

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
 Data File : VN049694.D
 Acq On : 3 Jul 2018 15:29
 Operator : MD\SY
 Sample : J3811-05DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 03 23:06:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1329447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2120488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1796011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	837277	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	888259	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	7.59	113	771464	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
50) Toluene-d8	10.09	98	2852555	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
62) 4-Bromofluorobenzene	12.40	95	896855	42.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.66%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	4430	0.24	ug/l	96
13) Acrolein	3.61	56	483	0.51	ug/l #	15
16) Acetone	3.83	43	7344	Below	Cal	100
17) Carbon Disulfide	4.05	76	148637	3.12	ug/l	99
18) Methyl Acetate	4.33	43	39099	Below	Cal	96
20) Methylene Chloride	4.54	84	12743	0.70	ug/l	95
25) 2-Butanone	6.84	43	3689	0.63	ug/l	93
29) Tetrahydrofuran	7.22	42	827	0.22	ug/l #	82
36) 1,1-Dichloropropene	7.67	75	90440	3.79	ug/l #	50
38) Carbon Tetrachloride	7.67	117	117440	5.06	ug/l #	16
43) Isopropyl Acetate	8.27	43	235361	8.03	ug/l #	62
44) Trichloroethene	8.84	130	4914	0.22	ug/l	75
58) 2-Chloroethyl Vinyl ether	9.75	63	137	10.83	ug/l #	48
59) 2-Hexanone	10.76	43	2127	0.24	ug/l	73
60) Dibromochloromethane	10.63	129	6450	0.36	ug/l #	11
64) Tetrachloroethene	10.63	164	7134	0.29	ug/l	97
68) m/p-Xylenes	11.62	106	22475	0.76	ug/l	96
69) o-Xylene	11.95	106	22273	0.78	ug/l	99
73) Isopropylbenzene	12.25	105	71594	1.07	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.56	83	3243	Below	Cal #	25
76) 1,2,3-Trichloropropane	12.40	75	441223	32.86	ug/l #	100
78) n-propylbenzene	12.59	91	225801	2.95	ug/l	100
79) 2-Chlorotoluene	12.66	91	129536	2.68	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.74	105	1021579	18.43	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	441223	111.60	ug/l #	13
82) 4-Chlorotoluene	12.74	91	105559	2.17	ug/l #	40
83) tert-Butylbenzene	13.00	119	16362	0.34	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	3142241	55.18	ug/l	100
85) sec-Butylbenzene	13.04	105	3142241	49.82	ug/l #	56
86) p-Isopropyltoluene	13.29	119	95282	1.74	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	477	Below	Cal #	1
88) 1,4-Dichlorobenzene	13.37	146	1050	Below	Cal #	25
89) n-Butylbenzene	13.62	91	21642	0.46	ug/l #	63
90) Hexachloroethane	13.89	117	14504	2.53	ug/l #	4

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Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration

