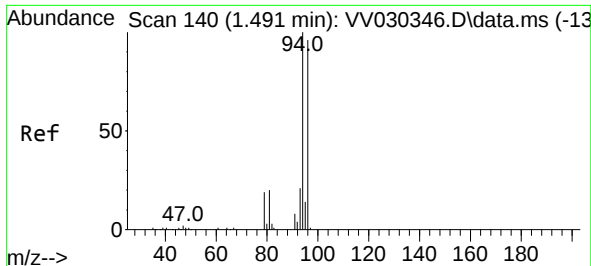
Tgt Ion: 85 Resp: 2056
 Ion Ratio Lower Upper
 85 100
 87 37.2 25.6 38.4



#3
 Chloromethane
 Concen: 0.123 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030362.D
 Acq: 30 Mar 2023 16:19

Tgt Ion: 50 Resp: 2570
 Ion Ratio Lower Upper
 50 100
 52 42.7 22.3 41.5#

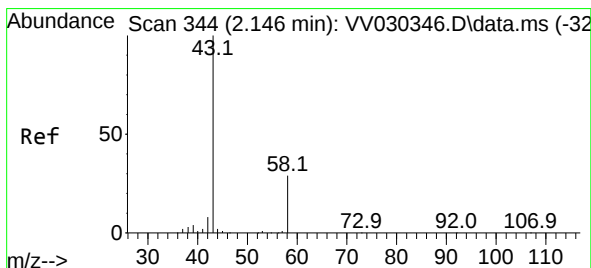
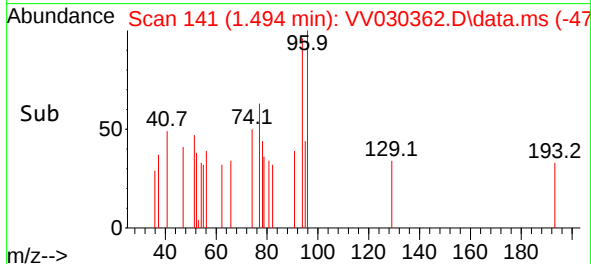
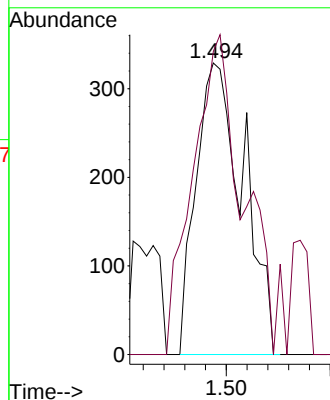
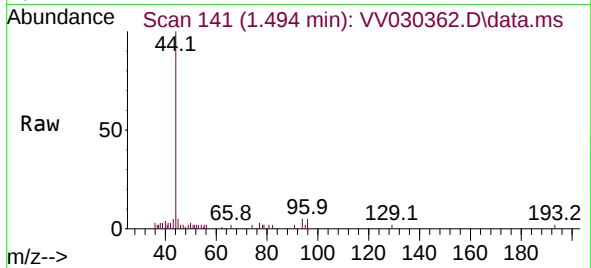




#6
Bromomethane
Concen: 0.120 ug/L
RT: 1.494 min Scan# 140
Delta R.T. 0.003 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

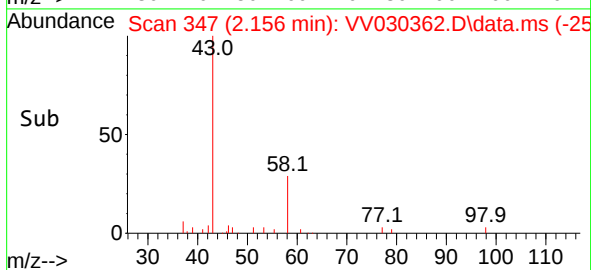
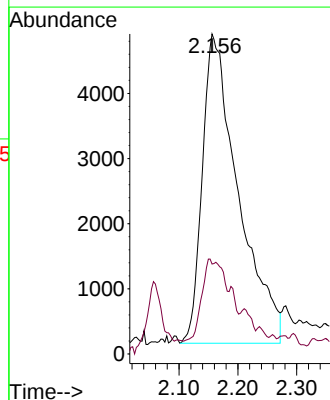
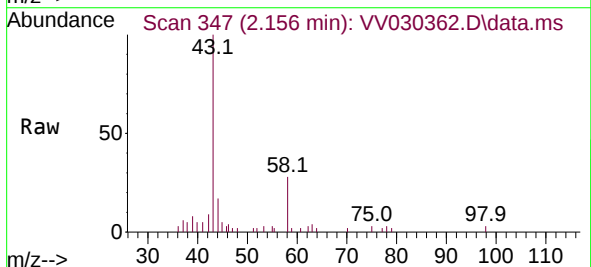
Instrument :
MSVOA_V
ClientSampleId :
CB994

