

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020361.D
 Acq On : 07 Oct 2021 12:52
 Operator : SY/VA
 Sample : M4001-07RE
 Misc : 6.99g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 08 05:57:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 08 05:56:34 2021
 Response via : Initial Calibration

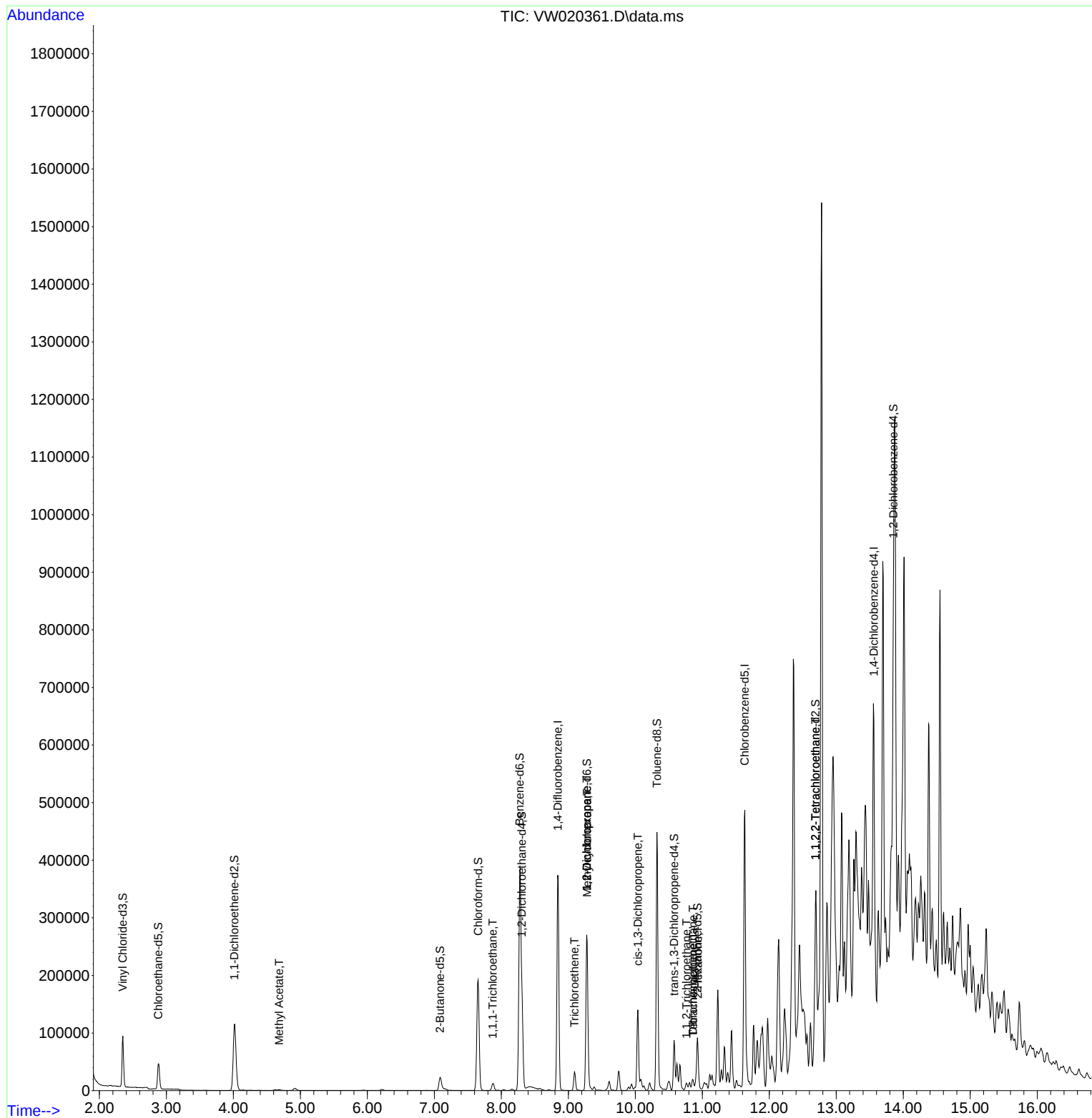
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	292372	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	255723	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	118706	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	84706	21.021	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.080%
7) Chloroethane-d5	2.879	69	50336	28.829	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.320%
11) 1,1-Dichloroethene-d2	4.013	63	119606	14.414	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.640%
21) 2-Butanone-d5	7.086	46	40647	39.709	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.420%
24) Chloroform-d	7.653	84	193428	23.041	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.160%
26) 1,2-Dichloroethane-d4	8.305	65	109490	23.831	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.320%
32) Benzene-d6	8.275	84	381891	24.665	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.640%
36) 1,2-Dichloropropane-d6	9.275	67	123253	25.097	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.400%
41) Toluene-d8	10.323	98	261022	18.613	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.440%
43) trans-1,3-Dichloroprop...	10.579	79	46185	23.113	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.440%
47) 2-Hexanone-d5	10.927	63	23569	34.723	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.440%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	83491	24.358	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	90066	21.668	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.680%
Target Compounds						
					Qvalue	
15) Methyl Acetate	4.684	43	2922	1.519	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	9970	1.625	ug/L	99
34) Trichloroethene	9.092	95	11282	2.579	ug/L	95
35) Methylcyclohexane	9.281	83	30292	3.969	ug/L #	23
37) 1,2-Dichloropropane	9.275	63	14299	3.227	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	3442	0.549	ug/L #	78
45) 1,1,2-Trichloroethane	10.762	97	3407	1.216	ug/L #	27
46) Tetrachloroethene	10.866	164	2574	0.799	ug/L	94
48) 2-Hexanone	10.933	43	13179	7.464	ug/L #	37
49) Dibromochloromethane	10.860	129	2497	0.794	ug/L #	10
57) 1,1,2,2-Tetrachloroethane	12.689	83	15469	4.642	ug/L #	59

