

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092221\
 Data File : VW020126.D
 Acq On : 22 Sep 2021 23:18
 Operator : SY/VA
 Sample : M3837-12
 Misc : 3.32g/10mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 23 01:28:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 23 01:24:43 2021
 Response via : Initial Calibration

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

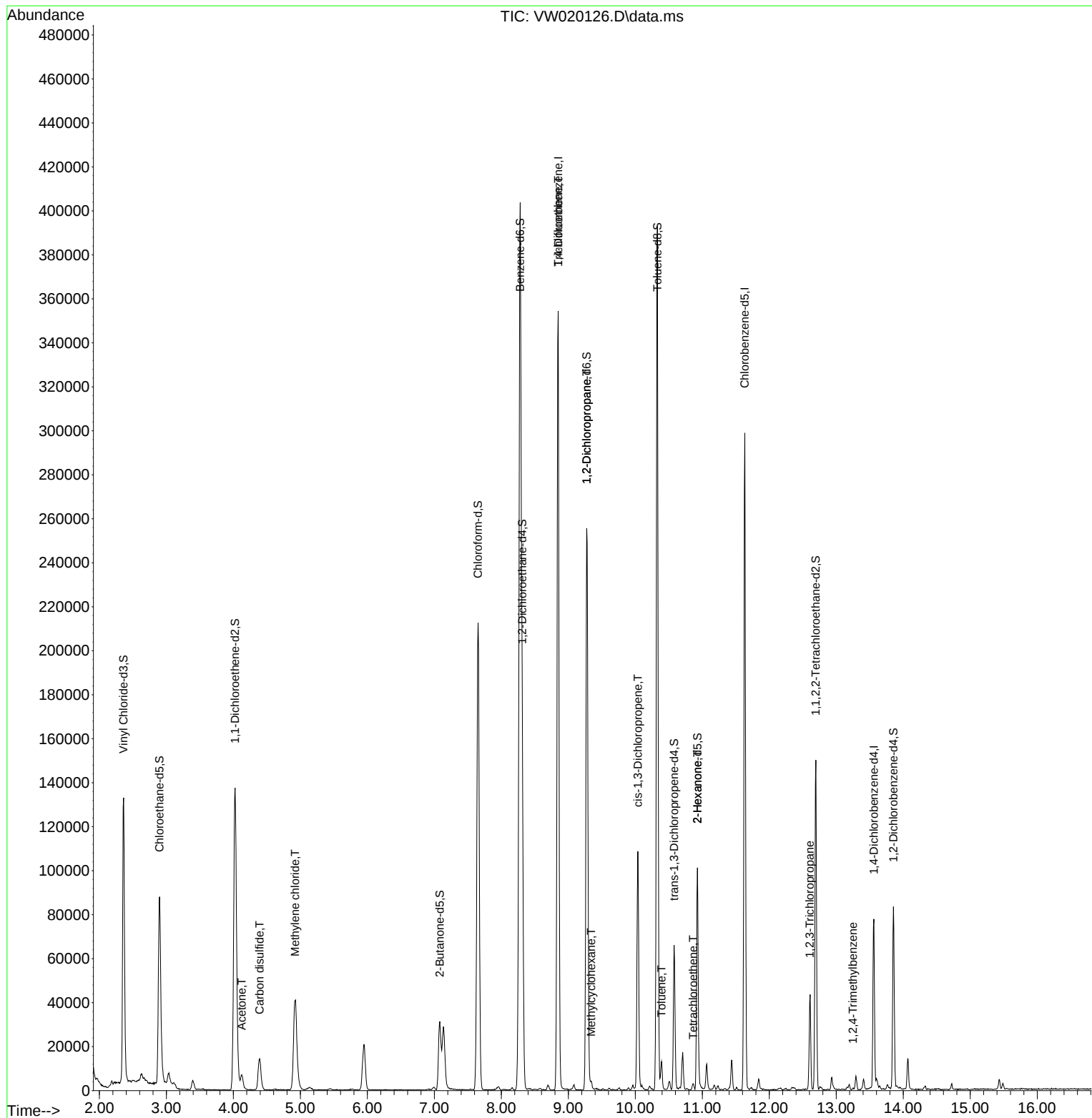
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	282031	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	156435	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	19228	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	145789	25.268	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.080%
7) Chloroethane-d5	2.898	69	118370	27.233	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.920%
11) 1,1-Dichloroethene-d2	4.025	63	147193	16.294	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.160%
21) 2-Butanone-d5	7.080	46	51412	57.744	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.480%
24) Chloroform-d	7.653	84	217074	24.474	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.880%
26) 1,2-Dichloroethane-d4	8.311	65	123079	25.783	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.120%
32) Benzene-d6	8.281	84	391796	39.257	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	157.040%#
36) 1,2-Dichloropropane-d6	9.275	67	115844	40.107	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	160.440%#
41) Toluene-d8	10.329	98	251177	27.660	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.640%
43) trans-1,3-Dichloroprop...	10.579	79	35629	28.860	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	115.440%
47) 2-Hexanone-d5	10.927	63	31172	77.986	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.980%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	72361	32.478	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.920%#
66) 1,2-Dichlorobenzene-d4	13.853	152	20535	28.482	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.920%
Target Compounds					Qvalue	
13) Acetone	4.123	43	10431	13.679	ug/L	96
14) Carbon disulfide	4.391	76	25401	2.160	ug/L	98
16) Methylene chloride	4.922	84	34923	7.018	ug/L	99
34) Trichloroethene	8.848	95	8855	3.504	ug/L #	5
35) Methylcyclohexane	9.342	83	995	0.242	ug/L #	65
37) 1,2-Dichloropropane	9.275	63	14209	6.076	ug/L #	89
39) cis-1,3-Dichloropropene	10.037	75	3055	0.886	ug/L	84
42) Toluene	10.390	91	8632	0.861	ug/L	98
46) Tetrachloroethene	10.866	164	641	0.328	ug/L	90
48) 2-Hexanone	10.927	43	4924	6.002	ug/L #	62
61) 1,2,3-Trichloropropane	12.603	75	572	1.575	ug/L #	66
63) 1,2,4-Trimethylbenzene	13.249	105	774	0.372	ug/L #	82

