

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
 Data File : VW019893.D
 Acq On : 25 Aug 2021 11:36
 Operator : SY/VA
 Sample : M3526-09RE
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 26 01:10:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 26 01:07:03 2021
 Response via : Initial Calibration

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

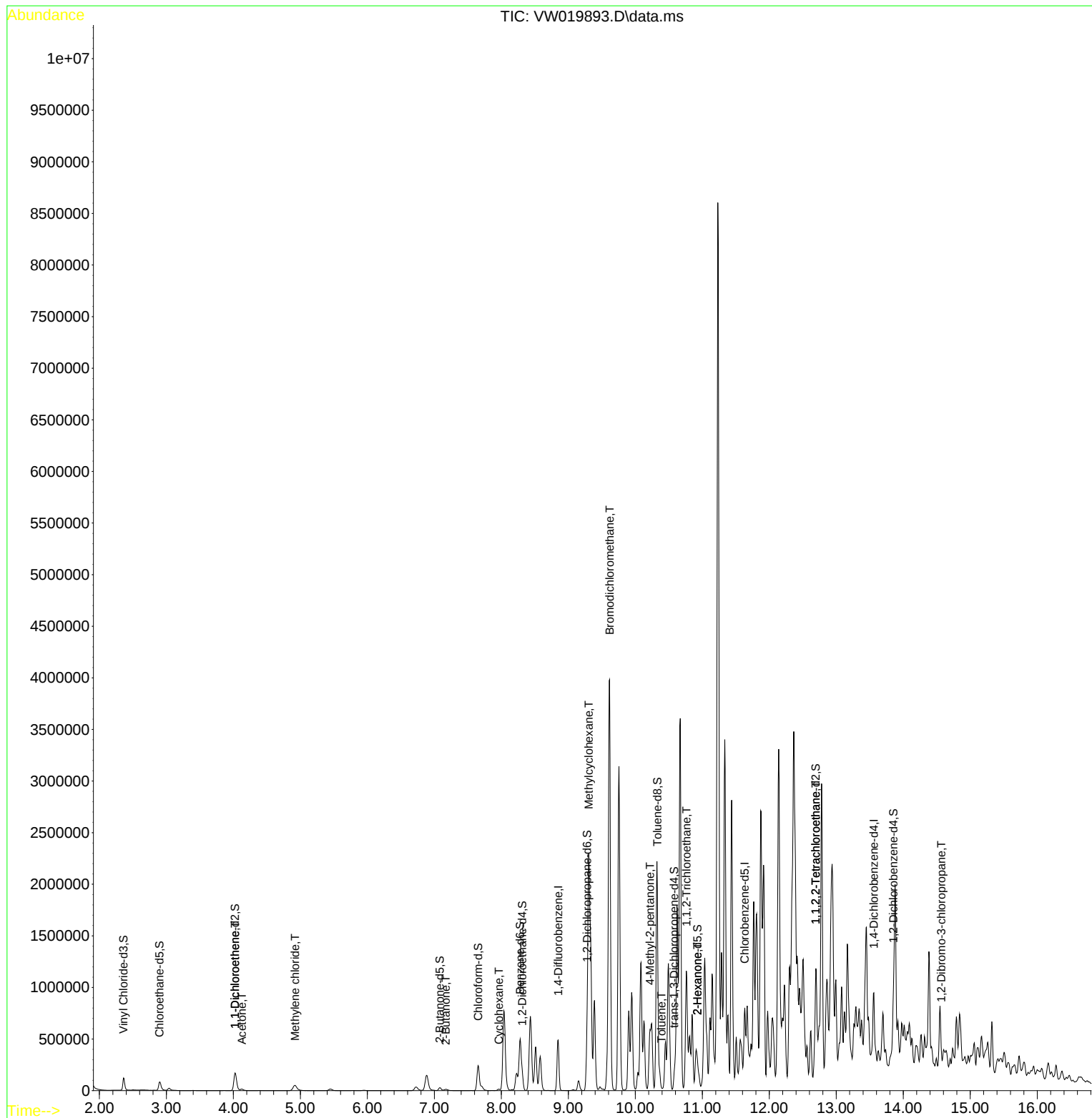
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	415342	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	352189	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	179307	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	139639	21.699	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.800%
7) Chloroethane-d5	2.898	69	115660	20.476	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.920%
11) 1,1-Dichloroethene-d2	4.025	63	185570	16.618	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.480%
21) 2-Butanone-d5	7.080	46	46495	35.570	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.140%
24) Chloroform-d	7.653	84	244834	21.434	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.720%
26) 1,2-Dichloroethane-d4	8.311	65	121434	19.727	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.920%
32) Benzene-d6	8.281	84	514008	25.597	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	9.281	67	219185	36.044	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	144.160%#
41) Toluene-d8	10.329	98	485980	26.409	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.640%
43) trans-1,3-Dichloroprop...	10.579	79	56113	22.336	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.360%
47) 2-Hexanone-d5	10.927	63	34041	40.183	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.360%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	95597	19.315	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	136340	22.167	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.680%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.025	96	1521	0.270	ug/L #	1
13) Acetone	4.129	43	15730	14.097	ug/L	98
16) Methylene chloride	4.922	84	17083	2.396	ug/L	87
22) 2-Butanone	7.171	43	7903	5.465	ug/L #	57
29) Cyclohexane	7.964	56	7042	0.851	ug/L	93
35) Methylcyclohexane	9.305	83	696756	72.290	ug/L #	47
38) Bromodichloromethane	9.616	83	109598	15.803	ug/L #	43
40) 4-Methyl-2-pentanone	10.219	43	18991	6.671	ug/L #	46
42) Toluene	10.390	91	7079	0.309	ug/L	98
45) 1,1,2-Trichloroethane	10.762	97	408520	105.407	ug/L #	22
48) 2-Hexanone	10.927	43	72371	36.522	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	12.695	83	46556	9.796	ug/L #	57
68) 1,2-Dibromo-3-chloropr...	14.566	75	1436	1.874	ug/L #	32

