

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020347.D
 Acq On : 07 Oct 2021 05:27
 Operator : SY/VA
 Sample : M4000-22
 Misc : 4.66g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

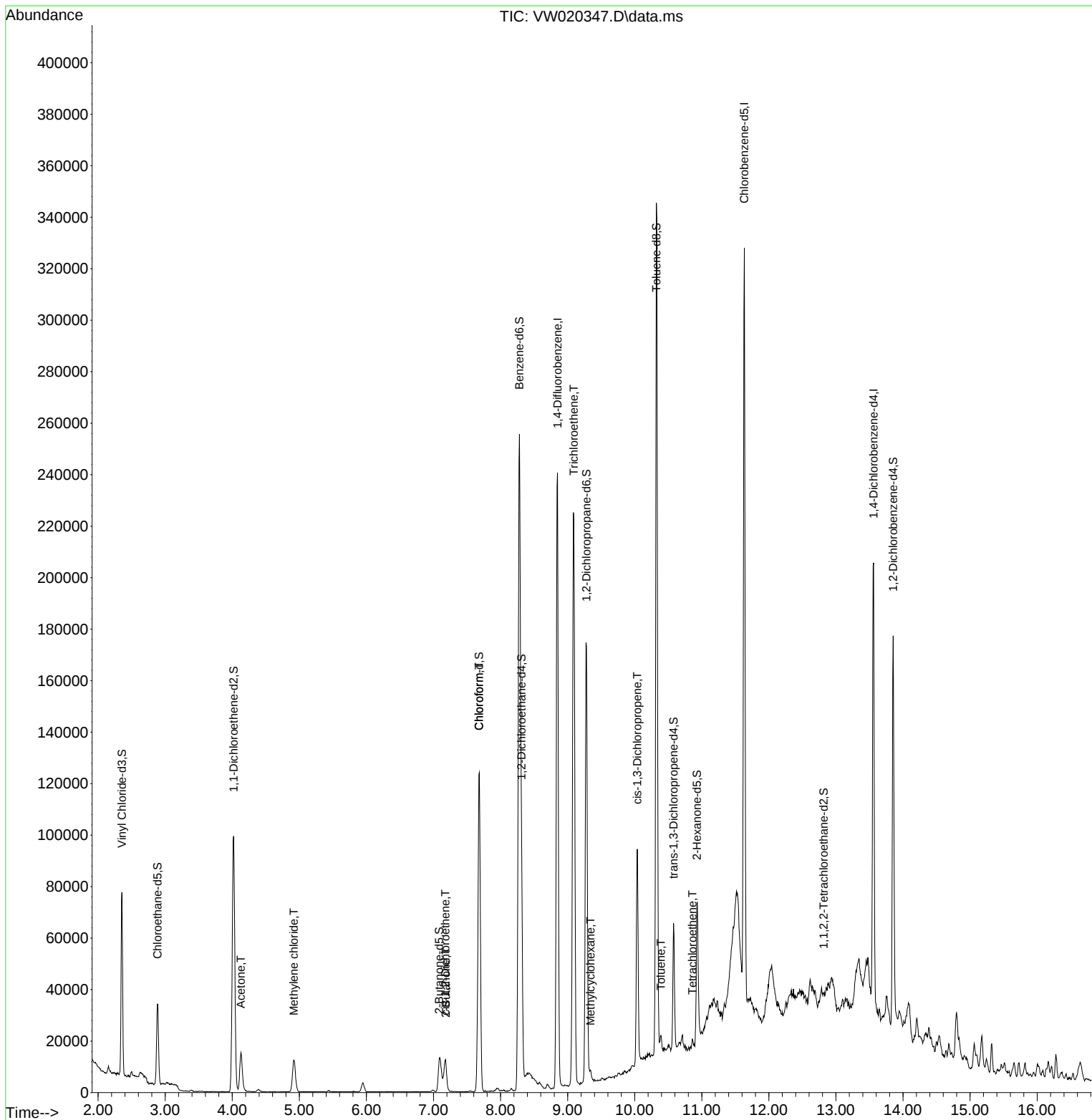
Quant Time: Oct 07 07:54:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 07 05:04:04 2021
 Response via : Initial Calibration

