

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101720\
 Data File : VW016925.D
 Acq On : 16 Oct 2020 13:36
 Operator : SY/VA
 Sample : L4421-21
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 17 00:44:24 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	8.84	114	498696	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	456400	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	220531	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108300	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.04%
7) Chloroethane-d5	2.89	69	92801	22.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.96%
10) 1,1-Dichloroethene-d2	4.02	63	169197	16.20	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.80%
20) 2-Butanone-d5	7.08	46	58499	52.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.00%
24) Chloroform-d	7.65	84	261228	24.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.28%
26) 1,2-Dichloroethane-d4	8.30	65	128902	25.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.44%
29) Benzene-d6	8.27	84	522262	25.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.80%
33) 1,2-Dichloropropane-d6	9.27	67	147196	26.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.68%
37) Toluene-d8	10.32	98	491947	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.60%
38) trans-1,3-Dichloropropene-	10.58	79	56941	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.72%
39) 2-Hexanone-d5	10.93	63	47021	54.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119593	26.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	187720	26.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.36%

Target Compounds

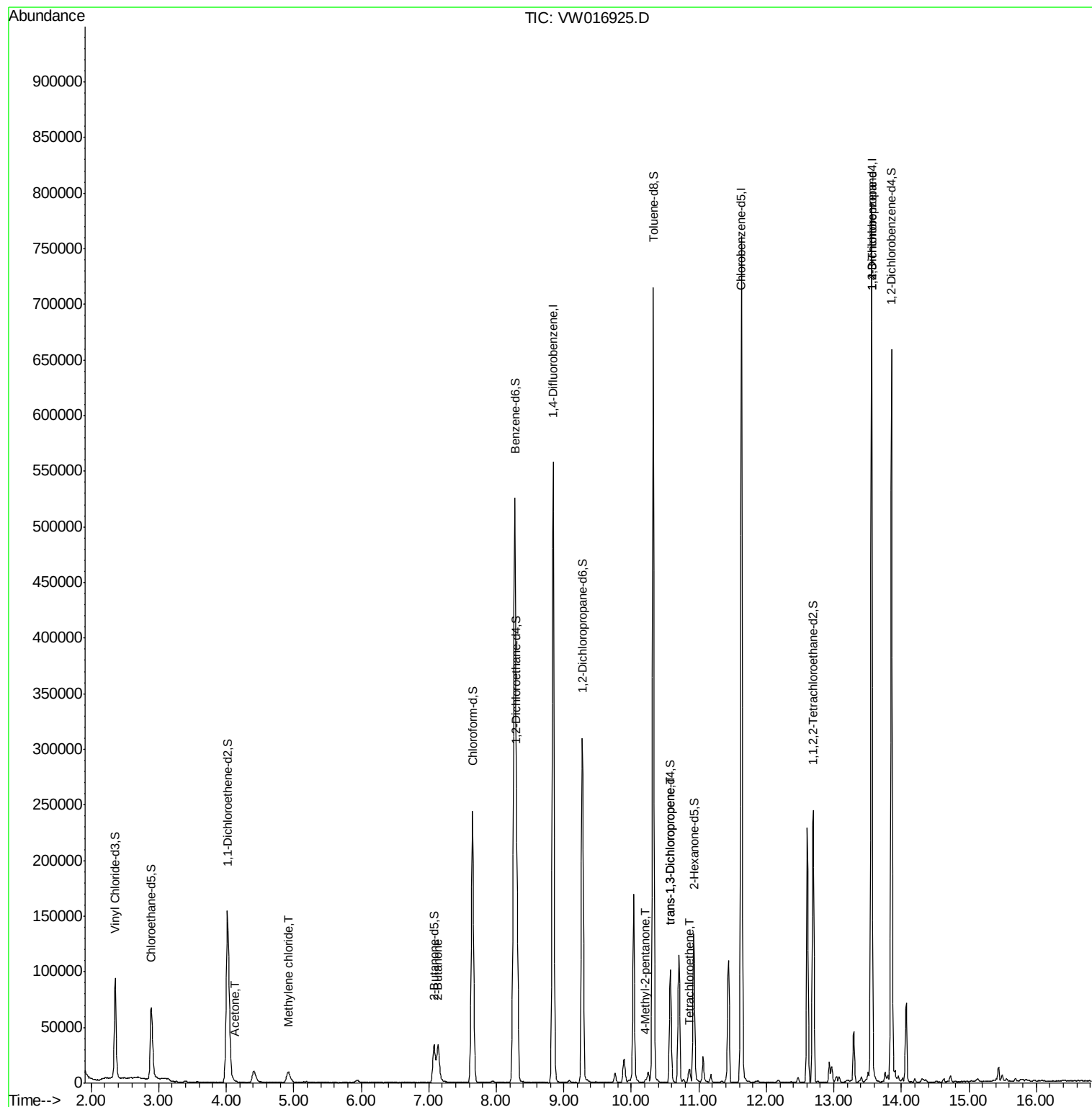
					Ovalue
13) Acetone	4.13	43	861	1.021 ug/L	74
16) Methylene chloride	4.92	84	9282	1.349 ug/L	95
21) 2-Butanone	7.14	43	955	0.675 ug/L #	46
43) 4-Methyl-2-pentanone	10.21	43	2083	0.747 ug/L	96
45) trans-1,3-Dichloropropene	10.58	75	2924	0.393 ug/L	83
47) Tetrachloroethene	10.87	164	2749	0.428 ug/L	87
59) 1,2,3-Trichloropropane	13.56	75	22581	6.260 ug/L	92

