

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063062.D
 Acq On : 21 Aug 2020 2:53
 Operator : JC/MD
 Sample : L3698-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0216

Quant Time: Aug 21 06:41:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	140164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	236010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	245739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	89104	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	95720	57.62	ug/l	0.00
Spiked Amount			Recovery	=	115.24%	
35) Dibromofluoromethane	7.55	113	83791	54.49	ug/l	0.00
Spiked Amount			Recovery	=	108.98%	
50) Toluene-d8	10.06	98	307154	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.38	95	100026	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	

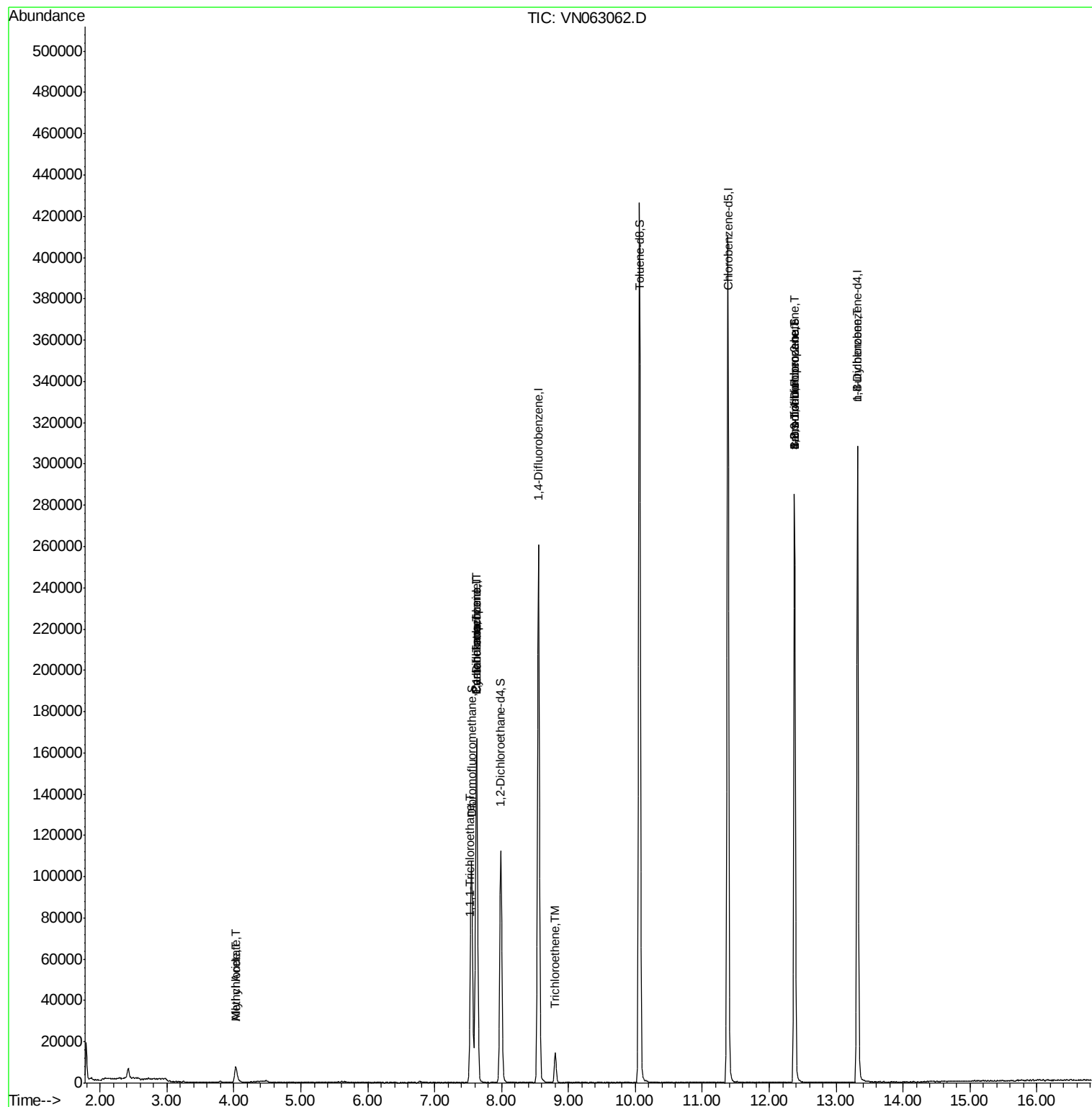
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.02	41	1377	0.656	ug/l #	69
16) Acetone	3.79	43	790	Below Cal	#	40
18) Methyl Acetate	4.03	43	3771	2.284	ug/l #	52
31) Cyclohexane	7.62	56	2683	1.096	ug/l #	1
32) 1,1,1-Trichloroethane	7.52	97	884	0.404	ug/l #	40
36) 1,1-Dichloropropene	7.63	75	10443	5.021	ug/l #	49
38) Carbon Tetrachloride	7.63	117	12843	6.116	ug/l #	17
44) Trichloroethene	8.80	130	6100	3.718	ug/l	90
71) Bromoform	12.38	173	1042	0.682	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	48571	28.044	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	48571	77.020	ug/l #	15
89) n-Butylbenzene	13.32	91	62	2.783	ug/l #	34

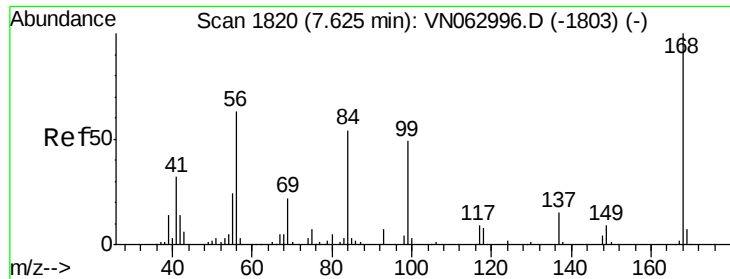
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082020\
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Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN063062.D

