

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016819.D
 Acq On : 07 Oct 2020 01:50
 Operator : SY/VA
 Sample : L4254-14
 Misc : 5.75G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3T7

Quant Time: Oct 07 03:16:07 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	579342	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	511539	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	216129	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	153656	26.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.56%
7) Chloroethane-d5	2.89	69	127587	26.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.44%
10) 1,1-Dichloroethene-d2	4.02	63	214783	17.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.80%
20) 2-Butanone-d5	7.07	46	66085	51.05	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.10%
24) Chloroform-d	7.65	84	322335	26.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.48%
26) 1,2-Dichloroethane-d4	8.31	65	162784	27.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.28%
29) Benzene-d6	8.27	84	668016	28.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.00%
33) 1,2-Dichloropropane-d6	9.27	67	180603	28.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.72%
37) Toluene-d8	10.32	98	621209	28.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.36%
38) trans-1,3-Dichloropropene-	10.58	79	68314	24.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.24%
39) 2-Hexanone-d5	10.93	63	53851	55.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	133397	26.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	191963	28.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.00%

Target Compounds

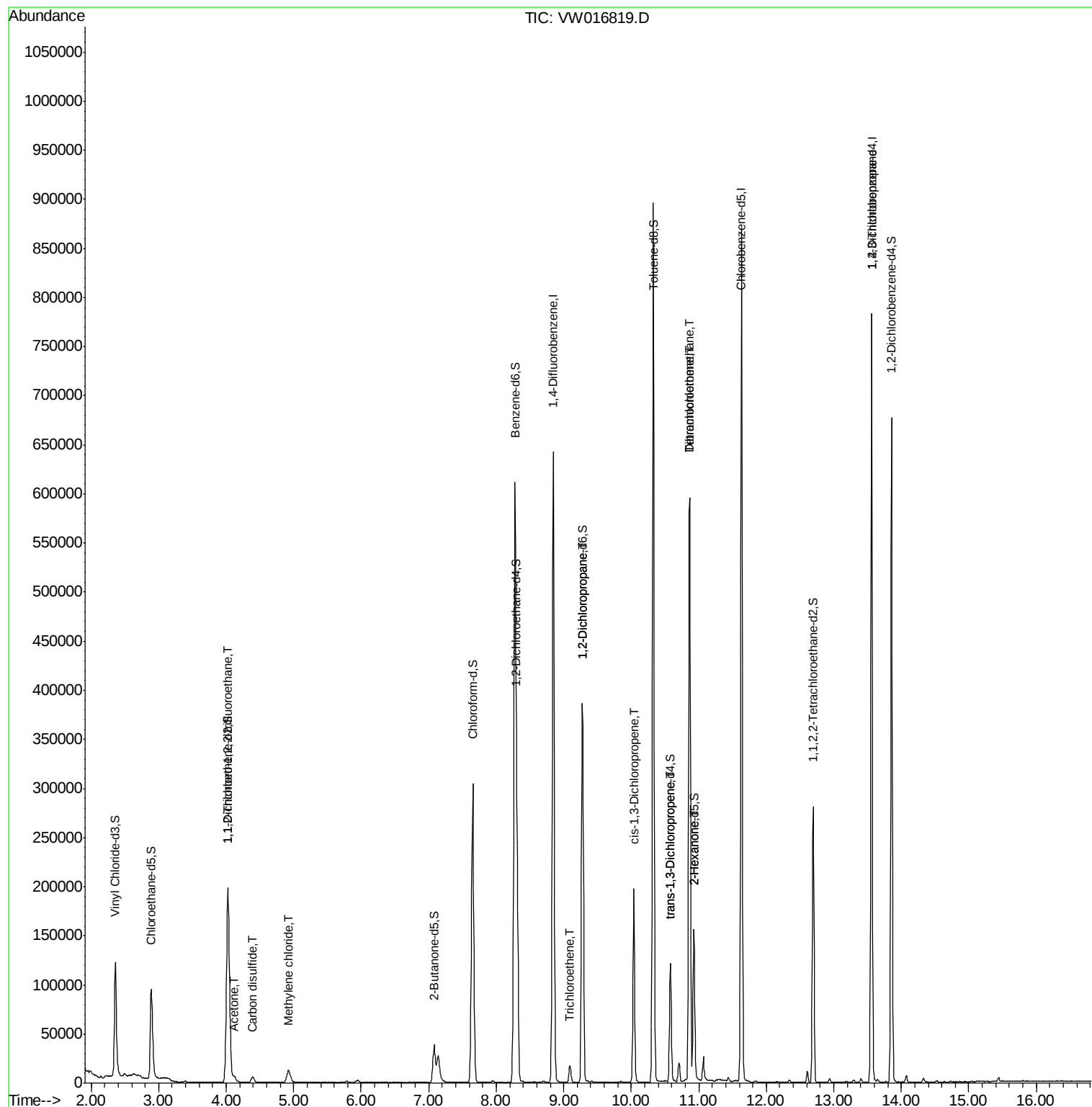
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	2634	0.338	ug/L #	17
13) Acetone	4.12	43	9445	9.641	ug/L	96
14) Carbon disulfide	4.39	76	13906	0.647	ug/L	97
16) Methylene chloride	4.93	84	12659	1.583	ug/L	96
35) Trichloroethene	9.09	95	5230	0.673	ug/L	98
40) 1,2-Dichloropropane	9.27	63	20686	3.330	ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	4943	0.499	ug/L	83
45) trans-1,3-Dichloropropene	10.58	75	3000	0.360	ug/L	92
47) Tetrachloroethene	10.87	164	146791	20.377	ug/L	99
49) 2-Hexanone	10.93	43	6296	3.050	ug/L #	65
50) Dibromochloromethane	10.87	129	129007	20.551	ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	22525	5.572	ug/L	94

