

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112420\
 Data File : VW017479.D
 Acq On : 24 Nov 2020 17:55
 Operator : SY/VA
 Sample : L4853-01RE
 Misc : 5.13G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 25 01:48:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 25 01:45:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	402827	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	274780	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	73381	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	140906	26.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.36%
7) Chloroethane-d5	2.90	69	111909	25.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.12%
10) 1,1-Dichloroethene-d2	4.13	63	375	0.03	ug/L	0.10
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.12%#
20) 2-Butanone-d5	7.09	46	62488	55.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.84%
24) Chloroform-d	7.65	84	275980	24.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.48%
26) 1,2-Dichloroethane-d4	8.41	65	135	0.02	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	531659	31.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.84%
33) 1,2-Dichloropropane-d6	9.27	67	153278	32.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.12%#
37) Toluene-d8	10.32	98	414411	26.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.72%
38) trans-1,3-Dichloropropene-	10.58	79	61717	29.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.16%
39) 2-Hexanone-d5	10.93	63	44690	77.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.44%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99595	29.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	70756	26.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.20%

Target Compounds

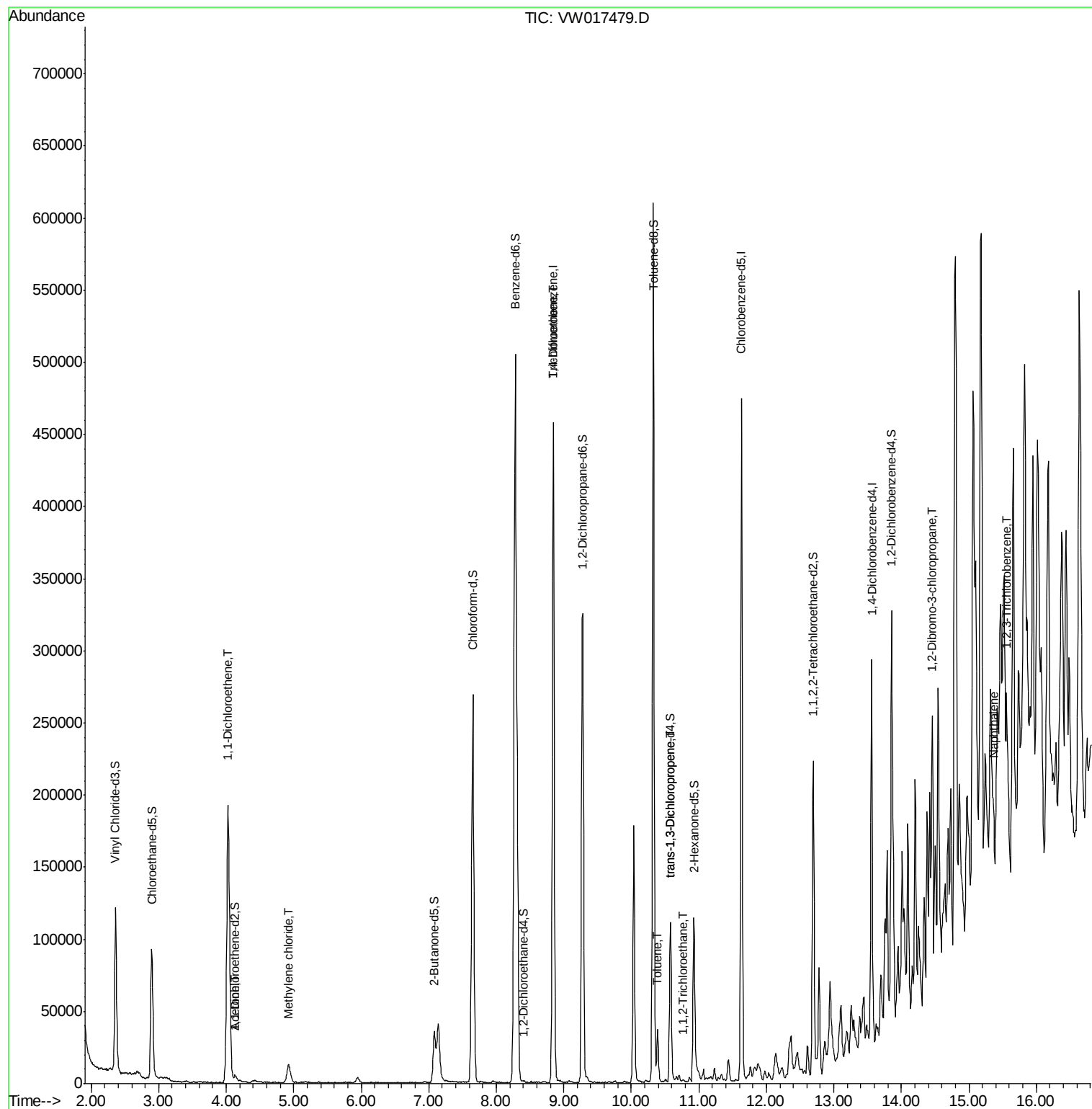
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.03	96	1986	0.356	ug/L #	1
13) Acetone	4.14	43	8026	7.464	ug/L	75
16) Methylene chloride	4.92	84	10434	1.725	ug/L	98
35) Trichloroethene	8.85	95	11763	2.569	ug/L #	3
44) Toluene	10.39	91	25603	1.441	ug/L	97
45) trans-1,3-Dichloropropene	10.58	75	3078	0.598	ug/L	86
46) 1,1,2-Trichloroethane	10.76	97	758	0.261	ug/L #	23
66) 1,2-Dibromo-3-chloropropan	14.46	75	1384	5.216	ug/L #	1
69) Naphthalene	15.37	128	26084	6.165	ug/L #	95
70) 1,2,3-Trichlorobenzene	15.57	180	2429	1.063	ug/L #	1

