

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101920\
 Data File : VW016939.D
 Acq On : 19 Oct 2020 10:57
 Operator : SY/VA
 Sample : L4426-13RE
 Misc : 5.35G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y8

Quant Time: Oct 20 08:49:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 08:48:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	635725	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	536155	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	244260	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	120874	19.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.08%
7) Chloroethane-d5	2.89	69	107163	20.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.48%
10) 1,1-Dichloroethene-d2	4.02	63	193568	14.54	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.16%
20) 2-Butanone-d5	7.08	46	55704	39.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.42%
24) Chloroform-d	7.65	84	289109	21.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	8.31	65	140579	21.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.80%
29) Benzene-d6	8.27	84	589153	24.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.76%
33) 1,2-Dichloropropane-d6	9.27	67	162586	24.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.36%
37) Toluene-d8	10.33	98	544474	23.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.80%
38) trans-1,3-Dichloropropene-	10.58	79	64760	22.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.76%
39) 2-Hexanone-d5	10.93	63	45492	44.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118536	22.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	183951	23.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	3222	0.392	ug/L #	1
13) Acetone	4.14	43	5834	5.427	ug/L	91
14) Carbon disulfide	4.39	76	4721	0.200	ug/L	98
16) Methylene chloride	4.92	84	8492	0.968	ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	3720	0.425	ug/L	86
34) Benzene	8.32	78	15930	0.553	ug/L	100
35) Trichloroethene	9.09	95	226986	27.871	ug/L	98
36) Methylcyclohexane	9.27	83	41934	3.062	ug/L #	22
40) 1,2-Dichloropropane	9.28	63	18143	2.787	ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	4645	0.447	ug/L #	67
43) 4-Methyl-2-pentanone	10.21	43	5192	1.584	ug/L	98
45) trans-1,3-Dichloropropene	10.58	75	2674	0.306	ug/L #	80
47) Tetrachloroethene	10.87	164	3722369	492.992	ug/L	98
49) 2-Hexanone	10.93	43	4932	2.280	ug/L #	61
59) 1,2,3-Trichloropropane	13.56	75	24193	5.710	ug/L	90

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Quant Title : VOC Analysis
QLast Update : Tue Oct 20 08:48:34 2020
Response via : Initial Calibration

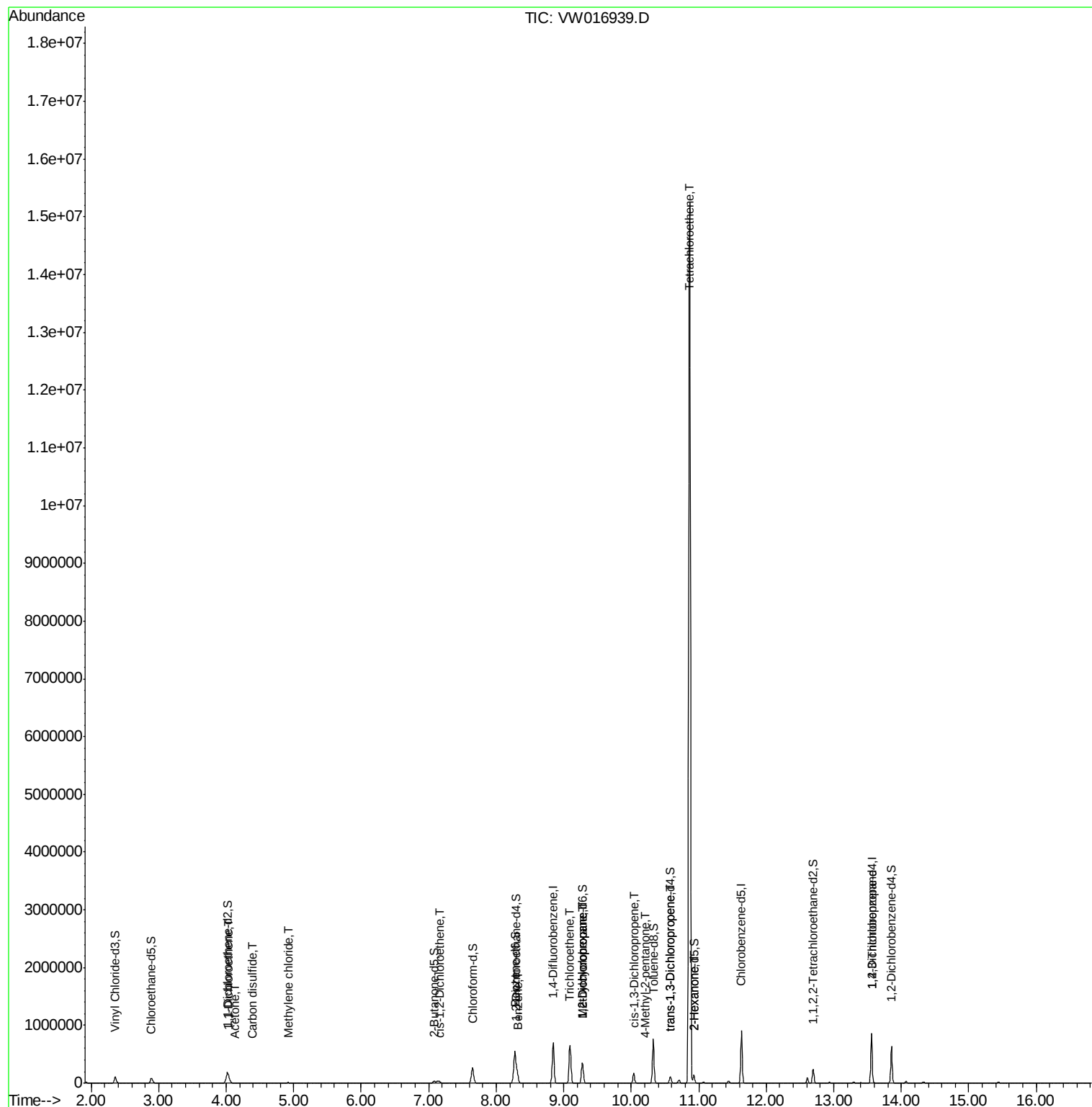
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

