

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070921\
 Data File : VW019402.D
 Acq On : 09 Jul 2021 17:14
 Operator : SY/VA
 Sample : M2959-06
 Misc : 5.71G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 10 01:02:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 10 00:58:28 2021
 Response via : Initial Calibration

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

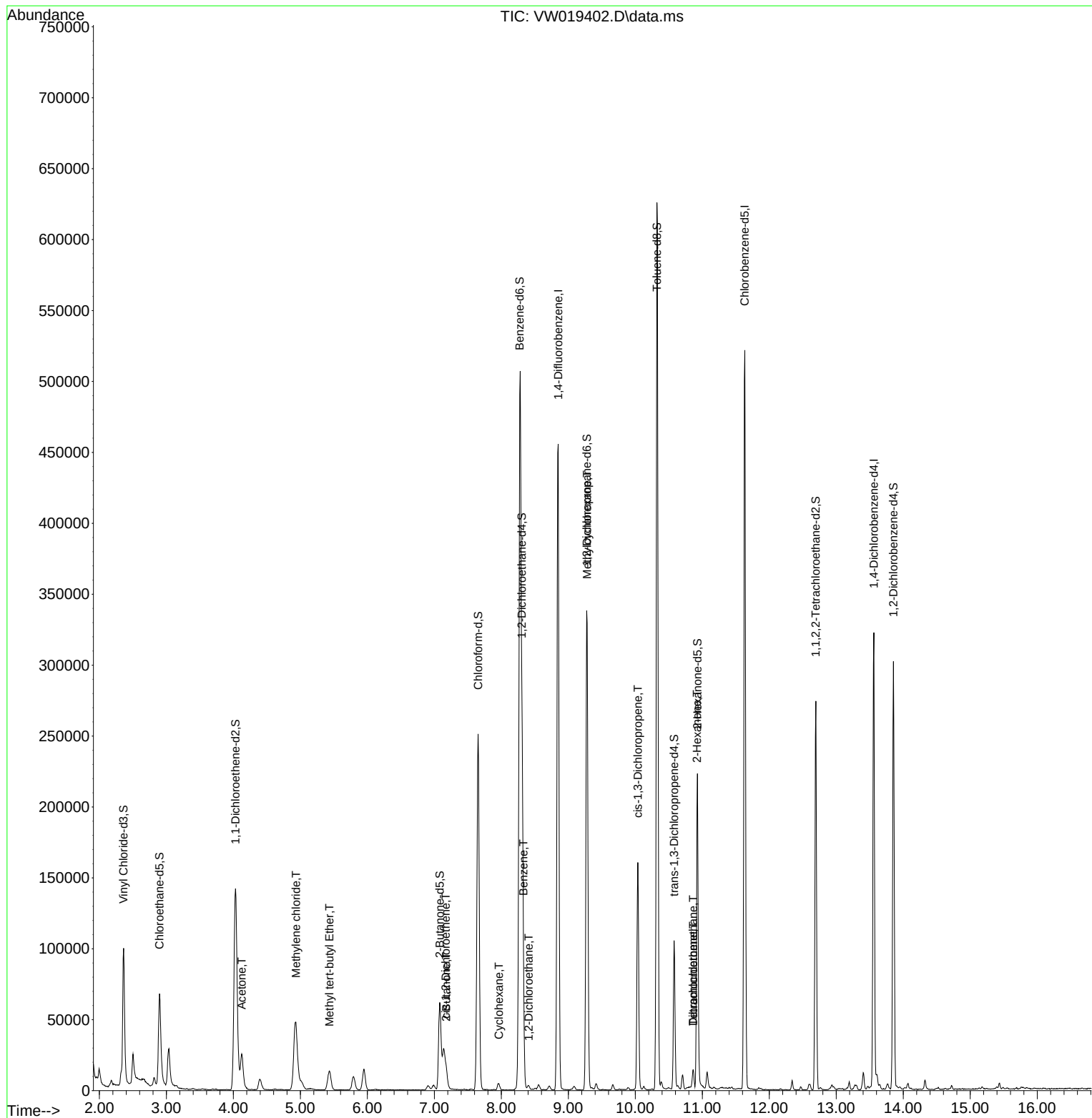
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	387794	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	290910	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	82371	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	109320	19.896	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.600%		
7) Chloroethane-d5	2.898	69	92638	23.643	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.560%		
11) 1,1-Dichloroethene-d2	4.032	63	169168	15.957	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	63.840%		
21) 2-Butanone-d5	7.080	46	106055	66.502	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	133.000%		
24) Chloroform-d	7.653	84	257605	24.041	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.160%		
26) 1,2-Dichloroethane-d4	8.305	65	155971	26.525	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	106.080%		
32) Benzene-d6	8.275	84	520928	30.082	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	120.320%		
36) 1,2-Dichloropropane-d6	9.275	67	167672	31.066	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	124.280%#		
41) Toluene-d8	10.323	98	420018	26.902	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	107.600%		
43) trans-1,3-Dichloroprop...	10.579	79	59126	25.580	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	102.320%		
47) 2-Hexanone-d5	10.927	63	76693	76.591	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	153.180%#		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	139648	32.020	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	128.080%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	78734	27.091	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	108.360%		
Target Compounds					Qvalue	
13) Acetone	4.123	43	36525	31.083	ug/L	93
16) Methylene chloride	4.934	84	43869	5.674	ug/L	95
18) Methyl tert-butyl Ether	5.434	73	20524	2.698	ug/L #	85
20) cis-1,2-Dichloroethene	7.171	96	3603	0.619	ug/L	83
22) 2-Butanone	7.177	43	10466	5.756	ug/L	95
27) 1,2-Dichloroethane	8.409	62	2846	0.423	ug/L #	89
29) Cyclohexane	7.964	56	2054	0.275	ug/L	98
33) Benzene	8.330	78	33348	1.831	ug/L	100
35) Methylcyclohexane	9.281	83	39278	4.776	ug/L #	20
39) cis-1,3-Dichloropropene	10.037	75	3765	0.534	ug/L #	64
46) Tetrachloroethene	10.866	164	3067	0.866	ug/L	88
48) 2-Hexanone	10.921	43	8262	4.165	ug/L #	69
49) Dibromochloromethane	10.866	129	2797	0.758	ug/L #	13

