

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051823\
 Data File : VV031092.D
 Acq On : 18 May 2023 15:32
 Operator : SY/MD
 Sample : 02822-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: May 19 05:36:40 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)

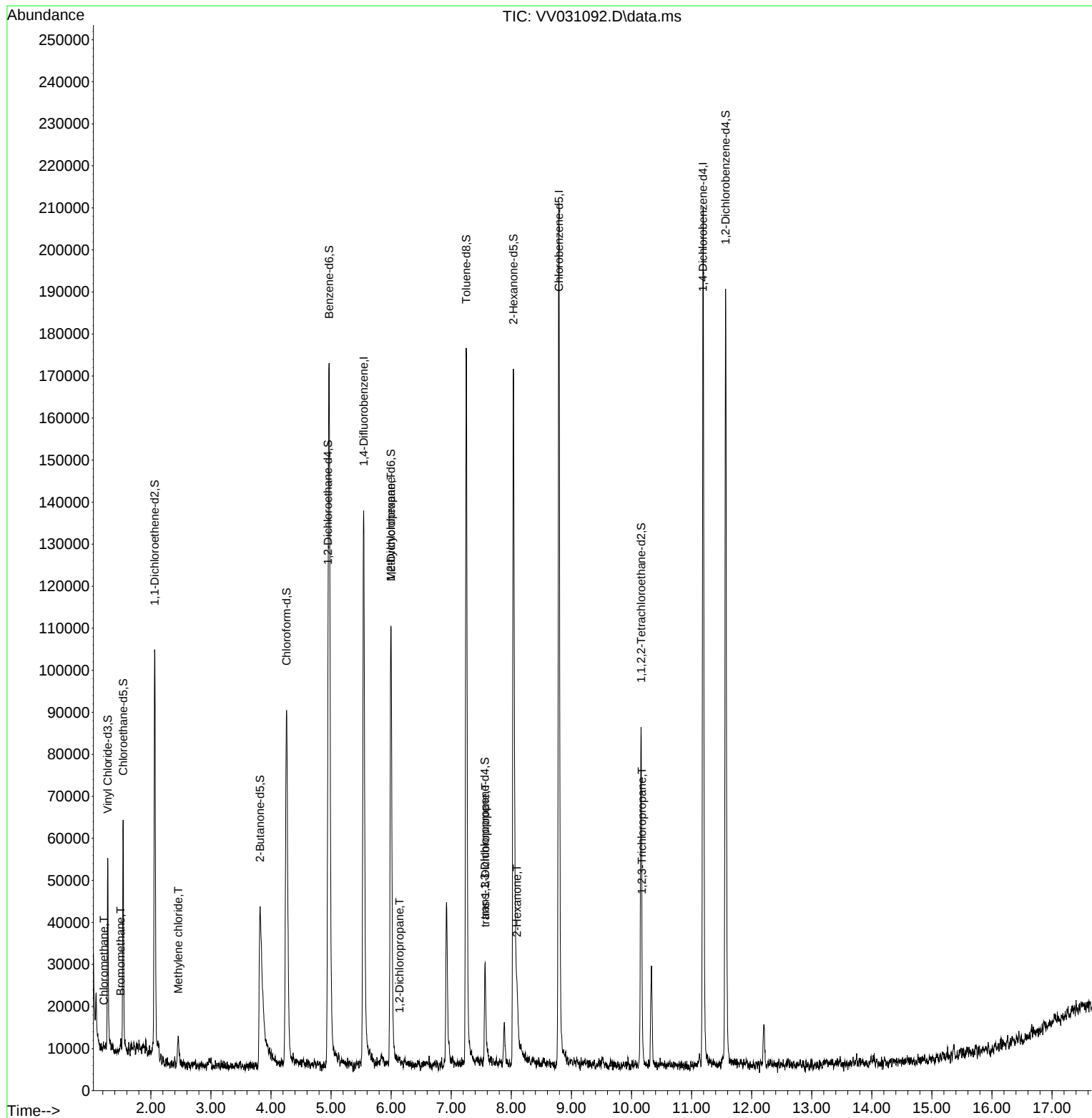
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	115004	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	112240	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	56113	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	29516	3.115	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.400%	
7) Chloroethane-d5	1.539	69	32392	4.191	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.800%	
11) 1,1-Dichloroethene-d2	2.063	65	16732	3.337	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.800%	
20) 2-Butanone-d5	3.818	46	87360	51.993	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.980%	
24) Chloroform-d	4.259	84	88936	4.723	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
26) 1,2-Dichloroethane-d4	4.950	65	47402	4.952	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.000%	
32) Benzene-d6	4.966	84	142388	4.328	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.600%	
36) 1,2-Dichloropropane-d6	5.995	67	45928	4.801	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.000%	
41) Toluene-d8	7.249	98	116841	3.729	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.600%	
43) trans-1,3-Dichloroprop...	7.561	79	14939	4.166	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.400%	
46) 2-Hexanone-d5	8.034	63	59908	47.682	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.360%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	35239	5.082	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.600%	
66) 1,2-Dichlorobenzene-d4	11.567	152	48861	4.671	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.220	50	1083	0.102	ug/L #	66
6) Bromomethane	1.497	94	366	0.086	ug/L	73
16) Methylene chloride	2.458	84	2949	0.337	ug/L	92
35) Methylcyclohexane	5.995	83	11534	0.989	ug/L #	19
37) 1,2-Dichloropropane	6.137	63	480	0.072	ug/L #	89
44) trans-1,3-Dichloropropene	7.567	75	1084	0.127	ug/L	86
48) 2-Hexanone	8.095	43	7561	2.841	ug/L	95
61) 1,2,3-Trichloropropane	10.175	75	435	0.123	ug/L #	45

