

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018580.D
 Acq On : 07 Apr 2021 14:54
 Operator : SY/VA
 Sample : M1881-17
 Misc : 5.82G/10ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 08 05:36:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 08 05:34:15 2021
 Response via : Initial Calibration

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

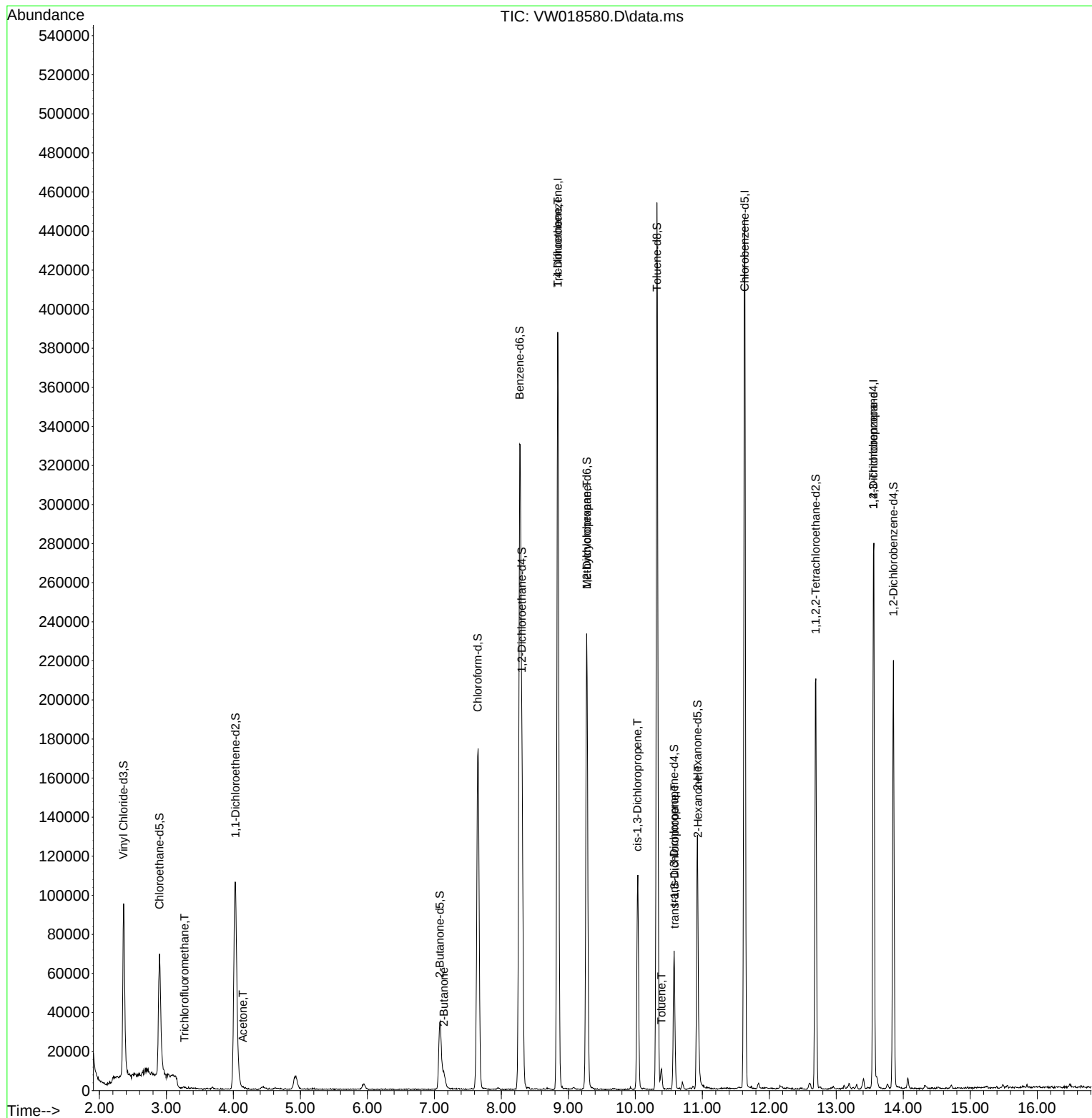
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	314055	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	243148	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	70981	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	105562	24.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.60%
7) Chloroethane-d5	2.898	69	83657	21.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.48%
10) 1,1-Dichloroethene-d2	4.031	63	121074	16.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.16%
20) 2-Butanone-d5	7.080	46	58192	59.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.62%
24) Chloroform-d	7.647	84	177309	22.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.68%
26) 1,2-Dichloroethane-d4	8.305	65	117590	25.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.72%
29) Benzene-d6	8.275	84	337410	26.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.40%
33) 1,2-Dichloropropane-d6	9.274	67	104013	27.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.60%
37) Toluene-d8	10.323	98	294065	23.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.52%
38) trans-1,3-Dichloroprop...	10.579	79	39222	20.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.60%
39) 2-Hexanone-d5	10.927	63	42783	58.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.26%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	100678	30.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.76%#
61) 1,2-Dichlorobenzene-d4	13.853	152	51786	20.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.08%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	3.269	101	639	0.21	ug/L	87
13) Acetone	4.141	43	332	0.47	ug/L	76
21) 2-Butanone	7.141	43	2934	2.64	ug/L #	42
35) Trichloroethene	8.842	95	9986	2.57	ug/L #	7
36) Methylcyclohexane	9.274	83	27046	3.97	ug/L #	20
42) cis-1,3-Dichloropropene	10.030	75	3383	0.58	ug/L #	68
44) Toluene	10.390	91	7038	0.44	ug/L	84
45) trans-1,3-Dichloropropene	10.585	75	2207	0.42	ug/L	87
49) 2-Hexanone	10.933	43	5733	3.91	ug/L #	67
59) 1,2,3-Trichloropropane	13.554	75	8549	3.41	ug/L #	88

