

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081921\
 Data File : VW019804.D
 Acq On : 19 Aug 2021 13:26
 Operator : SY/VA
 Sample : M3458-11RE
 Misc : 4.85g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 20 00:45:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 20 00:38:38 2021
 Response via : Initial Calibration

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

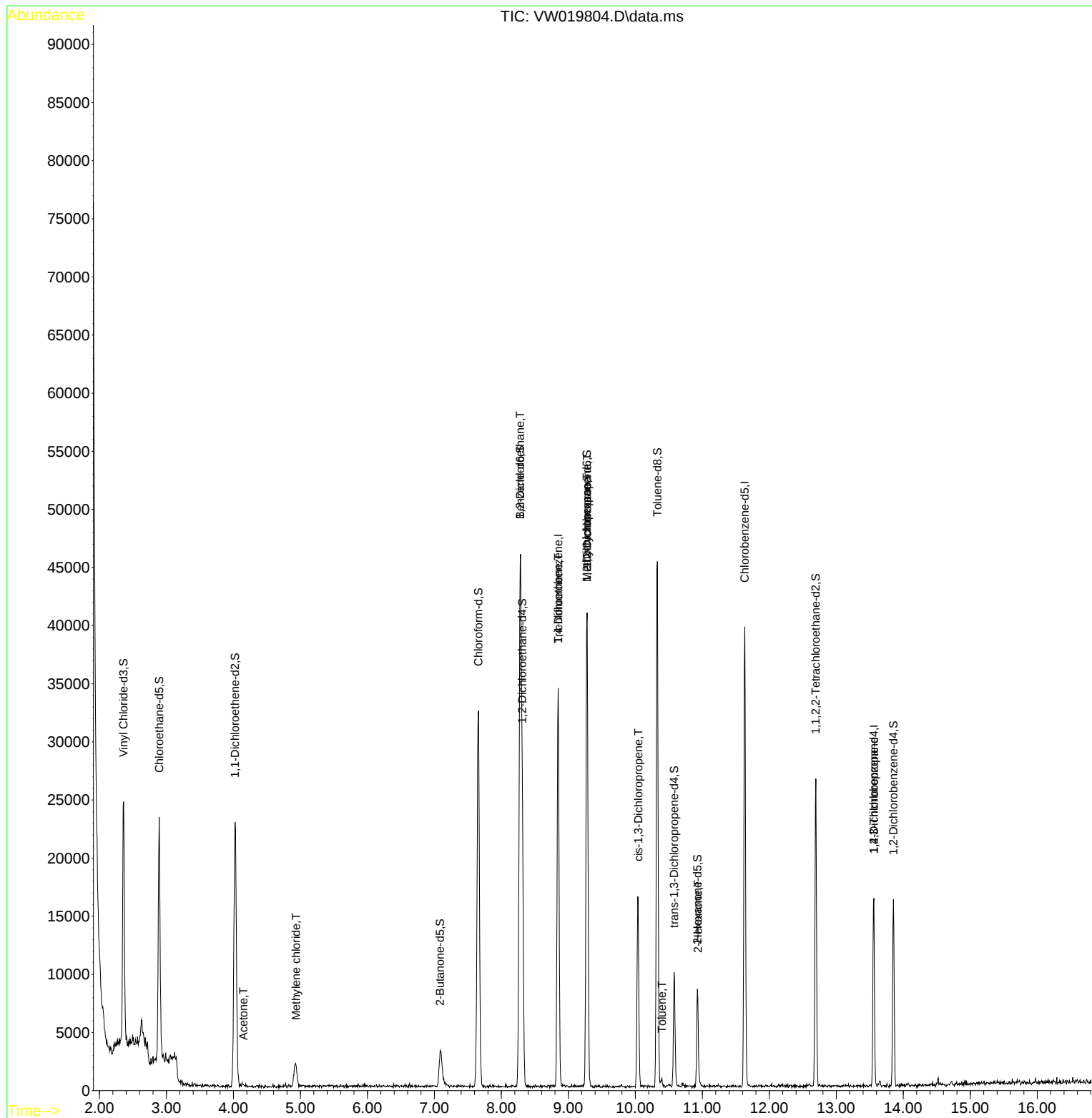
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	27238	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	21699	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	4423	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	21534	51.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 204.120%#	
7) Chloroethane-d5	2.891	69	20797	56.144	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 224.560%#	
11) 1,1-Dichloroethene-d2	4.025	63	21880	29.878	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 119.520%#	
21) 2-Butanone-d5	7.086	46	5961	69.538	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 139.080%#	
24) Chloroform-d	7.659	84	32345	43.179	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 172.720%#	
26) 1,2-Dichloroethane-d4	8.311	65	17765	44.007	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 176.040%#	
32) Benzene-d6	8.281	84	46568	37.639	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 150.560%#	
36) 1,2-Dichloropropane-d6	9.274	67	18532	49.463	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 197.840%#	
41) Toluene-d8	10.329	98	30135	26.579	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.320%	
43) trans-1,3-Dichloroprop...	10.579	79	5552	35.870	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 143.480%#	
47) 2-Hexanone-d5	10.926	63	2719	52.094	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 104.180%	
56) 1,1,2,2-Tetrachloroeth...	12.694	84	12879	42.234	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 168.920%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	3721	24.526	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 98.120%	
Target Compounds						Qvalue
13) Acetone	4.147	43	575	7.858	ug/L	67
16) Methylene chloride	4.934	84	854	1.827	ug/L	79
27) 1,2-Dichloroethane	8.281	62	317	0.684	ug/L #	76
34) Trichloroethene	8.848	95	983	2.839	ug/L #	5
35) Methylcyclohexane	9.274	83	4645	7.822	ug/L #	19
37) 1,2-Dichloropropane	9.280	63	2328	7.058	ug/L #	85
39) cis-1,3-Dichloropropene	10.042	75	403	0.830	ug/L	90
42) Toluene	10.396	91	563	0.399	ug/L	81
48) 2-Hexanone	10.932	43	429	3.514	ug/L #	67
61) 1,2,3-Trichloropropane	13.560	75	632	7.288	ug/L #	54

