

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102320\
 Data File : VW016982.D
 Acq On : 23 Oct 2020 14:53
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 00:33:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 24 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	501792	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	462314	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	218838	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	156171	26.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.88%
7) Chloroethane-d5	2.89	69	117841	26.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.04%
10) 1,1-Dichloroethene-d2	4.02	63	218244	19.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.48%
20) 2-Butanone-d5	7.09	46	53242	48.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.60%
24) Chloroform-d	7.65	84	293029	25.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.28%
26) 1,2-Dichloroethane-d4	8.43	65	138	0.03	ug/L	0.12
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	612423	25.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.16%
33) 1,2-Dichloropropane-d6	9.28	67	165106	25.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.04%
37) Toluene-d8	10.33	98	578444	25.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.48%
38) trans-1,3-Dichloropropene-	10.58	79	66491	24.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.76%
39) 2-Hexanone-d5	10.93	63	44864	49.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120185	24.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	205028	26.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.64%

Target Compounds

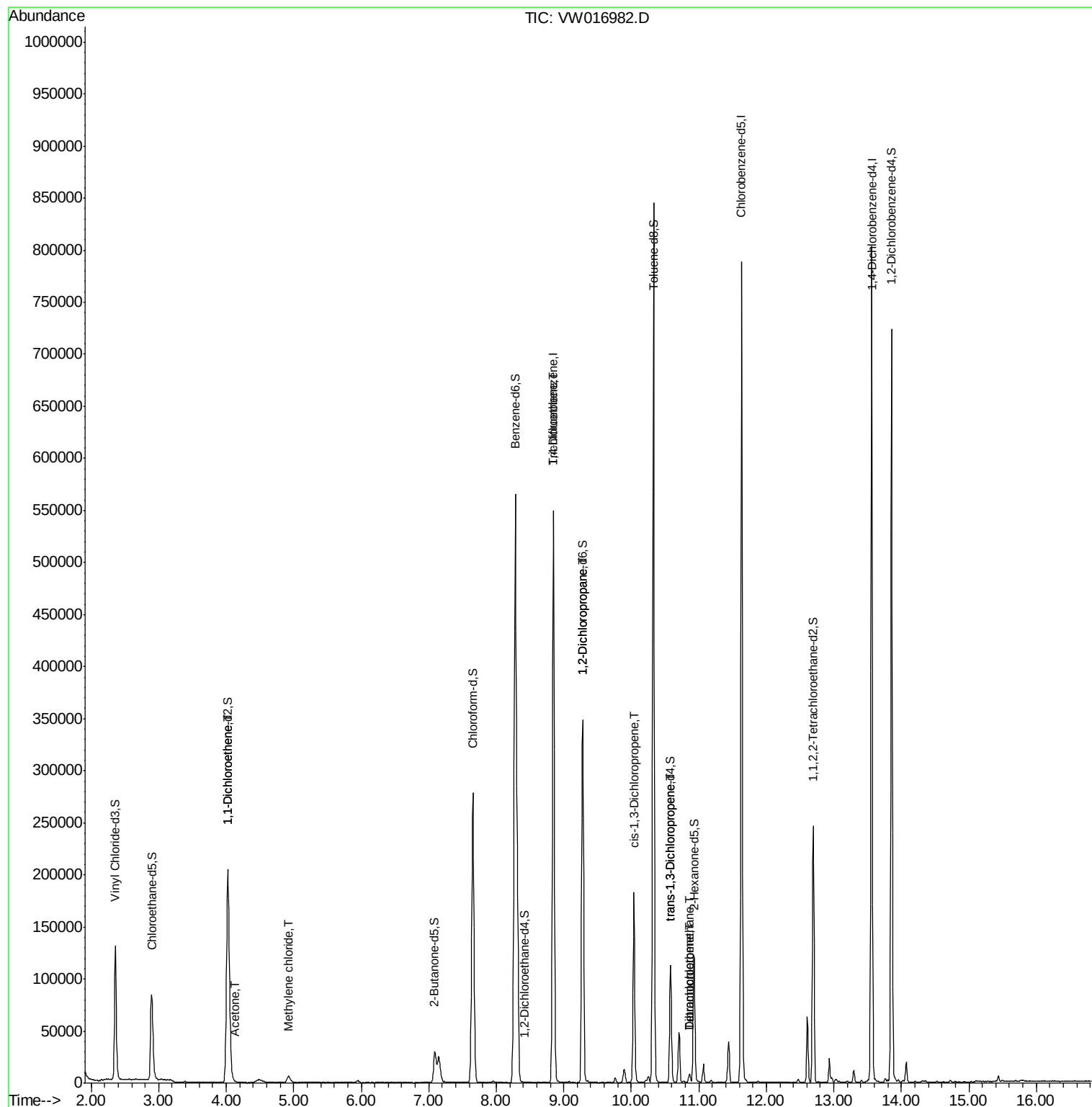
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.03	96	1889	0.288	ug/L #	1
13) Acetone	4.14	43	351	0.478	ug/L	91
16) Methylene chloride	4.93	84	5688	0.857	ug/L	94
35) Trichloroethene	8.85	95	14524	2.053	ug/L #	1
40) 1,2-Dichloropropane	9.28	63	17528	3.073	ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	4823	0.541	ug/L #	73
45) trans-1,3-Dichloropropene	10.58	75	2978	0.403	ug/L	100
47) Tetrachloroethene	10.87	164	1847	0.284	ug/L	91
50) Dibromochloromethane	10.87	129	1803	0.324	ug/L #	10

