

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101720\
 Data File : VW016933.D
 Acq On : 16 Oct 2020 17:15
 Operator : SY/VA
 Sample : L4426-10
 Misc : 4.94G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 17 00:45:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 17 00:37:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	604997	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	515835	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	239912	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	117285	19.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.60%
7) Chloroethane-d5	2.89	69	103858	20.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.96%
10) 1,1-Dichloroethene-d2	4.03	63	182232	14.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.52%
20) 2-Butanone-d5	7.08	46	66877	49.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.94%
24) Chloroform-d	7.65	84	289165	22.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	8.31	65	146152	23.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.80%
29) Benzene-d6	8.27	84	578280	24.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.72%
33) 1,2-Dichloropropane-d6	9.28	67	164193	26.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.32%
37) Toluene-d8	10.33	98	531706	24.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.20%
38) trans-1,3-Dichloropropene-	10.58	79	63339	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.24%
39) 2-Hexanone-d5	10.93	63	50532	51.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128585	25.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	177515	23.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.32%

Target Compounds

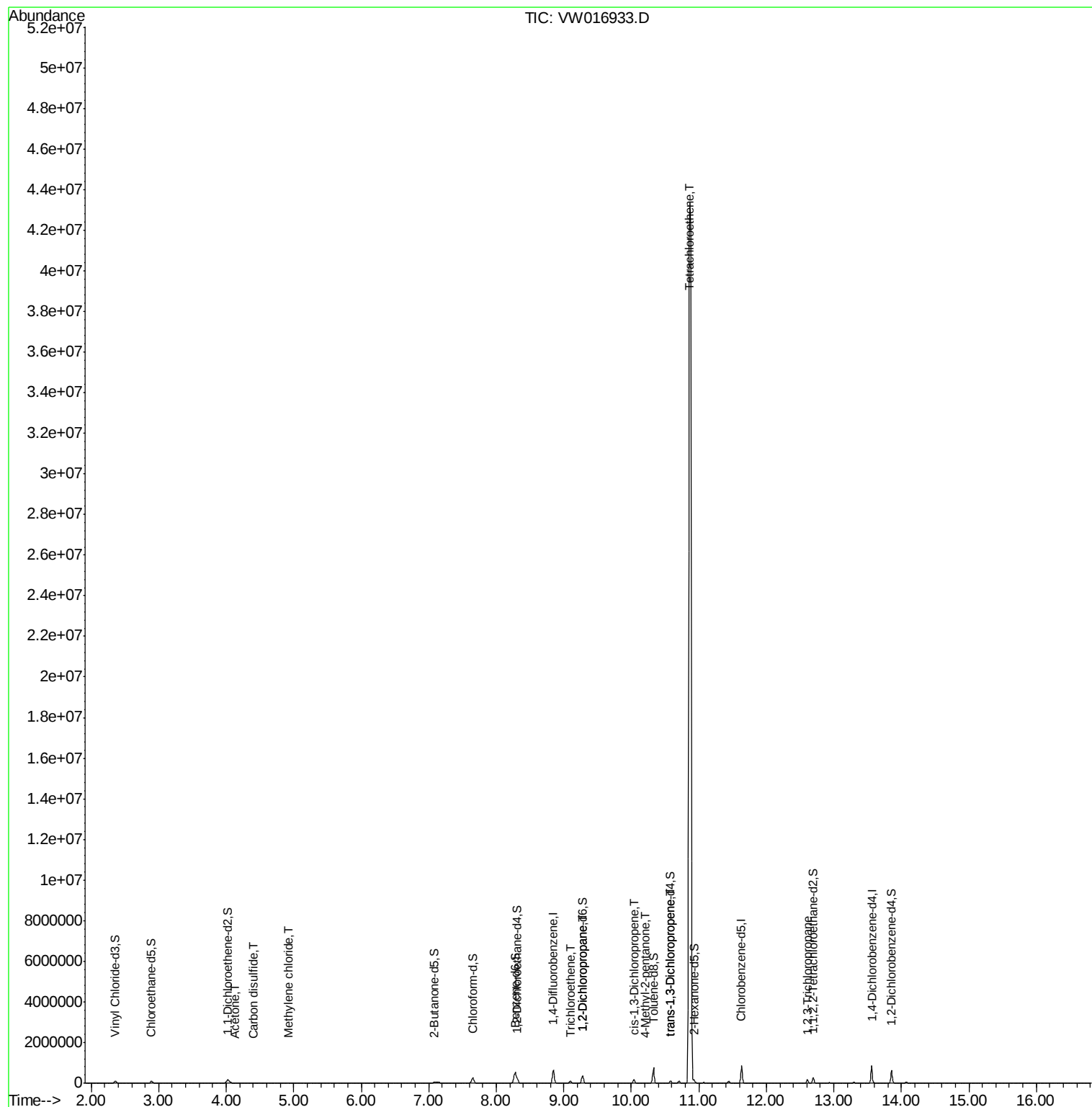
					Ovalue
13) Acetone	4.13	43	5690	5.562 ug/L	99
14) Carbon disulfide	4.39	76	10202	0.455 ug/L	96
16) Methylene chloride	4.92	84	11786	1.412 ug/L	97
35) Trichloroethene	9.10	95	30345	3.873 ug/L	97
40) 1,2-Dichloropropane	9.27	63	18201	2.906 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	4565	0.457 ug/L #	64
43) 4-Methyl-2-pentanone	10.21	43	7293	2.313 ug/L	99
45) trans-1,3-Dichloropropene	10.58	75	3165	0.377 ug/L	96
47) Tetrachloroethene	10.87	164	9980511	1373.894 ug/L	95
59) 1,2,3-Trichloropropane	12.60	75	1424	0.349 ug/L	89

