

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018538.D
 Acq On : 01 Apr 2021 16:09
 Operator : SY/VA
 Sample : M1896-05
 Misc : 6.11G/10ML/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG581

Quant Time: Apr 02 03:32:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 03:28:33 2021
 Response via : Initial Calibration

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

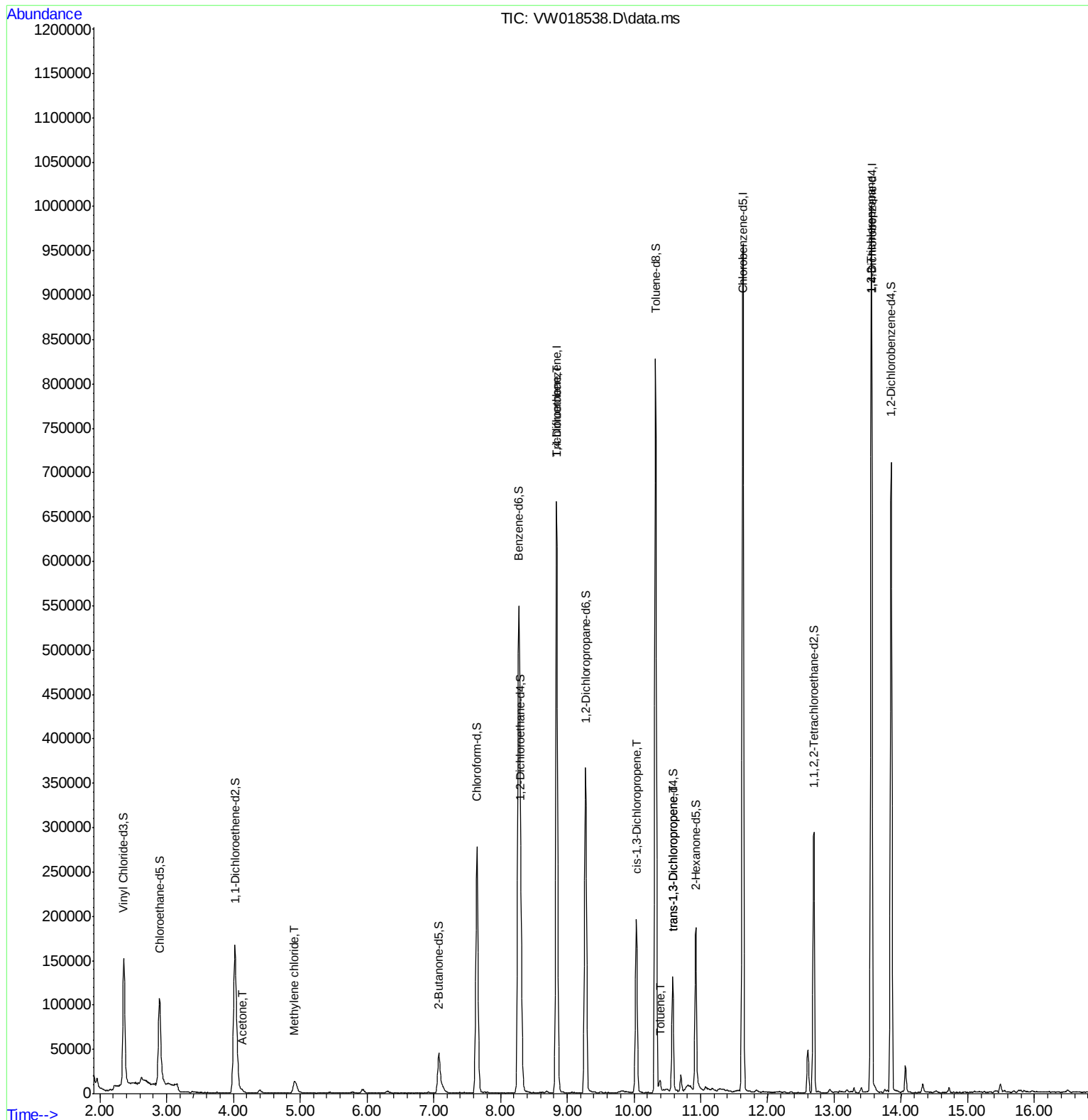
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	541630	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	511619	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	247519	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	184737	24.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.04%		
7) Chloroethane-d5	2.891	69	141759	21.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.96%		
10) 1,1-Dichloroethene-d2	4.025	63	194526	14.95	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	59.80%		
20) 2-Butanone-d5	7.074	46	75627	45.07	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.14%		
24) Chloroform-d	7.647	84	274463	19.90	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.60%		
26) 1,2-Dichloroethane-d4	8.305	65	175290	21.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.08%		
29) Benzene-d6	8.275	84	557844	20.51	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	82.04%		
33) 1,2-Dichloropropane-d6	9.274	67	160654	20.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.92%		
37) Toluene-d8	10.323	98	528011	20.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	80.64%		
38) trans-1,3-Dichloroprop...	10.579	79	65824	16.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	65.08%		
39) 2-Hexanone-d5	10.921	63	60204	39.21	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.42%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	142791	20.35	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	81.40%		
61) 1,2-Dichlorobenzene-d4	13.853	152	172407	19.59	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	78.36%		
Target Compounds						
13) Acetone	4.135	43	4967	4.12	ug/L	80
16) Methylene chloride	4.915	84	5781	0.65	ug/L	83
35) Trichloroethene	8.842	95	17571	2.15	ug/L #	6
42) cis-1,3-Dichloropropene	10.037	75	5202	0.42	ug/L #	59
44) Toluene	10.390	91	8758	0.26	ug/L	96
45) trans-1,3-Dichloropropene	10.579	75	3468	0.32	ug/L	89
59) 1,2,3-Trichloropropane	13.554	75	32229	6.10	ug/L	92

