

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112420\
 Data File : VW017471.D
 Acq On : 24 Nov 2020 14:47
 Operator : SY/VA
 Sample : VW1124SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 25 01:47:10 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	430774	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	395398	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	192527	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	129605	22.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.48%
7) Chloroethane-d5	2.90	69	106472	22.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.08%
10) 1,1-Dichloroethene-d2	4.03	63	221331	17.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.16%
20) 2-Butanone-d5	7.08	46	59329	49.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.30%
24) Chloroform-d	7.65	84	281784	23.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.12%
26) 1,2-Dichloroethane-d4	8.31	65	145437	24.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.88%
29) Benzene-d6	8.28	84	576402	23.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.84%
33) 1,2-Dichloropropane-d6	9.28	67	162014	24.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.32%
37) Toluene-d8	10.33	98	533646	24.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.40%
38) trans-1,3-Dichloropropene-	10.58	79	68366	22.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.96%
39) 2-Hexanone-d5	10.93	63	41862	50.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117481	24.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	190394	26.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.84%

Target Compounds

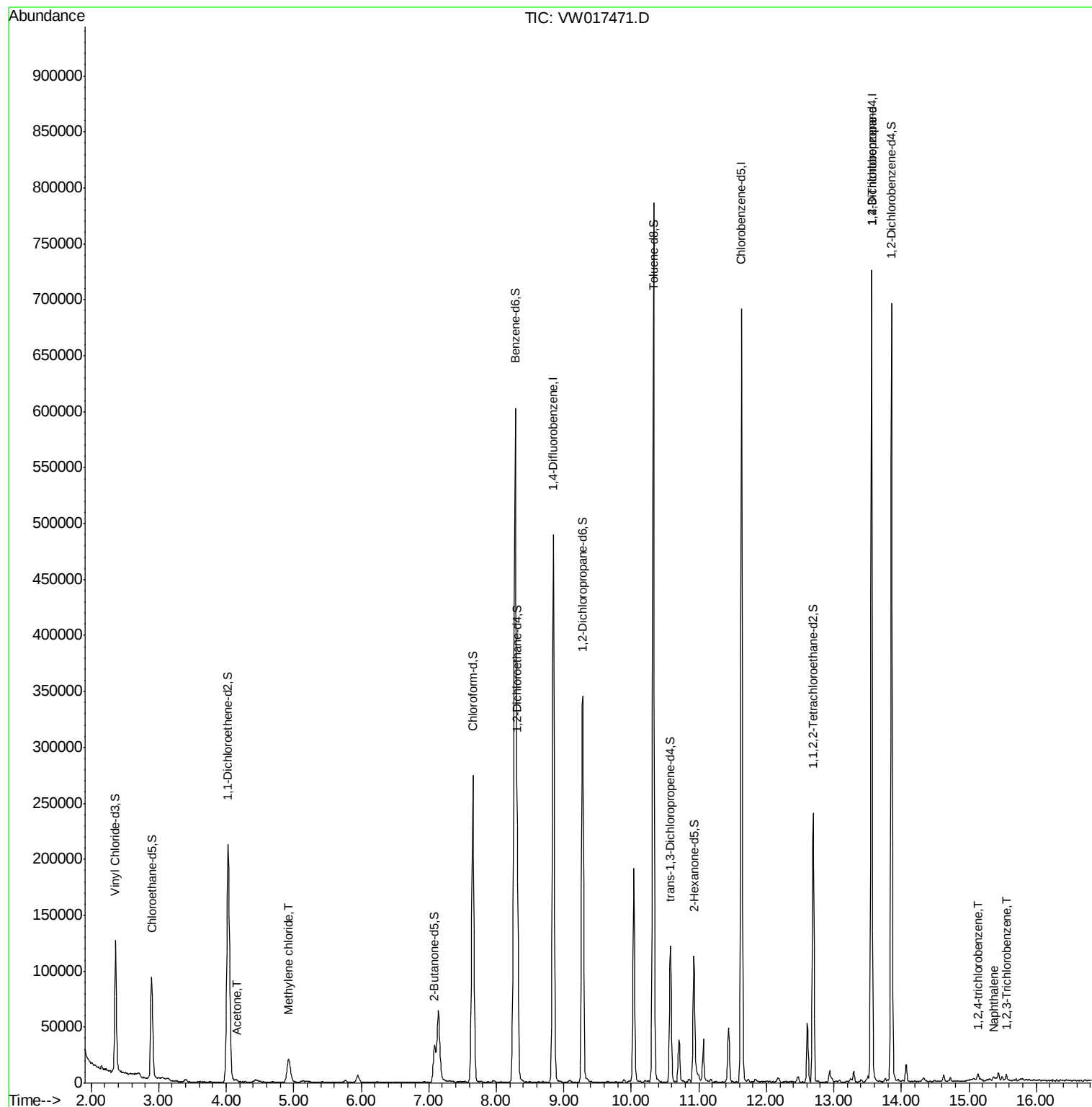
					Ovalue
13) Acetone	4.15	43	1984	1.725 ug/L	97
16) Methylene chloride	4.93	84	18032	2.788 ug/L	89
59) 1,2,3-Trichloropropane	13.56	75	22156	6.668 ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	1818	0.253 ug/L	99
69) Naphthalene	15.36	128	2947	0.265 ug/L #	81
70) 1,2,3-Trichlorobenzene	15.55	180	1905	0.318 ug/L	98

