

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
 Data File : VW019884.D
 Acq On : 24 Aug 2021 18:53
 Operator : SY/VA
 Sample : M3526-09
 Misc : 6.16g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7D1

Quant Time: Aug 25 01:03:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 25 00:57:31 2021
 Response via : Initial Calibration

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

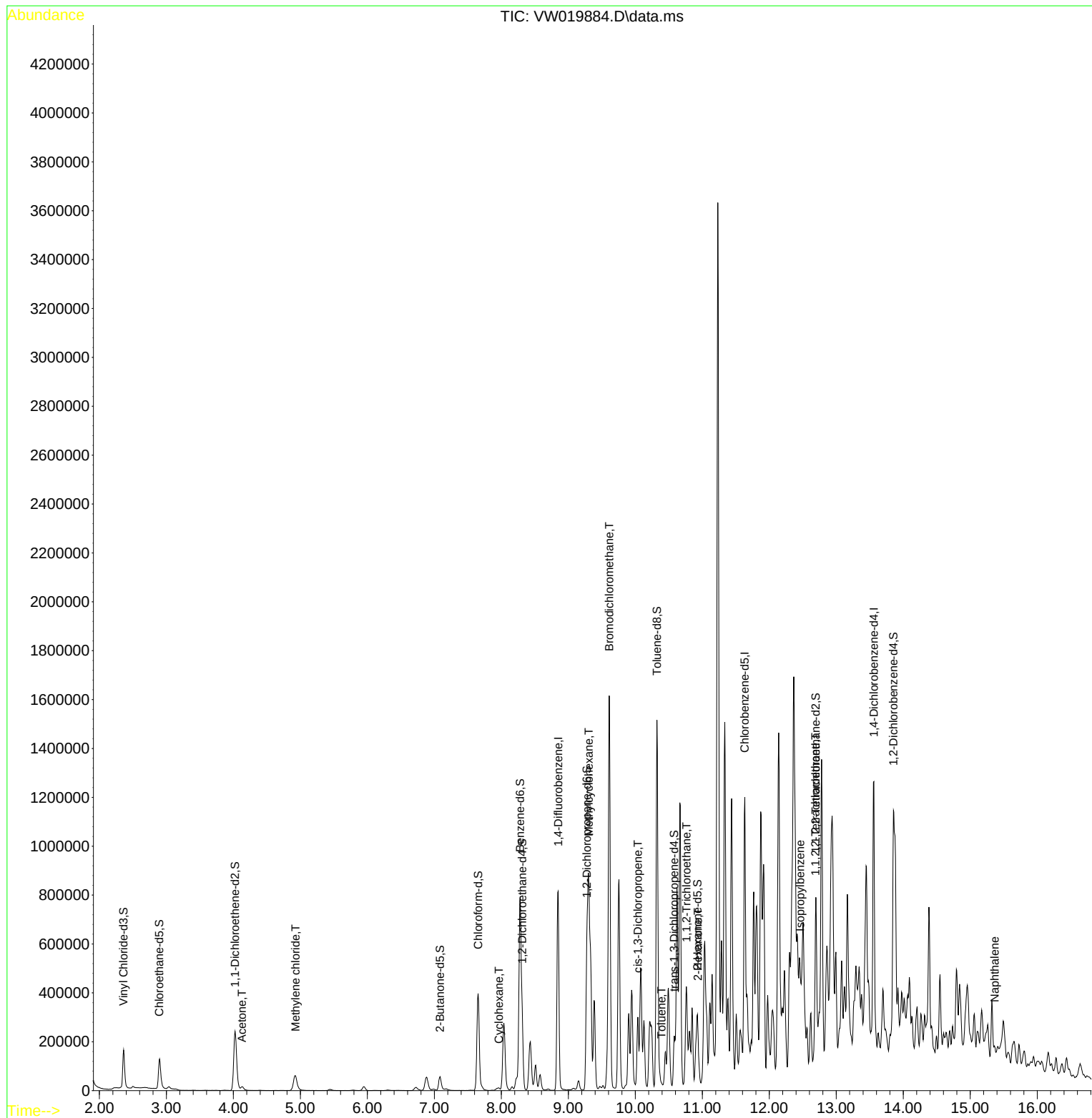
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	691097	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	596393	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	283657	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	192848	18.010	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.040%
7) Chloroethane-d5	2.891	69	168861	17.967	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.880%
11) 1,1-Dichloroethene-d2	4.025	63	272242	14.652	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.600%
21) 2-Butanone-d5	7.086	46	93350	42.920	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.840%
24) Chloroform-d	7.653	84	404190	21.266	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.080%
26) 1,2-Dichloroethane-d4	8.311	65	221216	21.598	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	8.281	84	820245	24.121	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.480%
36) 1,2-Dichloropropane-d6	9.274	67	270744	26.292	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.160%
41) Toluene-d8	10.323	98	729874	23.422	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.680%
43) trans-1,3-Dichloroprop...	10.579	79	104005	24.448	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.800%
47) 2-Hexanone-d5	10.927	63	68520	47.764	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.520%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	171066	20.411	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	221565	22.771	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.080%
Target Compounds	Qvalue					
13) Acetone	4.129	43	25322	13.638	ug/L	96
16) Methylene chloride	4.928	84	47016	3.964	ug/L	96
29) Cyclohexane	7.964	56	5785	0.413	ug/L	96
35) Methylcyclohexane	9.305	83	293744	17.997	ug/L #	58
38) Bromodichloromethane	9.610	83	44804	3.815	ug/L #	48
39) cis-1,3-Dichloropropene	10.037	75	7920	0.593	ug/L #	73
42) Toluene	10.390	91	12348	0.318	ug/L	97
45) 1,1,2-Trichloroethane	10.762	97	136707	20.830	ug/L #	23
48) 2-Hexanone	10.933	43	47358	14.113	ug/L #	6
57) 1,1,2,2-Tetrachloroethane	12.688	83	19060	2.368	ug/L #	65
60) Isopropylbenzene	12.463	105	13556	0.353	ug/L #	83
71) Naphthalene	15.365	128	56942	3.147	ug/L #	92