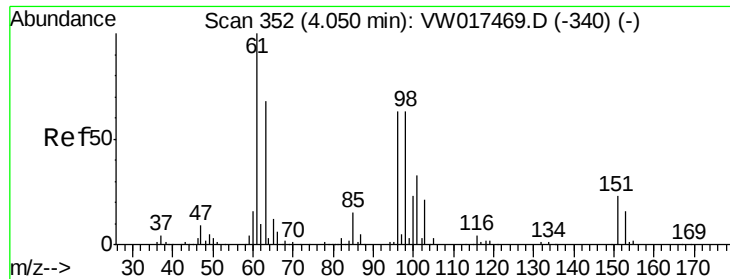
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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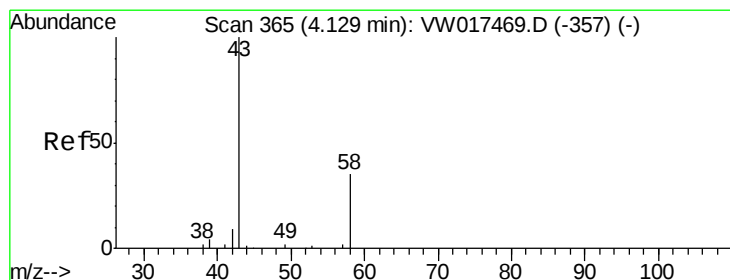
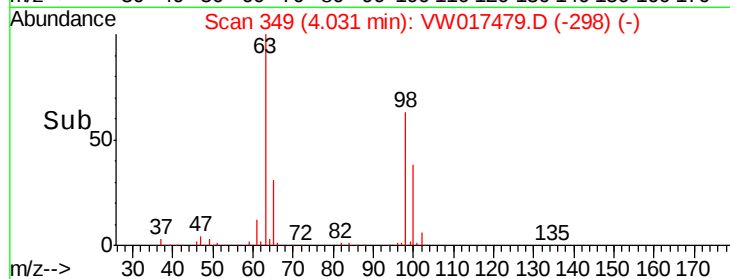
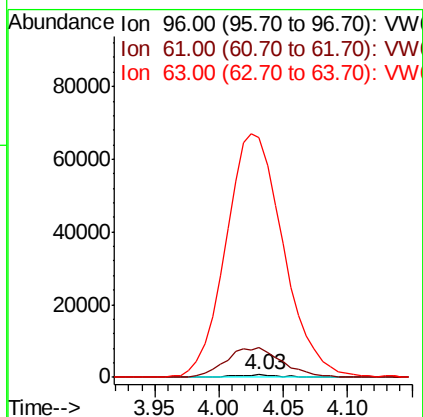
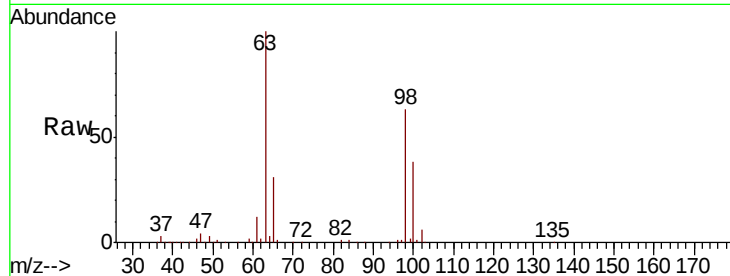