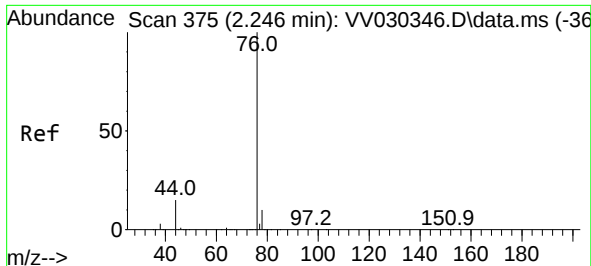
Tgt Ion: 94 Resp: 520
Ion Ratio Lower Upper
94 100
96 104.0 66.1 122.7



#13
Acetone
Concen: 9.474 ug/L
RT: 2.156 min Scan# 347
Delta R.T. 0.010 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

Tgt Ion: 43 Resp: 20138
Ion Ratio Lower Upper
43 100
58 16.8 0.0 40.8

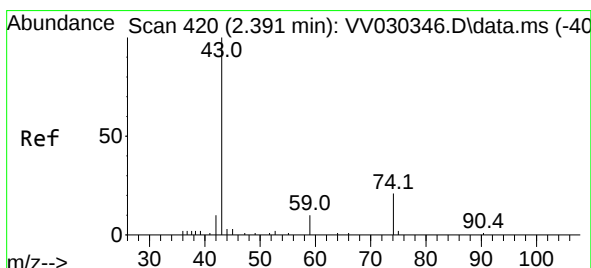
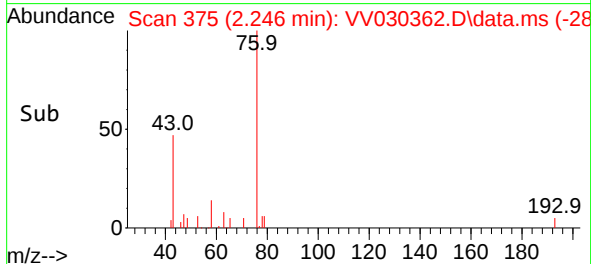
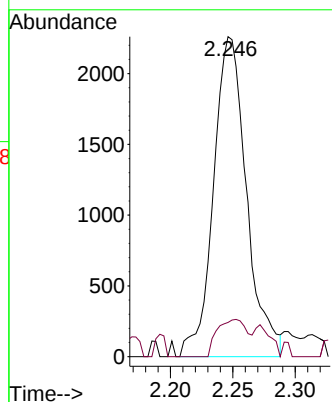
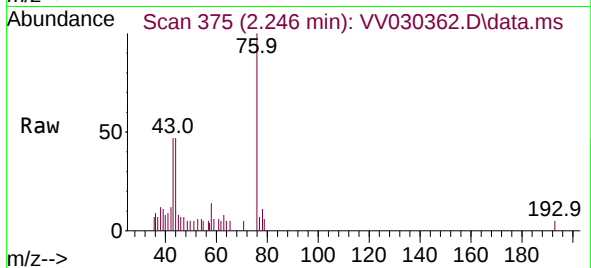




#14
Carbon disulfide
Concen: 0.117 ug/L
RT: 2.246 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

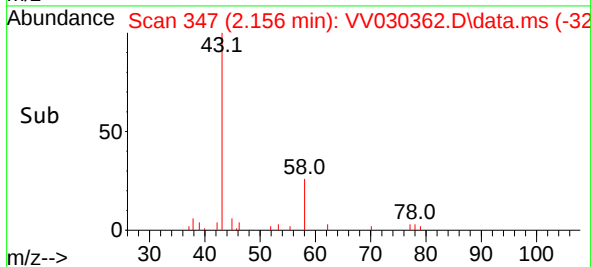
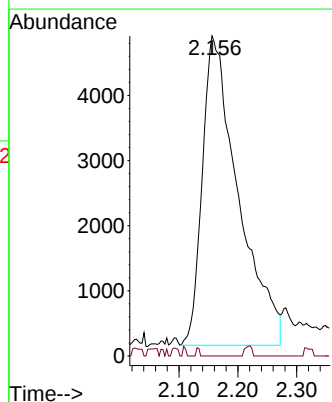
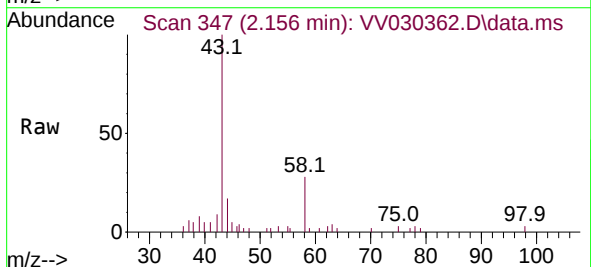
Instrument :
MSVOA_V
ClientSampleId :
CB994