Acq: 21 Aug 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

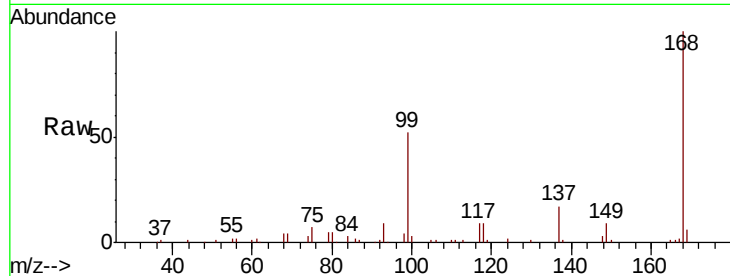
S39-0216

Tot Ion:168 Resp: 140164

Ion Ratio Lower Upper

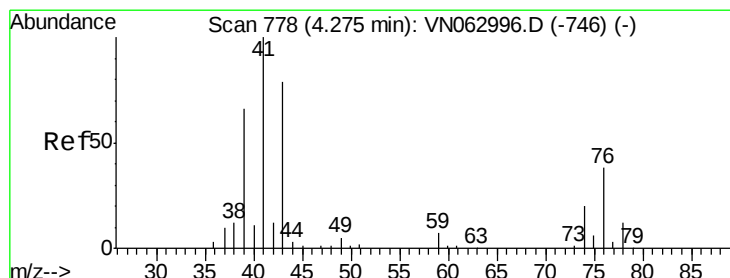
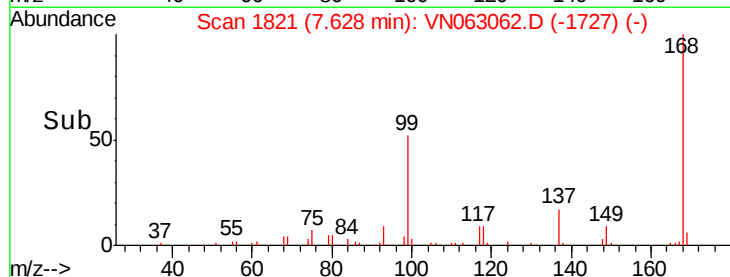
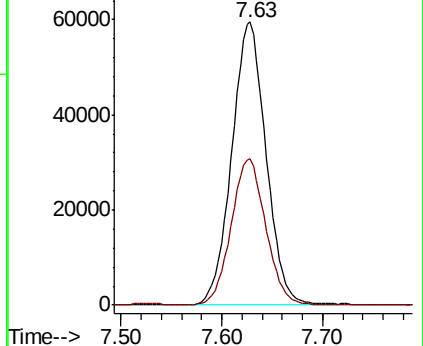
168 100

99 51.6 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#14

Allyl chloride

Concen: 0.656 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.25 min

Lab File: VN063062.D

Acq: 21 Aug 2020 2:53

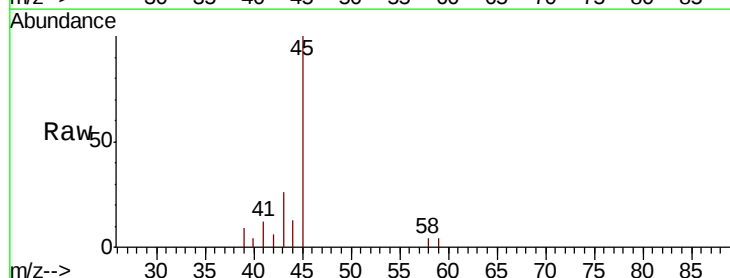
Tgt Ion: 41 Resp: 1377

Ion Ratio Lower Upper

41 100

39 71.8 47.9 71.9

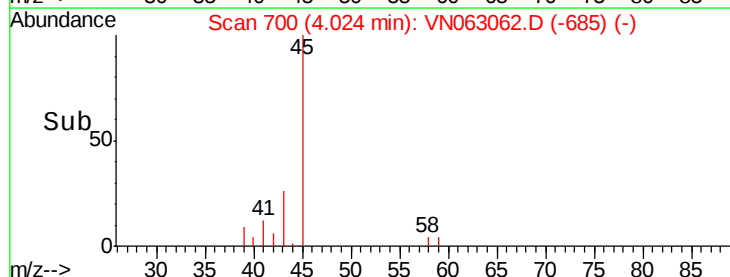
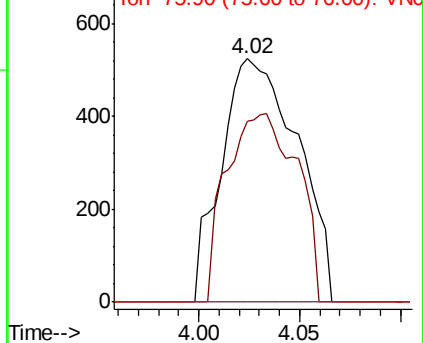
76 0.0 27.0 40.6#

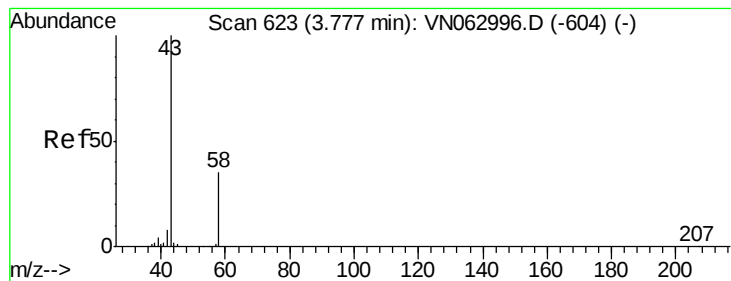


Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN





#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN063062.D

Acq: 21 Aug 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

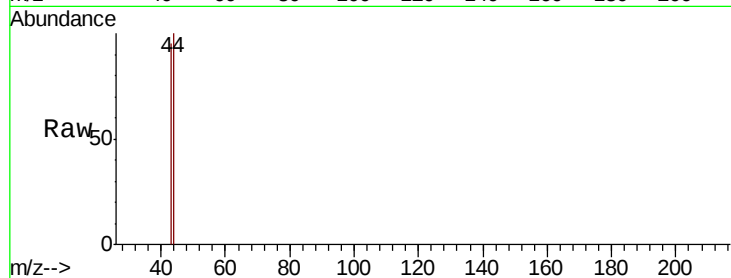
S39-0216

Tot Ion: 43 Resp: 790

Ion Ratio Lower Upper

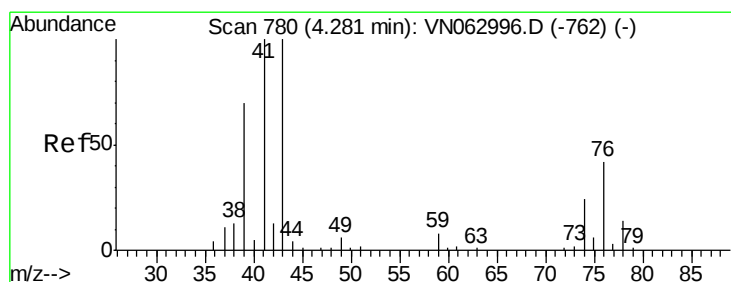
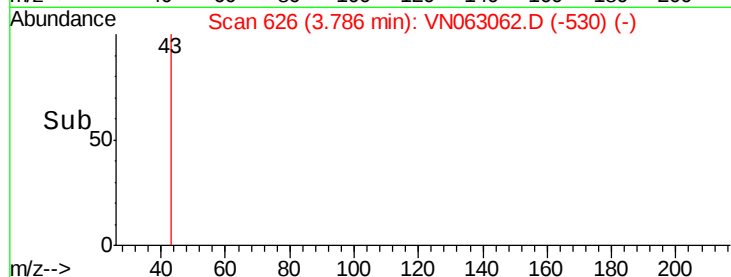
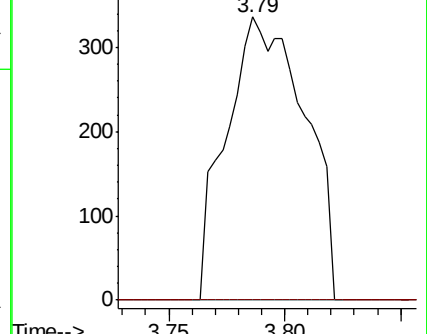
43 100

58 0.0 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 2.284 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.25 min

