

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082021\
 Data File : VV021917.D
 Acq On : 20 Aug 2021 16:36
 Operator : SY/MD
 Sample : M3458-13ME
 Misc : 7.40g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 21 00:55:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 21 00:50:00 2021
 Response via : Initial Calibration

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

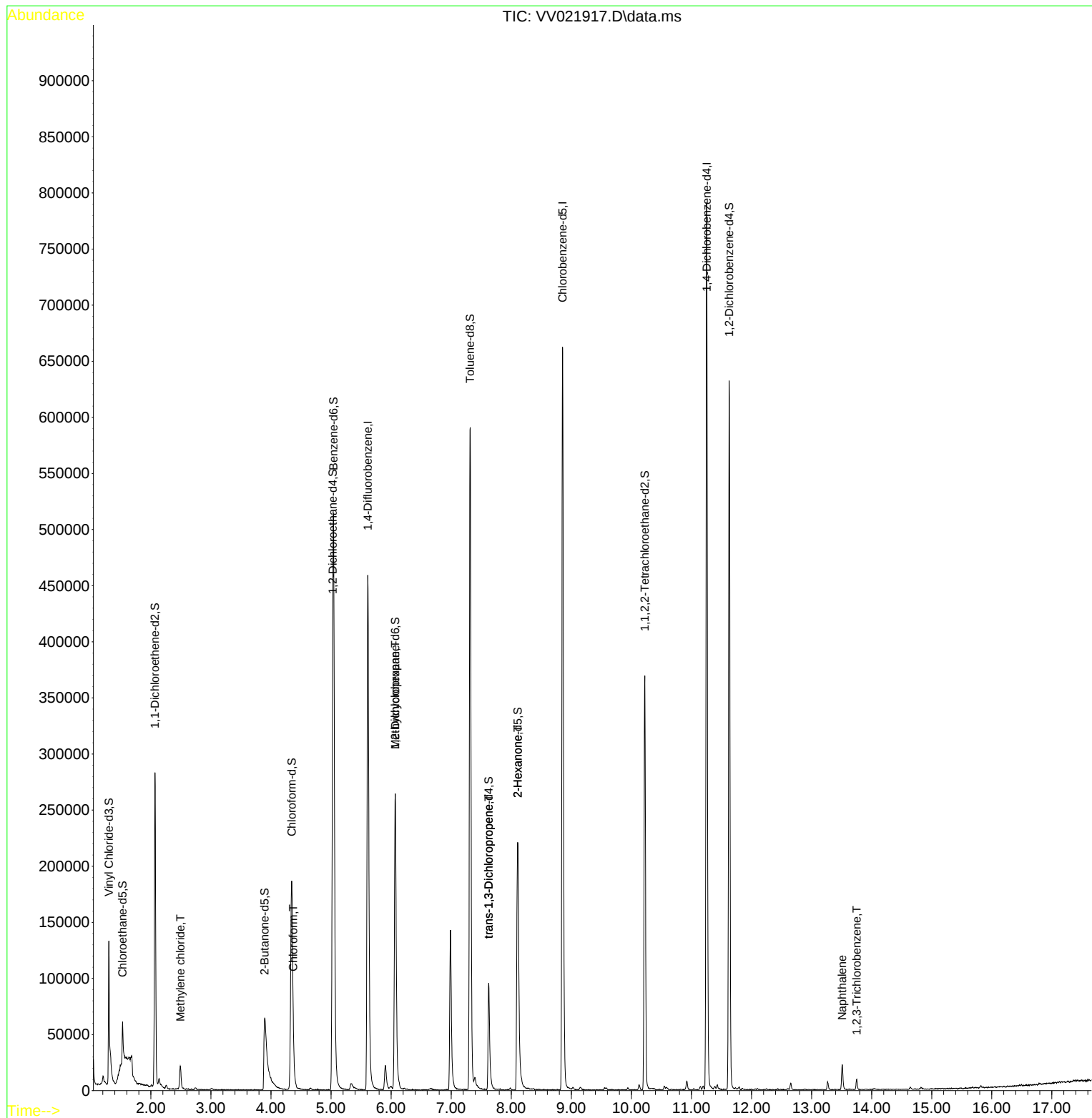
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	438595	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	419793	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	218405	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	121380	35.400	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	70.800%	
7) Chloroethane-d5	1.529	69	26309	10.168	ug/L	-0.03
Spiked Amount	50.000	Range 70 - 130	Recovery	=	20.340%#	
11) 1,1-Dichloroethene-d2	2.069	63	143558	26.303	ug/L	-0.04
Spiked Amount	50.000	Range 60 - 125	Recovery	=	52.600%#	
21) 2-Butanone-d5	3.892	46	134328	62.991	ug/L	0.02
Spiked Amount	100.000	Range 40 - 130	Recovery	=	62.990%	
24) Chloroform-d	4.346	84	205413	34.578	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	69.160%#	
26) 1,2-Dichloroethane-d4	5.027	65	129257	37.827	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	75.660%	
32) Benzene-d6	5.040	84	450215	37.295	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	74.600%	
36) 1,2-Dichloropropane-d6	6.069	67	141203	37.561	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	75.120%	
41) Toluene-d8	7.317	98	414324	37.133	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	74.260%#	
43) trans-1,3-Dichloroprop...	7.625	79	61485	33.233	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	66.460%	
47) 2-Hexanone-d5	8.108	63	102285	83.017	ug/L	0.02
Spiked Amount	100.000	Range 45 - 130	Recovery	=	83.020%	
56) 1,1,2,2-Tetrachloroeth...	10.223	84	186927	40.126	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	80.260%	
66) 1,2-Dichlorobenzene-d4	11.628	152	172333	38.127	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	76.260%#	
Target Compounds						Qvalue
16) Methylene chloride	2.491	84	9587	2.658	ug/L	94
25) Chloroform	4.371	83	6875	1.180	ug/L	92
35) Methylcyclohexane	6.069	83	34821	6.429	ug/L #	20
44) trans-1,3-Dichloropropene	7.625	75	2964	0.607	ug/L #	82
48) 2-Hexanone	8.108	43	12723	3.650	ug/L #	73
71) Naphthalene	13.509	128	18613	1.486	ug/L	98
72) 1,2,3-Trichlorobenzene	13.751	180	2937	0.678	ug/L	99