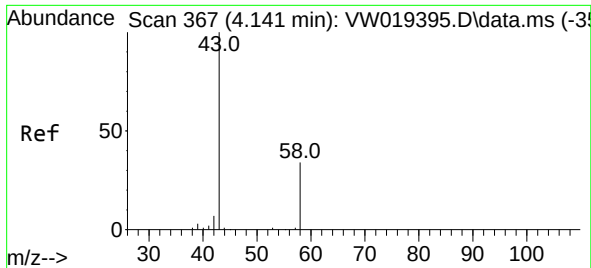
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Jul 10 00:58:28 2021
Response via : Initial Calibration

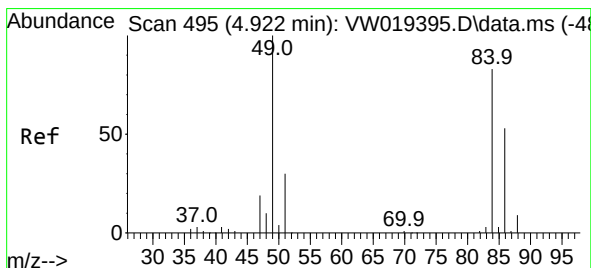
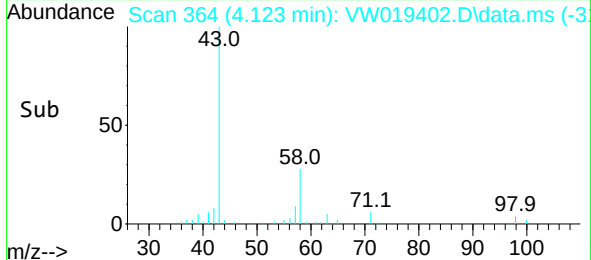
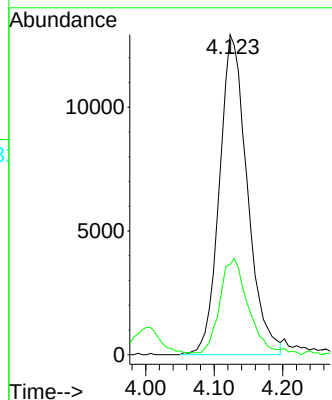
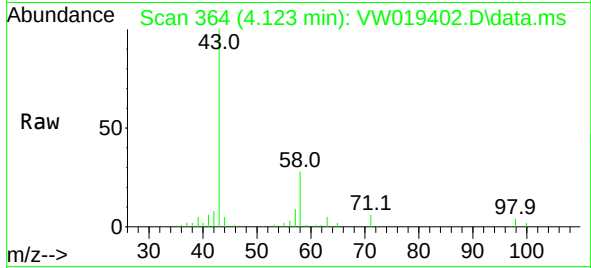




#13
Acetone
Concen: 31.083 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.018 min
Lab File: VW019402.D
Acq: 09 Jul 2021 17:14