Lab File: VN063062.D

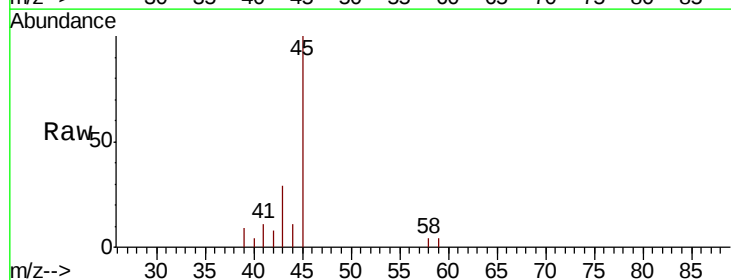
Acq: 21 Aug 2020 2:53

Tgt Ion: 43 Resp: 3771

Ion Ratio Lower Upper

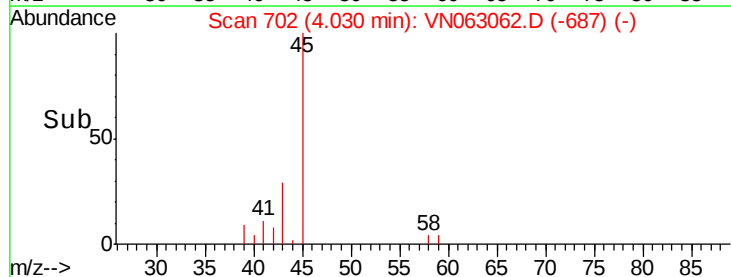
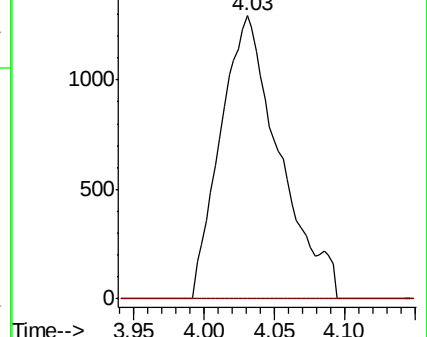
43 100

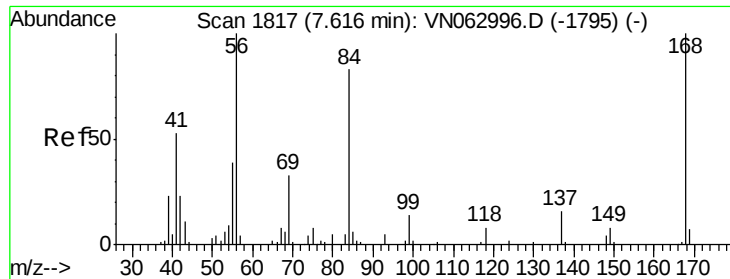
74 0.0 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

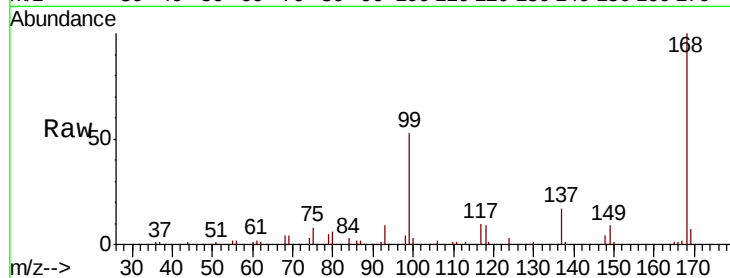




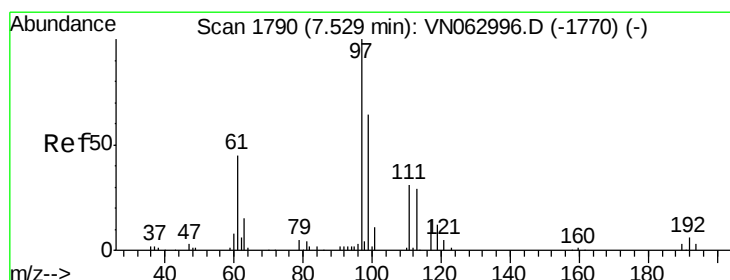
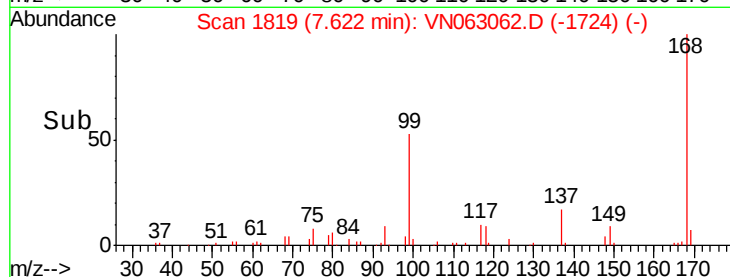
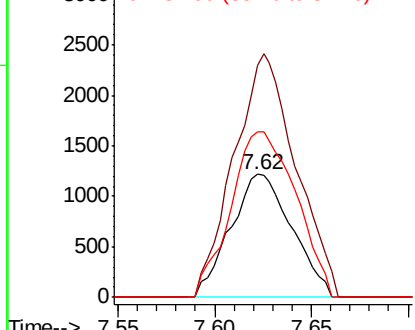
#31
Cyclohexane
Concen: 1.096 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN063062.D
Acq: 21 Aug 2020 2:53

Instrument :
MSVOA_N
ClientSampled :
S39-0216

Tot Ion: 56 Resp: 2683
Ion Ratio Lower Upper
56 100
69 188.2 26.6 40.0#
84 134.9 66.4 99.6#

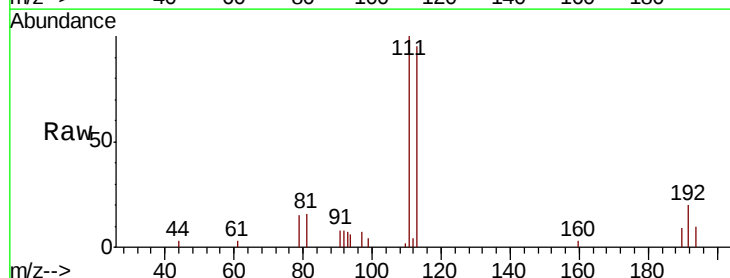


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

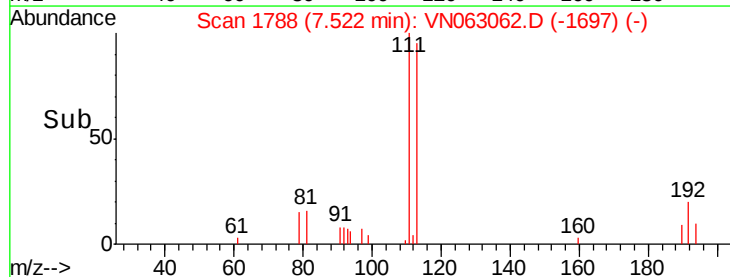
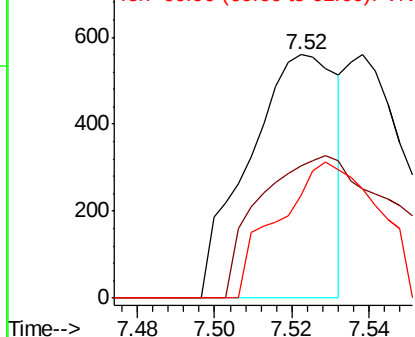


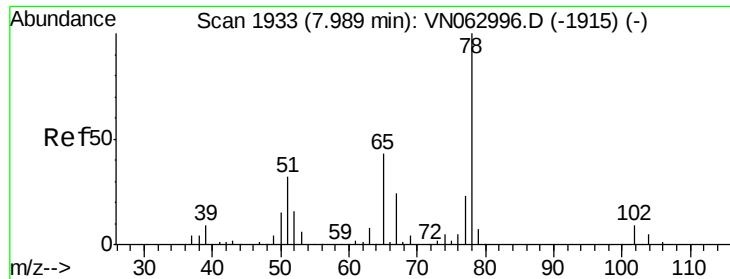
#32
1,1,1-Trichloroethane
Concen: 0.404 ug/l
RT: 7.52 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VN063062.D
Acq: 21 Aug 2020 2:53