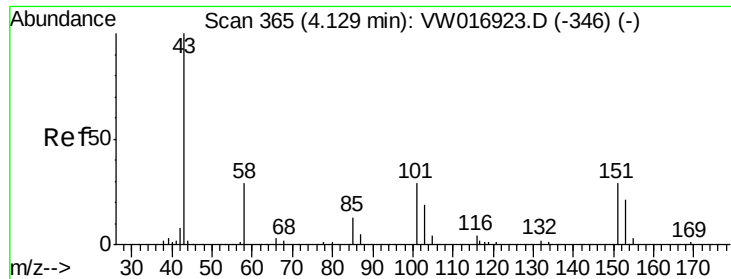
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 17 00:37:07 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.021 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW016925.D

Acq: 16 Oct 2020 13:36

Instrument :

MSVOA_W

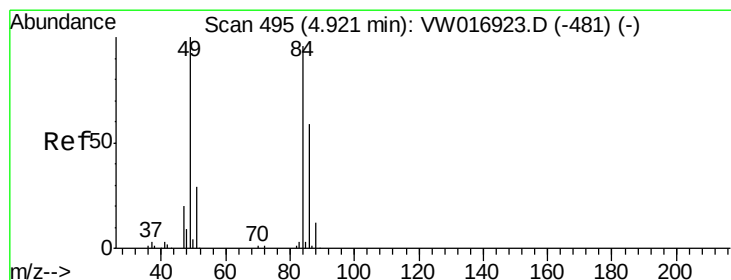
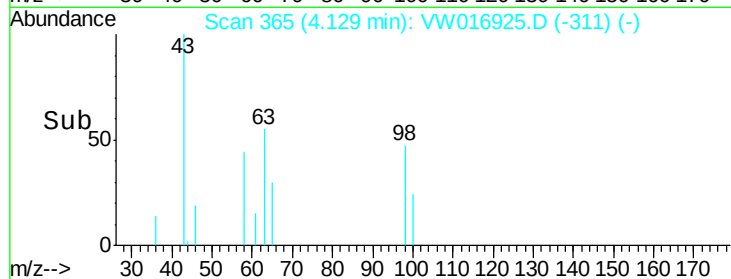
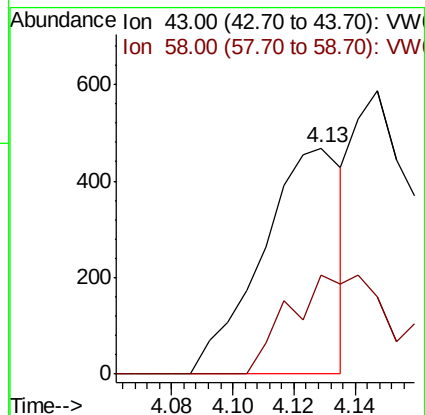
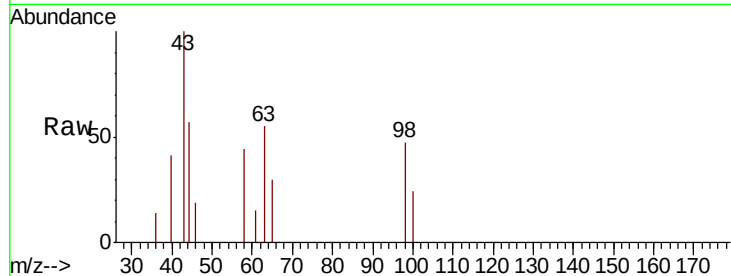
ClientSampled :