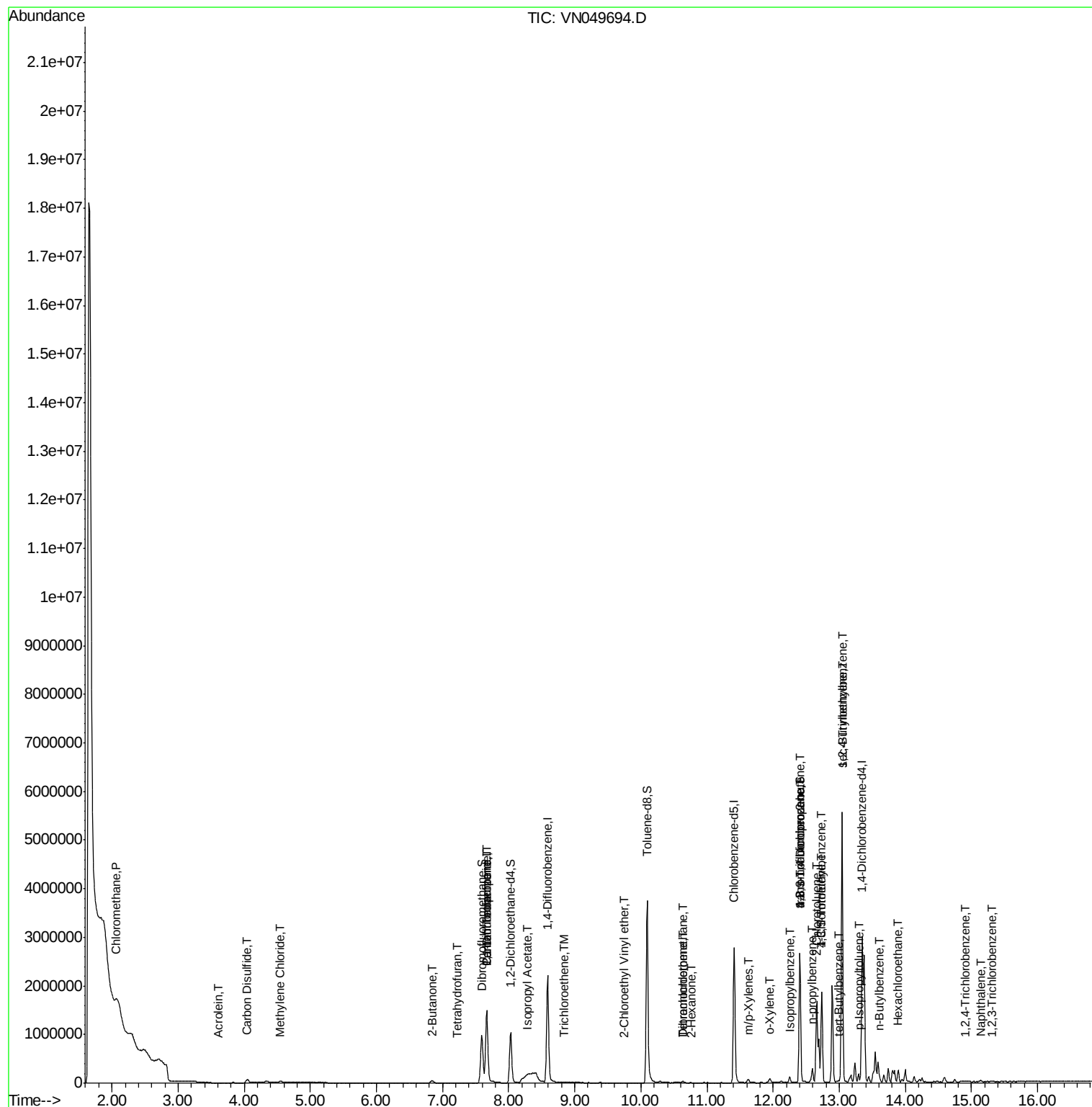
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.66	146	553	Below Cal		89
92) 1,2-Dibromo-3-Chloropropan	14.29	75	172	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	499	2.44	ug/l #	10
95) Naphthalene	15.14	128	22598	4.65	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.32	180	479	1.68	ug/l #	40

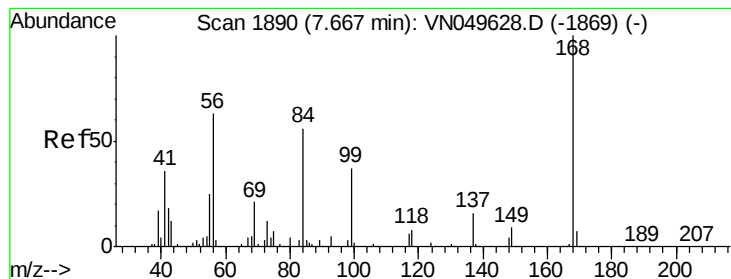
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070318\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049694.D

Acq: 3 Jul 2018 15:29

Instrument :