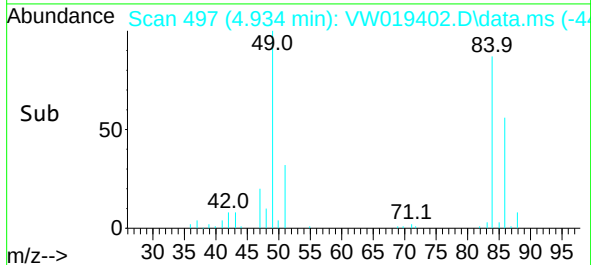
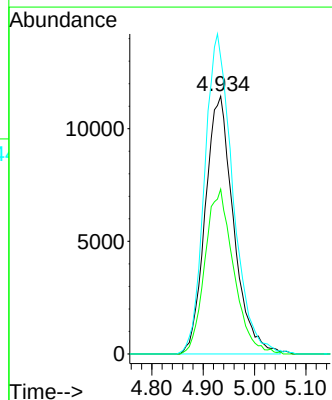
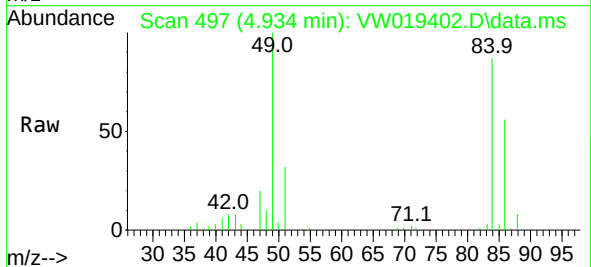
Instrument :
MSVOA_W
ClientSampled :

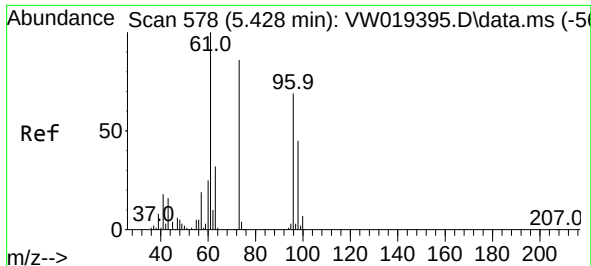
Tgt Ion: 43 Resp: 36525
Ion Ratio Lower Upper
43 100
58 30.5 0.0 53.8



#16
Methylene chloride
Concen: 5.674 ug/L
RT: 4.934 min Scan# 497
Delta R.T. 0.012 min
Lab File: VW019402.D
Acq: 09 Jul 2021 17:14

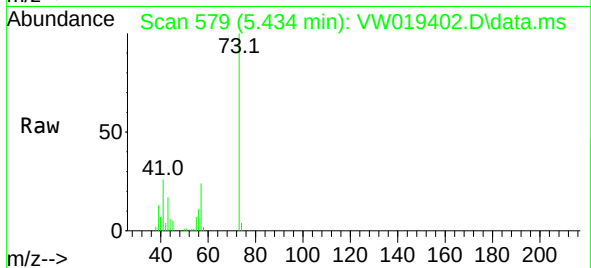
Tgt Ion: 84 Resp: 43869
Ion Ratio Lower Upper
84 100
86 64.0 45.3 84.1
49 115.0 86.6 160.8



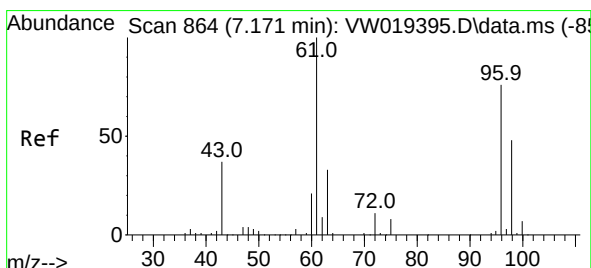
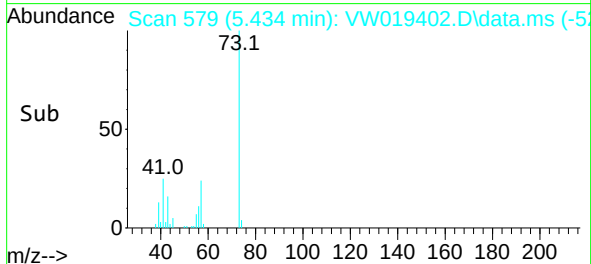
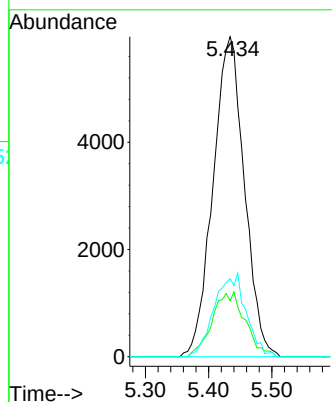


