

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020315.D
 Acq On : 06 Oct 2021 14:36
 Operator : SY/VA
 Sample : M3974-02RE
 Misc : 6.89g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 07 01:52:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 07 01:49:38 2021
 Response via : Initial Calibration

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

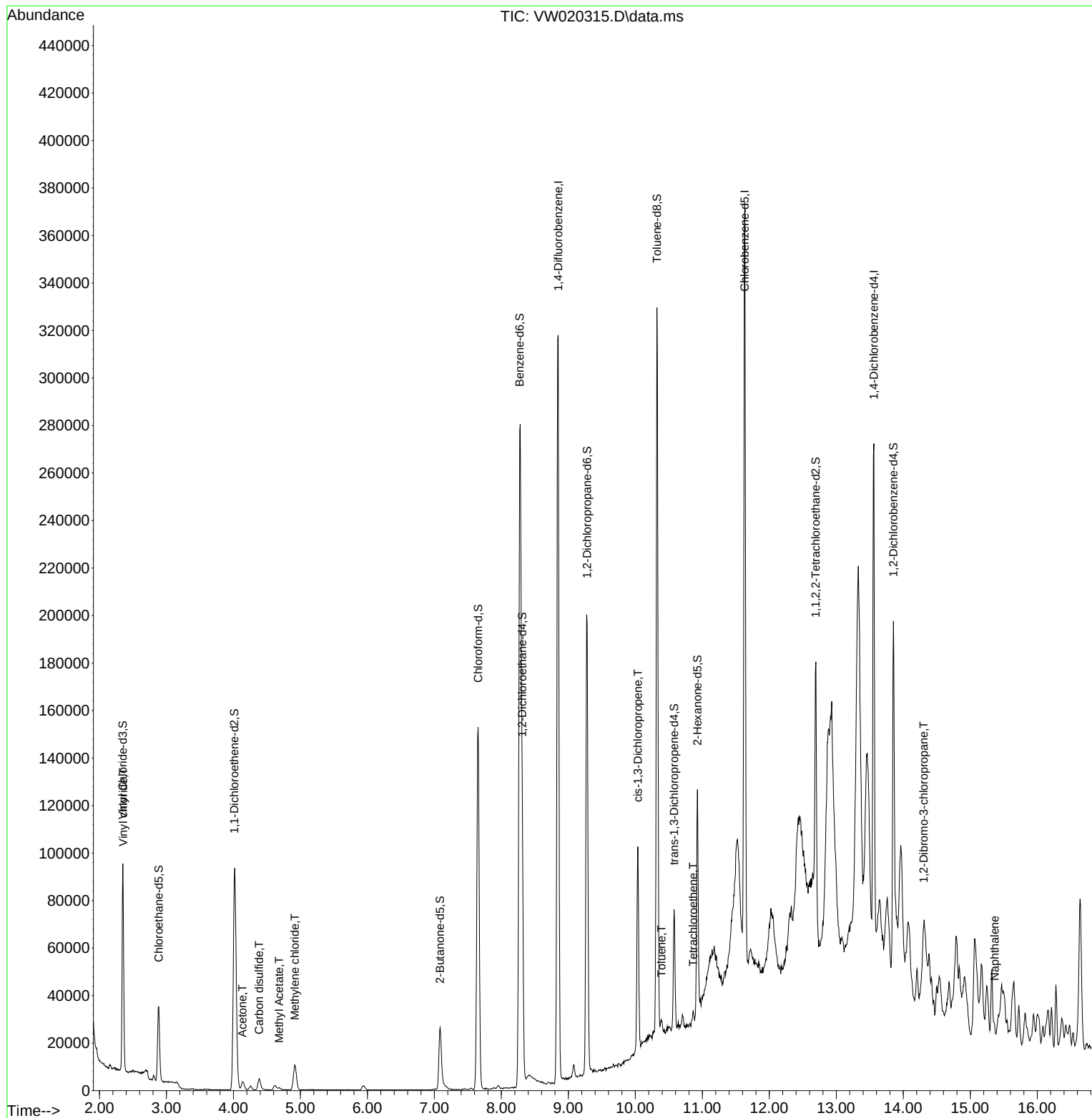
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	252904	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	169106	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	53106	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	82101	23.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.200%
7) Chloroethane-d5	2.885	69	36204	23.971	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.880%
11) 1,1-Dichloroethene-d2	4.013	63	95941	13.366	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.480%
21) 2-Butanone-d5	7.086	46	46316	52.308	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.620%
24) Chloroform-d	7.653	84	152798	21.041	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.160%
26) 1,2-Dichloroethane-d4	8.311	65	89694	22.569	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.280%
32) Benzene-d6	8.275	84	277741	27.126	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.520%
36) 1,2-Dichloropropane-d6	9.280	67	89763	27.640	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.560%
41) Toluene-d8	10.323	98	193219	20.836	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.360%
43) trans-1,3-Dichloroprop...	10.579	79	26203	19.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.320%
47) 2-Hexanone-d5	10.927	63	31559	70.308	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.620%#
56) 1,1,2,2-Tetrachloroeth...	12.694	84	52428	23.130	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	37550	20.192	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.760%
Target Compounds						Qvalue
5) Vinyl chloride	2.355	62	2334	0.506	ug/L #	1
13) Acetone	4.135	43	6980	7.668	ug/L	98
14) Carbon disulfide	4.385	76	10007	0.865	ug/L #	95
15) Methyl Acetate	4.684	43	1455	0.875	ug/L #	85
16) Methylene chloride	4.915	84	7463	1.653	ug/L	95
39) cis-1,3-Dichloropropene	10.036	75	2170	0.524	ug/L #	38
42) Toluene	10.390	91	3820	0.323	ug/L	96
46) Tetrachloroethene	10.866	164	1025	0.481	ug/L #	47
68) 1,2-Dibromo-3-chloropr...	14.304	75	1832	8.200	ug/L #	1
71) Naphthalene	15.365	128	3846	1.202	ug/L	97