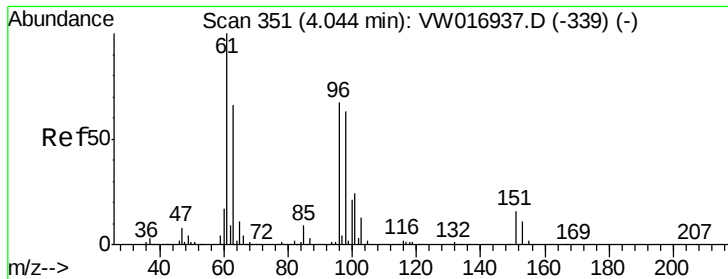
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101920\
Data File : VW016939.D
Acq On : 19 Oct 2020 10:57
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Misc : 5.35G/10ML/MSVOA W/SOIL
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Quant Time: Oct 20 08:49:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 20 08:48:34 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.392 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW016939.D

Acq: 19 Oct 2020 10:57

Instrument :

MSVOA_W

ClientSampleId :

BG3Y8

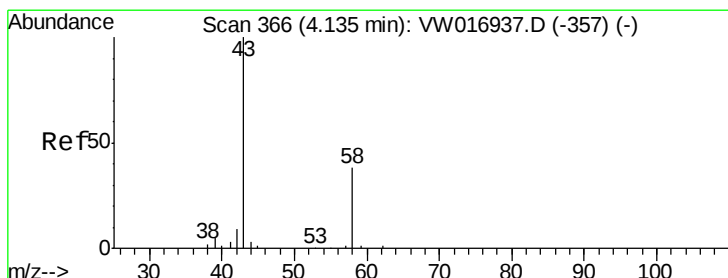
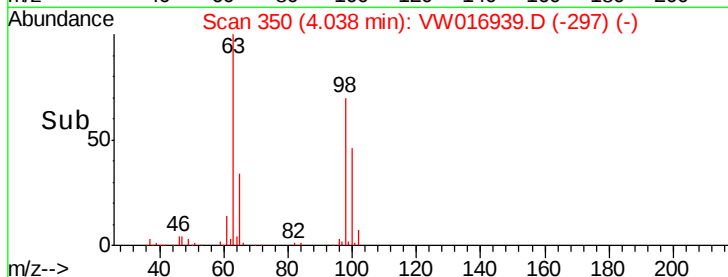
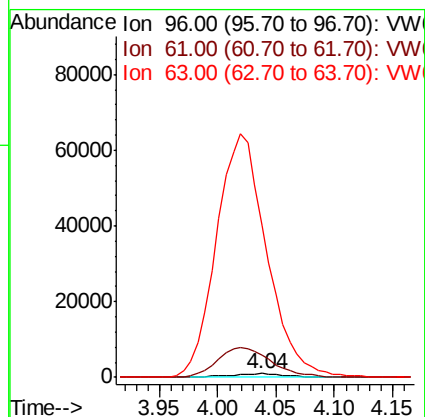
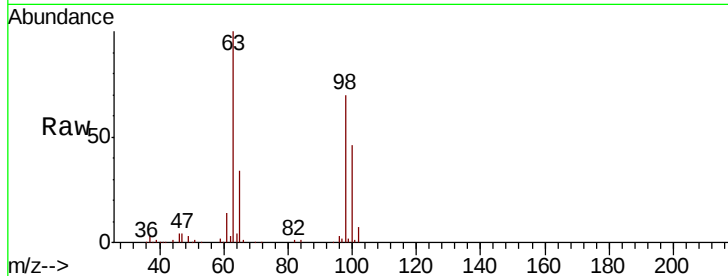
Tot Ion: 96 Resp: 3222

Ion Ratio Lower Upper

96 100

61 570.6 105.1 195.1#

63 3958.9 69.9 129.7#



#13

Acetone

Concen: 5.427 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.00 min

Lab File: VW016939.D

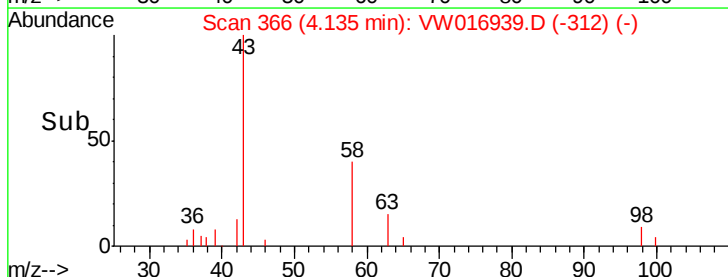
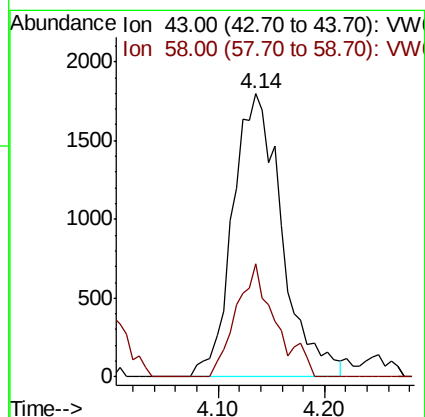
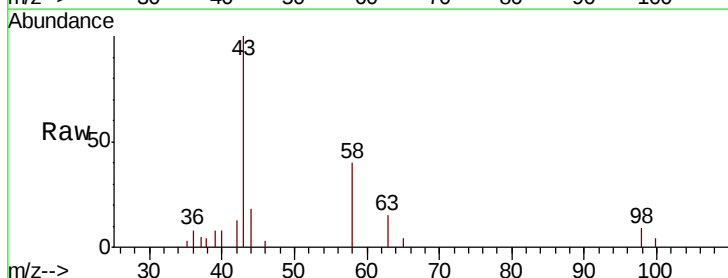
Acq: 19 Oct 2020 10:57

