

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092520\
 Data File : VW016648.D
 Acq On : 24 Sep 2020 19:11
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK11

Quant Time: Sep 25 08:04:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 07:55:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	548352	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	474028	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	231721	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	78887	14.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.44%
7) Chloroethane-d5	2.91	69	69976	16.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.60%
10) 1,1-Dichloroethene-d2	4.03	63	135162	11.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.56%
20) 2-Butanone-d5	7.09	46	52235	36.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.20%
24) Chloroform-d	7.66	84	227963	19.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.48%
26) 1,2-Dichloroethane-d4	8.31	65	120120	20.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.60%
29) Benzene-d6	8.28	84	406174	19.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.44%
33) 1,2-Dichloropropane-d6	9.28	67	117152	20.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.32%
37) Toluene-d8	10.33	98	372558	17.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.24%
38) trans-1,3-Dichloropropene-	10.59	79	53311	18.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.44%
39) 2-Hexanone-d5	10.93	63	43018	41.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100579	20.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	162549	21.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.80%

Target Compounds

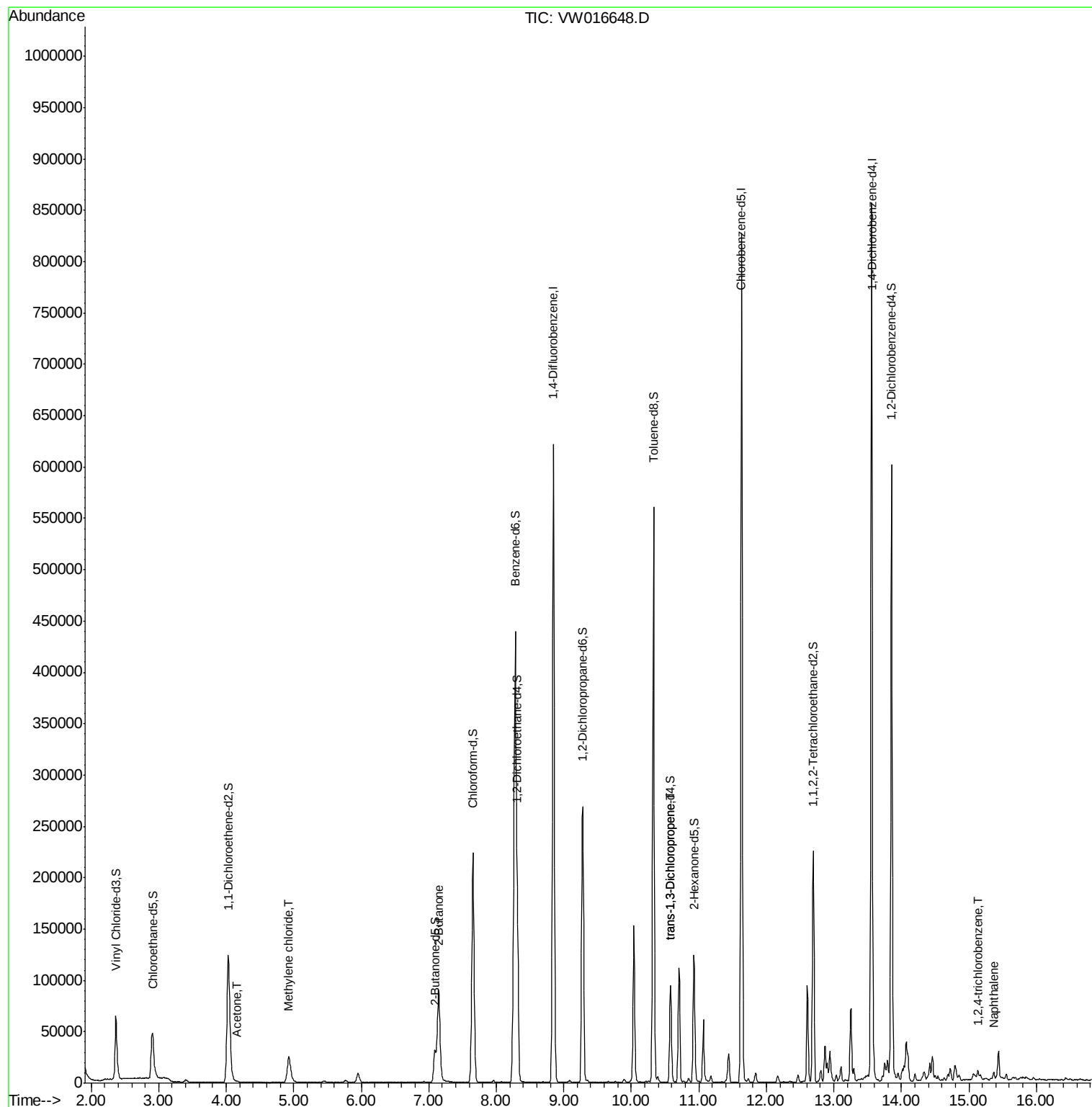
					Ovalue
13) Acetone	4.16	43	1063	0.938 ug/L	77
16) Methylene chloride	4.92	84	22069	2.609 ug/L	98
21) 2-Butanone	7.15	43	4971	2.578 ug/L #	53
45) trans-1,3-Dichloropropene	10.58	75	3084	0.351 ug/L #	80
68) 1,2,4-trichlorobenzene	15.13	180	2949	0.331 ug/L #	90
69) Naphthalene	15.37	128	6670	0.422 ug/L	98