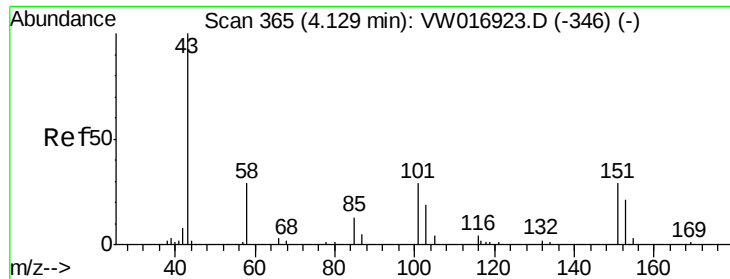
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 17 00:37:07 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.562 ug/L

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW016933.D

Acq: 16 Oct 2020 17:15

Instrument :

MSVOA_W

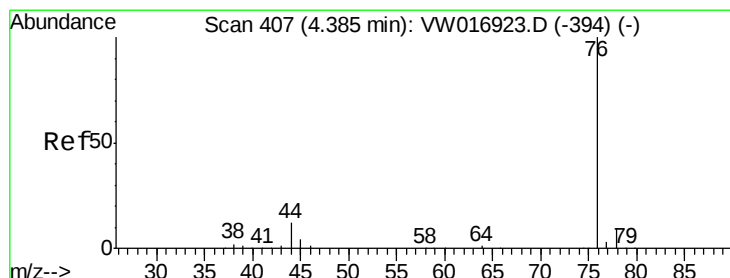
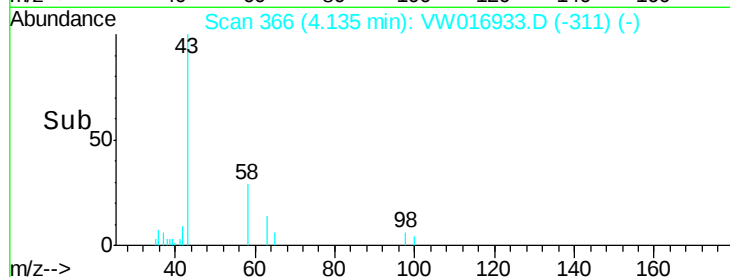
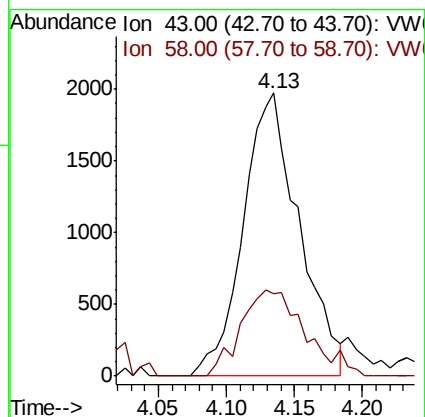
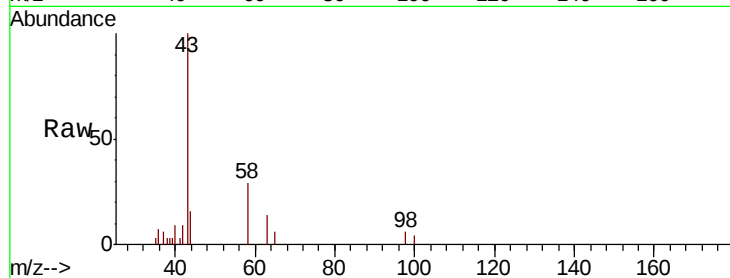
ClientSampled :

