

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090121\
 Data File : VV022066.D
 Acq On : 01 Sep 2021 14:48
 Operator : SY/MD
 Sample : M3579-06ME
 Misc : 6.74g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 02 06:06:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 02 05:24:11 2021
 Response via : Initial Calibration

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

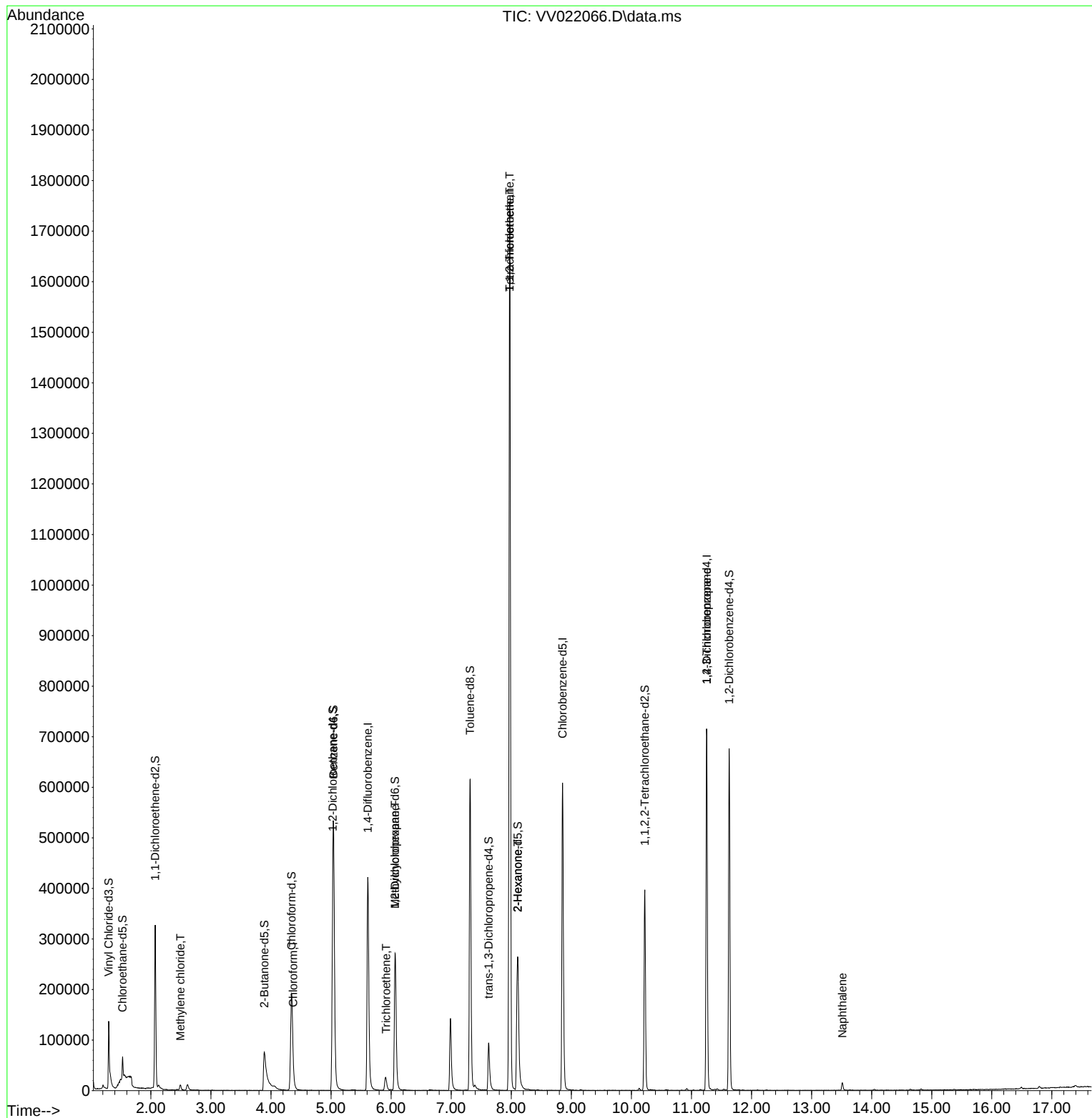
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	401259	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	382415	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	196729	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	128606	46.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.56%
7) Chloroethane-d5	1.529	69	32505	14.98	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	29.96%#
11) 1,1-Dichloroethene-d2	2.073	63	164029	35.69	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.38%
21) 2-Butanone-d5	3.889	46	167210	87.74	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.74%
24) Chloroform-d	4.343	84	211389	41.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.44%
26) 1,2-Dichloroethane-d4	5.027	65	136210	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.28%
32) Benzene-d6	5.040	84	470139	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.66%
36) 1,2-Dichloropropane-d6	6.066	67	145149	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.00%
41) Toluene-d8	7.314	98	429588	43.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.74%
43) trans-1,3-Dichloroprop...	7.625	79	62704	40.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.78%
47) 2-Hexanone-d5	8.108	63	128623	102.77	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.77%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	199243	47.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.38%
66) 1,2-Dichlorobenzene-d4	11.628	152	180976	46.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.58%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.494	84	4643	1.50	ug/L	94
25) Chloroform	4.368	83	8928	1.69	ug/L	90
34) Trichloroethene	5.915	95	4752	1.51	ug/L	88
35) Methylcyclohexane	6.066	83	34290	7.44	ug/L #	20
45) 1,1,2-Trichloroethane	7.973	97	3513	1.20	ug/L #	1
46) Tetrachloroethene	7.976	164	413768	168.85	ug/L	98
48) 2-Hexanone	8.108	43	14942	4.93	ug/L #	72
61) 1,2,3-Trichloropropane	11.252	75	21010	6.16	ug/L #	65
71) Naphthalene	13.513	128	13529	1.14	ug/L	99

