

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042823\
 Data File : VV030923.D
 Acq On : 28 Apr 2023 16:09
 Operator : SY/MD
 Sample : 02488-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE71

Quant Time: Apr 29 01:09:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

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

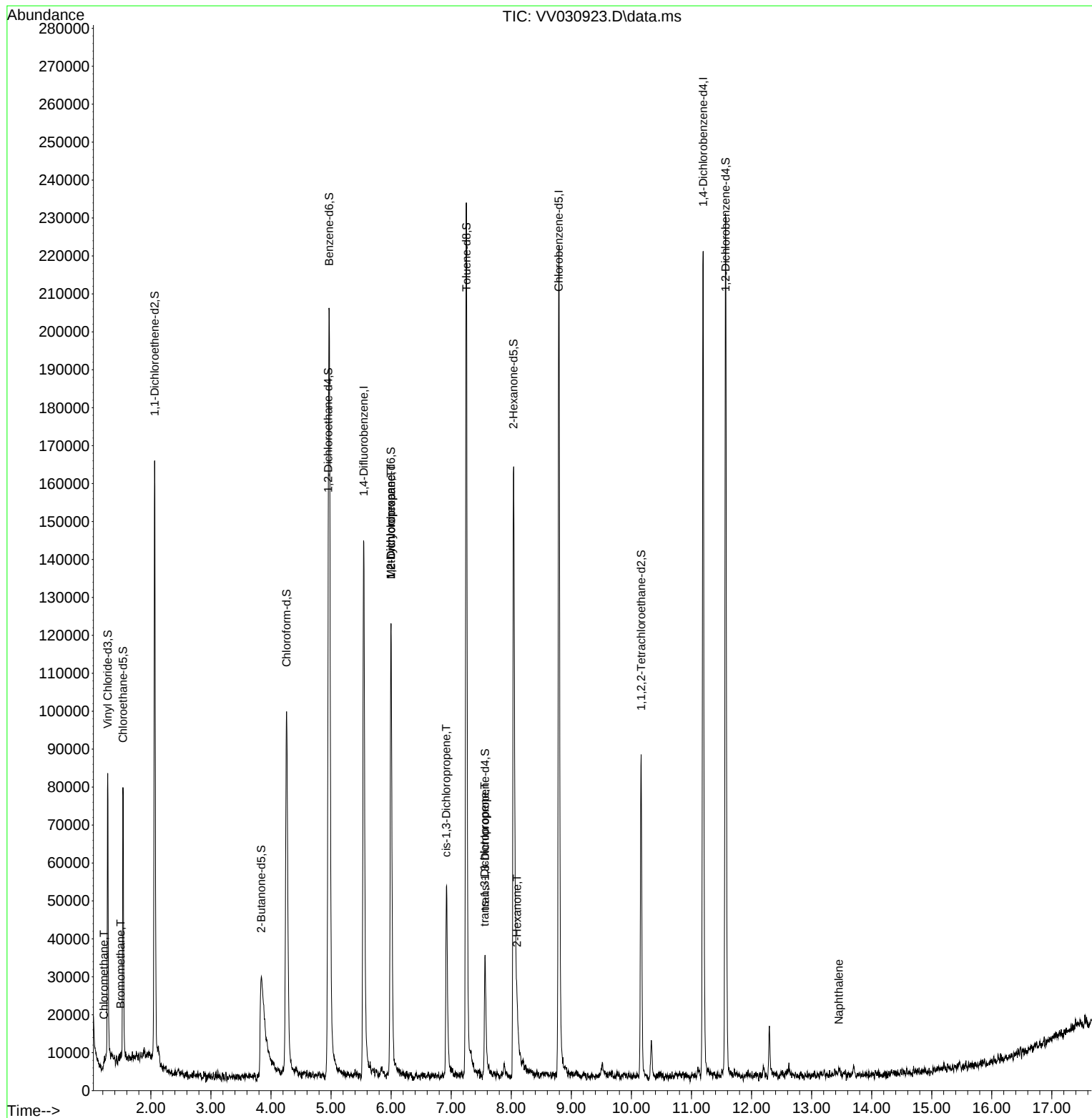
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	121907	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	121689	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	59981	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	50185	4.997	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.000%	
7) Chloroethane-d5	1.535	69	43288	5.283	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.600%	
11) 1,1-Dichloroethene-d2	2.063	65	26466	4.979	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.600%	
20) 2-Butanone-d5	3.838	46	71022	39.876	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	79.760%	
24) Chloroform-d	4.259	84	99700	4.995	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.800%	
26) 1,2-Dichloroethane-d4	4.953	65	52865	5.209	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.200%	
32) Benzene-d6	4.969	84	176428	4.946	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
36) 1,2-Dichloropropane-d6	5.998	67	50793	4.897	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.000%	
41) Toluene-d8	7.252	98	157455	4.635	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
43) trans-1,3-Dichloroprop...	7.564	79	19467	5.007	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.200%	
46) 2-Hexanone-d5	8.037	63	61599	45.221	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.440%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	36402	4.842	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.800%	
66) 1,2-Dichlorobenzene-d4	11.570	152	60200	5.384	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.220	50	1049	0.093	ug/L #	77
6) Bromomethane	1.497	94	387	0.086	ug/L	92
35) Methylcyclohexane	5.998	83	14092	1.114	ug/L #	18
37) 1,2-Dichloropropane	5.998	63	7476	1.030	ug/L #	88
39) cis-1,3-Dichloropropene	6.918	75	2184	0.201	ug/L	99
44) trans-1,3-Dichloropropene	7.558	75	1301	0.140	ug/L #	50
48) 2-Hexanone	8.095	43	7653	2.652	ug/L #	88
71) Naphthalene	13.454	128	1221	0.084	ug/L #	93

