

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
 Data File : VW018600.D
 Acq On : 08 Apr 2021 13:55
 Operator : SY/VA
 Sample : M1968-04
 Misc : 5.17G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 09 03:13:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 09 03:11:49 2021
 Response via : Initial Calibration

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

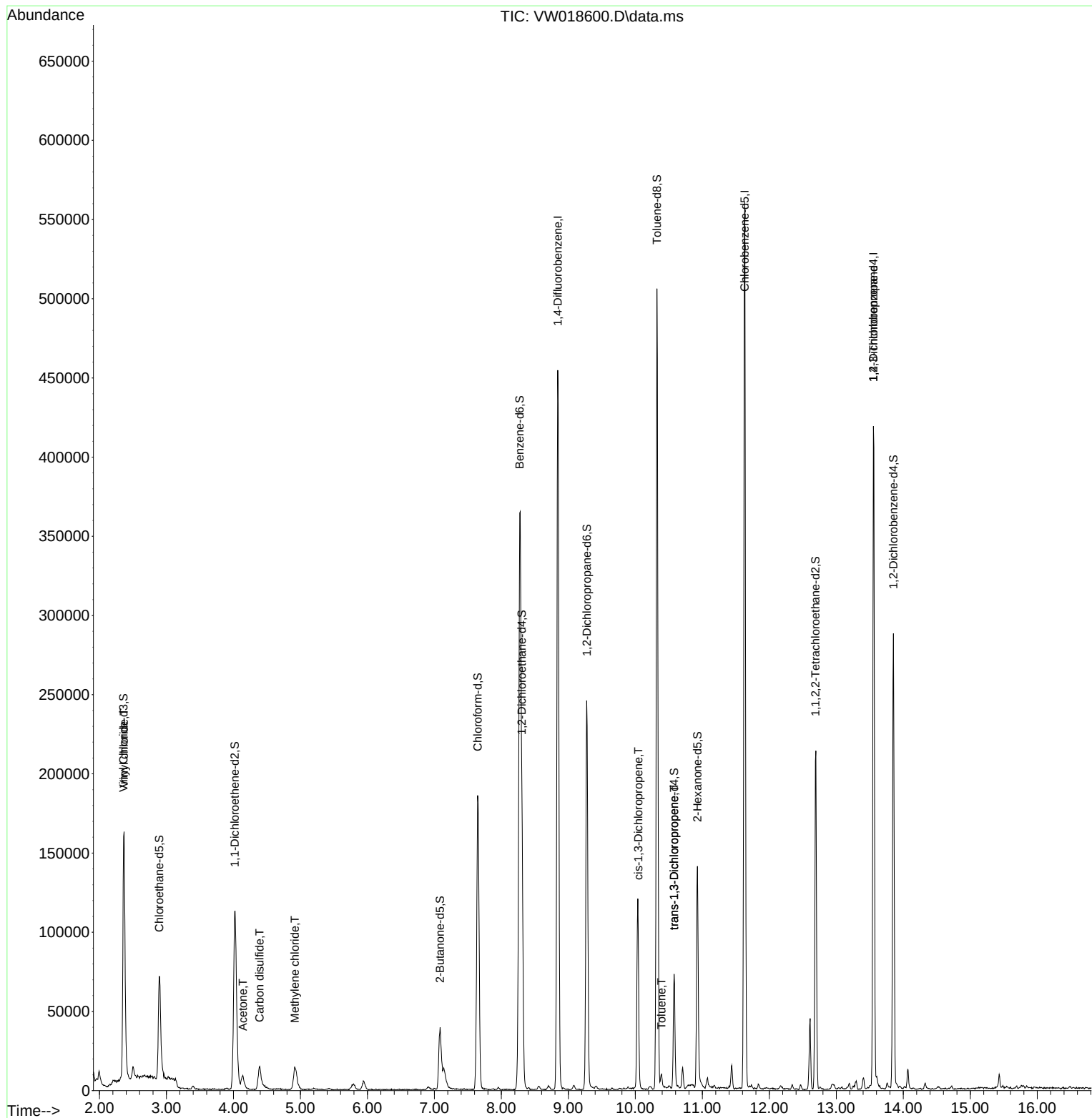
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	377887	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	310766	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	109214	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	106801	20.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.24%		
7) Chloroethane-d5	2.891	69	90559	19.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.68%		
10) 1,1-Dichloroethene-d2	4.019	63	124852	13.75	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	55.00%		
20) 2-Butanone-d5	7.086	46	64506	55.10	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	110.20%		
24) Chloroform-d	7.647	84	189424	19.68	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	78.72%		
26) 1,2-Dichloroethane-d4	8.305	65	118747	21.13	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.52%		
29) Benzene-d6	8.275	84	366128	22.16	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.64%		
33) 1,2-Dichloropropane-d6	9.274	67	108367	22.74	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	90.96%		
37) Toluene-d8	10.323	98	331192	20.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.28%		
38) trans-1,3-Dichloroprop...	10.579	79	40478	16.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	65.88%		
39) 2-Hexanone-d5	10.927	63	48830	52.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.72%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	101085	23.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.84%		
61) 1,2-Dichlorobenzene-d4	13.853	152	70411	18.13	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	72.52%#		
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	102823	14.31	ug/L	95
13) Acetone	4.141	43	15624	18.58	ug/L	69
14) Carbon disulfide	4.391	76	31919	2.23	ug/L	100
16) Methylene chloride	4.915	84	11603	1.87	ug/L	90
42) cis-1,3-Dichloropropene	10.043	75	3838	0.52	ug/L	99
44) Toluene	10.390	91	6302	0.31	ug/L	97
45) trans-1,3-Dichloropropene	10.579	75	2230	0.33	ug/L #	76
59) 1,2,3-Trichloropropane	13.554	75	13976	4.36	ug/L	91

