

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050523\
 Data File : VV030994.D
 Acq On : 05 May 2023 14:47
 Operator : SY/MD
 Sample : 02613-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA1

Quant Time: May 06 01:47:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 06 01:44:36 2023
 Response via : Initial Calibration

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

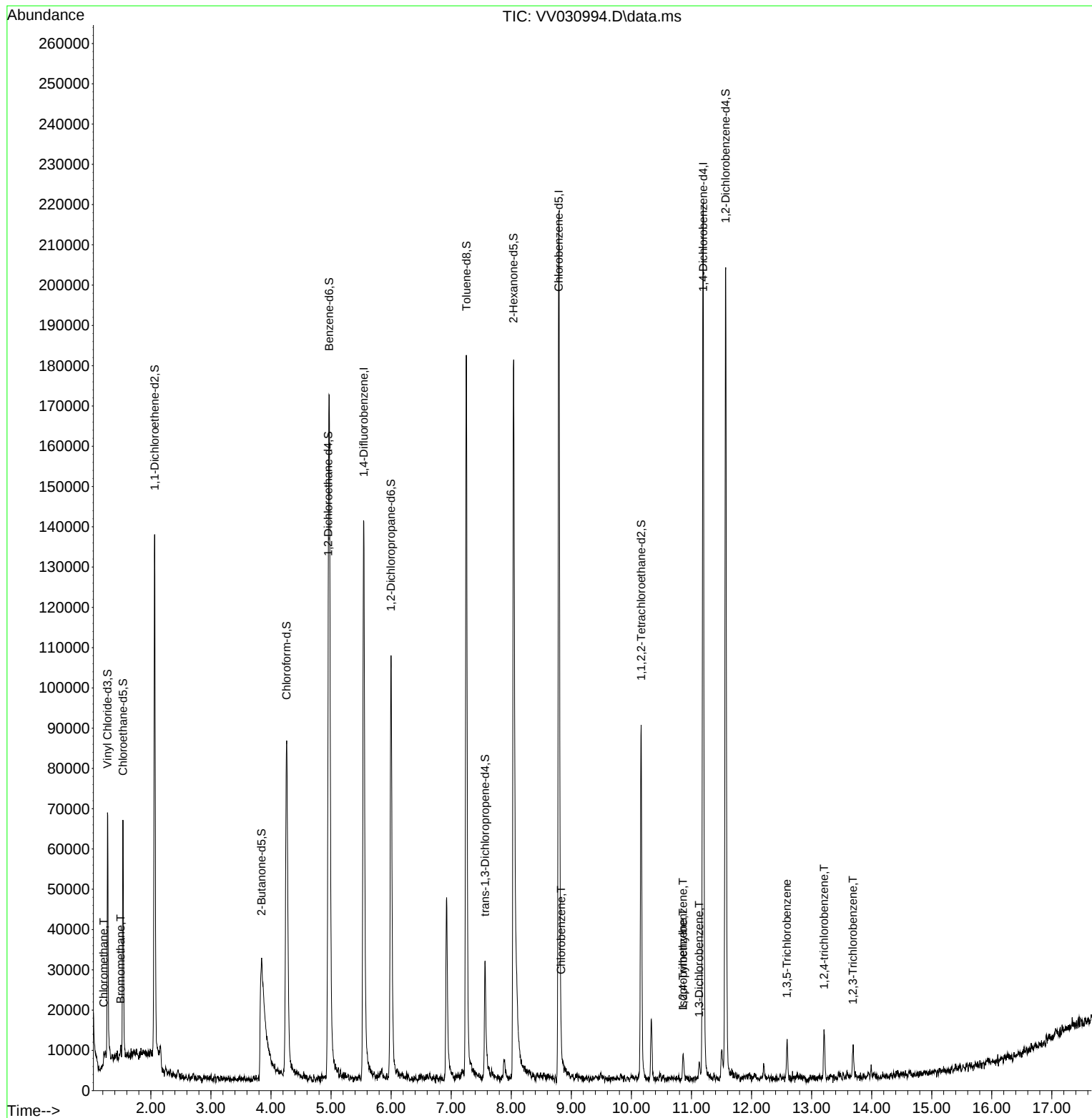
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	123068	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	120528	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	60379	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40633	4.007	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.536	69	35202	4.256	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.063	65	22111	4.121	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	3.841	46	85610	47.613	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.220%
24) Chloroform-d	4.259	84	89007	4.417	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	4.953	65	47618	4.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	4.969	84	145526	4.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	5.998	67	44050	4.288	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.252	98	122446	3.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
43) trans-1,3-Dichloroprop...	7.564	79	16557	4.300	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.037	63	67807	50.257	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.520%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	38451	5.164	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	11.570	152	52231	4.641	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
3) Chloromethane	1.217	50	2018	0.177	ug/L	95
6) Bromomethane	1.494	94	565	0.124	ug/L	76
51) Chlorobenzene	8.828	112	1636	0.074	ug/L	92
60) Isopropylbenzene	10.860	105	2619	0.080	ug/L #	63
63) 1,2,4-Trimethylbenzene	10.860	105	2619	0.098	ug/L	88
64) 1,3-Dichlorobenzene	11.130	146	1502	0.090	ug/L	87
69) 1,3,5-Trichlorobenzene	12.590	180	3029	0.229	ug/L	95
70) 1,2,4-trichlorobenzene	13.210	180	3486	0.343	ug/L	91
72) 1,2,3-Trichlorobenzene	13.689	180	2503	0.291	ug/L	90

