

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
 Data File : VW019900.D
 Acq On : 25 Aug 2021 17:36
 Operator : SY/VA
 Sample : M3526-13
 Misc : 5.70g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 26 01:11:45 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)

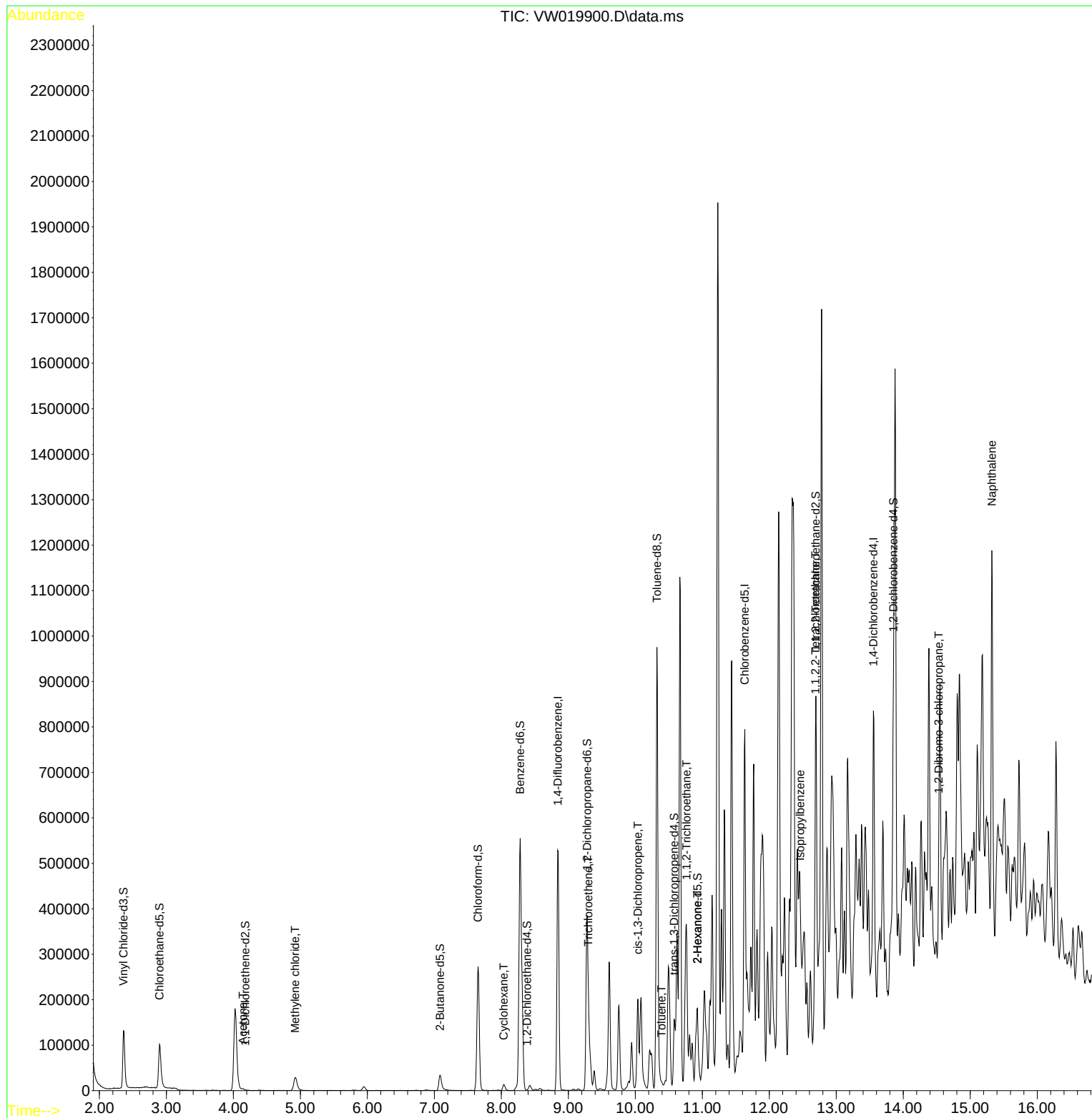
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	446480	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	384704	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	162900	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	162762	23.528	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.120%
7) Chloroethane-d5	2.898	69	136012	22.400	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	4.178	63	203	0.017	ug/L	0.15
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.080%#
21) 2-Butanone-d5	7.086	46	57114	40.646	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.300%
24) Chloroform-d	7.653	84	272292	22.176	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.720%
26) 1,2-Dichloroethane-d4	8.384	65	139	0.021	ug/L	0.07
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.281	84	562322	25.636	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.560%
36) 1,2-Dichloropropane-d6	9.281	67	170016	25.595	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.400%
41) Toluene-d8	10.323	98	494339	24.592	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.360%
43) trans-1,3-Dichloroprop...	10.579	79	67816	24.713	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.840%
47) 2-Hexanone-d5	10.927	63	44886	48.506	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.020%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	114229	21.129	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	129400	23.157	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.640%
Target Compounds					Qvalue	
13) Acetone	4.141	43	6409	5.343	ug/L	93
16) Methylene chloride	4.922	84	24965	3.258	ug/L	96
29) Cyclohexane	8.037	56	6861	0.759	ug/L #	16
34) Trichloroethene	9.299	95	4003	0.652	ug/L #	1
39) cis-1,3-Dichloropropene	10.037	75	5248	0.609	ug/L #	63
42) Toluene	10.390	91	7640	0.305	ug/L	97
45) 1,1,2-Trichloroethane	10.762	97	124358	29.375	ug/L #	21
48) 2-Hexanone	10.927	43	21077	9.737	ug/L #	8
57) 1,1,2,2-Tetrachloroethane	12.689	83	27604	5.317	ug/L #	51
60) Isopropylbenzene	12.463	105	33824	1.532	ug/L #	93
68) 1,2-Dibromo-3-chloropr...	14.530	75	1139	1.636	ug/L #	42
71) Naphthalene	15.322	128	9181	0.884	ug/L #	1

