

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051523\
 Data File : VV031034.D
 Acq On : 15 May 2023 18:32
 Operator : SY/MD
 Sample : 02768-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 16 00:45:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 16 00:40:05 2023
 Response via : Initial Calibration

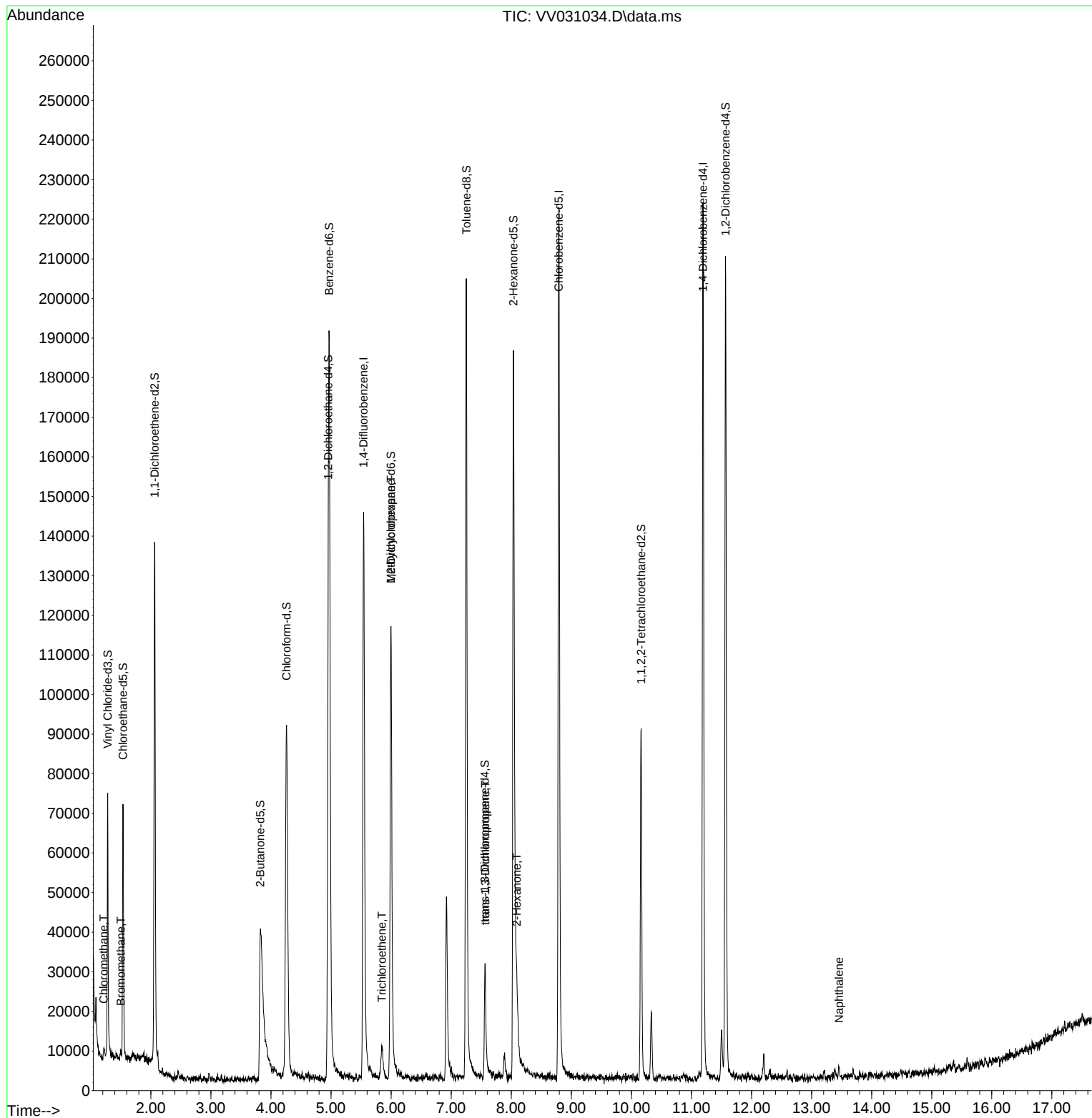
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	124510	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	121201	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	60202	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	40621	3.960	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.200%	
7) Chloroethane-d5	1.536	69	39094	4.672	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.400%	
11) 1,1-Dichloroethene-d2	2.063	65	22319	4.111	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.200%	
20) 2-Butanone-d5	3.822	46	99980	54.961	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.920%	
24) Chloroform-d	4.259	84	95391	4.679	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
26) 1,2-Dichloroethane-d4	4.954	65	52294	5.045	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.000%	
32) Benzene-d6	4.970	84	162236	4.567	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
36) 1,2-Dichloropropane-d6	5.995	67	48160	4.662	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.200%	
41) Toluene-d8	7.252	98	135688	4.011	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.200%	
43) trans-1,3-Dichloroprop...	7.561	79	17320	4.473	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.400%	
46) 2-Hexanone-d5	8.037	63	66055	48.687	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.380%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	39494	5.274	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.400%	
66) 1,2-Dichlorobenzene-d4	11.571	152	55461	4.942	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	1440	0.125	ug/L	83
6) Bromomethane	1.500	94	750	0.163	ug/L	96
34) Trichloroethene	5.847	95	2461	0.303	ug/L	91
35) Methylcyclohexane	5.995	83	13429	1.066	ug/L #	18
44) trans-1,3-Dichloropropene	7.568	75	1272	0.138	ug/L	87
48) 2-Hexanone	8.092	43	10448	3.636	ug/L	96
71) Naphthalene	13.458	128	1357	0.093	ug/L #	89

