

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032921\
 Data File : VW018485.D
 Acq On : 29 Mar 2021 14:53
 Operator : SY/VA
 Sample : M1816-16
 Misc : 5.57G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Q2

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 10:55:54 AM

Quant Time: Mar 30 03:13:30 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	310272	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	233724	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	68186	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	99184	22.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.88%		
7) Chloroethane-d5	2.892	69	88201	23.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.36%		
10) 1,1-Dichloroethene-d2	4.019	63	112142	15.04	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	60.16%		
20) 2-Butanone-d5	7.074	46	67864	70.60	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	141.20%#		
24) Chloroform-d	7.647	84	173979	22.01	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	88.04%		
26) 1,2-Dichloroethane-d4	8.305	65	114403	24.80	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.20%		
29) Benzene-d6	8.275	84	322662	25.97	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	103.88%		
33) 1,2-Dichloropropane-d6	9.275	67	100754	28.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	112.44%		
37) Toluene-d8	10.323	98	275287	23.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.04%		
38) trans-1,3-Dichloroprop...	10.579	79	37322	20.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	80.76%		
39) 2-Hexanone-d5	10.927	63	52523	74.88	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	149.76%#		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	98697	30.78	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	123.12%#		
61) 1,2-Dichlorobenzene-d4	13.853	152	56634	23.36	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.44%		
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	6607	1.12	ug/L #	50
13) Acetone	4.123	43	7660	11.09	ug/L	92
14) Carbon disulfide	4.397	76	7582	0.65	ug/L #	85
16) Methylene chloride	4.909	84	6351m	1.25	ug/L	

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

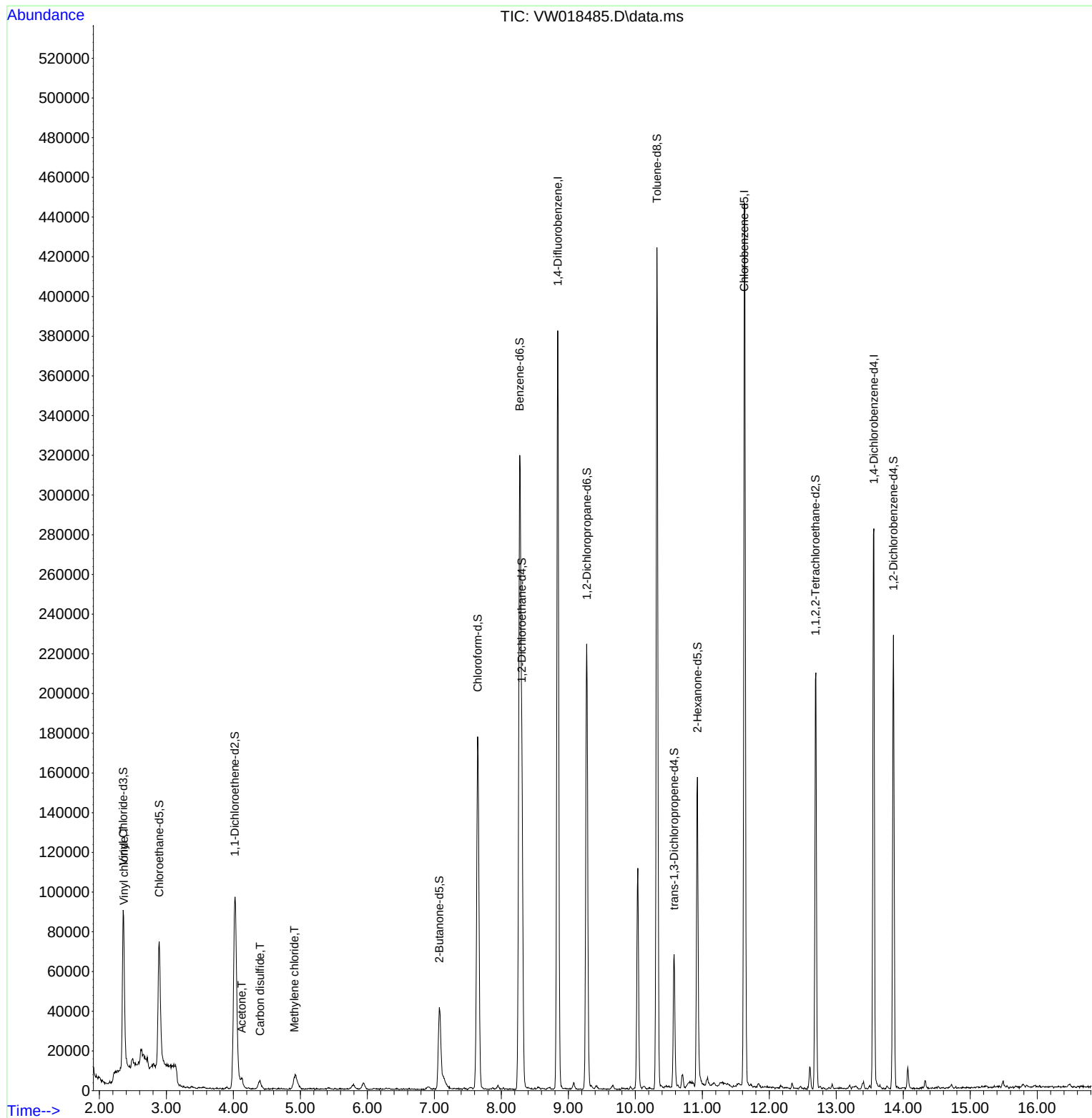
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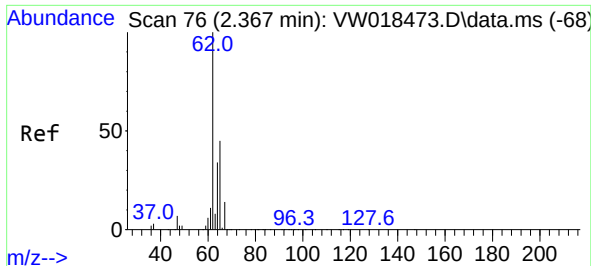
Instrument :
MSVOA_W
ClientSampled :
BG3Q2

