

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051123\
 Data File : VV031014.D
 Acq On : 11 May 2023 11:45
 Operator : SY/MD
 Sample : 02697-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: May 12 09:47:08 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)

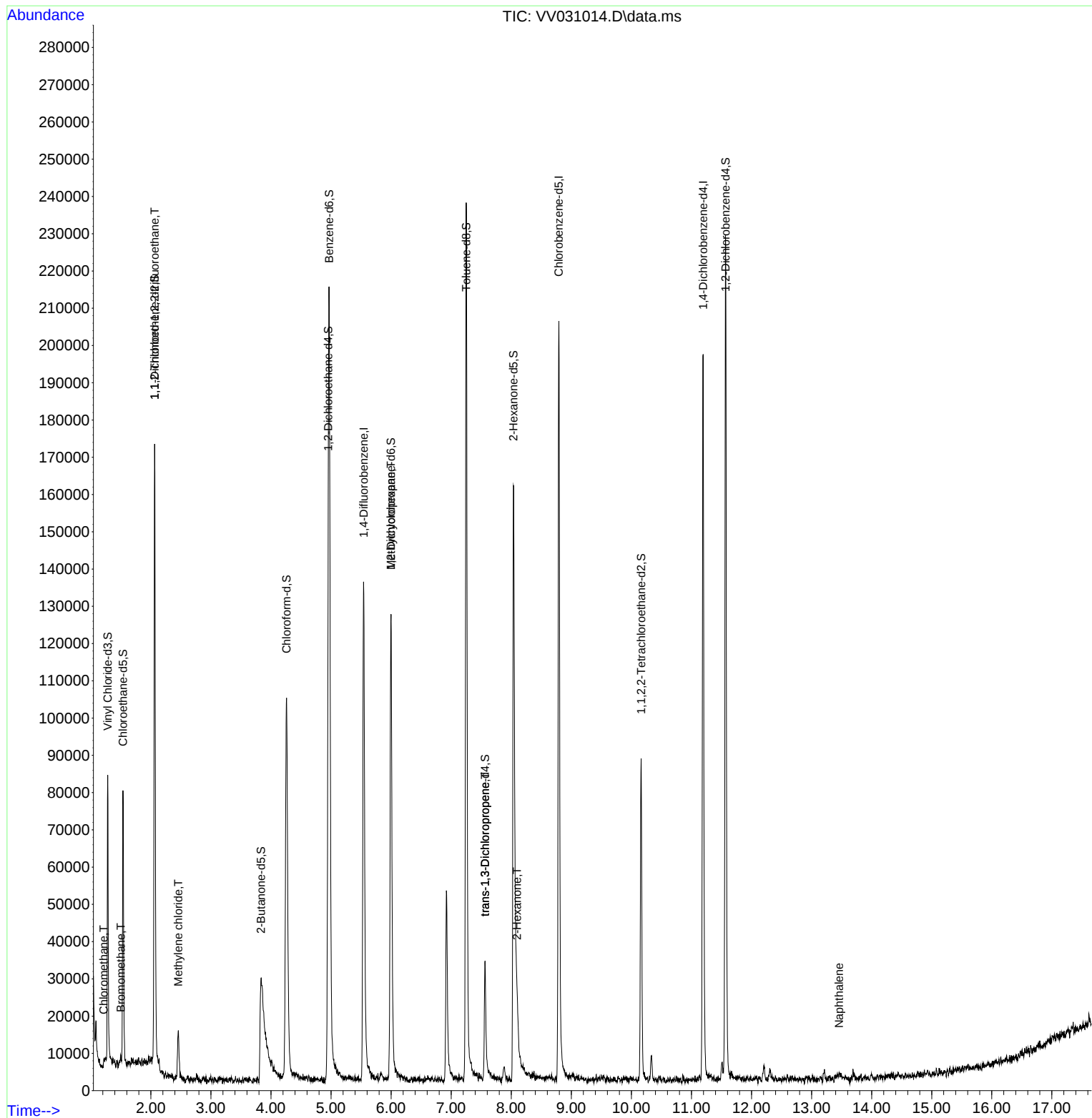
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	119342	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	115216	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	55926	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	49859	5.071	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.400%
7) Chloroethane-d5	1.535	69	46656	5.817	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.400%
11) 1,1-Dichloroethene-d2	2.063	65	27384	5.262	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.200%
20) 2-Butanone-d5	3.834	46	76032	43.606	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.220%
24) Chloroform-d	4.259	84	109356	5.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.000%
26) 1,2-Dichloroethane-d4	4.953	65	55115	5.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.000%
32) Benzene-d6	4.969	84	190774	5.649	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.000%
36) 1,2-Dichloropropane-d6	5.998	67	54602	5.560	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.200%
41) Toluene-d8	7.249	98	161491	5.021	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	7.564	79	18438	5.009	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.037	63	62112	48.159	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.320%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	37397	5.254	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	60341	5.788	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	881	0.080	ug/L	89
6) Bromomethane	1.500	94	403	0.091	ug/L	81
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	1126	0.129	ug/L #	20
16) Methylene chloride	2.458	84	5606	0.617	ug/L	89
35) Methylcyclohexane	5.998	83	15250	1.274	ug/L #	18
44) trans-1,3-Dichloropropene	7.564	75	1243	0.142	ug/L #	63
48) 2-Hexanone	8.095	43	7742	2.834	ug/L #	92
71) Naphthalene	13.458	128	1301	0.096	ug/L #	96

