

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018409.D
 Acq On : 20 Mar 2021 00:27
 Operator : SY/VA
 Sample : M1685-10RE
 Misc : 6.02G/10ML/MSVOA_W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG496RE

Quant Time: Mar 20 04:02:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 03:58:53 2021
 Response via : Initial Calibration

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

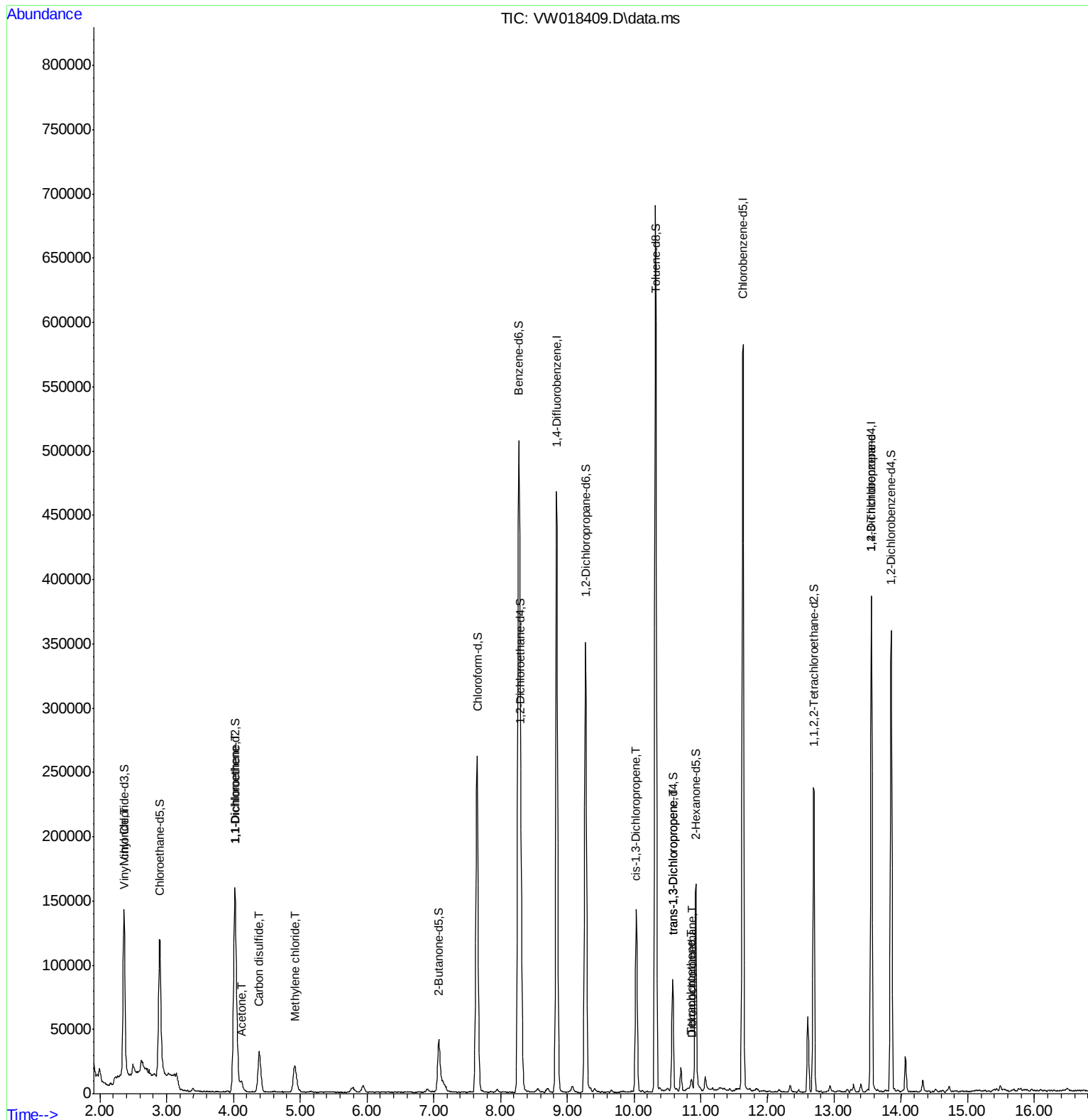
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	383391	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	308175	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	88693	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	158127	29.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	118.56%		
7) Chloroethane-d5	2.898	69	146860	31.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	125.80%		
10) 1,1-Dichloroethene-d2	4.019	63	177451	19.26	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	77.04%		
20) 2-Butanone-d5	7.074	46	68555	57.72	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	115.44%		
24) Chloroform-d	7.653	84	265093	27.15	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	108.60%		
26) 1,2-Dichloroethane-d4	8.305	65	156219	27.40	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	109.60%		
29) Benzene-d6	8.275	84	510887	31.18	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	124.72%		
33) 1,2-Dichloropropane-d6	9.275	67	146959	31.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	124.40%#		
37) Toluene-d8	10.323	98	434656	27.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	110.20%		
38) trans-1,3-Dichloroprop...	10.579	79	46685	19.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.64%		
39) 2-Hexanone-d5	10.927	63	54643	59.08	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	118.16%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	112512	26.62	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	106.48%		
61) 1,2-Dichlorobenzene-d4	13.853	152	89545	28.40	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	113.60%		
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	2765	0.38	ug/L #	1
12) 1,1-Dichloroethene	4.025	96	1255	0.26	ug/L #	1
13) Acetone	4.123	43	11896	13.94	ug/L	97
14) Carbon disulfide	4.385	76	64576	4.46	ug/L	97
16) Methylene chloride	4.922	84	16607	2.64	ug/L	91
42) cis-1,3-Dichloropropene	10.031	75	4289	0.58	ug/L #	65
45) trans-1,3-Dichloropropene	10.579	75	2714	0.41	ug/L #	82
47) Tetrachloroethene	10.860	164	1574	0.42	ug/L	82
50) Dibromochloromethane	10.872	129	928	0.23	ug/L #	8
59) 1,2,3-Trichloropropane	13.554	75	12800	4.02	ug/L	91