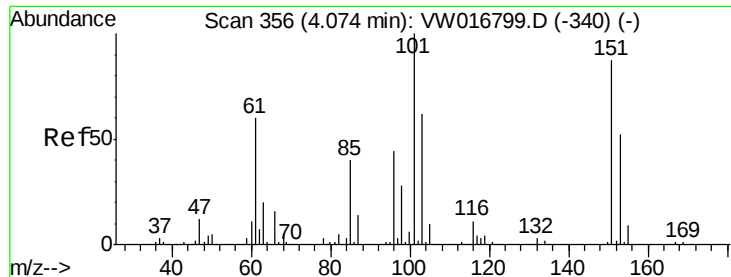
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100720\
Data File : VW016819.D
Acq On : 07 Oct 2020 01:50
Operator : SY/VA
Sample : L4254-14
Misc : 5.75G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3T7

Quant Time: Oct 07 03:16:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 07 03:05:19 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.338 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.05 min

Lab File: VW016819.D

Acq: 07 Oct 2020 01:50

Instrument :

MSVOA_W

ClientSampled :

BG3T7

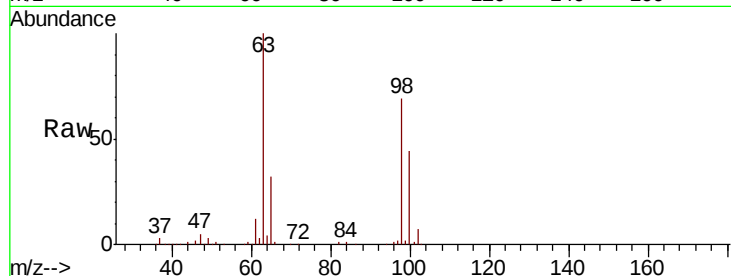
Tot Ion:101 Resp: 2634

Ion Ratio Lower Upper

101 100

85 0.0 31.7 47.5#

151 0.0 66.6 99.8#



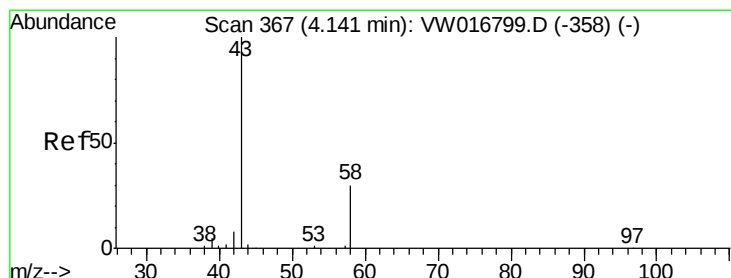
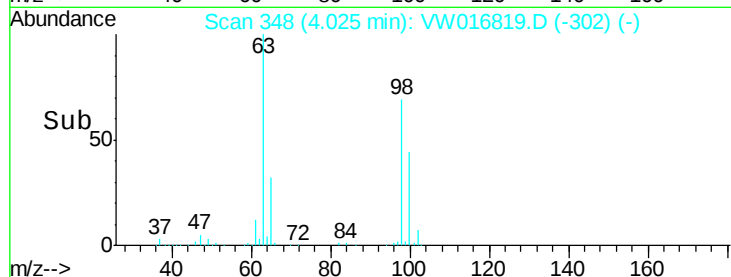
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V

