

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063549.D
 Acq On : 22 Sep 2020 21:42
 Operator : JC/MD
 Sample : L4094-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KTS-WC-L-01

Quant Time: Sep 23 04:03:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	217638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	406119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	407220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	171117	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	182628	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
35) Dibromofluoromethane	7.55	113	134376	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	
50) Toluene-d8	10.06	98	517577	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	12.38	95	203177	52.43	ug/l	0.00
Spiked Amount			Recovery	=	104.86%	

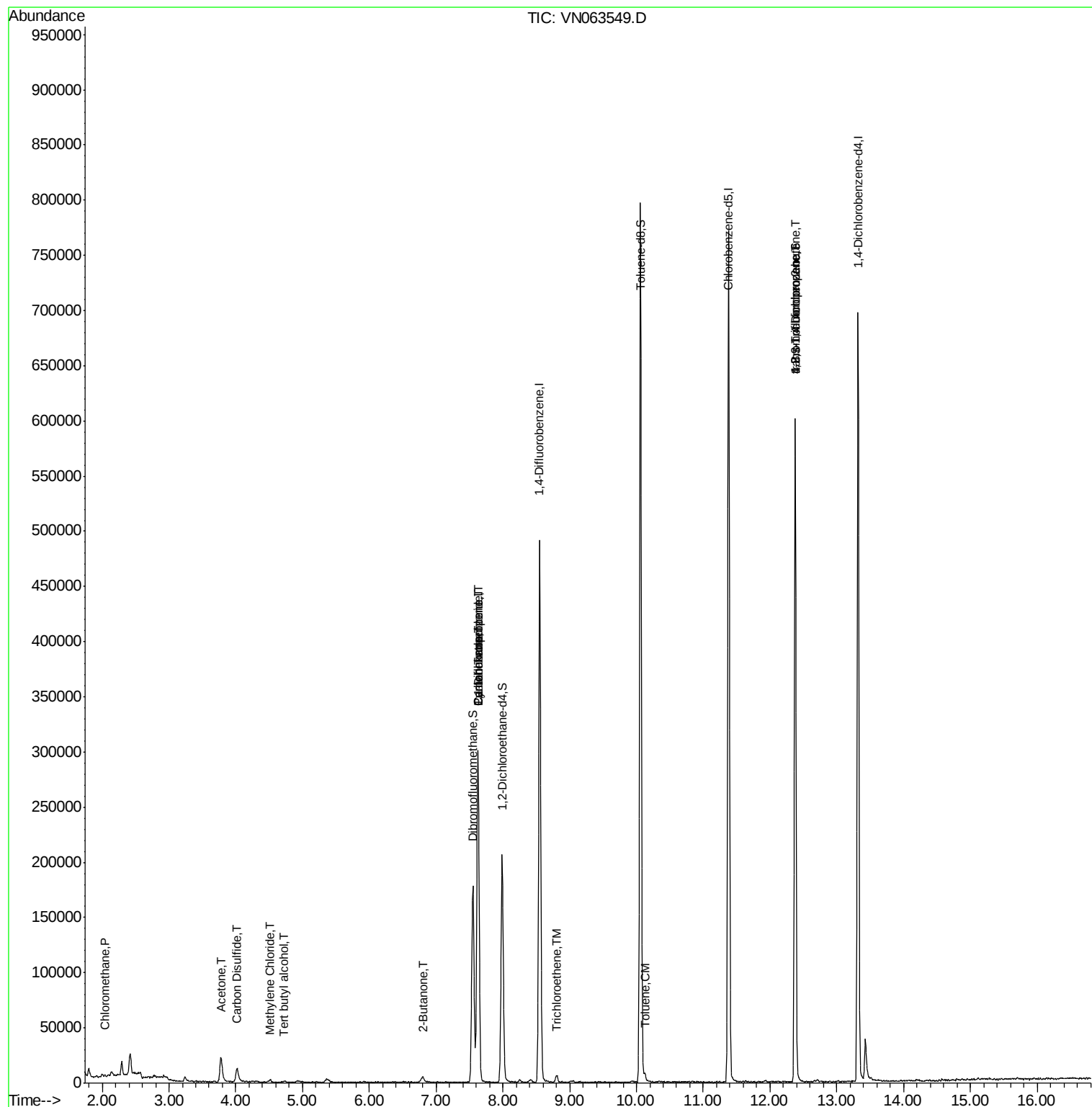
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1058	0.324	ug/l #	81
11) Tert butyl alcohol	4.73	59	767	1.494	ug/l #	72
16) Acetone	3.78	43	39046	32.794	ug/l	98
17) Carbon Disulfide	4.01	76	2189	0.306	ug/l #	75
20) Methylene Chloride	4.52	84	843	0.279	ug/l #	62
25) 2-Butanone	6.79	43	3991	2.179	ug/l	93
31) Cyclohexane	7.63	56	6743	1.318	ug/l #	5
36) 1,1-Dichloropropene	7.62	75	21131	4.884	ug/l #	46
38) Carbon Tetrachloride	7.62	117	23931	5.418	ug/l #	16
44) Trichloroethene	8.79	130	998	0.333	ug/l	93
52) Toluene	10.13	92	2591	0.349	ug/l	96
76) 1,2,3-Trichloropropane	12.38	75	113695	26.844	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	113695	73.596	ug/l #	7

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063549.D

Acq: 22 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

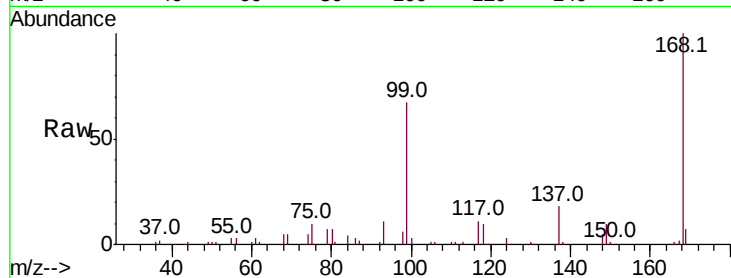
KTS-WC-L-01

Tot Ion:168 Resp: 217638

Ion Ratio Lower Upper

168 100

99 66.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

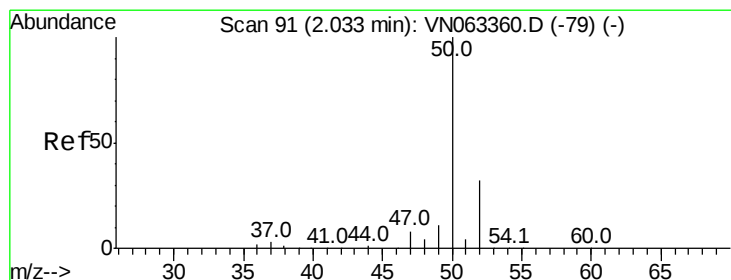
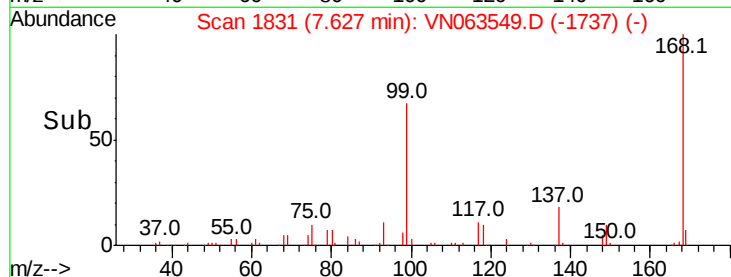
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.324 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.01 min

