

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
 Data File : VW019876.D
 Acq On : 24 Aug 2021 15:41
 Operator : SY/VA
 Sample : M3526-01
 Misc : 5.42g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7A9

Quant Time: Aug 25 01:00:57 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)

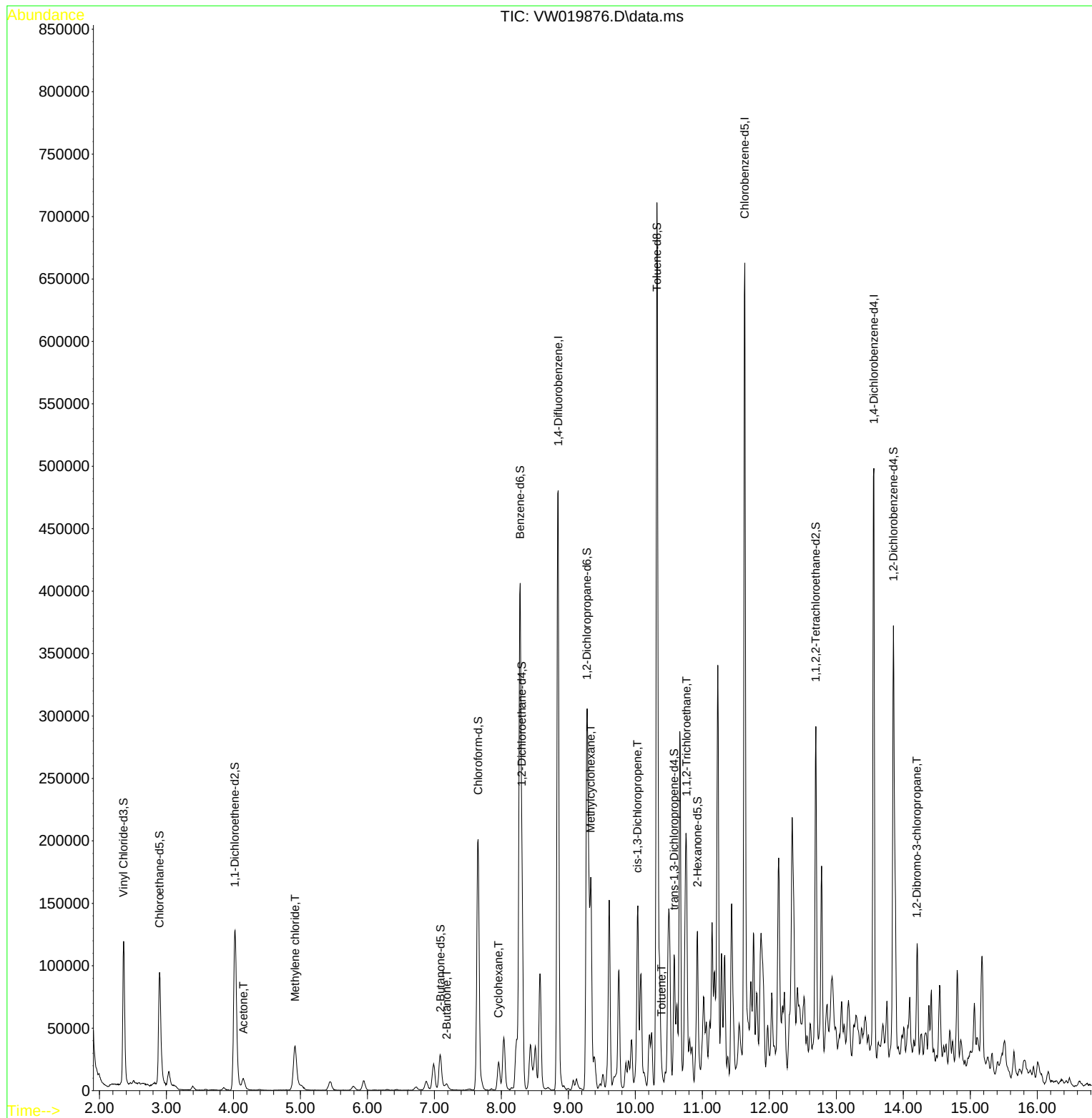
Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	391824	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	338976	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	120242	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	131150	21.603	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.400%
7) Chloroethane-d5	2.897	69	120945	22.697	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	4.019	63	141078	13.392	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.560%
21) 2-Butanone-d5	7.092	46	47953	38.887	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.780%
24) Chloroform-d	7.652	84	205977	19.115	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.440%
26) 1,2-Dichloroethane-d4	8.305	65	115012	19.806	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.240%
32) Benzene-d6	8.280	84	419027	21.680	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.720%
36) 1,2-Dichloropropane-d6	9.274	67	131862	22.529	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.120%
41) Toluene-d8	10.323	98	368522	20.806	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.240%
43) trans-1,3-Dichloroprop...	10.579	79	50136	20.735	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.920%
47) 2-Hexanone-d5	10.926	63	36335	44.563	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.120%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	96389	20.234	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	83115	20.151	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.600%
Target Compounds					Qvalue	
13) Acetone	4.147	43	18153	17.244	ug/L	94
16) Methylene chloride	4.921	84	25249	3.755	ug/L	97
22) 2-Butanone	7.183	43	6680	4.897	ug/L	77
29) Cyclohexane	7.957	56	10189	1.280	ug/L	99
35) Methylcyclohexane	9.335	83	57605	6.210	ug/L	93
39) cis-1,3-Dichloropropene	10.030	75	3930	0.518	ug/L #	45
42) Toluene	10.390	91	7468	0.339	ug/L	94
45) 1,1,2-Trichloroethane	10.762	97	61182	16.402	ug/L #	21
68) 1,2-Dibromo-3-chloropr...	14.200	75	1304	2.537	ug/L #	8

