

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
 Data File : VW019895.D
 Acq On : 25 Aug 2021 15:11
 Operator : SY/VA
 Sample : M3526-12
 Misc : 3.69g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 26 01:10:46 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)

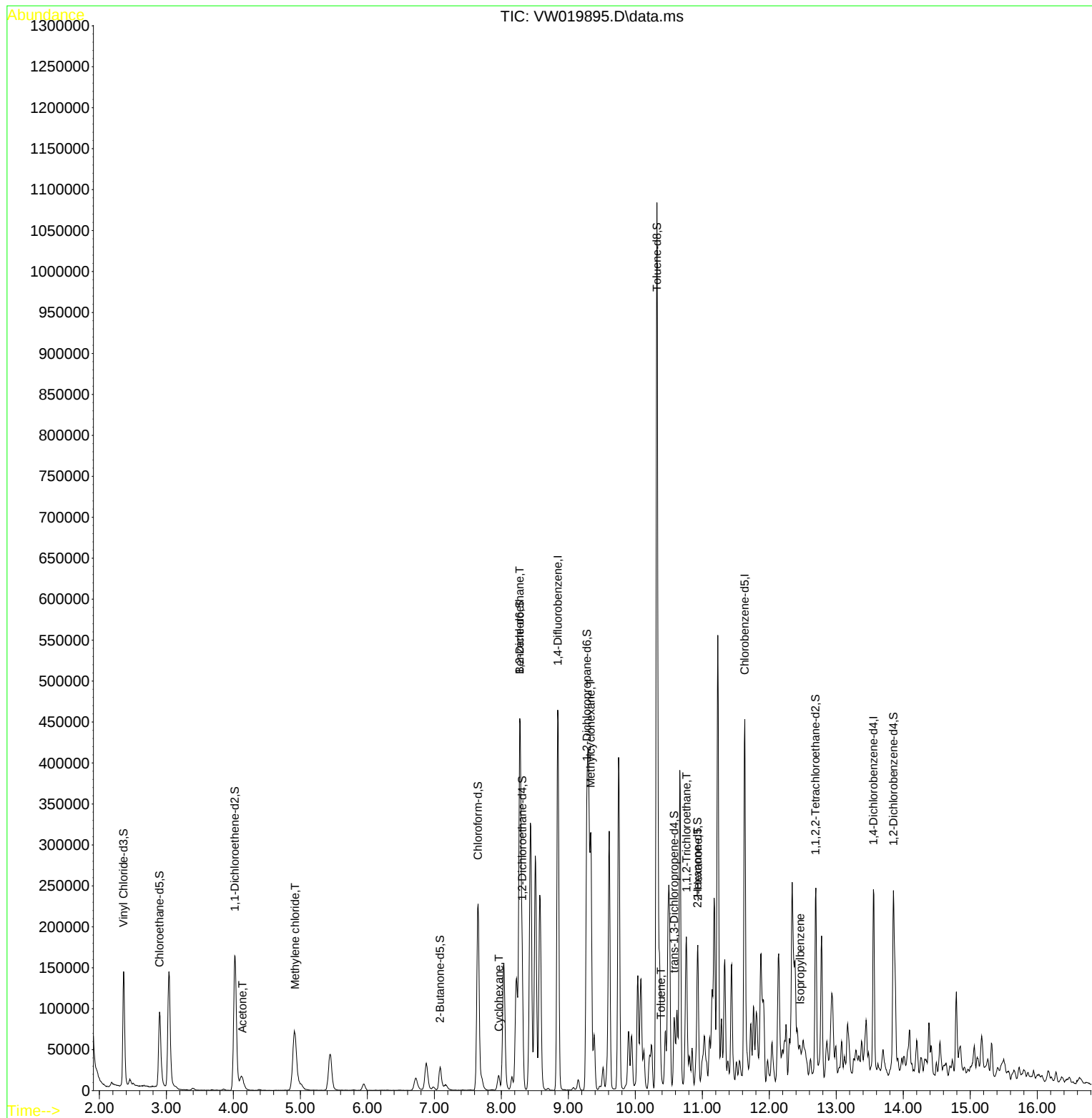
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	392112	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	244786	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	60873	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	149503	24.608	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.440%
7) Chloroethane-d5	2.898	69	124656	23.376	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.520%
11) 1,1-Dichloroethene-d2	4.019	63	177048	16.794	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.160%
21) 2-Butanone-d5	7.086	46	47111	38.176	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.360%
24) Chloroform-d	7.653	84	230718	21.395	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	8.311	65	114104	19.635	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.520%
32) Benzene-d6	8.275	84	472234	33.835	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	135.320%#
36) 1,2-Dichloropropane-d6	9.274	67	146894	34.755	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	139.000%#
41) Toluene-d8	10.323	98	383939	30.018	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	120.080%
43) trans-1,3-Dichloroprop...	10.579	79	40811	23.373	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.480%
47) 2-Hexanone-d5	10.927	63	33018	56.076	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.160%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	82321	23.930	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	52801	25.287	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.160%
Target Compounds					Qvalue	
13) Acetone	4.135	43	8696	8.255	ug/L	82
16) Methylene chloride	4.922	84	22328	3.318	ug/L	91
27) 1,2-Dichloroethane	8.275	62	3008	0.451	ug/L	96
29) Cyclohexane	7.964	56	9098	1.583	ug/L #	94
35) Methylcyclohexane	9.335	83	115174	17.193	ug/L #	46
42) Toluene	10.384	91	6594	0.414	ug/L	99
45) 1,1,2-Trichloroethane	10.762	97	69890	25.945	ug/L #	21
48) 2-Hexanone	10.933	43	39428	28.627	ug/L #	27
60) Isopropylbenzene	12.463	105	7085	0.859	ug/L #	96

