

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020521\
 Data File : VW018038.D
 Acq On : 05 Feb 2021 17:11
 Operator : SY/VA
 Sample : M1330-08
 Misc : 5.55G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG538

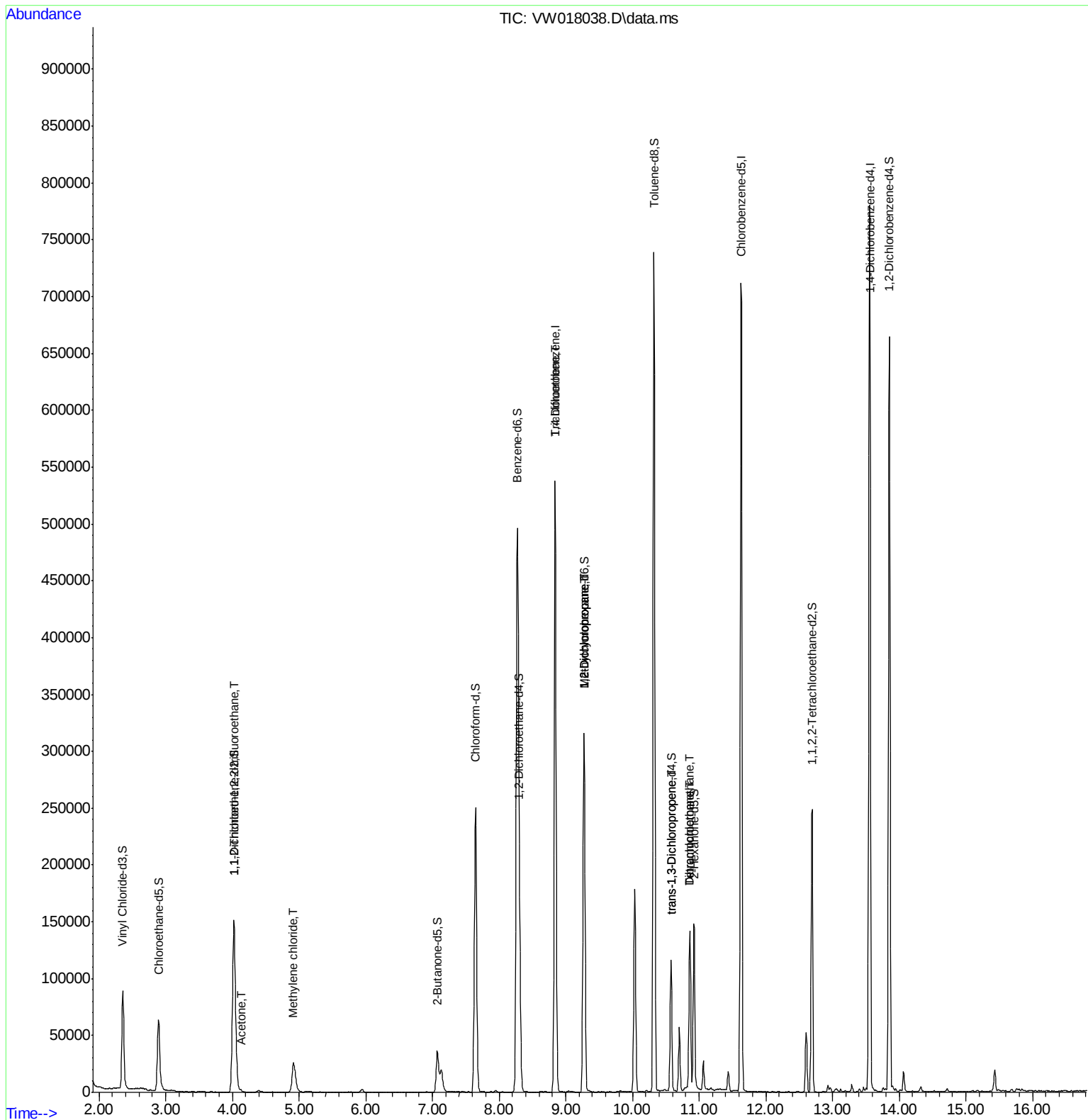
Quant Time: Feb 06 01:09:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 06 01:06:17 2021
 Response via : Initial Calibration