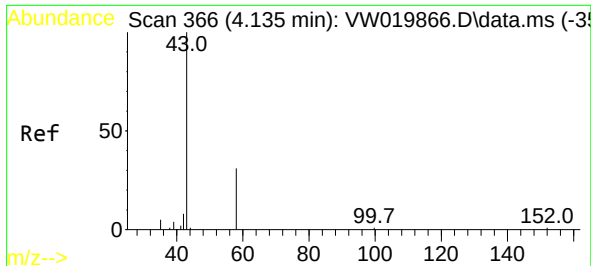
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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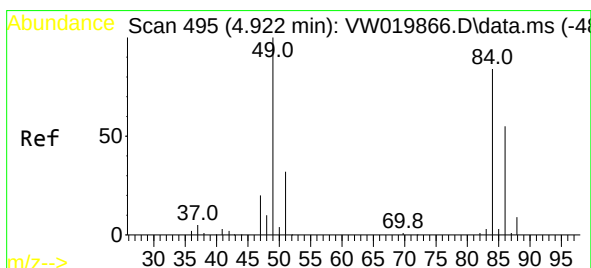
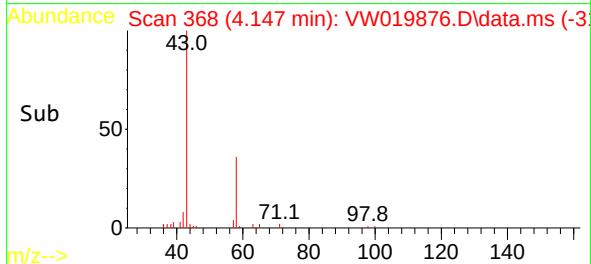
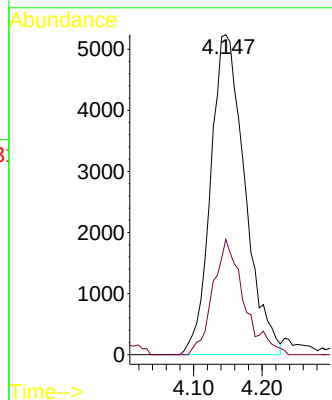
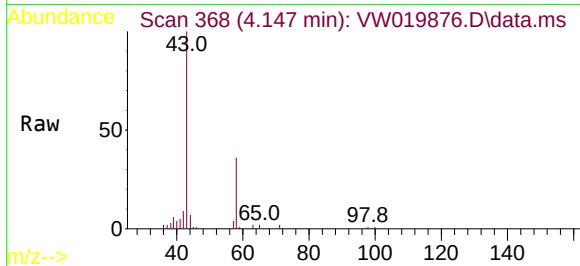




#13
Acetone
Concen: 17.244 ug/L
RT: 4.147 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW019876.D
Acq: 24 Aug 2021 15:41