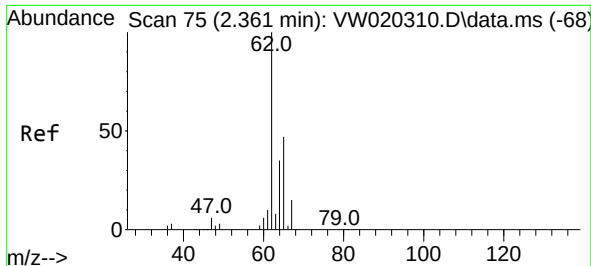
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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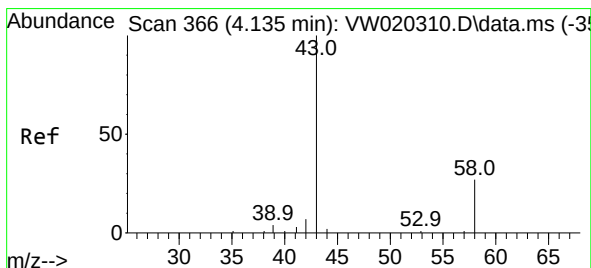
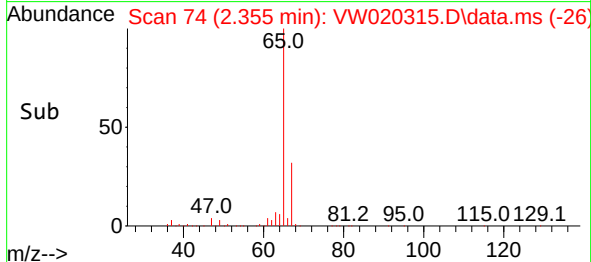
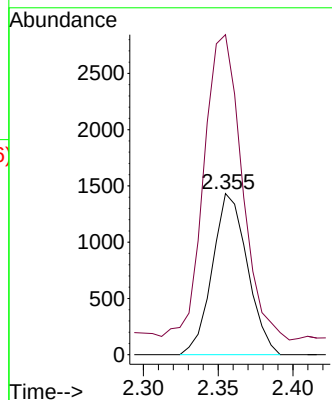
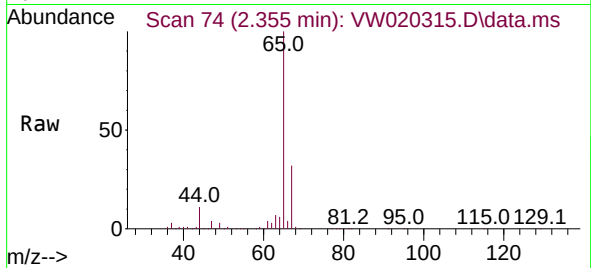




