

Data File : VW017342.D
Acq On : 18 Nov 2020 21:02
Operator : SY/VA
Sample : L4738-17RE
Misc : 5.97G/12ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB0Y4RE

Quant Time: Nov 19 05:07:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 19 05:03:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	375847	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	292929	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	83387	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	129487	23.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.08%
7) Chloroethane-d5	2.89	69	102452	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.72%
10) 1,1-Dichloroethene-d2	4.03	63	159131	16.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.40%
20) 2-Butanone-d5	7.08	46	59518	65.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.26%
24) Chloroform-d	7.65	84	226800	22.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.88%
26) 1,2-Dichloroethane-d4	8.30	65	130010	27.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.00%
29) Benzene-d6	8.27	84	444848	26.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.76%
33) 1,2-Dichloropropane-d6	9.28	67	127266	28.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.72%
37) Toluene-d8	10.33	98	380301	24.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.84%
38) trans-1,3-Dichloropropene-	10.58	79	55315	28.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	115.52%
39) 2-Hexanone-d5	10.93	63	50164	85.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	170.08%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113055	33.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.64%#
61) 1,2-Dichlorobenzene-d4	13.85	152	76666	24.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.64%

Target Compounds

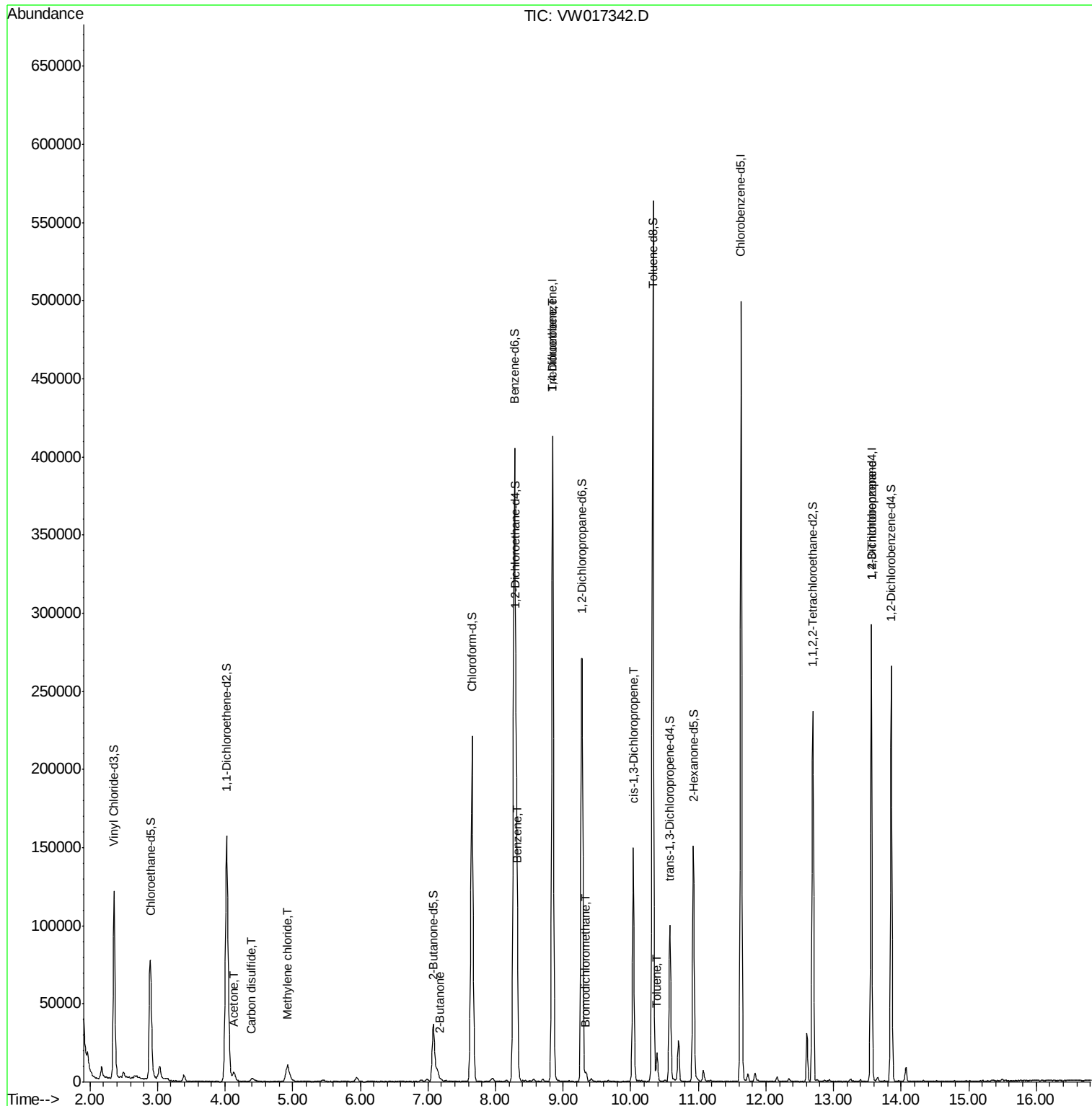
					Qvalue
13) Acetone	4.13	43	9908	14.861	ug/L 66
14) Carbon disulfide	4.39	76	3120	0.215	ug/L 95
16) Methylene chloride	4.92	84	9376	1.458	ug/L 93
21) 2-Butanone	7.18	43	1451	1.420	ug/L 98
34) Benzene	8.33	78	8120	0.491	ug/L 100
35) Trichloroethene	8.85	95	10525	2.248	ug/L # 2
41) Bromodichloromethane	9.34	83	1420	0.270	ug/L # 26
42) cis-1,3-Dichloropropene	10.04	75	3793	0.653	ug/L # 66
44) Toluene	10.39	91	13168	0.717	ug/L 100
59) 1,2,3-Trichloropropane	13.56	75	8535	3.700	ug/L 96

