

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050523\
 Data File : VV030993.D
 Acq On : 05 May 2023 13:19
 Operator : SY/MD
 Sample : 02613-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA0

Quant Time: May 06 01:47:15 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)

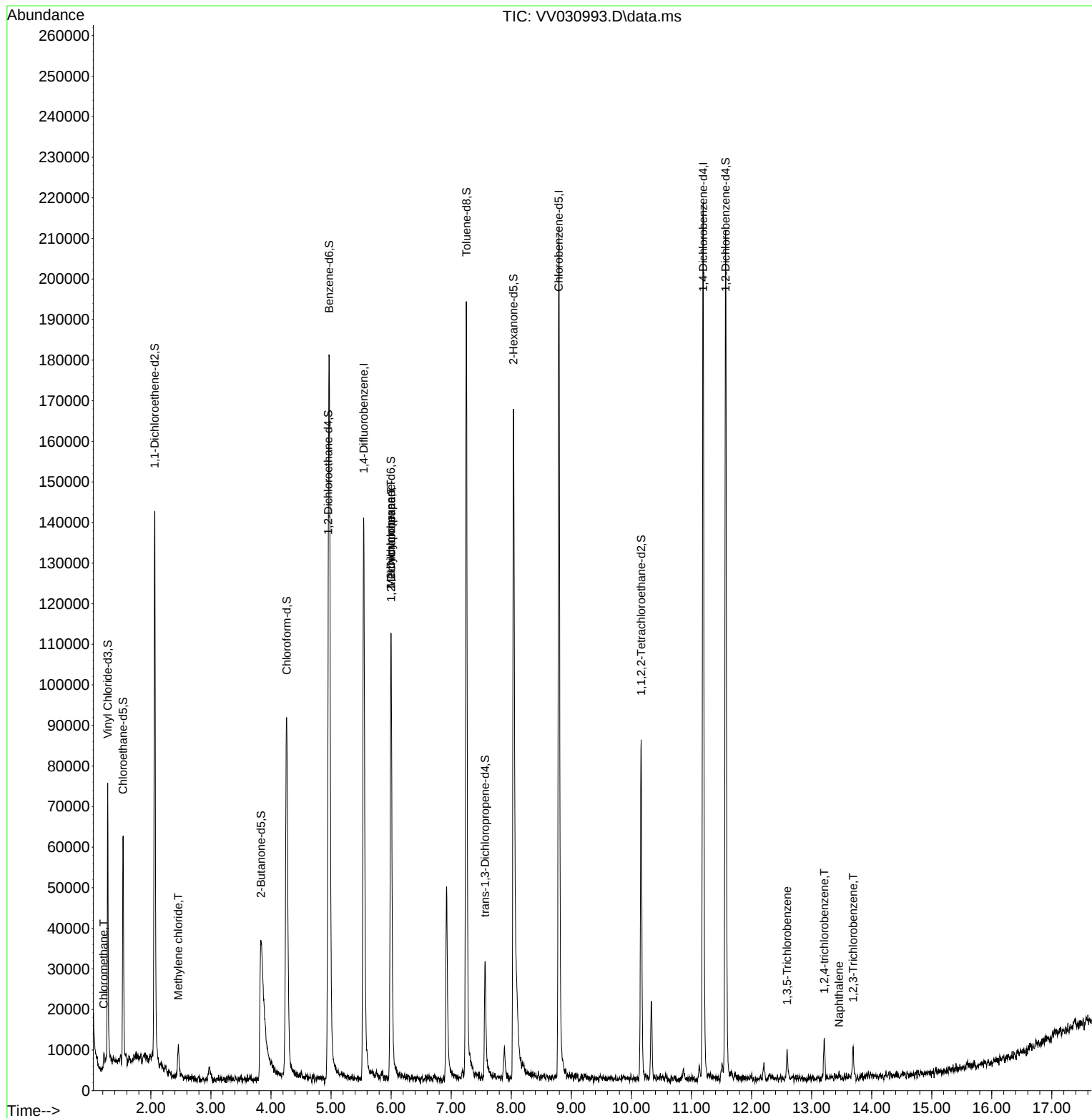
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	121972	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	115047	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	61262	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	43377	4.316	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.535	69	36510	4.454	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.063	65	22425	4.217	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	3.834	46	85793	48.143	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.280%
24) Chloroform-d	4.262	84	94727	4.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	4.953	65	47203	4.649	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	4.969	84	156242	4.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	5.998	67	46722	4.765	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.252	98	129447	4.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	7.564	79	17420	4.739	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.037	63	61619	47.847	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.700%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	36465	5.130	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	55088	4.824	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1724	0.152	ug/L	100
16) Methylene chloride	2.458	84	3372	0.363	ug/L	80
35) Methylcyclohexane	5.998	83	12504	1.046	ug/L #	18
37) 1,2-Dichloropropane	6.001	63	6954	1.013	ug/L #	86
69) 1,3,5-Trichlorobenzene	12.593	180	1874	0.140	ug/L #	91
70) 1,2,4-trichlorobenzene	13.210	180	2991	0.290	ug/L	97
71) Naphthalene	13.458	128	1131	0.076	ug/L #	76
72) 1,2,3-Trichlorobenzene	13.692	180	2155	0.247	ug/L	94