4.03

Time-->



#13

Acetone

Concen: 9.641 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW016819.D

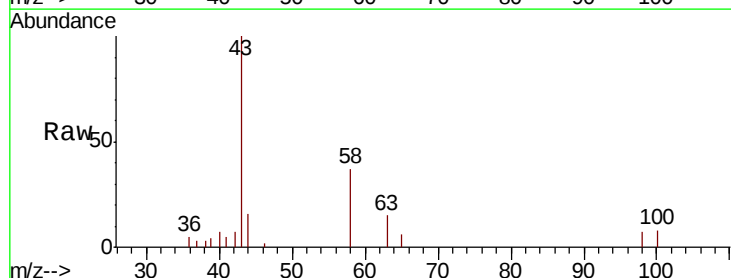
Acq: 07 Oct 2020 01:50

Tgt Ion: 43 Resp: 9445

Ion Ratio Lower Upper

43 100

58 31.4 0.0 67.6

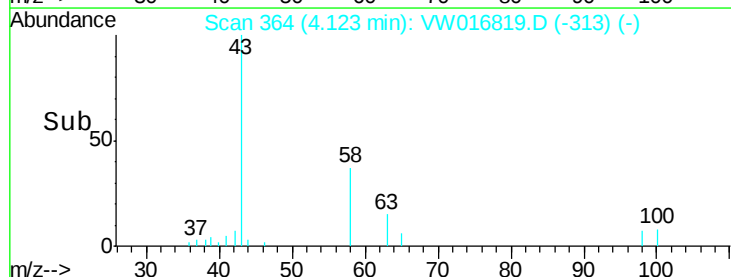


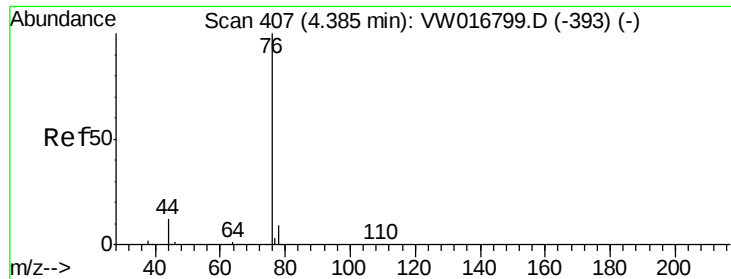
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

Time-->





#14

Carbon disulfide

Concen: 0.647 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW016819.D

Acq: 07 Oct 2020 01:50

Instrument :

MSVOA_W

ClientSampleId :

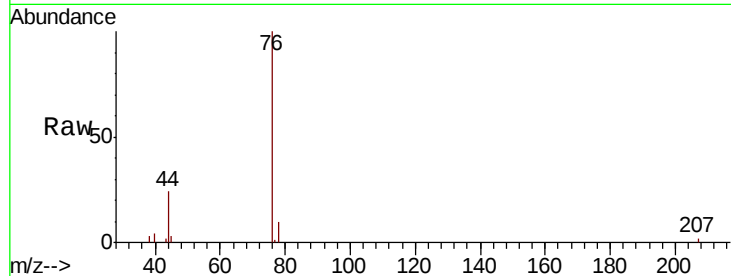
BG3T7

Tot Ion: 76 Resp: 13906

Ion Ratio Lower Upper

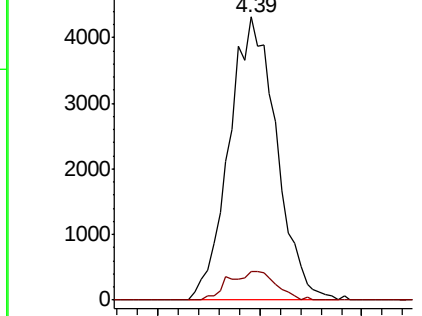
76 100

78 10.2 7.4 11.0

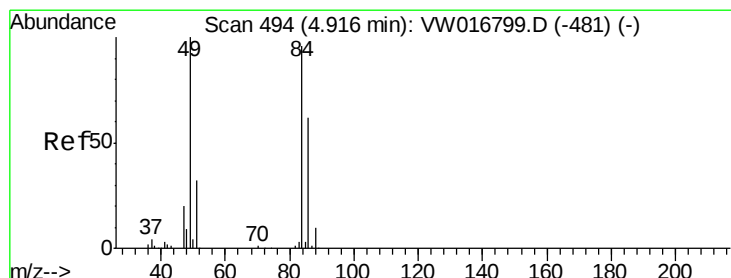
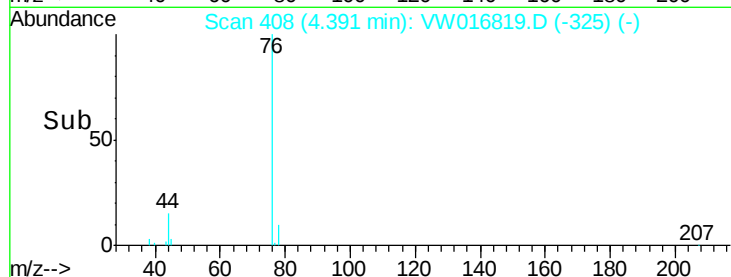


Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW



Time-->



#16

Methylene chloride

Concen: 1.583 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016819.D

Acq: 07 Oct 2020 01:50

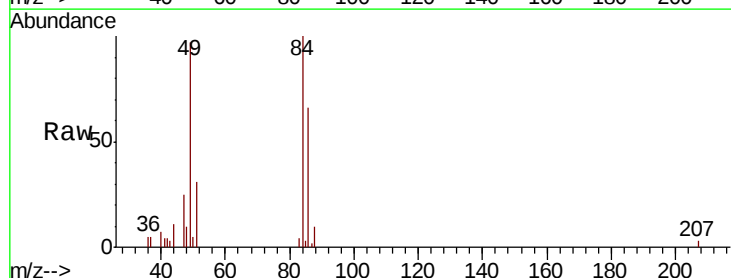
Tgt Ion: 84 Resp: 12659

Ion Ratio Lower Upper

84 100

49 97.2 73.1 135.8

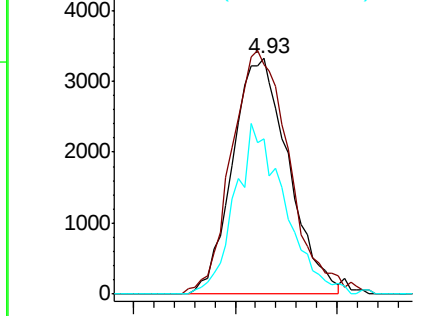
86 65.8 46.0 85.4



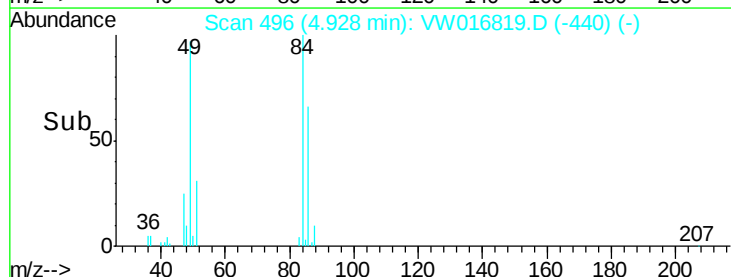
Abundance Ion 84.00 (83.70 to 84.70): VW

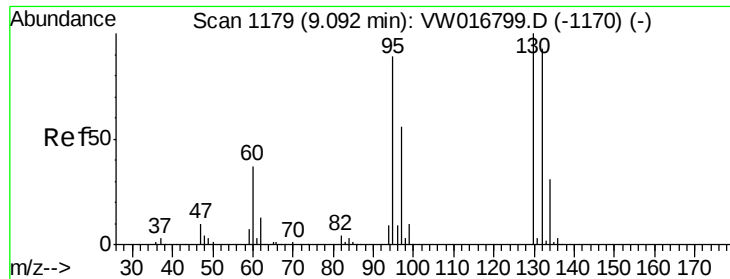
Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->





#35

Trichloroethene

Concen: 0.673 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW016819.D

Acq: 07 Oct 2020 01:50

Instrument :

MSVOA_W

ClientSampled :

BG3T7

Tot Ion: 95 Resp: 5230

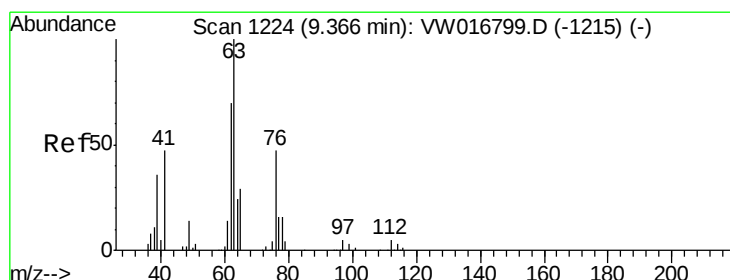
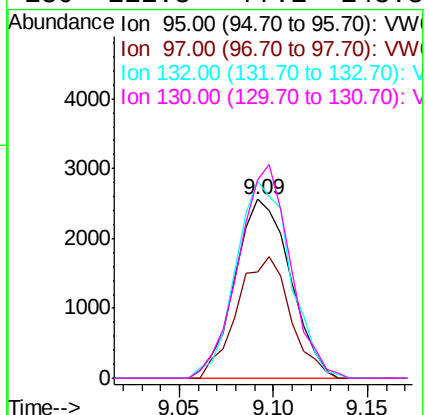
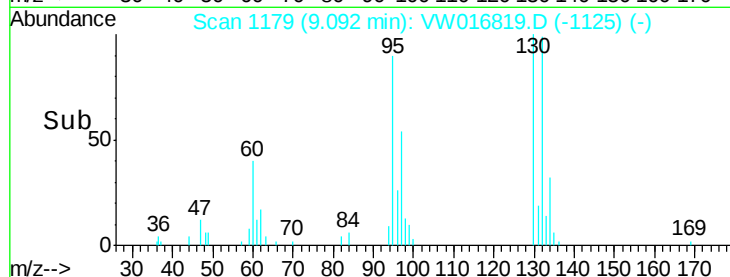
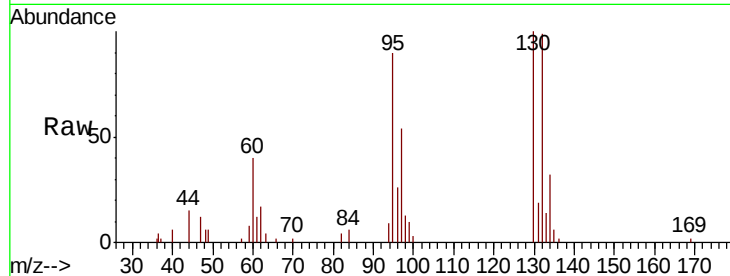
Ion Ratio Lower Upper