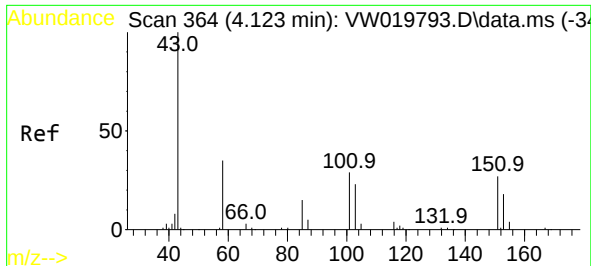
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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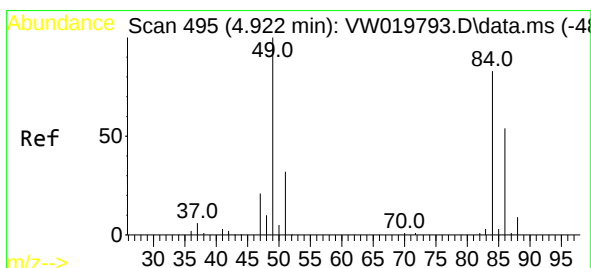
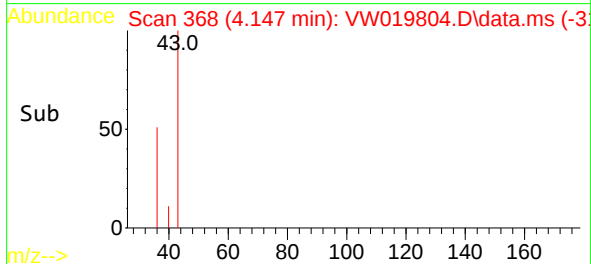
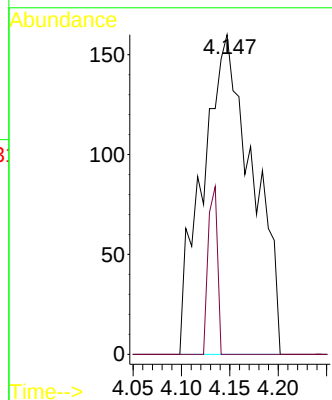
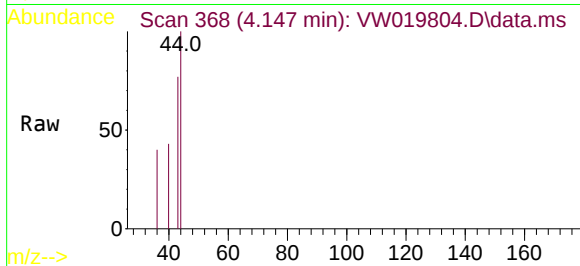