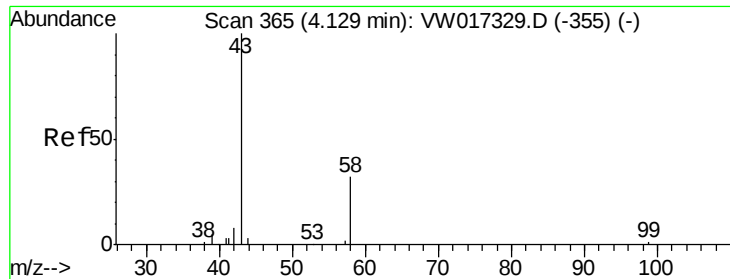
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW017342.D
Acq On : 18 Nov 2020 21:02
Operator : SY/VA
Sample : L4738-17RE
Misc : 5.97G/12ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB0Y4RE

Quant Time: Nov 19 05:07:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 19 05:03:18 2020
Response via : Initial Calibration





#13

Acetone

Concen: 14.861 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017342.D

Acq: 18 Nov 2020 21:02

Instrument :

MSVOA_W

ClientSampleId :

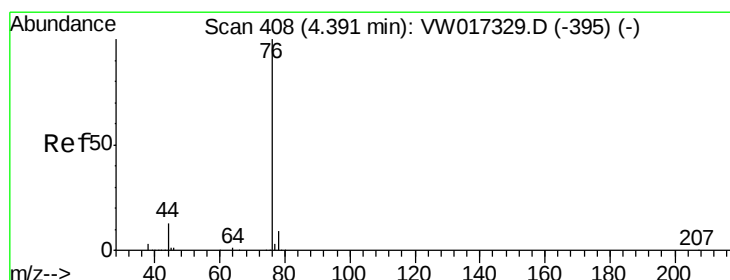
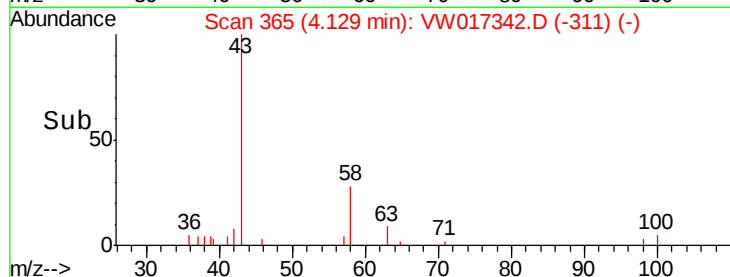
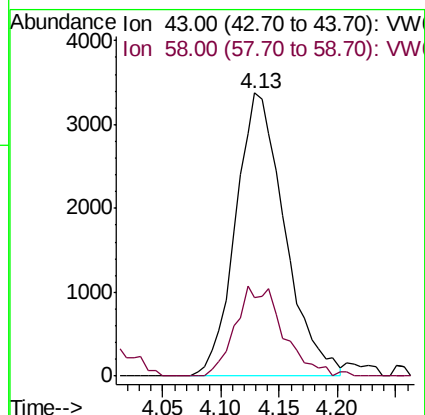
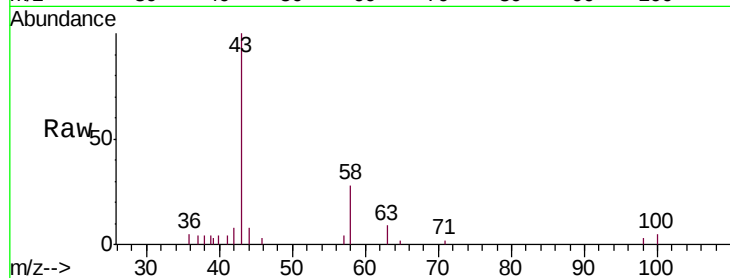
GB0Y4RE