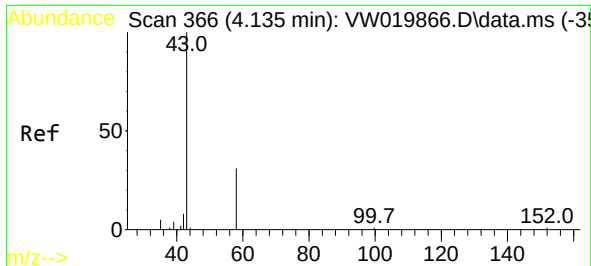
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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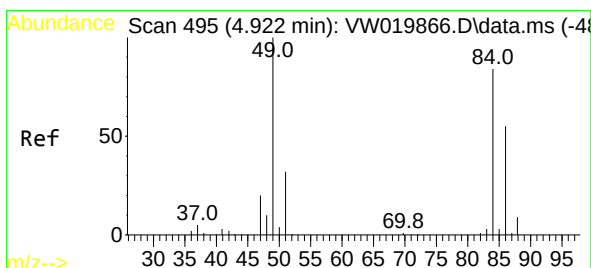
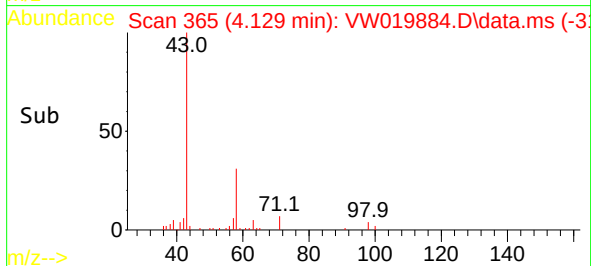
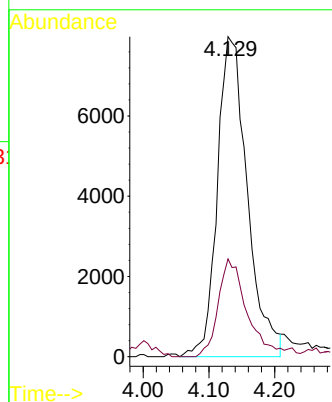
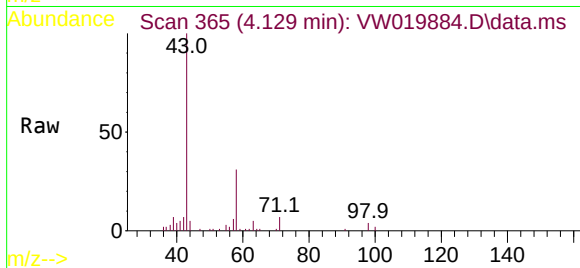