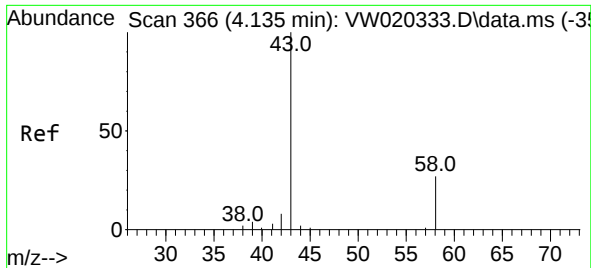
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	186846	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	148984	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	44980	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	66086	25.663	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.640%	
7) Chloroethane-d5	2.885	69	33347	29.886	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 119.560%	
11) 1,1-Dichloroethene-d2	4.019	63	101721	19.182	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 76.720%	
21) 2-Butanone-d5	7.086	46	20859	31.886	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 63.780%	
24) Chloroform-d	7.677	84	7119	1.327	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	= 5.320%#	
26) 1,2-Dichloroethane-d4	8.311	65	67976	23.151	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 92.600%	
32) Benzene-d6	8.281	84	250580	27.779	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 111.120%	
36) 1,2-Dichloropropane-d6	9.281	67	80032	27.972	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 111.880%	
41) Toluene-d8	10.323	98	209299	25.618	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 102.480%	
43) trans-1,3-Dichloroprop...	10.579	79	25710	22.084	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 88.320%	
47) 2-Hexanone-d5	10.927	63	12680	32.064	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 64.120%	
56) 1,1,2,2-Tetrachloroeth...	12.817	84	47	0.024	ug/L	0.12
Spiked Amount	25.000	Range	45 - 120	Recovery	= 0.080%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	36892	23.423	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 93.680%	
Target Compounds						Qvalue
13) Acetone	4.129	43	26969	40.102	ug/L	98
16) Methylene chloride	4.916	84	8747	2.622	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	5489	1.972	ug/L	95
22) 2-Butanone	7.183	43	4598	5.561	ug/L #	73
25) Chloroform	7.677	83	117651	22.725	ug/L	98
34) Trichloroethene	9.092	95	53799	21.108	ug/L	98
35) Methylcyclohexane	9.342	83	1295	0.291	ug/L	91
39) cis-1,3-Dichloropropene	10.037	75	2026	0.555	ug/L #	46
42) Toluene	10.390	91	4775	0.458	ug/L	89
46) Tetrachloroethene	10.860	164	742	0.396	ug/L #	56

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 07 05:04:04 2021
Response via : Initial Calibration

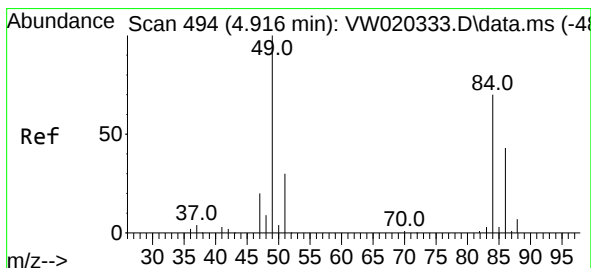
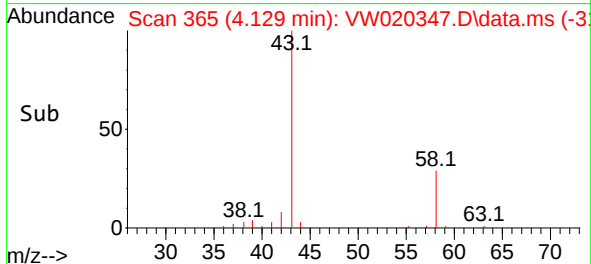
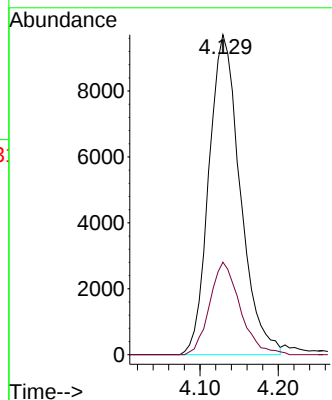
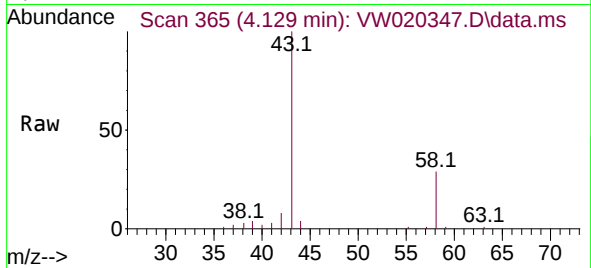




