

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122218\
 Data File : VN053164.D
 Acq On : 23 Dec 2018 6:06
 Operator : MD\SY
 Sample : J6446-17ME 10X
 Misc : 5.16g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 44 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS022-1824-01ME

Quant Time: Dec 23 23:14:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1262947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1946153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1771407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	753249	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	620212	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.78%		
35) Dibromofluoromethane	7.59	113	528620	59.46	ug/l	0.00
Spiked Amount 50.000			Recovery =	118.92%		
50) Toluene-d8	10.09	98	2387940	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.08%		
62) 4-Bromofluorobenzene	12.40	95	822674	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.20%		

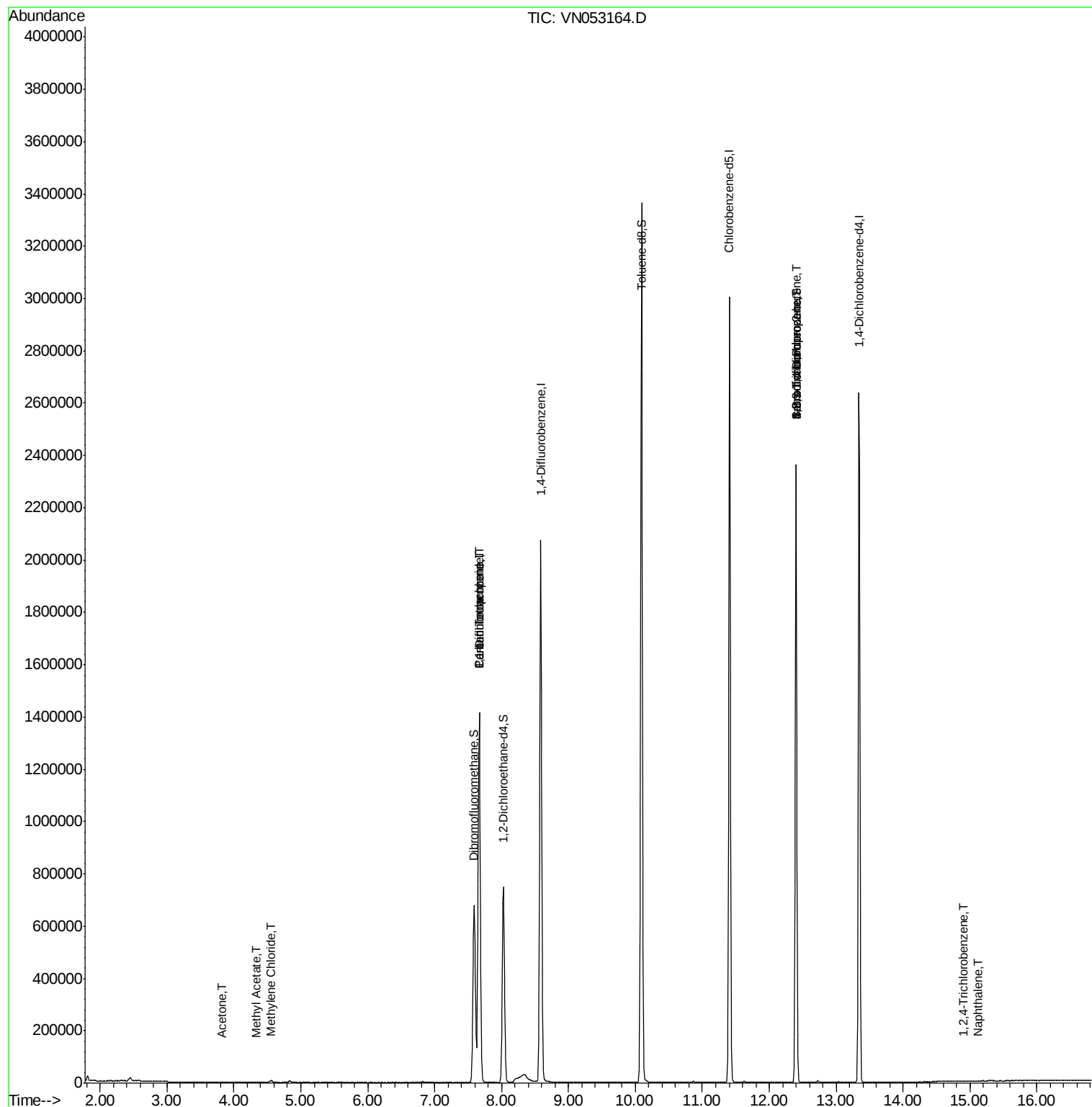
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	1692	0.673	ug/l #	43
18) Methyl Acetate	4.34	43	3520	1.294	ug/l	95
20) Methylene Chloride	4.56	84	5781	0.422	ug/l	96
31) Cyclohexane	7.66	56	20206	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	82555	4.420	ug/l #	49
38) Carbon Tetrachloride	7.67	117	107498	6.278	ug/l #	16
43) Isopropyl Acetate	8.21	43	10268	Below Cal	#	53
71) Bromoform	12.40	173	5052	0.512	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	383714	30.261	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	383714	97.535	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.91	180	64	0.601	ug/l #	12
95) Naphthalene	15.13	128	349	1.158	ug/l #	69

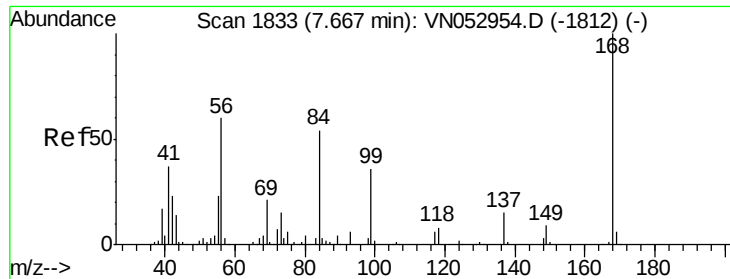
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122218\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053164.D

Acq: 23 Dec 2018 6:06

Instrument :

MSVOA_N

ClientSampleId :

