

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018582.D
 Acq On : 07 Apr 2021 15:42
 Operator : SY/VA
 Sample : M1881-10RE
 Misc : 4.90G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 08 05:37:03 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)

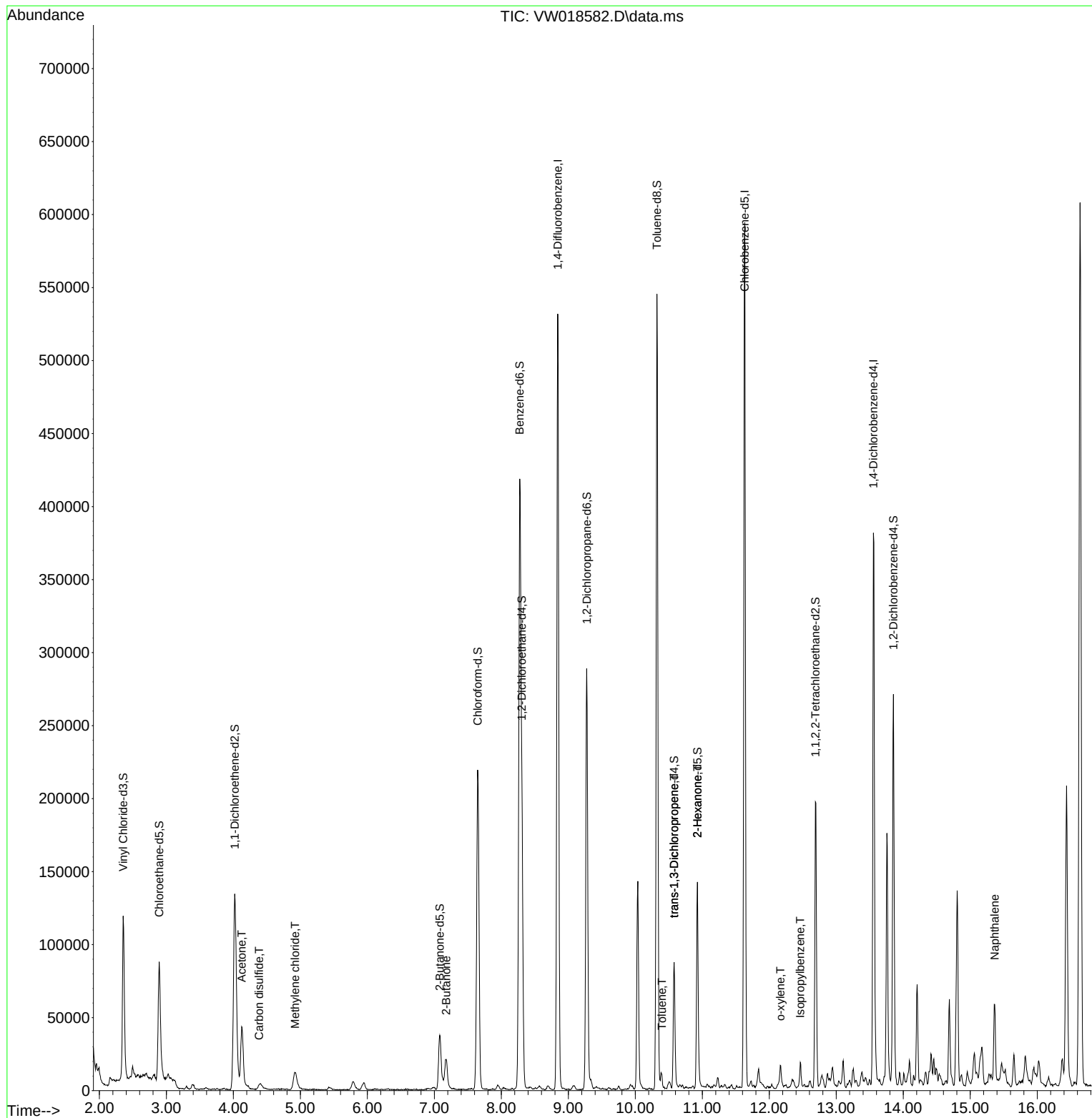
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	441475	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	325105	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	97215	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	129407	21.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.24%
7) Chloroethane-d5	2.891	69	105846	19.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.72%
10) 1,1-Dichloroethene-d2	4.019	63	148445	13.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.96%
20) 2-Butanone-d5	7.080	46	61872	45.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.48%
24) Chloroform-d	7.647	84	221919	19.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.96%
26) 1,2-Dichloroethane-d4	8.305	65	140147	21.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.40%
29) Benzene-d6	8.275	84	425290	24.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.44%
33) 1,2-Dichloropropane-d6	9.274	67	126010	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.12%
37) Toluene-d8	10.323	98	364362	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.60%
38) trans-1,3-Dichloroprop...	10.579	79	46555	18.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.44%
39) 2-Hexanone-d5	10.927	63	46836	48.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.02%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	94121	21.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.44%
61) 1,2-Dichlorobenzene-d4	13.853	152	67312	19.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.92%
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	73576	74.88	ug/L	100
14) Carbon disulfide	4.385	76	7009	0.42	ug/L	96
16) Methylene chloride	4.922	84	6763	0.93	ug/L	94
21) 2-Butanone	7.177	43	31187	19.98	ug/L	72
44) Toluene	10.396	91	7922	0.37	ug/L	92
45) trans-1,3-Dichloropropene	10.579	75	2783	0.40	ug/L #	66
49) 2-Hexanone	10.927	43	6674	3.41	ug/L #	63
55) o-xylene	12.164	106	3778	0.43	ug/L	98
57) Isopropylbenzene	12.463	105	9149	0.38	ug/L #	91
69) Naphthalene	15.365	128	49323	6.20	ug/L	99