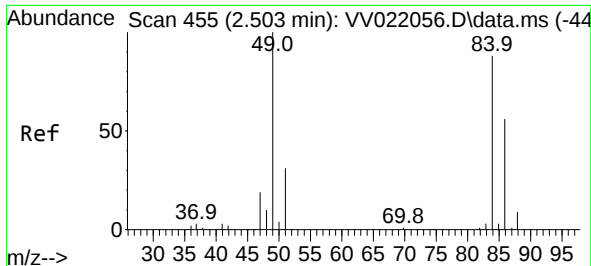
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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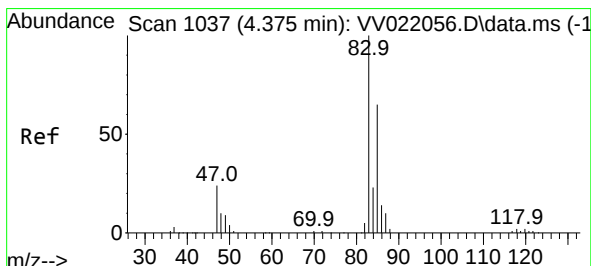
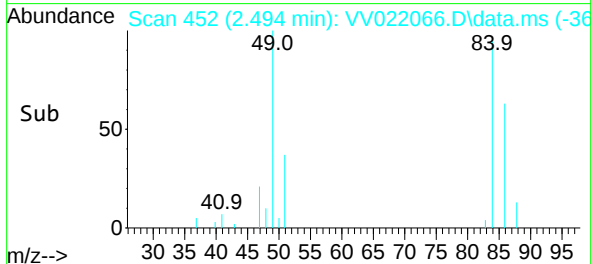
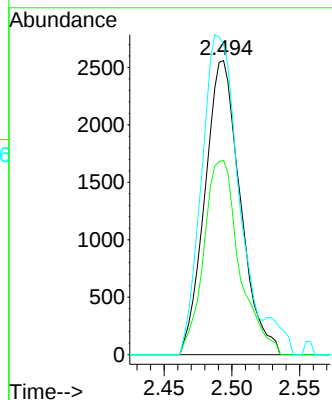
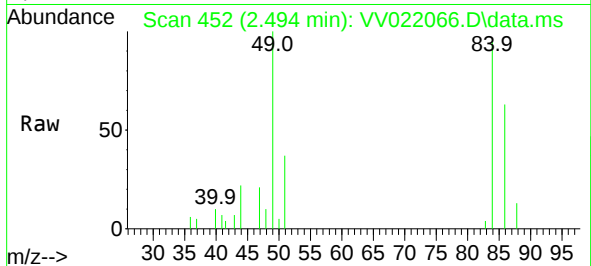