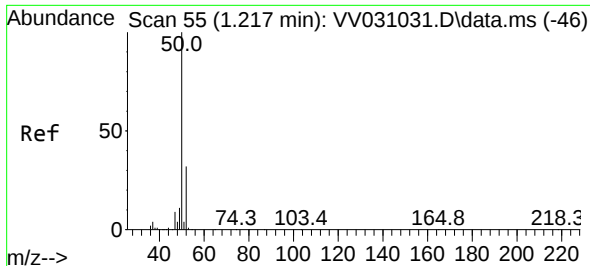
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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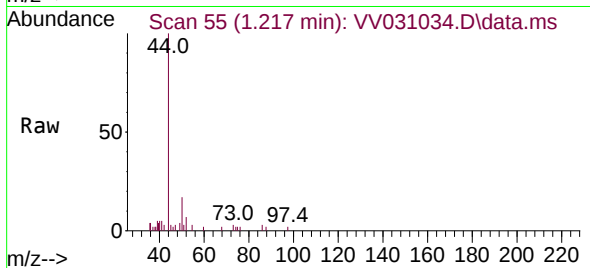
Quant Time: May 16 00:45:48 2023
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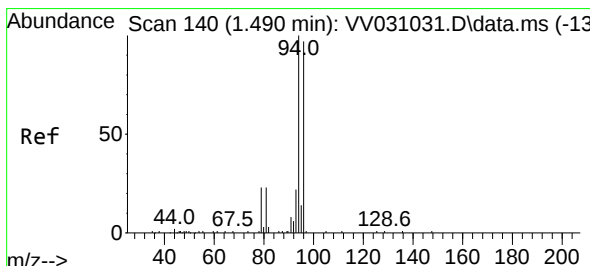
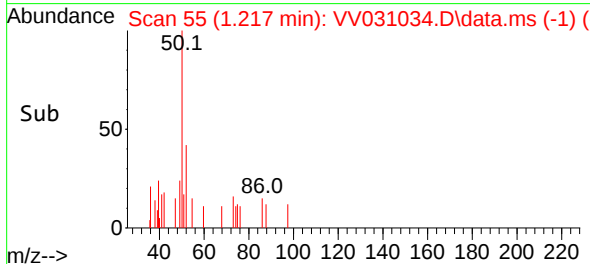
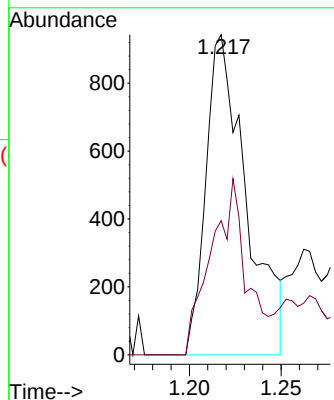


#3
Chloromethane
Concen: 0.125 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031034.D
Acq: 15 May 2023 18:32

Instrument :
MSVOA_V
ClientSampleId :

