

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102020\
 Data File : VW016949.D
 Acq On : 20 Oct 2020 13:14
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 20 22:50:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 22:43:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	502449	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	450400	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	219714	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	88749	17.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.64%
7) Chloroethane-d5	2.90	69	80624	19.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.56%
10) 1,1-Dichloroethene-d2	4.02	63	149870	14.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.96%
20) 2-Butanone-d5	7.09	46	53563	47.71	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.42%
24) Chloroform-d	7.65	84	241075	22.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.96%
26) 1,2-Dichloroethane-d4	8.31	65	117266	22.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.60%
29) Benzene-d6	8.27	84	467033	22.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.32%
33) 1,2-Dichloropropane-d6	9.27	67	135938	24.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.92%
37) Toluene-d8	10.33	98	431051	22.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.32%
38) trans-1,3-Dichloropropene-	10.59	79	52069	21.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.92%
39) 2-Hexanone-d5	10.93	63	43168	50.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113896	25.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	166971	23.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.84%

Target Compounds

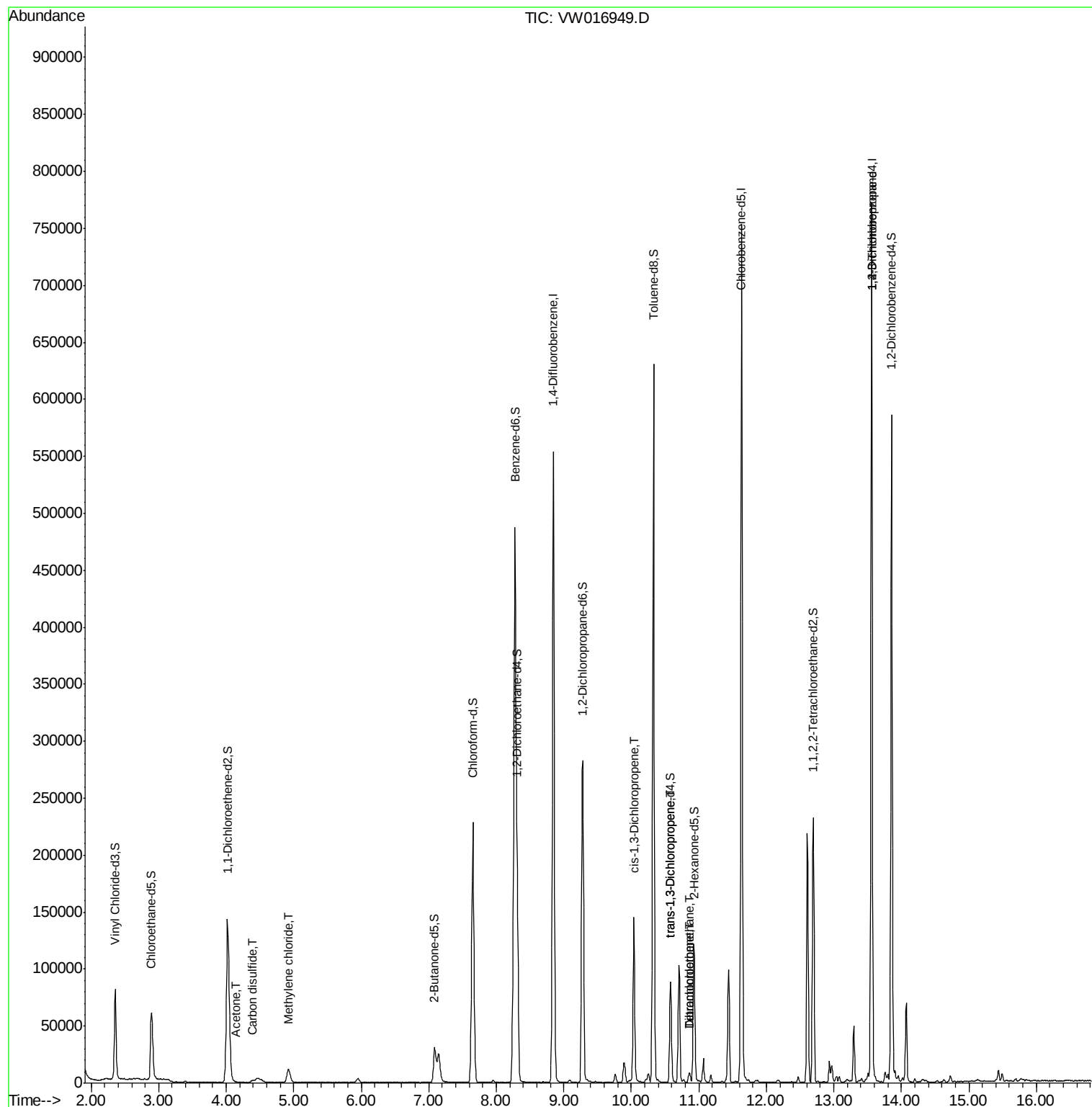
					Ovalue
13) Acetone	4.15	43	364	0.428 ug/L	77
14) Carbon disulfide	4.39	76	5259	0.282 ug/L #	93
16) Methylene chloride	4.92	84	11282	1.627 ug/L	92
42) cis-1,3-Dichloropropene	10.04	75	3720	0.427 ug/L #	75
45) trans-1,3-Dichloropropene	10.58	75	2409	0.328 ug/L	84
47) Tetrachloroethene	10.86	164	1842	0.290 ug/L	95
50) Dibromochloromethane	10.87	129	1562	0.283 ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	22694	6.376 ug/L	94

