

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018395.D
 Acq On : 19 Mar 2021 17:41
 Operator : SY/VA
 Sample : M1698-08
 Misc : 4.753G/10ML/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4H2

Manual Integrations
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Quant Time: Mar 20 01:43:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 01:36:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	216608	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	150241	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	40097	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	89393	29.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.64%
7) Chloroethane-d5	2.891	69	83441	31.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.48%
10) 1,1-Dichloroethene-d2	4.025	63	95341	18.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.28%
20) 2-Butanone-d5	7.079	46	87804	130.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	261.68%#
24) Chloroform-d	7.646	84	144503	26.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.76%
26) 1,2-Dichloroethane-d4	8.305	65	99629	30.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	123.72%
29) Benzene-d6	8.274	84	280248	35.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	140.36%#
33) 1,2-Dichloropropane-d6	9.274	67	85193	36.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	147.92%#
37) Toluene-d8	10.323	98	223187	29.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.08%
38) trans-1,3-Dichloroprop...	10.579	79	27077	22.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.16%
39) 2-Hexanone-d5	10.920	63	62525	138.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	277.36%#
48) 1,1,2,2-Tetrachloroeth...	12.688	84	83929	40.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	162.88%#
61) 1,2-Dichlorobenzene-d4	13.853	152	35190	24.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.76%
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.361	62	1308	0.32	ug/L	# 1
13) Acetone	4.117	43	27393	56.82	ug/L	95
14) Carbon disulfide	4.391	76	23575	2.88	ug/L	98
16) Methylene chloride	4.934	84	14728m	4.15	ug/L	
21) 2-Butanone	7.171	43	7614	9.94	ug/L	73
35) Trichloroethene	9.091	95	4037	1.68	ug/L	95
47) Tetrachloroethene	10.859	164	50213	27.51	ug/L	90

