

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101720\
 Data File : VW016927.D
 Acq On : 16 Oct 2020 14:53
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 17 00:44:41 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	515889	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	466004	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	229189	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	101854	20.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.04%
7) Chloroethane-d5	2.89	69	89721	21.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.08%
10) 1,1-Dichloroethene-d2	4.02	63	163365	15.12	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.48%
20) 2-Butanone-d5	7.08	46	60485	52.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.94%
24) Chloroform-d	7.65	84	252582	23.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	8.31	65	127240	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.80%
29) Benzene-d6	8.27	84	500242	23.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.56%
33) 1,2-Dichloropropane-d6	9.27	67	141342	24.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.40%
37) Toluene-d8	10.32	98	463520	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.84%
38) trans-1,3-Dichloropropene-	10.58	79	57639	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.92%
39) 2-Hexanone-d5	10.93	63	50327	57.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123004	26.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	177649	24.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.76%

Target Compounds

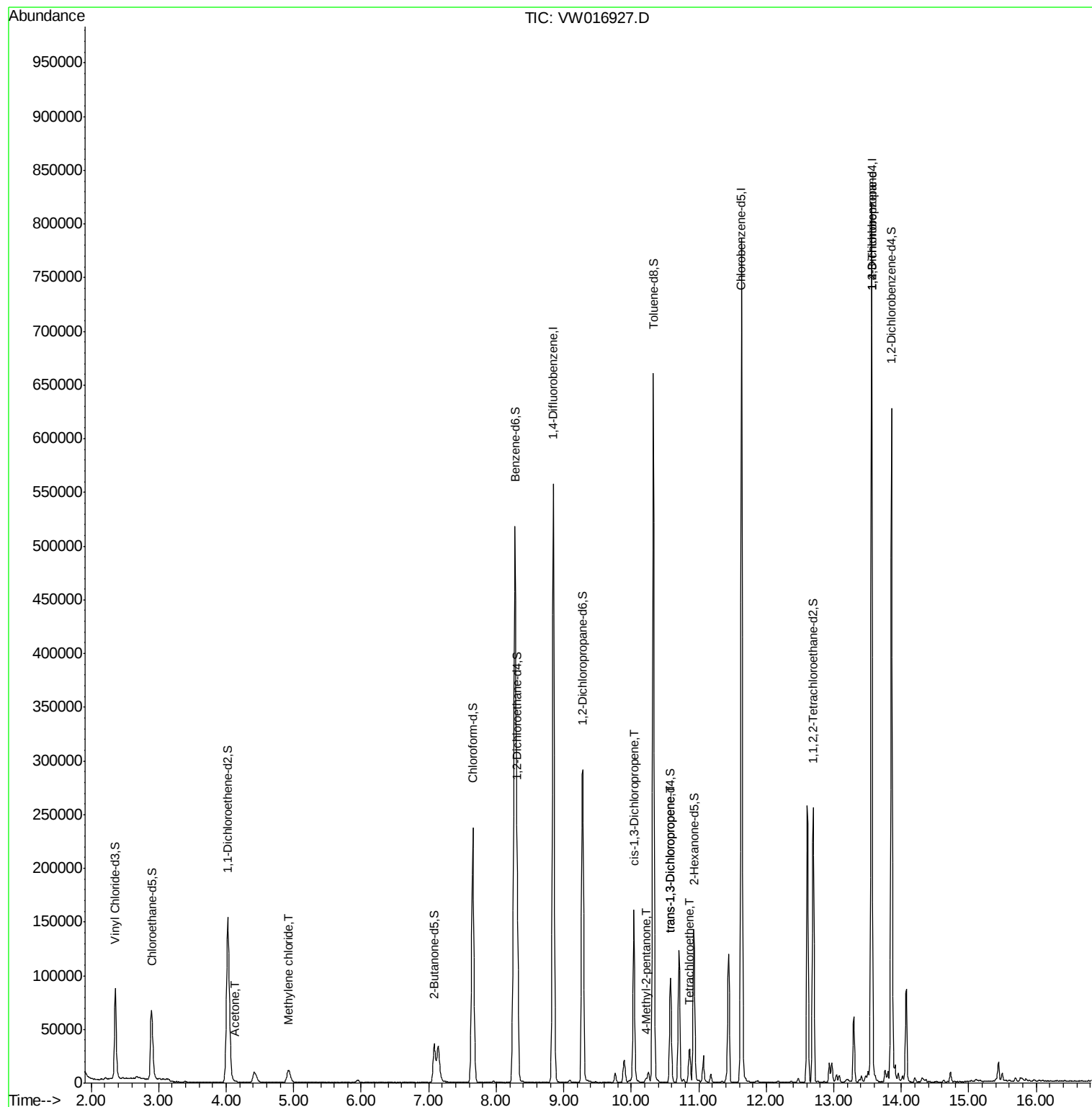
					Ovalue
13) Acetone	4.14	43	860	0.986 ug/L	87
16) Methylene chloride	4.92	84	4973	0.698 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	4143	0.459 ug/L #	51
43) 4-Methyl-2-pentanone	10.21	43	2456	0.862 ug/L	97
45) trans-1,3-Dichloropropene	10.58	75	2747	0.362 ug/L #	76
47) Tetrachloroethene	10.87	164	7181	1.094 ug/L	96
59) 1,2,3-Trichloropropane	13.56	75	23247	6.312 ug/L	90