#13
Acetone
Concen: 13.638 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.006 min
Lab File: VW019884.D
Acq: 24 Aug 2021 18:53

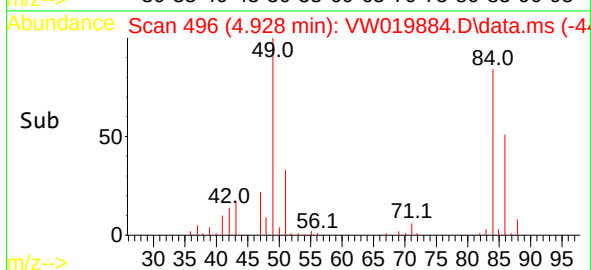
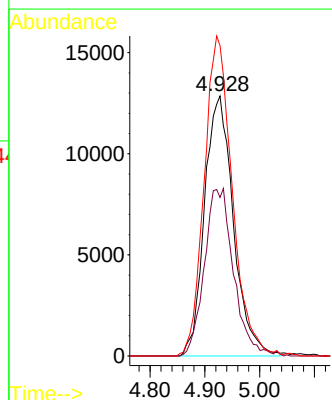
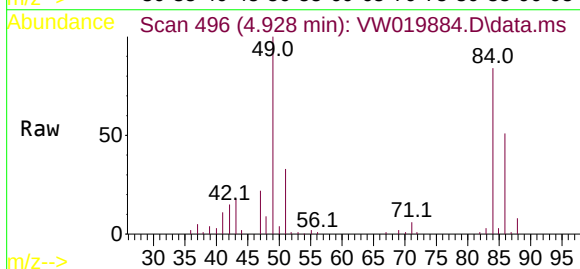
Instrument :
MSVOA_W
ClientSampled :
EW7D1

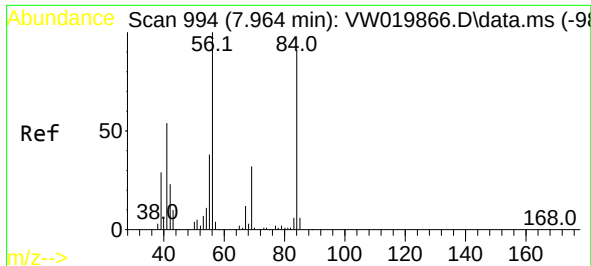
Tgt Ion: 43 Resp: 25322
Ion Ratio Lower Upper
43 100
58 29.1 0.0 53.8



#16
Methylene chloride
Concen: 3.964 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019884.D
Acq: 24 Aug 2021 18:53

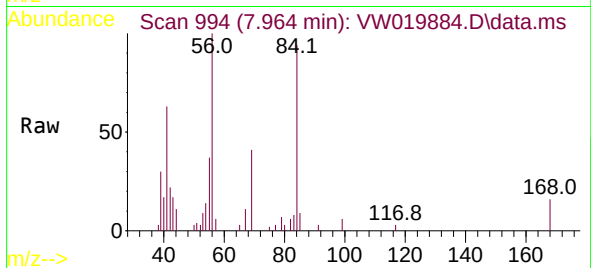
Tgt Ion: 84 Resp: 47016
Ion Ratio Lower Upper
84 100
86 61.0 45.3 84.1
49 119.4 86.6 160.8



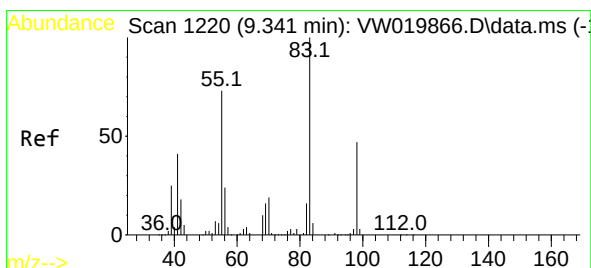
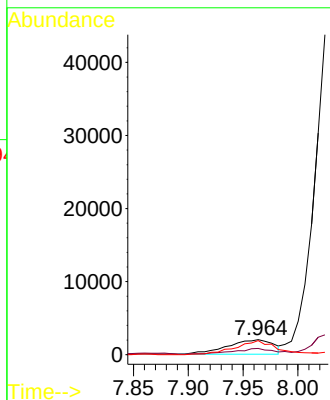
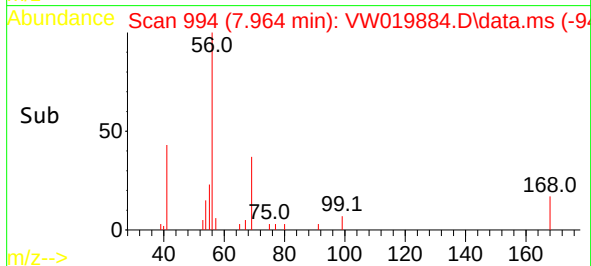