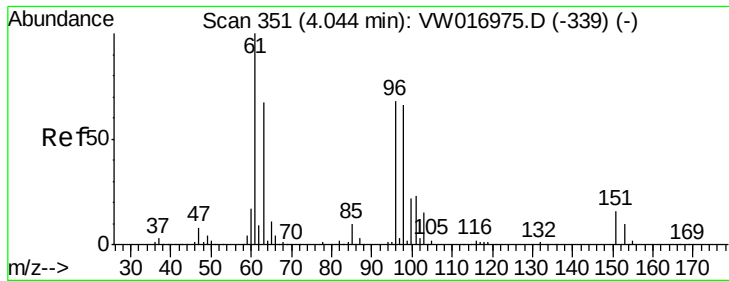
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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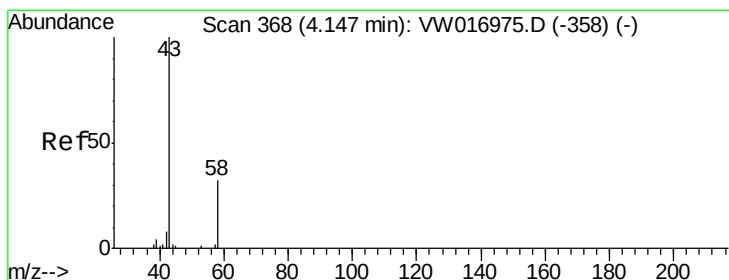
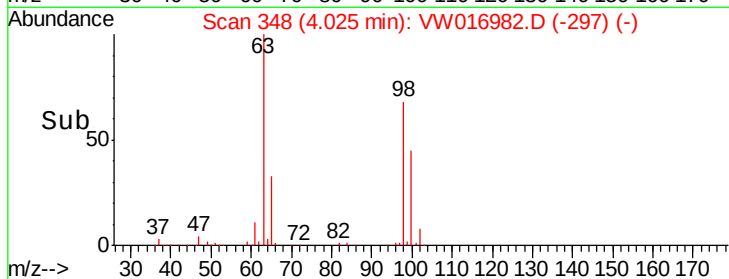
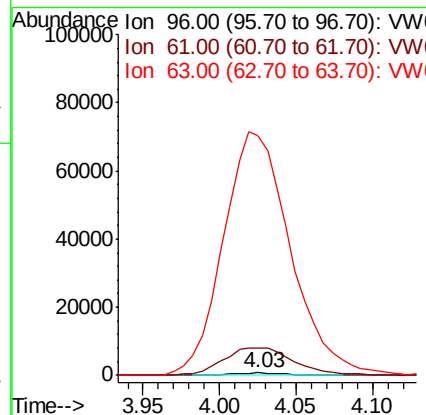
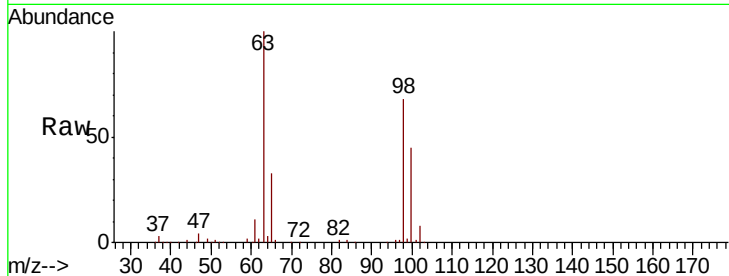