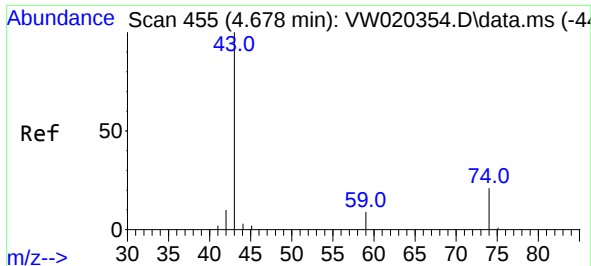
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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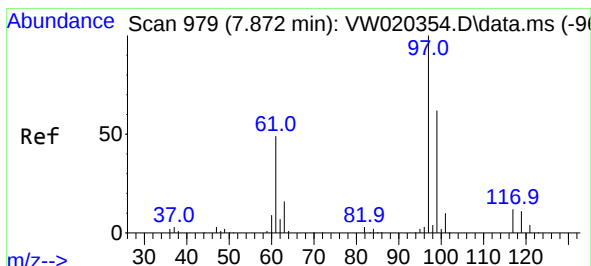
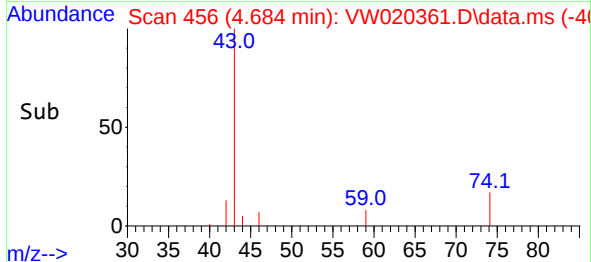
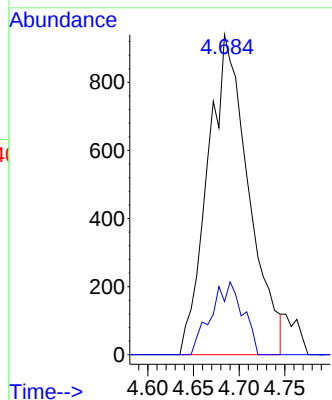
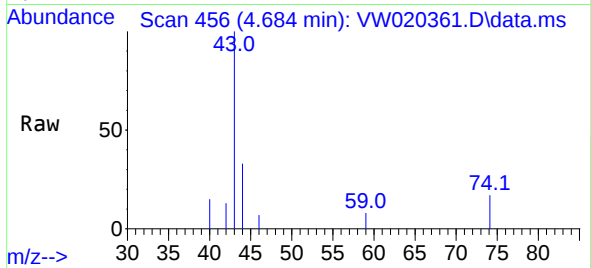