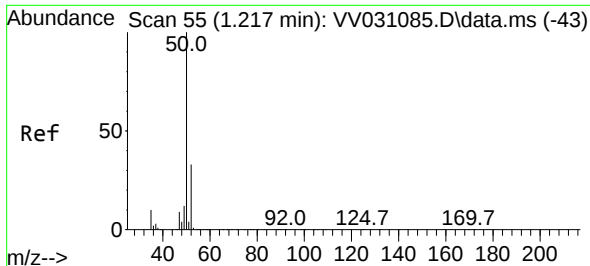
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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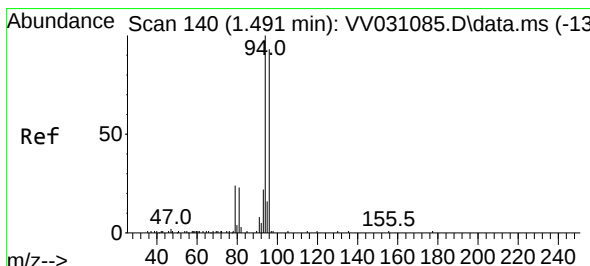
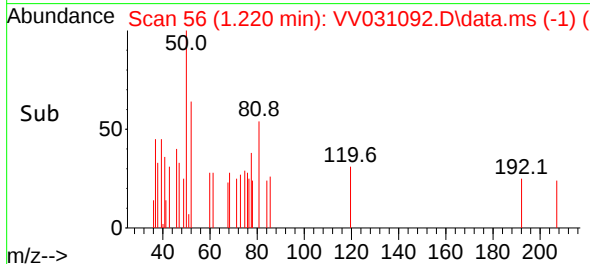
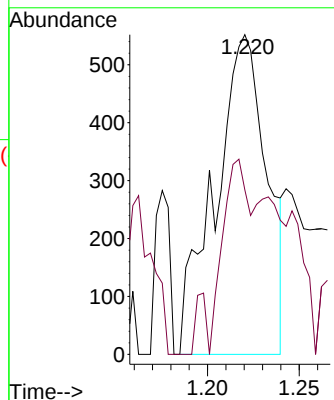
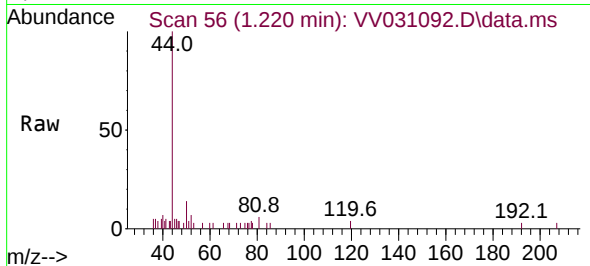




