

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
 Data File : VW018429.D
 Acq On : 23 Mar 2021 16:17
 Operator : SY/VA
 Sample : M1781-08
 Misc : 5.62G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4N4

Manual Integrations
 APPROVED

SAM
 3/26/2021 6:06:30 PM

Quant Time: Mar 24 01:26:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 24 01:23:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	383876	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	295551	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	89100	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	126479	23.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.72%		
7) Chloroethane-d5	2.891	69	117961	25.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	100.92%		
10) 1,1-Dichloroethene-d2	4.019	63	156601	16.98	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	67.92%		
20) 2-Butanone-d5	7.086	46	55866	46.97	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.94%		
24) Chloroform-d	7.653	84	210041	21.48	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.92%		
26) 1,2-Dichloroethane-d4	8.305	65	125426	21.98	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.92%		
29) Benzene-d6	8.275	84	399571	25.43	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	101.72%		
33) 1,2-Dichloropropane-d6	9.274	67	115422	25.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	101.88%		
37) Toluene-d8	10.323	98	337901	22.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	89.36%		
38) trans-1,3-Dichloroprop...	10.579	79	44957	19.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.92%		
39) 2-Hexanone-d5	10.927	63	43909	49.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.02%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	91831	22.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	90.60%		
61) 1,2-Dichlorobenzene-d4	13.853	152	58855	18.58	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	74.32%#		
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	3911	0.54	ug/L	# 7
13) Acetone	4.141	43	10900	12.76	ug/L	66
14) Carbon disulfide	4.379	76	3669	0.25	ug/L	98
16) Methylene chloride	4.915	84	8532m	1.36	ug/L	
34) Benzene	8.323	78	179066	10.46	ug/L	100

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

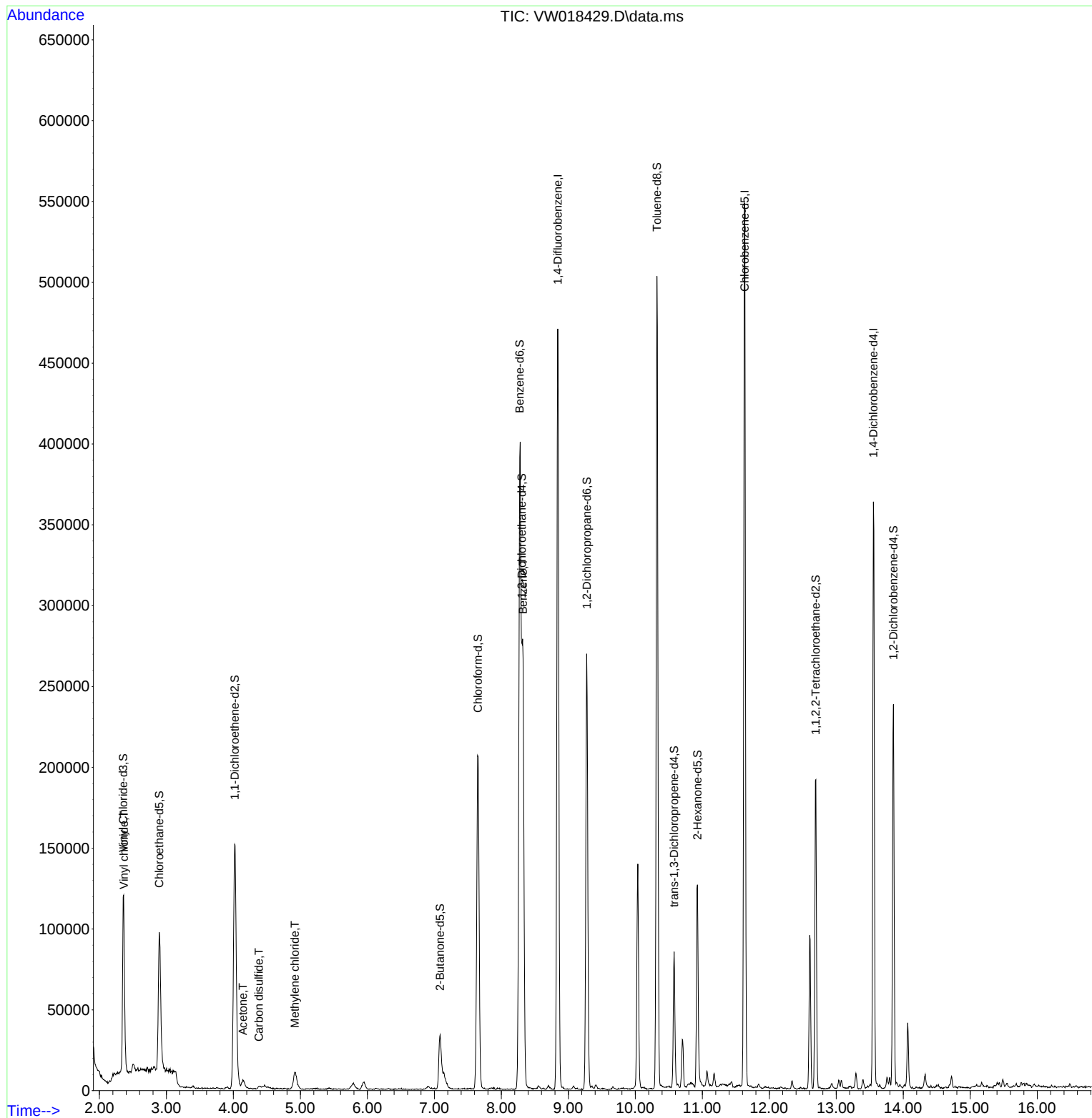
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018429.D
Acq On : 23 Mar 2021 16:17
Operator : SY/VA
Sample : M1781-08
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