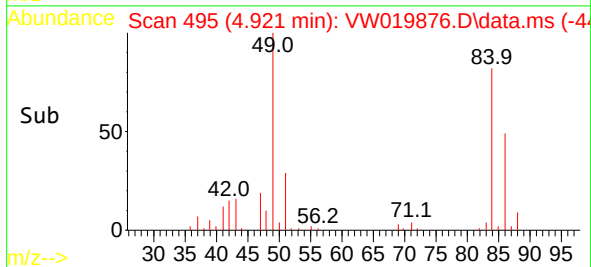
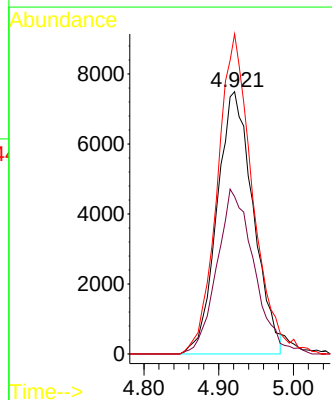
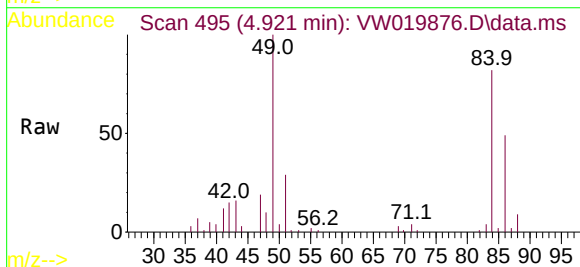
Instrument :
MSVOA_W
ClientSampled :
EW7A9

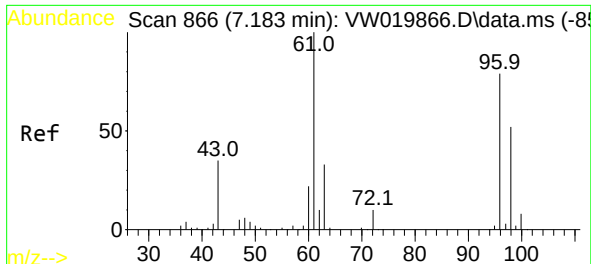
Tgt Ion: 43 Resp: 18153
Ion Ratio Lower Upper
43 100
58 29.8 0.0 53.8



#16
Methylene chloride
Concen: 3.755 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019876.D
Acq: 24 Aug 2021 15:41

Tgt Ion: 84 Resp: 25249
Ion Ratio Lower Upper
84 100
86 59.9 45.3 84.1
49 122.0 86.6 160.8

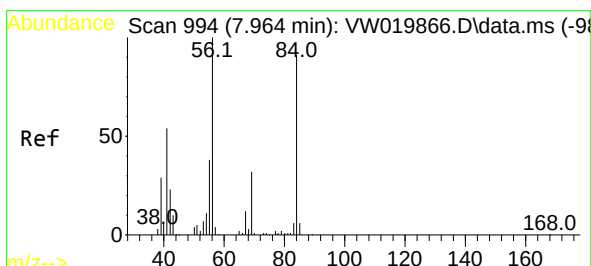
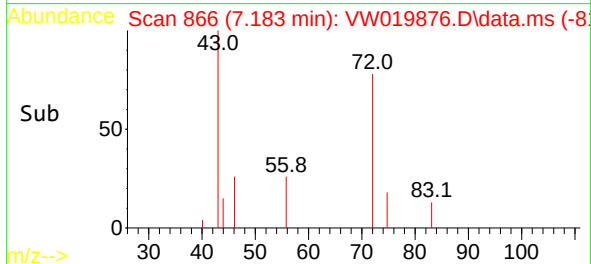
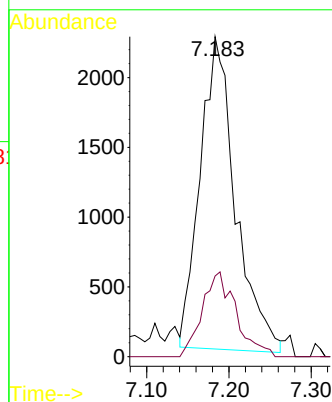
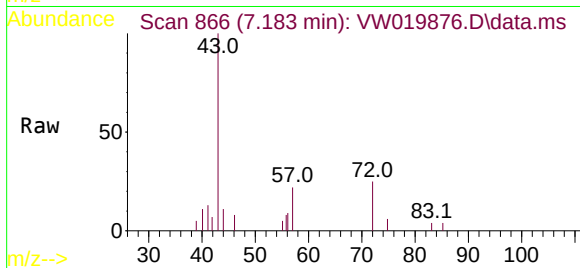




#22
2-Butanone
Concen: 4.897 ug/L
RT: 7.183 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW019876.D
Acq: 24 Aug 2021 15:41

