

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072221\
 Data File : VW019559.D
 Acq On : 22 Jul 2021 17:57
 Operator : SY/VA
 Sample : M3122-09
 Misc : 5.48g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 23 01:51:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 23 01:46:10 2021
 Response via : Initial Calibration

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

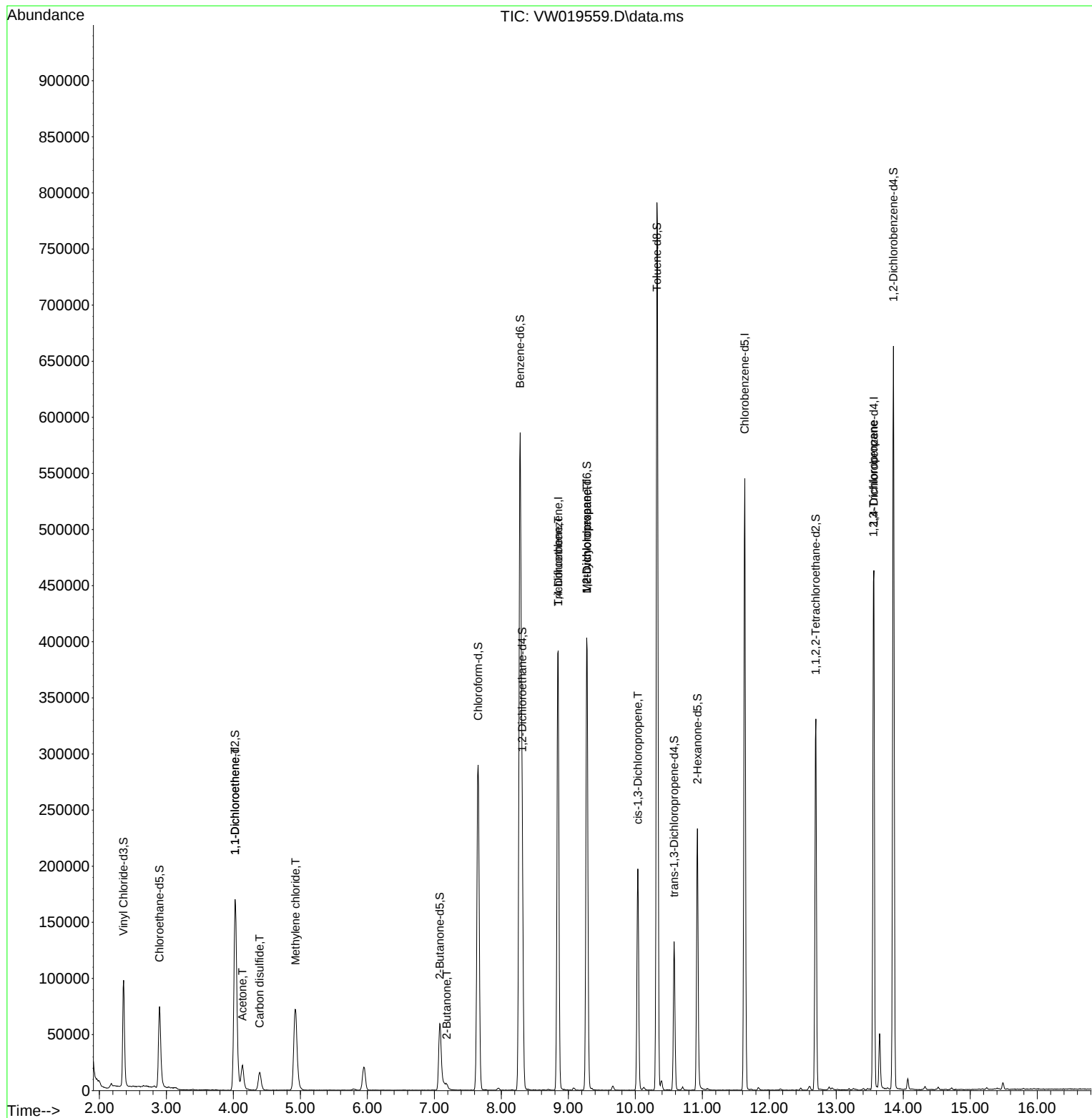
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	328879	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	301003	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	125549	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	105497	22.640	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.560%
7) Chloroethane-d5	2.898	69	98813	29.737	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.960%
11) 1,1-Dichloroethene-d2	4.025	63	191079	21.252	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.000%
21) 2-Butanone-d5	7.080	46	102433	75.738	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.480%#
24) Chloroform-d	7.653	84	308922	33.995	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	136.000%
26) 1,2-Dichloroethane-d4	8.311	65	177889	35.672	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	142.680%#
32) Benzene-d6	8.281	84	604331	33.728	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	134.920%
36) 1,2-Dichloropropane-d6	9.274	67	196348	35.159	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	140.640%#
41) Toluene-d8	10.323	98	533468	33.023	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	132.080%#
43) trans-1,3-Dichloroprop...	10.579	79	74537	31.166	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	124.680%
47) 2-Hexanone-d5	10.927	63	80184	77.392	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.780%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	167750	37.174	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	148.680%#
66) 1,2-Dichlorobenzene-d4	13.853	152	172394	38.918	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	155.680%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.025	96	1542	0.359	ug/L #	1
13) Acetone	4.135	43	39311	39.446	ug/L	89
14) Carbon disulfide	4.391	76	36471	2.653	ug/L	97
16) Methylene chloride	4.928	84	65051	9.922	ug/L	99
22) 2-Butanone	7.183	43	7950	5.156	ug/L	76
34) Trichloroethene	8.848	95	10085	2.097	ug/L #	5
35) Methylcyclohexane	9.274	83	46799	5.500	ug/L #	20
37) 1,2-Dichloropropane	9.274	63	21685	4.542	ug/L #	86
39) cis-1,3-Dichloropropene	10.037	75	4420	0.605	ug/L #	58
61) 1,2,3-Trichloropropane	13.554	75	15556	5.656	ug/L #	66