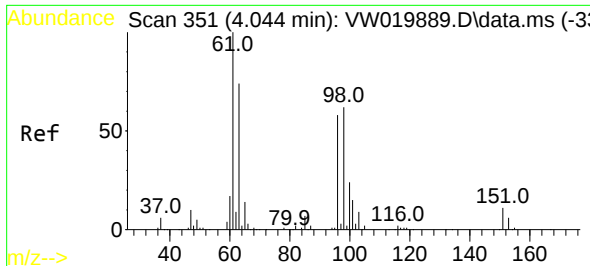
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

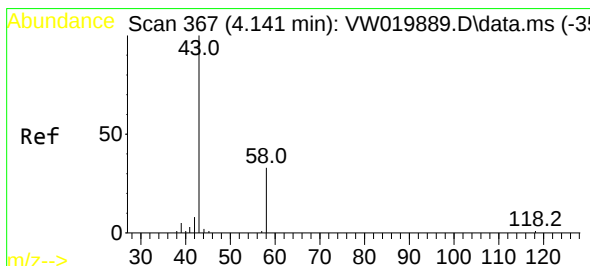
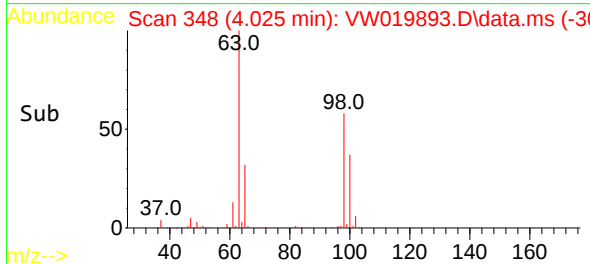
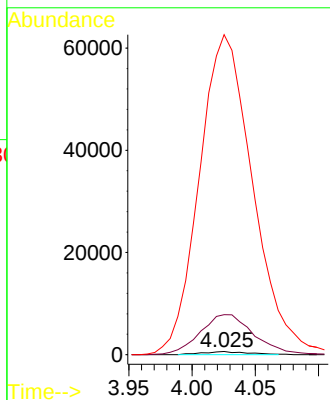
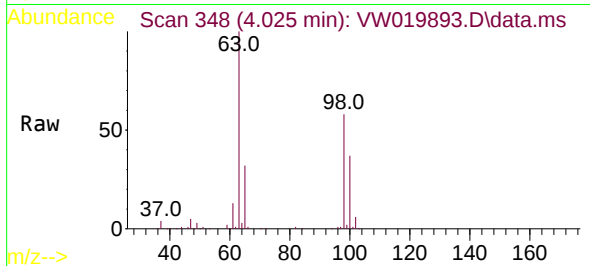




#12
1,1-Dichloroethene
Concen: 0.270 ug/L
RT: 4.025 min Scan# 348
Delta R.T. -0.018 min
Lab File: VW019893.D
Acq: 25 Aug 2021 11:36