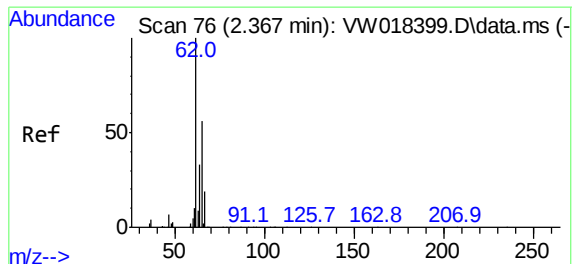
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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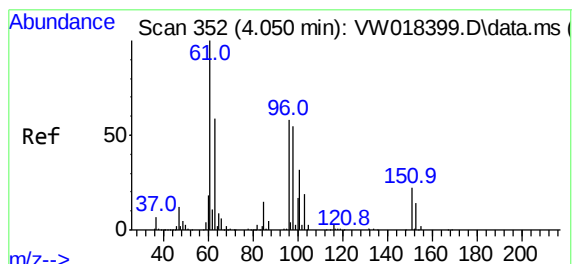
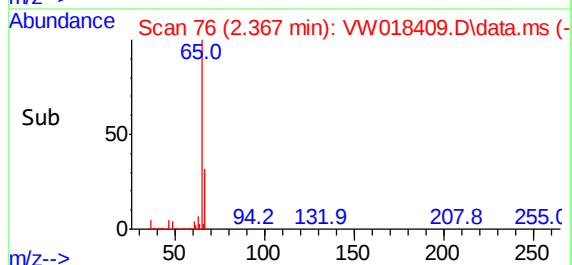
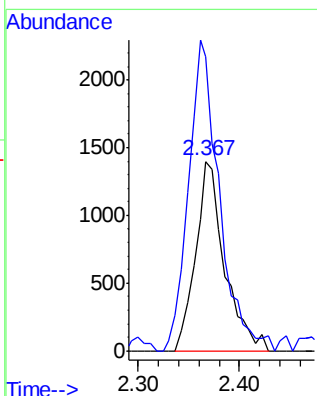
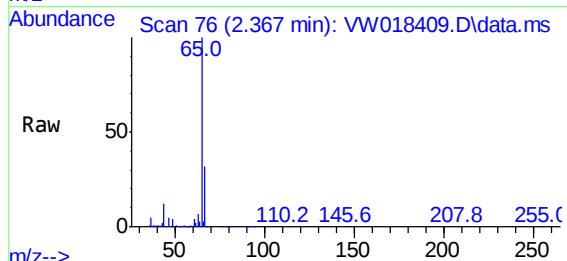