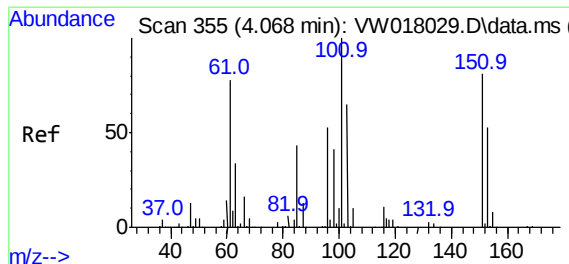
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	478969	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	433000	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	220082	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	110361	18.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.16%		
7) Chloroethane-d5	2.891	69	89983	19.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.20%		
10) 1,1-Dichloroethene-d2	4.025	63	170891	14.36	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	57.44%		
20) 2-Butanone-d5	7.074	46	60754	38.25	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	76.50%		
24) Chloroform-d	7.647	84	264023	21.01	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.04%		
26) 1,2-Dichloroethane-d4	8.305	65	140021	20.91	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	83.64%		
29) Benzene-d6	8.275	84	525222	22.09	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.36%		
33) 1,2-Dichloropropane-d6	9.274	67	147785	22.22	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	88.88%		
37) Toluene-d8	10.323	98	498196	22.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.08%		
38) trans-1,3-Dichloroprop...	10.579	79	65592	21.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	87.04%		
39) 2-Hexanone-d5	10.920	63	52326	41.16	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.32%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	123975	21.22	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	84.88%		
61) 1,2-Dichlorobenzene-d4	13.853	152	182276	23.22	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.88%		
Target Compounds						
11) 1,1,2-Trichloro-1,2,2-...	4.025	101	1915	0.28	ug/L #	35
13) Acetone	4.129	43	1588	1.35	ug/L	84
16) Methylene chloride	4.915	84	24630	3.21	ug/L	96
35) Trichloroethene	8.842	95	14193	1.99	ug/L #	3
36) Methylcyclohexane	9.274	83	38907	3.24	ug/L #	20
40) 1,2-Dichloropropane	9.274	63	17016	2.93	ug/L #	84
45) trans-1,3-Dichloropropene	10.579	75	2854	0.35	ug/L #	80
47) Tetrachloroethene	10.859	164	33416	5.50	ug/L	90
50) Dibromochloromethane	10.859	129	31078	5.23	ug/L #	11

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

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QLast Update : Sat Feb 06 01:06:17 2021
Response via : Initial Calibration

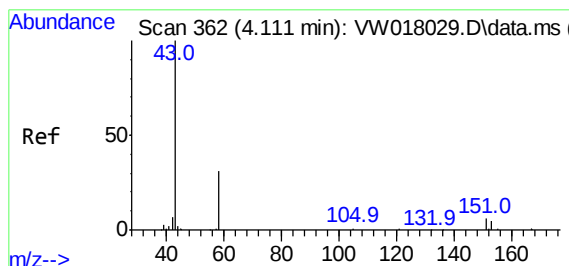
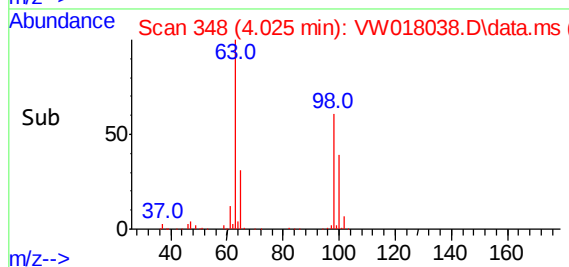
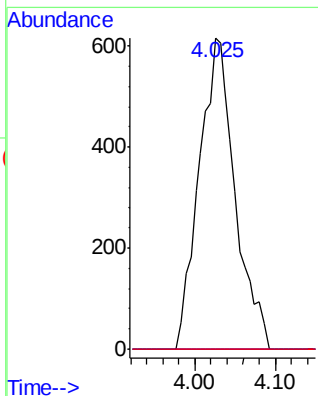
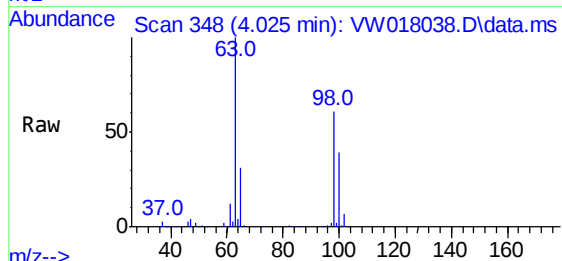