#13
Acetone
Concen: 7.858 ug/L
RT: 4.147 min Scan# 368
Delta R.T. 0.024 min
Lab File: VW019804.D
Acq: 19 Aug 2021 13:26

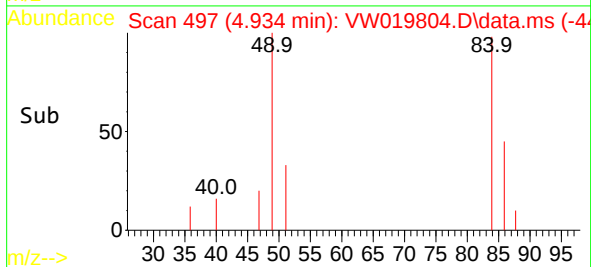
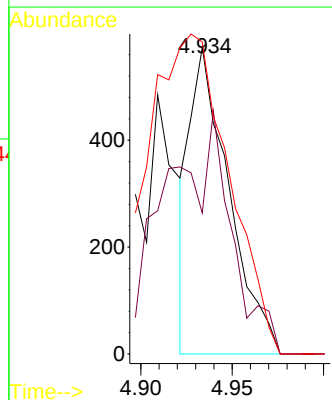
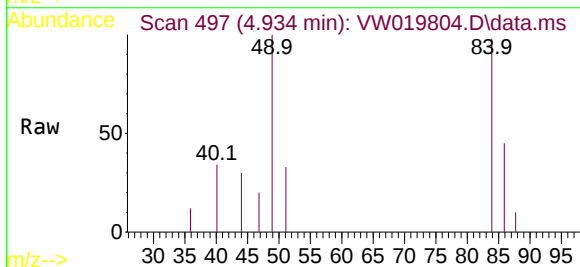
Instrument :
MSVOA_W
ClientSampled :

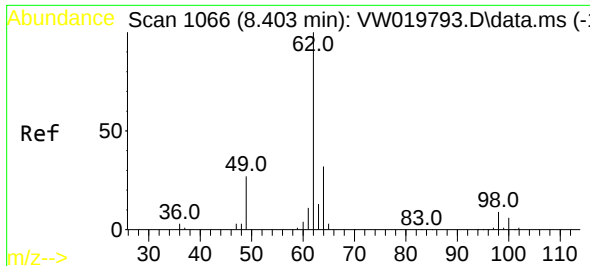
Tgt Ion: 43 Resp: 575
Ion Ratio Lower Upper
43 100
58 9.9 0.0 53.8



#16
Methylene chloride
Concen: 1.827 ug/L
RT: 4.934 min Scan# 497
Delta R.T. 0.012 min
Lab File: VW019804.D
Acq: 19 Aug 2021 13:26

Tgt Ion: 84 Resp: 854
Ion Ratio Lower Upper
84 100
86 46.0 45.3 84.1
49 101.7 86.6 160.8

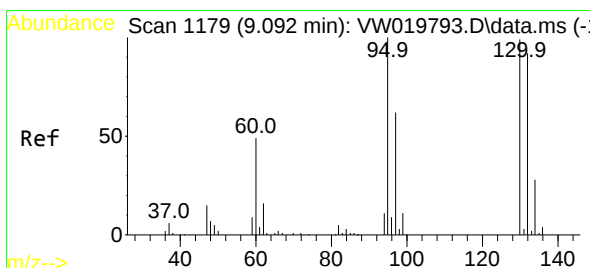
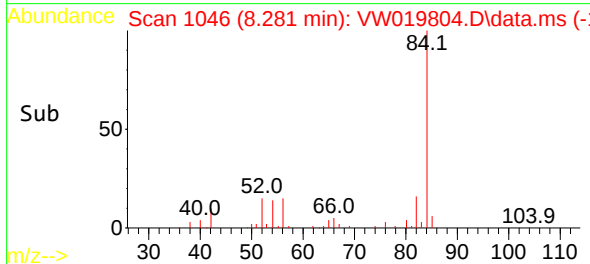
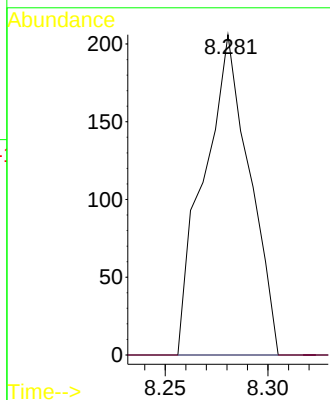
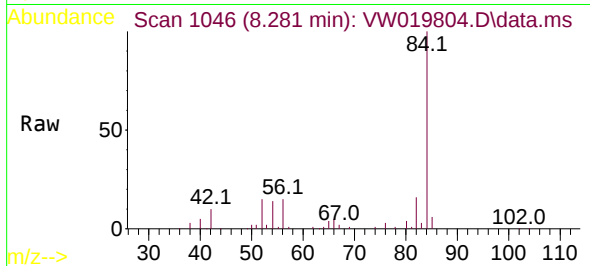




