

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101720\
 Data File : VW016934.D
 Acq On : 16 Oct 2020 18:25
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 17 00:45:48 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	497420	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	468353	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	219623	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	86461	17.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.48%
7) Chloroethane-d5	2.89	69	74052	17.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.96%
10) 1,1-Dichloroethene-d2	4.03	63	133897	12.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.40%
20) 2-Butanone-d5	7.08	46	69447	62.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.96%
24) Chloroform-d	7.65	84	223287	21.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.08%
26) 1,2-Dichloroethane-d4	8.40	65	74	0.01	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	433173	20.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.44%
33) 1,2-Dichloropropane-d6	9.27	67	125931	22.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.12%
37) Toluene-d8	10.32	98	400196	19.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.76%
38) trans-1,3-Dichloropropene-	10.58	79	52156	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.76%
39) 2-Hexanone-d5	10.93	63	55144	62.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126280	27.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	159384	22.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.52%

Target Compounds

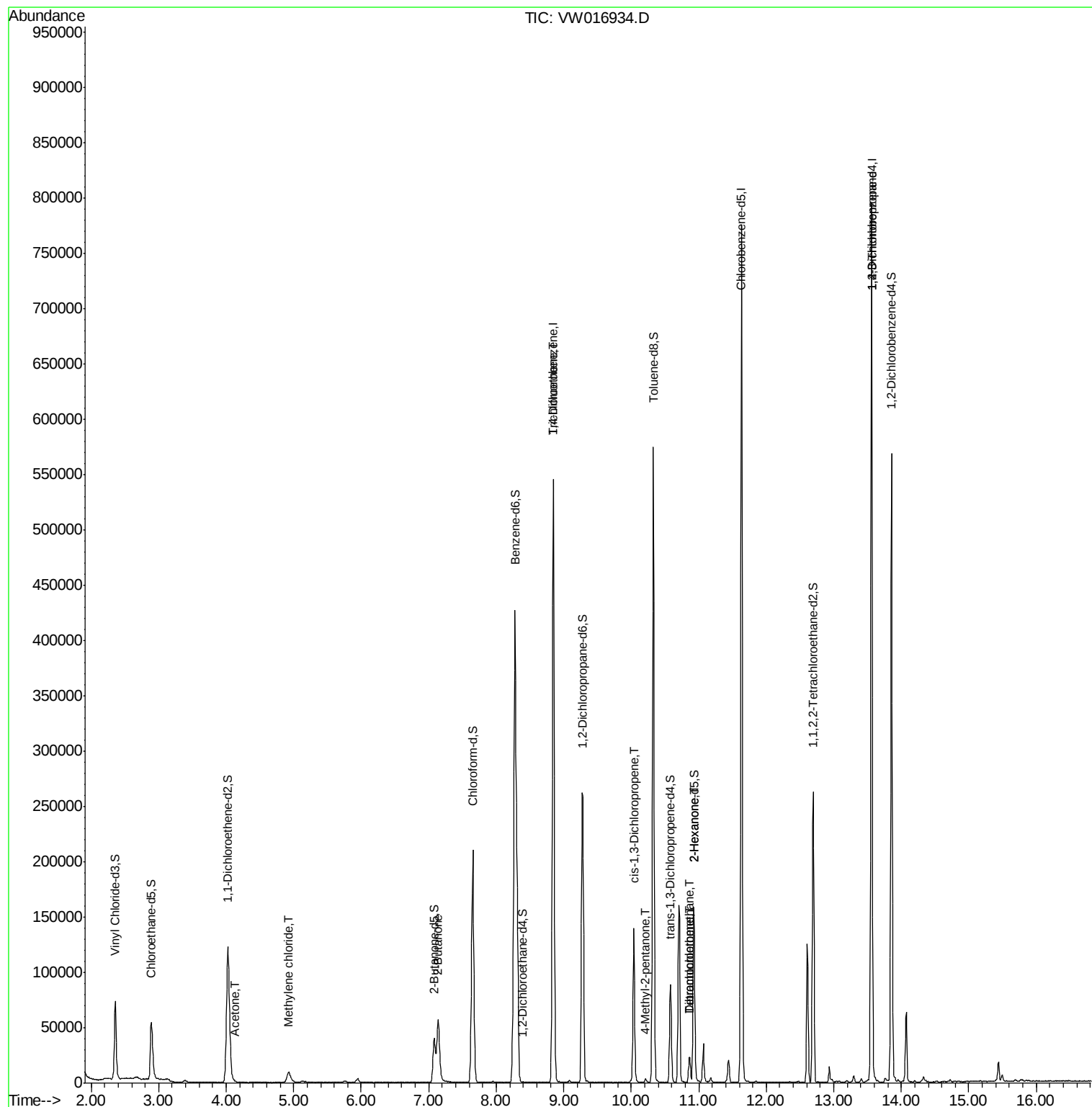
					Ovalue
13) Acetone	4.13	43	1056	1.255	ug/L 58
16) Methylene chloride	4.92	84	9412	1.371	ug/L 91
21) 2-Butanone	7.13	43	1297	0.919	ug/L 90
35) Trichloroethene	8.85	95	14653	2.060	ug/L # 2
42) cis-1,3-Dichloropropene	10.04	75	3494	0.385	ug/L # 75
43) 4-Methyl-2-pentanone	10.21	43	2341	0.818	ug/L # 93
47) Tetrachloroethene	10.87	164	5712	0.866	ug/L 90
49) 2-Hexanone	10.93	43	6226	3.294	ug/L # 62
50) Dibromochloromethane	10.87	129	4937	0.859	ug/L # 11
59) 1,2,3-Trichloropropane	13.56	75	23444	6.334	ug/L 93