Tgt Ion: 43 Resp: 9908

Ion Ratio Lower Upper

43 100

58 14.3 0.0 67.0



#14

Carbon disulfide

Concen: 0.215 ug/L

RT: 4.39 min Scan# 408

Delta R.T. -0.00 min

Lab File: VW017342.D

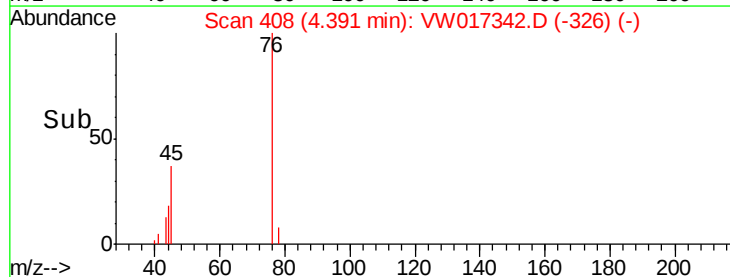
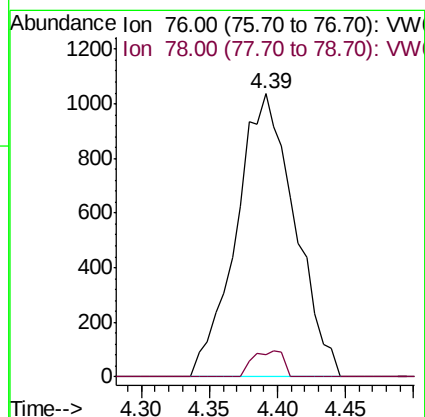
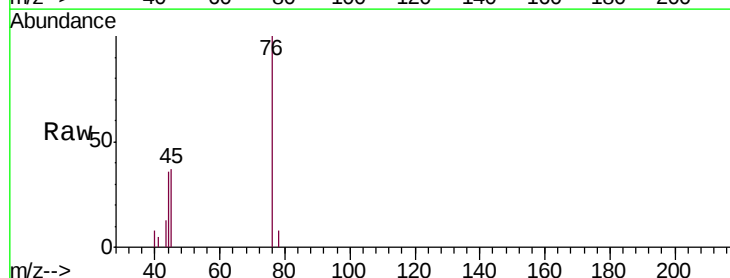
Acq: 18 Nov 2020 21:02