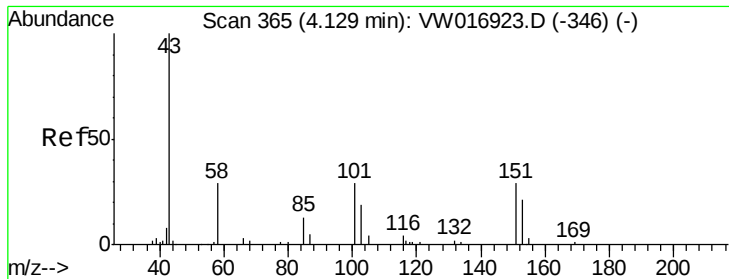
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 17 00:37:07 2020
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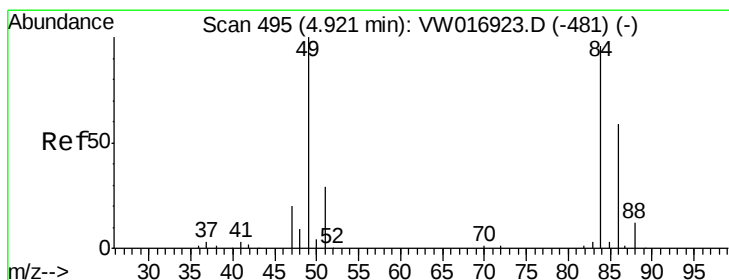
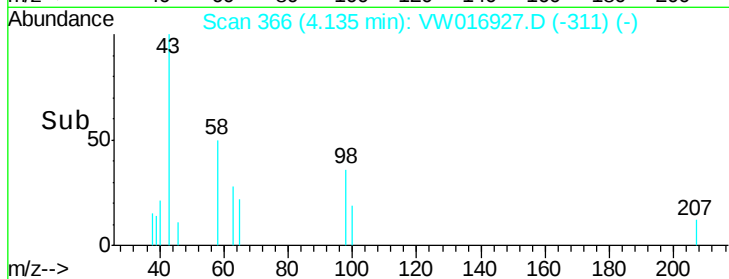
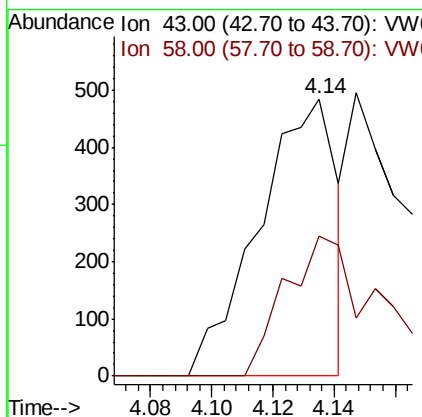
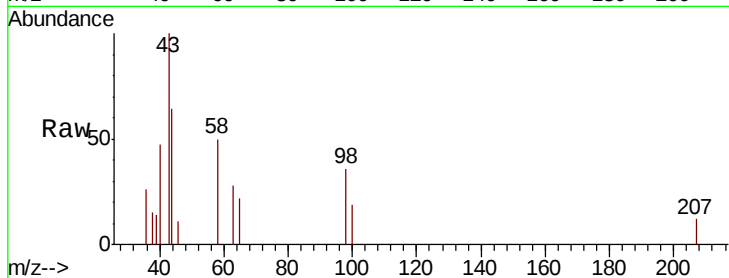