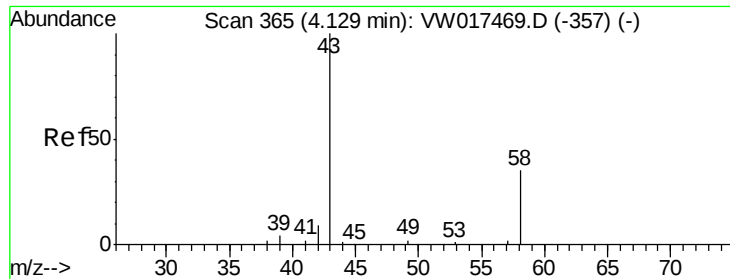
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Nov 25 01:45:49 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.725 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW017471.D

Acq: 24 Nov 2020 14:47

Instrument :

MSVOA_W

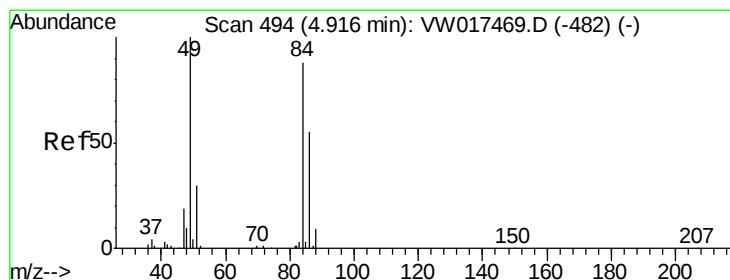
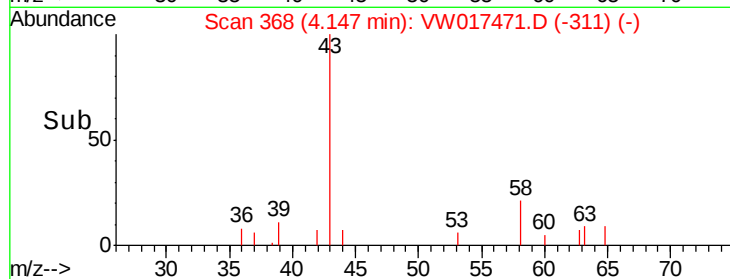
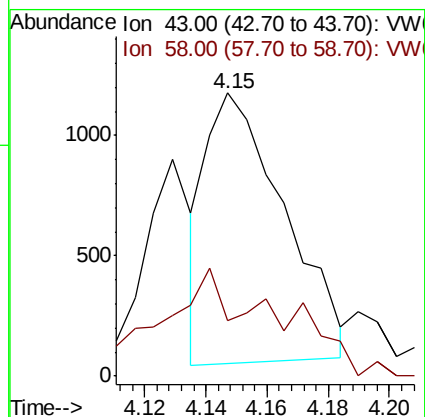
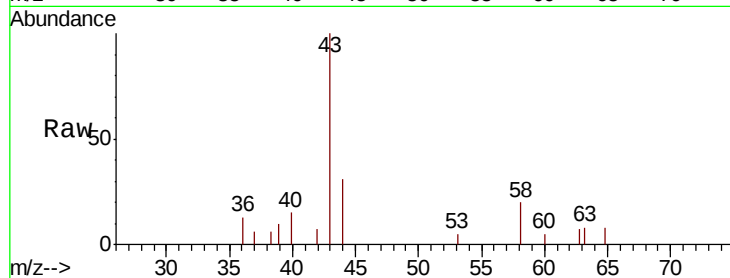
ClientSampled :