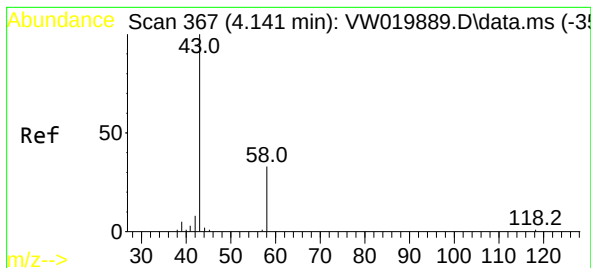
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.343 ug/L

RT: 4.141 min Scan# 367

Delta R.T. 0.000 min

Lab File: VW019900.D

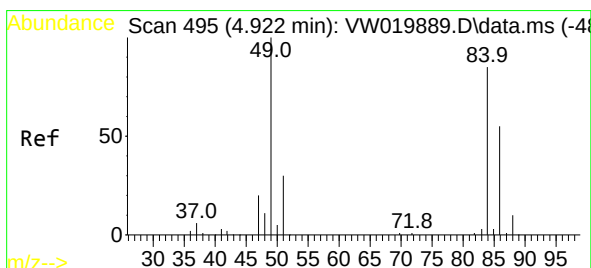
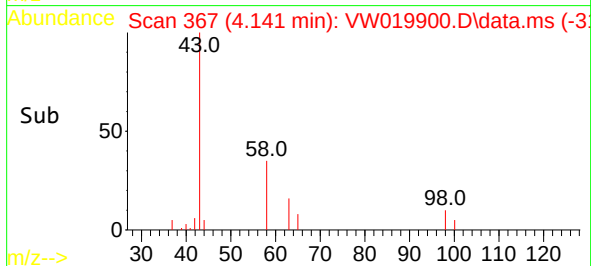
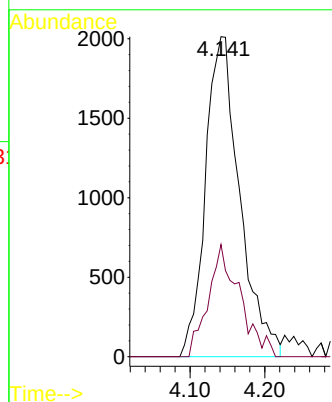
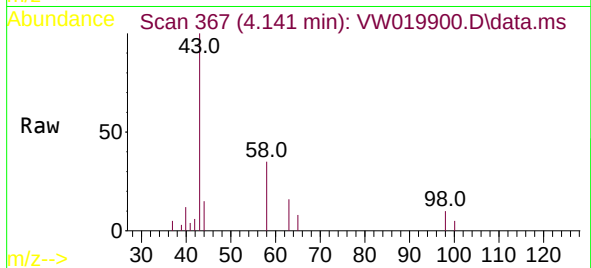
Acq: 25 Aug 2021 17:36

