

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050523\
 Data File : VV030992.D
 Acq On : 05 May 2023 12:24
 Operator : SY/MD
 Sample : VV0505WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK333

Quant Time: May 06 01:46:59 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)

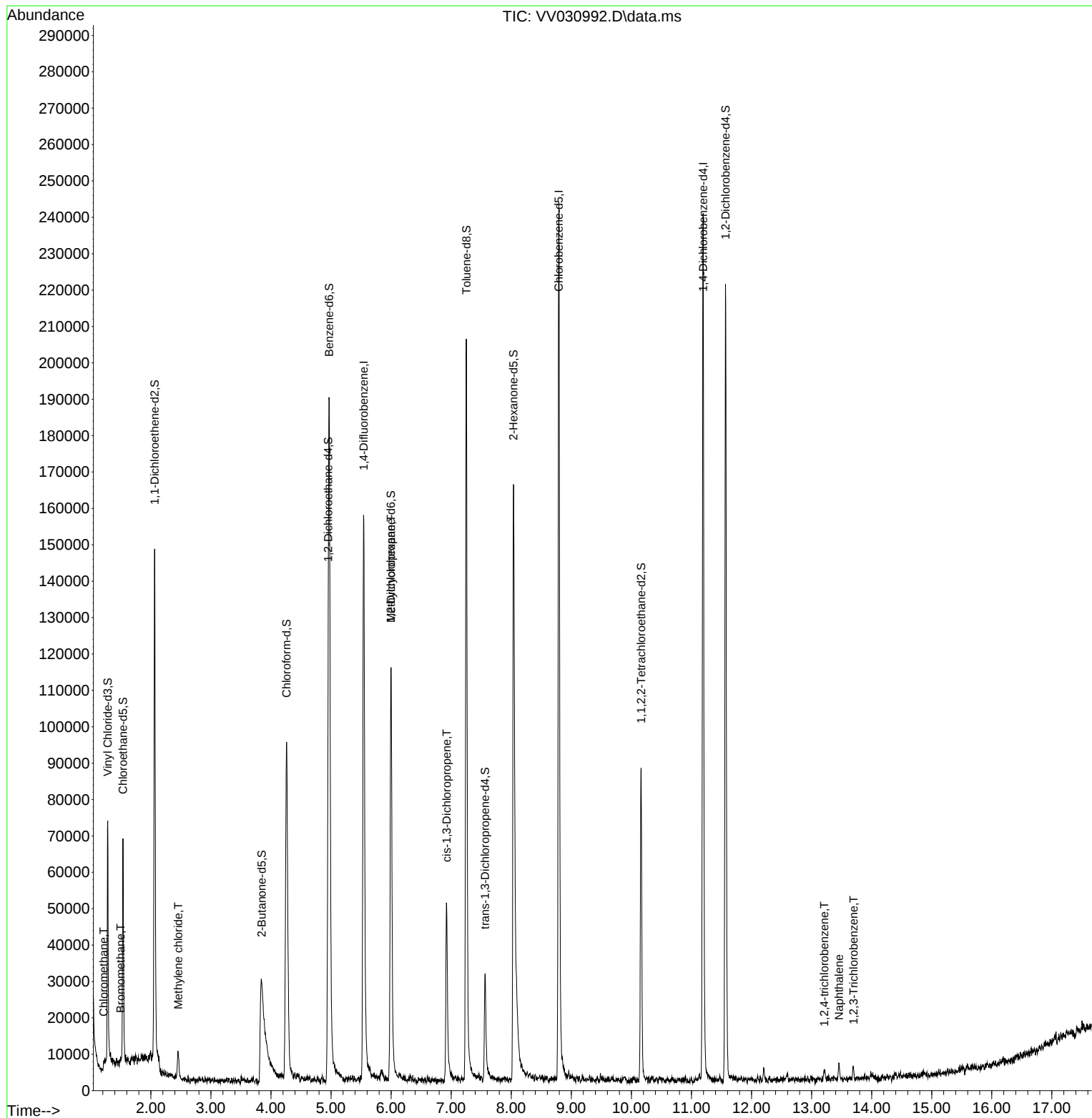
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	135716	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	131834	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	66889	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	43557	3.895	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.000%	
7) Chloroethane-d5	1.536	69	38514	4.222	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.400%	
11) 1,1-Dichloroethene-d2	2.063	65	23611	3.990	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.800%	
20) 2-Butanone-d5	3.844	46	81959	41.334	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	82.660%	
24) Chloroform-d	4.259	84	97539	4.389	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
26) 1,2-Dichloroethane-d4	4.954	65	51045	4.518	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
32) Benzene-d6	4.970	84	161125	4.170	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.400%	
36) 1,2-Dichloropropane-d6	5.998	67	47767	4.251	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.000%	
41) Toluene-d8	7.252	98	133797	3.636	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.800%	
43) trans-1,3-Dichloroprop...	7.564	79	17387	4.128	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.600%	
46) 2-Hexanone-d5	8.037	63	64468	43.685	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.360%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	36632	4.498	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.000%	
66) 1,2-Dichlorobenzene-d4	11.567	152	57501	4.612	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.200%	
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1345	0.107	ug/L	93
6) Bromomethane	1.497	94	609	0.121	ug/L	82
16) Methylene chloride	2.458	84	3178	0.308	ug/L	94
35) Methylcyclohexane	5.998	83	13463	0.983	ug/L #	18
39) cis-1,3-Dichloropropene	6.925	75	1808	0.153	ug/L #	62
70) 1,2,4-trichlorobenzene	13.210	180	972	0.086	ug/L #	85
71) Naphthalene	13.458	128	2823	0.175	ug/L #	90
72) 1,2,3-Trichlorobenzene	13.699	180	969	0.102	ug/L	93