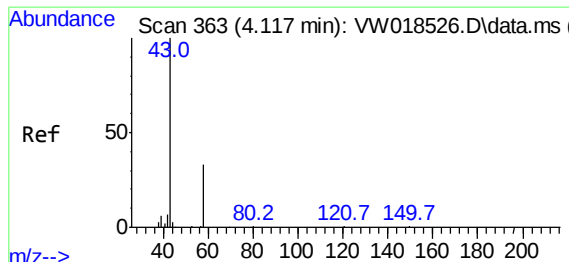
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 02 03:28:33 2021
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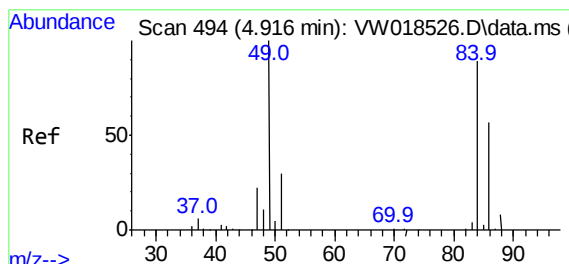
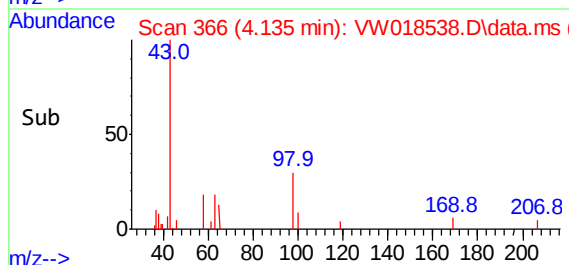
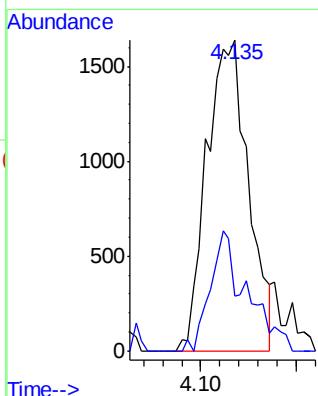
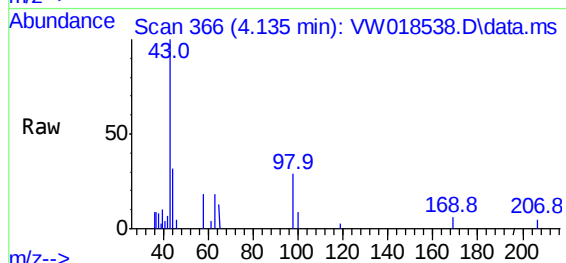