Tgt Ion: 43 Resp: 6409

Ion Ratio Lower Upper

43 100

58 23.4 0.0 53.8



#16

Methylene chloride

Concen: 3.258 ug/L

RT: 4.922 min Scan# 495

Delta R.T. 0.000 min

Lab File: VW019900.D

Acq: 25 Aug 2021 17:36

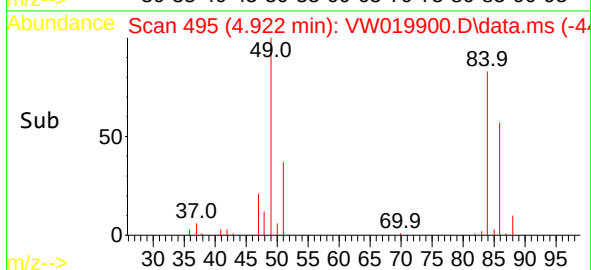
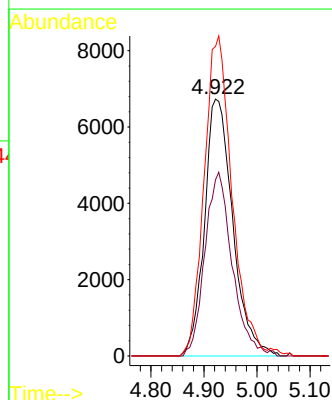
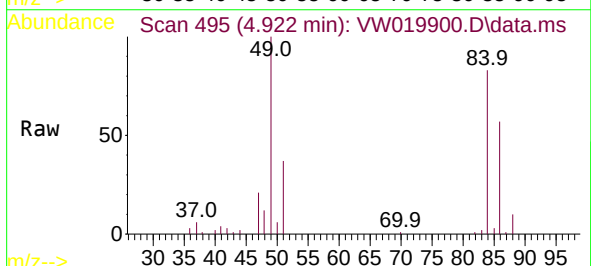
Tgt Ion: 84 Resp: 24965

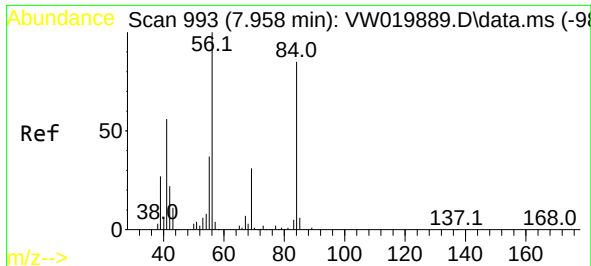
Ion Ratio Lower Upper

84 100

86 68.7 45.3 84.1

49 120.6 86.6 160.8

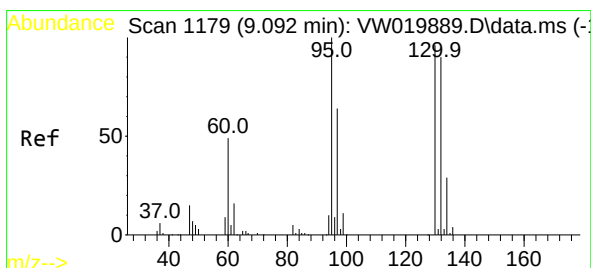
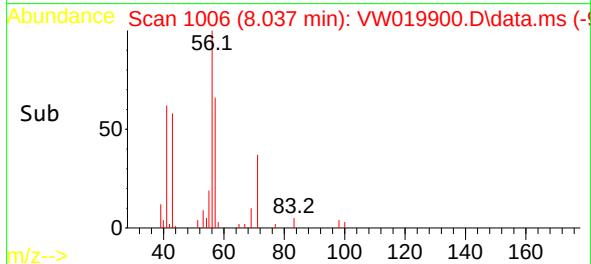
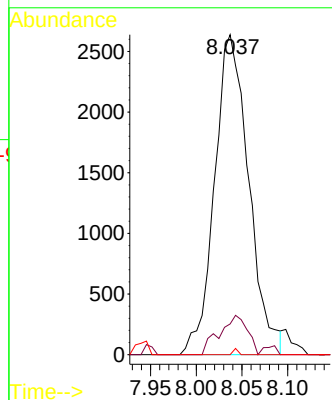
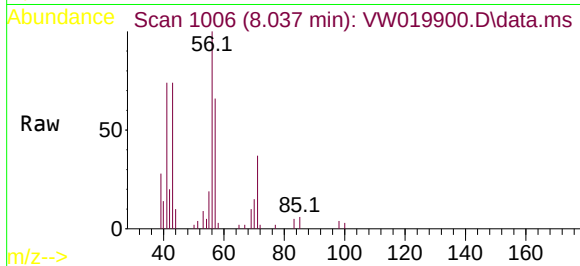




