

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061906.D
 Acq On : 18 Jun 2020 17:39
 Operator : JC/MD
 Sample : L3026-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0575

Quant Time: Jun 19 05:27:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	132002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	243638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	240593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	95117	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	90930	51.36	ug/l	0.00
Spiked Amount			Recovery	=	102.72%	
35) Dibromofluoromethane	7.55	113	78116	50.12	ug/l	0.00
Spiked Amount			Recovery	=	100.24%	
50) Toluene-d8	10.06	98	307370	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.38	95	101542	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	

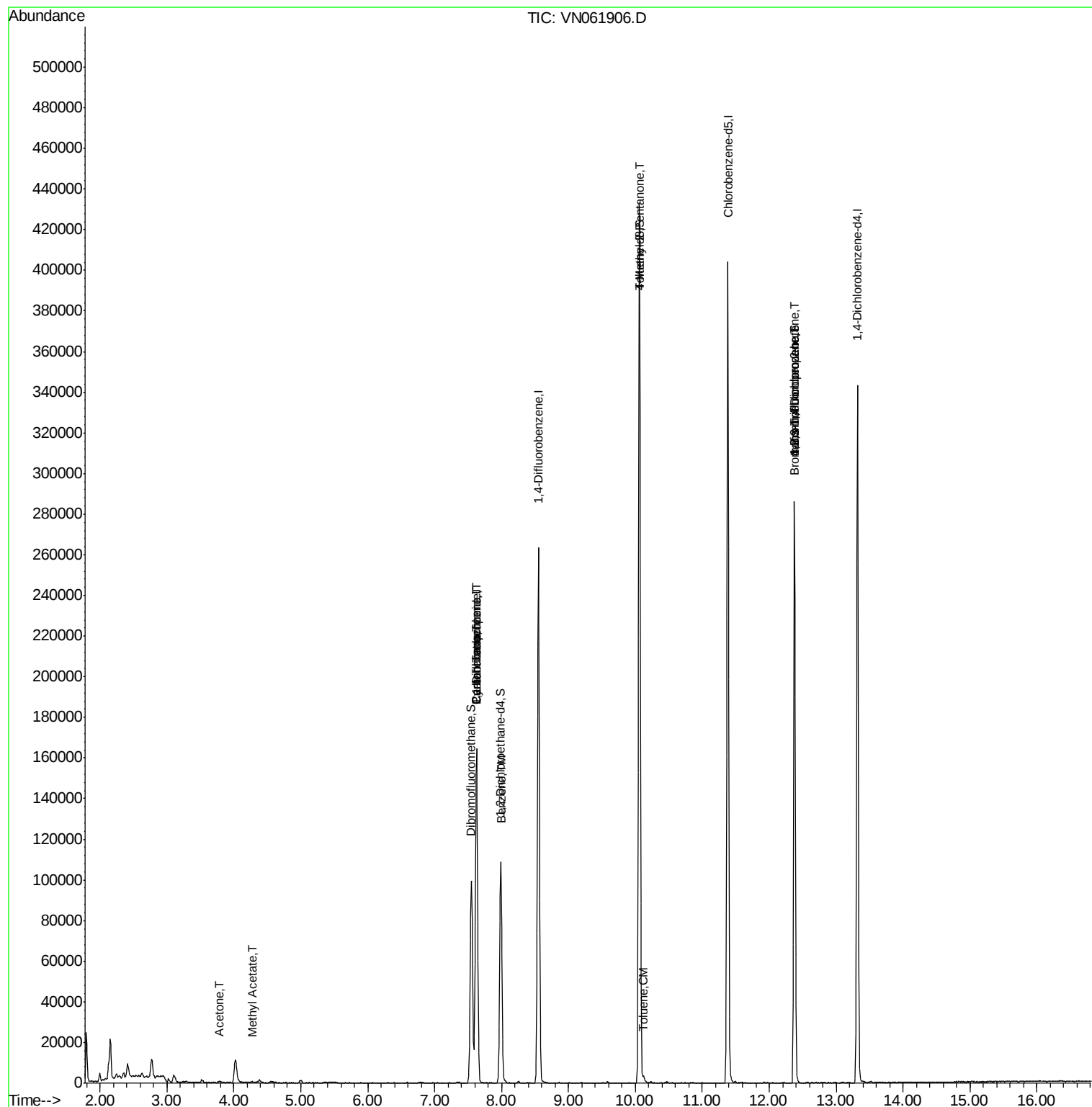
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	1555	2.974	ug/l	93
18) Methyl Acetate	4.27	43	379	0.252	ug/l #	46
31) Cyclohexane	7.62	56	3049	1.307	ug/l #	24
36) 1,1-Dichloropropene	7.63	75	10104	4.547	ug/l #	49
38) Carbon Tetrachloride	7.63	117	13343	6.063	ug/l #	17
40) Benzene	8.00	78	4324	0.642	ug/l	94
51) 4-Methyl-2-Pentanone	10.06	43	1239	0.717	ug/l #	1
52) Toluene	10.12	92	1008	0.238	ug/l	91
71) Bromoform	12.36	173	941	0.729	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	50444	27.013	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	50444	73.676	ug/l #	14

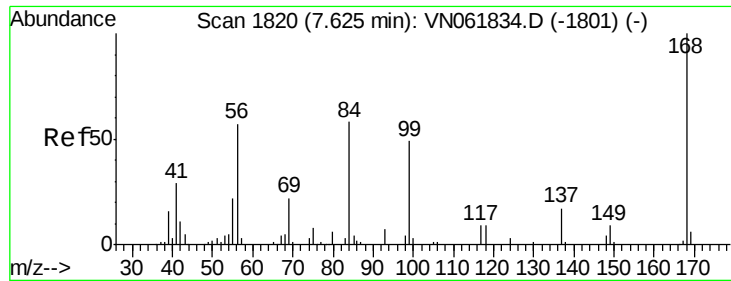
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061820\
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Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061906.D