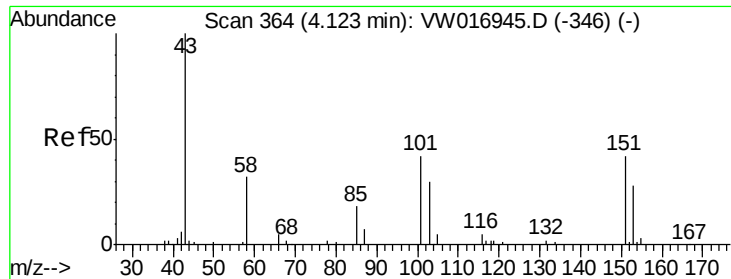
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Oct 20 22:43:28 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.428 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW016949.D

Acq: 20 Oct 2020 13:14

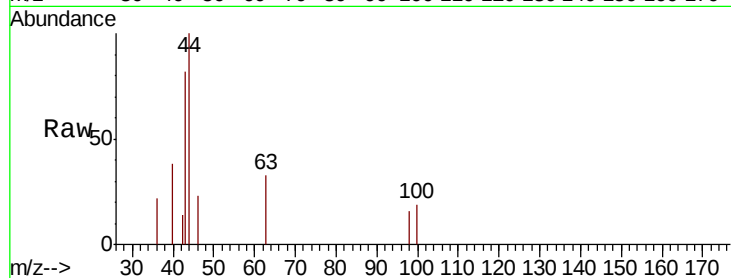
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 364

Ion Ratio Lower Upper

43 100

58 20.9 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

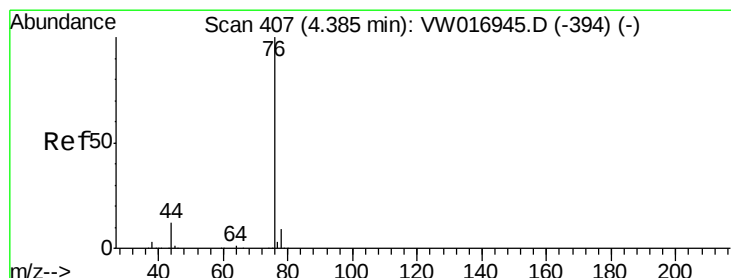
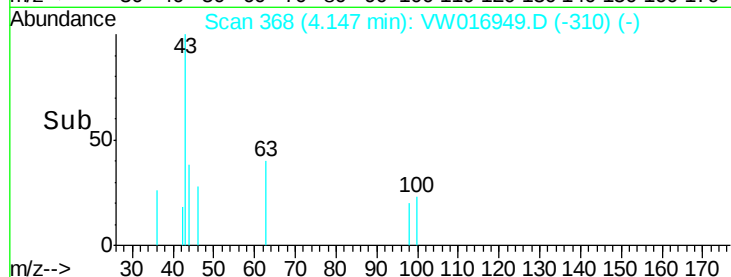
300