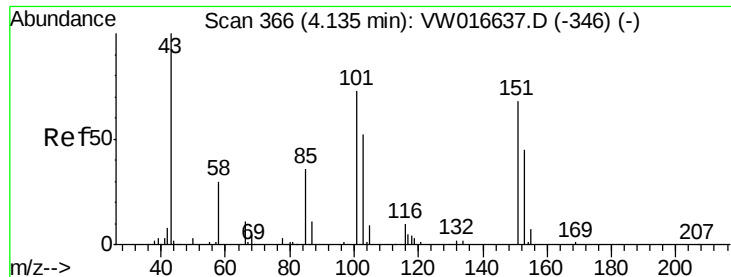
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016648.D
Acq On : 24 Sep 2020 19:11
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK11

Quant Time: Sep 25 08:04:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 25 07:55:30 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.938 ug/L

RT: 4.16 min Scan# 370

Delta R.T. 0.02 min

Lab File: VW016648.D

Acq: 24 Sep 2020 19:11

Instrument :

MSVOA_W

ClientSampled :

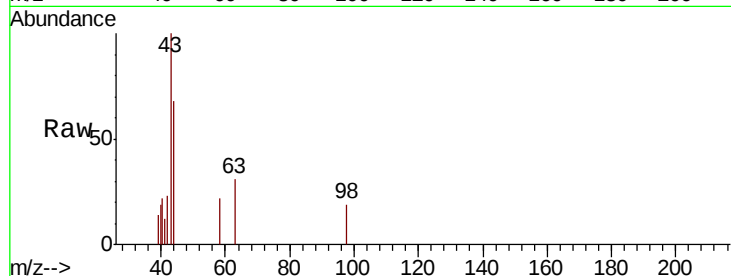
VIBLK11

Tot Ion: 43 Resp: 1063

Ion Ratio Lower Upper

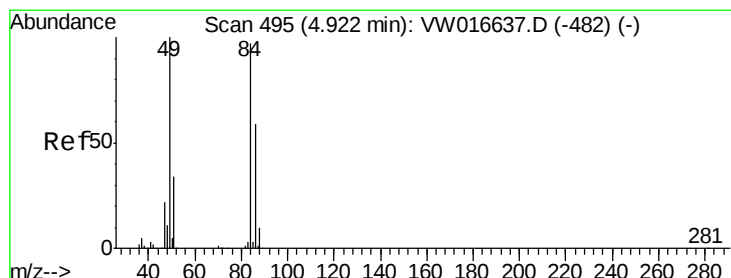
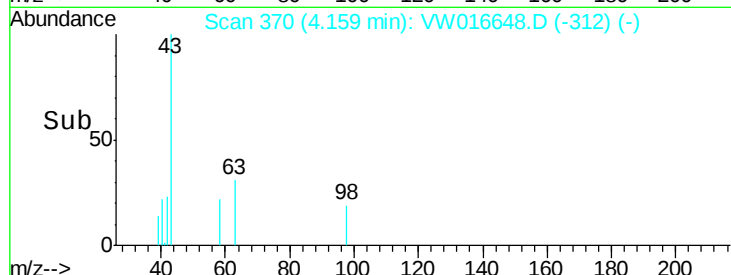
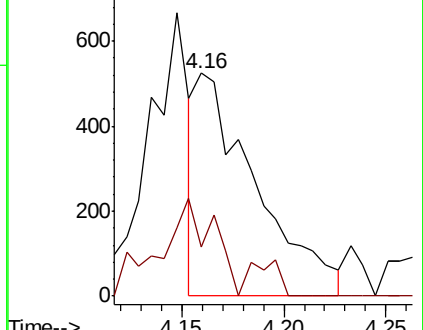
43 100

