

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016816.D
 Acq On : 07 Oct 2020 00:40
 Operator : SY/VA
 Sample : L4254-07
 Misc : 4.95G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3T4

Quant Time: Oct 07 03:15:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 03:05:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	483668	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	402758	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	148816	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	131428	27.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.20%
7) Chloroethane-d5	2.89	69	112126	28.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.04%
10) 1,1-Dichloroethene-d2	4.03	63	179243	17.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.76%
20) 2-Butanone-d5	7.07	46	56840	52.59	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.18%
24) Chloroform-d	7.65	84	277887	27.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.92%
26) 1,2-Dichloroethane-d4	8.31	65	138480	28.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.36%
29) Benzene-d6	8.27	84	562390	30.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.96%
33) 1,2-Dichloropropane-d6	9.27	67	157250	31.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.96%#
37) Toluene-d8	10.32	98	507826	29.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.68%
38) trans-1,3-Dichloropropene-	10.58	79	48985	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.36%
39) 2-Hexanone-d5	10.93	63	44545	58.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105860	26.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	130401	27.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.52%

Target Compounds

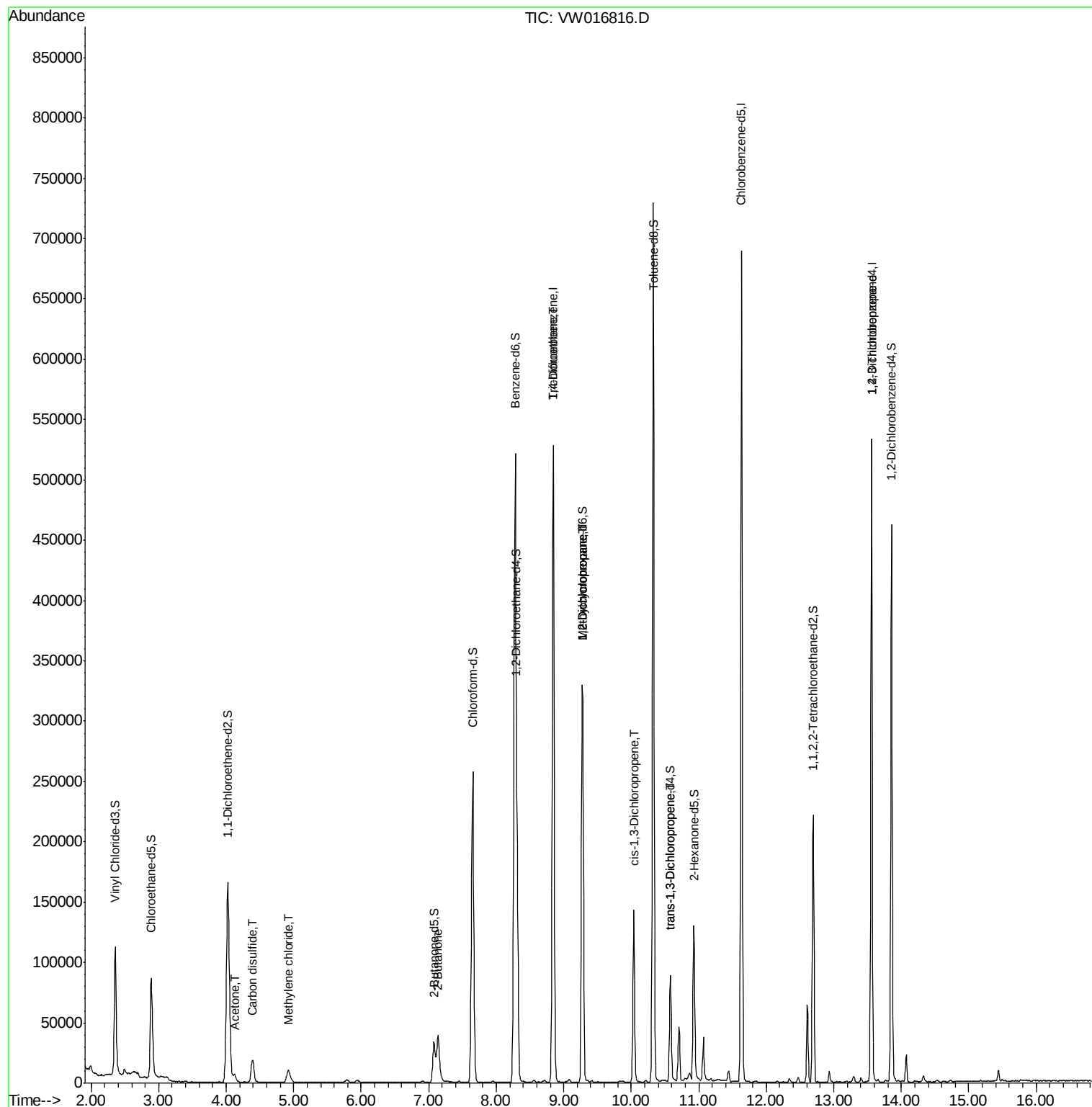
					Ovalue
13) Acetone	4.12	43	11124	13.601	ug/L 100
14) Carbon disulfide	4.39	76	44351	2.473	ug/L 98
16) Methylene chloride	4.92	84	9591	1.437	ug/L 91
21) 2-Butanone	7.13	43	1334	0.972	ug/L 71
35) Trichloroethene	8.84	95	14285	2.335	ug/L # 2
36) Methylcyclohexane	9.27	83	40752	3.962	ug/L # 22
40) 1,2-Dichloropropane	9.27	63	17708	3.621	ug/L # 84
42) cis-1,3-Dichloropropene	10.04	75	3761	0.482	ug/L # 63
45) trans-1,3-Dichloropropene	10.58	75	2160	0.329	ug/L 93
59) 1,2,3-Trichloropropane	13.55	75	15375	4.830	ug/L 91