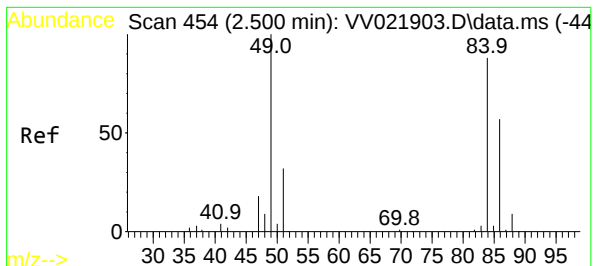
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_V
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Quant Time: Aug 21 00:55:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 21 00:50:00 2021
Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.658 ug/L

RT: 2.491 min Scan# 451

Delta R.T. -0.009 min

Lab File: VV021917.D

Acq: 20 Aug 2021 16:36

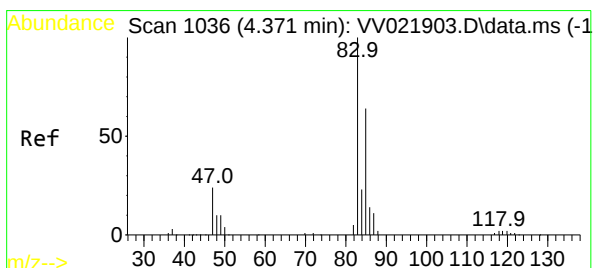
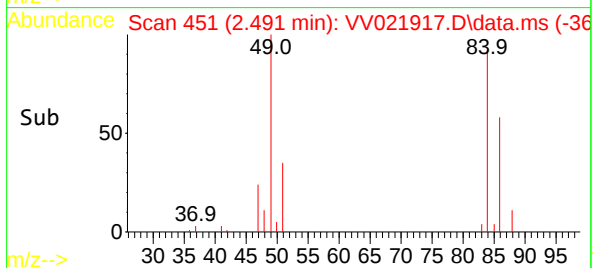
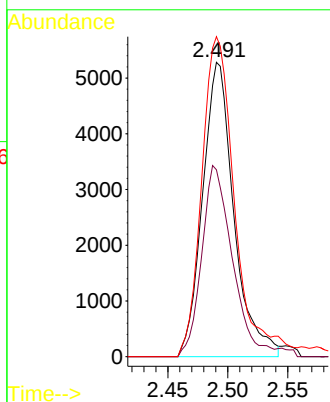
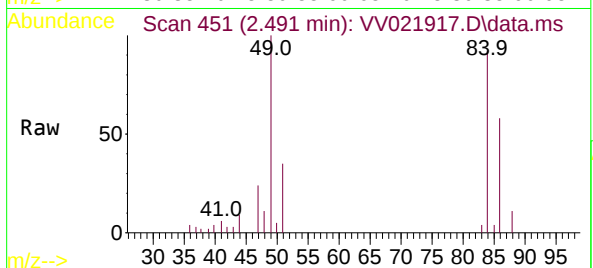
Tgt Ion: 84 Resp: 9587