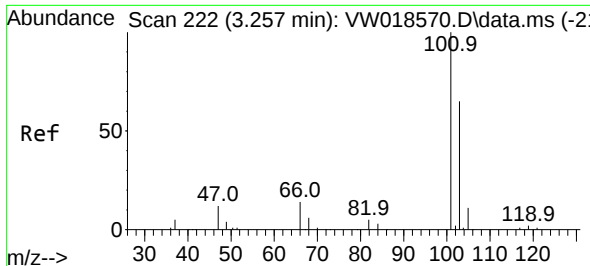
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 08 05:34:15 2021
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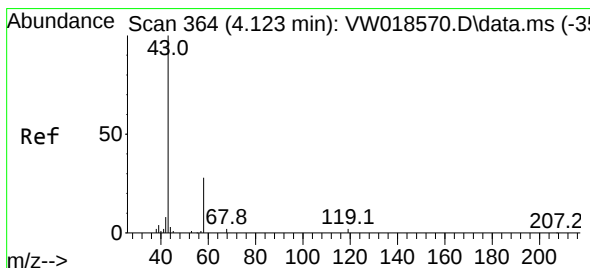
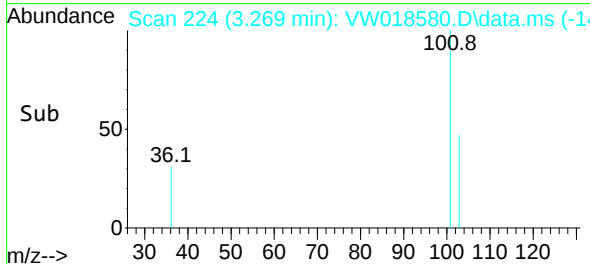
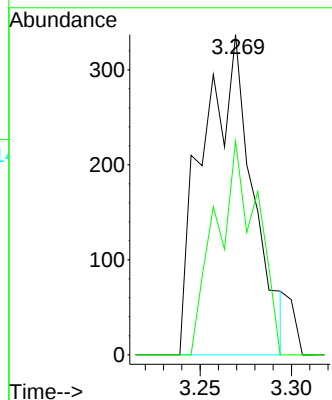
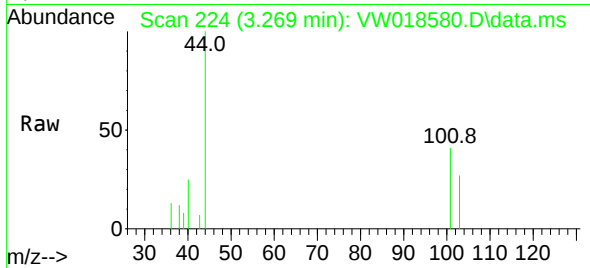