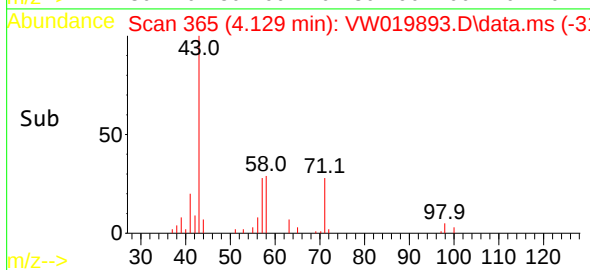
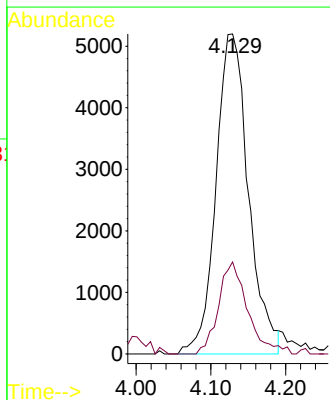
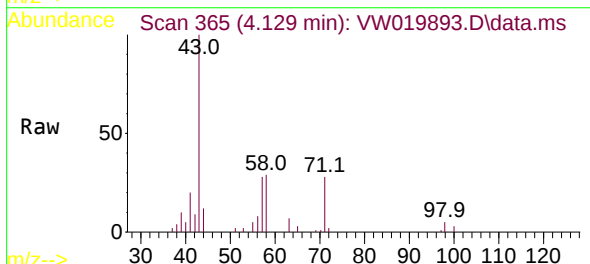
Instrument :
MSVOA_W
ClientSampled :

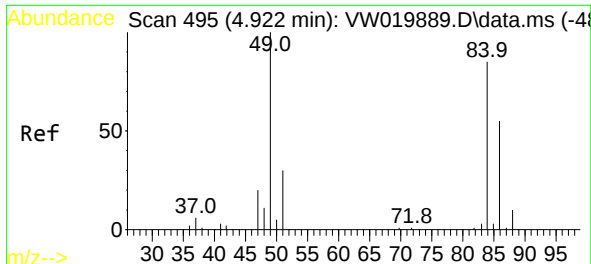
Tgt Ion: 96 Resp: 1521
Ion Ratio Lower Upper
96 100
61 1238.4 118.1 219.3#
63 9893.2 83.7 155.5#



#13
Acetone
Concen: 14.097 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.012 min
Lab File: VW019893.D
Acq: 25 Aug 2021 11:36

Tgt Ion: 43 Resp: 15730
Ion Ratio Lower Upper
43 100
58 25.8 0.0 53.8

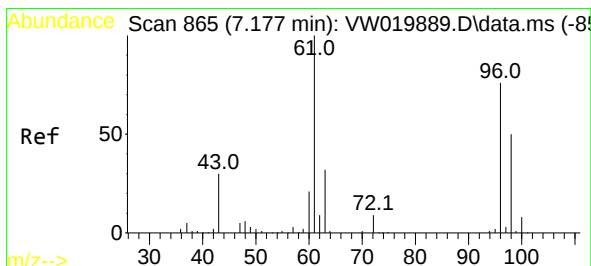
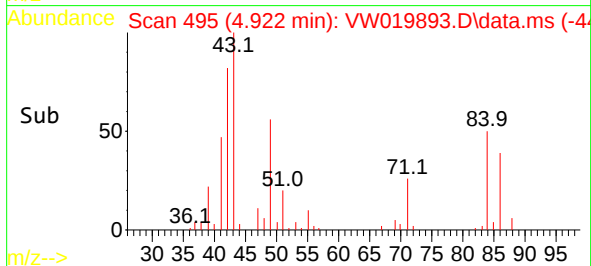
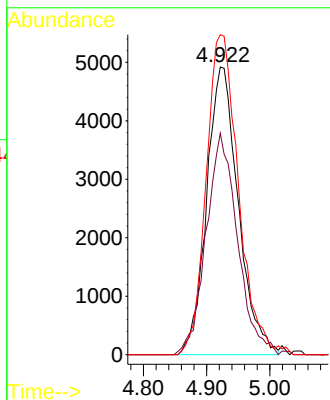
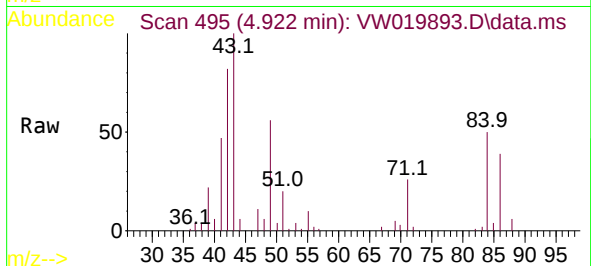




#16
Methylene chloride
Concen: 2.396 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019893.D
Acq: 25 Aug 2021 11:36

