

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
 Data File : VV021817.D
 Acq On : 17 Aug 2021 16:10
 Operator : SY/MD
 Sample : M3365-12ME
 Misc : 6.04g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 02:10:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 02:05:23 2021
 Response via : Initial Calibration

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

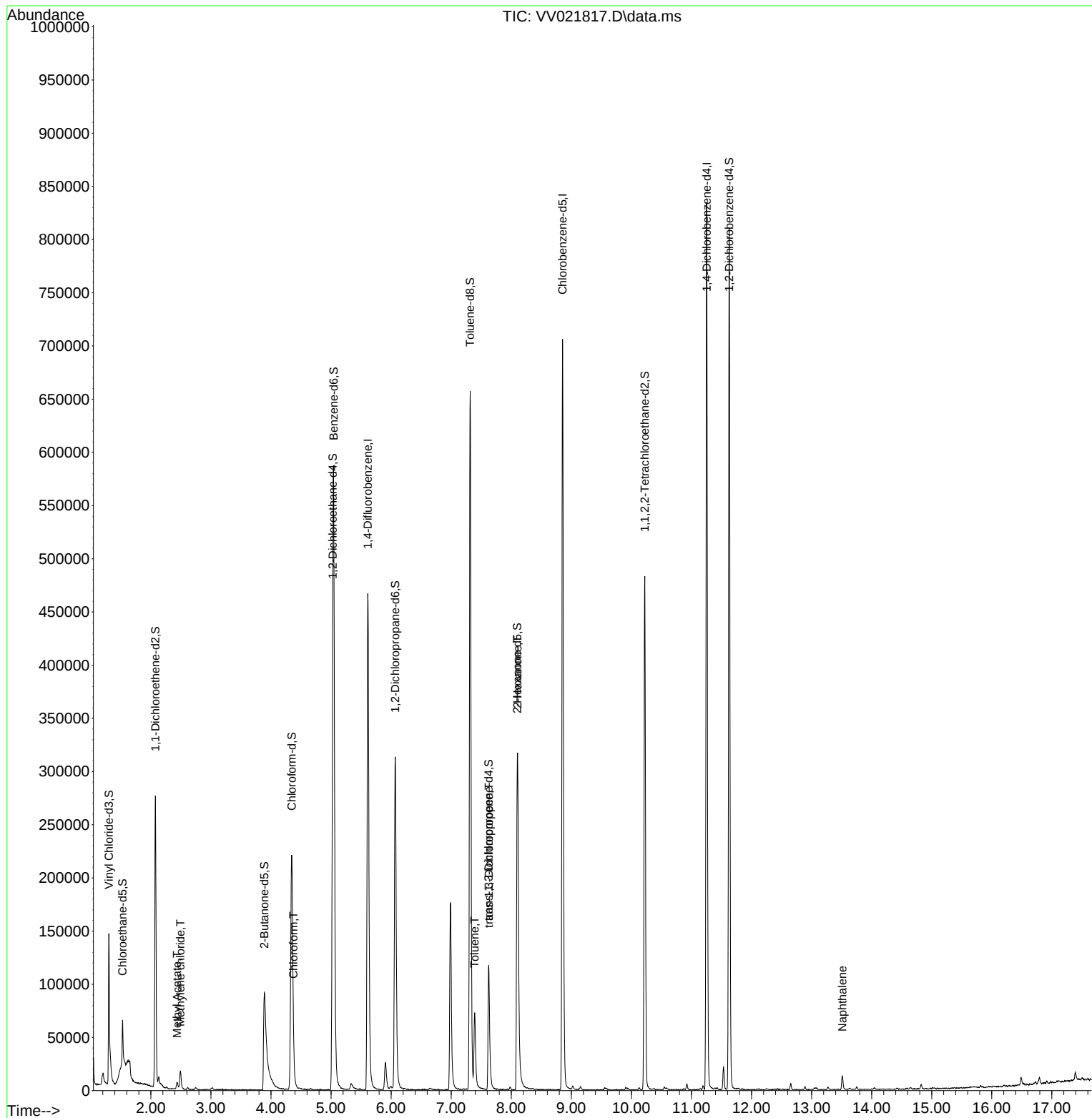
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	445851	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	427123	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	226947	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	126024	36.157	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.320%		
7) Chloroethane-d5	1.529	69	28722	10.920	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	21.840%#		
11) 1,1-Dichloroethene-d2	2.076	63	140184	25.267	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	50.540%#		
21) 2-Butanone-d5	3.889	46	191605	88.388	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.390%		
24) Chloroform-d	4.346	84	243449	40.314	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.620%		
26) 1,2-Dichloroethane-d4	5.027	65	156783	45.136	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.280%		
32) Benzene-d6	5.043	84	503230	40.971	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.940%		
36) 1,2-Dichloropropane-d6	6.069	67	167021	43.667	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.340%		
41) Toluene-d8	7.317	98	449105	39.560	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.120%#		
43) trans-1,3-Dichloroprop...	7.625	79	76754	40.774	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.540%		
47) 2-Hexanone-d5	8.101	63	136250	108.686	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	108.690%		
56) 1,1,2,2-Tetrachloroeth...	10.223	84	243008	51.269	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.540%		
66) 1,2-Dichlorobenzene-d4	11.628	152	214493	45.669	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.340%		
Target Compounds						Qvalue
15) Methyl Acetate	2.436	43	8825	2.693	ug/L	93
16) Methylene chloride	2.490	84	7573	2.066	ug/L	93
25) Chloroform	4.375	83	7249	1.224	ug/L	95
42) Toluene	7.391	91	58357	4.157	ug/L	93
44) trans-1,3-Dichloropropene	7.628	75	3330	0.670	ug/L	86
48) 2-Hexanone	8.104	43	16558	4.669	ug/L #	71
71) Naphthalene	13.512	128	11003	0.846	ug/L	98