#18
Methyl tert-butyl Ether
Concen: 2.698 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW019402.D
Acq: 09 Jul 2021 17:14

Instrument :
MSVOA_W
ClientSampled :

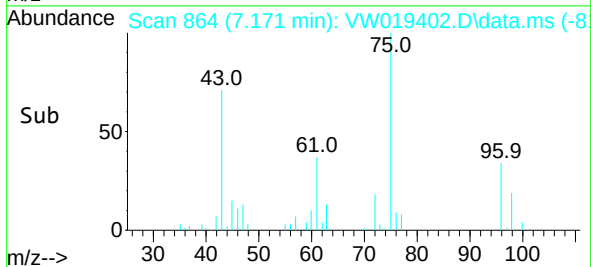
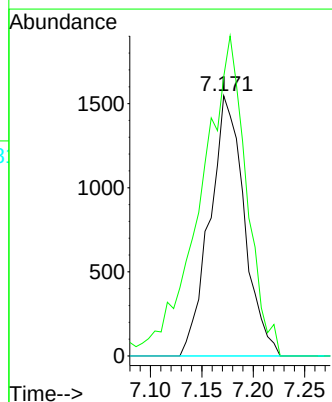
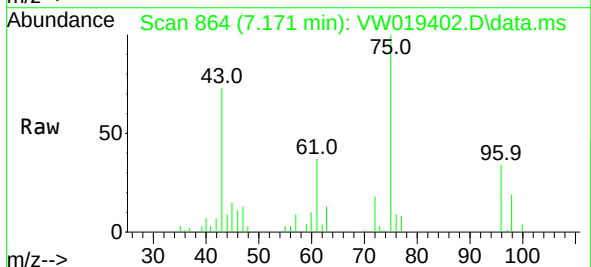


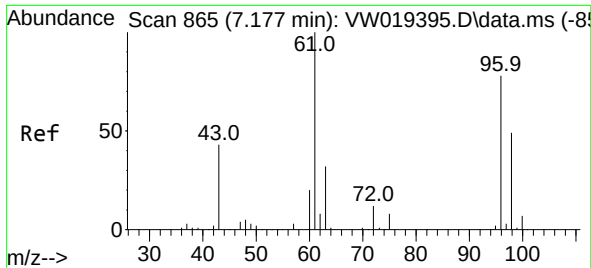
Tgt Ion: 73 Resp: 20524
Ion Ratio Lower Upper
73 100
43 12.2 17.7 26.5#
57 16.9 17.0 25.4#



#20
cis-1,2-Dichloroethene
Concen: 0.619 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW019402.D
Acq: 09 Jul 2021 17:14

Tgt Ion: 96 Resp: 3603
Ion Ratio Lower Upper
96 100
61 107.4 88.5 164.3
68 0.0 0.0 0.0

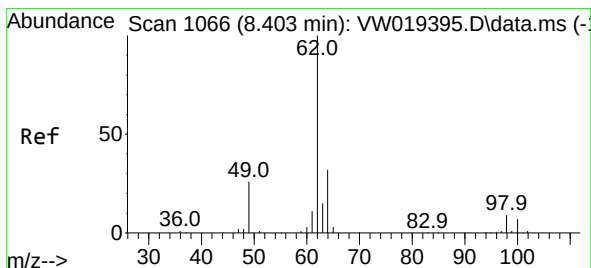
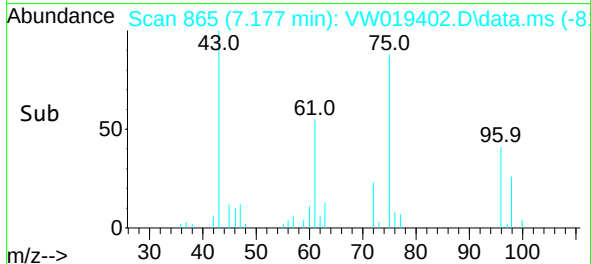
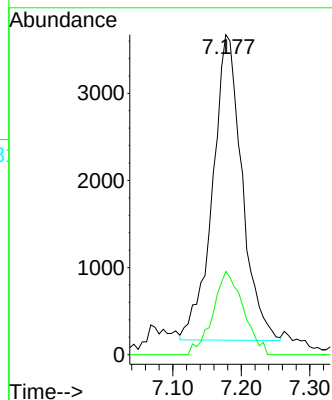
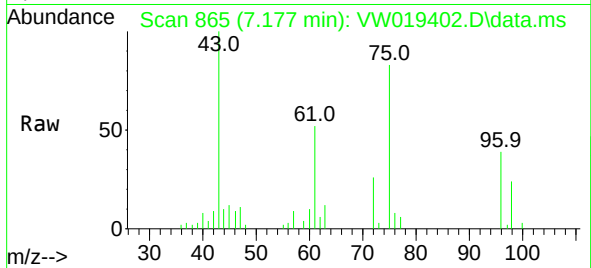