#3
Chloromethane
Concen: 0.102 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV031092.D
Acq: 18 May 2023 15:32

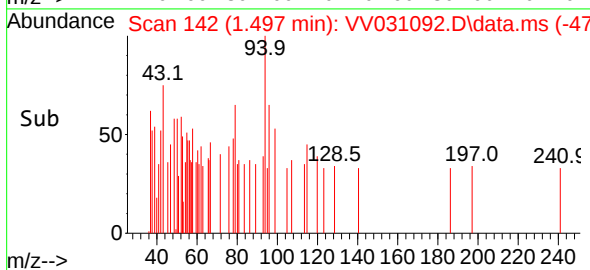
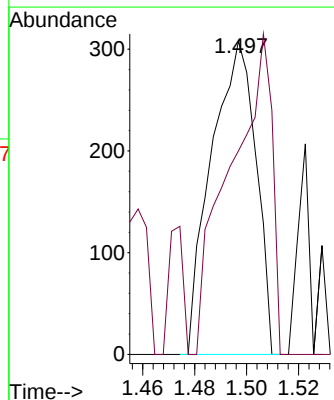
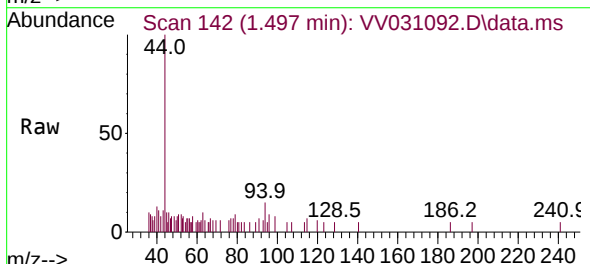
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

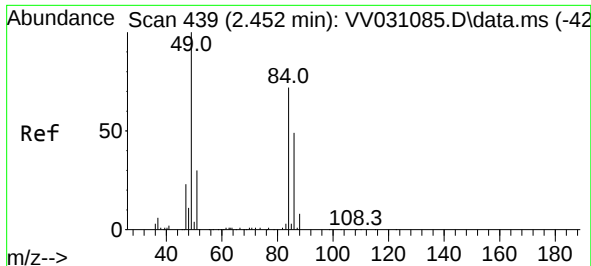
Tgt Ion: 50 Resp: 1083
Ion Ratio Lower Upper
50 100
52 51.4 22.8 42.4#



#6
Bromomethane
Concen: 0.086 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV031092.D
Acq: 18 May 2023 15:32