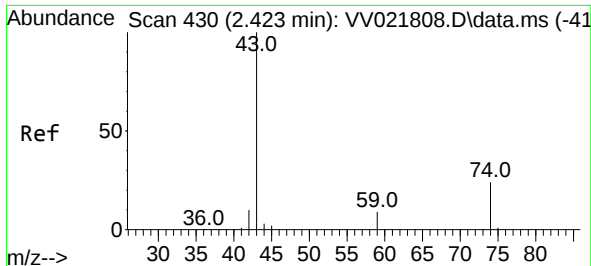
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 18 02:10:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 18 02:05:23 2021
Response via : Initial Calibration

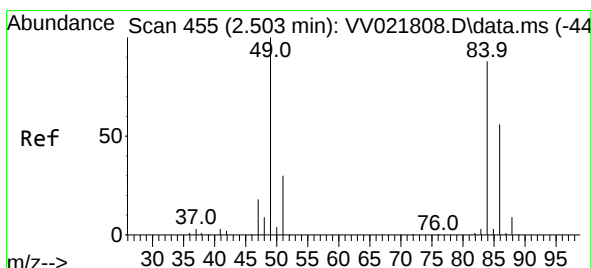
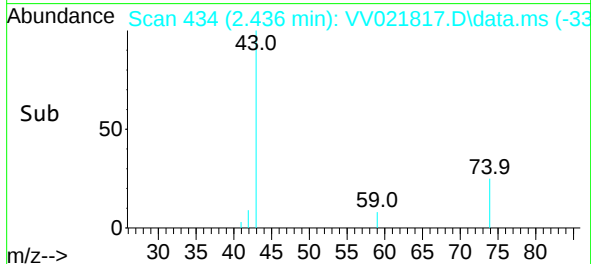
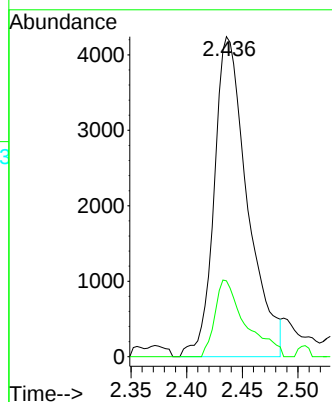
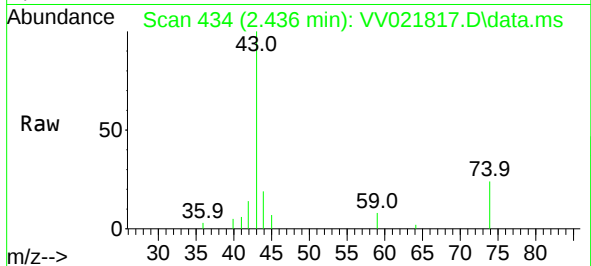




#15
Methyl Acetate
Concen: 2.693 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.013 min
Lab File: VV021817.D
Acq: 17 Aug 2021 16:10

