

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102320\
 Data File : VW016983.D
 Acq On : 23 Oct 2020 15:17
 Operator : SY/VA
 Sample : L4471-21
 Misc : 5.38G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 00:33:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 24 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	612247	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	551724	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	255424	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	163259	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.44%
7) Chloroethane-d5	2.89	69	123925	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.52%
10) 1,1-Dichloroethene-d2	4.02	63	232610	16.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.68%
20) 2-Butanone-d5	7.09	46	57181	42.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.92%
24) Chloroform-d	7.65	84	316655	22.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.68%
26) 1,2-Dichloroethane-d4	8.31	65	152912	23.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.04%
29) Benzene-d6	8.27	84	660978	23.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.28%
33) 1,2-Dichloropropane-d6	9.28	67	180070	23.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.16%
37) Toluene-d8	10.33	98	620187	23.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.96%
38) trans-1,3-Dichloropropene-	10.58	79	70032	21.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.28%
39) 2-Hexanone-d5	10.93	63	50014	46.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130816	22.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	218951	24.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.56%

Target Compounds

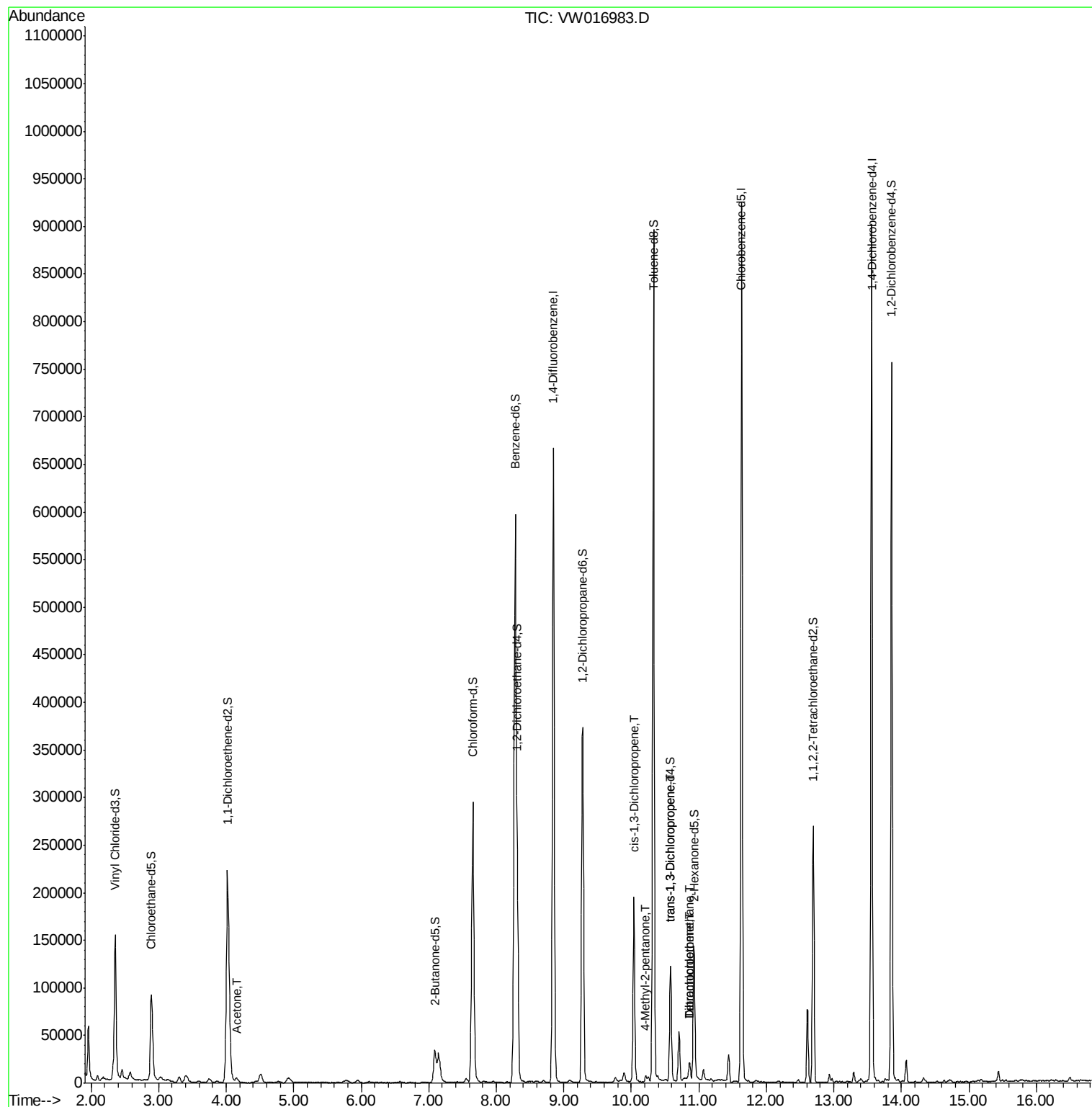
				Ovalue
13) Acetone	4.16	43	3876	4.328 ug/L 99
42) cis-1,3-Dichloropropene	10.04	75	4956	0.466 ug/L # 63
43) 4-Methyl-2-pentanone	10.21	43	4510	1.398 ug/L 98
45) trans-1,3-Dichloropropene	10.58	75	2933	0.333 ug/L 88
47) Tetrachloroethene	10.87	164	3897	0.502 ug/L 92
50) Dibromochloromethane	10.87	129	3879	0.584 ug/L # 10