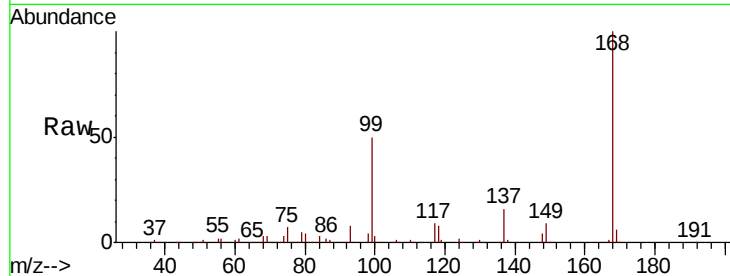
P001-SS022-1824-01ME

Tot Ion:168 Resp: 1262947

Ion Ratio Lower Upper

168 100

99 50.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

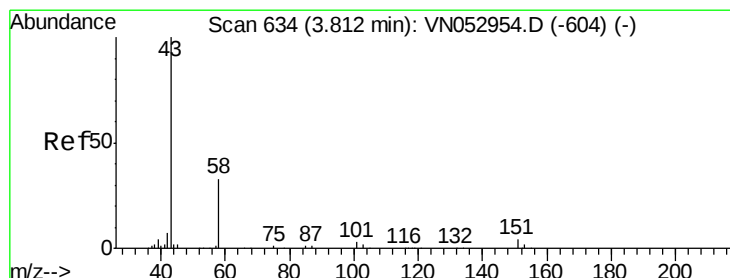
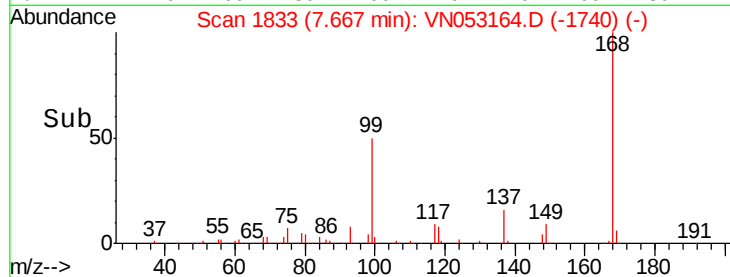
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 0.673 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.02 min

Lab File: VN053164.D

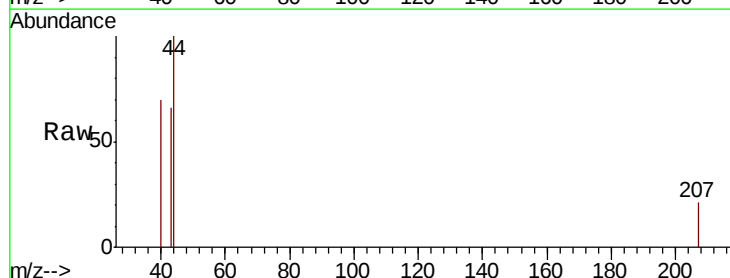
Acq: 23 Dec 2018 6:06

Tgt Ion: 43 Resp: 1692

Ion Ratio Lower Upper

43 100

58 0.0 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

800

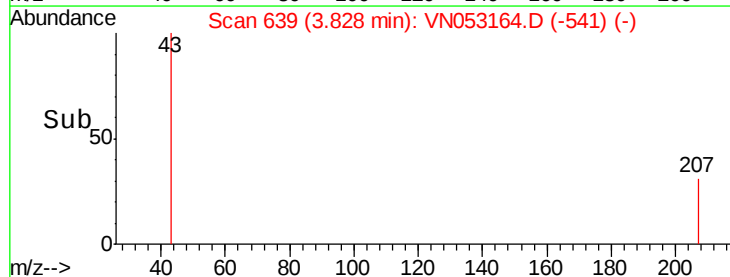
600

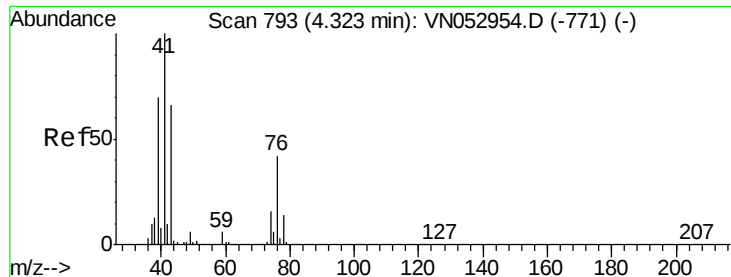
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200

0

Time-->

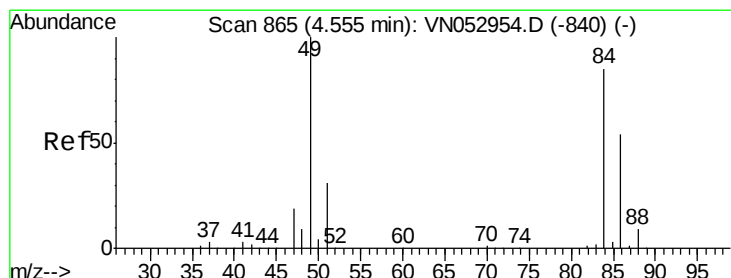
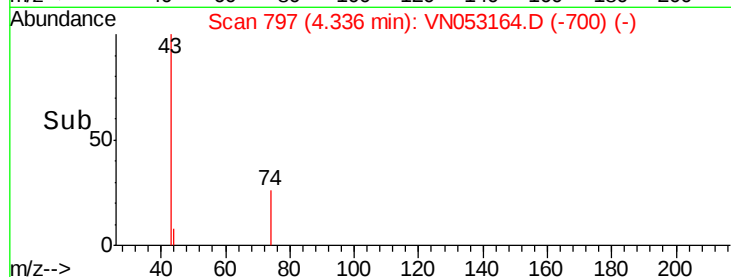
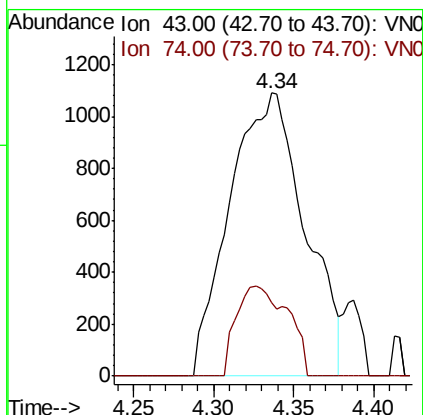
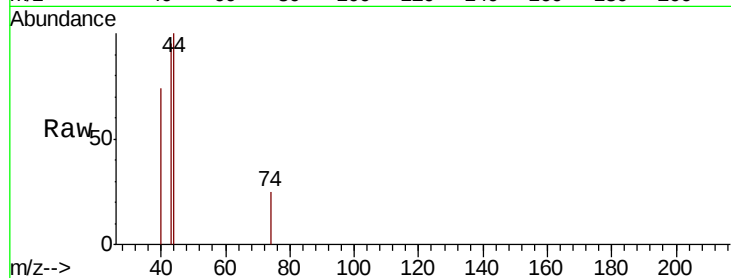




#18
Methyl Acetate
Concen: 1.294 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN053164.D
Acq: 23 Dec 2018 6:06