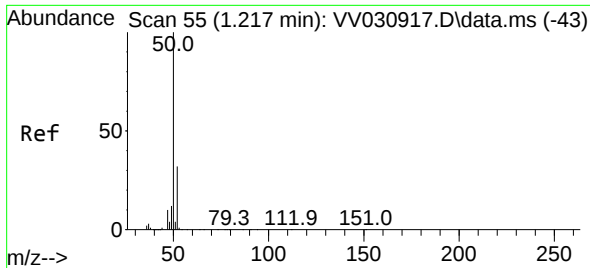
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042823\
Data File : VV030923.D
Acq On : 28 Apr 2023 16:09
Operator : SY/MD
Sample : 02488-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHE71

Quant Time: Apr 29 01:09:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 29 01:06:38 2023
Response via : Initial Calibration

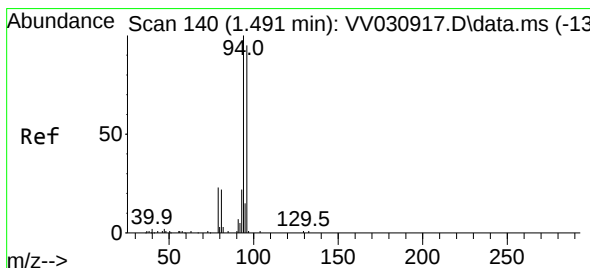
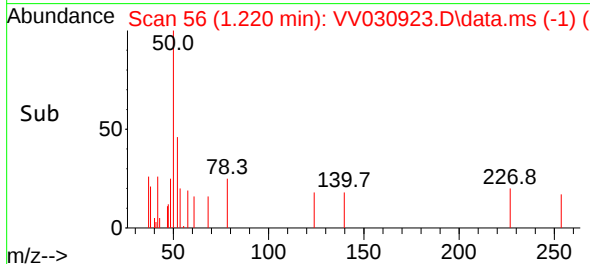
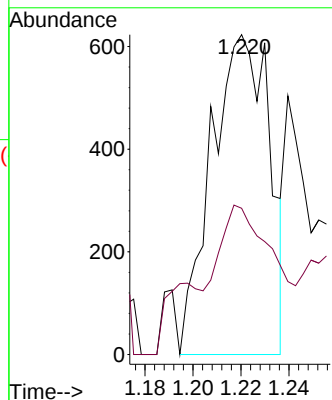
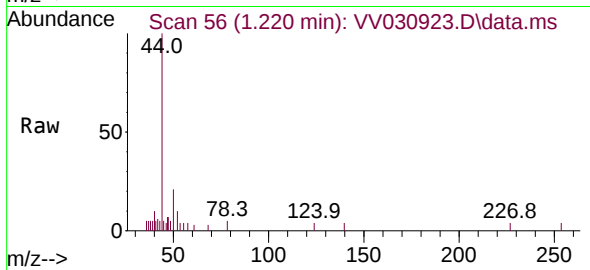