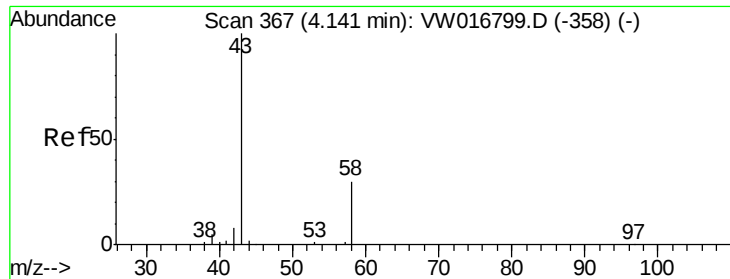
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 07 03:15:43 2020
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Quant Title : VOC Analysis
QLast Update : Wed Oct 07 03:05:19 2020
Response via : Initial Calibration





#13

Acetone

Concen: 13.601 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW016816.D

Acq: 07 Oct 2020 00:40

Instrument :

MSVOA_W

ClientSampled :

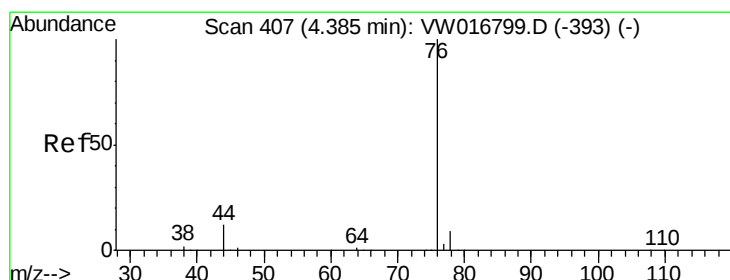
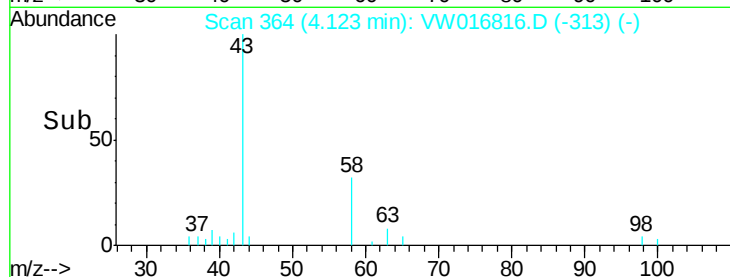
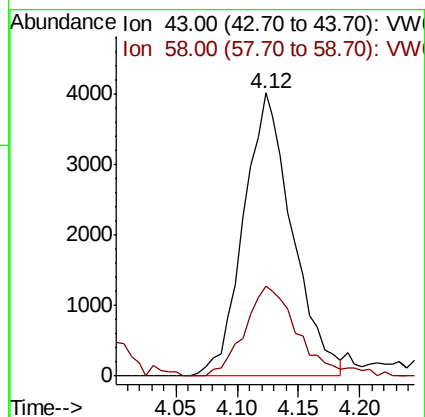
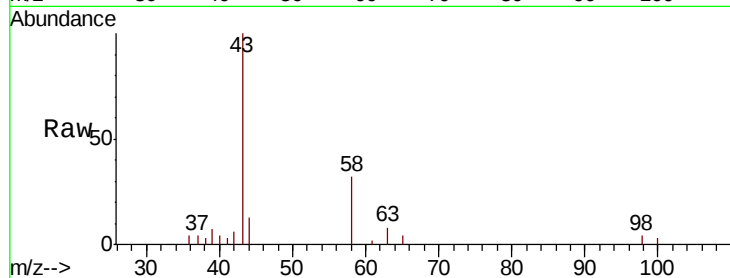
BG3T4