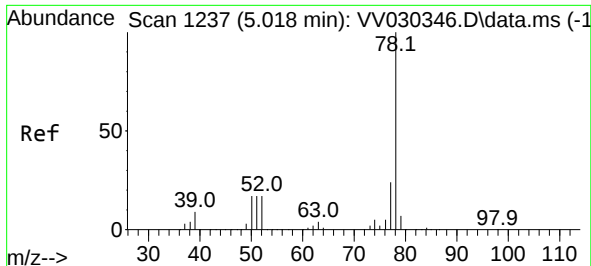
Tgt Ion: 76 Resp: 4174
Ion Ratio Lower Upper
76 100
78 10.7 7.3 10.9



#15
Methyl Acetate
Concen: 5.302 ug/L
RT: 2.156 min Scan# 347
Delta R.T. -0.235 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

Tgt Ion: 43 Resp: 20138
Ion Ratio Lower Upper
43 100
74 0.2 22.1 33.1#

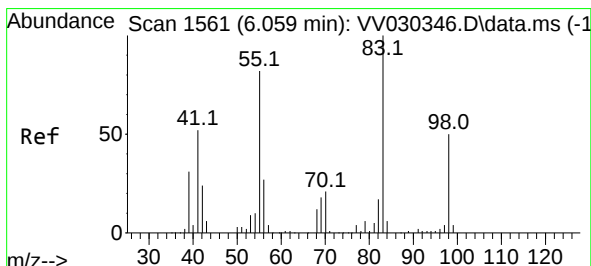
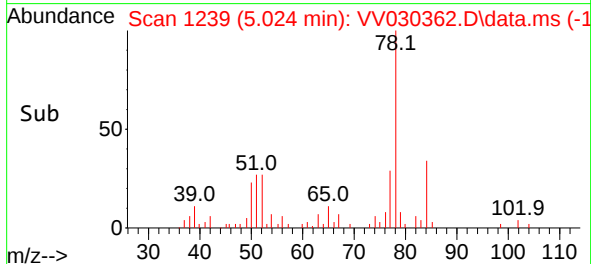
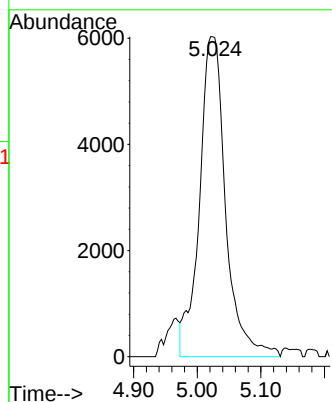
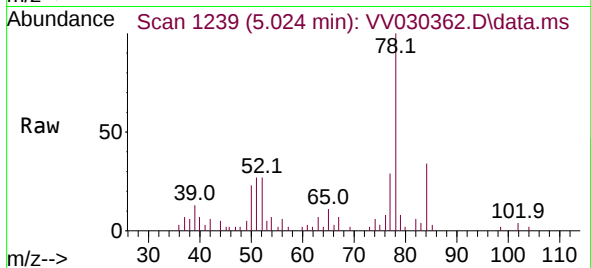




#33
Benzene
Concen: 0.380 ug/L
RT: 5.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

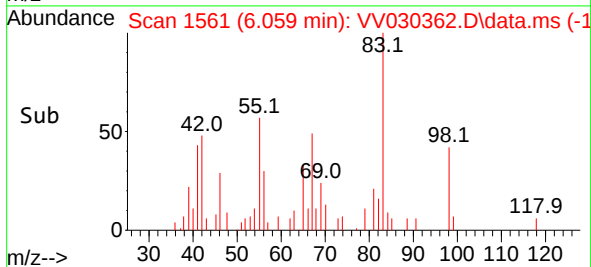
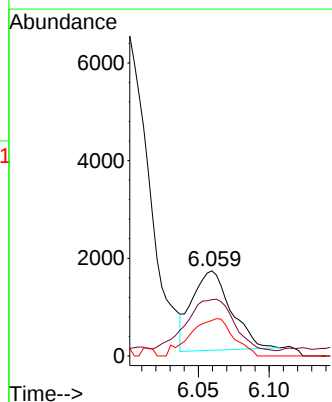
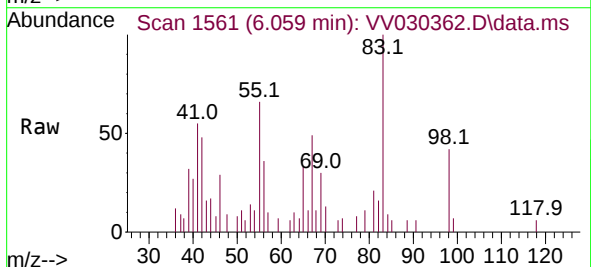
Instrument :
MSVOA_V
ClientSampleId :
CB994