#3
Chloromethane
Concen: 0.093 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030923.D
Acq: 28 Apr 2023 16:09

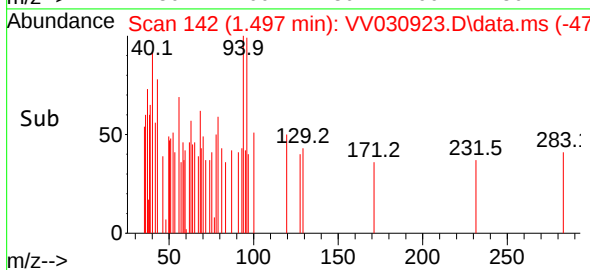
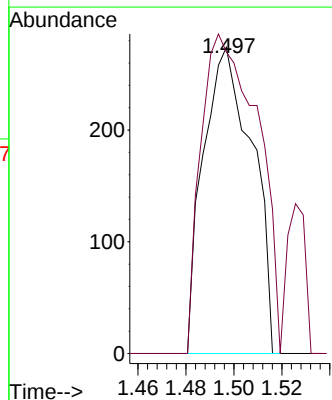
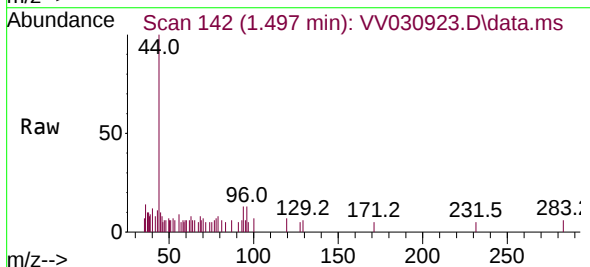
Instrument :
MSVOA_V
ClientSampleId :
BHE71

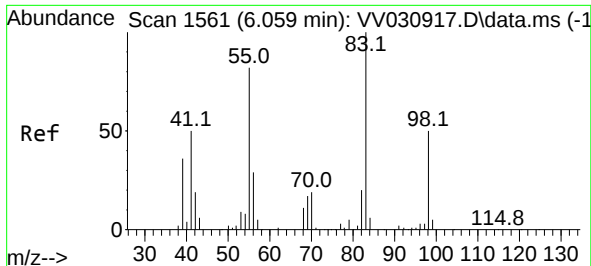
Tgt Ion: 50 Resp: 1049
Ion Ratio Lower Upper
50 100
52 45.7 22.8 42.4#



#6
Bromomethane
Concen: 0.086 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV030923.D
Acq: 28 Apr 2023 16:09