#29
Cyclohexane
Concen: 0.759 ug/L
RT: 8.037 min Scan# 1006
Delta R.T. 0.079 min
Lab File: VW019900.D
Acq: 25 Aug 2021 17:36

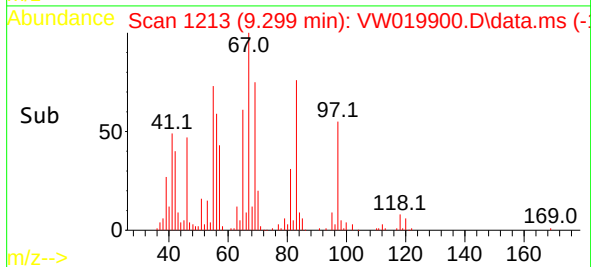
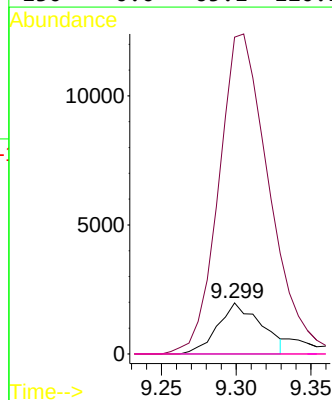
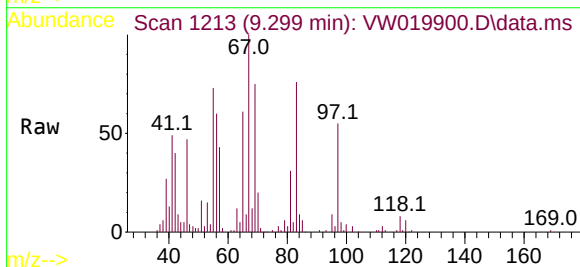
Instrument :
MSVOA_W
ClientSampled :

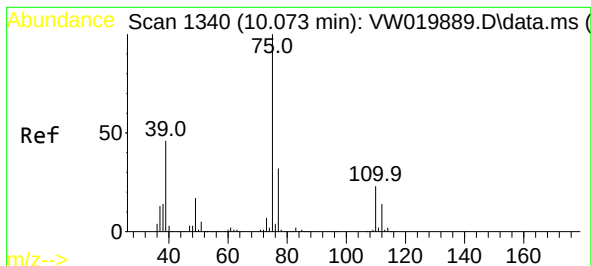
Tgt Ion: 56 Resp: 6861
Ion Ratio Lower Upper
56 100
69 7.7 24.5 36.7#
84 0.0 75.0 112.4#



#34
Trichloroethene
Concen: 0.652 ug/L
RT: 9.299 min Scan# 1213
Delta R.T. 0.207 min
Lab File: VW019900.D
Acq: 25 Aug 2021 17:36

Tgt Ion: 95 Resp: 4003
Ion Ratio Lower Upper
95 100
97 620.5 47.3 87.8#
132 0.0 71.0 131.8#
130 0.0 65.1 120.9#