MSVOA_N

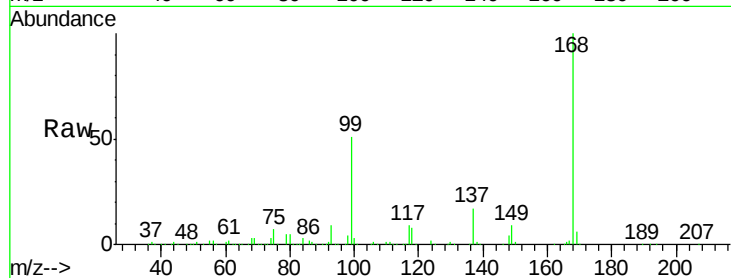
ClientSampled :

Tot Ion:168 Resp: 1329447

Ion Ratio Lower Upper

168 100

99 51.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

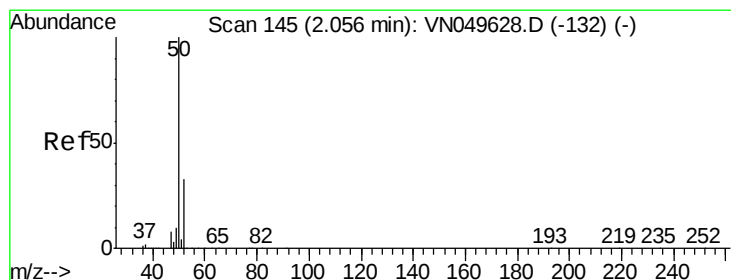
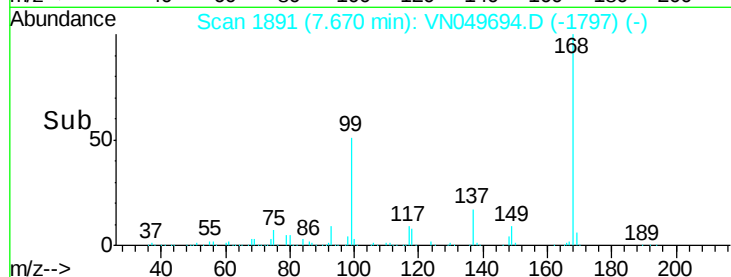
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.24 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049694.D