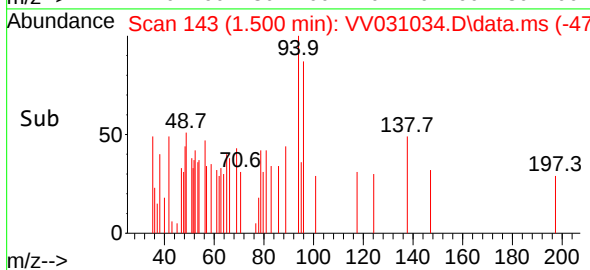
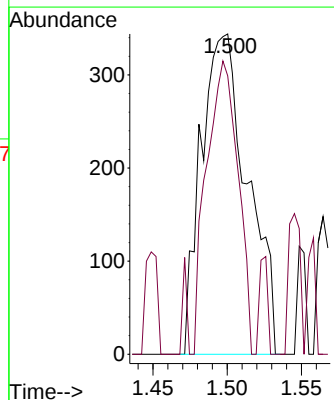
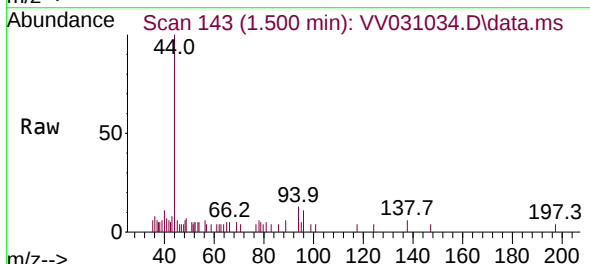


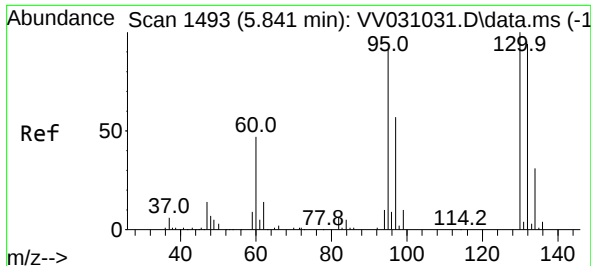
Tgt Ion: 50 Resp: 1440
Ion Ratio Lower Upper
50 100
52 41.9 22.8 42.4



#6
Bromomethane
Concen: 0.163 ug/L
RT: 1.500 min Scan# 143
Delta R.T. 0.010 min
Lab File: VV031034.D
Acq: 15 May 2023 18:32

Tgt Ion: 94 Resp: 750
Ion Ratio Lower Upper
94 100
96 86.9 63.4 117.8



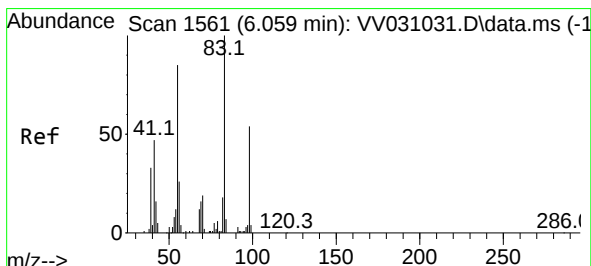
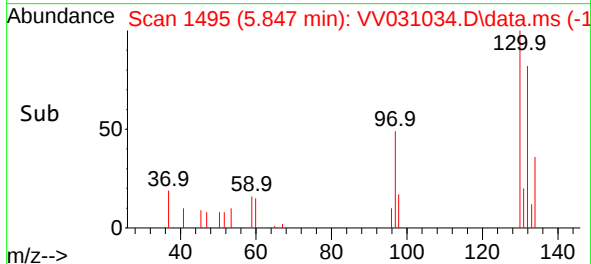
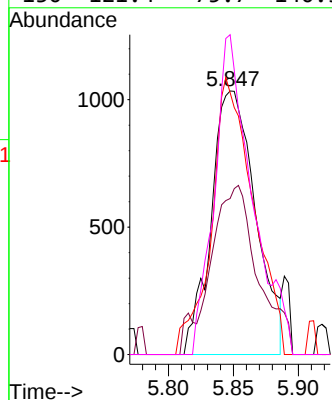
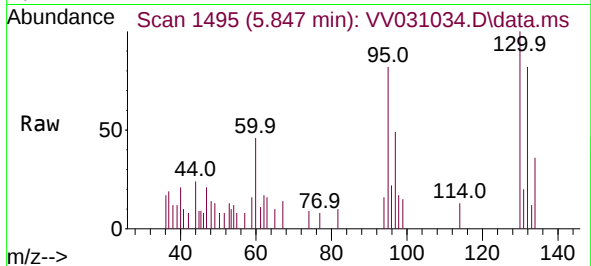


