

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112420\
 Data File : VW017480.D
 Acq On : 24 Nov 2020 18:18
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 25 01:48:11 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	461801	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	424359	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	208292	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	99323	16.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.40%
7) Chloroethane-d5	2.90	69	88837	17.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.32%
10) 1,1-Dichloroethene-d2	4.03	63	178886	13.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.92%
20) 2-Butanone-d5	7.09	46	60794	47.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.92%
24) Chloroform-d	7.65	84	256780	19.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.28%
26) 1,2-Dichloroethane-d4	8.30	65	133051	20.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.68%
29) Benzene-d6	8.28	84	506603	19.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.64%
33) 1,2-Dichloropropane-d6	9.27	67	147322	20.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.60%
37) Toluene-d8	10.33	98	472697	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.56%
38) trans-1,3-Dichloropropene-	10.58	79	63981	19.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.32%
39) 2-Hexanone-d5	10.93	63	44319	49.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117416	22.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	175146	22.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.84%

Target Compounds

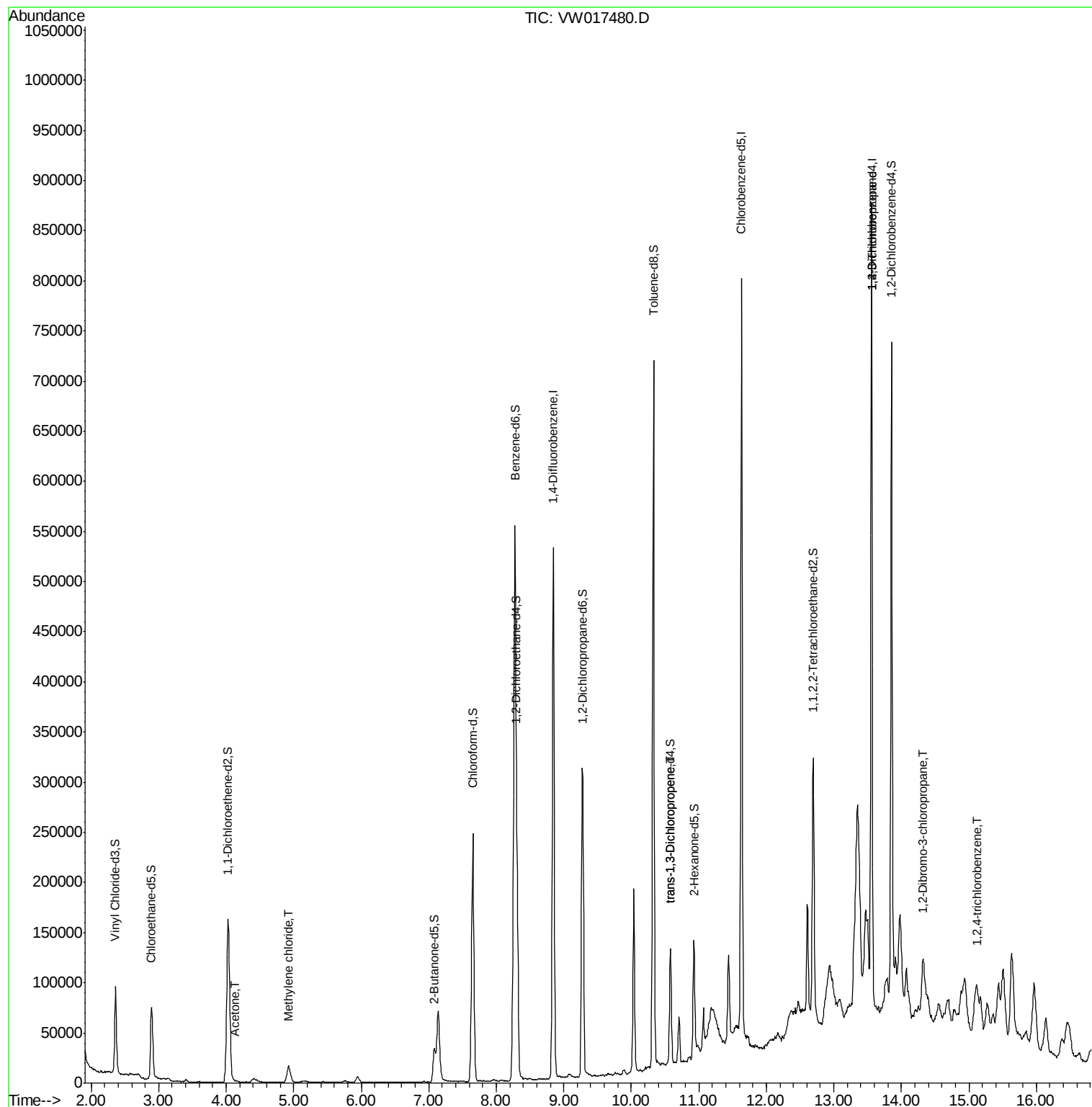
					Ovalue
13) Acetone	4.13	43	1796	1.457 ug/L	69
16) Methylene chloride	4.93	84	13498	1.947 ug/L	90
45) trans-1,3-Dichloropropene	10.59	75	3569	0.449 ug/L	83
59) 1,2,3-Trichloropropane	13.56	75	24661	6.915 ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.32	75	2942	3.906 ug/L #	1
68) 1,2,4-trichlorobenzene	15.13	180	1759	0.226 ug/L #	60