Ion Ratio Lower Upper

84 100

86 63.5 44.7 83.1

49 108.7 82.5 153.3



#25

Chloroform

Concen: 1.180 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV021917.D

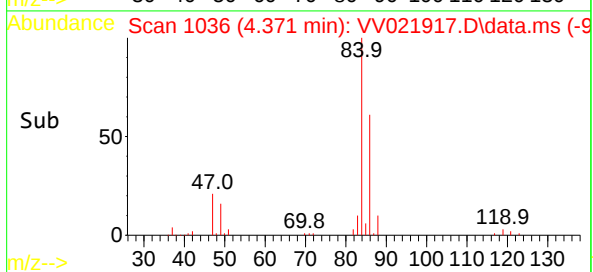
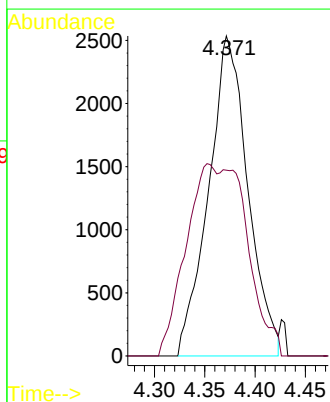
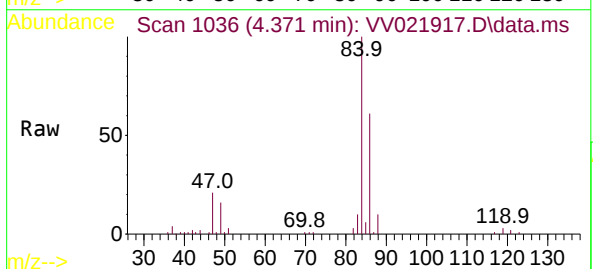
Acq: 20 Aug 2021 16:36

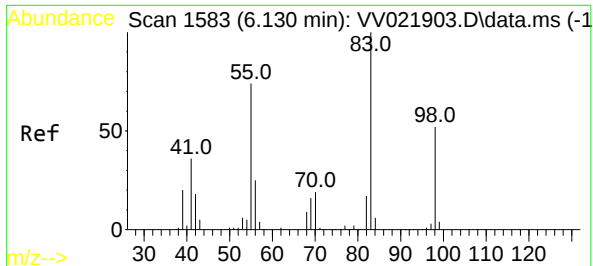
Tgt Ion: 83 Resp: 6875

Ion Ratio Lower Upper

83 100

85 58.1 44.8 83.2

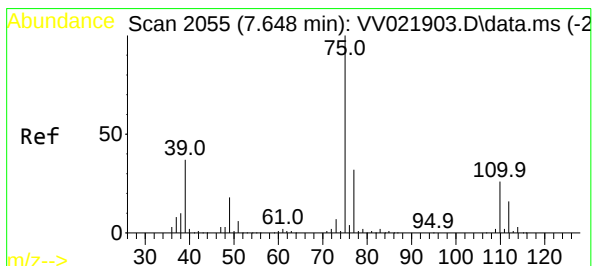
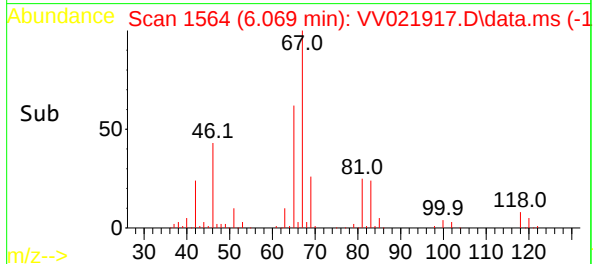
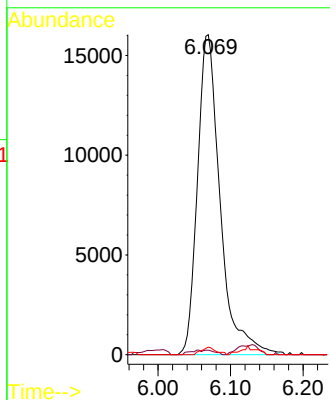
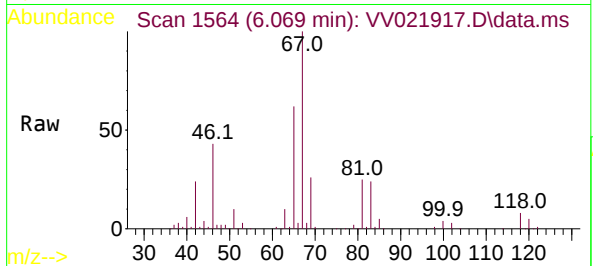