95 100

97 65.2 44.7 83.1

132 108.2 73.8 137.2

130 111.3 77.1 143.3



#40

1,2-Dichloropropane

Concen: 3.330 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW016819.D

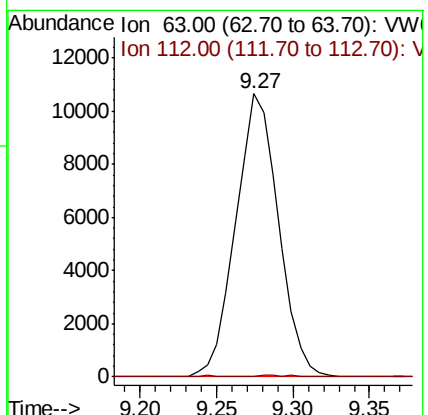
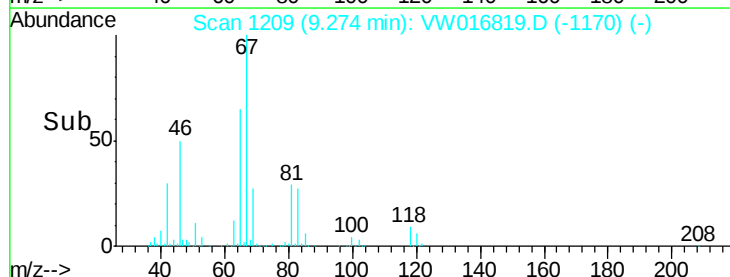
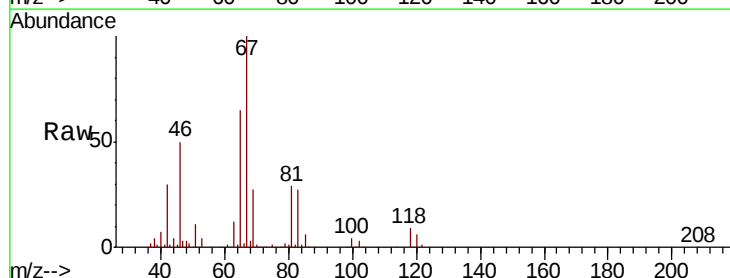
Acq: 07 Oct 2020 01:50

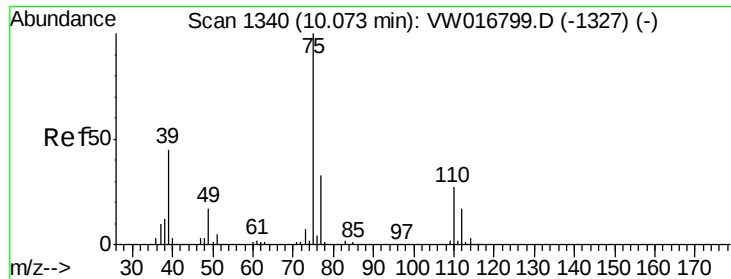
Tgt Ion: 63 Resp: 20686

Ion Ratio Lower Upper

63 100

112 0.2 4.5 6.7#





#42

cis-1,3-Dichloropropene

Concen: 0.499 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016819.D

Acq: 07 Oct 2020 01:50

Instrument :

MSVOA_W

ClientSampled :