Tot Ion: 43 Resp: 11124

Ion Ratio Lower Upper

43 100

58 33.6 0.0 67.6



#14

Carbon disulfide

Concen: 2.473 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW016816.D

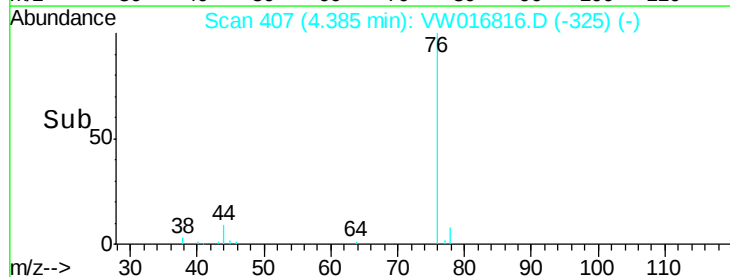
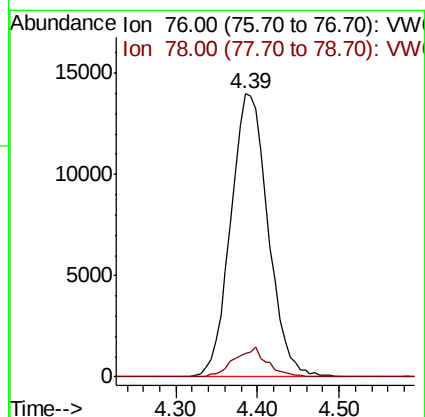
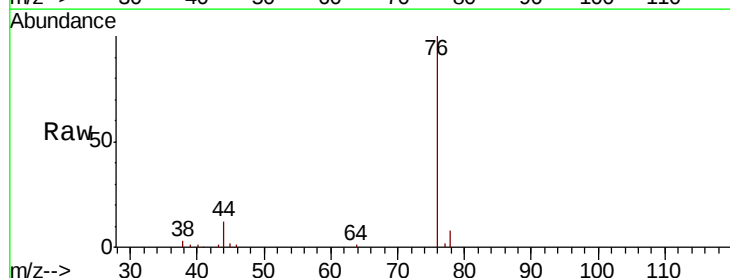
Acq: 07 Oct 2020 00:40