#12
 1,1-Dichloroethene
 Concen: 0.288 ug/L
 RT: 4.03 min Scan# 348
 Delta R.T. -0.02 min
 Lab File: VW016982.D
 Acq: 23 Oct 2020 14:53

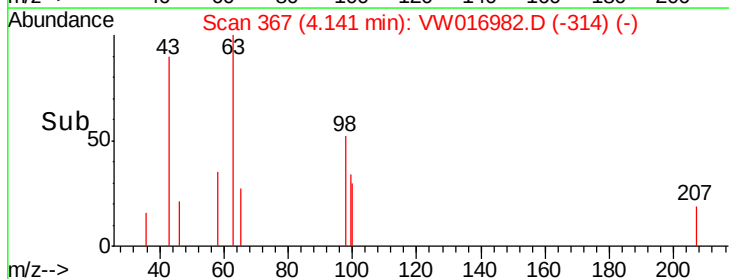
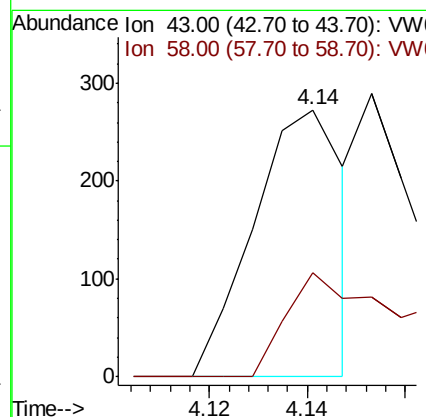
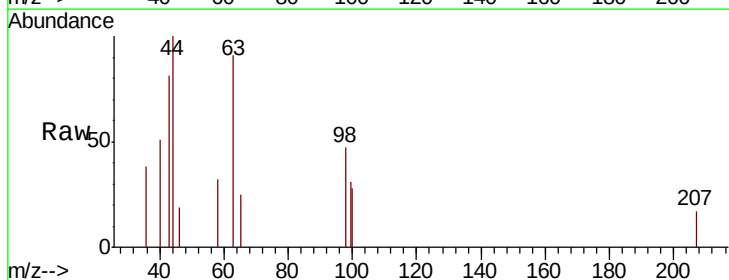
Instrument :
 MSVOA_W
 ClientSampleId :

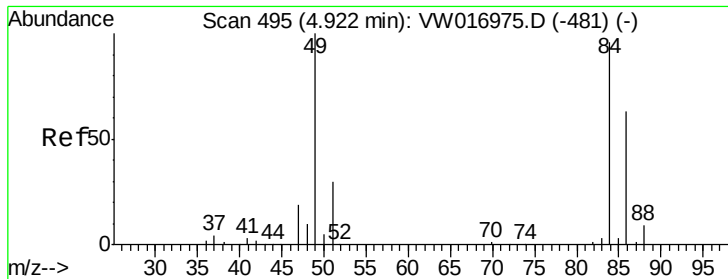
Tot Ion: 96 Resp: 1889
 Ion Ratio Lower Upper
 96 100
 61 1106.8 101.4 188.4#
 63 9729.6 78.5 145.9#



#13
 Acetone
 Concen: 0.478 ug/L
 RT: 4.14 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VW016982.D
 Acq: 23 Oct 2020 14:53