#22
2-Butanone
Concen: 5.756 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW019402.D
Acq: 09 Jul 2021 17:14

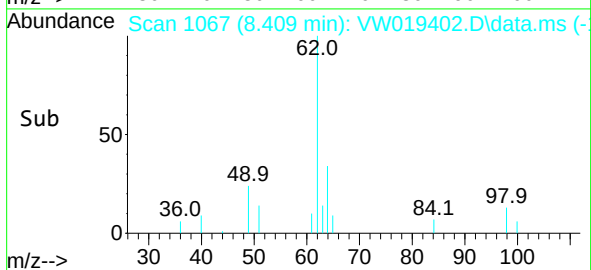
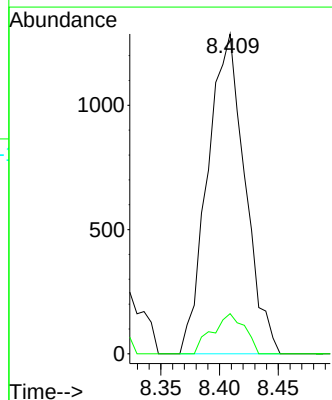
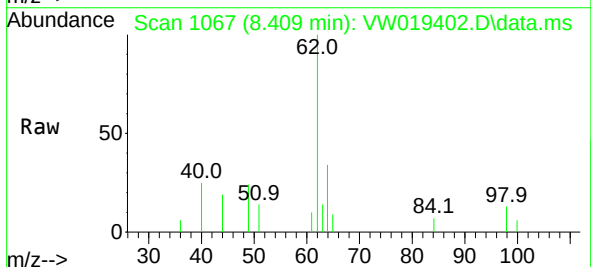
Instrument :
MSVOA_W
ClientSampled :

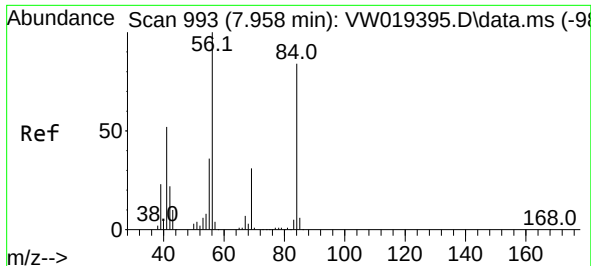
Tgt Ion: 43 Resp: 10466
Ion Ratio Lower Upper
43 100
72 27.4 14.9 44.7



#27
1,2-Dichloroethane
Concen: 0.423 ug/L
RT: 8.409 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VW019402.D
Acq: 09 Jul 2021 17:14

Tgt Ion: 62 Resp: 2846
Ion Ratio Lower Upper
62 100
98 12.6 6.9 10.3#





#29

Cyclohexane

Concen: 0.275 ug/L

RT: 7.964 min Scan# 994

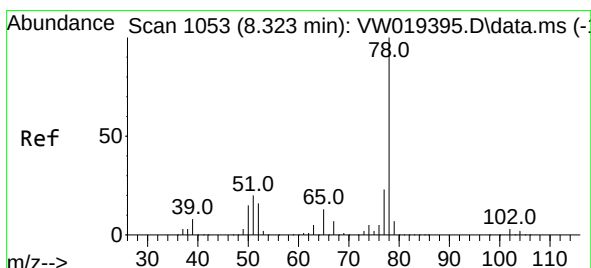
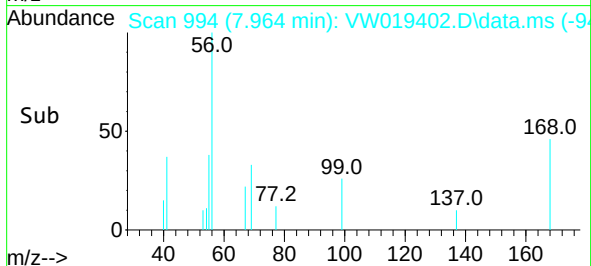
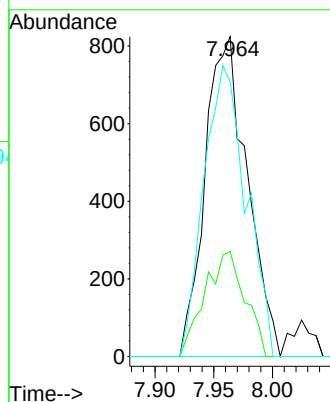
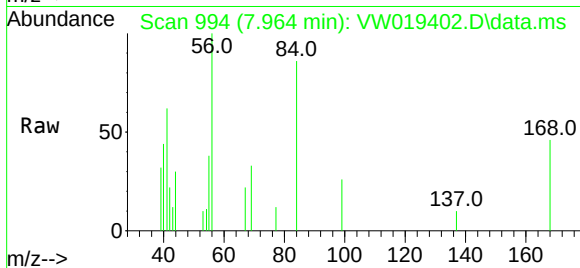
Delta R.T. 0.006 min