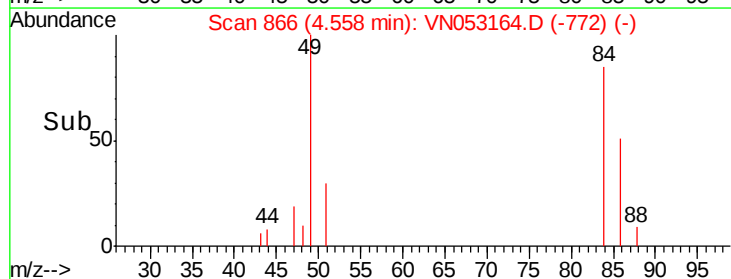
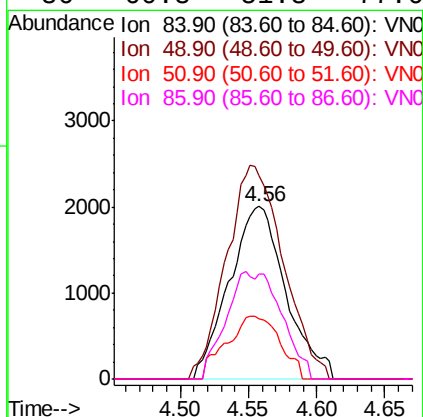
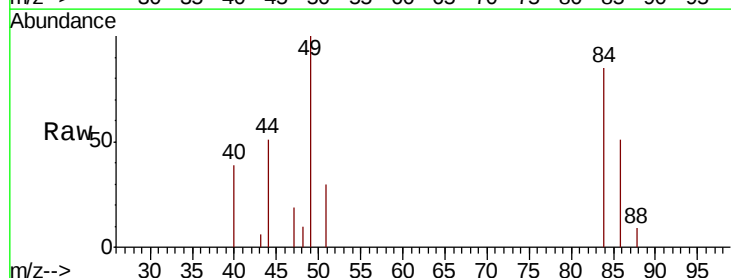
Instrument :
MSVOA_N
ClientSampleId :
P001-SS022-1824-01ME

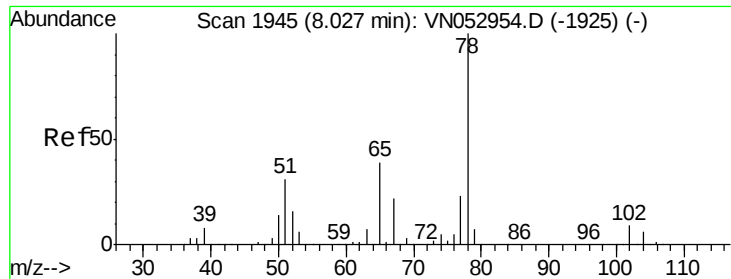
Tot Ion: 43 Resp: 3520
Ion Ratio Lower Upper
43 100
74 21.5 19.2 28.8



#20
Methylene Chloride
Concen: 0.422 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053164.D
Acq: 23 Dec 2018 6:06

Tgt Ion: 84 Resp: 5781
Ion Ratio Lower Upper
84 100
49 118.1 96.8 145.2
51 34.9 29.9 44.9
86 60.8 51.8 77.6

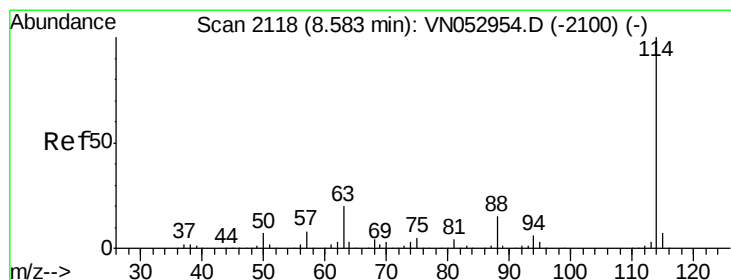
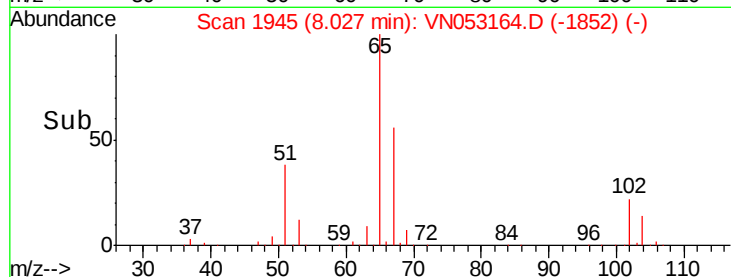
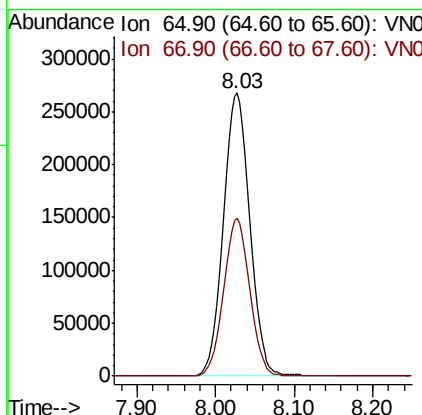
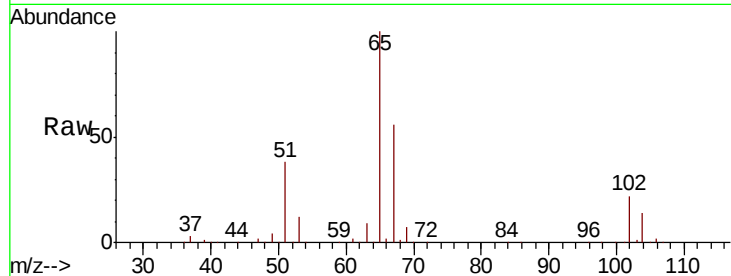




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053164.D
 Acq: 23 Dec 2018 6:06

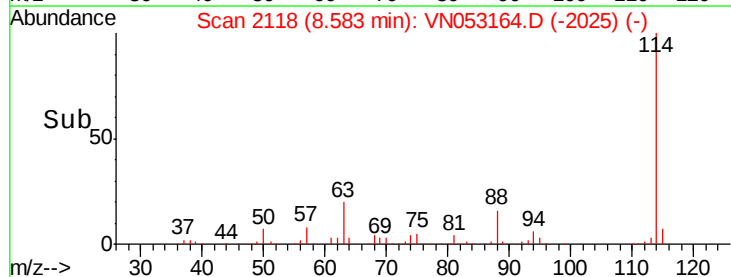
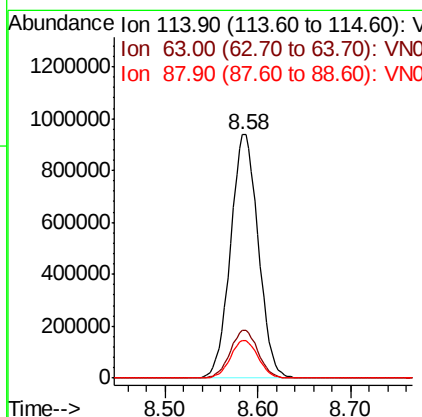
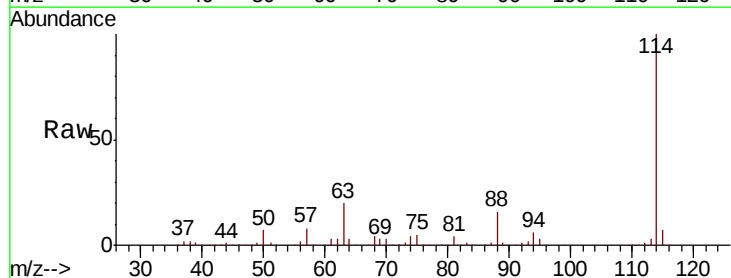
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS022-1824-01ME

Tot Ion: 65 Resp: 620212
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN053164.D
 Acq: 23 Dec 2018 6:06

Tgt Ion: 114 Resp: 1946153
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.5 0.0 31.0