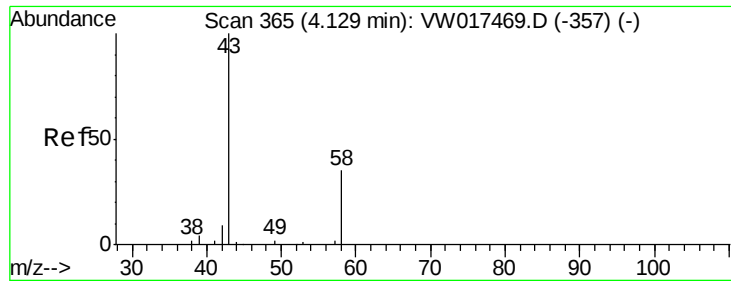
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/10ML/MSVOA W/SOIL
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Quant Time: Nov 25 01:48:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 25 01:45:49 2020
Response via : Initial Calibration

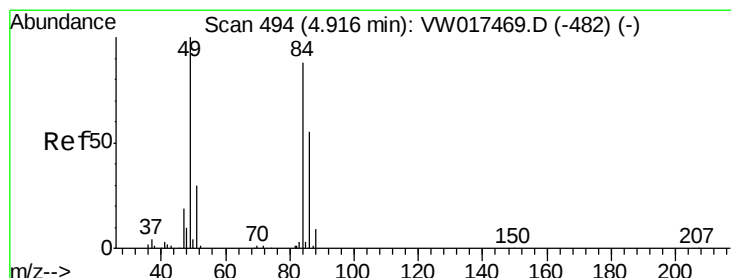
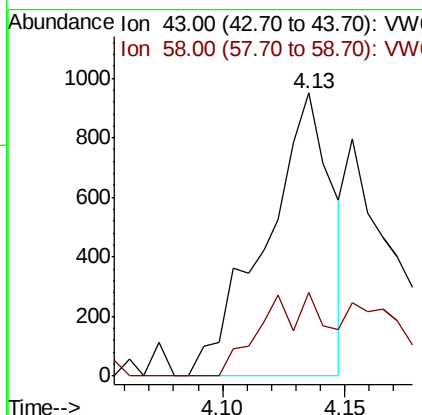
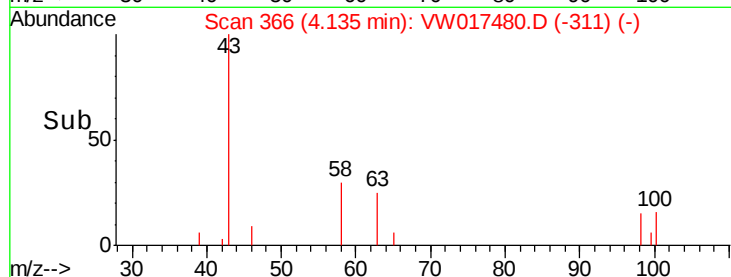
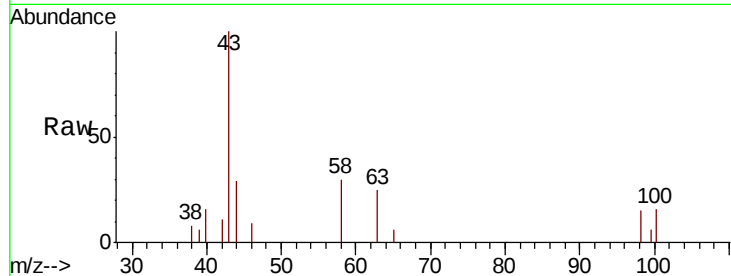