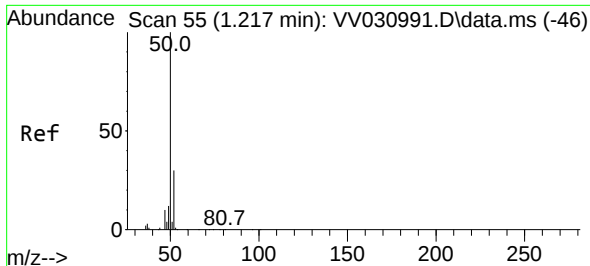
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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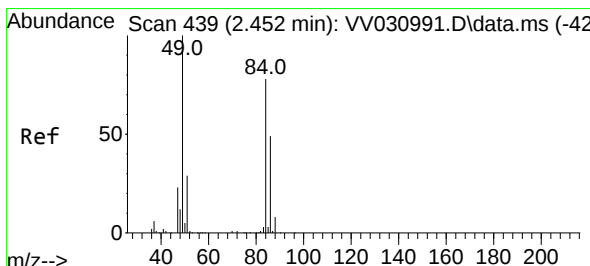
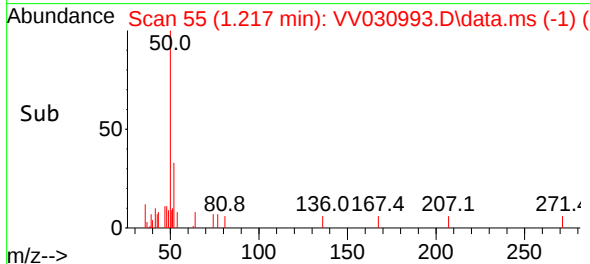
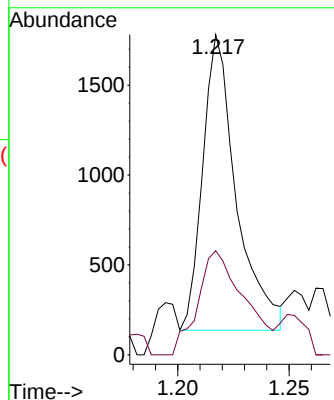
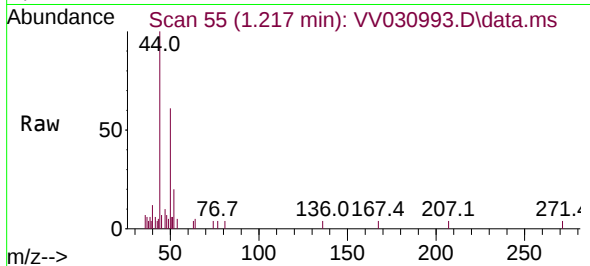