Tgt Ion: 43 Resp: 351
 Ion Ratio Lower Upper
 43 100
 58 39.9 0.0 69.8

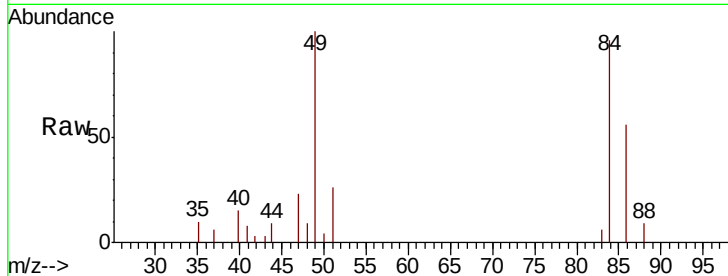




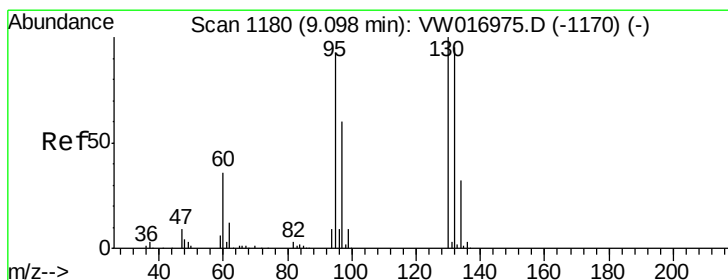
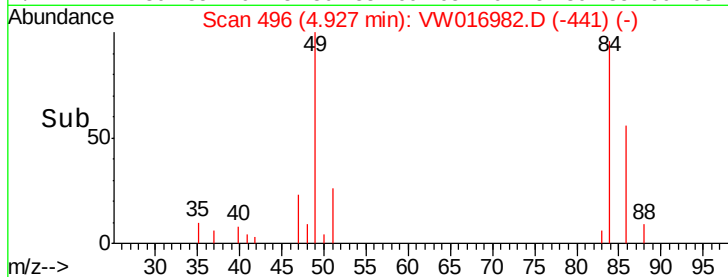
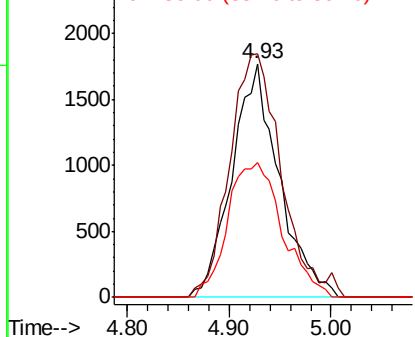
#16
Methylene chloride
Concen: 0.857 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW016982.D
Acq: 23 Oct 2020 14:53

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 5688
Ion Ratio Lower Upper
84 100
49 104.1 73.8 137.0
86 57.8 47.4 88.0

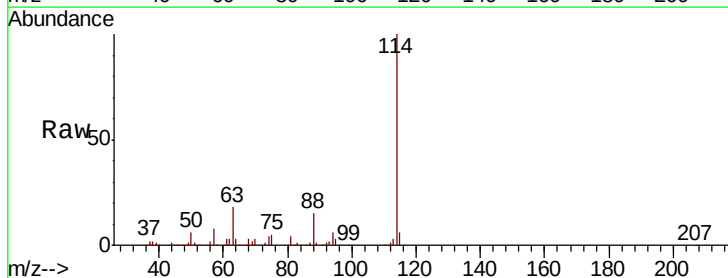


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

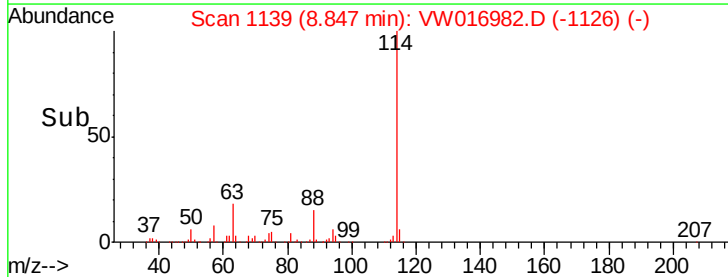
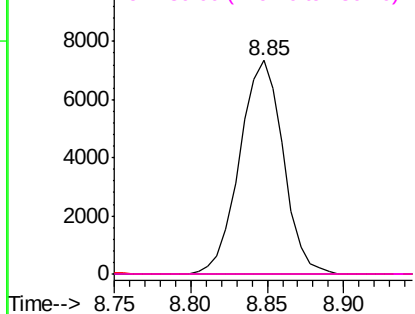


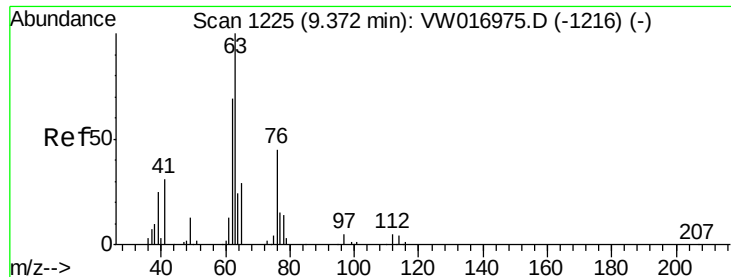
#35
Trichloroethene
Concen: 2.053 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.25 min
Lab File: VW016982.D
Acq: 23 Oct 2020 14:53