Tot Ion: 43 Resp: 861

Ion Ratio Lower Upper

43 100

58 48.8 0.0 67.6



#16

Methylene chloride

Concen: 1.349 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW016925.D

Acq: 16 Oct 2020 13:36

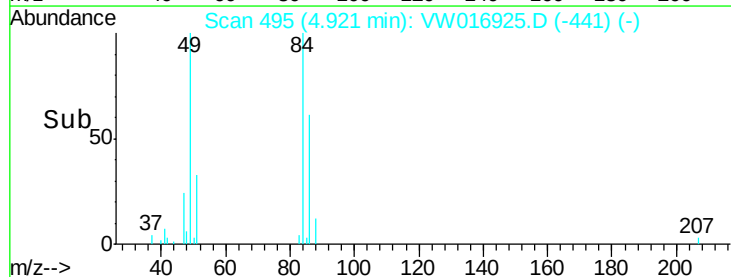
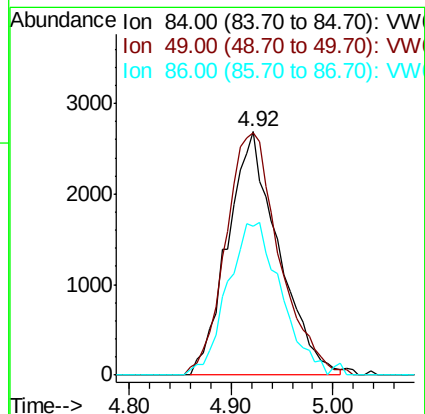
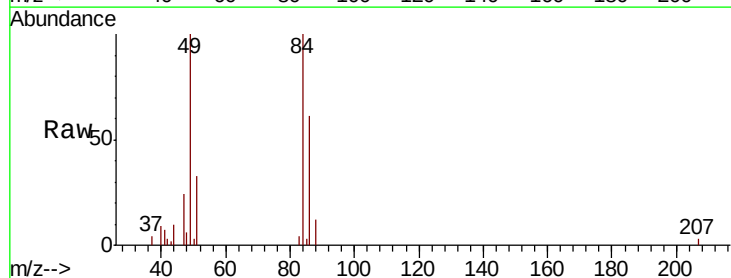
Tgt Ion: 84 Resp: 9282