200

100

0

Time--> 4.10 4.12 4.14 4.16



#14

Carbon disulfide

Concen: 0.282 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW016949.D

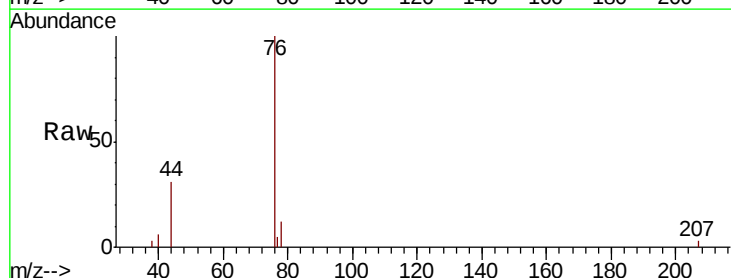
Acq: 20 Oct 2020 13:14

Tgt Ion: 76 Resp: 5259

Ion Ratio Lower Upper

76 100

78 11.8 7.4 11.0#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

2000

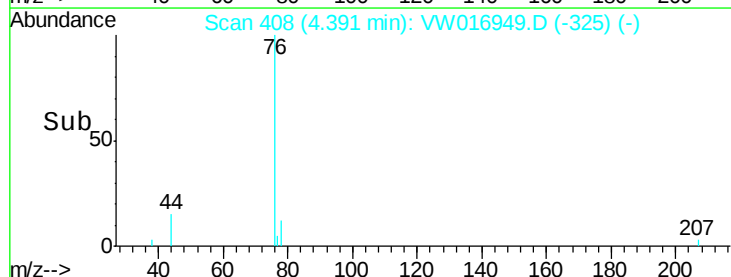
1500

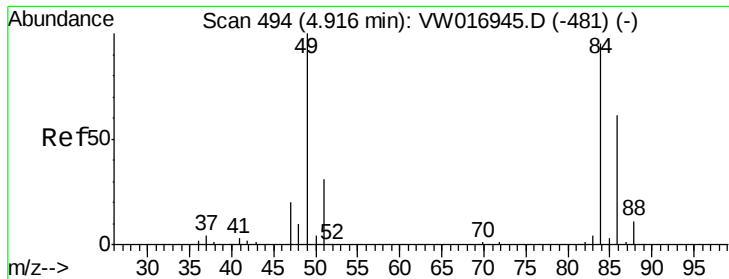
1000

500

0

Time--> 4.30 4.35 4.40 4.45 4.50

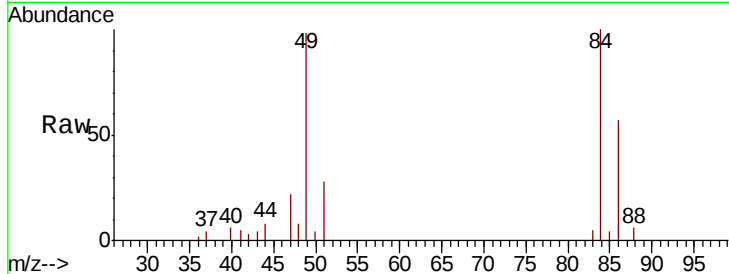




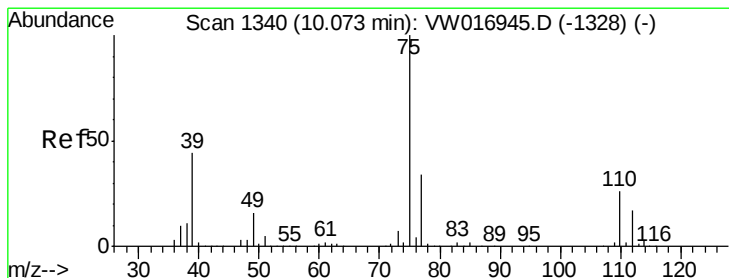
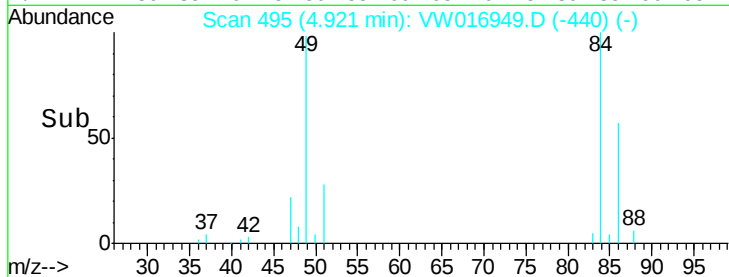
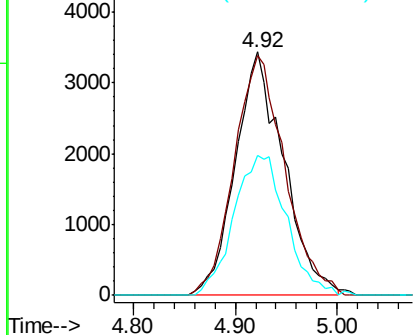
#16
Methylene chloride
Concen: 1.627 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016949.D
Acq: 20 Oct 2020 13:14