Tgt Ion: 95 Resp: 14524
Ion Ratio Lower Upper
95 100
97 0.0 46.0 85.4#
132 0.0 73.9 137.3#
130 0.0 77.6 144.2#



Abundance Ion 95.00 (94.70 to 95.70): VW
Ion 97.00 (96.70 to 97.70): VW
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V





#40

1,2-Dichloropropane

Concen: 3.073 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW016982.D

Acq: 23 Oct 2020 14:53

Instrument :

MSVOA_W

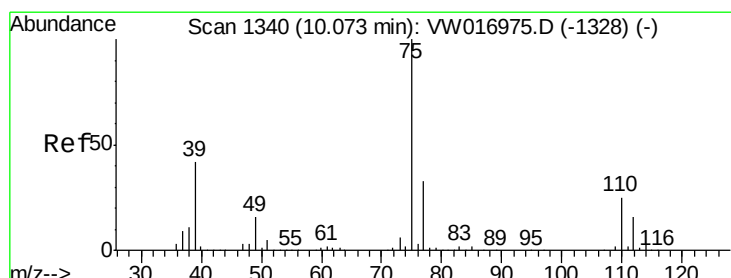
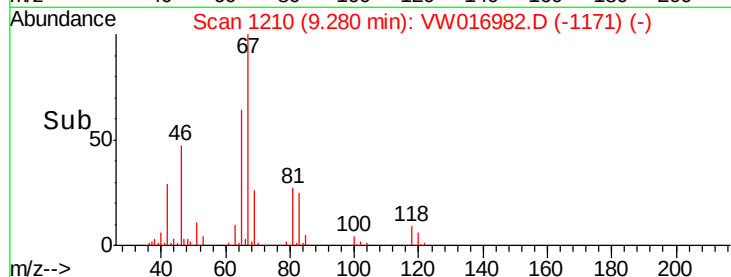
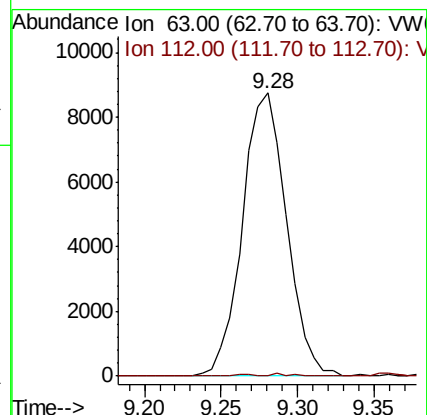
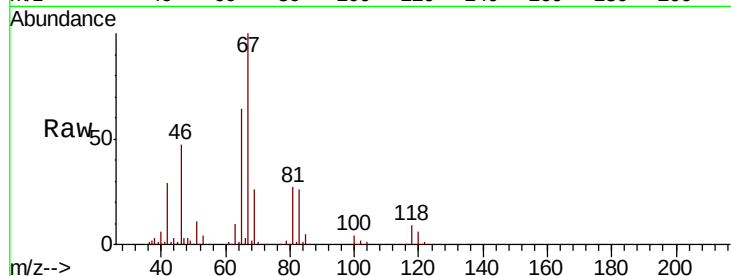
ClientSampleId :