#29
Cyclohexane
Concen: 0.413 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.000 min
Lab File: VW019884.D
Acq: 24 Aug 2021 18:53

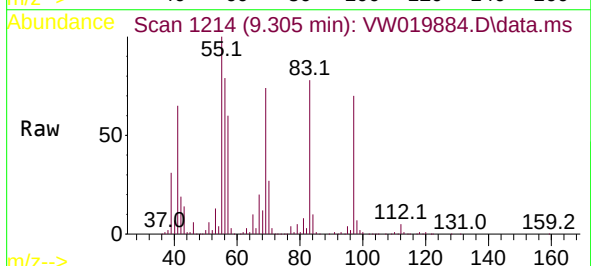
Instrument :
MSVOA_W
ClientSampled :
EW7D1



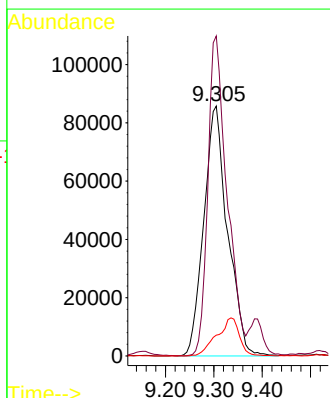
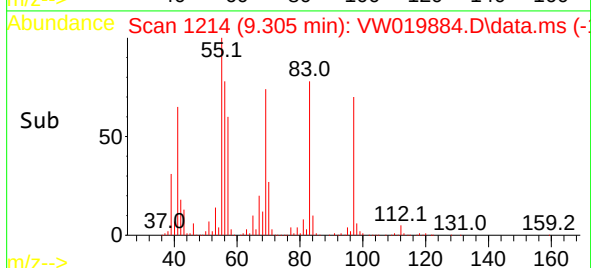
Tgt Ion: 56 Resp: 5785
Ion Ratio Lower Upper
56 100
69 30.5 24.5 36.7
84 89.0 75.0 112.4

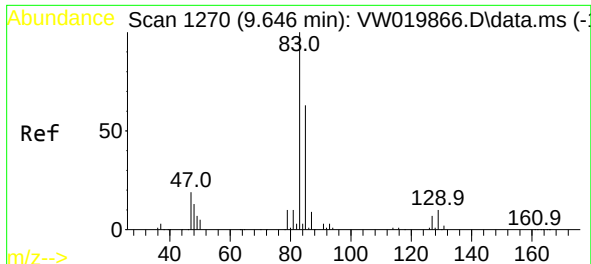


#35
Methylcyclohexane
Concen: 17.997 ug/L
RT: 9.305 min Scan# 1214
Delta R.T. -0.037 min
Lab File: VW019884.D
Acq: 24 Aug 2021 18:53



Tgt Ion: 83 Resp: 293744
Ion Ratio Lower Upper
83 100
55 103.5 58.9 88.3#
98 14.4 40.1 60.1#