Tot Ion: 43 Resp: 5690

Ion Ratio Lower Upper

43 100

58 33.2 0.0 67.6



#14

Carbon disulfide

Concen: 0.455 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW016933.D

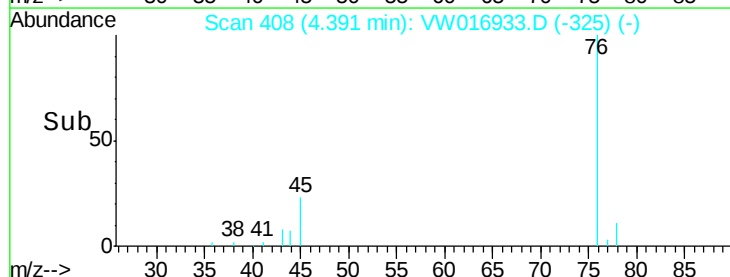
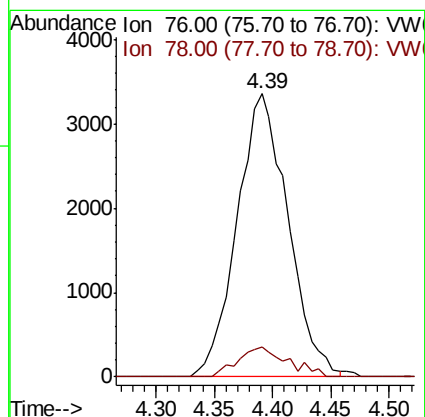
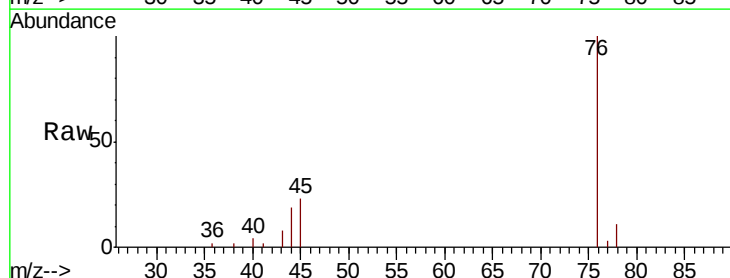
Acq: 16 Oct 2020 17:15