#13
Acetone
Concen: 40.102 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.006 min
Lab File: VW020347.D
Acq: 07 Oct 2021 05:27

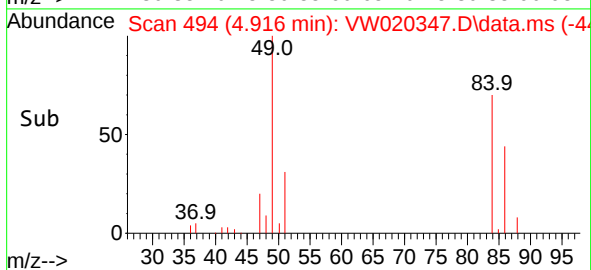
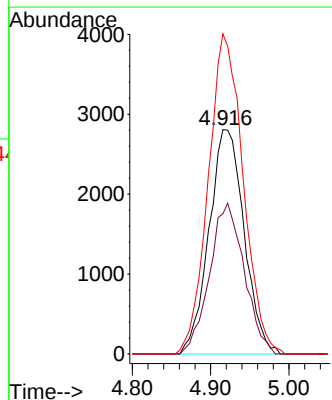
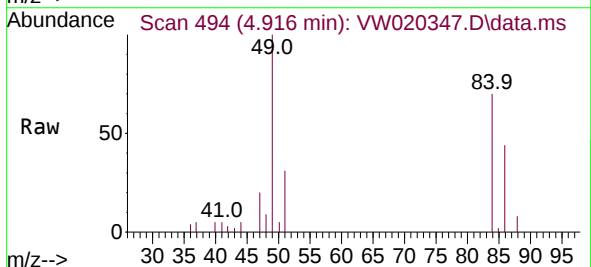
Instrument :
MSVOA_W
ClientSampled :

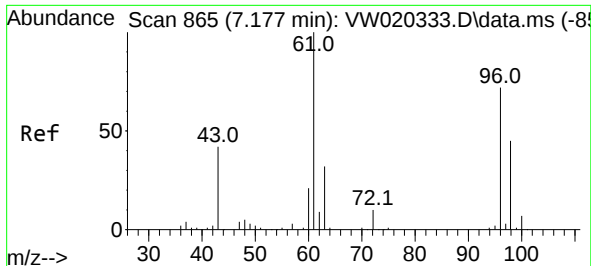
Tgt Ion: 43 Resp: 26969
Ion Ratio Lower Upper
43 100
58 28.2 0.0 58.4



#16
Methylene chloride
Concen: 2.622 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020347.D
Acq: 07 Oct 2021 05:27

Tgt Ion: 84 Resp: 8747
Ion Ratio Lower Upper
84 100
86 62.5 44.7 83.1
49 142.6 101.7 188.9