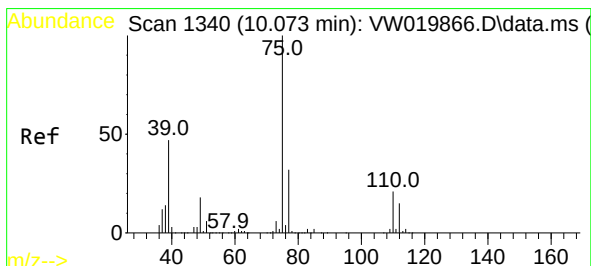
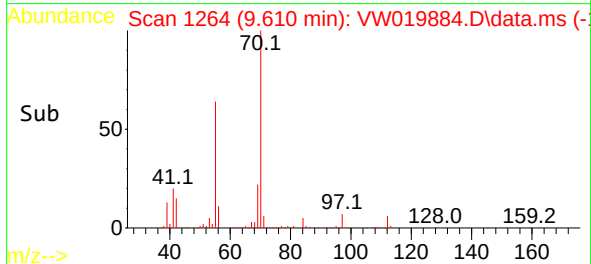
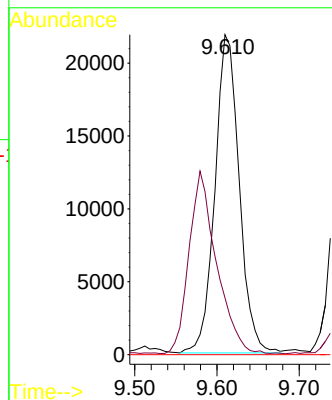
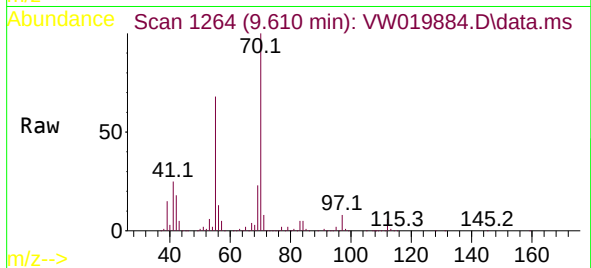




#38
Bromodichloromethane
Concen: 3.815 ug/L
RT: 9.610 min Scan# 1264
Delta R.T. -0.037 min
Lab File: VW019884.D
Acq: 24 Aug 2021 18:53

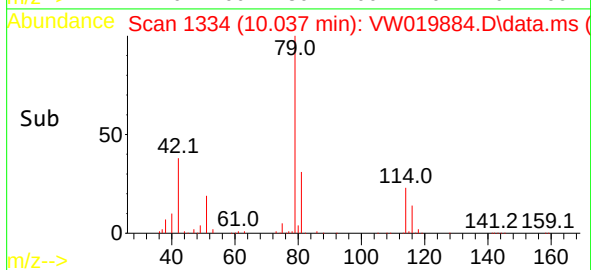
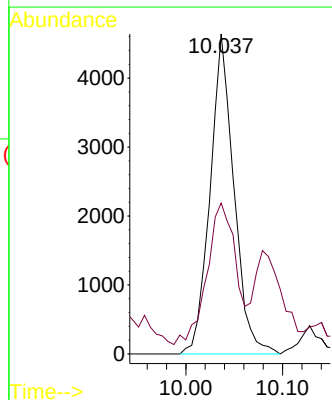
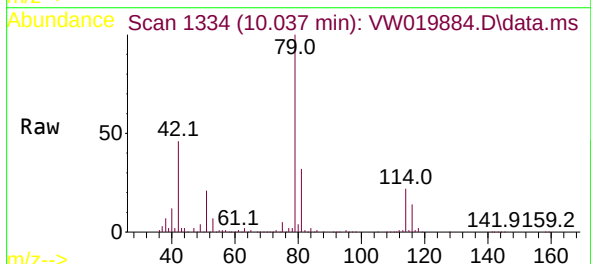
Instrument :
MSVOA_W
ClientSampleId :
EW7D1

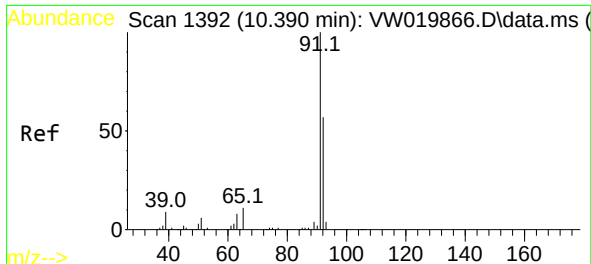
Tgt Ion: 83 Resp: 44804
Ion Ratio Lower Upper
83 100
85 17.7 42.3 78.5#
127 0.0 6.6 9.8#



#39
cis-1,3-Dichloropropene
Concen: 0.593 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW019884.D
Acq: 24 Aug 2021 18:53