#9
Trichlorofluoromethane
Concen: 0.21 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.012 min
Lab File: VW018580.D
Acq: 07 Apr 2021 14:54

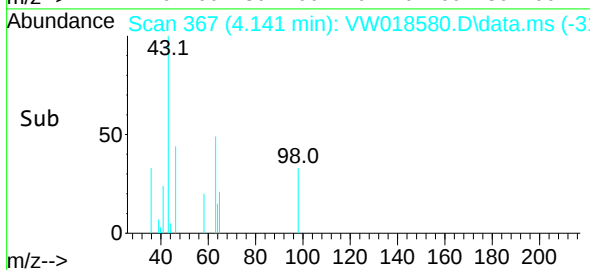
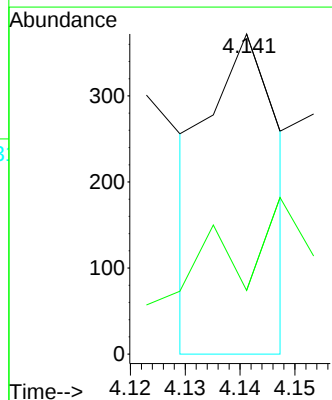
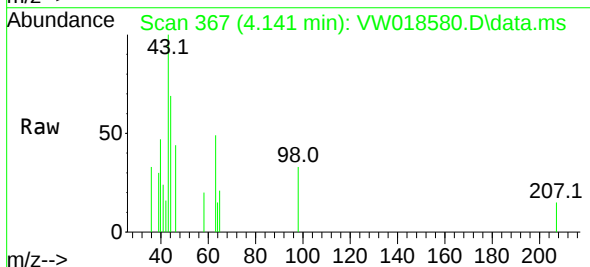
Instrument :
MSVOA_W
ClientSampled :

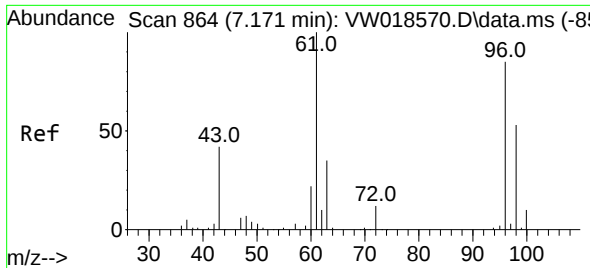
Tgt Ion:101 Resp: 639
Ion Ratio Lower Upper
101 100
103 55.2 45.6 84.8



#13
Acetone
Concen: 0.47 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW018580.D
Acq: 07 Apr 2021 14:54

