

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
 Data File : VW018602.D
 Acq On : 08 Apr 2021 14:43
 Operator : SY/VA
 Sample : M1968-03RE
 Misc : 5.56G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 BG5A7RE

Quant Time: Apr 09 03:13:21 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)

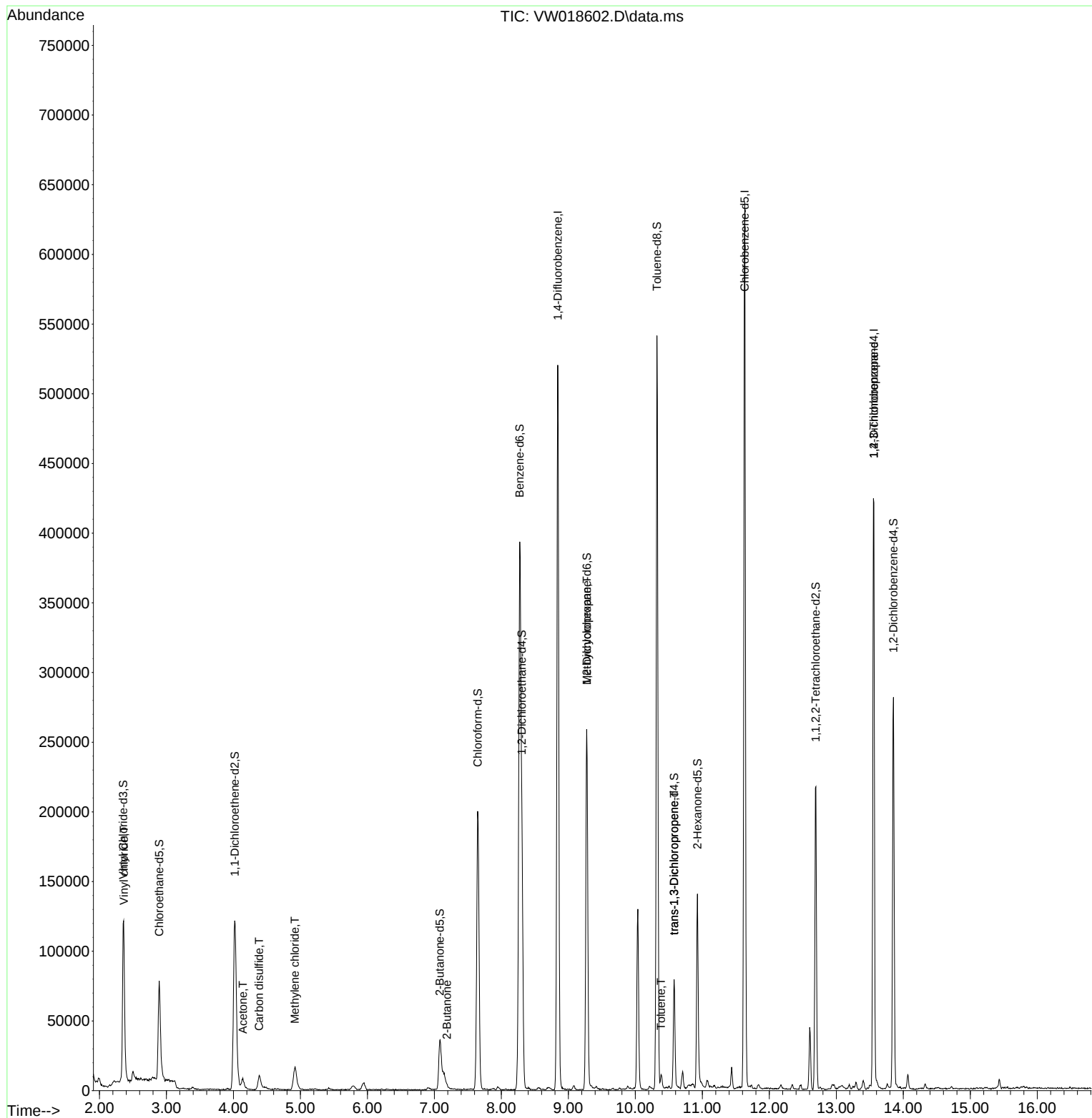
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	422684	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	345601	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	110484	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	111017	18.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.48%
7) Chloroethane-d5	2.891	69	92734	18.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.04%
10) 1,1-Dichloroethene-d2	4.019	63	133335	13.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.52%
20) 2-Butanone-d5	7.080	46	62104	47.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.86%
24) Chloroform-d	7.647	84	200581	18.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.52%
26) 1,2-Dichloroethane-d4	8.305	65	125988	20.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.20%
29) Benzene-d6	8.275	84	390847	21.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.08%
33) 1,2-Dichloropropane-d6	9.274	67	115441	21.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.12%
37) Toluene-d8	10.323	98	355336	20.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.36%
38) trans-1,3-Dichloroprop...	10.579	79	42498	15.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.20%
39) 2-Hexanone-d5	10.926	63	45510	43.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.76%
48) 1,1,2,2-Tetrachloroeth...	12.694	84	104625	22.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.28%
61) 1,2-Dichlorobenzene-d4	13.853	152	70854	18.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.16%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.367	62	34695	4.32	ug/L	96
13) Acetone	4.141	43	14304	15.21	ug/L	99
14) Carbon disulfide	4.385	76	22322	1.40	ug/L #	95
16) Methylene chloride	4.915	84	13470	1.94	ug/L	92
21) 2-Butanone	7.189	43	1513	1.01	ug/L	92
36) Methylcyclohexane	9.274	83	30308	3.13	ug/L #	20
44) Toluene	10.384	91	6906	0.30	ug/L	100
45) trans-1,3-Dichloropropene	10.579	75	2405	0.32	ug/L #	78
59) 1,2,3-Trichloropropane	13.560	75	14453	4.05	ug/L	100