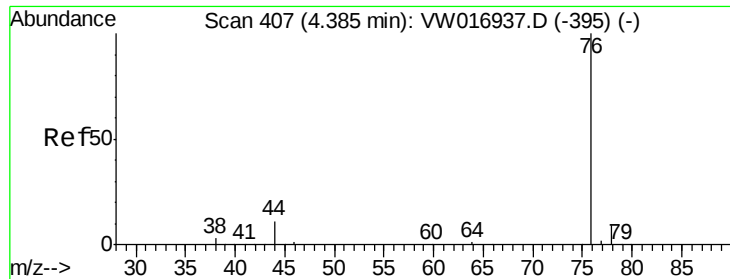
Tgt Ion: 43 Resp: 5834

Ion Ratio Lower Upper

43 100

58 28.6 0.0 67.6





#14

Carbon disulfide

Concen: 0.200 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW016939.D

Acq: 19 Oct 2020 10:57

Instrument :

MSVOA_W

ClientSampleId :

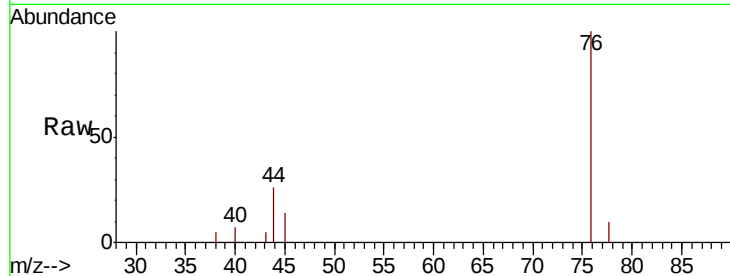
BG3Y8

Tot Ion: 76 Resp: 4721

Ion Ratio Lower Upper

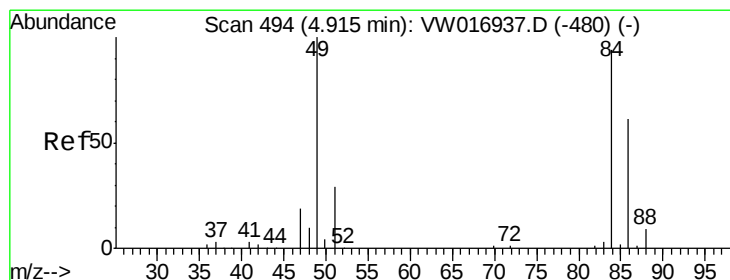
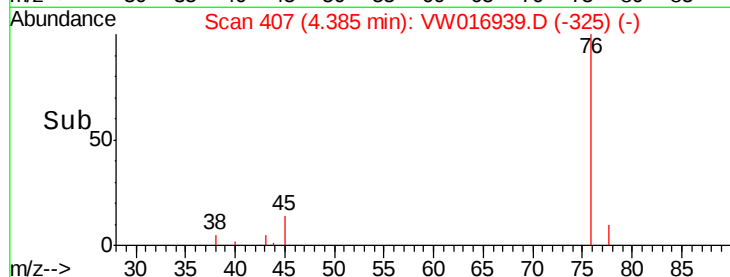
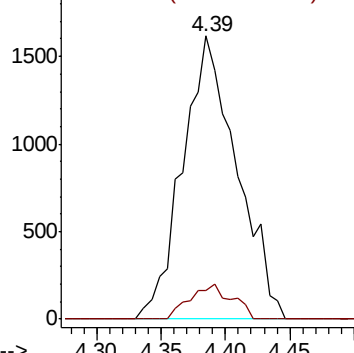
76 100

78 10.1 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW



#16

Methylene chloride

Concen: 0.968 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW016939.D

Acq: 19 Oct 2020 10:57

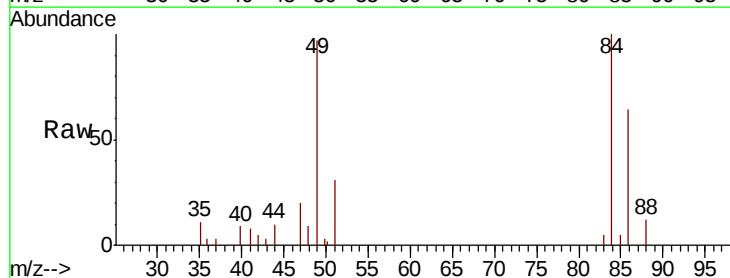
Tgt Ion: 84 Resp: 8492

Ion Ratio Lower Upper

84 100

49 97.1 73.1 135.8

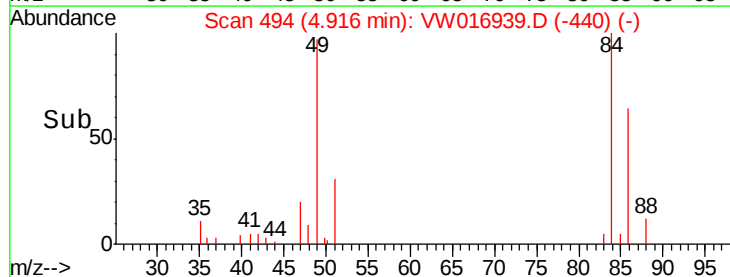
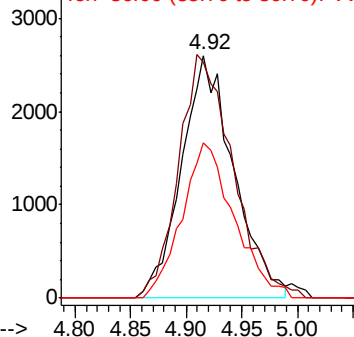
86 64.1 46.0 85.4