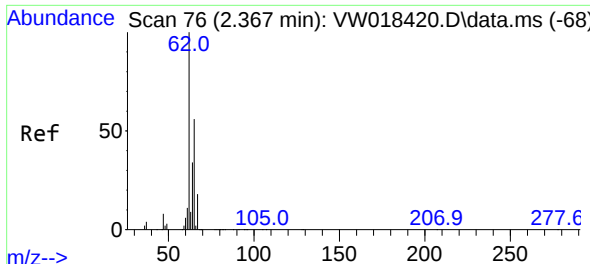
Instrument :
MSVOA_W
ClientSampleId :
BG4N4

Manual Integrations
APPROVED

SAM
3/26/2021 6:06:30 PM

Quant Time: Mar 24 01:26:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 24 01:23:39 2021
Response via : Initial Calibration





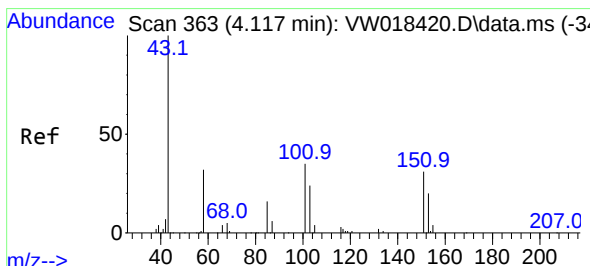
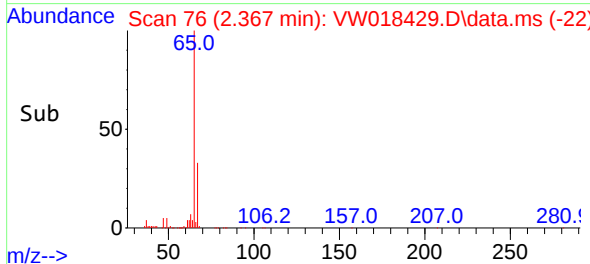
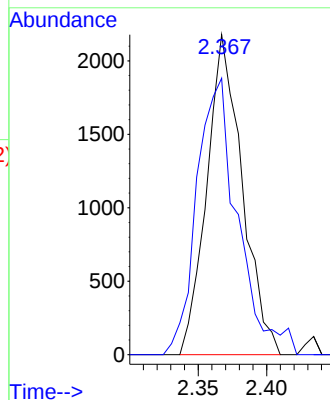
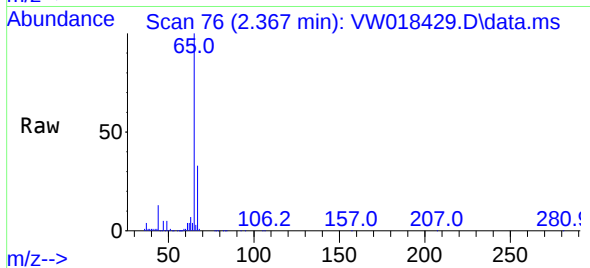
#5
 Vinyl chloride
 Concen: 0.54 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018429.D
 Acq: 23 Mar 2021 16:17

