

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016743.D
 Acq On : 01 Oct 2020 17:15
 Operator : SY/VA
 Sample : L4203-18
 Misc : 5.43G/10ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 01 21:36:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 21:33:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	634039	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	543346	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	248818	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	109425	17.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.32%
7) Chloroethane-d5	2.90	69	106313	21.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.88%
10) 1,1-Dichloroethene-d2	4.03	63	185654	13.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.12%
20) 2-Butanone-d5	7.09	46	66753	39.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.78%
24) Chloroform-d	7.65	84	314614	23.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.88%
26) 1,2-Dichloroethane-d4	8.31	65	155061	22.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.08%
29) Benzene-d6	8.28	84	601839	24.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.80%
33) 1,2-Dichloropropane-d6	9.28	67	172566	26.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.52%
37) Toluene-d8	10.33	98	558348	23.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.16%
38) trans-1,3-Dichloropropene-	10.59	79	64423	19.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.40%
39) 2-Hexanone-d5	10.93	63	52916	44.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131899	23.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	203455	25.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.36%

Target Compounds

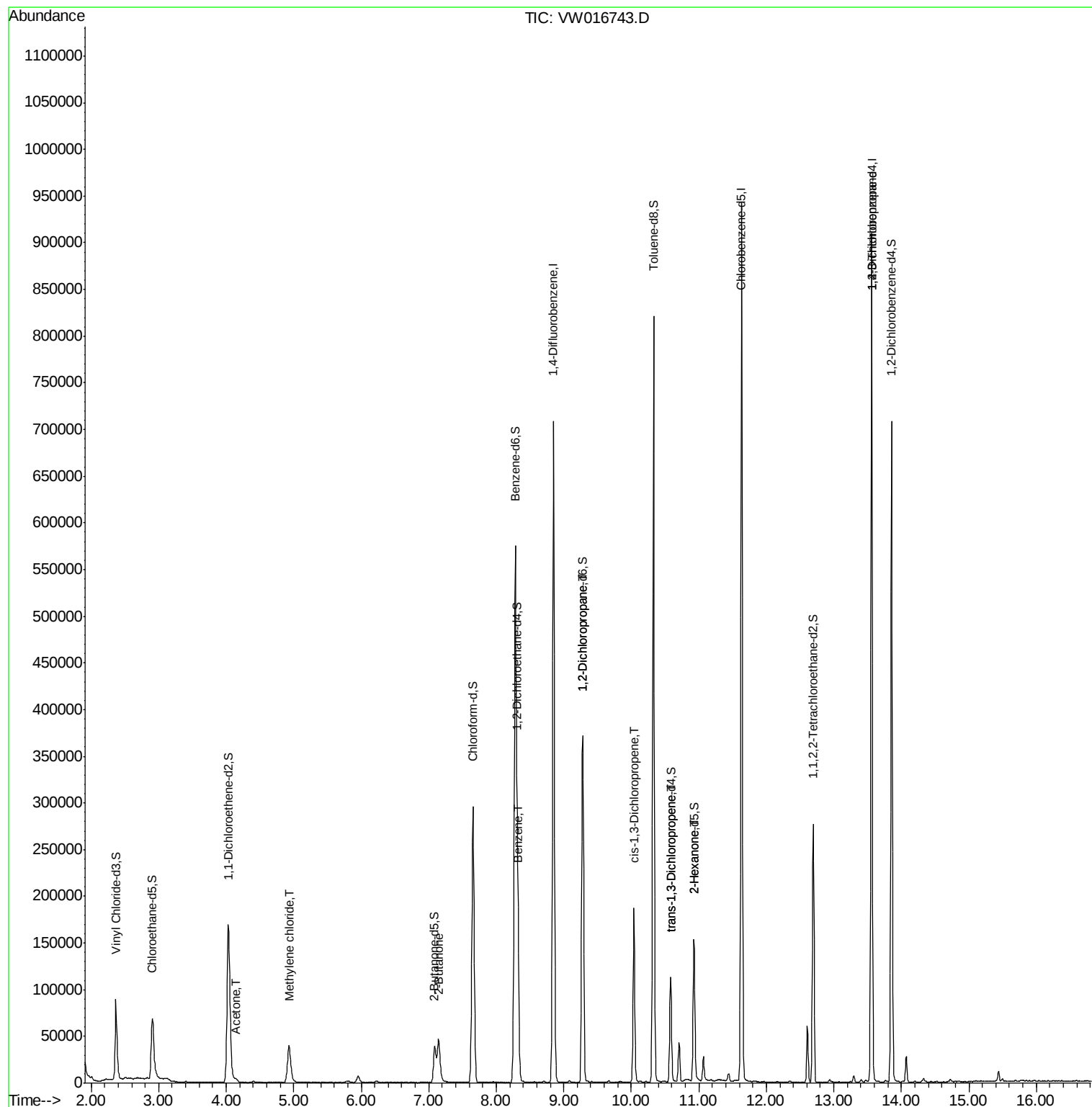
					Ovalue
13) Acetone	4.14	43	6701	5.113 ug/L	87
16) Methylene chloride	4.93	84	37084	3.792 ug/L	90
21) 2-Butanone	7.15	43	1467	0.658 ug/L	76
34) Benzene	8.33	78	47673	1.637 ug/L	100
40) 1,2-Dichloropropane	9.28	63	20396	3.011 ug/L #	83
42) cis-1,3-Dichloropropene	10.04	75	4876	0.421 ug/L #	82
45) trans-1,3-Dichloropropene	10.58	75	3028	0.301 ug/L	93
49) 2-Hexanone	10.93	43	6340	2.321 ug/L #	67
59) 1,2,3-Trichloropropane	13.56	75	25324	5.328 ug/L	91