Tgt Ion: 43 Resp: 332
Ion Ratio Lower Upper
43 100
58 44.6 0.0 62.2

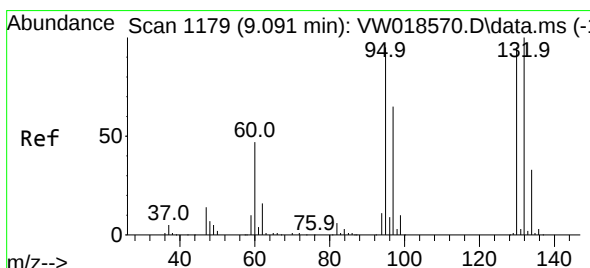
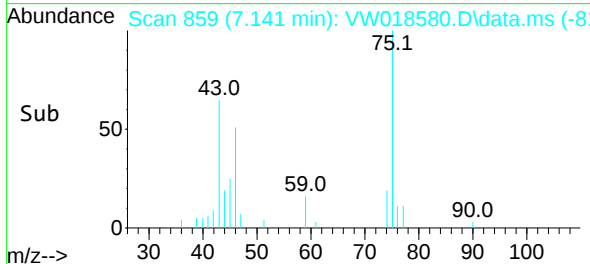
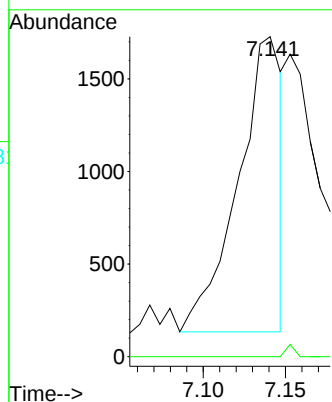
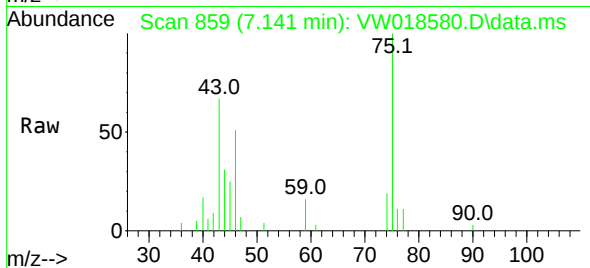




#21
2-Butanone
Concen: 2.64 ug/L
RT: 7.141 min Scan# 859
Delta R.T. -0.030 min
Lab File: VW018580.D
Acq: 07 Apr 2021 14:54

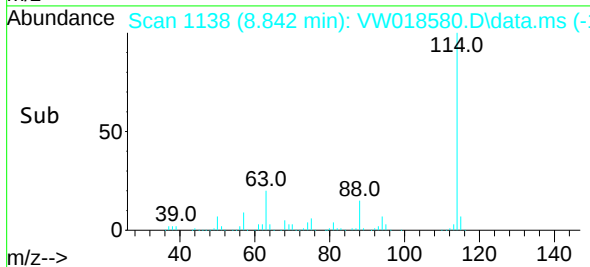
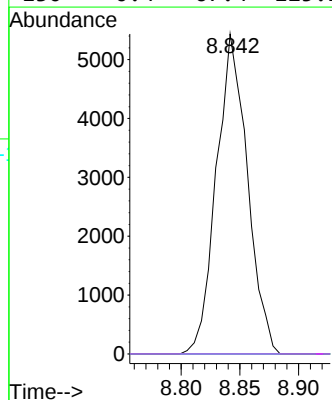
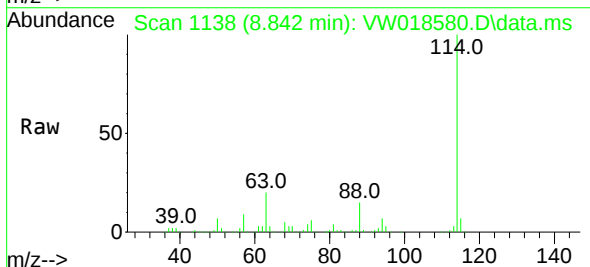
Instrument :
MSVOA_W
ClientSampled :

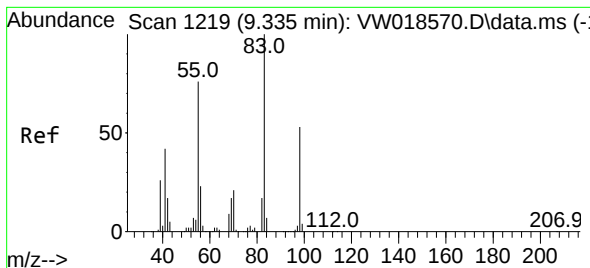
Tgt Ion: 43 Resp: 2934
Ion Ratio Lower Upper
43 100
72 0.0 16.5 49.5#



#35
Trichloroethene
Concen: 2.57 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018580.D
Acq: 07 Apr 2021 14:54