#5
 Vinyl chloride
 Concen: 0.38 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018409.D
 Acq: 20 Mar 2021 00:27

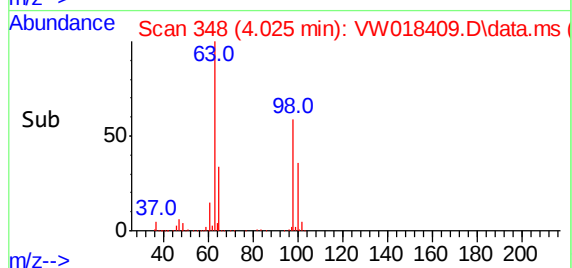
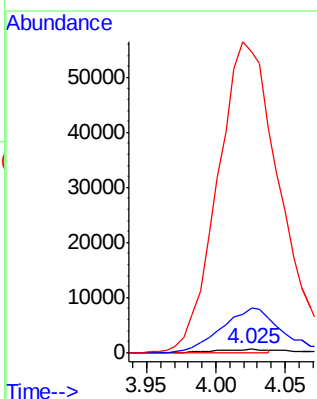
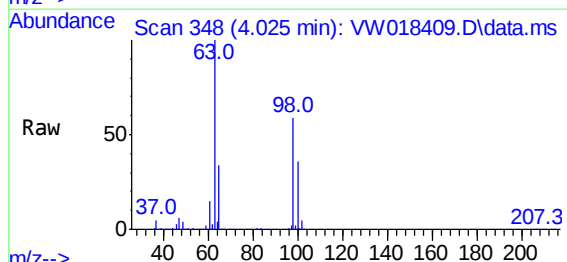
Instrument :
 MSVOA_W
 ClientSampleId :
 BG496RE

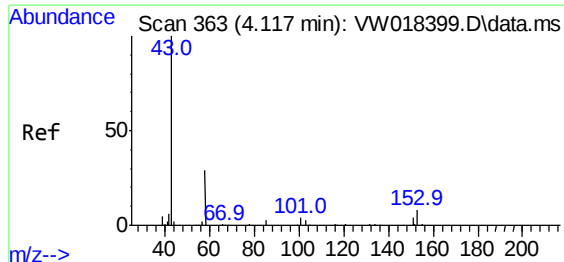
Tgt Ion: 62 Resp: 2765
 Ion Ratio Lower Upper
 62 100
 64 155.0 23.5 43.7#



#12
 1,1-Dichloroethene
 Concen: 0.26 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.024 min
 Lab File: VW018409.D
 Acq: 20 Mar 2021 00:27

Tgt Ion: 96 Resp: 1255
 Ion Ratio Lower Upper
 96 100
 61 1244.1 118.6 220.2#
 63 8437.0 82.4 153.0#