#15
Methyl Acetate
Concen: 1.519 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW020361.D
Acq: 07 Oct 2021 12:52

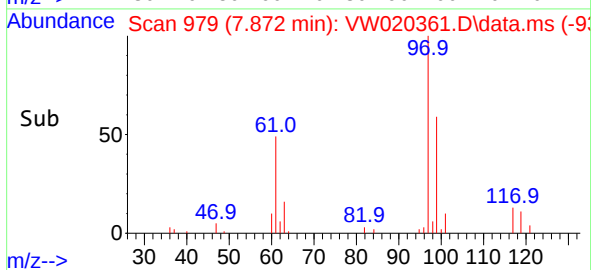
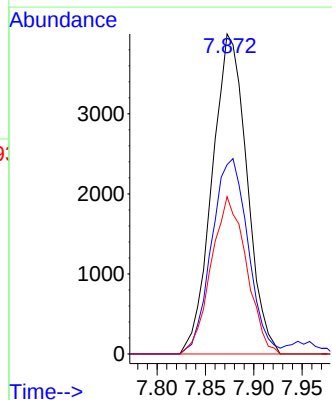
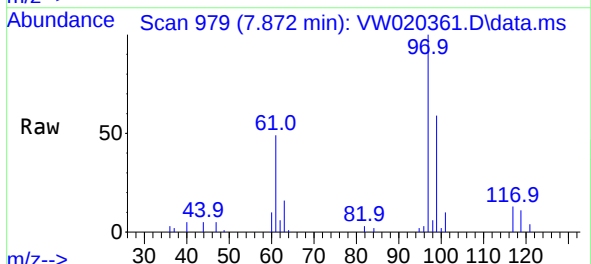
Instrument :
MSVOA_W
ClientSampled :

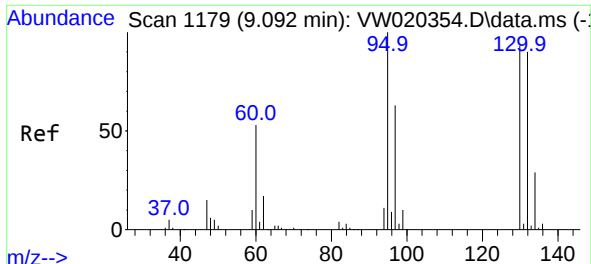
Tgt Ion: 43 Resp: 2922
Ion Ratio Lower Upper
43 100
74 17.7 16.1 24.1



#30
1,1,1-Trichloroethane
Concen: 1.625 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020361.D
Acq: 07 Oct 2021 12:52

Tgt Ion: 97 Resp: 9970
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.0
61 49.8 41.0 61.6