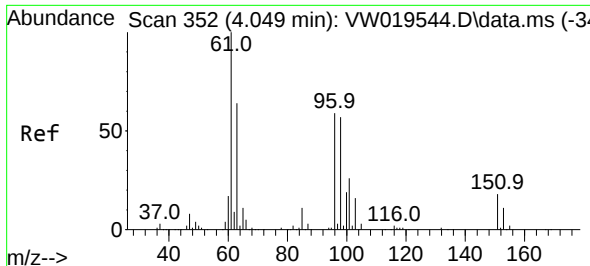
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 23 01:46:10 2021
Response via : Initial Calibration

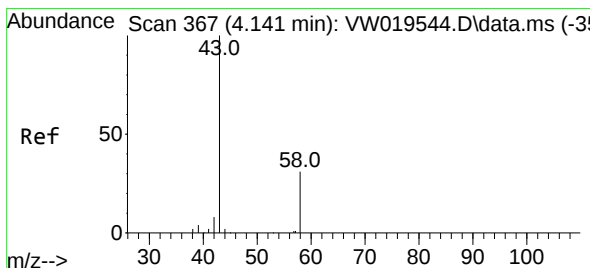
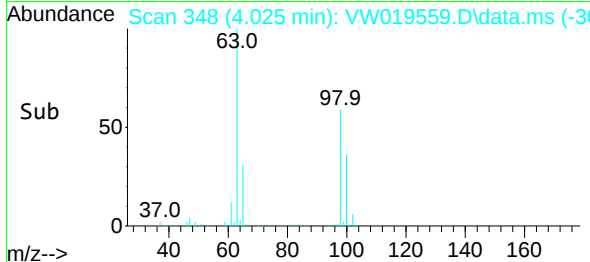
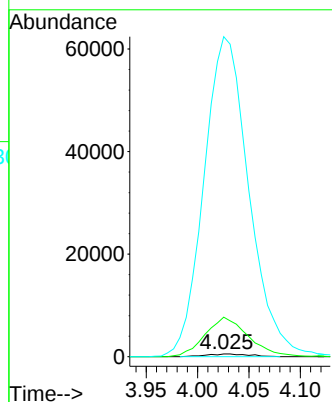
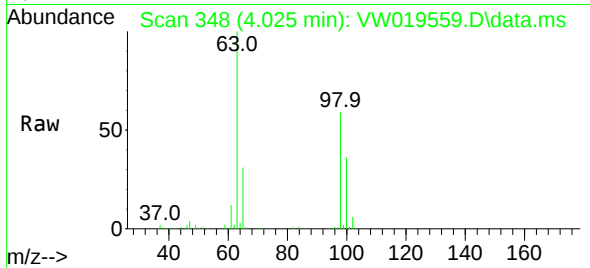