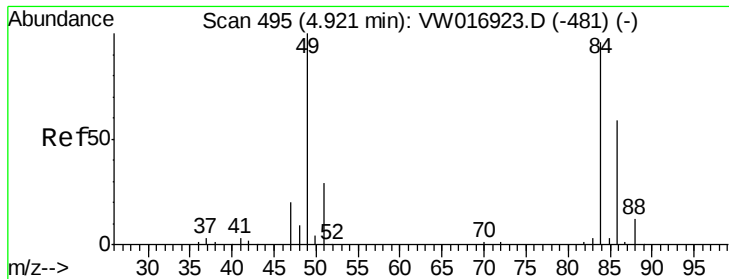
Tgt Ion: 76 Resp: 10202

Ion Ratio Lower Upper

76 100

78 10.7 7.4 11.0

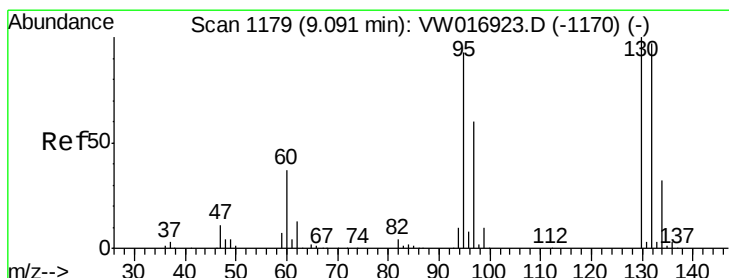
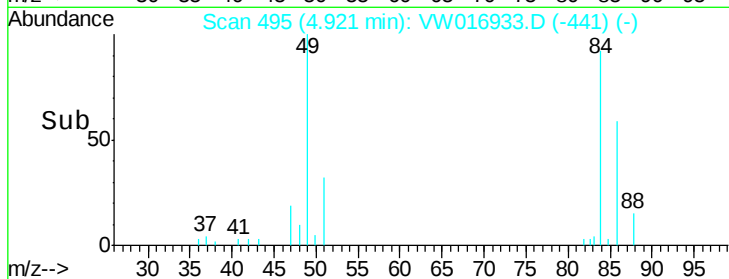
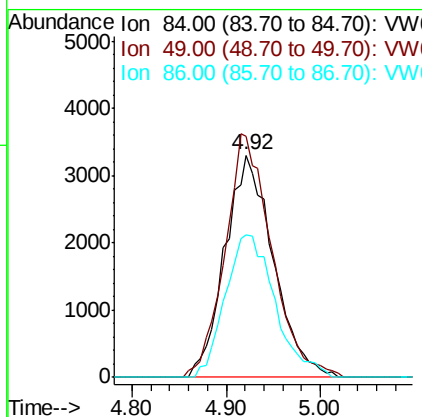
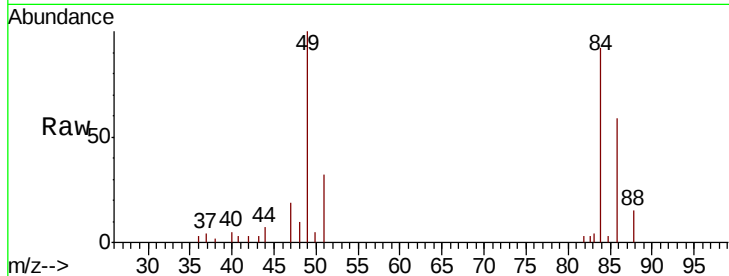




#16
Methvlene chloride
Concen: 1.412 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW016933.D
Acq: 16 Oct 2020 17:15

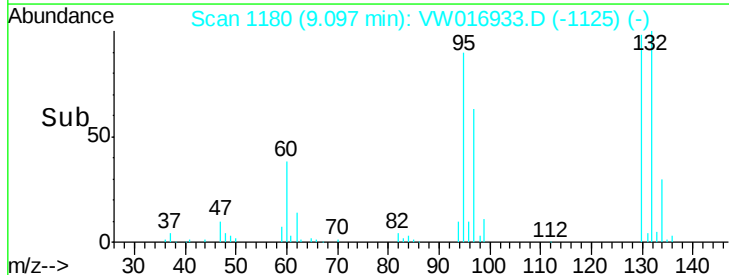
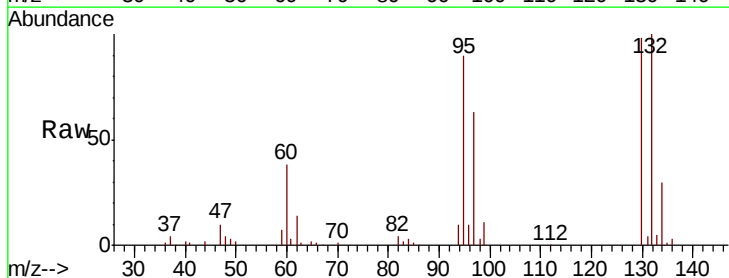
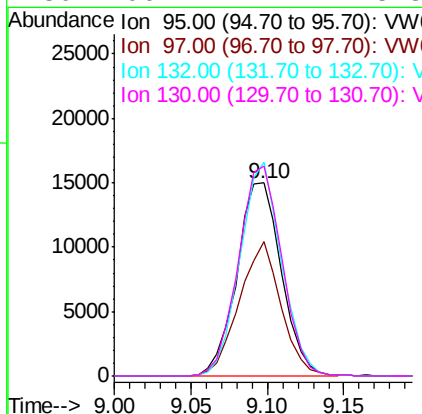
Instrument :
MSVOA_W
ClientSampleId :