#16
Methylene chloride
Concen: 1.50 ug/L
RT: 2.494 min Scan# 452
Delta R.T. -0.010 min
Lab File: VV022066.D
Acq: 01 Sep 2021 14:48

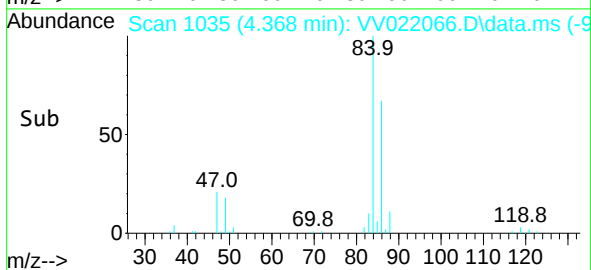
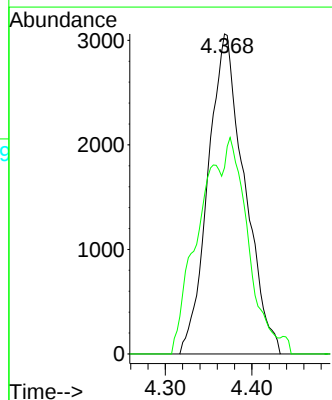
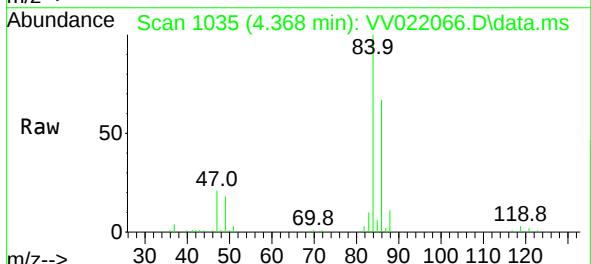
Instrument :
MSVOA_V
ClientSampled :

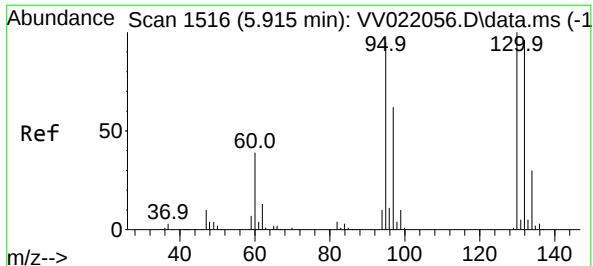
Tgt Ion: 84 Resp: 4643
Ion Ratio Lower Upper
84 100
86 66.0 44.8 83.2
49 105.5 80.2 149.0



#25
Chloroform
Concen: 1.69 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VV022066.D
Acq: 01 Sep 2021 14:48