#13
Acetone
Concen: 0.986 ug/L
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW016927.D
Acq: 16 Oct 2020 14:53

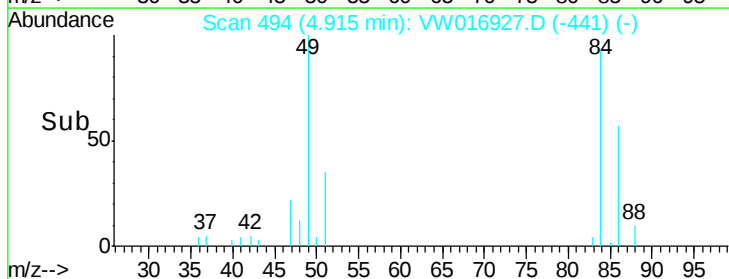
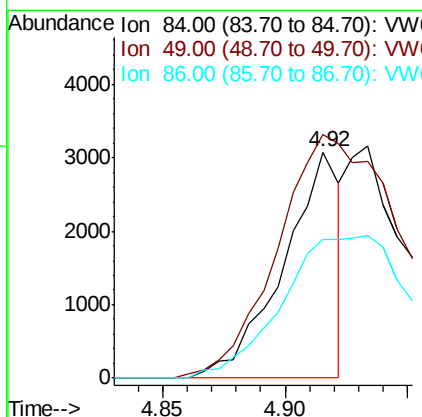
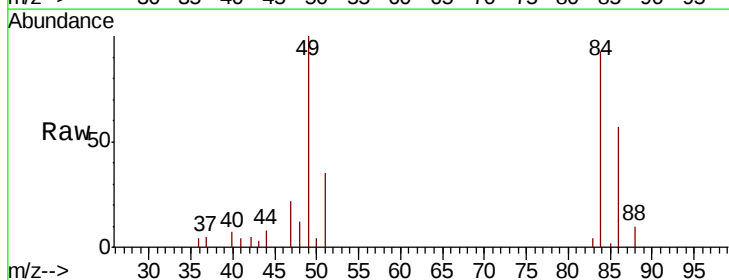
Instrument :
MSVOA_W
ClientSampled :

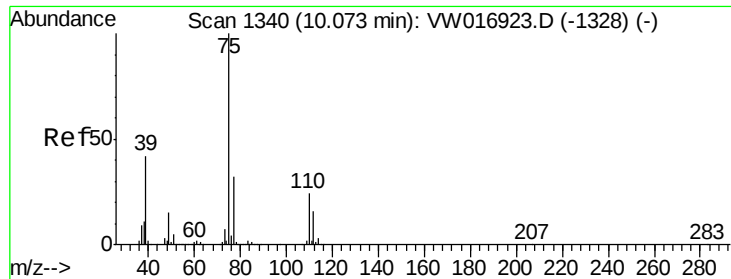
Tot Ion: 43 Resp: 860
Ion Ratio Lower Upper
43 100
58 41.3 0.0 67.6



#16
Methylene chloride
Concen: 0.698 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW016927.D
Acq: 16 Oct 2020 14:53

Tgt Ion: 84 Resp: 4973
Ion Ratio Lower Upper
84 100
49 107.8 73.1 135.8
86 61.6 46.0 85.4