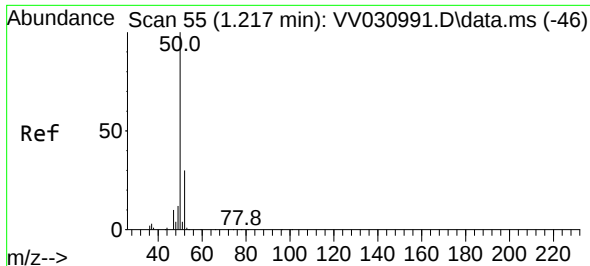
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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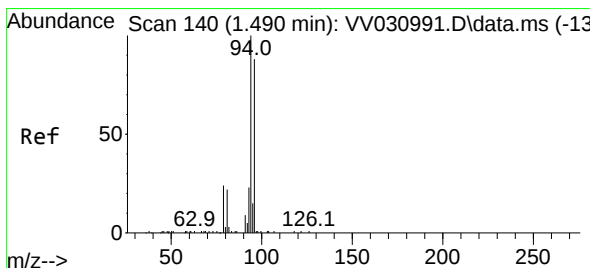
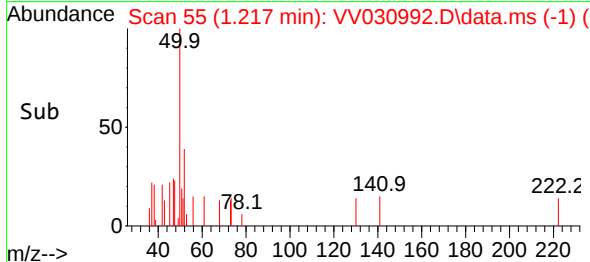
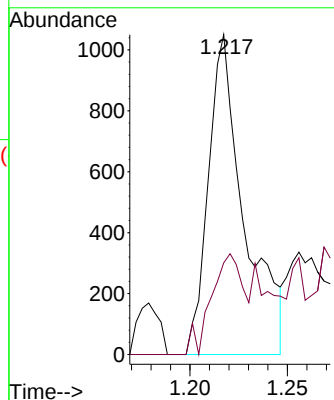
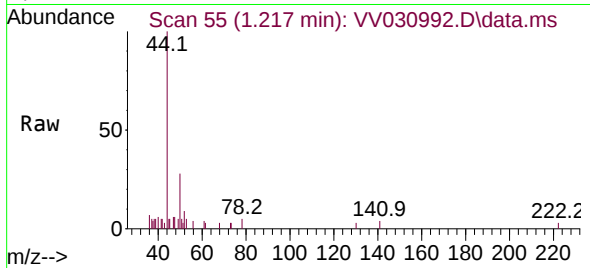