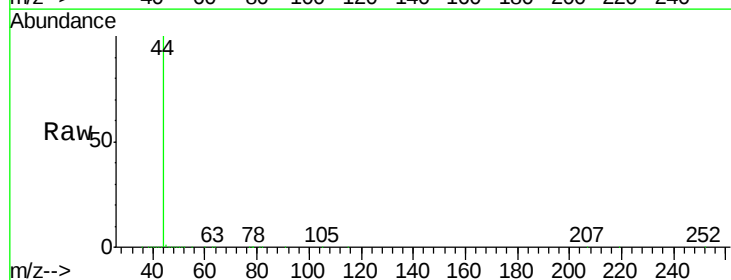
Acq: 3 Jul 2018 15:29

Tgt Ion: 50 Resp: 4430

Ion Ratio Lower Upper

50 100

52 30.2 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

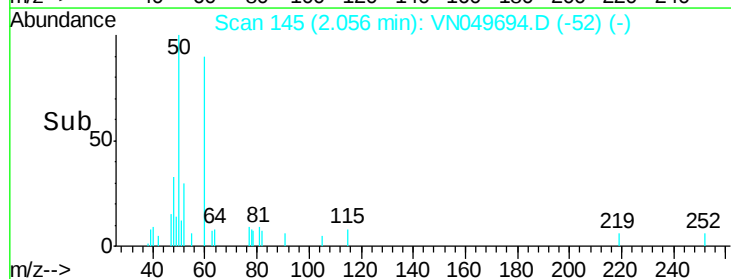
3000

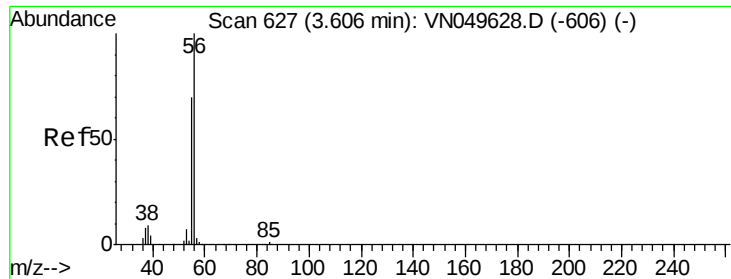
2000

1000

0

Time-->





#13

Acrolein

Concen: 0.51 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN049694.D

Acq: 3 Jul 2018 15:29

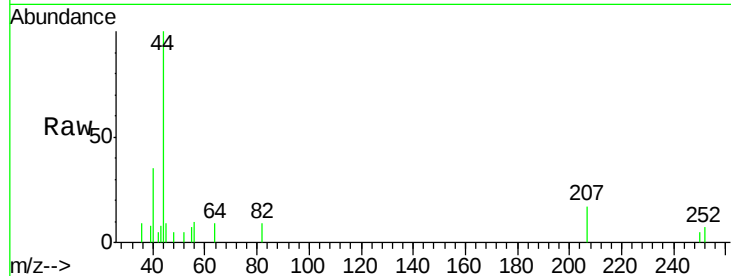
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 483

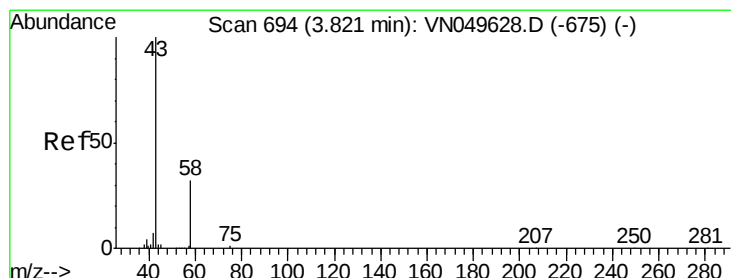
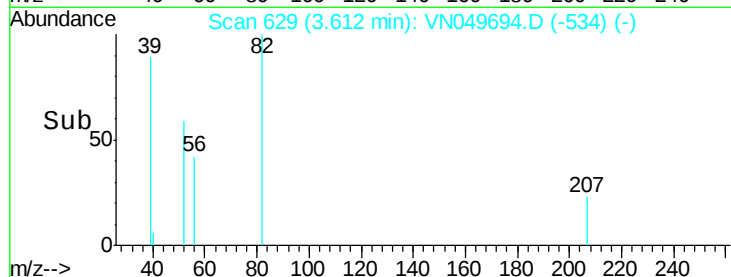
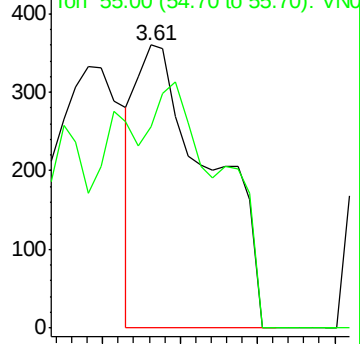
Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VN049628.D (-606) (-)