Tgt Ion: 75 Resp: 7920
Ion Ratio Lower Upper
75 100
77 47.2 22.6 42.0#

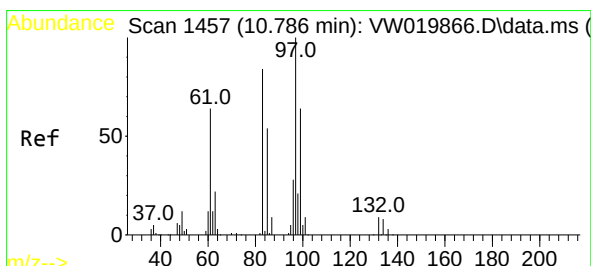
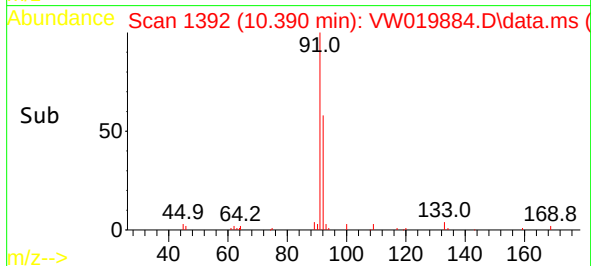
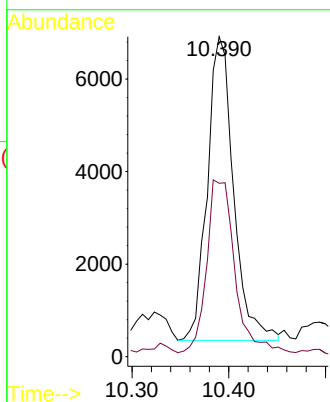
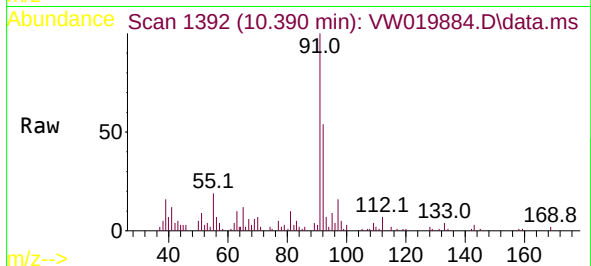




#42
Toluene
Concen: 0.318 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019884.D
Acq: 24 Aug 2021 18:53

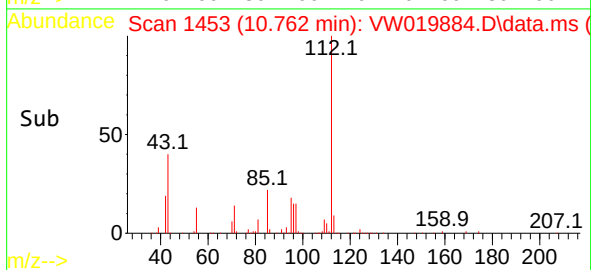
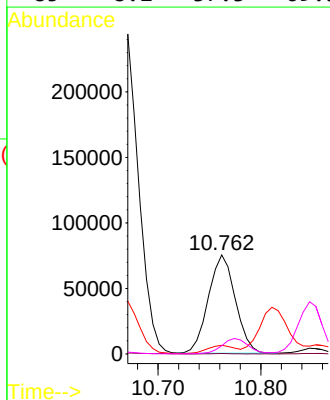
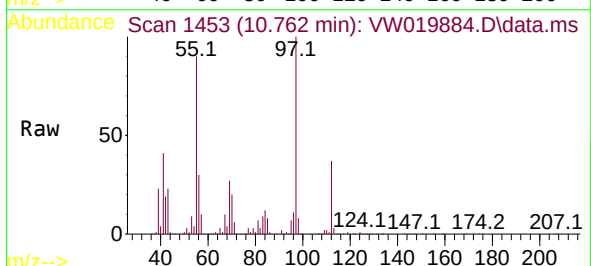
Instrument :
MSVOA_W
ClientSampled :
EW7D1

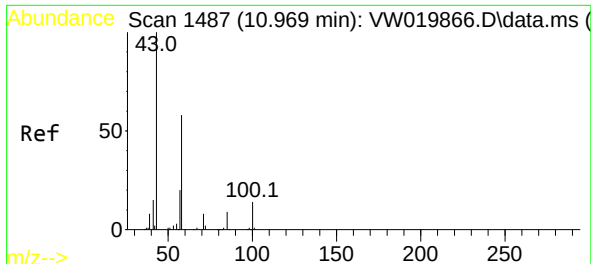
Tgt Ion: 91 Resp: 12348
Ion Ratio Lower Upper
91 100
92 54.2 39.5 73.3