#3
Chloromethane
Concen: 0.152 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030993.D
Acq: 05 May 2023 13:19

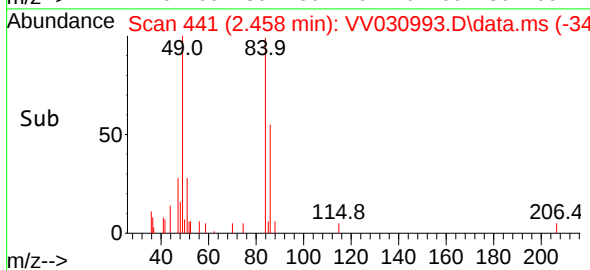
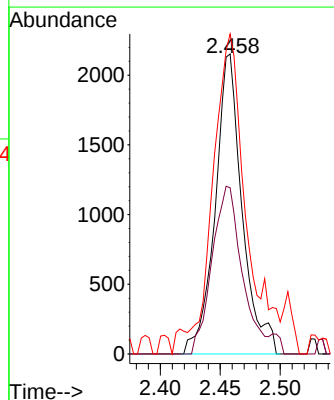
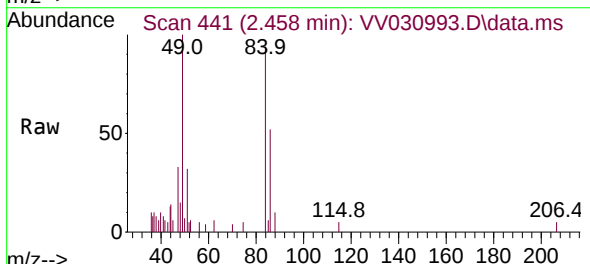
Instrument :
MSVOA_V
ClientSampleId :
C0AA0

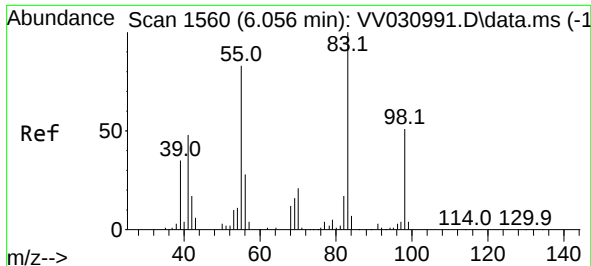
Tgt Ion: 50 Resp: 1724
Ion Ratio Lower Upper
50 100
52 32.5 22.8 42.4



#16
Methylene chloride
Concen: 0.363 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.006 min
Lab File: VV030993.D
Acq: 05 May 2023 13:19

Tgt Ion: 84 Resp: 3372
Ion Ratio Lower Upper
84 100
86 55.4 46.1 85.5
49 106.6 94.3 175.1

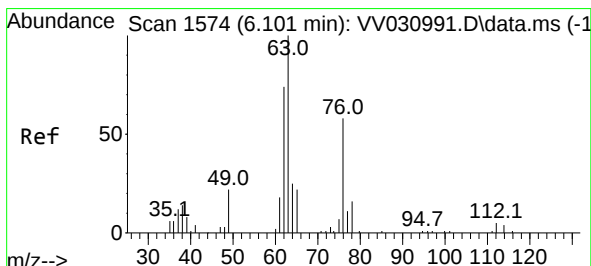
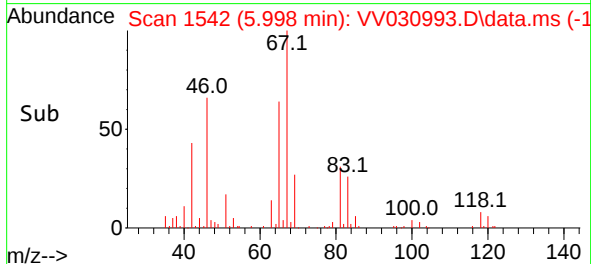
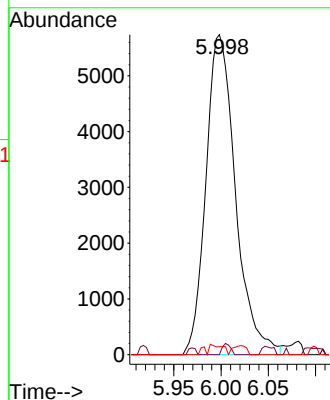
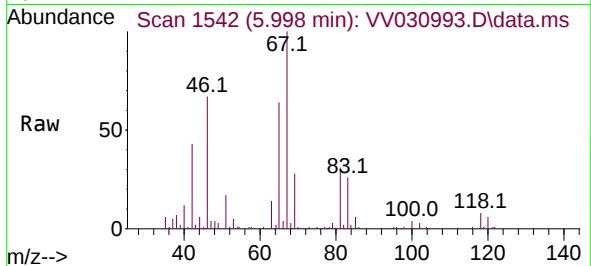