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 11282
Ion Ratio Lower Upper
84 100
49 98.4 73.1 135.8
86 57.4 46.0 85.4

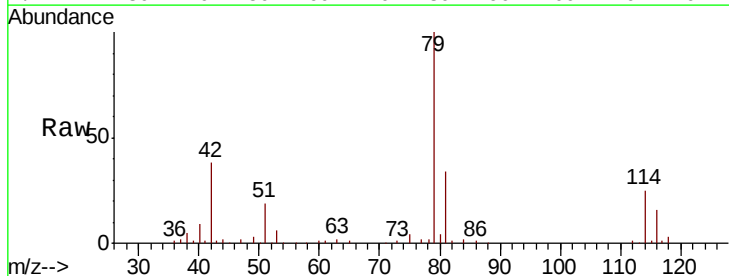


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

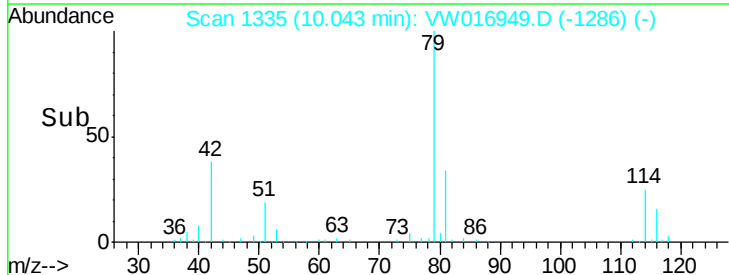
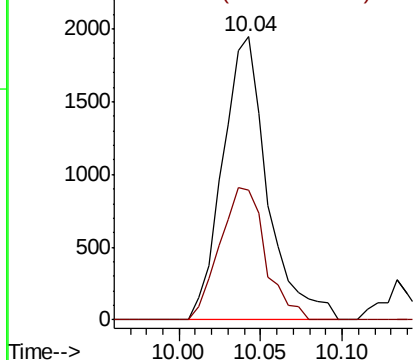


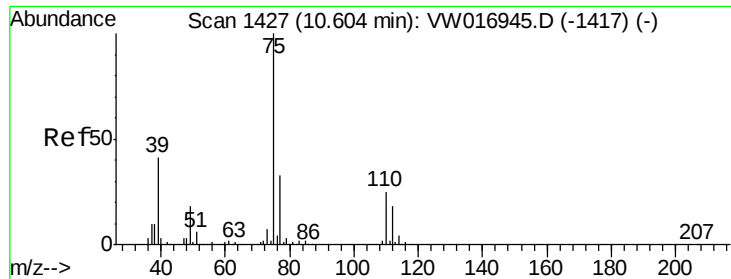
#42
cis-1,3-Dichloropropene
Concen: 0.427 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.03 min
Lab File: VW016949.D
Acq: 20 Oct 2020 13:14

Tgt Ion: 75 Resp: 3720
Ion Ratio Lower Upper
75 100
77 45.7 22.1 41.1#



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





#45

trans-1,3-Dichloropropene

Concen: 0.328 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW016949.D

Acq: 20 Oct 2020 13:14

Instrument :