#16

Acetone

Concen: Below Cal

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049694.D

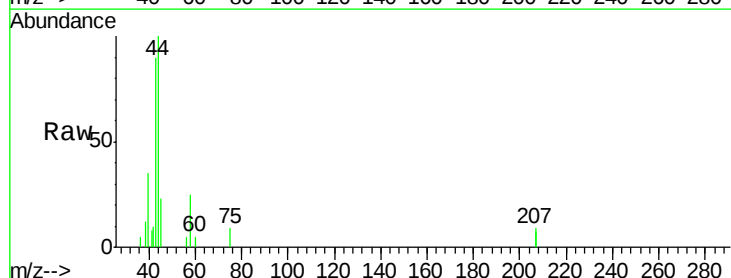
Acq: 3 Jul 2018 15:29

Tgt Ion: 43 Resp: 7344

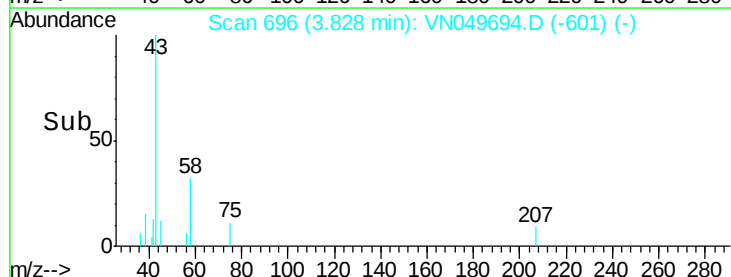
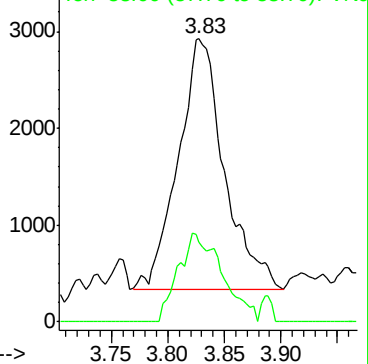
Ion Ratio Lower Upper

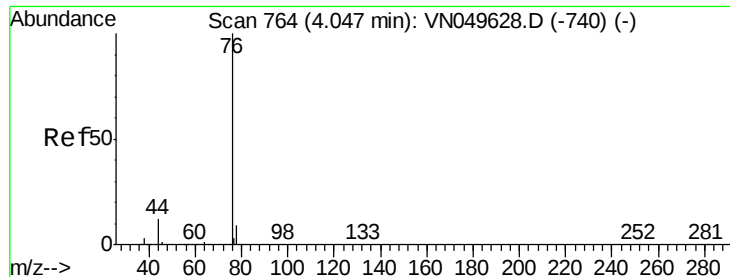
43 100

58 32.1 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-675) (-)

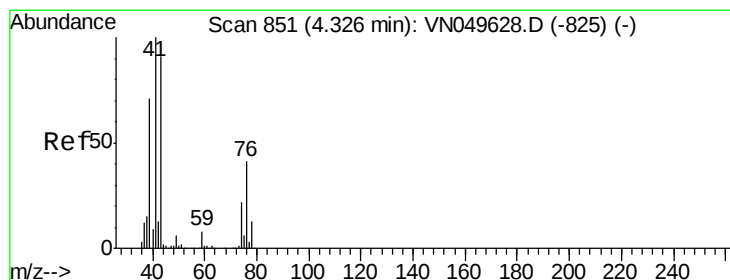
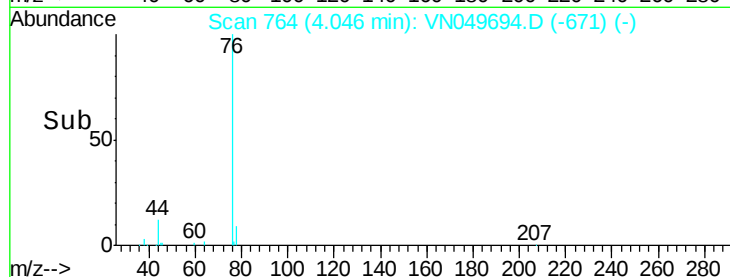
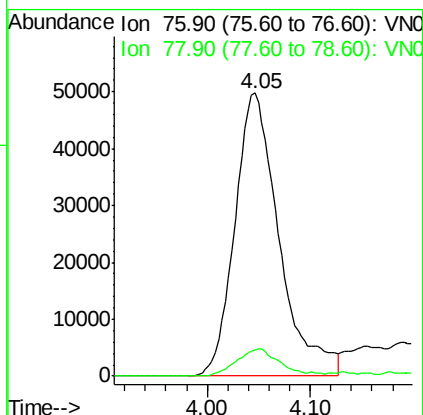
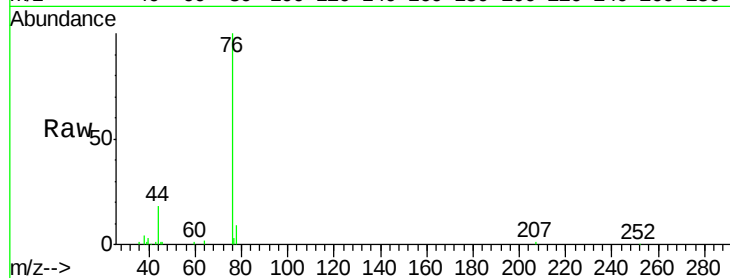