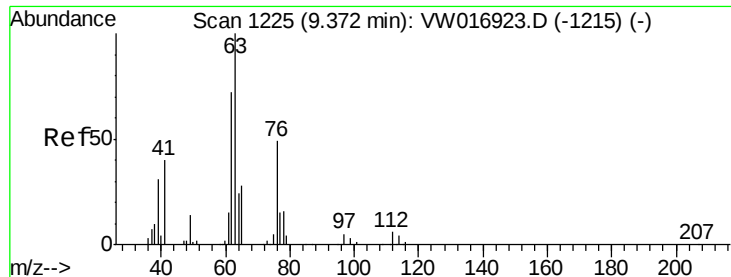
Tot Ion: 84 Resp: 11786
Ion Ratio Lower Upper
84 100
49 108.6 73.1 135.8
86 64.3 46.0 85.4



#35
Trichloroethene
Concen: 3.873 ug/L
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW016933.D
Acq: 16 Oct 2020 17:15

Tgt Ion: 95 Resp: 30345
Ion Ratio Lower Upper
95 100
97 65.1 44.7 83.1
132 103.5 73.8 137.2
130 106.4 77.1 143.3

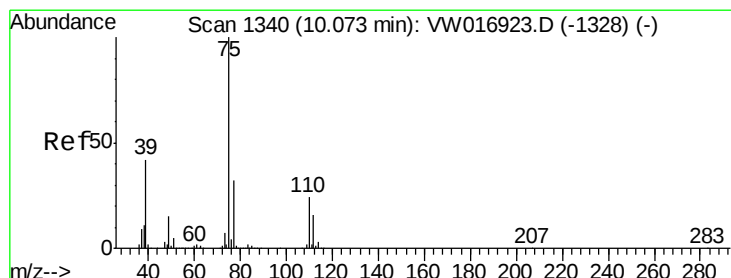
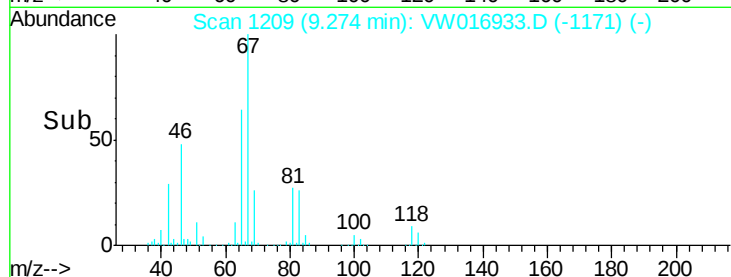
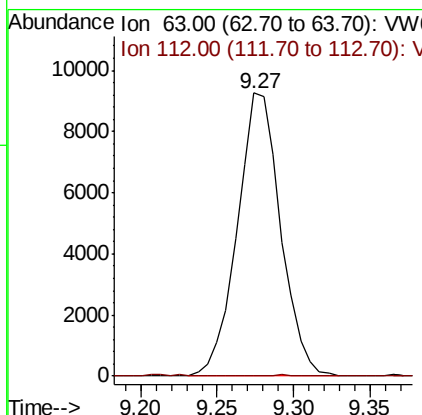
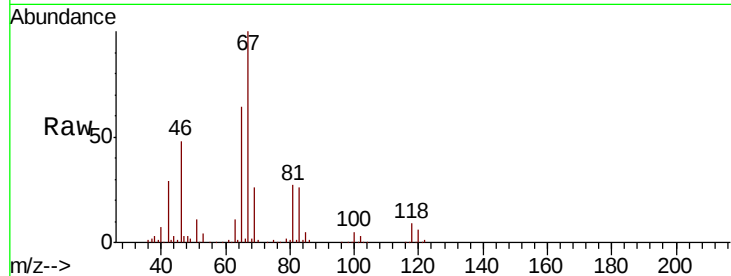




#40
 1,2-Dichloropropane
 Concen: 2.906 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW016933.D
 Acq: 16 Oct 2020 17:15