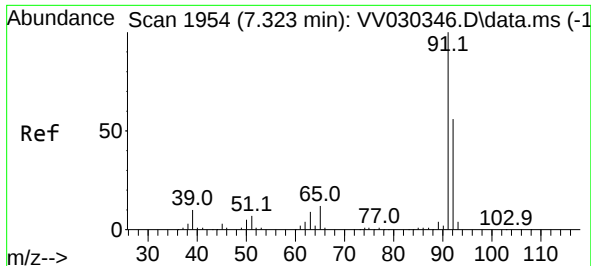
Tgt Ion: 78 Resp: 17223



#35
Methylcyclohexane
Concen: 0.163 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.000 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

Tgt Ion: 83 Resp: 3124
Ion Ratio Lower Upper
83 100
55 85.2 66.6 100.0
98 51.3 38.6 58.0

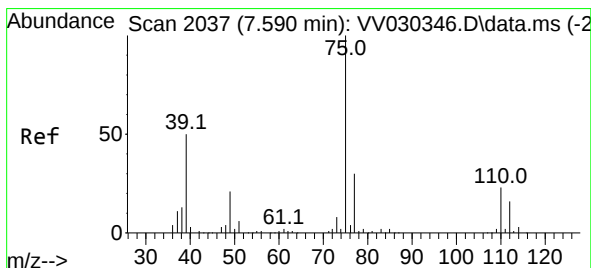
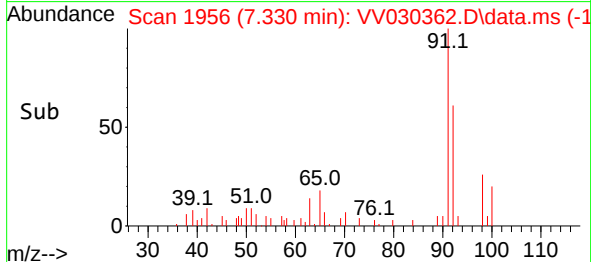
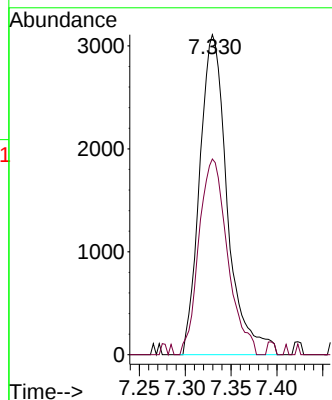
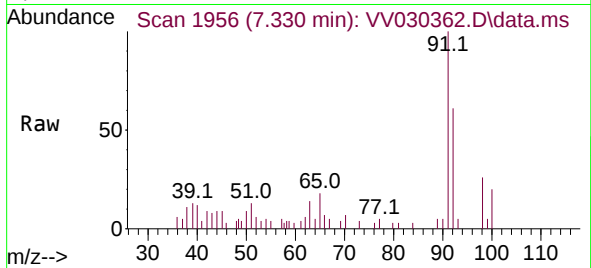




#42
Toluene
Concen: 0.135 ug/L
RT: 7.330 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

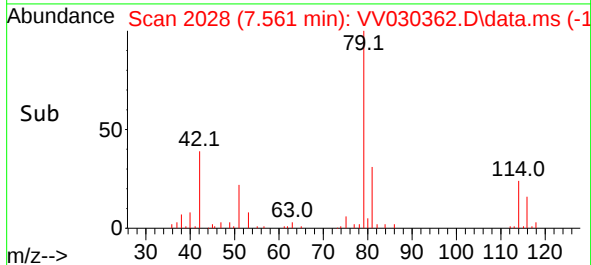
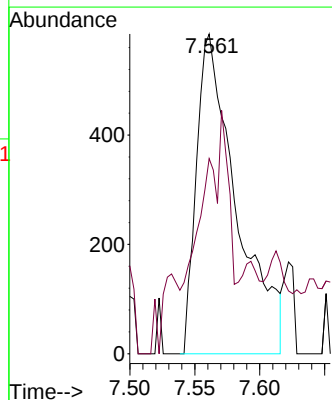
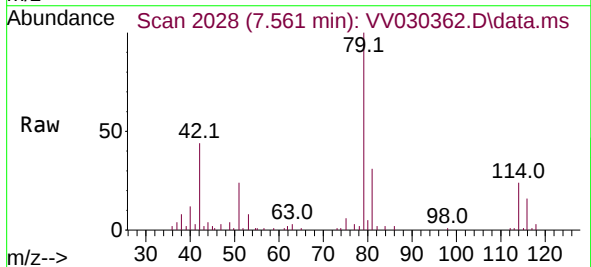
Instrument :
MSVOA_V
ClientSampleId :
CB994