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.28 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.043 min
 Lab File: VW018038.D
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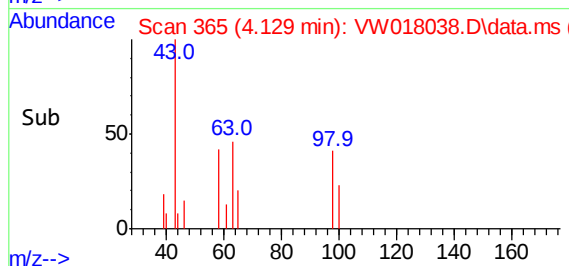
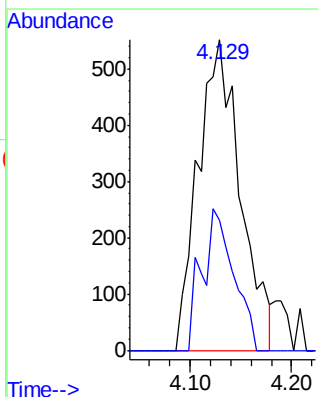
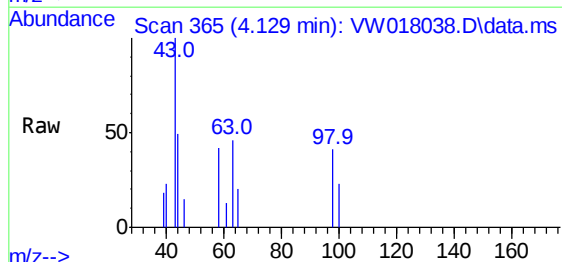
Instrument :
 MSVOA_W
 ClientSampled :
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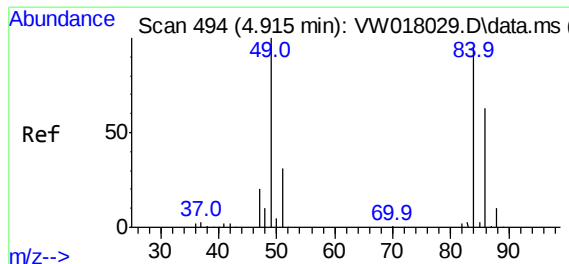
Tgt Ion:101 Resp: 1915
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.2 51.4#
 151 0.0 30.4 45.6#



#13
 Acetone
 Concen: 1.35 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. 0.018 min
 Lab File: VW018038.D
 Acq: 05 Feb 2021 17:11

Tgt Ion: 43 Resp: 1588
 Ion Ratio Lower Upper
 43 100
 58 24.7 0.0 68.4



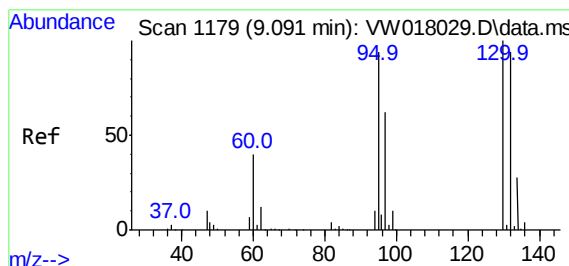
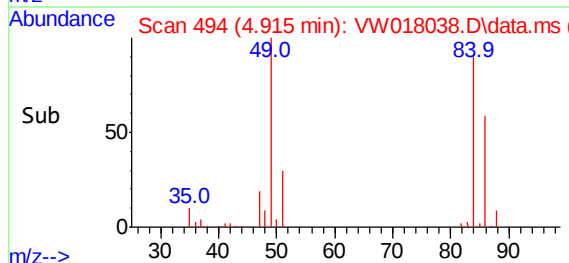
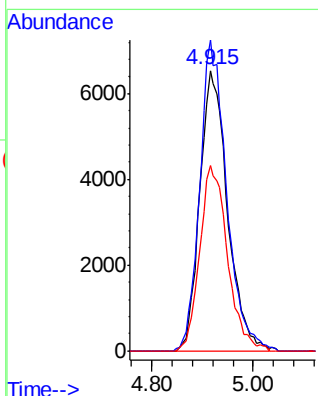
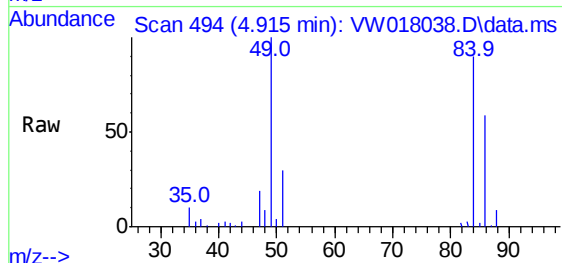