#12
 1,1-Dichloroethene
 Concen: 0.356 ug/L
 RT: 4.03 min Scan# 349
 Delta R.T. -0.02 min
 Lab File: VW017479.D
 Acq: 24 Nov 2020 17:55

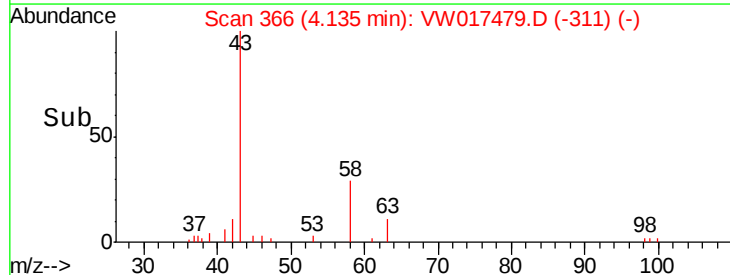
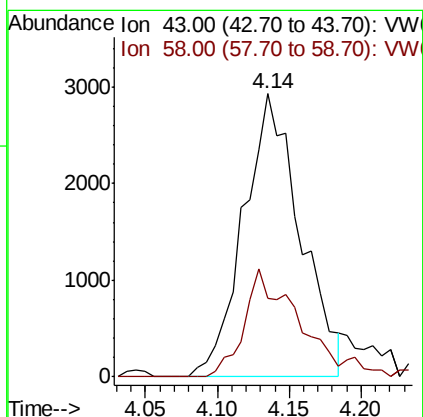
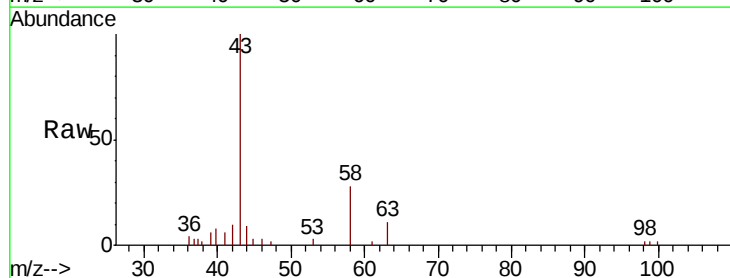
Instrument :
 MSVOA_W
 ClientSampled :

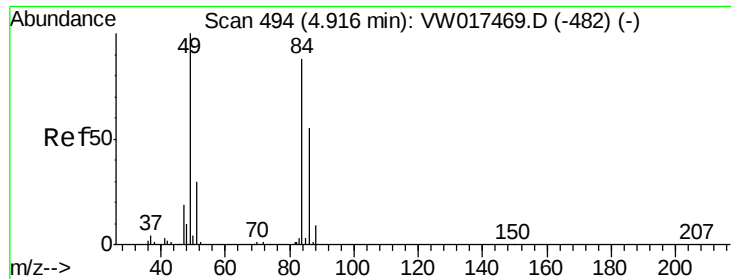
Tot Ion: 96 Resp: 1986
 Ion Ratio Lower Upper
 96 100
 61 1135.5 112.5 208.9#
 63 9279.1 83.1 154.3#



#13
 Acetone
 Concen: 7.464 ug/L
 RT: 4.14 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VW017479.D
 Acq: 24 Nov 2020 17:55