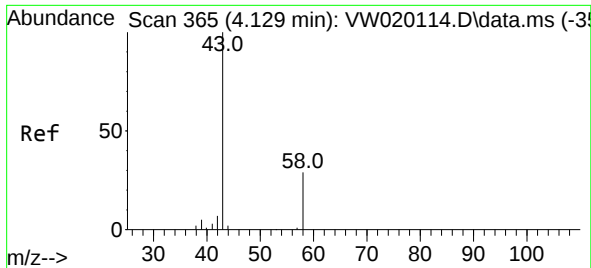
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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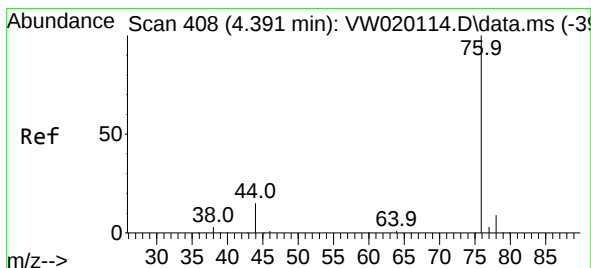
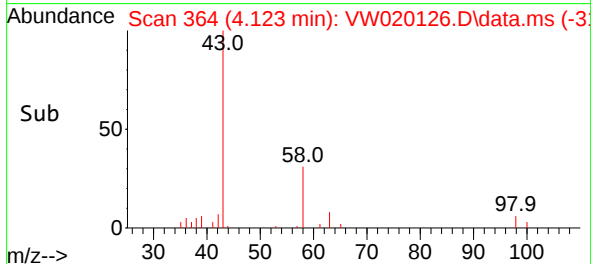
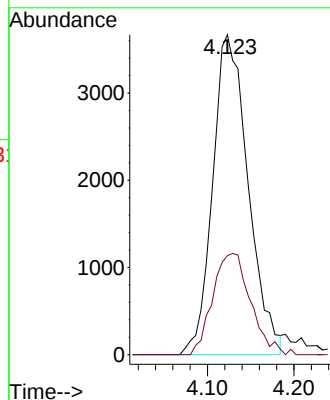
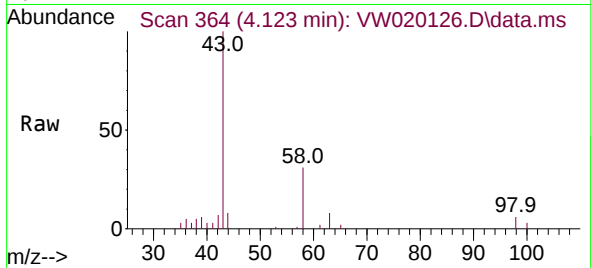