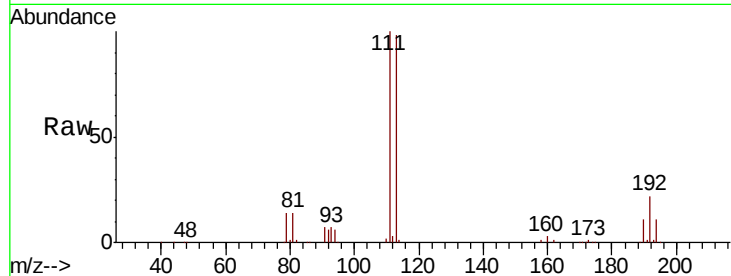




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053164.D
 Acq: 23 Dec 2018 6:06

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS022-1824-01ME

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.0	124.4
192	22.5	17.5	26.3

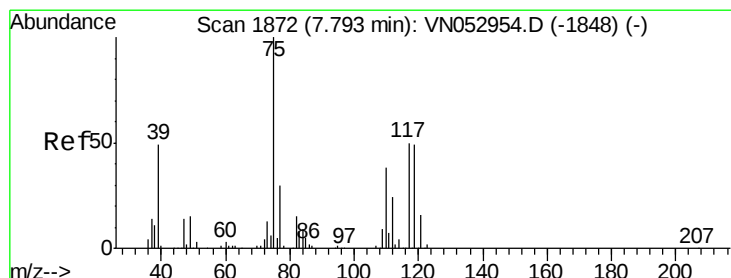
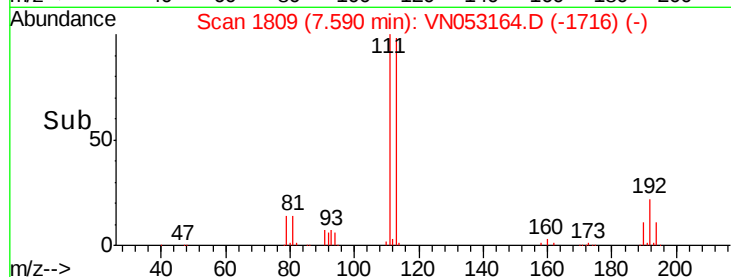
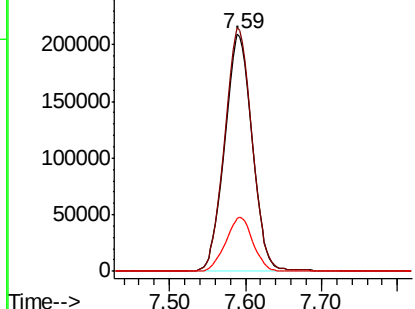


Abundance

Ion 112.80 (112.50 to 113.50): V

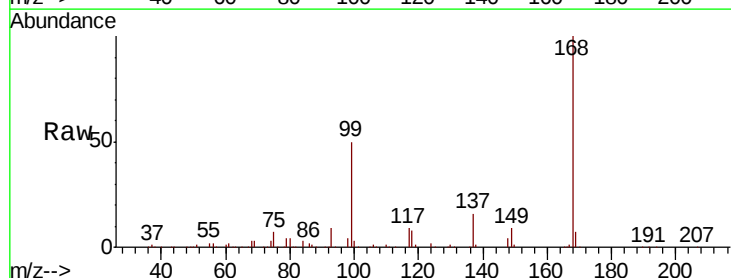
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 4.420 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053164.D
 Acq: 23 Dec 2018 6:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.2	54.6#
77	0.0	24.9	37.3#

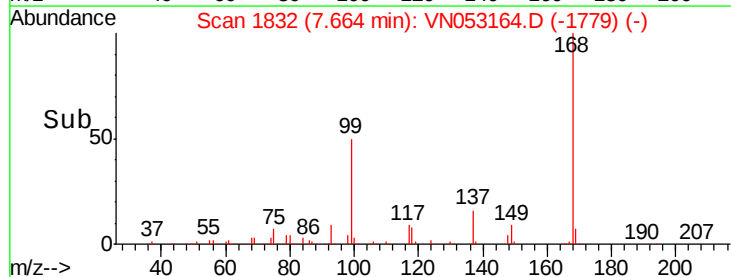
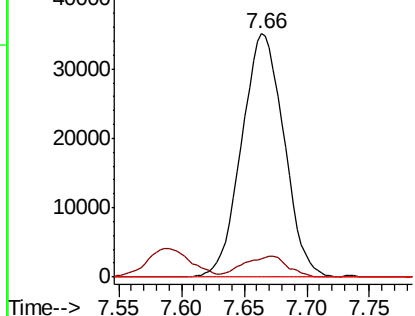


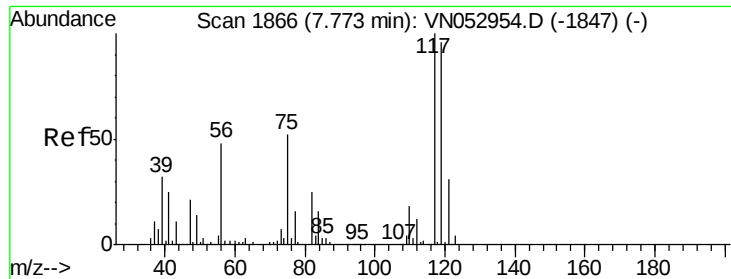
Abundance

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: 6.278 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053164.D

Acq: 23 Dec 2018 6:06

Instrument :

MSVOA_N

ClientSampleId :

P001-SS022-1824-01ME

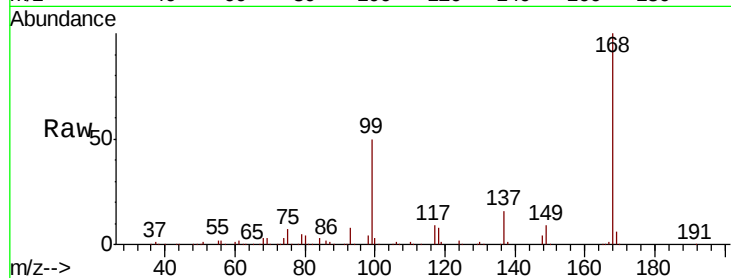
Tot Ion:117 Resp: 107498

Ion Ratio Lower Upper

117 100

119 5.9 77.1 115.7#

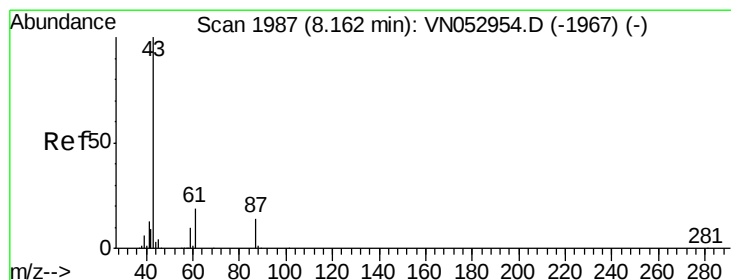
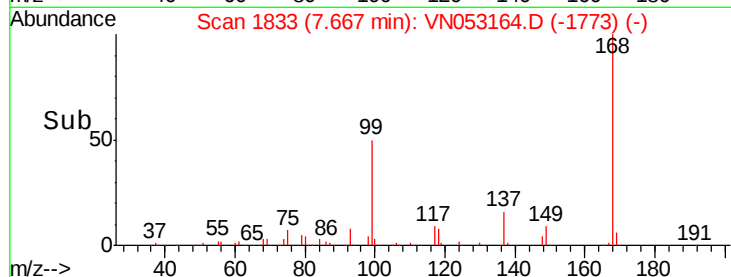
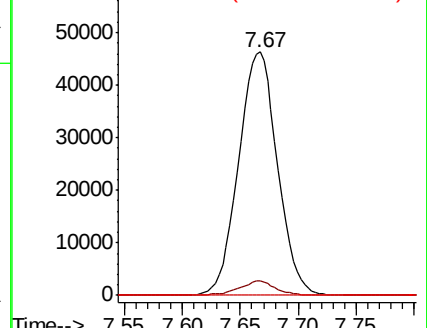
121 0.0 24.9 37.3#