Tgt Ion: 43 Resp: 8026
 Ion Ratio Lower Upper
 43 100
 58 20.0 0.0 68.4

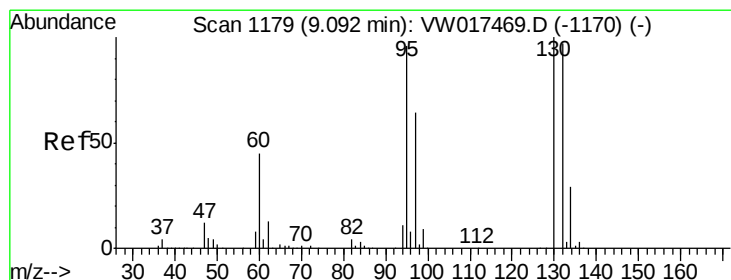
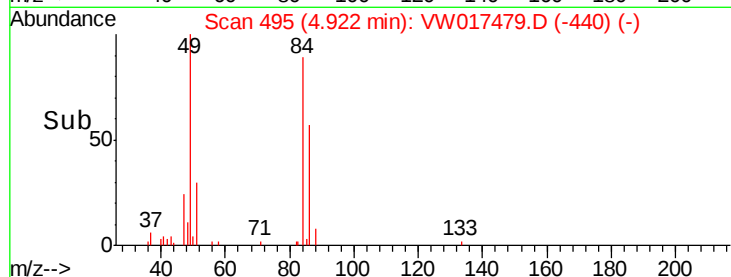
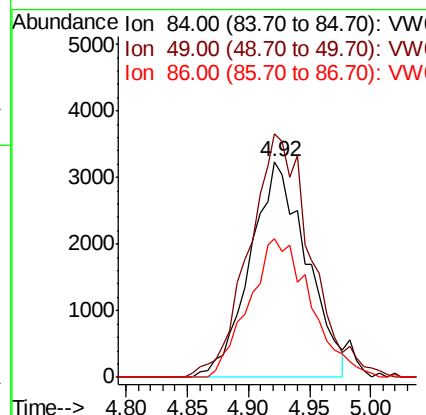
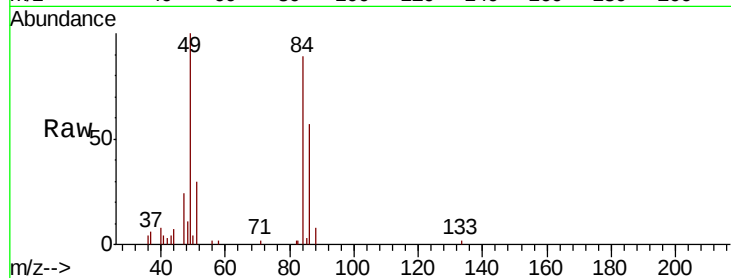




#16
Methvlene chloride
Concen: 1.725 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017479.D
Acq: 24 Nov 2020 17:55

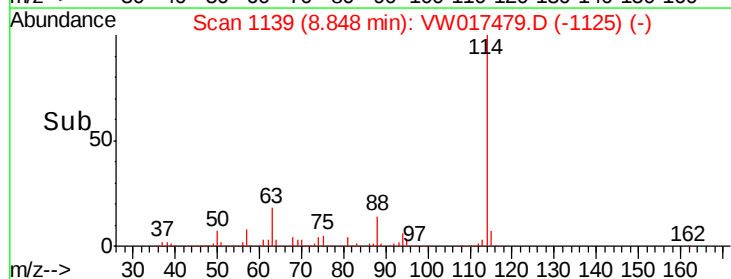
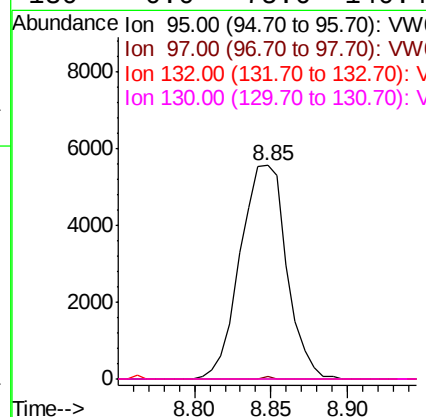
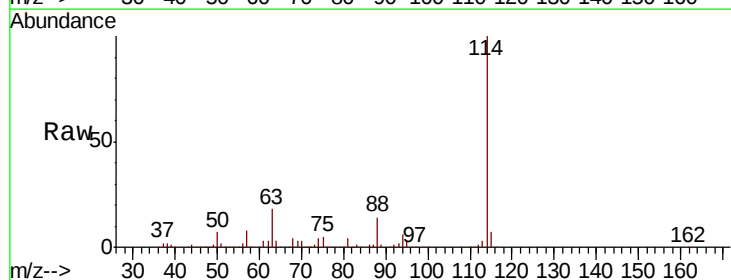
Instrument :
MSVOA_W
ClientSampleId :