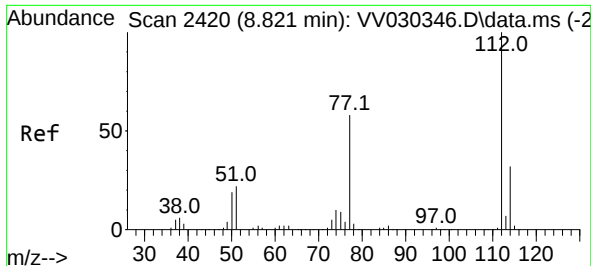
Tgt Ion: 91 Resp: 6523
Ion Ratio Lower Upper
91 100
92 61.1 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.561 min Scan# 2028
Delta R.T. -0.029 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

Tgt Ion: 75 Resp: 1255
Ion Ratio Lower Upper
75 100
77 61.0 21.2 39.4#

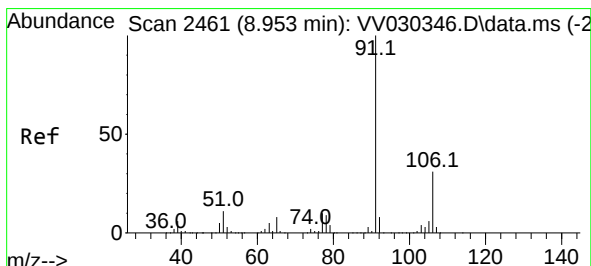
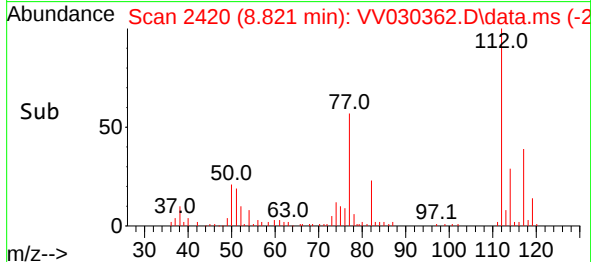
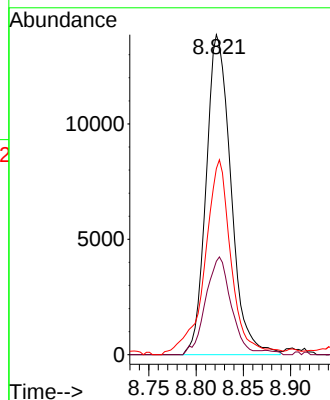
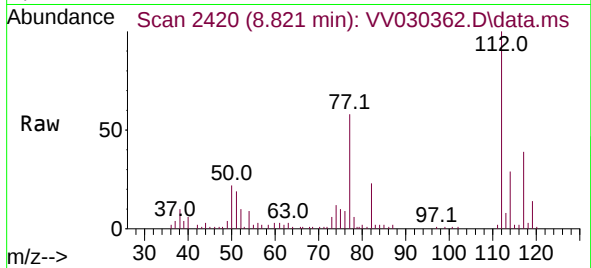




#51
Chlorobenzene
Concen: 0.819 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

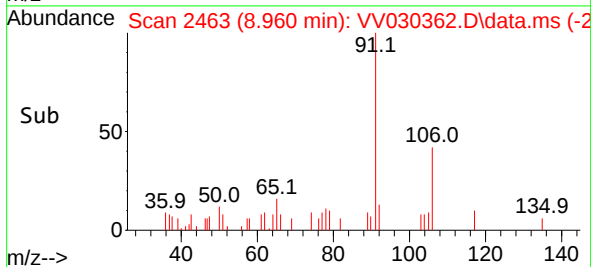
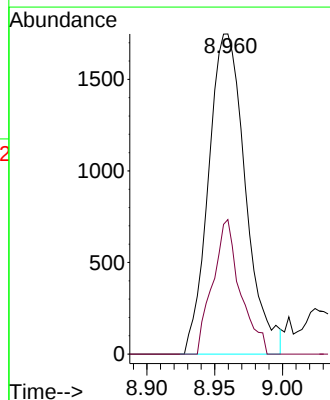
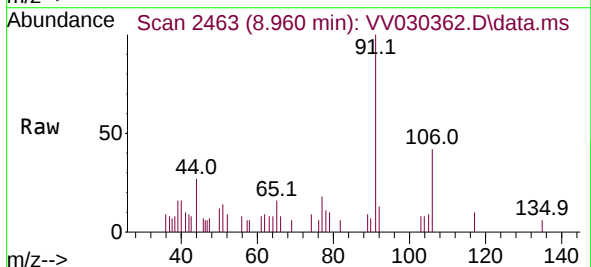
Instrument :
MSVOA_V
ClientSampleId :
CB994