#35
Methylcyclohexane
Concen: 1.046 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV030993.D
Acq: 05 May 2023 13:19

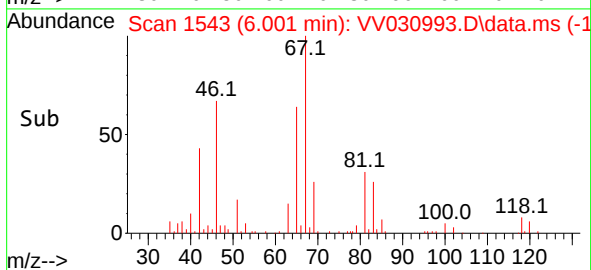
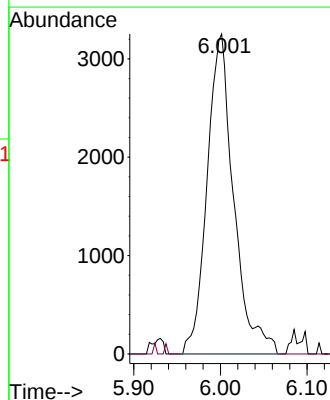
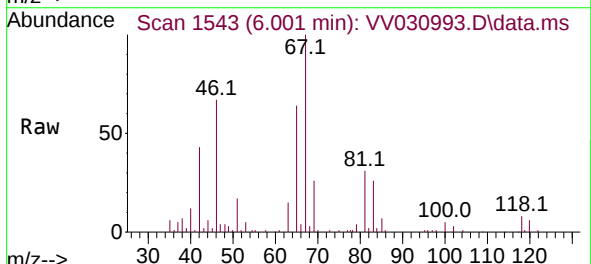
Instrument :
MSVOA_V
ClientSampleId :
C0AA0

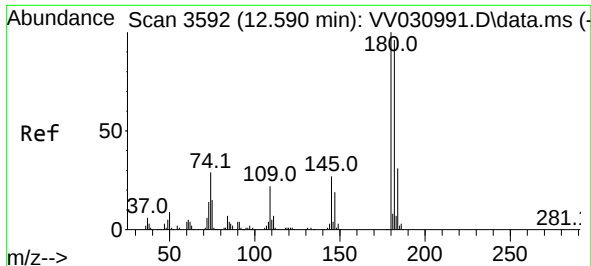
Tgt Ion: 83 Resp: 12504
Ion Ratio Lower Upper
83 100
55 1.0 62.9 94.3#
98 1.4 40.5 60.7#



#37
1,2-Dichloropropane
Concen: 1.013 ug/L
RT: 6.001 min Scan# 1543
Delta R.T. -0.100 min
Lab File: VV030993.D
Acq: 05 May 2023 13:19

Tgt Ion: 63 Resp: 6954
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.8#





#69

1,3,5-Trichlorobenzene

Concen: 0.140 ug/L

RT: 12.593 min Scan# 3592

Delta R.T. 0.003 min

Lab File: VV030993.D

Acq: 05 May 2023 13:19

Instrument :