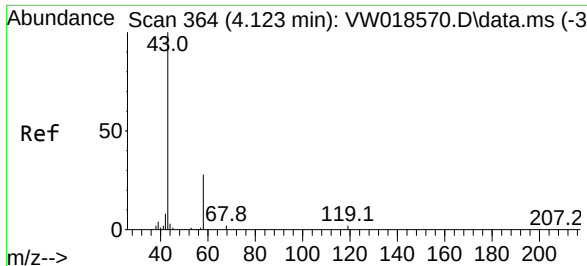
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 08 05:37:03 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

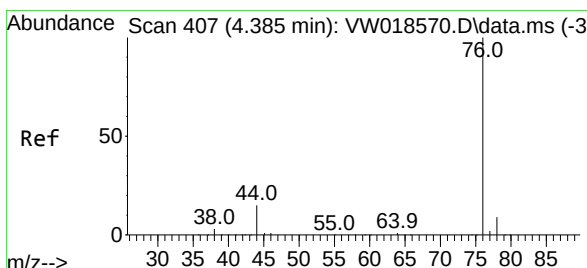
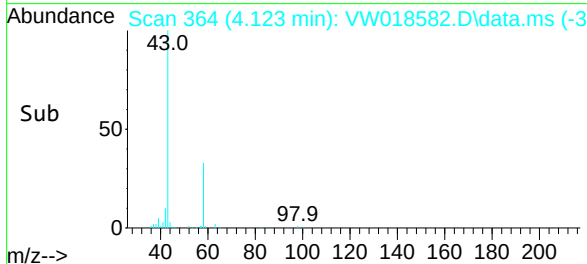
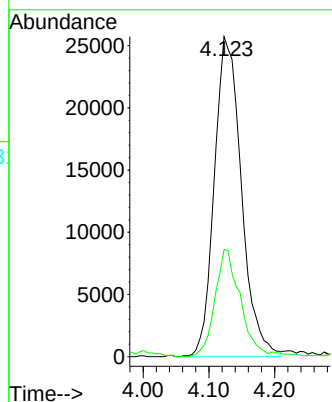
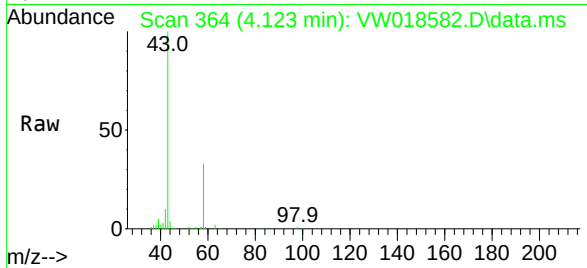