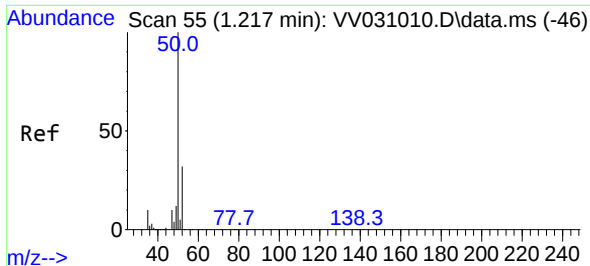
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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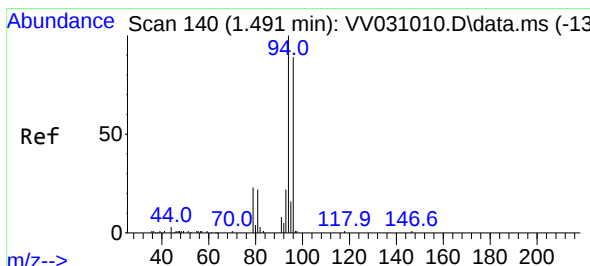
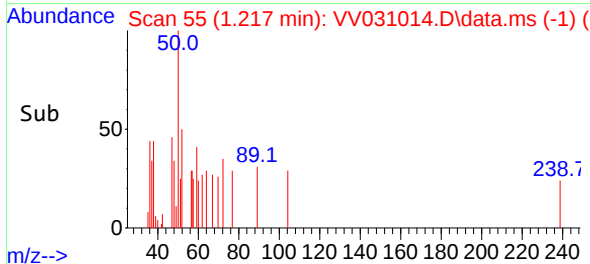
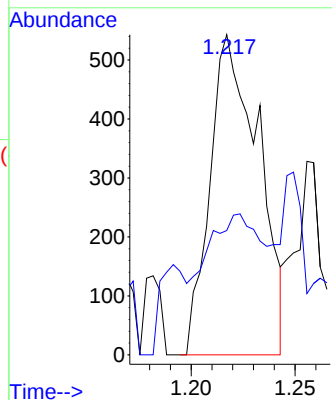
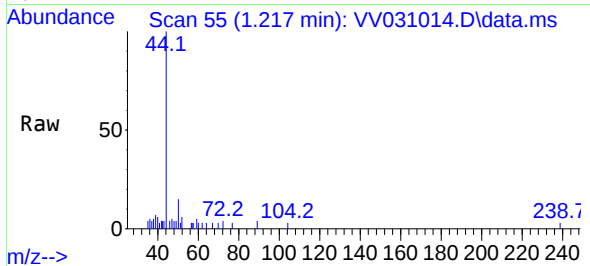