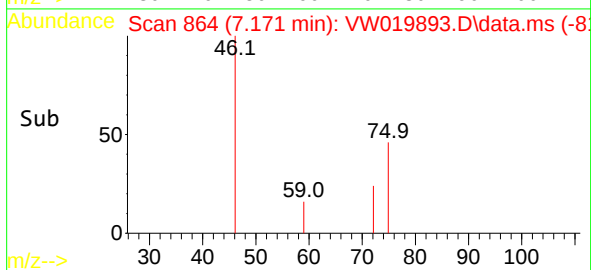
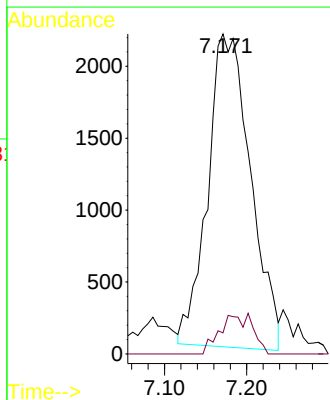
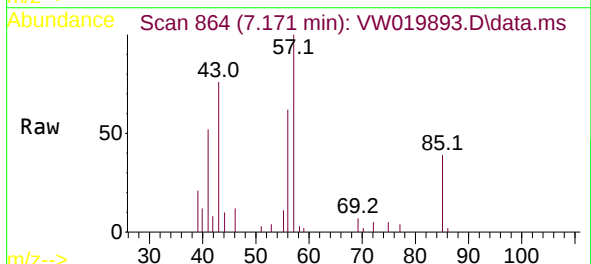
Instrument :
MSVOA_W
ClientSampled :

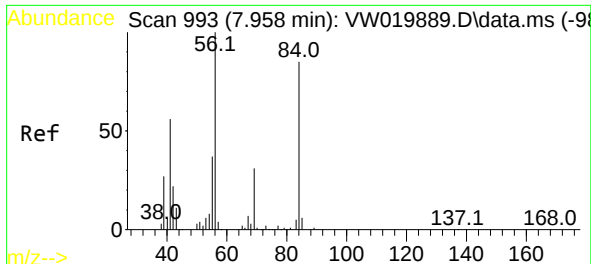
Tgt Ion:	84	Resp:	17083
Ion	Ratio	Lower	Upper
84	100		
86	77.0	45.3	84.1
49	111.3	86.6	160.8



#22
2-Butanone
Concen: 5.465 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW019893.D
Acq: 25 Aug 2021 11:36

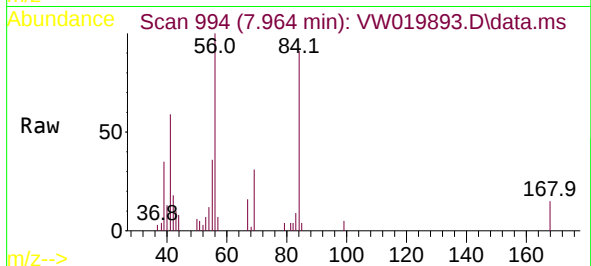
Tgt Ion:	43	Resp:	7903
Ion	Ratio	Lower	Upper
43	100		
72	6.8	14.9	44.7#



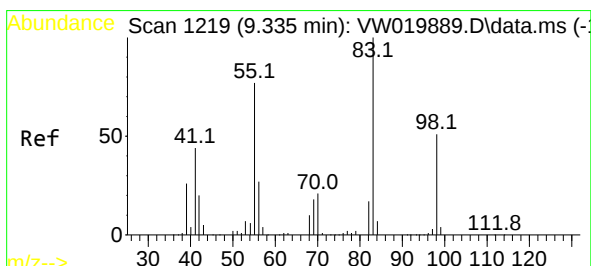
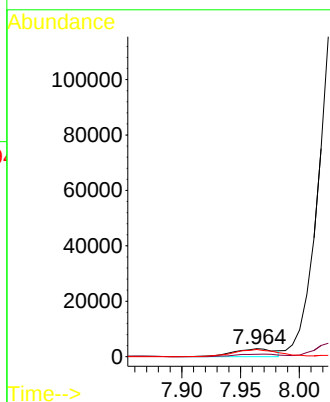
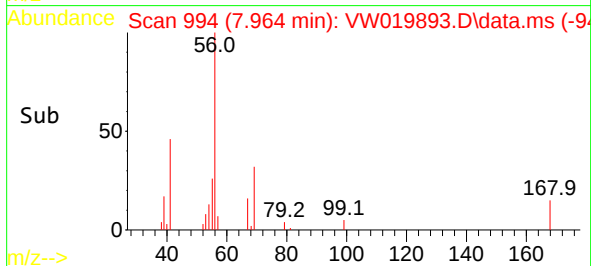


#29
Cyclohexane
Concen: 0.851 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.006 min
Lab File: VW019893.D
Acq: 25 Aug 2021 11:36