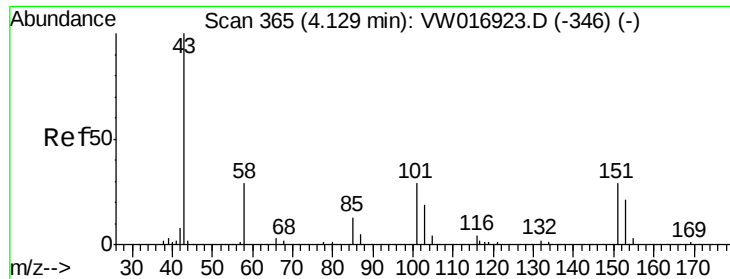
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 1.255 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW016934.D

Acq: 16 Oct 2020 18:25

Instrument :

MSVOA_W

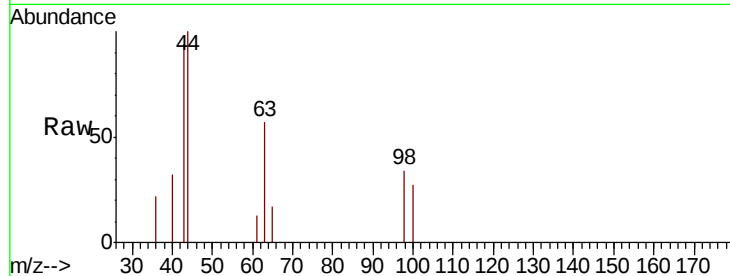
ClientSampled :