#13
Acetone
Concen: 13.679 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW020126.D
Acq: 22 Sep 2021 23:18

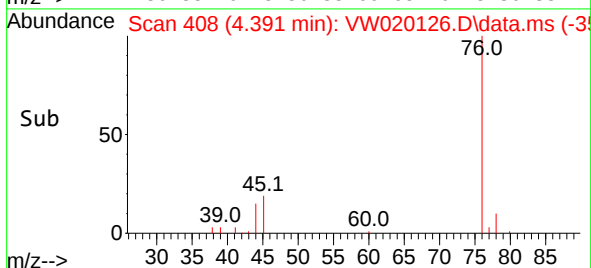
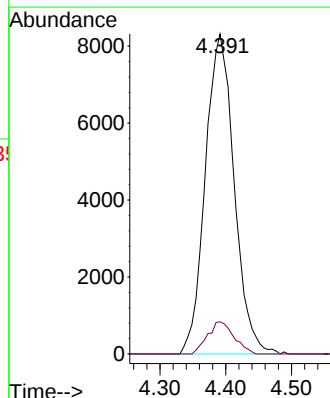
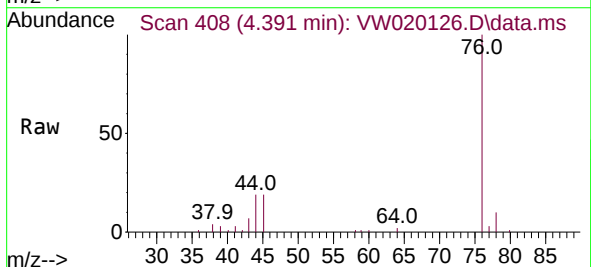
Instrument :
MSVOA_W
ClientSampled :

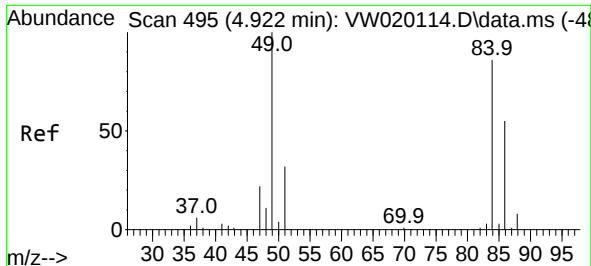
Tgt Ion: 43 Resp: 10431
Ion Ratio Lower Upper
43 100
58 32.8 0.0 61.6



#14
Carbon disulfide
Concen: 2.160 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW020126.D
Acq: 22 Sep 2021 23:18

Tgt Ion: 76 Resp: 25401
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3

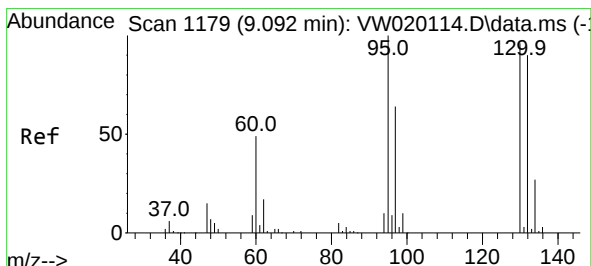
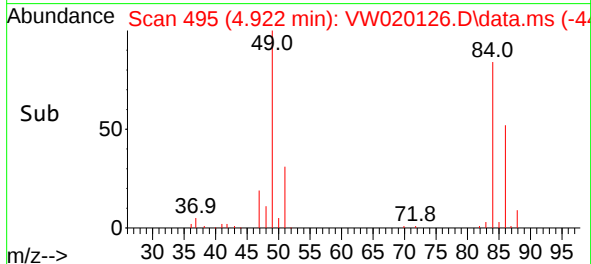
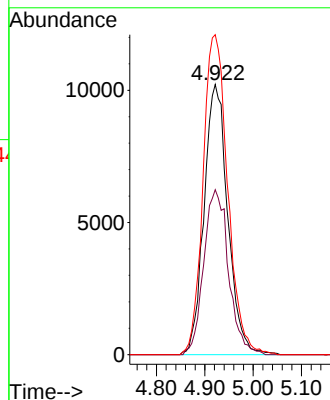
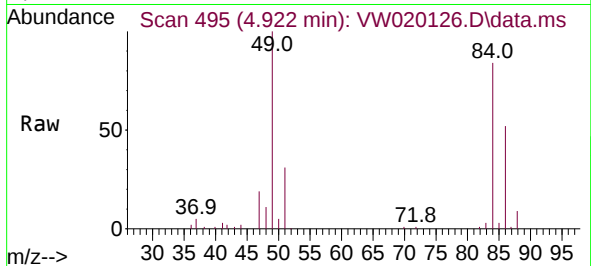




