

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103020\
 Data File : VW017033.D
 Acq On : 30 Oct 2020 11:34
 Operator : SY/VA
 Sample : L4543-02RE
 Misc : 5.73G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 31 05:49:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 31 05:42:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	592916	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	496241	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	194459	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	135725	19.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.36%
7) Chloroethane-d5	2.90	69	110217	20.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.16%
10) 1,1-Dichloroethene-d2	4.02	63	200516	15.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.24%
20) 2-Butanone-d5	7.09	46	34838	27.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.06%
24) Chloroform-d	7.65	84	266090	19.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.84%
26) 1,2-Dichloroethane-d4	8.31	65	114047	17.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	70.88%
29) Benzene-d6	8.27	84	555030	21.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.08%
33) 1,2-Dichloropropane-d6	9.27	67	146292	21.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.04%
37) Toluene-d8	10.33	98	519968	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.68%
38) trans-1,3-Dichloropropene-	10.58	79	49179	16.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.36%
39) 2-Hexanone-d5	10.93	63	27174	28.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82851	15.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	63.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	140194	20.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.04%

Target Compounds

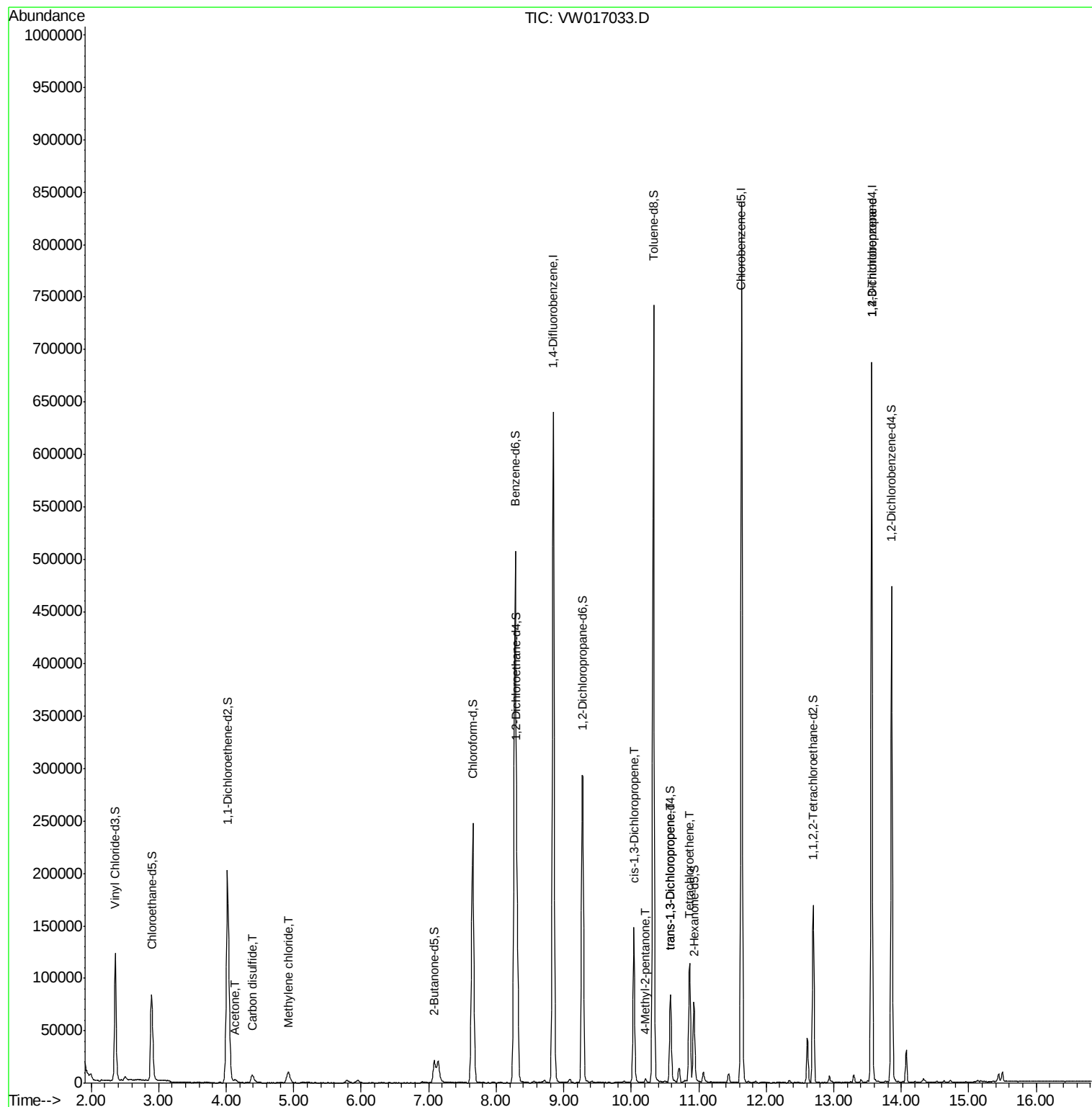
					Ovalue
13) Acetone	4.14	43	4868	5.612 ug/L	97
14) Carbon disulfide	4.38	76	16439	0.699 ug/L	96
16) Methylene chloride	4.92	84	9789	1.249 ug/L	94
42) cis-1,3-Dichloropropene	10.04	75	3852	0.402 ug/L #	70
43) 4-Methyl-2-pentanone	10.21	43	2486	0.857 ug/L	96
45) trans-1,3-Dichloropropene	10.58	75	2463	0.311 ug/L	91
47) Tetrachloroethene	10.87	164	28406	4.067 ug/L	95
59) 1,2,3-Trichloropropane	13.56	75	20157	5.355 ug/L	91