Tot Ion: 43 Resp: 1056

Ion Ratio Lower Upper

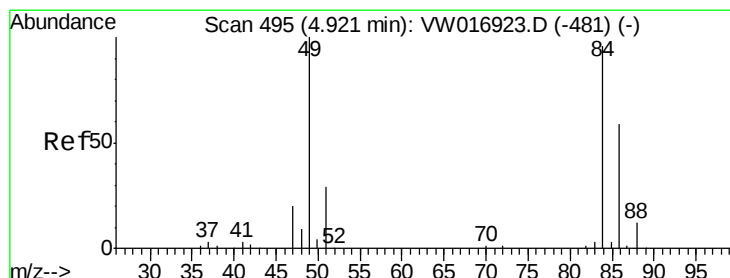
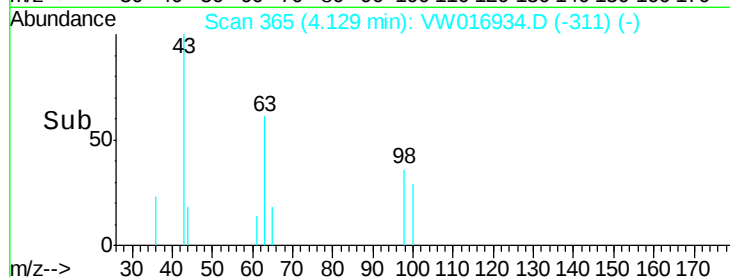
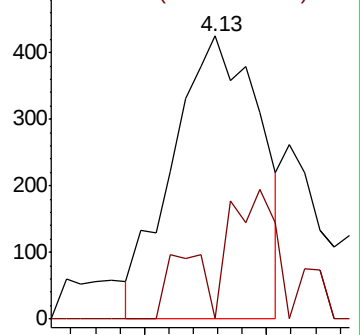
43 100

58 9.8 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.371 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW016934.D

Acq: 16 Oct 2020 18:25

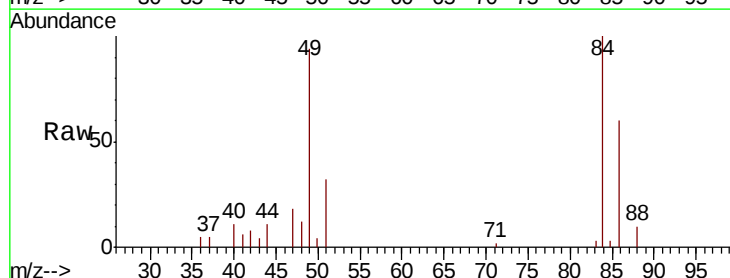
Tgt Ion: 84 Resp: 9412

Ion Ratio Lower Upper

84 100

49 94.0 73.1 135.8

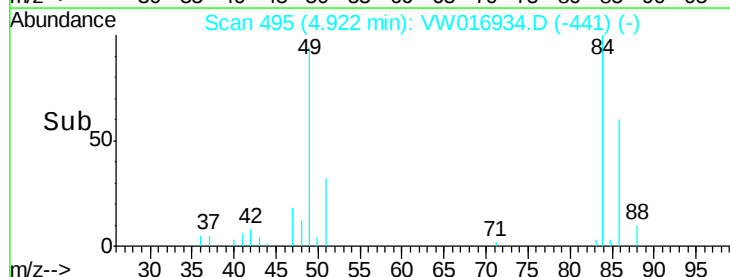
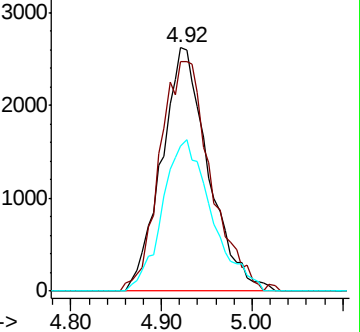
86 59.7 46.0 85.4

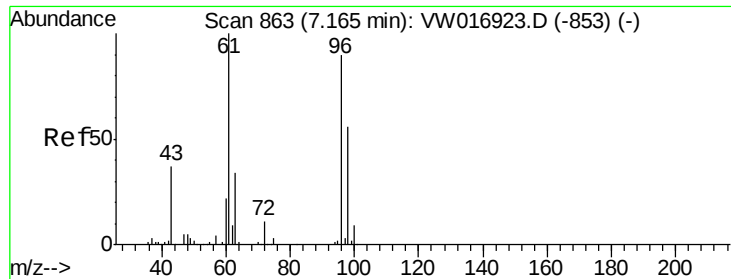


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 0.919 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW016934.D

Acq: 16 Oct 2020 18:25

Instrument :

