

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032921\
 Data File : VW018480.D
 Acq On : 29 Mar 2021 12:53
 Operator : SY/VA
 Sample : M1816-13
 Misc : 5.87G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3P6

Quant Time: Mar 30 03:12:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 30 03:10:03 2021
 Response via : Initial Calibration

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

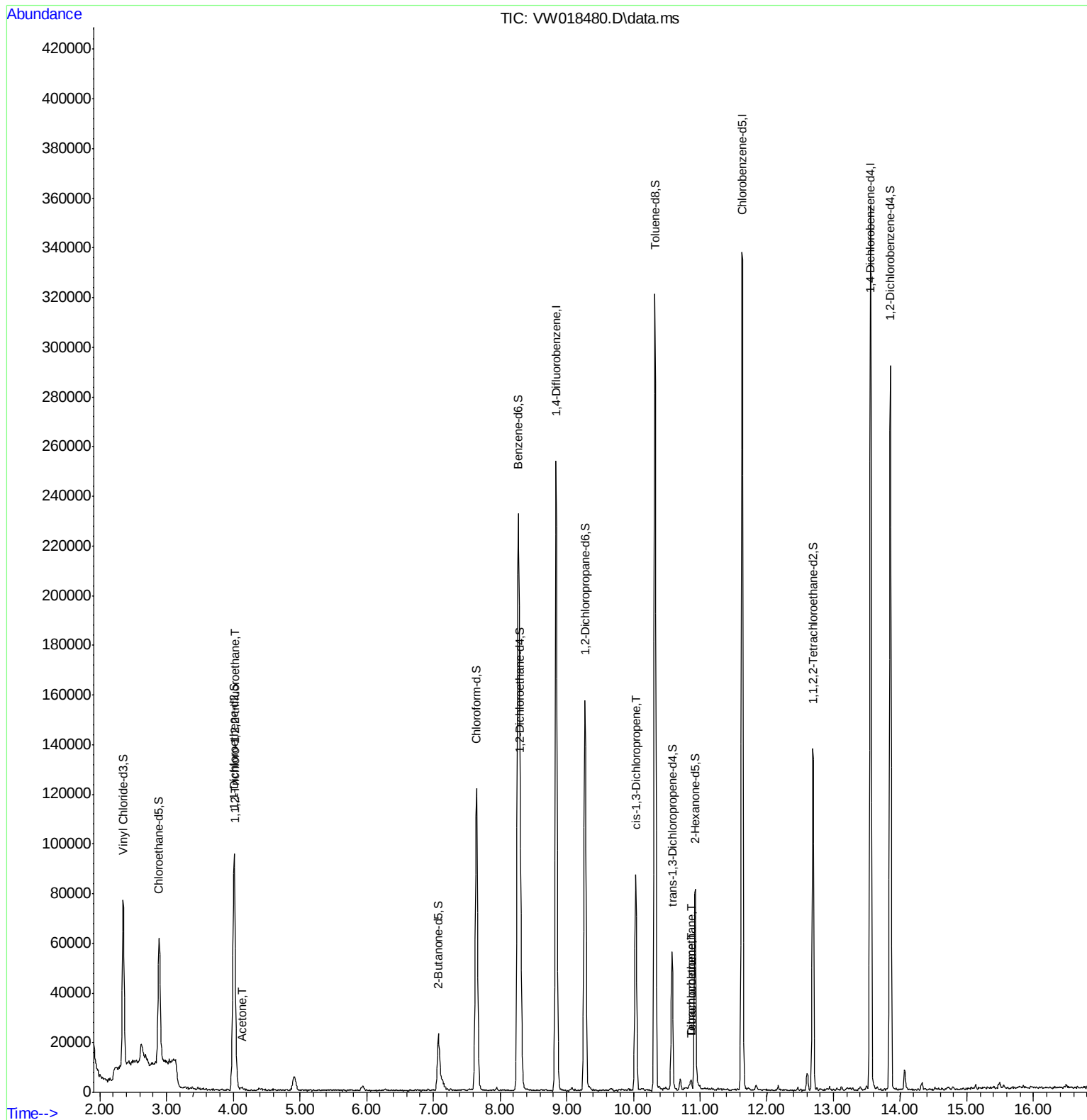
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	207899	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	185632	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	86999	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	71090	24.57	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.28%		
7) Chloroethane-d5	2.885	69	63318	25.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	100.00%		
10) 1,1-Dichloroethene-d2	4.013	63	89557	17.93	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	71.72%		
20) 2-Butanone-d5	7.080	46	35583	55.25	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	110.50%		
24) Chloroform-d	7.647	84	122955	23.22	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.88%		
26) 1,2-Dichloroethane-d4	8.305	65	77360	25.03	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.12%		
29) Benzene-d6	8.275	84	232810	23.59	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	94.36%		
33) 1,2-Dichloropropane-d6	9.274	67	68012	23.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.56%		
37) Toluene-d8	10.323	98	211584	22.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	89.08%		
38) trans-1,3-Dichloroprop...	10.579	79	29626	20.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	80.72%		
39) 2-Hexanone-d5	10.927	63	29623	53.18	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	106.36%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	64557	25.35	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	101.40%		
61) 1,2-Dichlorobenzene-d4	13.853	152	70518	22.80	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.20%		
Target Compounds						
11) 1,1,2-Trichloro-1,2,2-...	4.019	101	651	0.25	ug/L #	20
13) Acetone	4.135	43	1471	3.18	ug/L	47
42) cis-1,3-Dichloropropene	10.037	75	2522	0.57	ug/L #	67
47) Tetrachloroethene	10.872	164	686	0.30	ug/L #	70
50) Dibromochloromethane	10.866	129	781	0.32	ug/L #	8

