

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055470.D
 Acq On : 8 May 2019 5:46
 Operator : JC/SP
 Sample : K2717-20
 Misc : 6.47g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: May 08 08:37:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	413626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	644030	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	531927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	168765	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	273950	50.63	ug/l	0.00
Spiked Amount			Recovery	=	101.26%	
35) Dibromofluoromethane	7.59	113	203352	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
50) Toluene-d8	10.09	98	767716	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.40	95	228269	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	

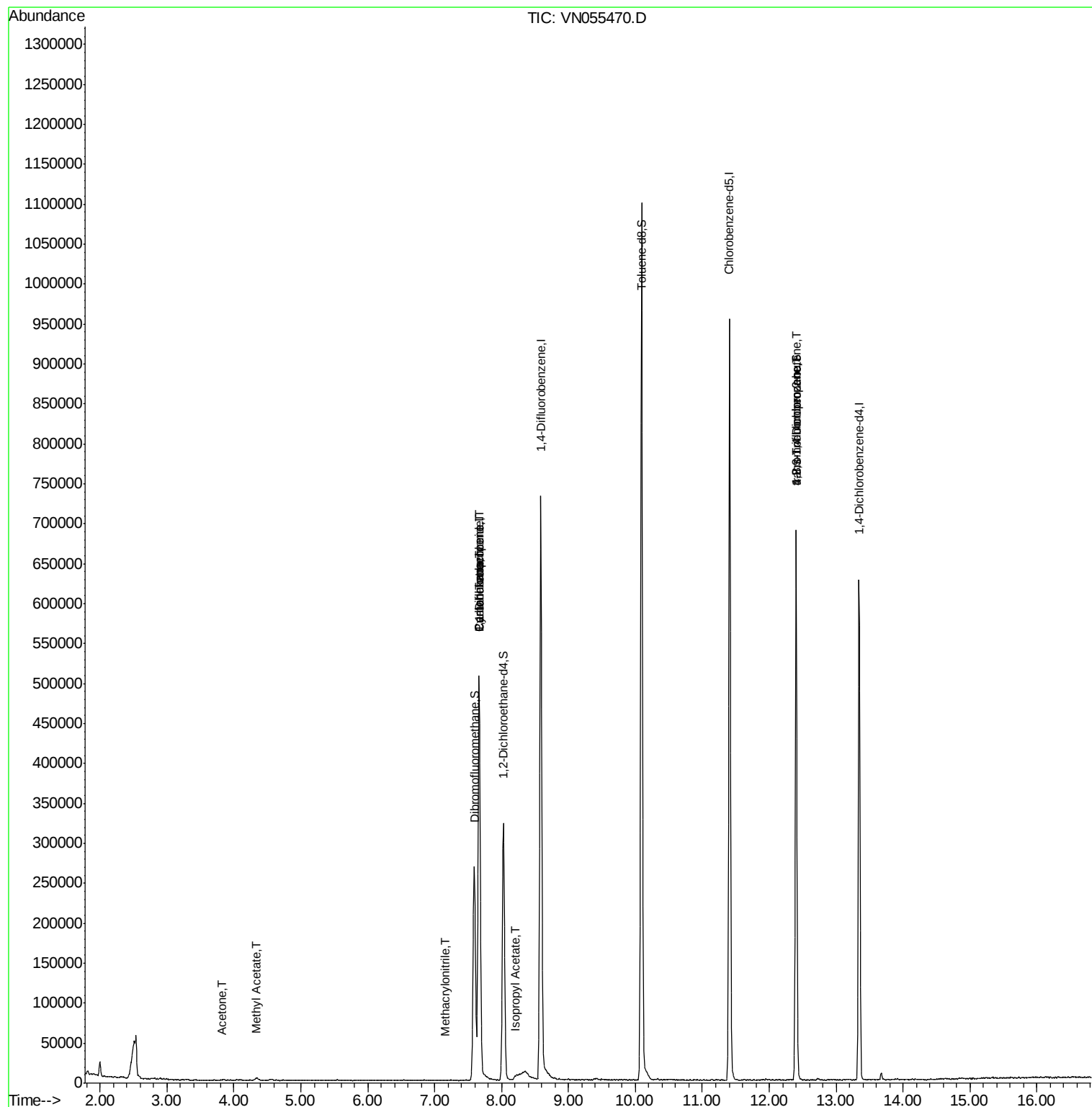
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	434	0.257	ug/l #	45
18) Methyl Acetate	4.33	43	6308	0.511	ug/l #	76
31) Cyclohexane	7.66	56	9244	1.086	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	32694	5.300	ug/l #	50
38) Carbon Tetrachloride	7.66	117	40621	6.826	ug/l #	17
41) Methacrylonitrile	7.16	41	36	0.754	ug/l #	40
43) Isopropyl Acetate	8.20	43	2628	0.346	ug/l #	56
73) Isopropylbenzene	12.26	105	93	Below Cal	#	49
76) 1,2,3-Trichloropropane	12.40	75	121528	38.144	ug/l #	100
79) 2-Chlorotoluene	12.64	91	29	Below Cal	#	42
81) trans-1,4-Dichloro-2-buten	12.40	75	121528	136.464	ug/l #	7

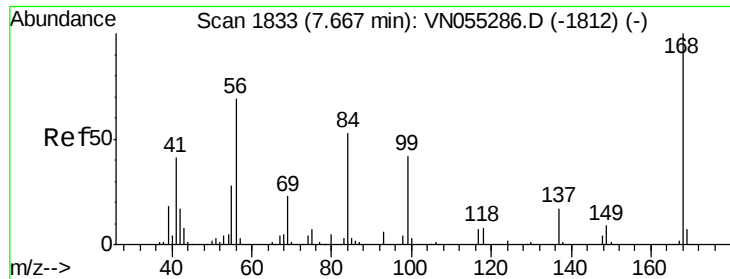
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050719\
Data File : VN055470.D
Acq On : 8 May 2019 5:46
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Instrument :
MSVOA_N
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BFB

Quant Time: May 08 08:37:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055470.D

Acq: 8 May 2019 5:46

Instrument :

MSVOA_N

ClientSampled :