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



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.21 min Scan# 2002

Delta R.T. 0.05 min

Lab File: VN053164.D

Acq: 23 Dec 2018 6:06

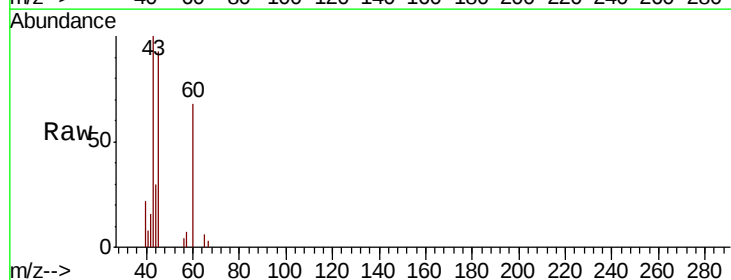
Tgt Ion: 43 Resp: 10268

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

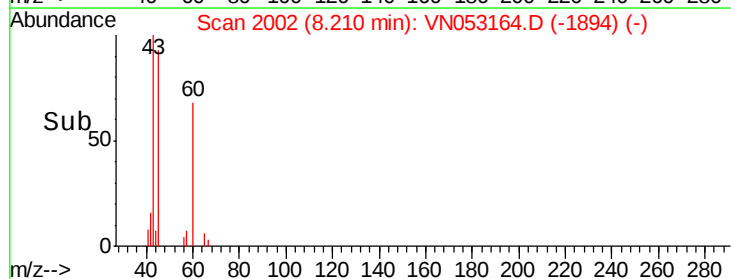
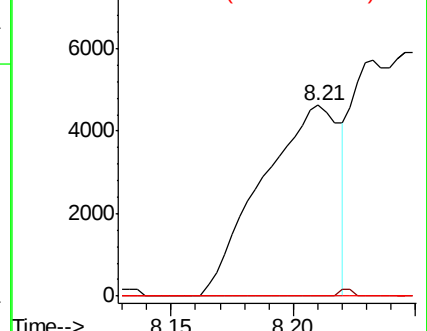
87 0.0 10.6 15.8#

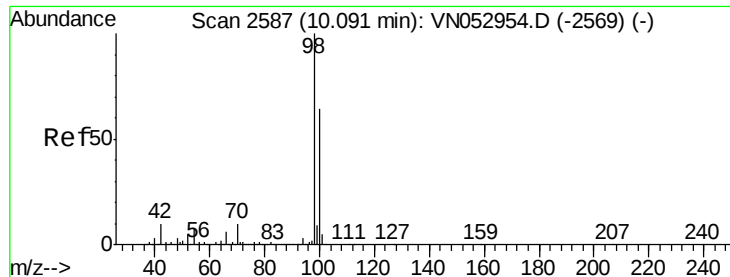


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053164.D

Acq: 23 Dec 2018 6:06

Instrument :

MSVOA_N

ClientSampleId :

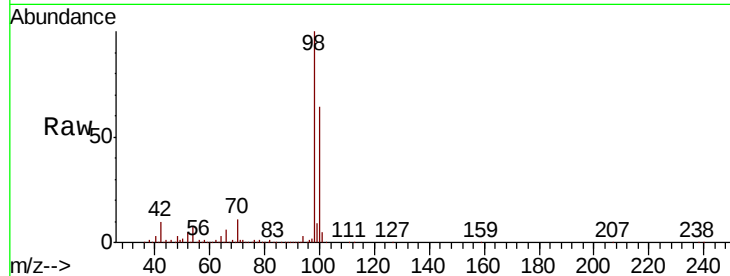
P001-SS022-1824-01ME

Tot Ion: 98 Resp: 2387940

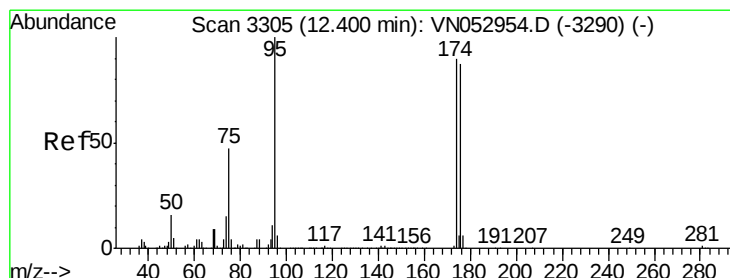
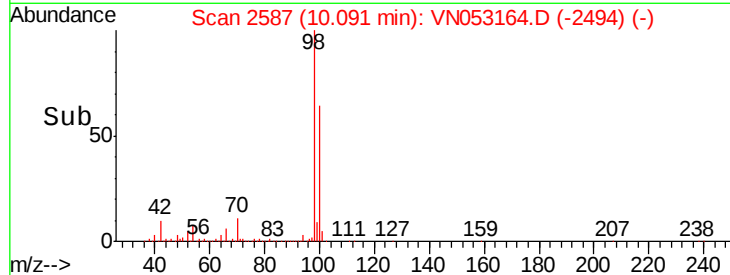
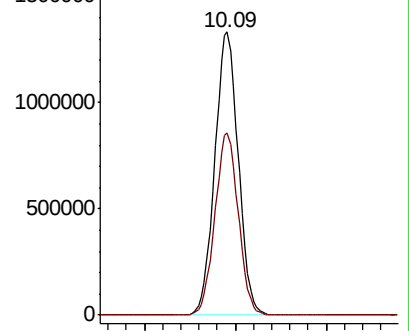
Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN053164.D (-2494) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053164.D