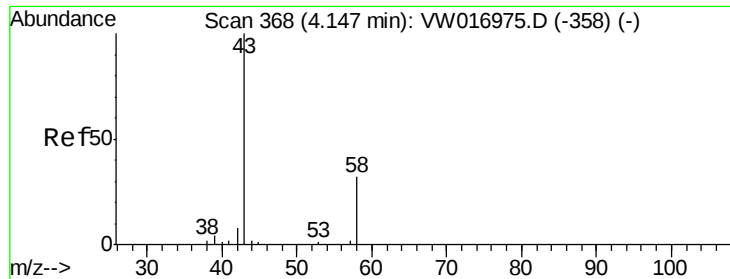
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 24 00:31:51 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.328 ug/L

RT: 4.16 min Scan# 370

Delta R.T. 0.01 min

Lab File: VW016983.D

Acq: 23 Oct 2020 15:17

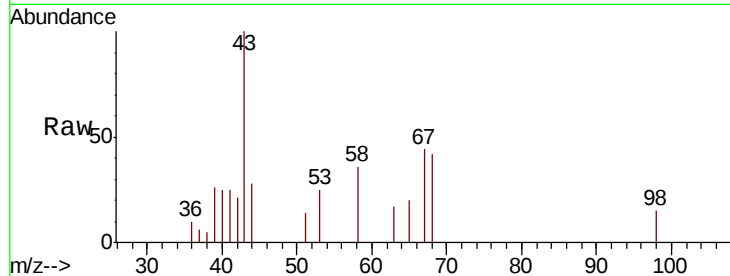
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 3876

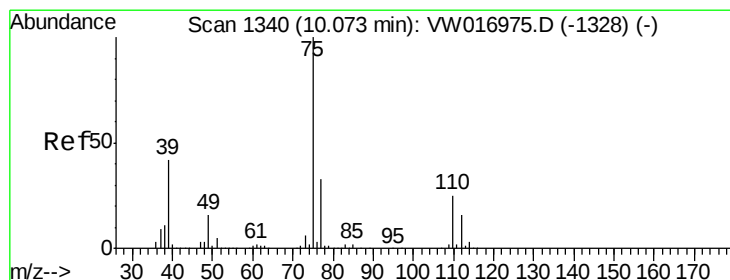
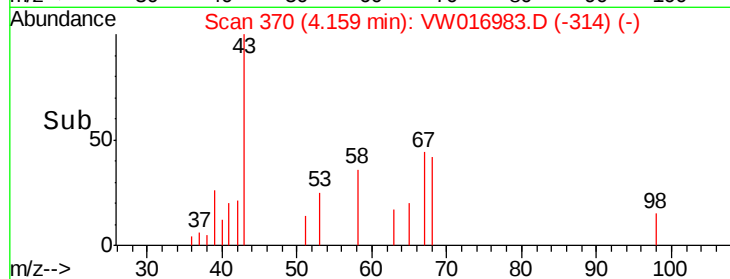
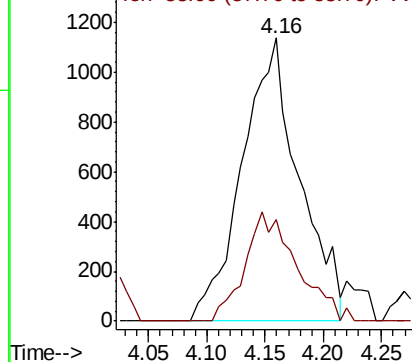
Ion Ratio Lower Upper