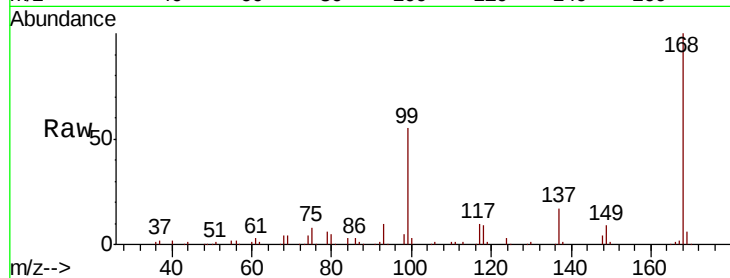
BFB

Tot Ion:168 Resp: 413626

Ion Ratio Lower Upper

168 100

99 54.9 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

200000

150000

100000

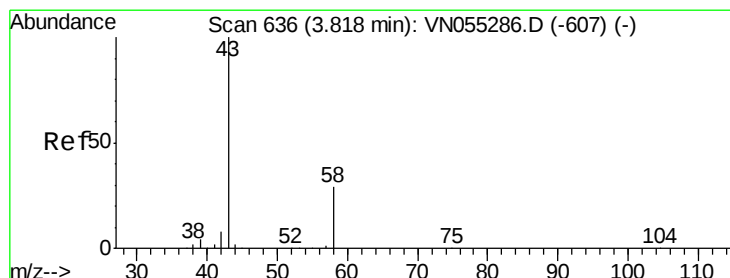
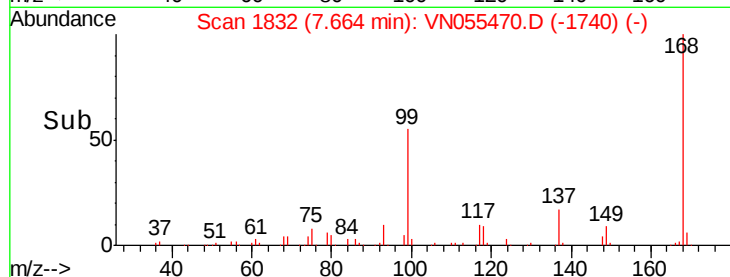
50000

0

7.66

7.70

Time-->



#16

Acetone

Concen: 0.257 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055470.D

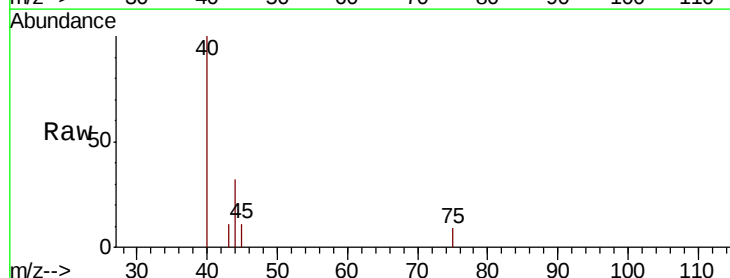
Acq: 8 May 2019 5:46

Tgt Ion: 43 Resp: 434

Ion Ratio Lower Upper

43 100

58 0.0 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

400

300

200

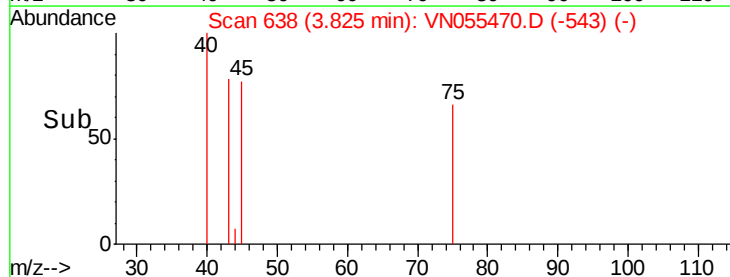
100

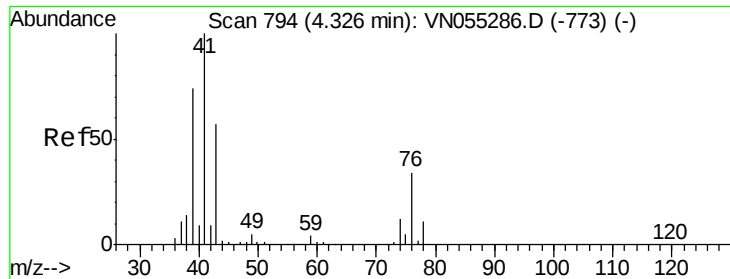
0

3.82

3.84

Time-->

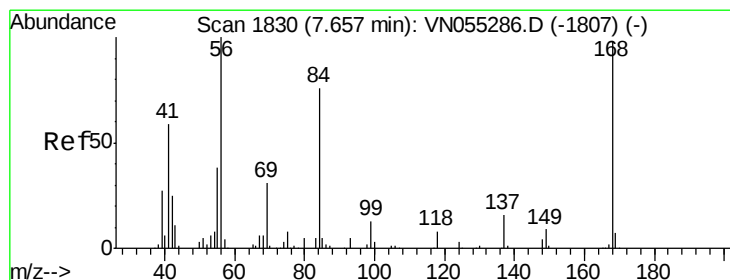
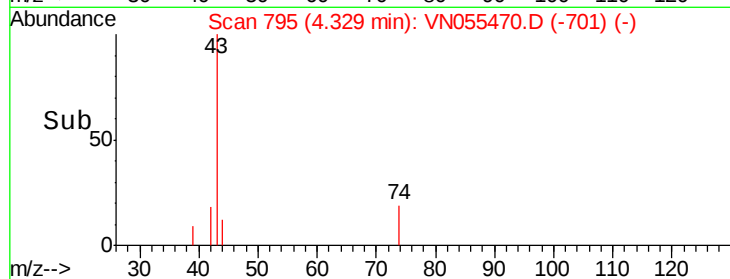
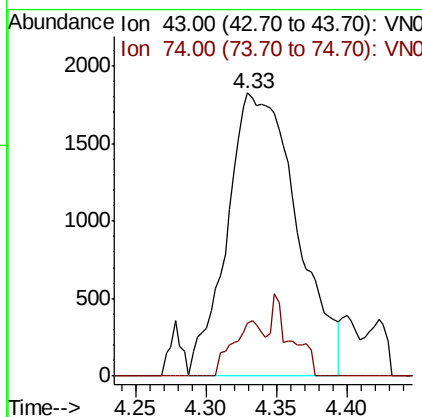
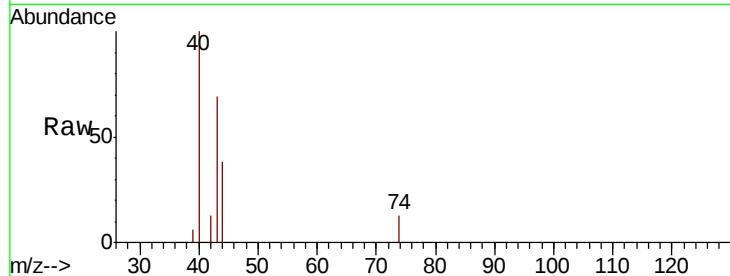




#18
Methyl Acetate
Concen: 0.511 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055470.D
Acq: 8 May 2019 5:46