#5
 Vinyl chloride
 Concen: 0.506 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW020315.D
 Acq: 06 Oct 2021 14:36

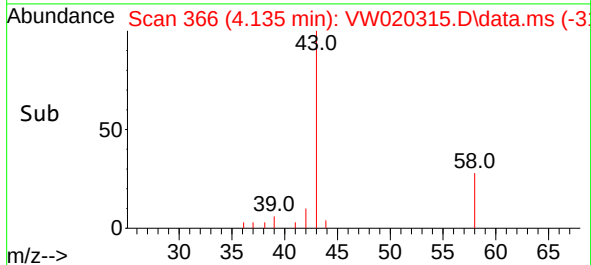
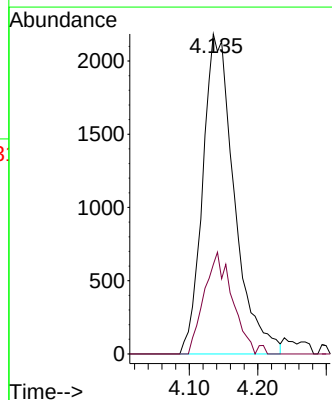
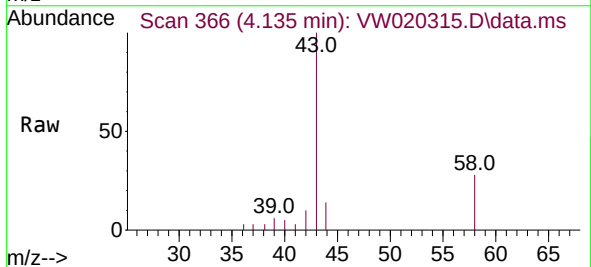
Instrument :
 MSVOA_W
 ClientSampled :

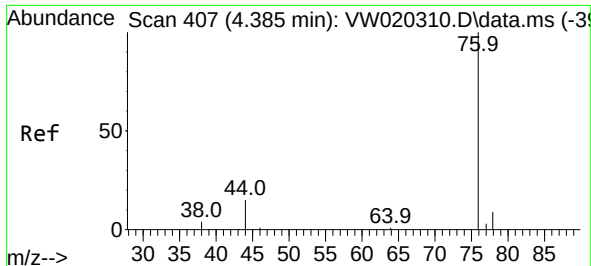
Tgt Ion: 62 Resp: 2334
 Ion Ratio Lower Upper
 62 100
 64 198.6 24.6 45.6#



#13
 Acetone
 Concen: 7.668 ug/L
 RT: 4.135 min Scan# 366
 Delta R.T. -0.000 min
 Lab File: VW020315.D
 Acq: 06 Oct 2021 14:36

