

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
 Data File : VW018876.D
 Acq On : 30 Apr 2021 13:10
 Operator : SY/VA
 Sample : M2232-11
 Misc : 5.34G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 30 22:55:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 30 22:53:19 2021
 Response via : Initial Calibration

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

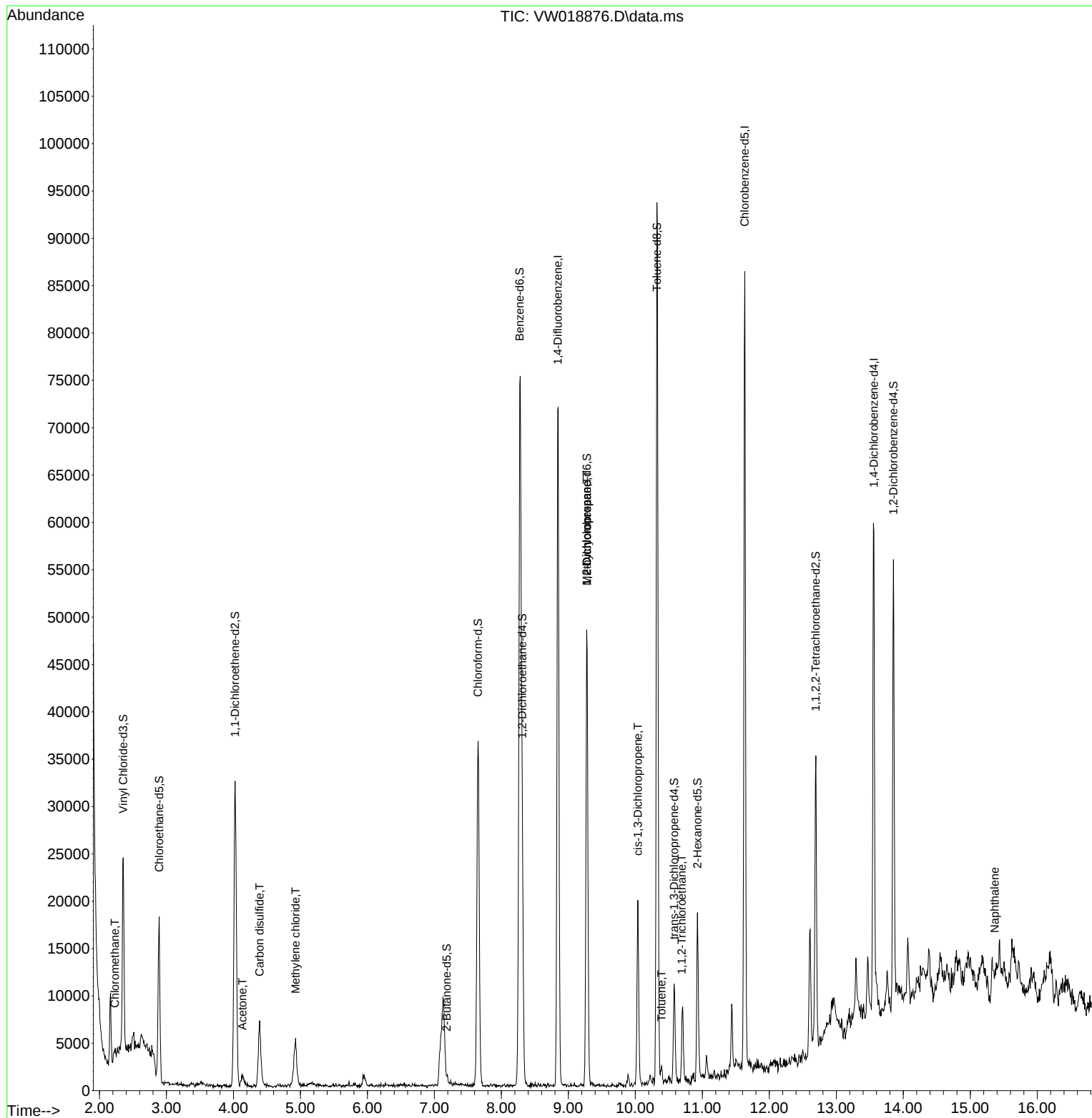
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	59309	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	44766	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	13844	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	20822	27.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	109.48%		
7) Chloroethane-d5	2.891	69	16989	28.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	115.28%		
11) 1,1-Dichloroethene-d2	4.025	63	29978	19.84	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.36%		
21) 2-Butanone-d5	7.183	46	242	1.22	ug/L	0.10
Spiked Amount 50.000	Range 20 - 135		Recovery =	2.44%#		
24) Chloroform-d	7.653	84	36430	23.40	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.60%		
26) 1,2-Dichloroethane-d4	8.311	65	20567	23.65	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.60%		
32) Benzene-d6	8.275	84	75627	29.90	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	119.60%		
36) 1,2-Dichloropropane-d6	9.274	67	21668	28.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	115.52%		
41) Toluene-d8	10.323	98	63228	26.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	107.20%		
43) trans-1,3-Dichloroprop...	10.579	79	5938	17.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	69.64%		
47) 2-Hexanone-d5	10.927	63	6559	48.82	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	97.64%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	14526	22.85	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.40%		
66) 1,2-Dichlorobenzene-d4	13.853	152	11268	23.75	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	95.00%		
Target Compounds						Qvalue
3) Chloromethane	2.233	50	234	0.44	ug/L #	70
13) Acetone	4.135	43	1446	9.52	ug/L	72
14) Carbon disulfide	4.391	76	8539	3.76	ug/L	100
16) Methylene chloride	4.928	84	3682	3.76	ug/L	93
35) Methylcyclohexane	9.274	83	5175	4.12	ug/L #	19
37) 1,2-Dichloropropane	9.274	63	2619	4.05	ug/L #	85
39) cis-1,3-Dichloropropene	10.036	75	558	0.54	ug/L #	37
42) Toluene	10.390	91	1381	0.47	ug/L	84
45) 1,1,2-Trichloroethane	10.695	97	342	0.67	ug/L #	16
71) Naphthalene	15.365	128	1131	1.07	ug/L #	89