58 17.5 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.609 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW016648.D

Acq: 24 Sep 2020 19:11

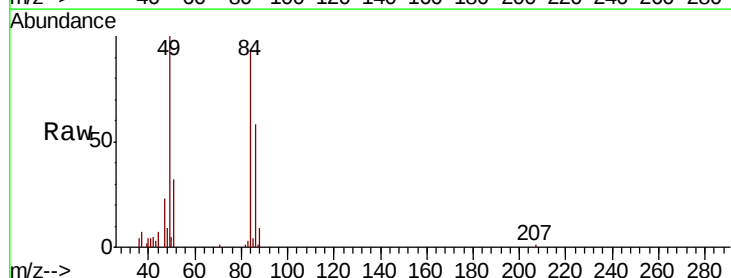
Tgt Ion: 84 Resp: 22069

Ion Ratio Lower Upper

84 100

49 107.5 76.0 141.2

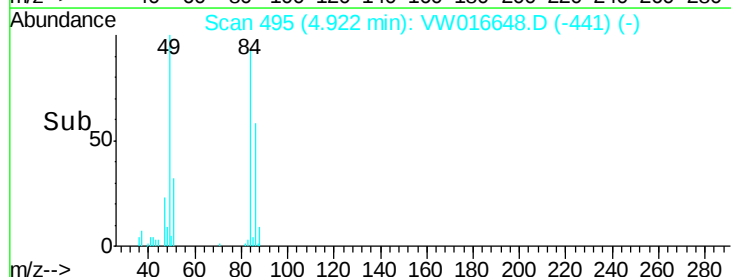
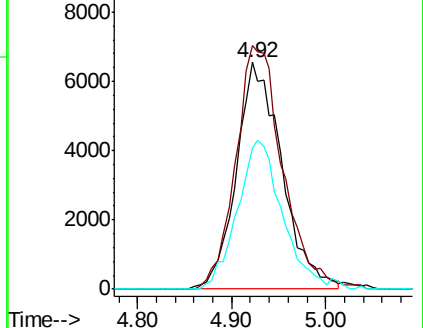
86 62.5 45.6 84.6

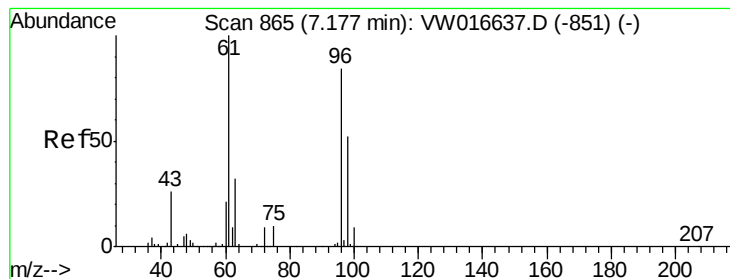


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 2.578 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW016648.D

Acq: 24 Sep 2020 19:11

Instrument :

MSVOA_W

ClientSampleId :