Acq: 23 Dec 2018 6:06

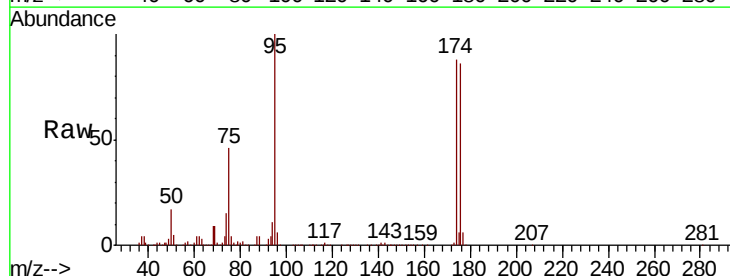
Tgt Ion: 95 Resp: 822674

Ion Ratio Lower Upper

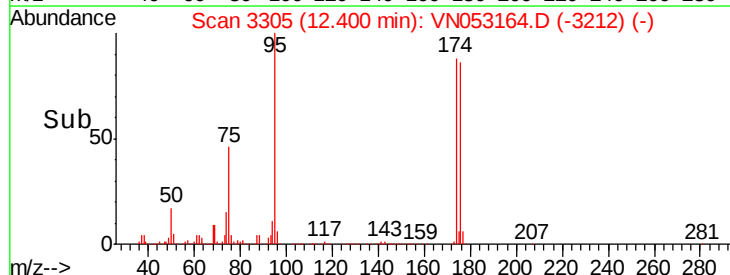
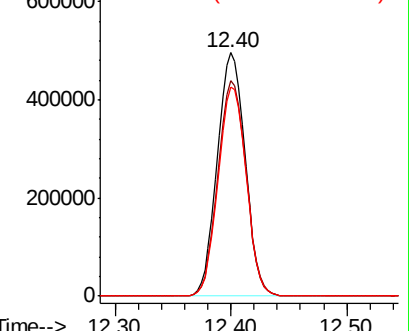
95 100

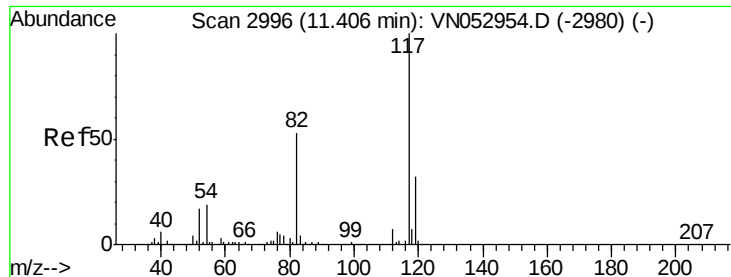
174 89.3 0.0 178.8

176 86.5 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN053164.D (-3212) (-)

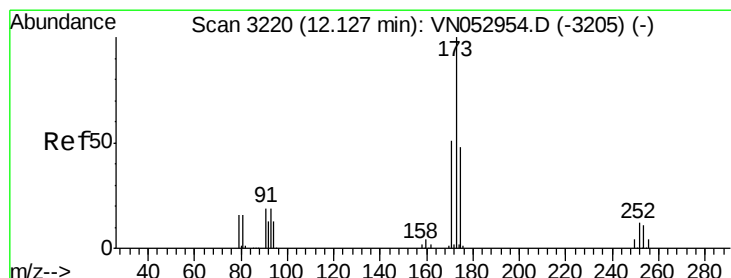
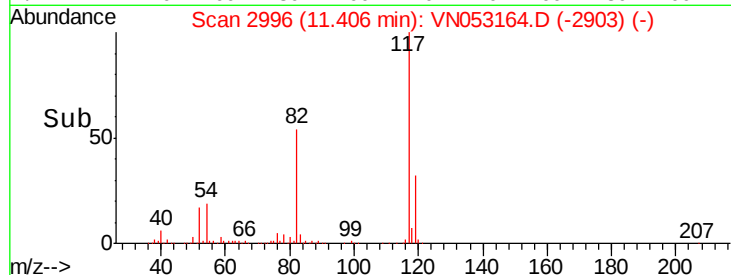
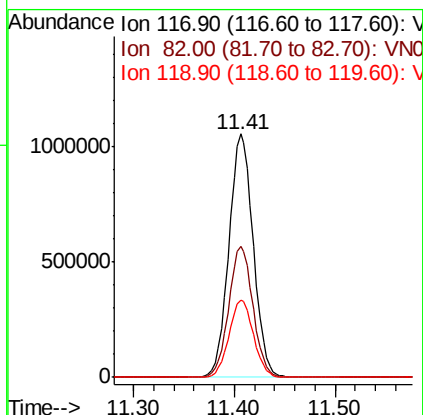
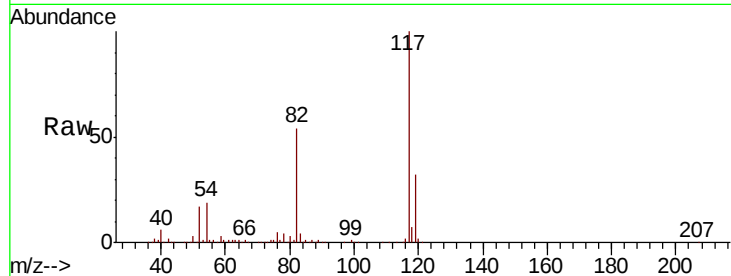




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053164.D
Acq: 23 Dec 2018 6:06

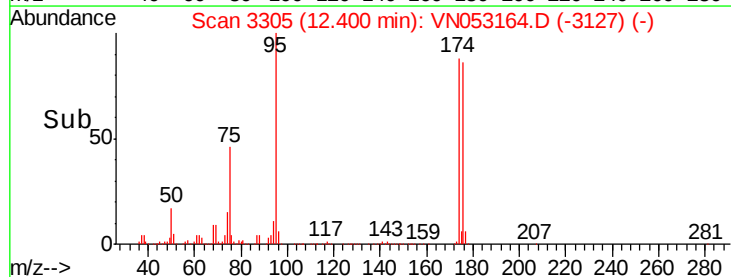
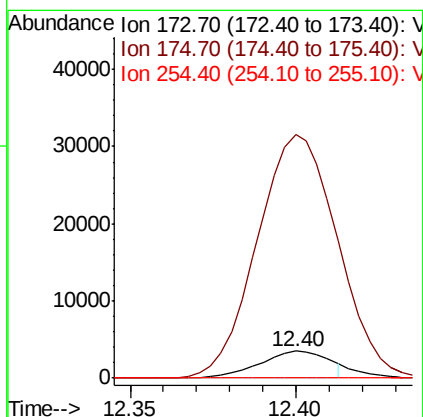
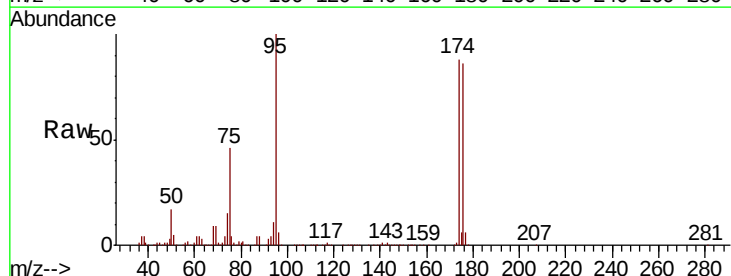
Instrument :
MSVOA_N
ClientSampleId :
P001-SS022-1824-01ME