#3
Chloromethane
Concen: 0.080 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031014.D
Acq: 11 May 2023 11:45

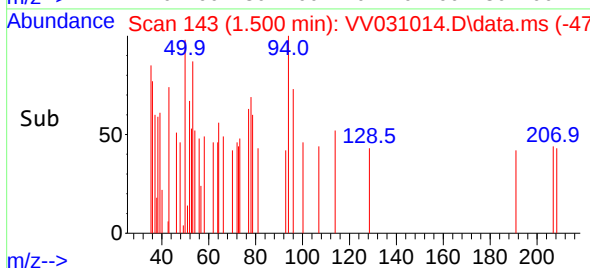
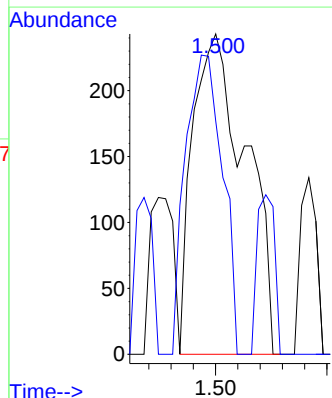
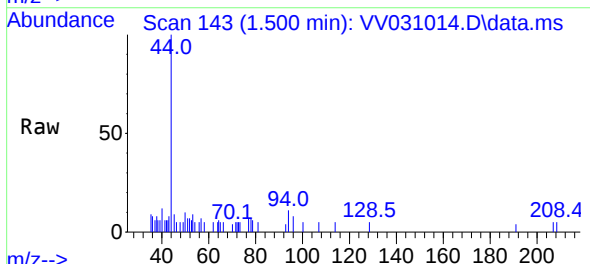
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

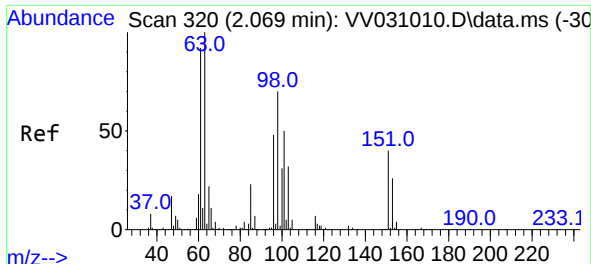
Tgt Ion: 50 Resp: 881
Ion Ratio Lower Upper
50 100
52 38.9 22.8 42.4



#6
Bromomethane
Concen: 0.091 ug/L
RT: 1.500 min Scan# 143
Delta R.T. 0.010 min
Lab File: VV031014.D
Acq: 11 May 2023 11:45