#13
Acetone
Concen: 74.88 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW018582.D
Acq: 07 Apr 2021 15:42

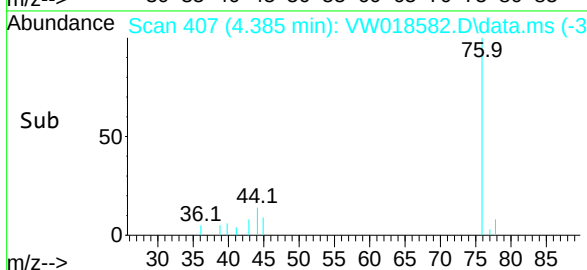
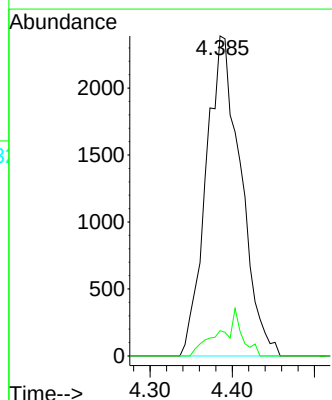
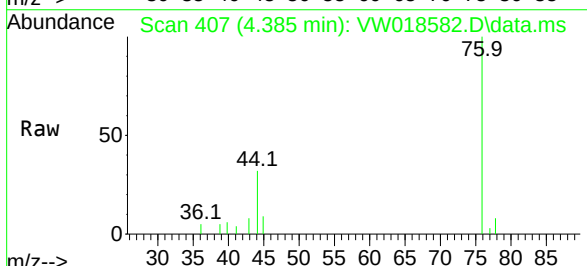
Instrument :
MSVOA_W
ClientSampled :

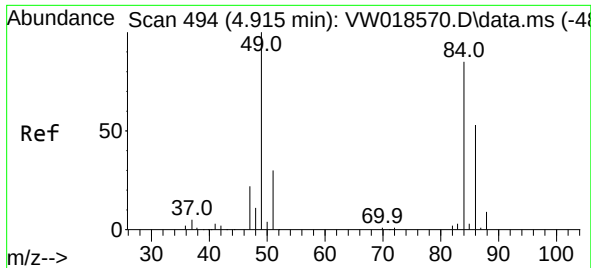
Tgt Ion: 43 Resp: 73576
Ion Ratio Lower Upper
43 100
58 31.0 0.0 62.2



#14
Carbon disulfide
Concen: 0.42 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018582.D
Acq: 07 Apr 2021 15:42

Tgt Ion: 76 Resp: 7009
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.2

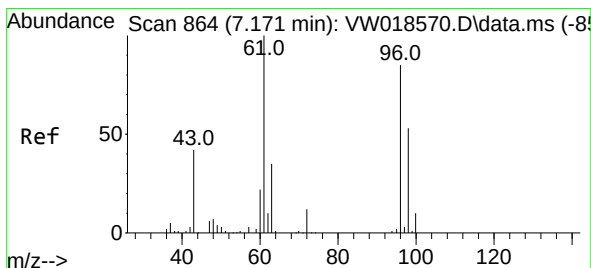
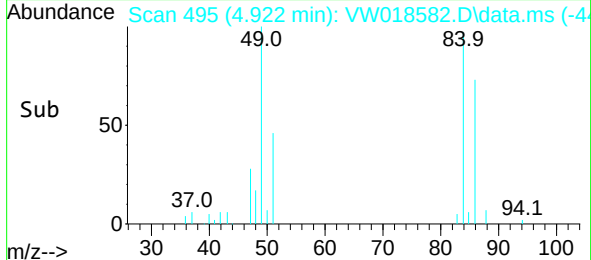
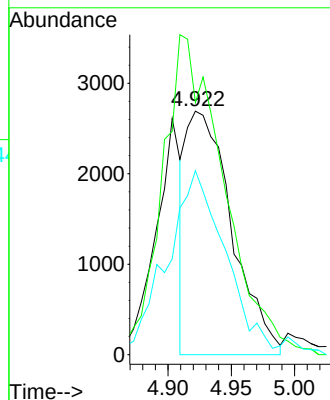
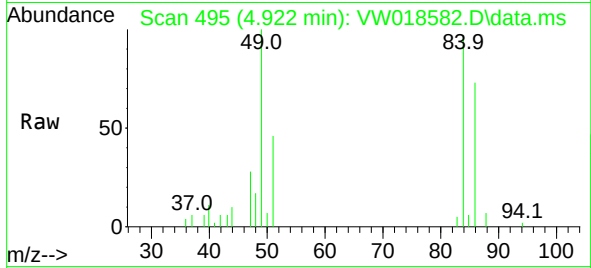