Lab File: VW019402.D

Acq: 09 Jul 2021 17:14

Tgt Ion:	56	Resp:	2054
Ion Ratio	Lower	Upper	
56	100		
69	31.4	24.5	36.7
84	91.5	75.0	112.4

Instrument :
MSVOA_W
ClientSampleId :



#33

Benzene

Concen: 1.831 ug/L

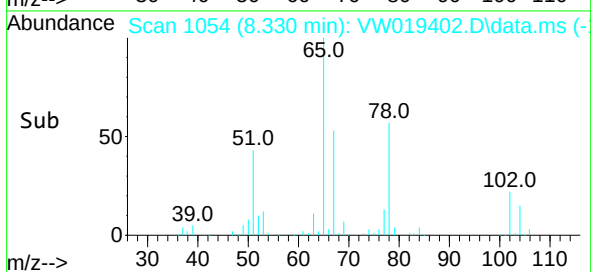
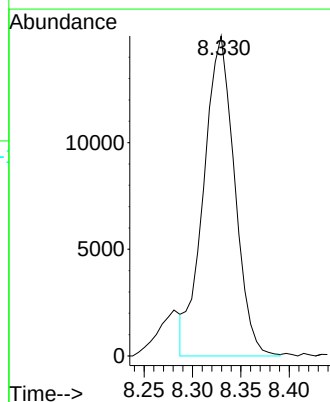
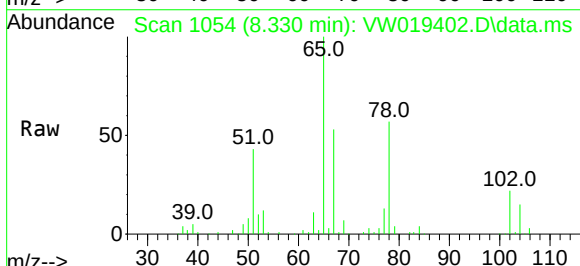
RT: 8.330 min Scan# 1054

