

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051823\
 Data File : VV031086.D
 Acq On : 18 May 2023 10:31
 Operator : SY/MD
 Sample : VV0518WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK340

Quant Time: May 19 05:35:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 05:32:32 2023
 Response via : Initial Calibration

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

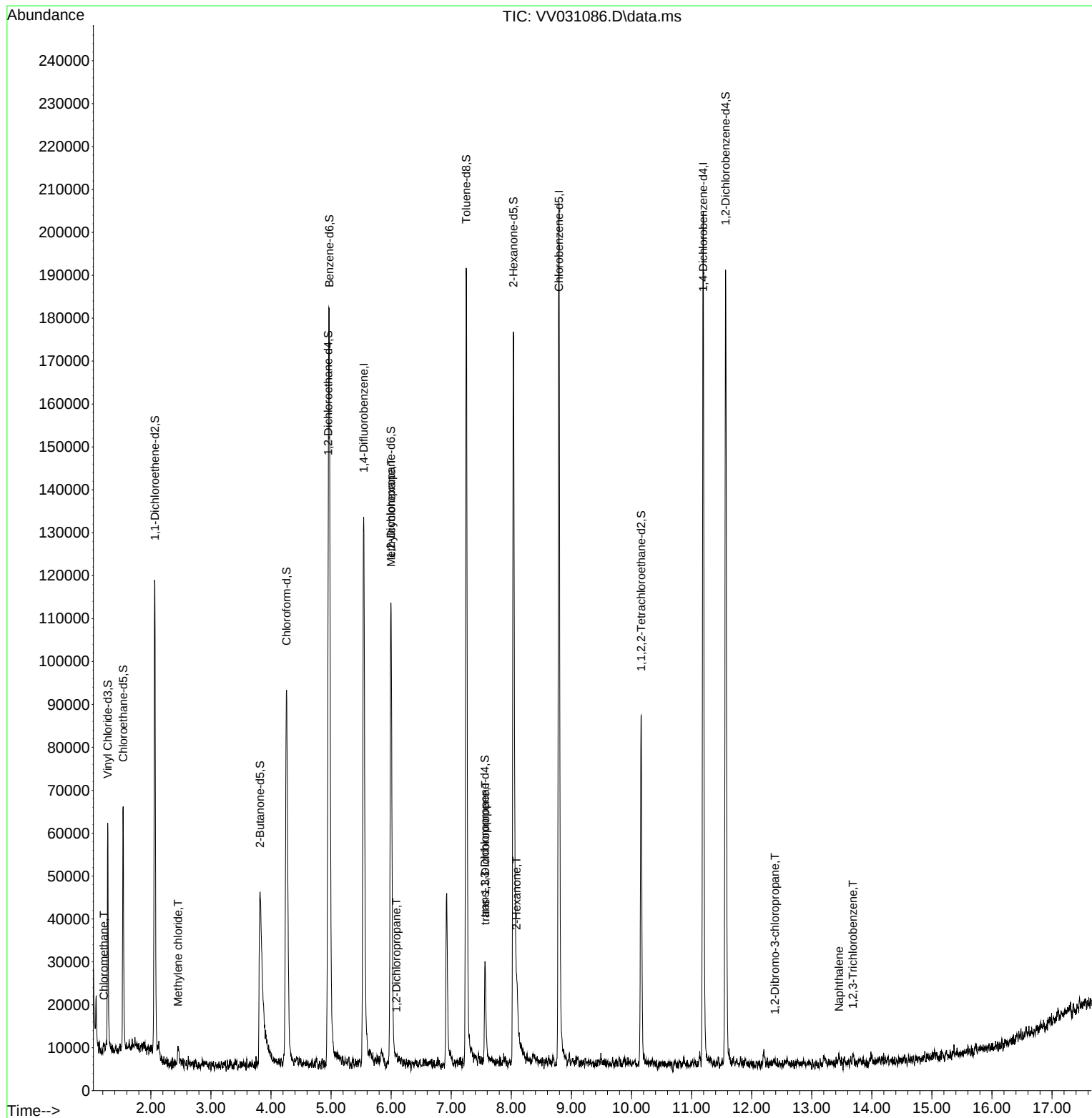
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	111531	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	111346	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	54695	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	32949	3.586	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.800%	
7) Chloroethane-d5	1.539	69	34617	4.618	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.400%	
11) 1,1-Dichloroethene-d2	2.066	65	18301	3.763	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.200%	
20) 2-Butanone-d5	3.818	46	91898	56.397	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.800%	
24) Chloroform-d	4.259	84	90997	4.983	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.600%	
26) 1,2-Dichloroethane-d4	4.953	65	49290	5.309	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.200%	
32) Benzene-d6	4.969	84	149006	4.565	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
36) 1,2-Dichloropropane-d6	5.995	67	46275	4.876	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.600%	
41) Toluene-d8	7.249	98	124893	4.018	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.400%	
43) trans-1,3-Dichloroprop...	7.561	79	14353	4.035	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.600%	
46) 2-Hexanone-d5	8.034	63	62038	49.773	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.540%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	34905	5.074	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.400%	
66) 1,2-Dichlorobenzene-d4	11.567	152	51691	5.070	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.400%	
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1897	0.183	ug/L #	72
16) Methylene chloride	2.455	84	2294	0.270	ug/L	94
35) Methylcyclohexane	5.998	83	12817	1.108	ug/L #	19
37) 1,2-Dichloropropane	6.088	63	409	0.062	ug/L #	85
44) trans-1,3-Dichloropropene	7.567	75	1064	0.126	ug/L #	70
48) 2-Hexanone	8.088	43	7223	2.736	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	12.387	75	176	0.202	ug/L #	5
71) Naphthalene	13.455	128	1534	0.116	ug/L #	88
72) 1,2,3-Trichlorobenzene	13.683	180	599	0.077	ug/L #	18