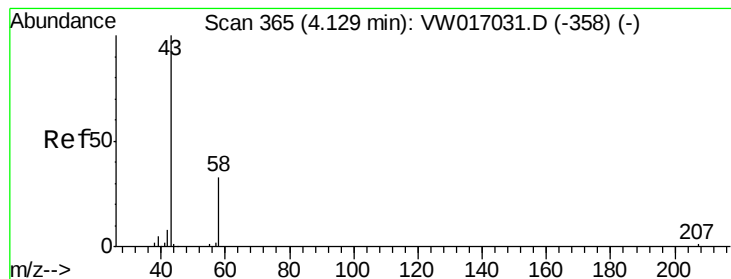
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#13

Acetone

Concen: 5.612 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017033.D

Acq: 30 Oct 2020 11:34

Instrument :

MSVOA_W

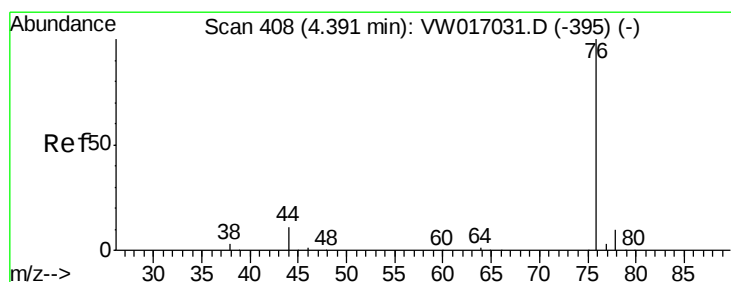
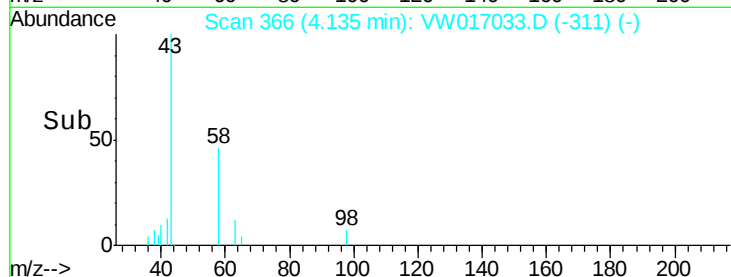
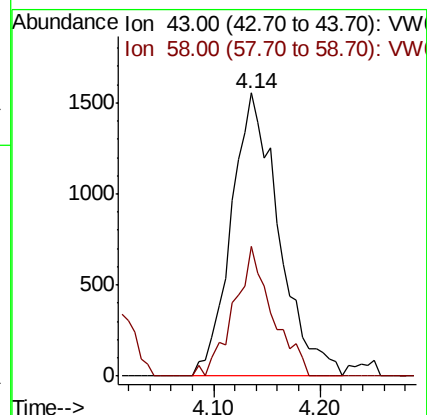
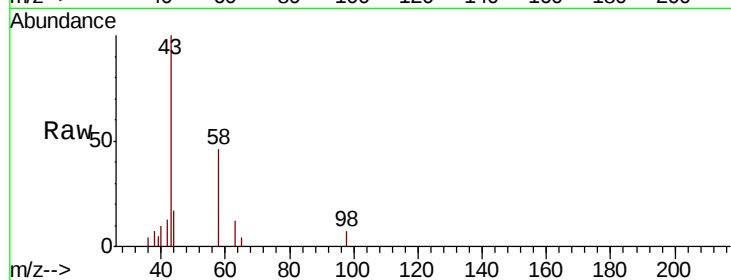
ClientSampleId :