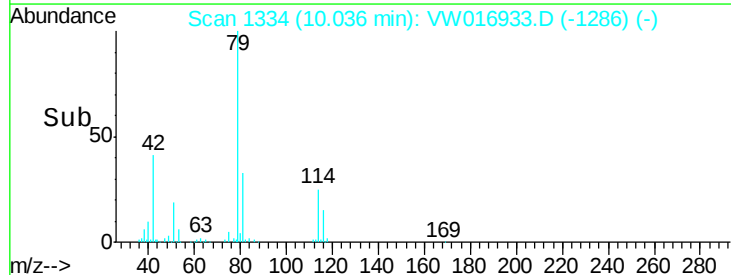
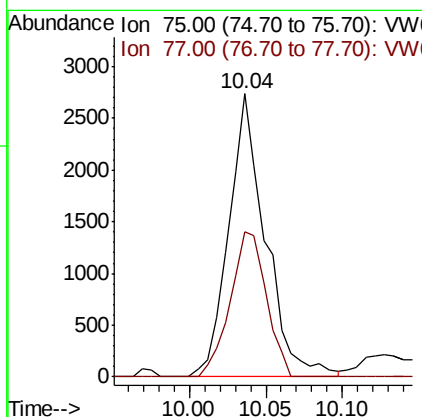
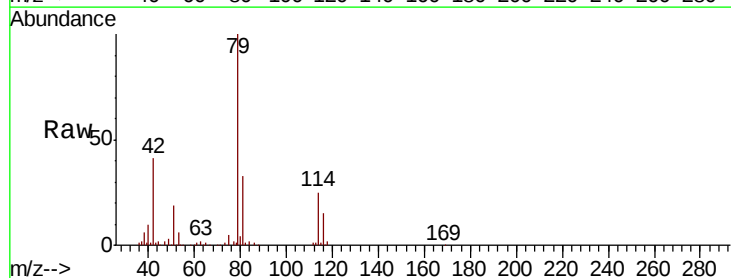
Instrument :
 MSVOA_W
 ClientSampled :

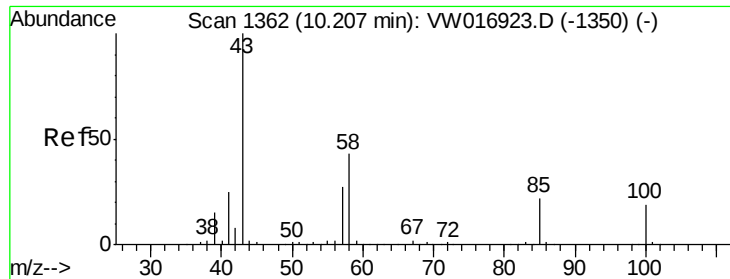
Tot Ion: 63 Resp: 18201
 Ion Ratio Lower Upper
 63 100
 112 0.1 4.5 6.7#



#42
 cis-1,3-Dichloropropene
 Concen: 0.457 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016933.D
 Acq: 16 Oct 2020 17:15

Tgt Ion: 75 Resp: 4565
 Ion Ratio Lower Upper
 75 100
 77 51.4 22.1 41.1#





#43

4-Methyl-2-pentanone

Concen: 2.313 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW016933.D

Acq: 16 Oct 2020 17:15

Instrument :

MSVOA_W

ClientSampleId :