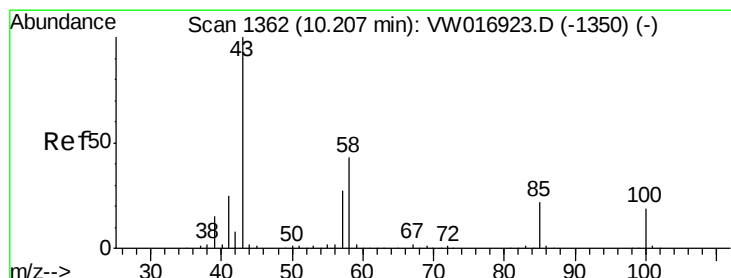
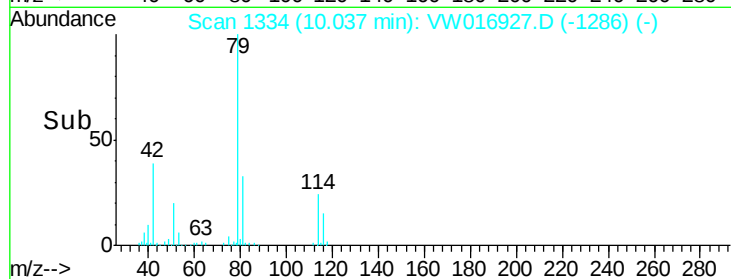
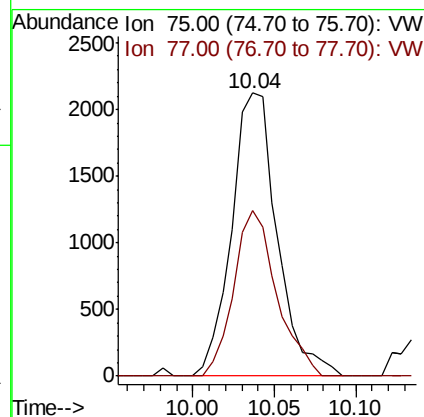
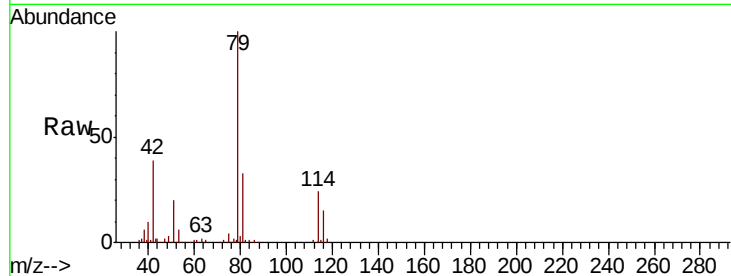




#42
 cis-1,3-Dichloropropene
 Concen: 0.459 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016927.D
 Acq: 16 Oct 2020 14:53

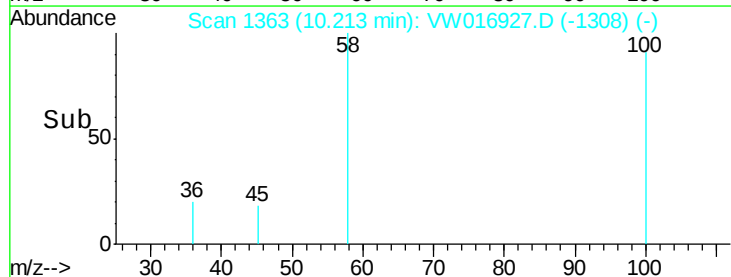
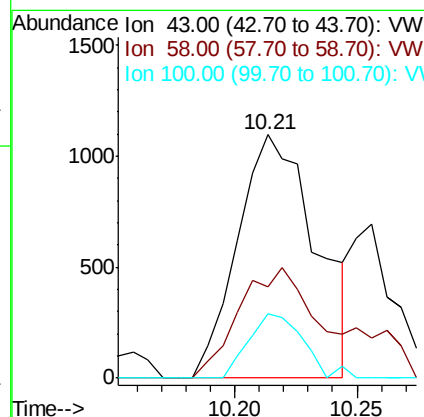
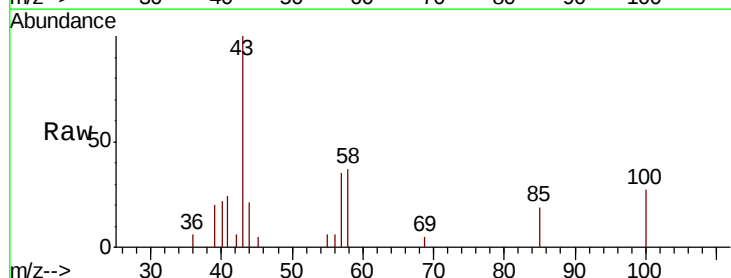
Instrument :
 MSVOA_W
 ClientSampleId :