Tot Ion: 43 Resp: 4868

Ion Ratio Lower Upper

43 100

58 36.4 0.0 69.8



#14

Carbon disulfide

Concen: 0.699 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW017033.D

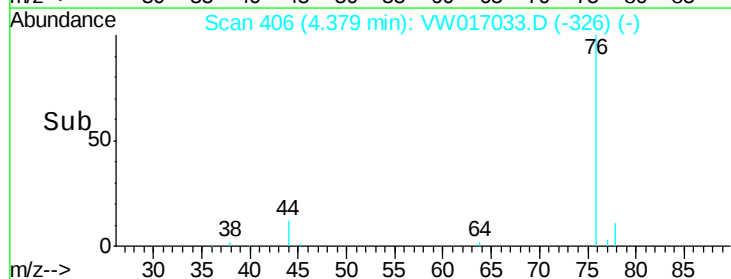
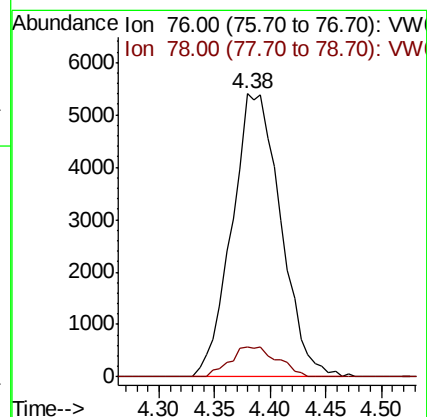
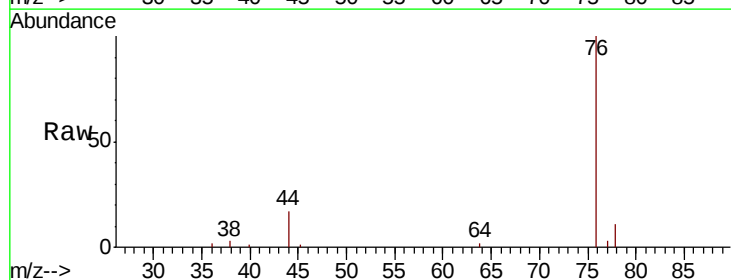
Acq: 30 Oct 2020 11:34