#3
Chloromethane
Concen: 0.107 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030992.D
Acq: 05 May 2023 12:24

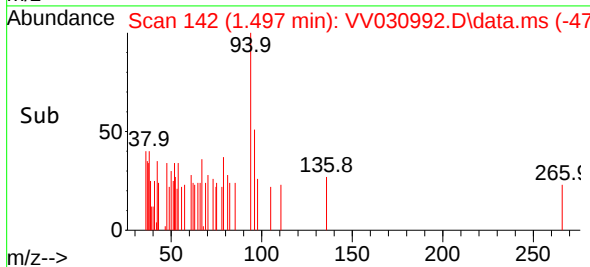
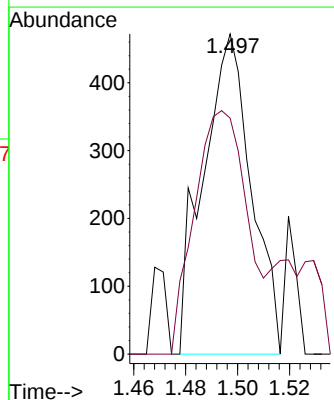
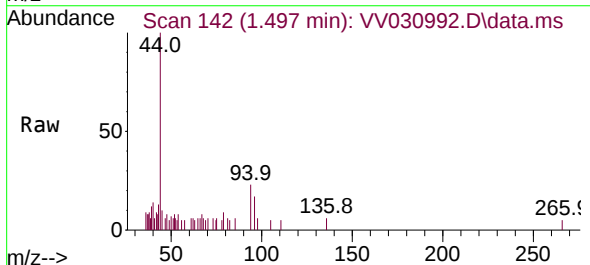
Instrument :
MSVOA_V
ClientSampleId :
VBLK333

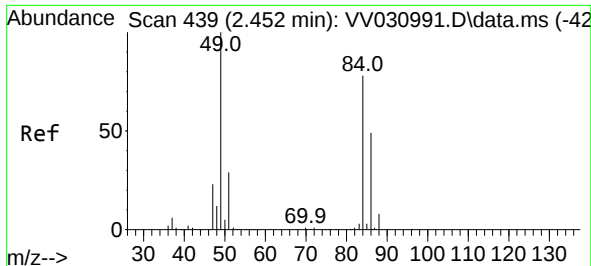
Tgt Ion: 50 Resp: 1345
Ion Ratio Lower Upper
50 100
52 28.7 22.8 42.4



#6
Bromomethane
Concen: 0.121 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.007 min
Lab File: VV030992.D
Acq: 05 May 2023 12:24