Tgt Ion: 83 Resp: 8928
Ion Ratio Lower Upper
83 100
85 58.2 46.3 85.9



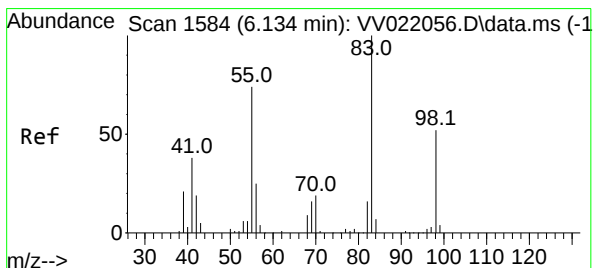
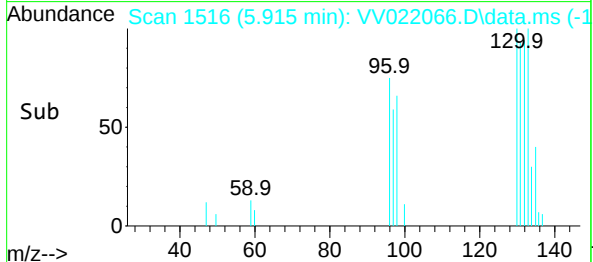
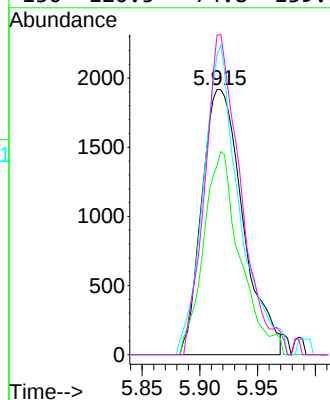
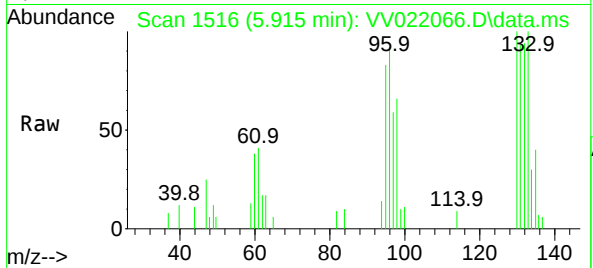


#34
Trichloroethene
Concen: 1.51 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV022066.D
Acq: 01 Sep 2021 14:48

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 95 Resp: 4752

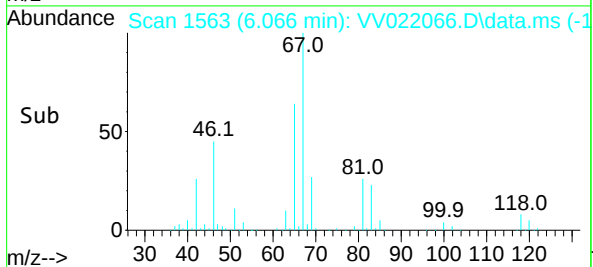
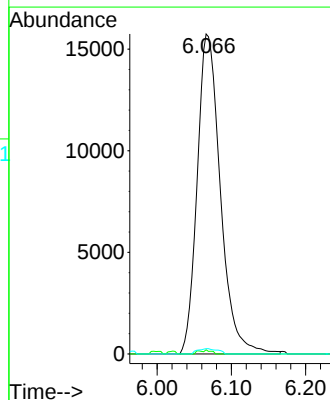
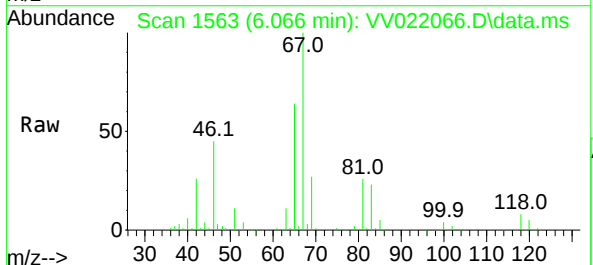
Ion	Ratio	Lower	Upper
95	100		
97	71.4	44.1	81.9
132	113.1	70.7	131.3
130	120.5	74.8	139.0