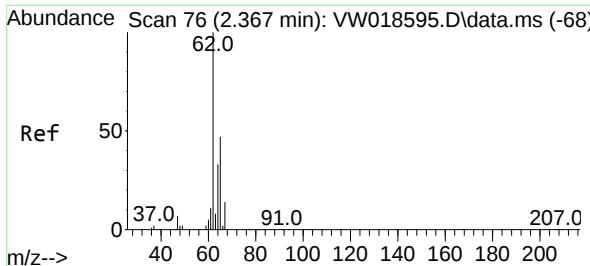
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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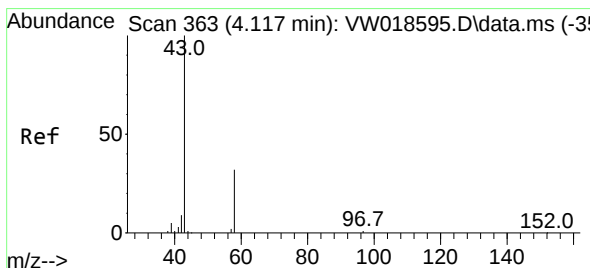
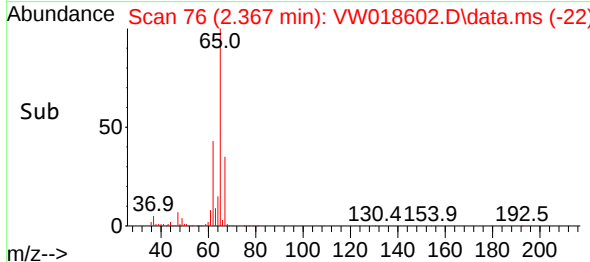
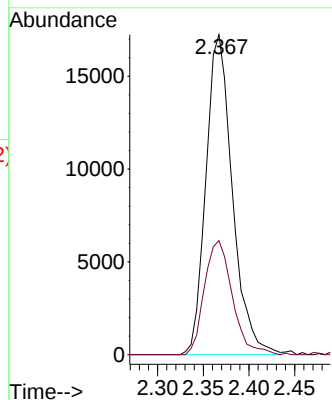
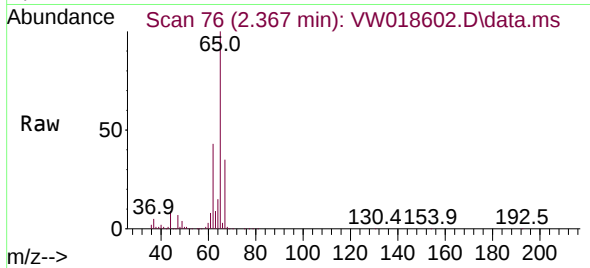




#5
 Vinyl chloride
 Concen: 4.32 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018602.D
 Acq: 08 Apr 2021 14:43

