

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018407.D
 Acq On : 19 Mar 2021 23:39
 Operator : SY/VA
 Sample : M1685-08RE
 Misc : 5.54G/10ML/MSVOA_W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG494RE

Quant Time: Mar 20 04:01:51 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)

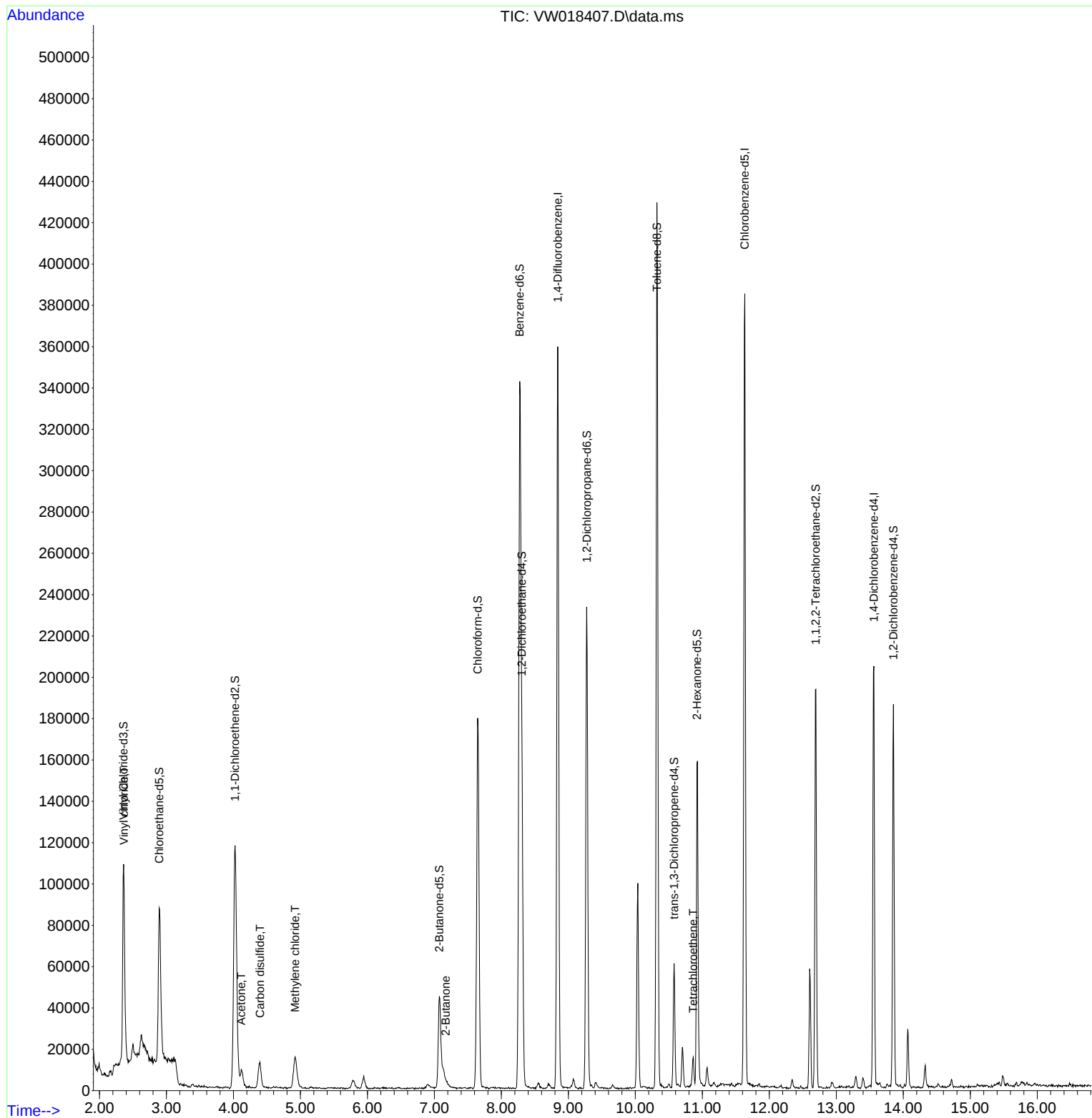
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	291050	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	204554	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	51118	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	114497	28.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.08%
7) Chloroethane-d5	2.891	69	103448	29.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.72%
10) 1,1-Dichloroethene-d2	4.025	63	129846	18.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.28%
20) 2-Butanone-d5	7.073	46	73946	82.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	164.02%#
24) Chloroform-d	7.646	84	177277	23.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.64%
26) 1,2-Dichloroethane-d4	8.305	65	111787	25.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.32%
29) Benzene-d6	8.274	84	345111	31.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.96%
33) 1,2-Dichloropropane-d6	9.274	67	102400	32.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	130.56%#
37) Toluene-d8	10.323	98	282554	26.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.96%
38) trans-1,3-Dichloroprop...	10.579	79	32432	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.20%
39) 2-Hexanone-d5	10.920	63	54977	89.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	179.12%#
48) 1,1,2,2-Tetrachloroeth...	12.694	84	94556	33.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	134.80%#
61) 1,2-Dichlorobenzene-d4	13.853	152	44439	24.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.80%
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.367	62	5172	0.93	ug/L #	18
13) Acetone	4.117	43	13477	20.81	ug/L	98
14) Carbon disulfide	4.397	76	22107	2.01	ug/L	97
16) Methylene chloride	4.921	84	11768	2.47	ug/L	94
21) 2-Butanone	7.171	43	3416	3.32	ug/L	93
47) Tetrachloroethene	10.865	164	2652	1.07	ug/L #	83