Acq: 18 Jun 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

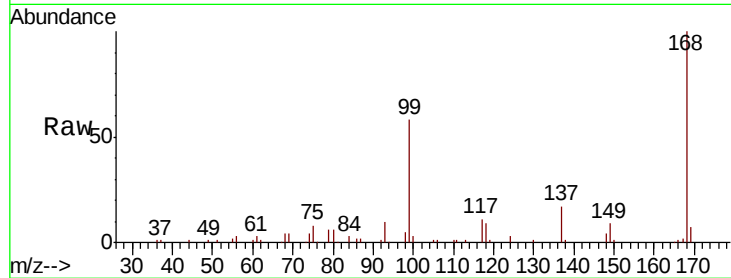
S49-0575

Tot Ion:168 Resp: 132002

Ion Ratio Lower Upper

168 100

99 58.5 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

60000

50000

40000

30000

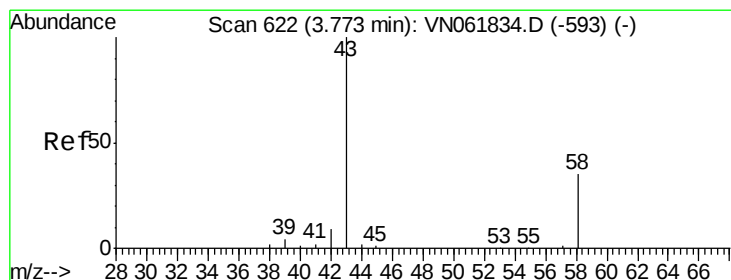
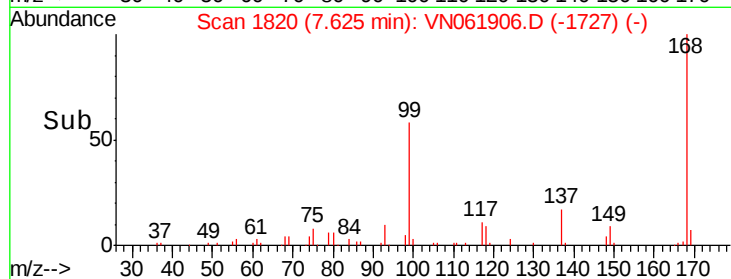
20000

10000

0

7.55 7.60 7.65 7.70

Time-->



#16

Acetone

Concen: 2.974 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061906.D

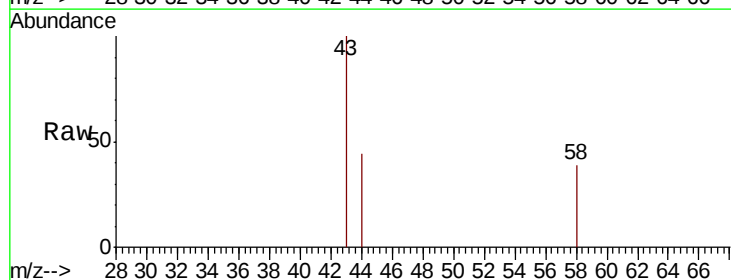
Acq: 18 Jun 2020 17:39

Tgt Ion: 43 Resp: 1555

Ion Ratio Lower Upper

43 100

58 38.7 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

600

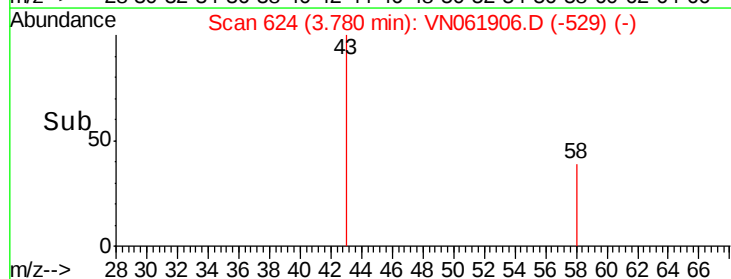
400

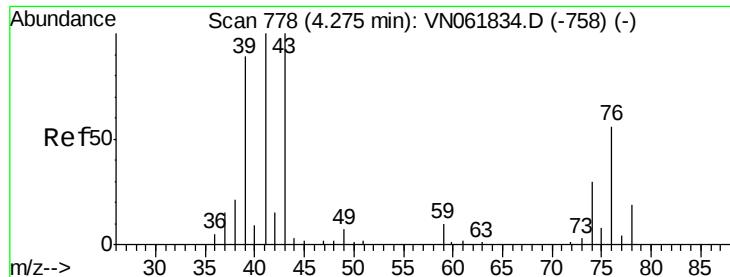
200

0

3.75 3.80 3.85

Time-->

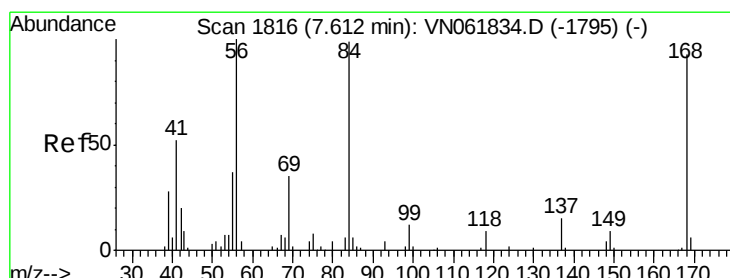
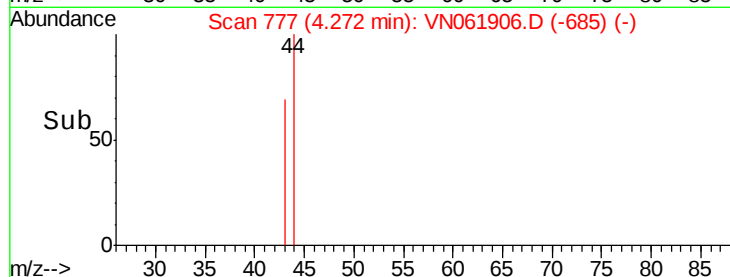
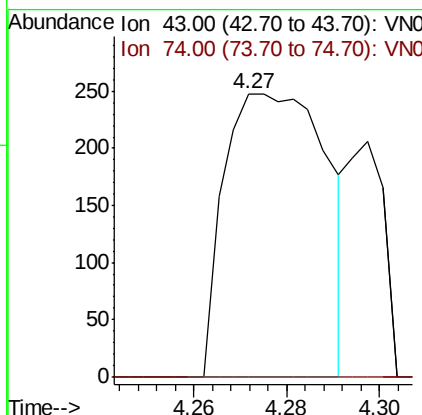
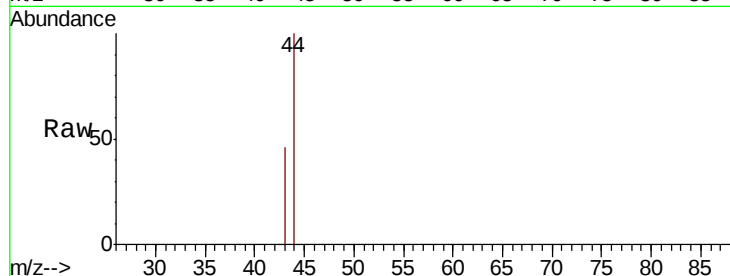




#18
Methyl Acetate
Concen: 0.252 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN061906.D
Acq: 18 Jun 2020 17:39