Tgt Ion: 94 Resp: 609
Ion Ratio Lower Upper
94 100
96 73.7 63.4 117.8

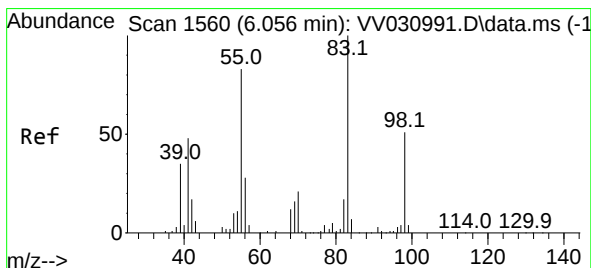
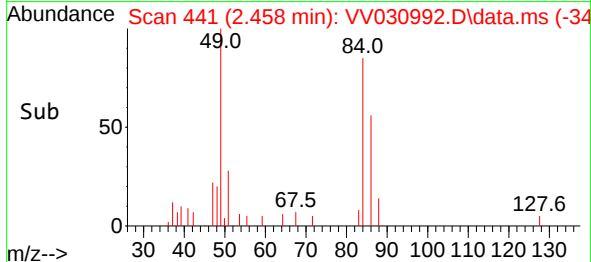
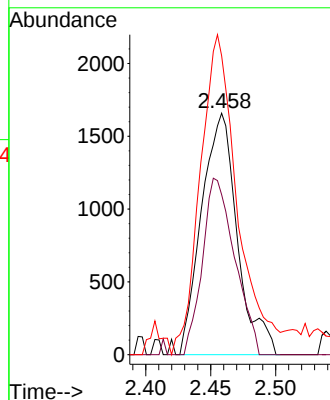
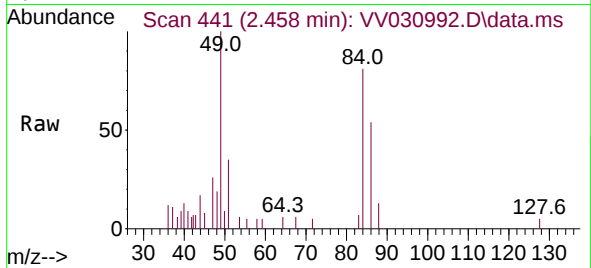




#16
Methylene chloride
Concen: 0.308 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.007 min
Lab File: VV030992.D
Acq: 05 May 2023 12:24

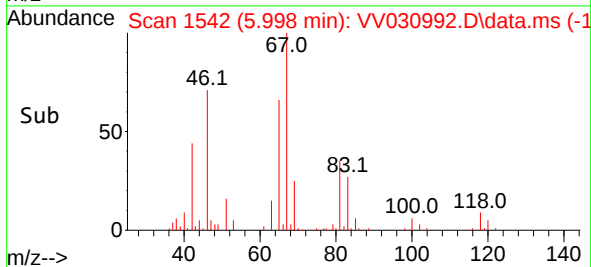
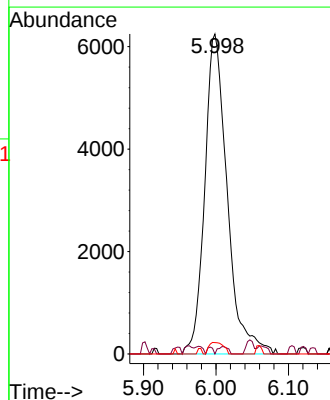
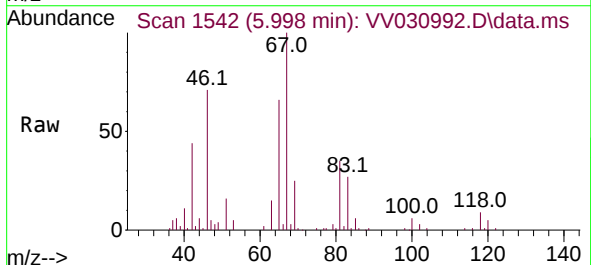
Instrument :
MSVOA_V
ClientSampleId :
VBLK333

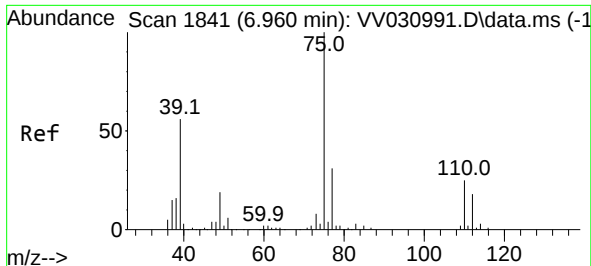
Tgt Ion: 84 Resp: 3178
Ion Ratio Lower Upper
84 100
86 66.3 46.1 85.5
49 123.8 94.3 175.1



#35
Methylcyclohexane
Concen: 0.983 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV030992.D
Acq: 05 May 2023 12:24

Tgt Ion: 83 Resp: 13463
Ion Ratio Lower Upper
83 100
55 0.5 62.9 94.3#
98 2.3 40.5 60.7#