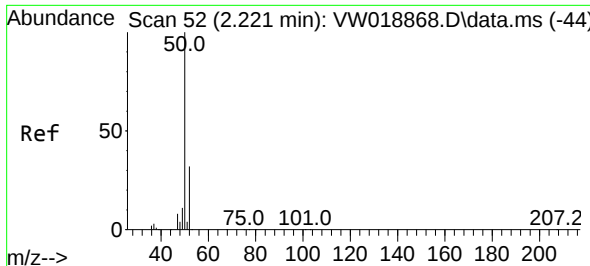
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 30 22:53:19 2021
Response via : Initial Calibration

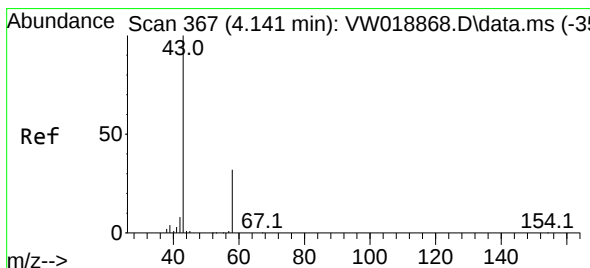
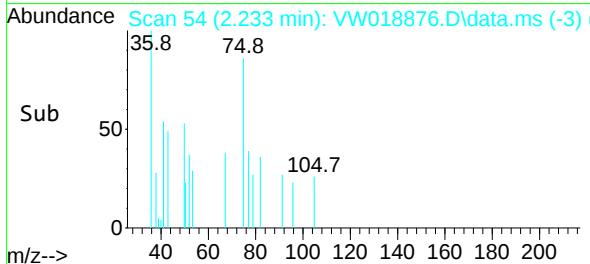
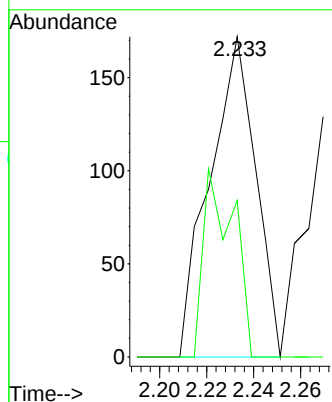
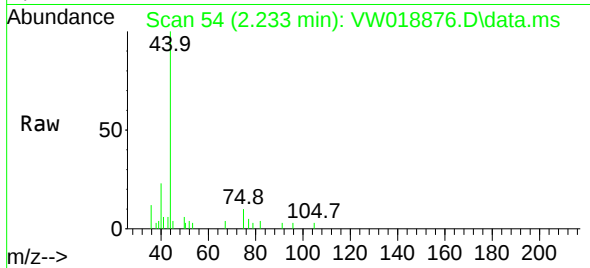