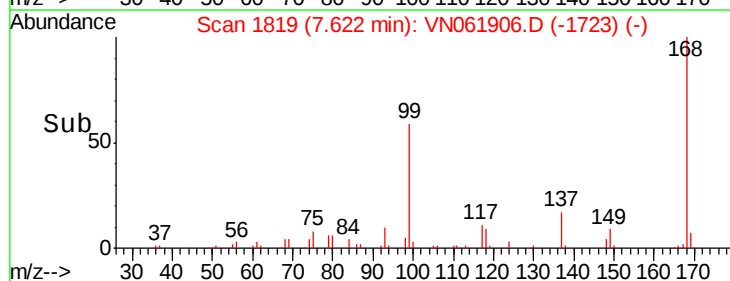
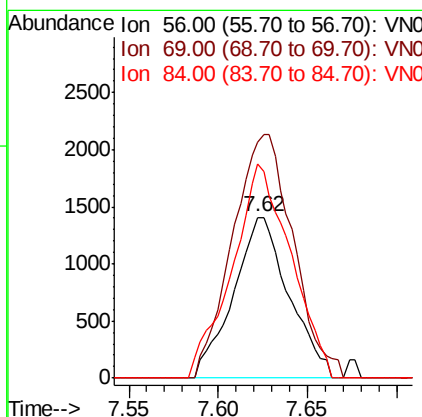
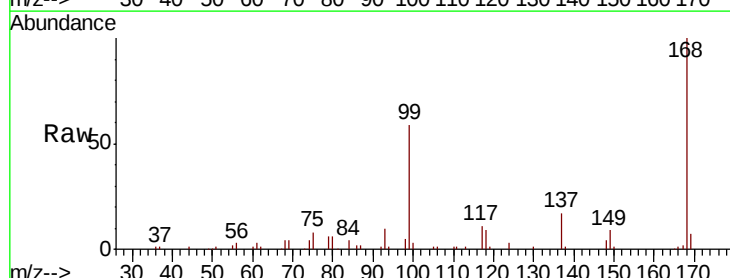
Instrument :
MSVOA_N
ClientSampled :
S49-0575

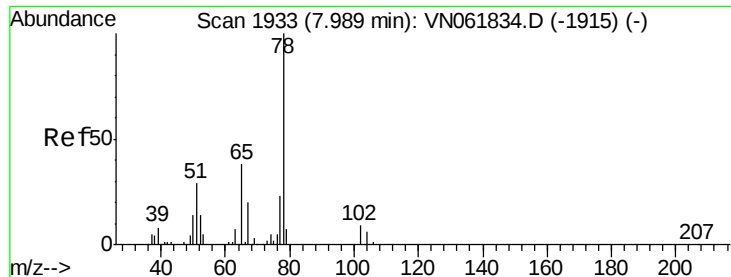
Tot Ion: 43 Resp: 379
Ion Ratio Lower Upper
43 100
74 0.0 23.0 34.4#



#31
Cyclohexane
Concen: 1.307 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN061906.D
Acq: 18 Jun 2020 17:39

Tgt Ion: 56 Resp: 3049
Ion Ratio Lower Upper
56 100
69 147.4 27.7 41.5#
84 133.5 79.1 118.7#

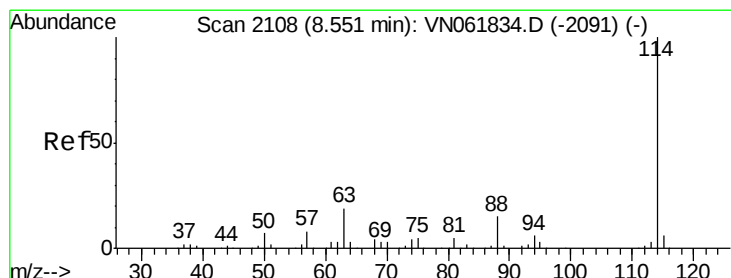
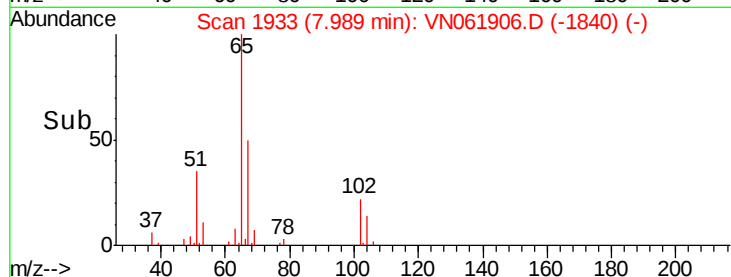
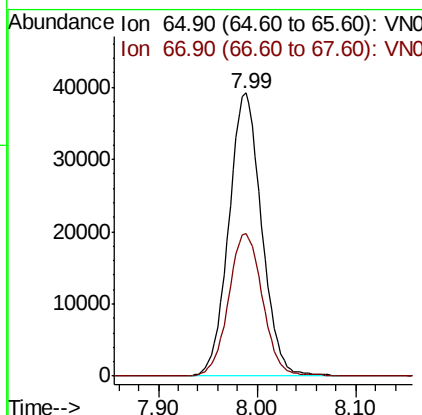
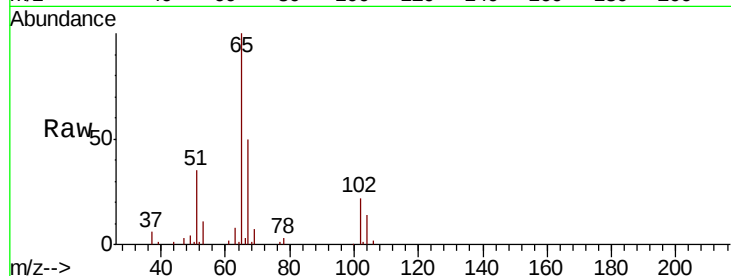




#33
 1,2-Dichloroethane-d4
 Concen: 51.363 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061906.D
 Acq: 18 Jun 2020 17:39

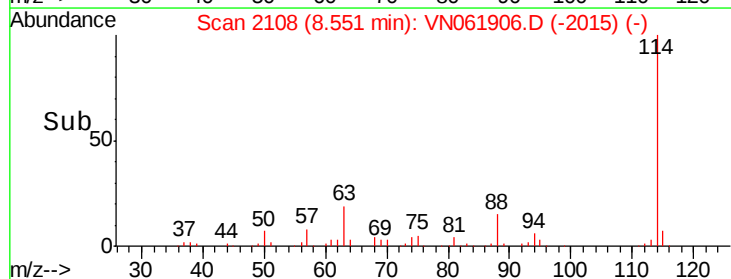
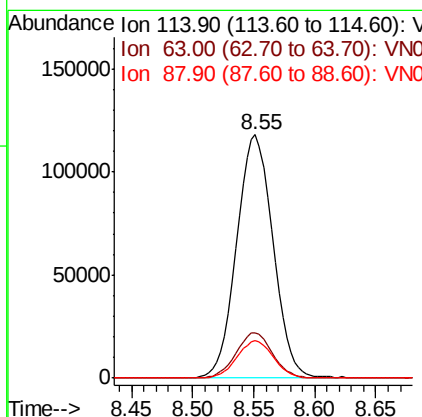
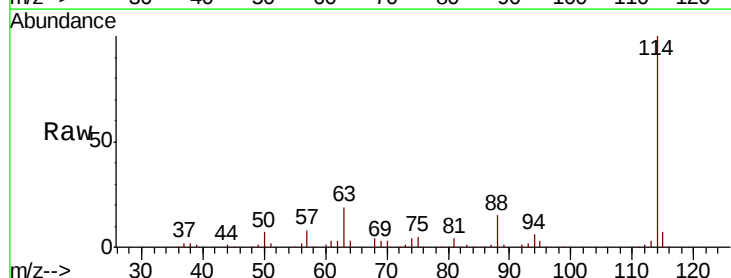
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0575