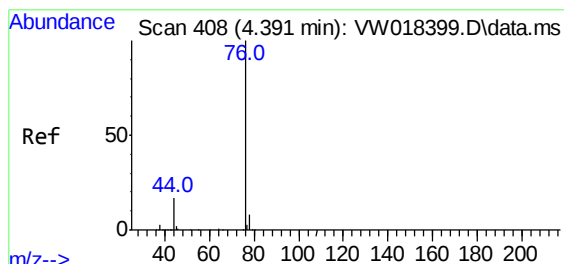
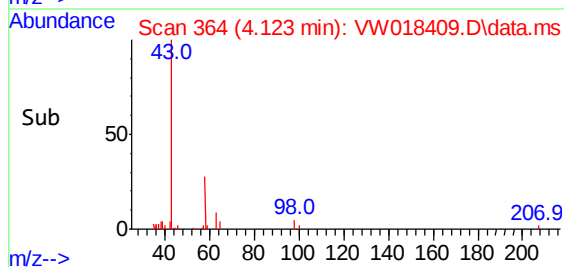
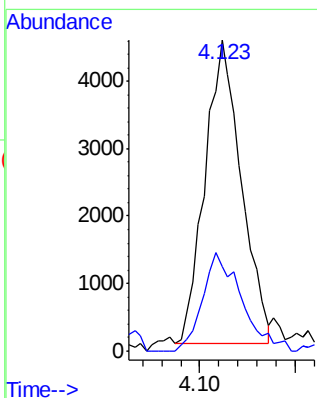
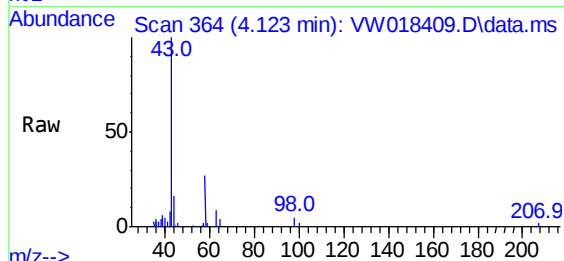




#13
Acetone
Concen: 13.94 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018409.D
Acq: 20 Mar 2021 00:27

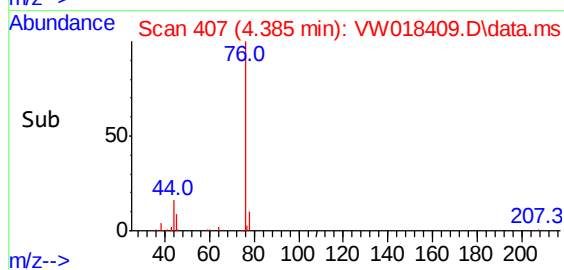
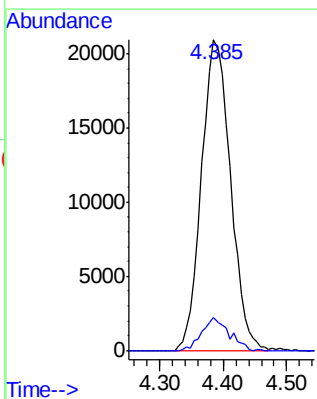
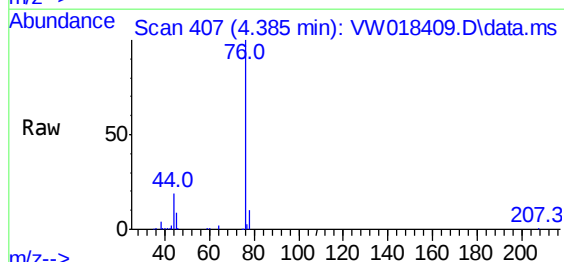
Instrument :
MSVOA_W
ClientSampled :
BG496RE

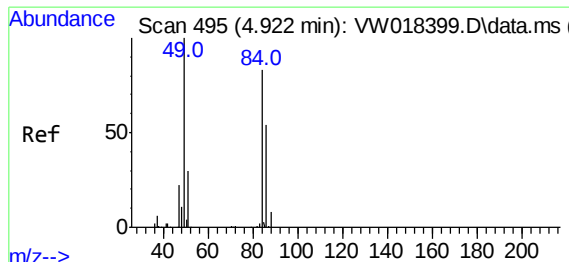
Tgt Ion: 43 Resp: 11896
Ion Ratio Lower Upper
43 100
58 32.6 0.0 62.2



#14
Carbon disulfide
Concen: 4.46 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW018409.D
Acq: 20 Mar 2021 00:27