Tgt Ion: 97 Resp: 884
Ion Ratio Lower Upper
97 100
99 0.0 52.0 78.0#
61 63.1 36.2 54.4#



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

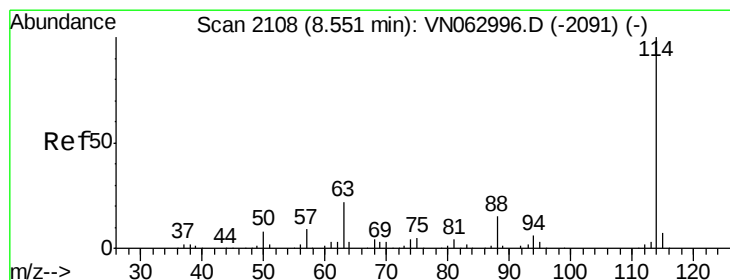
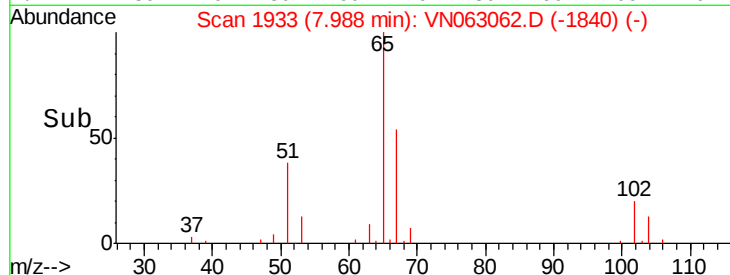
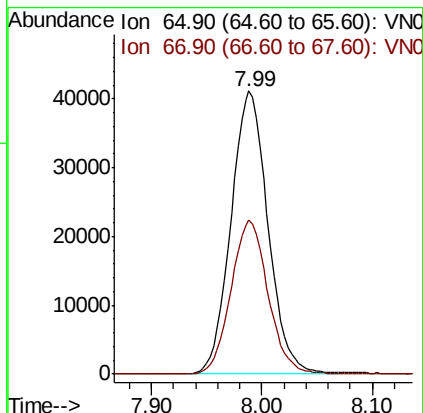
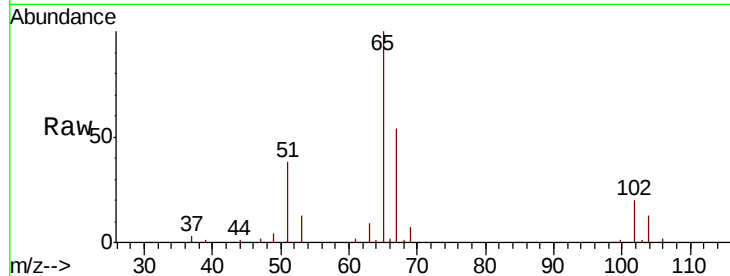




#33
 1,2-Dichloroethane-d4
 Concen: 57.621 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN063062.D
 Acq: 21 Aug 2020 2:53

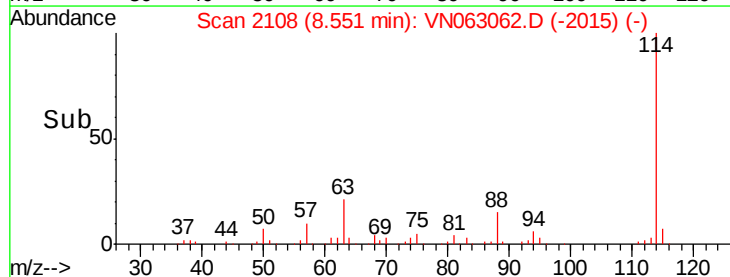
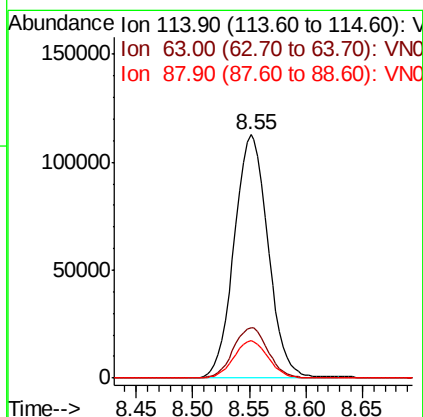
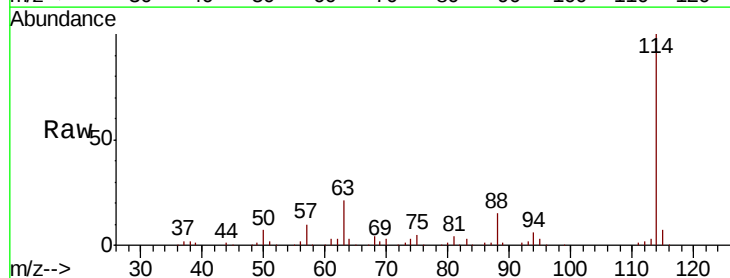
Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0216

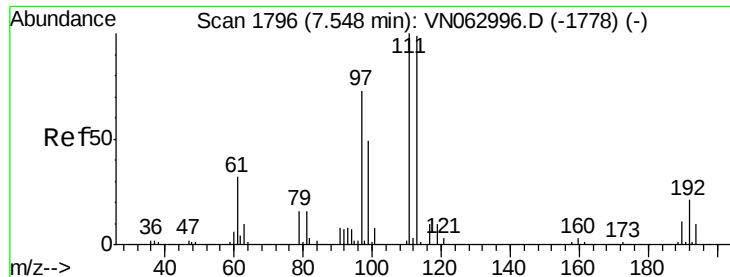
Tot Ion: 65 Resp: 95720
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN063062.D
 Acq: 21 Aug 2020 2:53

Tgt Ion: 114 Resp: 236010
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 43.2
 88 15.4 0.0 30.6