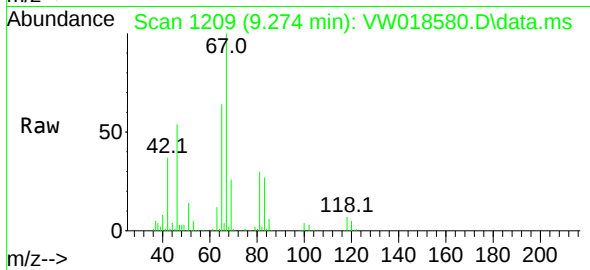
Tgt Ion: 95 Resp: 9986
Ion Ratio Lower Upper
95 100
97 0.0 44.4 82.4#
132 0.7 65.9 122.5#
130 0.4 67.4 125.2#



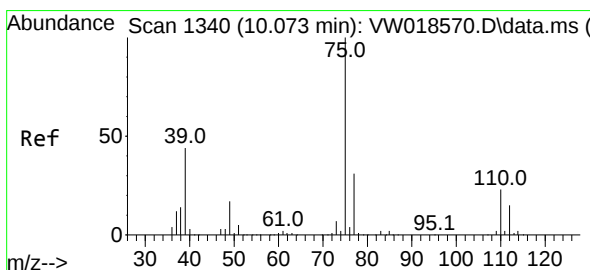
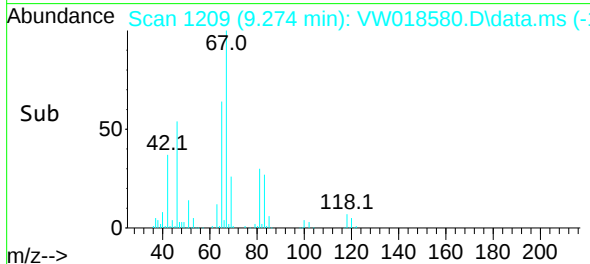
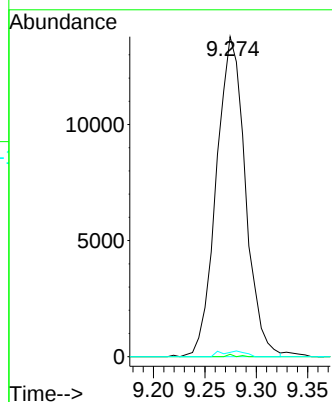


#36
Methylcyclohexane
Concen: 3.97 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018580.D
Acq: 07 Apr 2021 14:54

Instrument :
MSVOA_W
ClientSampled :

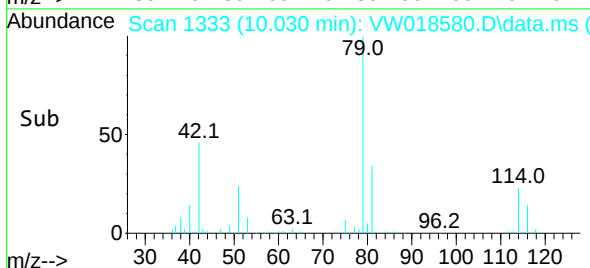
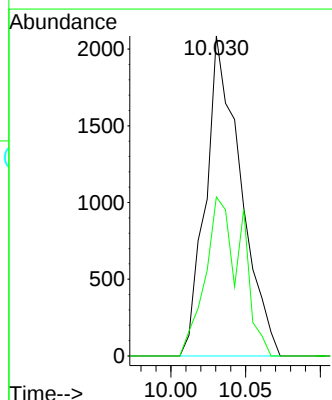
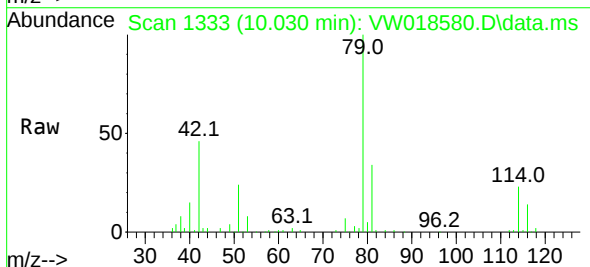


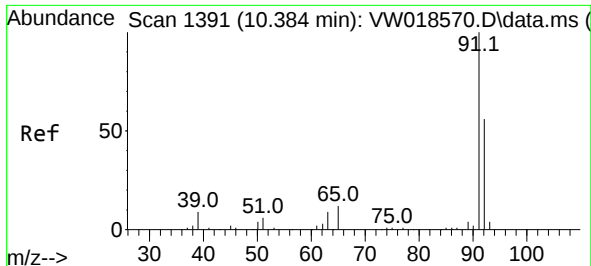
Tgt Ion: 83 Resp: 27046
Ion Ratio Lower Upper
83 100
55 0.1 56.8 85.2#
98 0.5 40.6 61.0#