#34
Trichloroethene
Concen: 0.303 ug/L
RT: 5.847 min Scan# 1493
Delta R.T. 0.007 min
Lab File: VV031034.D
Acq: 15 May 2023 18:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 2461

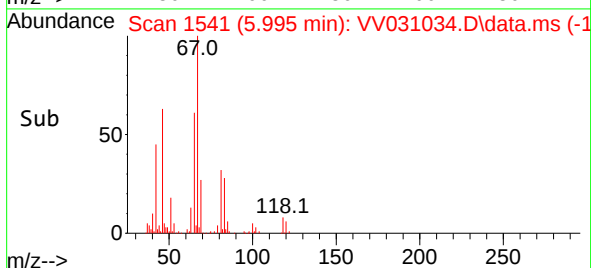
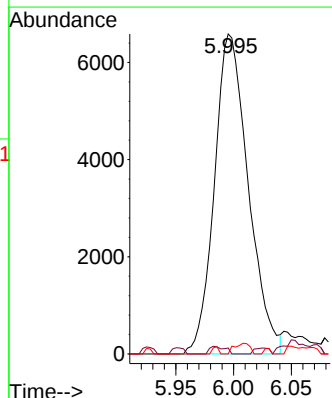
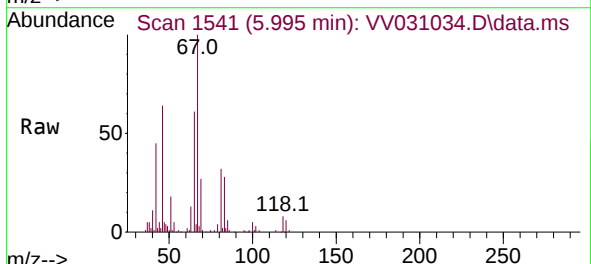
Ion	Ratio	Lower	Upper
95	100		
97	59.2	46.2	85.8
132	99.4	72.7	135.1
130	121.4	75.7	140.5

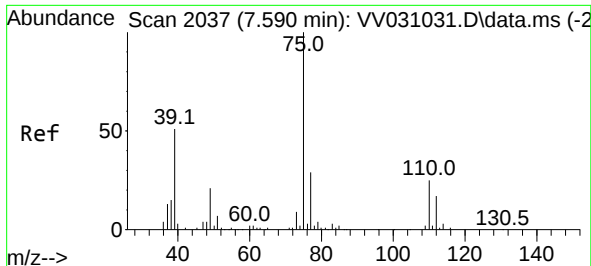


#35
Methylcyclohexane
Concen: 1.066 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.064 min
Lab File: VV031034.D
Acq: 15 May 2023 18:32

Tgt Ion: 83 Resp: 13429

Ion	Ratio	Lower	Upper
83	100		
55	1.1	62.9	94.3#
98	0.4	40.5	60.7#

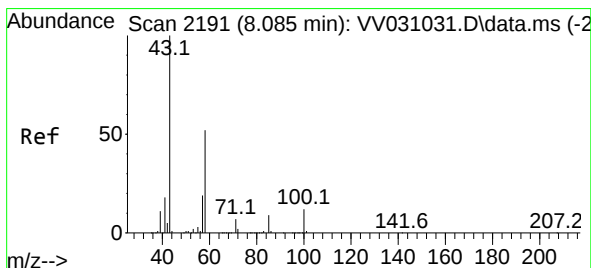
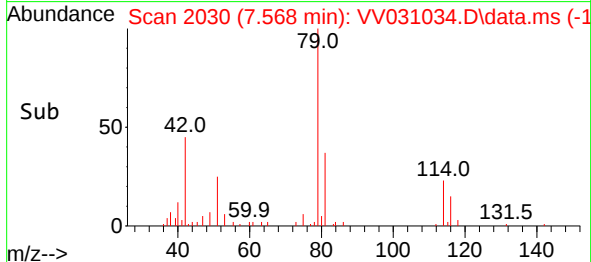
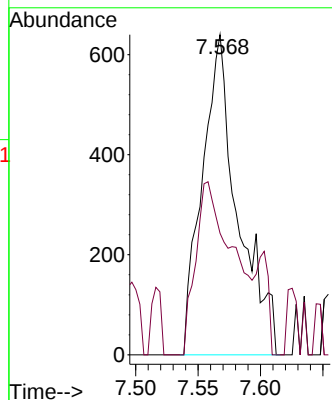
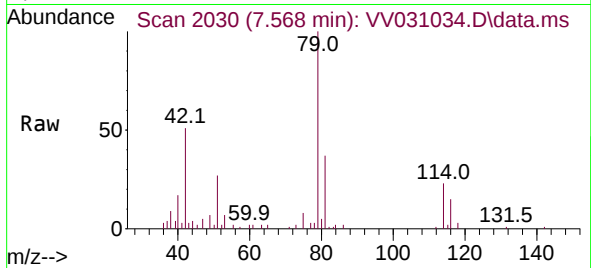