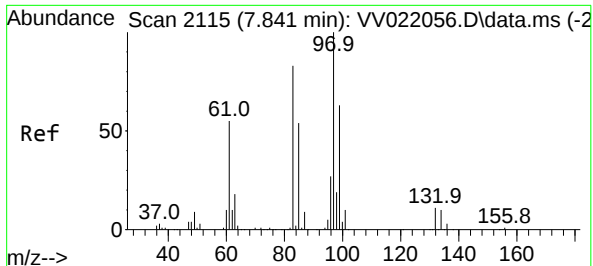


#35
Methylcyclohexane
Concen: 7.44 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.068 min
Lab File: VV022066.D
Acq: 01 Sep 2021 14:48

Tgt Ion: 83 Resp: 34290

Ion	Ratio	Lower	Upper
83	100		
55	0.2	56.8	85.2#
98	1.2	39.9	59.9#





#45

1,1,2-Trichloroethane

Concen: 1.20 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.132 min

Lab File: VV022066.D

Acq: 01 Sep 2021 14:48

Tgt Ion: 97 Resp: 3513

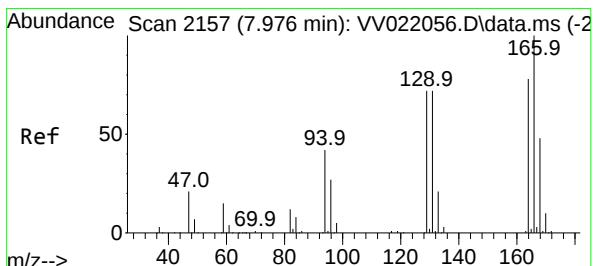
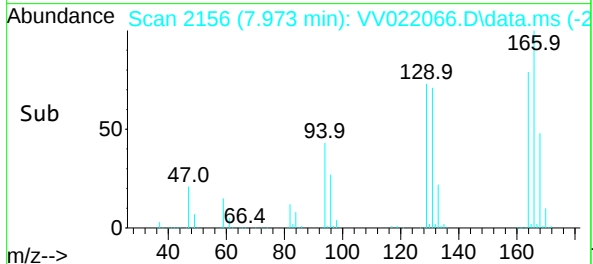
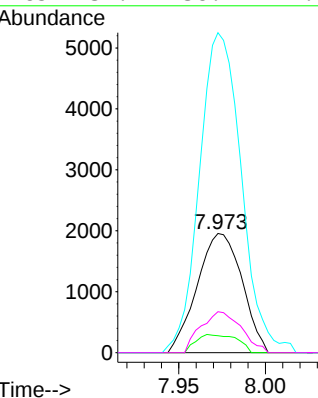
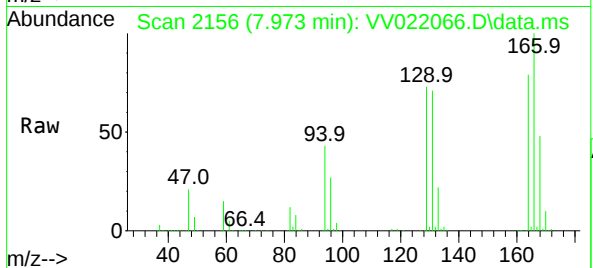
Ion Ratio Lower Upper