MSVOA_W

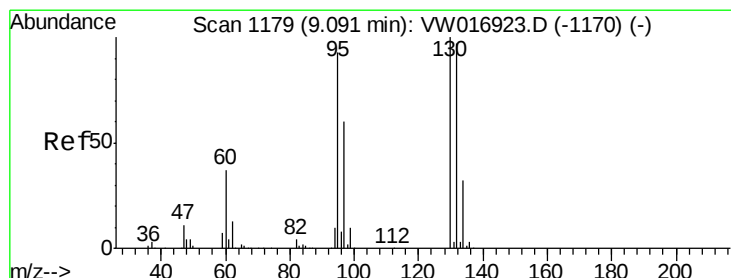
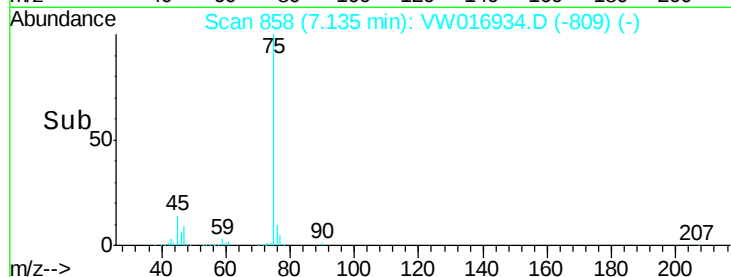
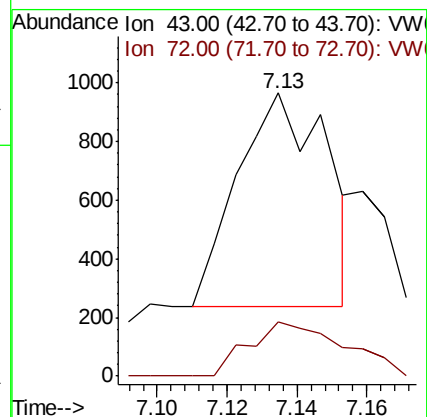
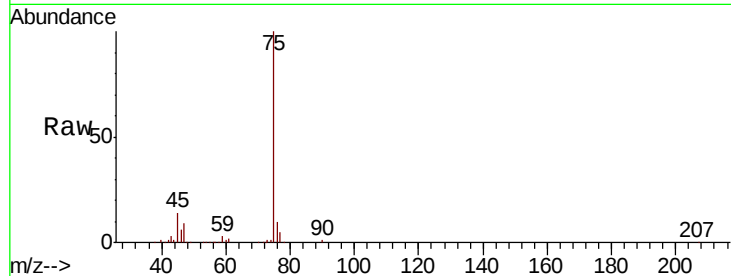
ClientSampled :

Tot Ion: 43 Resp: 1297

Ion Ratio Lower Upper

43 100

72 26.9 16.2 48.5



#35

Trichloroethene

Concen: 2.060 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW016934.D

Acq: 16 Oct 2020 18:25

Tgt Ion: 95 Resp: 14653

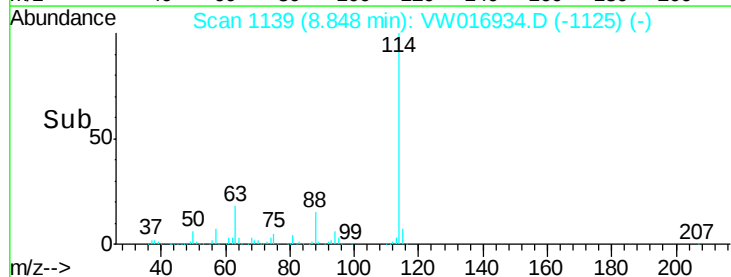
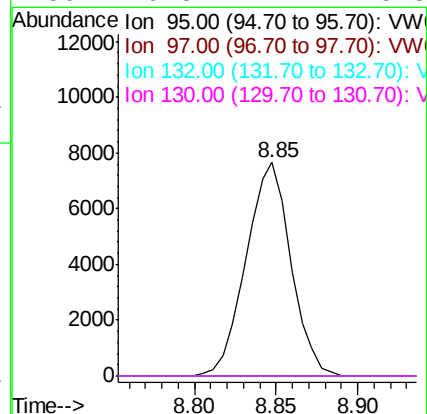
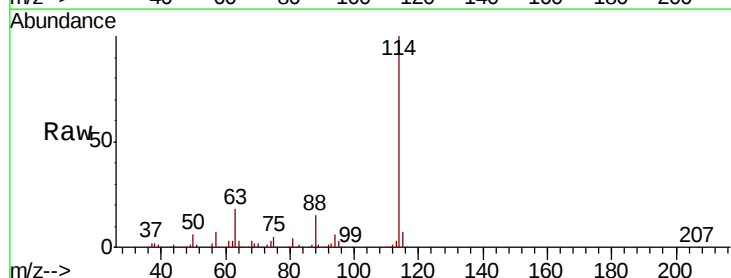
Ion Ratio Lower Upper