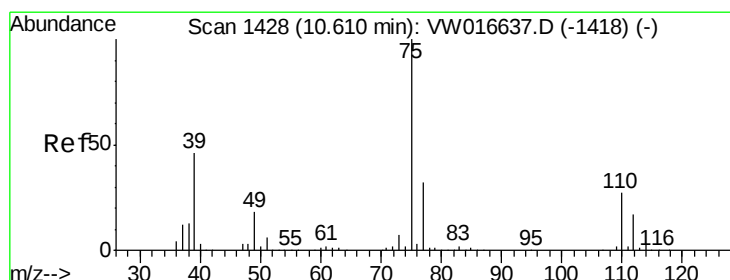
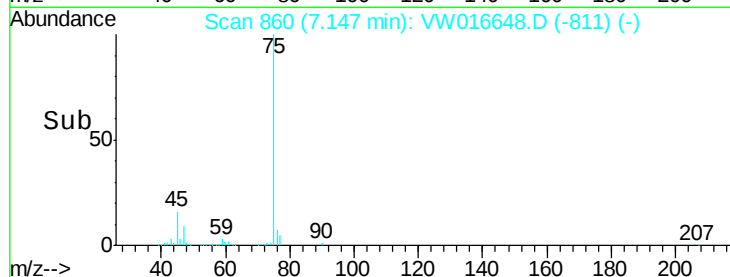
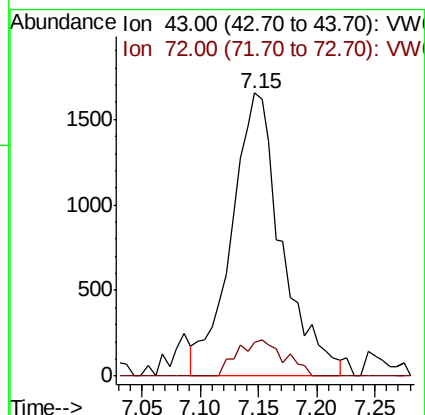
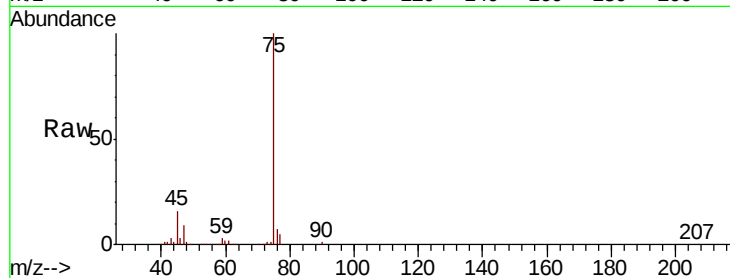
VIBLK11

Tot Ion: 43 Resp: 4971

Ion Ratio Lower Upper

43 100

72 4.1 14.6 43.8#



#45

trans-1,3-Dichloropropene

Concen: 0.351 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016648.D

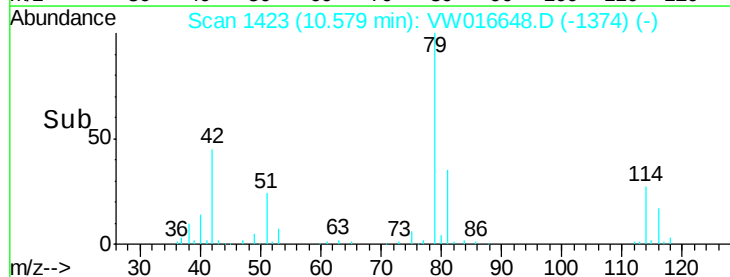
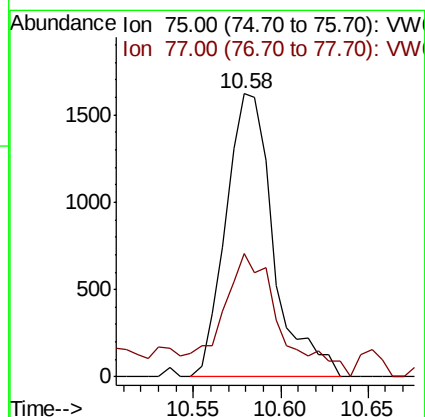
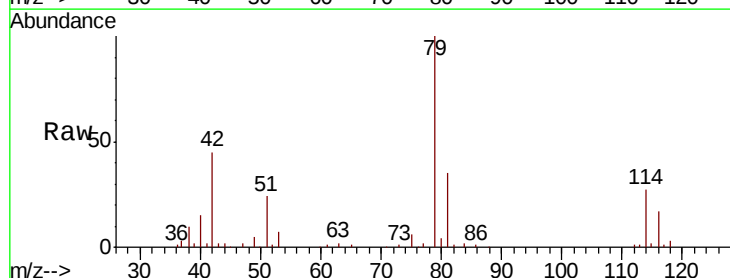
Acq: 24 Sep 2020 19:11