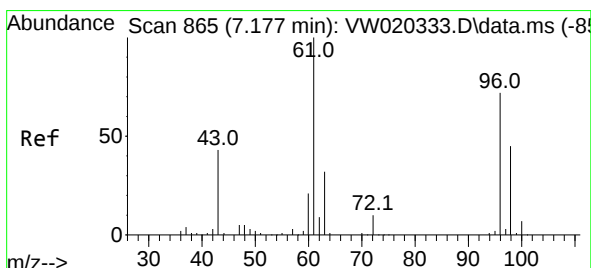
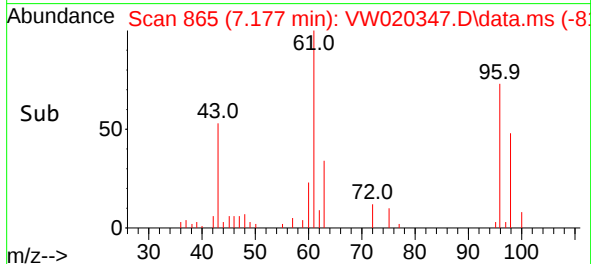
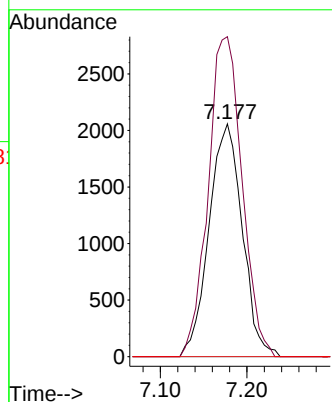
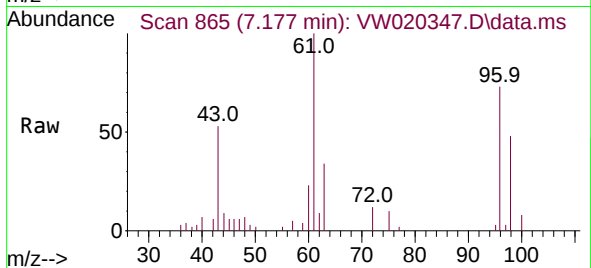


#20
 cis-1,2-Dichloroethene
 Concen: 1.972 ug/L
 RT: 7.177 min Scan# 865
 Delta R.T. 0.000 min
 Lab File: VW020347.D
 Acq: 07 Oct 2021 05:27

Instrument :
 MSVOA_W
 ClientSampled :

Tgt Ion: 96 Resp: 5489

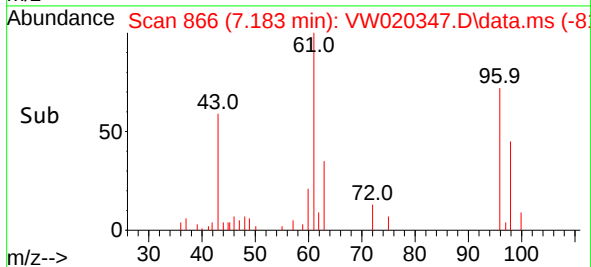
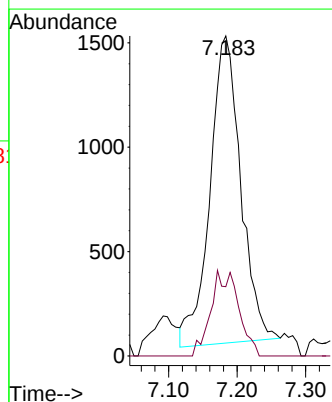
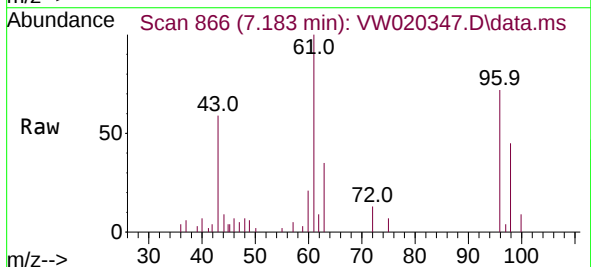
Ion	Ratio	Lower	Upper
96	100		
61	137.5	100.3	186.3
68	0.0	0.0	0.0

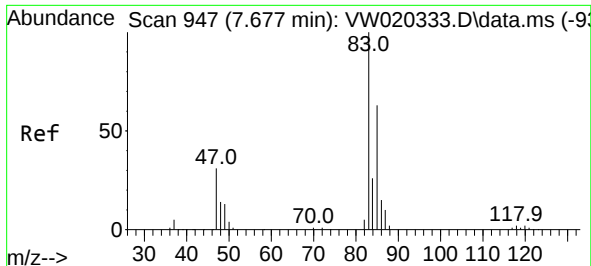


#22
 2-Butanone
 Concen: 5.561 ug/L
 RT: 7.183 min Scan# 866
 Delta R.T. 0.006 min
 Lab File: VW020347.D
 Acq: 07 Oct 2021 05:27