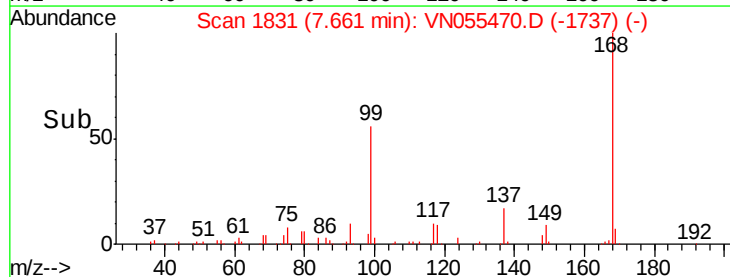
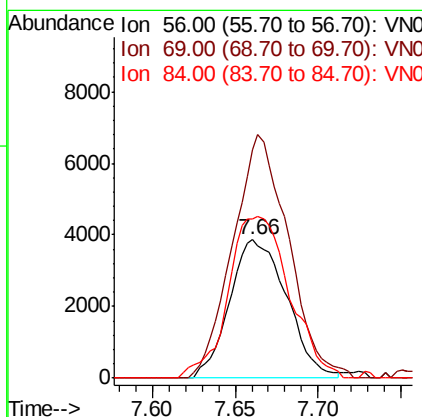
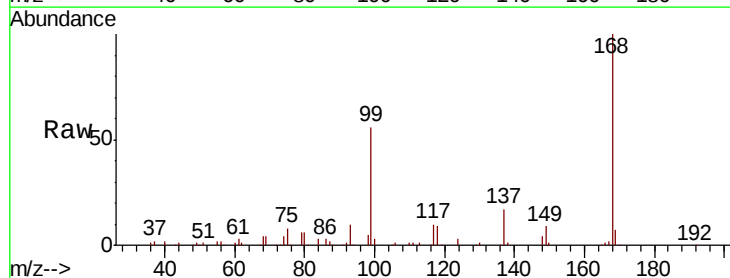
Instrument :
MSVOA_N
ClientSampled :
BFB

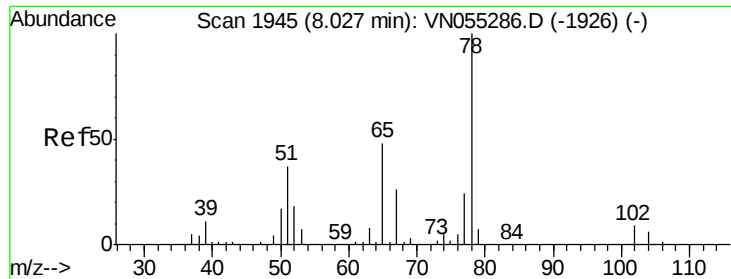
Tot Ion: 43 Resp: 6308
Ion Ratio Lower Upper
43 100
74 8.6 15.8 23.8#



#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN055470.D
Acq: 8 May 2019 5:46

Tgt Ion: 56 Resp: 9244
Ion Ratio Lower Upper
56 100
69 165.7 25.2 37.8#
84 110.5 61.1 91.7#

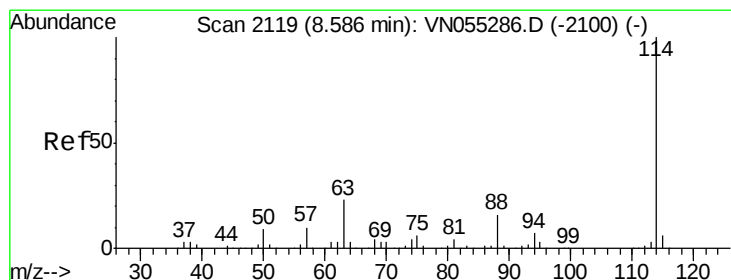
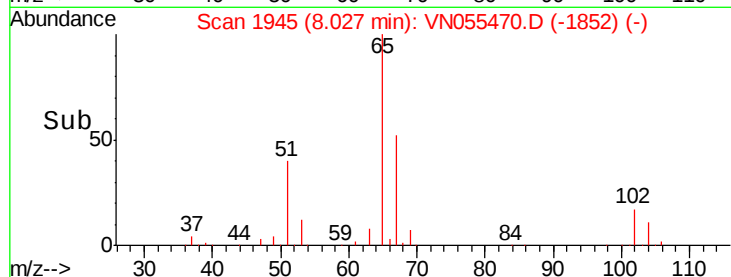
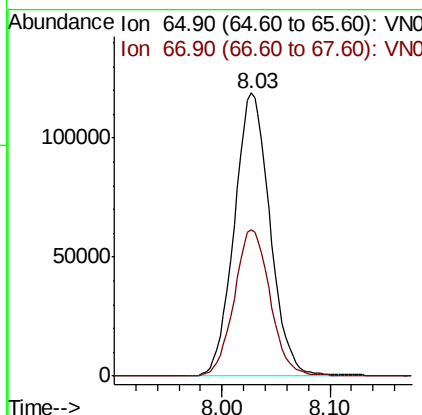
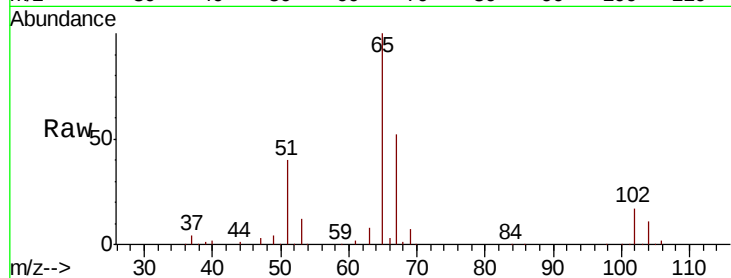




#33
 1,2-Dichloroethane-d4
 Concen: 50.627 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055470.D
 Acq: 8 May 2019 5:46

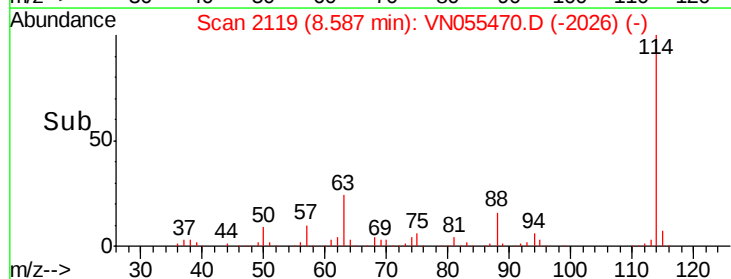
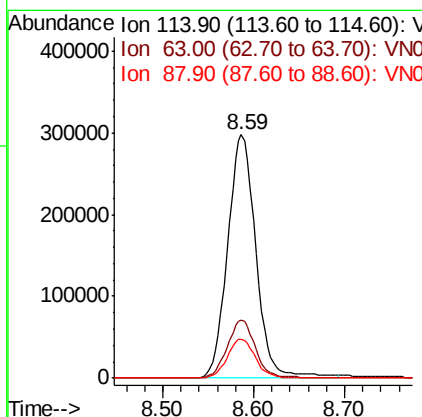
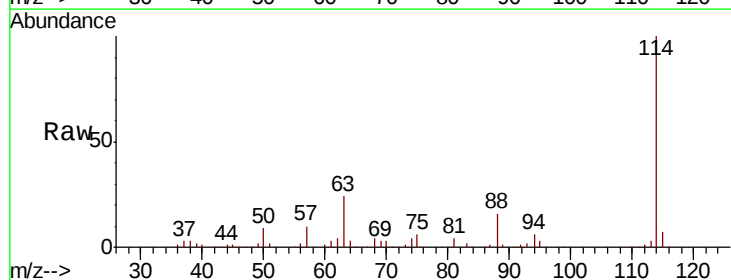
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