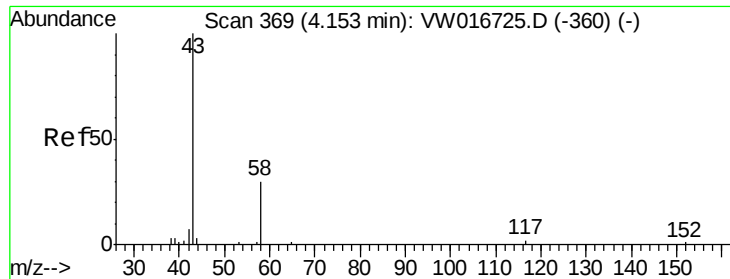
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 21:33:07 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.113 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW016743.D

Acq: 01 Oct 2020 17:15

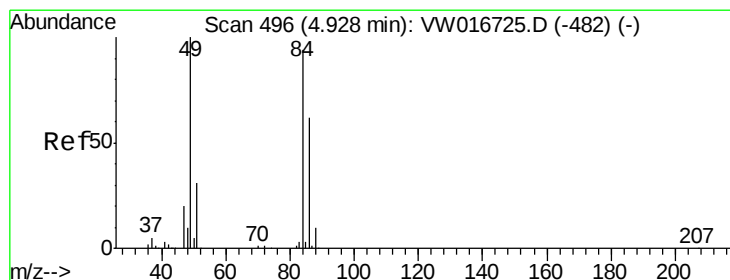
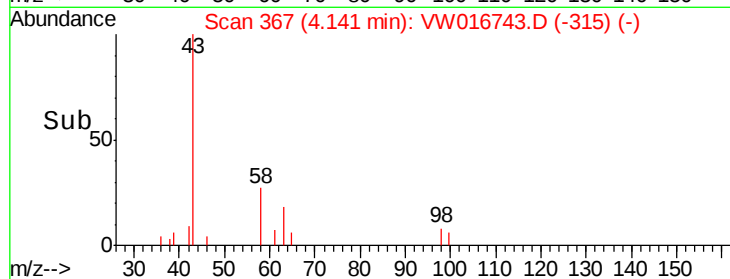
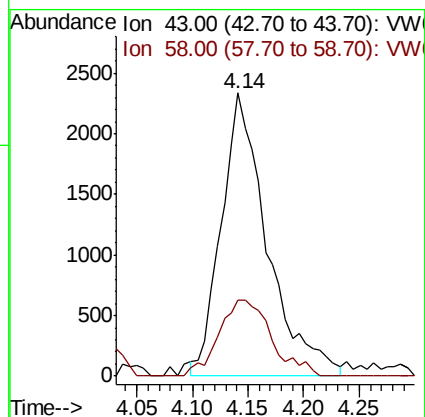
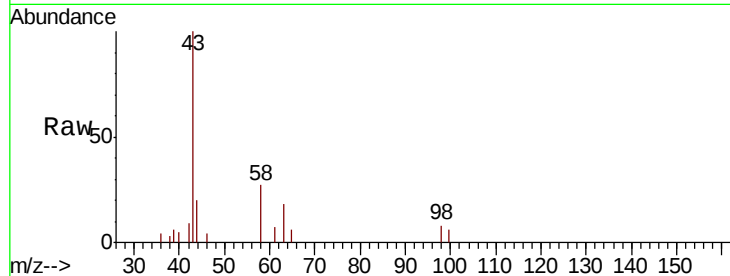
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 6701