Tgt Ion: 94 Resp: 366
Ion Ratio Lower Upper
94 100
96 64.9 63.4 117.8

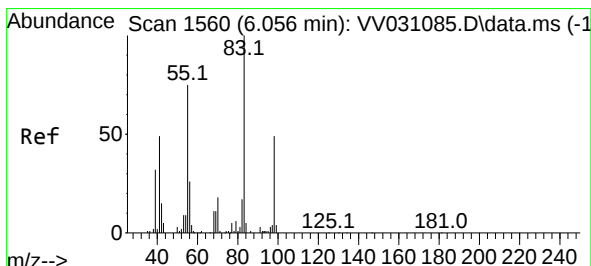
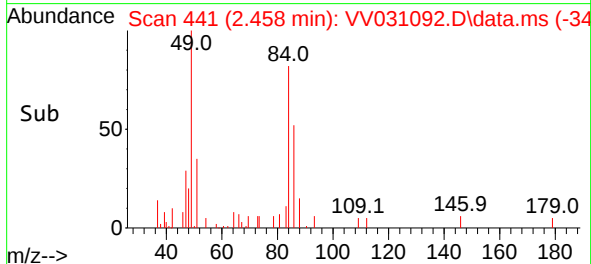
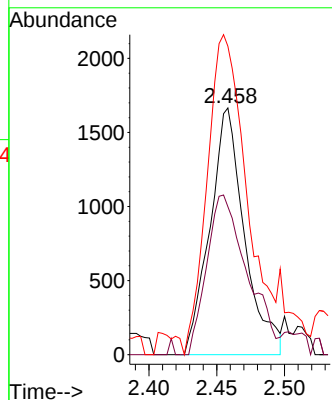
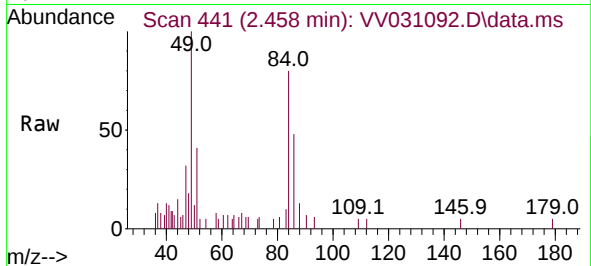




#16
Methylene chloride
Concen: 0.337 ug/L
RT: 2.458 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV031092.D
Acq: 18 May 2023 15:32

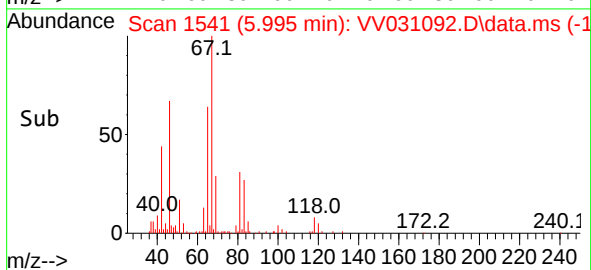
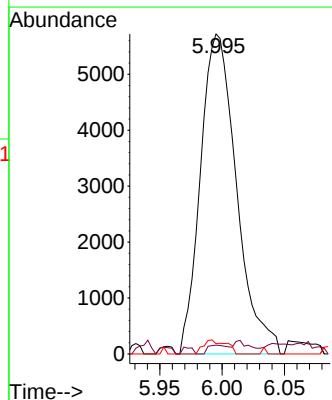
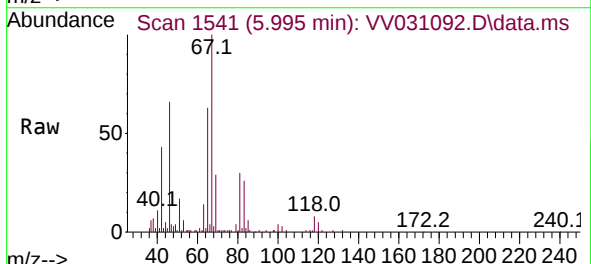
Instrument :
MSVOA_V
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VHBLK001

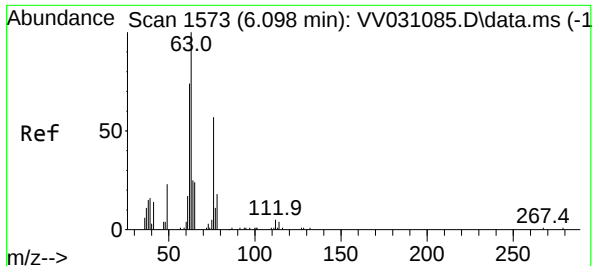
Tgt Ion: 84 Resp: 2949
Ion Ratio Lower Upper
84 100
86 60.0 46.1 85.5
49 125.0 94.3 175.1



#35
Methylcyclohexane
Concen: 0.989 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.061 min
Lab File: VV031092.D
Acq: 18 May 2023 15:32

Tgt Ion: 83 Resp: 11534
Ion Ratio Lower Upper
83 100
55 1.4 62.9 94.3#
98 2.8 40.5 60.7#