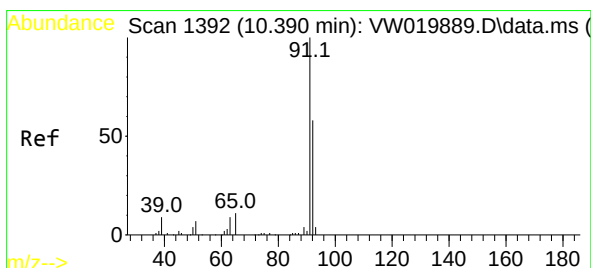
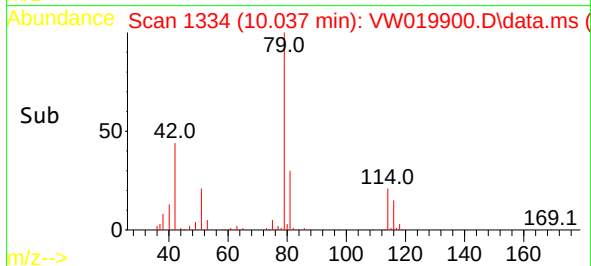
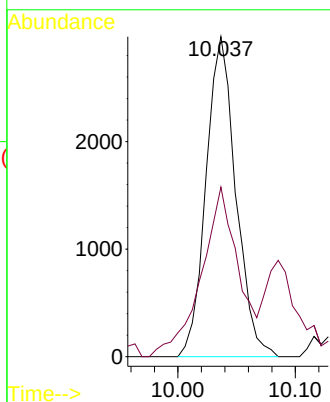
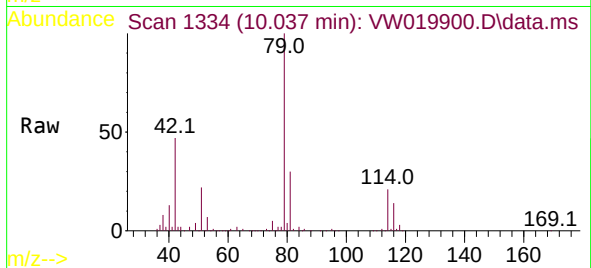




#39
cis-1,3-Dichloropropene
Concen: 0.609 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW019900.D
Acq: 25 Aug 2021 17:36

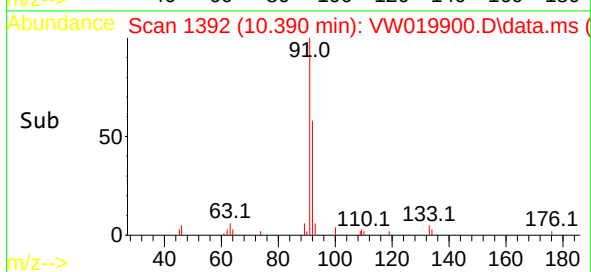
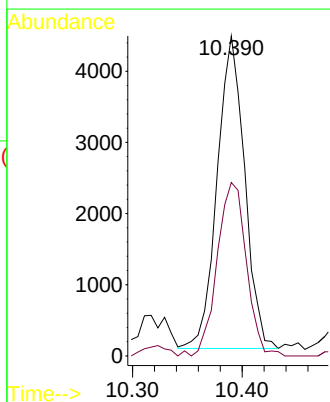
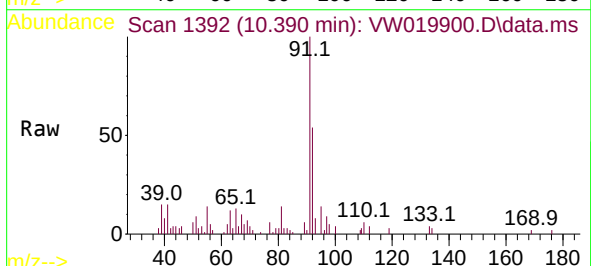
Instrument :
MSVOA_W
ClientSampled :

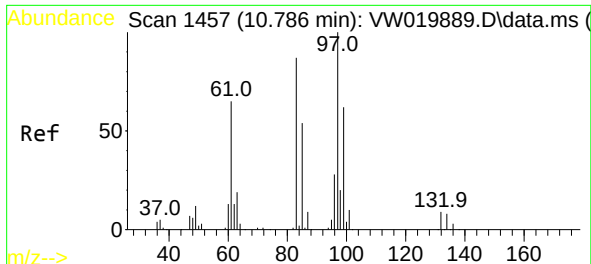
Tgt Ion: 75 Resp: 5248
Ion Ratio Lower Upper
75 100
77 53.0 22.6 42.0#



#42
Toluene
Concen: 0.305 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019900.D
Acq: 25 Aug 2021 17:36