Ion Ratio Lower Upper

43 100

58 23.3 0.0 60.2



#16

Methylene chloride

Concen: 3.792 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016743.D

Acq: 01 Oct 2020 17:15

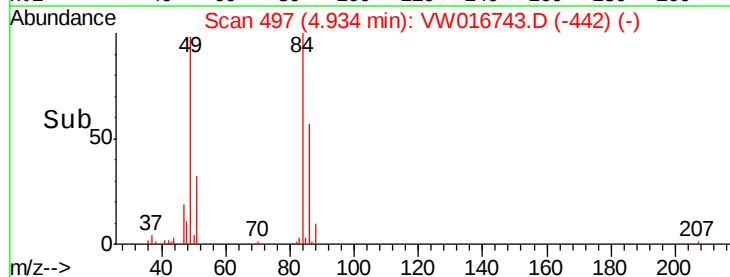
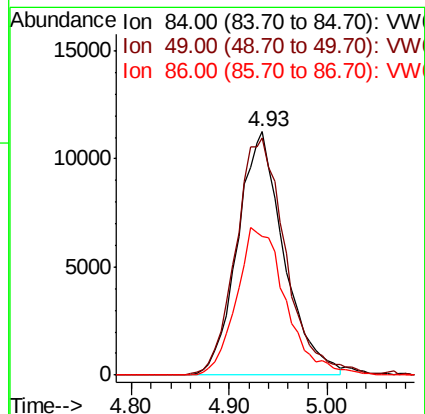
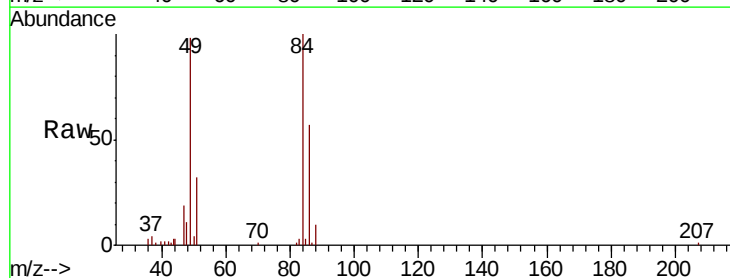
Tgt Ion: 84 Resp: 37084

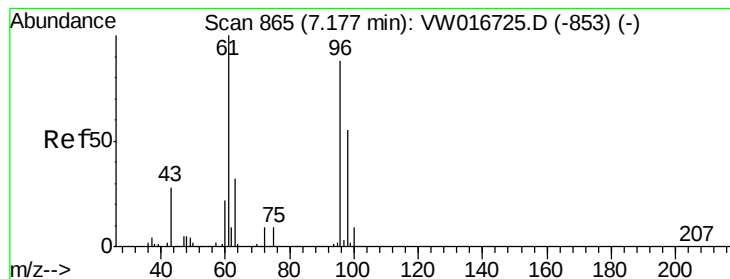
Ion Ratio Lower Upper

84 100

49 97.7 76.0 141.2

86 57.2 45.6 84.6





#21

2-Butanone

Concen: 0.658 ug/L

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW016743.D

Acq: 01 Oct 2020 17:15

Instrument :