#27
1,2-Dichloroethane
Concen: 0.684 ug/L
RT: 8.281 min Scan# 1046
Delta R.T. -0.122 min
Lab File: VW019804.D
Acq: 19 Aug 2021 13:26

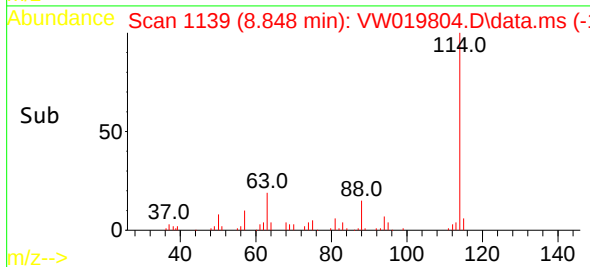
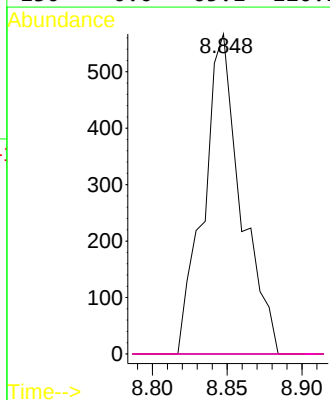
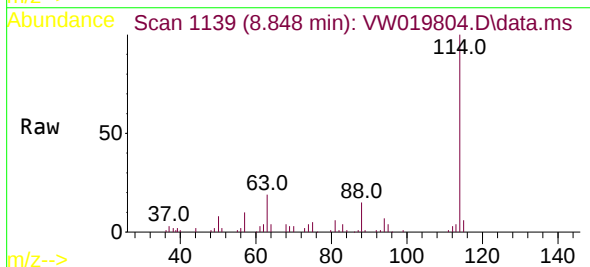
Instrument :
MSVOA_W
ClientSampled :

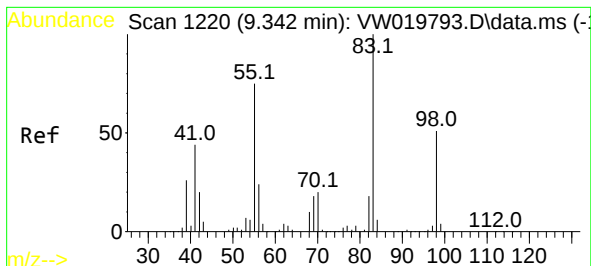
Tgt Ion: 62 Resp: 317
Ion Ratio Lower Upper
62 100
98 0.0 6.9 10.3#



#34
Trichloroethene
Concen: 2.839 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW019804.D
Acq: 19 Aug 2021 13:26

Tgt Ion: 95 Resp: 983
Ion Ratio Lower Upper
95 100
97 0.0 47.3 87.8#
132 0.0 71.0 131.8#
130 0.0 65.1 120.9#