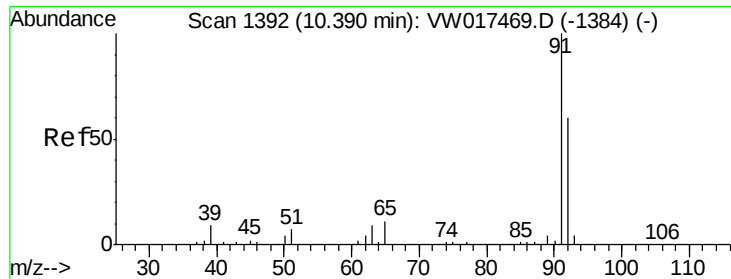
Tot Ion: 84 Resp: 10434
Ion Ratio Lower Upper
84 100
49 112.7 81.2 150.8
86 63.9 44.5 82.7



#35
Trichloroethene
Concen: 2.569 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW017479.D
Acq: 24 Nov 2020 17:55

Tgt Ion: 95 Resp: 11763
Ion Ratio Lower Upper
95 100
97 0.4 45.0 83.6#
132 0.0 71.0 131.8#
130 0.0 75.6 140.4#





#44

Toluene

Concen: 1.441 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW017479.D

Acq: 24 Nov 2020 17:55

Instrument :

MSVOA_W

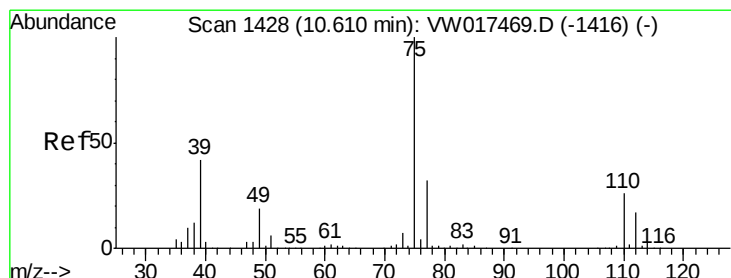
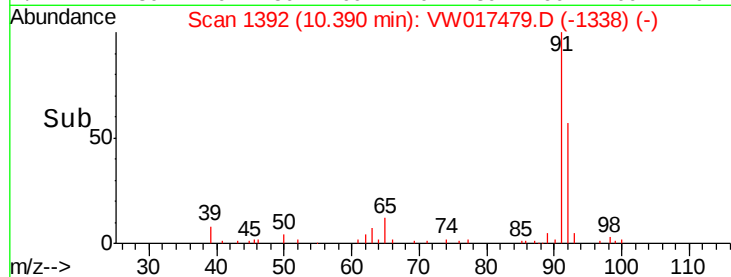
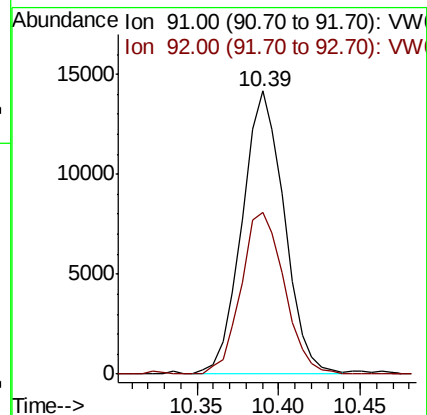
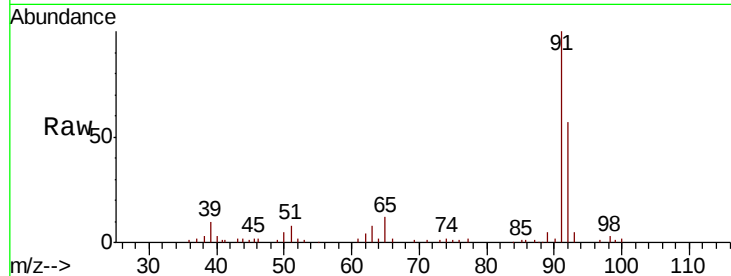
ClientSampleId :