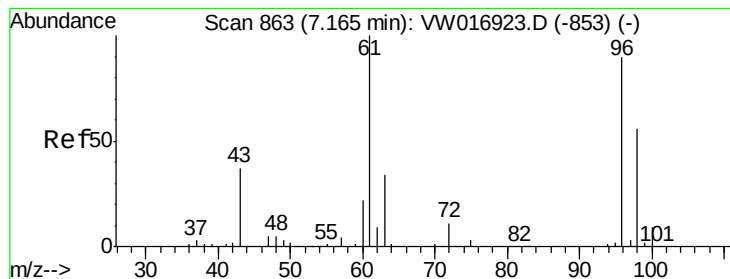
Ion Ratio Lower Upper

84 100

49 99.6 73.1 135.8

86 61.4 46.0 85.4





#21

2-Butanone

Concen: 0.675 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW016925.D

Acq: 16 Oct 2020 13:36

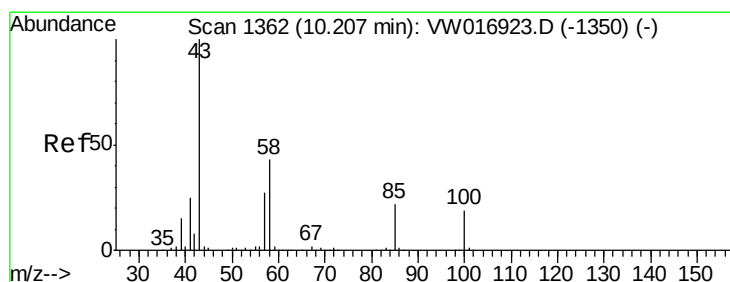
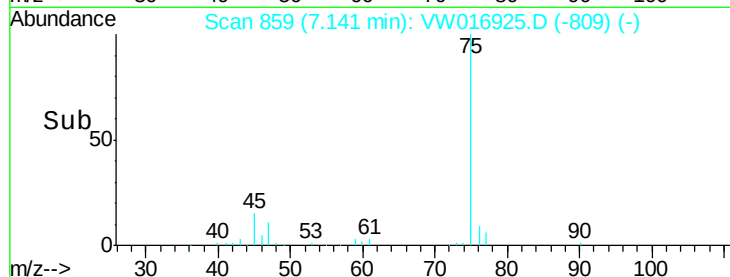
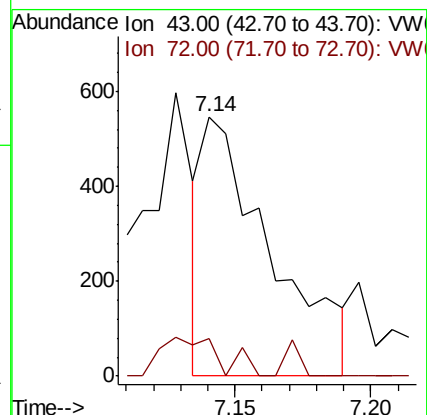
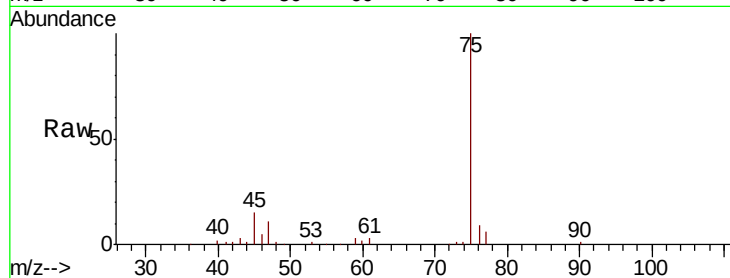
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 955

Ion Ratio Lower Upper

43 100

72 2.3 16.2 48.5#



#43

4-Methyl-2-pentanone

Concen: 0.747 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW016925.D

Acq: 16 Oct 2020 13:36

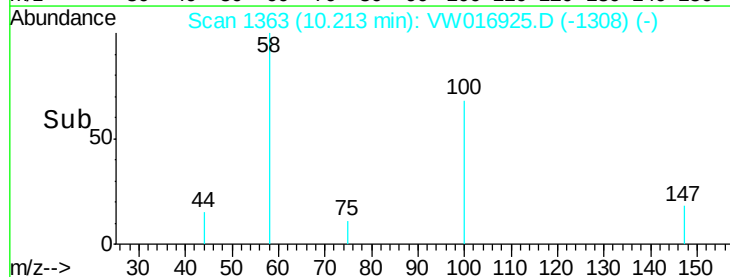
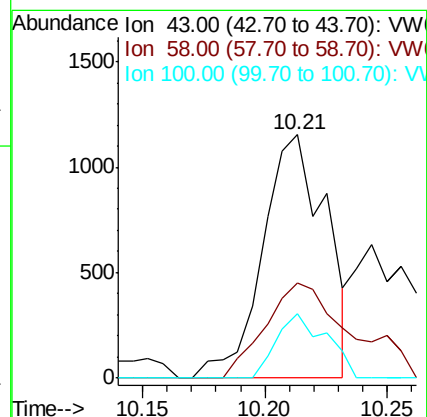
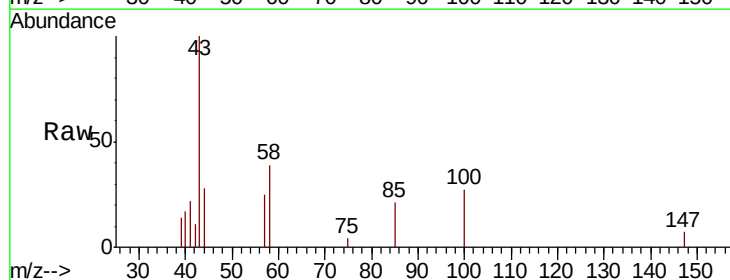
Tgt Ion: 43 Resp: 2083