97 100

99 14.2 43.8 81.4#

83 268.6 58.8 109.2#

85 34.4 38.4 71.4#



#46

Tetrachloroethene

Concen: 168.85 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV022066.D

Acq: 01 Sep 2021 14:48

Tgt Ion:164 Resp: 413768

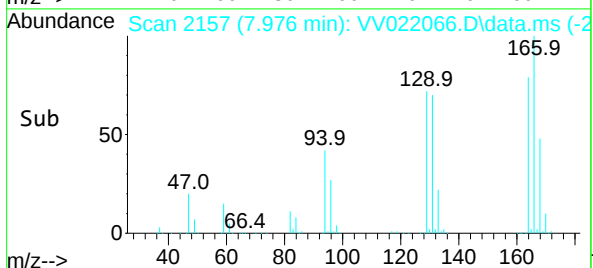
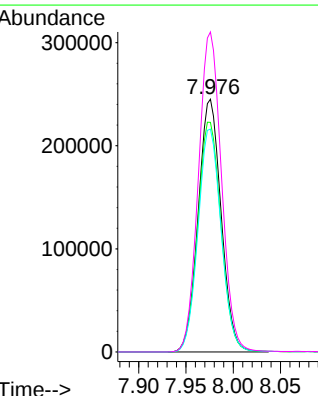
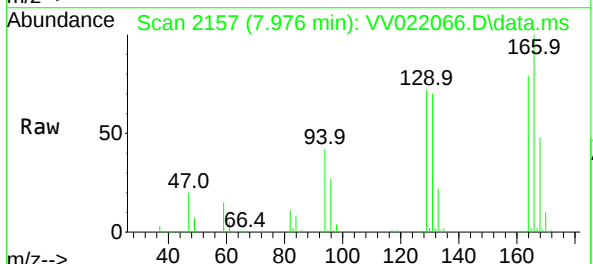
Ion Ratio Lower Upper

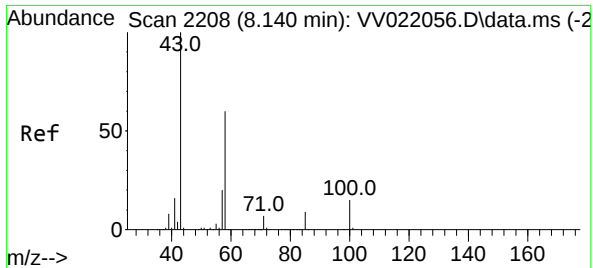
164 100

129 90.9 62.9 116.9

131 88.2 61.0 113.4

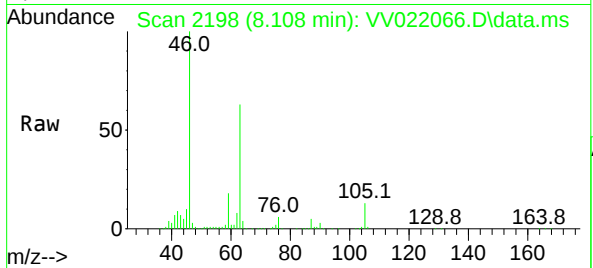
166 126.6 90.6 168.3



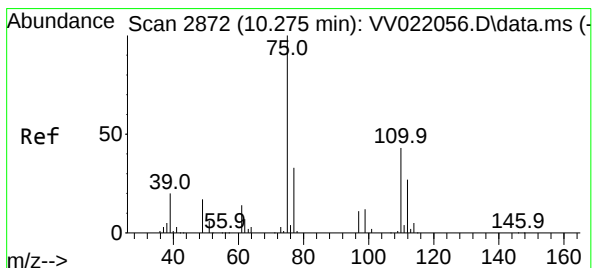
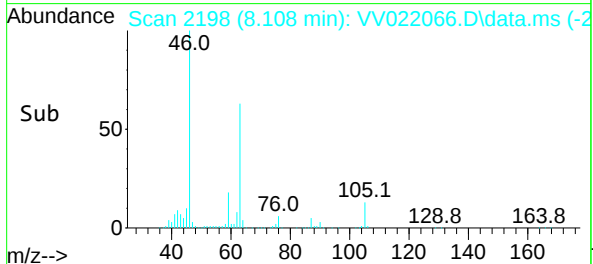
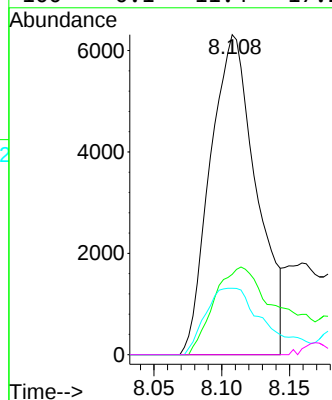