Tgt Ion: 94 Resp: 387
Ion Ratio Lower Upper
94 100
96 98.5 63.4 117.8

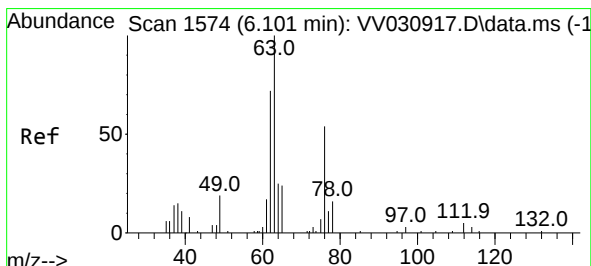
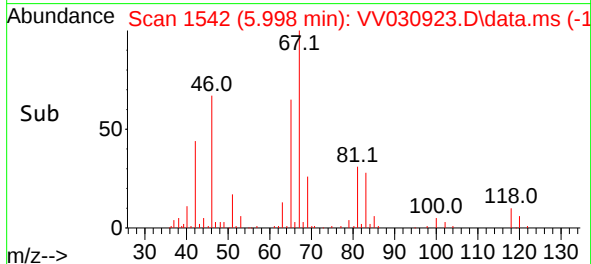
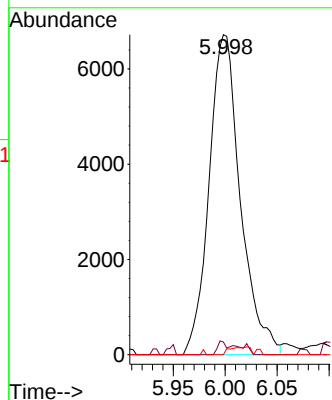
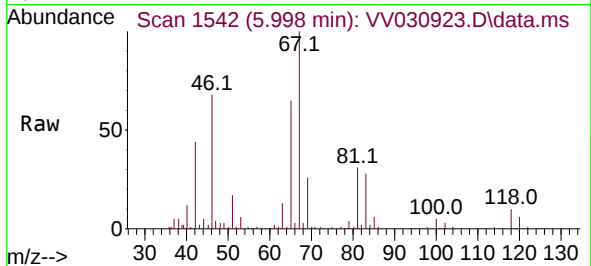




#35
Methylcyclohexane
Concen: 1.114 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030923.D
Acq: 28 Apr 2023 16:09

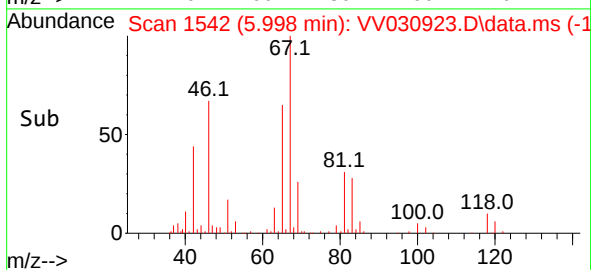
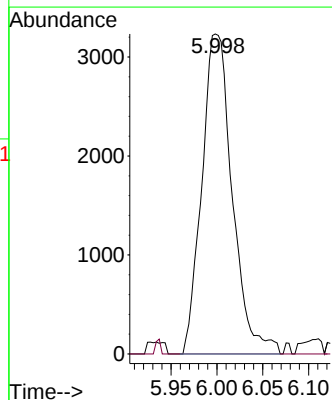
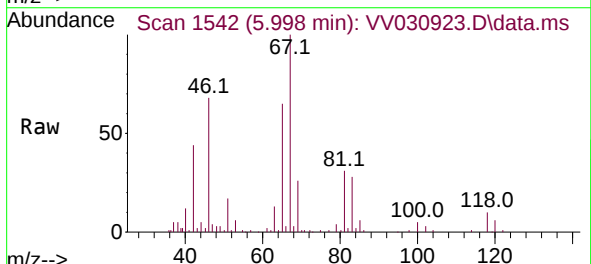
Instrument :
MSVOA_V
ClientSampleId :
BHE71

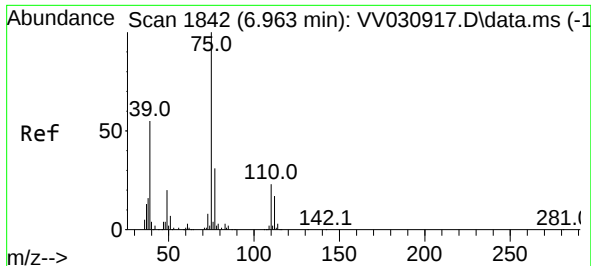
Tgt Ion: 83 Resp: 14092
Ion Ratio Lower Upper
83 100
55 1.3 62.9 94.3#
98 0.1 40.5 60.7#



#37
1,2-Dichloropropane
Concen: 1.030 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030923.D
Acq: 28 Apr 2023 16:09