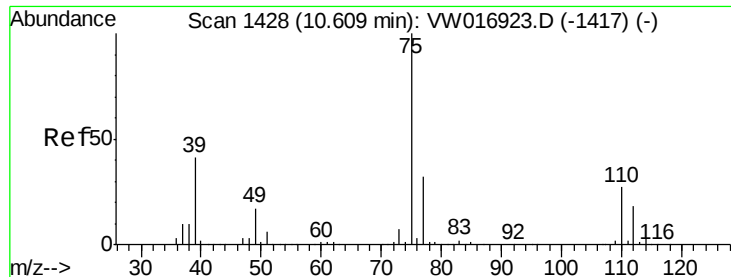
Tot Ion: 75 Resp: 4143
 Ion Ratio Lower Upper
 75 100
 77 58.6 22.1 41.1#



#43
 4-Methyl-2-pentanone
 Concen: 0.862 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW016927.D
 Acq: 16 Oct 2020 14:53

Tgt Ion: 43 Resp: 2456
 Ion Ratio Lower Upper
 43 100
 58 44.1 34.7 52.1
 100 17.6 16.9 25.3





#45

trans-1,3-Dichloropropene

Concen: 0.362 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016927.D

Acq: 16 Oct 2020 14:53

Instrument :

MSVOA_W

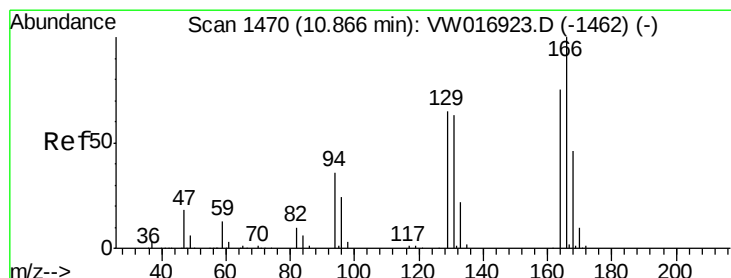
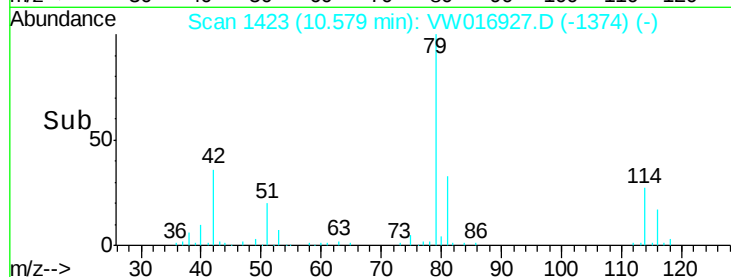
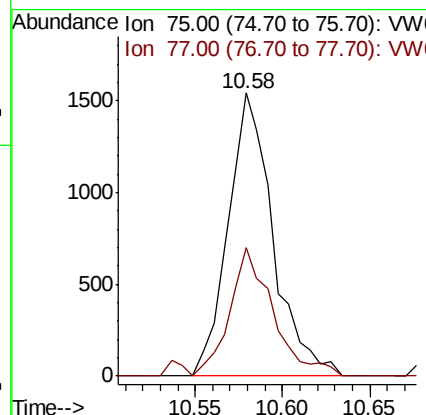
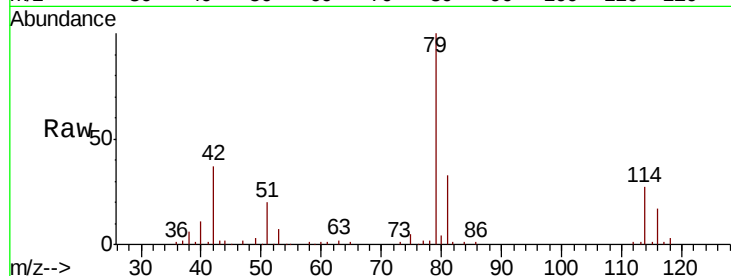
ClientSampleId :