Tgt Ion: 43 Resp: 4598

Ion	Ratio	Lower	Upper
43	100		
72	10.9	12.2	36.6#

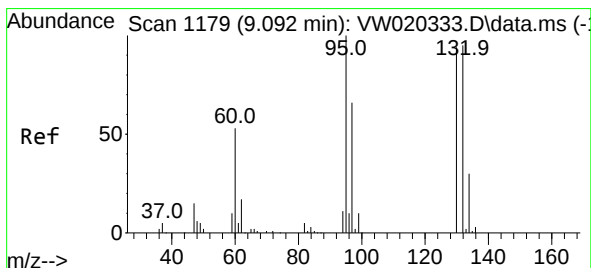
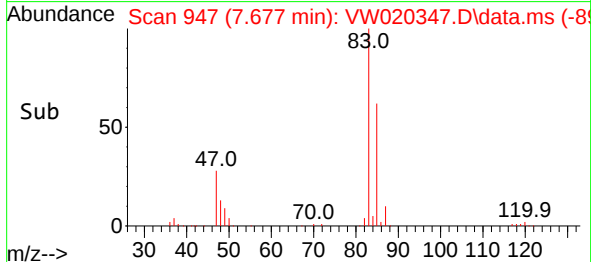
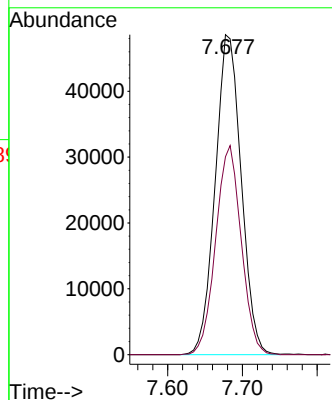
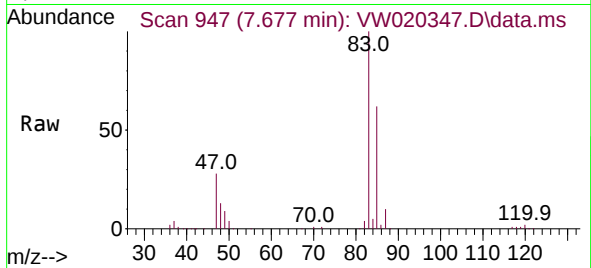




#25
Chloroform
Concen: 22.725 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW020347.D
Acq: 07 Oct 2021 05:27

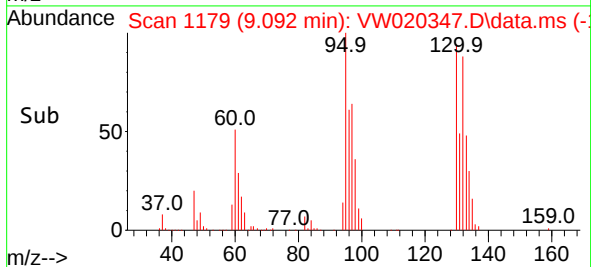
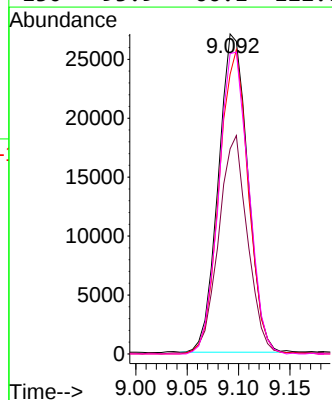
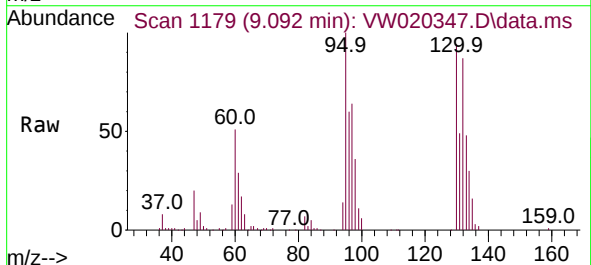
Instrument :
MSVOA_W
ClientSampled :

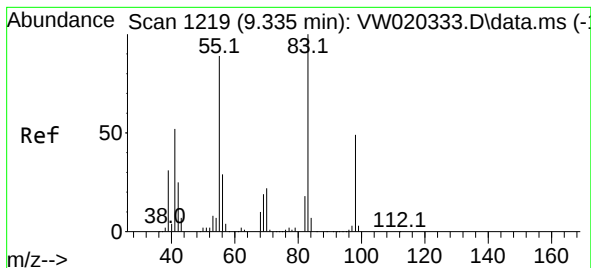
Tgt Ion: 83 Resp: 117651
Ion Ratio Lower Upper
83 100
85 61.8 44.6 82.8



