

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083021\
 Data File : VV022007.D
 Acq On : 30 Aug 2021 16:39
 Operator : SY/MD
 Sample : M3566-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 02:39:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 31 02:34:28 2021
 Response via : Initial Calibration

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

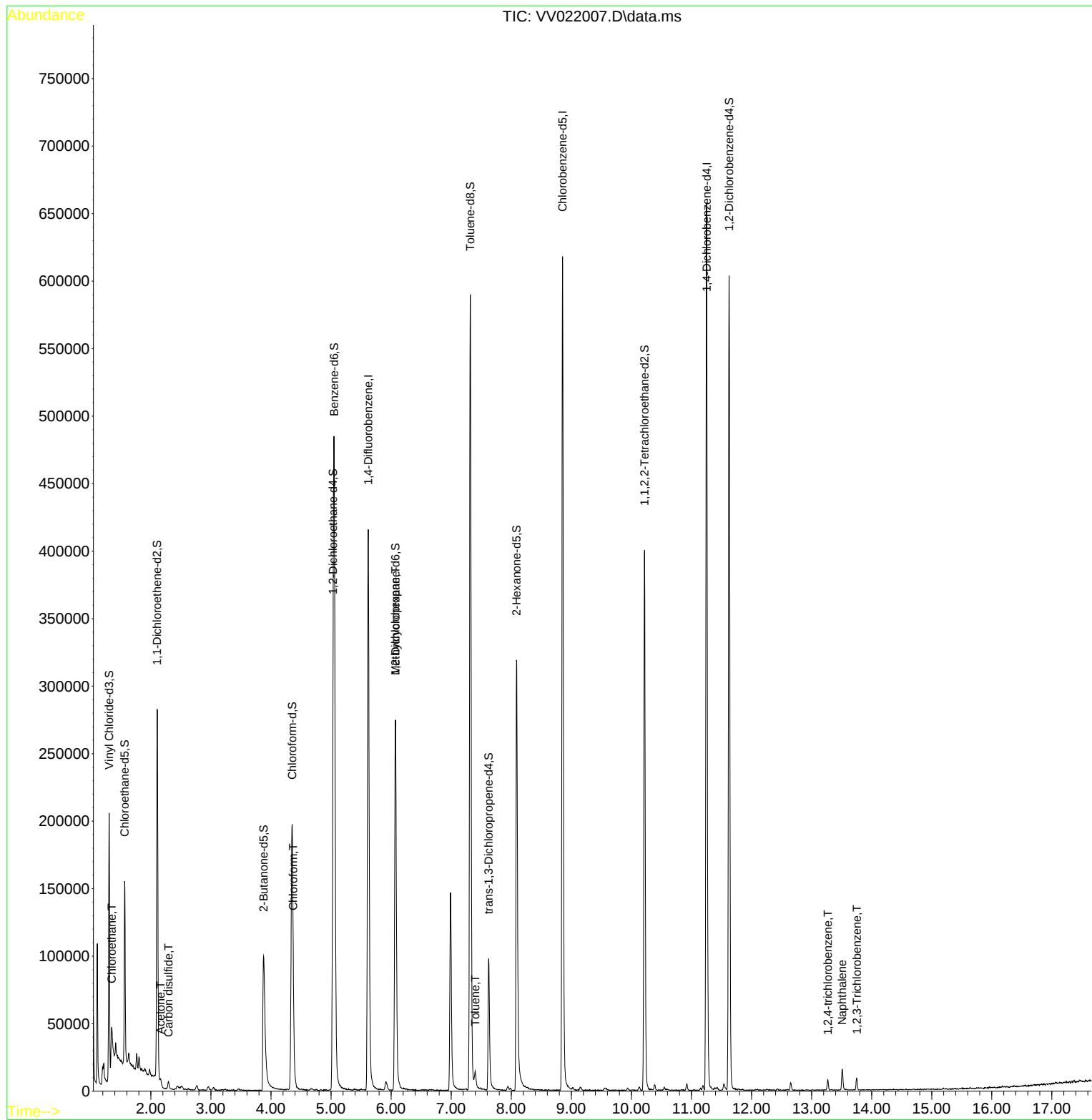
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	374109	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	361675	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	181289	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	98993	38.210	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.420%		
7) Chloroethane-d5	1.564	69	86598	42.803	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.600%		
11) 1,1-Dichloroethene-d2	2.104	63	139515	32.562	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.120%		
21) 2-Butanone-d5	3.876	46	160364	90.255	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.260%		
24) Chloroform-d	4.352	84	210060	44.467	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.940%		
26) 1,2-Dichloroethane-d4	5.034	65	129748	46.630	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.260%		
32) Benzene-d6	5.053	84	435137	44.357	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.720%		
36) 1,2-Dichloropropane-d6	6.072	67	138821	44.998	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.000%		
41) Toluene-d8	7.320	98	405826	43.824	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.640%		
43) trans-1,3-Dichloroprop...	7.625	79	58766	40.021	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.040%		
47) 2-Hexanone-d5	8.088	63	115075	97.214	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.210%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	195080	49.373	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.740%		
66) 1,2-Dichlorobenzene-d4	11.628	152	165107	46.327	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.660%		
Target Compounds						Qvalue
8) Chloroethane	1.349	64	69554	40.511	ug/L #	51
13) Acetone	2.162	43	4466	3.000	ug/L #	73
14) Carbon disulfide	2.294	76	6639	1.020	ug/L	99
25) Chloroform	4.371	83	2404	0.489	ug/L	79
35) Methylcyclohexane	6.072	83	32790	7.525	ug/L #	21
42) Toluene	7.400	91	8979	0.791	ug/L	96
70) 1,2,4-trichlorobenzene	13.271	180	2561	0.673	ug/L	99
71) Naphthalene	13.509	128	12810	1.171	ug/L	97
72) 1,2,3-Trichlorobenzene	13.754	180	2995	0.807	ug/L	98