Tgt Ion: 43 Resp: 6980
 Ion Ratio Lower Upper
 43 100
 58 28.2 0.0 58.4

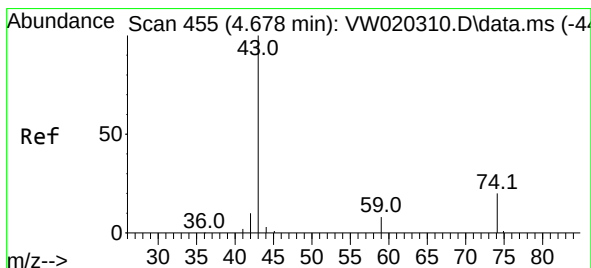
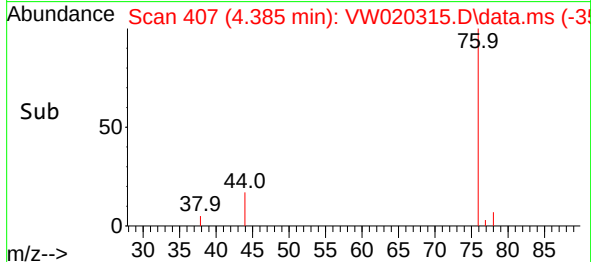
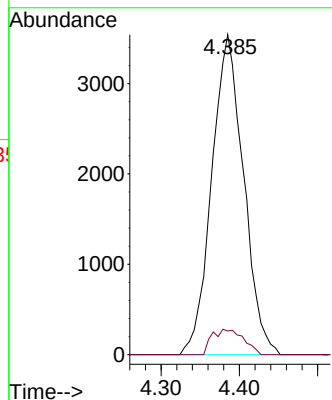
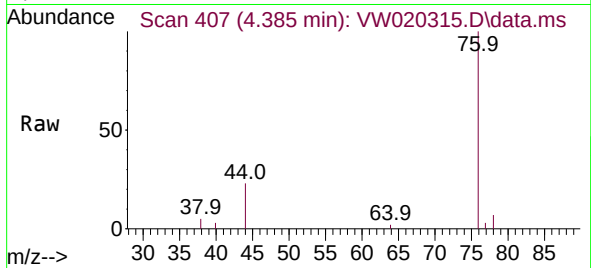




#14
Carbon disulfide
Concen: 0.865 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW020315.D
Acq: 06 Oct 2021 14:36

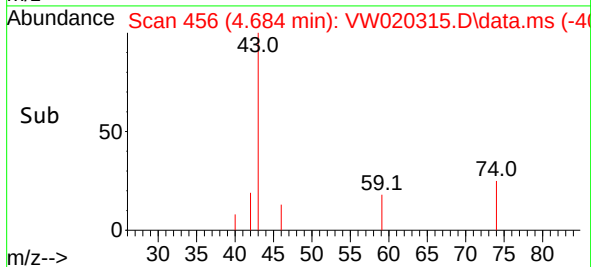
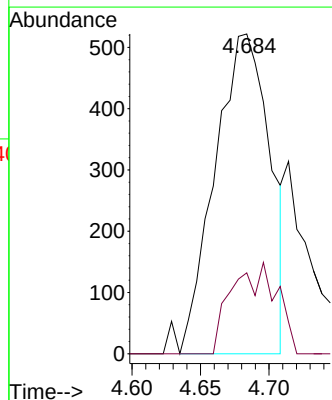
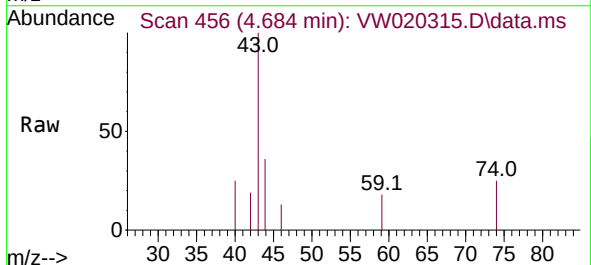
Instrument :
MSVOA_W
ClientSampled :

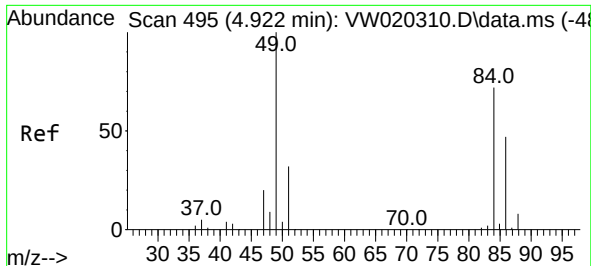
Tgt Ion: 76 Resp: 10007
Ion Ratio Lower Upper
76 100
78 7.4 7.4 11.2#



#15
Methyl Acetate
Concen: 0.875 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW020315.D
Acq: 06 Oct 2021 14:36