Lab File: VN063549.D

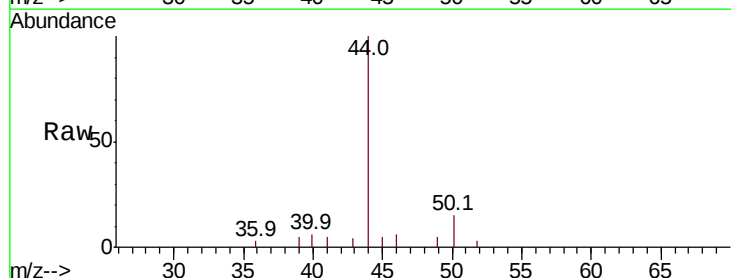
Acq: 22 Sep 2020 21:42

Tgt Ion: 50 Resp: 1058

Ion Ratio Lower Upper

50 100

52 22.0 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

800

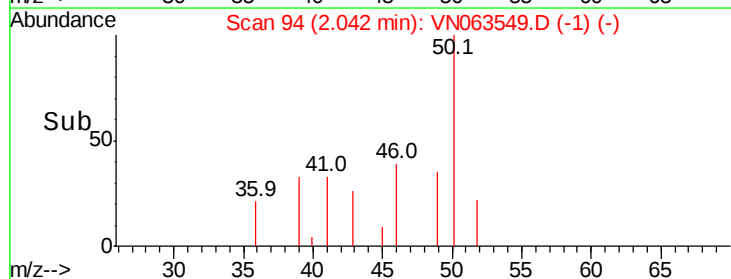
600

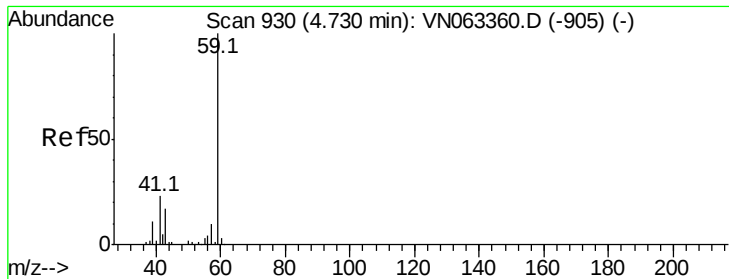
400

200

0

Time--> 2.00 2.02 2.04 2.06

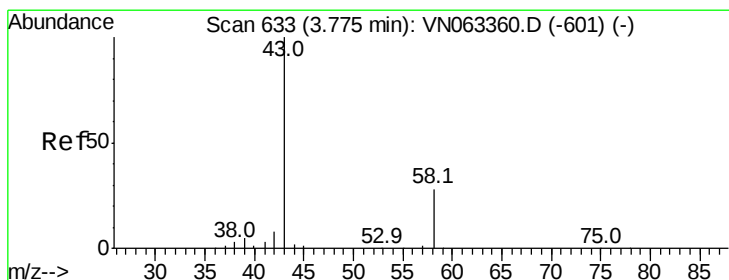
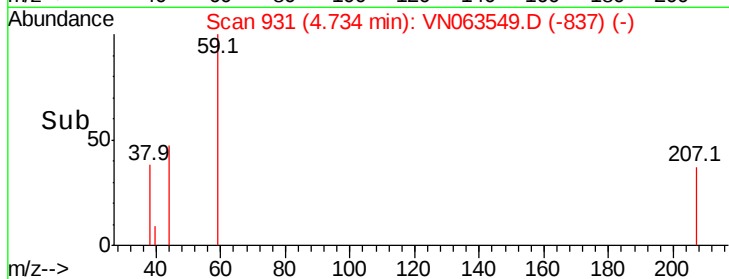
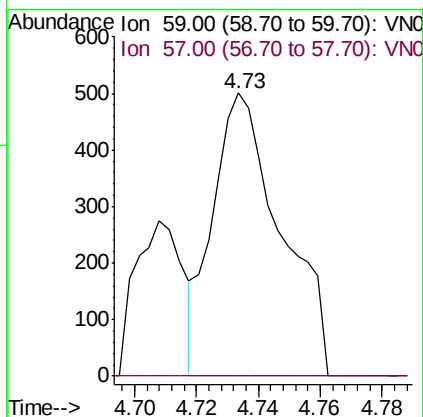
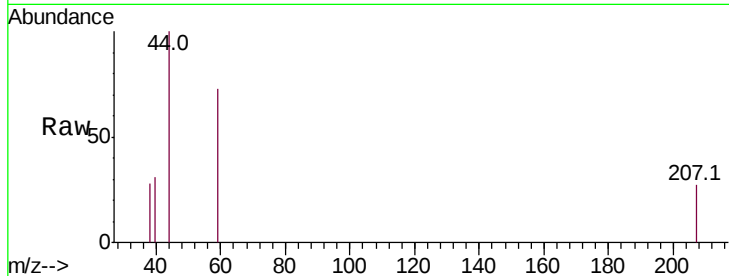




#11
Tert butyl alcohol
Concen: 1.494 ug/l
RT: 4.73 min Scan# 931
Delta R.T. 0.00 min
Lab File: VN063549.D
Acq: 22 Sep 2020 21:42

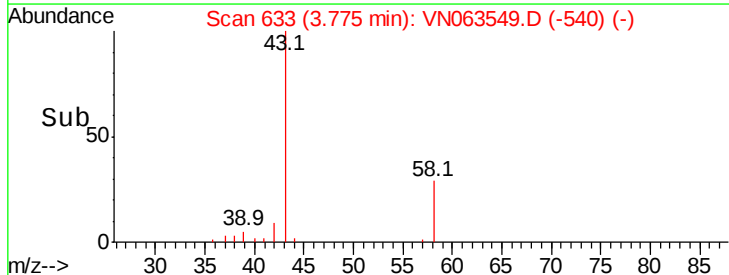
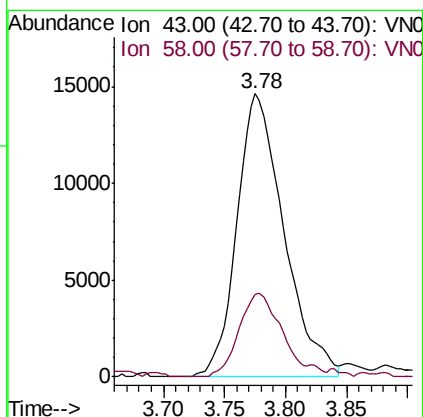
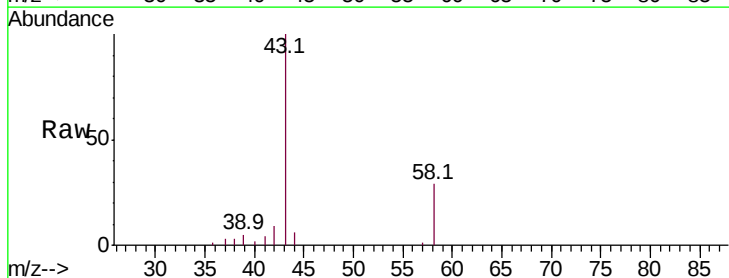
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KTS-WC-L-01