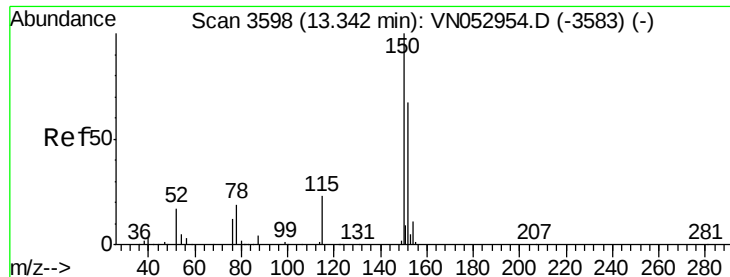
Tot Ion:117 Resp: 1771407
Ion Ratio Lower Upper
117 100
82 53.9 42.8 64.2
119 32.0 25.5 38.3



#71
Bromoform
Concen: 0.512 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053164.D
Acq: 23 Dec 2018 6:06

Tgt Ion:173 Resp: 5052
Ion Ratio Lower Upper
173 100
175 940.2 24.3 72.9#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053164.D

Acq: 23 Dec 2018 6:06

Instrument :

MSVOA_N

ClientSampleId :

P001-SS022-1824-01ME

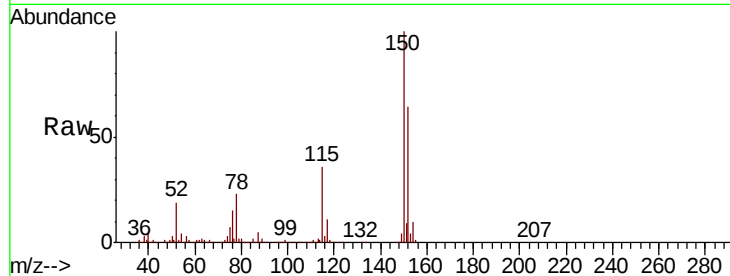
Tot Ion:152 Resp: 753249

Ion Ratio Lower Upper

152 100

115 56.3 28.3 85.0

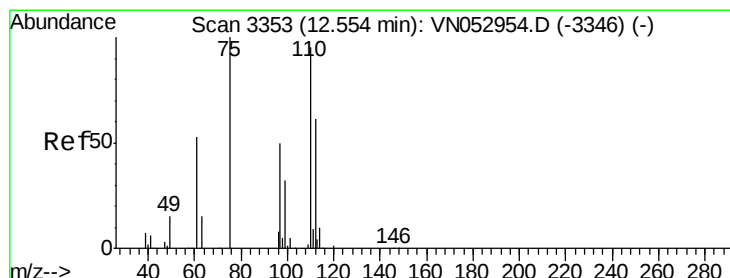
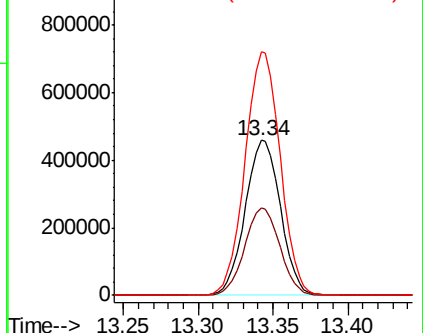
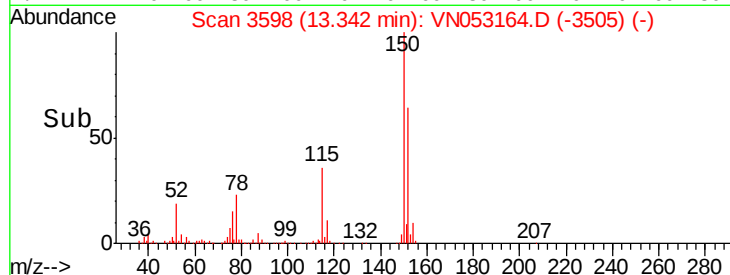
150 156.6 0.0 347.8



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: 30.261 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053164.D

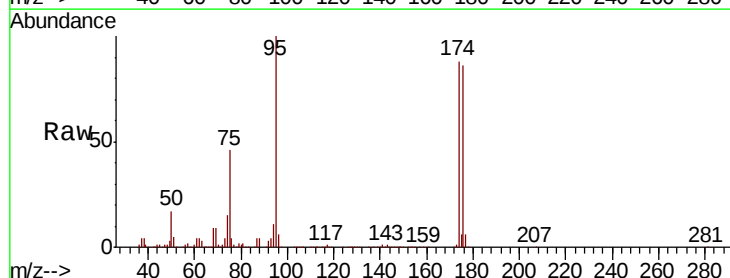
Acq: 23 Dec 2018 6:06

Tgt Ion: 75 Resp: 383714

Ion Ratio Lower Upper

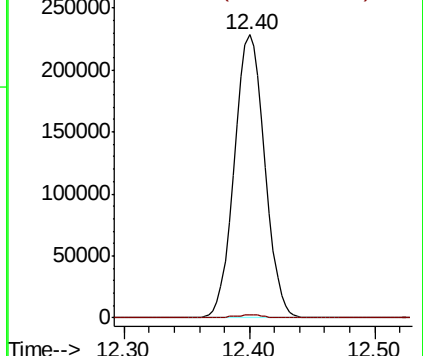
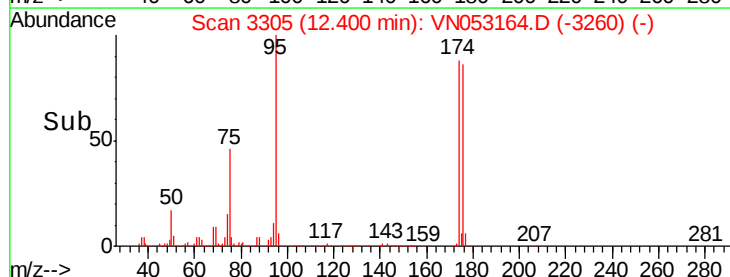
75 100

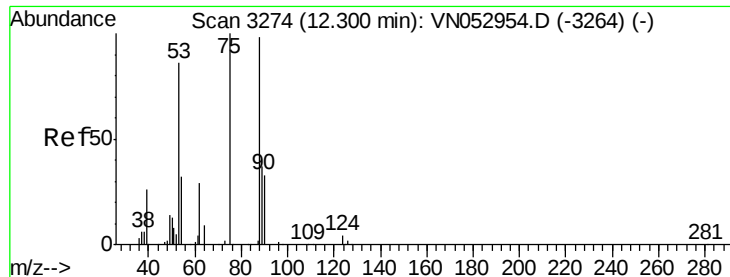
77 1.1 0.0 0.0#



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: 97.535 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053164.D

Acq: 23 Dec 2018 6:06

Instrument :

MSVOA_N

ClientSampleId :