#17
Carbon Disulfide
Concen: 3.12 ug/l
RT: 4.05 min Scan# 764
Delta R.T. 0.00 min
Lab File: VN049694.D
Acq: 3 Jul 2018 15:29

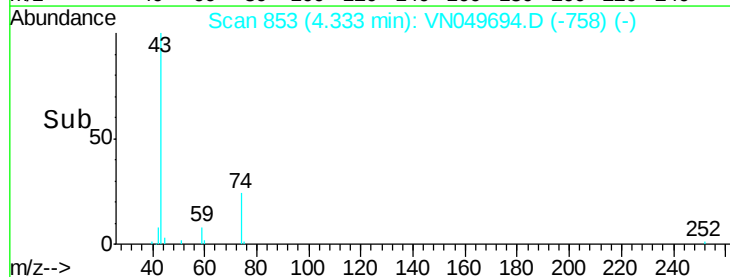
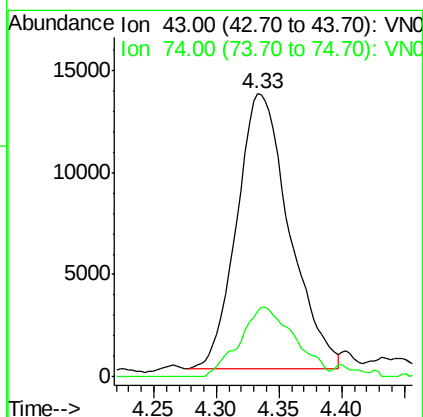
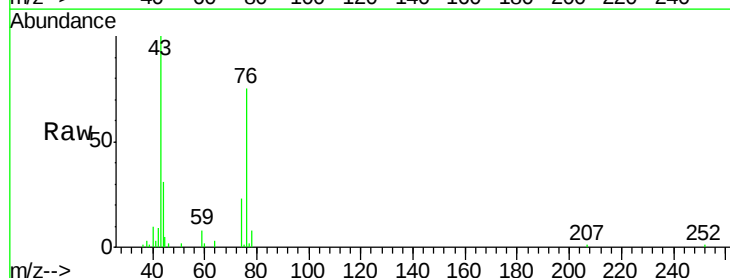
Instrument :
MSVOA_N
ClientSampled :

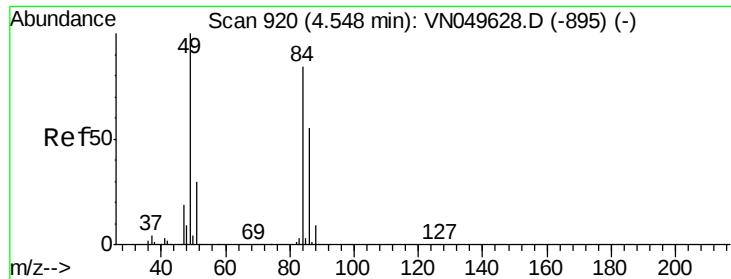
Tot Ion: 76 Resp: 148637
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049694.D
Acq: 3 Jul 2018 15:29