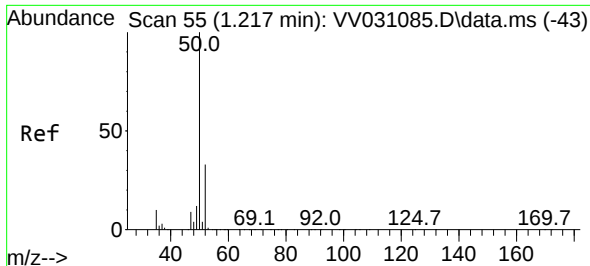
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 19 05:32:32 2023
Response via : Initial Calibration

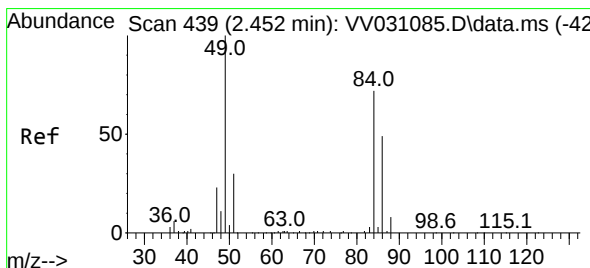
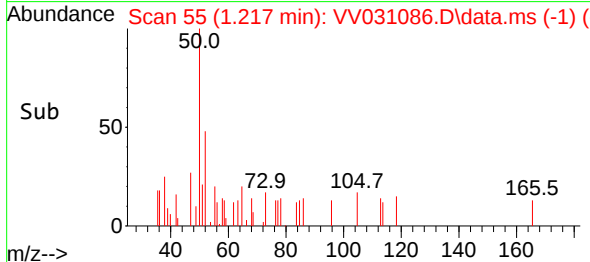
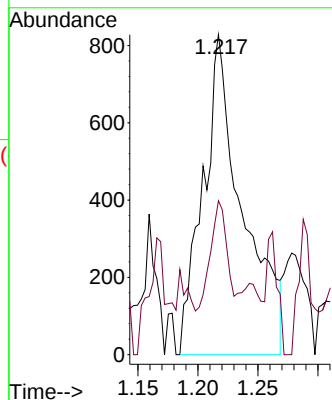
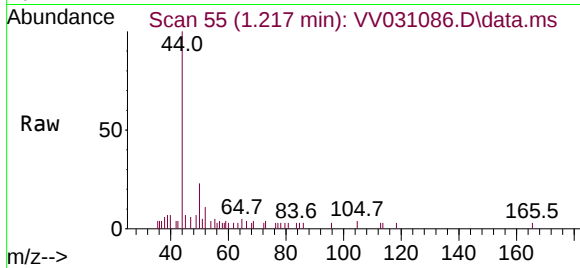




#3
Chloromethane
Concen: 0.183 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV031086.D
Acq: 18 May 2023 10:31