Tot Ion: 75 Resp: 2747

Ion Ratio Lower Upper

75 100

77 45.3 22.2 41.2#



#47

Tetrachloroethene

Concen: 1.094 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016927.D

Acq: 16 Oct 2020 14:53

Tgt Ion: 164 Resp: 7181

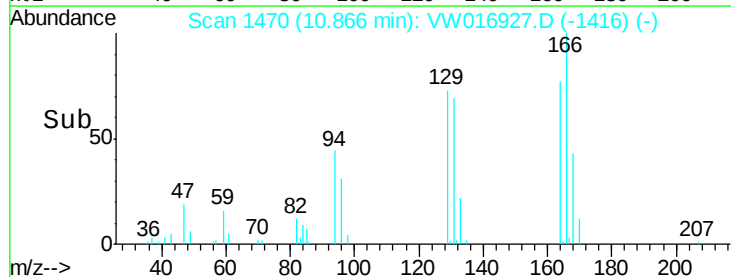
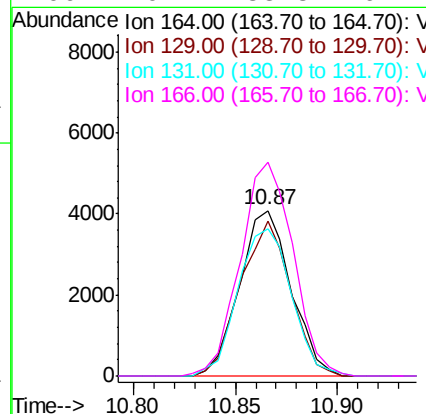
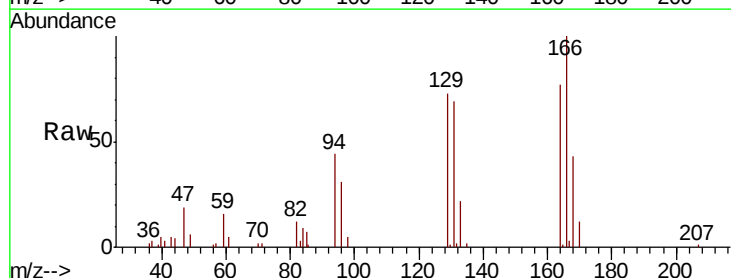
Ion Ratio Lower Upper

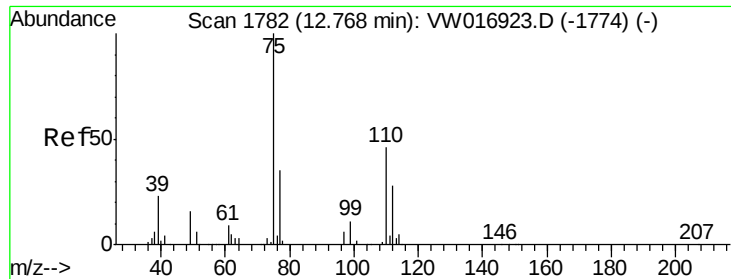
164 100

129 94.0 61.7 114.7

131 89.1 59.7 110.9

166 129.4 88.3 164.1





#59

1,2,3-Trichloropropane

Concen: 6.312 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016927.D

Acq: 16 Oct 2020 14:53

Instrument :

MSVOA_W

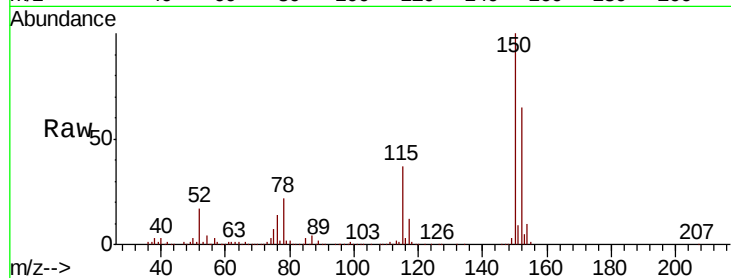
ClientSampleId :

Tot Ion: 75 Resp: 23247

Ion Ratio Lower Upper

75 100

77 38.3 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