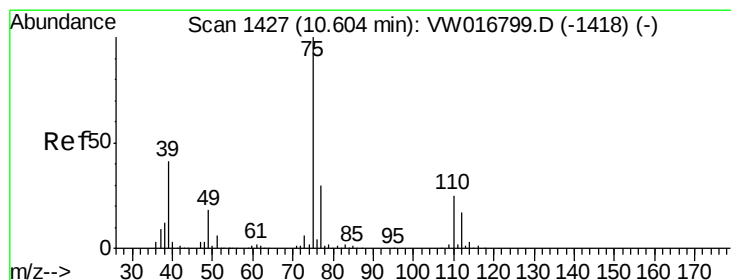
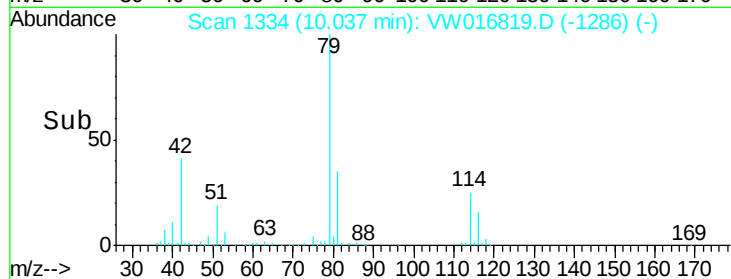
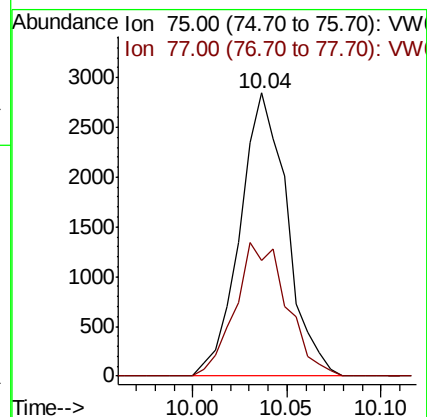
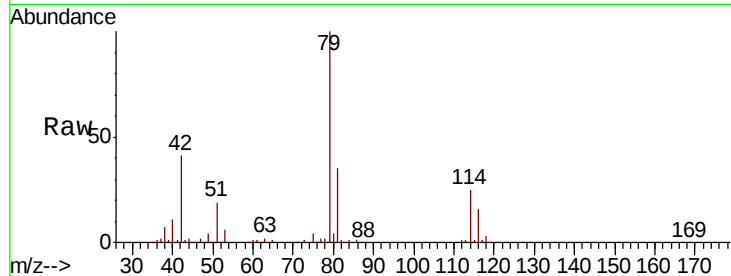
BG3T7

Tot Ion: 75 Resp: 4943

Ion Ratio Lower Upper

75 100

77 40.8 22.1 41.1



#45

trans-1,3-Dichloropropene

Concen: 0.360 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW016819.D

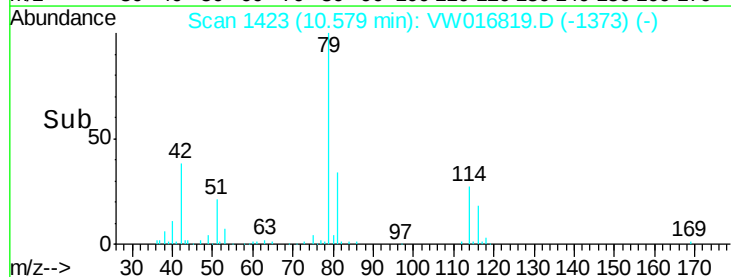
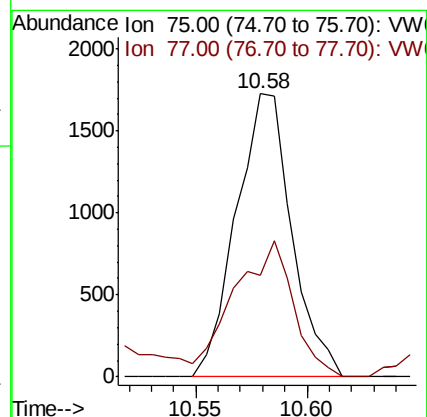
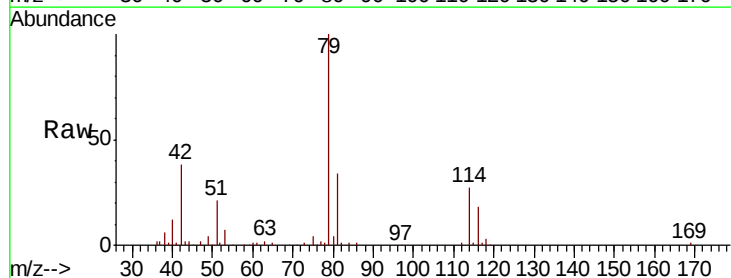
Acq: 07 Oct 2020 01:50