Tgt Ion: 76 Resp: 64576
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.2



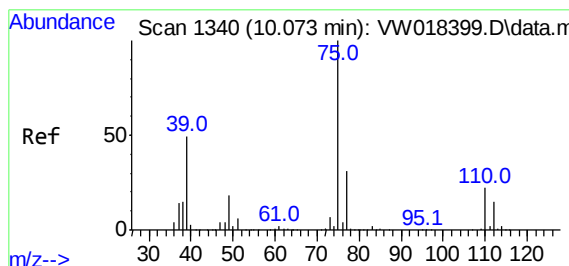
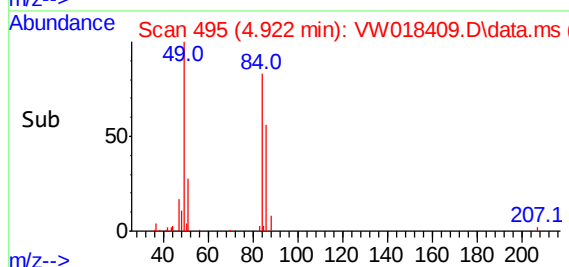
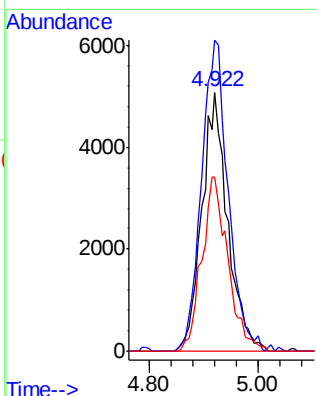
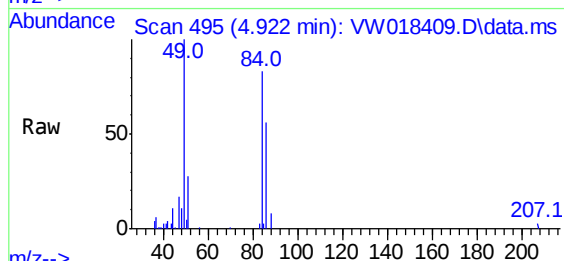


#16
Methylene chloride
Concen: 2.64 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018409.D
Acq: 20 Mar 2021 00:27

Instrument :
MSVOA_W
ClientSampleId :
BG496RE

Tgt Ion: 84 Resp: 16607

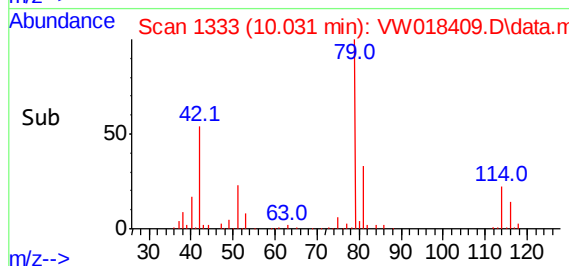
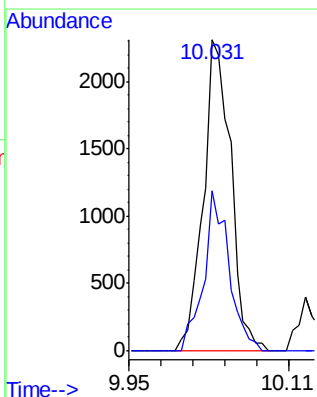
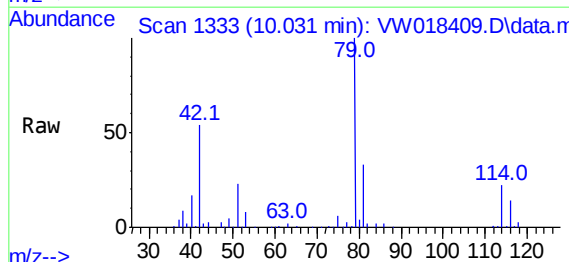
Ion	Ratio	Lower	Upper
84	100		
49	120.2	74.4	138.2
86	67.0	46.1	85.7