#16
Methylene chloride
Concen: 3.21 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018038.D
Acq: 05 Feb 2021 17:11

Instrument :
MSVOA_W
ClientSampled :
BG538

Tgt Ion: 84 Resp: 24630

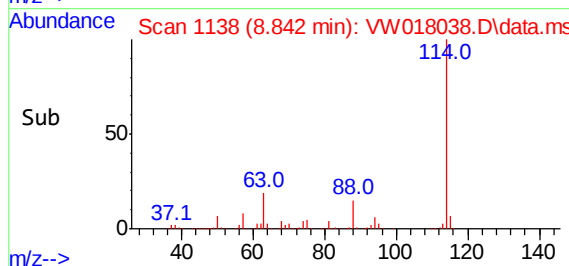
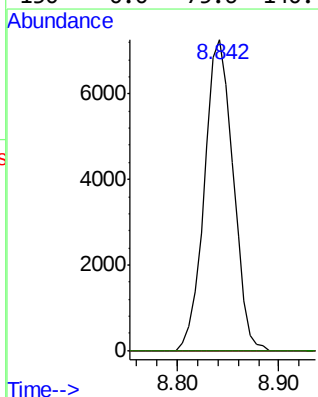
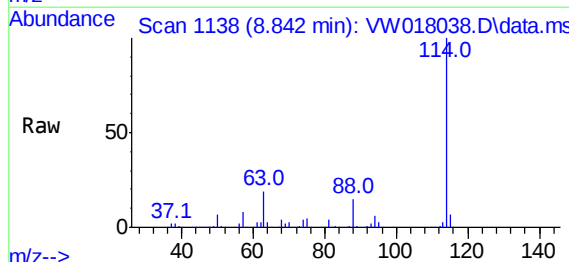
Ion	Ratio	Lower	Upper
84	100		
49	111.0	81.2	150.8
86	66.0	44.5	82.7

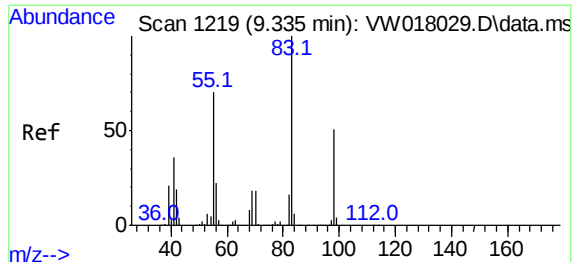


#35
Trichloroethene
Concen: 1.99 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018038.D
Acq: 05 Feb 2021 17:11

Tgt Ion: 95 Resp: 14193

Ion	Ratio	Lower	Upper
95	100		
97	0.4	45.0	83.6#
132	0.2	71.0	131.8#
130	0.0	75.6	140.4#

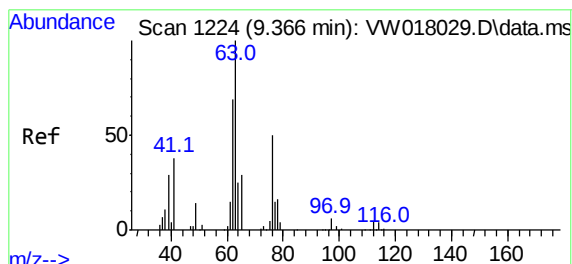
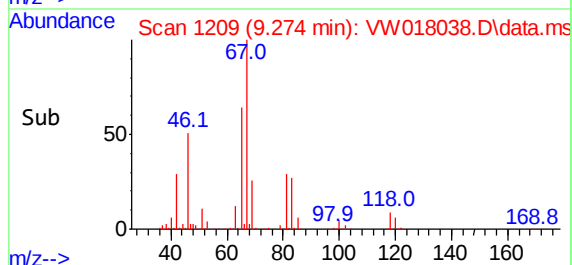
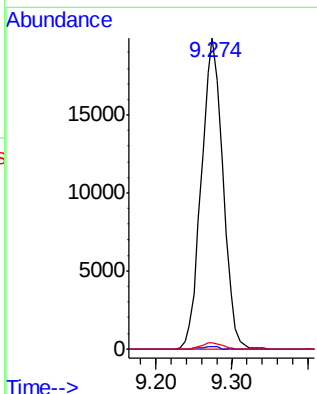
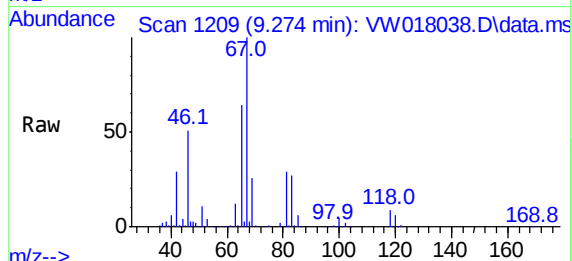