#3
Chloromethane
Concen: 0.44 ug/L
RT: 2.233 min Scan# 54
Delta R.T. 0.012 min
Lab File: VW018876.D
Acq: 30 Apr 2021 13:10

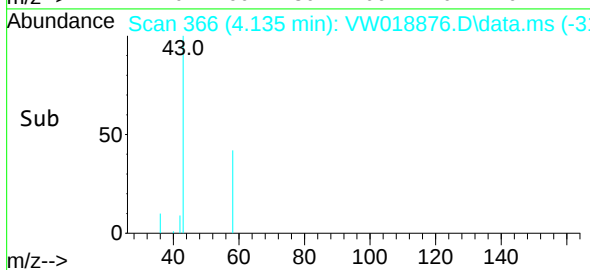
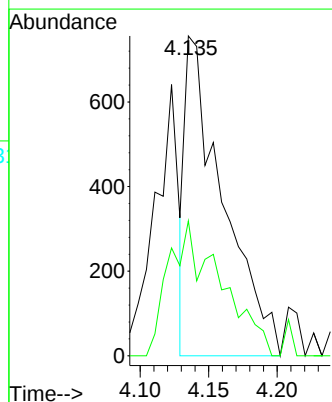
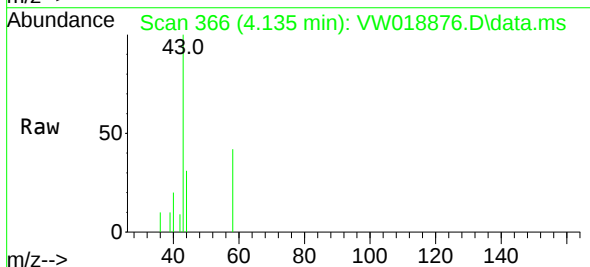
Instrument :
MSVOA_W
ClientSampled :

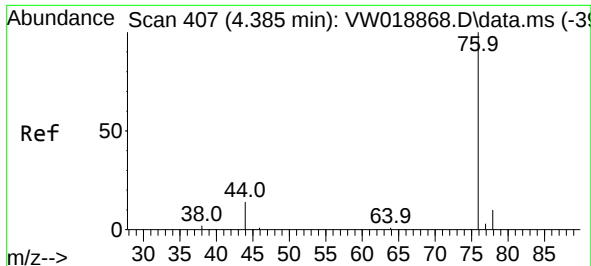
Tgt Ion: 50 Resp: 234
Ion Ratio Lower Upper
50 100
52 48.8 22.5 41.9#



#13
Acetone
Concen: 9.52 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW018876.D
Acq: 30 Apr 2021 13:10

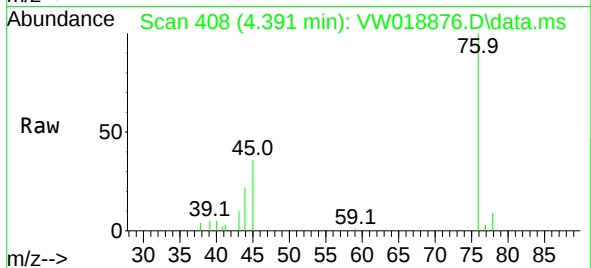
Tgt Ion: 43 Resp: 1446
Ion Ratio Lower Upper
43 100
58 12.6 0.0 53.8