#16
Methylene chloride
Concen: 7.018 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW020126.D
Acq: 22 Sep 2021 23:18

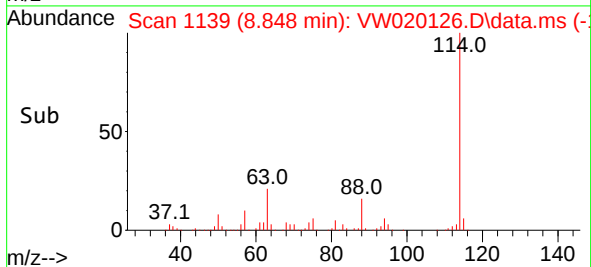
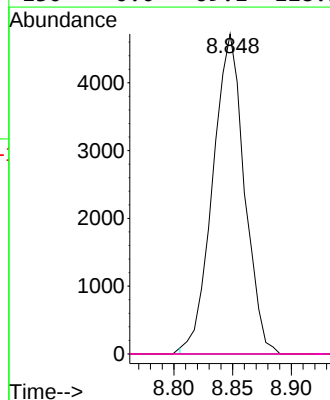
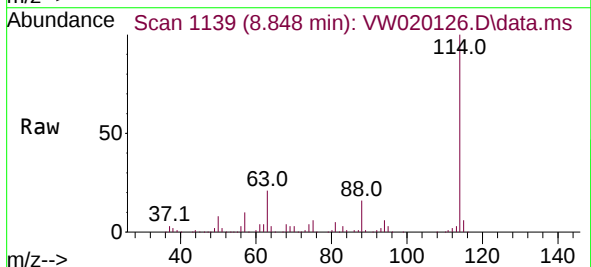
Instrument :
MSVOA_W
ClientSampled :

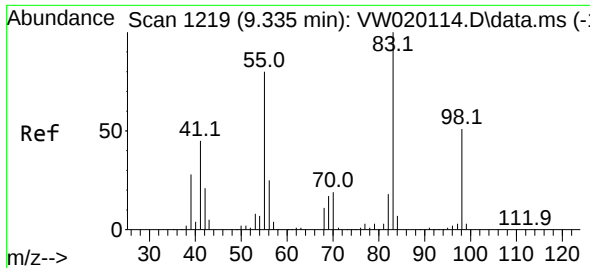
Tgt Ion: 84 Resp: 34923
Ion Ratio Lower Upper
84 100
86 61.1 42.6 79.0
49 118.4 83.4 154.8



#34
Trichloroethene
Concen: 3.504 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW020126.D
Acq: 22 Sep 2021 23:18

Tgt Ion: 95 Resp: 8855
Ion Ratio Lower Upper
95 100
97 0.0 45.1 83.7#
132 0.0 67.9 126.1#
130 0.0 69.1 128.3#