MSVOA_V

ClientSampleId :

C0AA0

Tgt Ion:180 Resp: 1874

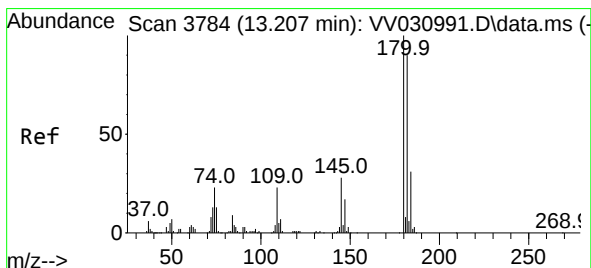
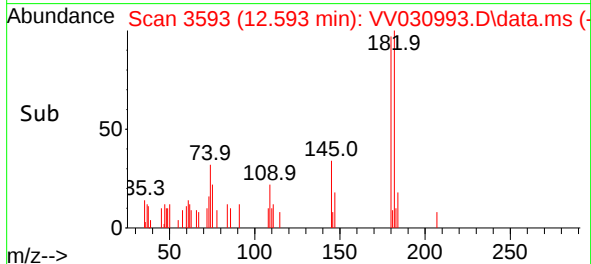
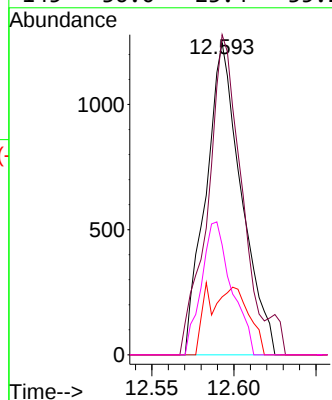
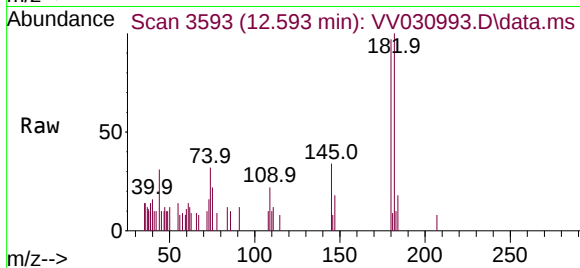
Ion Ratio Lower Upper

180 100

182 95.8 75.1 112.7

184 16.5 24.1 36.1#

145 36.0 23.4 35.2#



#70

1,2,4-trichlorobenzene

Concen: 0.290 ug/L

RT: 13.210 min Scan# 3785

Delta R.T. 0.003 min

Lab File: VV030993.D

Acq: 05 May 2023 13:19

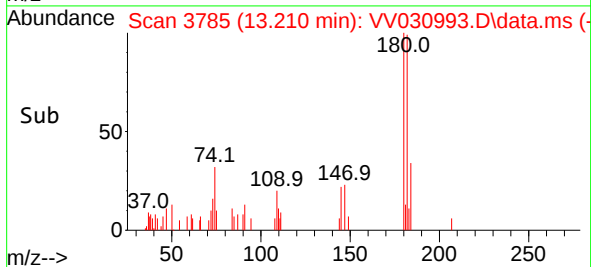
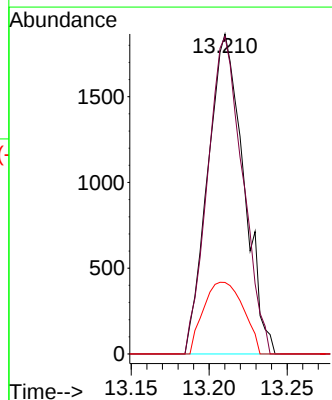
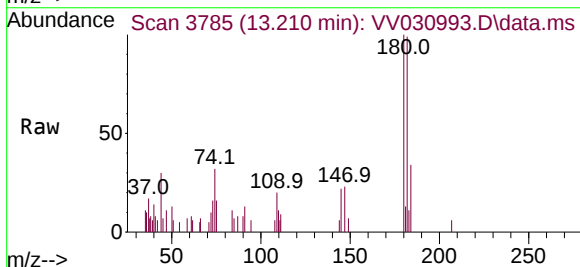
Tgt Ion:180 Resp: 2991