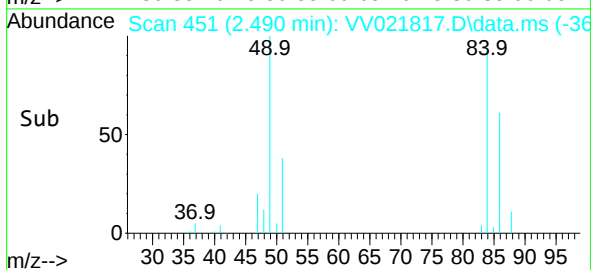
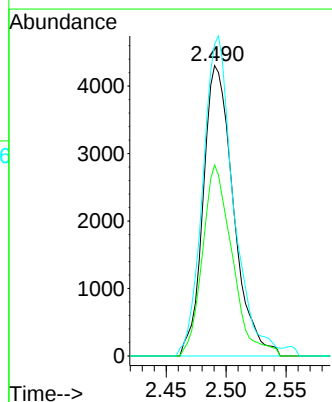
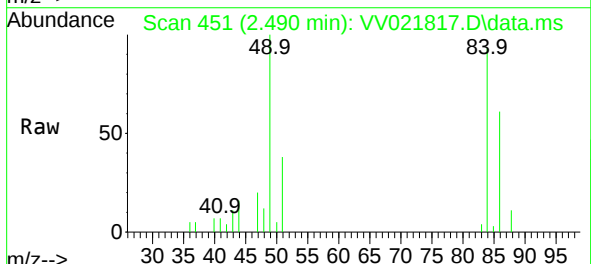
Instrument :
MSVOA_V
ClientSampled :

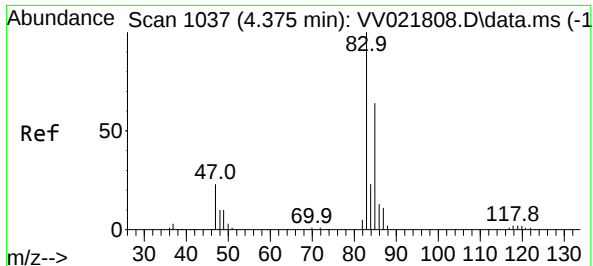
Tgt Ion: 43 Resp: 8825
Ion Ratio Lower Upper
43 100
74 20.3 19.0 28.6



#16
Methylene chloride
Concen: 2.066 ug/L
RT: 2.490 min Scan# 451
Delta R.T. -0.013 min
Lab File: VV021817.D
Acq: 17 Aug 2021 16:10

Tgt Ion: 84 Resp: 7573
Ion Ratio Lower Upper
84 100
86 65.8 44.7 83.1
49 107.4 82.5 153.3





#25

Chloroform

Concen: 1.224 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VV021817.D

Acq: 17 Aug 2021 16:10

Tgt Ion: 83 Resp: 7249

Ion Ratio Lower Upper

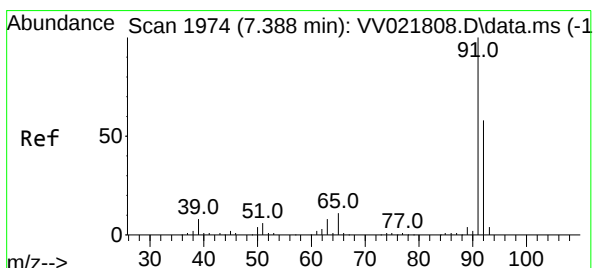
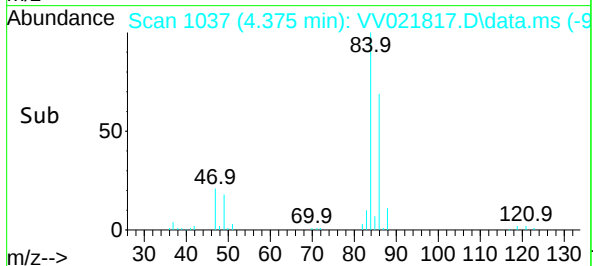
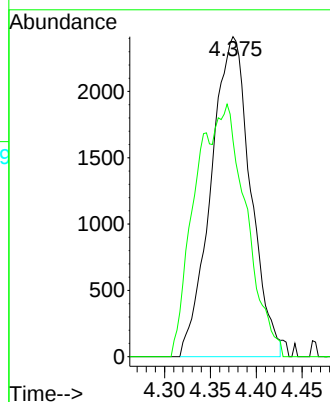
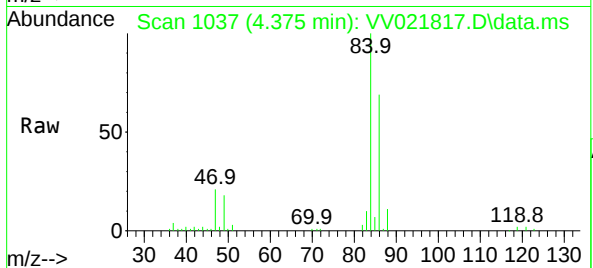
83 100