Tgt Ion: 62 Resp: 3911
 Ion Ratio Lower Upper
 62 100
 64 86.4 23.5 43.7#

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4N4

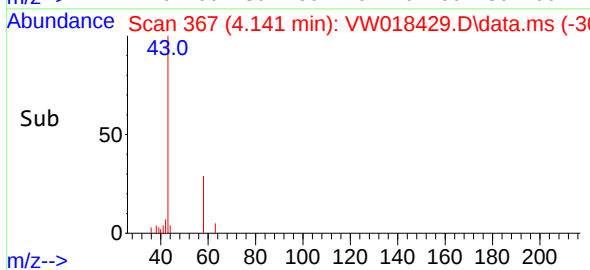
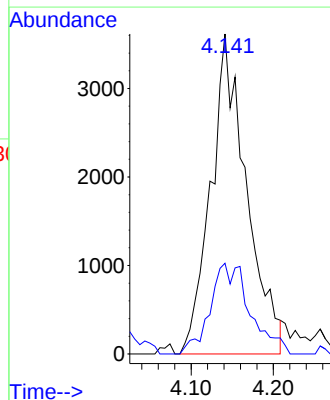
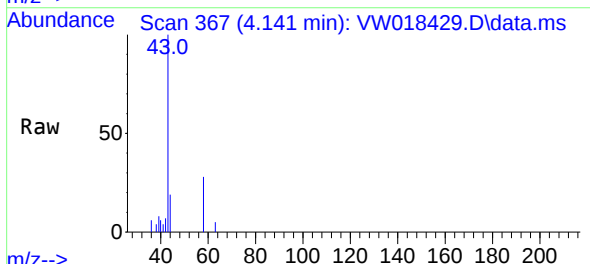
Manual Integrations
 APPROVED

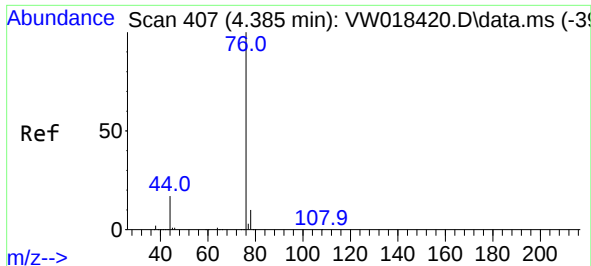
SAM
 3/26/2021 6:06:30 PM



#13
 Acetone
 Concen: 12.76 ug/L
 RT: 4.141 min Scan# 367
 Delta R.T. 0.024 min
 Lab File: VW018429.D
 Acq: 23 Mar 2021 16:17

Tgt Ion: 43 Resp: 10900
 Ion Ratio Lower Upper
 43 100
 58 12.2 0.0 62.2





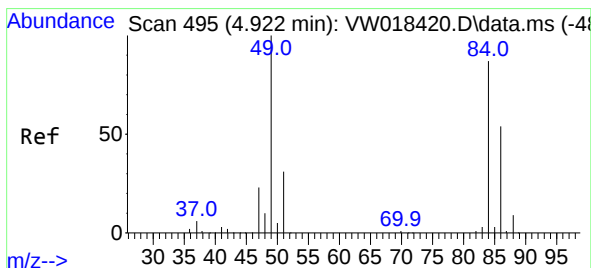
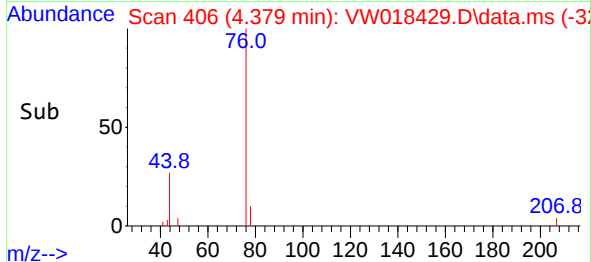
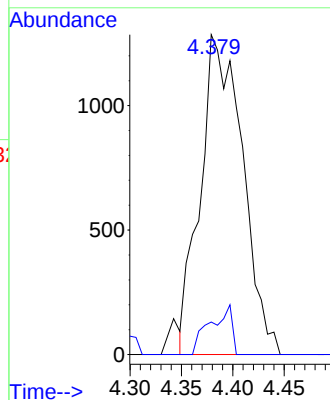
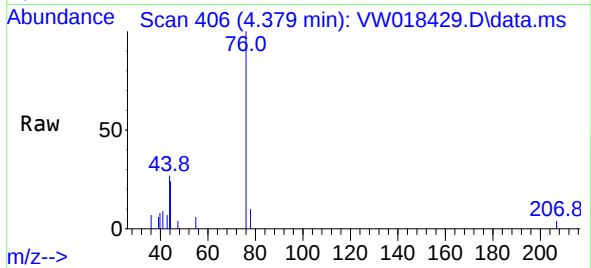
#14
Carbon disulfide
Concen: 0.25 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW018429.D
Acq: 23 Mar 2021 16:17