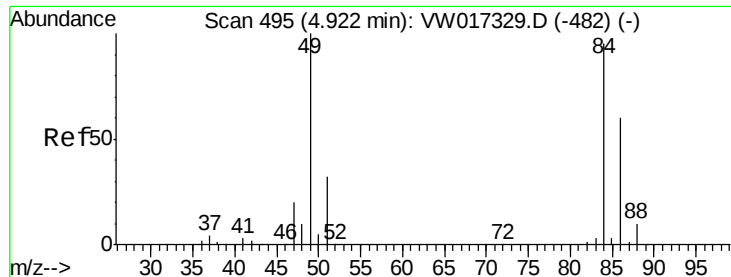
Tgt Ion: 76 Resp: 3120

Ion Ratio Lower Upper

76 100

78 7.9 7.8 11.6

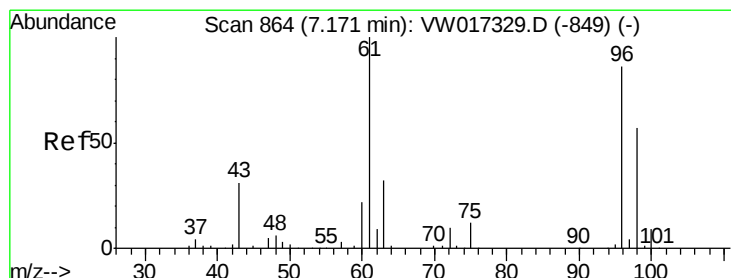
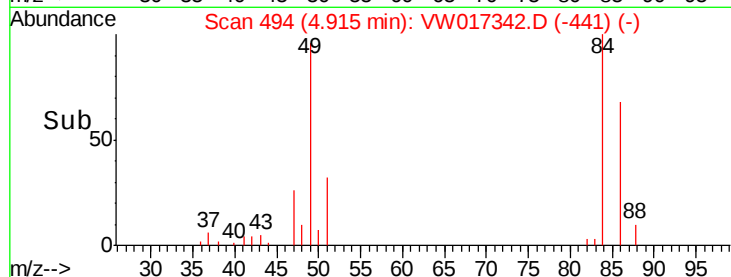
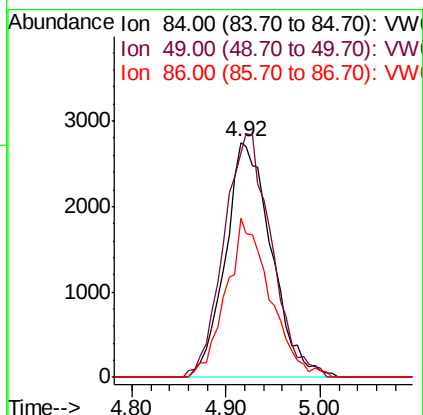
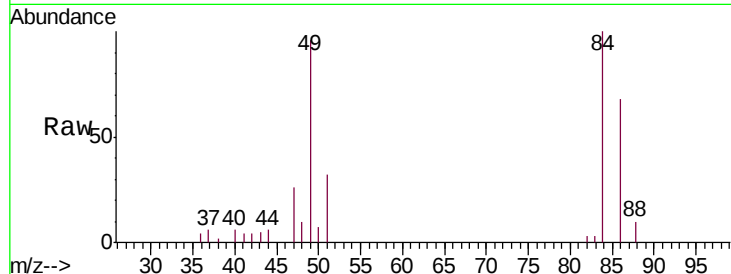




#16
Methylene chloride
Concen: 1.458 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017342.D
Acq: 18 Nov 2020 21:02

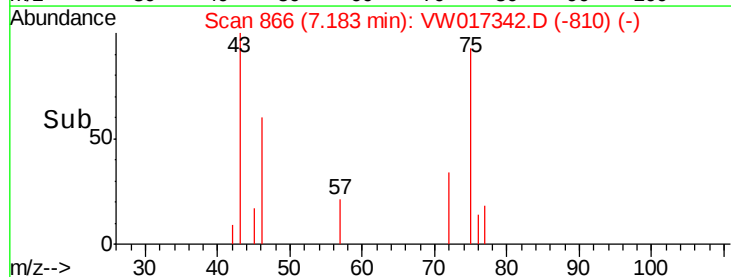
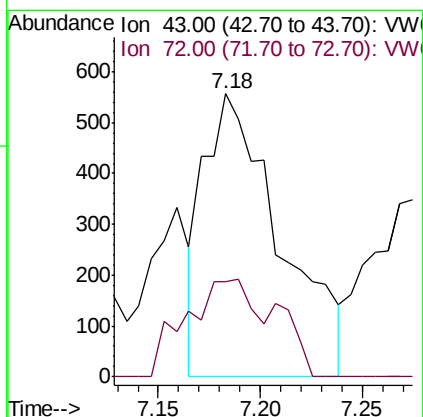
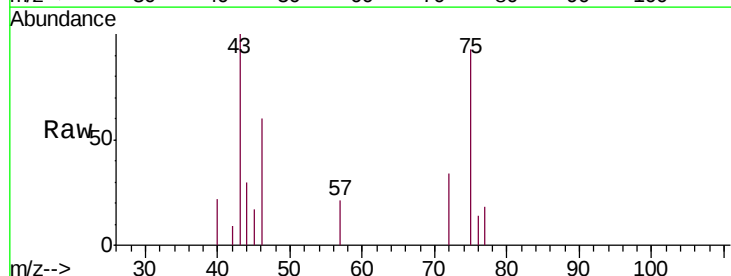
Instrument :
MSVOA_W
ClientSampleId :
GB0Y4RE