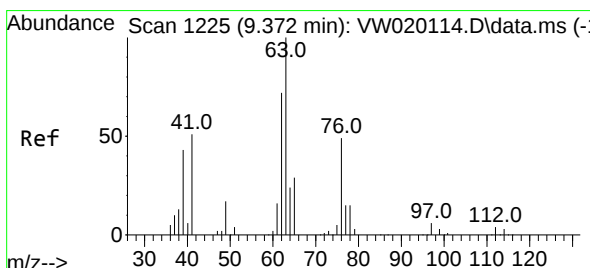
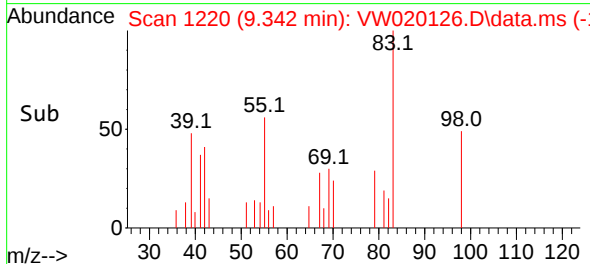
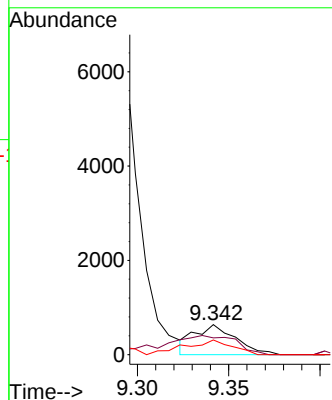
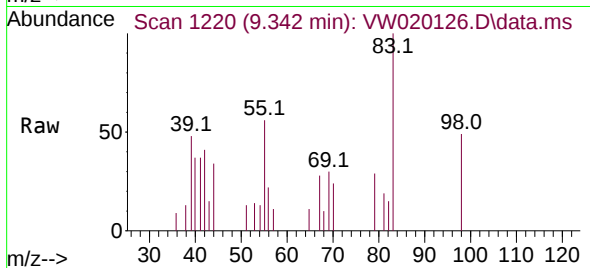




#35
Methylcyclohexane
Concen: 0.242 ug/L
RT: 9.342 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW020126.D
Acq: 22 Sep 2021 23:18

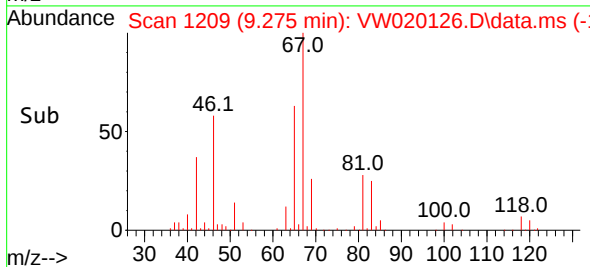
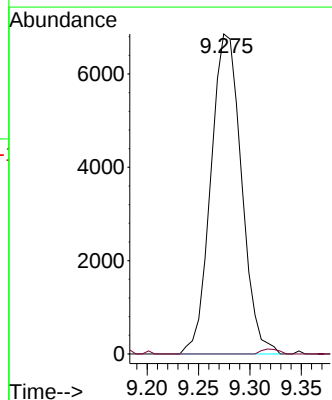
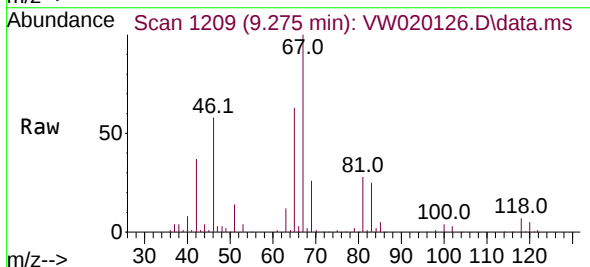
Instrument :
MSVOA_W
ClientSampleId :

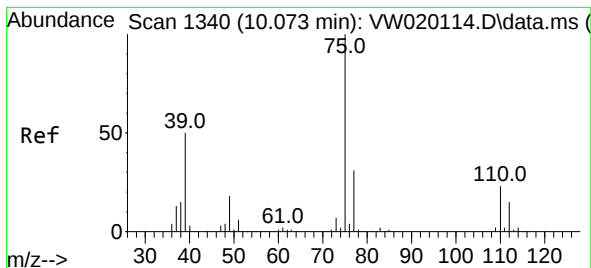
Tgt Ion: 83 Resp: 995
Ion Ratio Lower Upper
83 100
55 37.3 61.4 92.2#
98 36.0 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 6.076 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW020126.D
Acq: 22 Sep 2021 23:18