#12
1,1-Dichloroethene
Concen: 0.359 ug/L
RT: 4.025 min Scan# 348
Delta R.T. -0.024 min
Lab File: VW019559.D
Acq: 22 Jul 2021 17:57

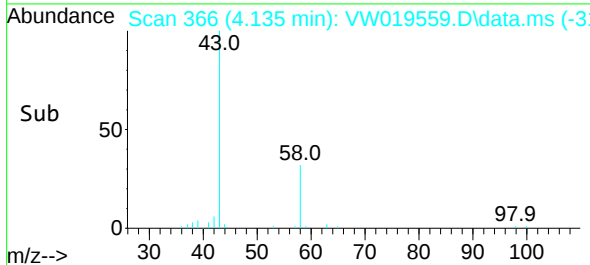
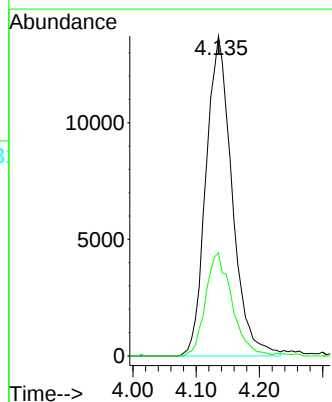
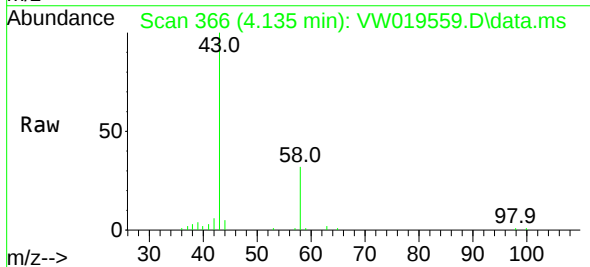
Instrument :
MSVOA_W
ClientSampled :

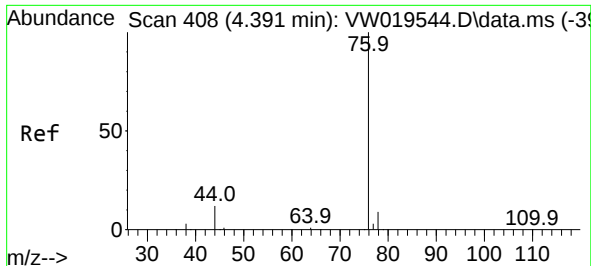
Tgt Ion: 96 Resp: 1542
Ion Ratio Lower Upper
96 100
61 1411.9 118.1 219.3#
63 11451.0 83.7 155.5#



#13
Acetone
Concen: 39.446 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW019559.D
Acq: 22 Jul 2021 17:57

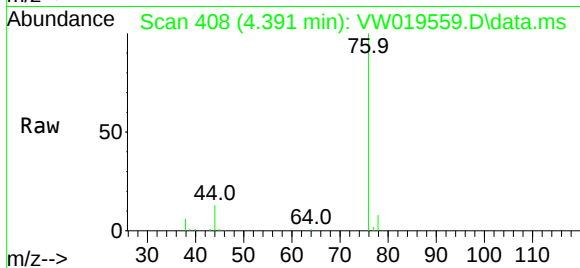
Tgt Ion: 43 Resp: 39311
Ion Ratio Lower Upper
43 100
58 32.6 0.0 53.8