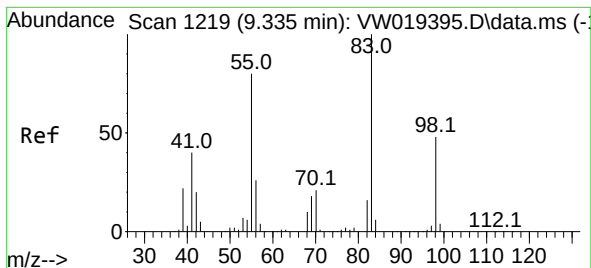
Delta R.T. 0.006 min

Lab File: VW019402.D

Acq: 09 Jul 2021 17:14

Tgt Ion: 78 Resp: 33348





#35

Methylcyclohexane

Concen: 4.776 ug/L

RT: 9.281 min Scan# 1210

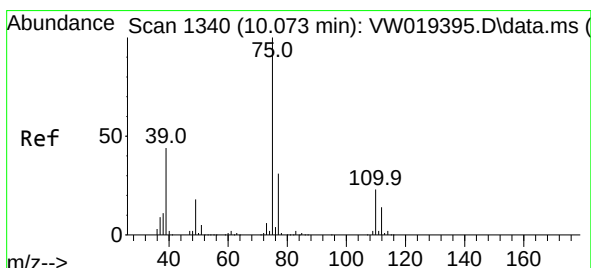
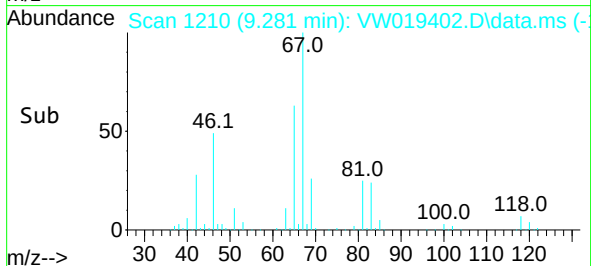
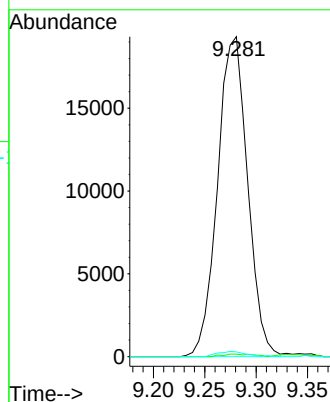
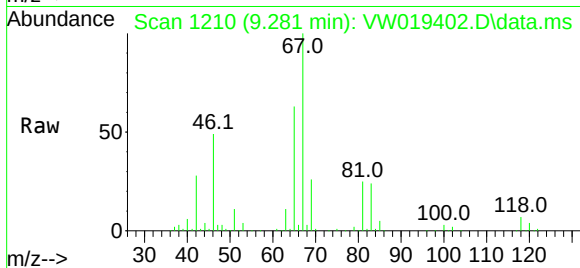
Delta R.T. -0.055 min

Lab File: VW019402.D

Acq: 09 Jul 2021 17:14

Tgt Ion: 83	Resp: 39278
Ion Ratio	Lower Upper
83	100
55	0.8 58.9 88.3#
98	1.5 40.1 60.1#

Instrument :
MSVOA_W
ClientSampled :



#39

cis-1,3-Dichloropropene

Concen: 0.534 ug/L

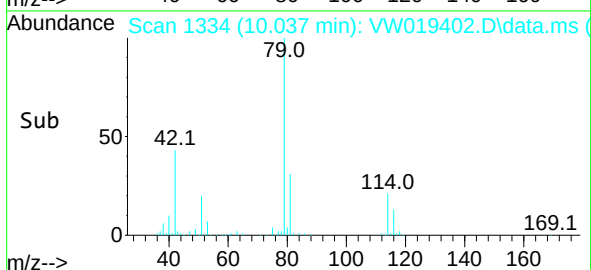
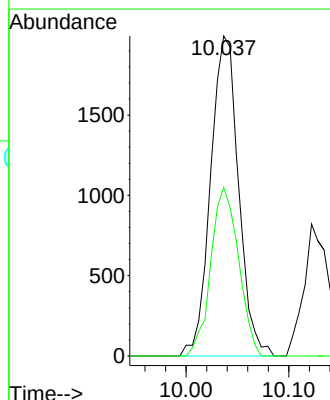
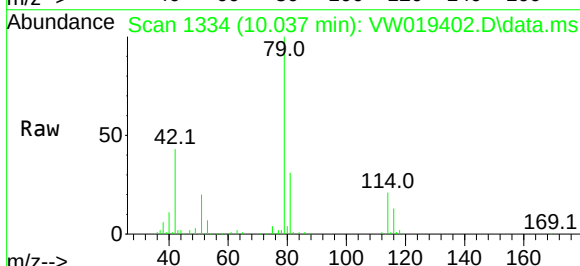
RT: 10.037 min Scan# 1334

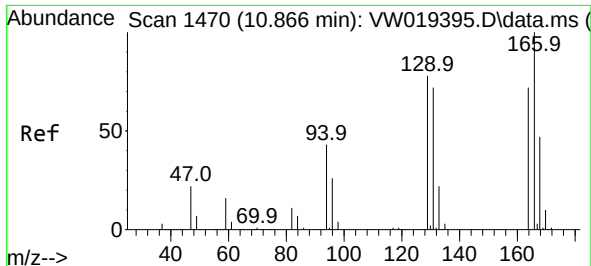
Delta R.T. -0.036 min

Lab File: VW019402.D

Acq: 09 Jul 2021 17:14

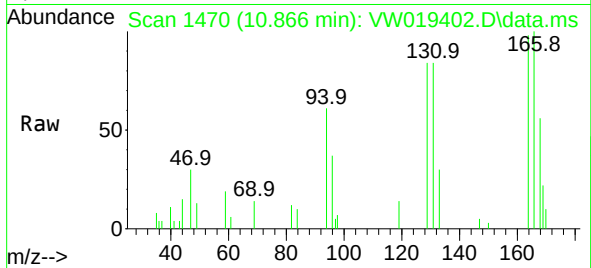
Tgt Ion: 75	Resp: 3765
Ion Ratio	Lower Upper
75	100
77	52.6 22.6 42.0#