Tot Ion: 63 Resp: 17528

Ion Ratio Lower Upper

63 100

112 0.2 4.5 6.7#



#42

cis-1,3-Dichloropropene

Concen: 0.541 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016982.D

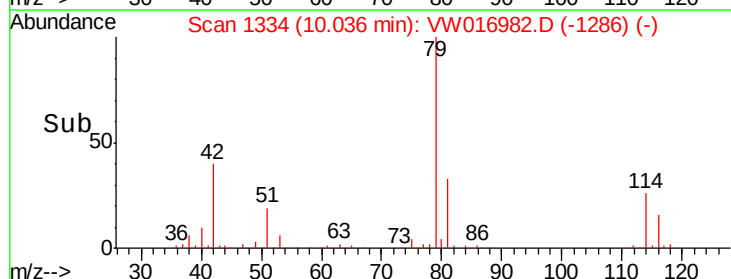
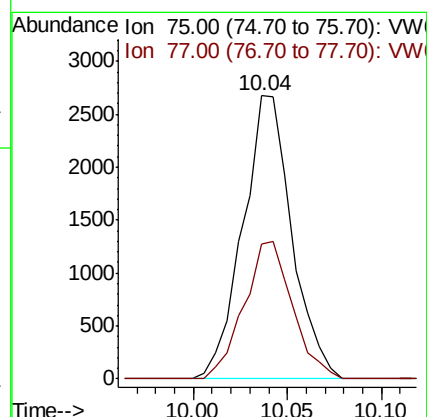
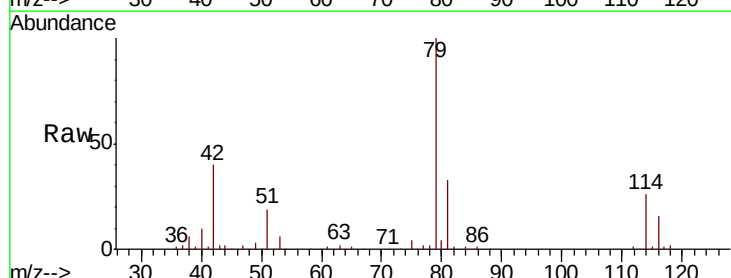
Acq: 23 Oct 2020 14:53

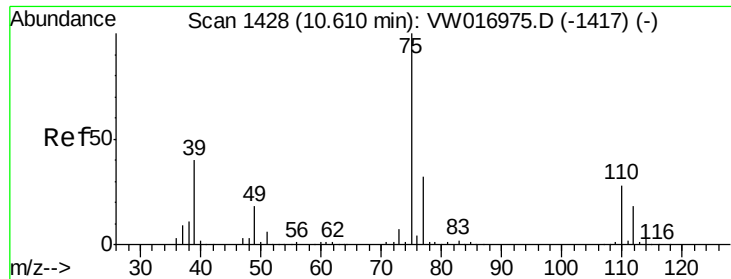
Tgt Ion: 75 Resp: 4823

Ion Ratio Lower Upper

75 100

77 47.6 22.7 42.1#





#45

trans-1,3-Dichloropropene

Concen: 0.403 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016982.D

Acq: 23 Oct 2020 14:53

Instrument :

MSVOA_W

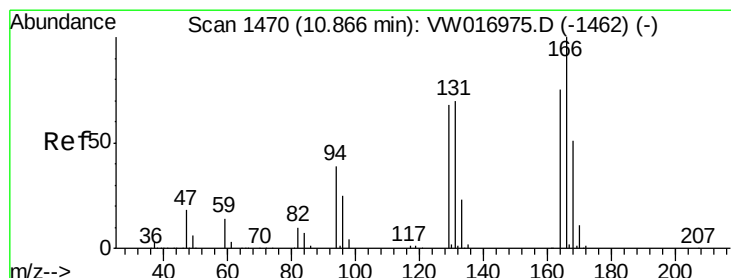
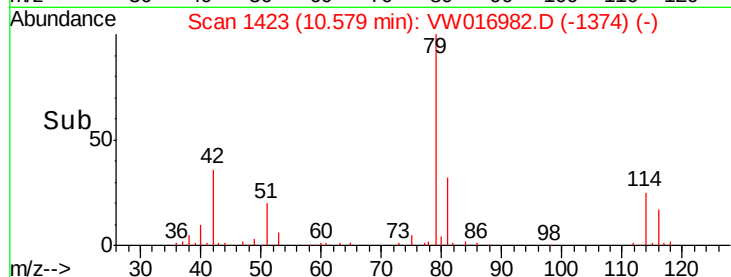
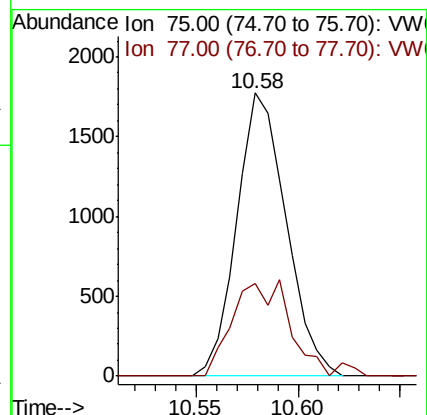
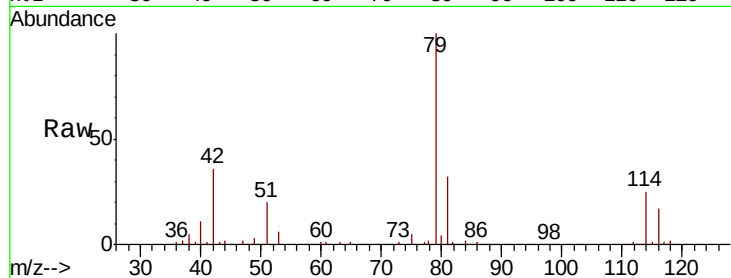
ClientSampleId :