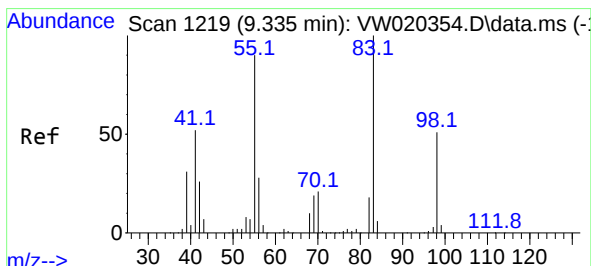
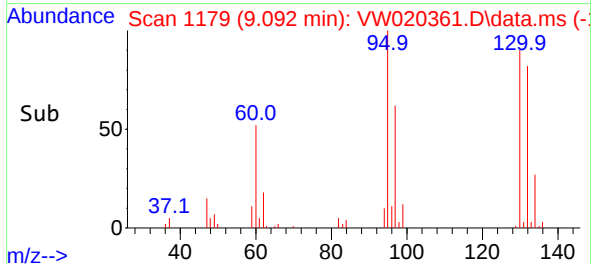
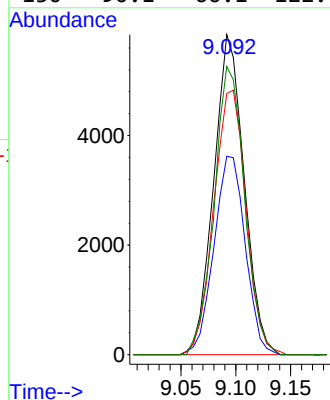
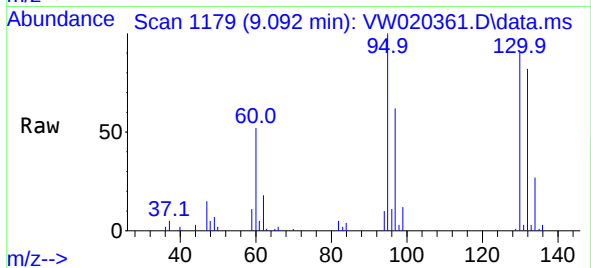


#34
Trichloroethene
Concen: 2.579 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020361.D
Acq: 07 Oct 2021 12:52

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 95 Resp: 11282

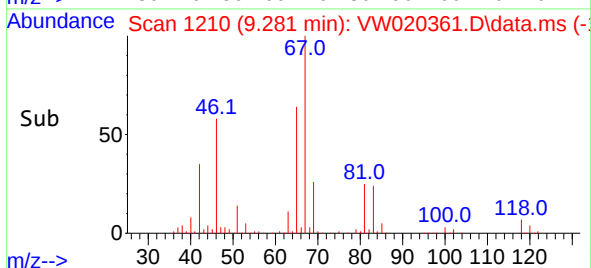
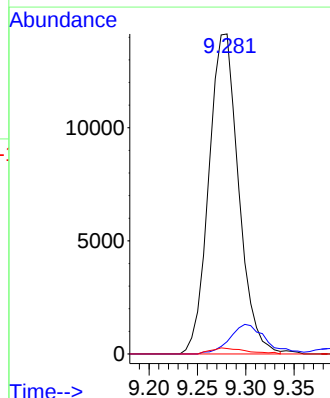
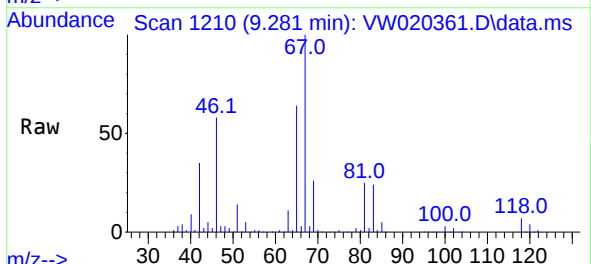
Ion	Ratio	Lower	Upper
95	100		
97	62.0	43.2	80.2
132	81.6	62.3	115.7
130	90.1	66.1	122.7