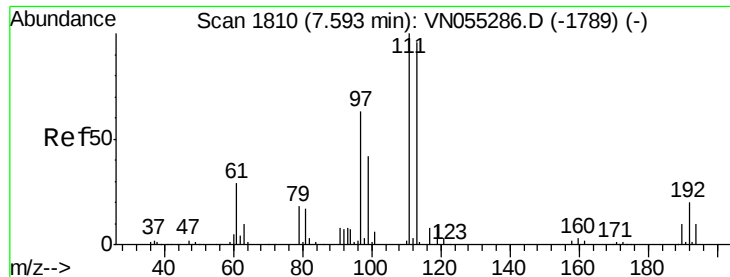
Tot Ion: 65 Resp: 273950
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055470.D
 Acq: 8 May 2019 5:46

Tgt Ion: 114 Resp: 644030
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 45.2
 88 16.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.106 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055470.D

Acq: 8 May 2019 5:46

Instrument :

MSVOA_N

ClientSampled :

BFB

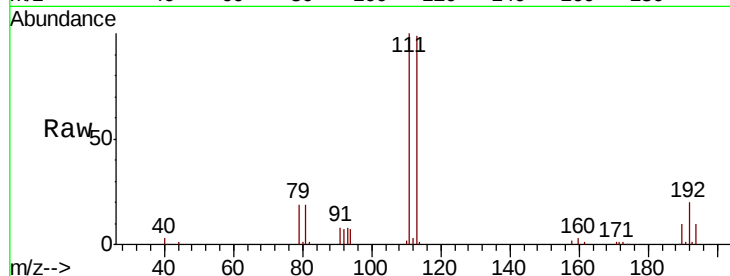
Tot Ion:113 Resp: 203352

Ion Ratio Lower Upper

113 100

111 103.7 82.3 123.5

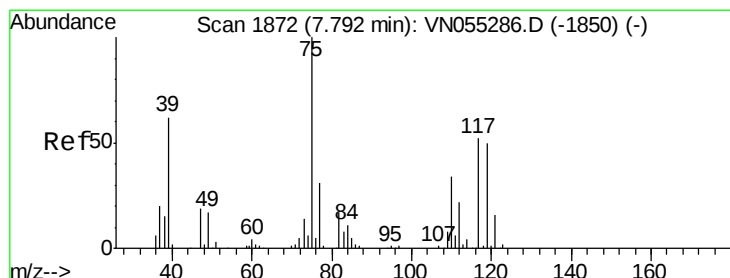
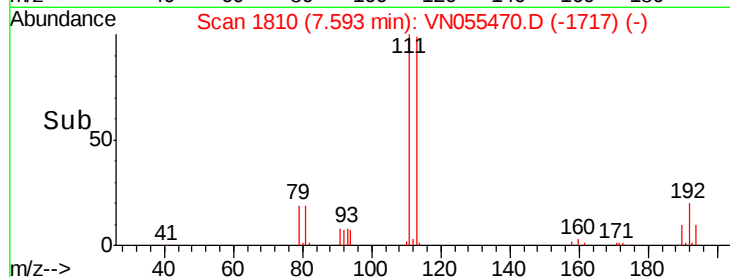
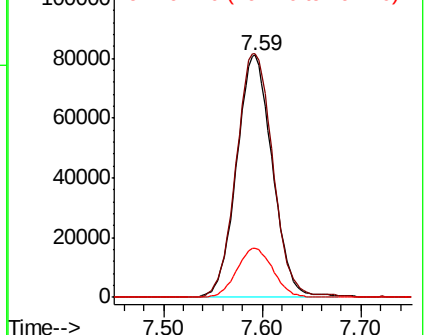
192 20.6 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.300 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN055470.D

Acq: 8 May 2019 5:46

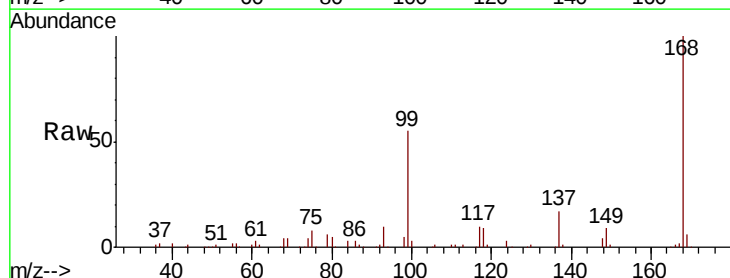
Tgt Ion: 75 Resp: 32694

Ion Ratio Lower Upper

75 100

110 8.9 16.8 50.4#

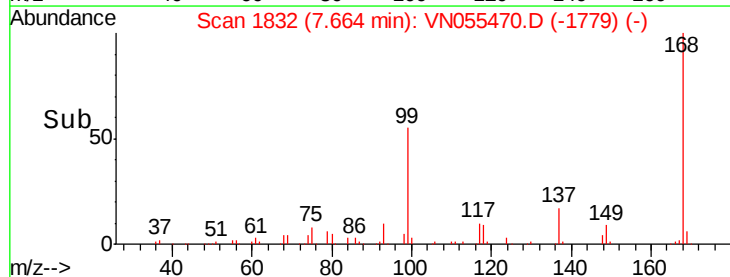
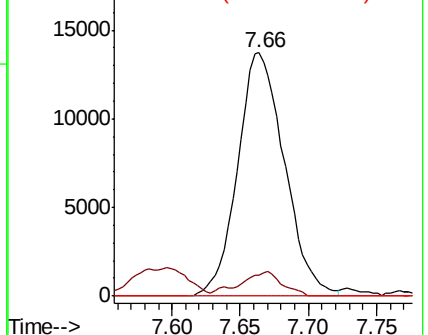
77 0.0 25.0 37.6#

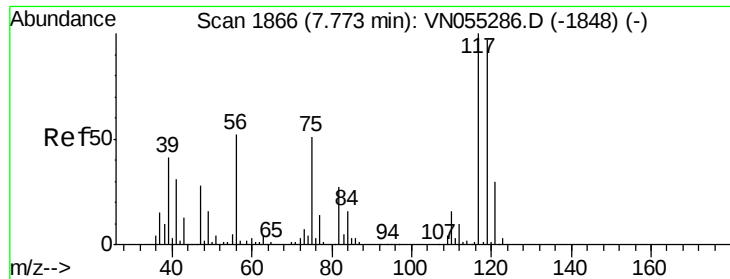


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.826 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055470.D

Acq: 8 May 2019 5:46

Instrument :

MSVOA_N

ClientSampled :