Tgt Ion: 94 Resp: 403
Ion Ratio Lower Upper
94 100
96 72.8 63.4 117.8

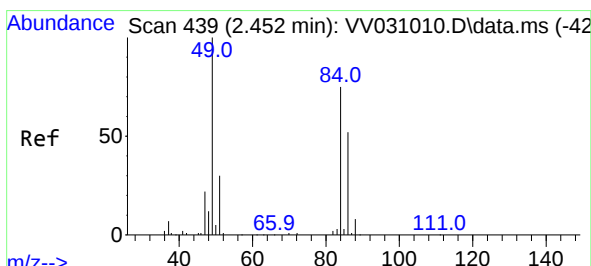
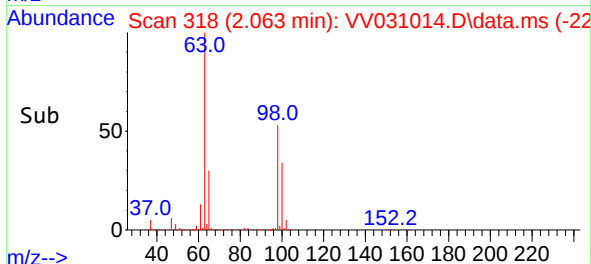
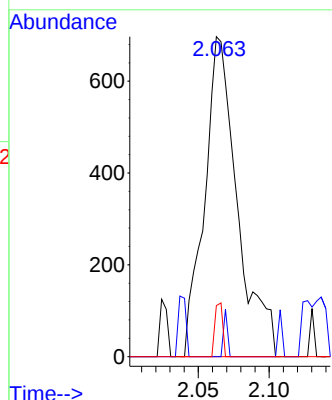
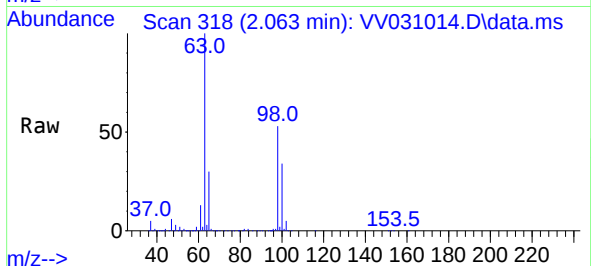




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.129 ug/L
RT: 2.063 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV031014.D
Acq: 11 May 2023 11:45

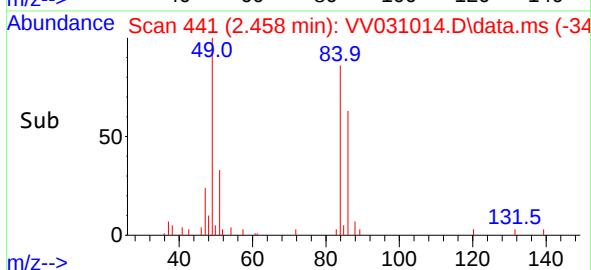
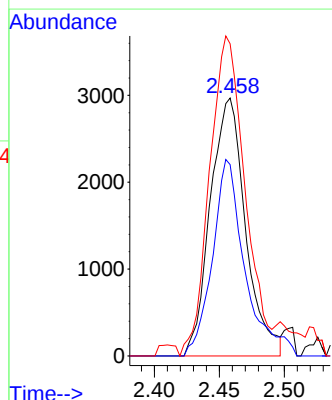
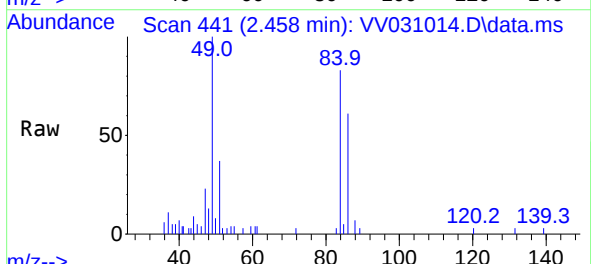
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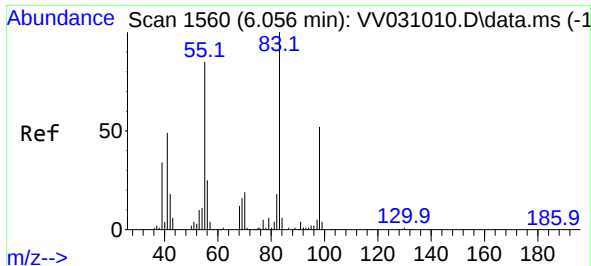
Tgt Ion:101 Resp: 1126
Ion Ratio Lower Upper
101 100
85 1.8 38.7 58.1#
151 3.9 65.1 97.7#



#16
Methylene chloride
Concen: 0.617 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.006 min
Lab File: VV031014.D
Acq: 11 May 2023 11:45

Tgt Ion: 84 Resp: 5606
Ion Ratio Lower Upper
84 100
86 74.1 46.1 85.5
49 121.0 94.3 175.1

