

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032221\
 Data File : VW018415.D
 Acq On : 22 Mar 2021 11:55
 Operator : SY/VA
 Sample : M1698-01RE
 Misc : 5.82G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4H1RE

Quant Time: Mar 23 01:16:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 23 01:15:18 2021
 Response via : Initial Calibration

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

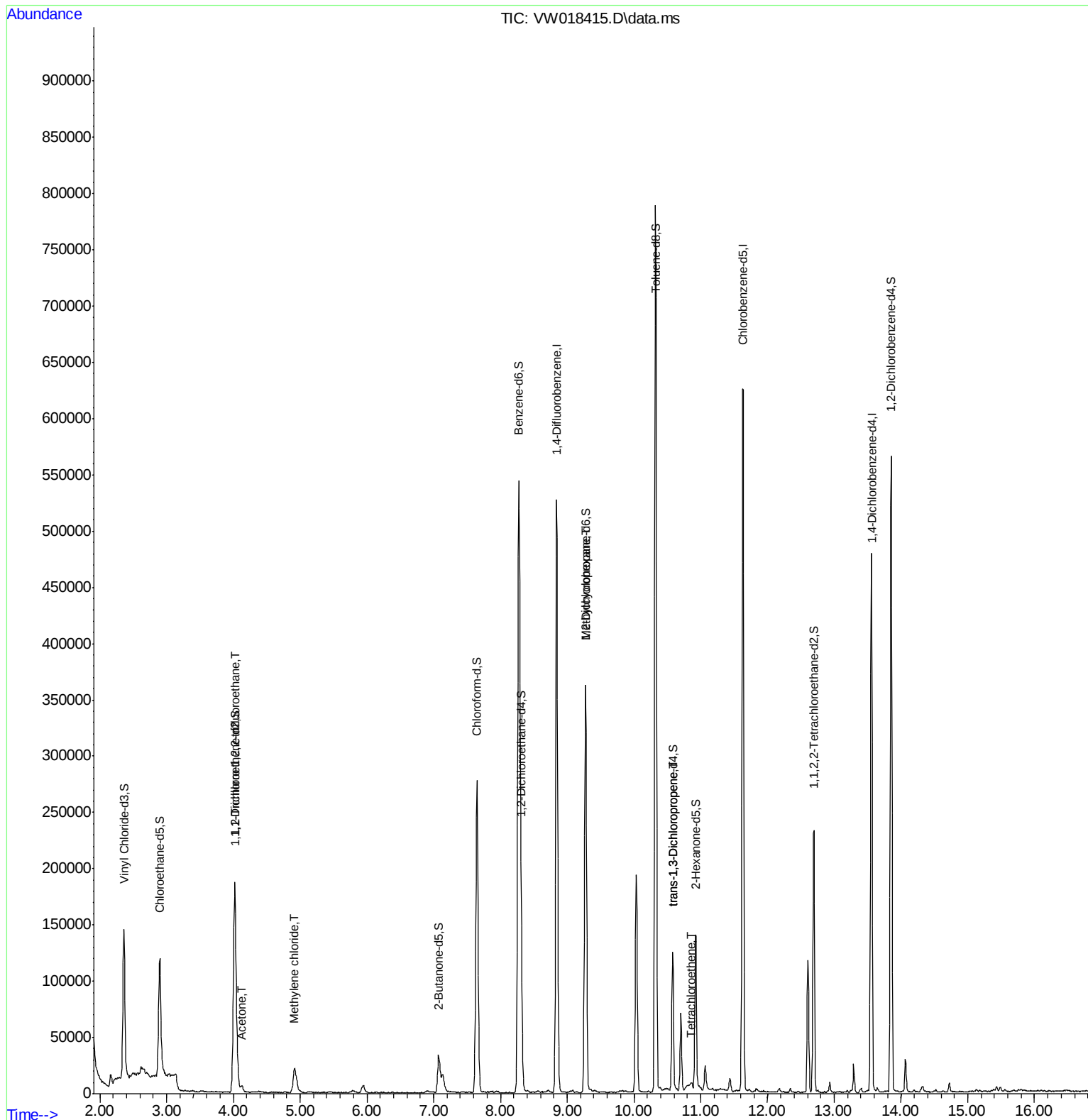
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	442108	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	346374	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	116530	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	160619	26.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.44%
7) Chloroethane-d5	2.898	69	143069	26.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.28%
10) 1,1-Dichloroethene-d2	4.019	63	199248	18.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.04%
20) 2-Butanone-d5	7.074	46	56185	41.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.04%
24) Chloroform-d	7.647	84	271682	24.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.52%
26) 1,2-Dichloroethane-d4	8.311	65	151753	23.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.36%
29) Benzene-d6	8.275	84	544172	29.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.20%
33) 1,2-Dichloropropane-d6	9.275	67	156691	29.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.00%
37) Toluene-d8	10.323	98	513697	28.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.88%
38) trans-1,3-Dichloroprop...	10.579	79	65596	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.80%
39) 2-Hexanone-d5	10.921	63	48770	46.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.84%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	111867	23.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.16%
61) 1,2-Dichlorobenzene-d4	13.853	152	135538	32.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	130.88%#
Target Compounds						
11) 1,1,2-Trichloro-1,2,2-...	4.025	101	1949	0.36	ug/L #	20
13) Acetone	4.123	43	7649	7.77	ug/L	96
16) Methylene chloride	4.916	84	18695	2.58	ug/L	92
36) Methylcyclohexane	9.275	83	39332	4.05	ug/L #	21
45) trans-1,3-Dichloropropene	10.579	75	3841	0.52	ug/L #	81
47) Tetrachloroethene	10.860	164	1370	0.33	ug/L	77