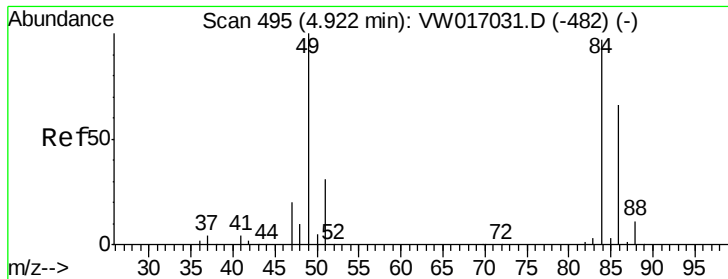
Tgt Ion: 76 Resp: 16439

Ion Ratio Lower Upper

76 100

78 10.7 7.3 10.9

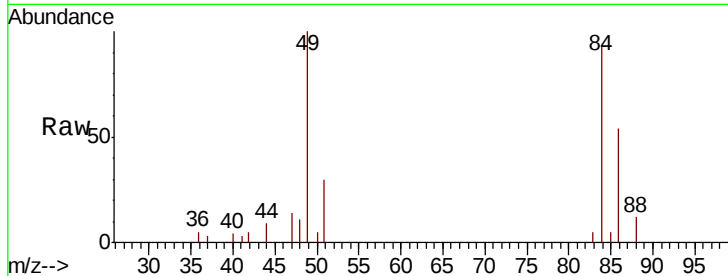




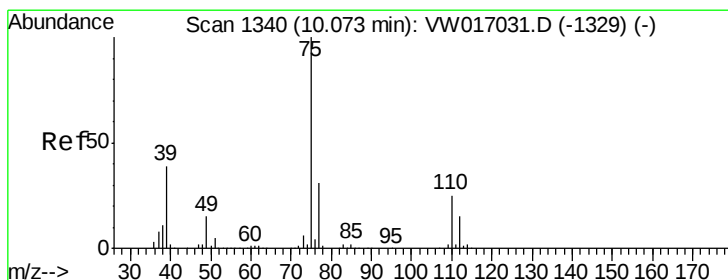
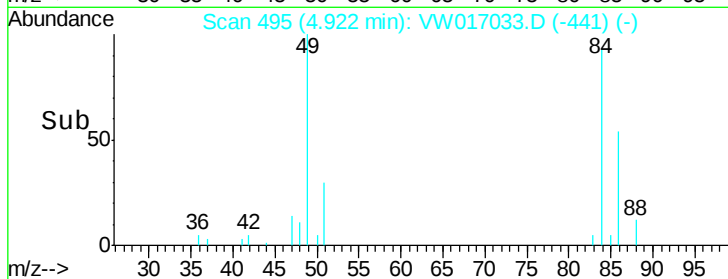
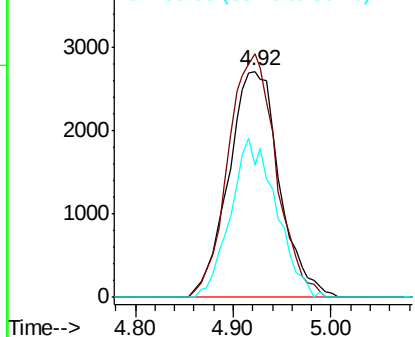
#16
Methylene chloride
Concen: 1.249 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW017033.D
Acq: 30 Oct 2020 11:34

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 9789
Ion Ratio Lower Upper
84 100
49 107.8 73.8 137.0
86 58.5 47.4 88.0

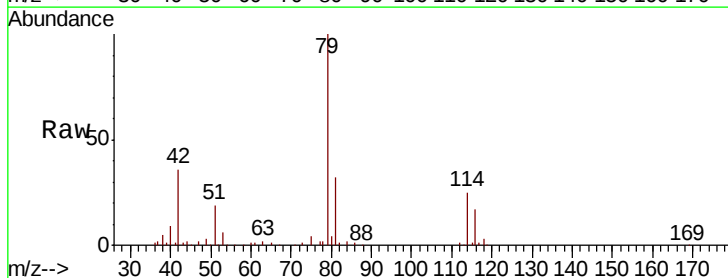


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

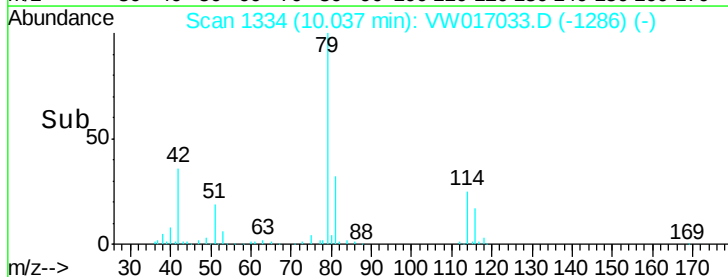
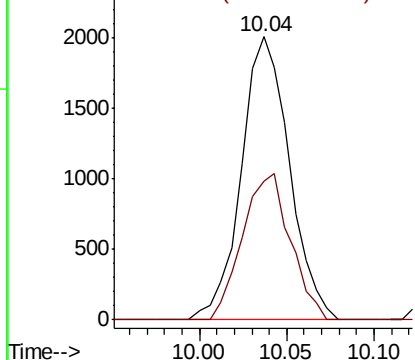


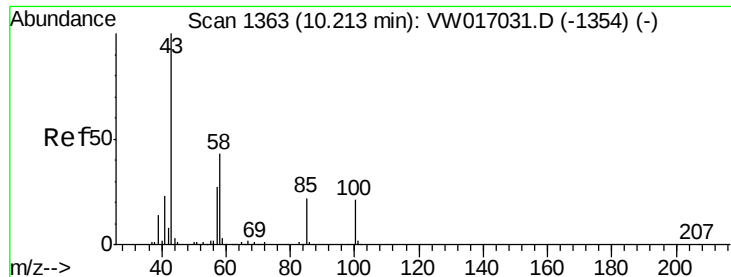
#42
cis-1,3-Dichloropropene
Concen: 0.402 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017033.D
Acq: 30 Oct 2020 11:34

Tgt Ion: 75 Resp: 3852
Ion Ratio Lower Upper
75 100
77 49.1 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: 0.857 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW017033.D

Acq: 30 Oct 2020 11:34

Instrument :

MSVOA_W

ClientSampled :