Tgt Ion: 63 Resp: 14209
Ion Ratio Lower Upper
63 100
112 0.9 3.6 5.4#

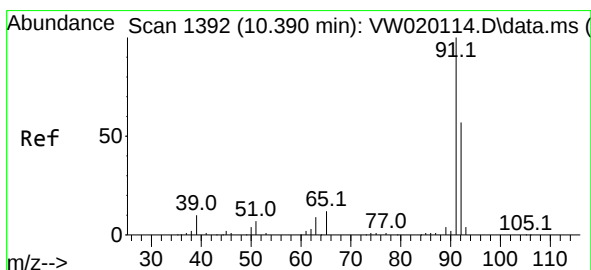
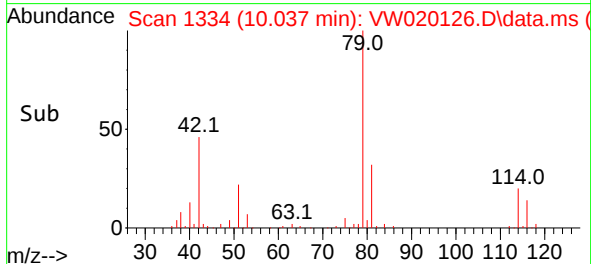
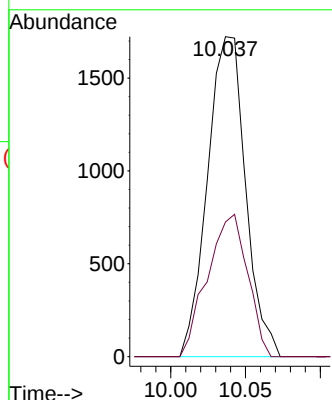
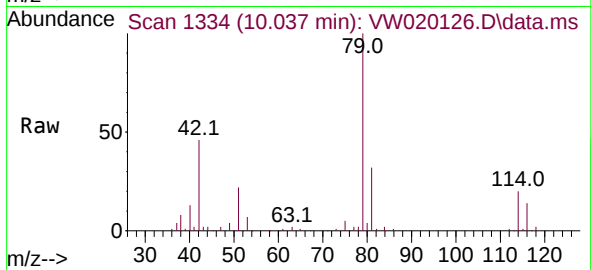




#39
cis-1,3-Dichloropropene
Concen: 0.886 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW020126.D
Acq: 22 Sep 2021 23:18

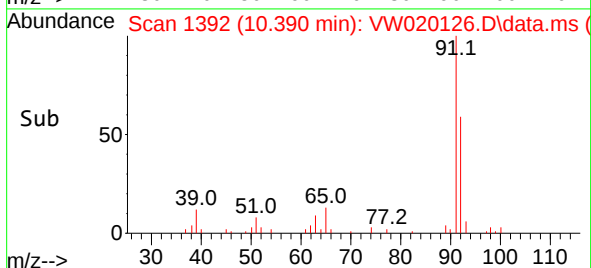
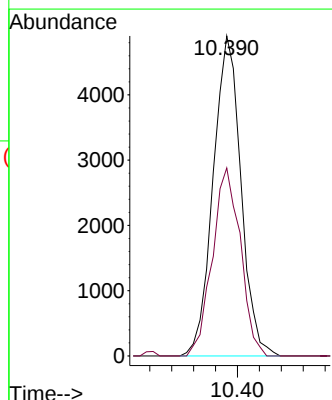
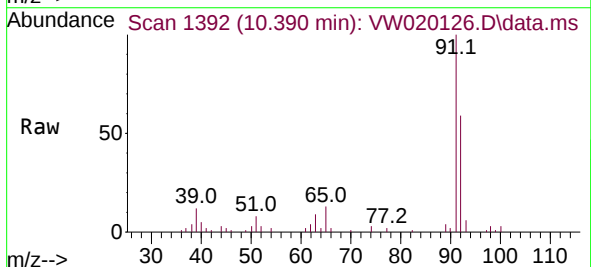
Instrument :
MSVOA_W
ClientSampled :