Tot Ion: 43 Resp: 1984

Ion Ratio Lower Upper

43 100

58 32.4 0.0 68.4



#16

Methylene chloride

Concen: 2.788 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017471.D

Acq: 24 Nov 2020 14:47

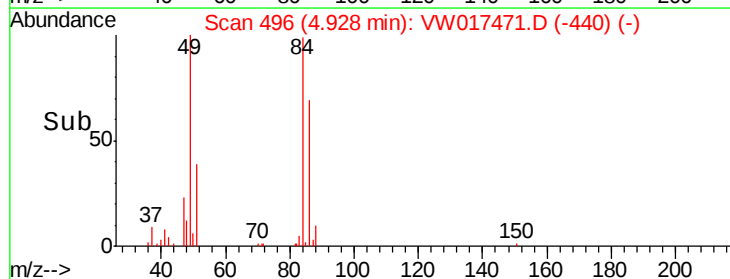
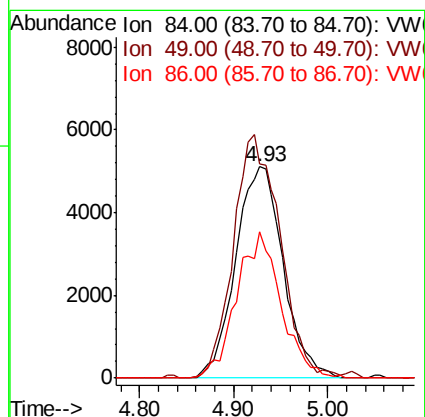
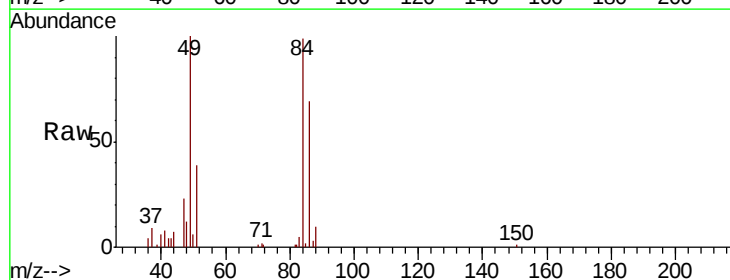
Tgt Ion: 84 Resp: 18032

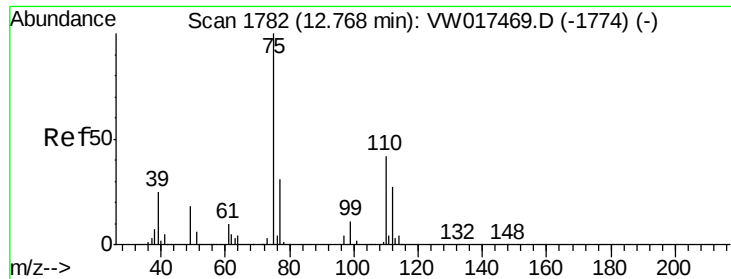
Ion Ratio Lower Upper

84 100

49 101.4 81.2 150.8

86 69.5 44.5 82.7





#59

1,2,3-Trichloropropane

Concen: 6.668 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017471.D

Acq: 24 Nov 2020 14:47

Instrument :