#13
Acetone
Concen: 1.457 ug/L
RT: 4.13 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW017480.D
Acq: 24 Nov 2020 18:18

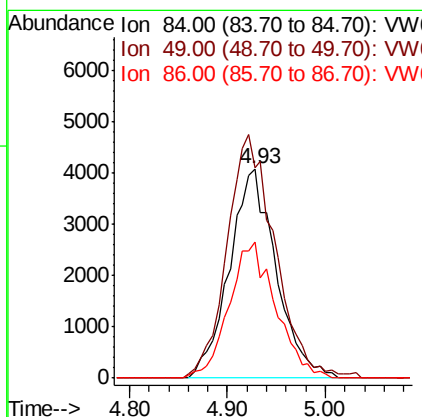
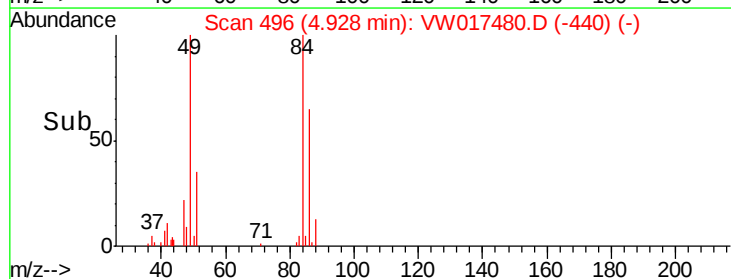
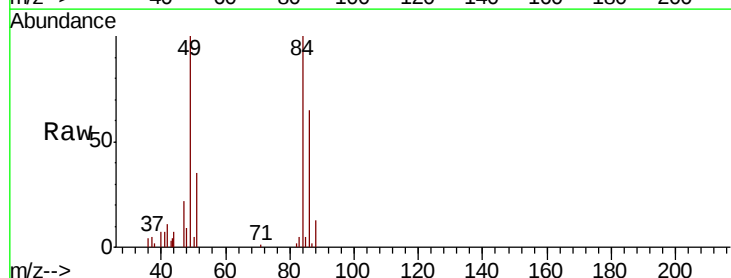
Instrument :
MSVOA_W
ClientSampled :

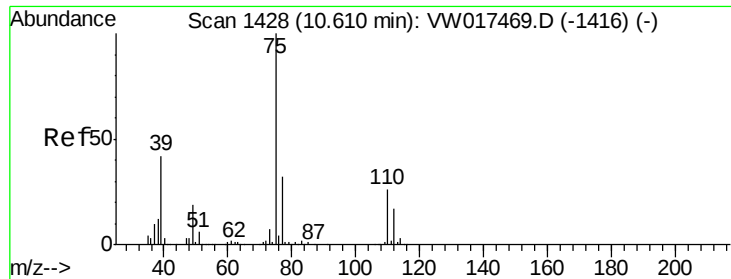
Tot Ion: 43 Resp: 1796
Ion Ratio Lower Upper
43 100
58 16.1 0.0 68.4



#16
Methylene chloride
Concen: 1.947 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017480.D
Acq: 24 Nov 2020 18:18

Tgt Ion: 84 Resp: 13498
Ion Ratio Lower Upper
84 100
49 100.5 81.2 150.8
86 65.3 44.5 82.7





#45

trans-1,3-Dichloropropene

Concen: 0.449 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017480.D

Acq: 24 Nov 2020 18:18

Instrument :