Tgt Ion: 91 Resp: 7640
Ion Ratio Lower Upper
91 100
92 54.2 39.5 73.3



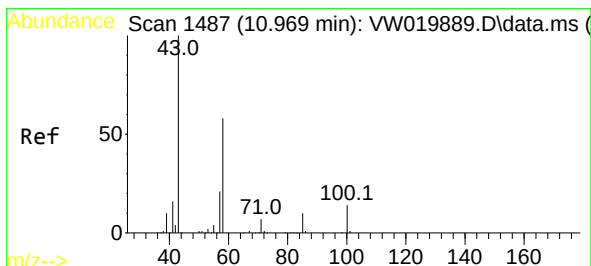
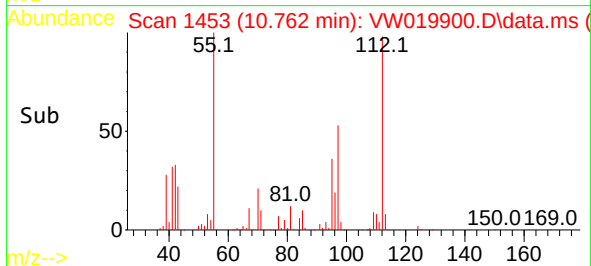
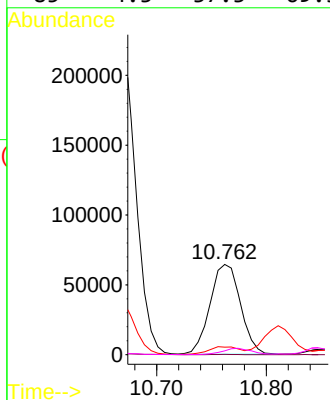
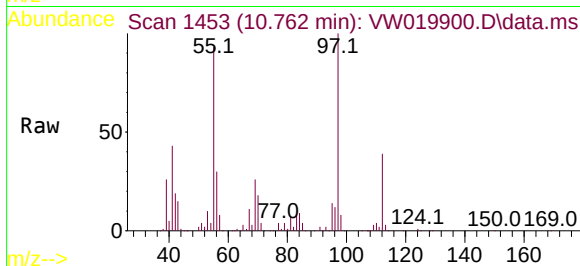


#45
1,1,2-Trichloroethane
Concen: 29.375 ug/L
RT: 10.762 min Scan# 1453
Delta R.T. -0.024 min
Lab File: VW019900.D
Acq: 25 Aug 2021 17:36

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 124358

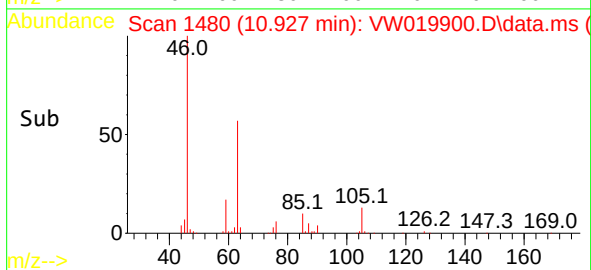
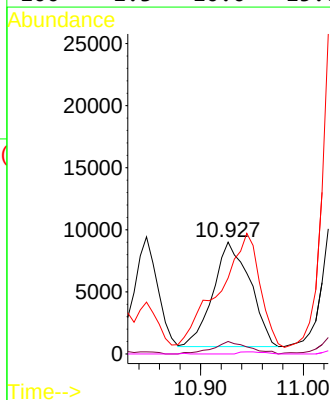
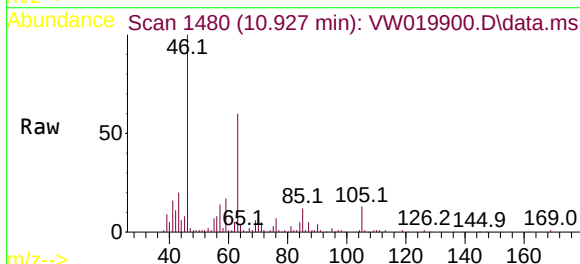
Ion	Ratio	Lower	Upper
97	100		
99	0.3	45.1	83.7#
83	8.4	58.1	107.9#
85	4.3	37.3	69.3#