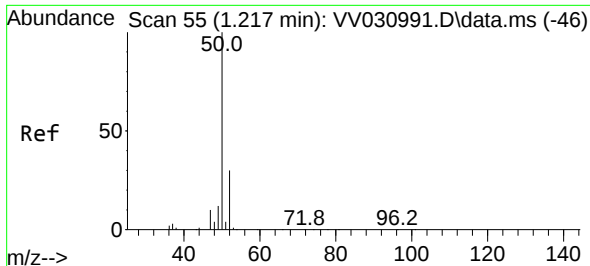
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050523\
Data File : VV030994.D
Acq On : 05 May 2023 14:47
Operator : SY/MD
Sample : 02613-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA1

Quant Time: May 06 01:47:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat May 06 01:44:36 2023
Response via : Initial Calibration

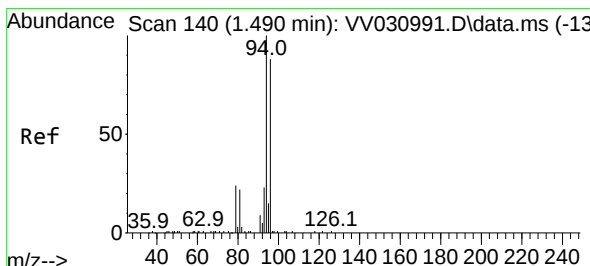
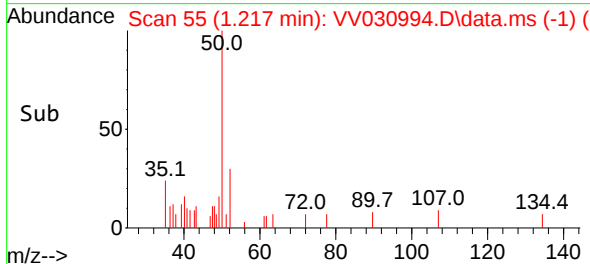
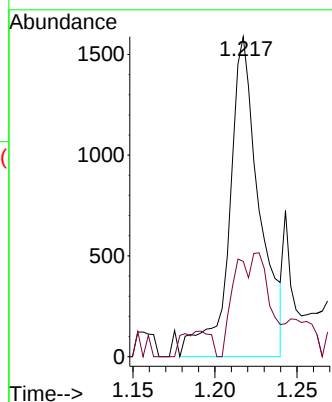
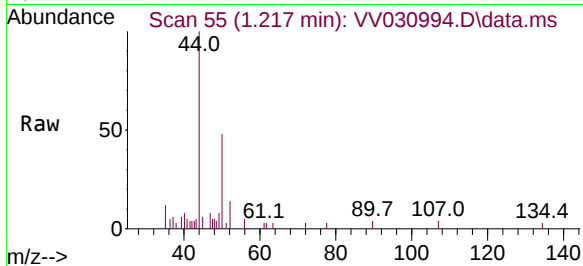




#3
Chloromethane
Concen: 0.177 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030994.D
Acq: 05 May 2023 14:47