#45
1,1,2-Trichloroethane
Concen: 20.830 ug/L
RT: 10.762 min Scan# 1453
Delta R.T. -0.024 min
Lab File: VW019884.D
Acq: 24 Aug 2021 18:53

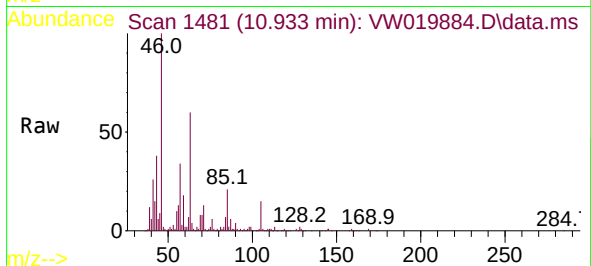
Tgt Ion: 97 Resp: 136707
Ion Ratio Lower Upper
97 100
99 0.5 45.1 83.7#
83 8.7 58.1 107.9#
85 8.2 37.3 69.3#



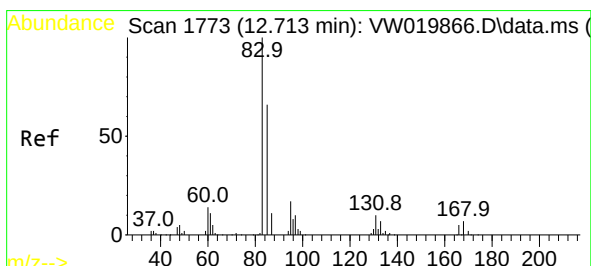
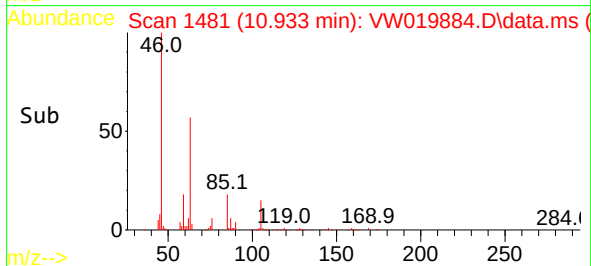
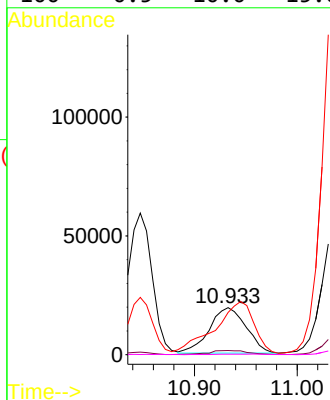


#48
2-Hexanone
Concen: 14.113 ug/L
RT: 10.933 min Scan# 1481
Delta R.T. -0.037 min
Lab File: VW019884.D
Acq: 24 Aug 2021 18:53

Instrument :
MSVOA_W
ClientSampleId :
EW7D1

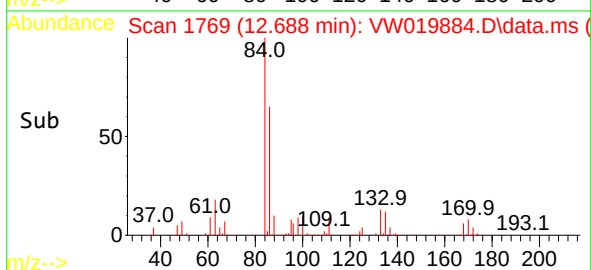
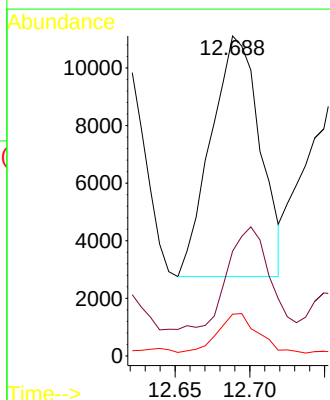
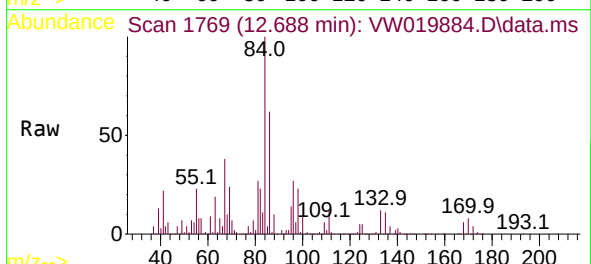