Tot Ion: 91 Resp: 25603

Ion Ratio Lower Upper

91 100

92 57.1 41.6 77.3



#45

trans-1,3-Dichloropropene

Concen: 0.598 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017479.D

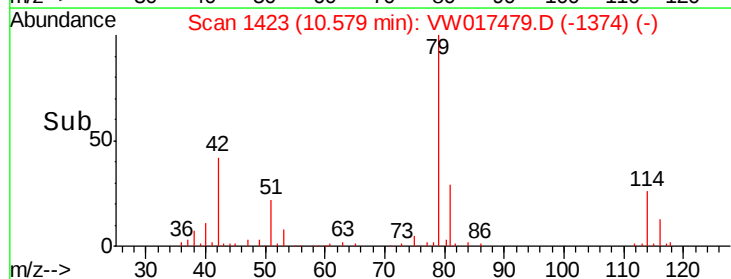
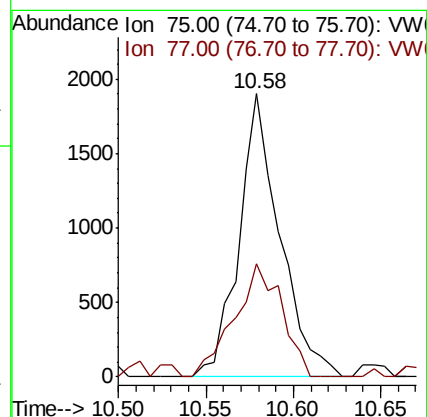
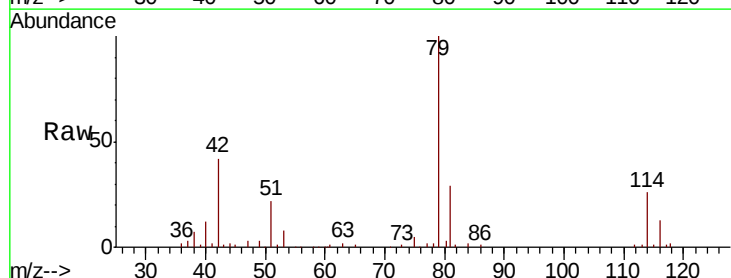
Acq: 24 Nov 2020 17:55

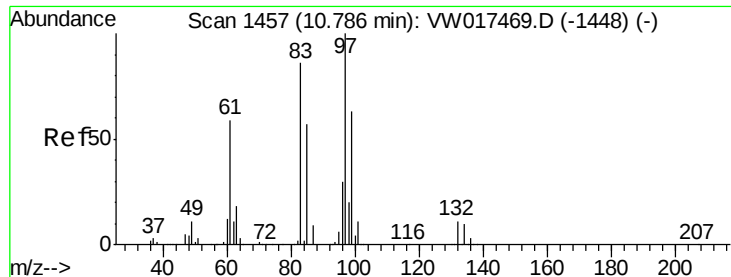
Tgt Ion: 75 Resp: 3078

Ion Ratio Lower Upper

75 100

77 40.0 22.6 42.0

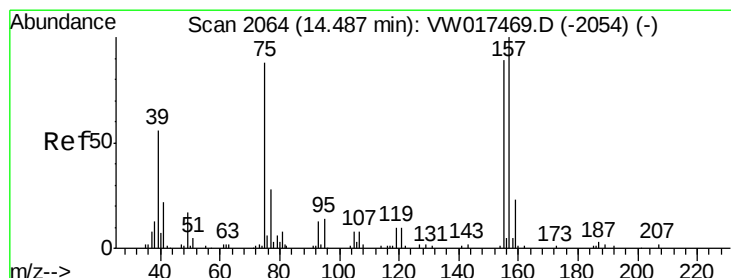
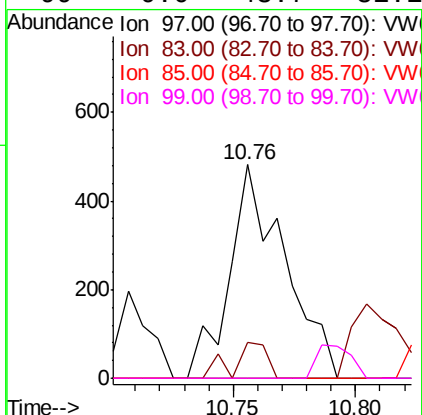
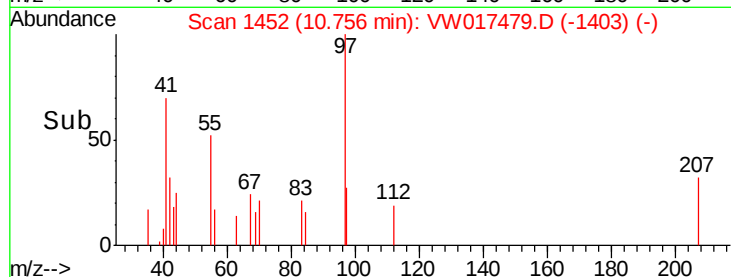
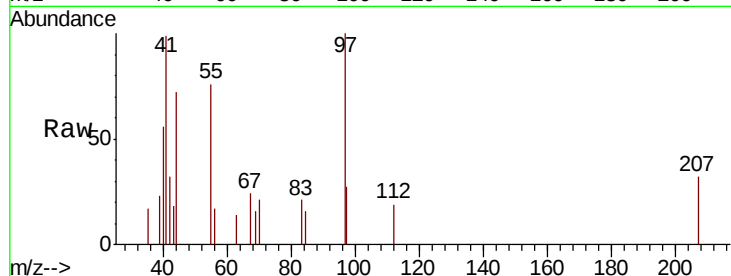