#34
Trichloroethene
Concen: 21.108 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020347.D
Acq: 07 Oct 2021 05:27

Tgt Ion: 95 Resp: 53799
Ion Ratio Lower Upper
95 100
97 64.1 43.2 80.2
132 87.4 62.3 115.7
130 93.9 66.1 122.7





#35

Methylcyclohexane

Concen: 0.291 ug/L

RT: 9.342 min Scan# 1220

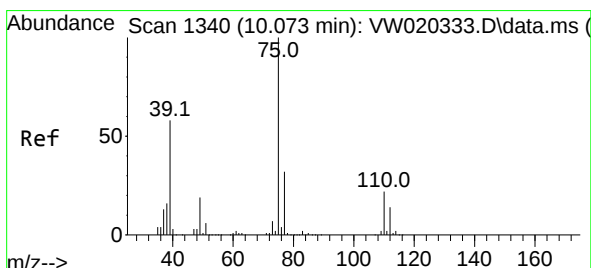
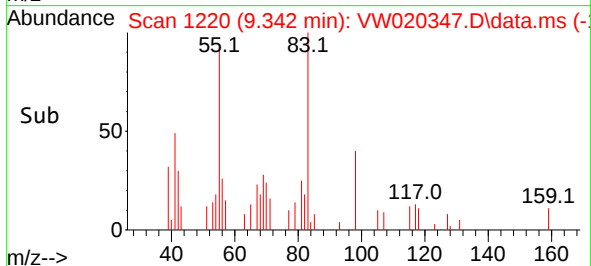
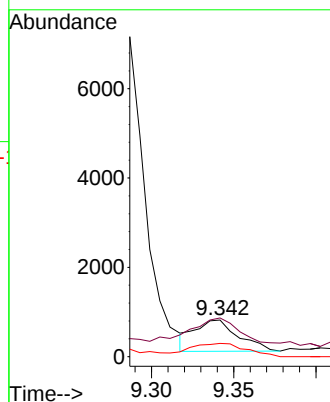
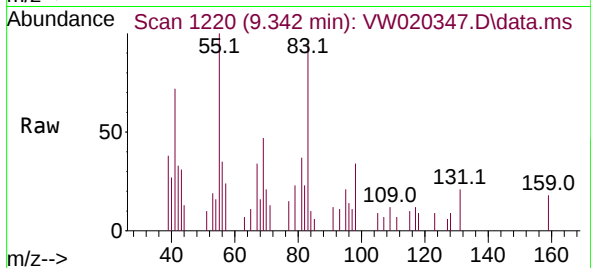
Delta R.T. 0.006 min

Lab File: VW020347.D

Acq: 07 Oct 2021 05:27

Tgt Ion:	83	Resp:	1295
Ion	Ratio	Lower	Upper
83	100		
55	96.0	69.7	104.5
98	53.9	38.2	57.2

Instrument :
MSVOA_W
ClientSampleId :



#39

cis-1,3-Dichloropropene

Concen: 0.555 ug/L

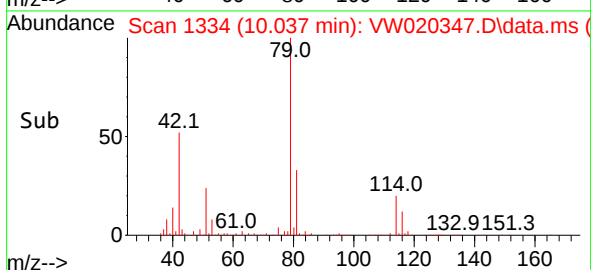
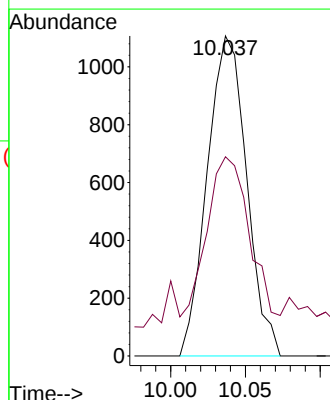
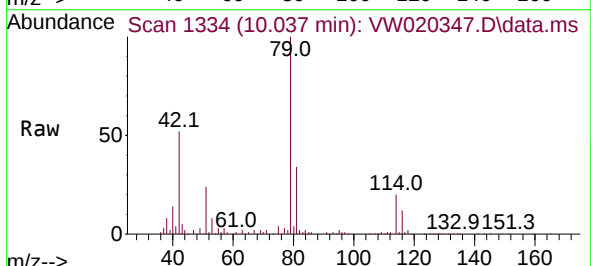
RT: 10.037 min Scan# 1334