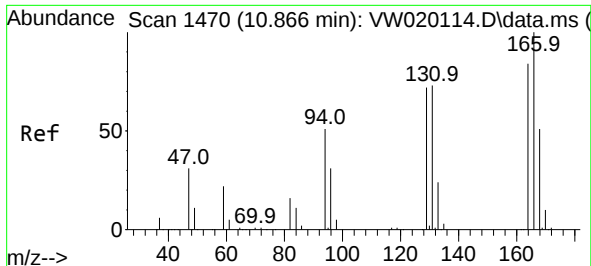
Tgt Ion: 75 Resp: 3055
Ion Ratio Lower Upper
75 100
77 42.1 23.0 42.6



#42
Toluene
Concen: 0.861 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020126.D
Acq: 22 Sep 2021 23:18

Tgt Ion: 91 Resp: 8632
Ion Ratio Lower Upper
91 100
92 58.8 42.2 78.4



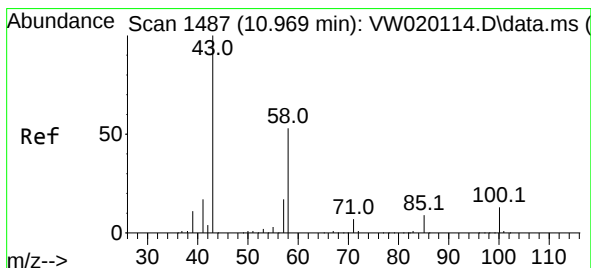
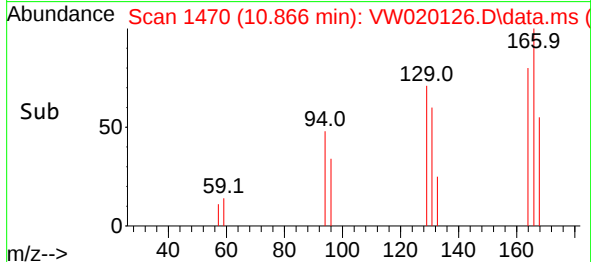
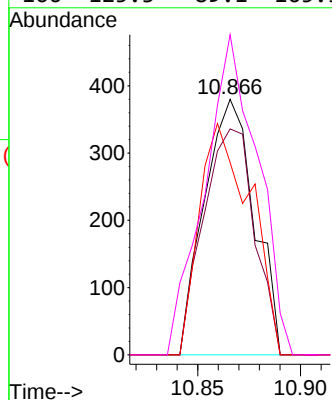
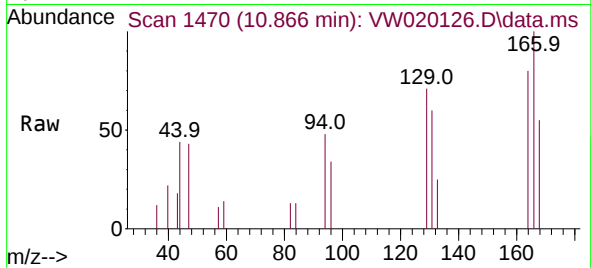


#46
Tetrachloroethene
Concen: 0.328 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW020126.D
Acq: 22 Sep 2021 23:18

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:164 Resp: 641

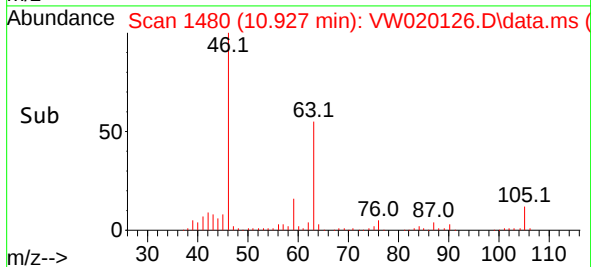
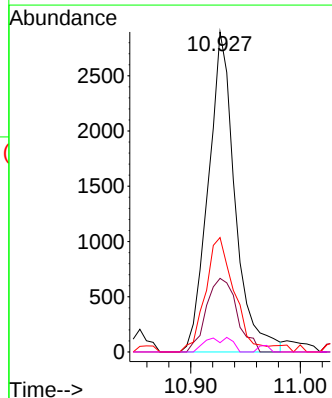
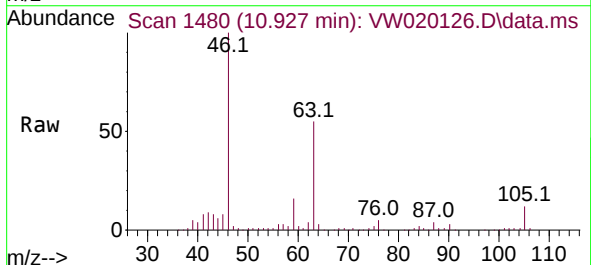
Ion	Ratio	Lower	Upper
164	100		
129	88.4	69.5	129.1
131	75.3	66.5	123.5
166	125.3	89.1	165.5