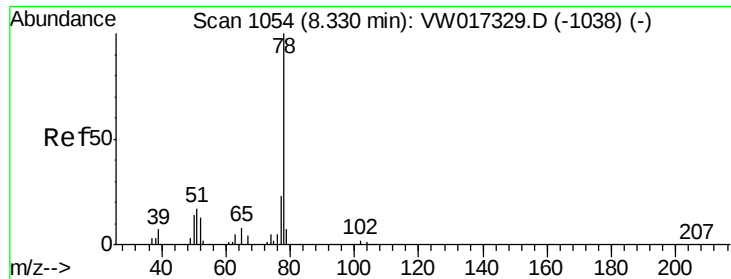
Tgt Ion: 84 Resp: 9376
Ion Ratio Lower Upper
84 100
49 95.8 71.5 132.9
86 67.9 42.8 79.4



#21
2-Butanone
Concen: 1.420 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW017342.D
Acq: 18 Nov 2020 21:02

Tgt Ion: 43 Resp: 1451
Ion Ratio Lower Upper
43 100
72 31.4 16.4 49.1





#34

Benzene

Concen: 0.491 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW017342.D

Acq: 18 Nov 2020 21:02

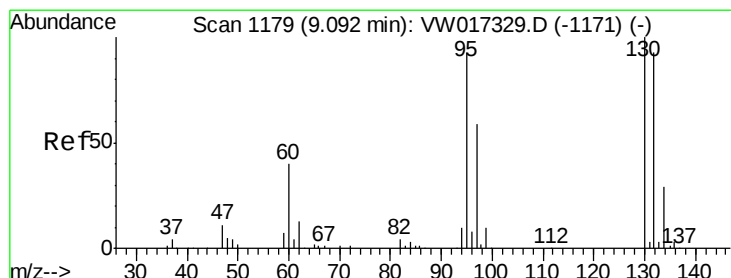
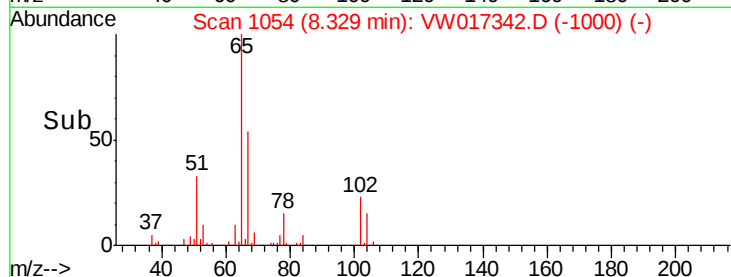
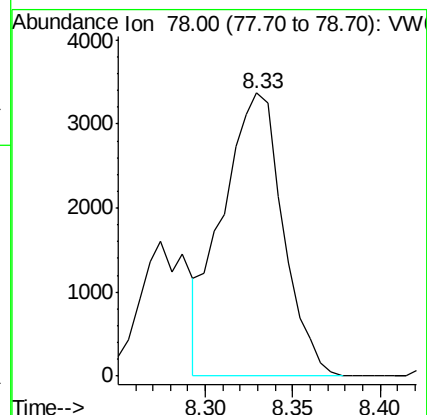
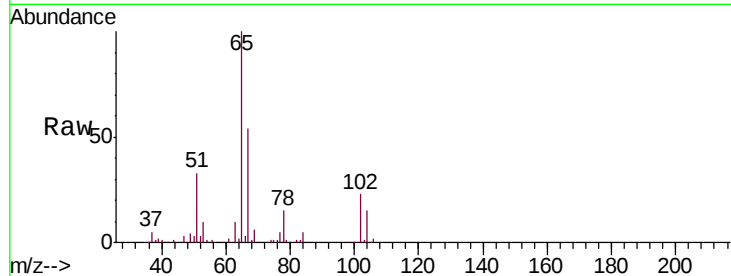
Instrument :