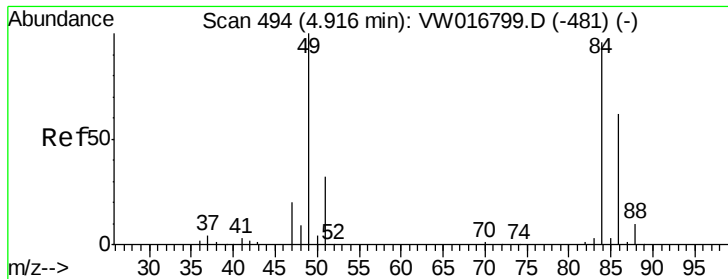
Tgt Ion: 76 Resp: 44351

Ion Ratio Lower Upper

76 100

78 8.4 7.4 11.0

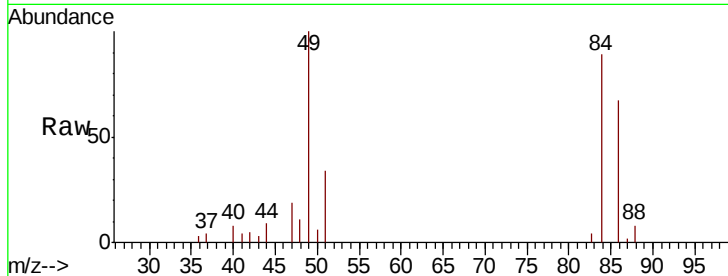




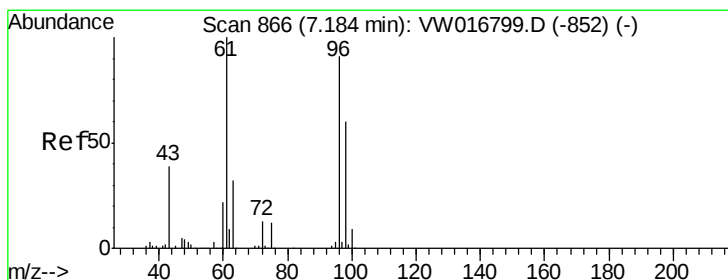
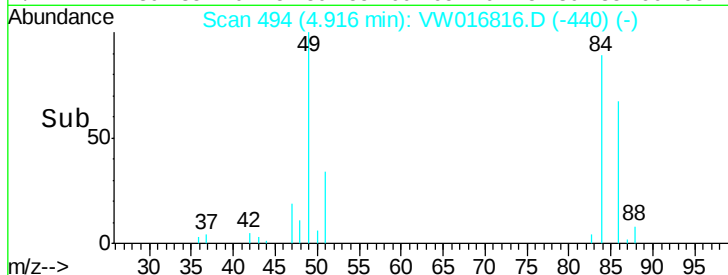
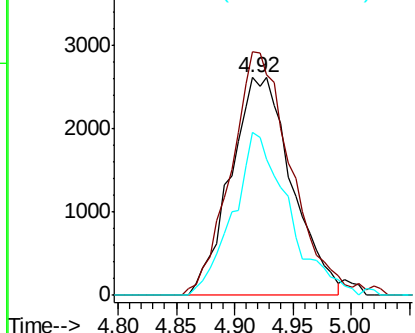
#16
Methvlene chloride
Concen: 1.437 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW016816.D
Acq: 07 Oct 2020 00:40

Instrument :
MSVOA_W
ClientSampleId :
BG3T4

Tot Ion: 84 Resp: 9591
Ion Ratio Lower Upper
84 100
49 111.8 73.1 135.8
86 74.7 46.0 85.4

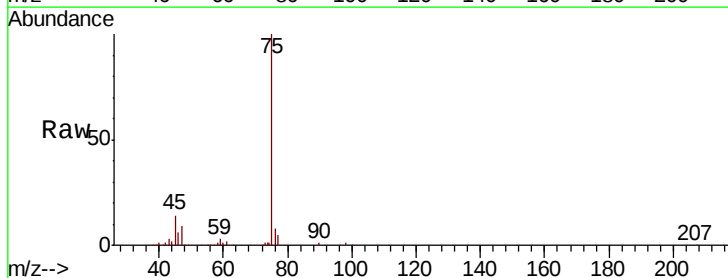


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

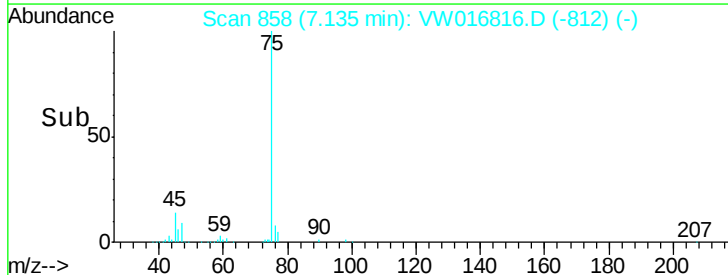
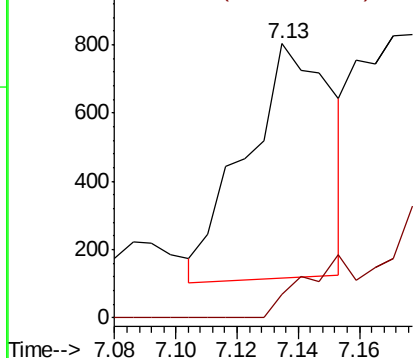