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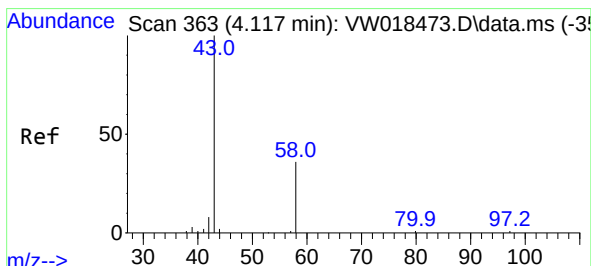
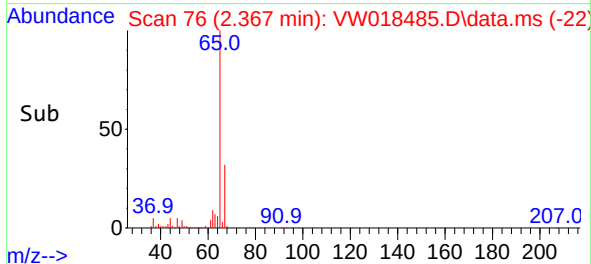
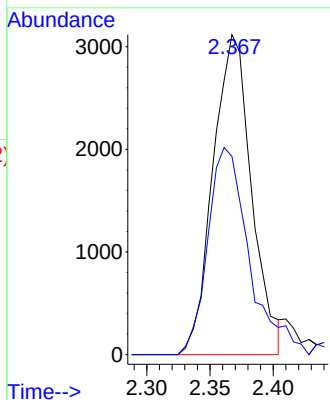
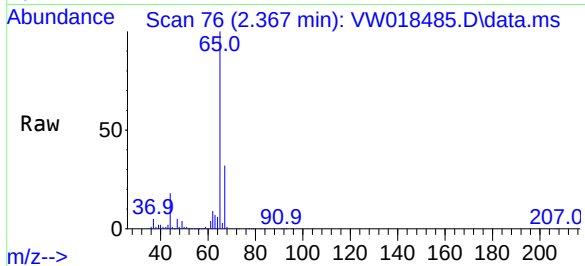
#5
 Vinyl chloride
 Concen: 1.12 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018485.D
 Acq: 29 Mar 2021 14:53