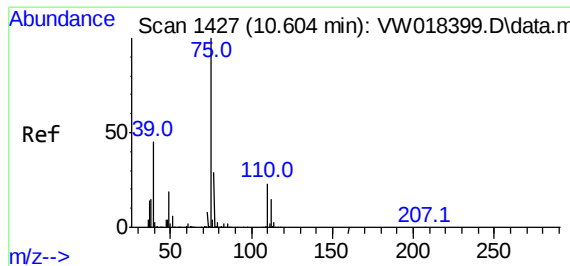


#42
cis-1,3-Dichloropropene
Concen: 0.58 ug/L
RT: 10.031 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018409.D
Acq: 20 Mar 2021 00:27

Tgt Ion: 75 Resp: 4289

Ion	Ratio	Lower	Upper
75	100		
77	51.3	22.4	41.6

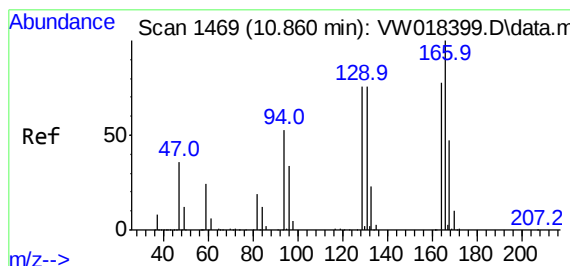
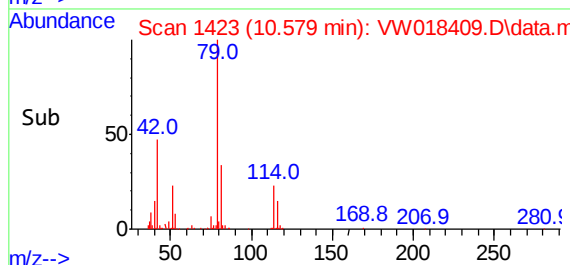
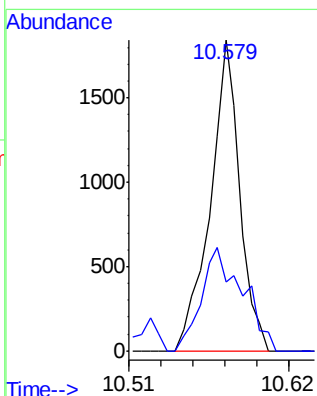
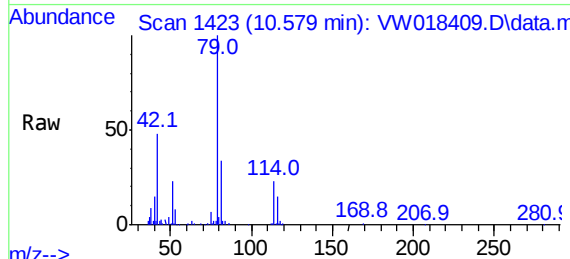




#45
trans-1,3-Dichloropropene
Concen: 0.41 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018409.D
Acq: 20 Mar 2021 00:27

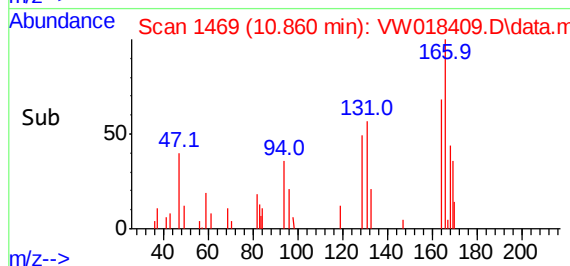
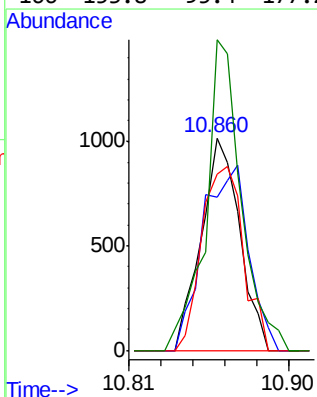
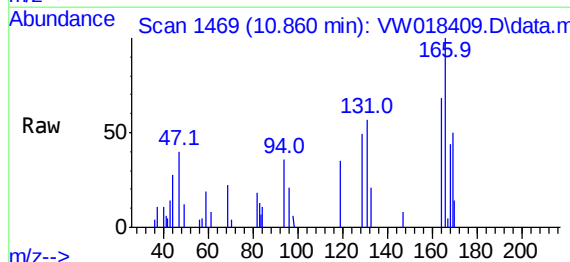
Instrument :
MSVOA_W
ClientSampled :
BG496RE