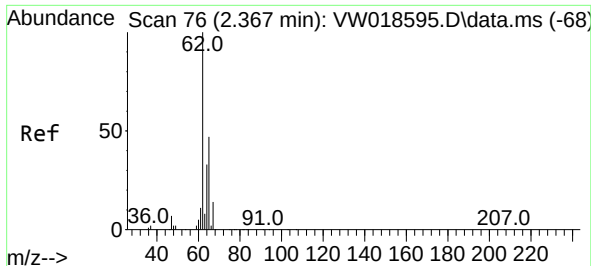
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 09 03:11:49 2021
Response via : Initial Calibration

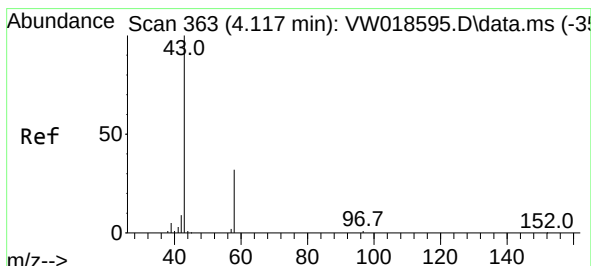
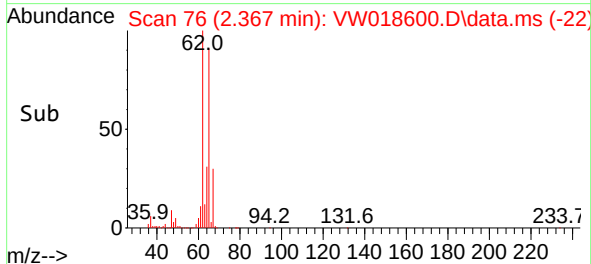
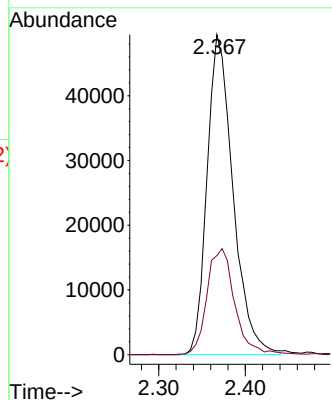
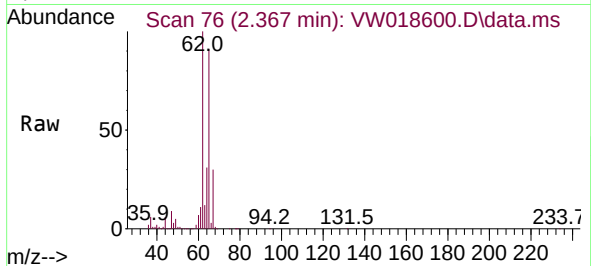