P001-SS022-1824-01ME

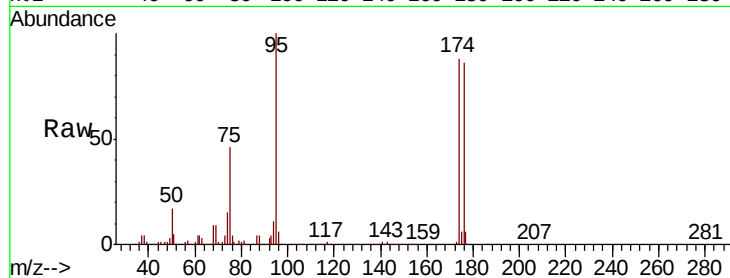
Tot Ion: 75 Resp: 383714

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

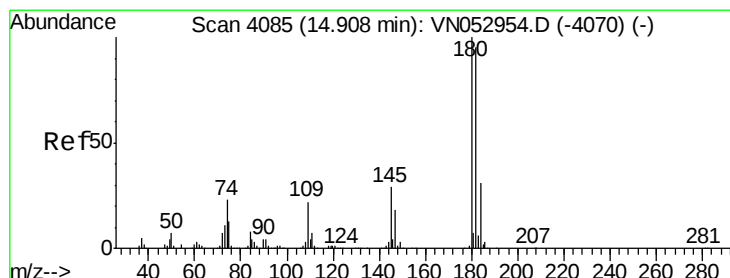
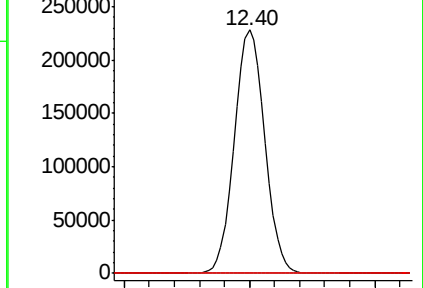
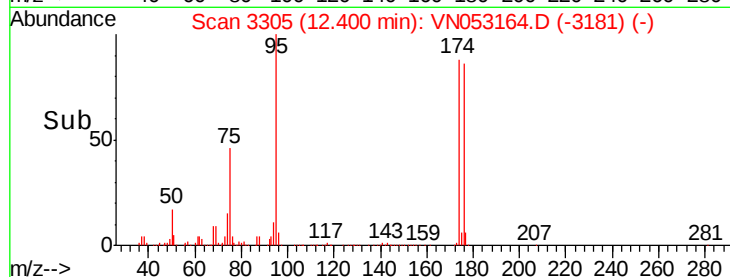
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN052954.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN052954.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN052954.D (-3264) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.601 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN053164.D

Acq: 23 Dec 2018 6:06

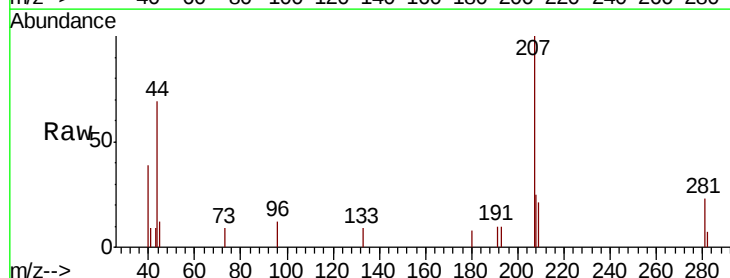
Tgt Ion: 180 Resp: 64

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.3#

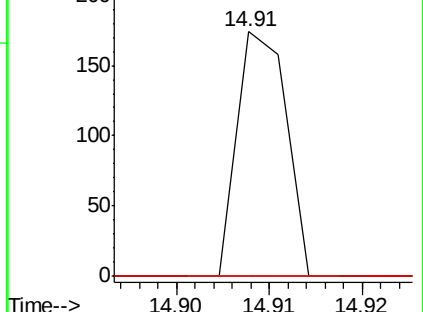
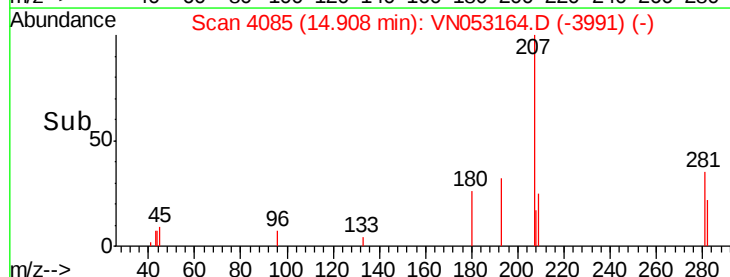
145 0.0 14.2 42.6#

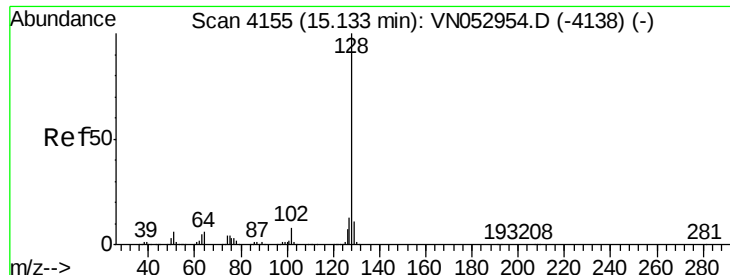


Abundance Ion 179.80 (179.50 to 180.50): VN052954.D (-4070) (-)

Ion 181.80 (181.50 to 182.50): VN052954.D (-4070) (-)

Ion 144.80 (144.50 to 145.50): VN052954.D (-4070) (-)





#95

Naphthalene

Concen: 1.158 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN053164.D

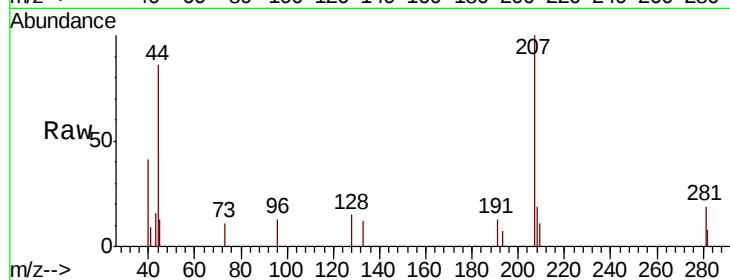
Acq: 23 Dec 2018 6:06

Instrument :

MSVOA_N

ClientSampleId :

P001-SS022-1824-01ME



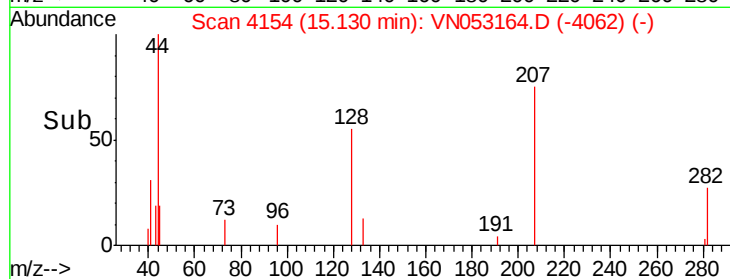
Tot Ion:128 Resp: 349

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

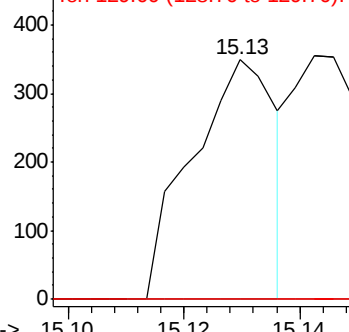
129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->