MSVOA_W

ClientSampleId :

GB0Y4RE

Tgt Ion: 78 Resp: 8120



#35

Trichloroethene

Concen: 2.248 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW017342.D

Acq: 18 Nov 2020 21:02

Tgt Ion: 95 Resp: 10525

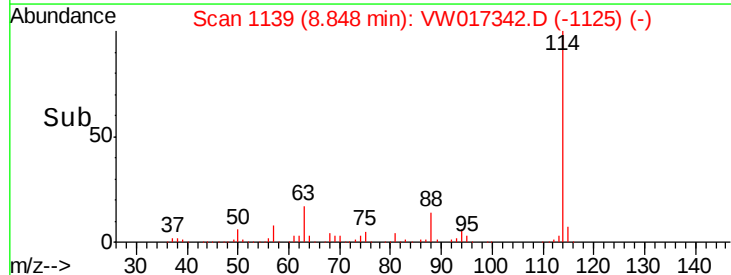
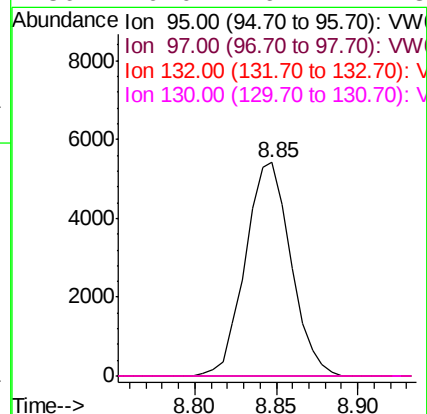
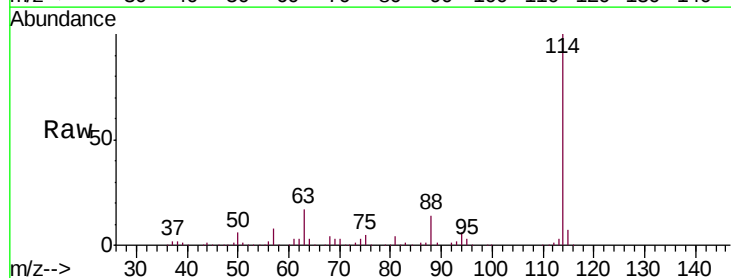
Ion Ratio Lower Upper

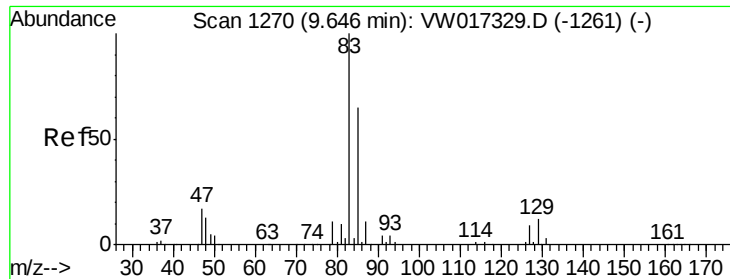
95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#





#41

Bromodichloromethane

Concen: 0.270 ug/L

RT: 9.34 min Scan# 1220

Delta R.T. -0.31 min

Lab File: VW017342.D

Acq: 18 Nov 2020 21:02

Instrument :

MSVOA_W

ClientSampleId :