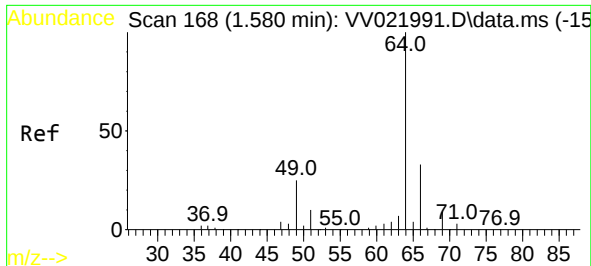
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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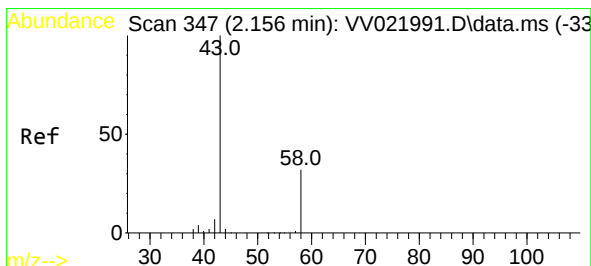
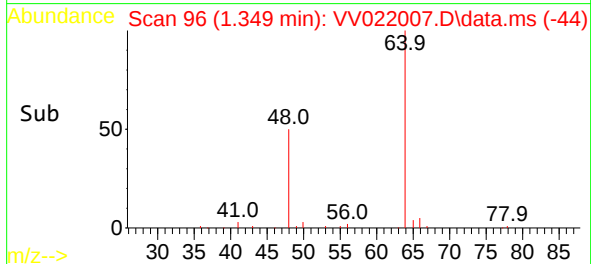
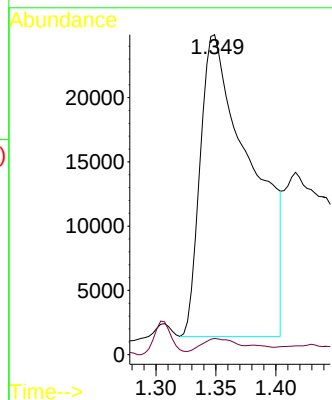
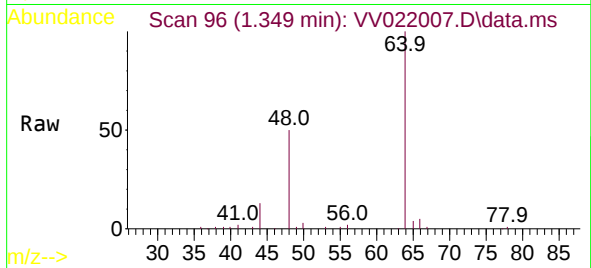




#8
Chloroethane
Concen: 40.511 ug/L
RT: 1.349 min Scan# 96
Delta R.T. -0.232 min
Lab File: VV022007.D
Acq: 30 Aug 2021 16:39