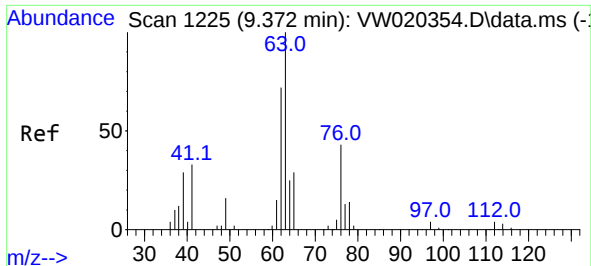


#35
Methylcyclohexane
Concen: 3.969 ug/L
RT: 9.281 min Scan# 1210
Delta R.T. -0.055 min
Lab File: VW020361.D
Acq: 07 Oct 2021 12:52

Tgt Ion: 83 Resp: 30292

Ion	Ratio	Lower	Upper
83	100		
55	10.6	69.7	104.5#
98	2.2	38.2	57.2#

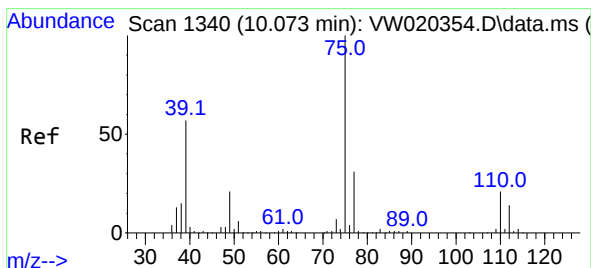
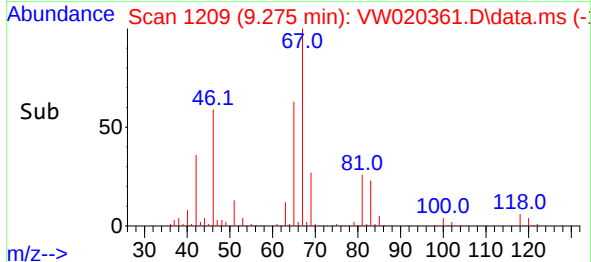
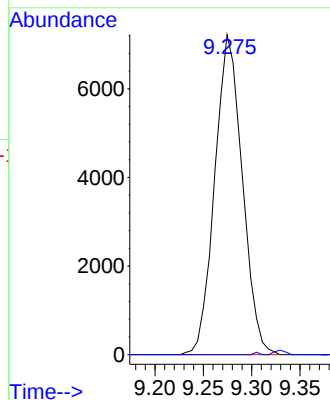
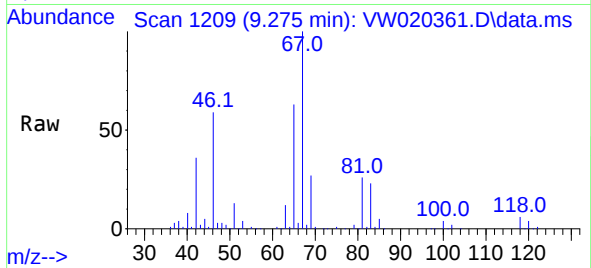




#37
1,2-Dichloropropane
Concen: 3.227 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW020361.D
Acq: 07 Oct 2021 12:52

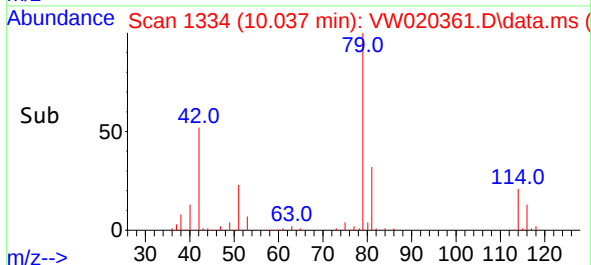
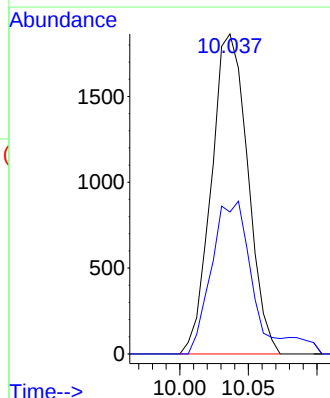
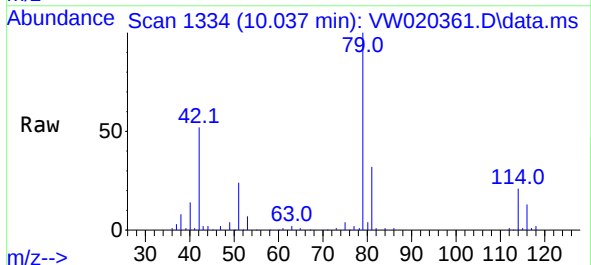
Instrument :
MSVOA_W
ClientSampled :