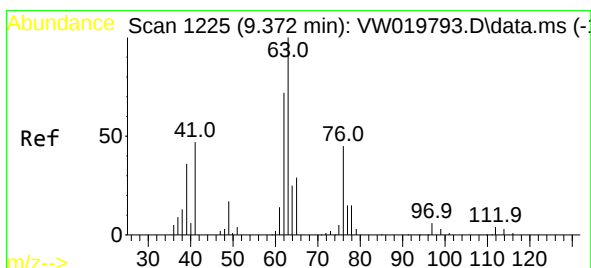
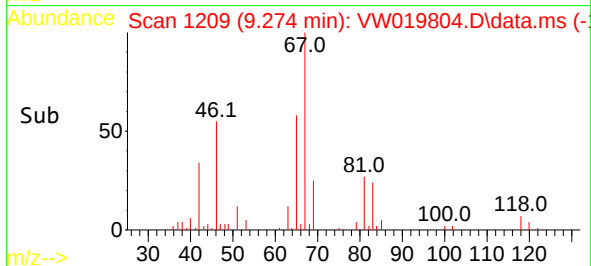
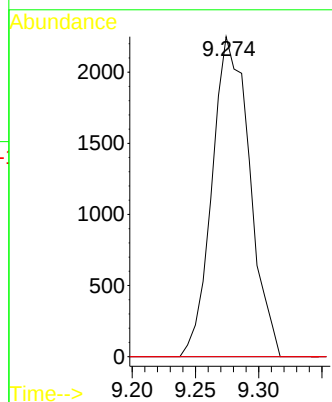
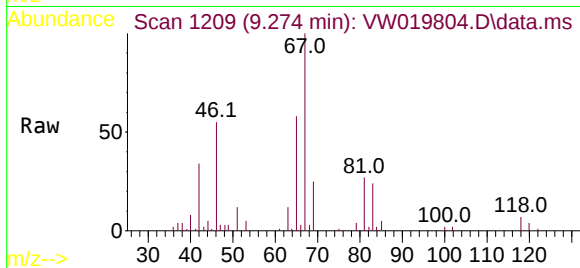




#35
Methylcyclohexane
Concen: 7.822 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.067 min
Lab File: VW019804.D
Acq: 19 Aug 2021 13:26

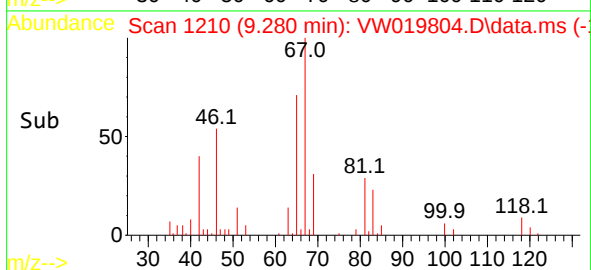
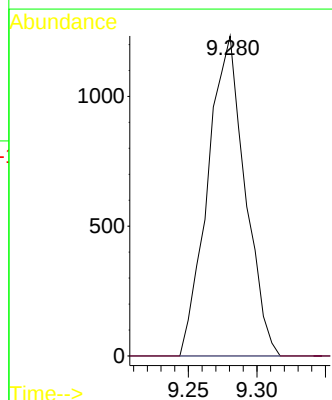
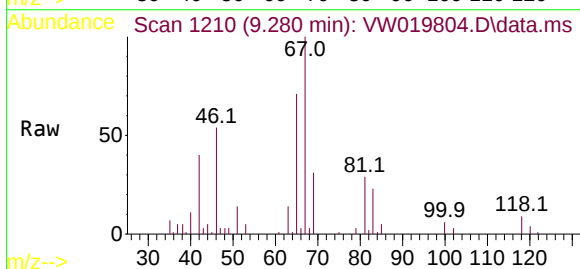
Instrument :
MSVOA_W
ClientSampled :

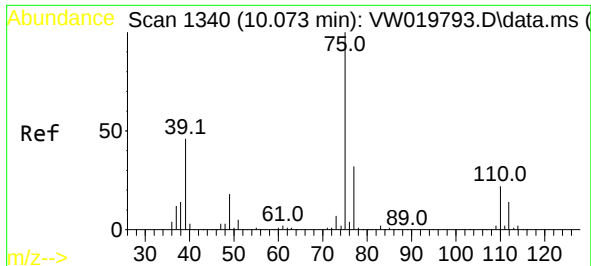
Tgt Ion: 83 Resp: 4645
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 0.0 40.1 60.1#



#37
1,2-Dichloropropane
Concen: 7.058 ug/L
RT: 9.280 min Scan# 1210
Delta R.T. -0.092 min
Lab File: VW019804.D
Acq: 19 Aug 2021 13:26