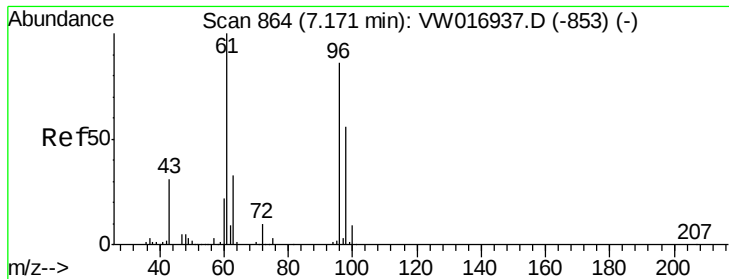


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



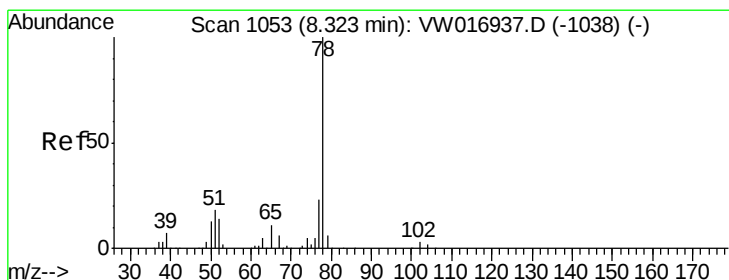
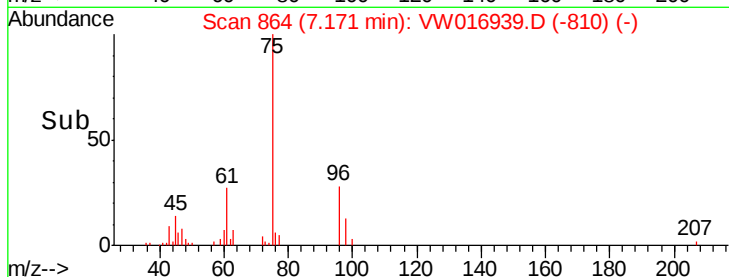
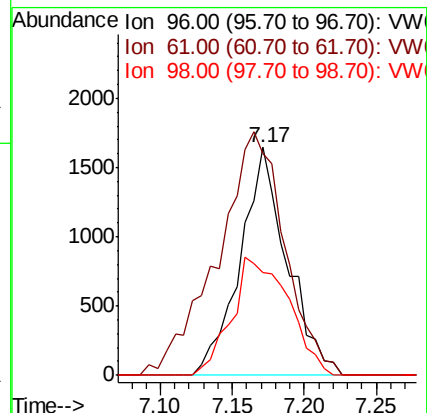
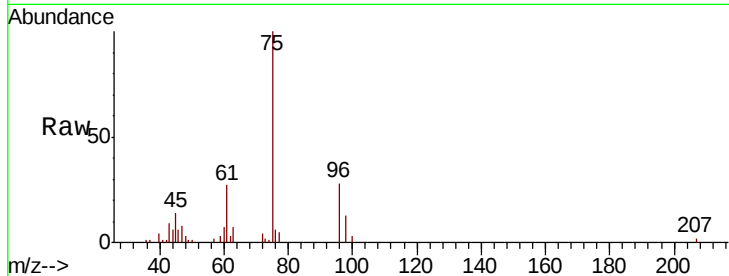


#22

cis-1,2-Dichloroethene
Concen: 0.425 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016939.D
Acq: 19 Oct 2020 10:57

Instrument :
MSVOA_W
ClientSampled :
BG3Y8

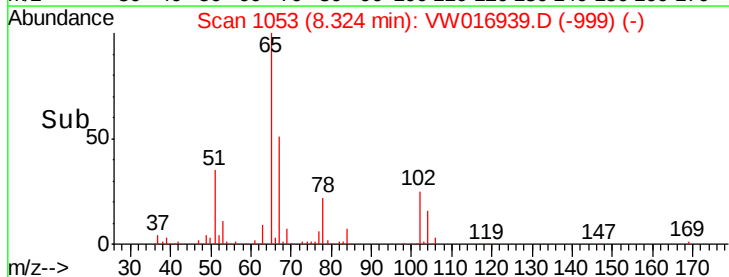
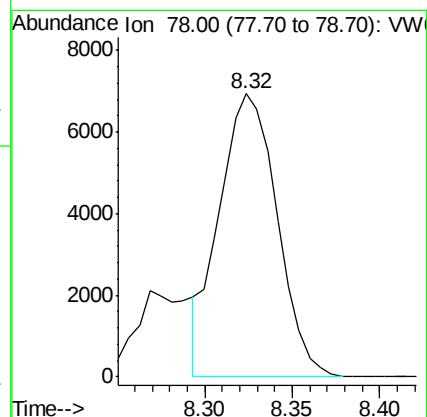
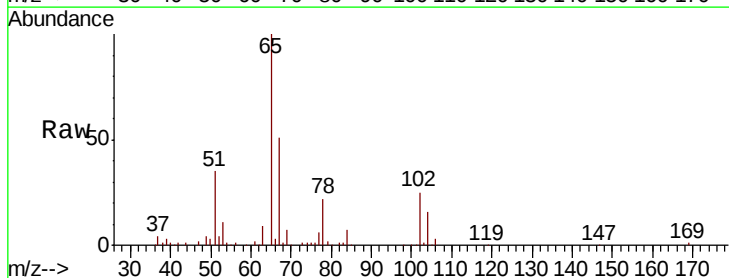
Tot Ion: 96 Resp: 3720
Ion Ratio Lower Upper
96 100
61 97.4 76.0 141.2
98 45.3 42.7 79.3

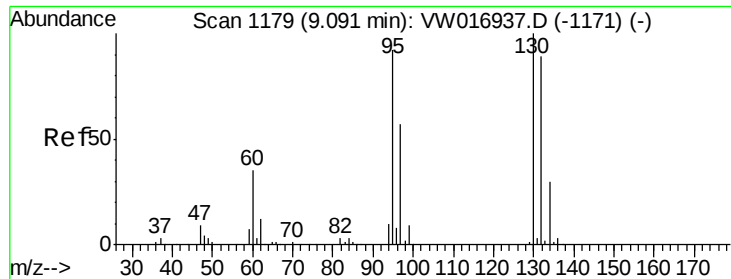


#34

Benzene
Concen: 0.553 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW016939.D
Acq: 19 Oct 2020 10:57