Tgt Ion: 62 Resp: 6607
 Ion Ratio Lower Upper
 62 100
 64 62.0 23.5 43.7#

Instrument :
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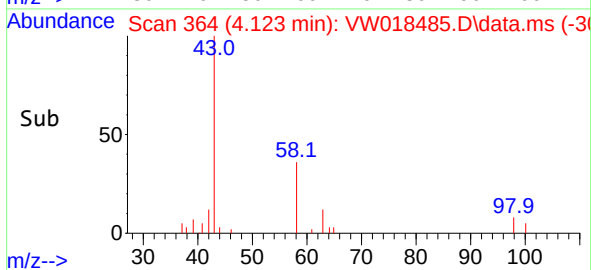
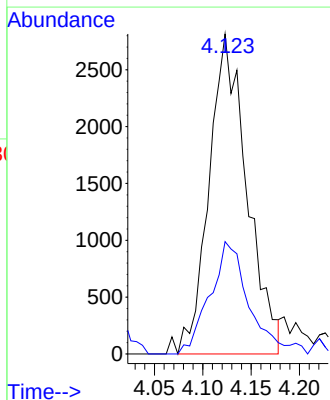
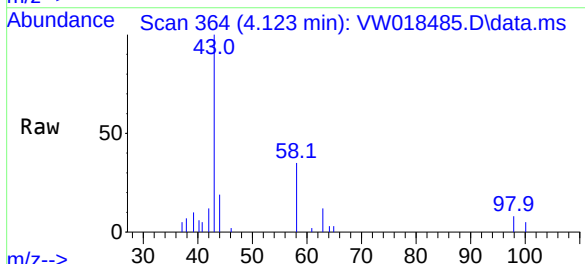
Manual Integrations
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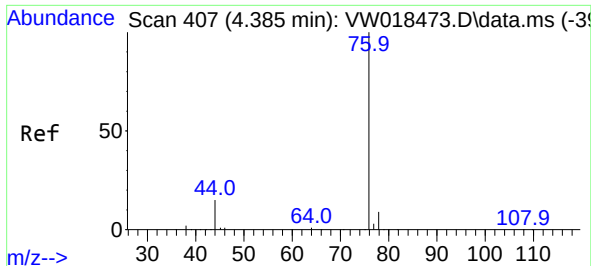
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#13
 Acetone
 Concen: 11.09 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. 0.006 min
 Lab File: VW018485.D
 Acq: 29 Mar 2021 14:53

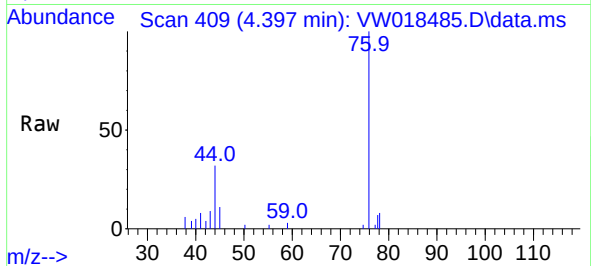
Tgt Ion: 43 Resp: 7660
 Ion Ratio Lower Upper
 43 100
 58 35.3 0.0 62.2





#14
Carbon disulfide
Concen: 0.65 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.012 min
Lab File: VW018485.D
Acq: 29 Mar 2021 14:53

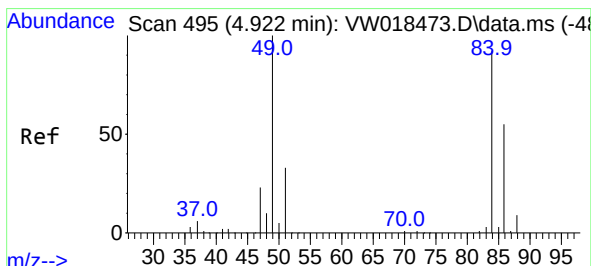
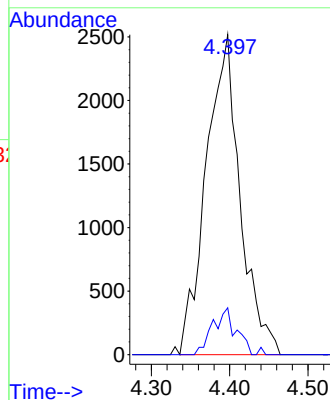
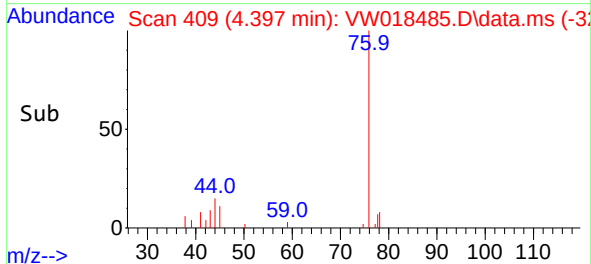
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BG3Q2



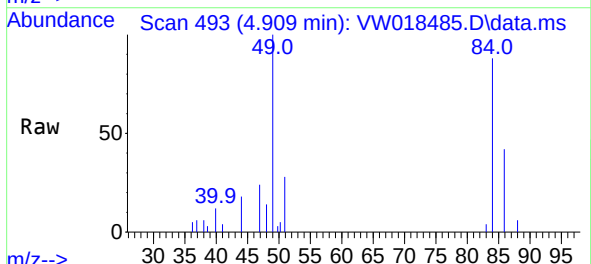
Tgt Ion: 76 Resp: 7582
Ion Ratio Lower Upper
76 100
78 14.6 7.4 11.2#

Manual Integrations
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#16
Methylene chloride
Concen: 1.25 ug/L m
RT: 4.909 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW018485.D
Acq: 29 Mar 2021 14:53



Tgt Ion: 84 Resp: 6351
Ion Ratio Lower Upper
84 100
49 114.0 74.4 138.2
86 48.4 46.1 85.7