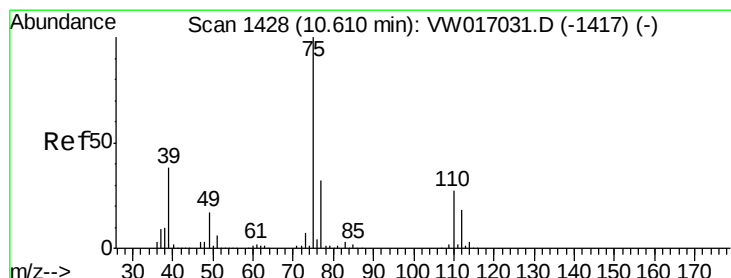
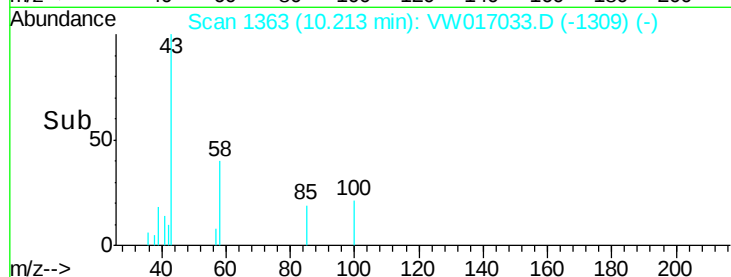
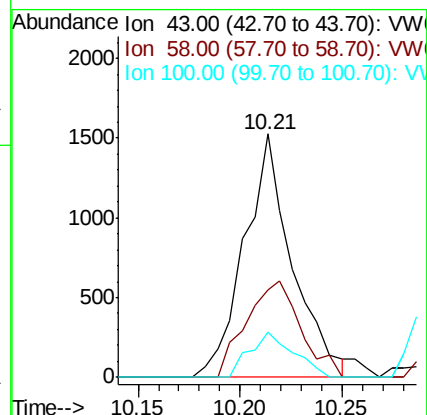
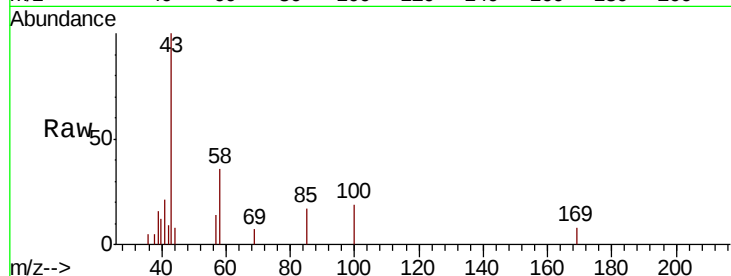
Tot Ion: 43 Resp: 2486

Ion Ratio Lower Upper

43 100

58 44.7 34.4 51.6

100 17.1 16.2 24.2



#45

trans-1,3-Dichloropropene

Concen: 0.311 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017033.D

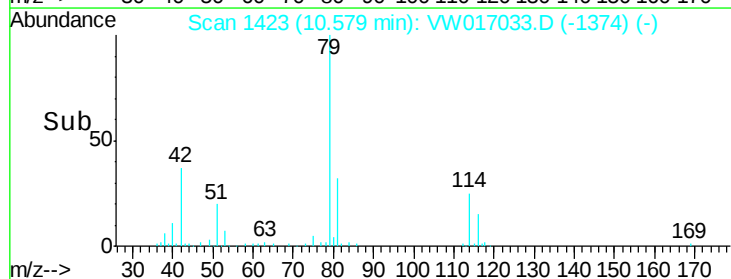
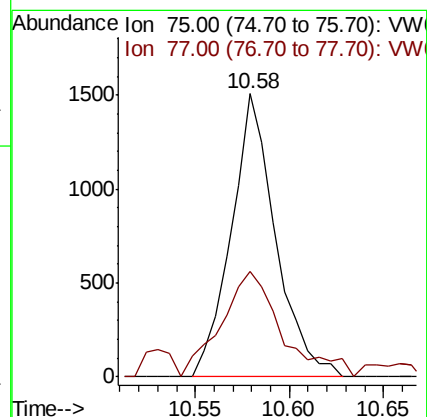
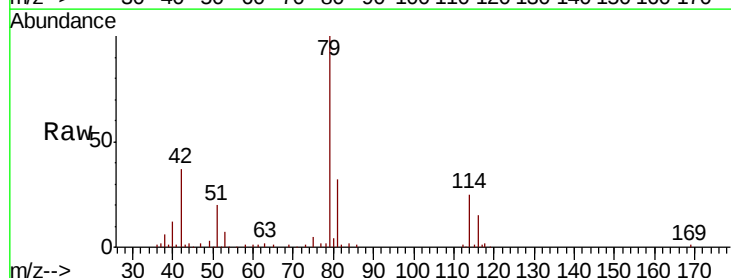
Acq: 30 Oct 2020 11:34