#39

cis-1,3-Dichloropropene

Concen: 0.153 ug/L

RT: 6.925 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV030992.D

Acq: 05 May 2023 12:24

Instrument :

MSVOA_V

ClientSampleId :

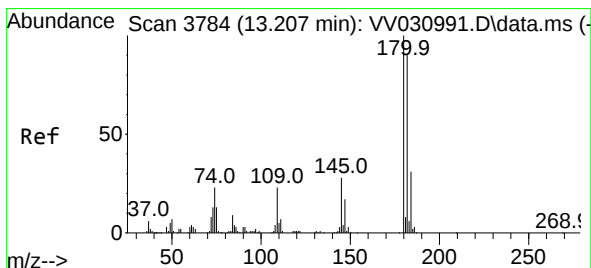
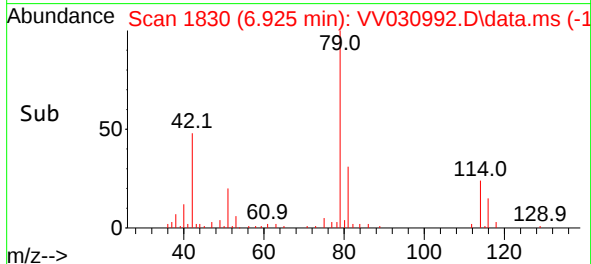
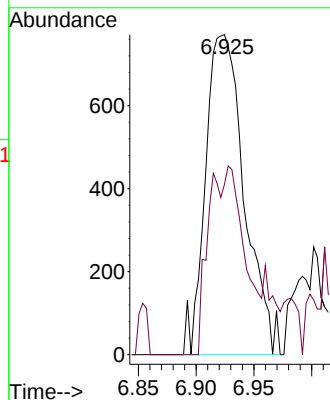
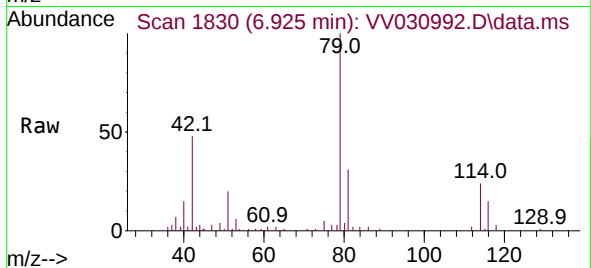
VBLK333

Tgt Ion: 75 Resp: 1808

Ion Ratio Lower Upper

75 100

77 53.3 22.6 42.0#



#70

1,2,4-trichlorobenzene

Concen: 0.086 ug/L

RT: 13.210 min Scan# 3785

Delta R.T. 0.003 min

Lab File: VV030992.D

Acq: 05 May 2023 12:24

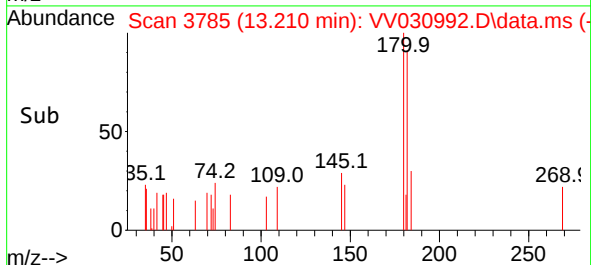
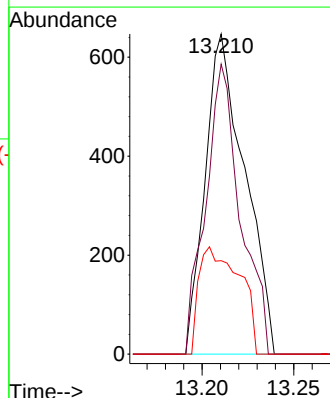
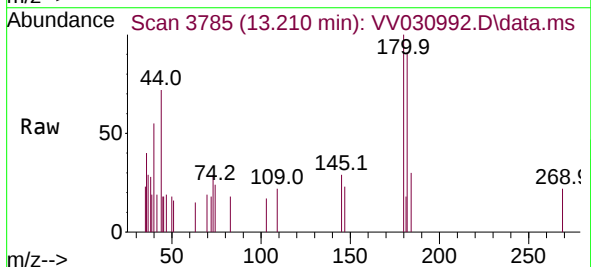
Tgt Ion:180 Resp: 972