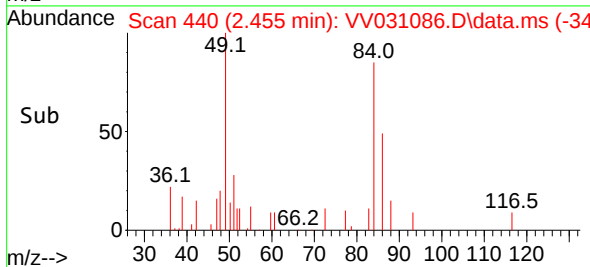
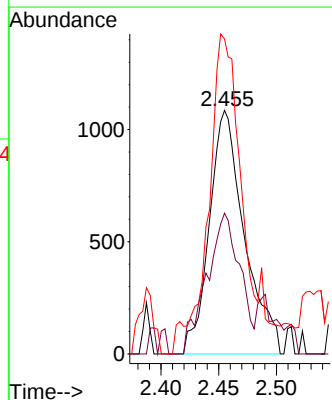
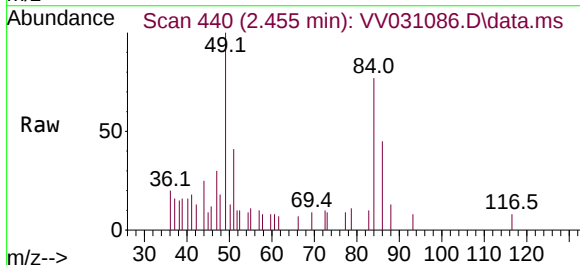
Instrument :
MSVOA_V
ClientSampleId :
VBLK340

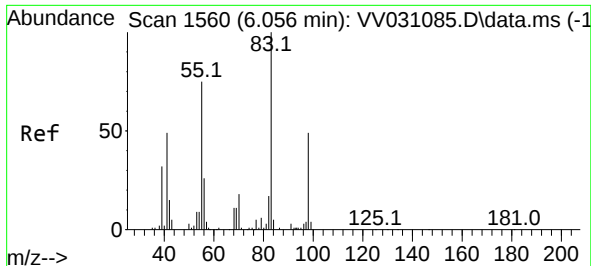
Tgt Ion: 50 Resp: 1897
Ion Ratio Lower Upper
50 100
52 48.1 22.8 42.4#



#16
Methylene chloride
Concen: 0.270 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV031086.D
Acq: 18 May 2023 10:31

Tgt Ion: 84 Resp: 2294
Ion Ratio Lower Upper
84 100
86 57.8 46.1 85.5
49 129.4 94.3 175.1

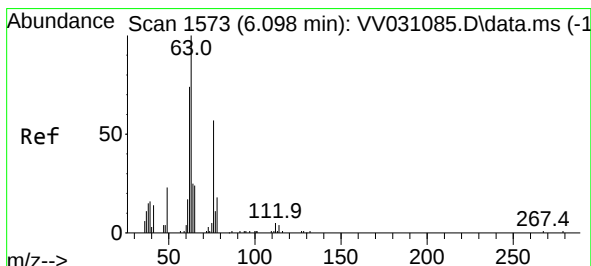
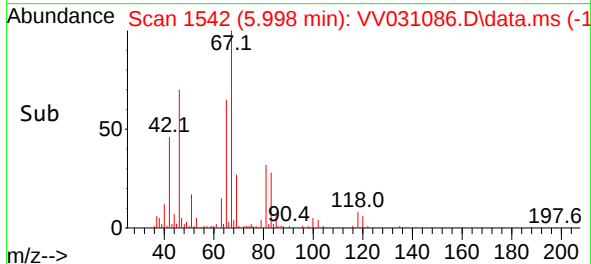
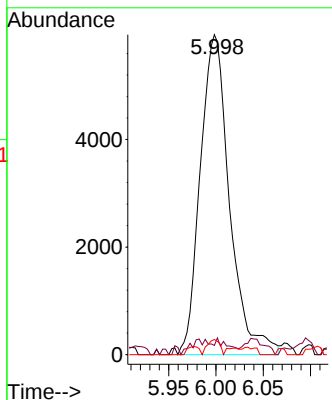
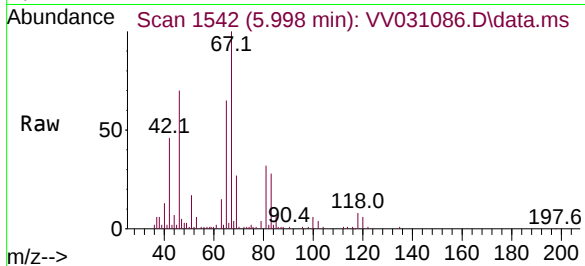