#42
cis-1,3-Dichloropropene
Concen: 0.58 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018580.D
Acq: 07 Apr 2021 14:54

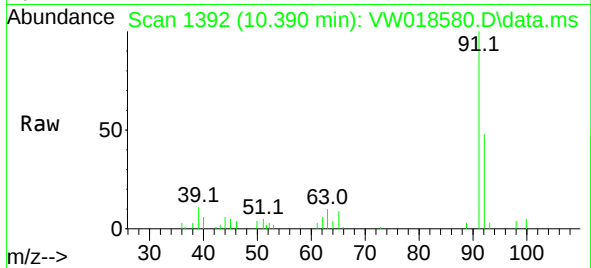
Tgt Ion: 75 Resp: 3383
Ion Ratio Lower Upper
75 100
77 49.7 22.4 41.6#



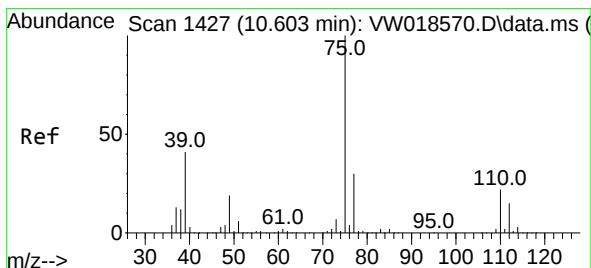
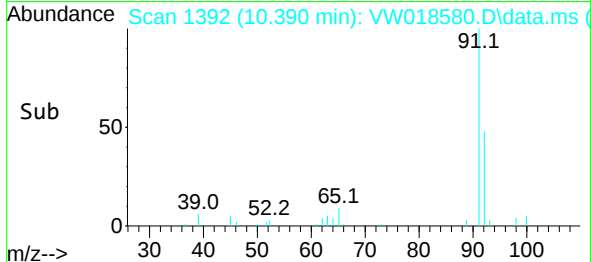
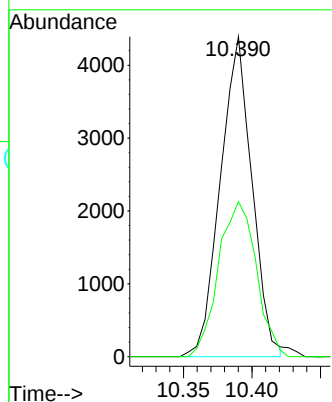


#44
Toluene
Concen: 0.44 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018580.D
Acq: 07 Apr 2021 14:54

Instrument :
MSVOA_W
ClientSampled :

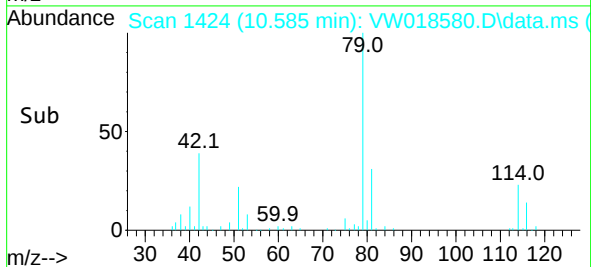
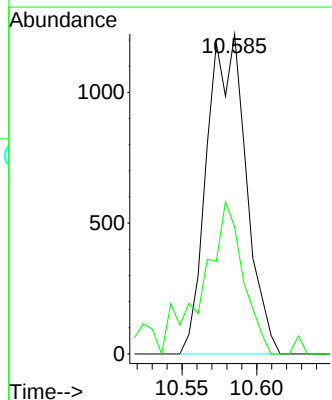
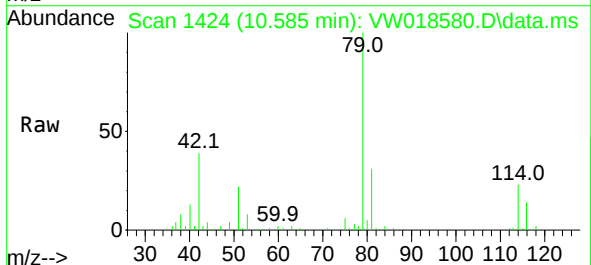