#48
2-Hexanone
Concen: 4.93 ug/L
RT: 8.108 min Scan# 2198
Delta R.T. -0.032 min
Lab File: VV022066.D
Acq: 01 Sep 2021 14:48

Instrument :
MSVOA_V
ClientSampleId :

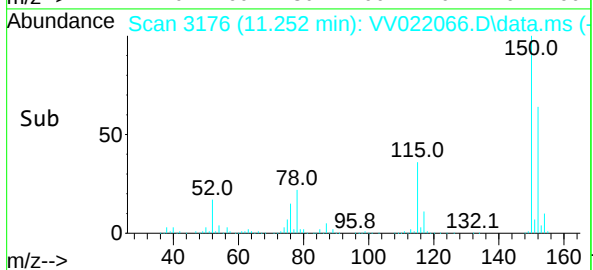
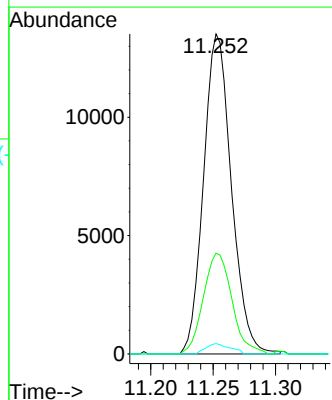
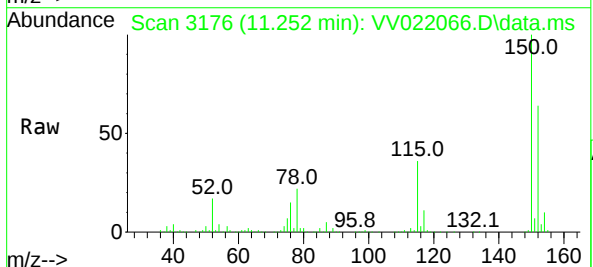


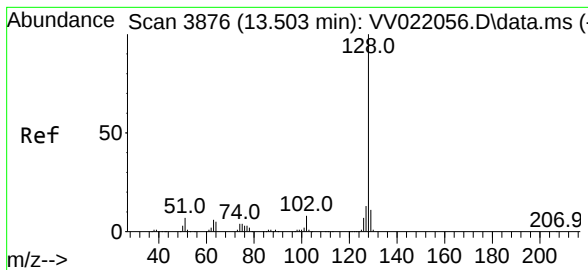
Tgt Ion: 43	Resp: 14942
Ion Ratio	Lower Upper
43 100	
58 35.4	47.5 71.3#
57 24.8	15.9 23.9#
100 0.1	11.4 17.2#



#61
1,2,3-Trichloropropane
Concen: 6.16 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.977 min
Lab File: VV022066.D
Acq: 01 Sep 2021 14:48

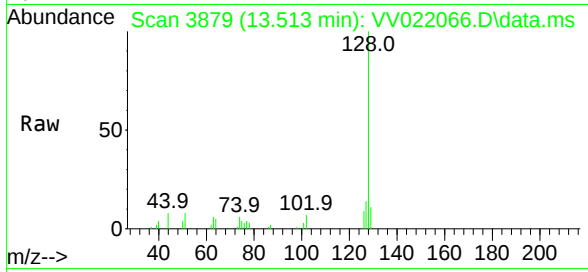
Tgt Ion: 75	Resp: 21010
Ion Ratio	Lower Upper
75 100	
77 32.3	26.2 39.2
110 2.8	33.8 50.6#





#71
Naphthalene
Concen: 1.14 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.010 min
Lab File: VV022066.D
Acq: 01 Sep 2021 14:48

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 13529
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 10.4 8.7 13.1