Tgt Ion: 43 Resp: 1455
Ion Ratio Lower Upper
43 100
74 13.3 16.1 24.1#

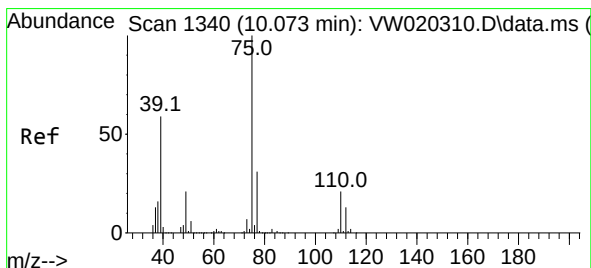
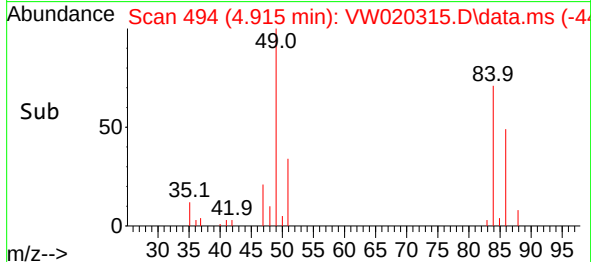
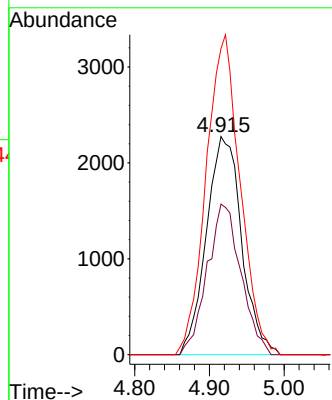
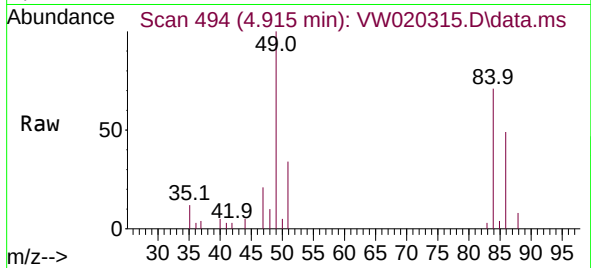




#16
Methylene chloride
Concen: 1.653 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW020315.D
Acq: 06 Oct 2021 14:36

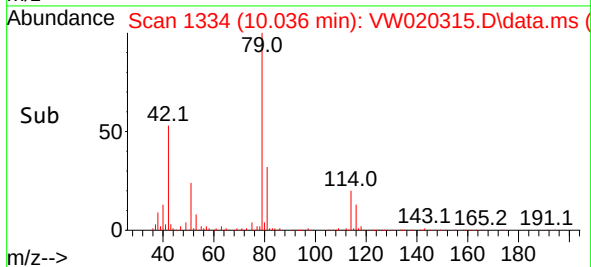
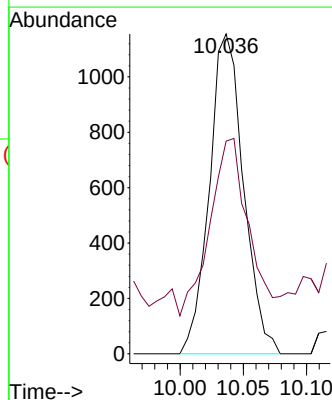
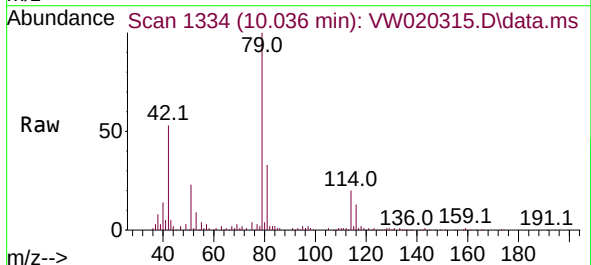
Instrument :
MSVOA_W
ClientSampled :

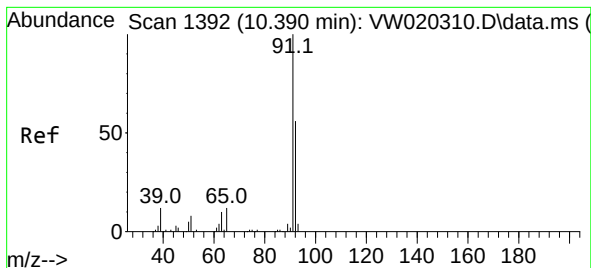
Tgt Ion: 84 Resp: 7463
Ion Ratio Lower Upper
84 100
86 69.1 44.7 83.1
49 140.5 101.7 188.9