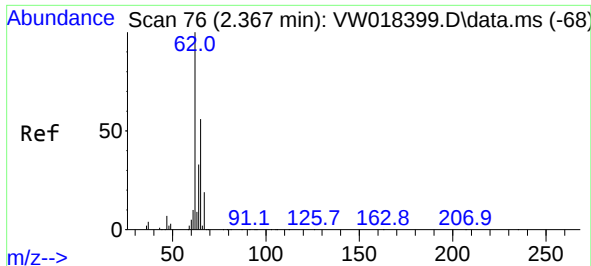
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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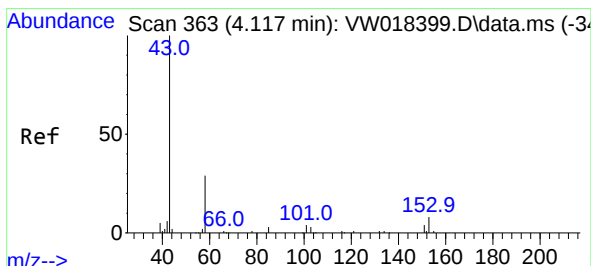
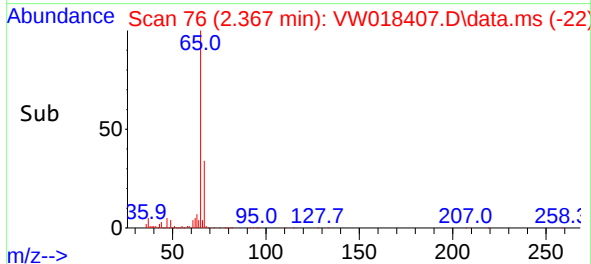
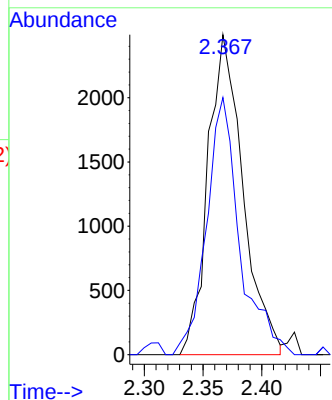
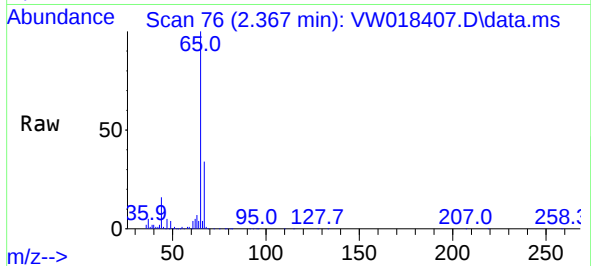




#5
Vinyl chloride
Concen: 0.93 ug/L
RT: 2.367 min Scan# 76
Delta R.T. -0.000 min
Lab File: VW018407.D
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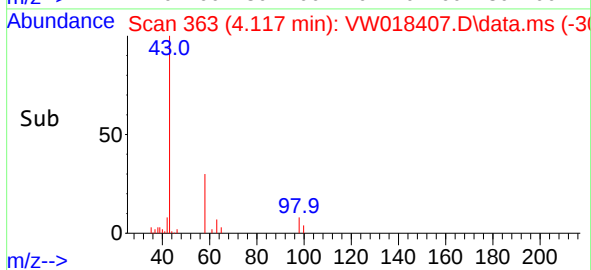
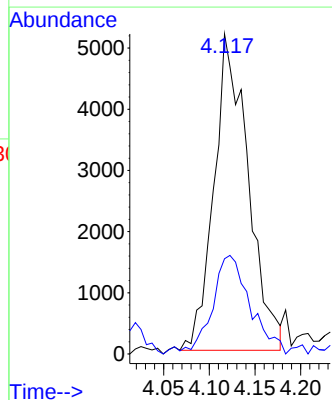
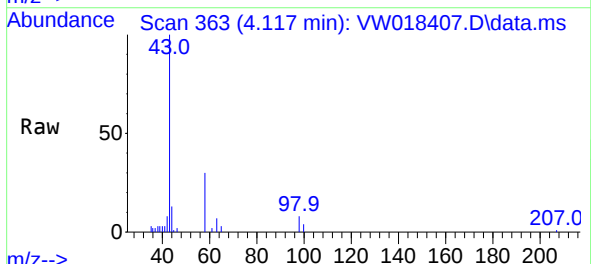
Instrument :
MSVOA_W
ClientSampled :
BG494RE