MSVOA_W

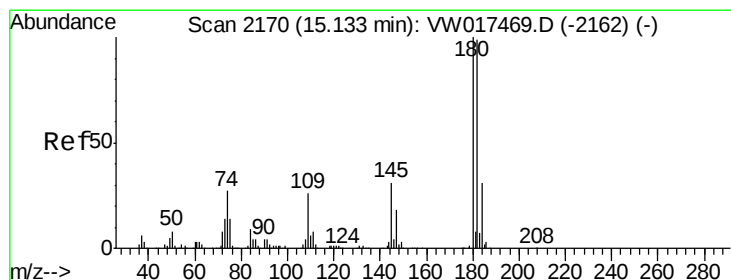
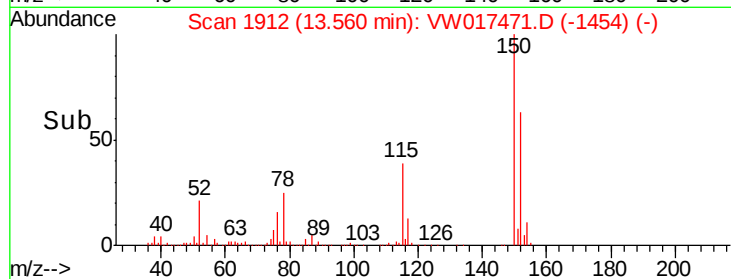
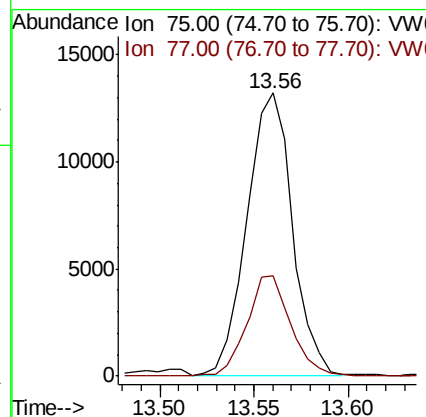
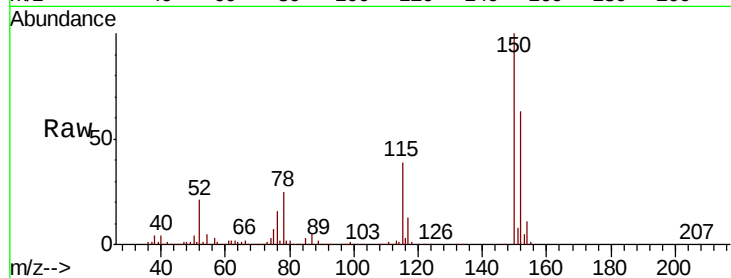
ClientSampled :

Tot Ion: 75 Resp: 22156

Ion Ratio Lower Upper

75 100

77 34.0 26.6 39.8



#68

1,2,4-trichlorobenzene

Concen: 0.253 ug/L

RT: 15.14 min Scan# 2171

Delta R.T. 0.01 min

Lab File: VW017471.D

Acq: 24 Nov 2020 14:47

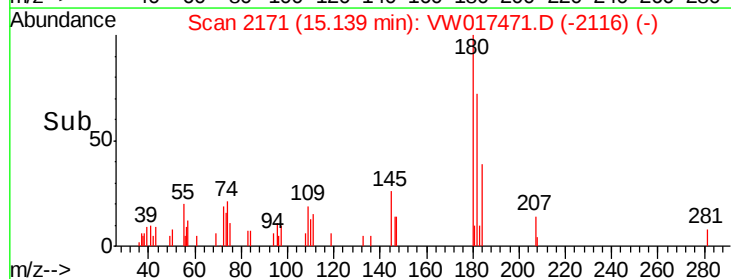
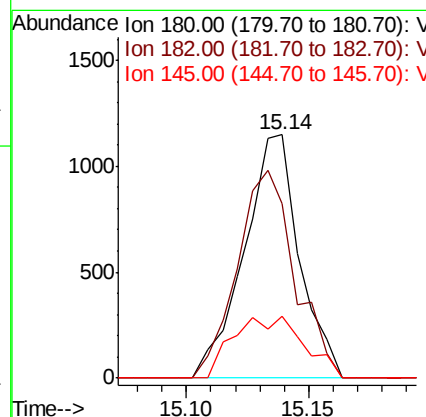
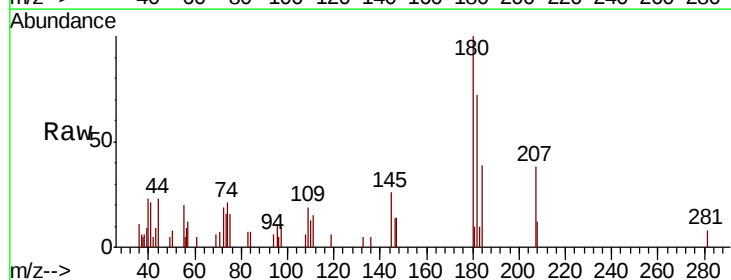
Tgt Ion: 180 Resp: 1818