#35
Methylcyclohexane
Concen: 1.108 ug/L
RT: 5.998 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV031086.D
Acq: 18 May 2023 10:31

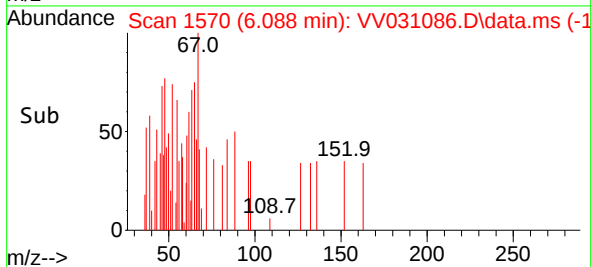
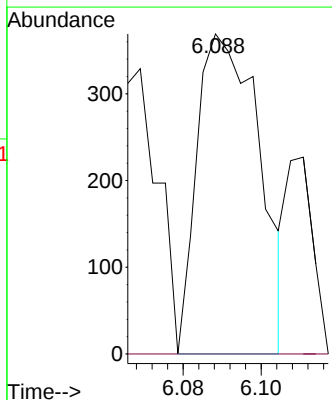
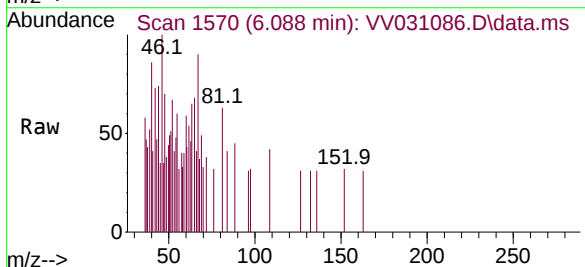
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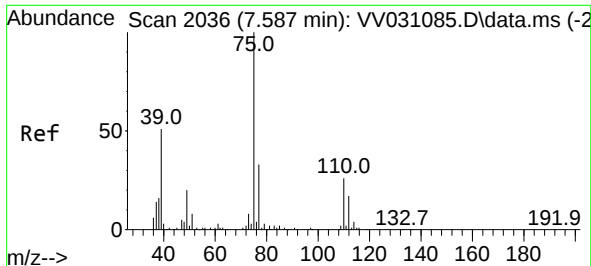
Tgt Ion: 83 Resp: 12817
Ion Ratio Lower Upper
83 100
55 2.1 62.9 94.3#
98 2.0 40.5 60.7#



#37
1,2-Dichloropropane
Concen: 0.062 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. -0.010 min
Lab File: VV031086.D
Acq: 18 May 2023 10:31

Tgt Ion: 63 Resp: 409
Ion Ratio Lower Upper
63 100
112 9.8 3.8 5.8#

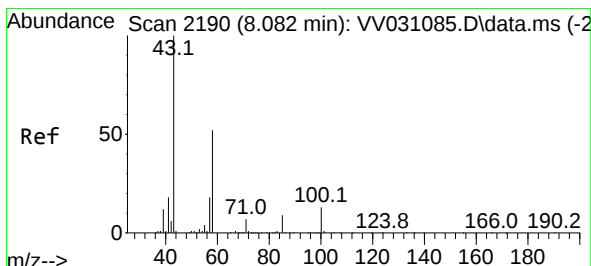
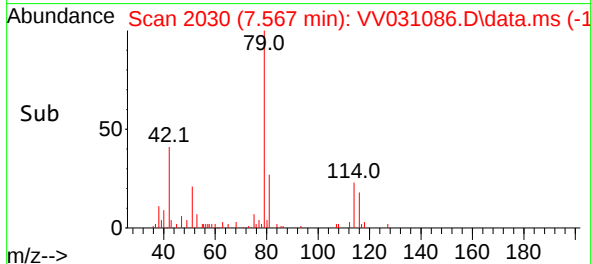
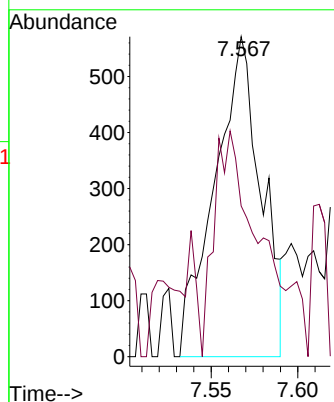
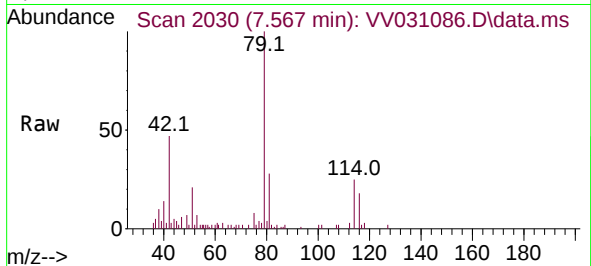