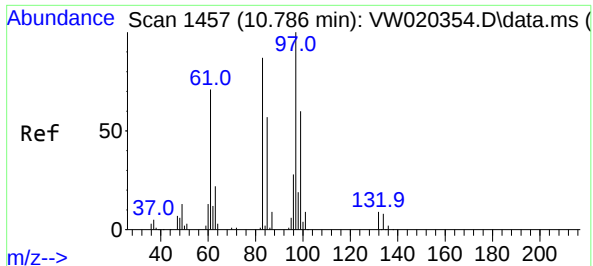
Tgt Ion: 63 Resp: 14299
Ion Ratio Lower Upper
63 100
112 0.6 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.549 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW020361.D
Acq: 07 Oct 2021 12:52

Tgt Ion: 75 Resp: 3442
Ion Ratio Lower Upper
75 100
77 44.4 22.4 41.6#



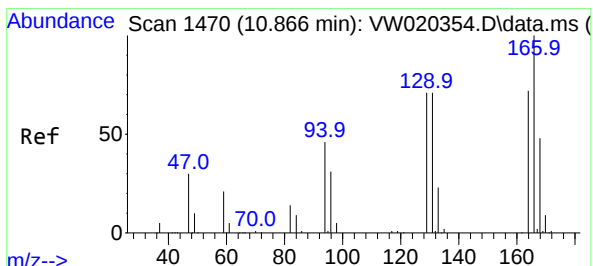
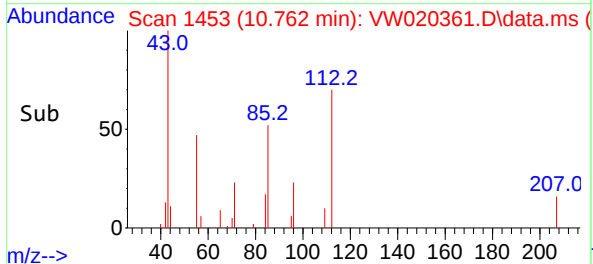
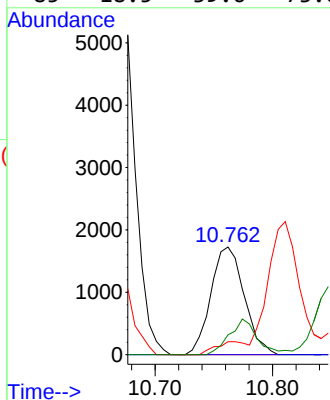
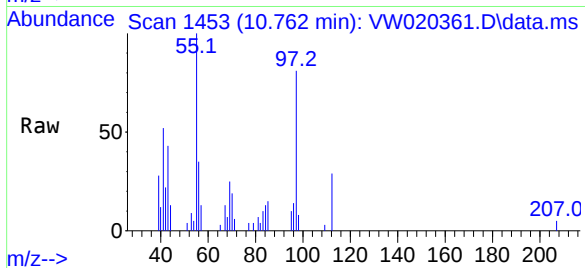


#45
1,1,2-Trichloroethane
Concen: 1.216 ug/L
RT: 10.762 min Scan# 1453
Delta R.T. -0.024 min
Lab File: VW020361.D
Acq: 07 Oct 2021 12:52