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

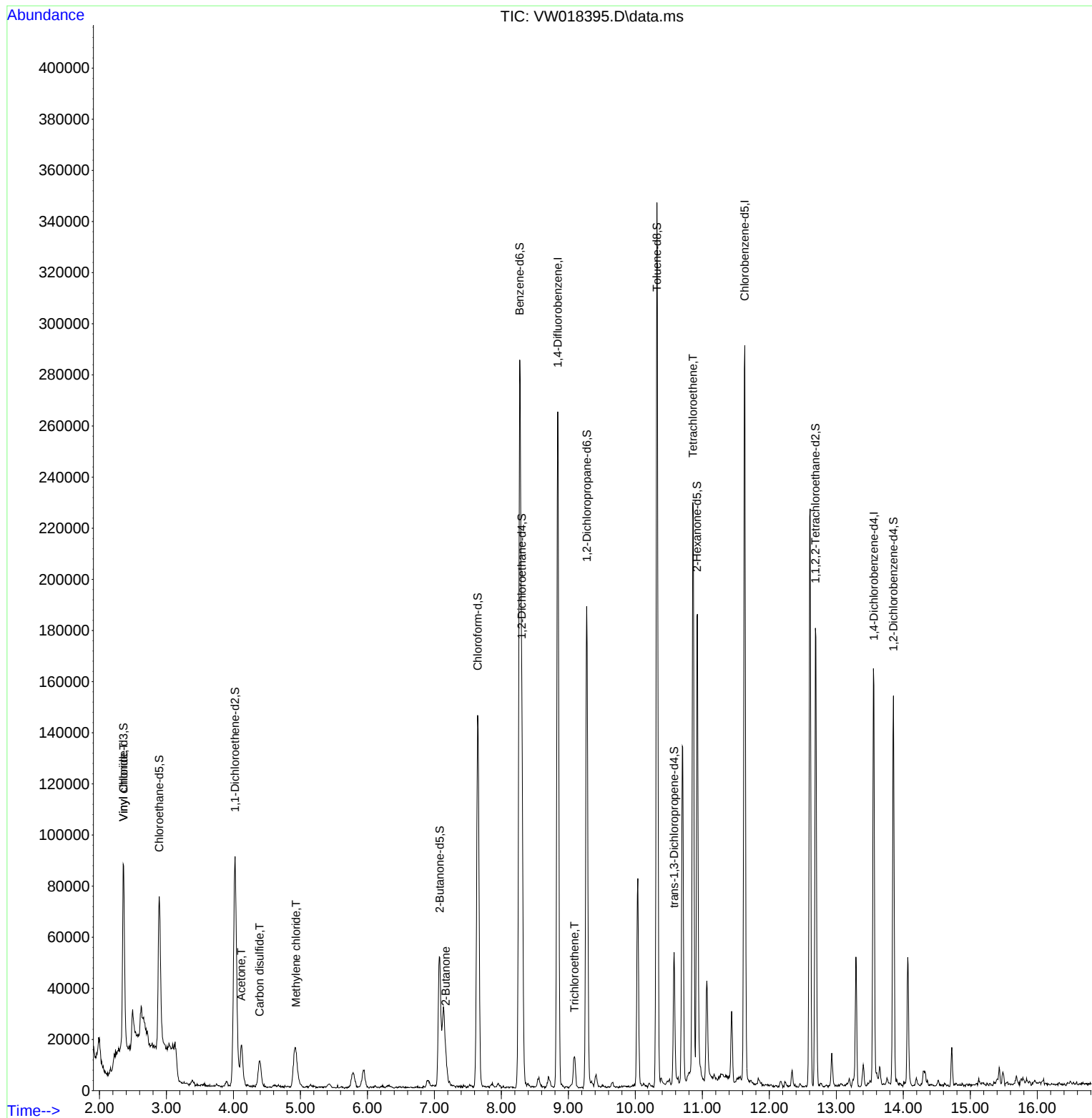
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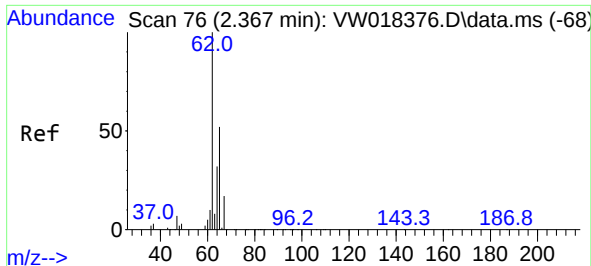
Instrument :
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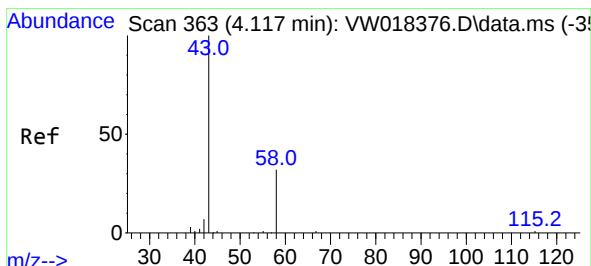
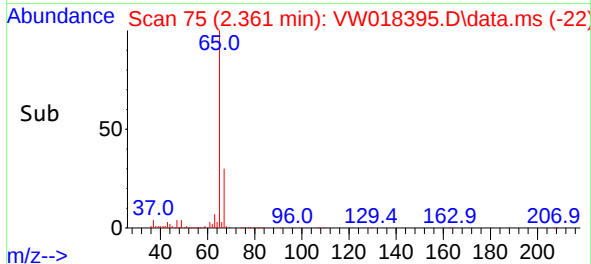
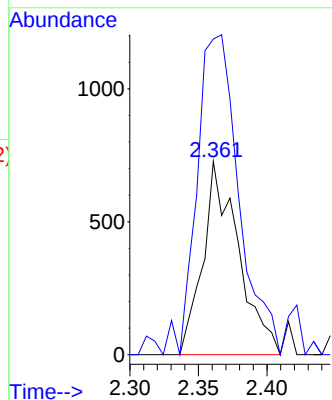
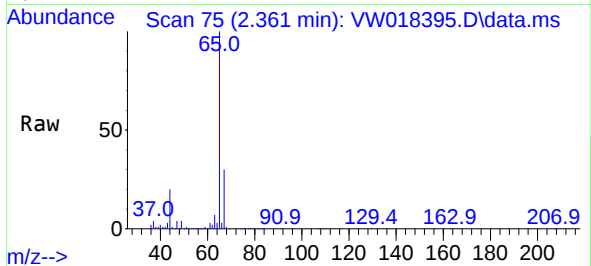
#5
 Vinyl chloride
 Concen: 0.32 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.006 min
 Lab File: VW018395.D
 Acq: 19 Mar 2021 17:41