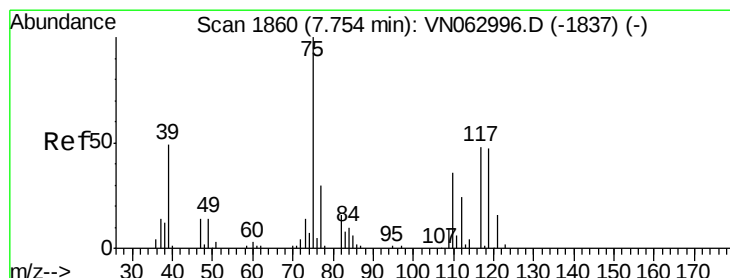
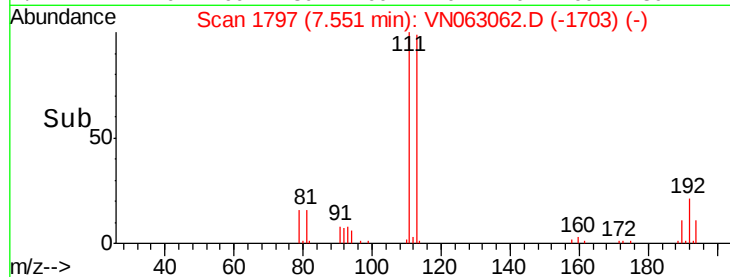
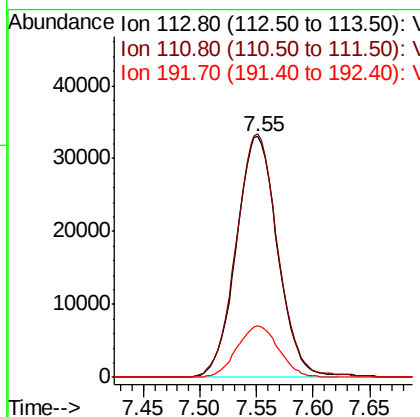
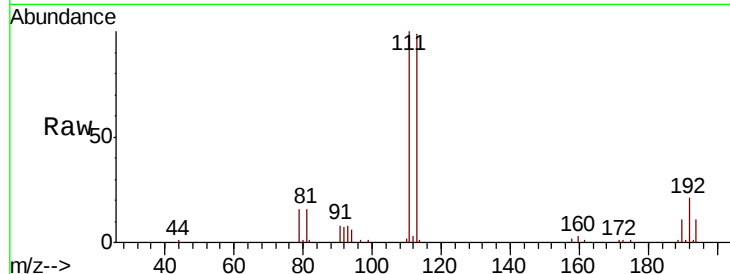




#35
 Dibromofluoromethane
 Concen: 54.486 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063062.D
 Acq: 21 Aug 2020 2:53

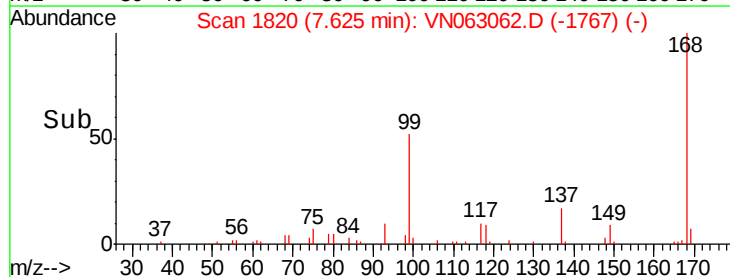
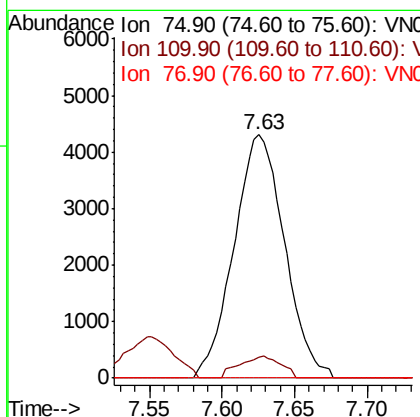
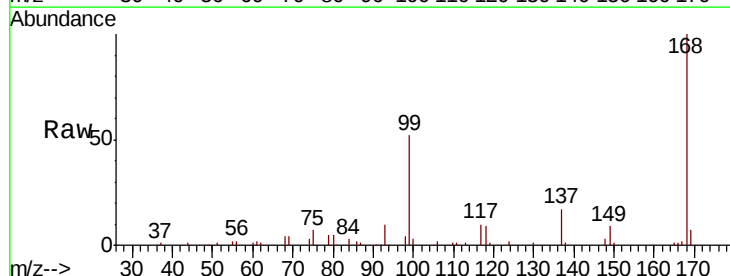
Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0216

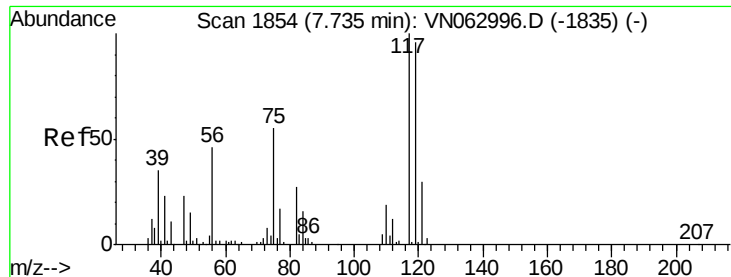
Tot Ion:113 Resp: 83791
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.7 122.5
 192 21.5 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 5.021 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN063062.D
 Acq: 21 Aug 2020 2:53

Tgt Ion: 75 Resp: 10443
 Ion Ratio Lower Upper
 75 100
 110 7.4 17.5 52.6#
 77 0.0 24.2 36.4#





#38

Carbon Tetrachloride

Concen: 6.116 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN063062.D

Acq: 21 Aug 2020 2:53

Instrument :

MSVOA_N

ClientSampled :

S39-0216

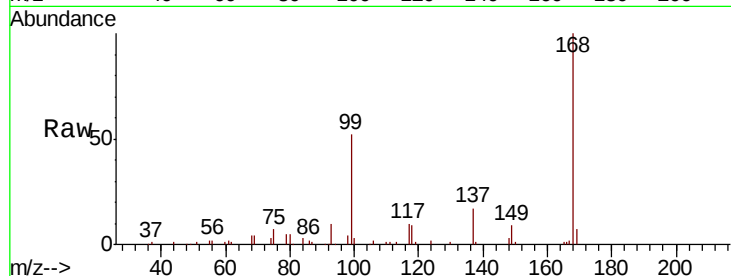
Tot Ion:117 Resp: 12843

Ion Ratio Lower Upper

117 100

119 5.9 76.2 114.4#

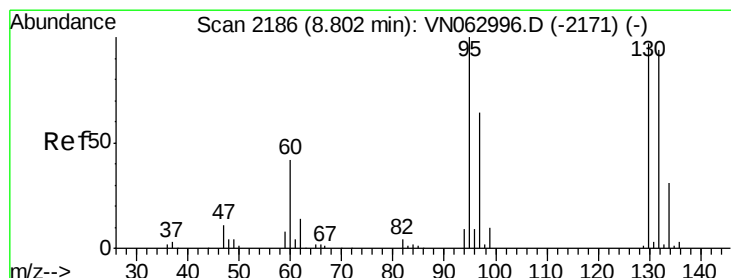
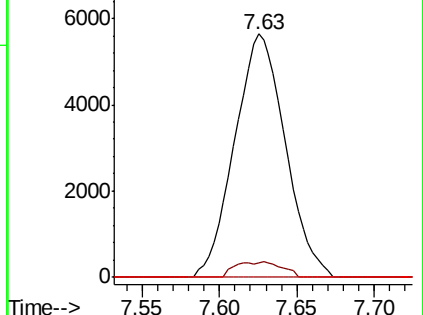
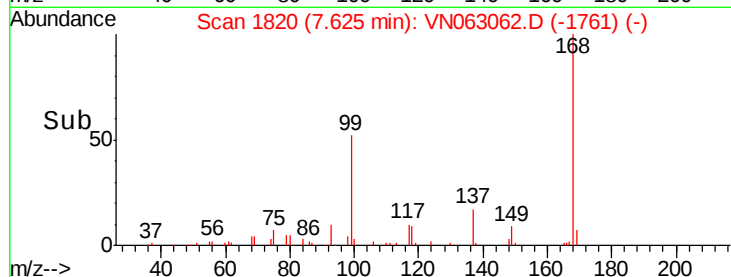
121 0.0 24.2 36.2#



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: 3.718 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN063062.D