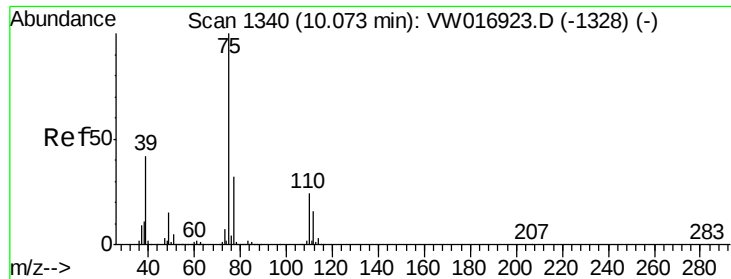
95 100

97 0.0 44.7 83.1#

132 1.0 73.8 137.2#

130 0.8 77.1 143.3#

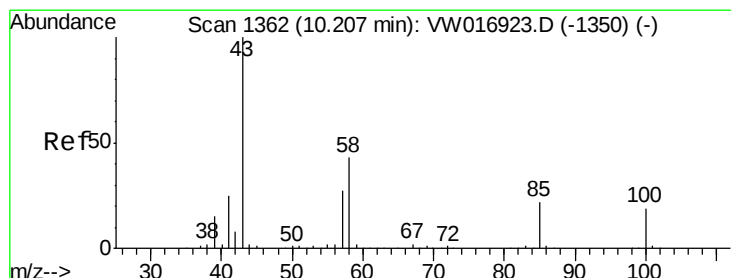
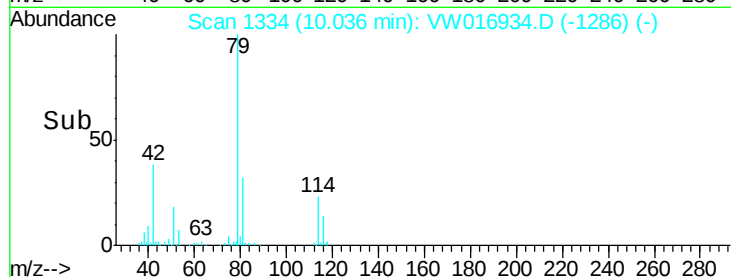
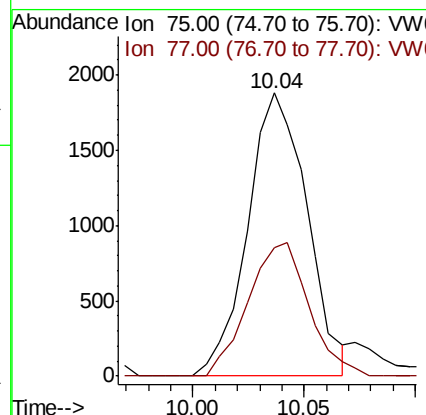
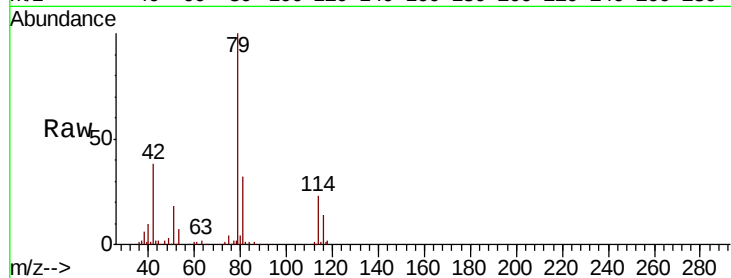