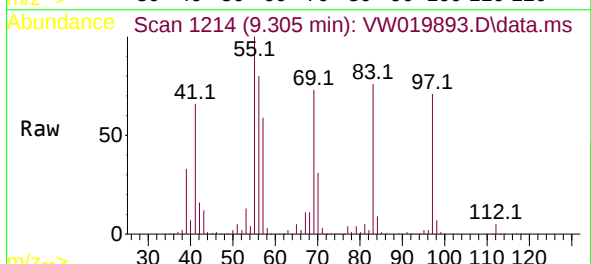
Instrument :
MSVOA_W
ClientSampled :



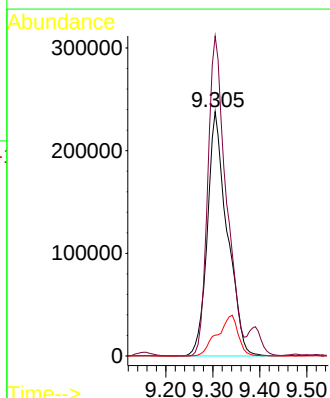
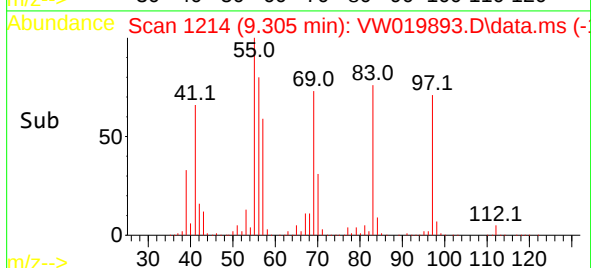
Tgt Ion: 56 Resp: 7042
Ion Ratio Lower Upper
56 100
69 36.5 24.5 36.7
84 98.9 75.0 112.4

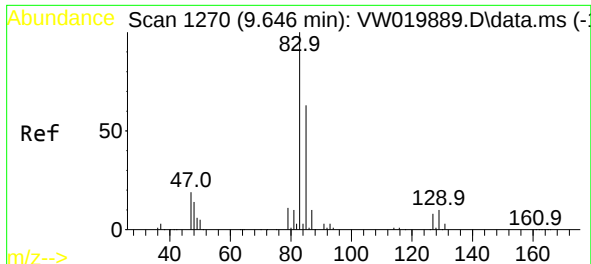


#35
Methylcyclohexane
Concen: 72.290 ug/L
RT: 9.305 min Scan# 1214
Delta R.T. -0.030 min
Lab File: VW019893.D
Acq: 25 Aug 2021 11:36



Tgt Ion: 83 Resp: 696756
Ion Ratio Lower Upper
83 100
55 121.5 58.9 88.3#
98 17.6 40.1 60.1#

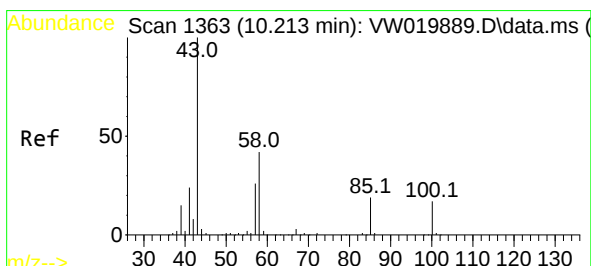
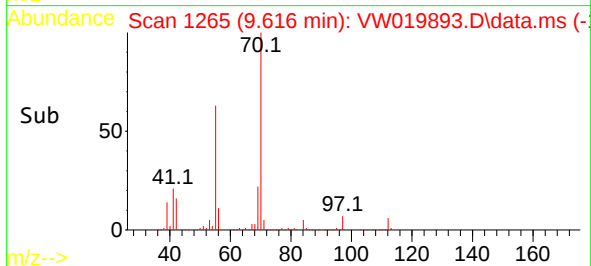
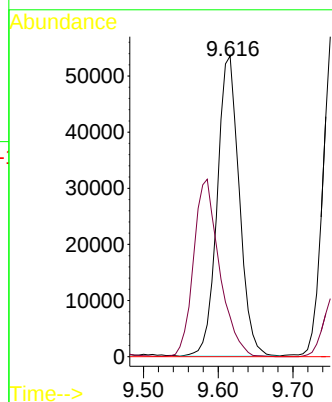
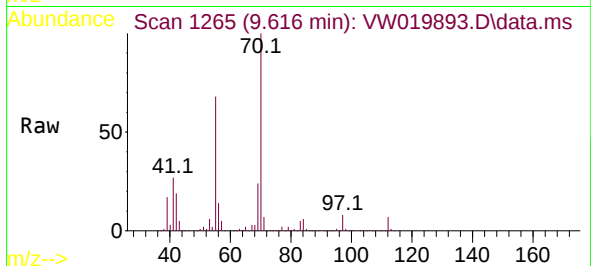