#35
Methylcyclohexane
Concen: 6.429 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV021917.D
Acq: 20 Aug 2021 16:36

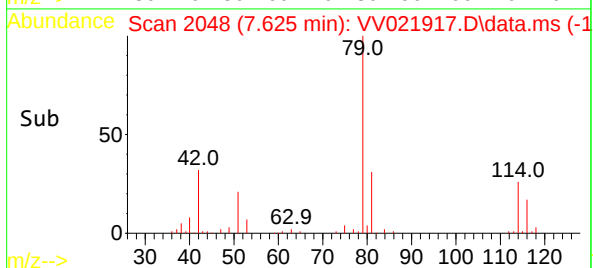
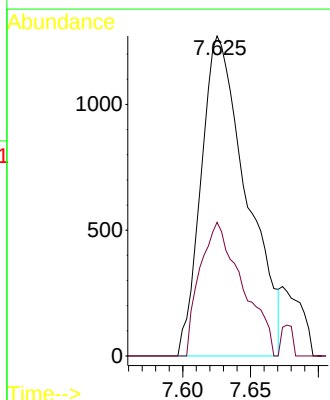
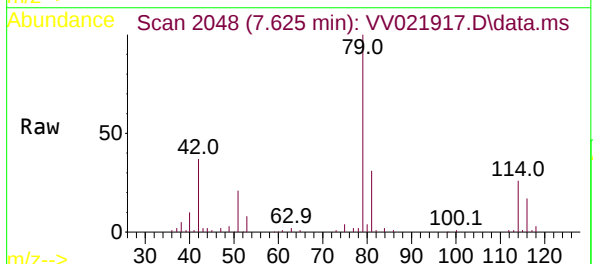
Instrument :
MSVOA_V
ClientSampleId :

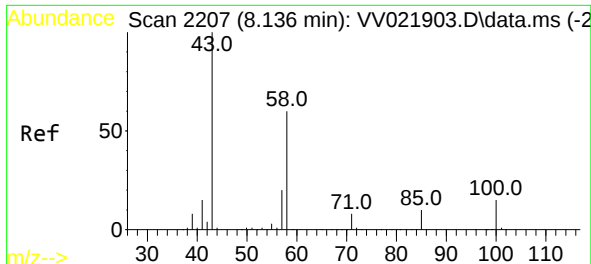
Tgt Ion: 83 Resp: 34821
Ion Ratio Lower Upper
83 100
55 0.7 57.9 86.9#
98 1.4 39.9 59.9#



#44
trans-1,3-Dichloropropene
Concen: 0.607 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.022 min
Lab File: VV021917.D
Acq: 20 Aug 2021 16:36