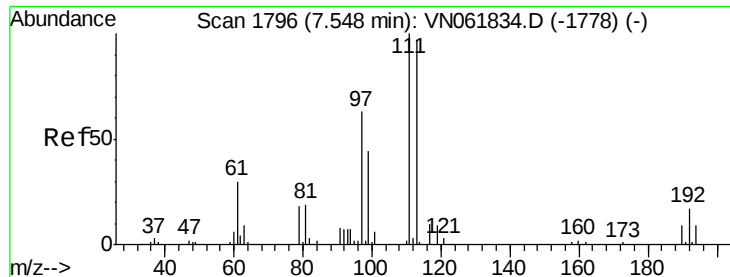
Tot Ion: 65 Resp: 90930
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061906.D
 Acq: 18 Jun 2020 17:39

Tgt Ion: 114 Resp: 243638
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.6
 88 15.3 0.0 31.0

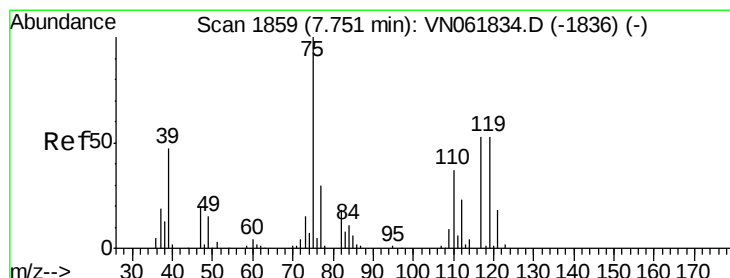
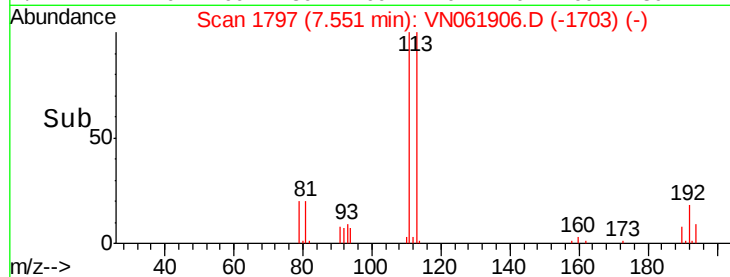
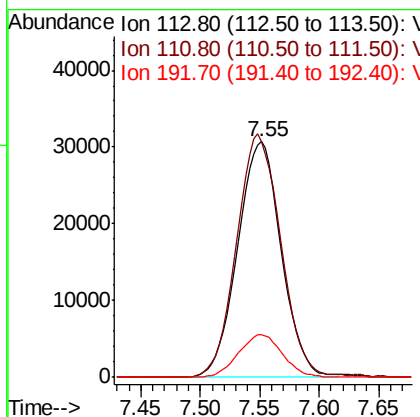
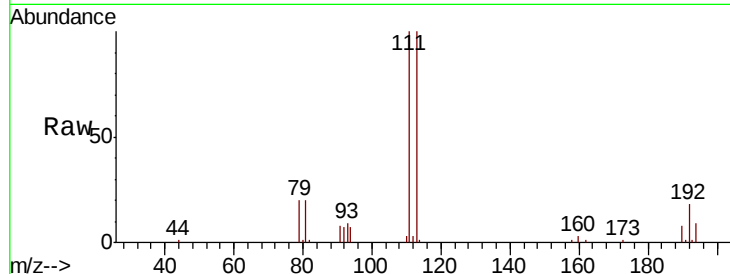




#35
 Dibromofluoromethane
 Concen: 50.117 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061906.D
 Acq: 18 Jun 2020 17:39

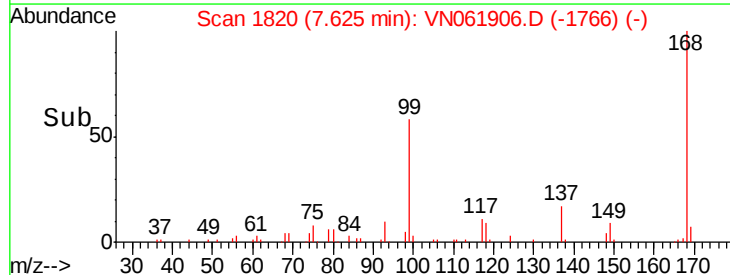
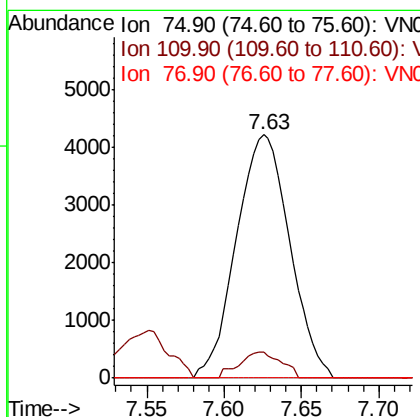
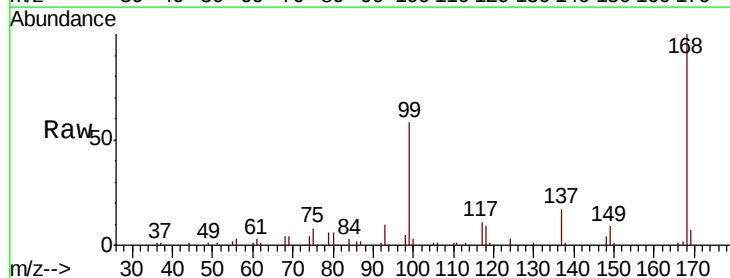
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0575

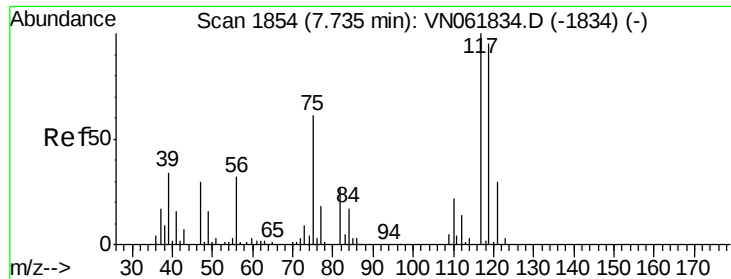
Tot Ion:113 Resp: 78116
 Ion Ratio Lower Upper
 113 100
 111 104.3 83.7 125.5
 192 18.2 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 4.547 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061906.D
 Acq: 18 Jun 2020 17:39

Tgt Ion: 75 Resp: 10104
 Ion Ratio Lower Upper
 75 100
 110 8.4 18.2 54.6#
 77 0.0 24.2 36.4#