#13
Acetone
Concen: 4.12 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.018 min
Lab File: VW018538.D
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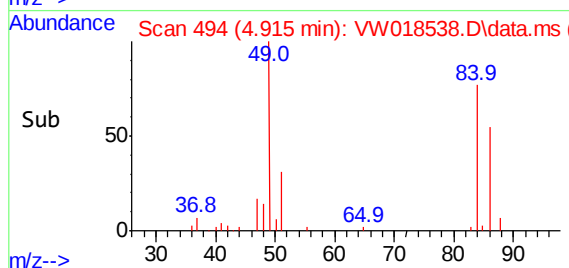
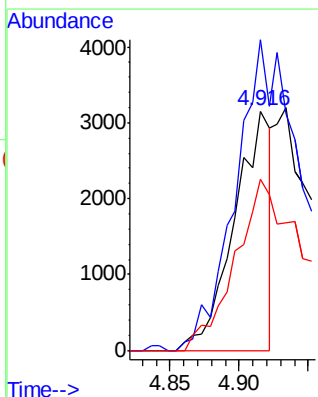
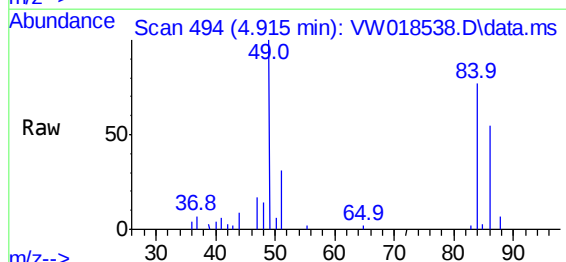
Instrument :
MSVOA_W
ClientSampled :
BG581

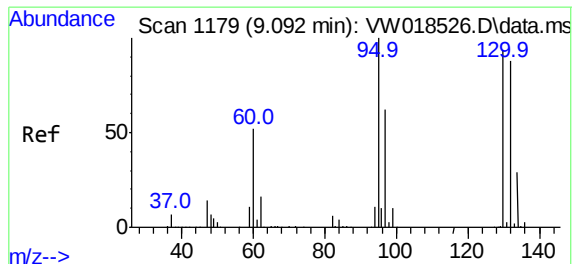
Tgt Ion: 43 Resp: 4967
Ion Ratio Lower Upper
43 100
58 20.0 0.0 62.2



#16
Methylene chloride
Concen: 0.65 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018538.D
Acq: 01 Apr 2021 16:09

Tgt Ion: 84 Resp: 5781
Ion Ratio Lower Upper
84 100
49 129.6 74.4 138.2
86 71.3 46.1 85.7

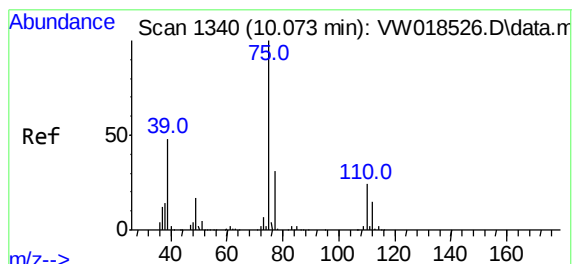
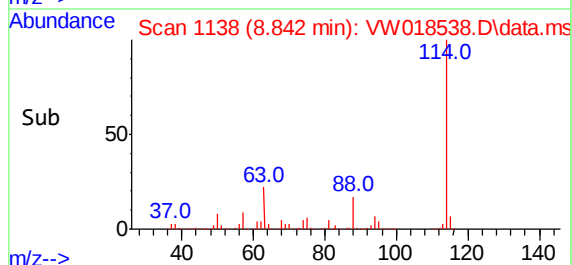
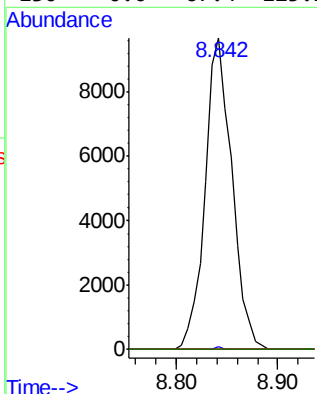
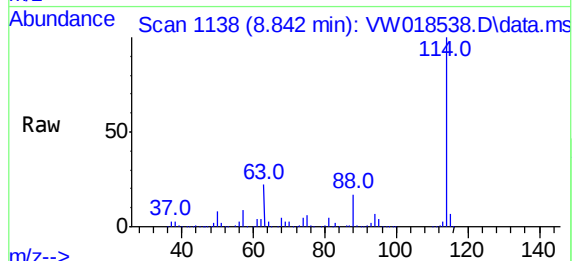