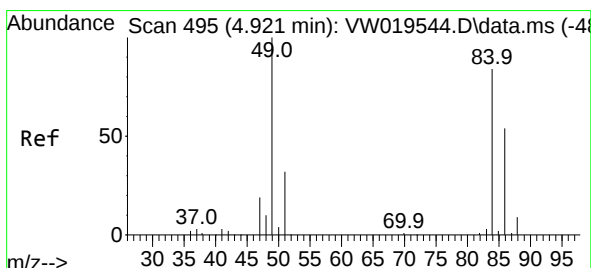
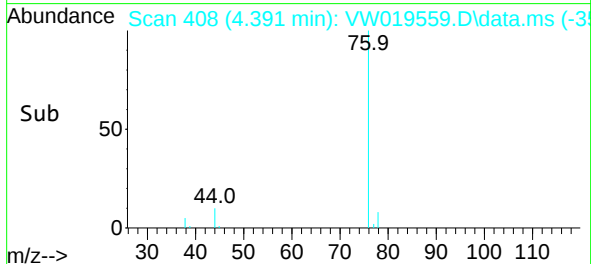
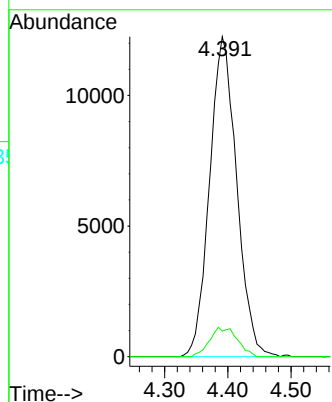


#14
Carbon disulfide
Concen: 2.653 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW019559.D
Acq: 22 Jul 2021 17:57

Instrument :
MSVOA_W
ClientSampled :

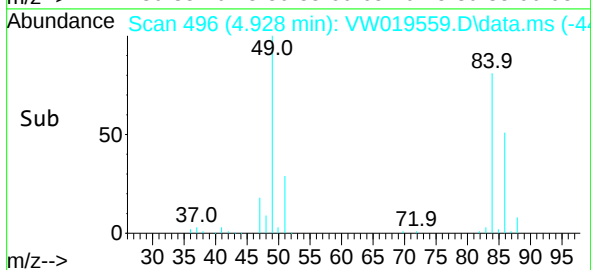
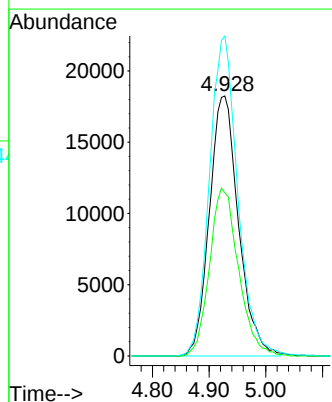
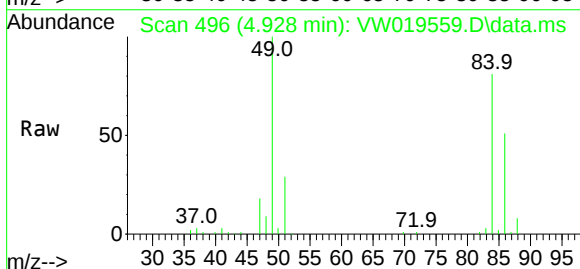


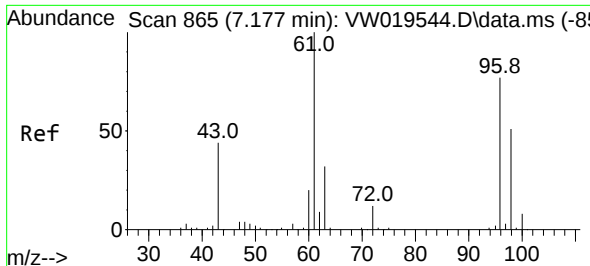
Tgt Ion: 76 Resp: 36471
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0



#16
Methylene chloride
Concen: 9.922 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019559.D
Acq: 22 Jul 2021 17:57

Tgt Ion: 84 Resp: 65051
Ion Ratio Lower Upper
84 100
86 62.7 45.3 84.1
49 123.1 86.6 160.8