Tgt Ion: 78 Resp: 15930

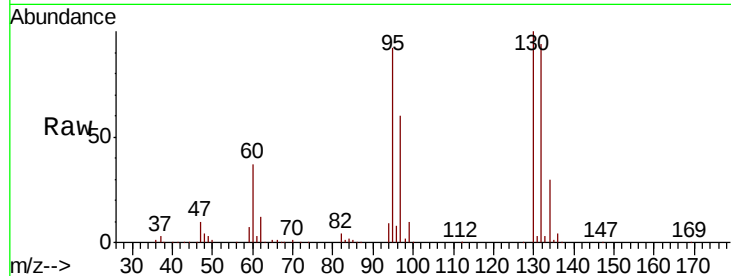




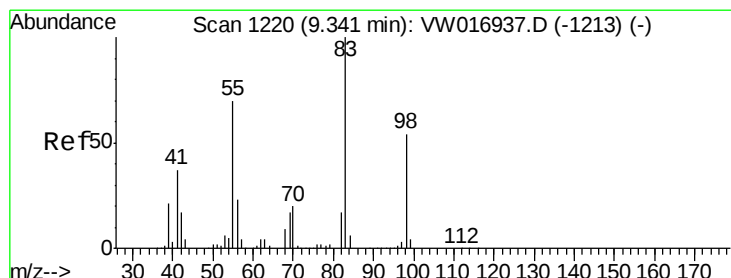
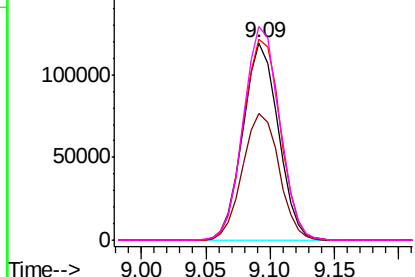
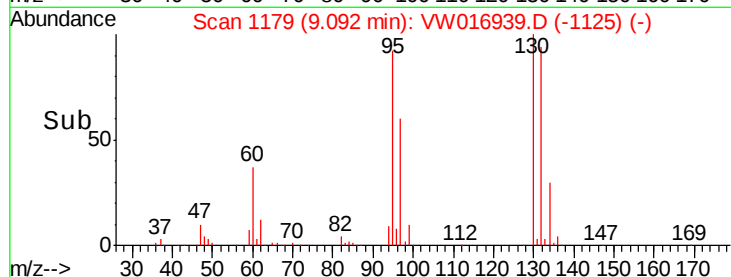
#35
 Trichloroethene
 Concen: 27.871 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW016939.D
 Acq: 19 Oct 2020 10:57

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y8

Tot Ion:	95	Resp:	226986
Ion	Ratio	Lower	Upper
95	100		
97	66.6	44.7	83.1
132	107.2	73.8	137.2
130	110.8	77.1	143.3

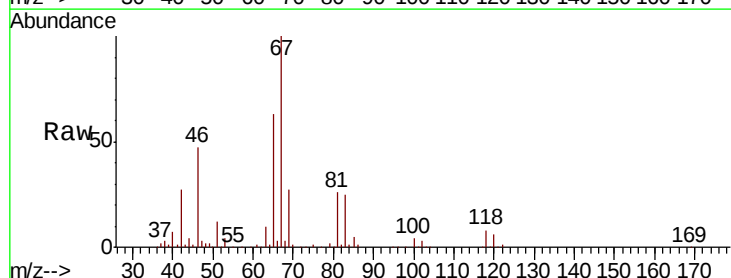


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

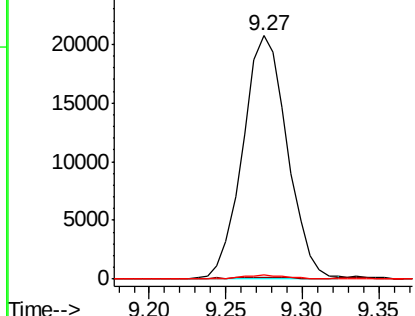
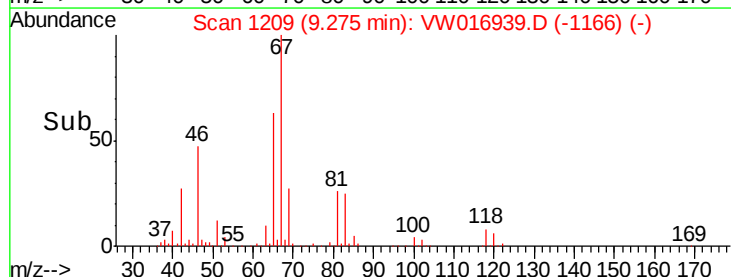


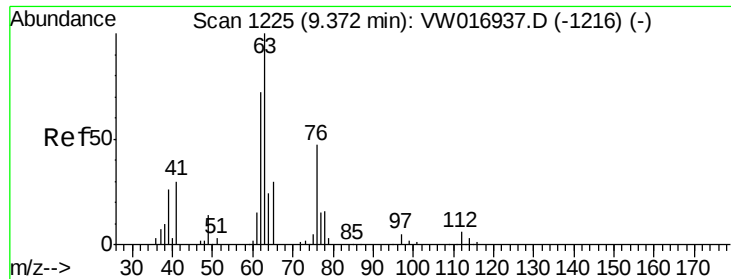
#36
 Methylcyclohexane
 Concen: 3.062 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.07 min
 Lab File: VW016939.D
 Acq: 19 Oct 2020 10:57

Tgt Ion:	83	Resp:	41934
Ion	Ratio	Lower	Upper
83	100		
55	0.7	54.2	81.4#
98	1.6	41.4	62.2#



Abundance Ion 83.00 (82.70 to 83.70): VW
 Ion 55.00 (54.70 to 55.70): VW
 Ion 98.00 (97.70 to 98.70): VW