#35
Trichloroethene
Concen: 2.15 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018538.D
Acq: 01 Apr 2021 16:09

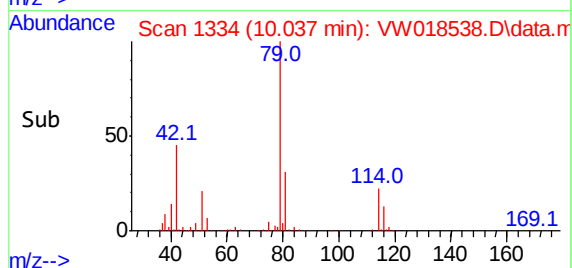
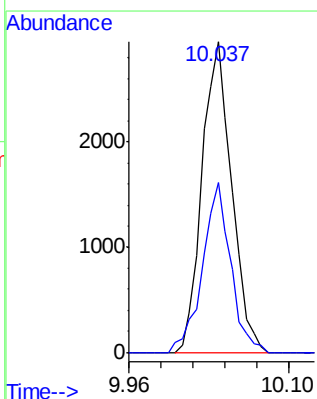
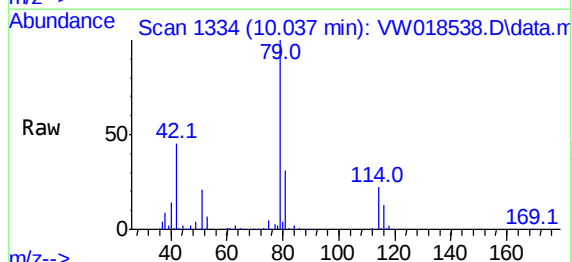
Instrument :
MSVOA_W
ClientSampled :
BG581

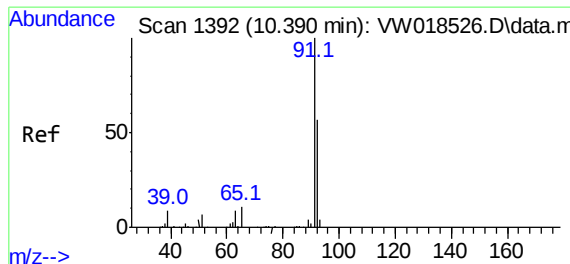
Tgt Ion: 95 Resp: 17571
Ion Ratio Lower Upper
95 100
97 0.3 44.4 82.4#
132 0.0 65.9 122.5#
130 0.0 67.4 125.2#



#42
cis-1,3-Dichloropropene
Concen: 0.42 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018538.D
Acq: 01 Apr 2021 16:09