#39
cis-1,3-Dichloropropene
Concen: 0.524 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW020315.D
Acq: 06 Oct 2021 14:36

Tgt Ion: 75 Resp: 2170
Ion Ratio Lower Upper
75 100
77 66.5 22.4 41.6#





#42

Toluene

Concen: 0.323 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW020315.D

Acq: 06 Oct 2021 14:36

Tgt Ion: 91 Resp: 3820

Ion Ratio Lower Upper

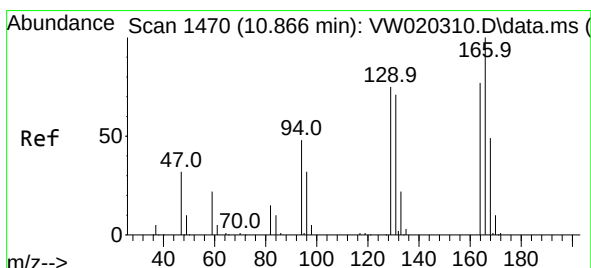
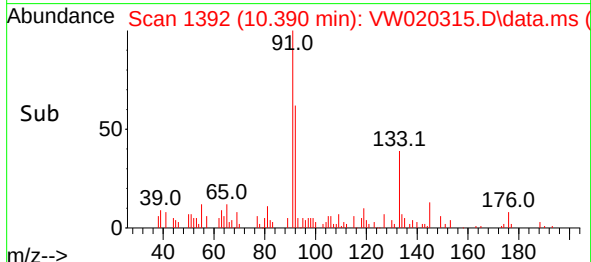
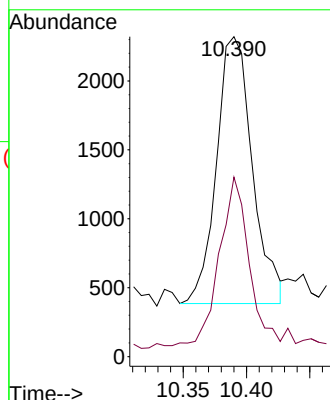
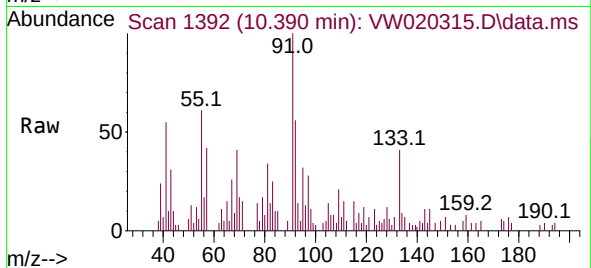
91 100

92 56.1 41.5 77.1

Instrument :

MSVOA_W

ClientSampled :



#46

Tetrachloroethene

Concen: 0.481 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VW020315.D

Acq: 06 Oct 2021 14:36

Tgt Ion:164 Resp: 1025

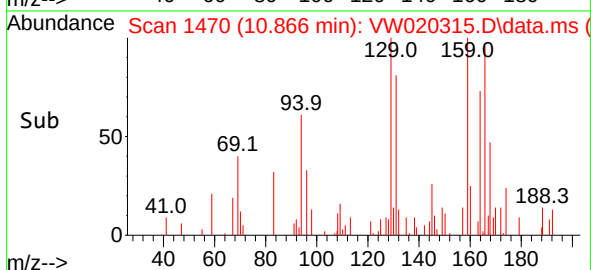
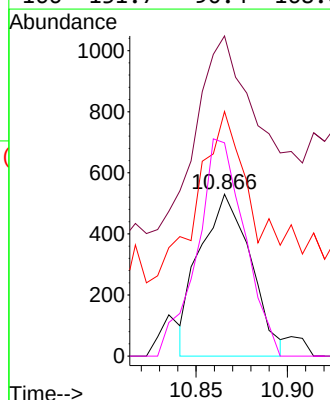
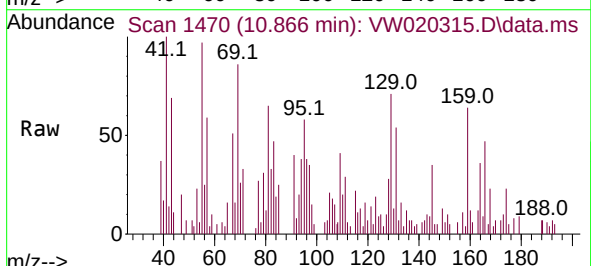
Ion Ratio Lower Upper