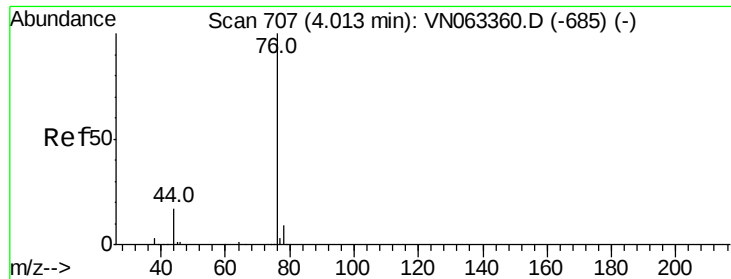
Tot Ion: 59 Resp: 767
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#16
Acetone
Concen: 32.794 ug/l
RT: 3.78 min Scan# 633
Delta R.T. -0.00 min
Lab File: VN063549.D
Acq: 22 Sep 2020 21:42

Tgt Ion: 43 Resp: 39046
Ion Ratio Lower Upper
43 100
58 28.9 22.3 33.5

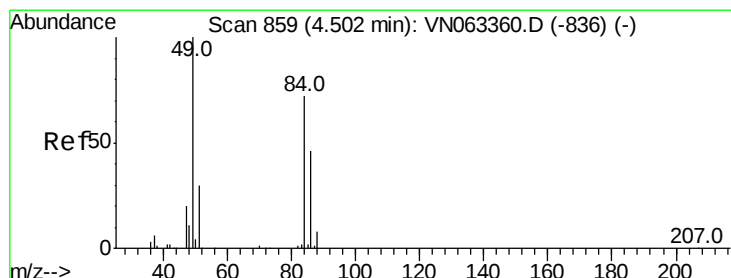
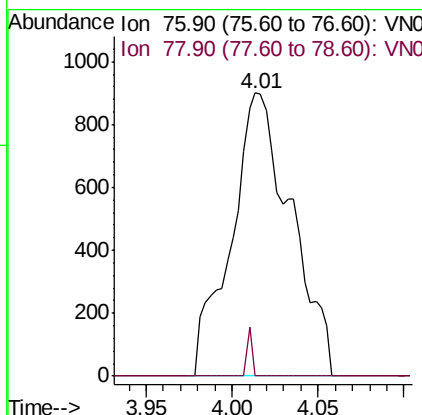
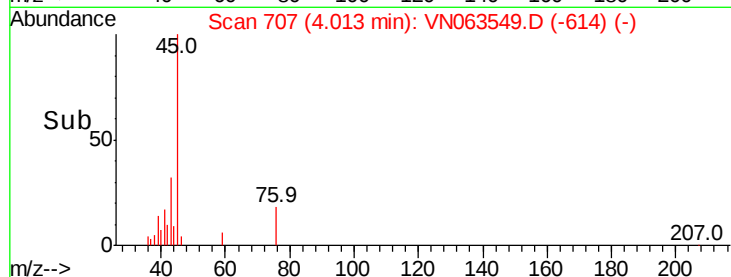
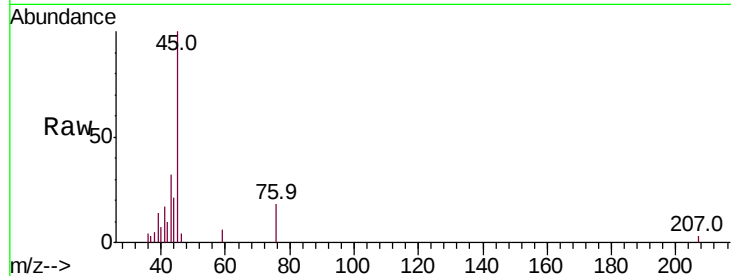




#17
Carbon Disulfide
Concen: 0.306 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063549.D
Acq: 22 Sep 2020 21:42

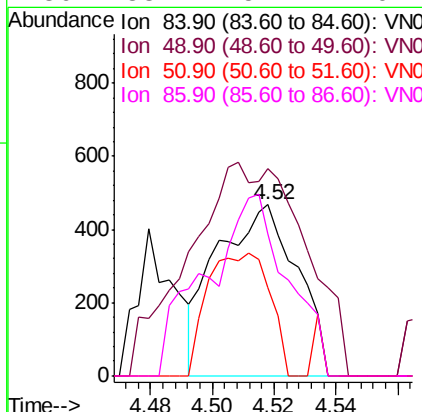
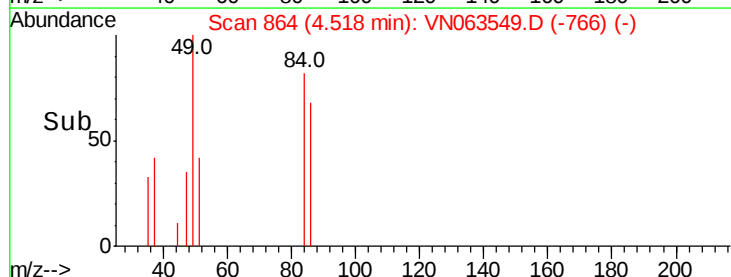
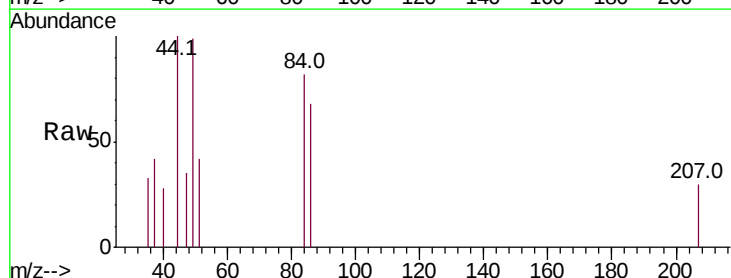
Instrument :
MSVOA_N
ClientSampleId :
KTS-WC-L-01

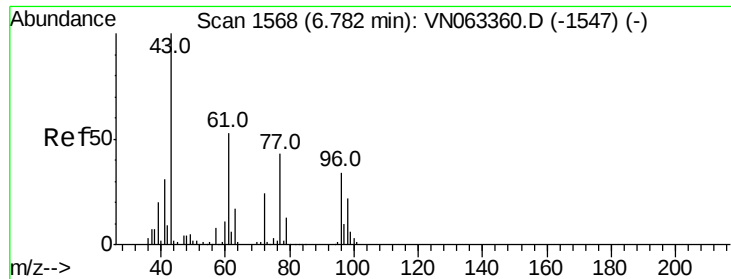
Tot Ion: 76 Resp: 2189
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.279 ug/l
RT: 4.52 min Scan# 864
Delta R.T. 0.02 min
Lab File: VN063549.D
Acq: 22 Sep 2020 21:42

Tgt Ion: 84 Resp: 843
Ion Ratio Lower Upper
84 100
49 76.2 110.7 166.1#
51 51.4 32.9 49.3#
86 83.1 51.1 76.7#