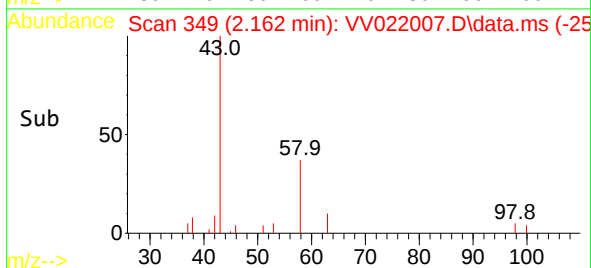
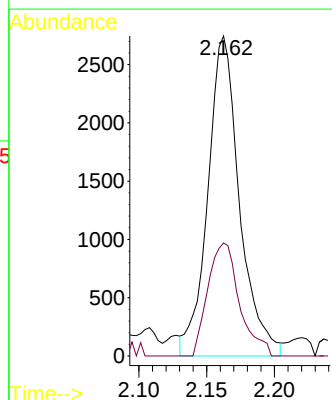
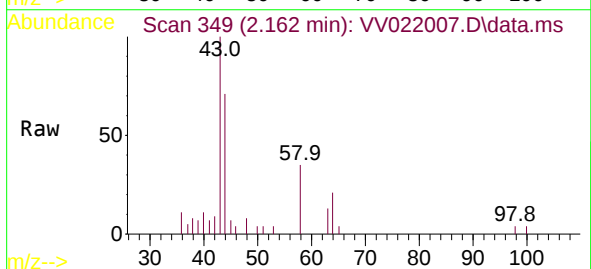
Instrument :
MSVOA_V
ClientSampled :

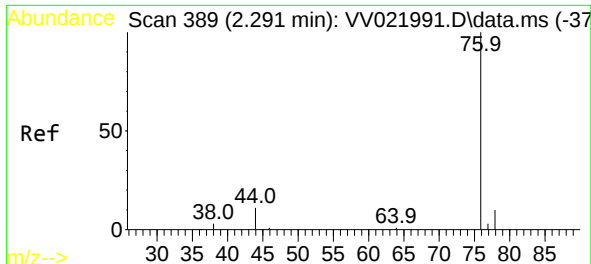
Tgt Ion: 64 Resp: 69554
Ion Ratio Lower Upper
64 100
66 5.1 22.7 42.3#



#13
Acetone
Concen: 3.000 ug/L
RT: 2.162 min Scan# 349
Delta R.T. 0.006 min
Lab File: VV022007.D
Acq: 30 Aug 2021 16:39

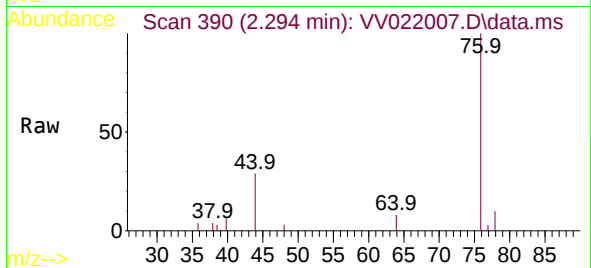
Tgt Ion: 43 Resp: 4466
Ion Ratio Lower Upper
43 100
58 35.2 0.0 0.4#



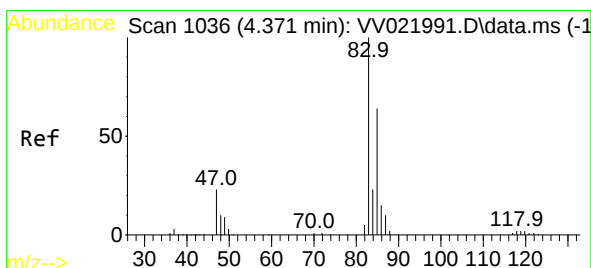
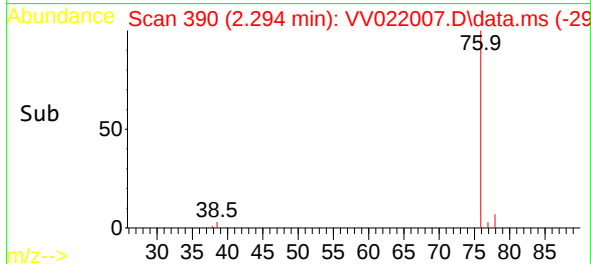
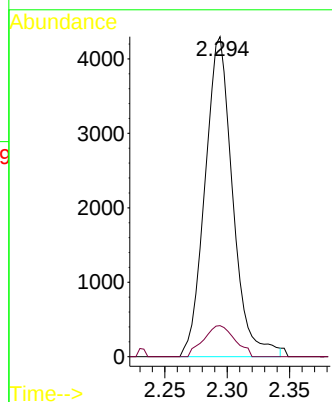