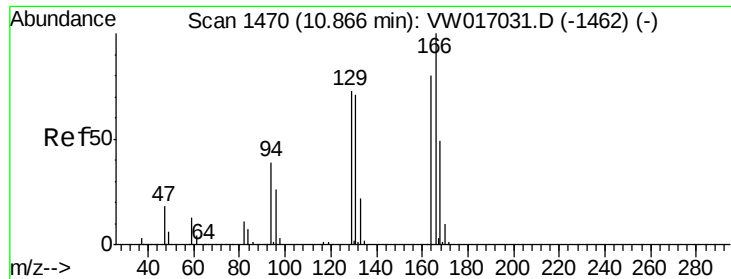
Tgt Ion: 75 Resp: 2463

Ion Ratio Lower Upper

75 100

77 37.4 22.7 42.3

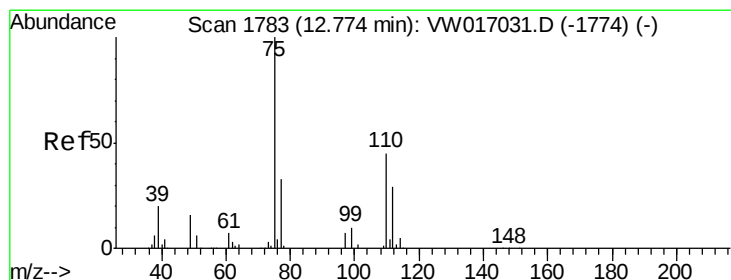
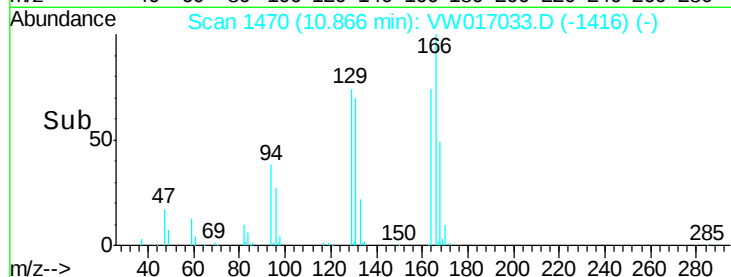
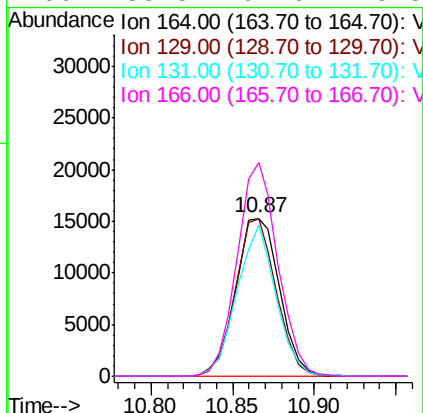
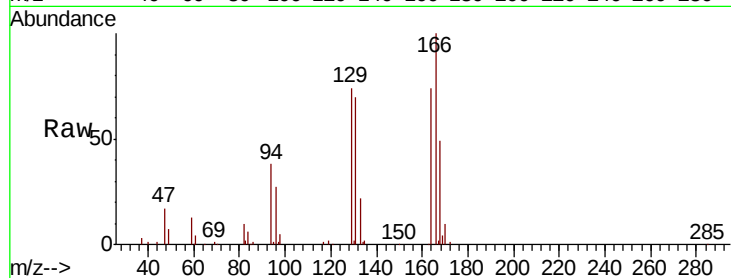




#47
Tetrachloroethene
Concen: 4.067 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW017033.D
Acq: 30 Oct 2020 11:34

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:164 Resp: 28406
Ion Ratio Lower Upper
164 100
129 100.2 64.0 119.0
131 95.5 61.7 114.5
166 135.5 94.6 175.8



#59
1,2,3-Trichloropropane
Concen: 5.355 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW017033.D
Acq: 30 Oct 2020 11:34

Tgt Ion: 75 Resp: 20157
Ion Ratio Lower Upper
75 100
77 37.4 25.8 38.8