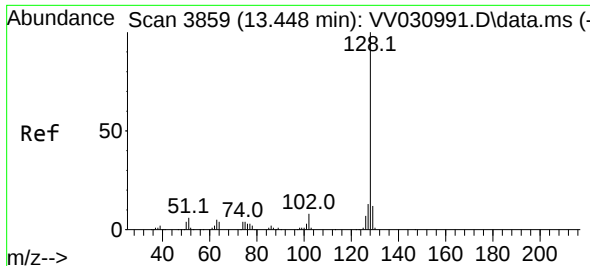
Ion Ratio Lower Upper

180 100

182 79.5 76.0 114.0

145 34.5 22.9 34.3#

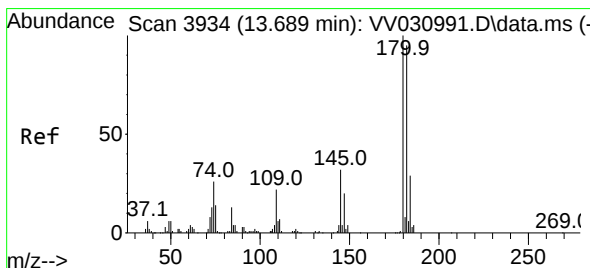
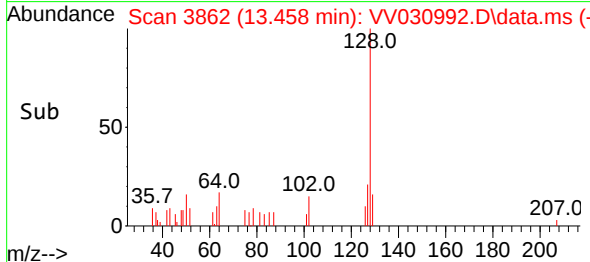
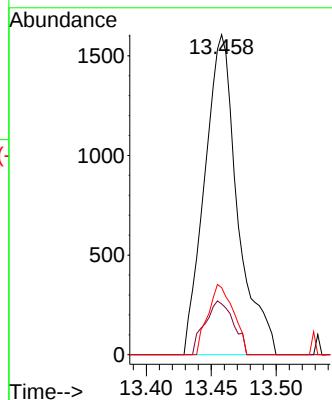
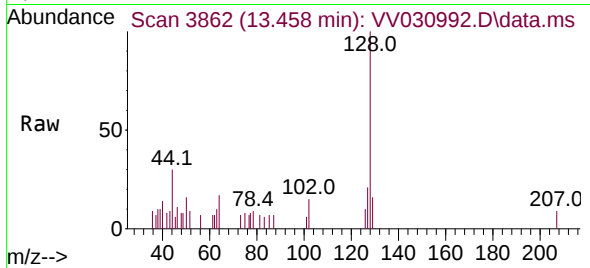




#71
Naphthalene
Concen: 0.175 ug/L
RT: 13.458 min Scan# 3862
Delta R.T. 0.010 min
Lab File: VV030992.D
Acq: 05 May 2023 12:24

Instrument :
MSVOA_V
ClientSampleId :
VBLK333

Tgt Ion:128 Resp: 2823
Ion Ratio Lower Upper
128 100
129 14.7 8.6 13.0#
127 17.0 10.6 16.0#



#72
1,2,3-Trichlorobenzene
Concen: 0.102 ug/L
RT: 13.699 min Scan# 3937
Delta R.T. 0.010 min
Lab File: VV030992.D
Acq: 05 May 2023 12:24

Tgt Ion:180 Resp: 969
Ion Ratio Lower Upper
180 100
182 88.1 77.3 115.9
145 31.5 24.7 37.1