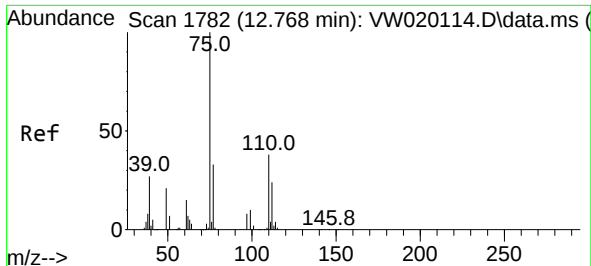


#48
2-Hexanone
Concen: 6.002 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW020126.D
Acq: 22 Sep 2021 23:18

Tgt Ion: 43 Resp: 4924

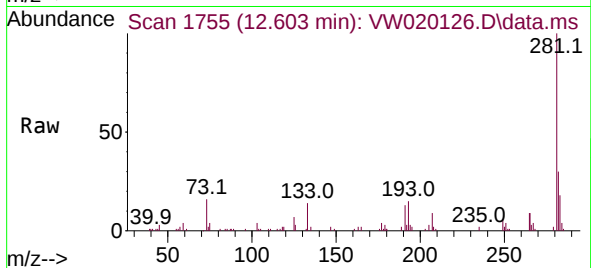
Ion	Ratio	Lower	Upper
43	100		
58	26.3	43.8	65.6#
57	38.5	15.6	23.4#
100	1.7	10.5	15.7#



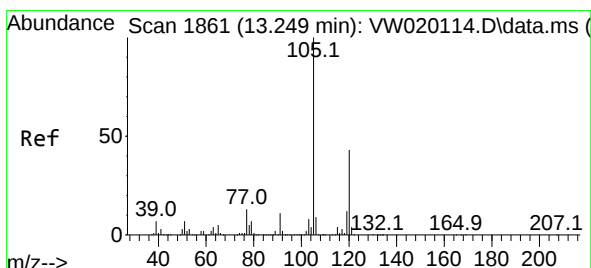
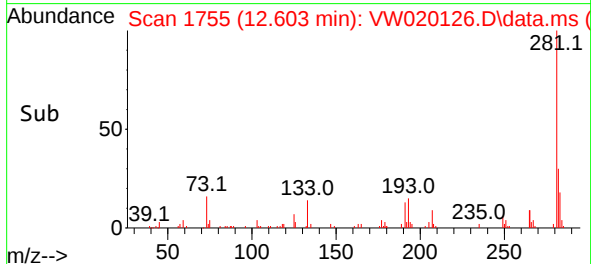
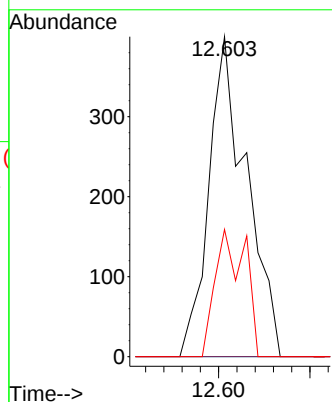


#61
1,2,3-Trichloropropane
Concen: 1.575 ug/L
RT: 12.603 min Scan# 1755
Delta R.T. -0.165 min
Lab File: VW020126.D
Acq: 22 Sep 2021 23:18

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion: 75 Resp: 572
Ion Ratio Lower Upper
75 100
77 9.1 26.3 39.5#
110 21.7 30.2 45.2#



#63
1,2,4-Trimethylbenzene
Concen: 0.372 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020126.D
Acq: 22 Sep 2021 23:18

Tgt Ion: 105 Resp: 774
Ion Ratio Lower Upper
105 100
120 33.2 36.2 54.4#