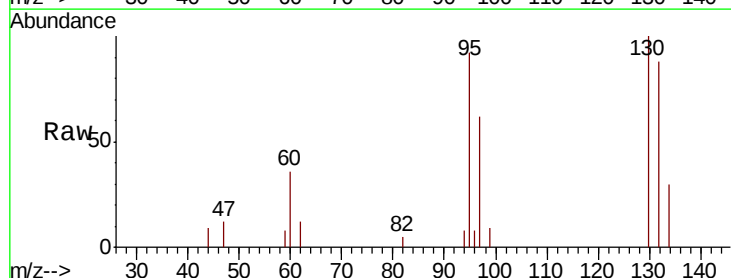
Acq: 21 Aug 2020 2:53

Tgt Ion:130 Resp: 6100

Ion Ratio Lower Upper

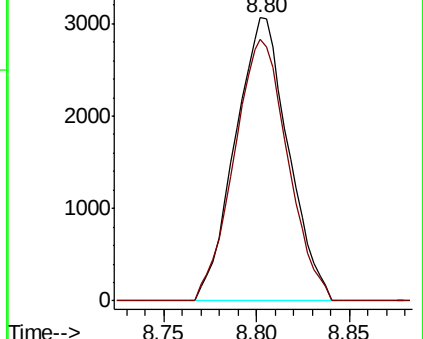
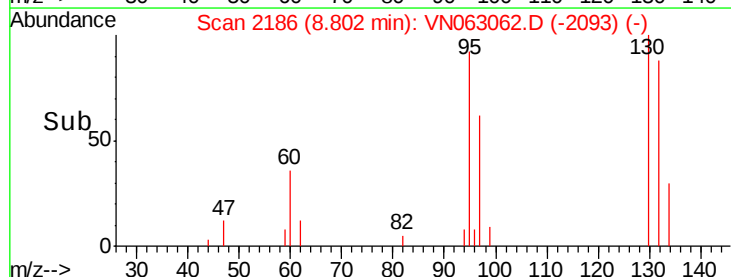
130 100

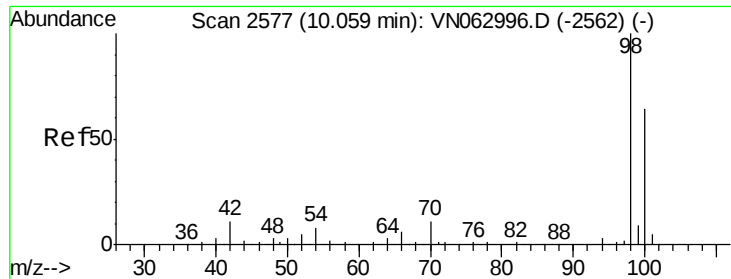
95 92.3 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#50

Toluene-d8

Concen: 51.999 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN063062.D

Acq: 21 Aug 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

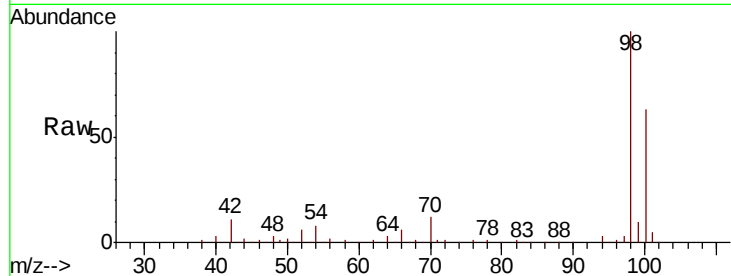
S39-0216

Tot Ion: 98 Resp: 307154

Ion Ratio Lower Upper

98 100

100 62.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062996.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062996.D (-2562) (-)

10.06

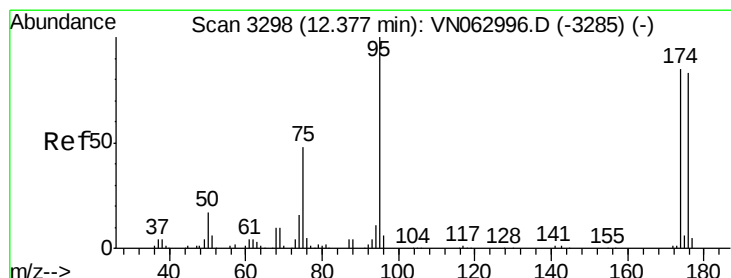
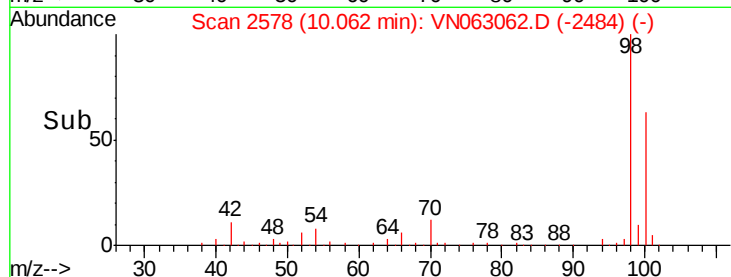
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.987 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN063062.D

Acq: 21 Aug 2020 2:53

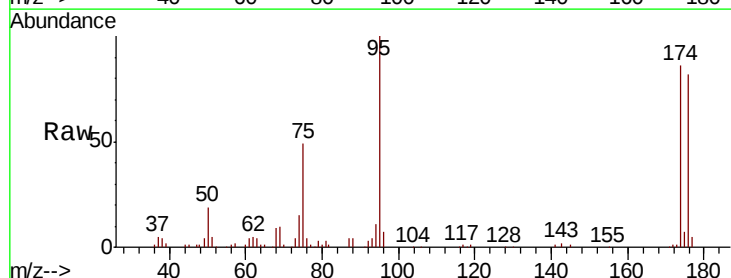
Tgt Ion: 95 Resp: 100026

Ion Ratio Lower Upper

95 100

174 88.6 0.0 170.8

176 84.1 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN062996.D (-3285) (-)

Ion 173.80 (173.50 to 174.50): VN062996.D (-3285) (-)

Ion 175.80 (175.50 to 176.50): VN062996.D (-3285) (-)