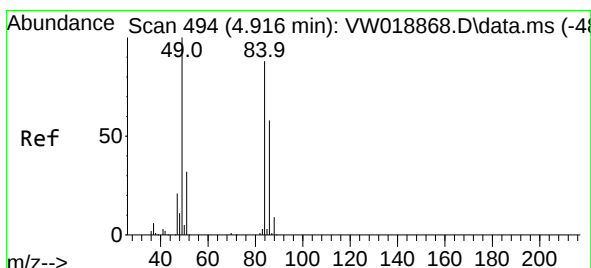
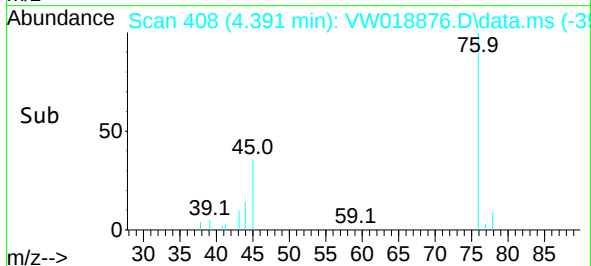
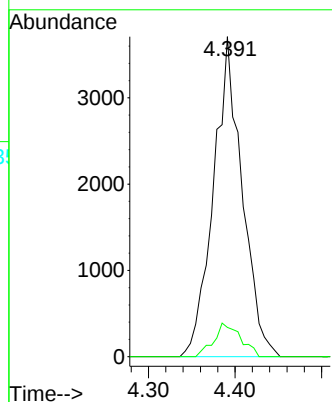


#14
Carbon disulfide
Concen: 3.76 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018876.D
Acq: 30 Apr 2021 13:10

Instrument :
MSVOA_W
ClientSampled :

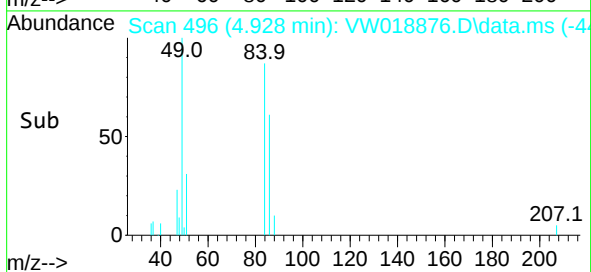
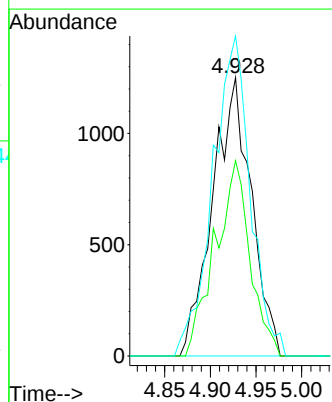
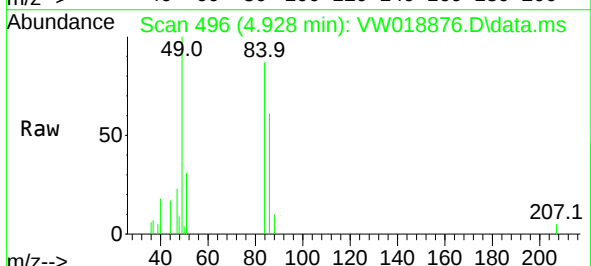


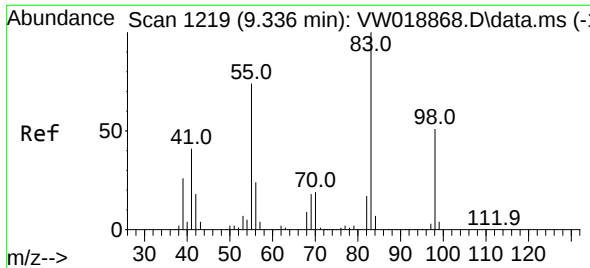
Tgt Ion: 76 Resp: 8539
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#16
Methylene chloride
Concen: 3.76 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018876.D
Acq: 30 Apr 2021 13:10

Tgt Ion: 84 Resp: 3682
Ion Ratio Lower Upper
84 100
86 70.2 45.3 84.1
49 114.9 86.6 160.8