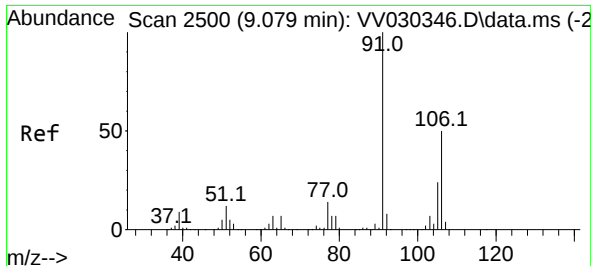
Tgt Ion:112 Resp: 25320
Ion Ratio Lower Upper
112 100
114 29.2 22.4 41.6
77 58.2 45.9 68.9



#52
Ethylbenzene
Concen: 0.063 ug/L
RT: 8.960 min Scan# 2463
Delta R.T. 0.006 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

Tgt Ion: 91 Resp: 3315
Ion Ratio Lower Upper
91 100
106 42.0 22.2 41.2#





#53

m,p-Xylene

Concen: 0.196 ug/L

RT: 9.085 min Scan# 2500

Delta R.T. 0.006 min

Lab File: VV030362.D

Acq: 30 Mar 2023 16:19

Instrument :

MSVOA_V

ClientSampleId :

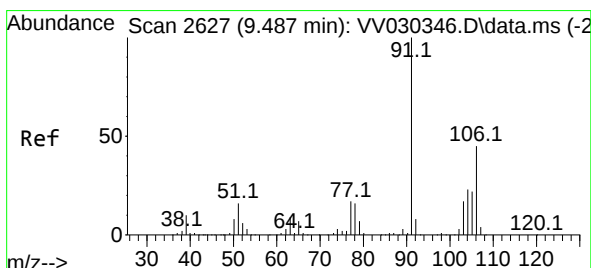
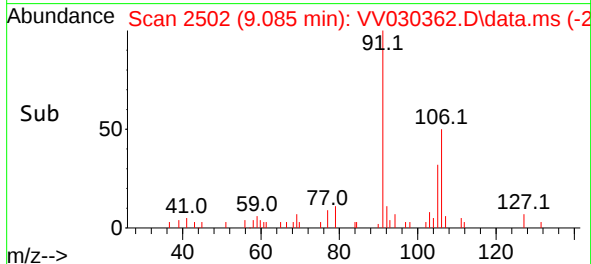
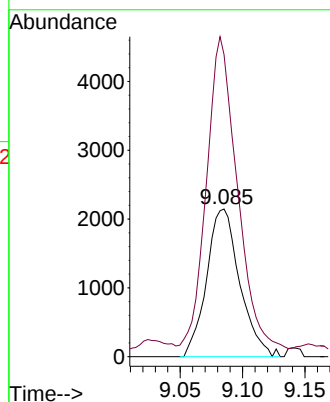
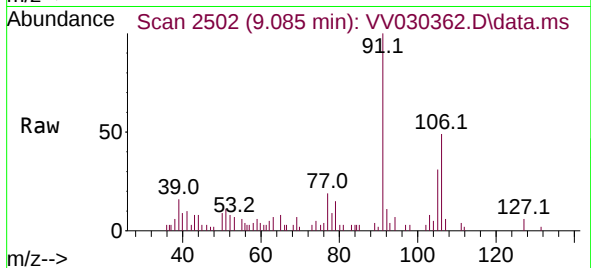
CB994