#44
trans-1,3-Dichloropropene
Concen: 0.138 ug/L
RT: 7.568 min Scan# 2037
Delta R.T. -0.022 min
Lab File: VV031034.D
Acq: 15 May 2023 18:32

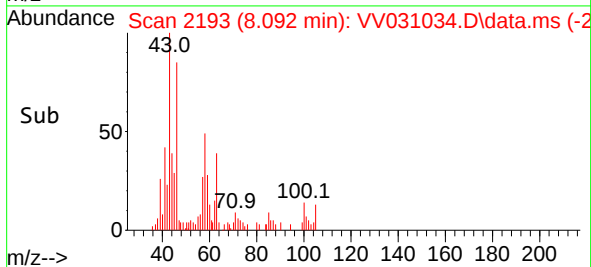
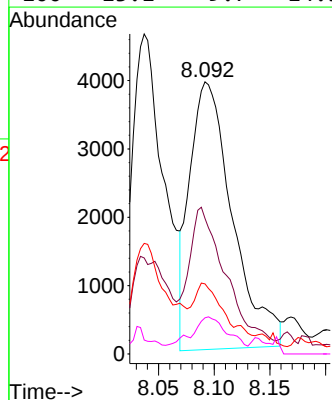
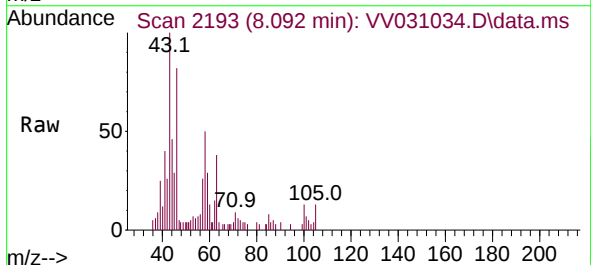
Instrument :
MSVOA_V
ClientSampleId :

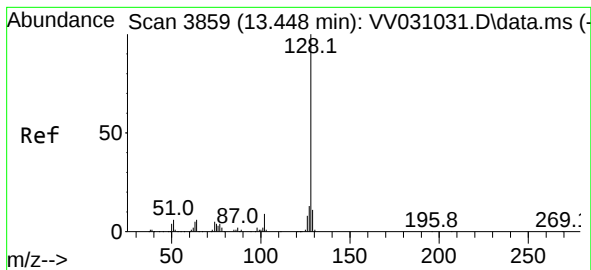
Tgt Ion: 75 Resp: 1272
Ion Ratio Lower Upper
75 100
77 38.0 21.6 40.0



#48
2-Hexanone
Concen: 3.636 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. 0.007 min
Lab File: VV031034.D
Acq: 15 May 2023 18:32

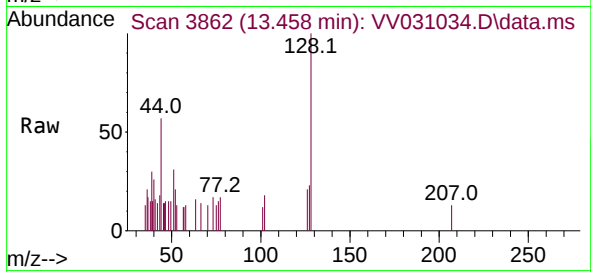
Tgt Ion: 43 Resp: 10448
Ion Ratio Lower Upper
43 100
58 47.7 39.9 59.9
57 14.4 14.1 21.1
100 13.1 9.7 14.5





#71
Naphthalene
Concen: 0.093 ug/L
RT: 13.458 min Scan# 3862
Delta R.T. 0.010 min
Lab File: VV031034.D
Acq: 15 May 2023 18:32

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1357
Ion Ratio Lower Upper
128 100
129 5.1 8.6 13.0#
127 10.5 10.6 16.0#