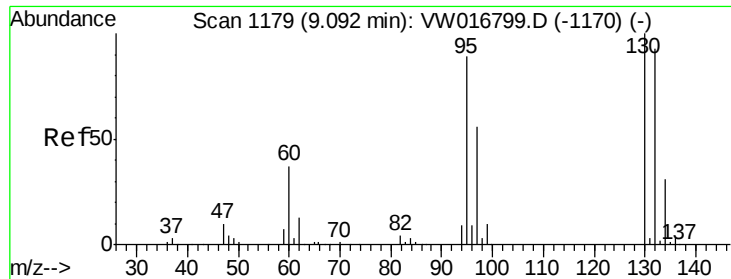
#21
2-Butanone
Concen: 0.972 ug/L
RT: 7.13 min Scan# 858
Delta R.T. -0.05 min
Lab File: VW016816.D
Acq: 07 Oct 2020 00:40

Tgt Ion: 43 Resp: 1334
Ion Ratio Lower Upper
43 100
72 16.3 16.2 48.5



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#35

Trichloroethene

Concen: 2.335 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW016816.D

Acq: 07 Oct 2020 00:40

Instrument :

MSVOA_W

ClientSampled :

BG3T4

Tot Ion: 95 Resp: 14285

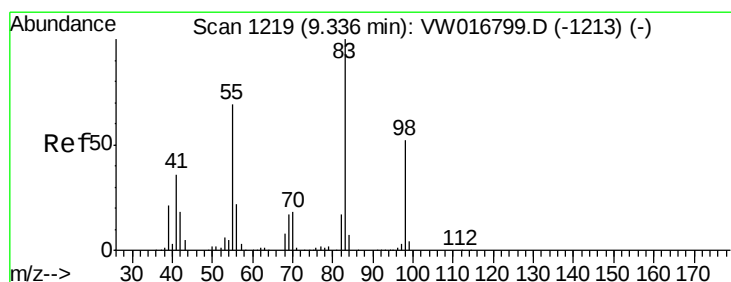
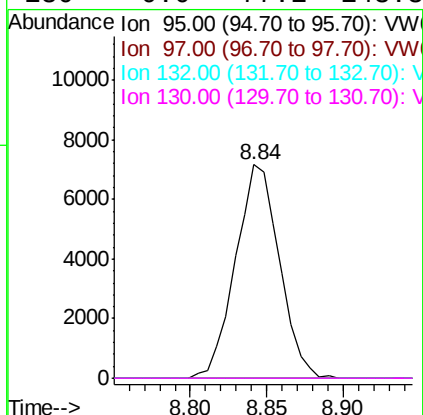
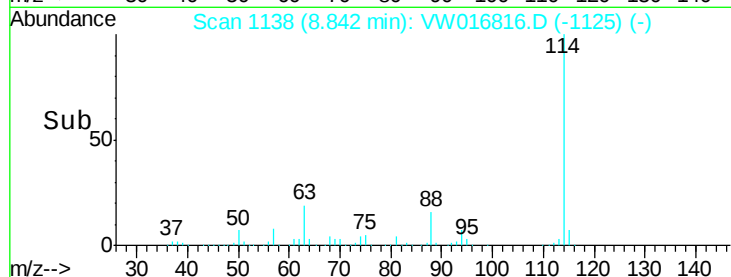
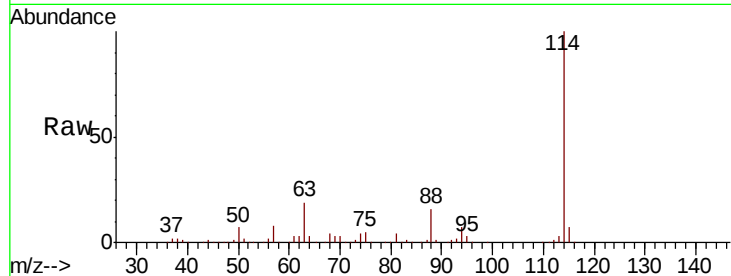
Ion Ratio Lower Upper