#16
Methylene chloride
Concen: 0.93 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018582.D
Acq: 07 Apr 2021 15:42

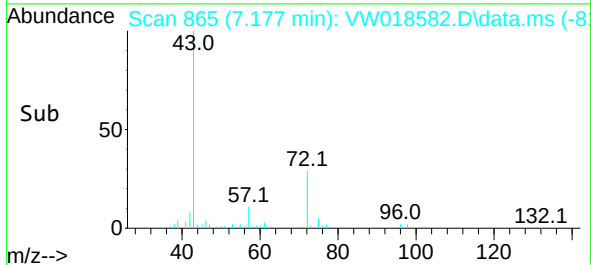
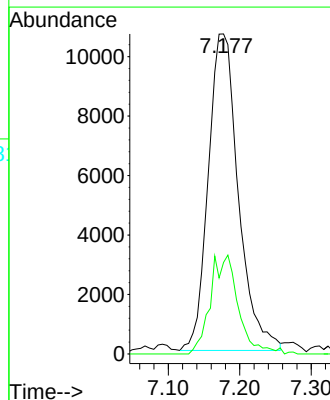
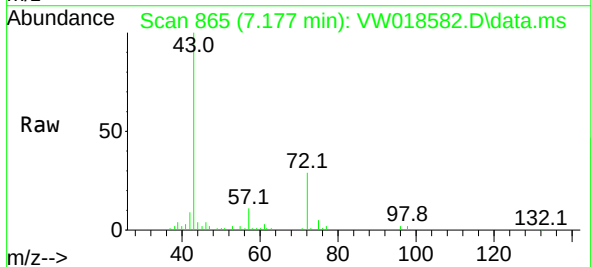
Instrument :
MSVOA_W
ClientSampled :

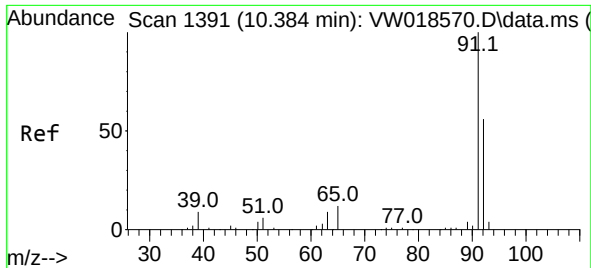
Tgt Ion: 84 Resp: 6763
Ion Ratio Lower Upper
84 100
49 103.6 74.4 138.2
86 75.6 46.1 85.7



#21
2-Butanone
Concen: 19.98 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018582.D
Acq: 07 Apr 2021 15:42