#46
 1,1,2-Trichloroethane
 Concen: 0.261 ug/L
 RT: 10.76 min Scan# 1452
 Delta R.T. -0.03 min
 Lab File: VW017479.D
 Acq: 24 Nov 2020 17:55

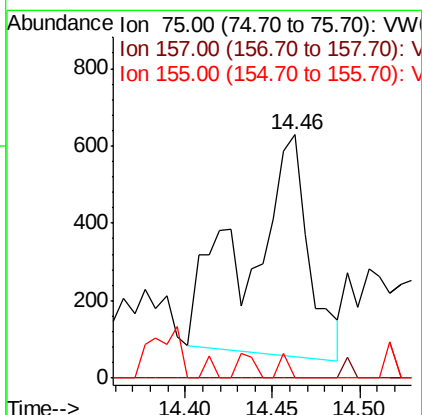
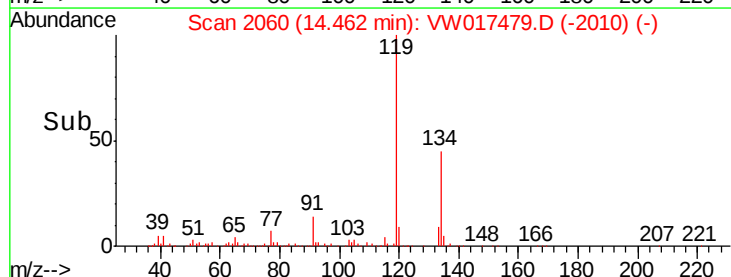
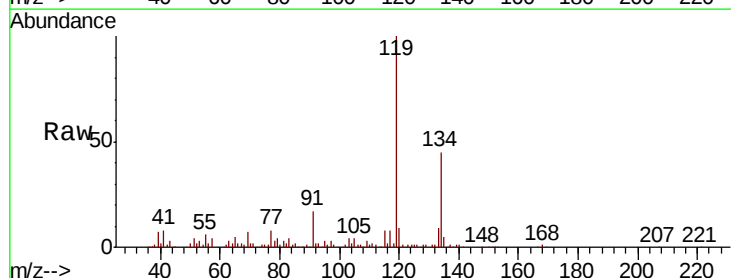
Instrument :
 MSVOA_W
 ClientSampleId :

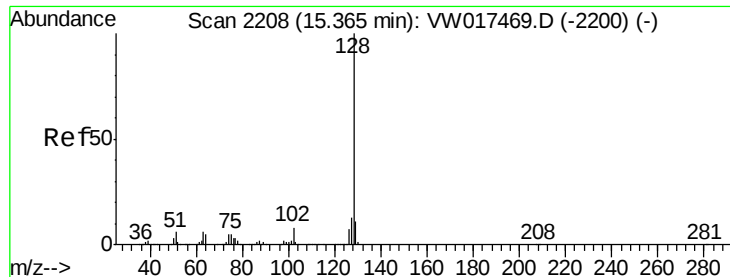
Tot Ion: 97 Resp: 758
 Ion Ratio Lower Upper
 97 100
 83 16.6 58.5 108.7#
 85 0.0 37.8 70.2#
 99 0.0 43.7 81.1#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 5.216 ug/L
 RT: 14.46 min Scan# 2060
 Delta R.T. -0.02 min
 Lab File: VW017479.D
 Acq: 24 Nov 2020 17:55