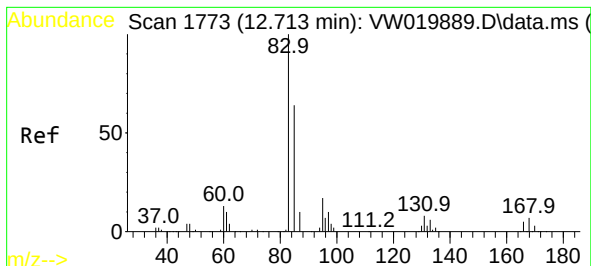


#48
2-Hexanone
Concen: 9.737 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW019900.D
Acq: 25 Aug 2021 17:36

Tgt Ion: 43 Resp: 21077

Ion	Ratio	Lower	Upper
43	100		
58	11.1	42.7	64.1#
57	120.6	15.8	23.8#
100	1.3	10.0	15.0#

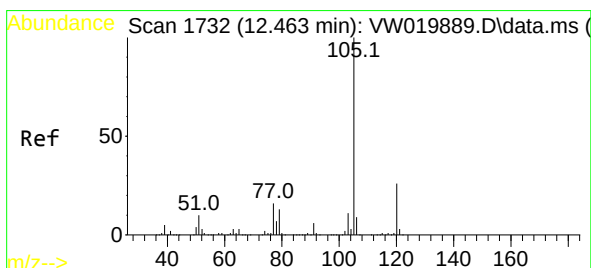
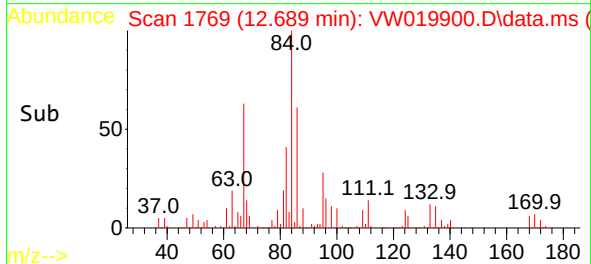
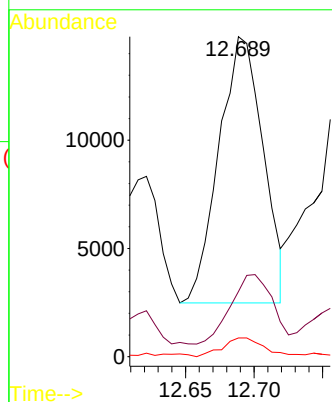
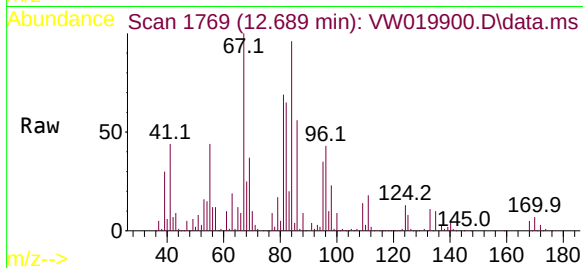




#57
1,1,2,2-Tetrachloroethane
Concen: 5.317 ug/L
RT: 12.689 min Scan# 1769
Delta R.T. -0.024 min
Lab File: VW019900.D
Acq: 25 Aug 2021 17:36

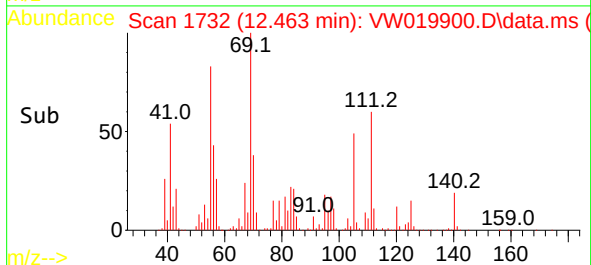
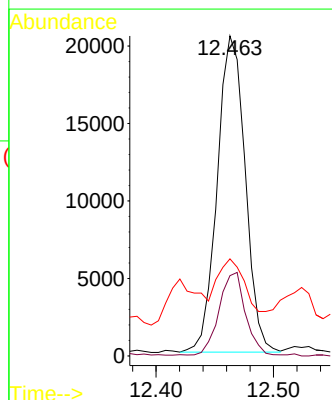
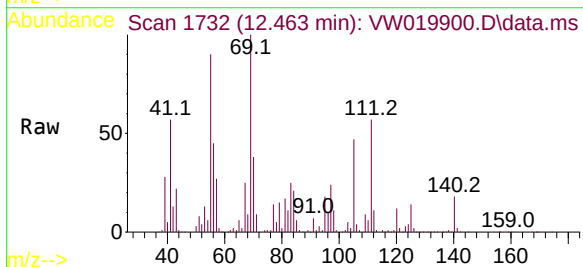
Instrument :
MSVOA_W
ClientSampled :