Tgt Ion: 43 Resp: 31187
Ion Ratio Lower Upper
43 100
72 17.2 16.5 49.5

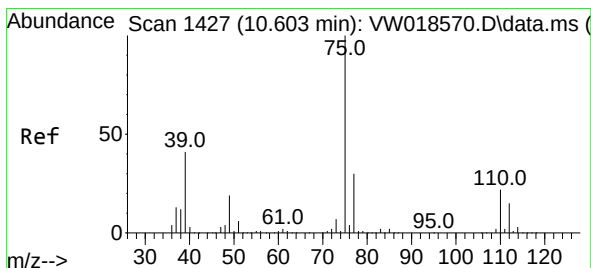
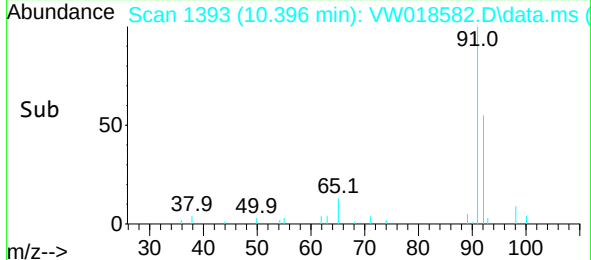
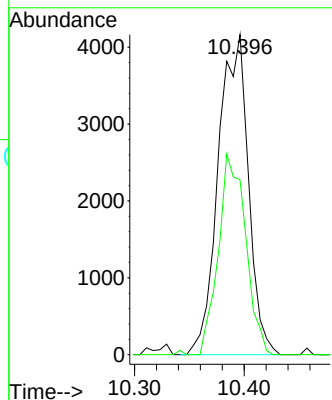
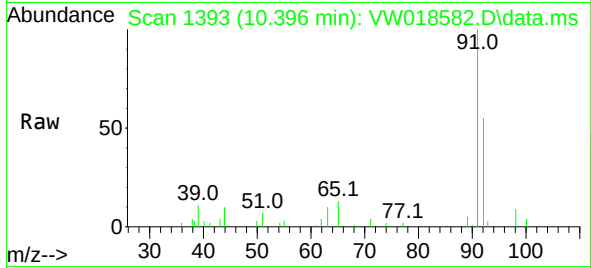




#44
Toluene
Concen: 0.37 ug/L
RT: 10.396 min Scan# 1393
Delta R.T. 0.012 min
Lab File: VW018582.D
Acq: 07 Apr 2021 15:42

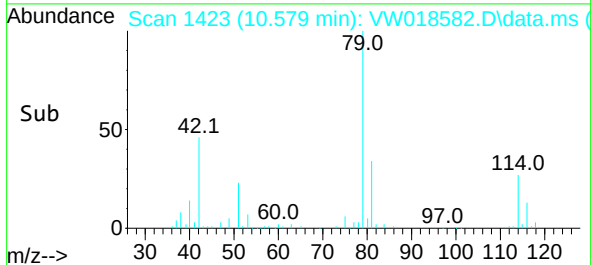
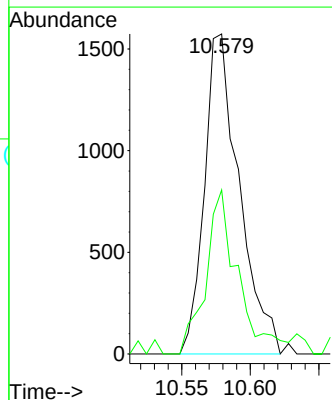
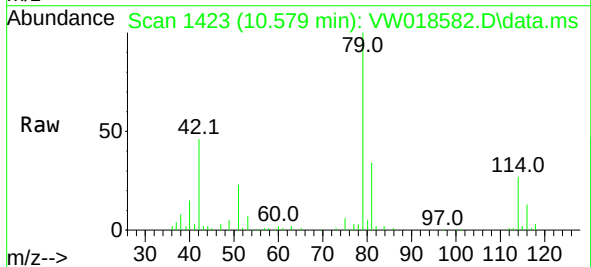
Instrument :
MSVOA_W
ClientSampled :