Tgt Ion: 43 Resp: 39099
Ion Ratio Lower Upper
43 100
74 26.6 19.8 29.8

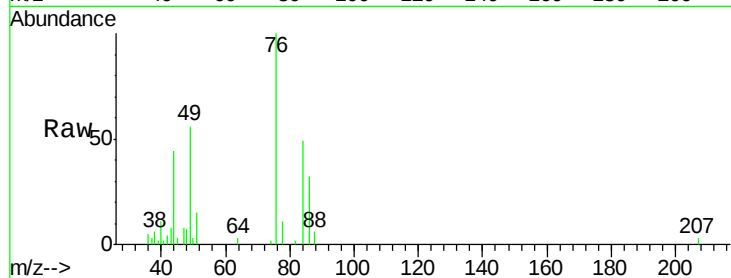




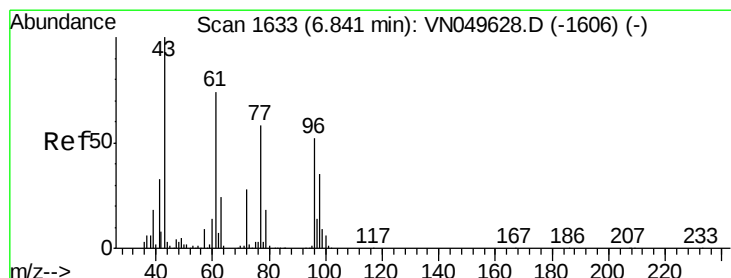
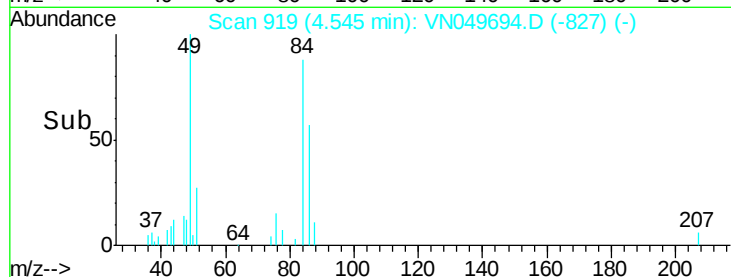
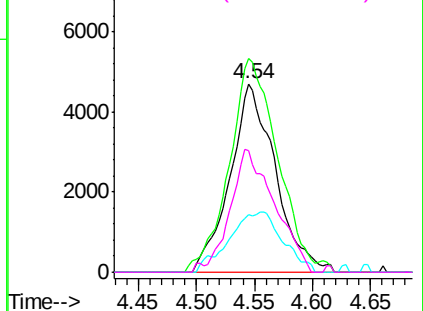
#20
Methvlene Chloride
Concen: 0.70 ug/l
RT: 4.54 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN049694.D
Acq: 3 Jul 2018 15:29

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 12743
Ion Ratio Lower Upper
84 100
49 113.2 95.4 143.2
51 30.2 28.4 42.6
86 64.1 52.6 79.0

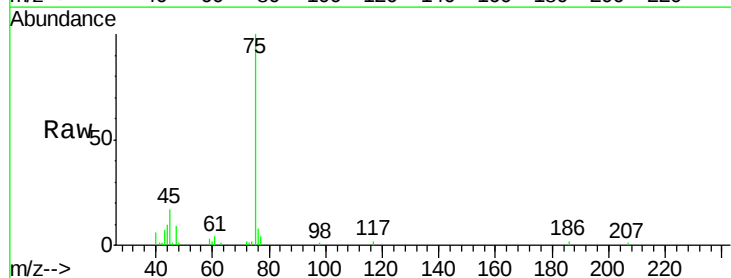


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

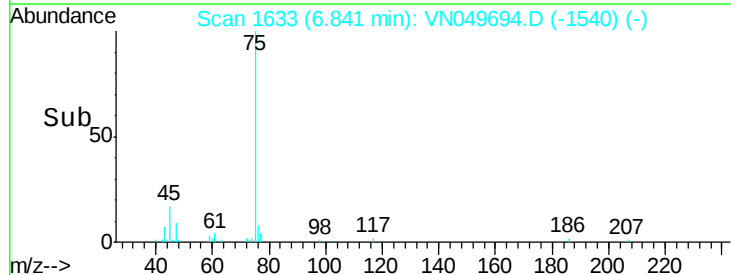
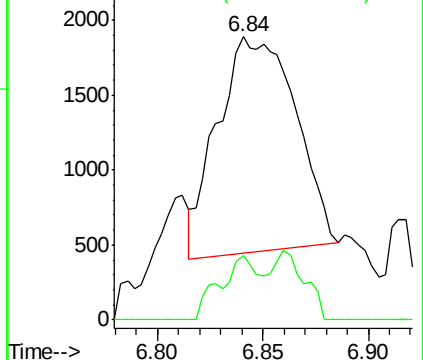