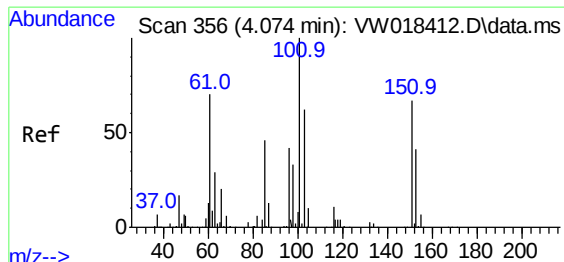
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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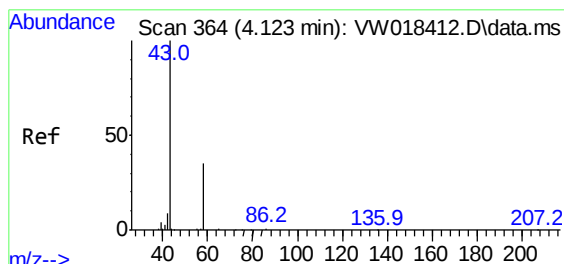
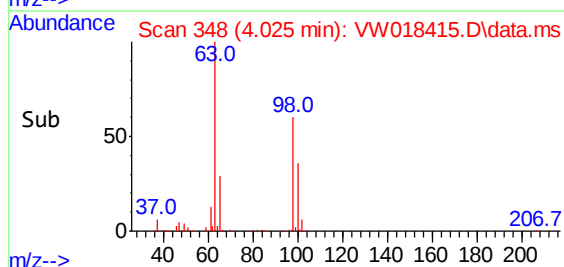
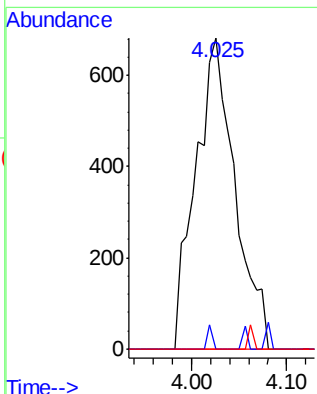
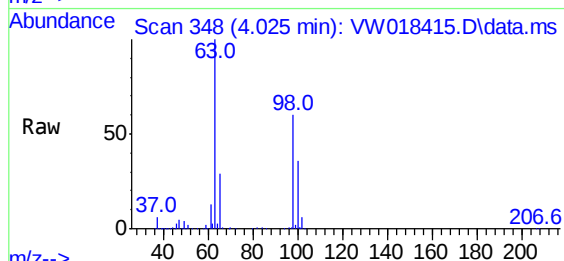




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.36 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.049 min
 Lab File: VW018415.D
 Acq: 22 Mar 2021 11:55