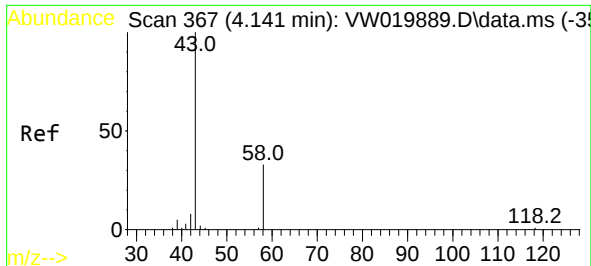
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

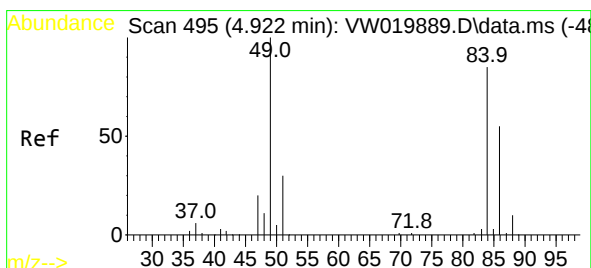
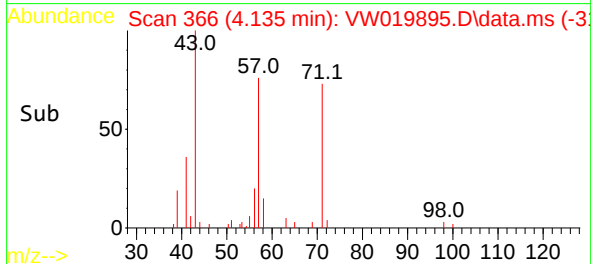
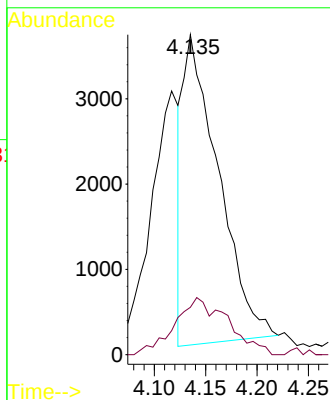
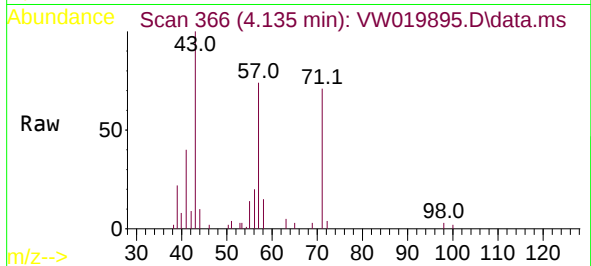




#13
Acetone
Concen: 8.255 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW019895.D
Acq: 25 Aug 2021 15:11