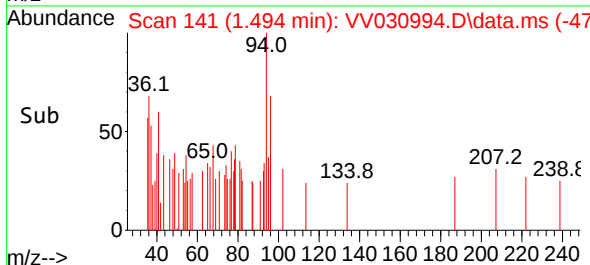
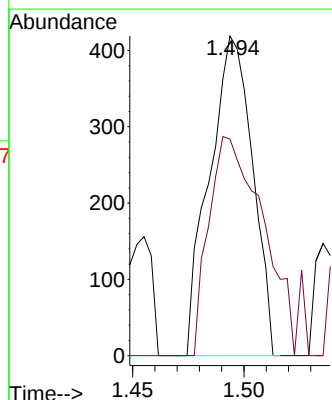
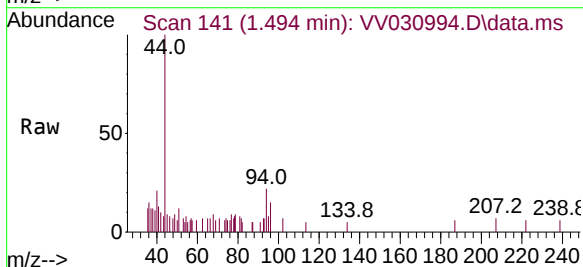
Instrument :
MSVOA_V
ClientSampleId :
C0AA1

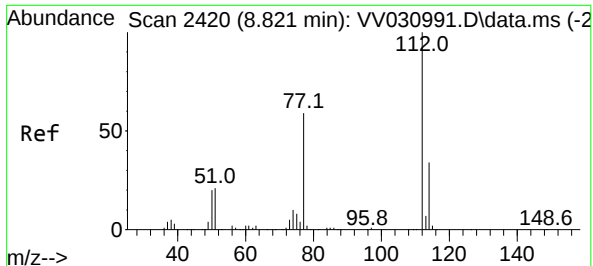
Tgt Ion: 50 Resp: 2018
Ion Ratio Lower Upper
50 100
52 29.8 22.8 42.4



#6
Bromomethane
Concen: 0.124 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030994.D
Acq: 05 May 2023 14:47

Tgt Ion: 94 Resp: 565
Ion Ratio Lower Upper
94 100
96 67.8 63.4 117.8

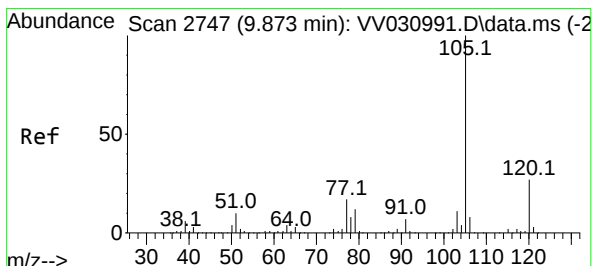
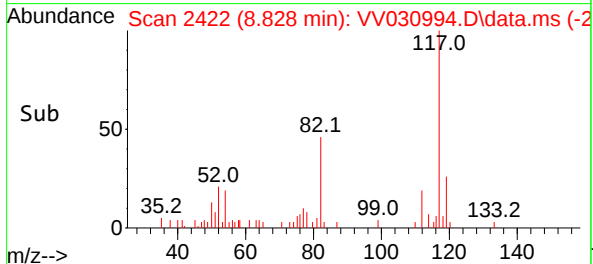
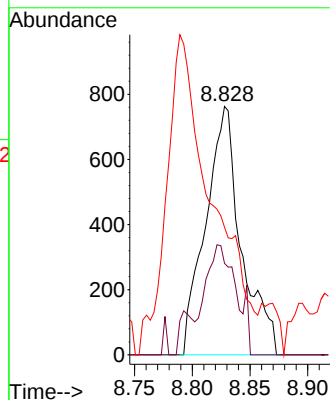
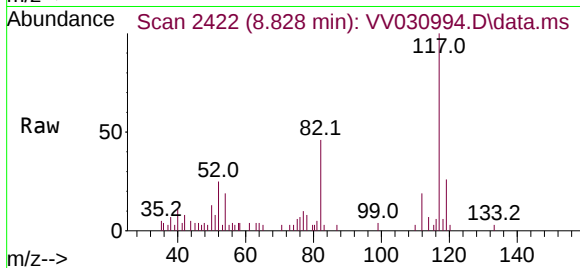




#51
Chlorobenzene
Concen: 0.074 ug/L
RT: 8.828 min Scan# 2420
Delta R.T. 0.007 min
Lab File: VV030994.D
Acq: 05 May 2023 14:47