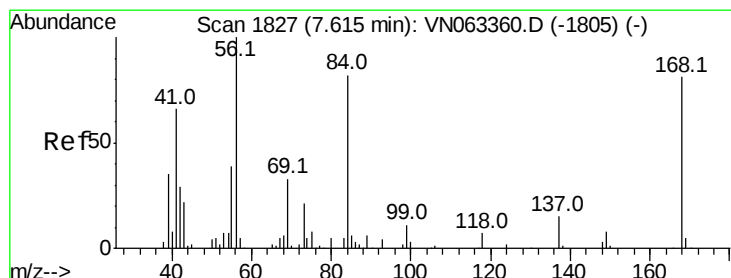
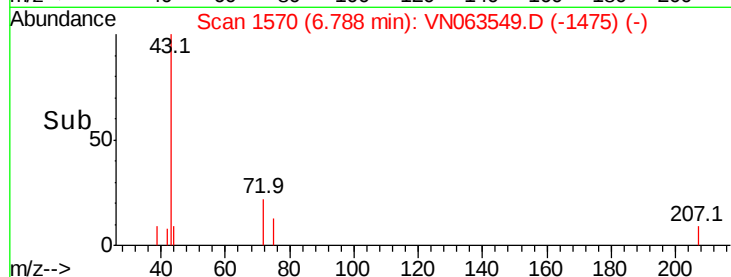
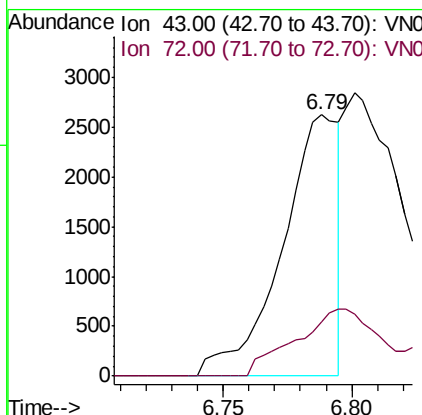
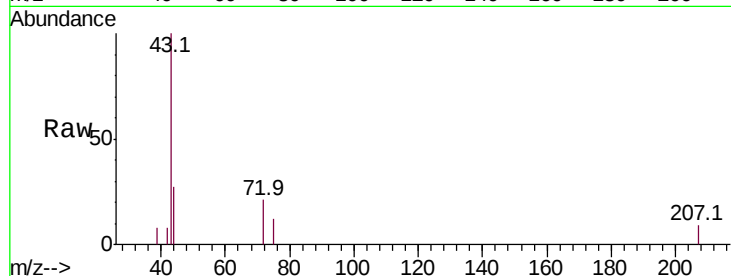




#25
2-Butanone
Concen: 2.179 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN063549.D
Acq: 22 Sep 2020 21:42

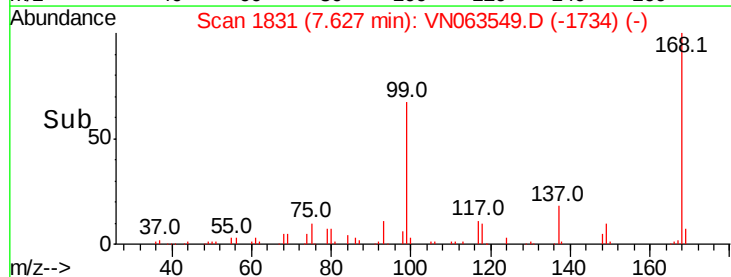
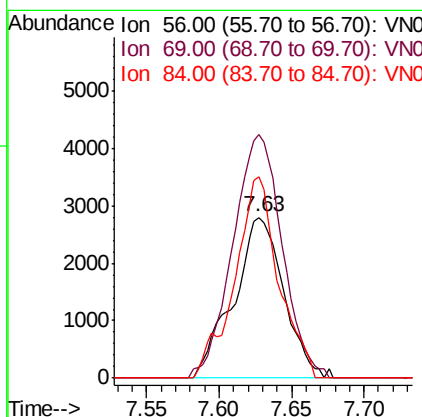
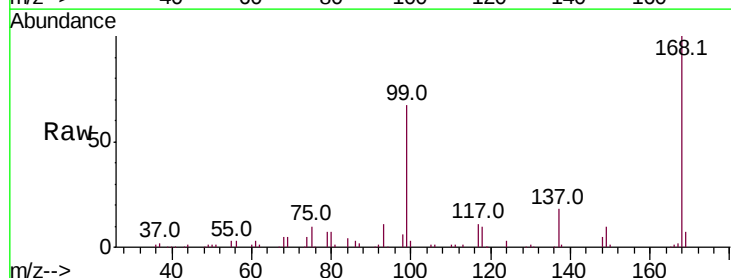
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ClientSampleId :
KTS-WC-L-01

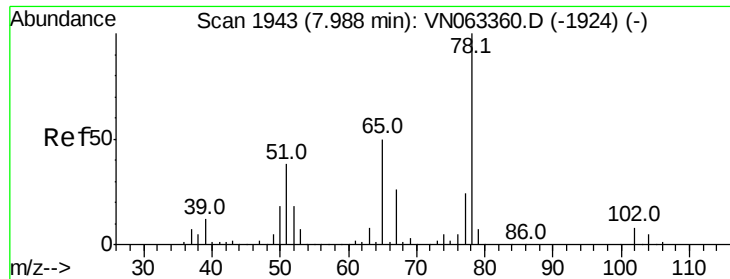
Tot Ion: 43 Resp: 3991
Ion Ratio Lower Upper
43 100
72 20.6 19.2 28.8



#31
Cyclohexane
Concen: 1.318 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN063549.D
Acq: 22 Sep 2020 21:42

Tgt Ion: 56 Resp: 6743
Ion Ratio Lower Upper
56 100
69 151.6 26.1 39.1#
84 125.6 65.4 98.2#

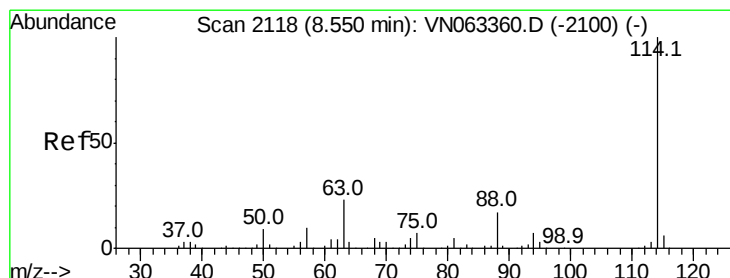
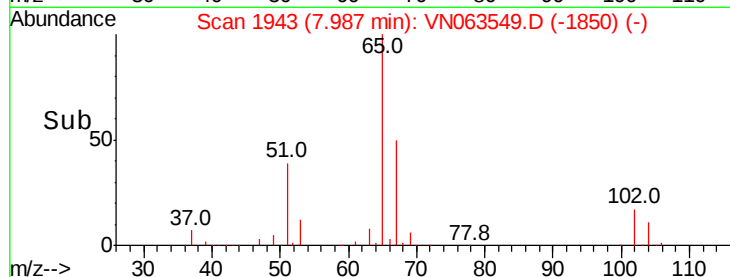
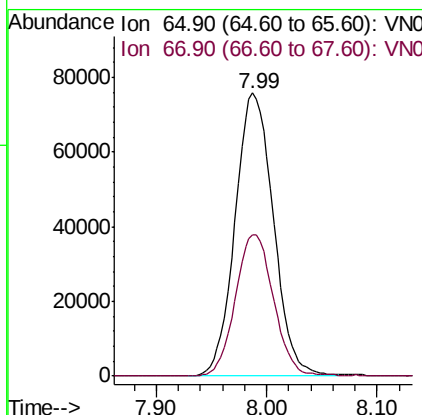
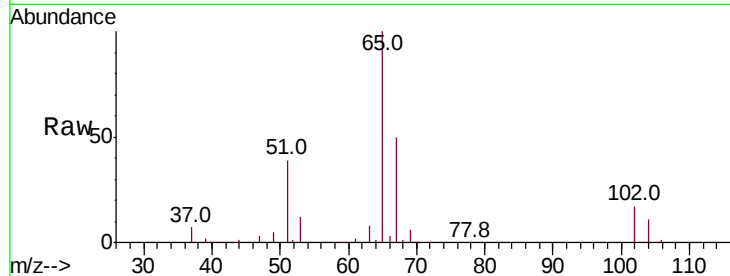




#33
 1,2-Dichloroethane-d4
 Concen: 49.295 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063549.D
 Acq: 22 Sep 2020 21:42