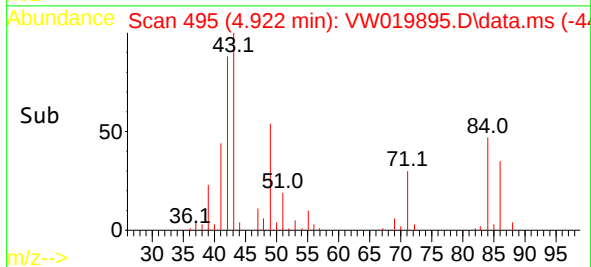
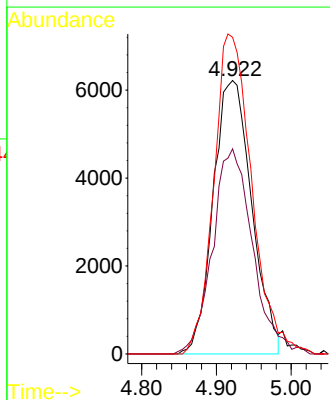
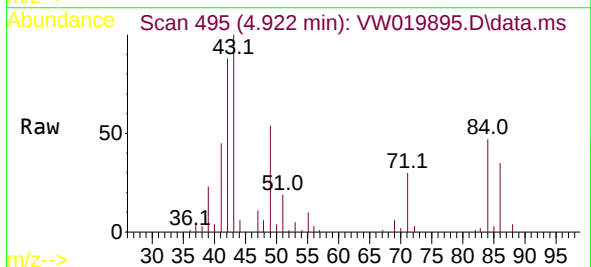
Instrument :
MSVOA_W
ClientSampled :

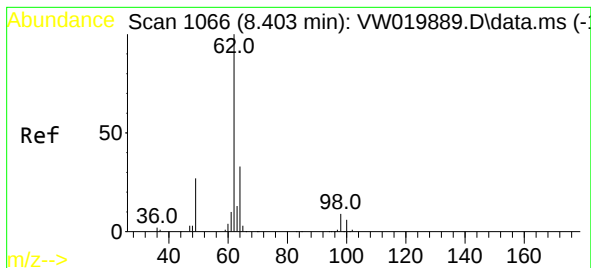
Tgt Ion: 43 Resp: 8696
Ion Ratio Lower Upper
43 100
58 17.4 0.0 53.8



#16
Methylene chloride
Concen: 3.318 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019895.D
Acq: 25 Aug 2021 15:11

Tgt Ion: 84 Resp: 22328
Ion Ratio Lower Upper
84 100
86 75.0 45.3 84.1
49 115.8 86.6 160.8

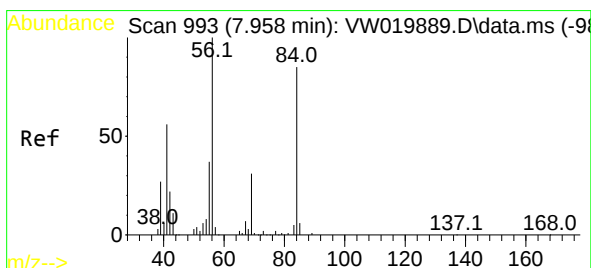
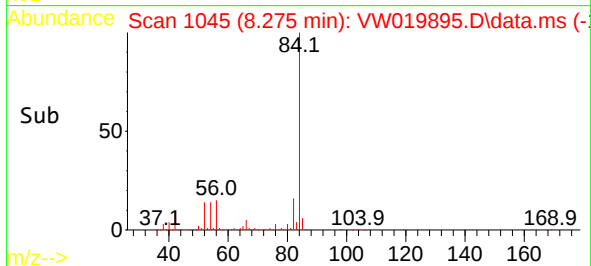
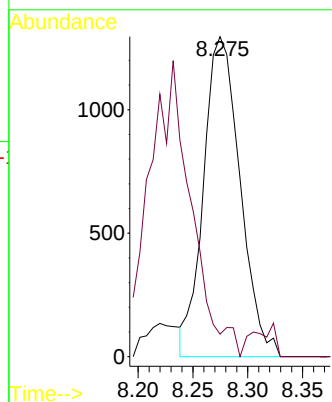
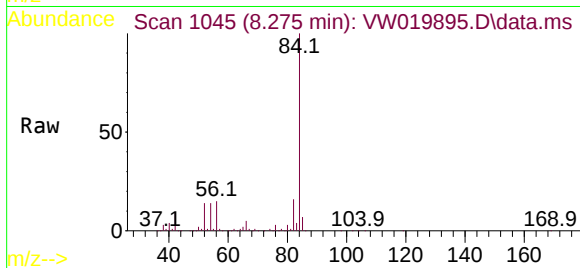




#27
1,2-Dichloroethane
Concen: 0.451 ug/L
RT: 8.275 min Scan# 1045
Delta R.T. -0.128 min
Lab File: VW019895.D
Acq: 25 Aug 2021 15:11