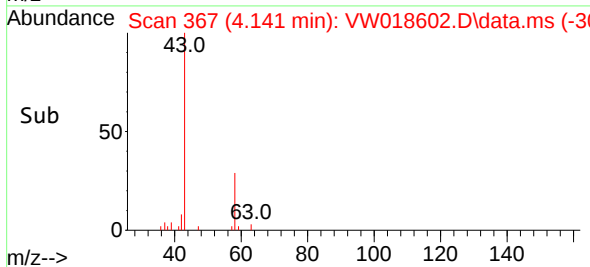
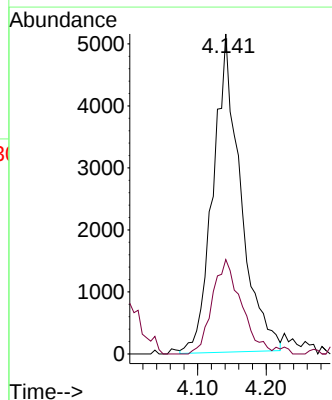
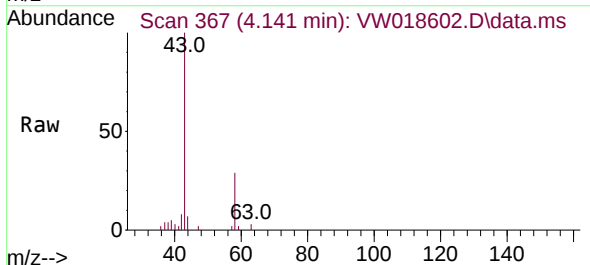
Instrument :
 MSVOA_W
 ClientSampleId :
 BG5A7RE

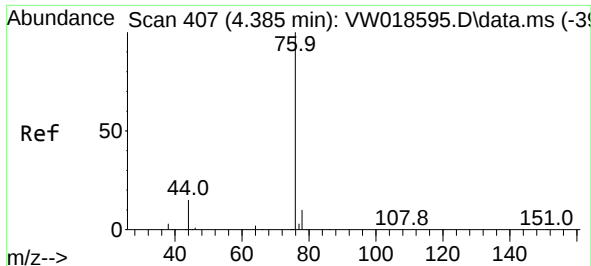
Tgt Ion: 62 Resp: 34695
 Ion Ratio Lower Upper
 62 100
 64 35.6 23.5 43.7



#13
 Acetone
 Concen: 15.21 ug/L
 RT: 4.141 min Scan# 367
 Delta R.T. 0.024 min
 Lab File: VW018602.D
 Acq: 08 Apr 2021 14:43

Tgt Ion: 43 Resp: 14304
 Ion Ratio Lower Upper
 43 100
 58 30.4 0.0 62.2

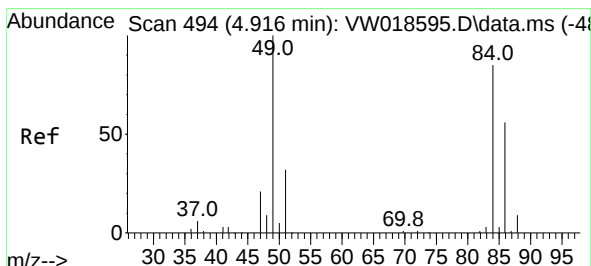
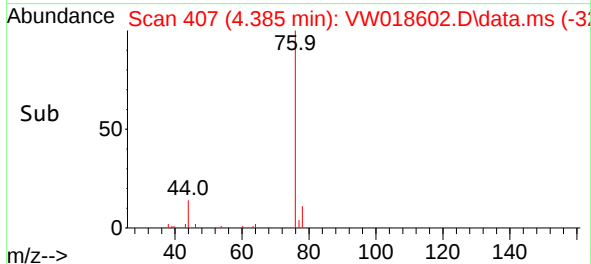
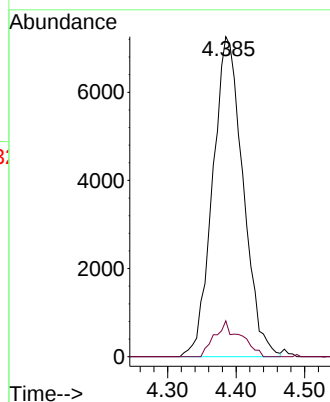
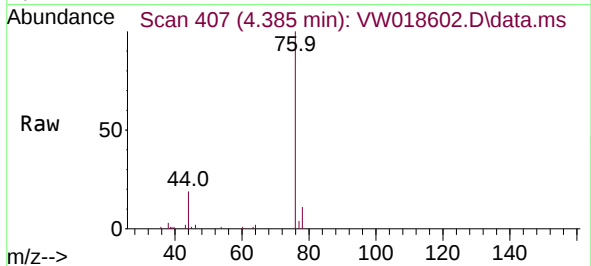