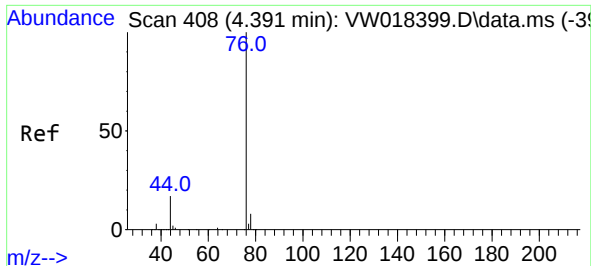
Tgt Ion: 62 Resp: 5172
Ion Ratio Lower Upper
62 100
64 80.4 23.5 43.7#



#13
Acetone
Concen: 20.81 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW018407.D
Acq: 19 Mar 2021 23:39

Tgt Ion: 43 Resp: 13477
Ion Ratio Lower Upper
43 100
58 32.3 0.0 62.2

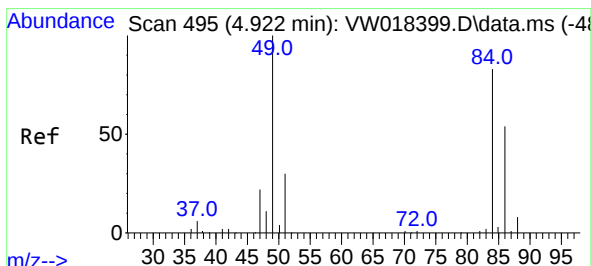
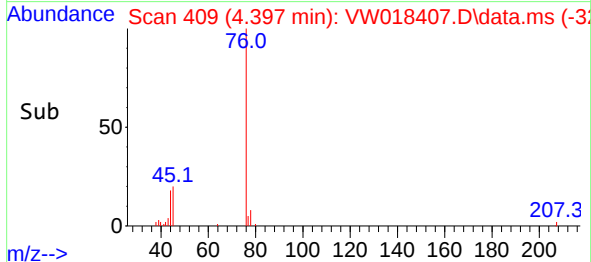
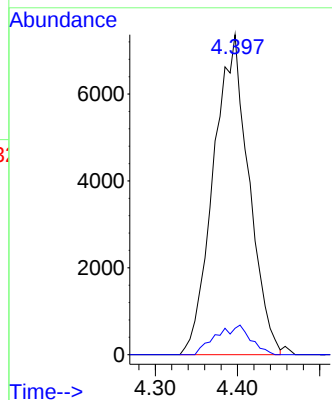
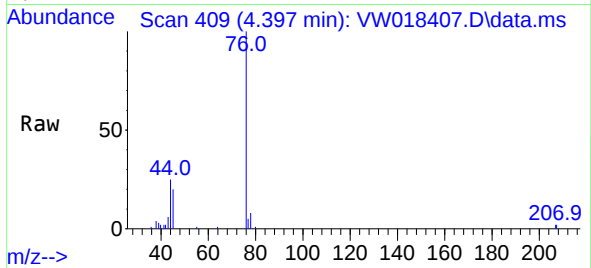