#14
Carbon disulfide
Concen: 1.020 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV022007.D
Acq: 30 Aug 2021 16:39

Instrument :
MSVOA_V
ClientSampled :

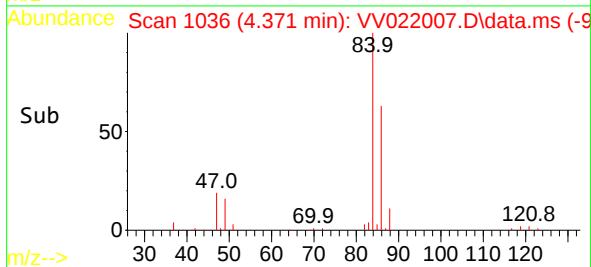
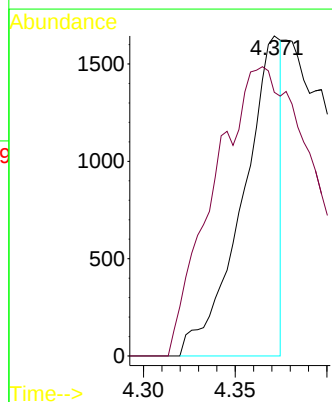
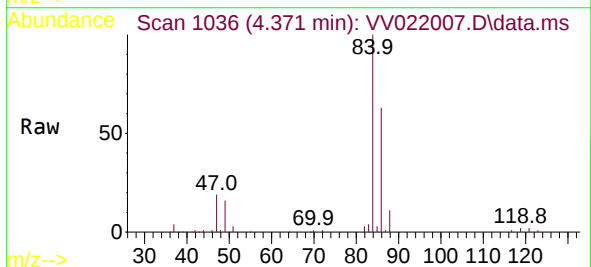


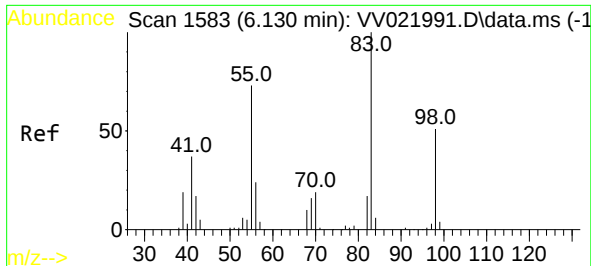
Tgt Ion: 76 Resp: 6639
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2



#25
Chloroform
Concen: 0.489 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VV022007.D
Acq: 30 Aug 2021 16:39

Tgt Ion: 83 Resp: 2404
Ion Ratio Lower Upper
83 100
85 82.4 46.3 85.9

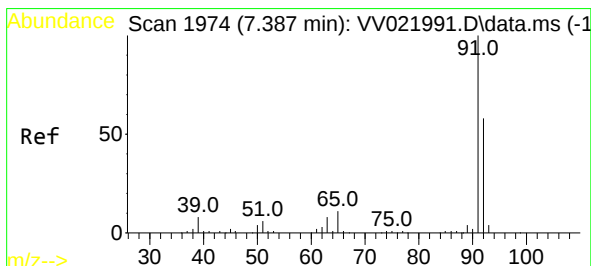
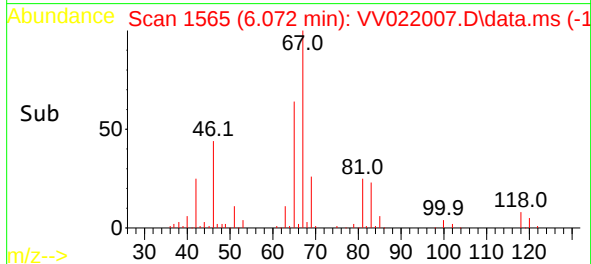
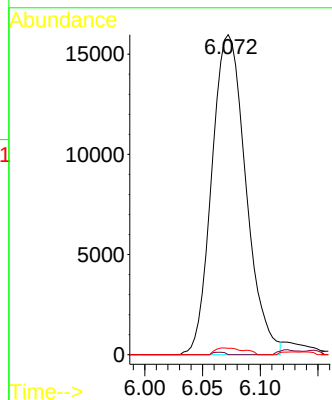
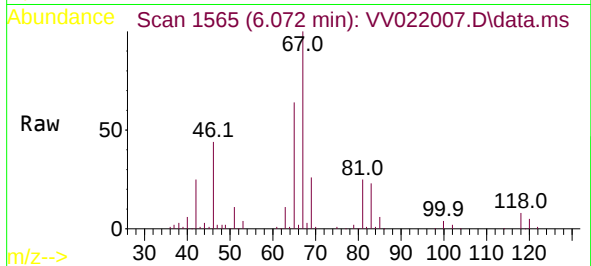