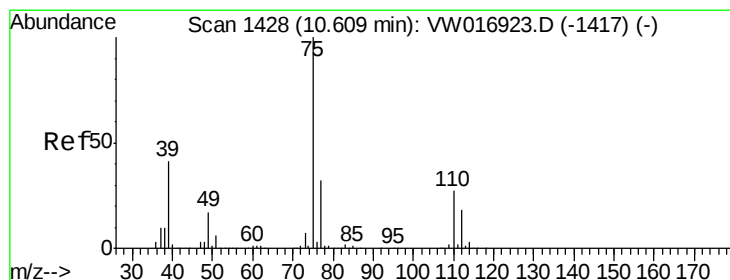
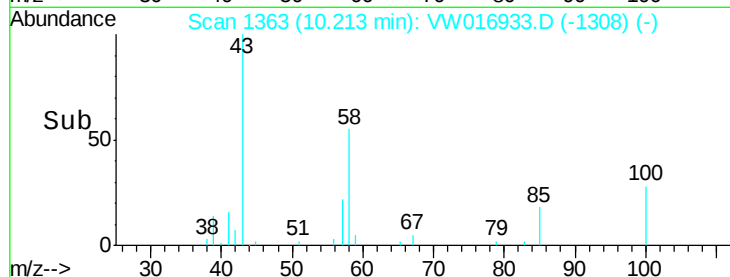
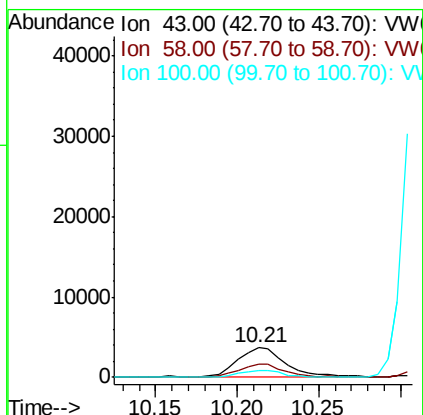
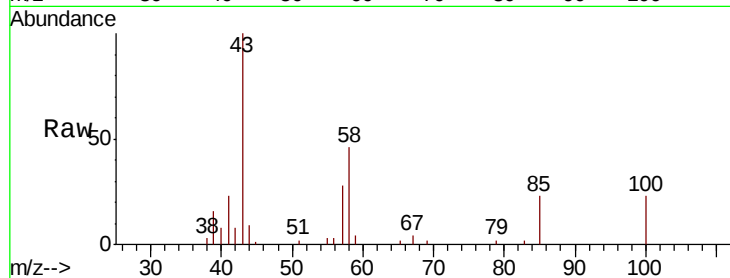
Tot Ion: 43 Resp: 7293

Ion Ratio Lower Upper

43 100

58 43.9 34.7 52.1

100 21.1 16.9 25.3



#45

trans-1,3-Dichloropropene

Concen: 0.377 ug/L

RT: 10.58 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016933.D

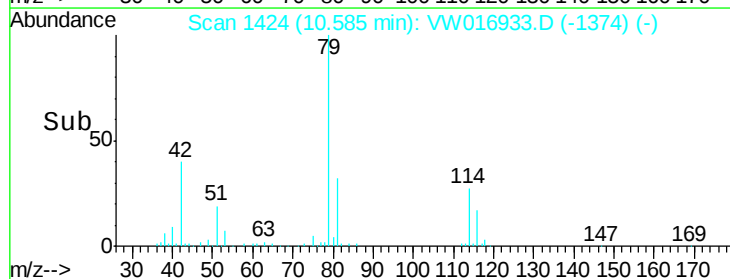
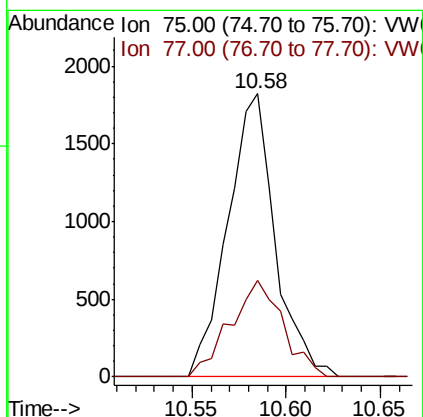
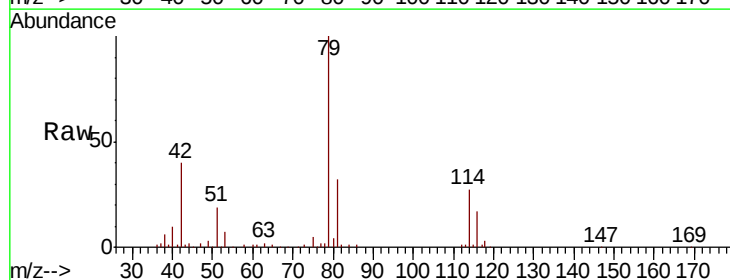
Acq: 16 Oct 2020 17:15