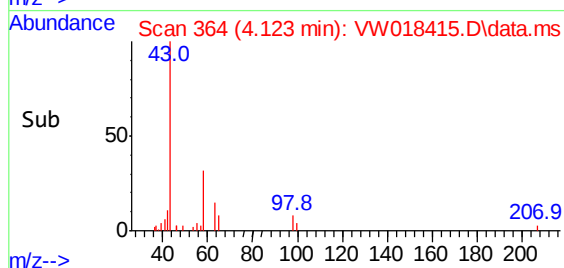
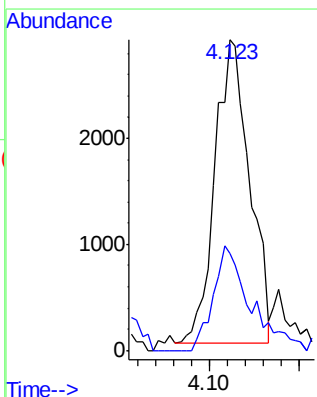
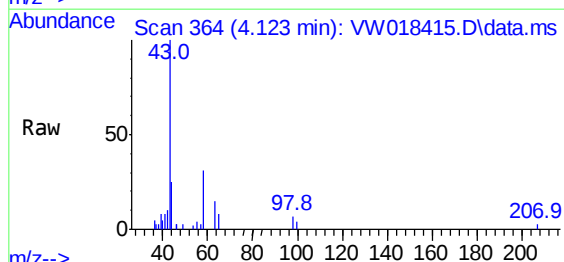
Instrument :
 MSVOA_W
 ClientSampleId :
 BG4H1RE

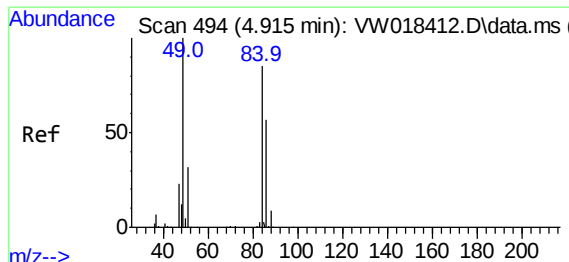
Tgt Ion:101 Resp: 1949
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 58.1 87.1#



#13
 Acetone
 Concen: 7.77 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. 0.000 min
 Lab File: VW018415.D
 Acq: 22 Mar 2021 11:55

Tgt Ion: 43 Resp: 7649
 Ion Ratio Lower Upper
 43 100
 58 28.7 0.0 62.2



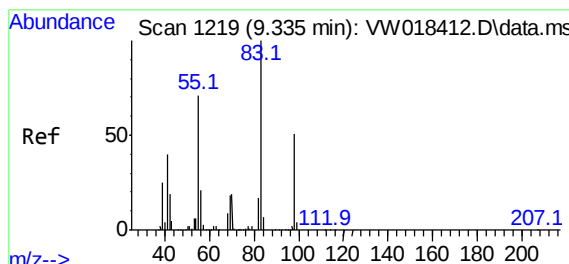
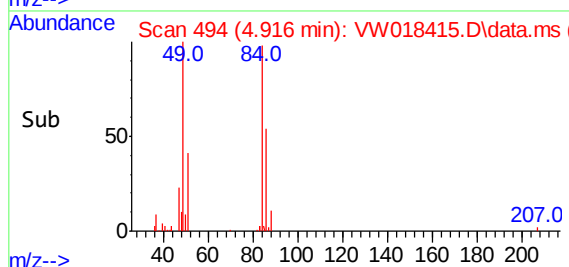
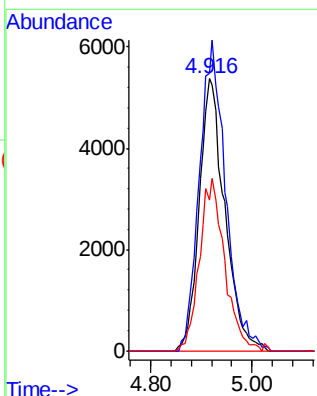
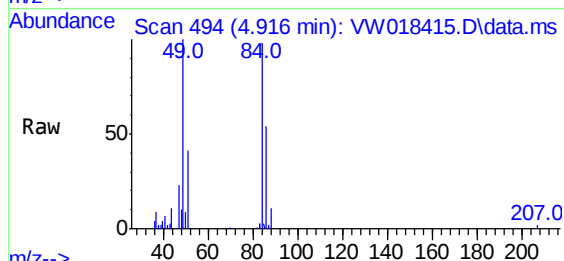


#16
Methylene chloride
Concen: 2.58 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018415.D
Acq: 22 Mar 2021 11:55