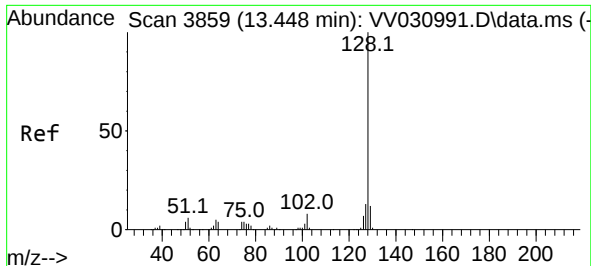
Ion Ratio Lower Upper

180 100

182 96.8 76.0 114.0

145 24.8 22.9 34.3

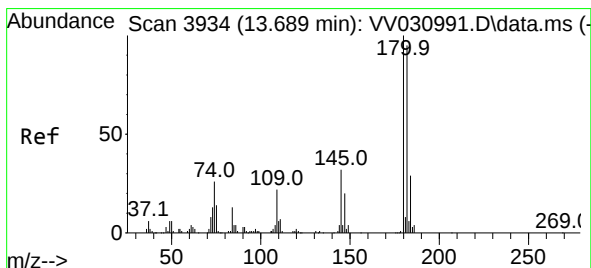
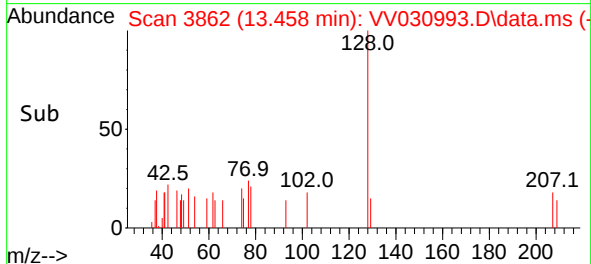
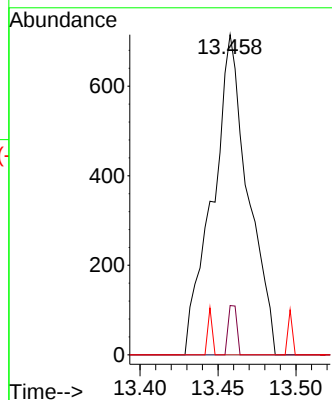
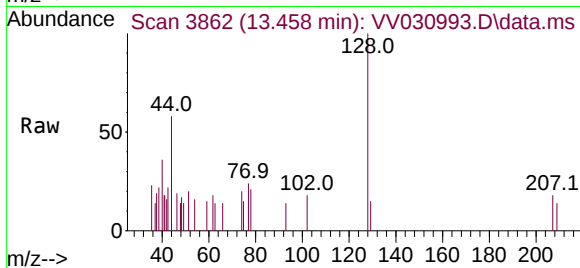




#71
Naphthalene
Concen: 0.076 ug/L
RT: 13.458 min Scan# 3862
Delta R.T. 0.010 min
Lab File: VV030993.D
Acq: 05 May 2023 13:19

Instrument :
MSVOA_V
ClientSampleId :
C0AA0

Tgt Ion:128 Resp: 1131
Ion Ratio Lower Upper
128 100
129 3.7 8.6 13.0#
127 1.8 10.6 16.0#



#72
1,2,3-Trichlorobenzene
Concen: 0.247 ug/L
RT: 13.692 min Scan# 3935
Delta R.T. 0.003 min
Lab File: VV030993.D
Acq: 05 May 2023 13:19

Tgt Ion:180 Resp: 2155
Ion Ratio Lower Upper
180 100
182 89.4 77.3 115.9
145 29.0 24.7 37.1