95 100

97 0.3 44.7 83.1#

132 0.5 73.8 137.2#

130 0.0 77.1 143.3#



#36

Methylcyclohexane

Concen: 3.962 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW016816.D

Acq: 07 Oct 2020 00:40

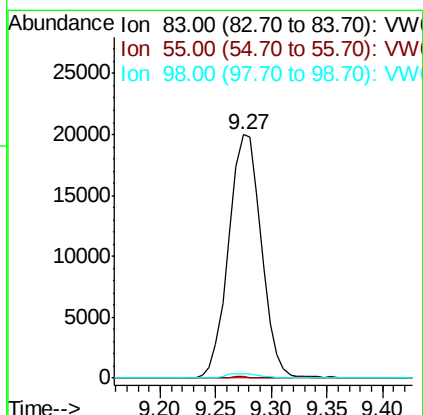
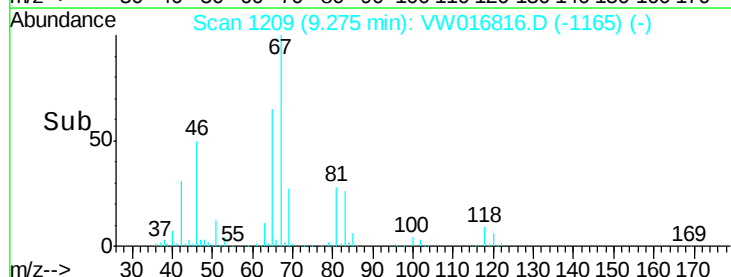
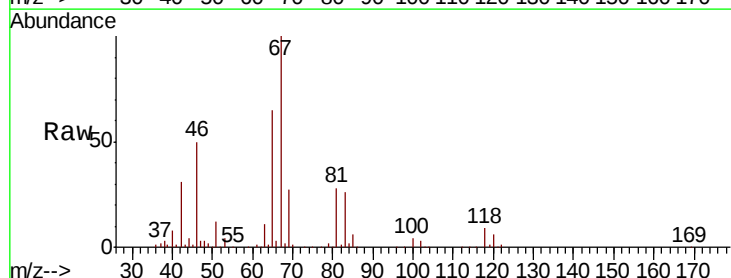
Tgt Ion: 83 Resp: 40752