Tgt Ion: 62 Resp: 1308
 Ion Ratio Lower Upper
 62 100
 64 163.4 23.5 43.7#

Instrument :
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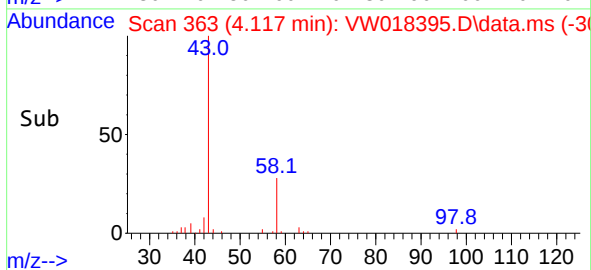
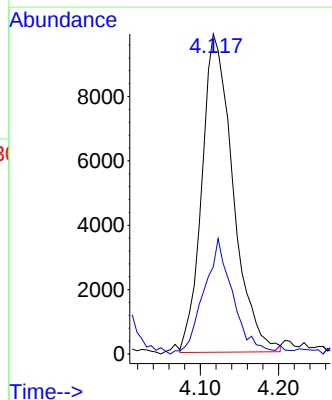
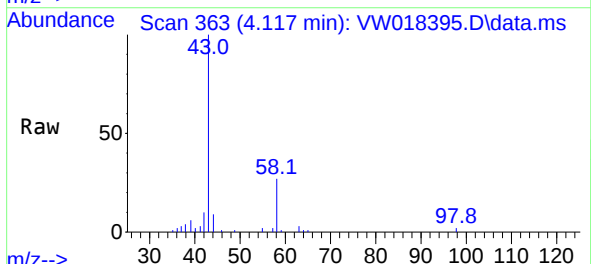
Manual Integrations
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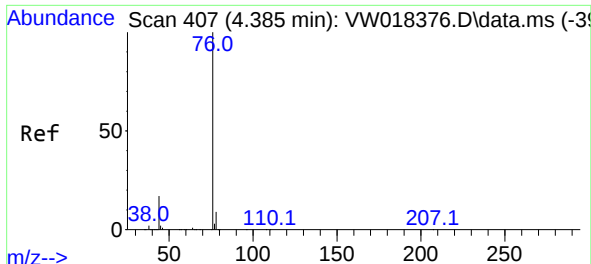
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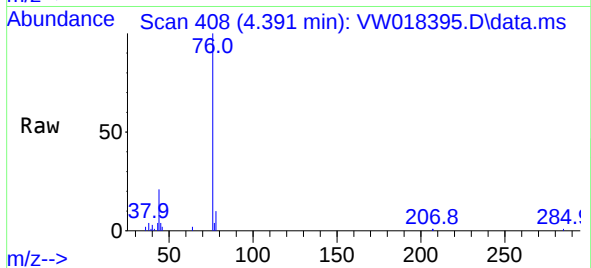
#13
 Acetone
 Concen: 56.82 ug/L
 RT: 4.117 min Scan# 363
 Delta R.T. -0.000 min
 Lab File: VW018395.D
 Acq: 19 Mar 2021 17:41

Tgt Ion: 43 Resp: 27393
 Ion Ratio Lower Upper
 43 100
 58 33.7 0.0 62.2

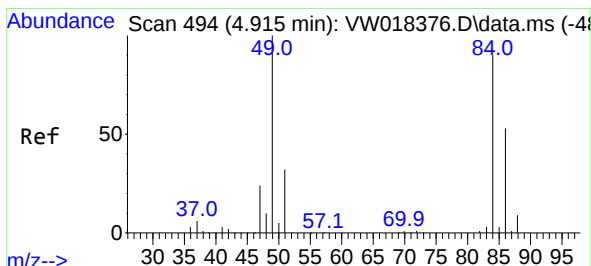
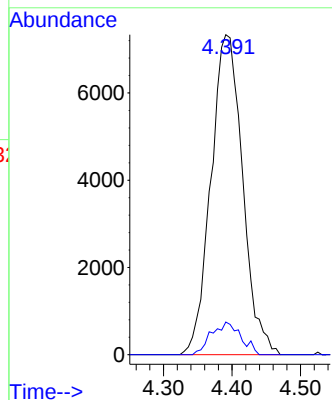
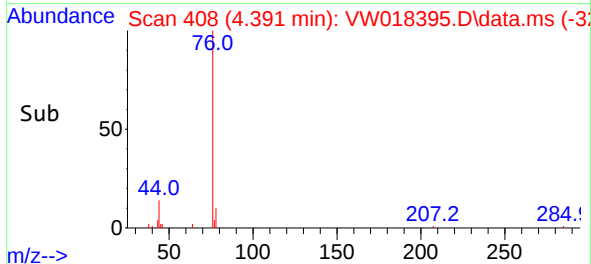