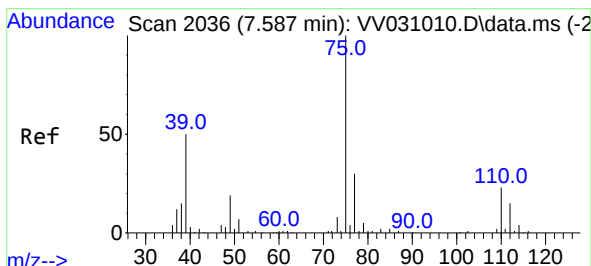
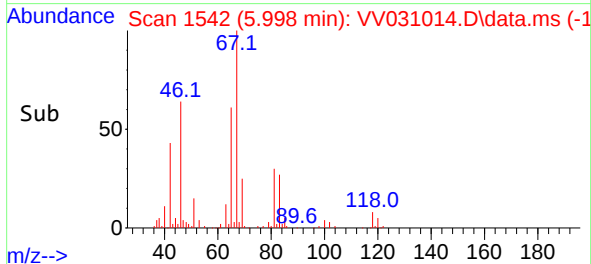
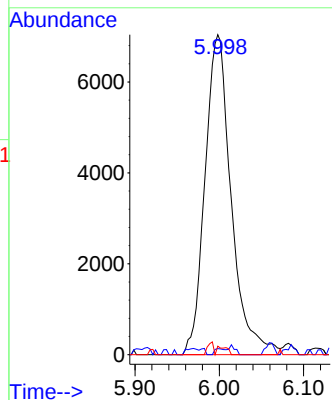
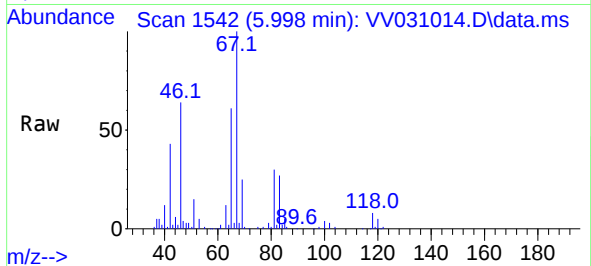




#35
Methylcyclohexane
Concen: 1.274 ug/L
RT: 5.998 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV031014.D
Acq: 11 May 2023 11:45

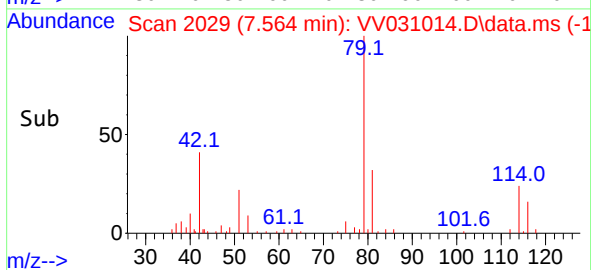
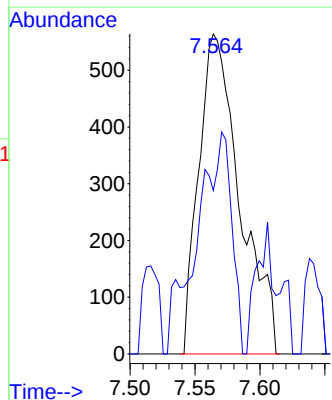
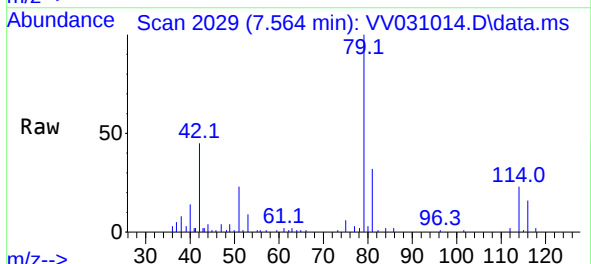
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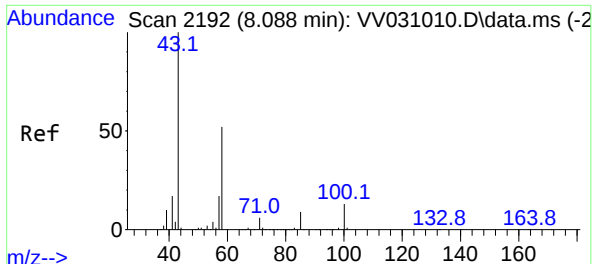
Tgt Ion: 83 Resp: 15250
Ion Ratio Lower Upper
83 100
55 0.8 62.9 94.3#
98 1.0 40.5 60.7#