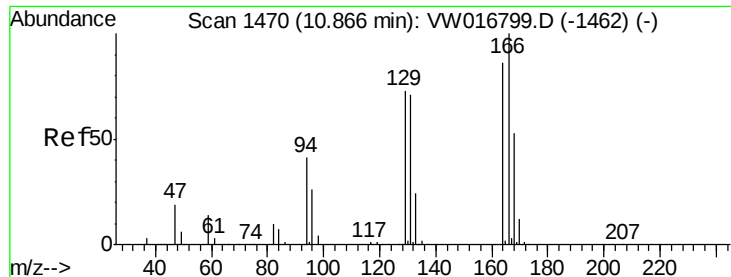
Tgt Ion: 75 Resp: 3000

Ion Ratio Lower Upper

75 100

77 36.1 22.2 41.2

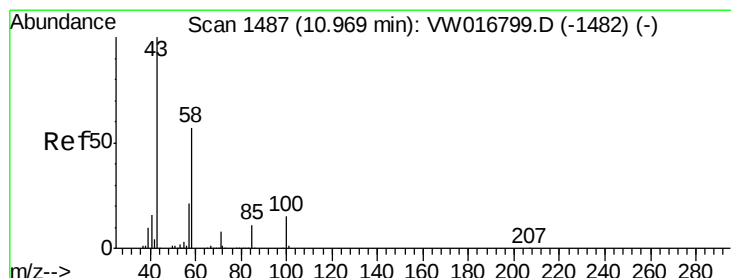
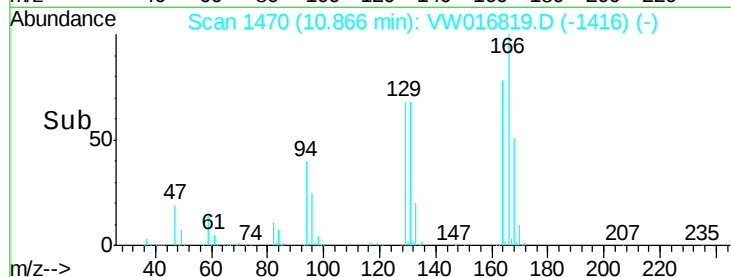
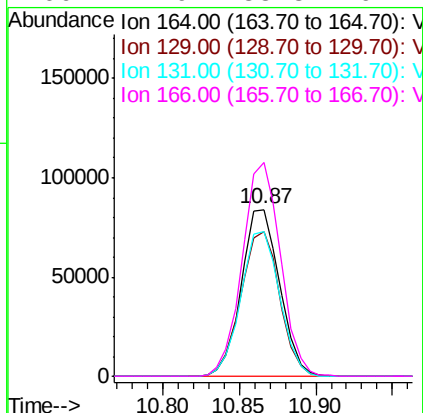
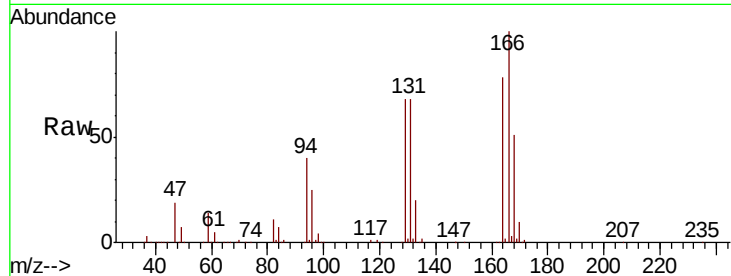




#47
Tetrachloroethene
Concen: 20.377 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016819.D
Acq: 07 Oct 2020 01:50

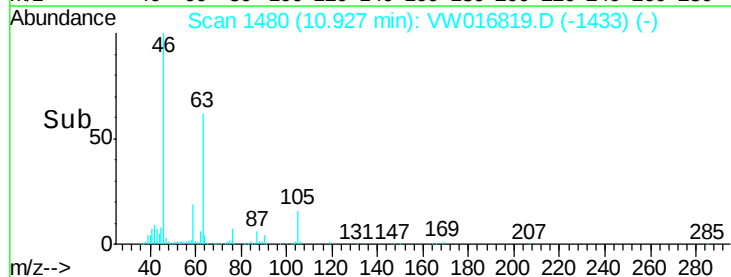
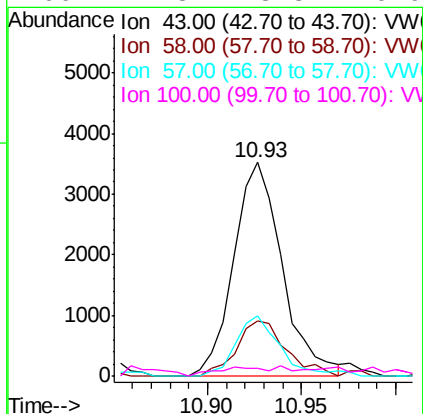
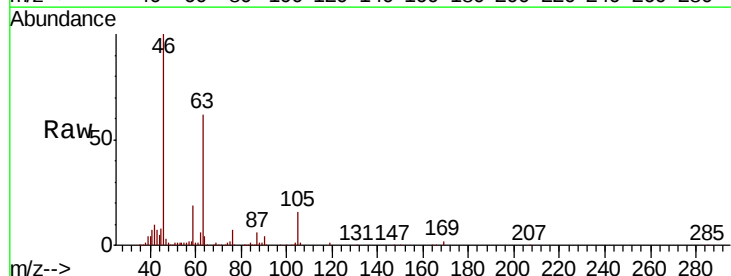
Instrument :
MSVOA_W
ClientSampleId :
BG3T7