#14
Carbon disulfide
Concen: 2.01 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.006 min
Lab File: VW018407.D
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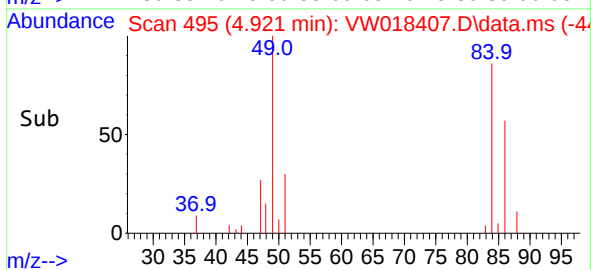
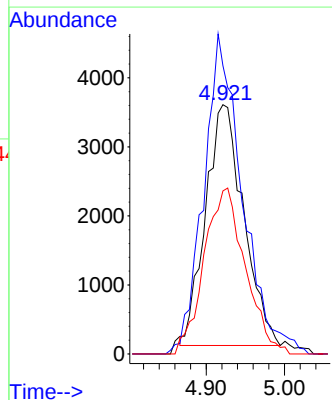
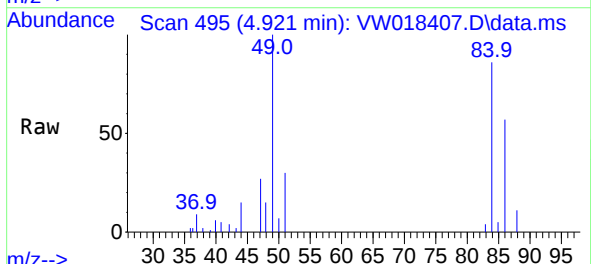
Instrument :
MSVOA_W
ClientSampled :
BG494RE

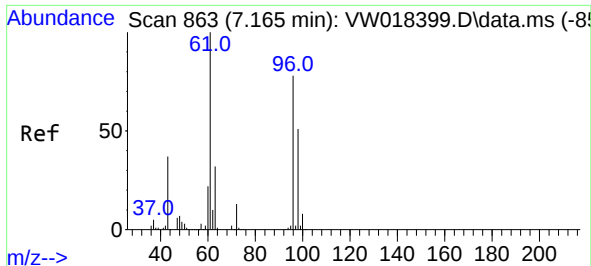
Tgt Ion: 76 Resp: 22107
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2



#16
Methylene chloride
Concen: 2.47 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018407.D
Acq: 19 Mar 2021 23:39

Tgt Ion: 84 Resp: 11768
Ion Ratio Lower Upper
84 100
49 115.7 74.4 138.2
86 65.4 46.1 85.7

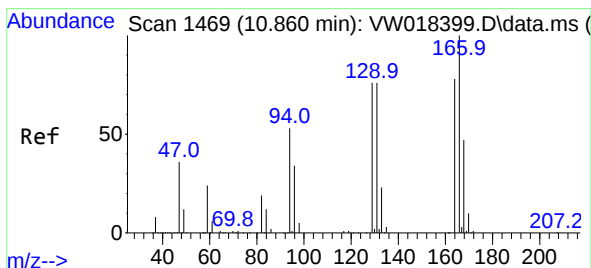
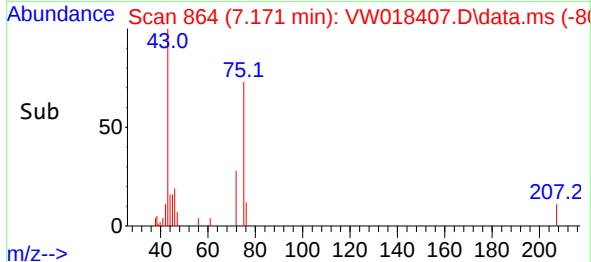
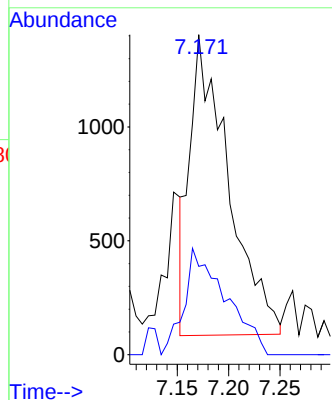
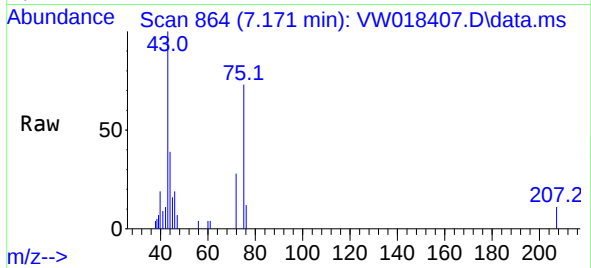




#21
2-Butanone
Concen: 3.32 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018407.D
Acq: 19 Mar 2021 23:39

Instrument :
MSVOA_W
ClientSampled :
BG494RE

Tgt Ion: 43 Resp: 3416
Ion Ratio Lower Upper
43 100
72 28.9 16.5 49.5



#47
Tetrachloroethene
Concen: 1.07 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018407.D
Acq: 19 Mar 2021 23:39

Tgt Ion: 164 Resp: 2652
Ion Ratio Lower Upper
164 100
129 140.0 68.8 127.8#
131 106.2 68.3 126.8
166 141.6 95.4 177.2