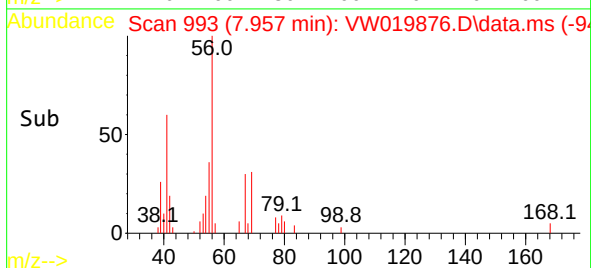
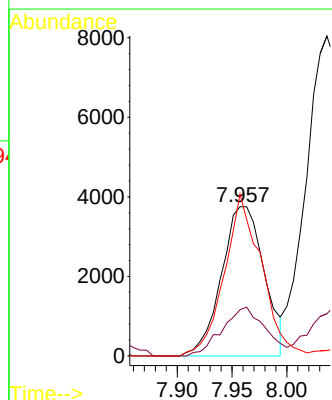
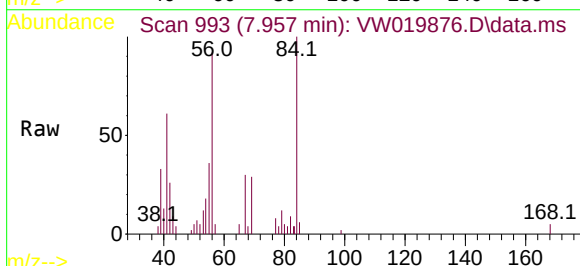
Instrument :
MSVOA_W
ClientSampled :
EW7A9

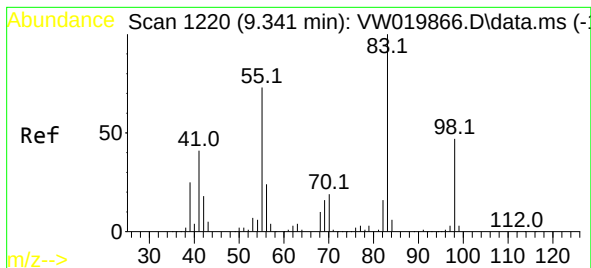
Tgt Ion: 43 Resp: 6680
Ion Ratio Lower Upper
43 100
72 17.2 14.9 44.7



#29
Cyclohexane
Concen: 1.280 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.006 min
Lab File: VW019876.D
Acq: 24 Aug 2021 15:41

Tgt Ion: 56 Resp: 10189
Ion Ratio Lower Upper
56 100
69 33.0 24.5 36.7
84 94.1 75.0 112.4

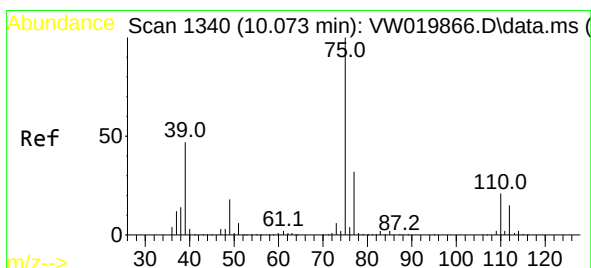
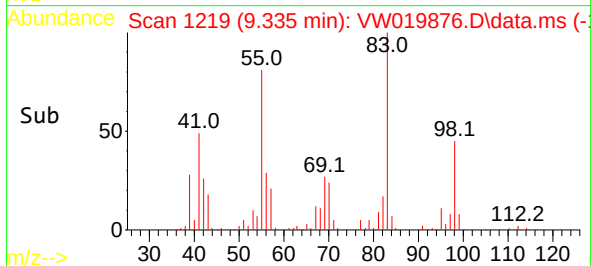
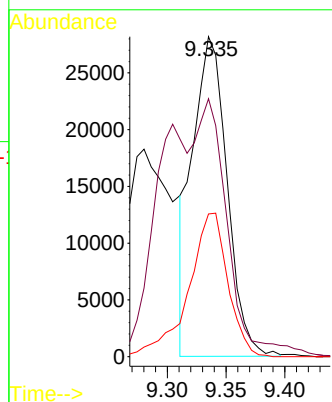
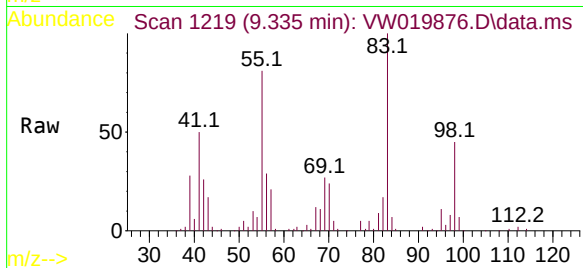