#38
Bromodichloromethane
Concen: 15.803 ug/L
RT: 9.616 min Scan# 1265
Delta R.T. -0.030 min
Lab File: VW019893.D
Acq: 25 Aug 2021 11:36

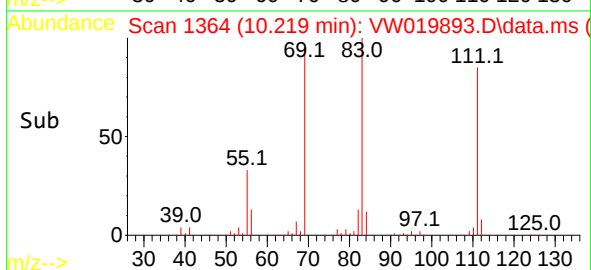
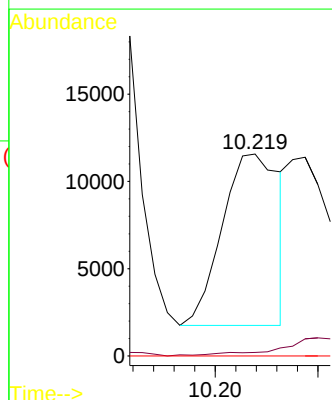
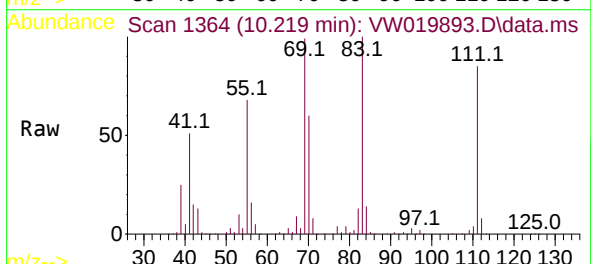
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MSVOA_W
ClientSampled :

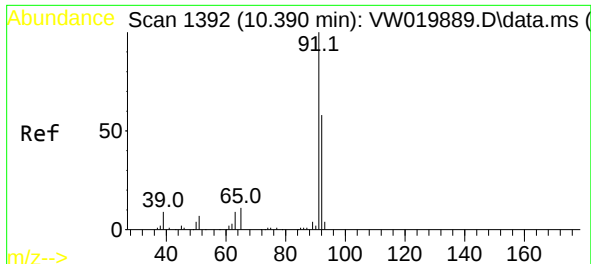
Tgt Ion: 83 Resp: 109598
Ion Ratio Lower Upper
83 100
85 13.3 42.3 78.5#
127 0.0 6.6 9.8#



#40
4-Methyl-2-pentanone
Concen: 6.671 ug/L
RT: 10.219 min Scan# 1364
Delta R.T. 0.006 min
Lab File: VW019893.D
Acq: 25 Aug 2021 11:36

Tgt Ion: 43 Resp: 18991
Ion Ratio Lower Upper
43 100
58 1.4 31.0 46.4#
100 0.0 13.0 19.6#

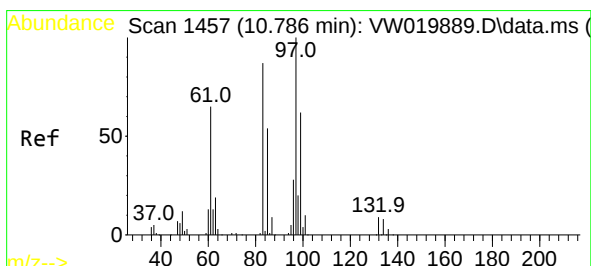
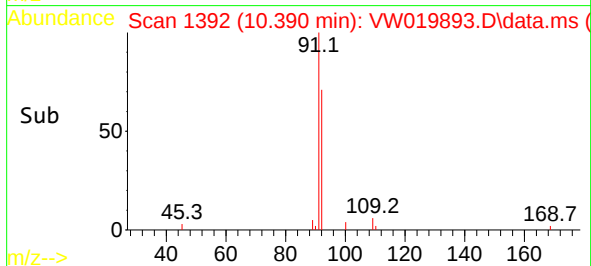
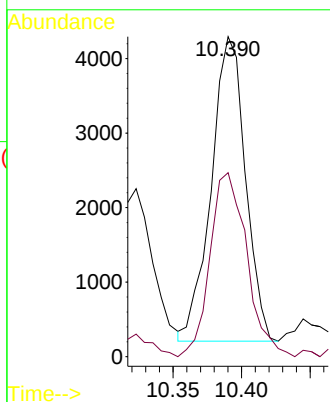
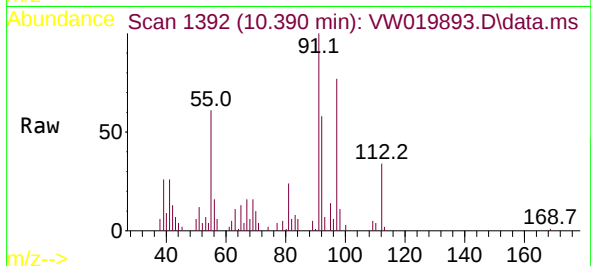