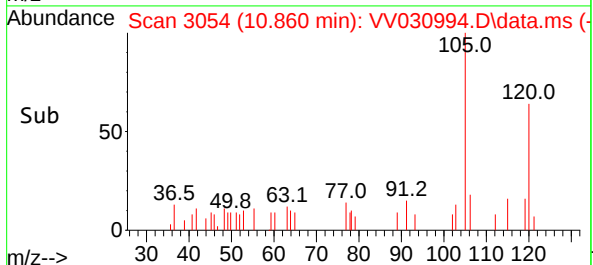
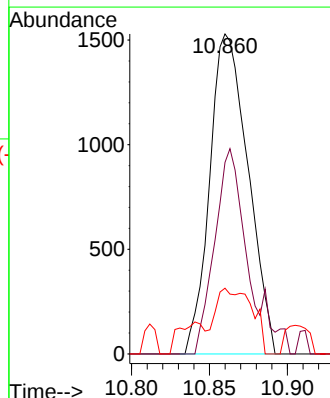
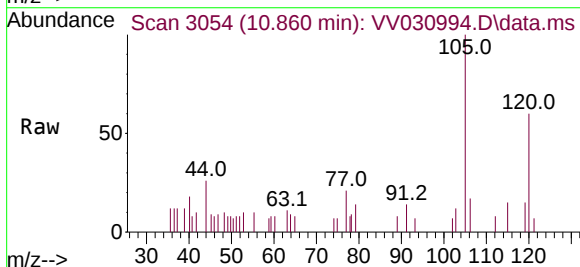
Instrument :
MSVOA_V
ClientSampleId :
C0AA1

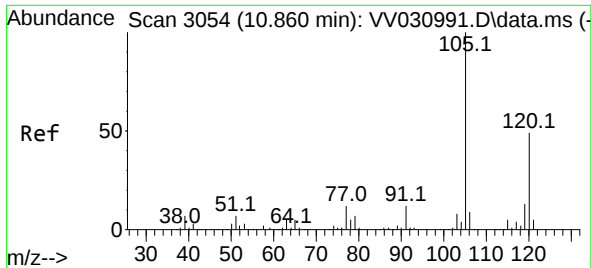
Tgt Ion:	112	Resp:	1636
Ion	Ratio	Lower	Upper
112	100		
114	36.8	22.5	41.9
77	51.4	45.3	67.9



#60
Isopropylbenzene
Concen: 0.080 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.987 min
Lab File: VV030994.D
Acq: 05 May 2023 14:47

Tgt Ion:	105	Resp:	2619
Ion	Ratio	Lower	Upper
105	100		
120	55.6	22.2	33.4#
77	19.9	13.0	19.6#

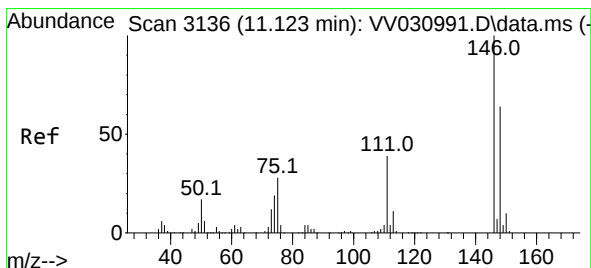
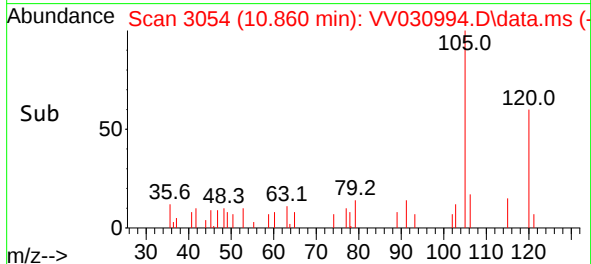
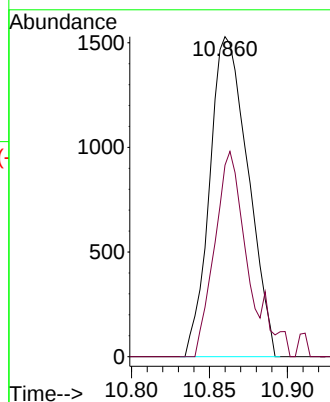
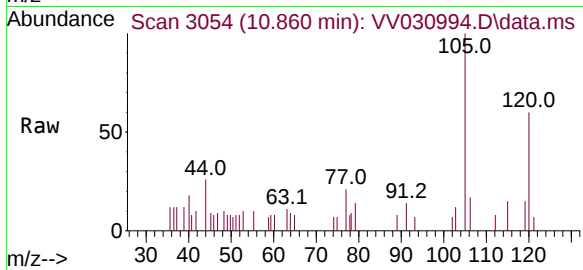