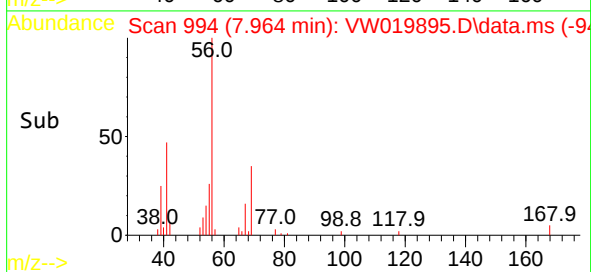
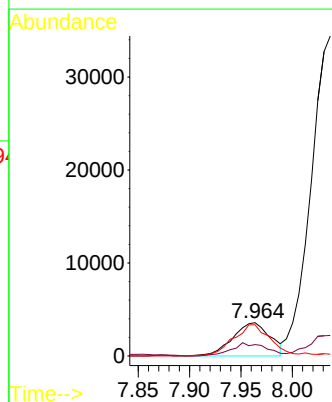
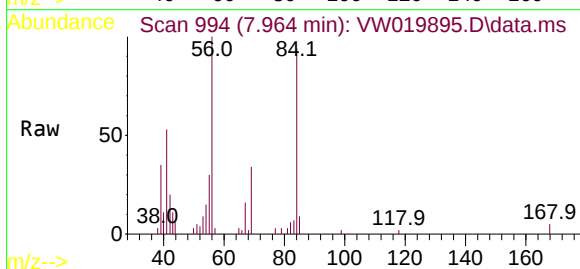
Instrument :
MSVOA_W
ClientSampled :

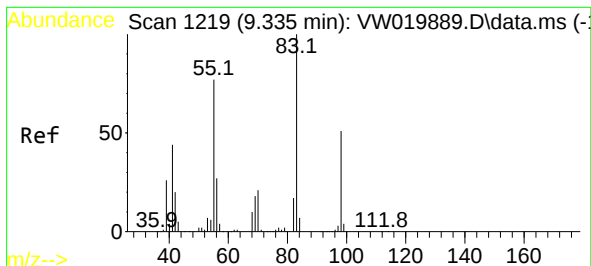
Tgt Ion: 62 Resp: 3008
Ion Ratio Lower Upper
62 100
98 7.0 6.9 10.3



#29
Cyclohexane
Concen: 1.583 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.006 min
Lab File: VW019895.D
Acq: 25 Aug 2021 15:11

Tgt Ion: 56 Resp: 9098
Ion Ratio Lower Upper
56 100
69 19.8 24.5 36.7#
84 91.9 75.0 112.4

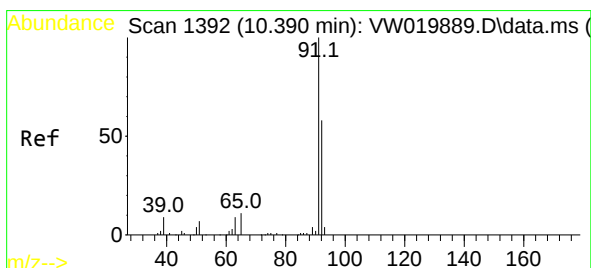
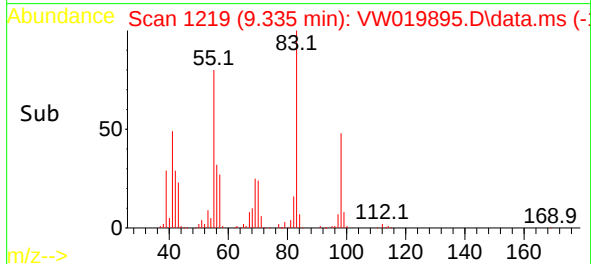
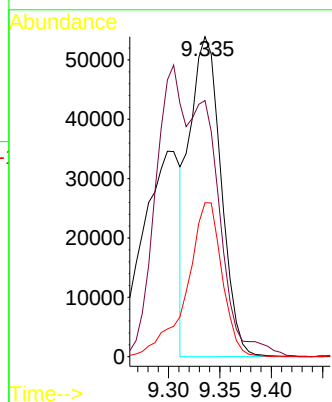
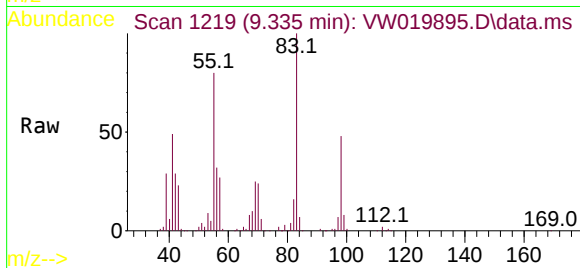