MSVOA_W

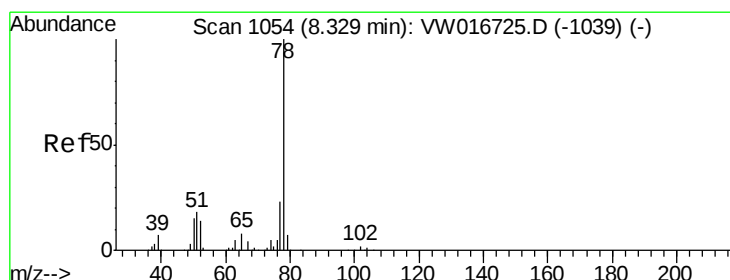
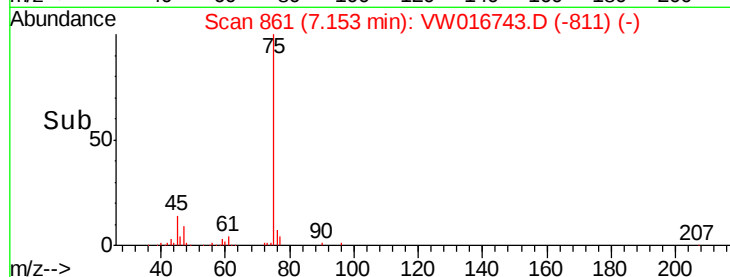
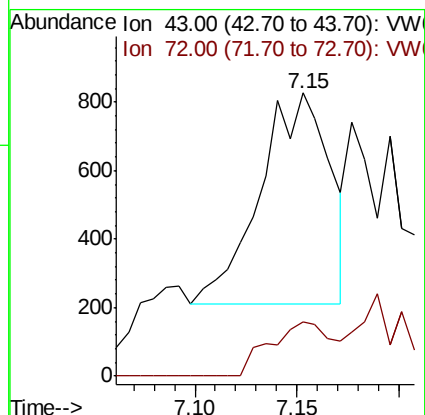
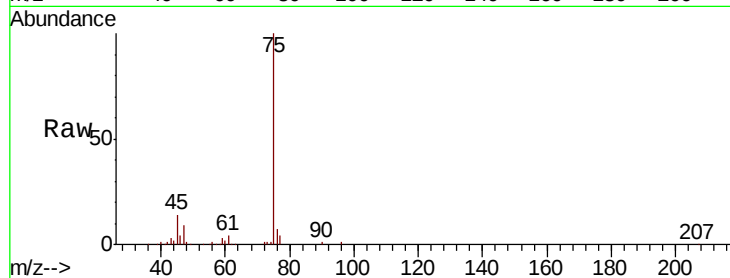
ClientSampled :

Tot Ion: 43 Resp: 1467

Ion Ratio Lower Upper

43 100

72 16.4 14.6 43.8



#34

Benzene

Concen: 1.637 ug/L

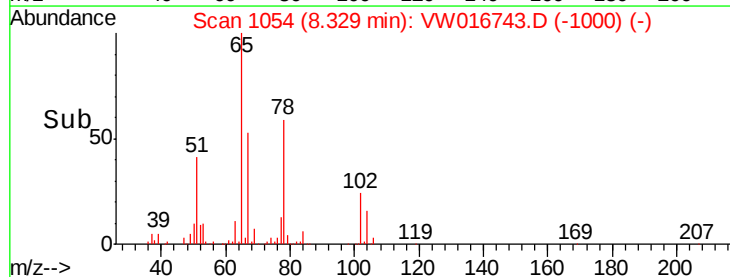
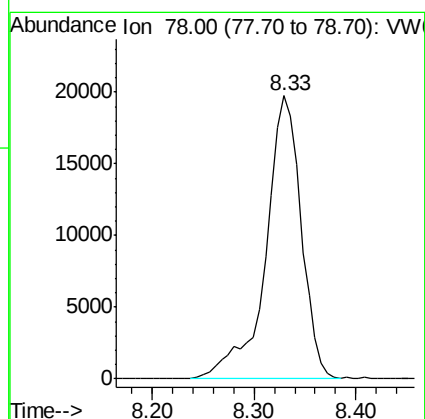
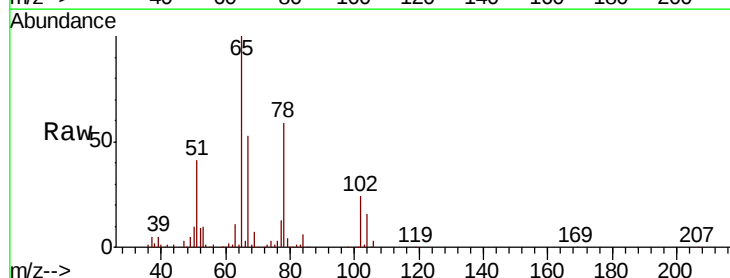
RT: 8.33 min Scan# 1054