43 100

58 34.5 0.0 69.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.466 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016983.D

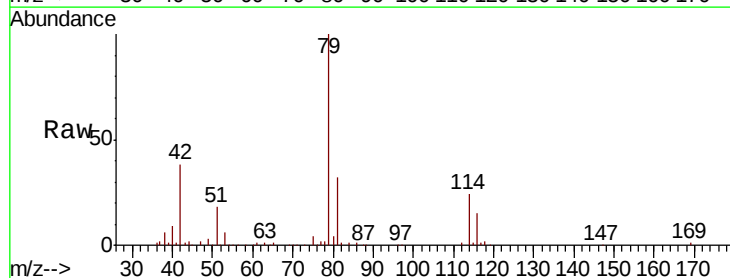
Acq: 23 Oct 2020 15:17

Tgt Ion: 75 Resp: 4956

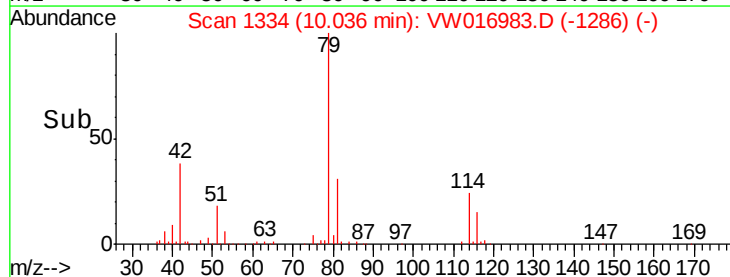
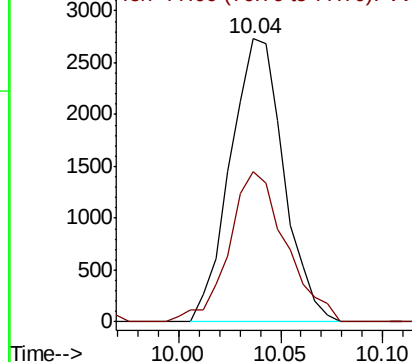
Ion Ratio Lower Upper

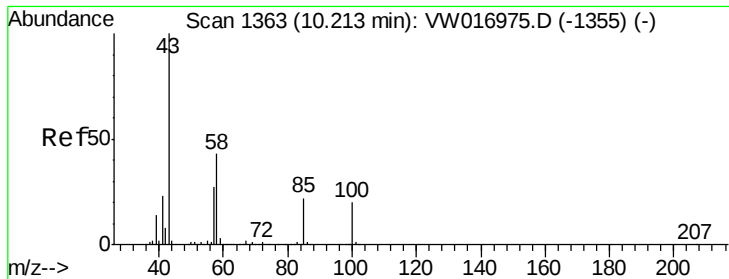
75 100

77 53.1 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW





#43

4-Methyl-2-pentanone

Concen: 1.398 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW016983.D

Acq: 23 Oct 2020 15:17

Instrument :

MSVOA_W

ClientSampleId :