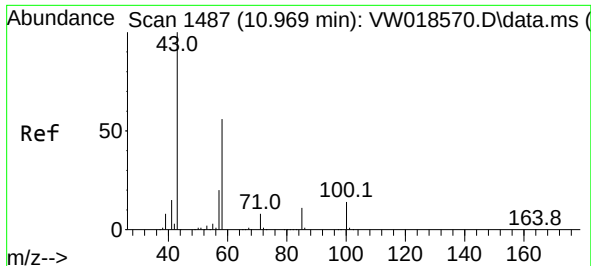
Tgt Ion: 91 Resp: 7922
Ion Ratio Lower Upper
91 100
92 54.7 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 0.40 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018582.D
Acq: 07 Apr 2021 15:42

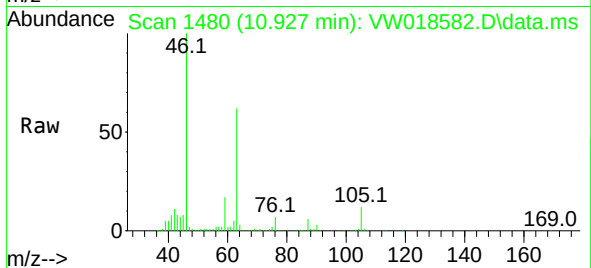
Tgt Ion: 75 Resp: 2783
Ion Ratio Lower Upper
75 100
77 51.3 22.6 42.0#



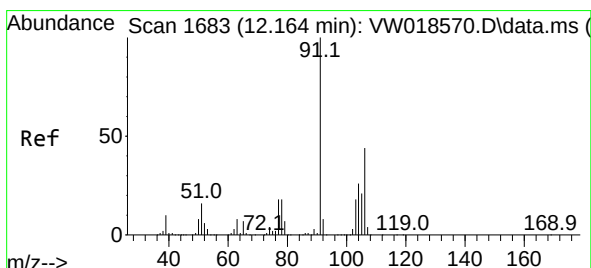
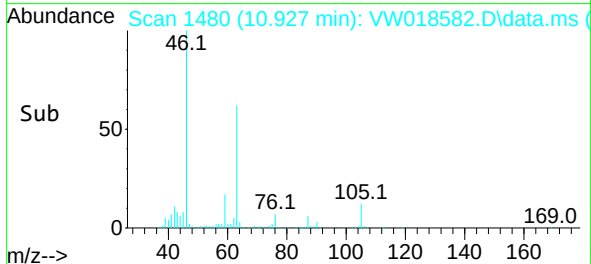
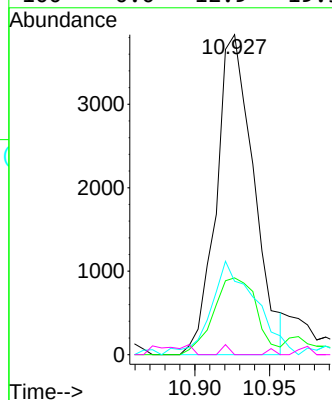


#49
2-Hexanone
Concen: 3.41 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW018582.D
Acq: 07 Apr 2021 15:42

Instrument :
MSVOA_W
ClientSampleId :

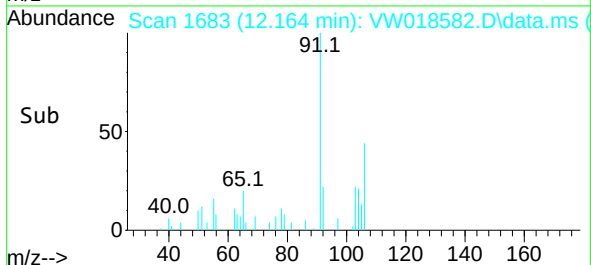
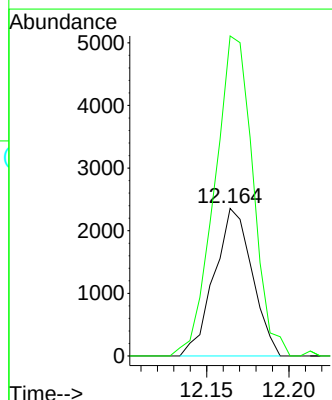
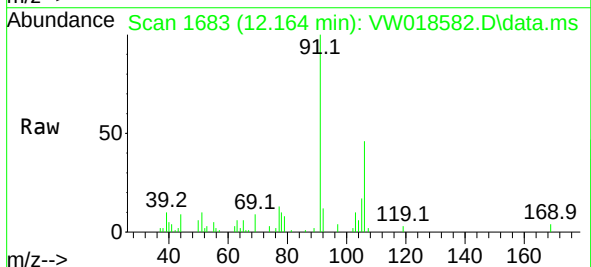