#42
Toluene
Concen: 0.309 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019893.D
Acq: 25 Aug 2021 11:36

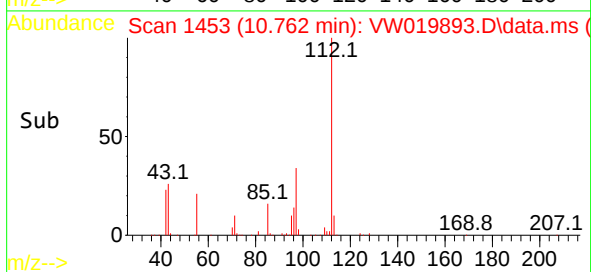
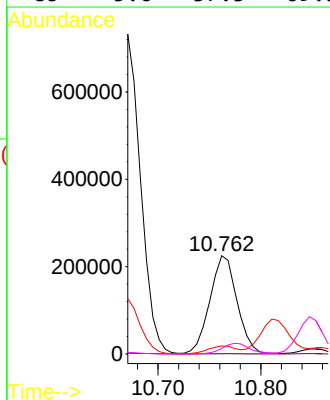
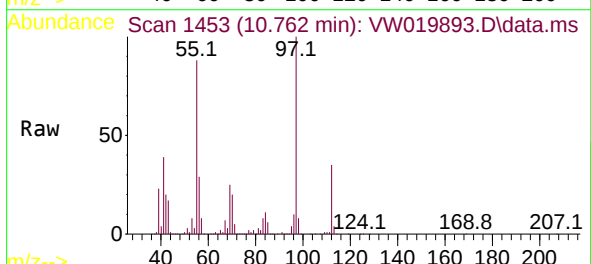
Instrument :
MSVOA_W
ClientSampled :

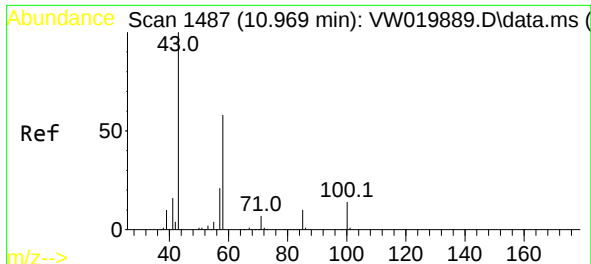
Tgt Ion: 91 Resp: 7079
Ion Ratio Lower Upper
91 100
92 57.5 39.5 73.3



#45
1,1,2-Trichloroethane
Concen: 105.407 ug/L
RT: 10.762 min Scan# 1453
Delta R.T. -0.024 min
Lab File: VW019893.D
Acq: 25 Aug 2021 11:36

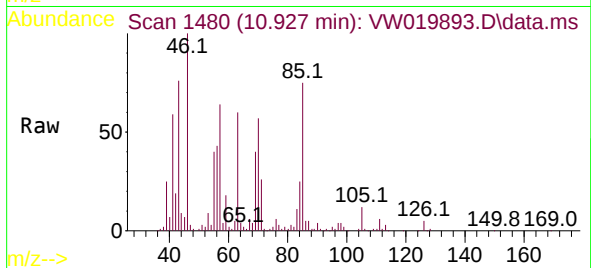
Tgt Ion: 97 Resp: 408520
Ion Ratio Lower Upper
97 100
99 0.2 45.1 83.7#
83 8.2 58.1 107.9#
85 5.6 37.3 69.3#