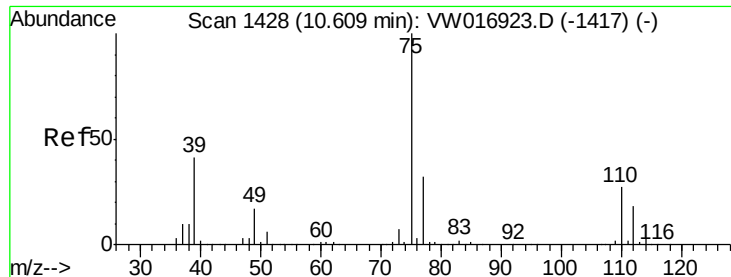
Ion Ratio Lower Upper

43 100

58 46.8 34.7 52.1

100 20.8 16.9 25.3

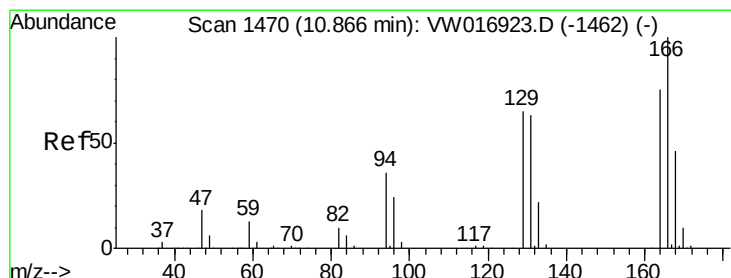
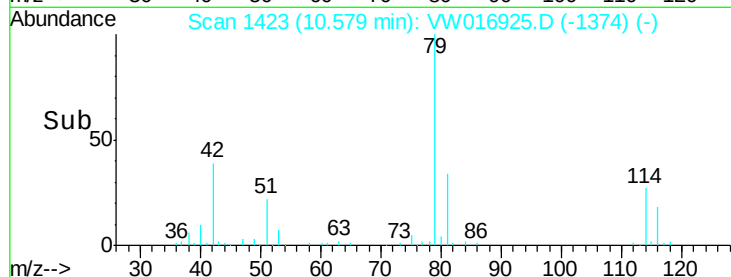
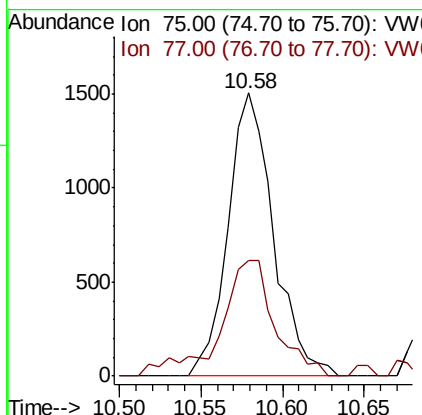
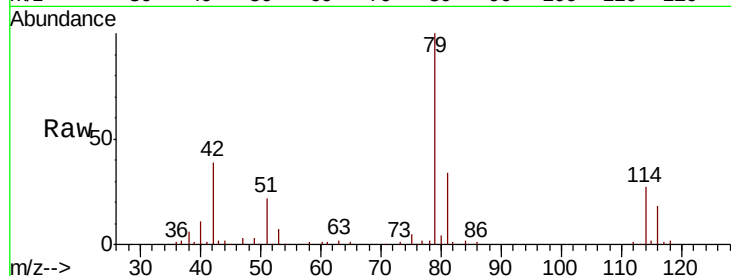




#45
trans-1,3-Dichloropropene
Concen: 0.393 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW016925.D
Acq: 16 Oct 2020 13:36