BFB

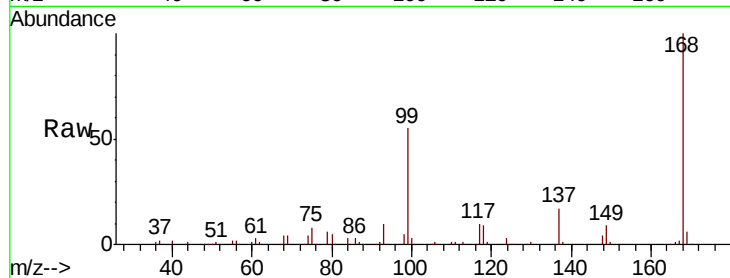
Tot Ion:117 Resp: 40621

Ion Ratio Lower Upper

117 100

119 6.1 77.0 115.6#

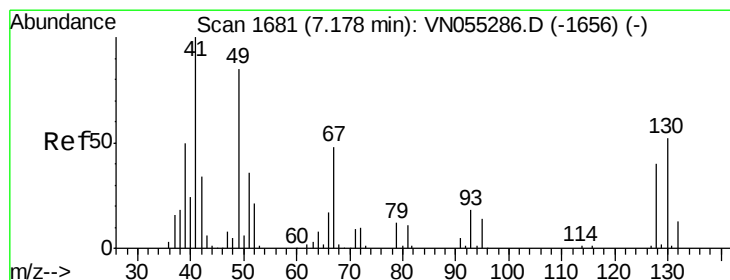
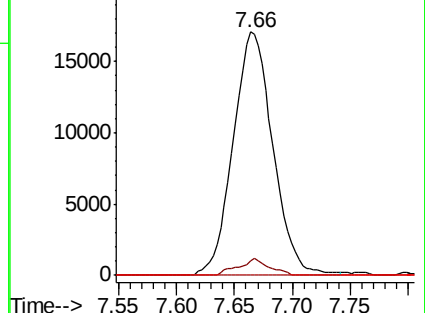
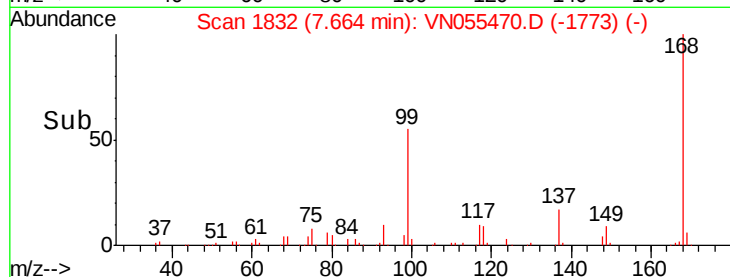
121 0.0 23.8 35.8#



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



#41

Methacrylonitrile

Concen: 0.754 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. -0.02 min

Lab File: VN055470.D

Acq: 8 May 2019 5:46

Tgt Ion: 41 Resp: 36

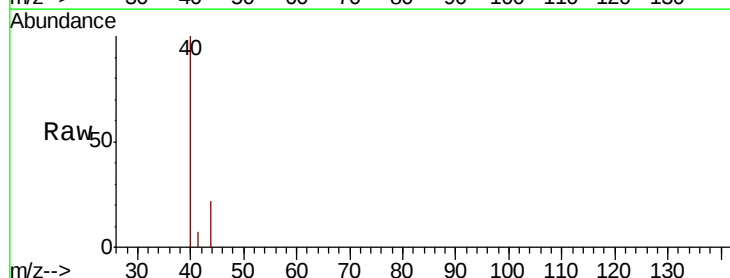
Ion Ratio Lower Upper

41 100

39 86.1 48.5 72.7#

67 0.0 54.9 82.3#

52 0.0 24.9 37.3#

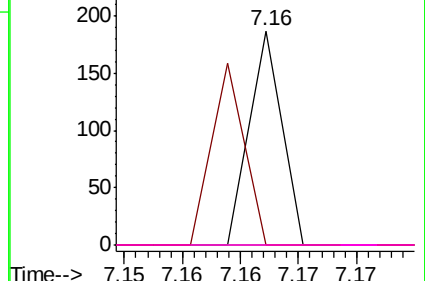
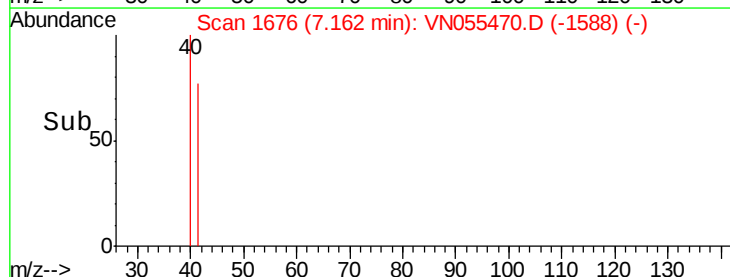


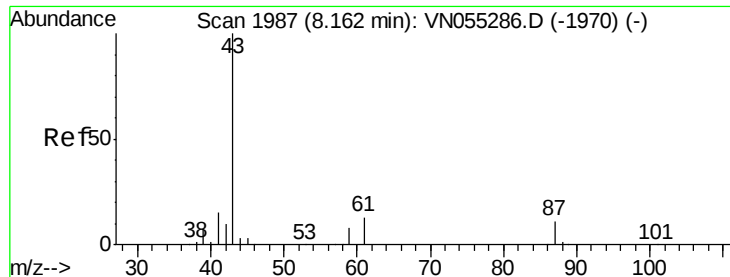
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 0.346 ug/l

RT: 8.20 min Scan# 1998

Delta R.T. 0.04 min

Lab File: VN055470.D

Acq: 8 May 2019 5:46

Instrument :

MSVOA_N

ClientSampleId :

BFB

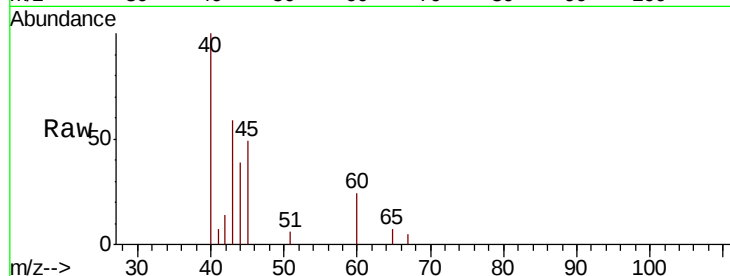
Tot Ion: 43 Resp: 2628

Ion Ratio Lower Upper

43 100

61 0.0 20.8 31.2#

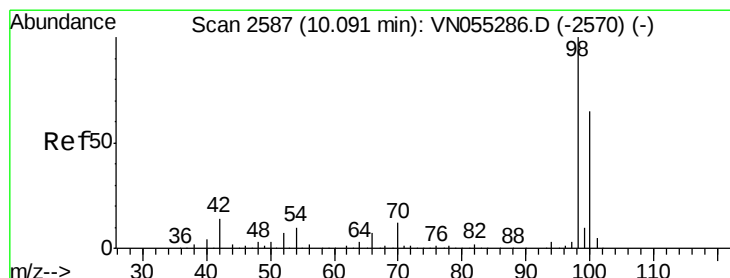
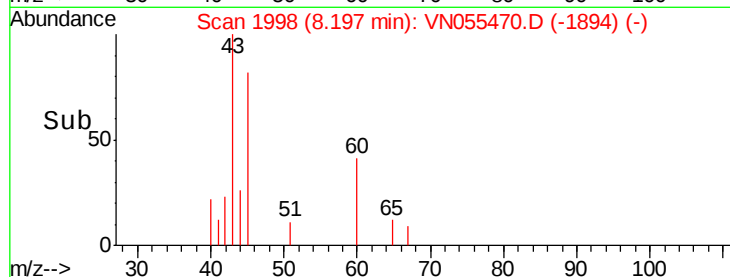
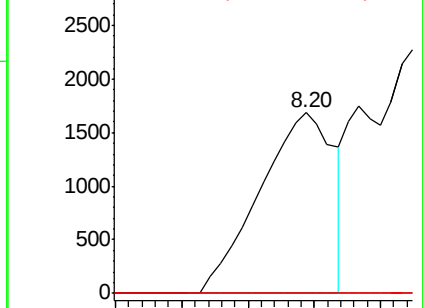
87 0.0 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 50.296 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055470.D