12.38

80000

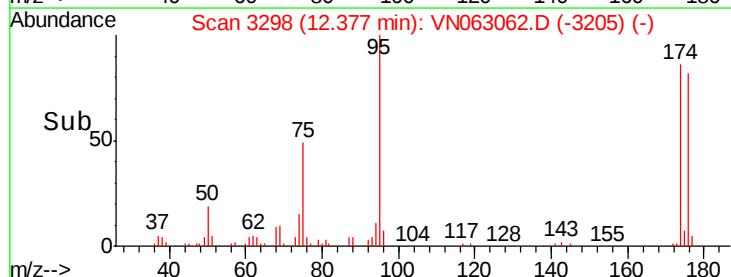
60000

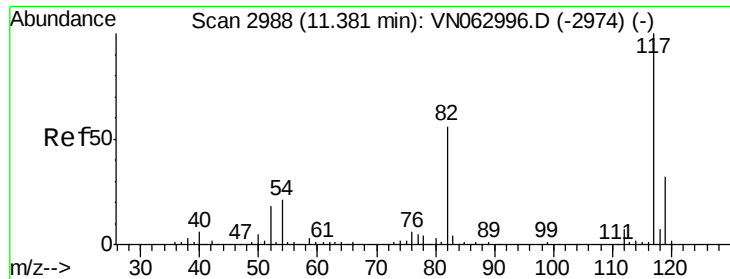
40000

20000

0

Time-->

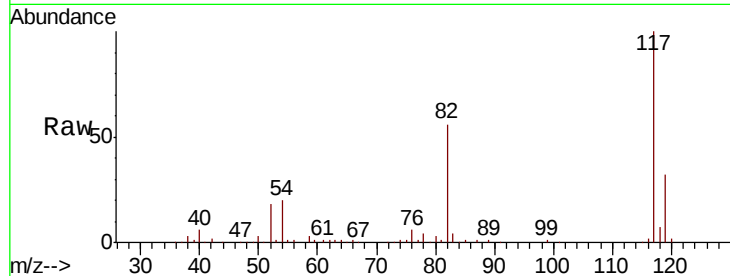




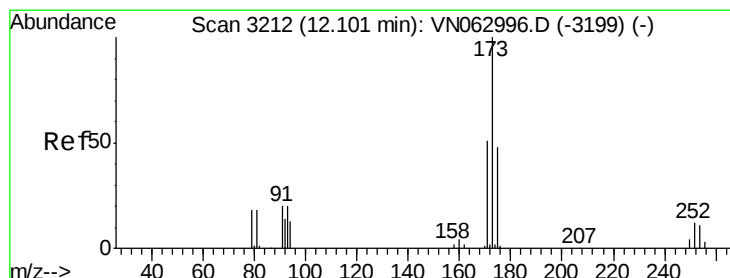
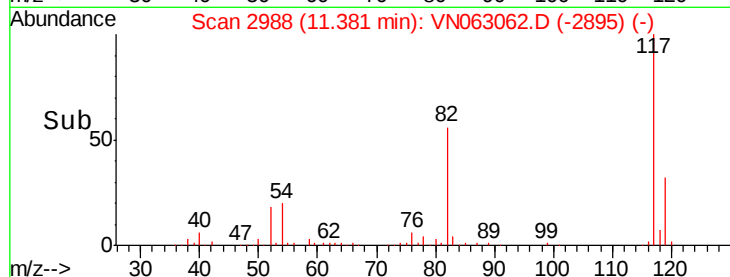
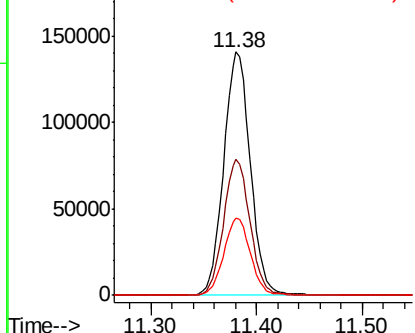
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063062.D
Acq: 21 Aug 2020 2:53

Instrument :
MSVOA_N
ClientSampleId :
S39-0216

Tot Ion:117 Resp: 245739
Ion Ratio Lower Upper
117 100
82 55.8 44.5 66.7
119 31.8 25.5 38.3

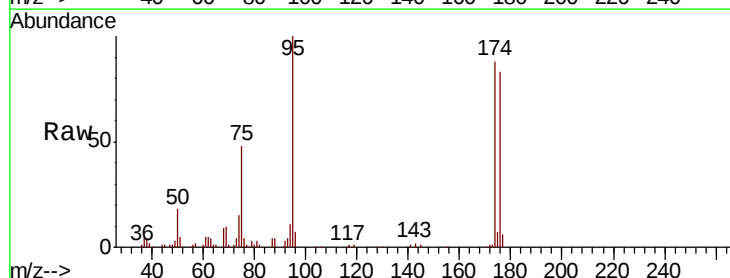


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

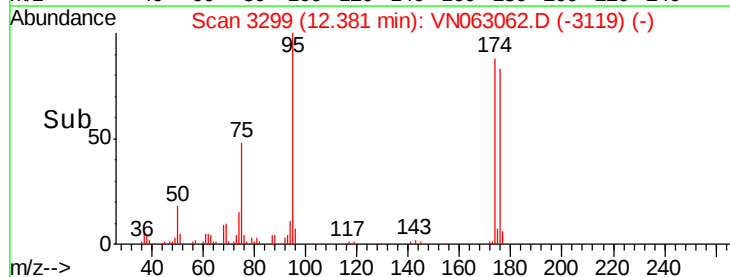
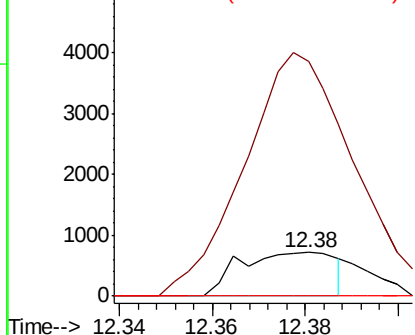


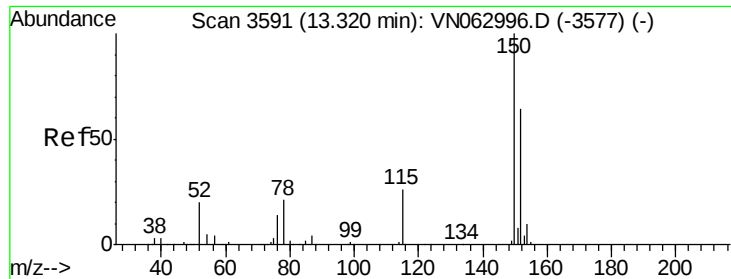
#71
Bromoform
Concen: 0.682 ug/l
RT: 12.38 min Scan# 3299
Delta R.T. 0.28 min
Lab File: VN063062.D
Acq: 21 Aug 2020 2:53

Tgt Ion:173 Resp: 1042
Ion Ratio Lower Upper
173 100
175 505.1 24.3 72.8#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN063062.D

Acq: 21 Aug 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

S39-0216

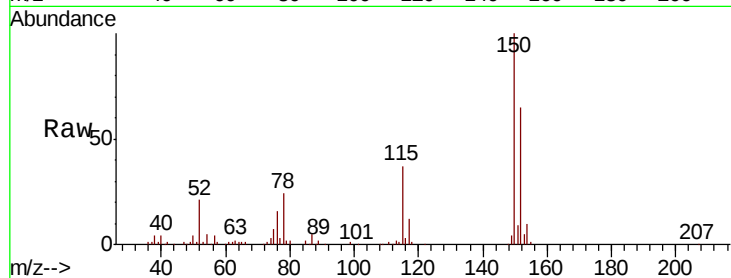
Tot Ion:152 Resp: 89104

Ion Ratio Lower Upper

152 100

115 56.3 28.7 86.3

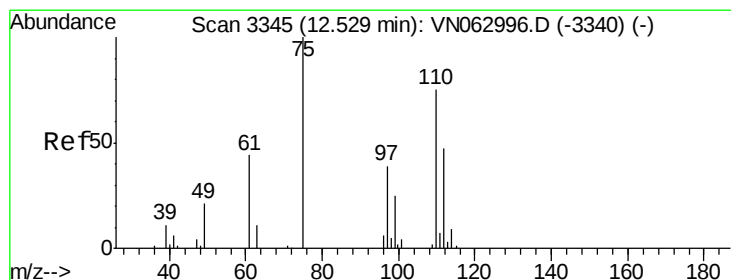
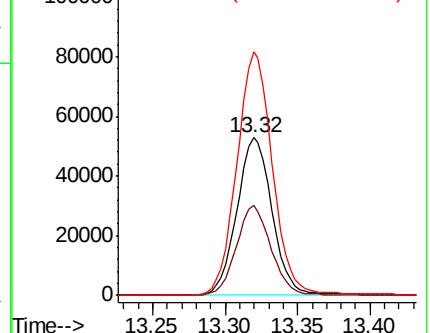
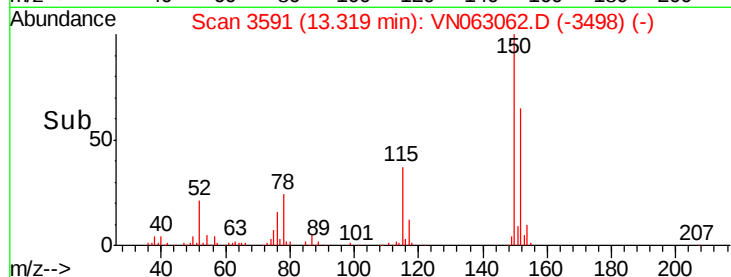
150 156.6 0.0 348.8