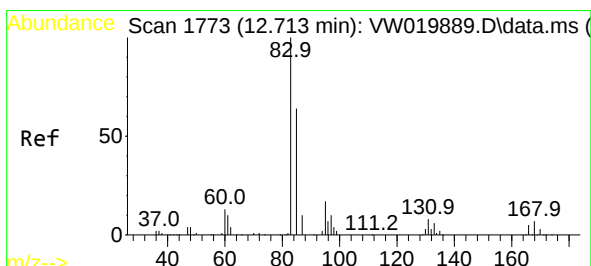
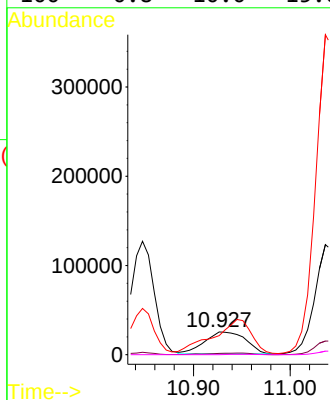
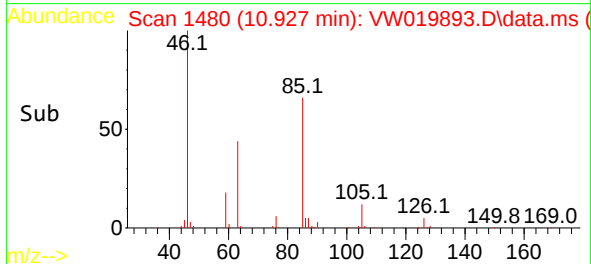


#48
2-Hexanone
Concen: 36.522 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW019893.D
Acq: 25 Aug 2021 11:36

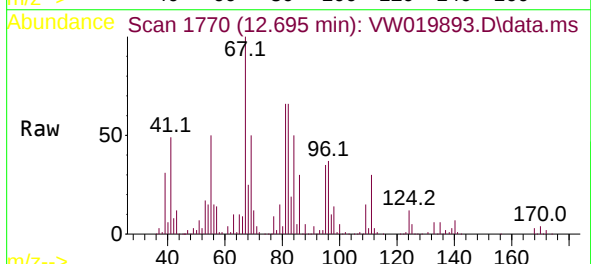
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MSVOA_W
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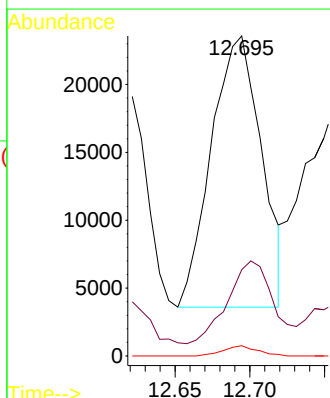
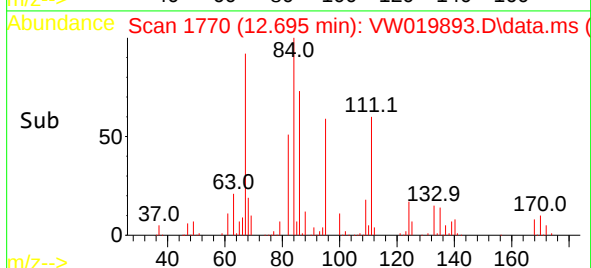
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Ion Ratio Lower Upper
43 100
58 6.2 42.7 64.1#
57 145.2 15.8 23.8#
100 0.8 10.0 15.0#

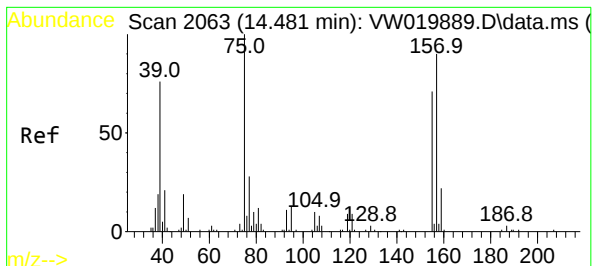


#57
1,1,2,2-Tetrachloroethane
Concen: 9.796 ug/L
RT: 12.695 min Scan# 1770
Delta R.T. -0.018 min
Lab File: VW019893.D
Acq: 25 Aug 2021 11:36



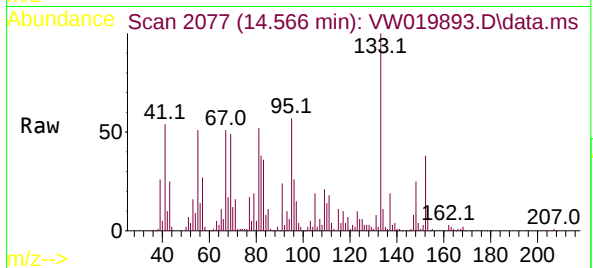
Tgt Ion: 83 Resp: 46556
Ion Ratio Lower Upper
83 100
85 26.9 44.4 82.4#
131 3.2 8.2 12.4#





#68
1,2-Dibromo-3-chloropropane
Concen: 1.874 ug/L
RT: 14.566 min Scan# 2077
Delta R.T. 0.085 min
Lab File: VW019893.D
Acq: 25 Aug 2021 11:36

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 75 Resp: 1436
Ion Ratio Lower Upper
75 100
155 44.9 59.4 89.0#
157 0.0 72.2 108.2#