#63
1,2,4-Trimethylbenzene
Concen: 0.098 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.000 min
Lab File: VV030994.D
Acq: 05 May 2023 14:47

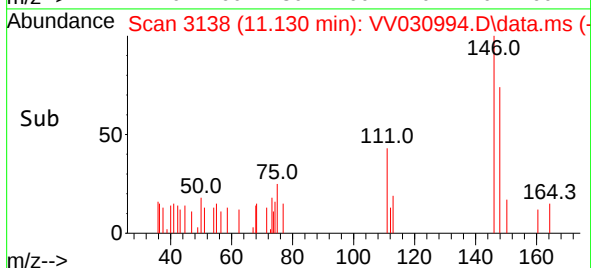
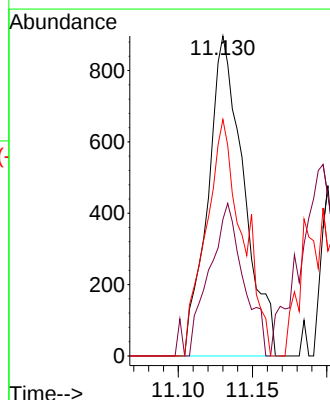
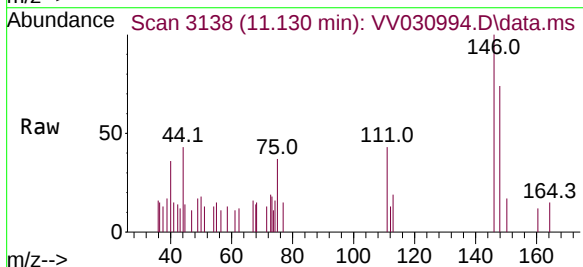
Instrument :
MSVOA_V
ClientSampleId :
C0AA1

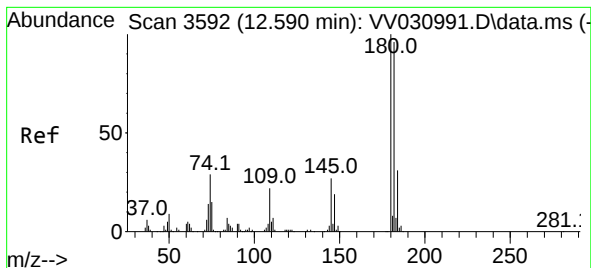
Tgt Ion:105 Resp: 2619
Ion Ratio Lower Upper
105 100
120 55.6 37.9 56.9



#64
1,3-Dichlorobenzene
Concen: 0.090 ug/L
RT: 11.130 min Scan# 3138
Delta R.T. 0.007 min
Lab File: VV030994.D
Acq: 05 May 2023 14:47

Tgt Ion:146 Resp: 1502
Ion Ratio Lower Upper
146 100
111 42.7 26.5 49.3
148 73.9 43.4 80.6





#69

1,3,5-Trichlorobenzene

Concen: 0.229 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. 0.000 min

Lab File: VV030994.D

Acq: 05 May 2023 14:47

Instrument :

MSVOA_V

ClientSampleId :

C0AA1

Tgt Ion:180 Resp: 3029

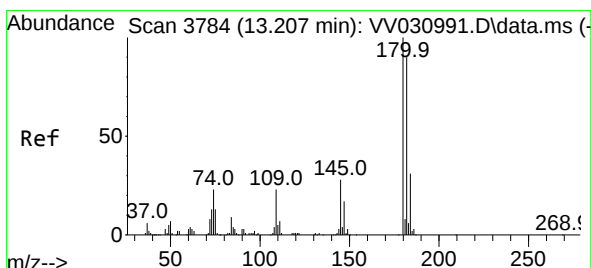
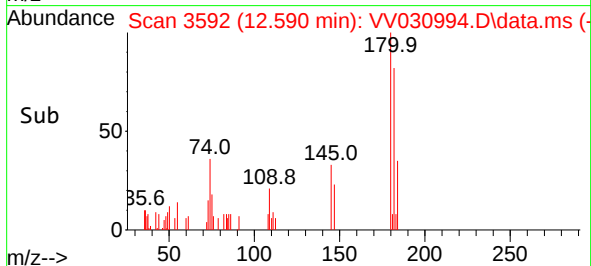
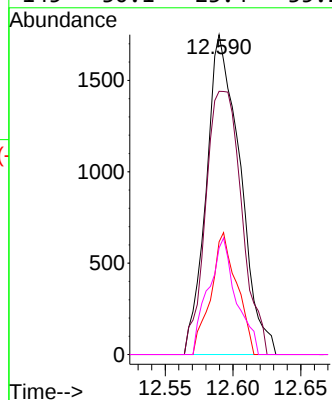
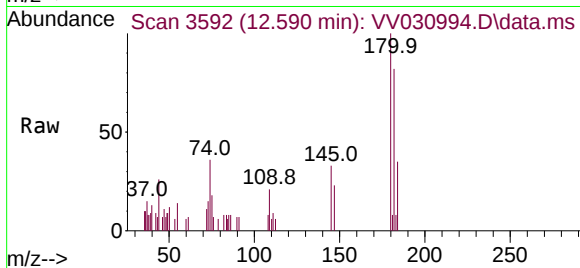
Ion Ratio Lower Upper