Tgt Ion: 75 Resp: 1384
 Ion Ratio Lower Upper
 75 100
 157 0.0 99.9 149.9#
 155 0.0 71.4 107.0#





#69

Naphthalene

Concen: 6.165 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW017479.D

Acq: 24 Nov 2020 17:55

Instrument :

MSVOA_W

ClientSampleId :

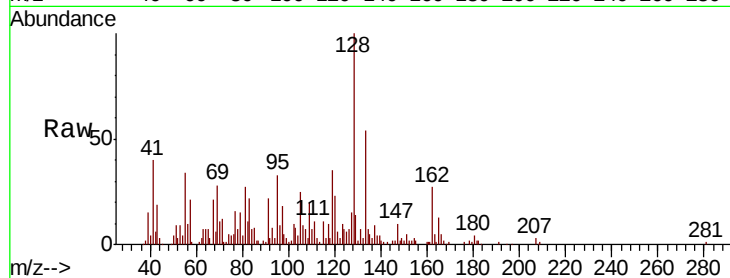
Tot Ion:128 Resp: 26084

Ion Ratio Lower Upper

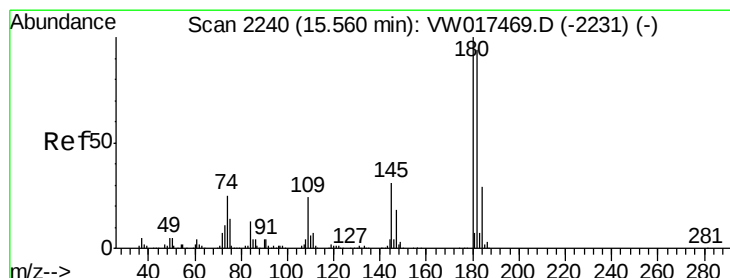
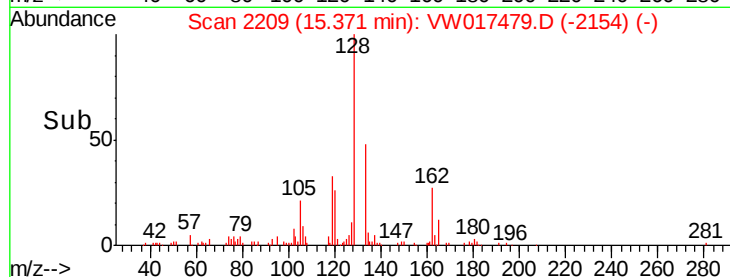
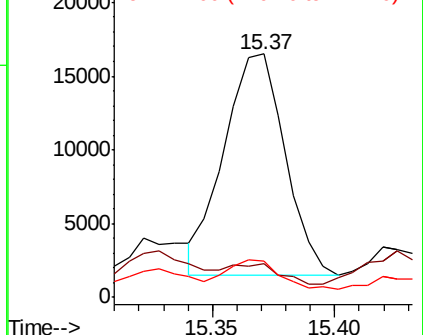
128 100

129 8.7 8.7 13.1#

127 11.5 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 1.063 ug/L

RT: 15.57 min Scan# 2241

Delta R.T. 0.01 min

Lab File: VW017479.D

Acq: 24 Nov 2020 17:55

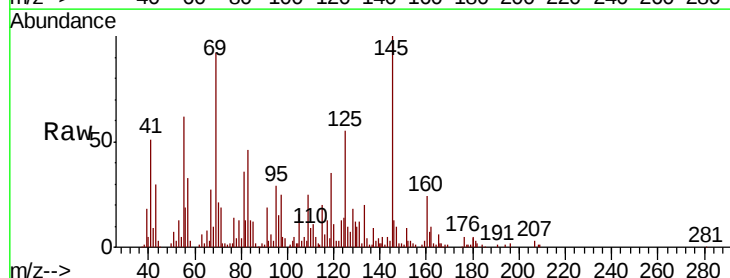
Tgt Ion:180 Resp: 2429

Ion Ratio Lower Upper

180 100

182 15.5 74.7 112.1#

145 1705.1 25.4 38.0#



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