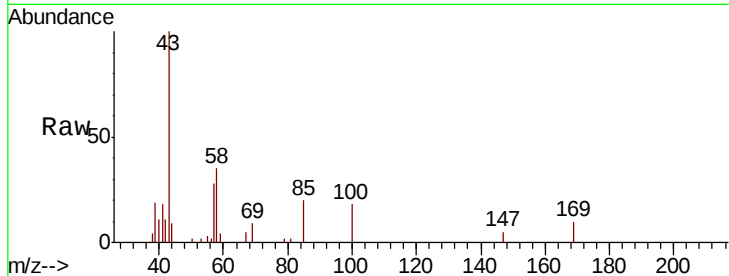
Tot Ion: 43 Resp: 4510

Ion Ratio Lower Upper

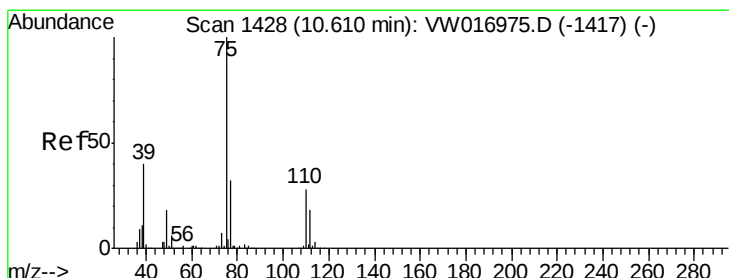
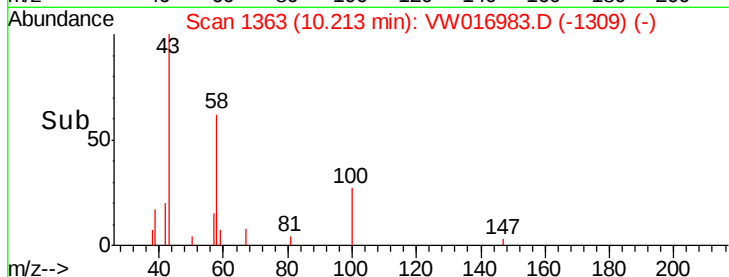
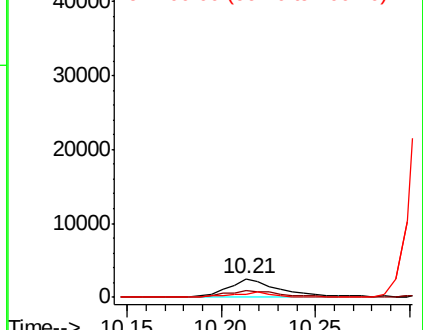
43 100

58 42.0 34.4 51.6

100 21.6 16.2 24.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW
Ion 100.00 (99.70 to 100.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.333 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016983.D

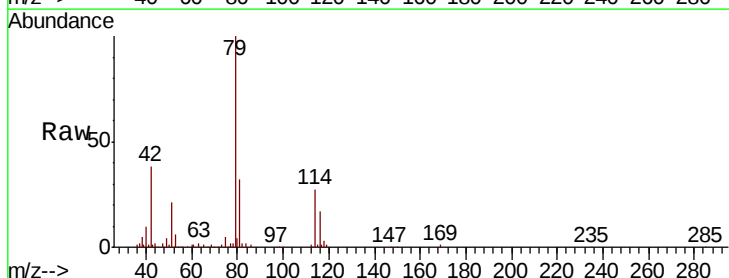
Acq: 23 Oct 2020 15:17

Tgt Ion: 75 Resp: 2933

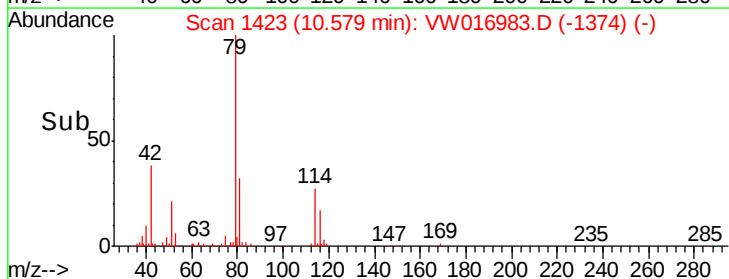
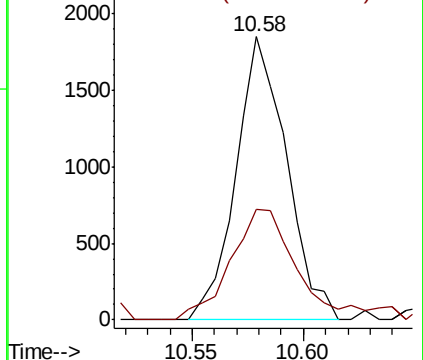
Ion Ratio Lower Upper