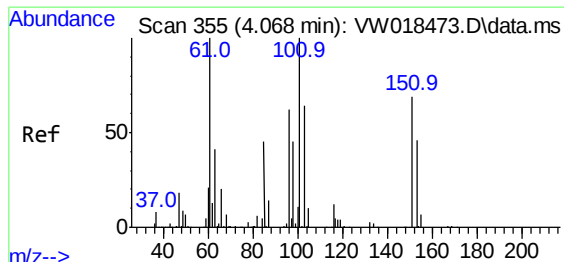
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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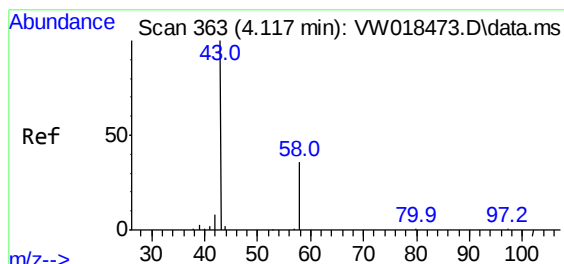
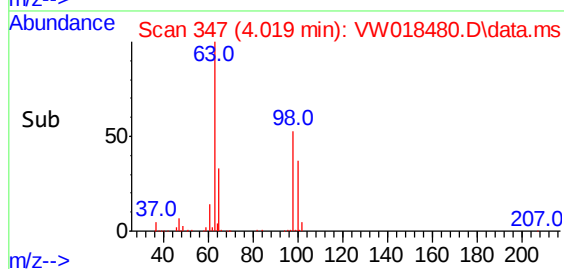
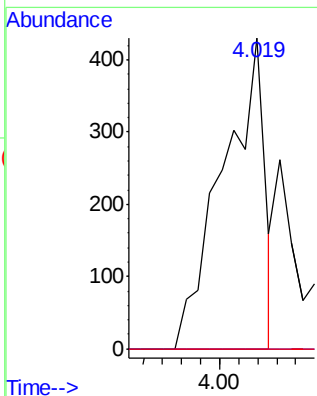
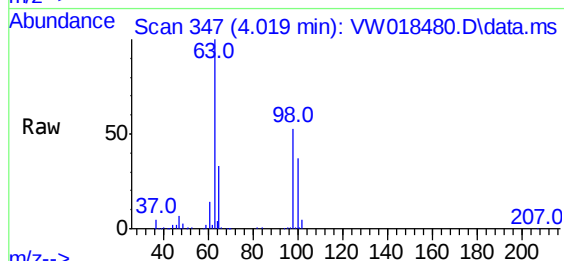