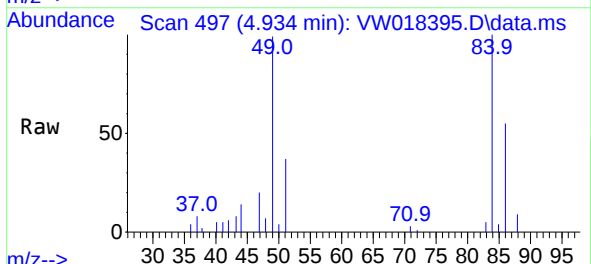
#14
Carbon disulfide
Concen: 2.88 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018395.D
Acq: 19 Mar 2021 17:41



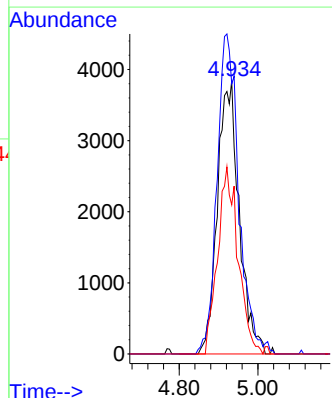
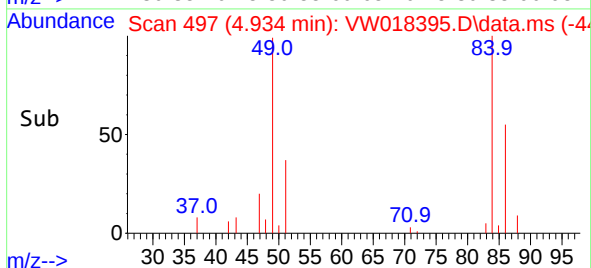
Tgt Ion: 76 Resp: 23575
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.2



#16
Methylene chloride
Concen: 4.15 ug/L m
RT: 4.934 min Scan# 497
Delta R.T. 0.018 min
Lab File: VW018395.D
Acq: 19 Mar 2021 17:41



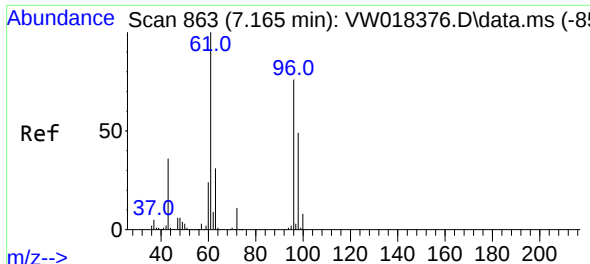
Tgt Ion: 84 Resp: 14728
Ion Ratio Lower Upper
84 100
49 98.8 74.4 138.2
86 54.6 46.1 85.7



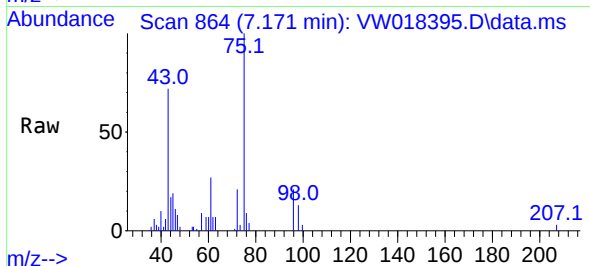
Instrument :
MSVOA_W
ClientSampled :
BG4H2

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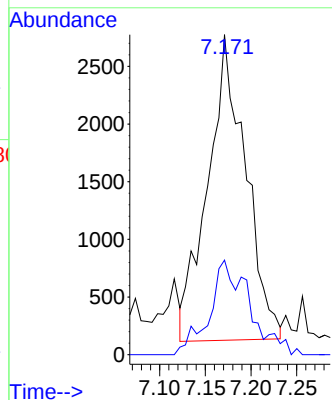
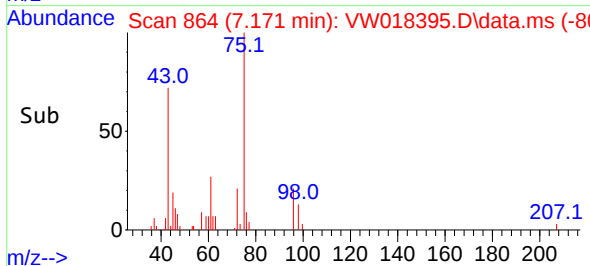
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#21
2-Butanone
Concen: 9.94 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018395.D
Acq: 19 Mar 2021 17:41