#5
 Vinyl chloride
 Concen: 14.31 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018600.D
 Acq: 08 Apr 2021 13:55

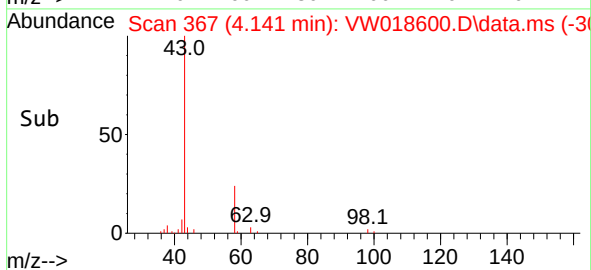
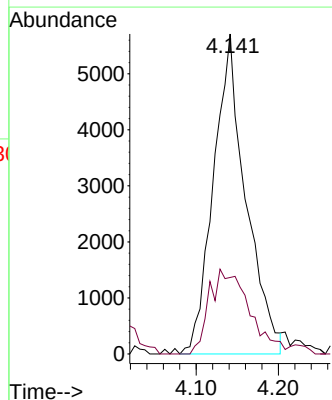
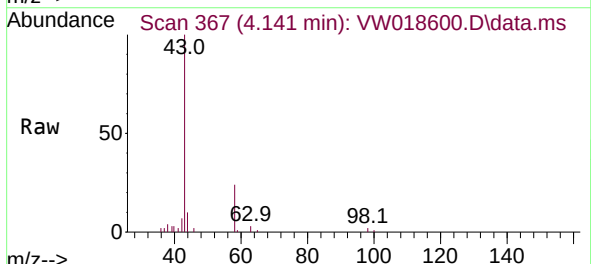
Instrument :
 MSVOA_W
 ClientSampled :

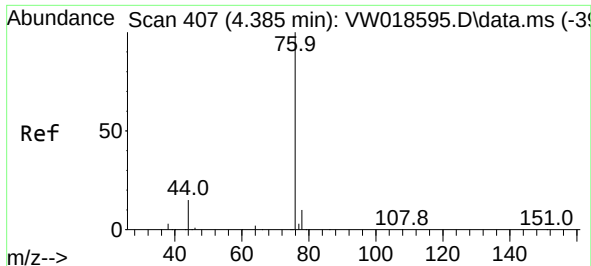
Tgt Ion: 62 Resp: 102823
 Ion Ratio Lower Upper
 62 100
 64 31.0 23.5 43.7



#13
 Acetone
 Concen: 18.58 ug/L
 RT: 4.141 min Scan# 367
 Delta R.T. 0.024 min
 Lab File: VW018600.D
 Acq: 08 Apr 2021 13:55