85 67.6 44.8 83.2

Instrument :

MSVOA_V

ClientSampled :



#42

Toluene

Concen: 4.157 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV021817.D

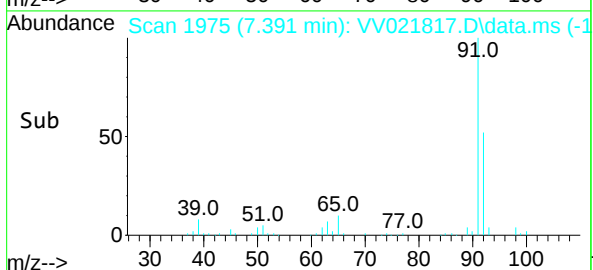
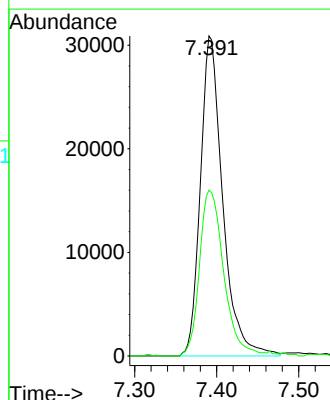
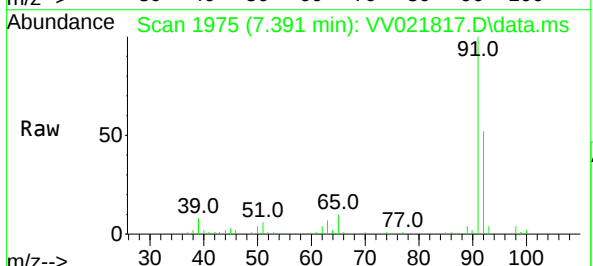
Acq: 17 Aug 2021 16:10

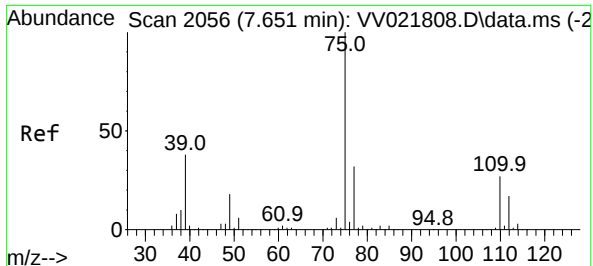
Tgt Ion: 91 Resp: 58357

Ion Ratio Lower Upper

91 100

92 51.8 40.1 74.5



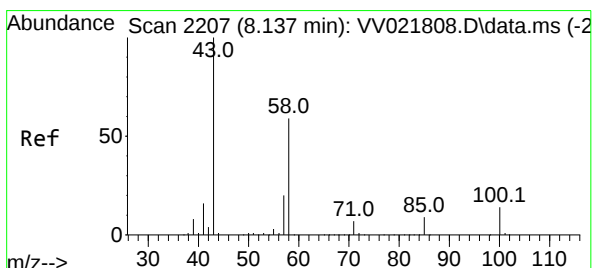
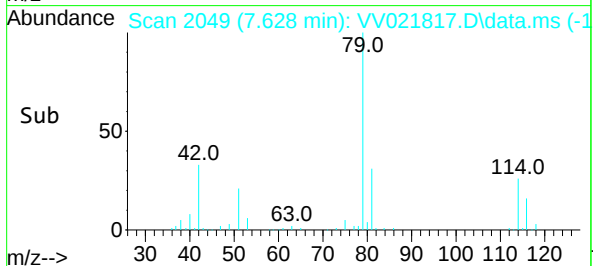
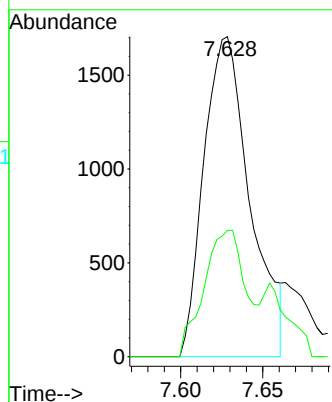
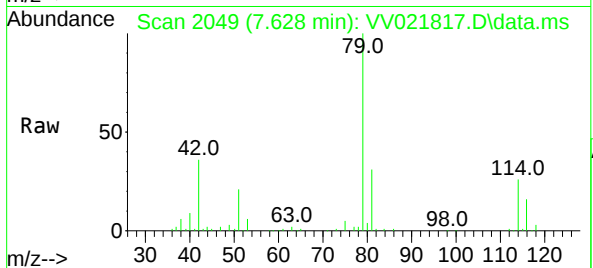