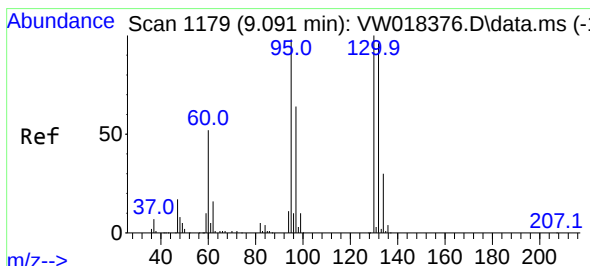
Tgt Ion: 43 Resp: 7614
Ion Ratio Lower Upper
43 100
72 17.5 16.5 49.5



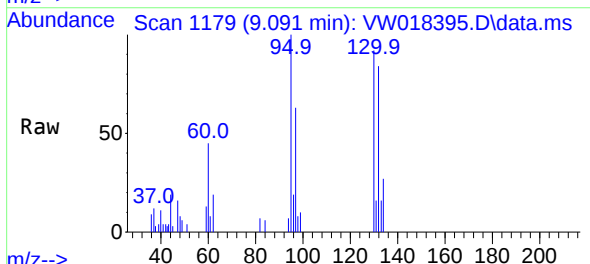
Instrument :
MSVOA_W
ClientSampled :
BG4H2

Manual Integrations
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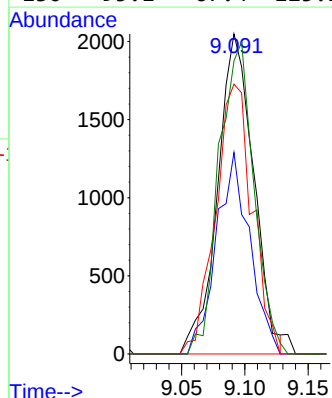
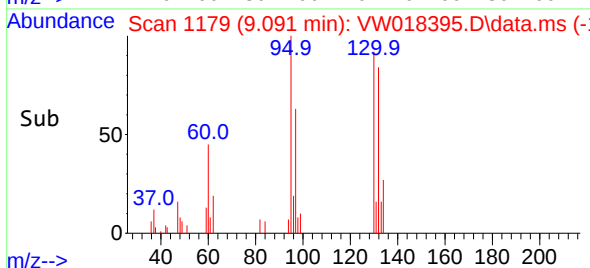
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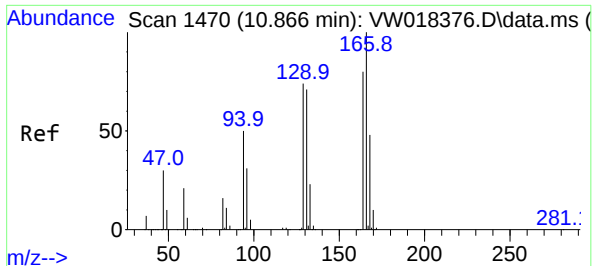


#35
Trichloroethene
Concen: 1.68 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018395.D
Acq: 19 Mar 2021 17:41



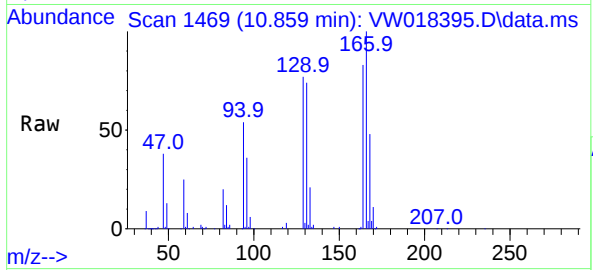
Tgt Ion: 95 Resp: 4037
Ion Ratio Lower Upper
95 100
97 58.5 44.4 82.4
132 86.6 65.9 122.5
130 95.1 67.4 125.2





#47
Tetrachloroethene
Concen: 27.51 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018395.D
Acq: 19 Mar 2021 17:41

Instrument :
MSVOA_W
ClientSampled :
BG4H2



Tgt Ion:164 Resp: 50213

Ion	Ratio	Lower	Upper
164	100		
129	92.7	68.8	127.8
131	88.7	68.3	126.8
166	120.4	95.4	177.2

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