#38

Carbon Tetrachloride

Concen: 6.063 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN061906.D

Acq: 18 Jun 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

S49-0575

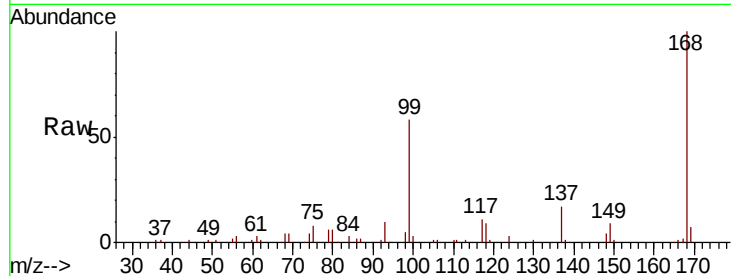
Tot Ion:117 Resp: 13343

Ion Ratio Lower Upper

117 100

119 5.4 75.8 113.6#

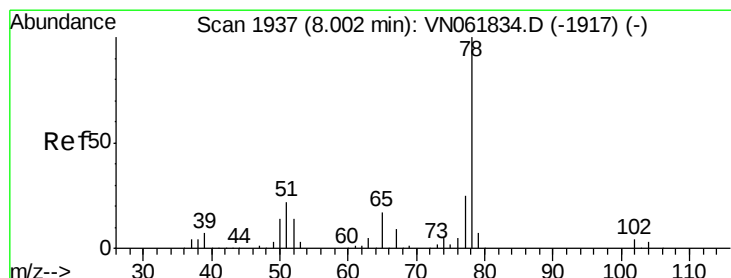
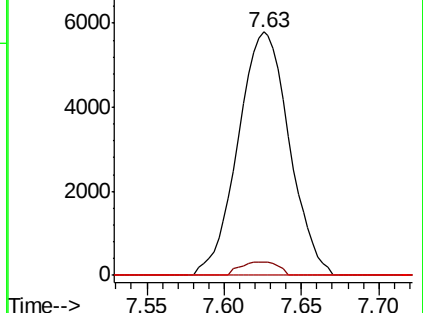
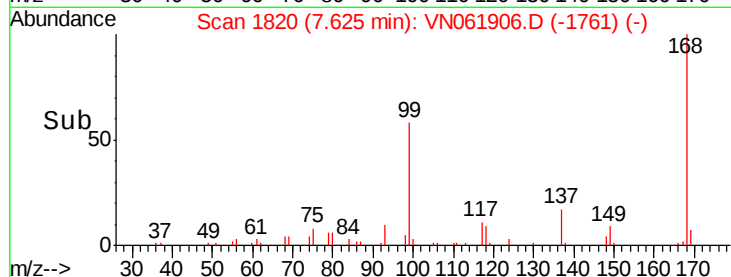
121 0.0 23.8 35.6#



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



#40

Benzene

Concen: 0.642 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061906.D

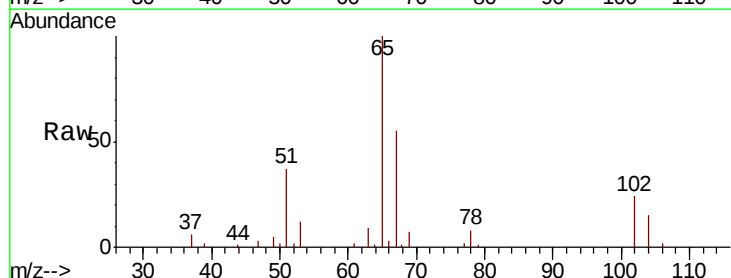
Acq: 18 Jun 2020 17:39

Tgt Ion: 78 Resp: 4324

Ion Ratio Lower Upper

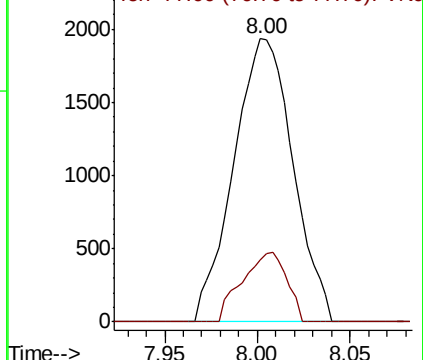
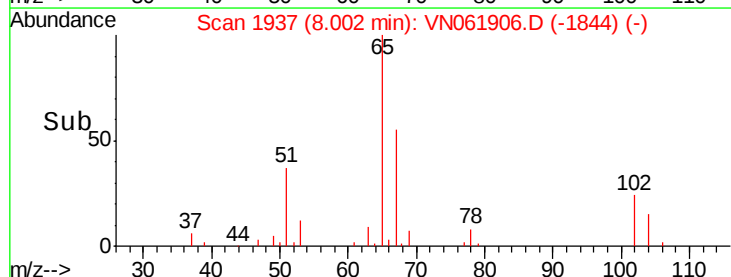
78 100

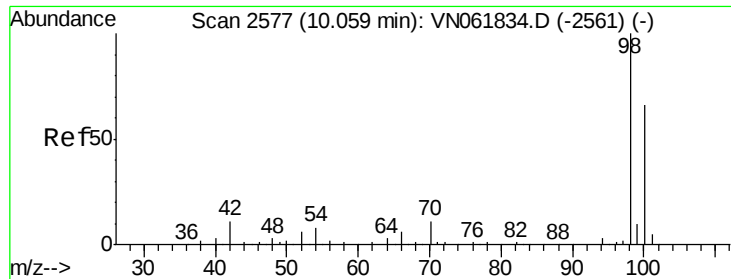
77 21.8 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#50

Toluene-d8

Concen: 50.160 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061906.D

Acq: 18 Jun 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

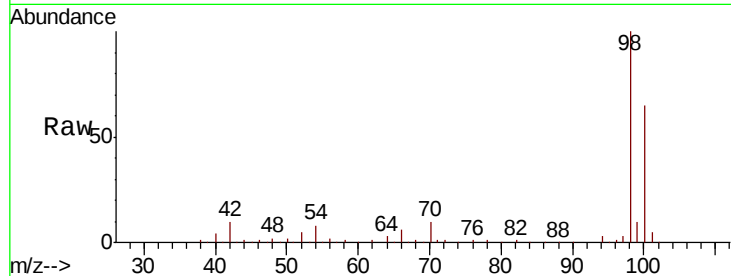
S49-0575

Tot Ion: 98 Resp: 307370

Ion Ratio Lower Upper

98 100

100 65.1 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)