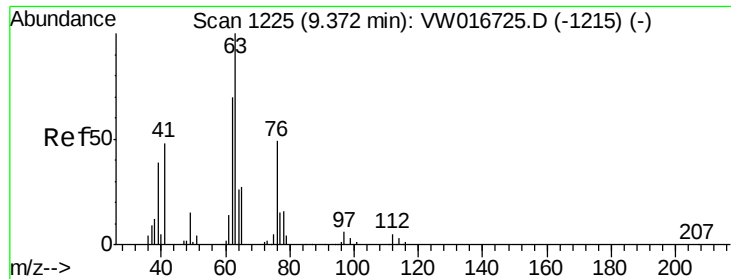
Delta R.T. 0.00 min

Lab File: VW016743.D

Acq: 01 Oct 2020 17:15

Tgt Ion: 78 Resp: 47673

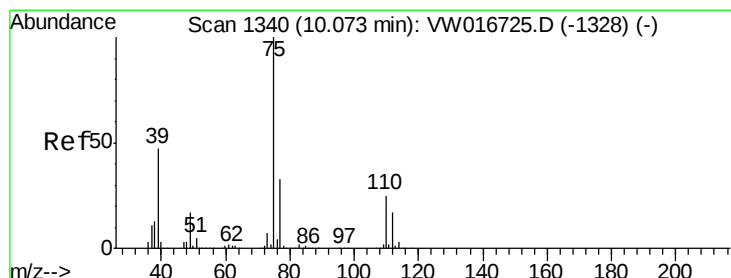
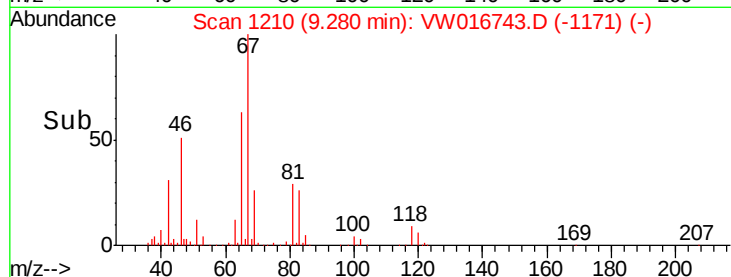
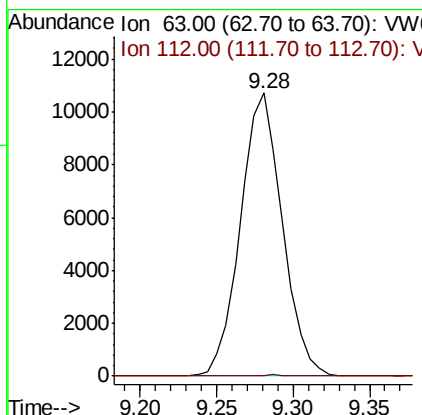
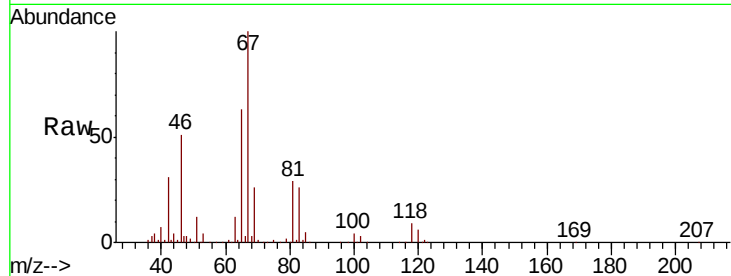




#40
 1,2-Dichloropropane
 Concen: 3.011 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW016743.D
 Acq: 01 Oct 2020 17:15