#35
Methylcyclohexane
Concen: 7.525 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV022007.D
Acq: 30 Aug 2021 16:39

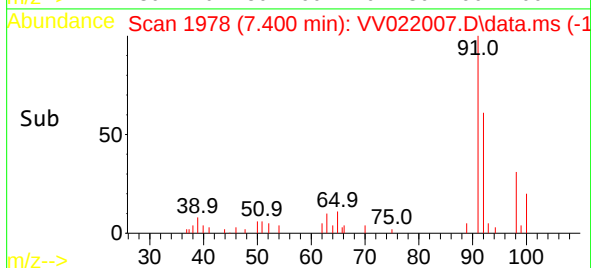
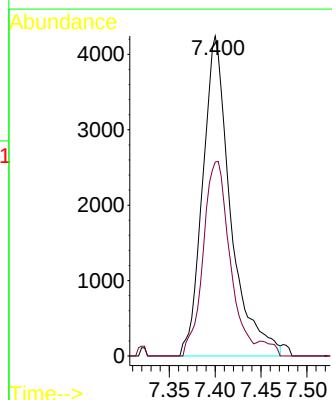
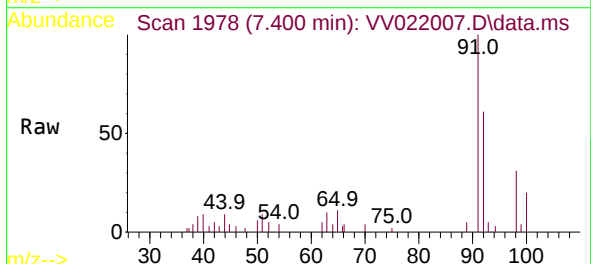
Instrument :
MSVOA_V
ClientSampleId :

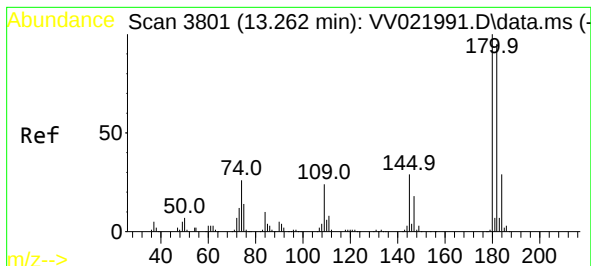
Tgt Ion: 83 Resp: 32790
Ion Ratio Lower Upper
83 100
55 0.3 56.8 85.2#
98 1.5 39.9 59.9#



#42
Toluene
Concen: 0.791 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.013 min
Lab File: VV022007.D
Acq: 30 Aug 2021 16:39