#36
Methylcyclohexane
Concen: 3.24 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018038.D
Acq: 05 Feb 2021 17:11

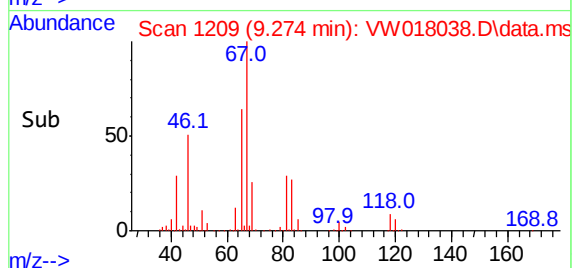
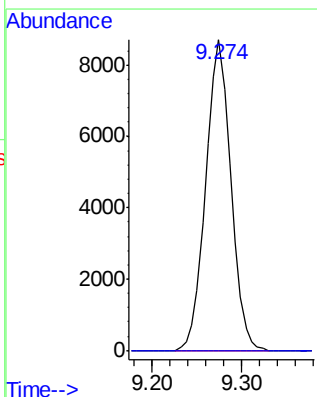
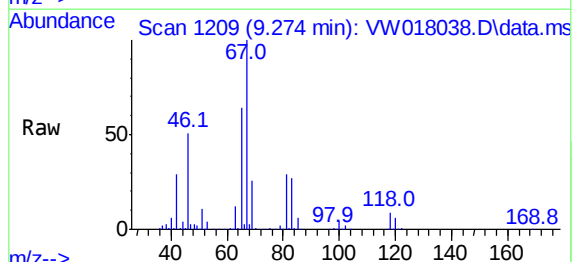
Instrument :
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ClientSampleId :
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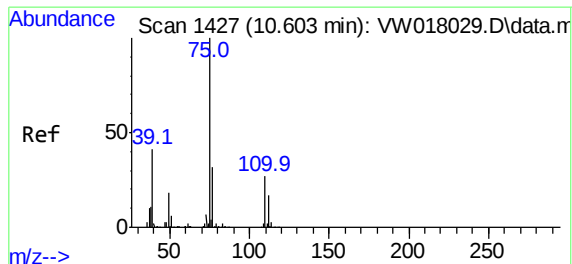
Tgt Ion: 83 Resp: 38907
Ion Ratio Lower Upper
83 100
55 0.5 59.4 89.0#
98 1.8 40.7 61.1#



#40
1,2-Dichloropropane
Concen: 2.93 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018038.D
Acq: 05 Feb 2021 17:11