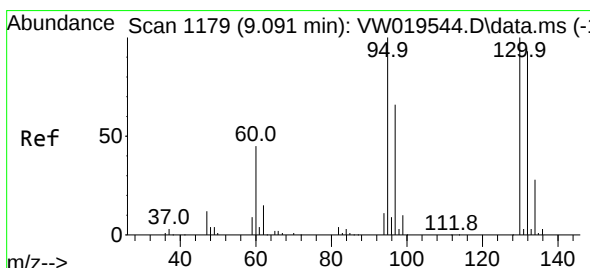
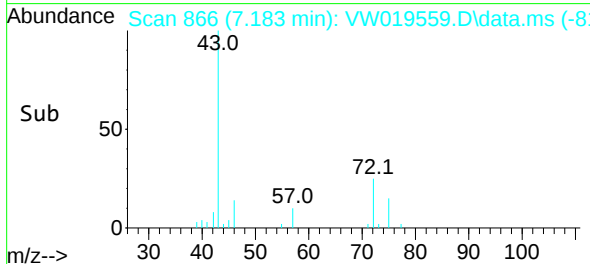
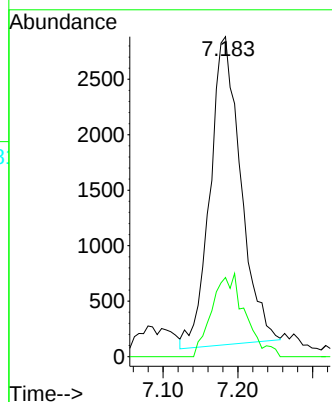
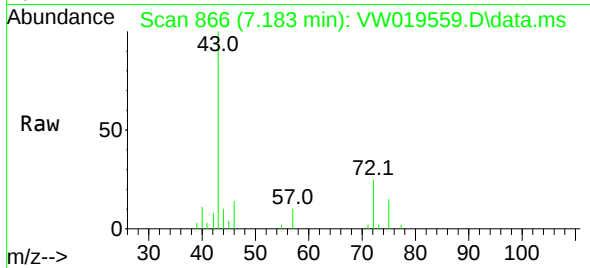




#22
2-Butanone
Concen: 5.156 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW019559.D
Acq: 22 Jul 2021 17:57

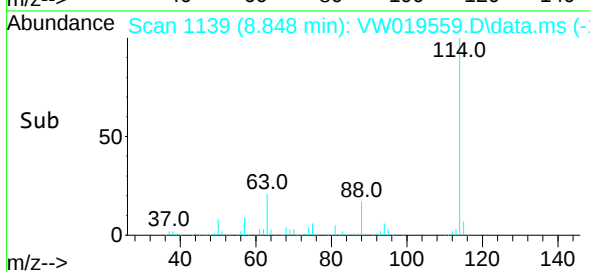
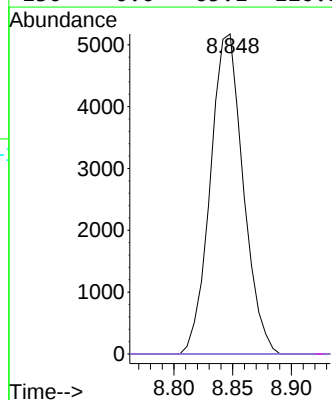
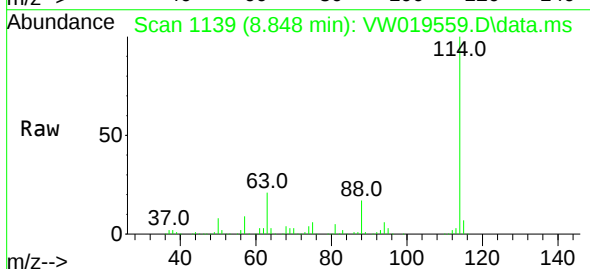
Instrument :
MSVOA_W
ClientSampled :