#44

trans-1,3-Dichloropropene
Concen: 0.670 ug/L
RT: 7.628 min Scan# 2049
Delta R.T. -0.023 min
Lab File: VV021817.D
Acq: 17 Aug 2021 16:10

Instrument :
MSVOA_V
ClientSampled :

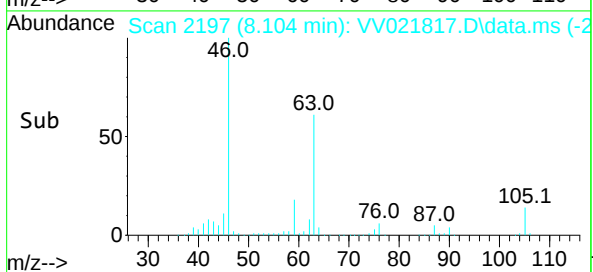
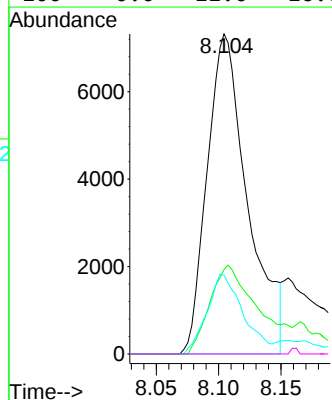
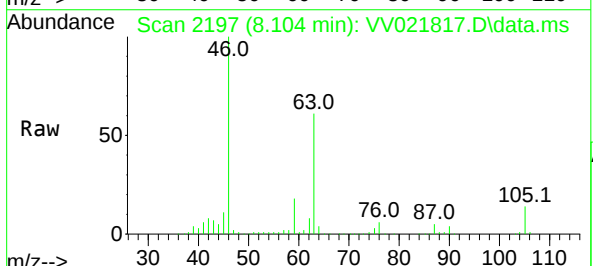
Tgt Ion: 75 Resp: 3330
Ion Ratio Lower Upper
75 100
77 39.5 22.2 41.2

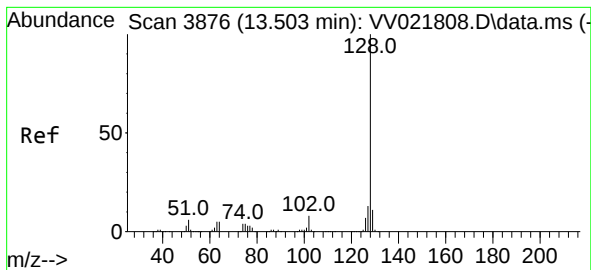


#48

2-Hexanone
Concen: 4.669 ug/L
RT: 8.104 min Scan# 2197
Delta R.T. -0.032 min
Lab File: VV021817.D
Acq: 17 Aug 2021 16:10

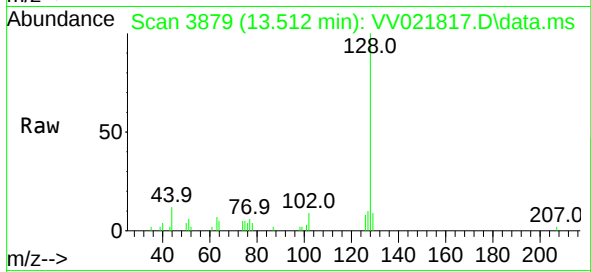
Tgt Ion: 43 Resp: 16558
Ion Ratio Lower Upper
43 100
58 31.1 45.4 68.2#
57 22.3 15.3 22.9
100 0.0 11.0 16.6#





#71
Naphthalene
Concen: 0.846 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.009 min
Lab File: VV021817.D
Acq: 17 Aug 2021 16:10

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 11003
Ion Ratio Lower Upper
128 100
127 11.8 10.0 15.0
129 10.0 8.5 12.7