#14
Carbon disulfide
Concen: 1.40 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW018602.D
Acq: 08 Apr 2021 14:43

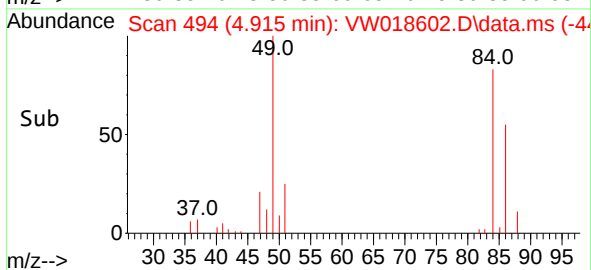
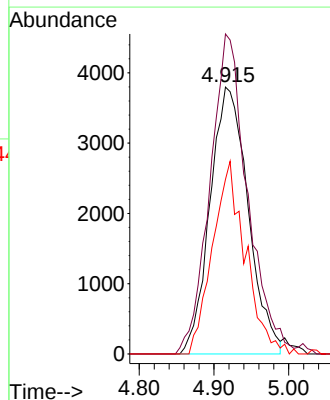
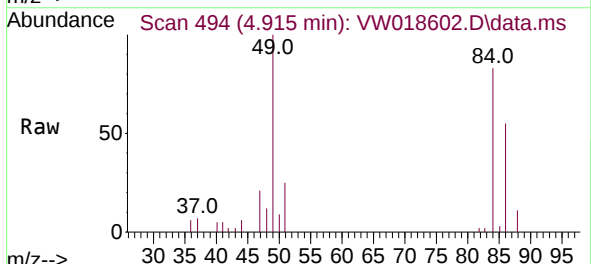
Instrument :
MSVOA_W
ClientSampled :
BG5A7RE

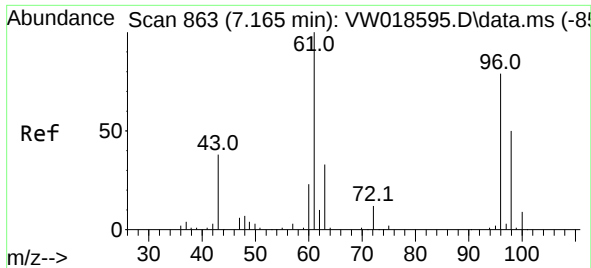
Tgt Ion: 76 Resp: 22322
Ion Ratio Lower Upper
76 100
78 11.2 7.4 11.2#



#16
Methylene chloride
Concen: 1.94 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018602.D
Acq: 08 Apr 2021 14:43

Tgt Ion: 84 Resp: 13470
Ion Ratio Lower Upper
84 100
49 119.9 74.4 138.2
86 65.4 46.1 85.7

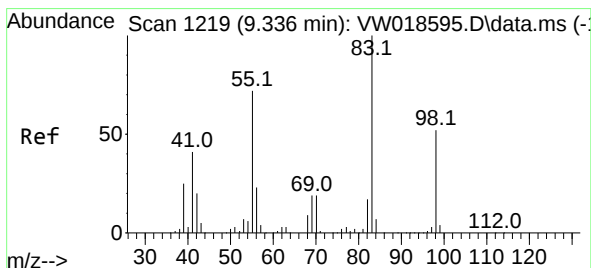
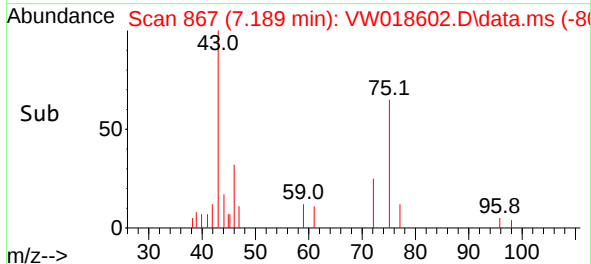
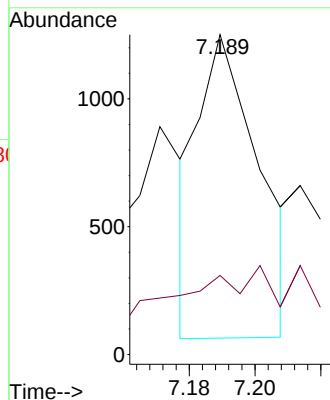
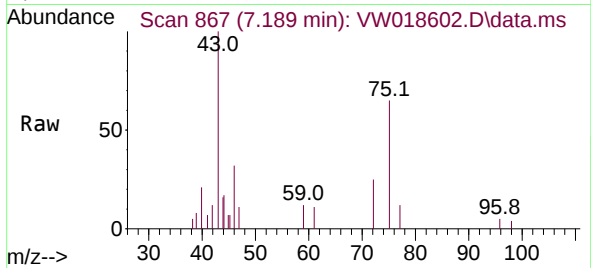