#37

1,2-Dichloropropane

Concen: 0.072 ug/L

RT: 6.137 min Scan# 11

Delta R.T. 0.038 min

Lab File: VV031092.D

Acq: 18 May 2023 15:32

Instrument :

MSVOA_V

ClientSampleId :

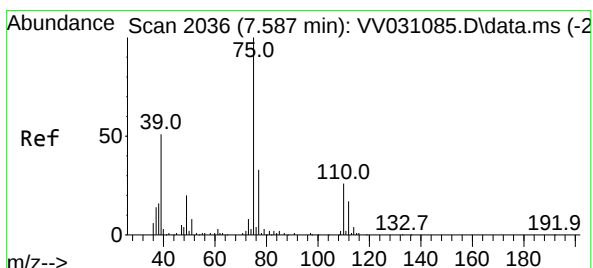
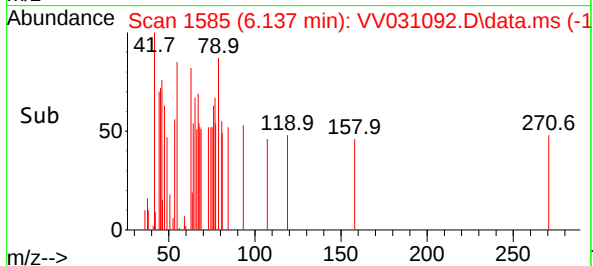
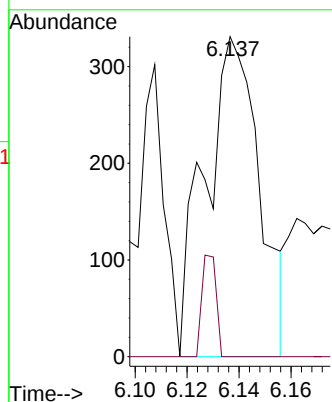
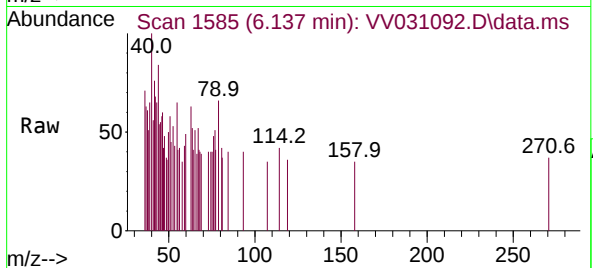
VHBLK001

Tgt Ion: 63 Resp: 480

Ion Ratio Lower Upper

63 100

112 8.3 3.8 5.8#



#44

trans-1,3-Dichloropropene

Concen: 0.127 ug/L

RT: 7.567 min Scan# 2030

Delta R.T. -0.019 min

Lab File: VV031092.D

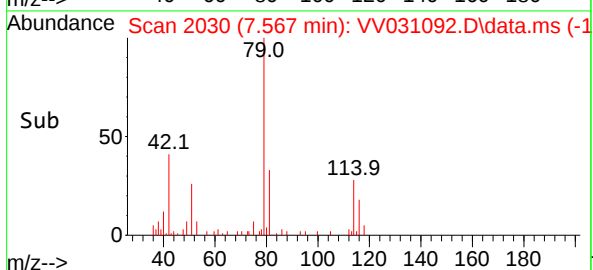
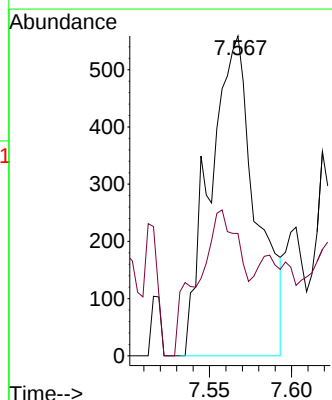
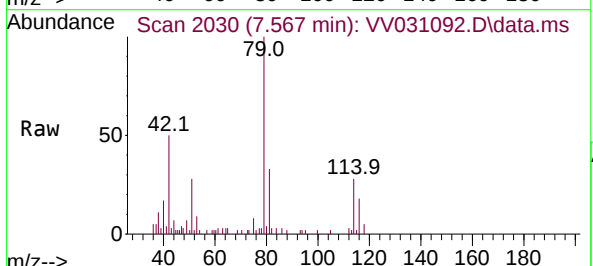
Acq: 18 May 2023 15:32