Tgt Ion: 75 Resp: 2964
Ion Ratio Lower Upper
75 100
77 41.7 22.2 41.2#

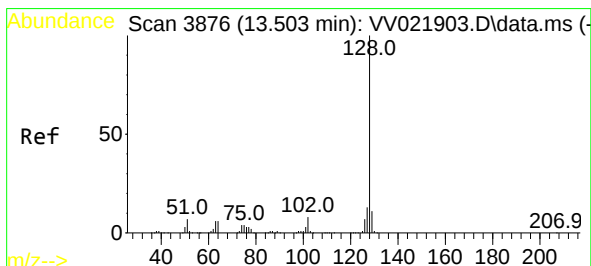
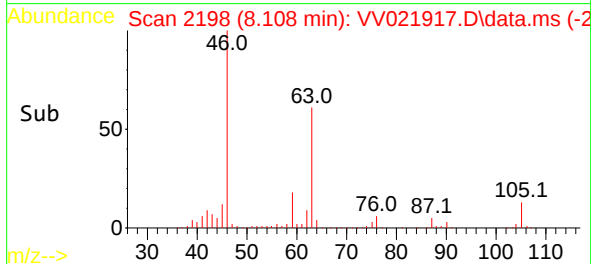
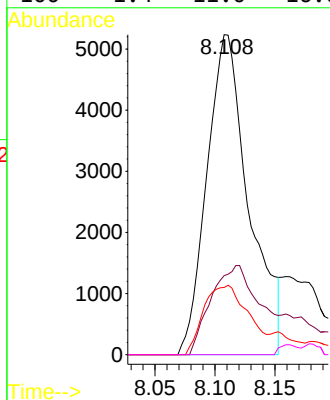
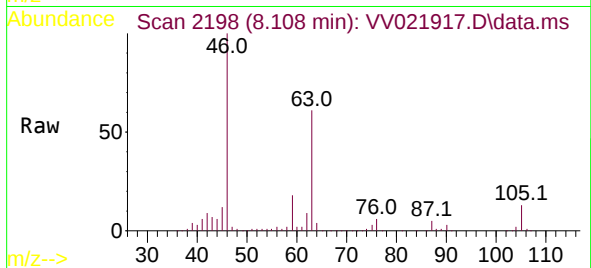




#48
2-Hexanone
Concen: 3.650 ug/L
RT: 8.108 min Scan# 2198
Delta R.T. -0.029 min
Lab File: VV021917.D
Acq: 20 Aug 2021 16:36

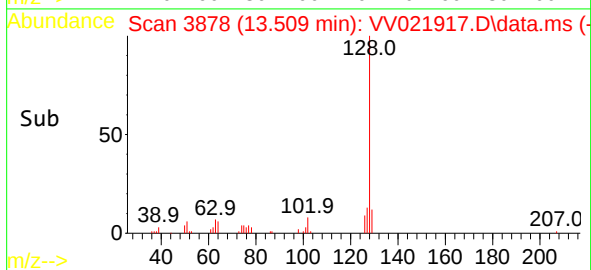
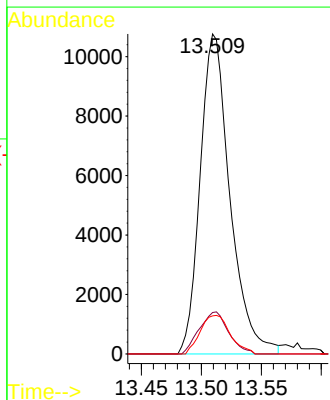
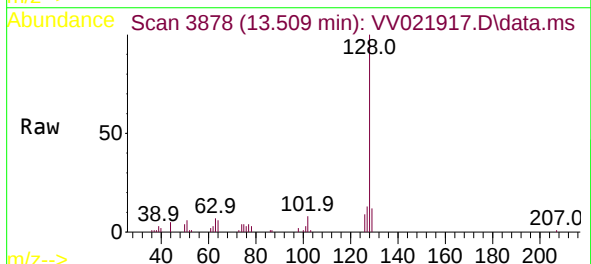
Instrument :
MSVOA_V
ClientSampled :

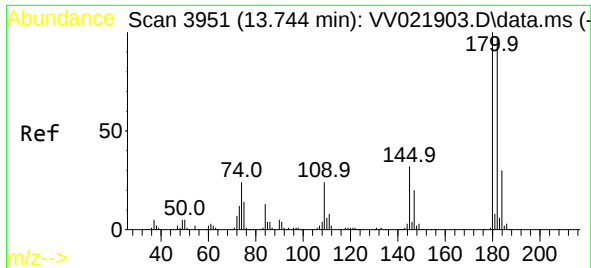
Tgt Ion: 43	Resp: 12723
Ion Ratio	Lower Upper
43 100	
58 32.6	45.4 68.2#
57 23.1	15.3 22.9#
100 1.4	11.0 16.6#



#71
Naphthalene
Concen: 1.486 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.007 min
Lab File: VV021917.D
Acq: 20 Aug 2021 16:36

Tgt Ion:128	Resp:	18613	
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.0	15.0
129	12.1	8.5	12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 0.678 ug/L
 RT: 13.751 min Scan# 3953
 Delta R.T. 0.007 min
 Lab File: VV021917.D
 Acq: 20 Aug 2021 16:36

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:	180	Resp:	2937
Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.2	114.2
145	30.7	25.6	38.4