#21
2-Butanone
Concen: 1.01 ug/L
RT: 7.189 min Scan# 867
Delta R.T. 0.024 min
Lab File: VW018602.D
Acq: 08 Apr 2021 14:43

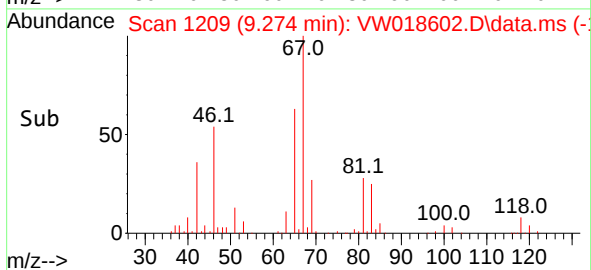
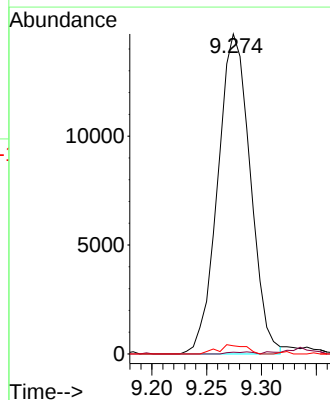
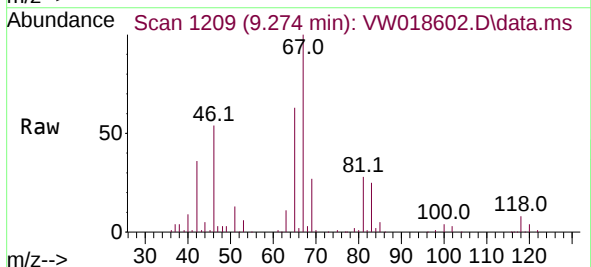
Instrument :
MSVOA_W
ClientSampled :
BG5A7RE

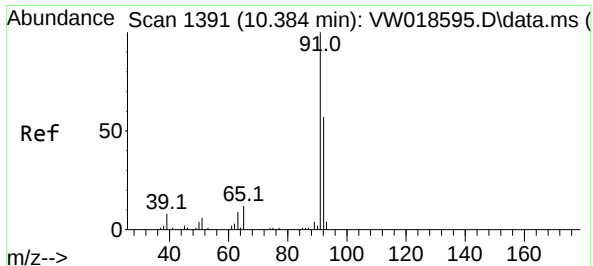
Tgt Ion: 43 Resp: 1513
Ion Ratio Lower Upper
43 100
72 37.6 16.5 49.5



#36
Methylcyclohexane
Concen: 3.13 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018602.D
Acq: 08 Apr 2021 14:43

Tgt Ion: 83 Resp: 30308
Ion Ratio Lower Upper
83 100
55 0.3 56.8 85.2#
98 1.4 40.6 61.0#

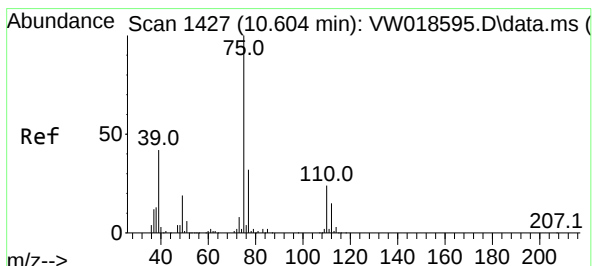
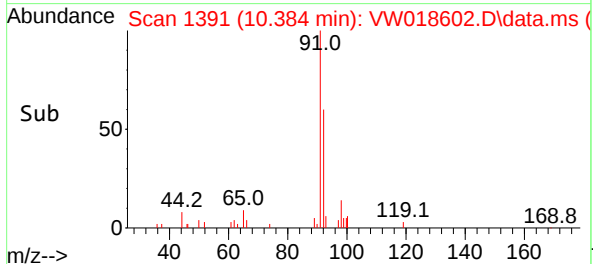
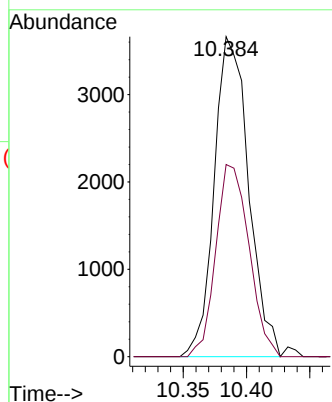
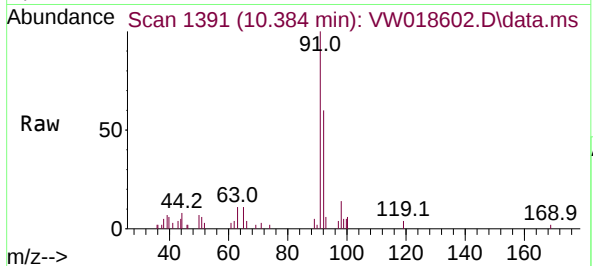