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 3407

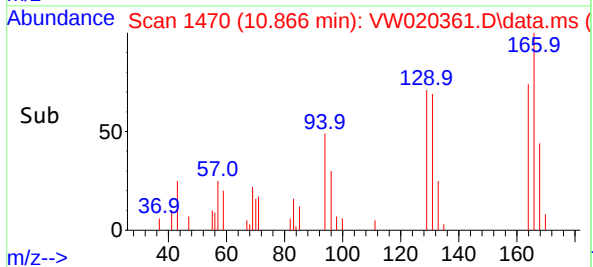
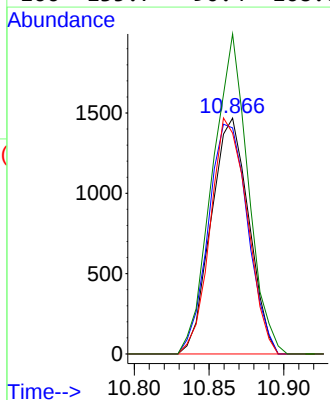
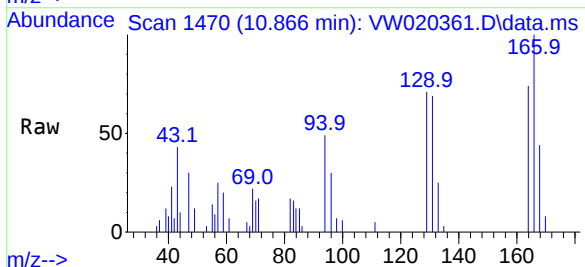
Ion	Ratio	Lower	Upper
97	100		
99	0.0	42.8	79.4#
83	12.0	60.9	113.1#
85	18.5	39.6	73.6#

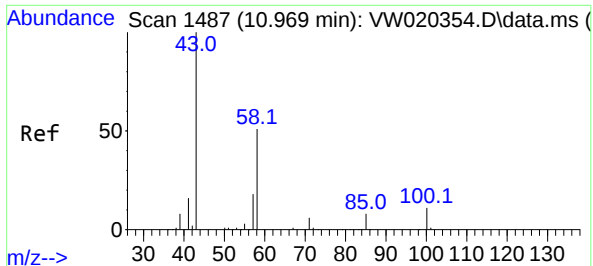


#46
Tetrachloroethene
Concen: 0.799 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW020361.D
Acq: 07 Oct 2021 12:52

Tgt Ion: 164 Resp: 2574

Ion	Ratio	Lower	Upper
164	100		
129	95.8	69.1	128.3
131	93.6	58.3	108.3
166	135.7	90.4	168.0

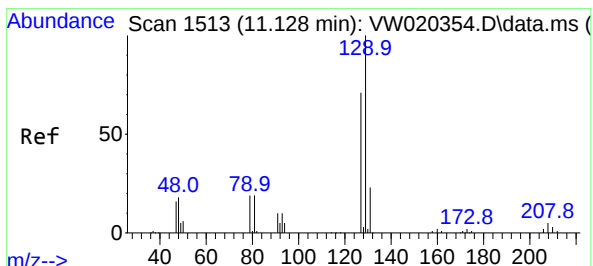
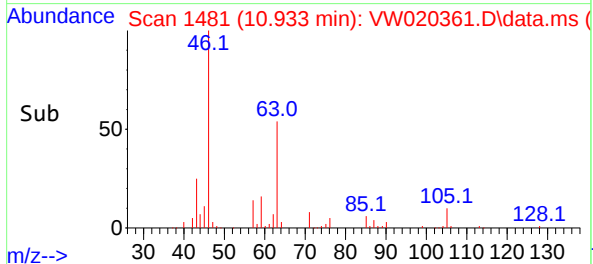
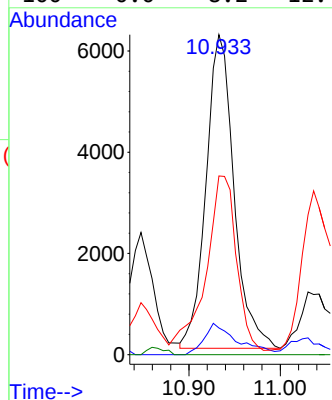
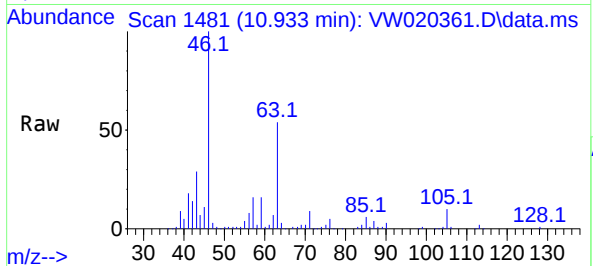