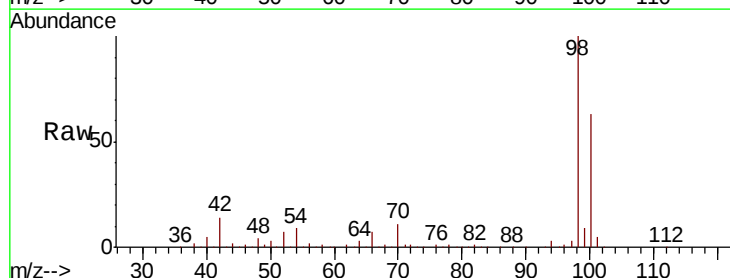
Acq: 8 May 2019 5:46

Tgt Ion: 98 Resp: 767716

Ion Ratio Lower Upper

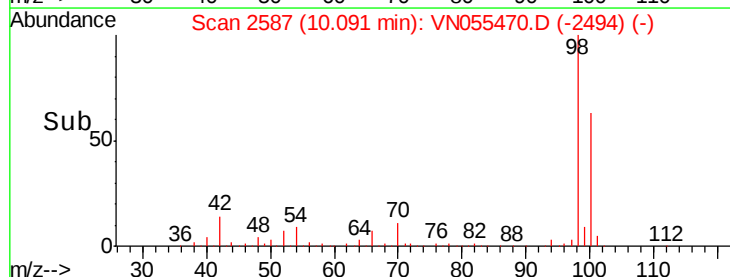
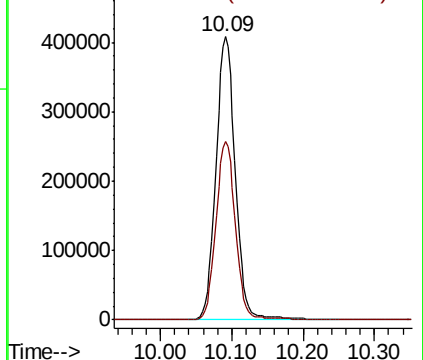
98 100

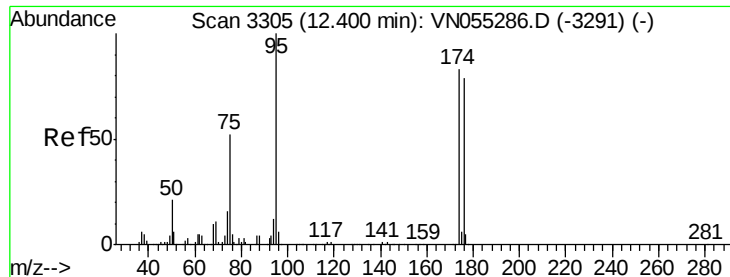
100 63.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 47.850 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055470.D

Acq: 8 May 2019 5:46

Instrument :

MSVOA_N

ClientSampled :

BFB

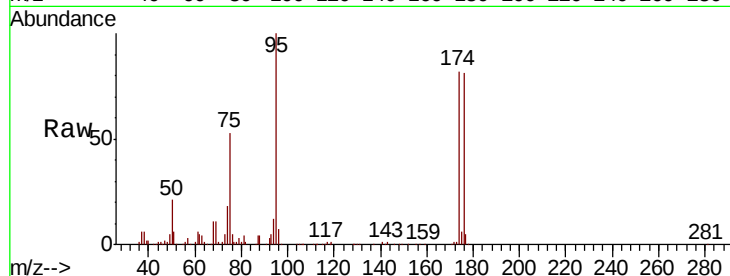
Tot Ion: 95 Resp: 228269

Ion Ratio Lower Upper

95 100

174 82.0 0.0 166.6

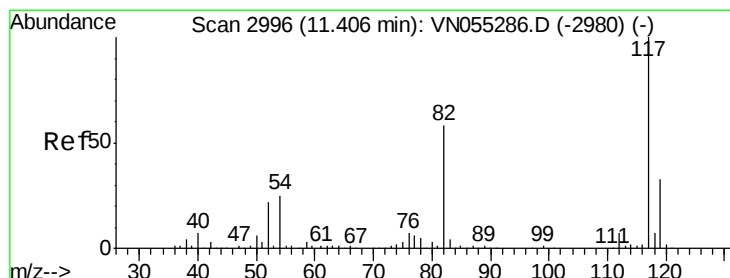
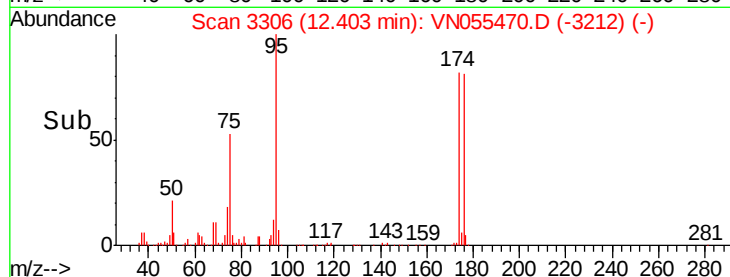
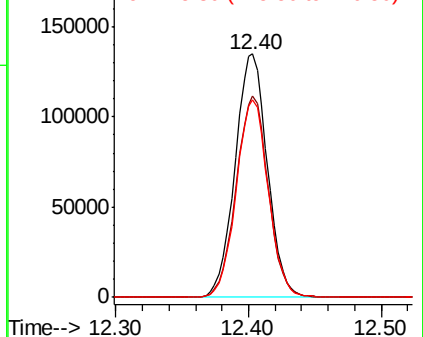
176 80.5 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055470.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055470.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055470.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055470.D