#44
trans-1,3-Dichloropropene
Concen: 0.142 ug/L
RT: 7.564 min Scan# 2029
Delta R.T. -0.026 min
Lab File: VV031014.D
Acq: 11 May 2023 11:45

Tgt Ion: 75 Resp: 1243
Ion Ratio Lower Upper
75 100
77 51.1 21.6 40.0#



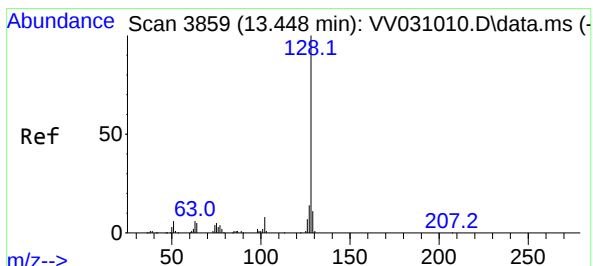
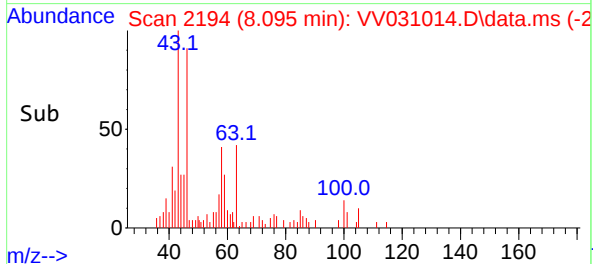
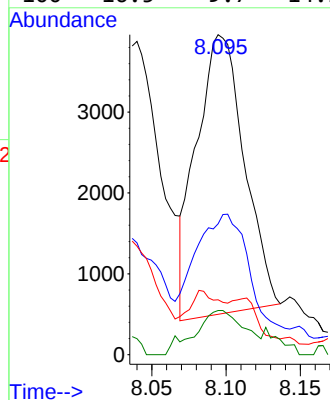
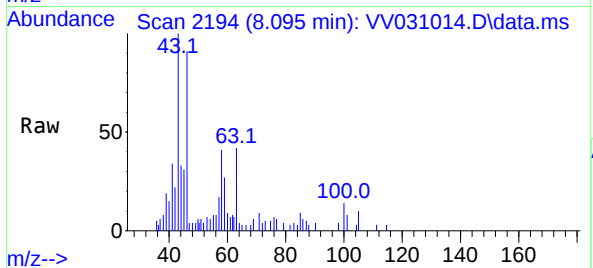


#48
2-Hexanone
Concen: 2.834 ug/L
RT: 8.095 min Scan# 2192
Delta R.T. 0.010 min
Lab File: VV031014.D
Acq: 11 May 2023 11:45

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

Tgt Ion: 43 Resp: 7742

Ion	Ratio	Lower	Upper
43	100		
58	50.0	39.9	59.9
57	5.7	14.1	21.1#
100	16.5	9.7	14.5#



#71
Naphthalene
Concen: 0.096 ug/L
RT: 13.458 min Scan# 3862
Delta R.T. 0.010 min
Lab File: VV031014.D
Acq: 11 May 2023 11:45

Tgt Ion: 128 Resp: 1301

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	13.0
127	10.5	10.6	16.0#