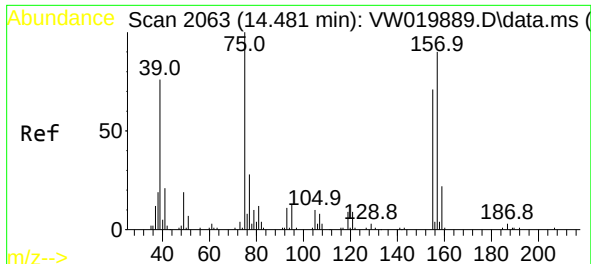
Tgt Ion: 83 Resp: 27604
Ion Ratio Lower Upper
83 100
85 20.3 44.4 82.4#
131 5.8 8.2 12.4#



#60
Isopropylbenzene
Concen: 1.532 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019900.D
Acq: 25 Aug 2021 17:36

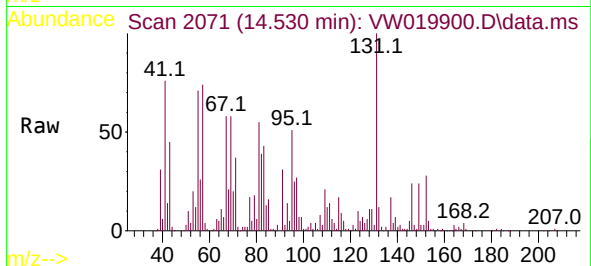
Tgt Ion:105 Resp: 33824
Ion Ratio Lower Upper
105 100
120 25.3 21.1 31.7
77 23.3 13.2 19.8#



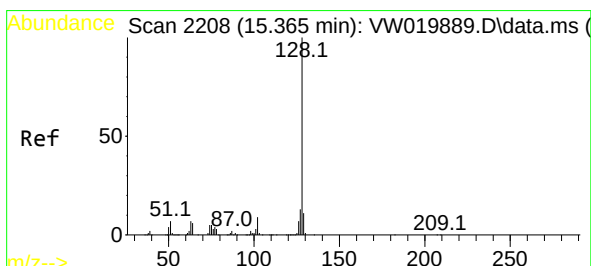
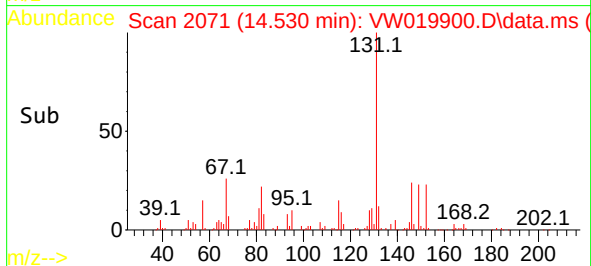
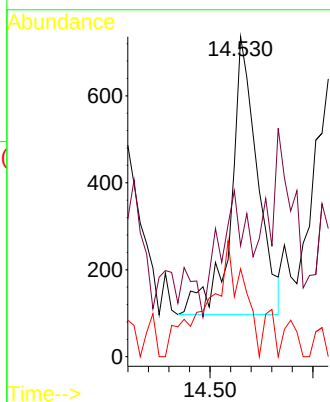


#68
1,2-Dibromo-3-chloropropane
Concen: 1.636 ug/L
RT: 14.530 min Scan# 2071
Delta R.T. 0.049 min
Lab File: VW019900.D
Acq: 25 Aug 2021 17:36

Instrument :
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ClientSampleId :



Tgt Ion: 75 Resp: 1139
Ion Ratio Lower Upper
75 100
155 34.6 59.4 89.0#
157 27.4 72.2 108.2#



#71
Naphthalene
Concen: 0.884 ug/L
RT: 15.322 min Scan# 2201
Delta R.T. -0.043 min
Lab File: VW019900.D
Acq: 25 Aug 2021 17:36

Tgt Ion: 128 Resp: 9181
Ion Ratio Lower Upper
128 100
127 96.2 10.6 15.8#
129 83.4 9.0 13.6#