Acq: 8 May 2019 5:46

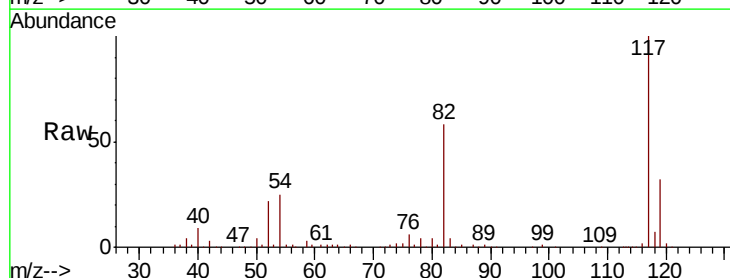
Tgt Ion: 117 Resp: 531927

Ion Ratio Lower Upper

117 100

82 58.1 46.2 69.4

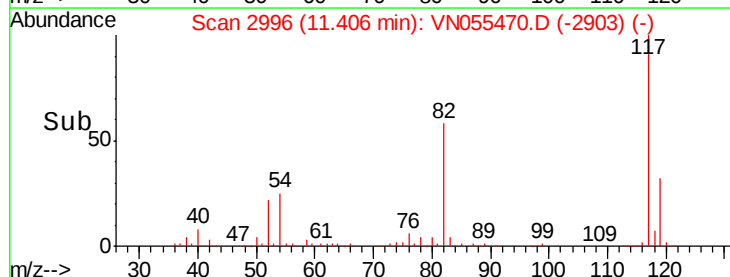
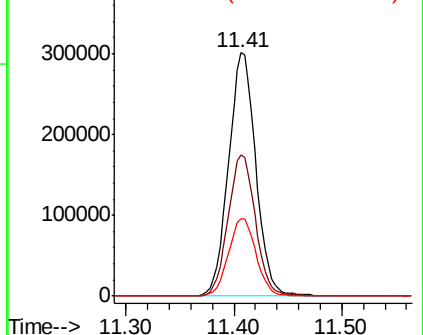
119 32.0 26.6 40.0

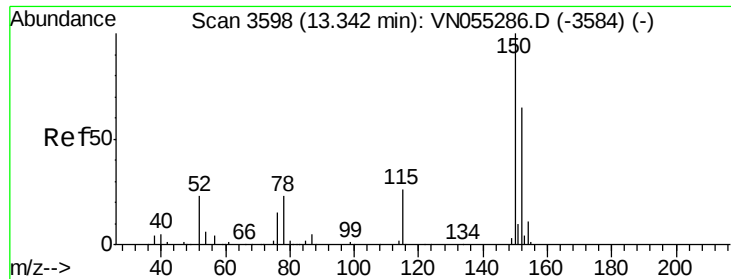


Abundance Ion 116.90 (116.60 to 117.60): VN055470.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055470.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055470.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055470.D

Acq: 8 May 2019 5:46

Instrument :

MSVOA_N

ClientSampled :

BFB

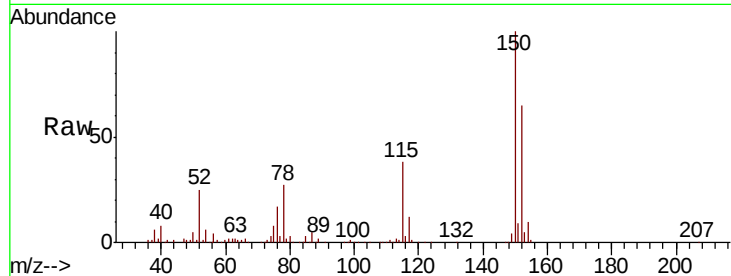
Tot Ion:152 Resp: 168765

Ion Ratio Lower Upper

152 100

115 57.3 29.0 87.0

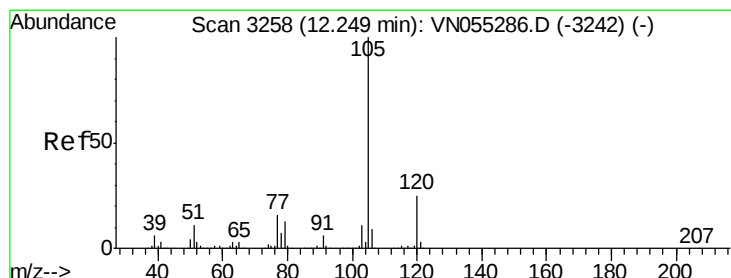
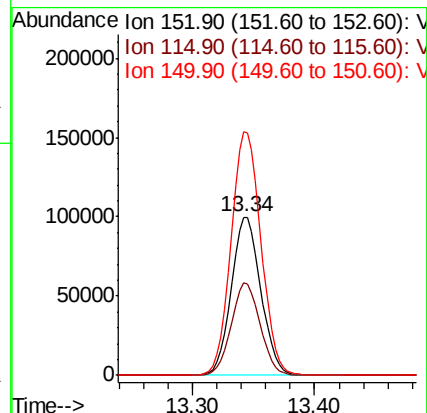
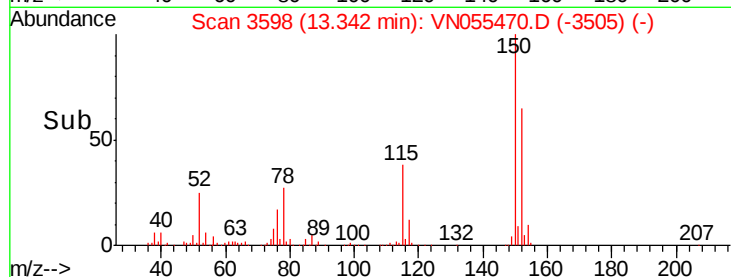
150 155.9 0.0 345.6



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



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.26 min Scan# 3261

Delta R.T. 0.01 min

Lab File: VN055470.D

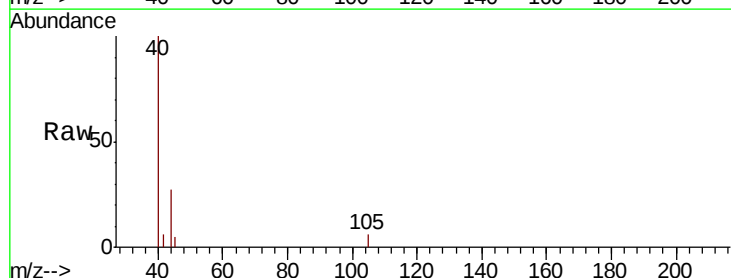
Acq: 8 May 2019 5:46

Tgt Ion:105 Resp: 93

Ion Ratio Lower Upper

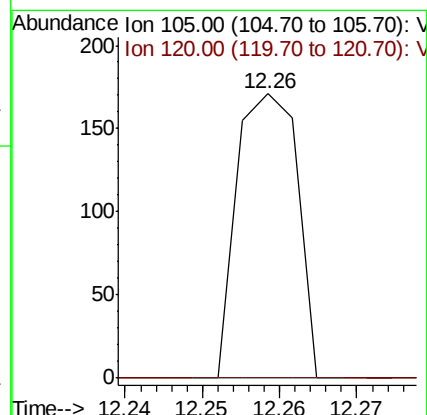
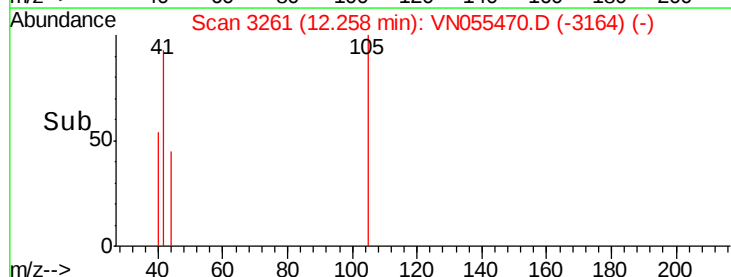
105 100