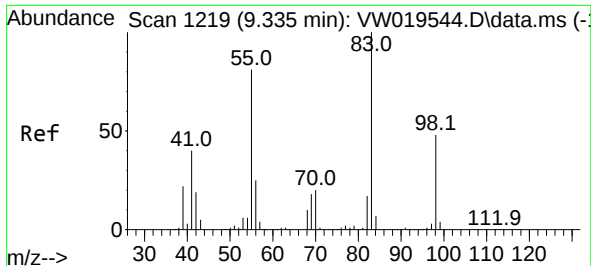
Tgt Ion: 43 Resp: 7950
Ion Ratio Lower Upper
43 100
72 16.6 14.9 44.7



#34
Trichloroethene
Concen: 2.097 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.243 min
Lab File: VW019559.D
Acq: 22 Jul 2021 17:57

Tgt Ion: 95 Resp: 10085
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: 5.500 ug/L

RT: 9.274 min Scan# 1209

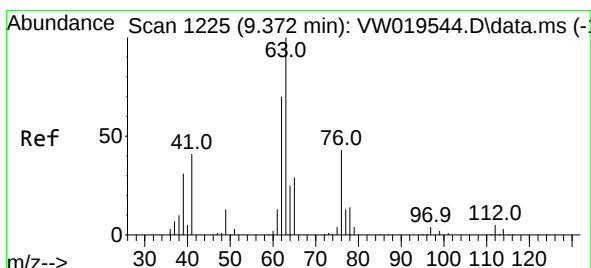
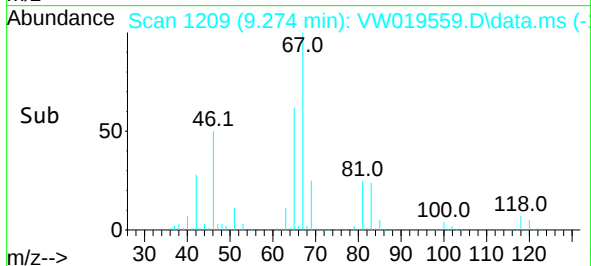
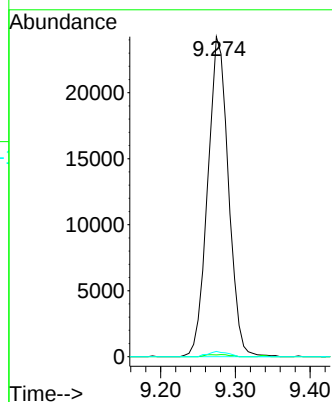
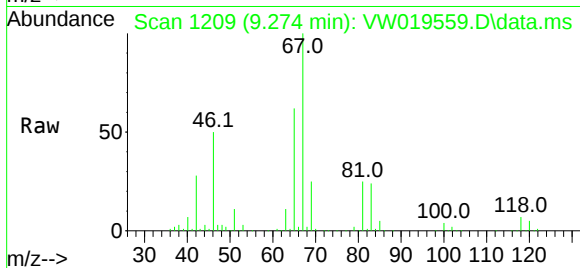
Delta R.T. -0.061 min

Lab File: VW019559.D

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Tgt Ion:	83	Resp:	46799
Ion Ratio	Lower	Upper	
83	100		
55	0.4	58.9	88.3#
98	1.5	40.1	60.1#

Instrument :
MSVOA_W
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 4.542 ug/L

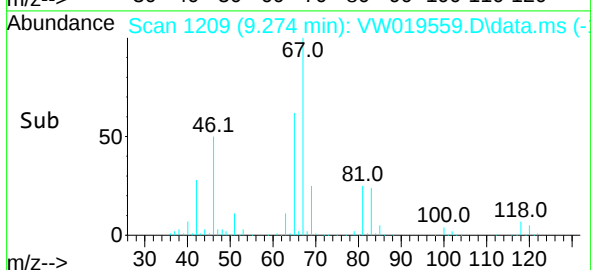
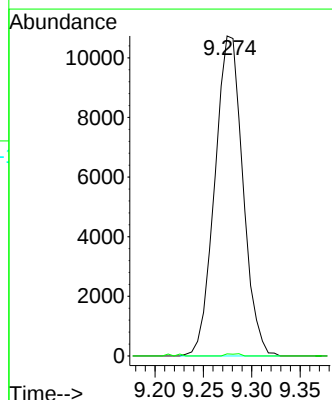
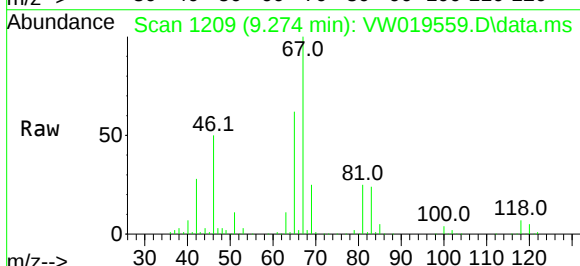
RT: 9.274 min Scan# 1209