#44
trans-1,3-Dichloropropene
Concen: 0.126 ug/L
RT: 7.567 min Scan# 2036
Delta R.T. -0.019 min
Lab File: VV031086.D
Acq: 18 May 2023 10:31

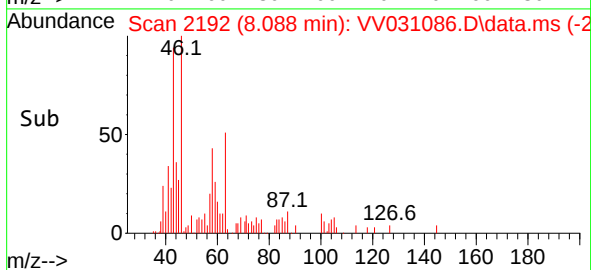
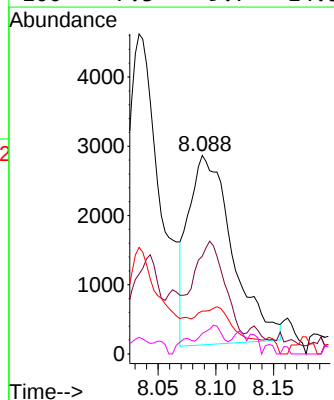
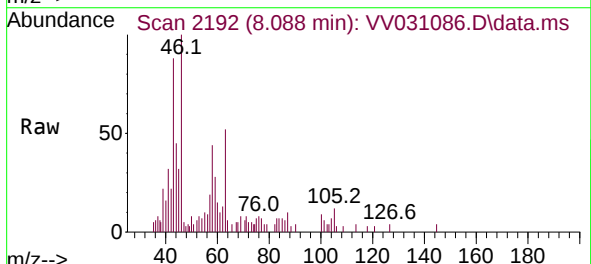
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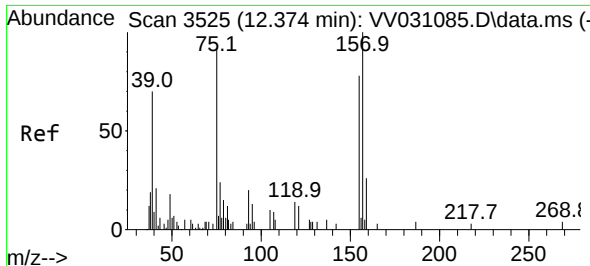
Tgt Ion: 75 Resp: 1064
Ion Ratio Lower Upper
75 100
77 47.1 21.6 40.0#



#48
2-Hexanone
Concen: 2.736 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.006 min
Lab File: VV031086.D
Acq: 18 May 2023 10:31

Tgt Ion: 43 Resp: 7223
Ion Ratio Lower Upper
43 100
58 42.0 39.9 59.9
57 14.0 14.1 21.1#
100 7.3 9.7 14.5#