Instrument :
MSVOA_W
ClientSampleId :
BG4H1RE

Tgt Ion: 84 Resp: 18695

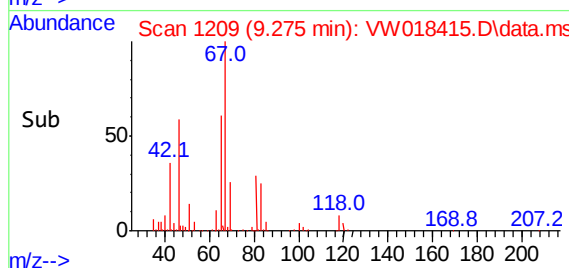
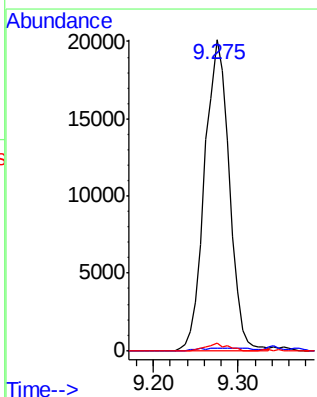
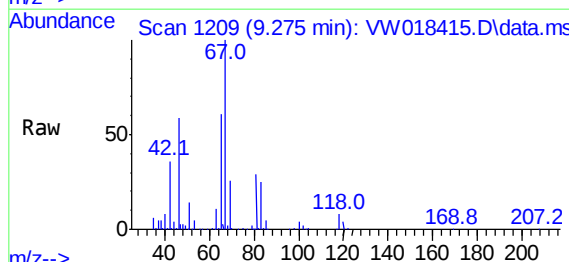
Ion	Ratio	Lower	Upper
84	100		
49	101.8	74.4	138.2
86	55.5	46.1	85.7

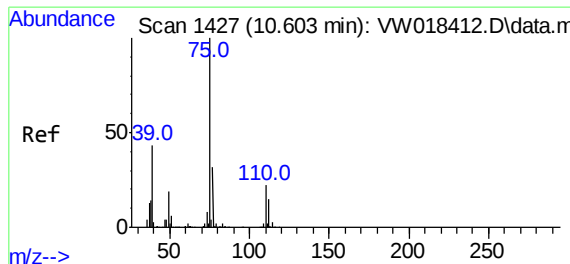


#36
Methylcyclohexane
Concen: 4.05 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018415.D
Acq: 22 Mar 2021 11:55

Tgt Ion: 83 Resp: 39332

Ion	Ratio	Lower	Upper
83	100		
55	0.3	56.8	85.2#
98	1.8	40.6	61.0#

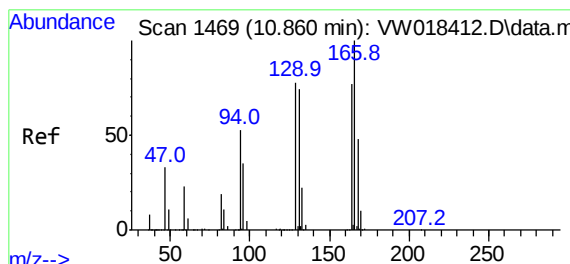
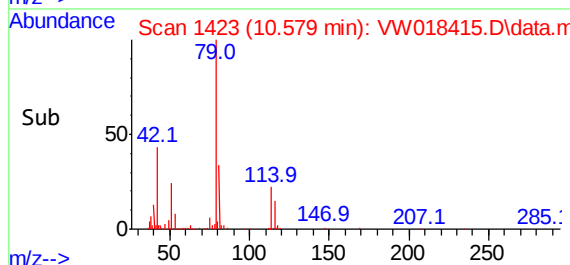
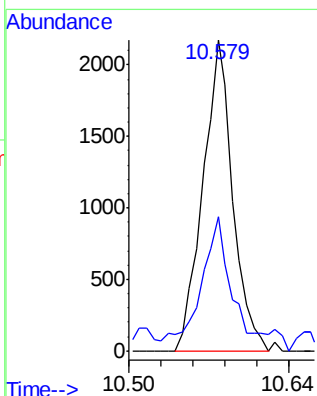
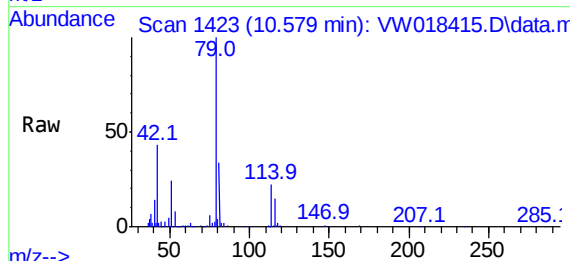




#45
trans-1,3-Dichloropropene
Concen: 0.52 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018415.D
Acq: 22 Mar 2021 11:55

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Tgt Ion: 75 Resp: 3841
Ion Ratio Lower Upper
75 100
77 43.1 22.6 42.0#



#47
Tetrachloroethene
Concen: 0.33 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018415.D
Acq: 22 Mar 2021 11:55

Tgt Ion: 164 Resp: 1370
Ion Ratio Lower Upper
164 100
129 76.6 68.8 127.8
131 69.2 68.3 126.8
166 113.4 95.4 177.2