MSVOA_W

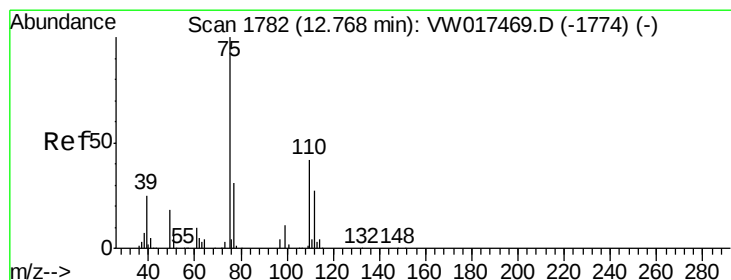
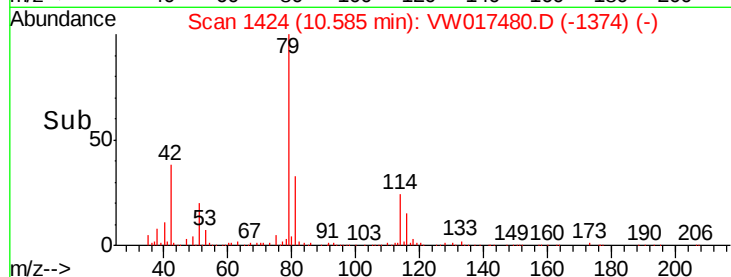
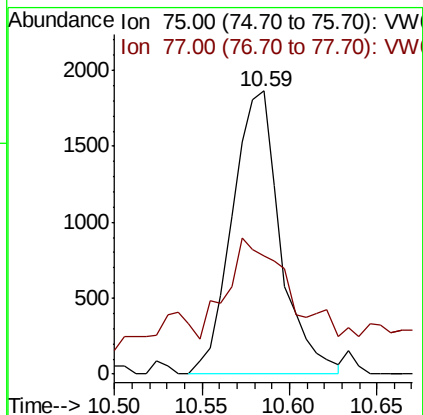
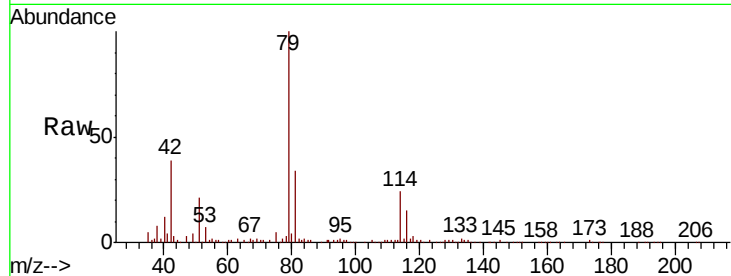
ClientSampleId :

Tot Ion: 75 Resp: 3569

Ion Ratio Lower Upper

75 100

77 41.9 22.6 42.0



#59

1,2,3-Trichloropropane

Concen: 6.915 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017480.D

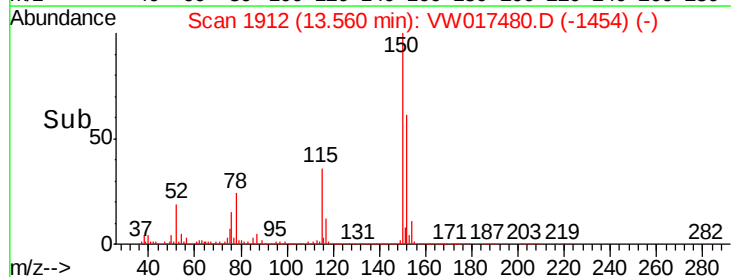
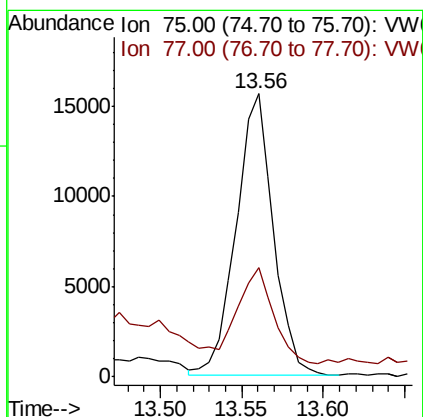
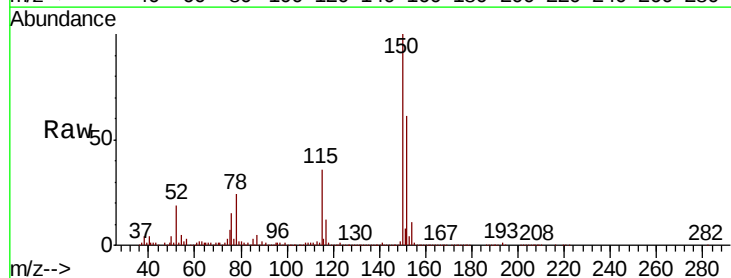
Acq: 24 Nov 2020 18:18