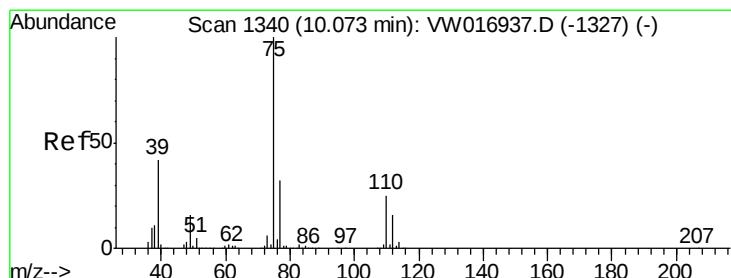
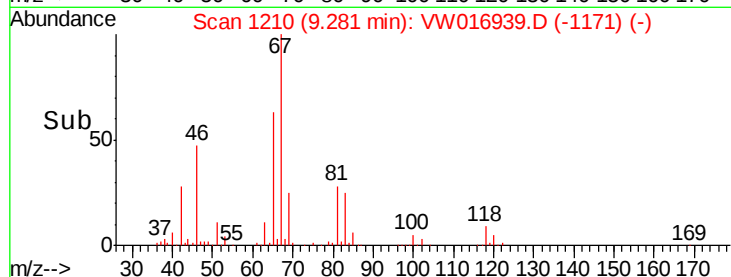
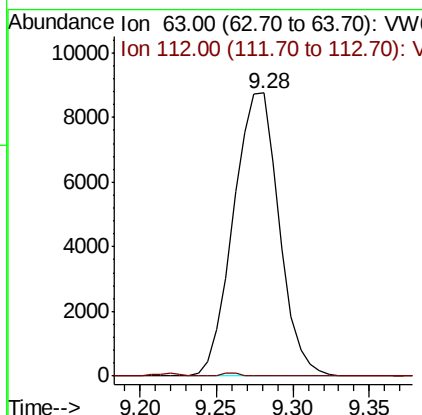
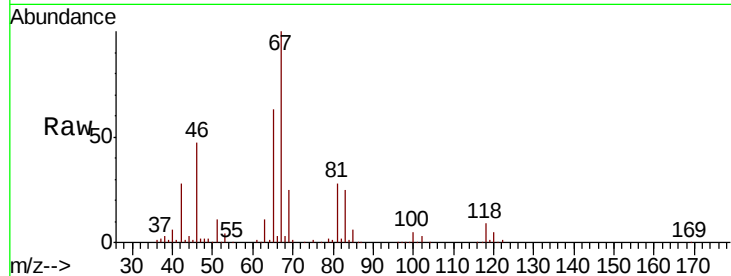




#40
 1,2-Dichloropropane
 Concen: 2.787 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW016939.D
 Acq: 19 Oct 2020 10:57

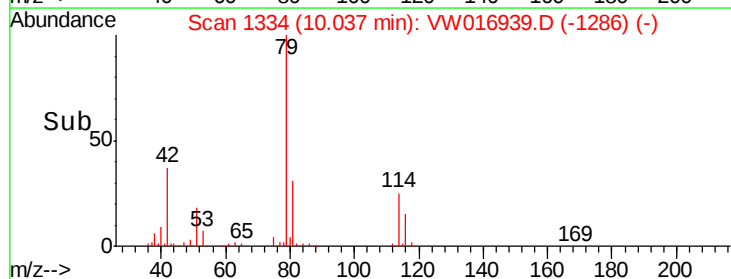
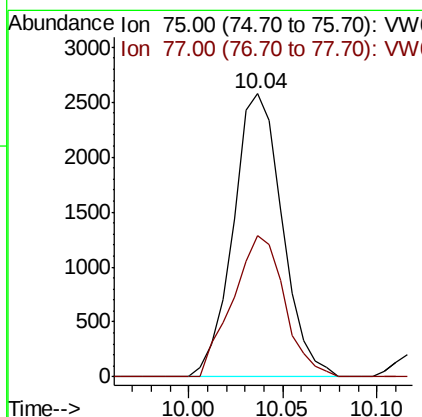
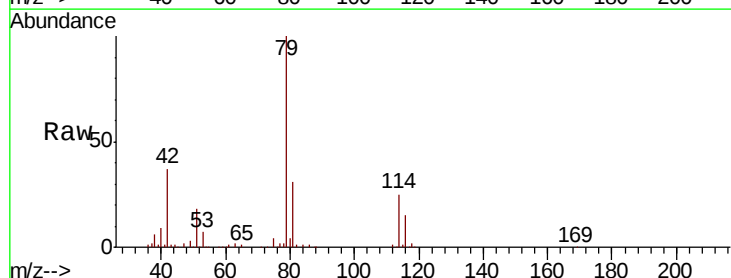
Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y8

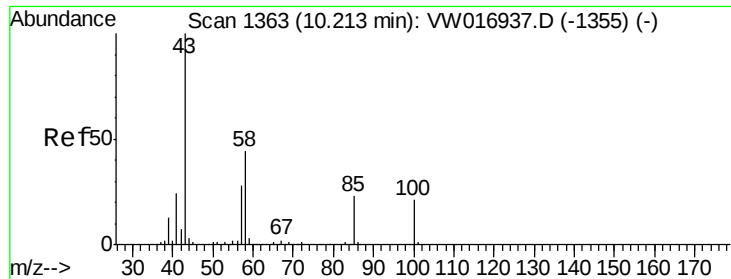
Tot Ion: 63 Resp: 18143
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.5 6.7#



#42
 cis-1,3-Dichloropropene
 Concen: 0.447 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016939.D
 Acq: 19 Oct 2020 10:57

Tgt Ion: 75 Resp: 4645
 Ion Ratio Lower Upper
 75 100
 77 49.7 22.1 41.1#





#43

4-Methyl-2-pentanone

Concen: 1.584 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016939.D

Acq: 19 Oct 2020 10:57

Instrument :

MSVOA_W

ClientSampleId :