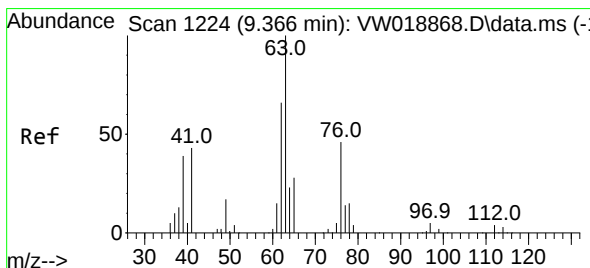
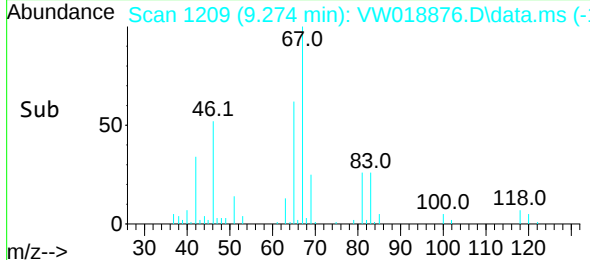
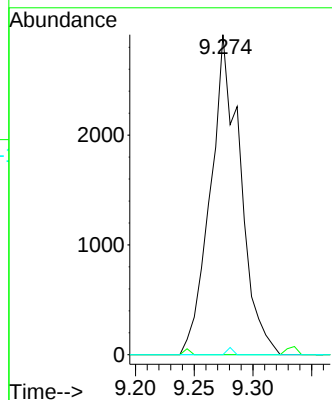
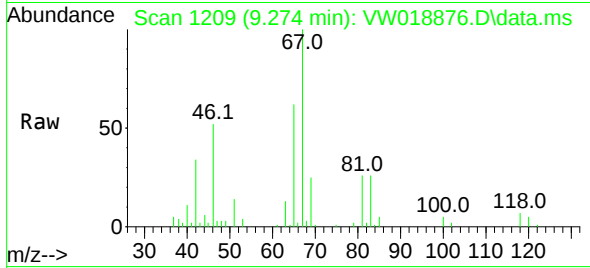




#35
Methylcyclohexane
Concen: 4.12 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018876.D
Acq: 30 Apr 2021 13:10

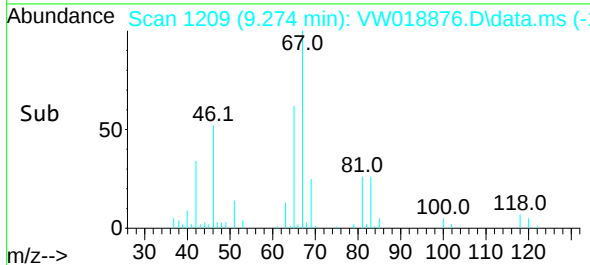
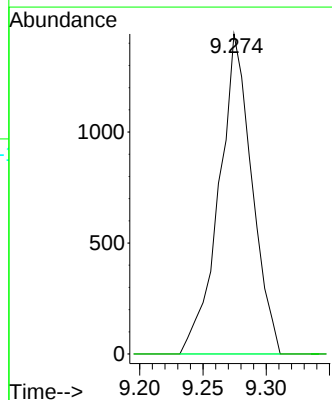
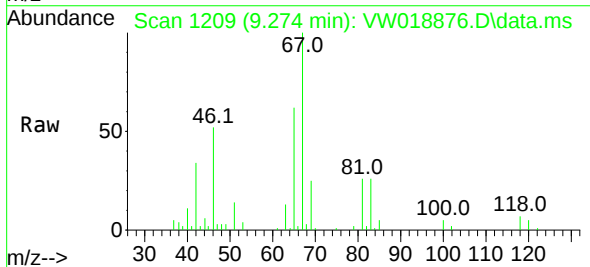
Instrument :
MSVOA_W
ClientSampled :

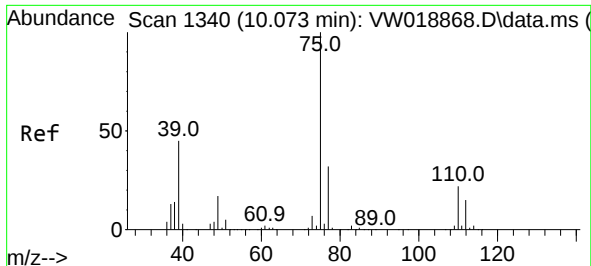
Tgt Ion: 83 Resp: 5175
Ion Ratio Lower Upper
83 100
55 0.9 58.9 88.3#
98 0.0 40.1 60.1#