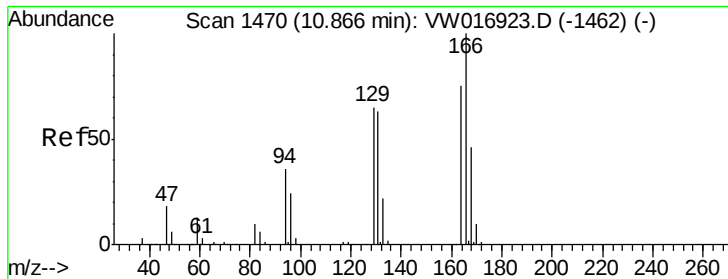
Tgt Ion: 75 Resp: 3165

Ion Ratio Lower Upper

75 100

77 34.0 22.2 41.2

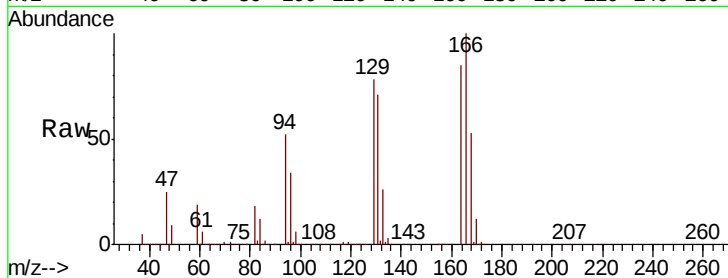




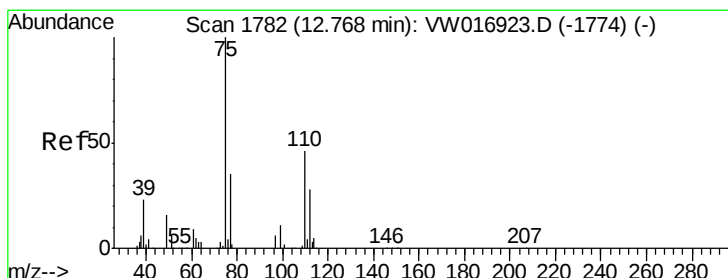
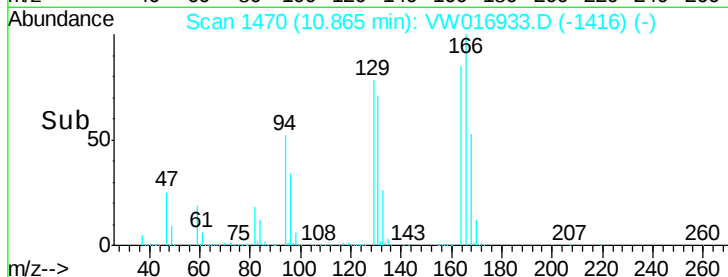
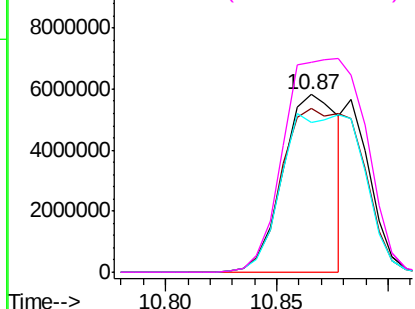
#47
Tetrachloroethene
Concen: 1373.894 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016933.D
Acq: 16 Oct 2020 17:15

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:164 Resp: 9980511
Ion Ratio Lower Upper
164 100
129 92.0 61.7 114.7
131 84.2 59.7 110.9
166 118.0 88.3 164.1

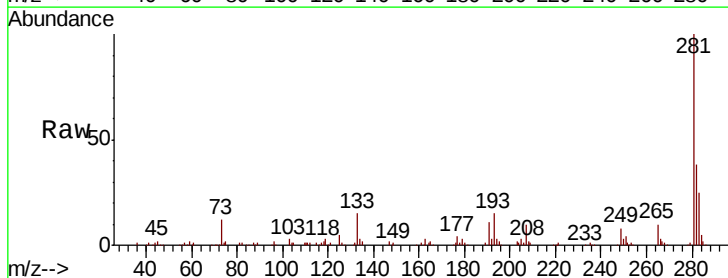


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#59
1,2,3-Trichloropropane
Concen: 0.349 ug/L
RT: 12.60 min Scan# 1755
Delta R.T. -0.16 min
Lab File: VW016933.D
Acq: 16 Oct 2020 17:15

Tgt Ion: 75 Resp: 1424
Ion Ratio Lower Upper
75 100
77 38.6 26.2 39.2



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