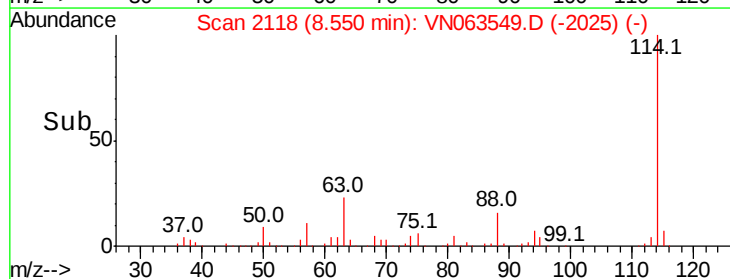
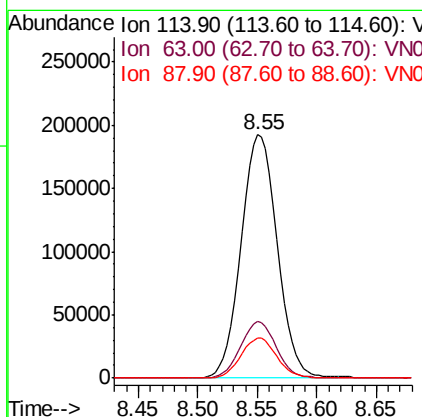
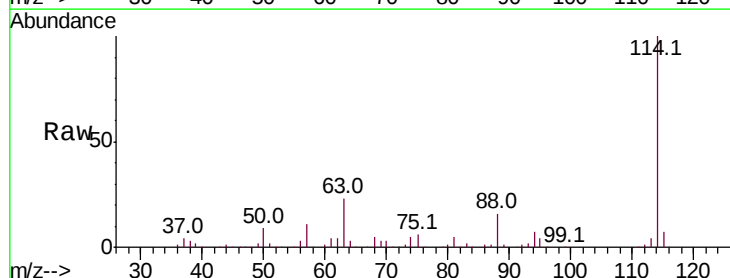
Instrument :
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 ClientSampleId :
 KTS-WC-L-01

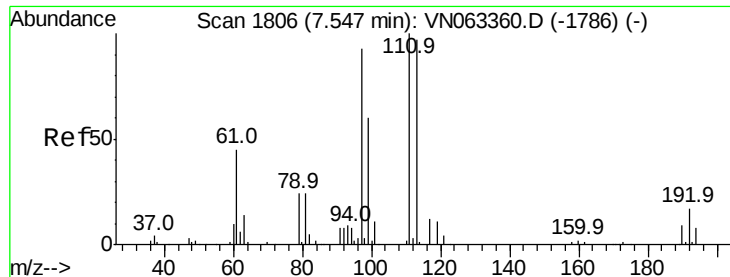
Tot Ion: 65 Resp: 182628
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063549.D
 Acq: 22 Sep 2020 21:42

Tgt Ion: 114 Resp: 406119
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 46.4
 88 16.3 0.0 33.2

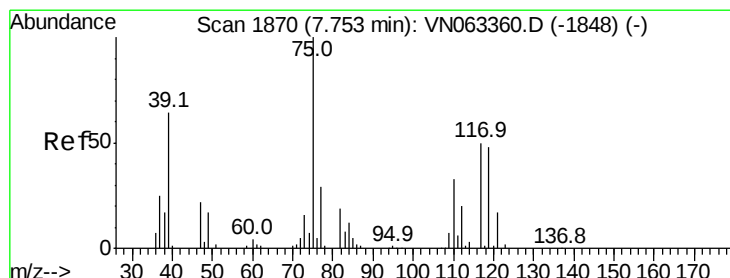
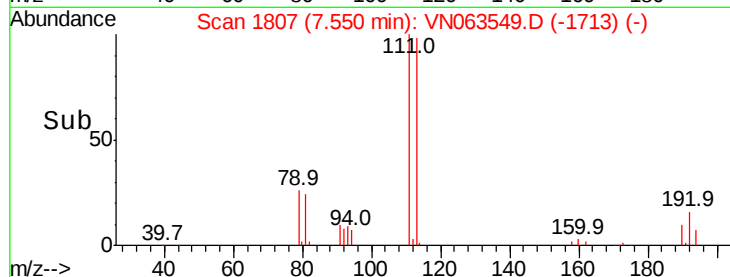
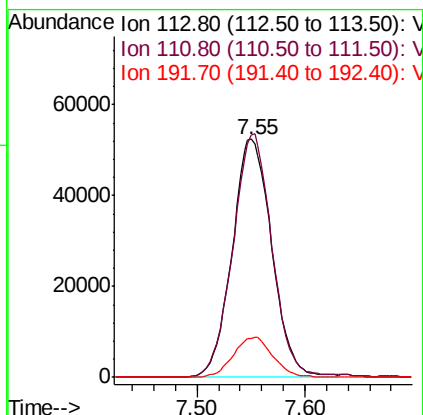
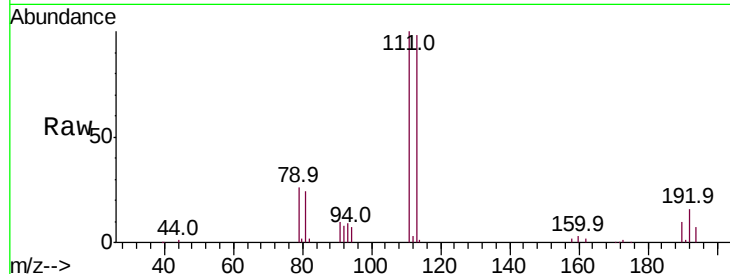




#35
 Dibromofluoromethane
 Concen: 47.795 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063549.D
 Acq: 22 Sep 2020 21:42

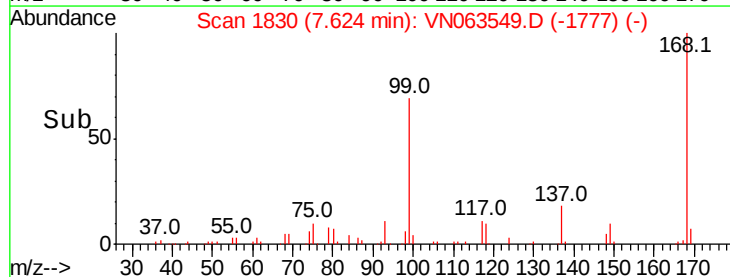
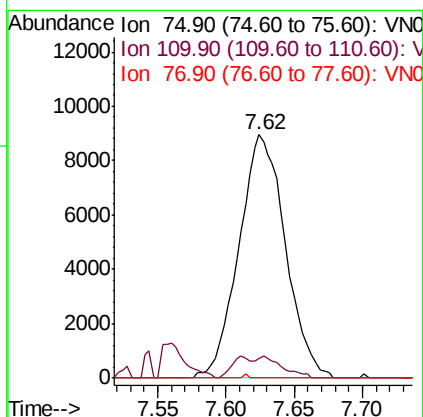
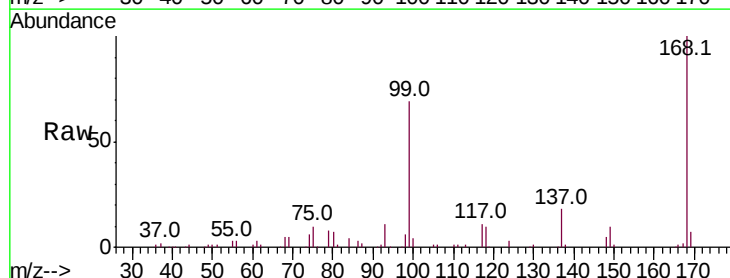
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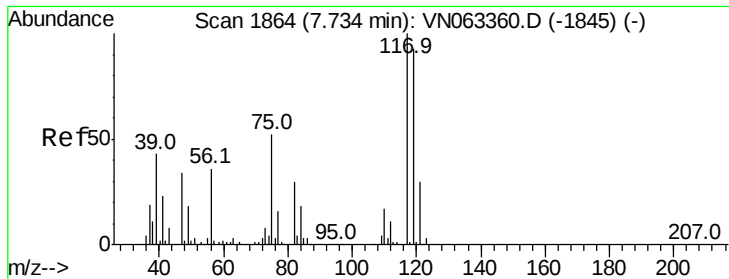
Tot Ion:113 Resp: 134376
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.9 124.3
 192 16.8 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 4.884 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN063549.D
 Acq: 22 Sep 2020 21:42