Tgt Ion:106 Resp: 3961

Ion Ratio Lower Upper

106 100

91 204.6 142.4 264.4



#54

o-Xylene

Concen: 0.234 ug/L

RT: 9.487 min Scan# 2627

Delta R.T. -0.000 min

Lab File: VV030362.D

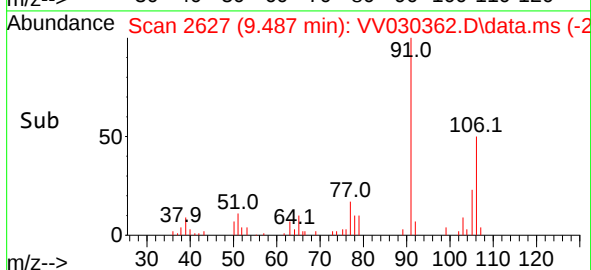
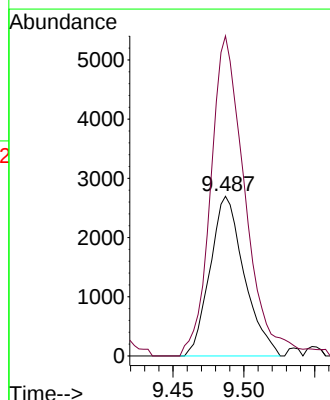
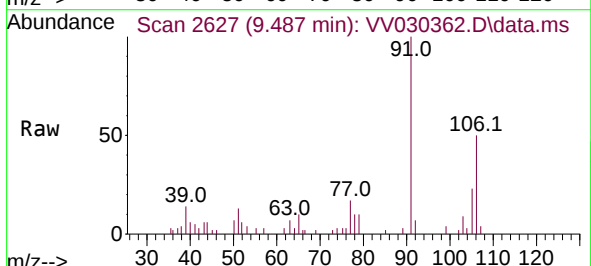
Acq: 30 Mar 2023 16:19

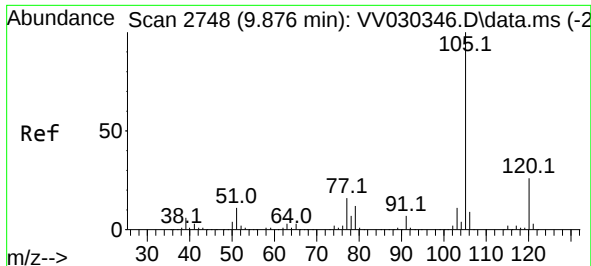
Tgt Ion:106 Resp: 4527

Ion Ratio Lower Upper

106 100

91 200.3 149.8 278.2

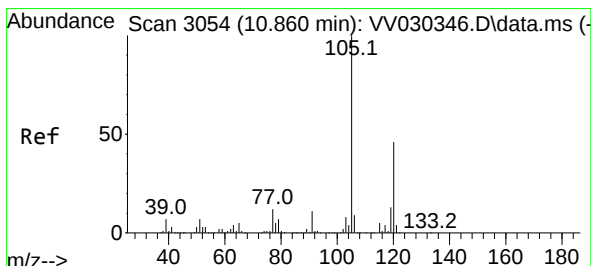
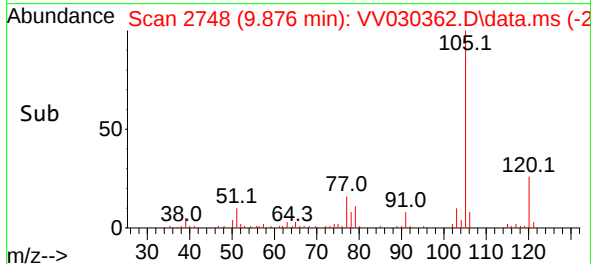
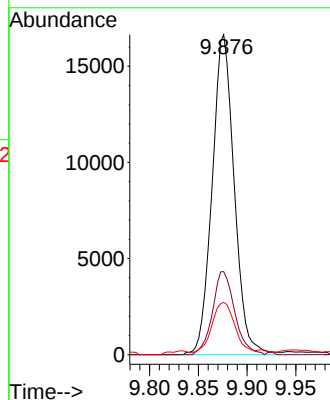
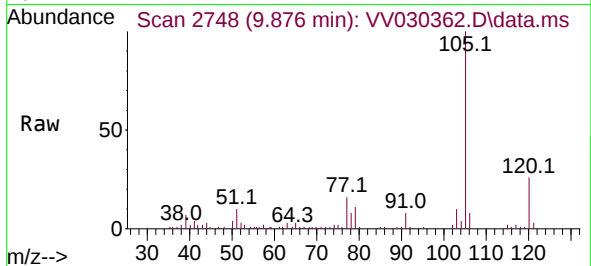




#60
Isopropylbenzene
Concen: 0.519 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