BG3Y8

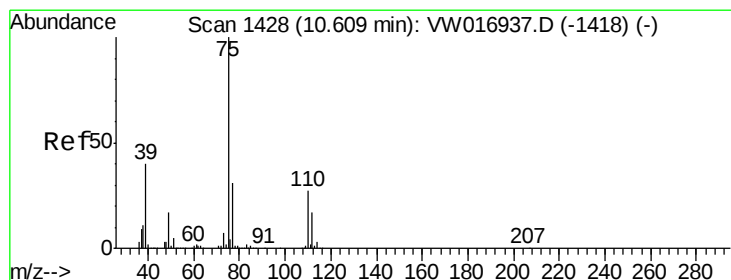
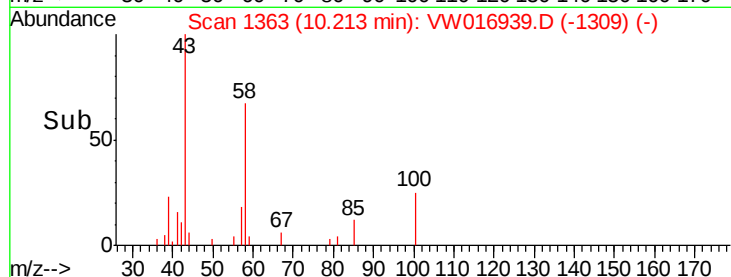
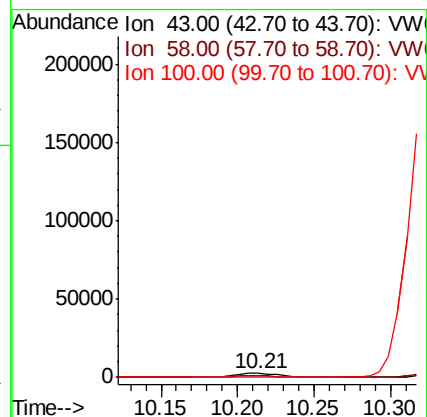
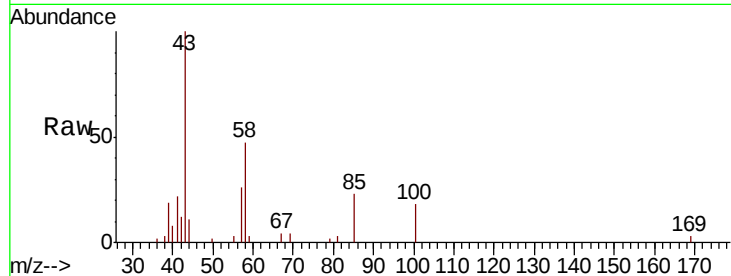
Tot Ion: 43 Resp: 5192

Ion Ratio Lower Upper

43 100

58 41.8 34.7 52.1

100 20.0 16.9 25.3



#45

trans-1,3-Dichloropropene

Concen: 0.306 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016939.D

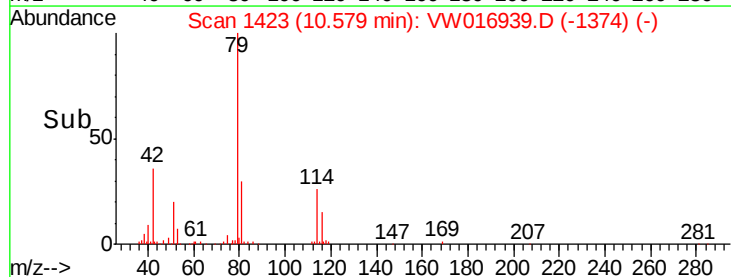
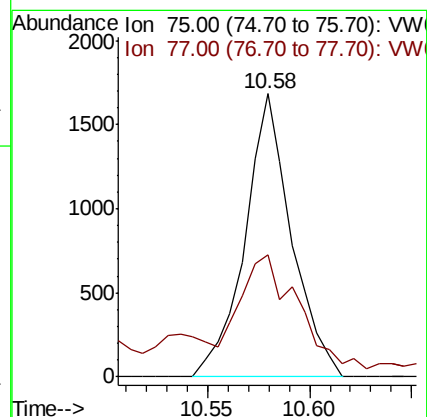
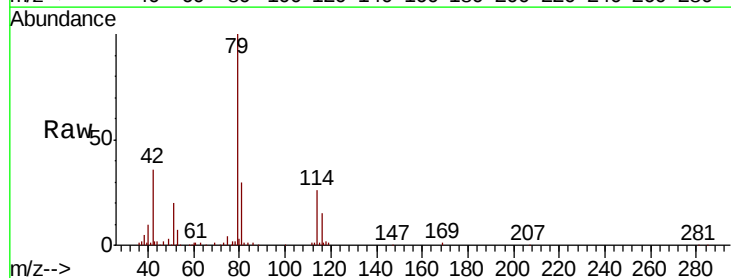
Acq: 19 Oct 2020 10:57