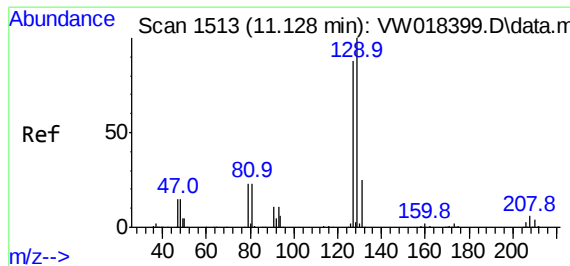
Tgt Ion: 75 Resp: 2714
Ion Ratio Lower Upper
75 100
77 22.2 22.6 42.0#



#47
Tetrachloroethene
Concen: 0.42 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018409.D
Acq: 20 Mar 2021 00:27

Tgt Ion: 164 Resp: 1574
Ion Ratio Lower Upper
164 100
129 72.2 68.8 127.8
131 82.8 68.3 126.8
166 153.8 95.4 177.2

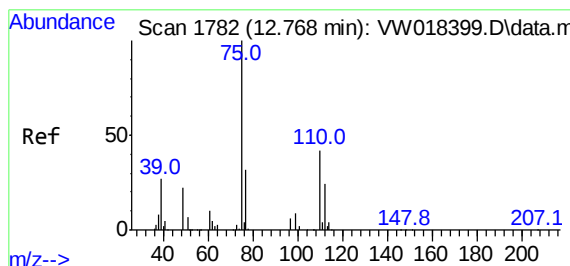
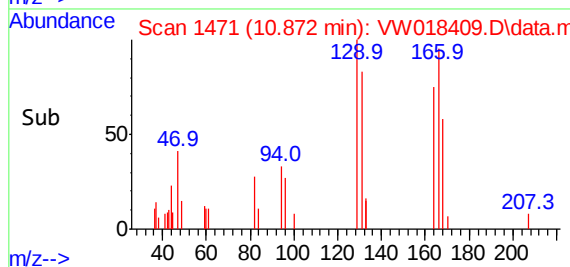
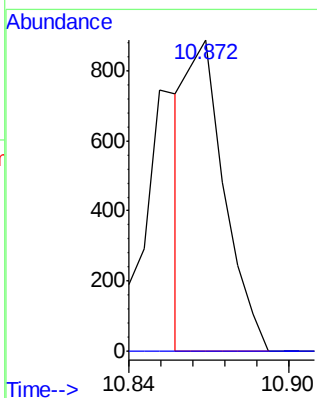
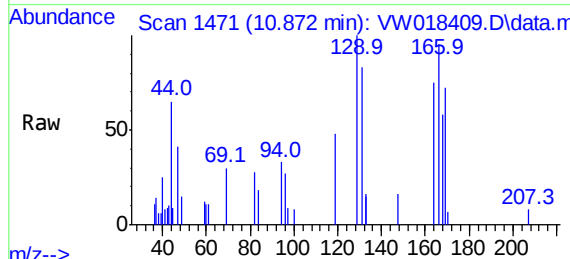




#50
Dibromochloromethane
Concen: 0.23 ug/L
RT: 10.872 min Scan# 1471
Delta R.T. -0.256 min
Lab File: VW018409.D
Acq: 20 Mar 2021 00:27

Instrument :
MSVOA_W
ClientSampleID :
BG496RE

Tgt Ion: 129 Resp: 928
Ion Ratio Lower Upper
129 100
127 0.0 58.0 107.6#



#59
1,2,3-Trichloropropane
Concen: 4.02 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018409.D
Acq: 20 Mar 2021 00:27

Tgt Ion: 75 Resp: 12800
Ion Ratio Lower Upper
75 100
77 37.2 25.6 38.4