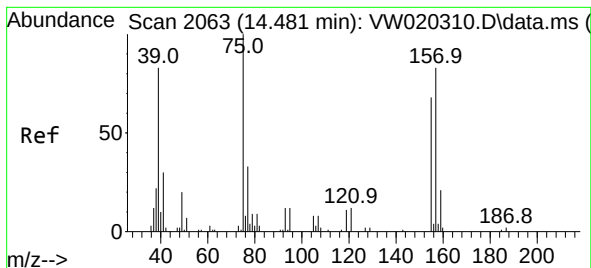
164 100

129 197.7 69.1 128.3#

131 151.1 58.3 108.3#

166 131.7 90.4 168.0

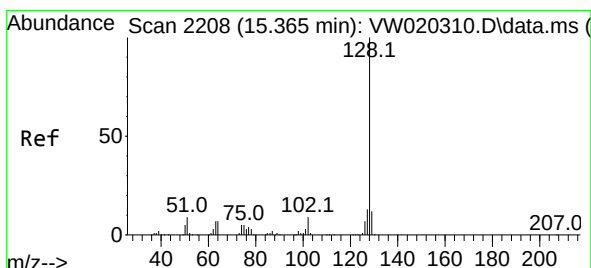
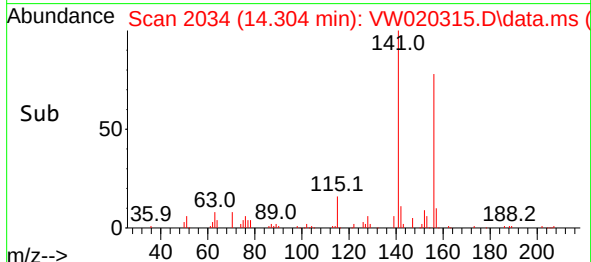
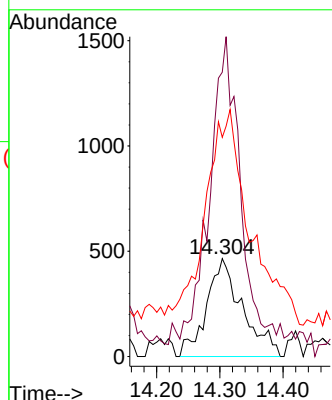
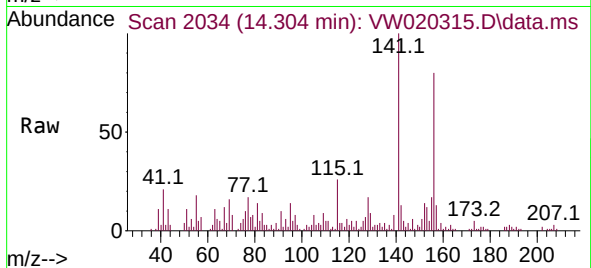




#68
1,2-Dibromo-3-chloropropane
Concen: 8.200 ug/L
RT: 14.304 min Scan# 2034
Delta R.T. -0.177 min
Lab File: VW020315.D
Acq: 06 Oct 2021 14:36

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 1832
Ion Ratio Lower Upper
75 100
155 290.3 51.4 77.0#
157 223.9 70.8 106.2#



#71
Naphthalene
Concen: 1.202 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020315.D
Acq: 06 Oct 2021 14:36

Tgt Ion: 128 Resp: 3846
Ion Ratio Lower Upper
128 100
127 12.1 10.5 15.7
129 9.5 8.7 13.1