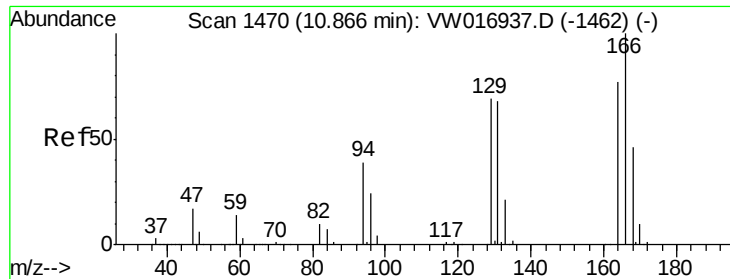
Tgt Ion: 75 Resp: 2674

Ion Ratio Lower Upper

75 100

77 43.0 22.2 41.2#

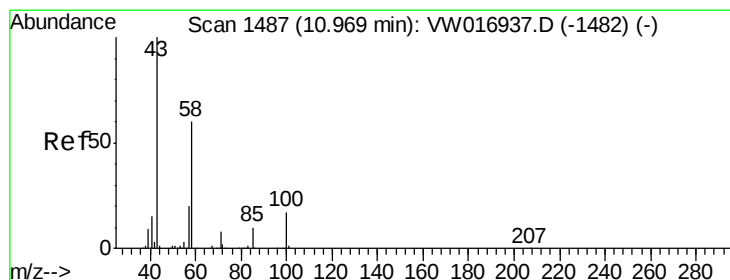
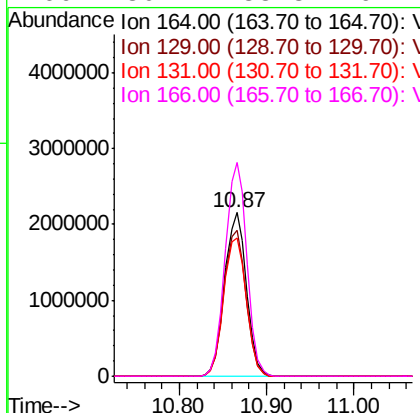
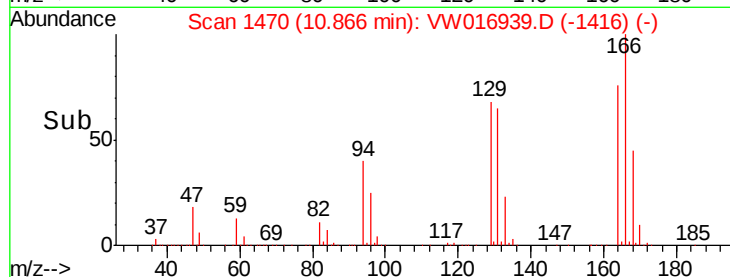
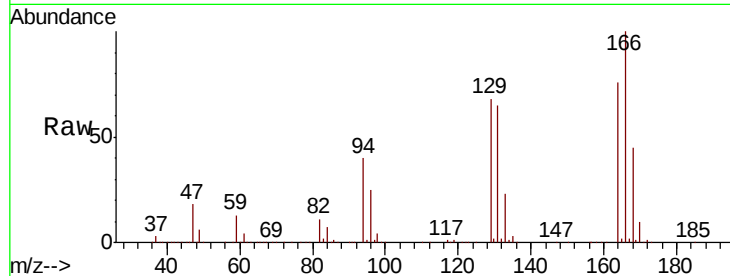




#47
Tetrachloroethene
Concen: 492.992 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016939.D
Acq: 19 Oct 2020 10:57

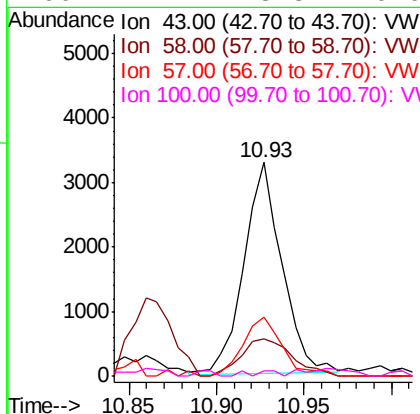
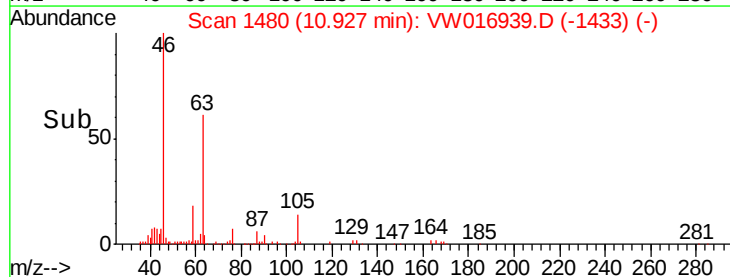
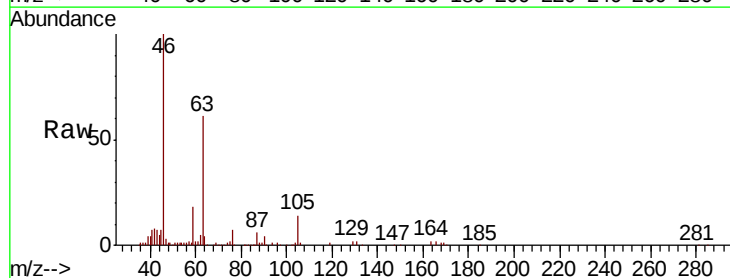
Instrument :
MSVOA_W
ClientSampleId :
BG3Y8

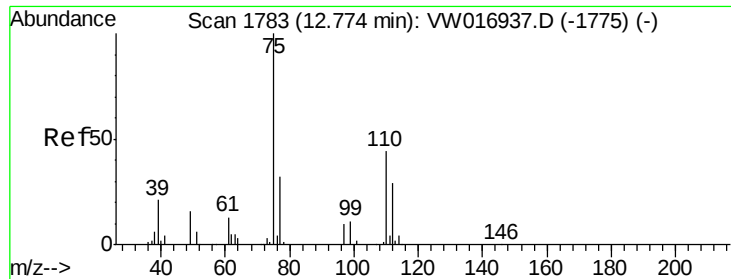
Tot Ion:164 Resp: 3722369
Ion Ratio Lower Upper
164 100
129 89.0 61.7 114.7
131 85.0 59.7 110.9
166 130.7 88.3 164.1



#49
2-Hexanone
Concen: 2.280 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW016939.D
Acq: 19 Oct 2020 10:57

Tgt Ion: 43 Resp: 4932
Ion Ratio Lower Upper
43 100
58 24.0 47.1 70.7#
57 28.6 16.2 24.4#
100 1.2 13.3 19.9#





#59

1,2,3-Trichloropropane

Concen: 5.710 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016939.D

Acq: 19 Oct 2020 10:57

Instrument :

MSVOA_W

ClientSampleId :

BG3Y8

Tot Ion: 75 Resp: 24193

Ion Ratio Lower Upper

75 100

77 38.5 26.2 39.2