Tgt Ion: 75 Resp: 21131
 Ion Ratio Lower Upper
 75 100
 110 3.6 16.5 49.5#
 77 0.2 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.418 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN063549.D

Acq: 22 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampled :

KTS-WC-L-01

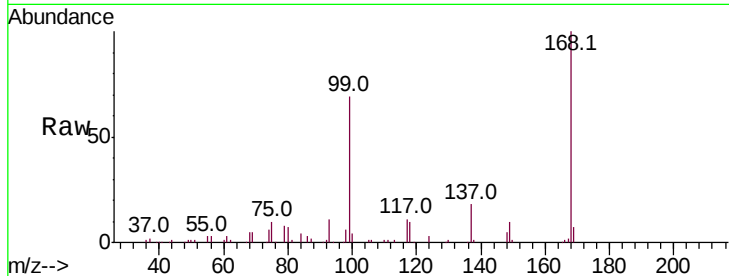
Tot Ion:117 Resp: 23931

Ion Ratio Lower Upper

117 100

119 4.1 74.5 111.7#

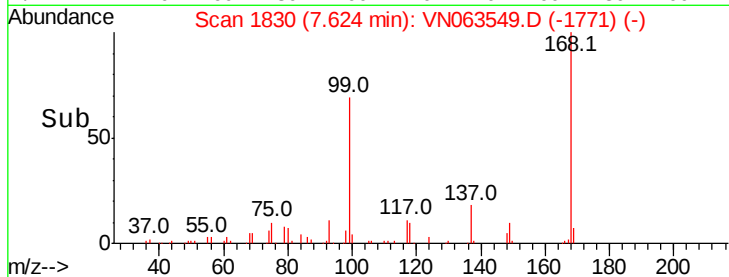
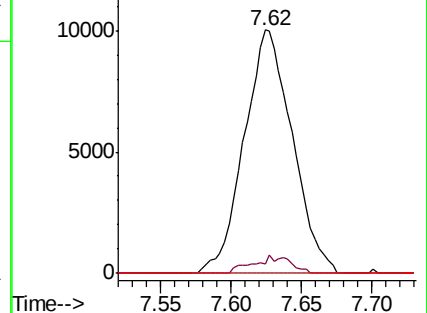
121 0.0 24.1 36.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 0.333 ug/l

RT: 8.79 min Scan# 2194

Delta R.T. -0.01 min

Lab File: VN063549.D

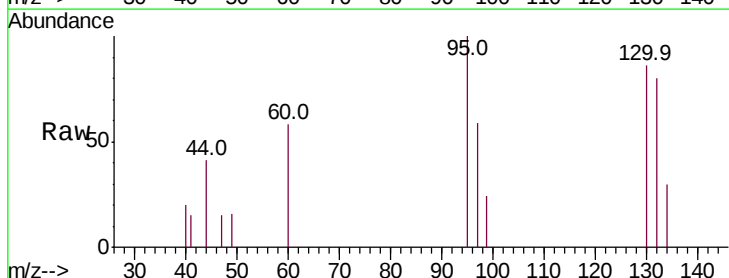
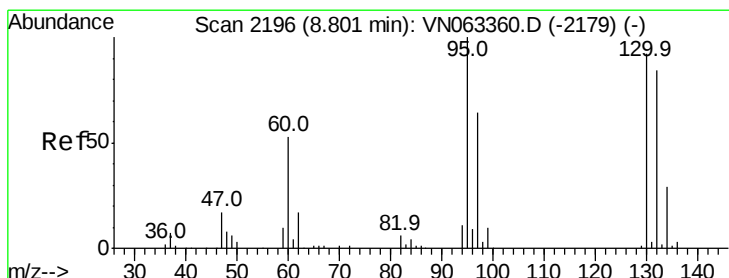
Acq: 22 Sep 2020 21:42

Tgt Ion:130 Resp: 998

Ion Ratio Lower Upper

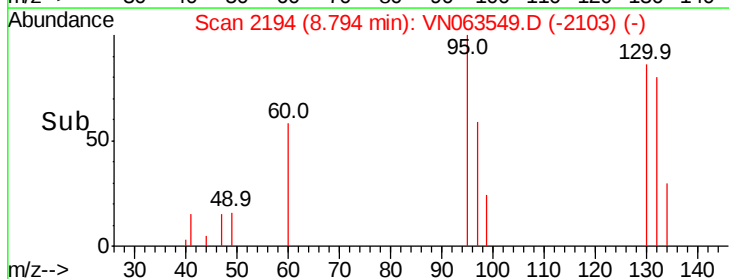
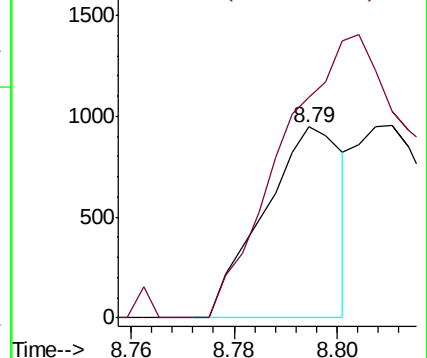
130 100

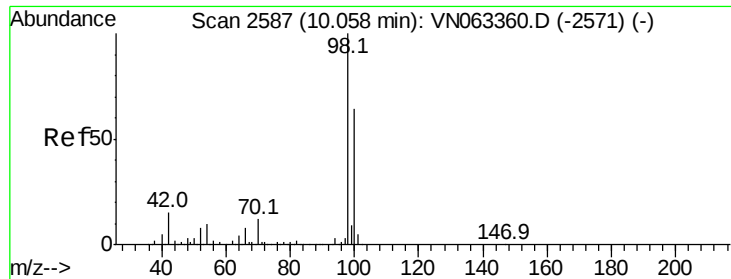
95 115.6 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 48.959 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063549.D

Acq: 22 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

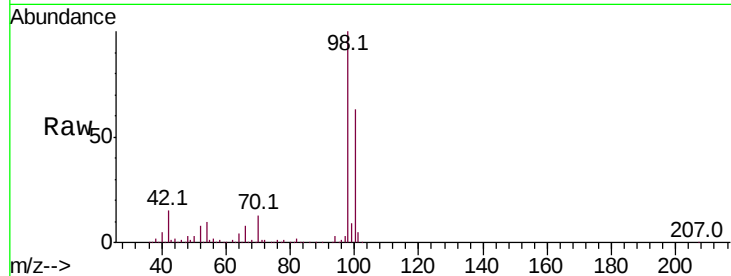
KTS-WC-L-01

Tot Ion: 98 Resp: 517577

Ion Ratio Lower Upper

98 100

100 63.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)