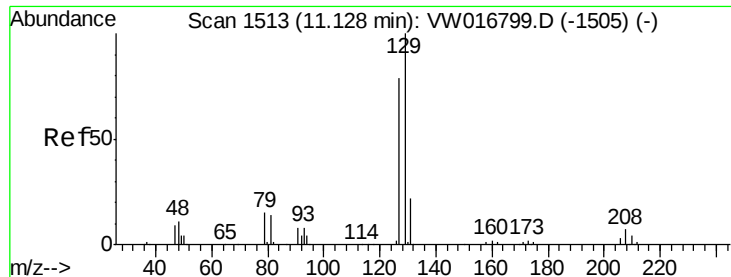
Tot Ion:164 Resp: 146791
Ion Ratio Lower Upper
164 100
129 86.8 61.7 114.7
131 86.5 59.7 110.9
166 127.9 88.3 164.1



#49
2-Hexanone
Concen: 3.050 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW016819.D
Acq: 07 Oct 2020 01:50

Tgt Ion: 43 Resp: 6296
Ion Ratio Lower Upper
43 100
58 26.1 47.1 70.7#
57 24.9 16.2 24.4#
100 2.8 13.3 19.9#

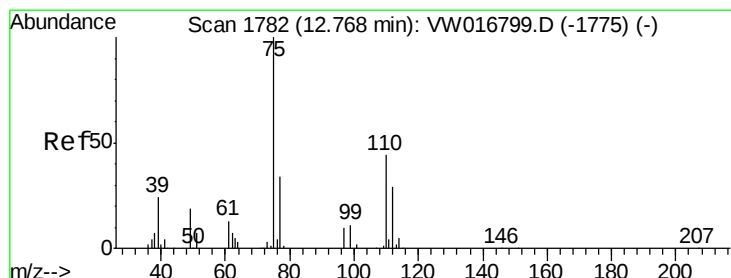
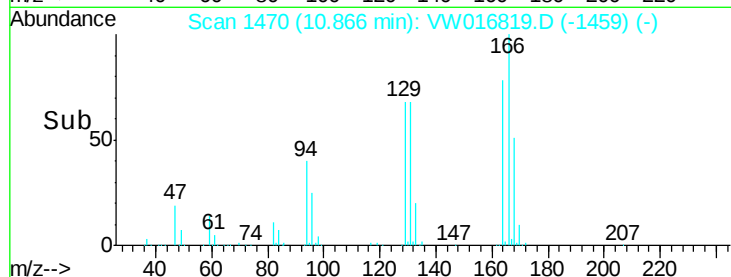
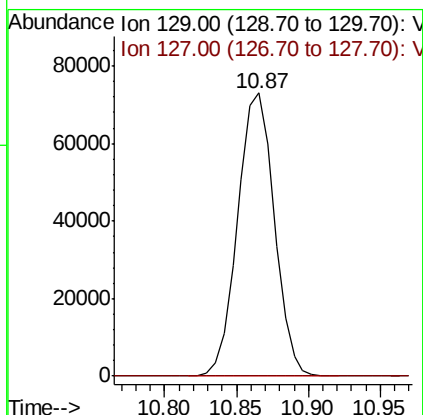
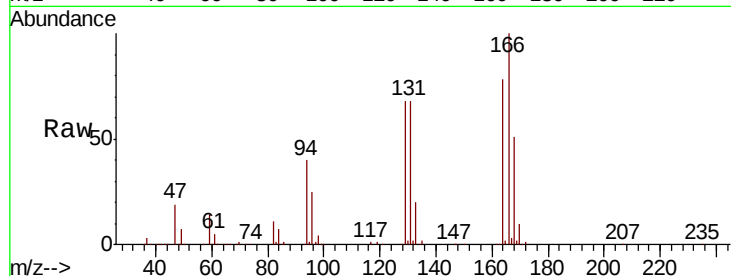




#50
 Dibromochloromethane
 Concen: 20.551 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.26 min
 Lab File: VW016819.D
 Acq: 07 Oct 2020 01:50

Instrument :
 MSVOA_W
 ClientSampled :
 BG3T7

Tot Ion:129 Resp: 129007
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.0 100.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.572 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW016819.D
 Acq: 07 Oct 2020 01:50

Tgt Ion: 75 Resp: 22525
 Ion Ratio Lower Upper
 75 100
 77 36.3 26.2 39.2