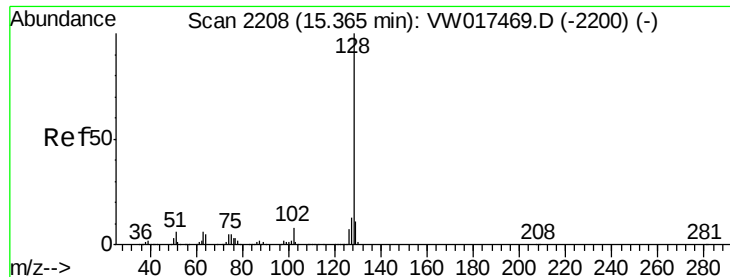
Ion Ratio Lower Upper

180 100

182 88.7 71.3 106.9

145 32.2 24.0 36.0





#69

Naphthalene

Concen: 0.265 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW017471.D

Acq: 24 Nov 2020 14:47

Instrument :

MSVOA_W

ClientSampled :

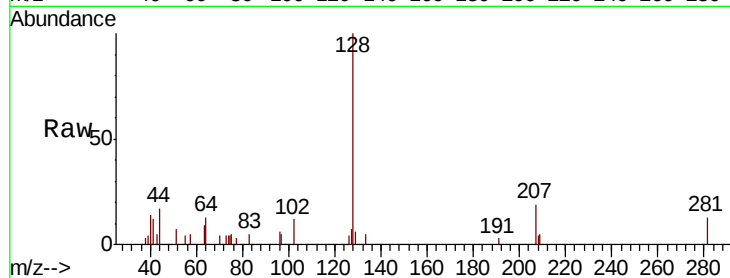
Tot Ion:128 Resp: 2947

Ion Ratio Lower Upper

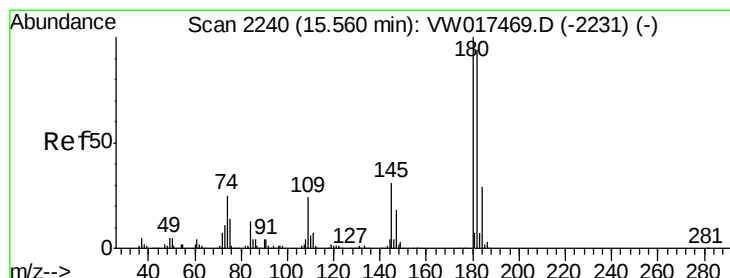
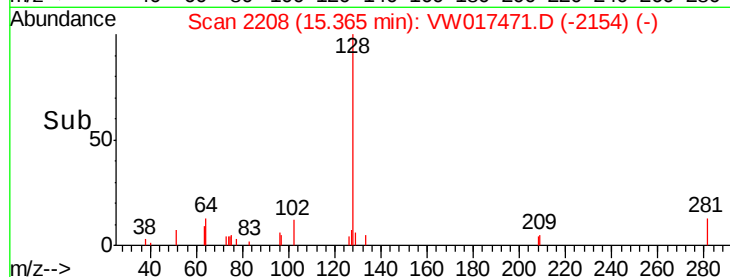
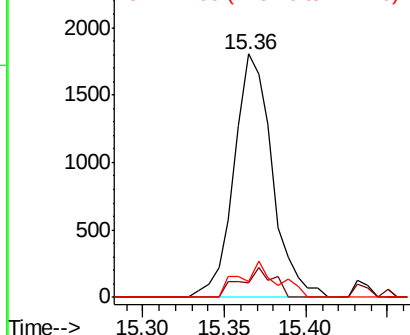
128 100

129 6.2 8.7 13.1#

127 3.9 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: 0.318 ug/L

RT: 15.55 min Scan# 2238

Delta R.T. -0.01 min

Lab File: VW017471.D

Acq: 24 Nov 2020 14:47

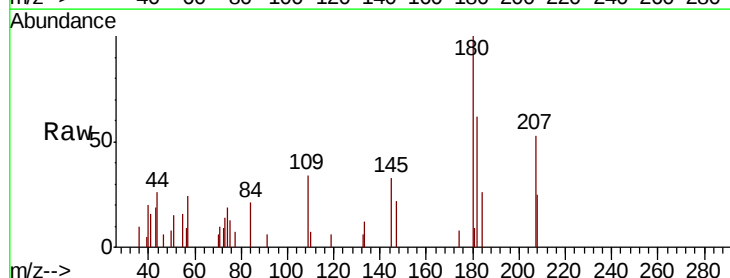
Tgt Ion:180 Resp: 1905

Ion Ratio Lower Upper

180 100

182 91.2 74.7 112.1

145 30.2 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