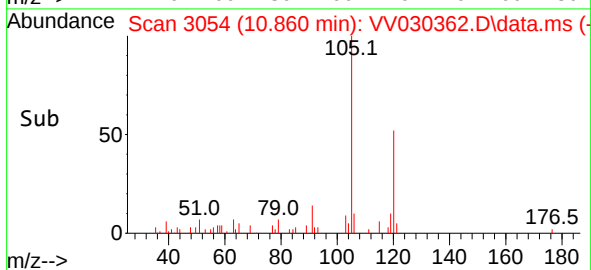
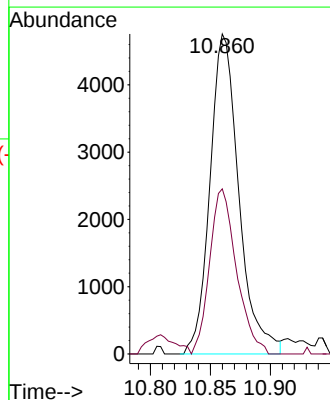
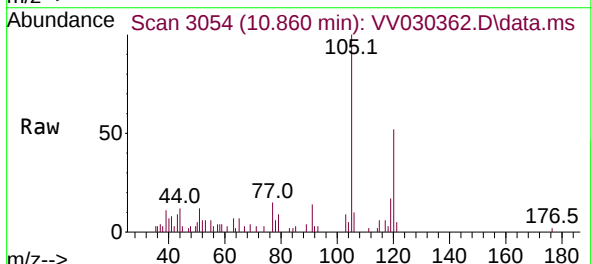
Instrument :
MSVOA_V
ClientSampleId :
CB994

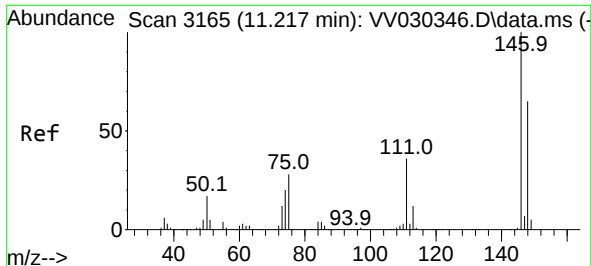
Tgt Ion:105 Resp: 26225
Ion Ratio Lower Upper
105 100
120 26.1 21.1 31.7
77 16.2 12.9 19.3



#63
1,2,4-Trimethylbenzene
Concen: 0.190 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. -0.000 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

Tgt Ion:105 Resp: 7964
Ion Ratio Lower Upper
105 100
120 48.0 36.8 55.2

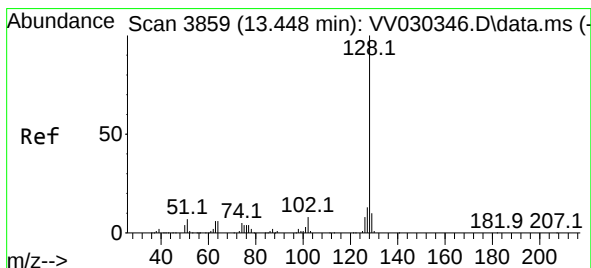
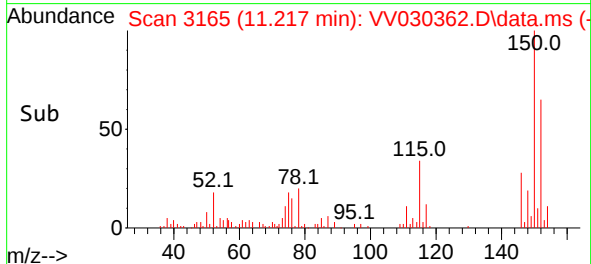
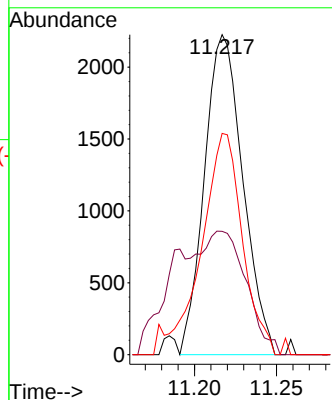
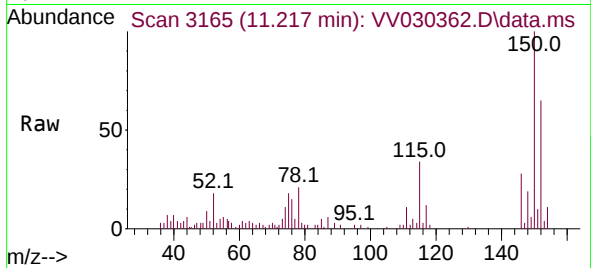




#65
1,4-Dichlorobenzene
Concen: 0.143 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

Instrument :
MSVOA_V
ClientSampleId :
CB994

Tgt Ion:	146	Resp:	3624
Ion	Ratio	Lower	Upper
146	100		
111	38.5	26.0	48.4
148	69.1	45.2	84.0



#71
Naphthalene
Concen: 1.461 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

Tgt Ion:	128	Resp:	31229
Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.9	13.3
127	13.9	10.8	16.2