10.06

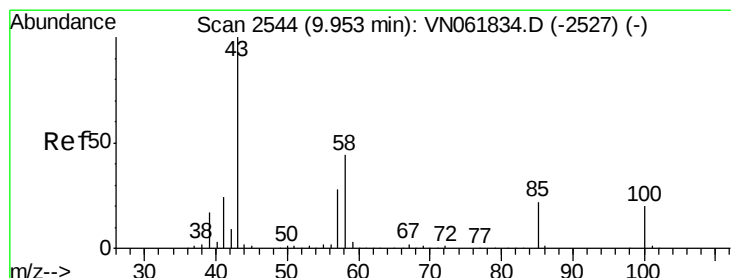
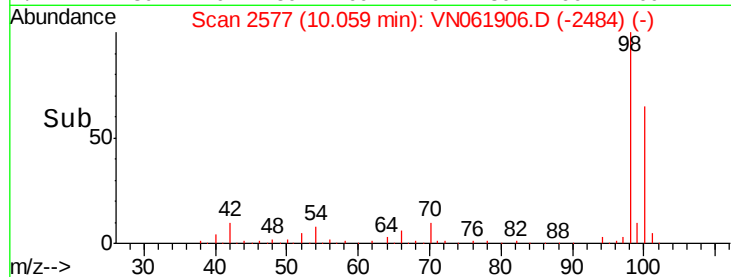
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.717 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.11 min

Lab File: VN061906.D

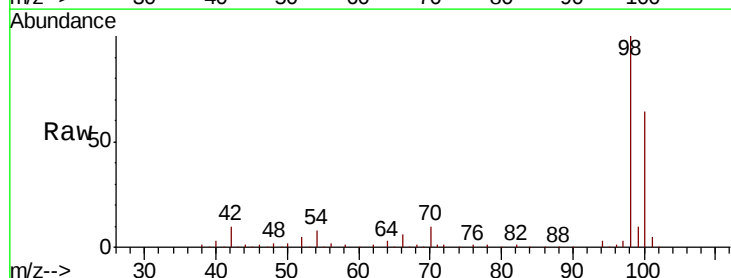
Acq: 18 Jun 2020 17:39

Tgt Ion: 43 Resp: 1239

Ion Ratio Lower Upper

43 100

58 164.7 34.6 52.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

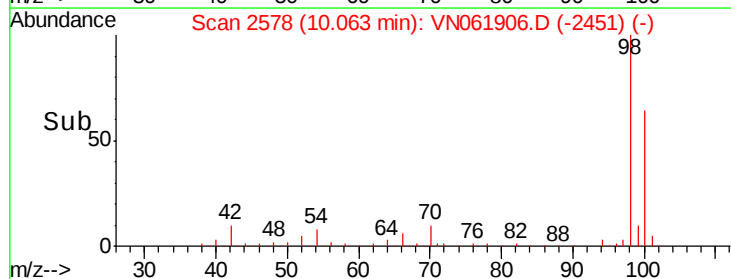
10.06

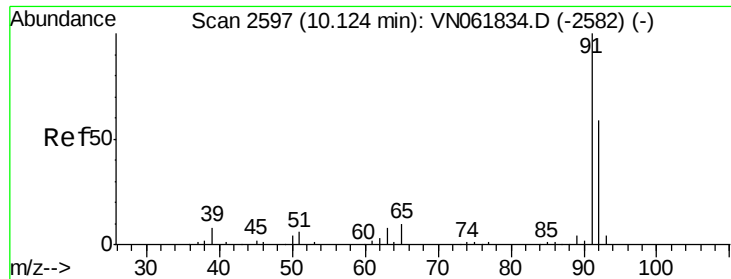
1000

500

0

Time-->





#52

Toluene

Concen: 0.238 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061906.D

Acq: 18 Jun 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

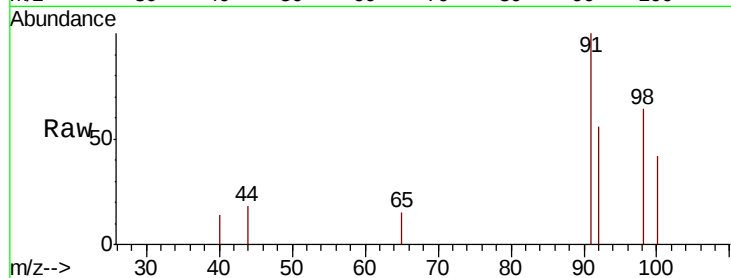
S49-0575

Tot Ion: 92 Resp: 1008

Ion Ratio Lower Upper

92 100

91 184.3 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061834.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN061834.D (-2582) (-)

1200

1000

800

600

400

200

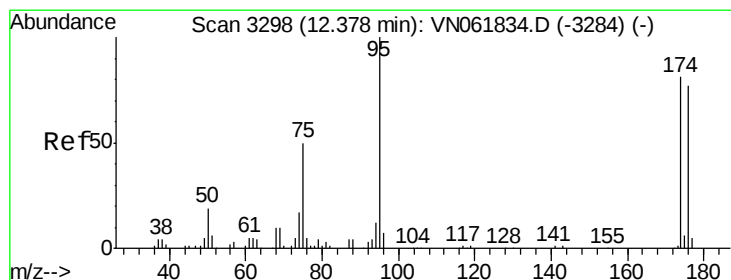
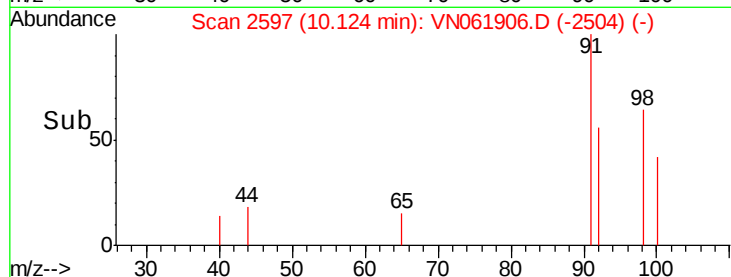
0

10.10

10.12

10.15

Time-->



#62

4-Bromofluorobenzene

Concen: 48.309 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061906.D

Acq: 18 Jun 2020 17:39

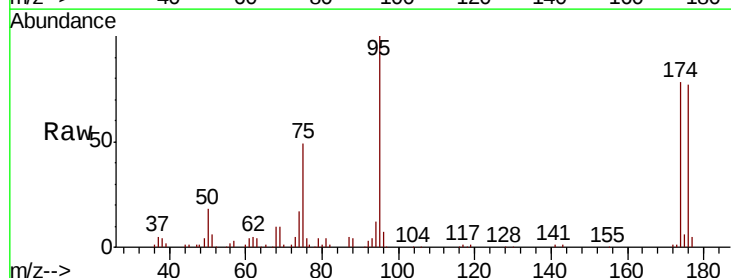
Tgt Ion: 95 Resp: 101542

Ion Ratio Lower Upper

95 100

174 79.0 0.0 158.6

176 76.1 0.0 152.0



Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)