#37
1,2-Dichloropropane
Concen: 4.05 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018876.D
Acq: 30 Apr 2021 13:10

Tgt Ion: 63 Resp: 2619
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#

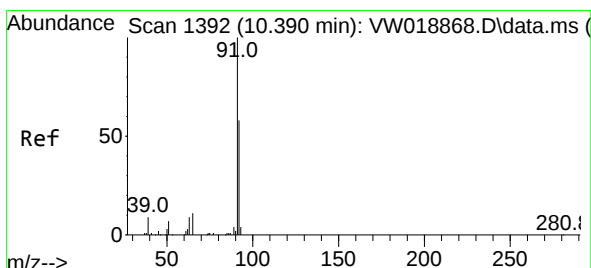
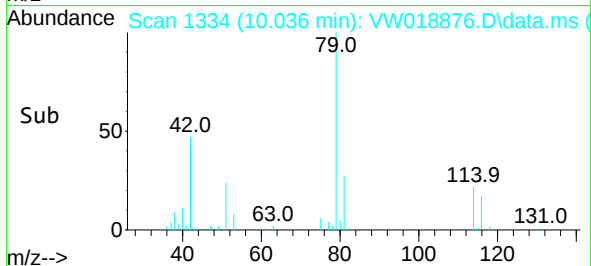
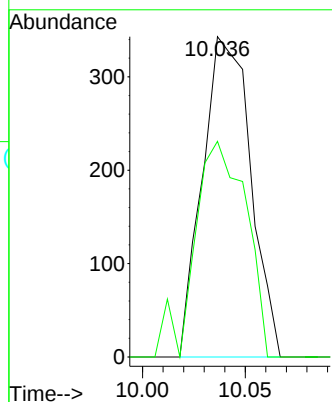
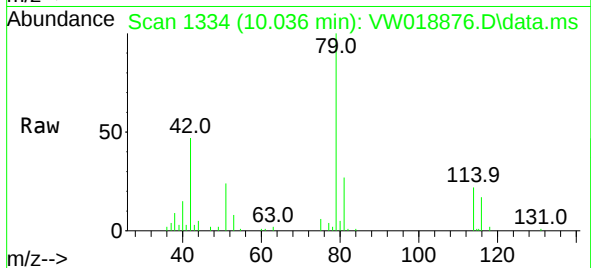




#39
cis-1,3-Dichloropropene
Concen: 0.54 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018876.D
Acq: 30 Apr 2021 13:10

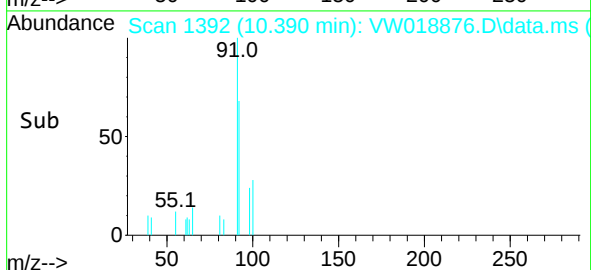
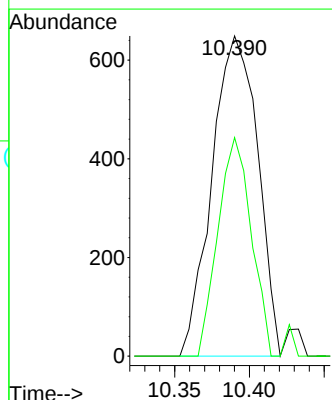
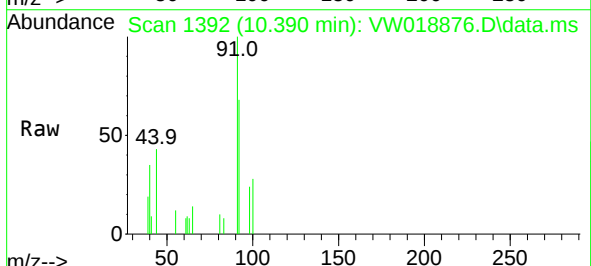
Instrument :
MSVOA_W
ClientSampleId :