180 100

182 87.7 75.1 112.7

184 29.3 24.1 36.1

145 30.1 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 0.343 ug/L

RT: 13.210 min Scan# 3785

Delta R.T. 0.003 min

Lab File: VV030994.D

Acq: 05 May 2023 14:47

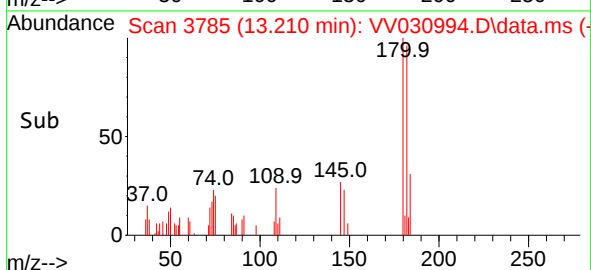
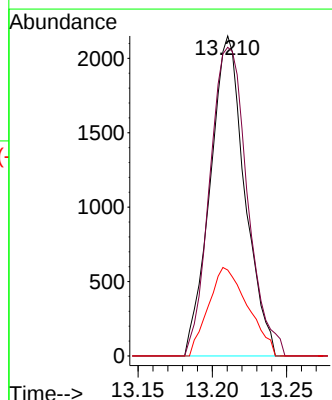
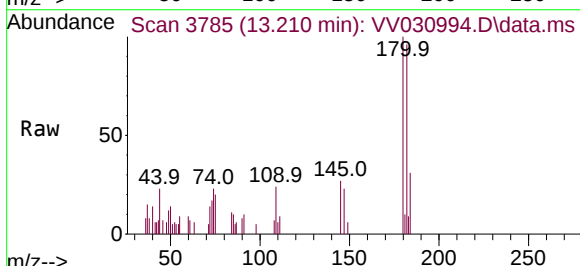
Tgt Ion:180 Resp: 3486

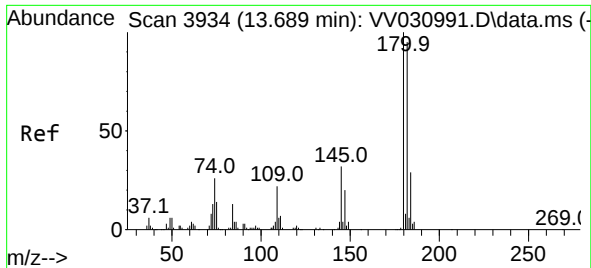
Ion Ratio Lower Upper

180 100

182 104.8 76.0 114.0

145 31.5 22.9 34.3





#72

1,2,3-Trichlorobenzene

Concen: 0.291 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. 0.000 min

Lab File: VV030994.D

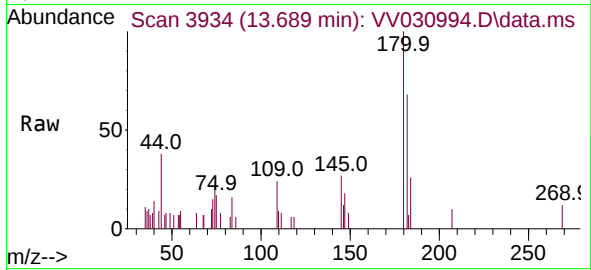
Acq: 05 May 2023 14:47

Instrument :

MSVOA_V

ClientSampleId :

C0AA1



Tgt Ion:180 Resp: 2503

Ion Ratio Lower Upper

180 100

182 85.2 77.3 115.9

145 29.3 24.7 37.1