#35
Methylcyclohexane
Concen: 6.210 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.006 min
Lab File: VW019876.D
Acq: 24 Aug 2021 15:41

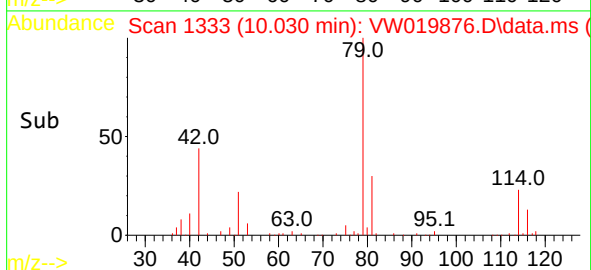
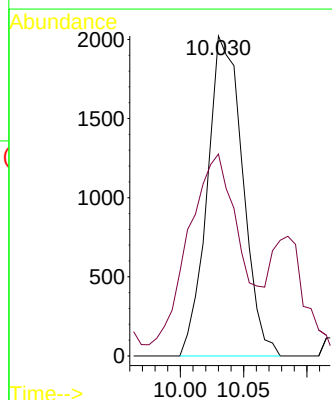
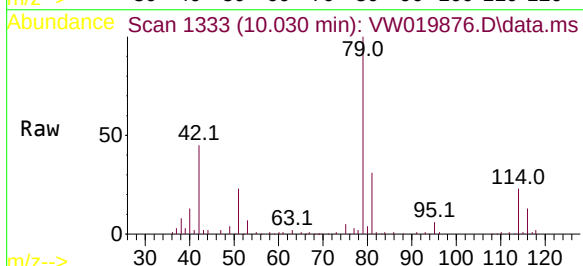
Instrument :
MSVOA_W
ClientSampleId :
EW7A9

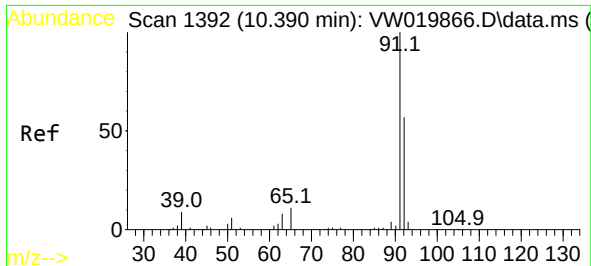
Tgt Ion:	83	Resp:	57605
Ion	Ratio	Lower	Upper
83	100		
55	65.4	58.9	88.3
98	51.3	40.1	60.1



#39
cis-1,3-Dichloropropene
Concen: 0.518 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW019876.D
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Tgt Ion:	75	Resp:	3930
Ion	Ratio	Lower	Upper
75	100		
77	63.1	22.6	42.0#

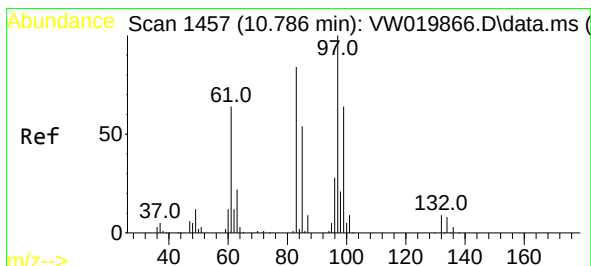
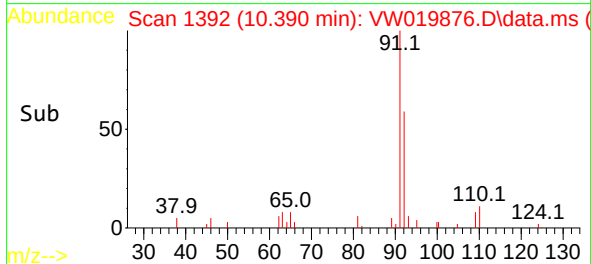
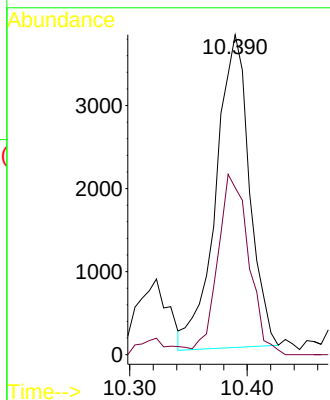
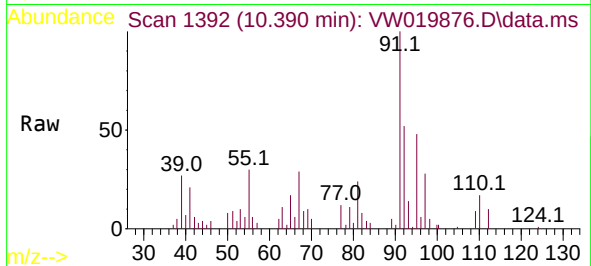