Tgt Ion: 63 Resp: 2328
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#

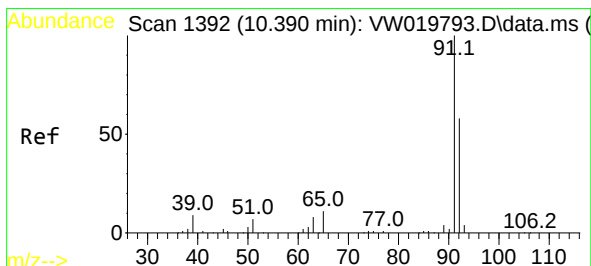
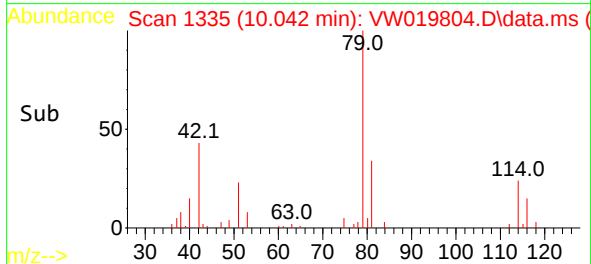
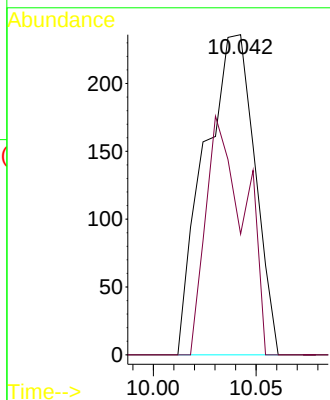
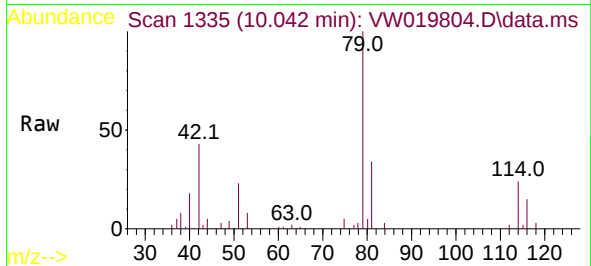




#39
cis-1,3-Dichloropropene
Concen: 0.830 ug/L
RT: 10.042 min Scan# 1335
Delta R.T. -0.031 min
Lab File: VW019804.D
Acq: 19 Aug 2021 13:26

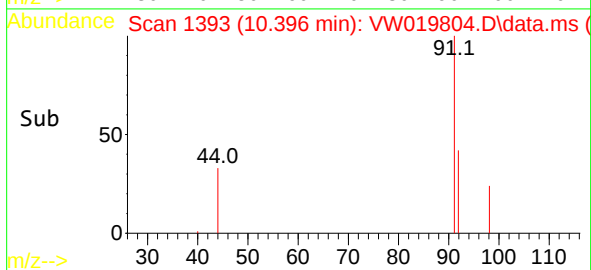
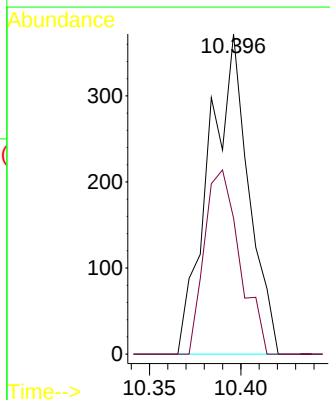
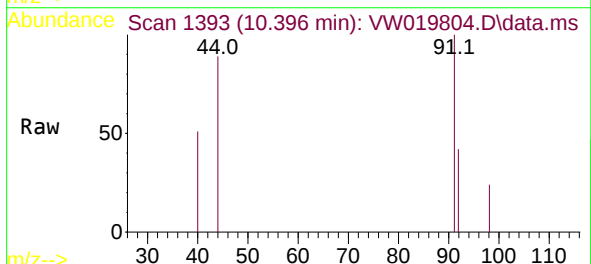
Instrument :
MSVOA_W
ClientSampled :