80000

60000

40000

20000

0

12.30

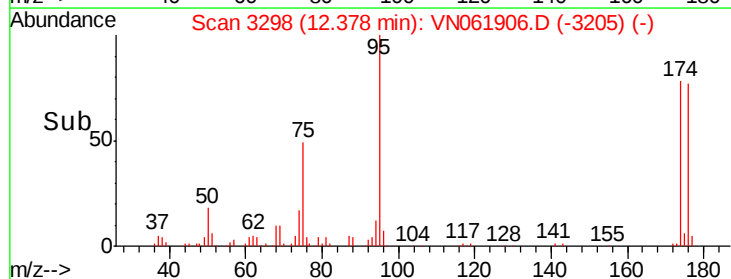
12.35

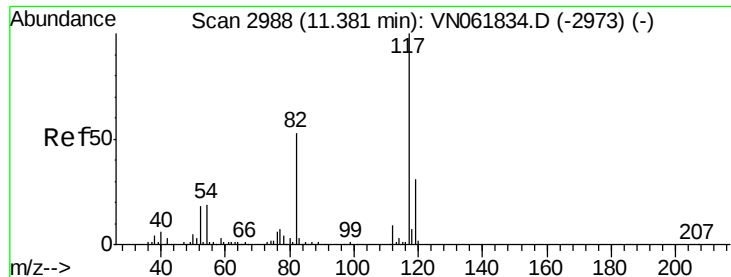
12.38

12.40

12.45

Time-->

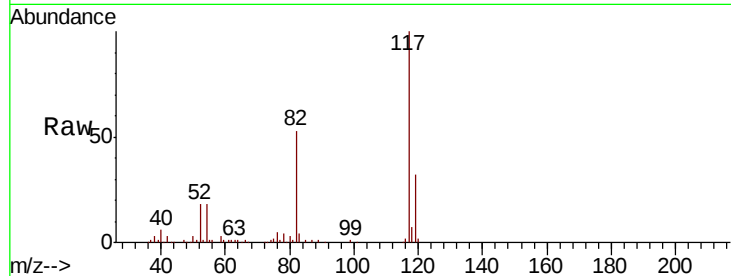




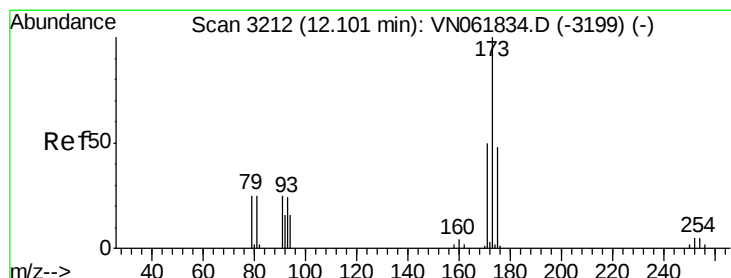
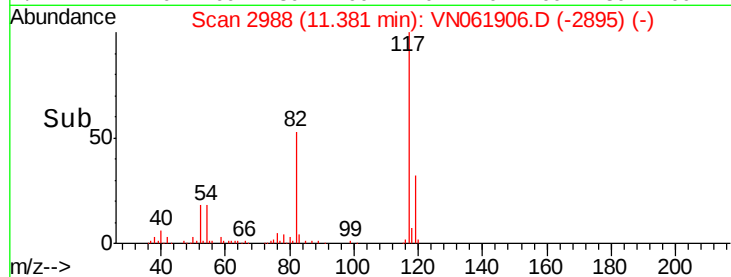
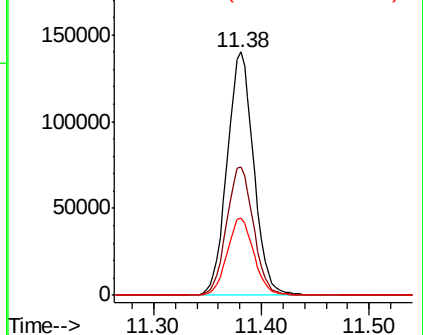
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061906.D
Acq: 18 Jun 2020 17:39

Instrument :
MSVOA_N
ClientSampleId :
S49-0575

Tot Ion:117 Resp: 240593
Ion Ratio Lower Upper
117 100
82 52.6 42.6 64.0
119 31.8 24.7 37.1

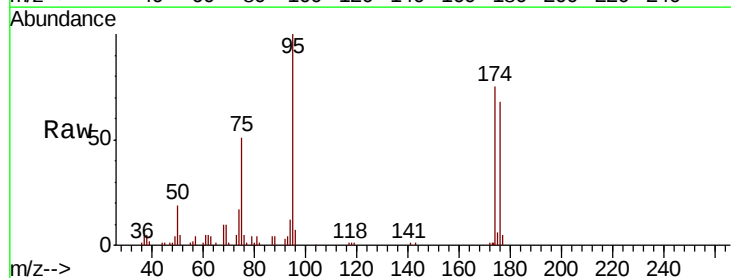


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

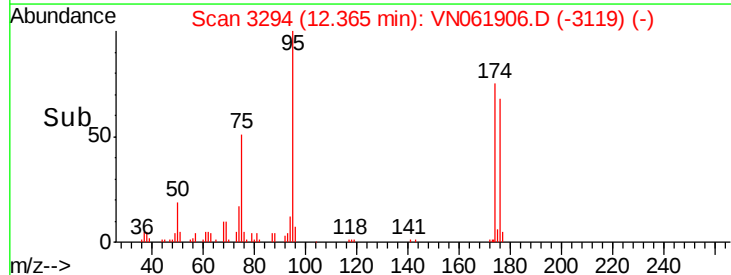
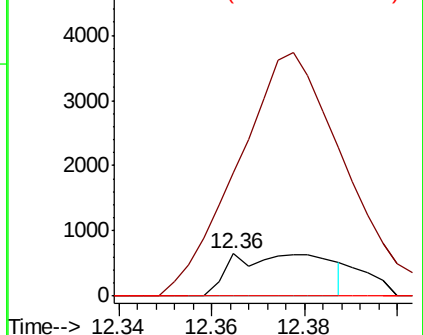


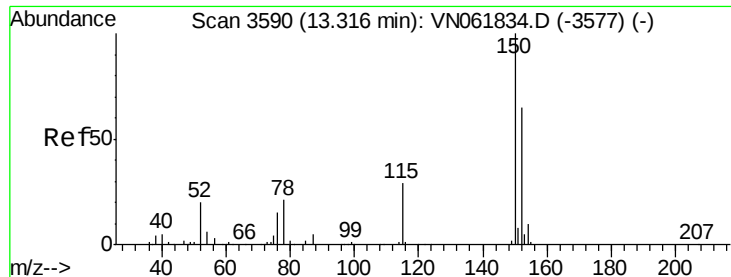
#71
Bromoform
Concen: 0.729 ug/l
RT: 12.36 min Scan# 3294
Delta R.T. 0.26 min
Lab File: VN061906.D
Acq: 18 Jun 2020 17:39

Tgt Ion:173 Resp: 941
Ion Ratio Lower Upper
173 100
175 536.9 23.9 71.7#
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: VN061906.D