#35
Methylcyclohexane
Concen: 17.193 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019895.D
Acq: 25 Aug 2021 15:11

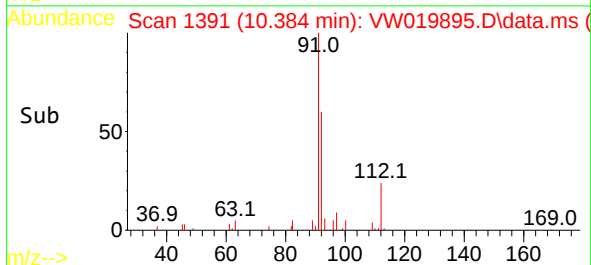
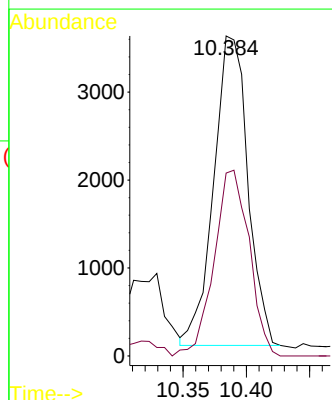
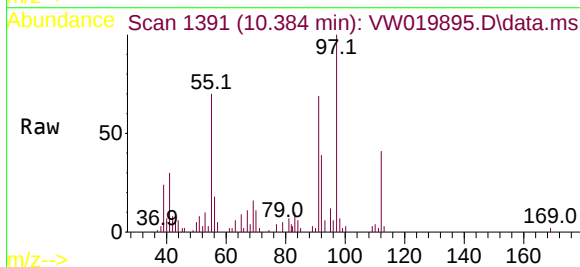
Instrument :
MSVOA_W
ClientSampled :

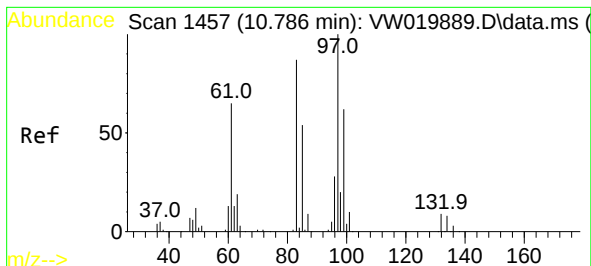
Tgt Ion: 83 Resp: 115174
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 54.0 40.1 60.1



#42
Toluene
Concen: 0.414 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW019895.D
Acq: 25 Aug 2021 15:11

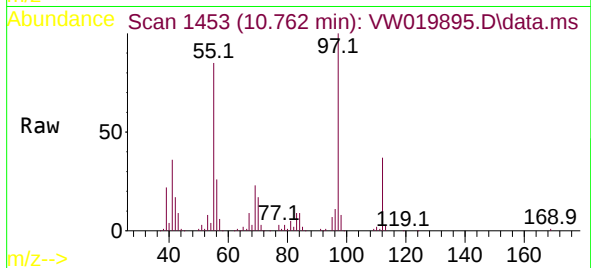
Tgt Ion: 91 Resp: 6594
Ion Ratio Lower Upper
91 100
92 57.1 39.5 73.3



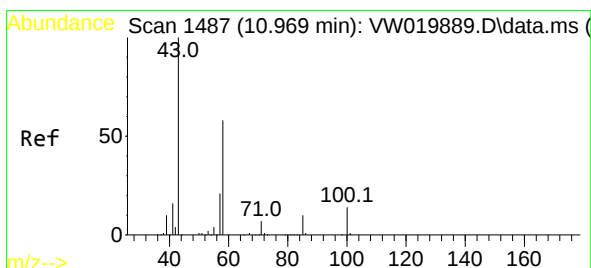
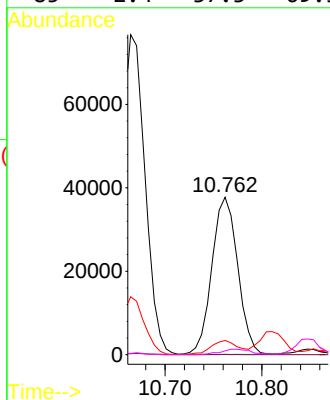
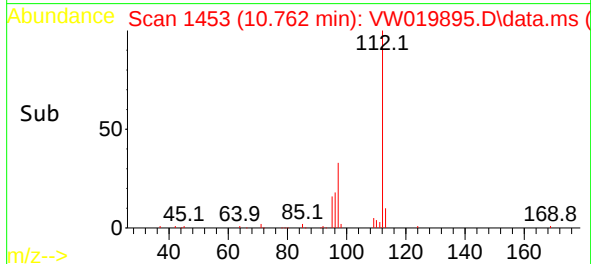