Tgt Ion: 63 Resp: 17016
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

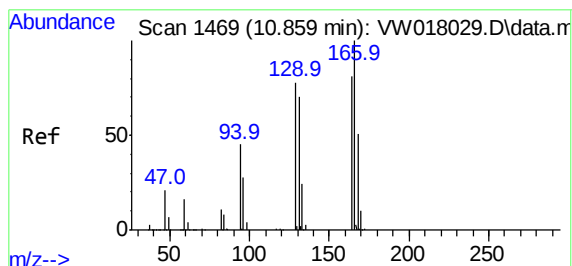
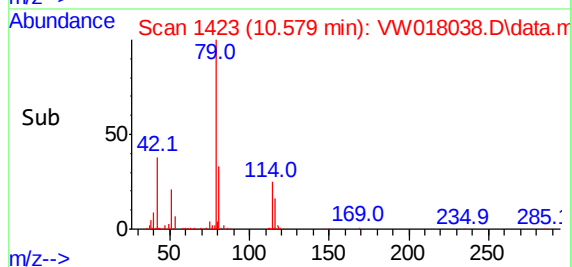
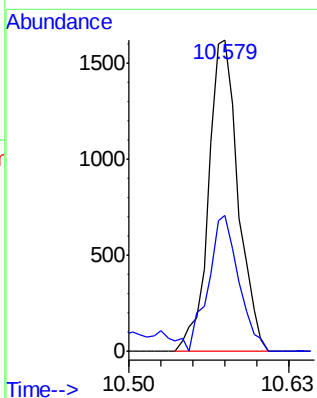
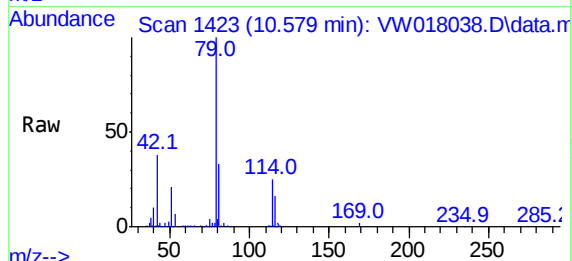




#45
trans-1,3-Dichloropropene
Concen: 0.35 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018038.D
Acq: 05 Feb 2021 17:11

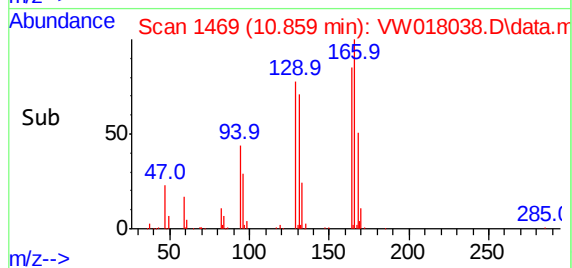
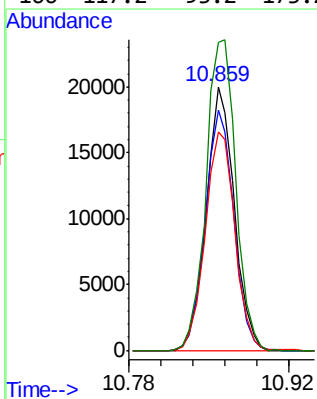
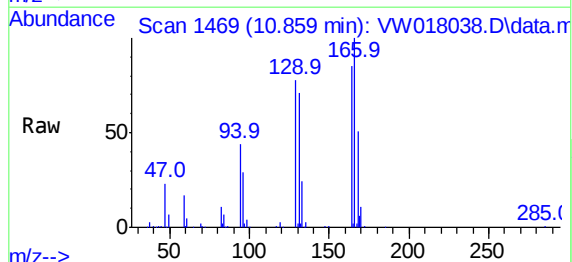
Instrument :
MSVOA_W
ClientSampled :
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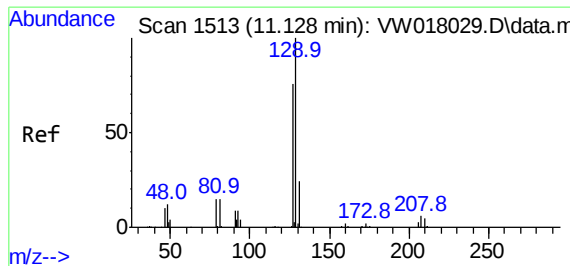
Tgt Ion: 75 Resp: 2854
Ion Ratio Lower Upper
75 100
77 43.6 22.6 42.0#



#47
Tetrachloroethene
Concen: 5.50 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018038.D
Acq: 05 Feb 2021 17:11

Tgt Ion: 164 Resp: 33416
Ion Ratio Lower Upper
164 100
129 91.0 67.6 125.6
131 83.0 65.2 121.2
166 117.2 93.2 173.2





#50
 Dibromochloromethane
 Concen: 5.23 ug/L
 RT: 10.859 min Scan# 1469
 Delta R.T. -0.268 min
 Lab File: VW018038.D
 Acq: 05 Feb 2021 17:11

Instrument :
 MSVOA_W
 ClientSampleId :
 BG538

Tgt Ion:129 Resp: 31078
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.2 98.8#