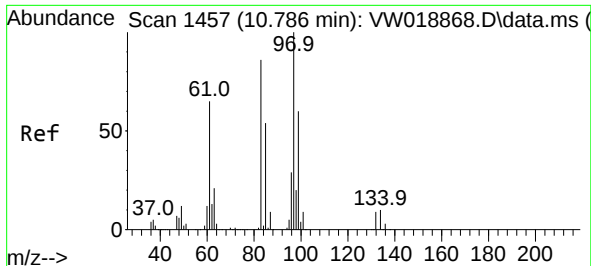
Tgt Ion: 75 Resp: 558
Ion Ratio Lower Upper
75 100
77 67.3 22.6 42.0#



#42
Toluene
Concen: 0.47 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018876.D
Acq: 30 Apr 2021 13:10

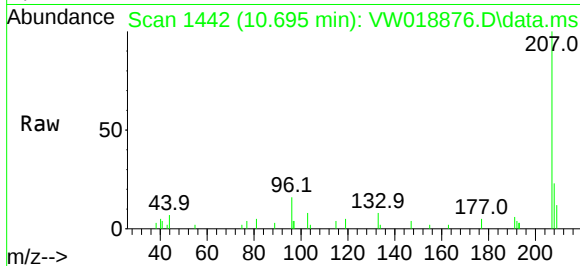
Tgt Ion: 91 Resp: 1381
Ion Ratio Lower Upper
91 100
92 68.3 39.5 73.3



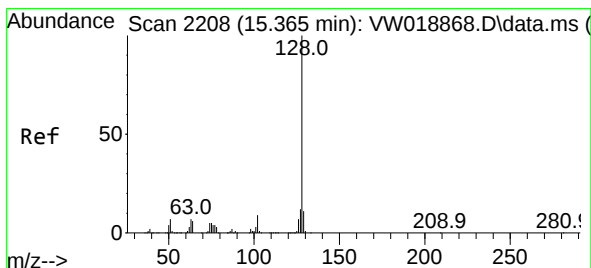
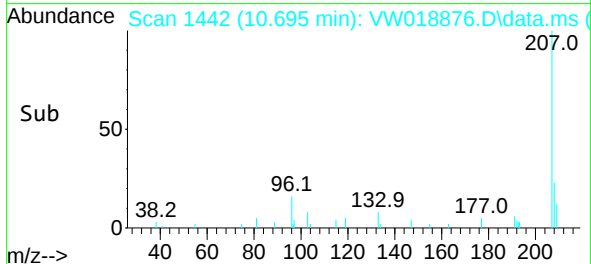
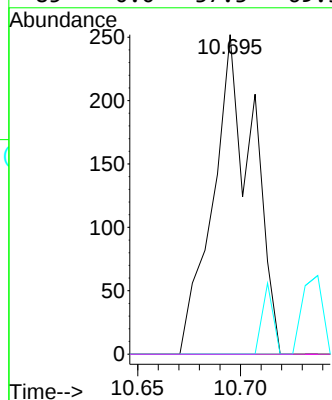


#45
1,1,2-Trichloroethane
Concen: 0.67 ug/L
RT: 10.695 min Scan# 1442
Delta R.T. -0.092 min
Lab File: VW018876.D
Acq: 30 Apr 2021 13:10

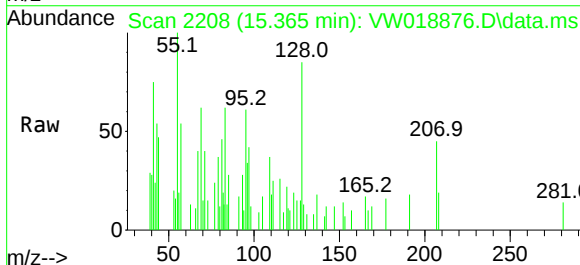
Instrument :
MSVOA_W
ClientSampled :



Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	45.1	83.7#
83	0.0	58.1	107.9#
85	0.0	37.3	69.3#



#71
Naphthalene
Concen: 1.07 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018876.D
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Tgt Ion	Ratio	Lower	Upper
128	100		
127	20.2	10.6	15.8#
129	12.3	9.0	13.6