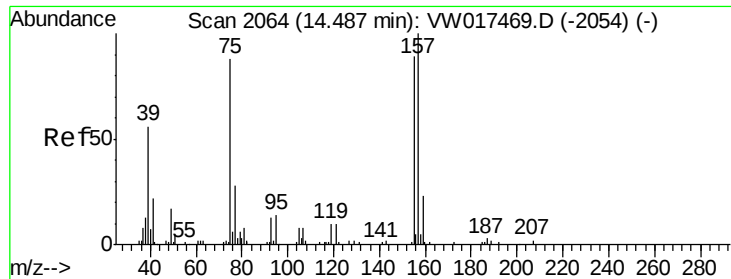
Tgt Ion: 75 Resp: 24661

Ion Ratio Lower Upper

75 100

77 32.5 26.6 39.8

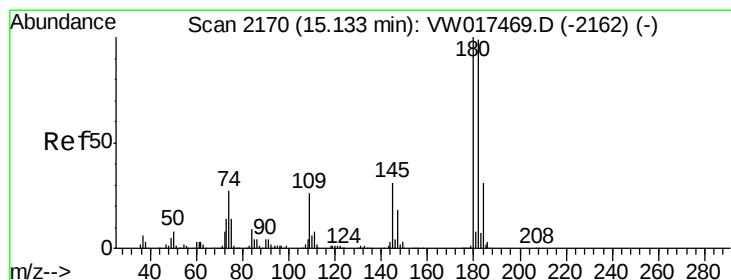
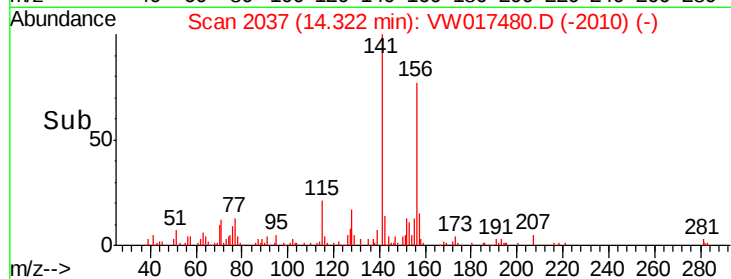
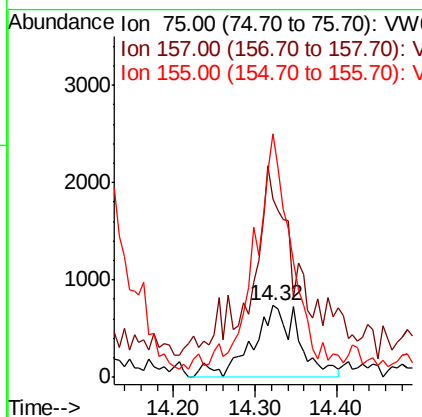
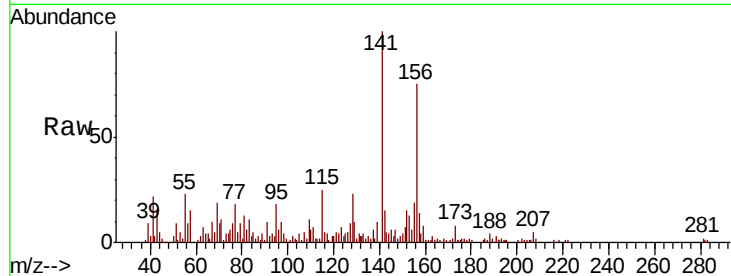




#66
 1,2-Dibromo-3-chloropropane
 Concen: 3.906 ug/L
 RT: 14.32 min Scan# 2037
 Delta R.T. -0.16 min
 Lab File: VW017480.D
 Acq: 24 Nov 2020 18:18

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 2942
 Ion Ratio Lower Upper
 75 100
 157 248.4 99.9 149.9#
 155 338.0 71.4 107.0#



#68
 1,2,4-trichlorobenzene
 Concen: 0.226 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW017480.D
 Acq: 24 Nov 2020 18:18

Tgt Ion: 180 Resp: 1759
 Ion Ratio Lower Upper
 180 100
 182 129.4 71.3 106.9#
 145 13.3 24.0 36.0#