10.06

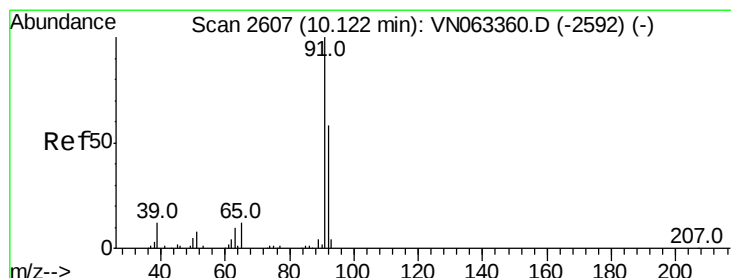
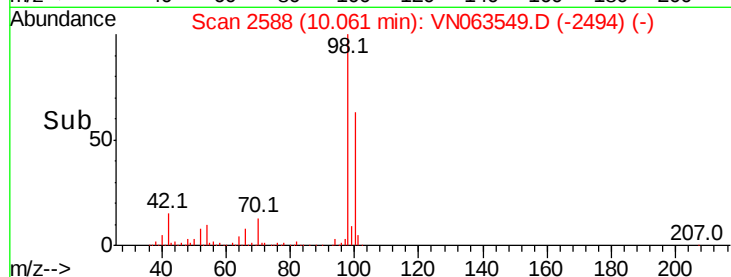
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 0.349 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063549.D

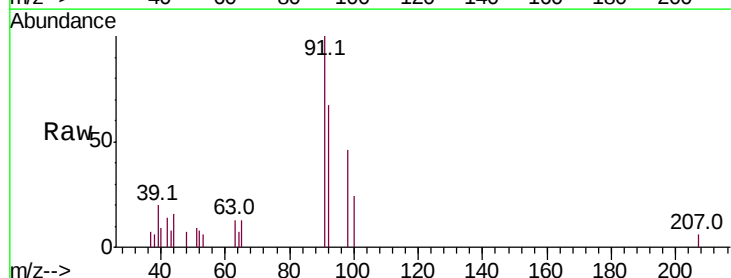
Acq: 22 Sep 2020 21:42

Tgt Ion: 92 Resp: 2591

Ion Ratio Lower Upper

92 100

91 169.7 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN063360.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063360.D (-2592) (-)

10.13

3000

2500

2000

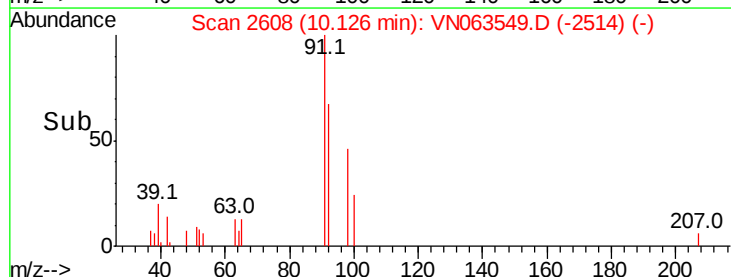
1500

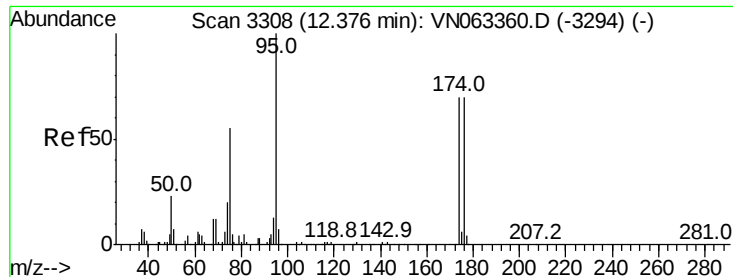
1000

500

0

Time-->





#62

4-Bromofluorobenzene

Concen: 52.428 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063549.D

Acq: 22 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

KTS-WC-L-01

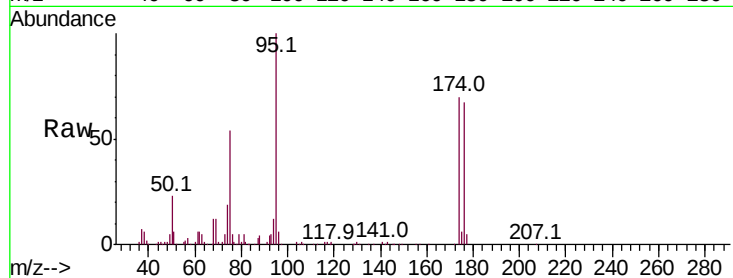
Tot Ion: 95 Resp: 203177

Ion Ratio Lower Upper

95 100

174 71.1 0.0 140.8

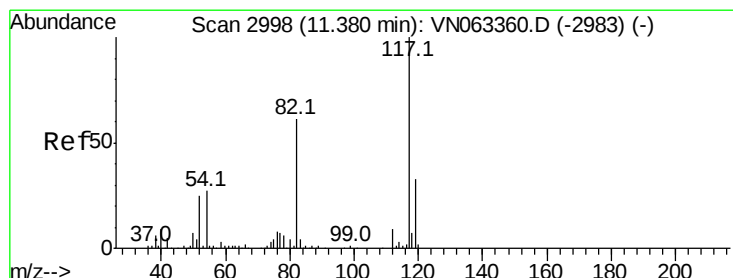
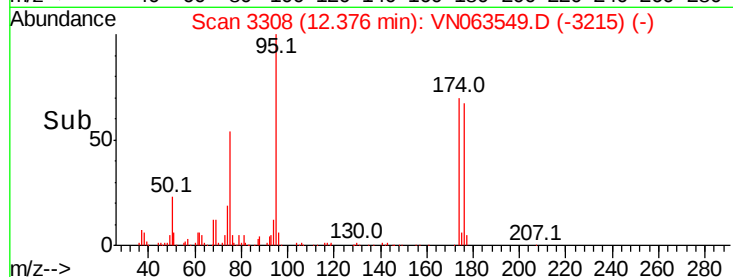
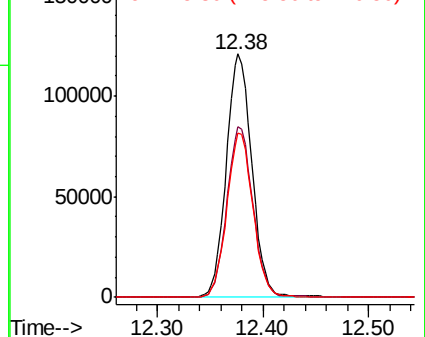
176 68.5 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063549.D