MSVOA_W

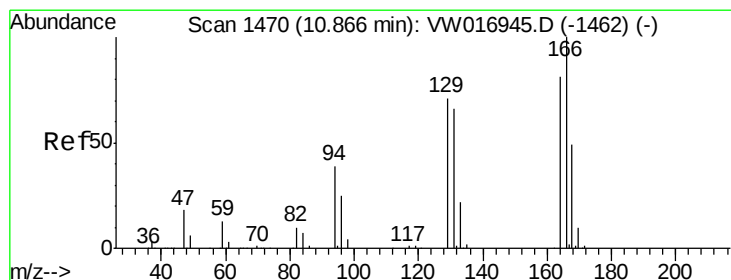
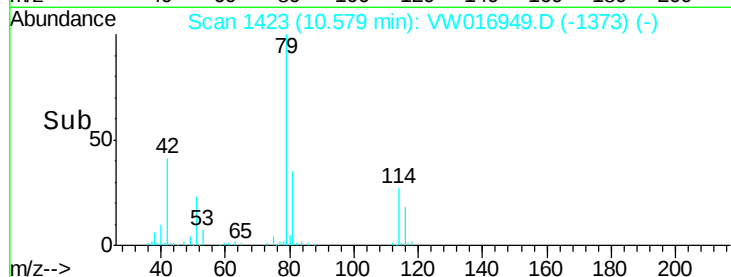
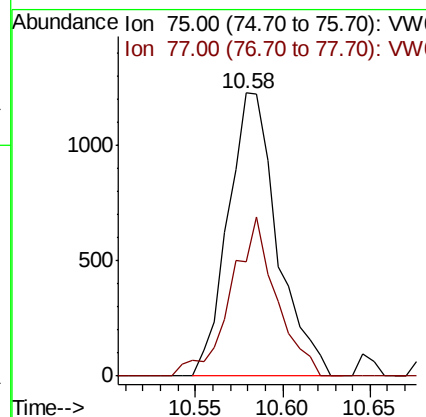
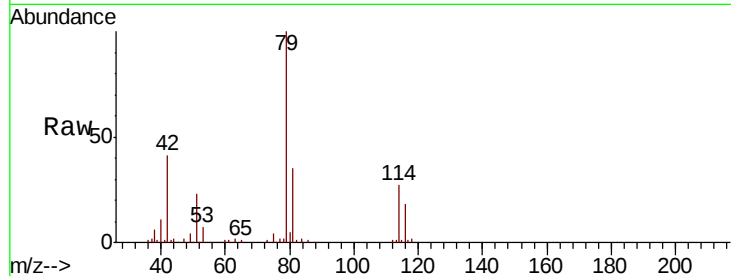
ClientSampled :

Tot Ion: 75 Resp: 2409

Ion Ratio Lower Upper

75 100

77 40.3 22.2 41.2



#47

Tetrachloroethene

Concen: 0.290 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW016949.D

Acq: 20 Oct 2020 13:14

Tgt Ion: 164 Resp: 1842

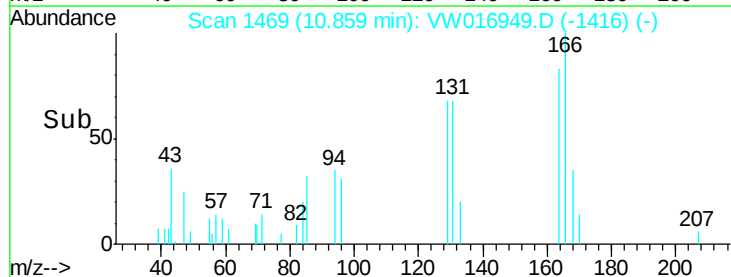
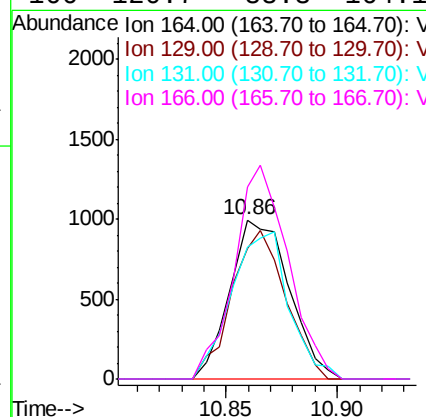
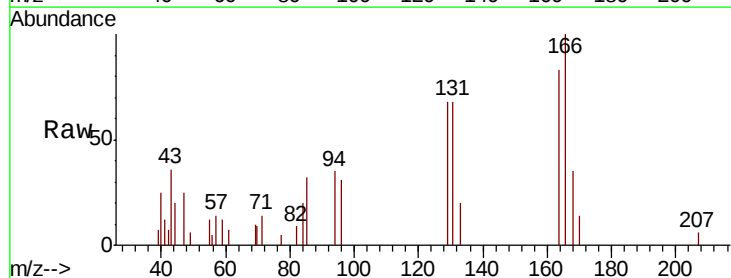
Ion Ratio Lower Upper