Acq: 18 Jun 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

S49-0575

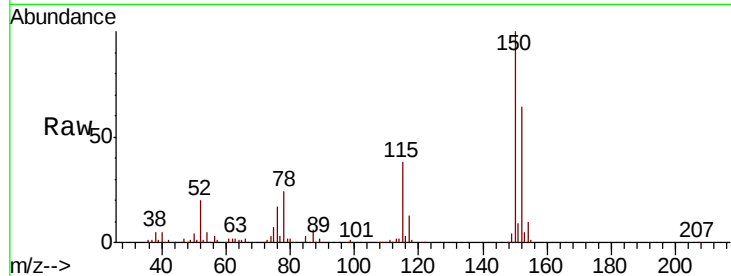
Tot Ion:152 Resp: 95117

Ion Ratio Lower Upper

152 100

115 59.2 29.1 87.3

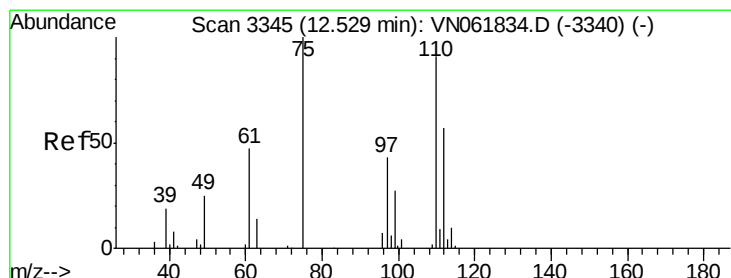
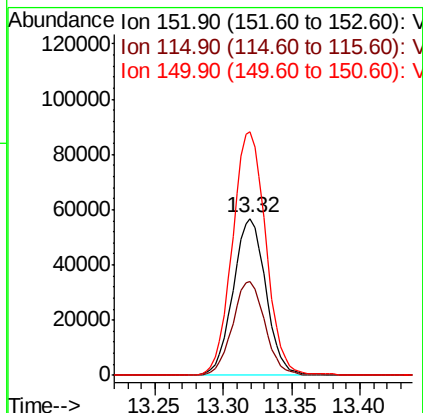
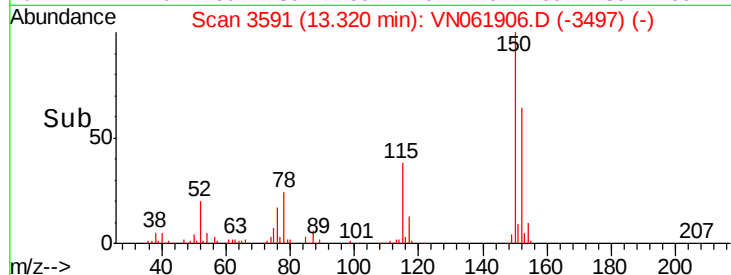
150 158.5 0.0 347.6



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: 27.013 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061906.D

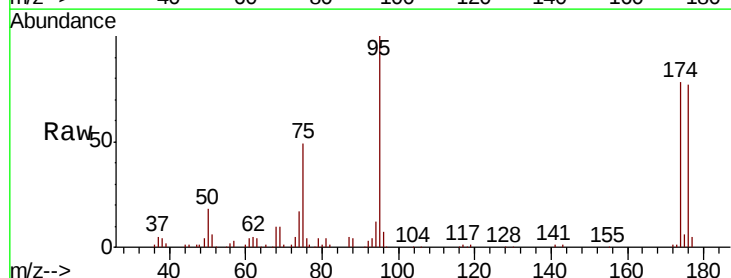
Acq: 18 Jun 2020 17:39

Tgt Ion: 75 Resp: 50444

Ion Ratio Lower Upper

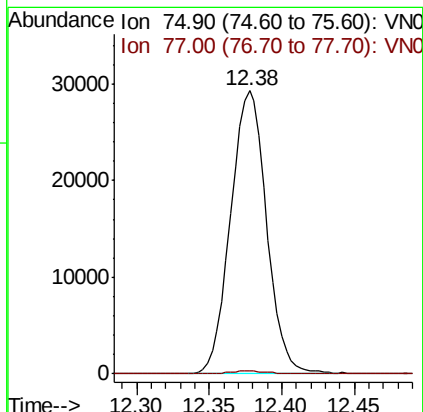
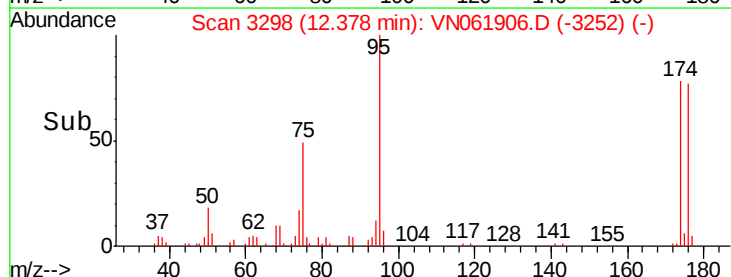
75 100

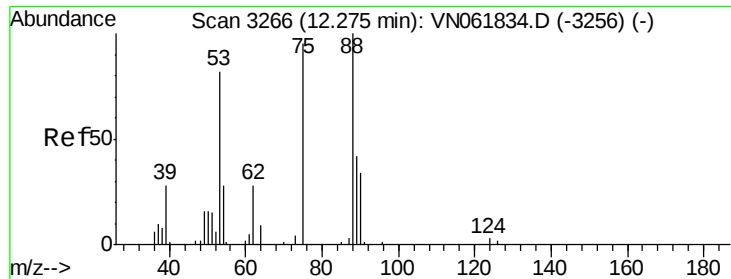
77 1.0 0.0 0.0#



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: 73.676 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061906.D

Acq: 18 Jun 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

S49-0575

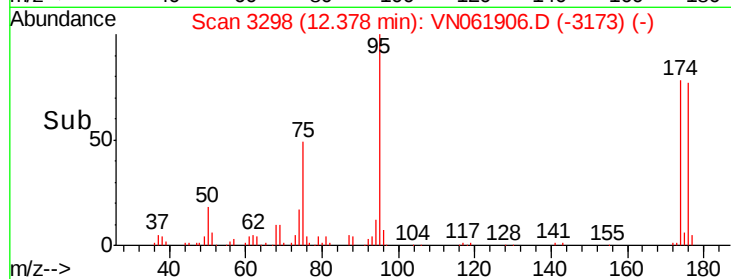
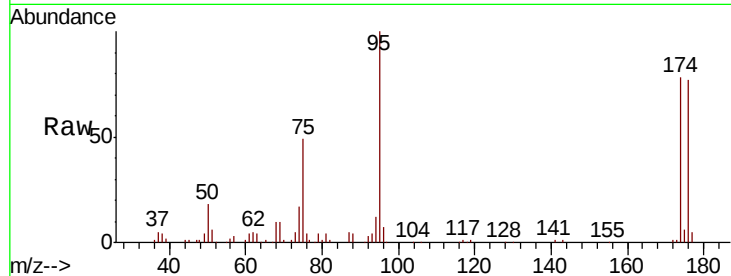
Tot Ion: 75 Resp: 50444

Ion Ratio Lower Upper

75 100

53 0.0 70.4 105.6#

89 0.0 36.0 54.0#



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