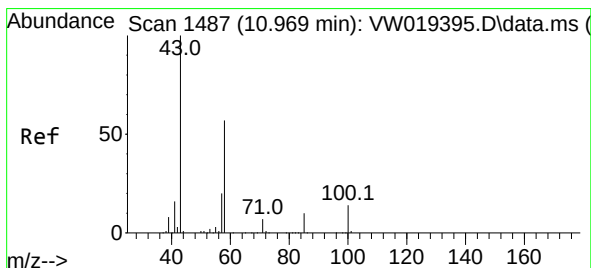
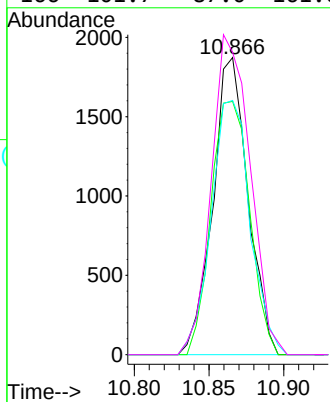
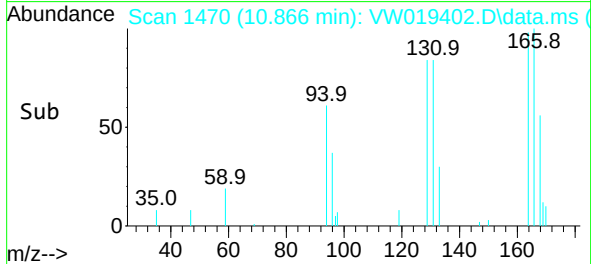


#46
Tetrachloroethene
Concen: 0.866 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW019402.D
Acq: 09 Jul 2021 17:14

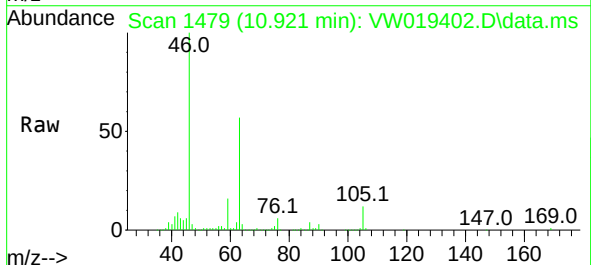
Instrument :
MSVOA_W
ClientSampled :



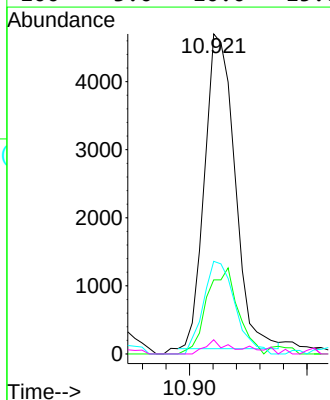
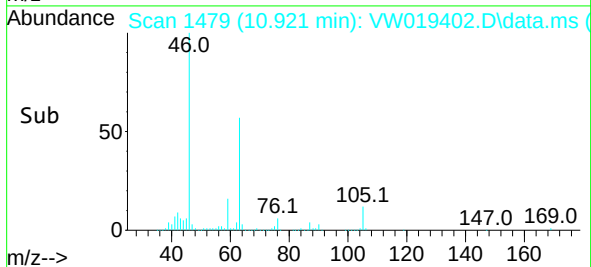
Tgt Ion:164 Resp: 3067
Ion Ratio Lower Upper
164 100
129 85.2 66.7 123.9
131 85.5 61.1 113.5
166 101.7 87.0 161.6

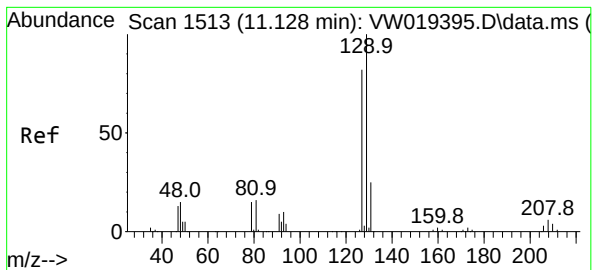


#48
2-Hexanone
Concen: 4.165 ug/L
RT: 10.921 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW019402.D
Acq: 09 Jul 2021 17:14



Tgt Ion: 43 Resp: 8262
Ion Ratio Lower Upper
43 100
58 28.2 42.7 64.1#
57 30.9 15.8 23.8#
100 3.0 10.0 15.0#





#49
Dibromochloromethane
Concen: 0.758 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.262 min
Lab File: VW019402.D
Acq: 09 Jul 2021 17:14

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:129 Resp: 2797
Ion Ratio Lower Upper
129 100
127 0.0 51.7 95.9#