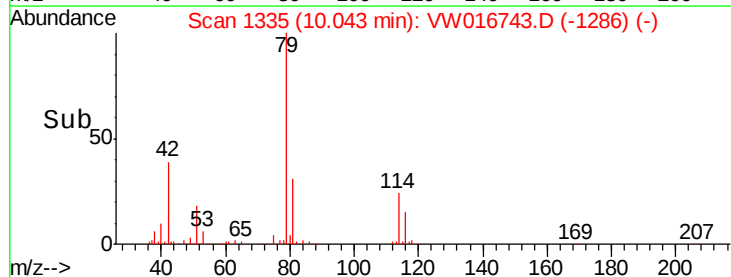
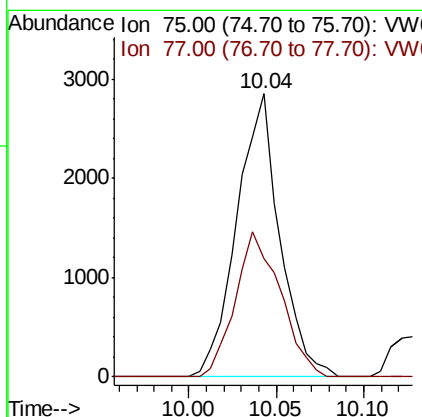
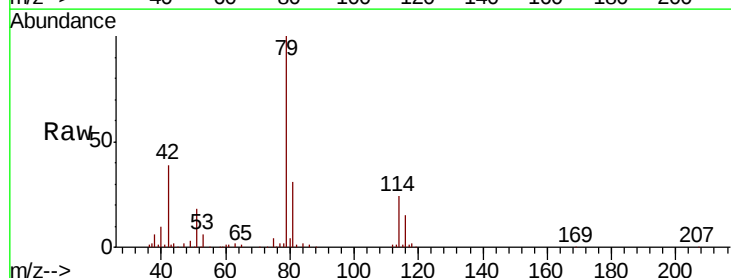
Instrument :
 MSVOA_W
 ClientSampled :

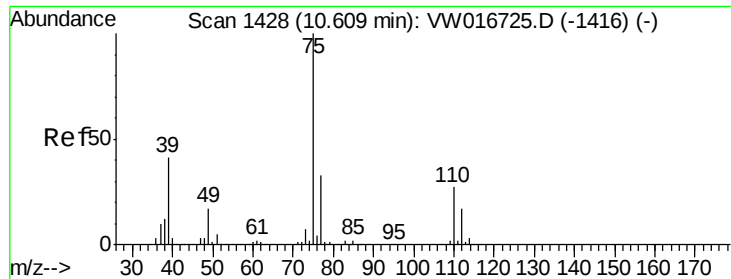
Tot Ion: 63 Resp: 20396
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.5 6.7#



#42
 cis-1,3-Dichloropropene
 Concen: 0.421 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW016743.D
 Acq: 01 Oct 2020 17:15

Tgt Ion: 75 Resp: 4876
 Ion Ratio Lower Upper
 75 100
 77 41.9 22.2 41.2#





#45

trans-1,3-Dichloropropene

Concen: 0.301 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016743.D

Acq: 01 Oct 2020 17:15

Instrument :

MSVOA_W

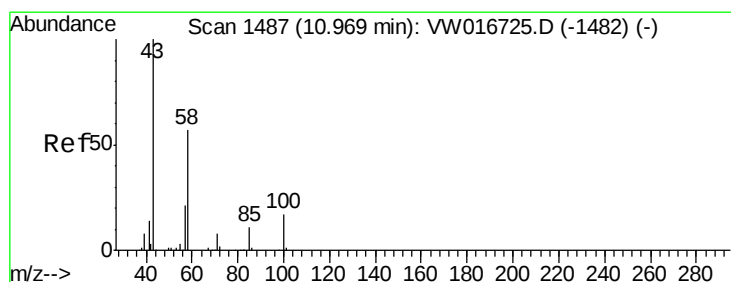
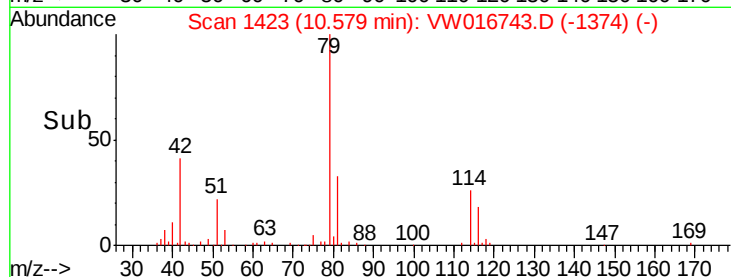
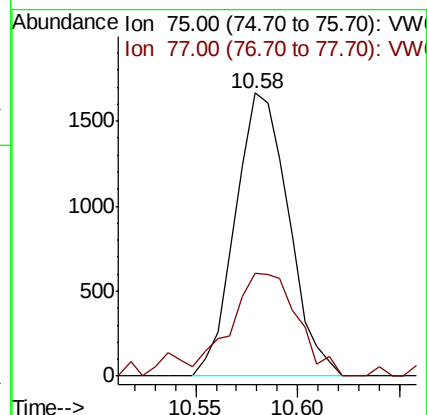
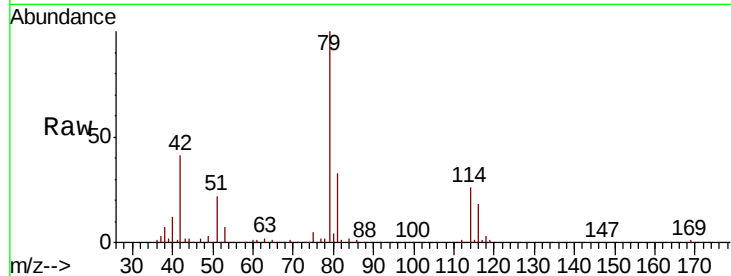
ClientSampleId :