#44
Toluene
Concen: 0.30 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW018602.D
Acq: 08 Apr 2021 14:43

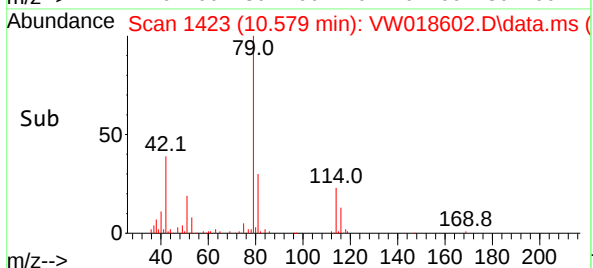
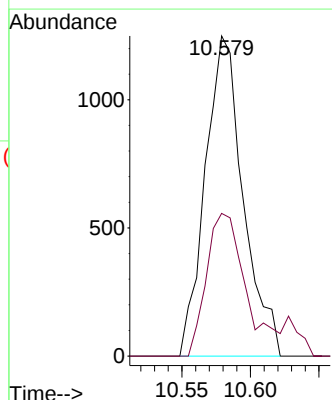
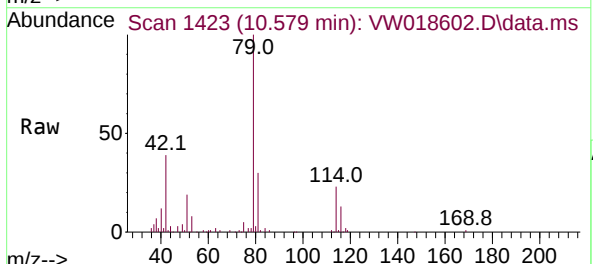
Instrument :
MSVOA_W
ClientSampled :
BG5A7RE

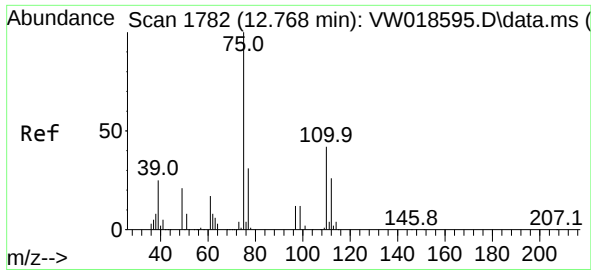
Tgt Ion: 91 Resp: 6906
Ion Ratio Lower Upper
91 100
92 60.1 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 0.32 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018602.D
Acq: 08 Apr 2021 14:43

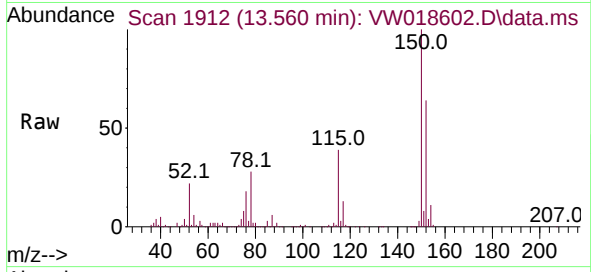
Tgt Ion: 75 Resp: 2405
Ion Ratio Lower Upper
75 100
77 44.6 22.6 42.0#





#59
 1,2,3-Trichloropropane
 Concen: 4.05 ug/L
 RT: 13.560 min Scan# 1912
 Delta R.T. 0.792 min
 Lab File: VW018602.D
 Acq: 08 Apr 2021 14:43

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5A7RE



Tgt Ion: 75 Resp: 14453
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.6 38.4