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.25 ug/L
 RT: 4.019 min Scan# 347
 Delta R.T. -0.049 min
 Lab File: VW018480.D
 Acq: 29 Mar 2021 12:53

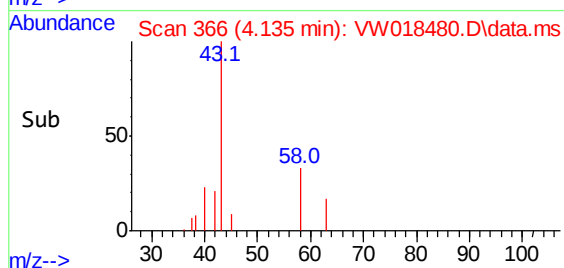
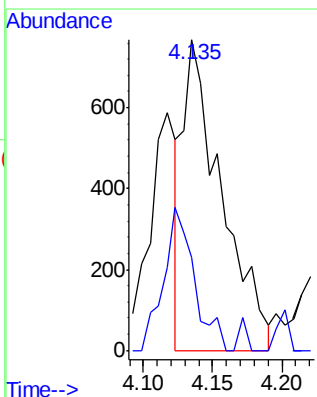
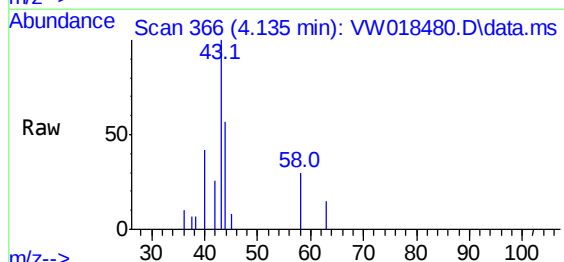
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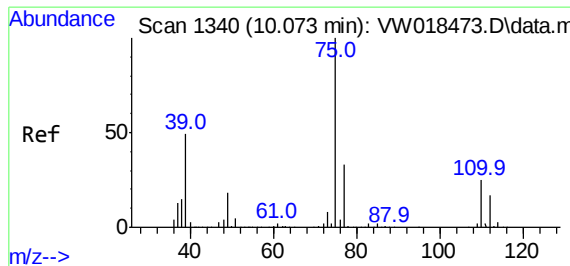
Tgt Ion:101 Resp: 651
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 58.1 87.1#



#13
 Acetone
 Concen: 3.18 ug/L
 RT: 4.135 min Scan# 366
 Delta R.T. 0.018 min
 Lab File: VW018480.D
 Acq: 29 Mar 2021 12:53

Tgt Ion: 43 Resp: 1471
 Ion Ratio Lower Upper
 43 100
 58 2.0 0.0 62.2

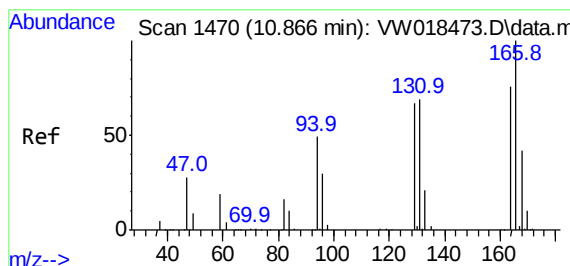
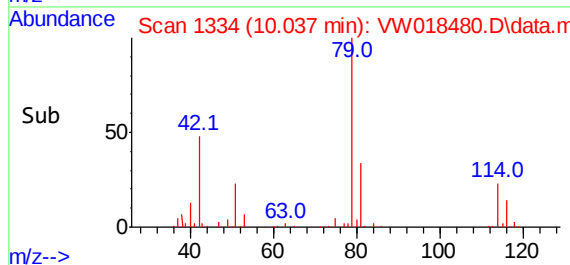
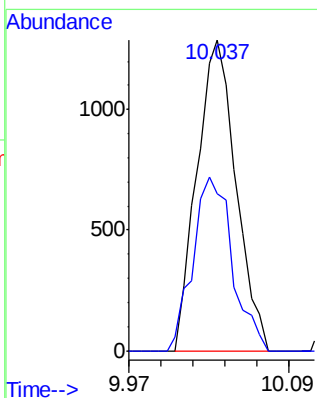
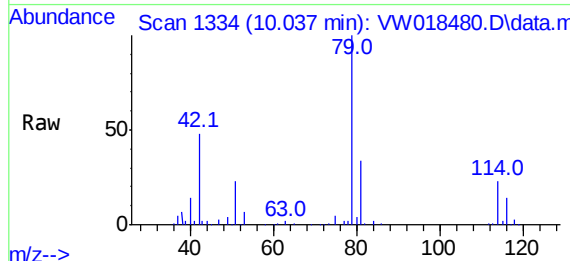