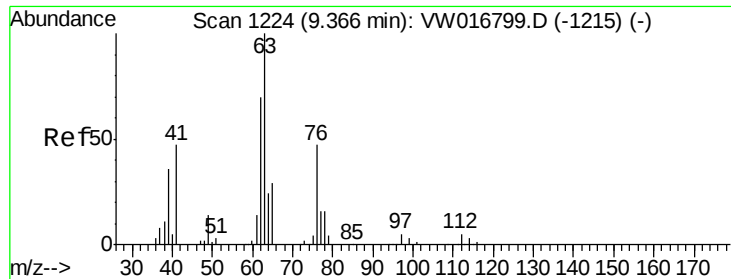
Ion Ratio Lower Upper

83 100

55 0.6 54.2 81.4#

98 1.9 41.4 62.2#

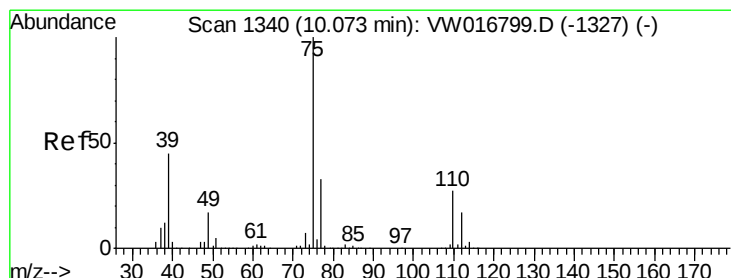
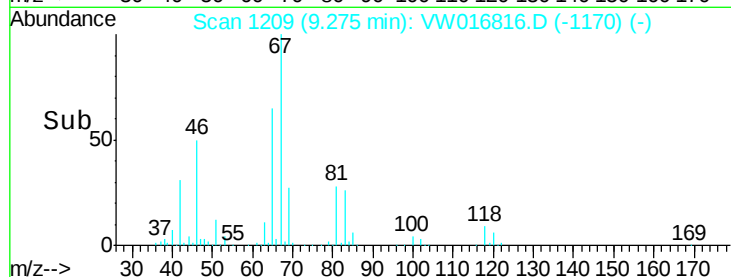
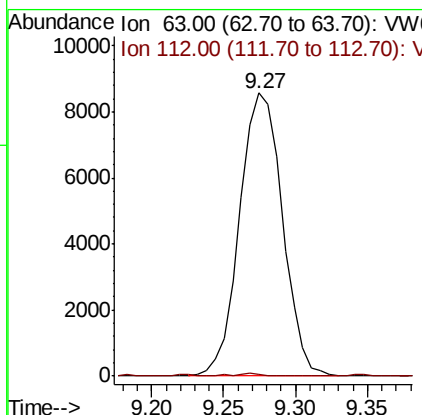
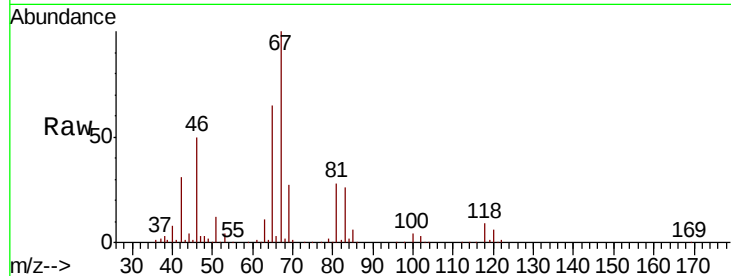




#40
 1,2-Dichloropropane
 Concen: 3.621 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW016816.D
 Acq: 07 Oct 2020 00:40

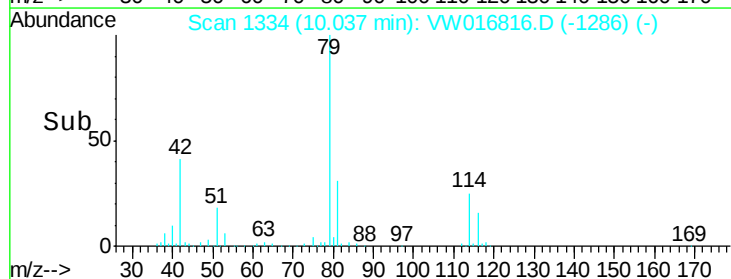
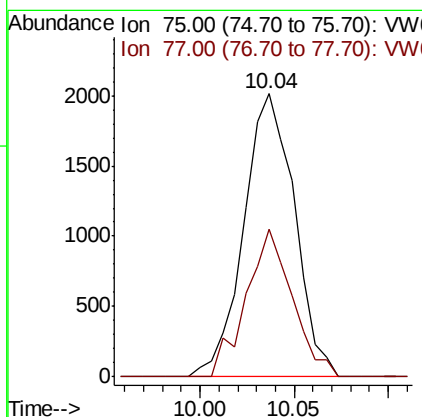
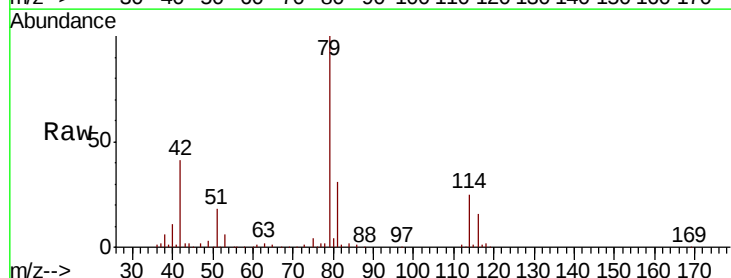
Instrument :
 MSVOA_W
 ClientSampleId :
 BG3T4