#42
 cis-1,3-Dichloropropene
 Concen: 0.385 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016934.D
 Acq: 16 Oct 2020 18:25

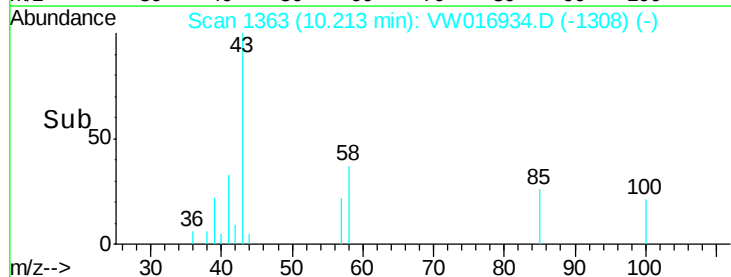
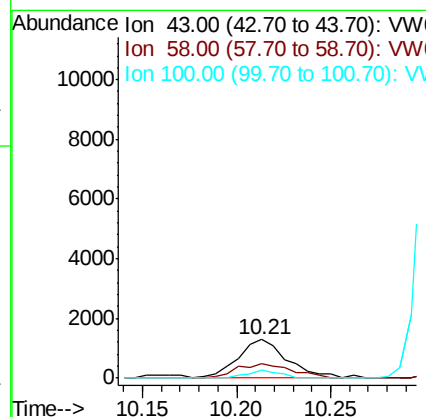
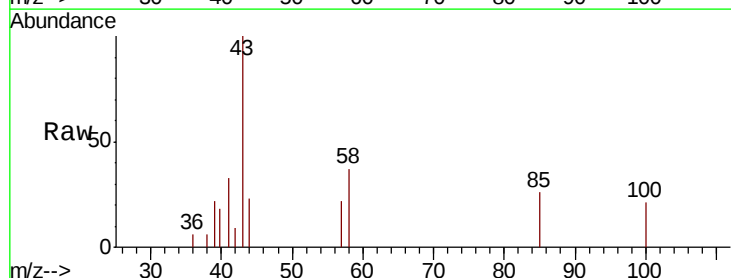
Instrument :
 MSVOA_W
 ClientSampleId :

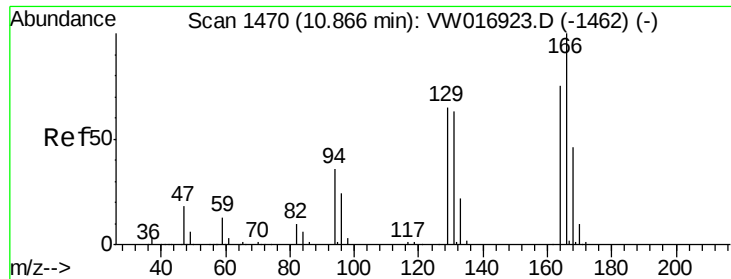
Tot Ion: 75 Resp: 3494
 Ion Ratio Lower Upper
 75 100
 77 45.3 22.1 41.1#



#43
 4-Methyl-2-pentanone
 Concen: 0.818 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW016934.D
 Acq: 16 Oct 2020 18:25

Tgt Ion: 43 Resp: 2341
 Ion Ratio Lower Upper
 43 100
 58 41.6 34.7 52.1
 100 13.8 16.9 25.3#