Tgt Ion: 43 Resp: 15624
 Ion Ratio Lower Upper
 43 100
 58 14.3 0.0 62.2

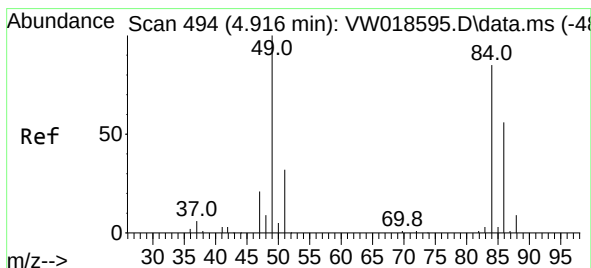
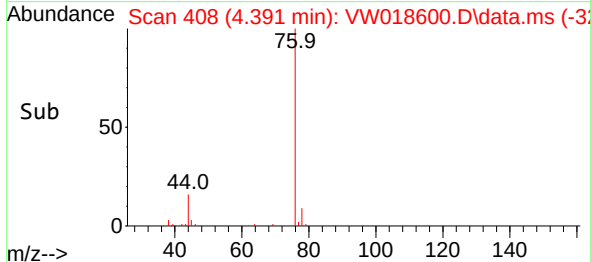
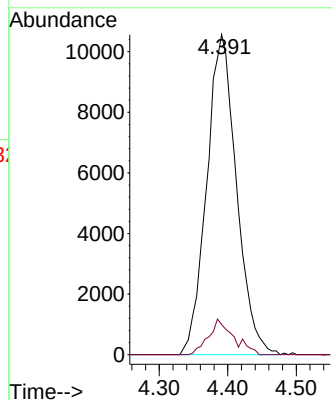
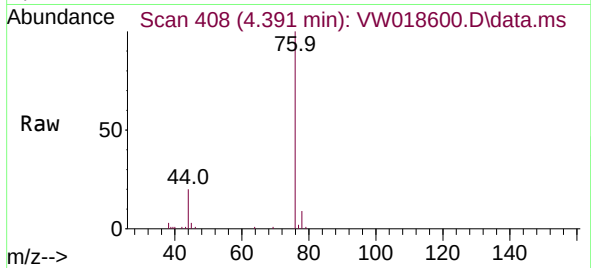




#14
Carbon disulfide
Concen: 2.23 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018600.D
Acq: 08 Apr 2021 13:55

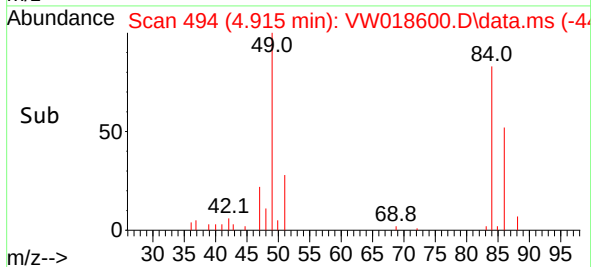
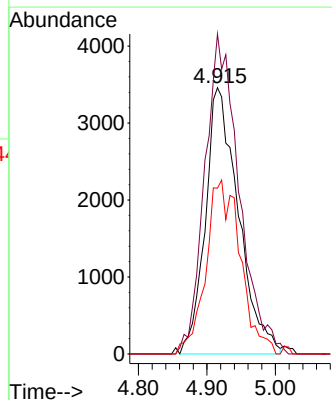
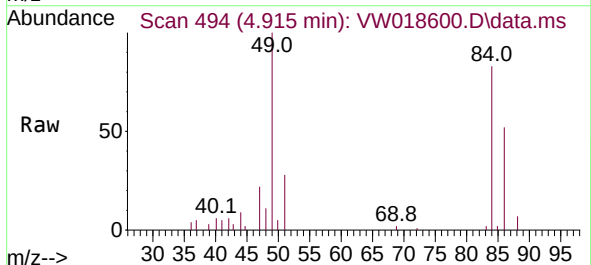
Instrument :
MSVOA_W
ClientSampled :

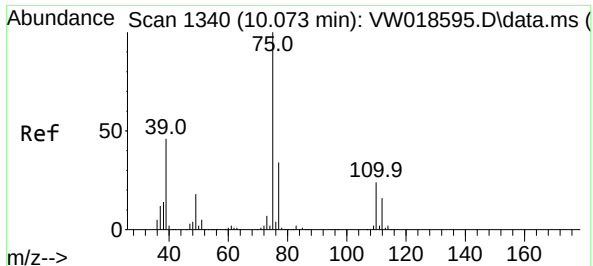
Tgt Ion: 76 Resp: 31919
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#16
Methylene chloride
Concen: 1.87 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018600.D
Acq: 08 Apr 2021 13:55