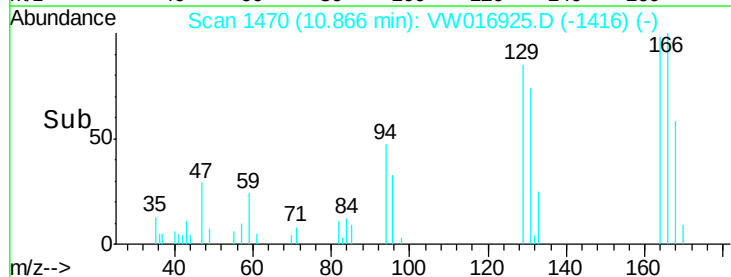
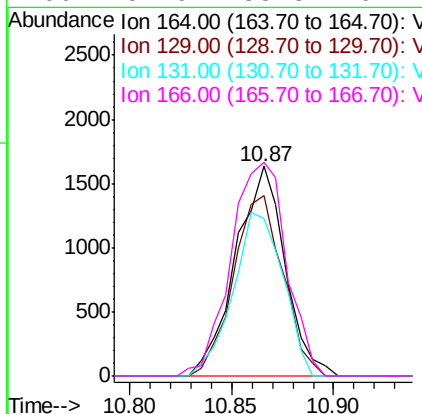
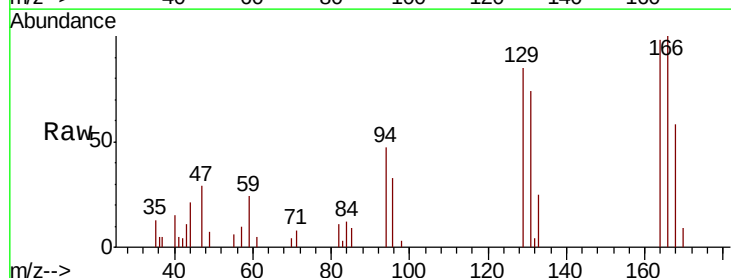
Instrument :
MSVOA_W
ClientSampled :

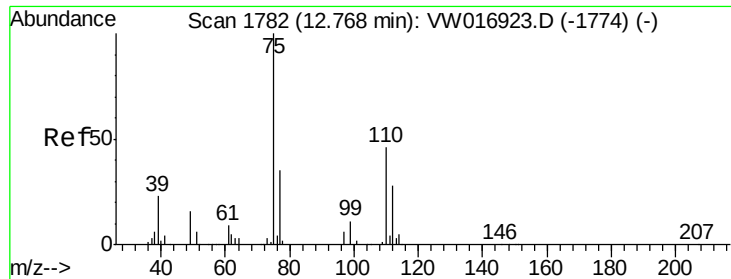
Tot Ion: 75 Resp: 2924
Ion Ratio Lower Upper
75 100
77 41.1 22.2 41.2



#47
Tetrachloroethene
Concen: 0.428 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016925.D
Acq: 16 Oct 2020 13:36

Tgt Ion: 164 Resp: 2749
Ion Ratio Lower Upper
164 100
129 86.4 61.7 114.7
131 75.2 59.7 110.9
166 101.9 88.3 164.1





#59

1,2,3-Trichloropropane

Concen: 6.260 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016925.D

Acq: 16 Oct 2020 13:36

Instrument :

MSVOA_W

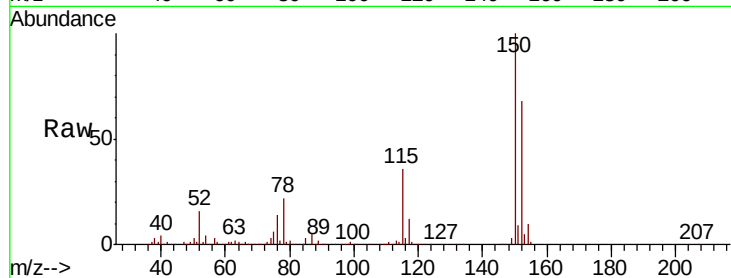
ClientSampleId :

Tot Ion: 75 Resp: 22581

Ion Ratio Lower Upper

75 100

77 37.3 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