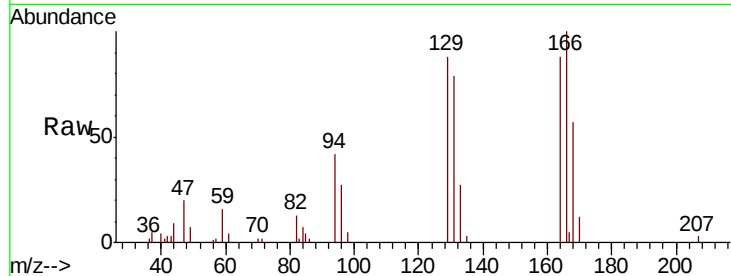




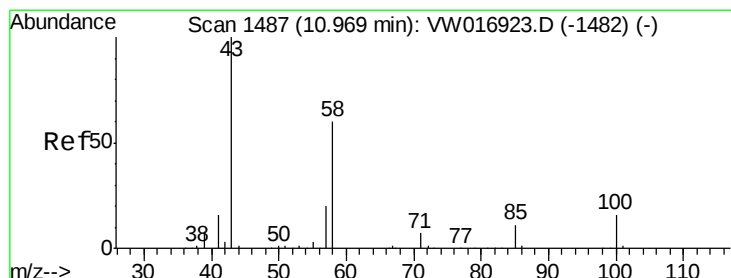
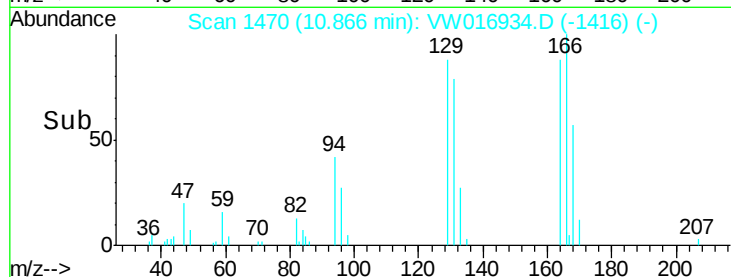
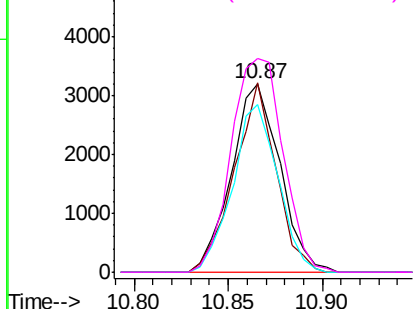
#47
Tetrachloroethene
Concen: 0.866 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016934.D
Acq: 16 Oct 2020 18:25

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:164 Resp: 5712
Ion Ratio Lower Upper
164 100
129 100.3 61.7 114.7
131 89.1 59.7 110.9
166 113.5 88.3 164.1

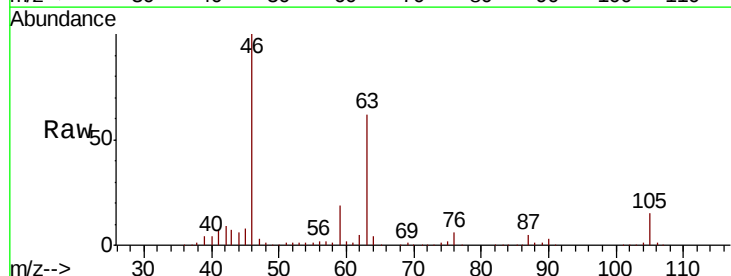


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

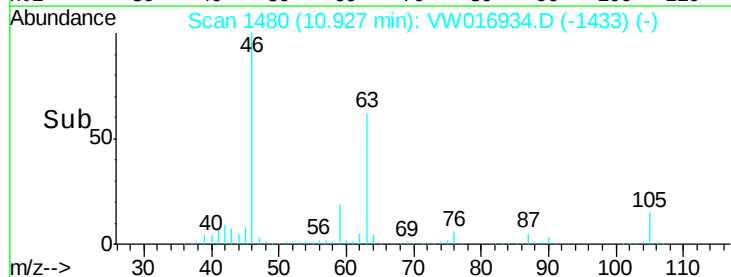
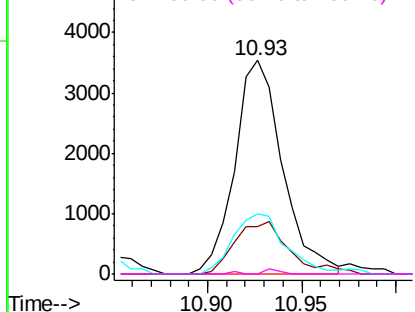