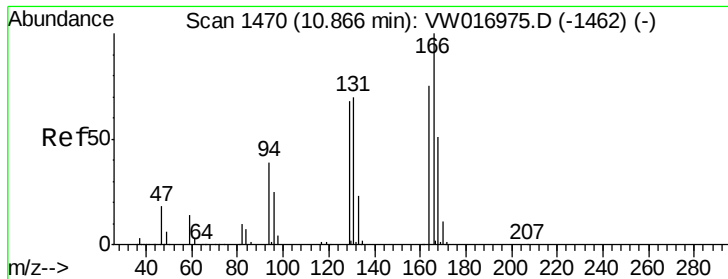
75 100

77 39.2 22.7 42.3



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW

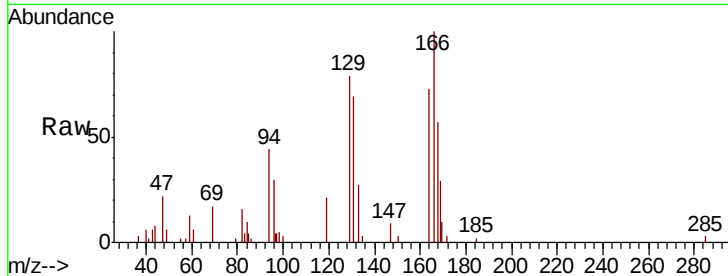




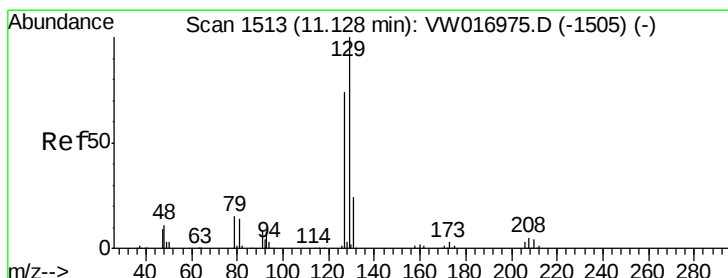
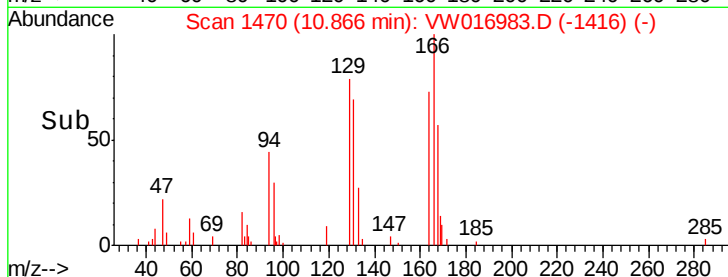
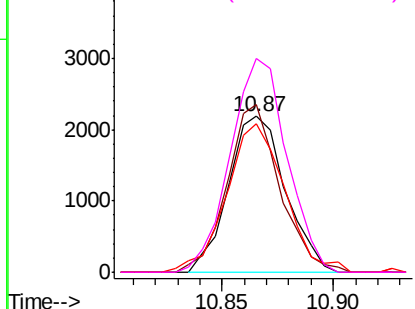
#47
Tetrachloroethene
Concen: 0.502 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016983.D
Acq: 23 Oct 2020 15:17

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:164 Resp: 3897
Ion Ratio Lower Upper
164 100
129 108.1 64.0 119.0
131 95.1 61.7 114.5
166 137.2 94.6 175.8

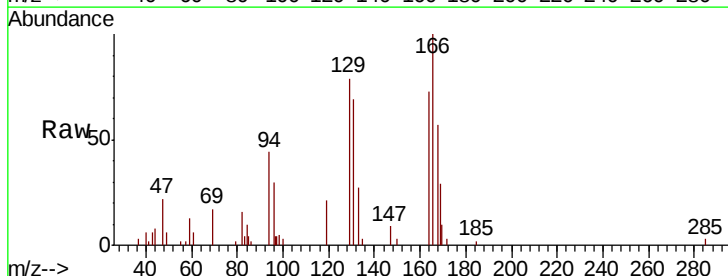


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#50
Dibromochloromethane
Concen: 0.584 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.26 min
Lab File: VW016983.D
Acq: 23 Oct 2020 15:17

Tgt Ion:129 Resp: 3879
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



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