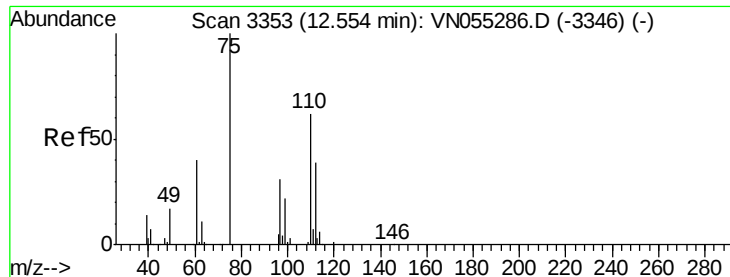
120 0.0 12.9 38.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 38.144 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN055470.D

Acq: 8 May 2019 5:46

Instrument :

MSVOA_N

ClientSampleId :

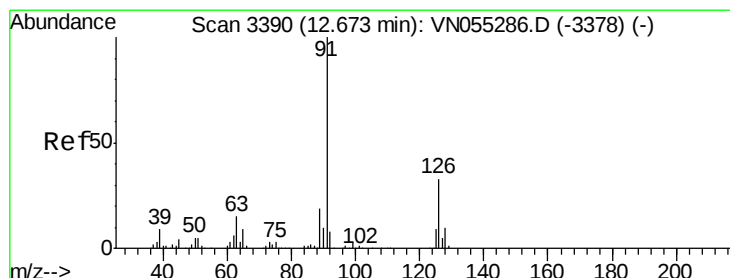
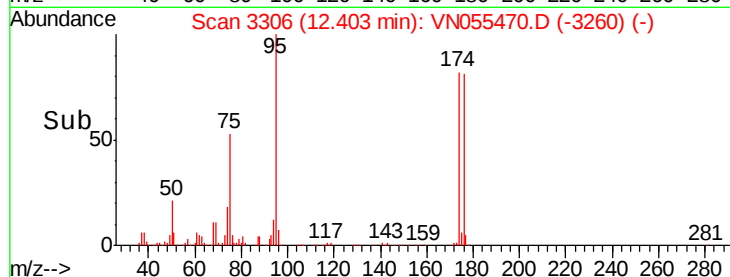
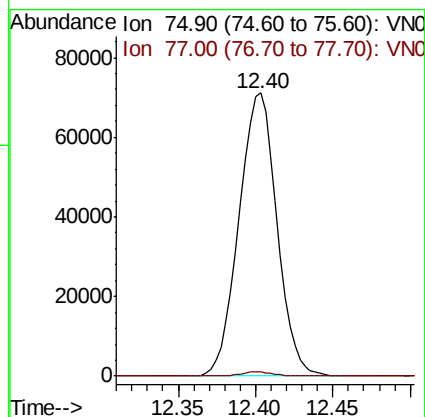
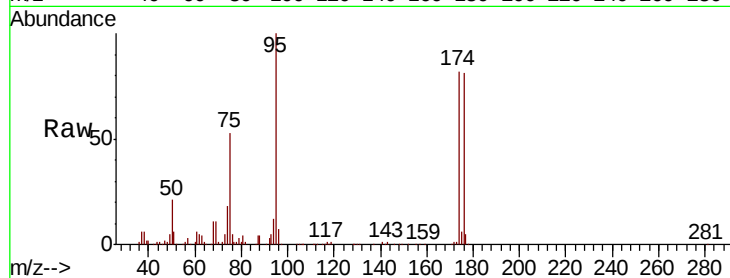
BFB

Tot Ion: 75 Resp: 121528

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.64 min Scan# 3381

Delta R.T. -0.03 min

Lab File: VN055470.D

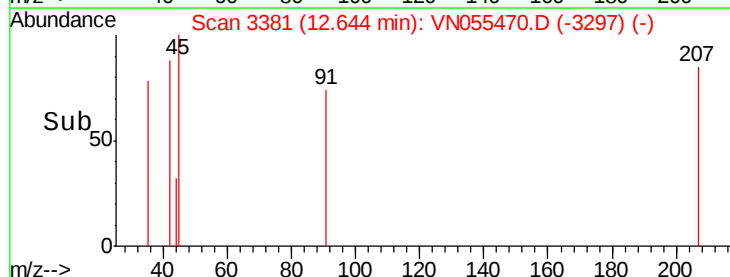
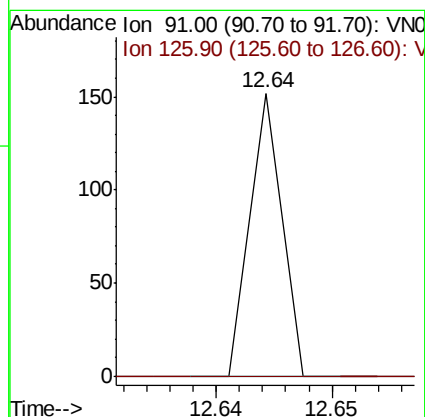
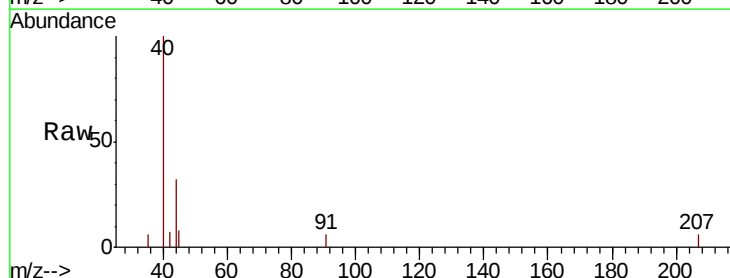
Acq: 8 May 2019 5:46

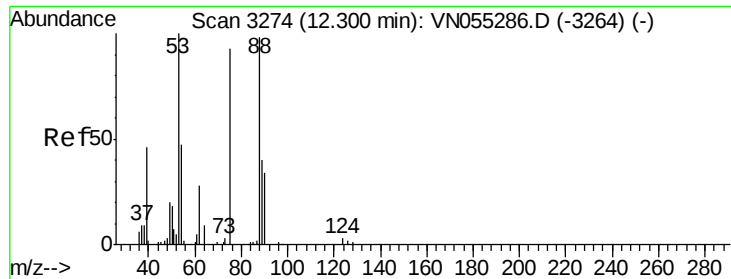
Tgt Ion: 91 Resp: 29

Ion Ratio Lower Upper

91 100

126 0.0 16.6 49.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 136.464 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN055470.D

Acq: 8 May 2019 5:46

Instrument :

MSVOA_N

ClientSampleId :

BFB

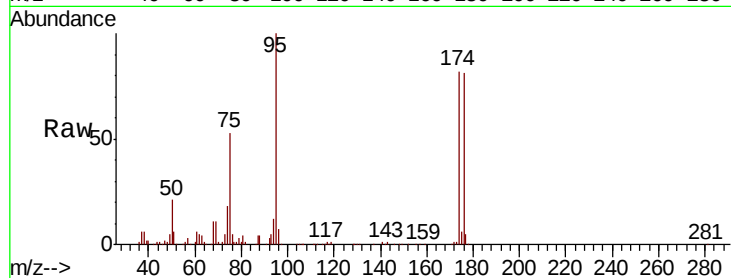
Tot Ion: 75 Resp: 121528

Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

89 0.0 34.6 51.8#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