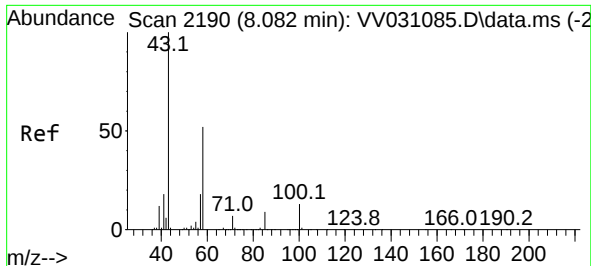
Tgt Ion: 75 Resp: 1084

Ion Ratio Lower Upper

75 100

77 38.3 21.6 40.0





#48

2-Hexanone

Concen: 2.841 ug/L

RT: 8.095 min Scan# 2190

Delta R.T. 0.013 min

Lab File: VV031092.D

Acq: 18 May 2023 15:32

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

Tgt Ion: 43 Resp: 7561

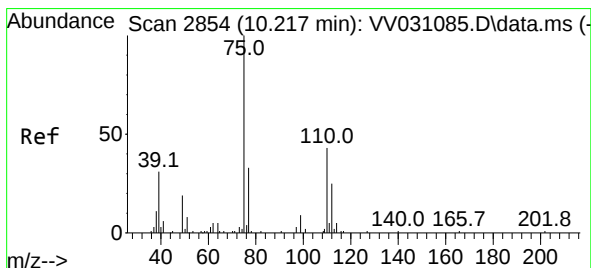
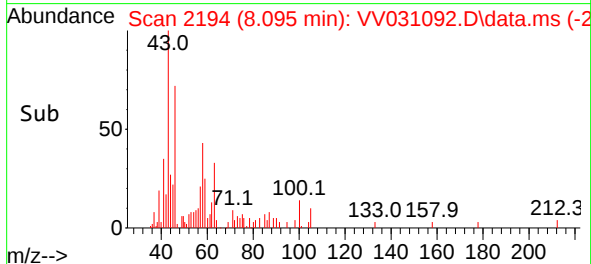
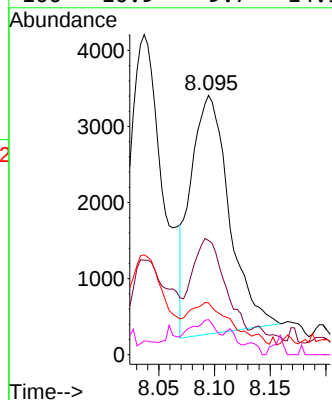
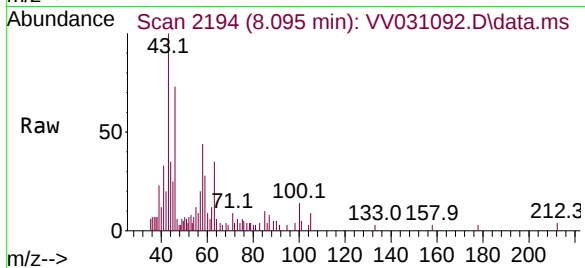
Ion Ratio Lower Upper

43 100

58 45.6 39.9 59.9

57 19.4 14.1 21.1

100 10.9 9.7 14.5



#61

1,2,3-Trichloropropane

Concen: 0.123 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.042 min

Lab File: VV031092.D

Acq: 18 May 2023 15:32

Tgt Ion: 75 Resp: 435

Ion Ratio Lower Upper

75 100

77 59.3 25.3 37.9#

110 4.6 34.0 51.0#