GB0Y4RE

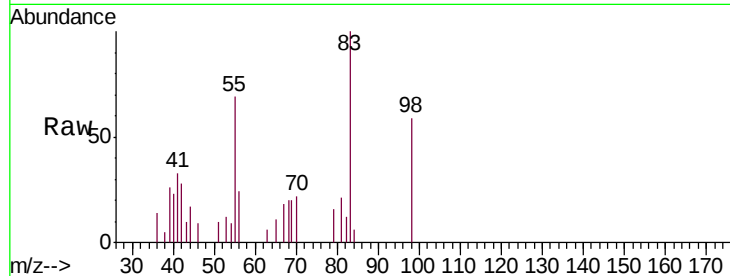
Tgt Ion: 83 Resp: 1420

Ion Ratio Lower Upper

83 100

85 0.0 44.1 81.9#

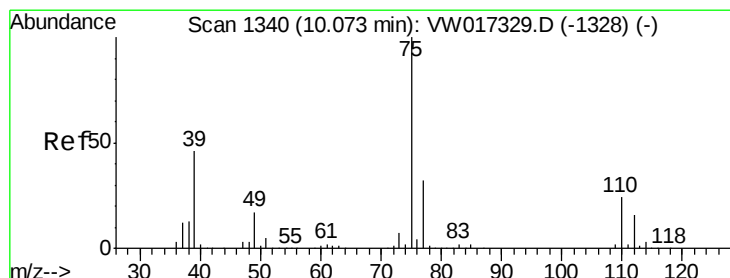
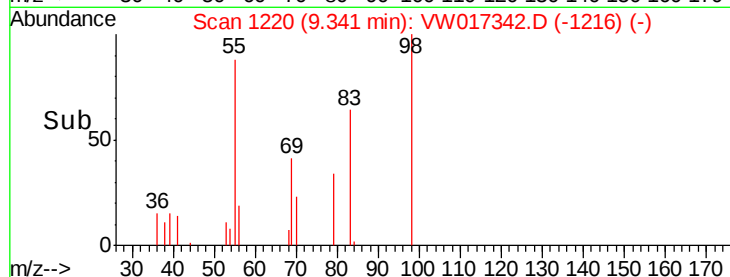
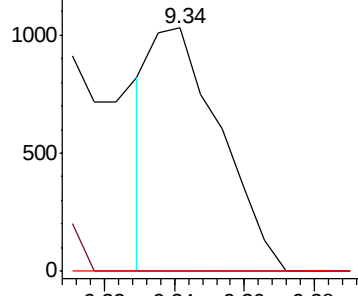
127 0.0 7.3 10.9#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.653 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017342.D

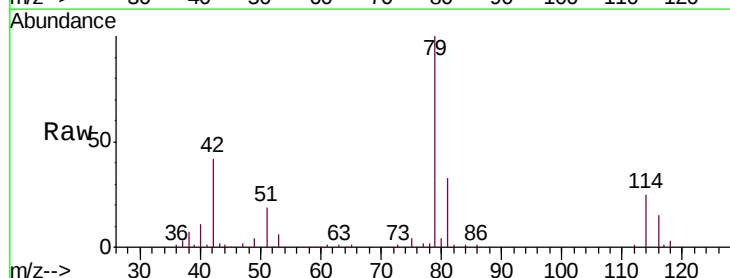
Acq: 18 Nov 2020 21:02

Tgt Ion: 75 Resp: 3793

Ion Ratio Lower Upper

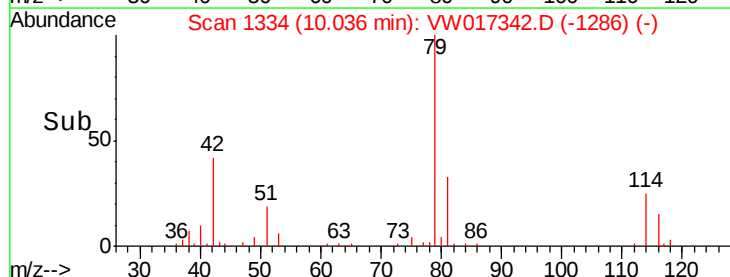
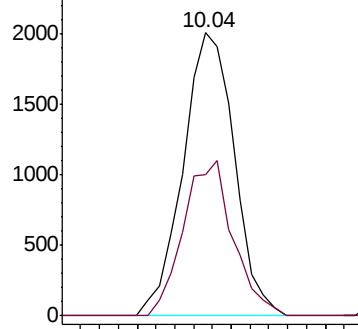
75 100