Tgt Ion: 63 Resp: 7476
Ion Ratio Lower Upper
63 100
112 0.7 3.8 5.8#

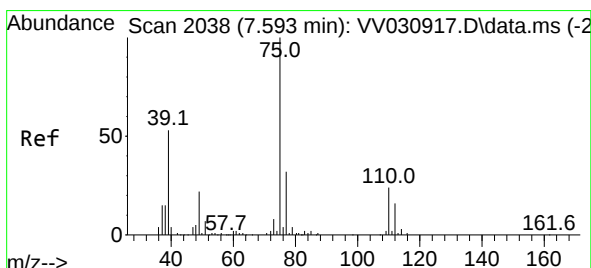
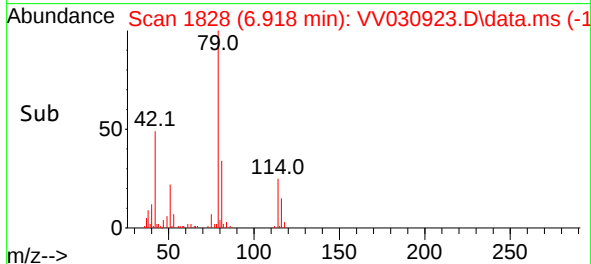
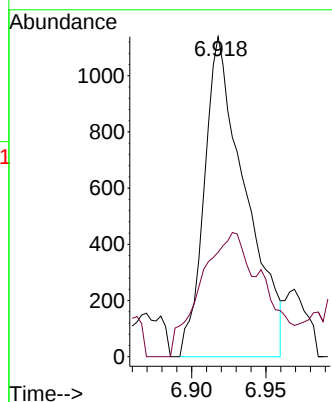
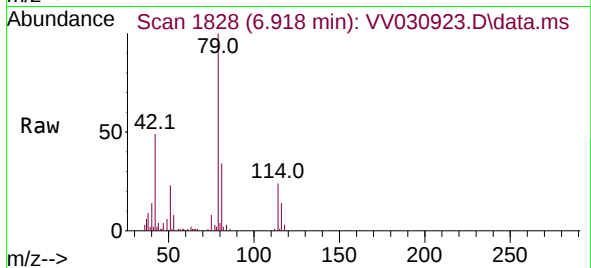




#39
cis-1,3-Dichloropropene
Concen: 0.201 ug/L
RT: 6.918 min Scan# 11
Delta R.T. -0.045 min
Lab File: VV030923.D
Acq: 28 Apr 2023 16:09

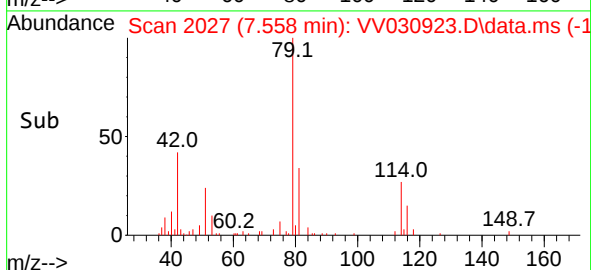
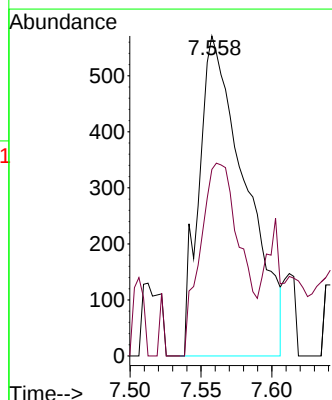
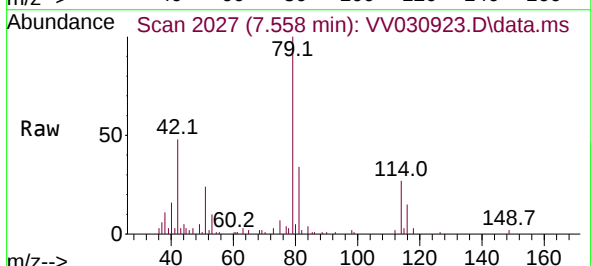
Instrument :
MSVOA_V
ClientSampleId :
BHE71