#42
cis-1,3-Dichloropropene
Concen: 0.57 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018480.D
Acq: 29 Mar 2021 12:53

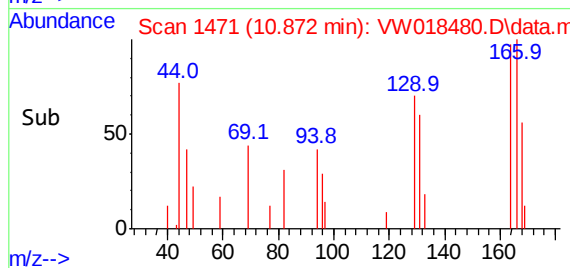
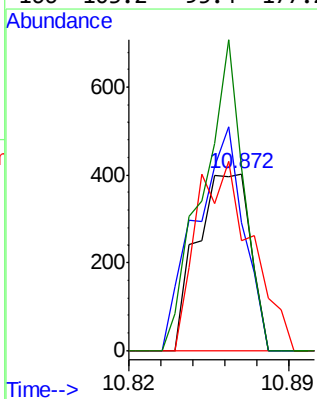
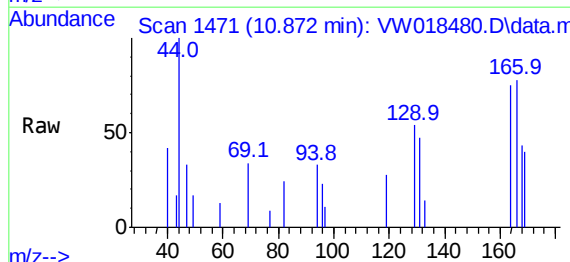
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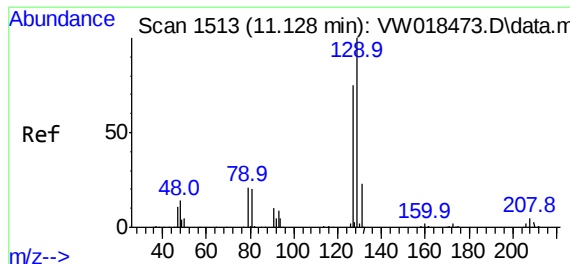
Tgt Ion: 75 Resp: 2522
Ion Ratio Lower Upper
75 100
77 50.5 22.4 41.6#



#47
Tetrachloroethene
Concen: 0.30 ug/L
RT: 10.872 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VW018480.D
Acq: 29 Mar 2021 12:53

Tgt Ion: 164 Resp: 686
Ion Ratio Lower Upper
164 100
129 72.2 68.8 127.8
131 61.8 68.3 126.8#
166 103.2 95.4 177.2





#50
 Dibromochloromethane
 Concen: 0.32 ug/L
 RT: 10.866 min Scan# 1470
 Delta R.T. -0.262 min
 Lab File: VW018480.D
 Acq: 29 Mar 2021 12:53

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3P6

Tgt Ion:129 Resp: 781
 Ion Ratio Lower Upper
 129 100
 127 0.0 58.0 107.6#