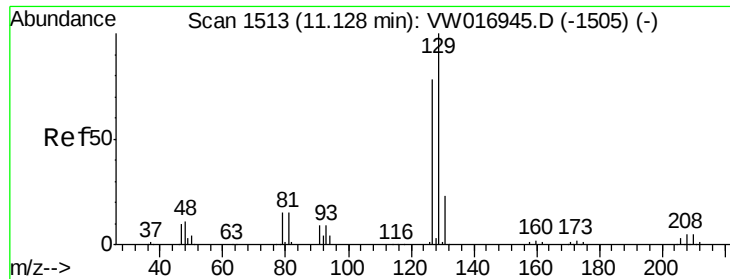
164 100

129 81.8 61.7 114.7

131 82.6 59.7 110.9

166 120.7 88.3 164.1

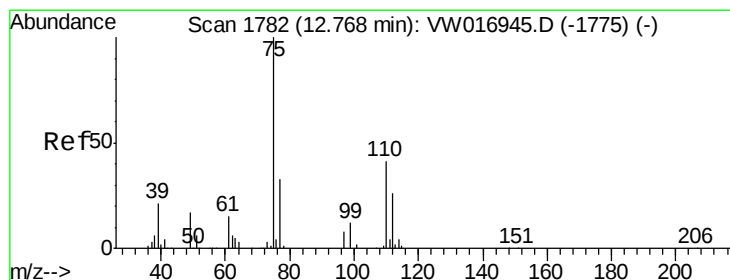
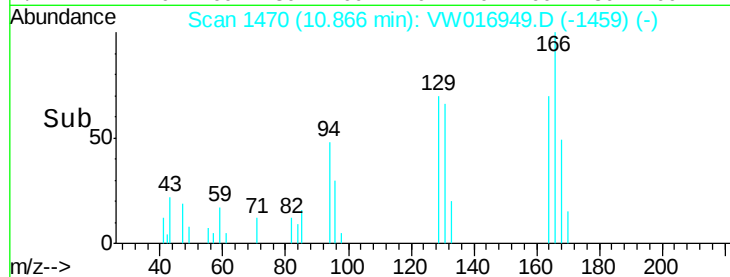
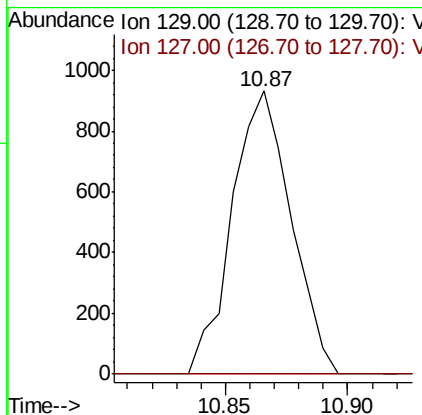
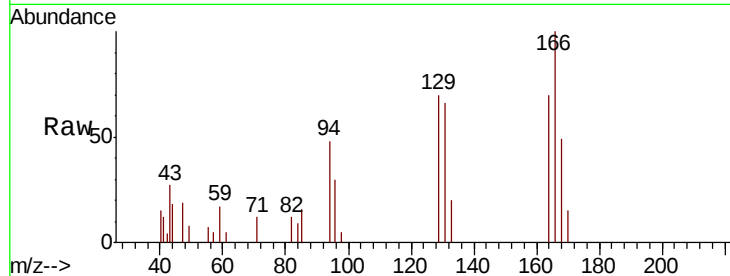




#50
 Dibromochloromethane
 Concen: 0.283 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.26 min
 Lab File: VW016949.D
 Acq: 20 Oct 2020 13:14

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:129 Resp: 1562
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.0 100.4#



#59
 1,2,3-Trichloropropane
 Concen: 6.376 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW016949.D
 Acq: 20 Oct 2020 13:14

Tgt Ion: 75 Resp: 22694
 Ion Ratio Lower Upper
 75 100
 77 35.9 26.2 39.2