#48
2-Hexanone
Concen: 7.464 ug/L
RT: 10.933 min Scan# 1481
Delta R.T. -0.037 min
Lab File: VW020361.D
Acq: 07 Oct 2021 12:52

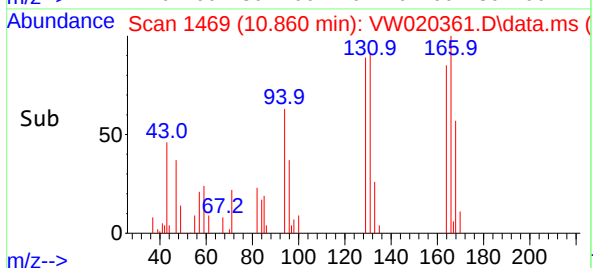
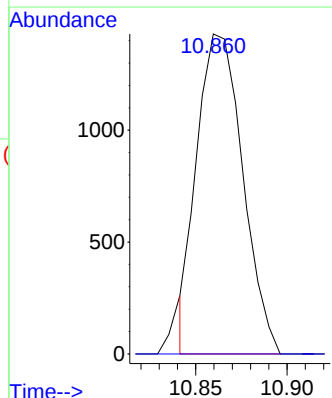
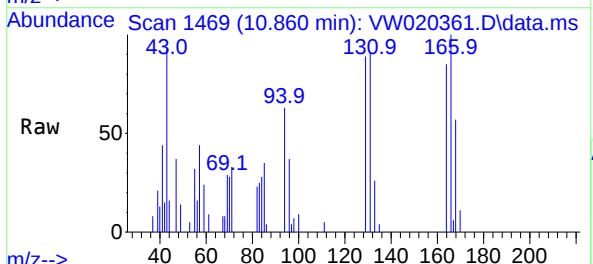
Instrument :
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ClientSampleId :

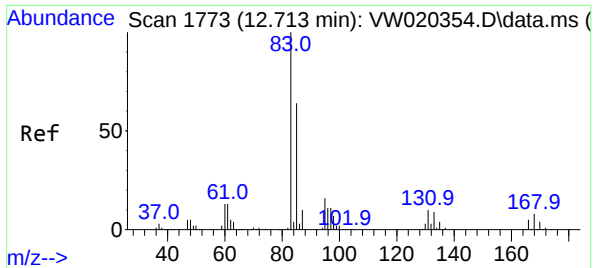
Tgt Ion:	43	Resp:	13179
Ion	Ratio	Lower	Upper
43	100		
58	9.3	39.5	59.3#
57	60.1	14.2	21.4#
100	0.0	8.2	12.4#



#49
Dibromochloromethane
Concen: 0.794 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW020361.D
Acq: 07 Oct 2021 12:52

Tgt Ion:	129	Resp:	2497
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.1	102.3#





#57
1,1,2,2-Tetrachloroethane
Concen: 4.642 ug/L
RT: 12.689 min Scan# 1769
Delta R.T. -0.024 min
Lab File: VW020361.D
Acq: 07 Oct 2021 12:52

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 83 Resp: 15469
Ion Ratio Lower Upper
83 100
85 29.6 45.9 85.3#
131 6.4 7.4 11.2#