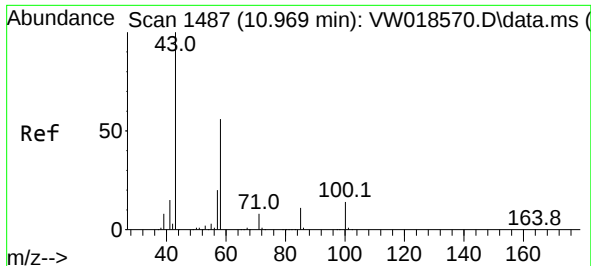
Tgt Ion: 91 Resp: 7038
Ion Ratio Lower Upper
91 100
92 48.4 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 0.42 ug/L
RT: 10.585 min Scan# 1424
Delta R.T. -0.018 min
Lab File: VW018580.D
Acq: 07 Apr 2021 14:54

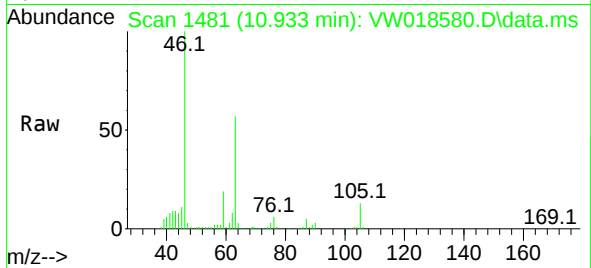
Tgt Ion: 75 Resp: 2207
Ion Ratio Lower Upper
75 100
77 39.7 22.6 42.0



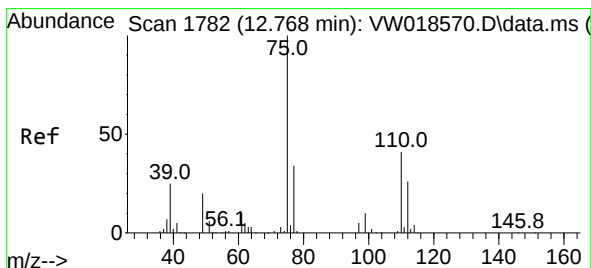
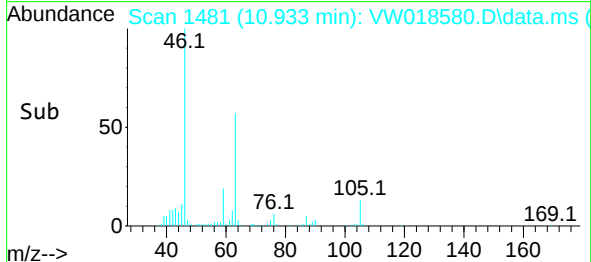
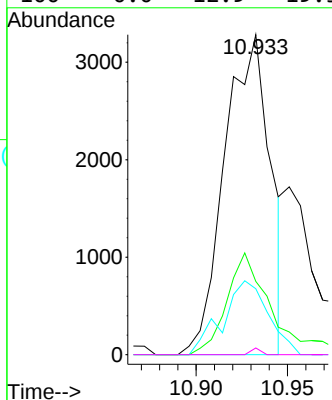


#49
2-Hexanone
Concen: 3.91 ug/L
RT: 10.933 min Scan# 1481
Delta R.T. -0.037 min
Lab File: VW018580.D
Acq: 07 Apr 2021 14:54

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43	Resp: 5733
Ion Ratio	Lower Upper
43 100	
58 28.4	47.3 70.9#
57 18.3	17.3 25.9
100 0.0	12.9 19.3#



#59
1,2,3-Trichloropropane
Concen: 3.41 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018580.D
Acq: 07 Apr 2021 14:54

Tgt Ion: 75	Resp: 8549
Ion Ratio	Lower Upper
75 100	
77 38.9	25.6 38.4#