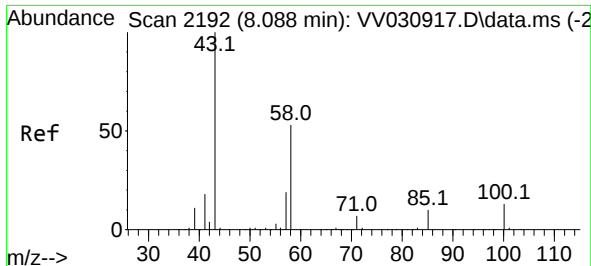
Tgt Ion: 75 Resp: 2184
Ion Ratio Lower Upper
75 100
77 32.7 22.6 42.0



#44
trans-1,3-Dichloropropene
Concen: 0.140 ug/L
RT: 7.558 min Scan# 2027
Delta R.T. -0.036 min
Lab File: VV030923.D
Acq: 28 Apr 2023 16:09

Tgt Ion: 75 Resp: 1301
Ion Ratio Lower Upper
75 100
77 58.3 21.6 40.0#

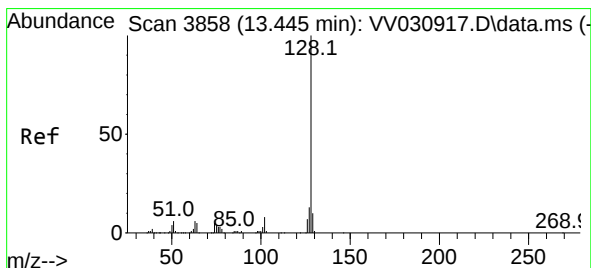
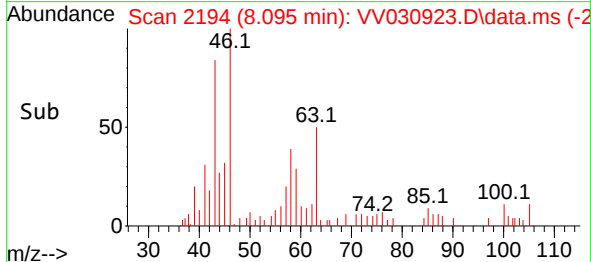
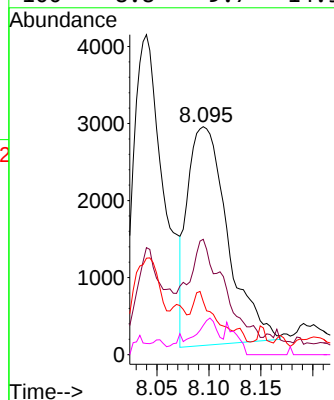
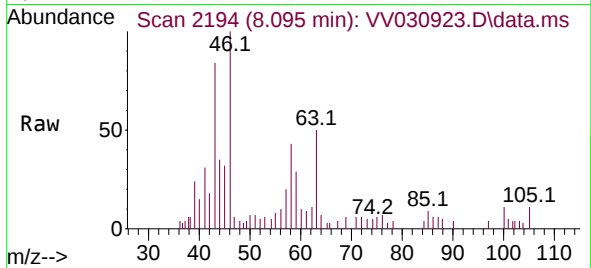




#48
2-Hexanone
Concen: 2.652 ug/L
RT: 8.095 min Scan# 2192
Delta R.T. 0.006 min
Lab File: VV030923.D
Acq: 28 Apr 2023 16:09

Instrument :
MSVOA_V
ClientSampleId :
BHE71

Tgt Ion:	43	Resp:	7653
Ion	Ratio	Lower	Upper
43	100		
58	42.8	39.9	59.9
57	9.5	14.1	21.1#
100	8.8	9.7	14.5#



#71
Naphthalene
Concen: 0.084 ug/L
RT: 13.454 min Scan# 3861
Delta R.T. 0.009 min
Lab File: VV030923.D
Acq: 28 Apr 2023 16:09

Tgt Ion:	128	Resp:	1221
Ion	Ratio	Lower	Upper
128	100		
129	9.8	8.6	13.0
127	17.8	10.6	16.0#