Tgt Ion: 75 Resp: 5202
Ion Ratio Lower Upper
75 100
77 54.9 22.4 41.6#

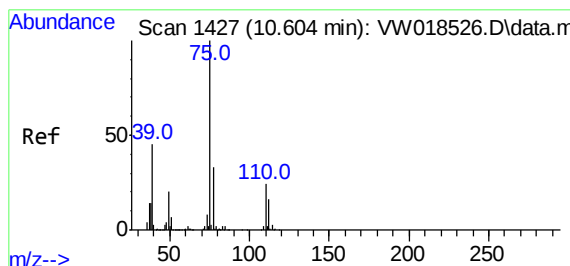
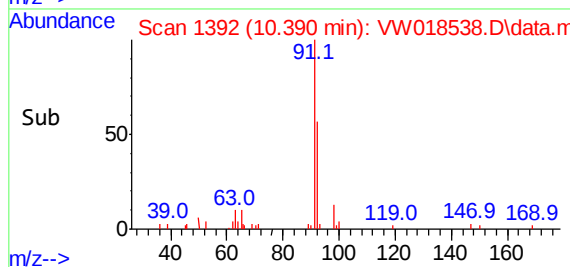
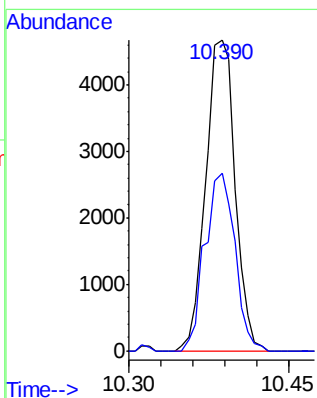
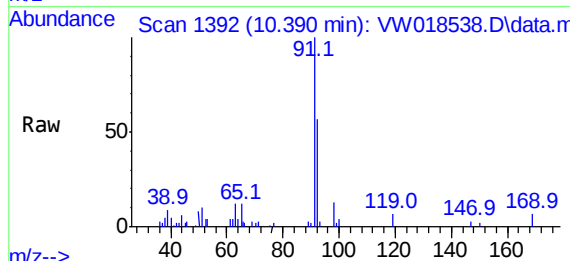




#44
Toluene
Concen: 0.26 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018538.D
Acq: 01 Apr 2021 16:09

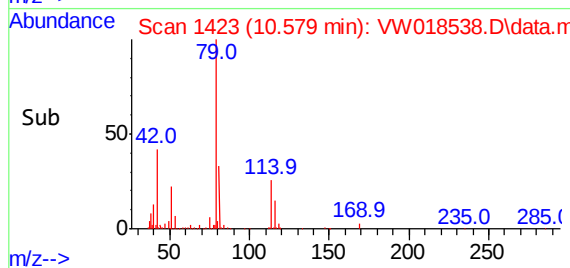
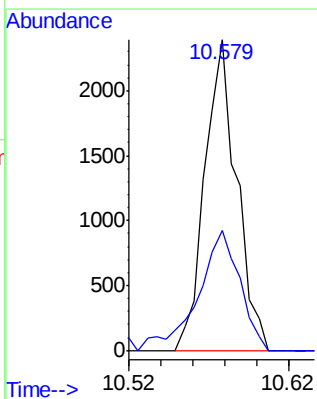
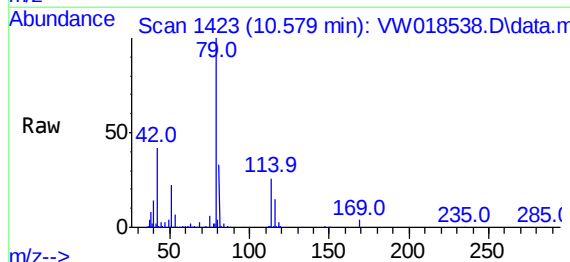
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MSVOA_W
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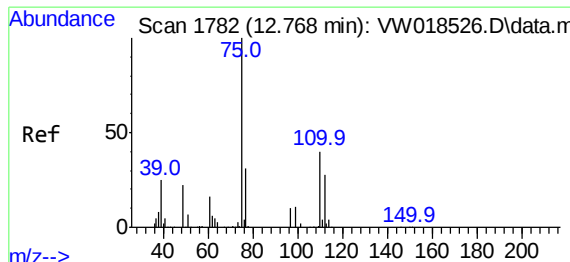
Tgt Ion: 91 Resp: 8758
Ion Ratio Lower Upper
91 100
92 57.1 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 0.32 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018538.D
Acq: 01 Apr 2021 16:09

Tgt Ion: 75 Resp: 3468
Ion Ratio Lower Upper
75 100
77 38.5 22.6 42.0





#59
 1,2,3-Trichloropropane
 Concen: 6.10 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW018538.D
 Acq: 01 Apr 2021 16:09

Instrument :
 MSVOA_W
 ClientSampleId :
 BG581

Tgt Ion: 75 Resp: 32229
 Ion Ratio Lower Upper
 75 100
 77 36.3 25.6 38.4