Tot Ion: 75 Resp: 2978

Ion Ratio Lower Upper

75 100

77 32.5 22.7 42.3



#47

Tetrachloroethene

Concen: 0.284 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016982.D

Acq: 23 Oct 2020 14:53

Tgt Ion:164 Resp: 1847

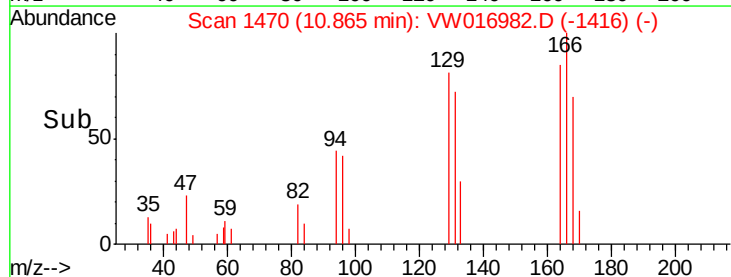
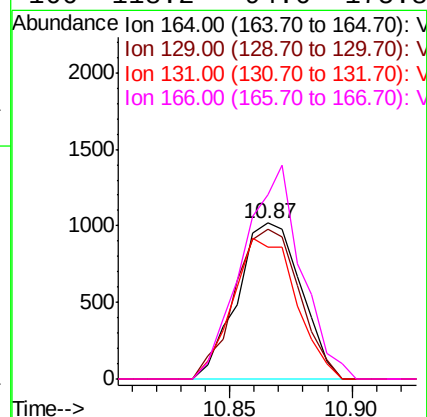
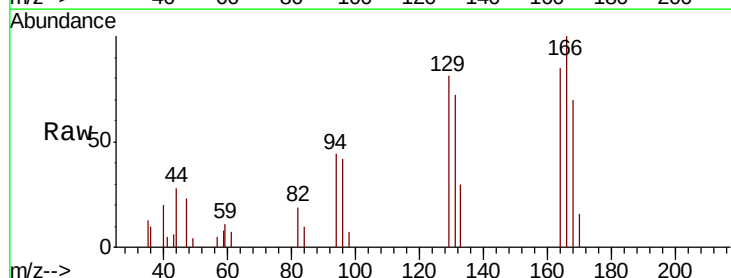
Ion Ratio Lower Upper

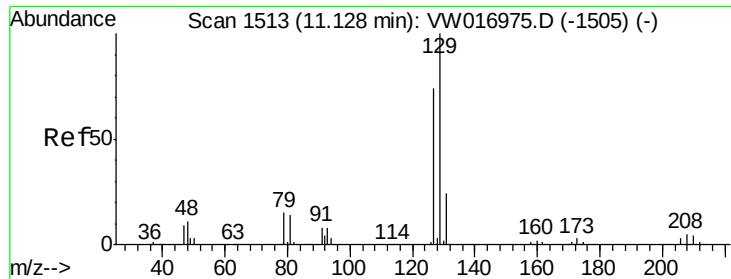
164 100

129 96.2 64.0 119.0

131 84.8 61.7 114.5

166 118.2 94.6 175.8

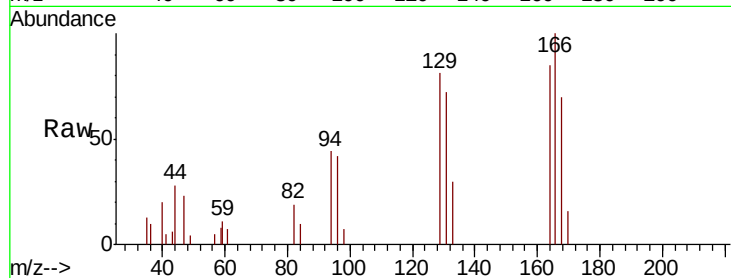




#50
 Dibromochloromethane
 Concen: 0.324 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.26 min
 Lab File: VW016982.D
 Acq: 23 Oct 2020 14:53

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:129 Resp: 1803
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.4 102.8#



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