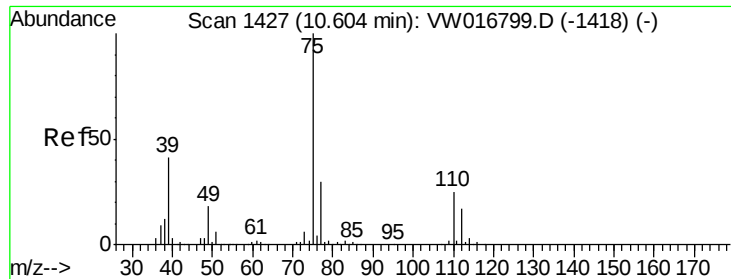
Tot Ion: 63 Resp: 17708
 Ion Ratio Lower Upper
 63 100
 112 0.4 4.5 6.7#



#42
 cis-1,3-Dichloropropene
 Concen: 0.482 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016816.D
 Acq: 07 Oct 2020 00:40

Tgt Ion: 75 Resp: 3761
 Ion Ratio Lower Upper
 75 100
 77 52.2 22.1 41.1#





#45

trans-1,3-Dichloropropene

Concen: 0.329 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW016816.D

Acq: 07 Oct 2020 00:40

Instrument :

MSVOA_W

ClientSampleId :

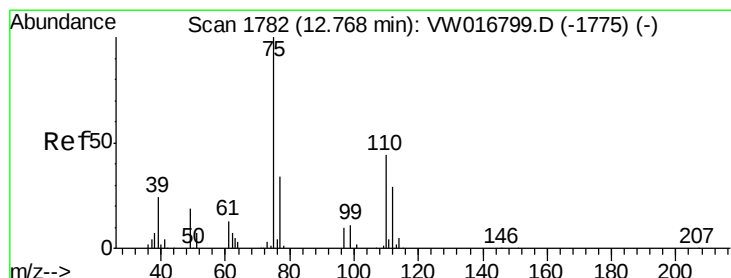
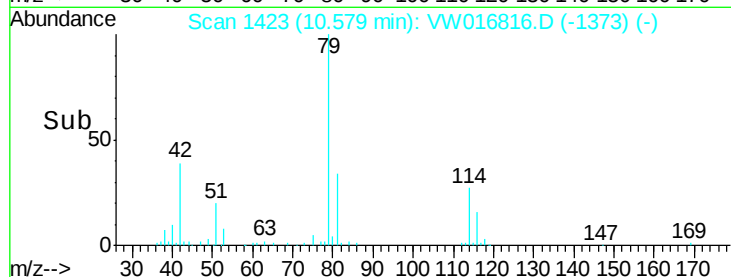
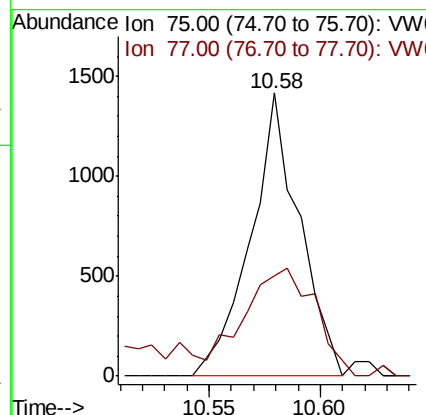
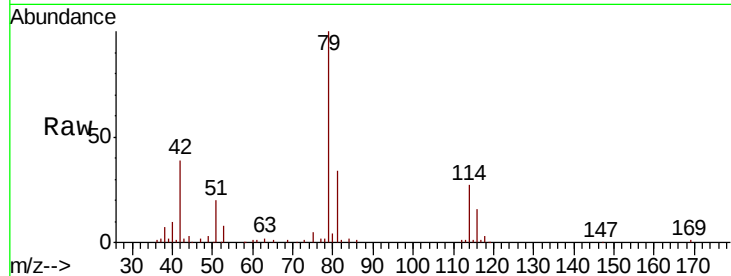
BG3T4

Tot Ion: 75 Resp: 2160

Ion Ratio Lower Upper

75 100

77 35.5 22.2 41.2



#59

1,2,3-Trichloropropane

Concen: 4.830 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW016816.D

Acq: 07 Oct 2020 00:40

Tgt Ion: 75 Resp: 15375

Ion Ratio Lower Upper

75 100

77 37.6 26.2 39.2