#42
Toluene
Concen: 0.339 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019876.D
Acq: 24 Aug 2021 15:41

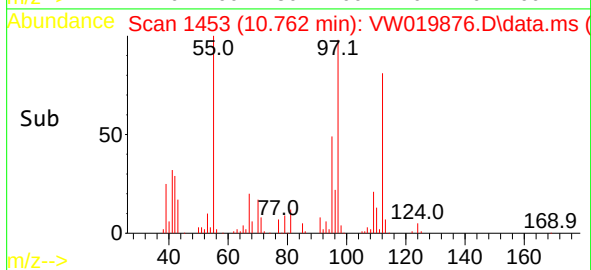
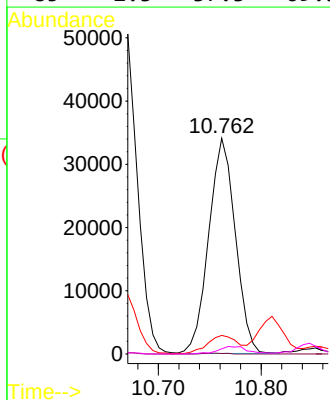
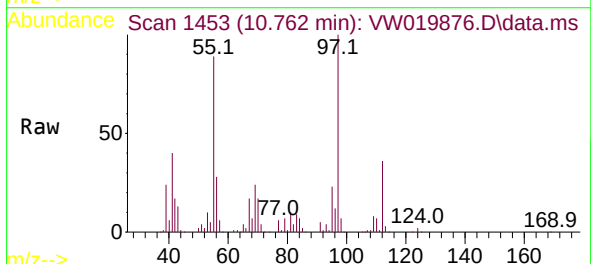
Instrument :
MSVOA_W
ClientSampled :
EW7A9

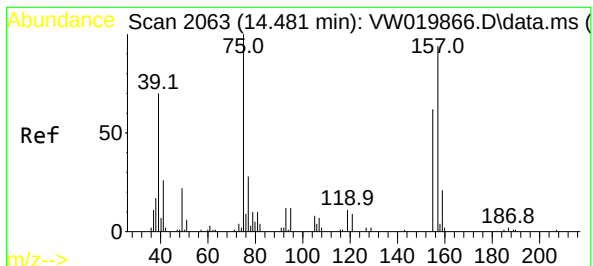
Tgt Ion: 91 Resp: 7468
Ion Ratio Lower Upper
91 100
92 52.2 39.5 73.3



#45
1,1,2-Trichloroethane
Concen: 16.402 ug/L
RT: 10.762 min Scan# 1453
Delta R.T. -0.025 min
Lab File: VW019876.D
Acq: 24 Aug 2021 15:41

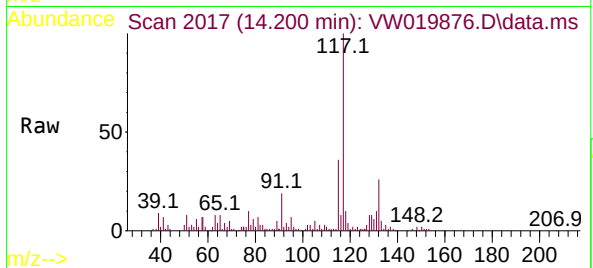
Tgt Ion: 97 Resp: 61182
Ion Ratio Lower Upper
97 100
99 0.2 45.1 83.7#
83 8.6 58.1 107.9#
85 2.3 37.3 69.3#





#68
1,2-Dibromo-3-chloropropane
Concen: 2.537 ug/L
RT: 14.200 min Scan# 2017
Delta R.T. -0.281 min
Lab File: VW019876.D
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Instrument :
MSVOA_W
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Tgt Ion: 75 Resp: 1304
Ion Ratio Lower Upper
75 100
155 0.0 59.4 89.0#
157 0.0 72.2 108.2#