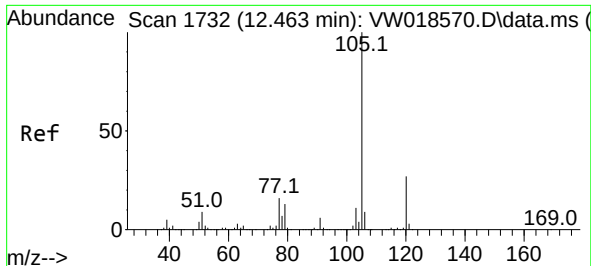
Tgt Ion: 43 Resp: 6674
Ion Ratio Lower Upper
43 100
58 27.8 47.3 70.9#
57 33.7 17.3 25.9#
100 0.0 12.9 19.3#



#55
o-xylene
Concen: 0.43 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018582.D
Acq: 07 Apr 2021 15:42

Tgt Ion: 106 Resp: 3778
Ion Ratio Lower Upper
106 100
91 216.9 154.3 286.5

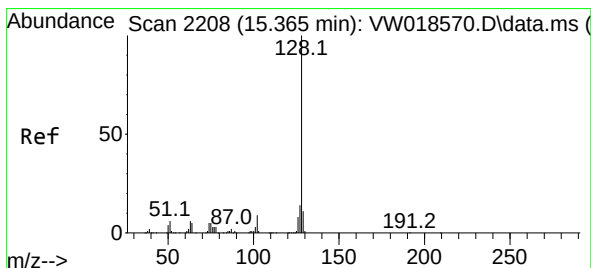
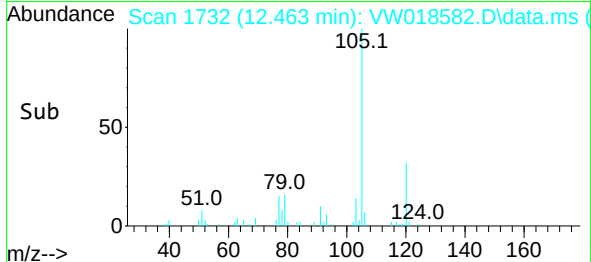
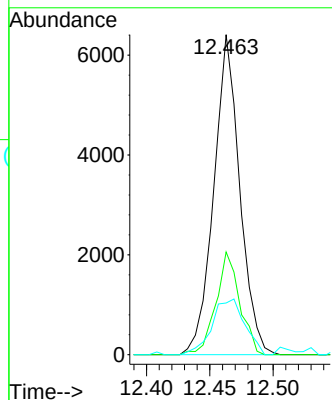
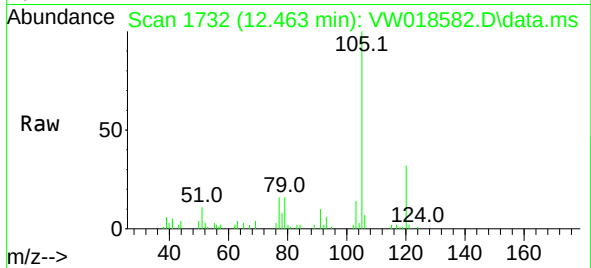




#57
Isopropylbenzene
Concen: 0.38 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018582.D
Acq: 07 Apr 2021 15:42

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:105 Resp: 9149
Ion Ratio Lower Upper
105 100
120 29.4 20.9 31.3
77 22.0 13.2 19.8#



#69
Naphthalene
Concen: 6.20 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018582.D
Acq: 07 Apr 2021 15:42

Tgt Ion:128 Resp: 49323
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 14.1 10.7 16.1