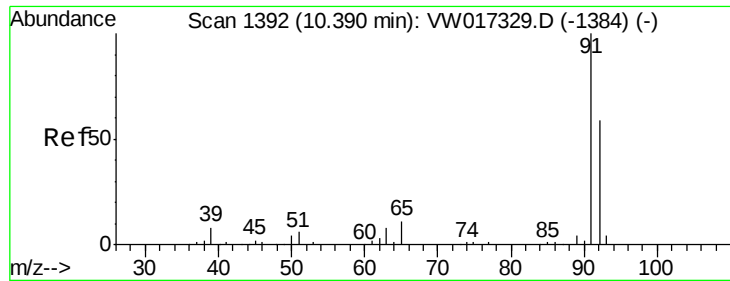
77 49.7 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 0.717 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW017342.D

Acq: 18 Nov 2020 21:02

Instrument :

MSVOA_W

ClientSampleId :

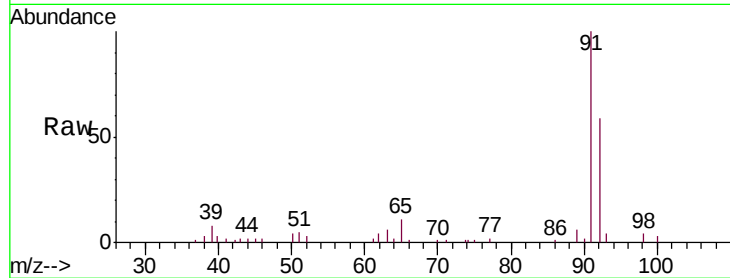
GB0Y4RE

Tgt Ion: 91 Resp: 13168

Ion Ratio Lower Upper

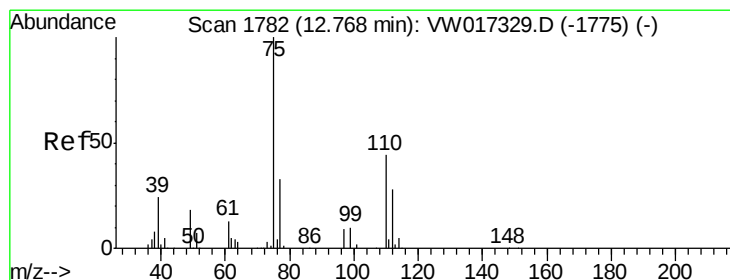
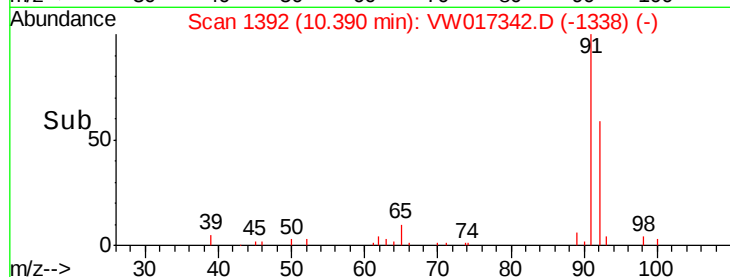
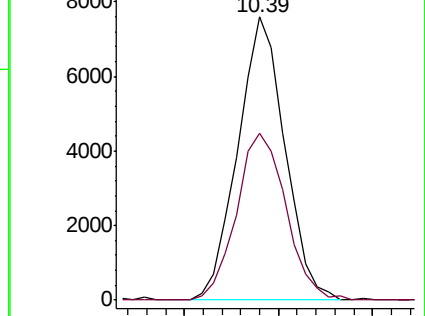
91 100

92 58.8 41.4 76.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#59

1,2,3-Trichloropropane

Concen: 3.700 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017342.D

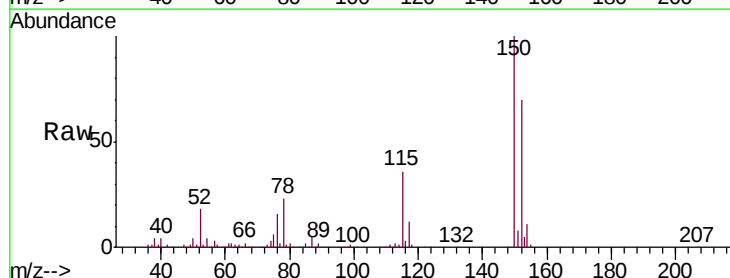
Acq: 18 Nov 2020 21:02

Tgt Ion: 75 Resp: 8535

Ion Ratio Lower Upper

75 100

77 35.3 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