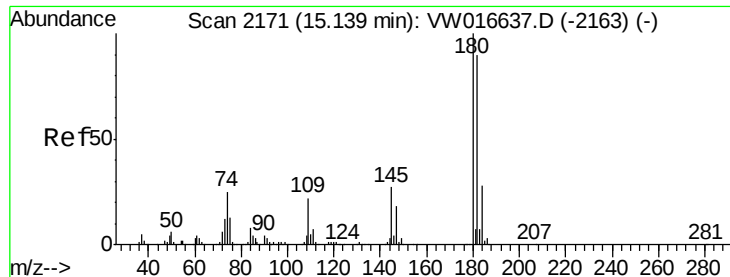
Tgt Ion: 75 Resp: 3084

Ion Ratio Lower Upper

75 100

77 43.4 22.5 41.9#

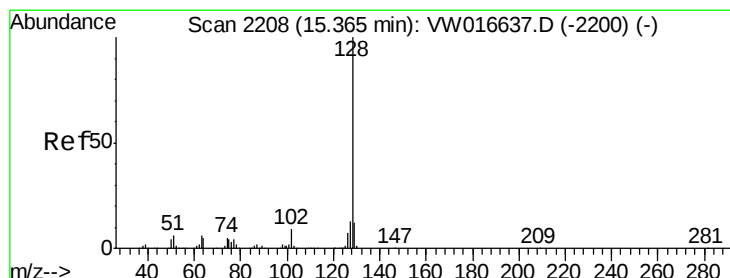
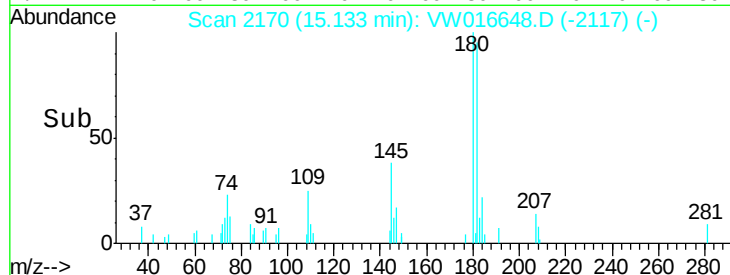
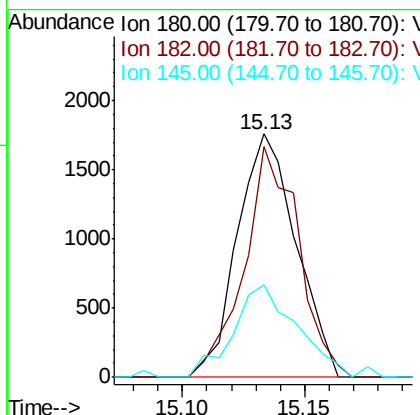
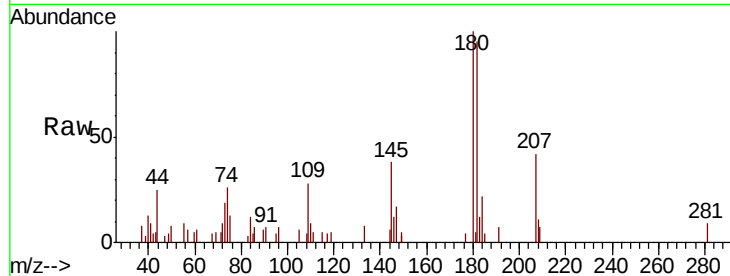




#68
 1,2,4-trichlorobenzene
 Concen: 0.331 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW016648.D
 Acq: 24 Sep 2020 19:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK11

Tot Ion:180 Resp: 2949
 Ion Ratio Lower Upper
 180 100
 182 87.6 74.5 111.7
 145 41.2 23.1 34.7#



#69
 Naphthalene
 Concen: 0.422 ug/L
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.01 min
 Lab File: VW016648.D
 Acq: 24 Sep 2020 19:11

Tgt Ion:128 Resp: 6670
 Ion Ratio Lower Upper
 128 100
 129 10.4 8.9 13.3
 127 14.0 10.8 16.2