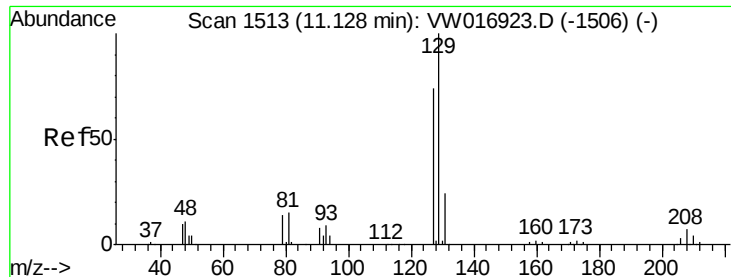
#49
2-Hexanone
Concen: 3.294 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW016934.D
Acq: 16 Oct 2020 18:25

Tgt Ion: 43 Resp: 6226
Ion Ratio Lower Upper
43 100
58 26.2 47.1 70.7#
57 30.6 16.2 24.4#
100 0.9 13.3 19.9#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW
Ion 57.00 (56.70 to 57.70): VW
Ion 100.00 (99.70 to 100.70): VW

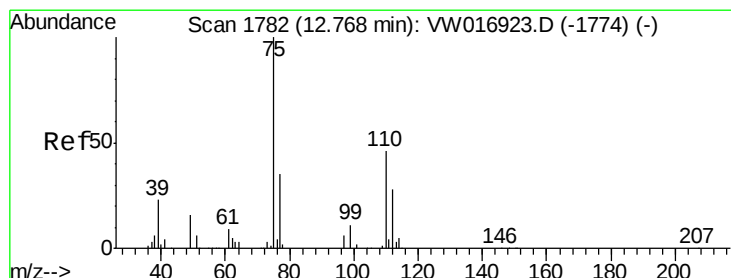
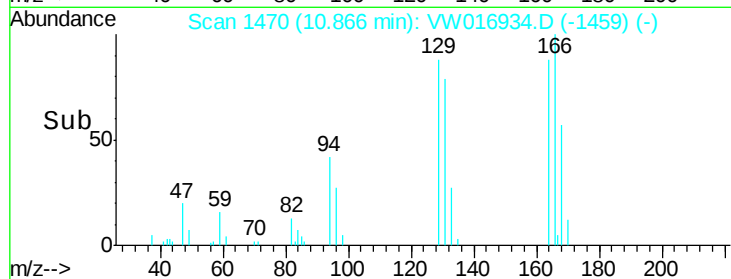
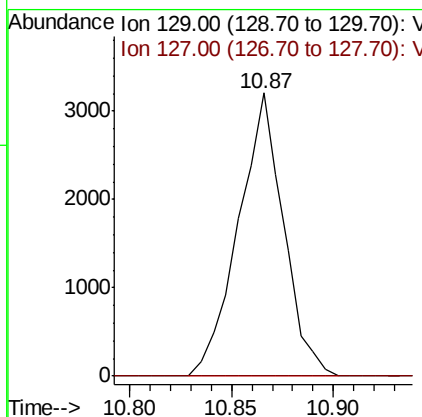
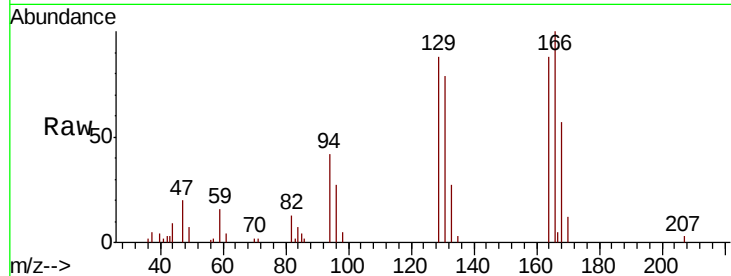




#50
 Dibromochloromethane
 Concen: 0.859 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.26 min
 Lab File: VW016934.D
 Acq: 16 Oct 2020 18:25

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:129 Resp: 4937
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.0 100.4#



#59
 1,2,3-Trichloropropane
 Concen: 6.334 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW016934.D
 Acq: 16 Oct 2020 18:25

Tgt Ion: 75 Resp: 23444
 Ion Ratio Lower Upper
 75 100
 77 36.5 26.2 39.2