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: 28.044 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN063062.D

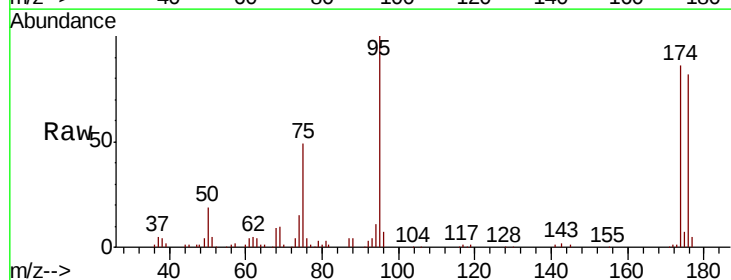
Acq: 21 Aug 2020 2:53

Tgt Ion: 75 Resp: 48571

Ion Ratio Lower Upper

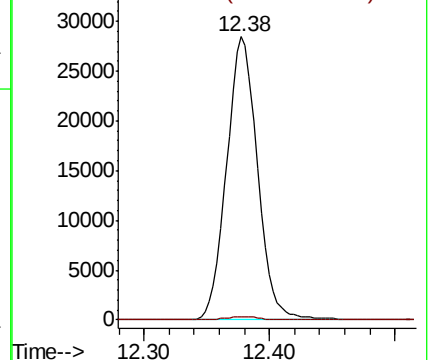
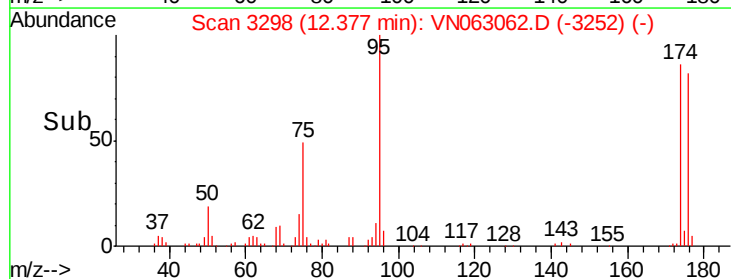
75 100

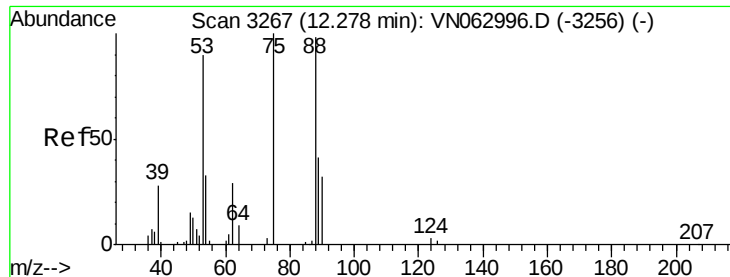
77 1.1 0.0 0.0#



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: 77.020 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN063062.D

Acq: 21 Aug 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

S39-0216

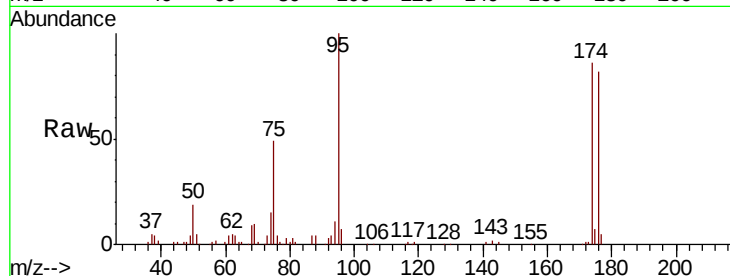
Tot Ion: 75 Resp: 48571

Ion Ratio Lower Upper

75 100

53 0.0 69.2 103.8#

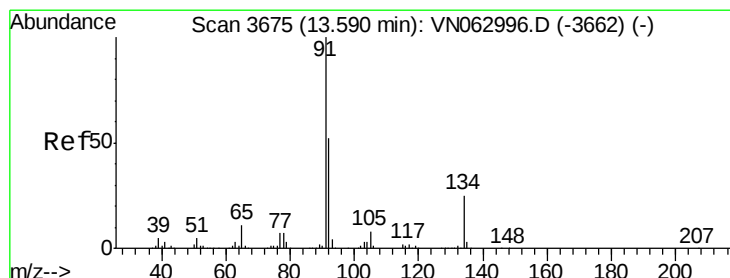
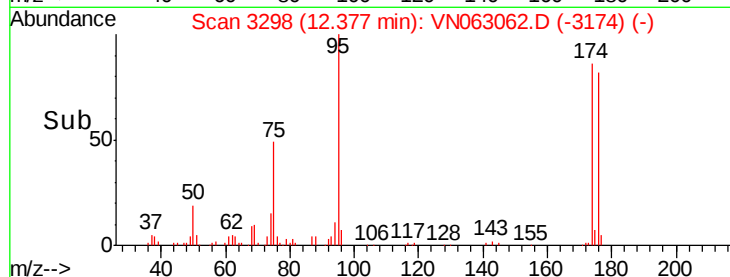
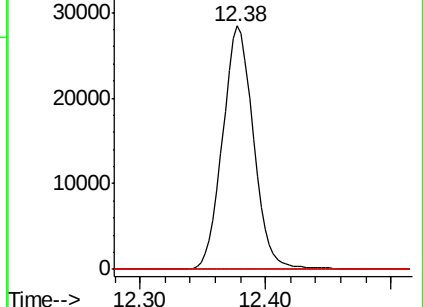
89 0.0 34.2 51.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#89

n-Butylbenzene

Concen: 2.783 ug/l

RT: 13.32 min Scan# 3592

Delta R.T. -0.27 min

Lab File: VN063062.D

Acq: 21 Aug 2020 2:53

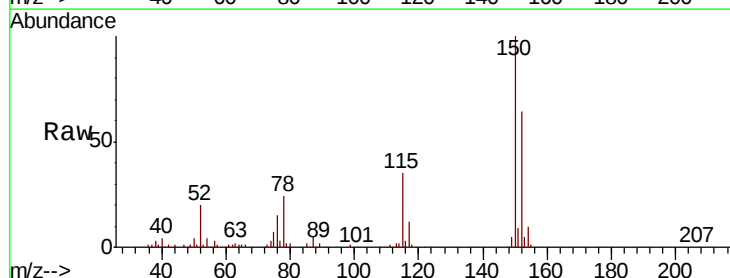
Tgt Ion: 91 Resp: 62

Ion Ratio Lower Upper

91 100

92 0.0 25.9 77.6#

134 0.0 12.4 37.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V