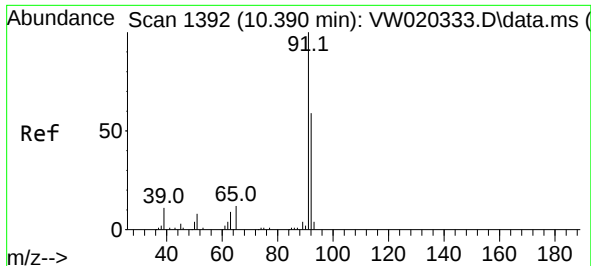
Delta R.T. -0.037 min

Lab File: VW020347.D

Acq: 07 Oct 2021 05:27

Tgt Ion:	75	Resp:	2026
Ion	Ratio	Lower	Upper
75	100		
77	62.2	22.4	41.6#

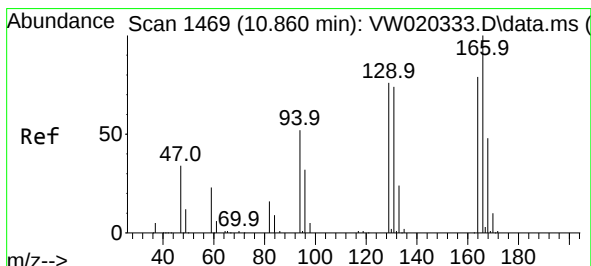
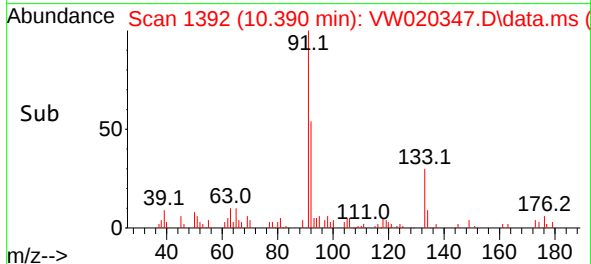
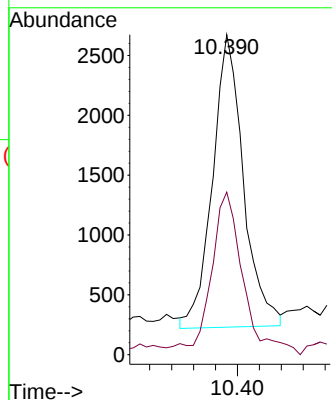
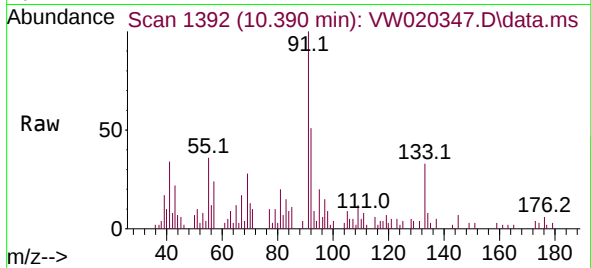




#42
Toluene
Concen: 0.458 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020347.D
Acq: 07 Oct 2021 05:27

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 91 Resp: 4775
Ion Ratio Lower Upper
91 100
92 50.8 41.5 77.1



#46
Tetrachloroethene
Concen: 0.396 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW020347.D
Acq: 07 Oct 2021 05:27

Tgt Ion: 164 Resp: 742
Ion Ratio Lower Upper
164 100
129 161.6 69.1 128.3#
131 134.8 58.3 108.3#
166 106.4 90.4 168.0