Tgt Ion: 91 Resp: 8979
Ion Ratio Lower Upper
91 100
92 60.6 40.3 74.8





#70

1,2,4-trichlorobenzene

Concen: 0.673 ug/L

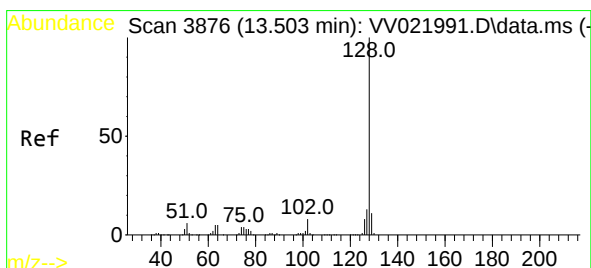
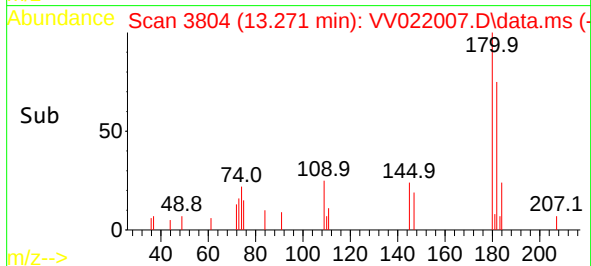
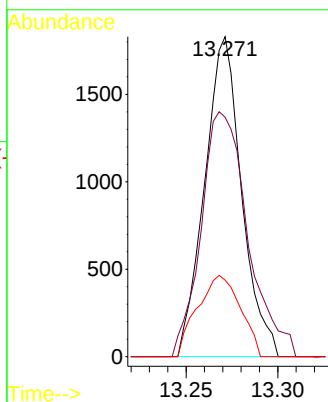
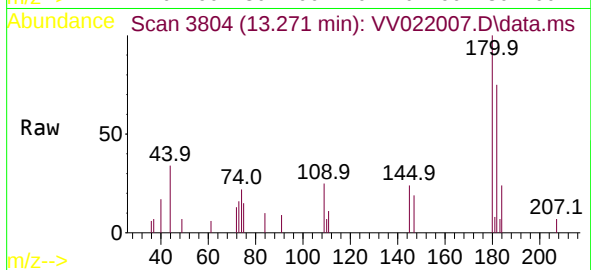
RT: 13.271 min Scan# 3804

Delta R.T. 0.010 min

Lab File: VV022007.D

Acq: 30 Aug 2021 16:39

Tgt Ion:	180	Resp:	2561
Ion Ratio	Lower	Upper	
180	100		
182	95.8	75.9	113.9
145	29.4	23.8	35.6



#71

Naphthalene

Concen: 1.171 ug/L

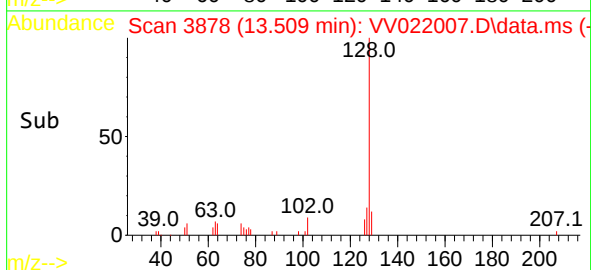
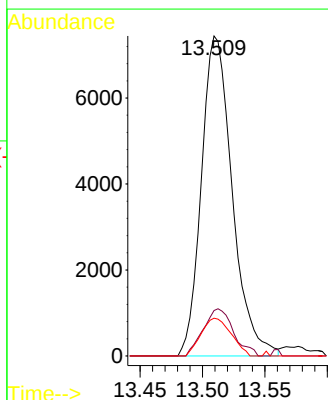
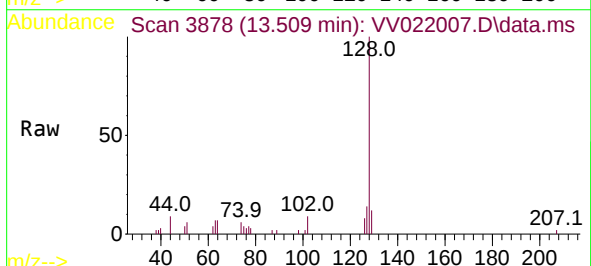
RT: 13.509 min Scan# 3878

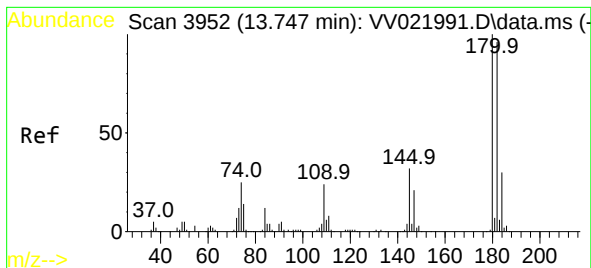
Delta R.T. 0.006 min

Lab File: VV022007.D

Acq: 30 Aug 2021 16:39

Tgt Ion:	128	Resp:	12810
Ion Ratio	Lower	Upper	
128	100		
127	14.4	10.1	15.1
129	11.5	8.7	13.1





#72
1,2,3-Trichlorobenzene
Concen: 0.807 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.006 min
Lab File: VV022007.D
Acq: 30 Aug 2021 16:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	76.3	114.5
145	31.9	25.4	38.0