Tot Ion: 75 Resp: 3028

Ion Ratio Lower Upper

75 100

77 36.3 22.5 41.9



#49

2-Hexanone

Concen: 2.321 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016743.D

Acq: 01 Oct 2020 17:15

Tgt Ion: 43 Resp: 6340

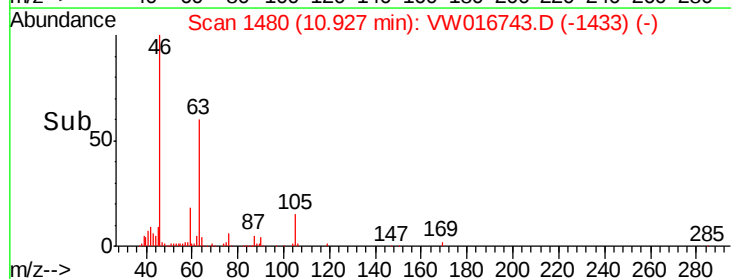
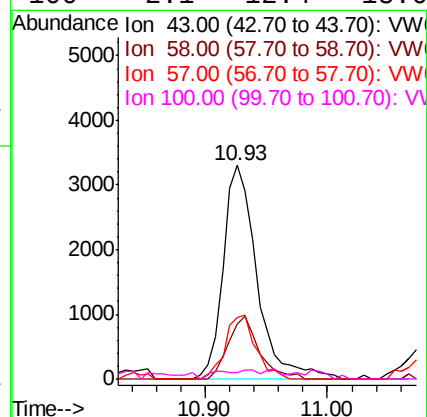
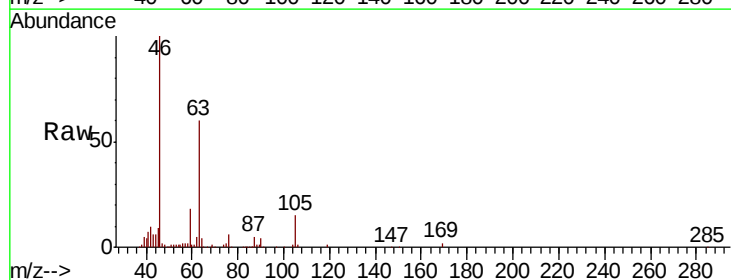
Ion Ratio Lower Upper

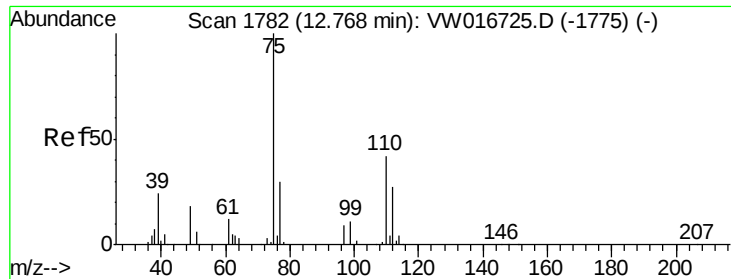
43 100

58 25.8 44.2 66.2#

57 26.9 16.3 24.5#

100 2.1 12.4 18.6#





#59

1,2,3-Trichloropropane

Concen: 5.328 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016743.D

Acq: 01 Oct 2020 17:15

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 25324

Ion Ratio Lower Upper

75 100

77 38.1 26.2 39.4