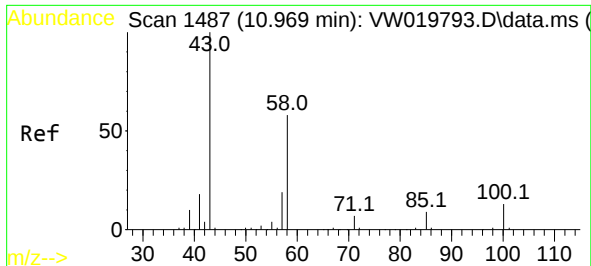
Tgt Ion: 75 Resp: 403
Ion Ratio Lower Upper
75 100
77 37.7 22.6 42.0



#42
Toluene
Concen: 0.399 ug/L
RT: 10.396 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VW019804.D
Acq: 19 Aug 2021 13:26

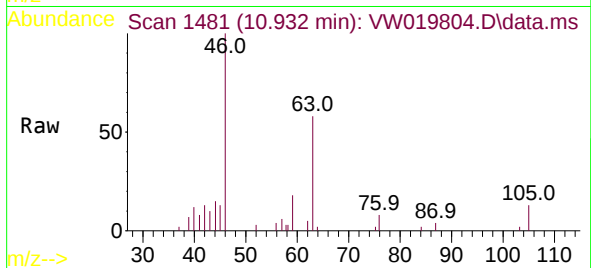
Tgt Ion: 91 Resp: 563
Ion Ratio Lower Upper
91 100
92 42.5 39.5 73.3



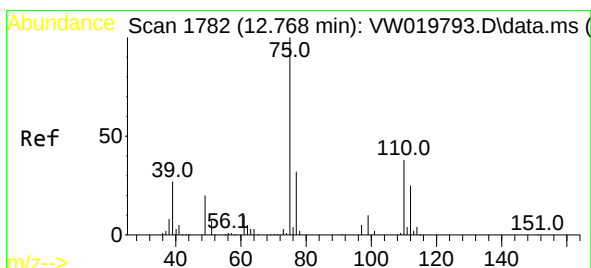
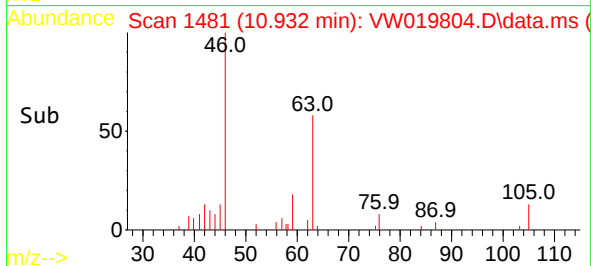
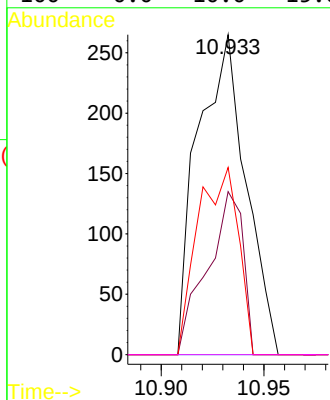


#48
2-Hexanone
Concen: 3.514 ug/L
RT: 10.932 min Scan# 1481
Delta R.T. -0.037 min
Lab File: VW019804.D
Acq: 19 Aug 2021 13:26

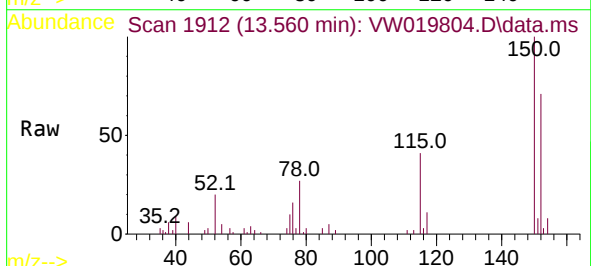
Instrument :
MSVOA_W
ClientSampled :



Tgt Ion:	43	Resp:	429
Ion	Ratio	Lower	Upper
43	100		
58	38.0	42.7	64.1#
57	49.7	15.8	23.8#
100	0.0	10.0	15.0#



#61
1,2,3-Trichloropropane
Concen: 7.288 ug/L
RT: 13.560 min Scan# 1912
Delta R.T. 0.792 min
Lab File: VW019804.D
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Tgt Ion:	75	Resp:	632
Ion	Ratio	Lower	Upper
75	100		
77	19.8	25.3	37.9#
110	0.0	32.6	48.8#