Tgt Ion: 84 Resp: 11603
Ion Ratio Lower Upper
84 100
49 120.2 74.4 138.2
86 62.3 46.1 85.7

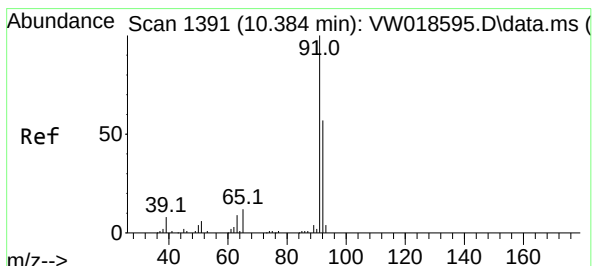
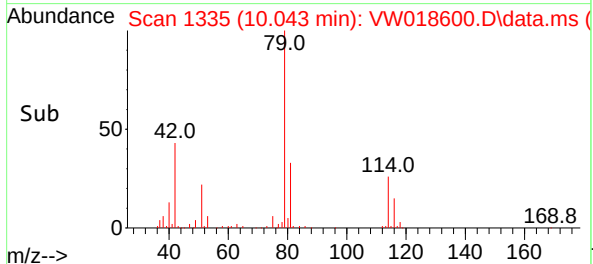
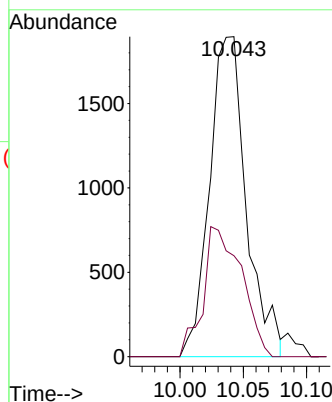
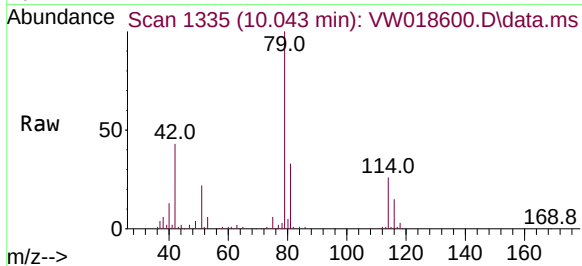




#42
cis-1,3-Dichloropropene
Concen: 0.52 ug/L
RT: 10.043 min Scan# 1335
Delta R.T. -0.031 min
Lab File: VW018600.D
Acq: 08 Apr 2021 13:55

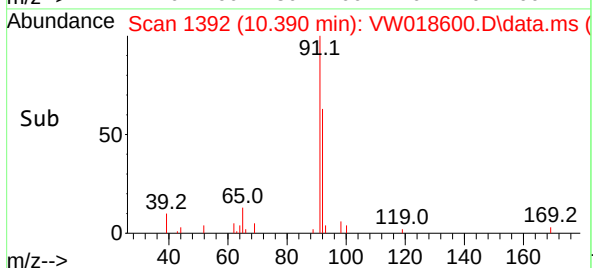
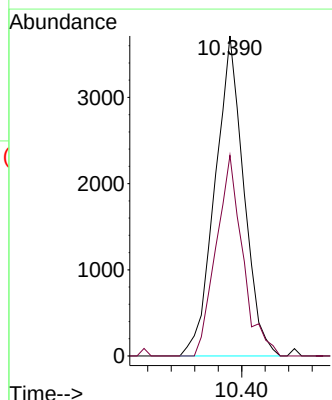
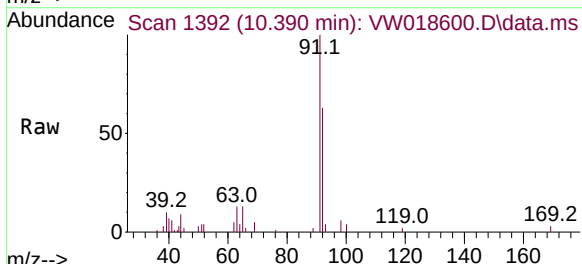
Instrument :
MSVOA_W
ClientSampled :