#45
1,1,2-Trichloroethane
Concen: 25.945 ug/L
RT: 10.762 min Scan# 1453
Delta R.T. -0.024 min
Lab File: VW019895.D
Acq: 25 Aug 2021 15:11

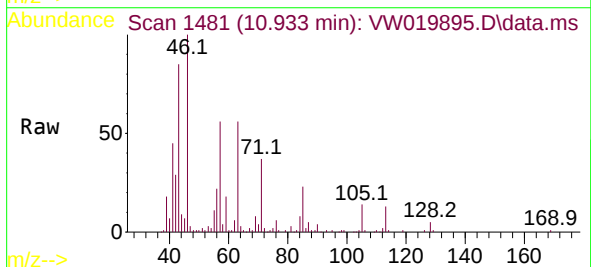
Instrument :
MSVOA_W
ClientSampled :



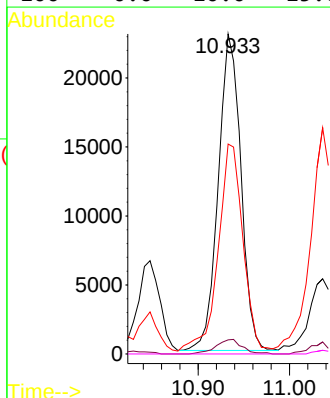
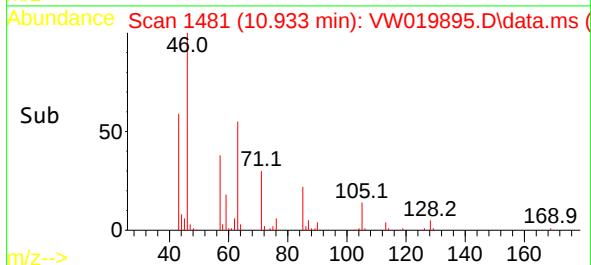
Tgt Ion: 97 Resp: 69890
Ion Ratio Lower Upper
97 100
99 0.2 45.1 83.7#
83 9.1 58.1 107.9#
85 2.4 37.3 69.3#

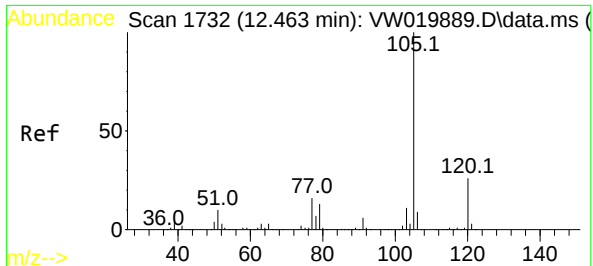


#48
2-Hexanone
Concen: 28.627 ug/L
RT: 10.933 min Scan# 1481
Delta R.T. -0.037 min
Lab File: VW019895.D
Acq: 25 Aug 2021 15:11



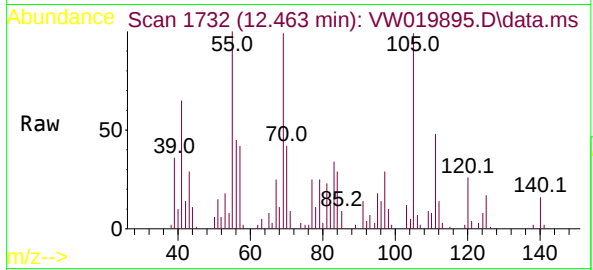
Tgt Ion: 43 Resp: 39428
Ion Ratio Lower Upper
43 100
58 5.3 42.7 64.1#
57 71.1 15.8 23.8#
100 0.0 10.0 15.0#





#60
Isopropylbenzene
Concen: 0.859 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019895.D
Acq: 25 Aug 2021 15:11

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	105	Resp:	7085
Ion Ratio	Lower	Upper	
105	100		
120	27.1	21.1	31.7
77	20.4	13.2	19.8#