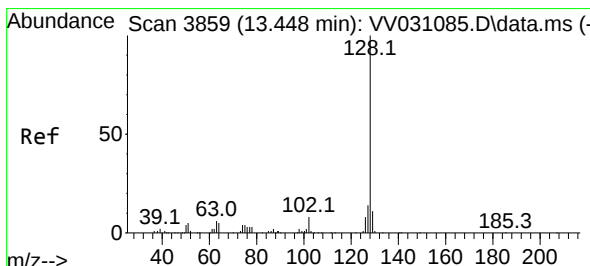
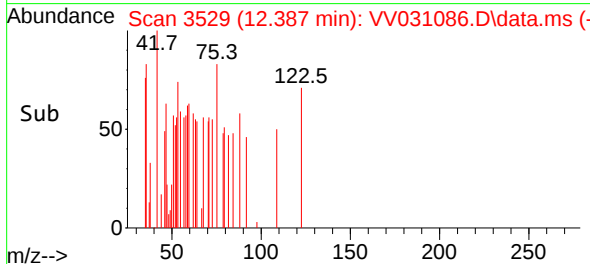
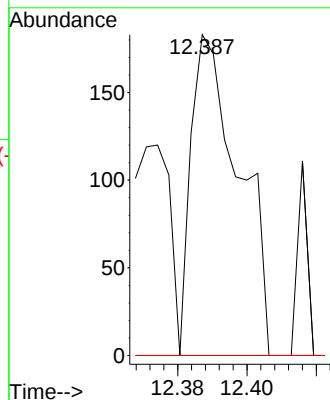
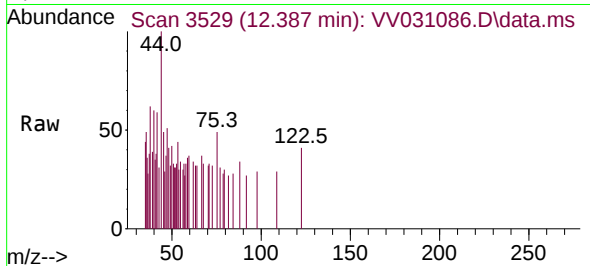




#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.202 ug/L
 RT: 12.387 min Scan# 3529
 Delta R.T. 0.013 min
 Lab File: VV031086.D
 Acq: 18 May 2023 10:31

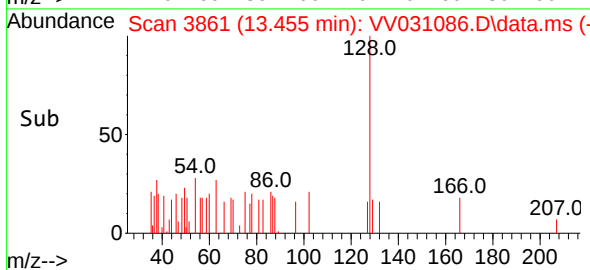
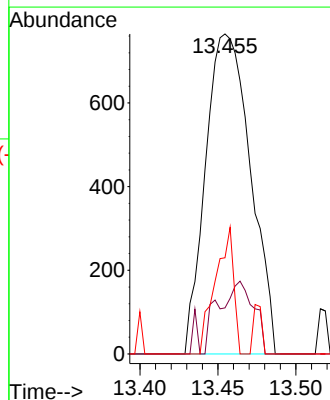
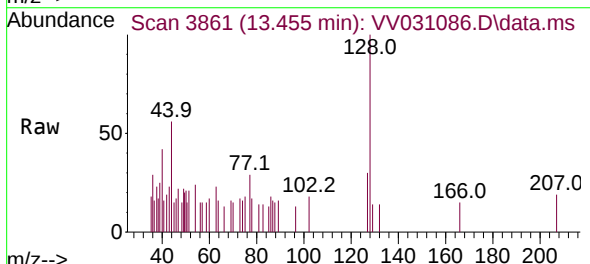
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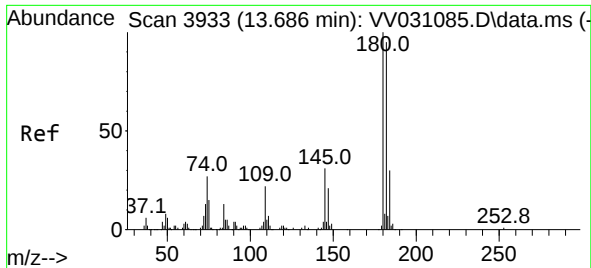
Tgt Ion: 75 Resp: 176
 Ion Ratio Lower Upper
 75 100
 155 0.0 56.2 84.4#
 157 0.0 83.1 124.7#



#71
 Naphthalene
 Concen: 0.116 ug/L
 RT: 13.455 min Scan# 3861
 Delta R.T. 0.006 min
 Lab File: VV031086.D
 Acq: 18 May 2023 10:31

Tgt Ion: 128 Resp: 1534
 Ion Ratio Lower Upper
 128 100
 129 4.4 8.6 13.0#
 127 16.2 10.6 16.0#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.077 ug/L
 RT: 13.683 min Scan# 3933
 Delta R.T. -0.003 min
 Lab File: VV031086.D
 Acq: 18 May 2023 10:31

Instrument :
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Tgt Ion:180 Resp: 599
 Ion Ratio Lower Upper
 180 100
 182 0.0 77.3 115.9#
 145 13.2 24.7 37.1#