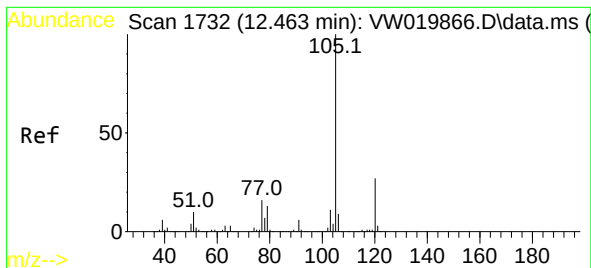
Tgt Ion: 43 Resp: 47358
Ion Ratio Lower Upper
43 100
58 9.1 42.7 64.1#
57 121.3 15.8 23.8#
100 0.5 10.0 15.0#



#57
1,1,2,2-Tetrachloroethane
Concen: 2.368 ug/L
RT: 12.688 min Scan# 1769
Delta R.T. -0.024 min
Lab File: VW019884.D
Acq: 24 Aug 2021 18:53

Tgt Ion: 83 Resp: 19060
Ion Ratio Lower Upper
83 100
85 32.7 44.4 82.4#
131 13.0 8.2 12.4#

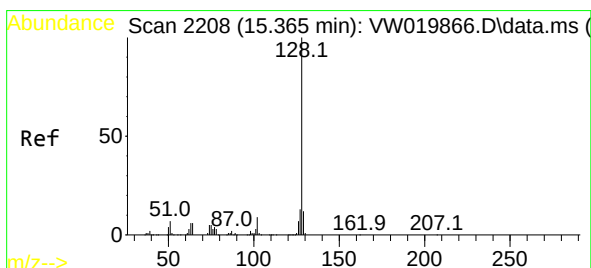
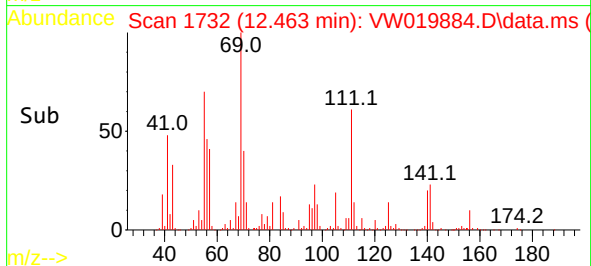
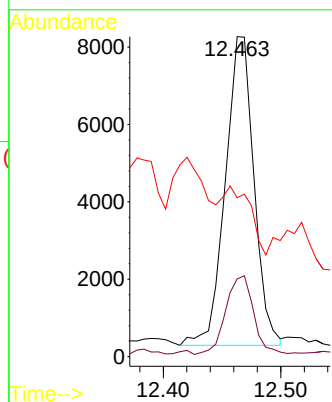
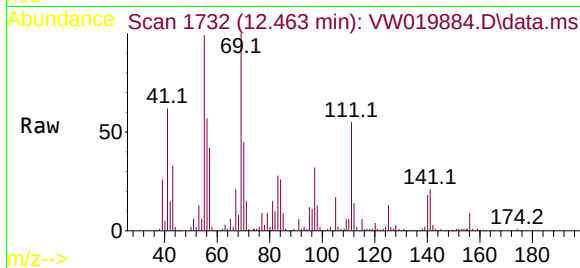




#60
Isopropylbenzene
Concen: 0.353 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
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Acq: 24 Aug 2021 18:53

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Tgt Ion:105 Resp: 13556
Ion Ratio Lower Upper
105 100
120 24.6 21.1 31.7
77 0.0 13.2 19.8#



#71
Naphthalene
Concen: 3.147 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW019884.D
Acq: 24 Aug 2021 18:53

Tgt Ion:128 Resp: 56942
Ion Ratio Lower Upper
128 100
127 11.1 10.6 15.8
129 7.4 9.0 13.6#