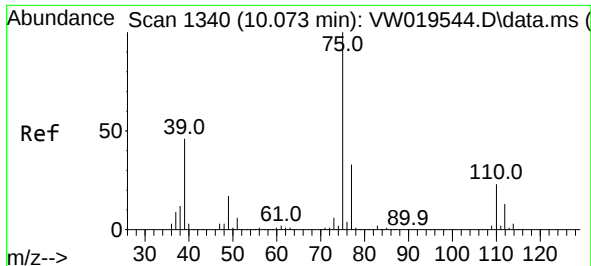
Delta R.T. -0.097 min

Lab File: VW019559.D

Acq: 22 Jul 2021 17:57

Tgt Ion:	63	Resp:	21685
Ion Ratio	Lower	Upper	
63	100		
112	0.3	3.9	5.9#

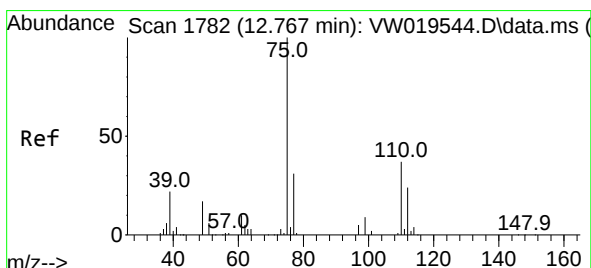
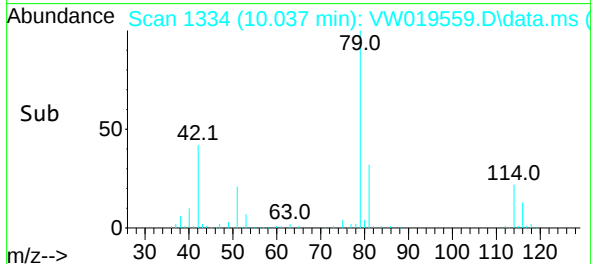
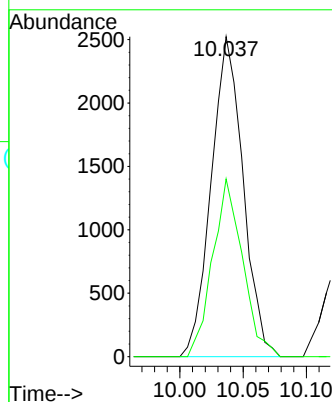
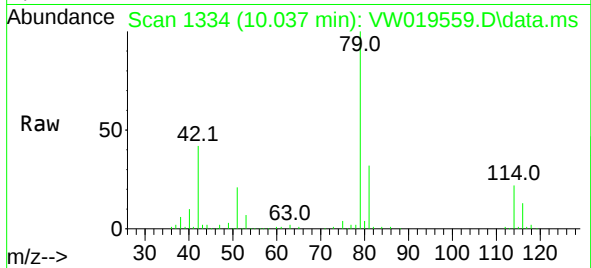




#39
cis-1,3-Dichloropropene
Concen: 0.605 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW019559.D
Acq: 22 Jul 2021 17:57

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 4420
Ion Ratio Lower Upper
75 100
77 55.6 22.6 42.0#



#61
1,2,3-Trichloropropane
Concen: 5.656 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW019559.D
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Tgt Ion: 75 Resp: 15556
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
110 2.7 32.6 48.8#