Tgt Ion: 76 Resp: 3669
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.2

Instrument :
MSVOA_W
ClientSampled :
BG4N4

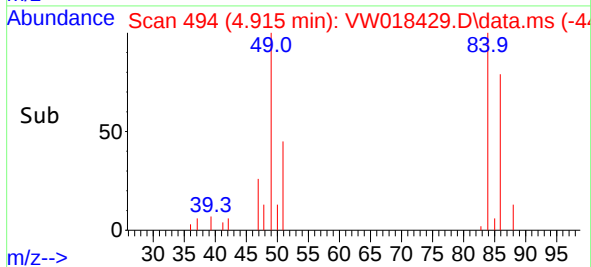
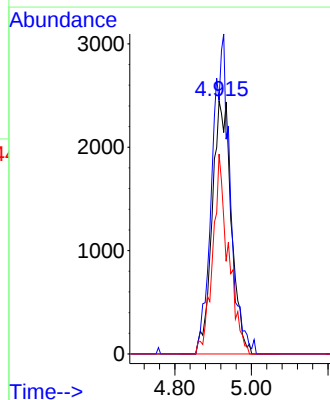
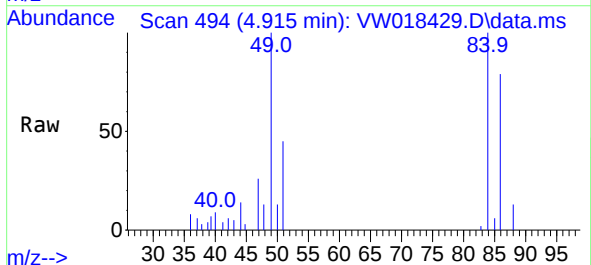
Manual Integrations
APPROVED

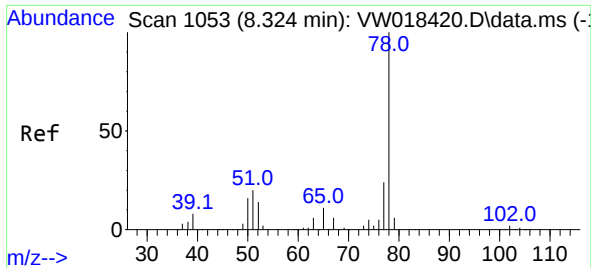
SAM
3/26/2021 6:06:30 PM



#16
Methylene chloride
Concen: 1.36 ug/L m
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018429.D
Acq: 23 Mar 2021 16:17

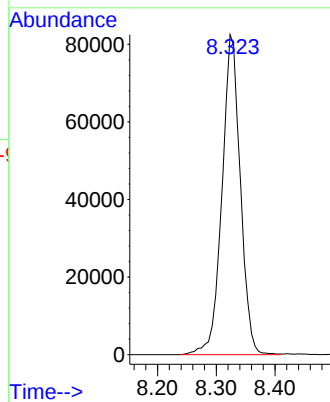
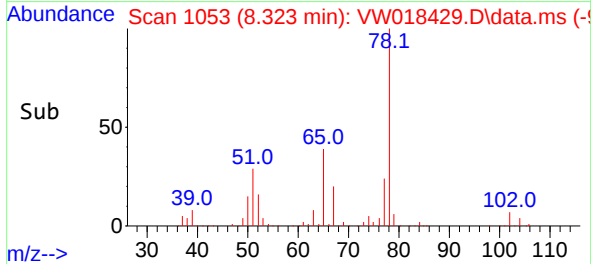
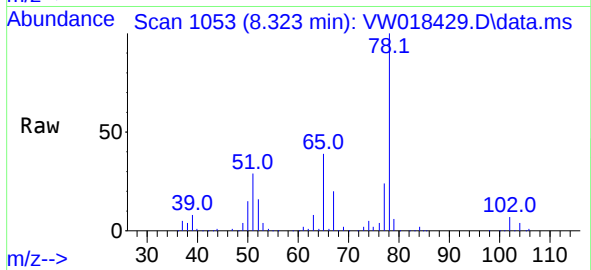
Tgt Ion: 84 Resp: 8532
Ion Ratio Lower Upper
84 100
49 100.2 74.4 138.2
86 78.9 46.1 85.7





#34
Benzene
Concen: 10.46 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018429.D
Acq: 23 Mar 2021 16:17

Tgt Ion: 78 Resp: 179066



Instrument :
MSVOA_W
ClientSampleId :
BG4N4

Manual Integrations
APPROVED

SAM
3/26/2021 6:06:30 PM