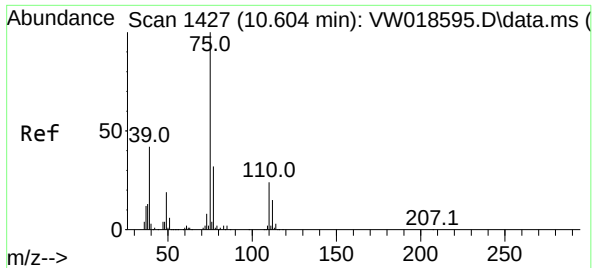
Tgt Ion: 75 Resp: 3838
Ion Ratio Lower Upper
75 100
77 31.5 22.4 41.6



#44
Toluene
Concen: 0.31 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018600.D
Acq: 08 Apr 2021 13:55

Tgt Ion: 91 Resp: 6302
Ion Ratio Lower Upper
91 100
92 62.7 42.3 78.5

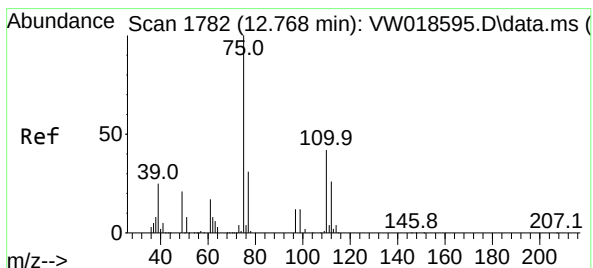
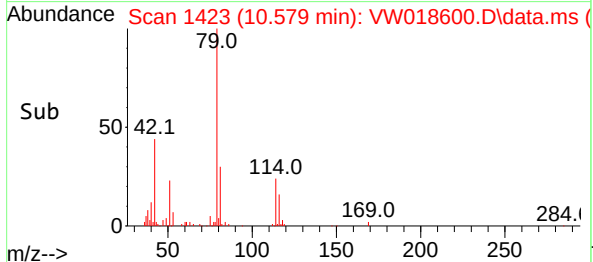
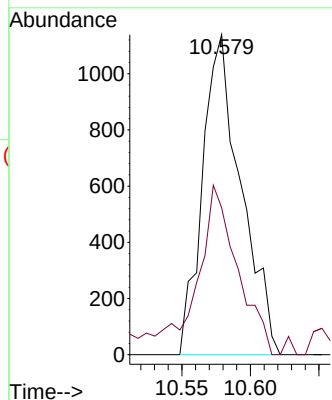
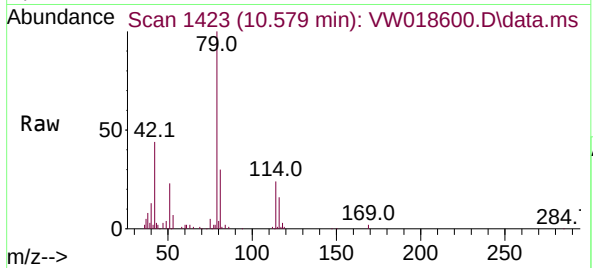




#45
trans-1,3-Dichloropropene
Concen: 0.33 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018600.D
Acq: 08 Apr 2021 13:55

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 2230
Ion Ratio Lower Upper
75 100
77 45.9 22.6 42.0#



#59
1,2,3-Trichloropropane
Concen: 4.36 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018600.D
Acq: 08 Apr 2021 13:55

Tgt Ion: 75 Resp: 13976
Ion Ratio Lower Upper
75 100
77 36.8 25.6 38.4