Acq: 22 Sep 2020 21:42

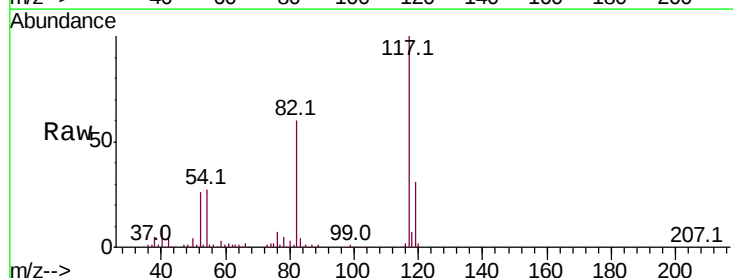
Tgt Ion: 117 Resp: 407220

Ion Ratio Lower Upper

117 100

82 60.2 49.2 73.8

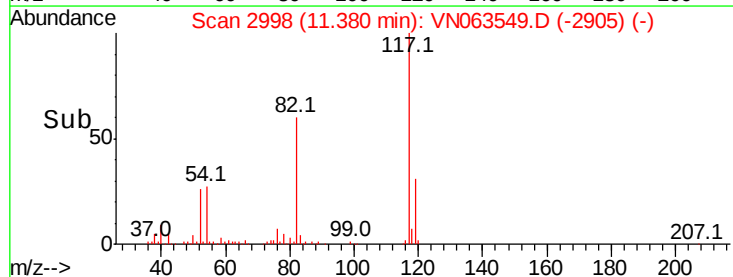
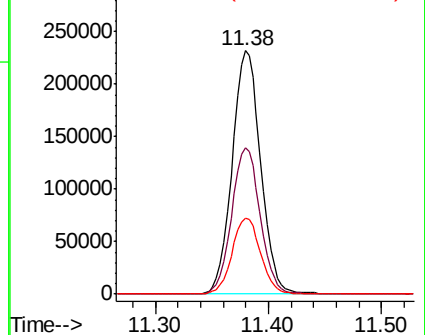
119 31.2 26.2 39.4

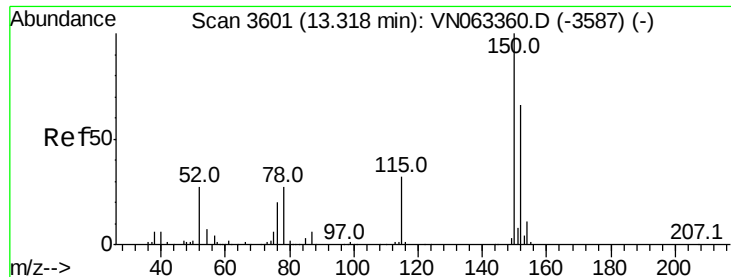


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063549.D

Acq: 22 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

KTS-WC-L-01

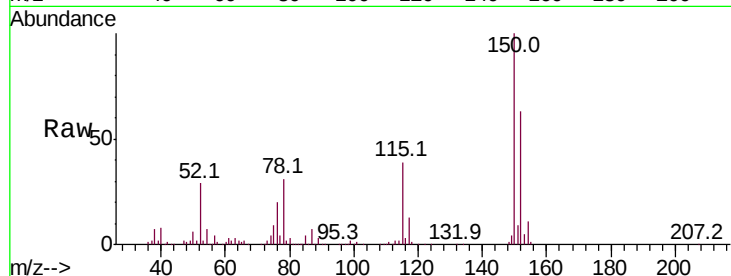
Tot Ion:152 Resp: 171117

Ion Ratio Lower Upper

152 100

115 63.0 32.2 96.6

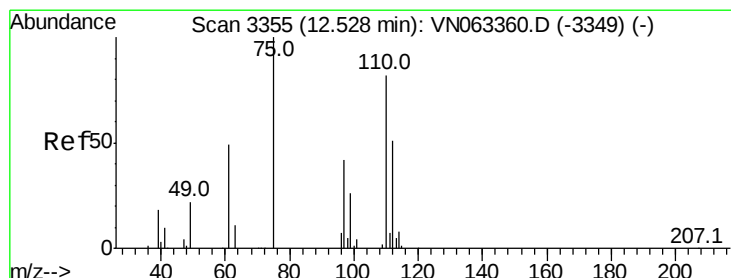
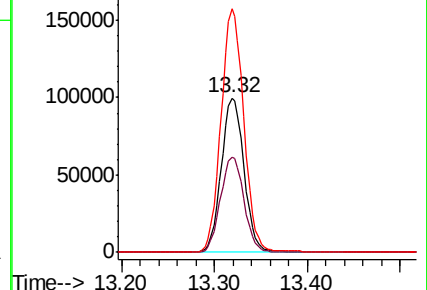
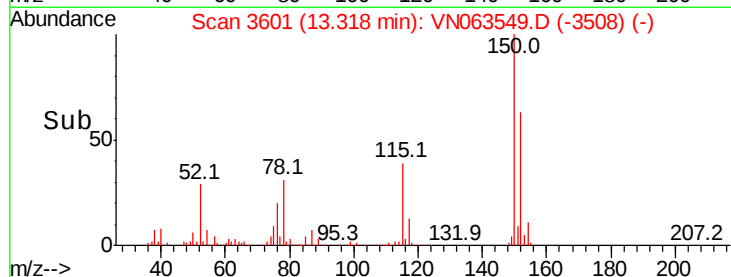
150 155.8 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 26.844 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063549.D

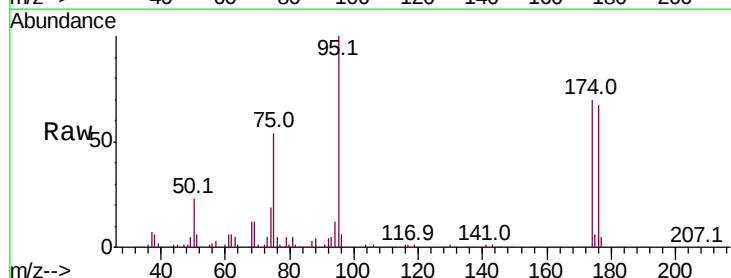
Acq: 22 Sep 2020 21:42

Tgt Ion: 75 Resp: 113695

Ion Ratio Lower Upper

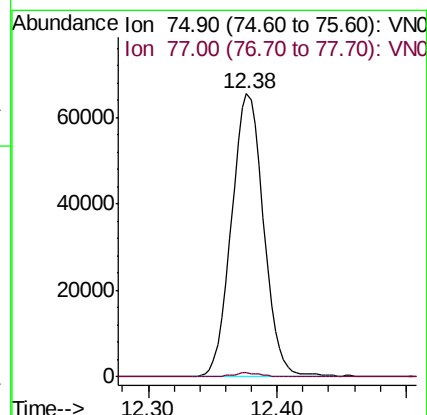
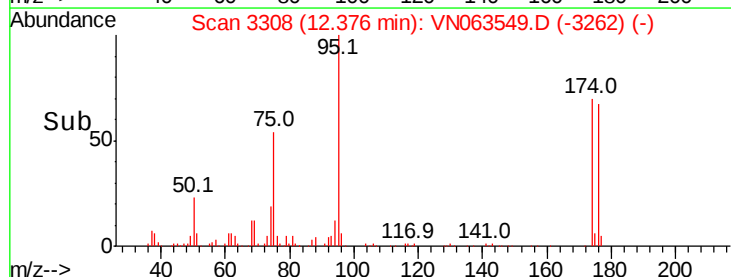
75 100

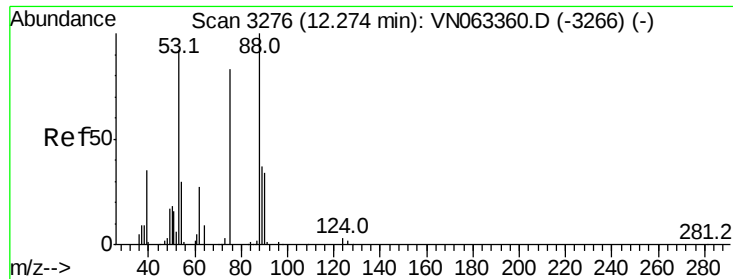
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 73.596 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063549.D

Acq: 22 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

KTS-WC-L-01

Tot Ion: 75 Resp: 113695

Ion Ratio Lower Upper

75 100

53 0.1 85.7 128.5#

89 0.0 38.0 57.0#