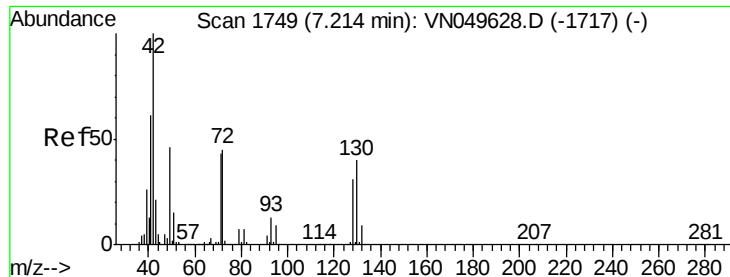
#25
2-Butanone
Concen: 0.63 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VN049694.D
Acq: 3 Jul 2018 15:29

Tgt Ion: 43 Resp: 3689
Ion Ratio Lower Upper
43 100
72 31.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

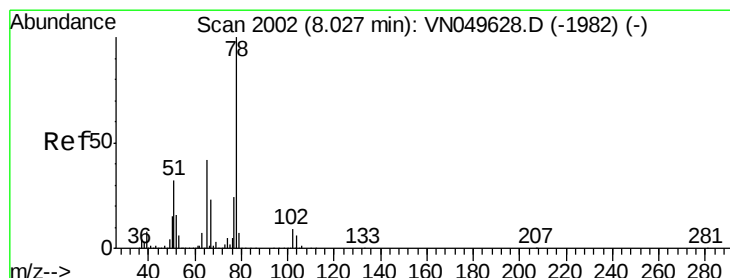
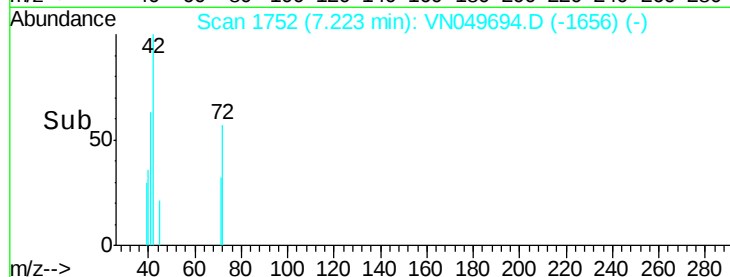
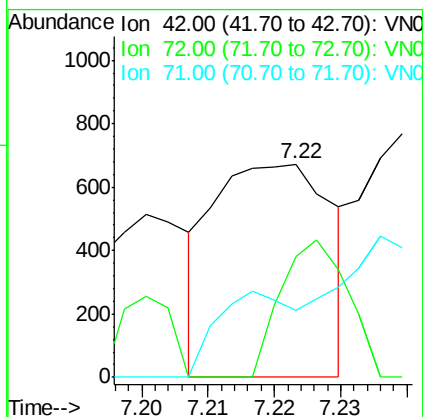
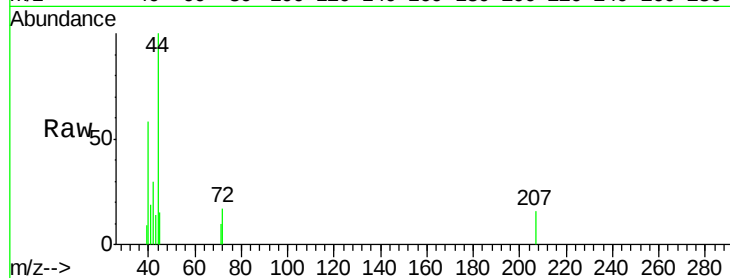




#29
Tetrahydrofuran
Concen: 0.22 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.01 min
Lab File: VN049694.D
Acq: 3 Jul 2018 15:29

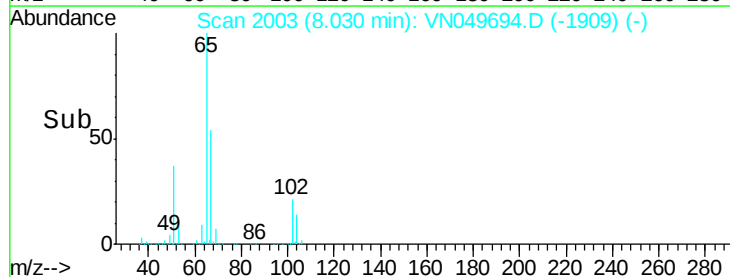
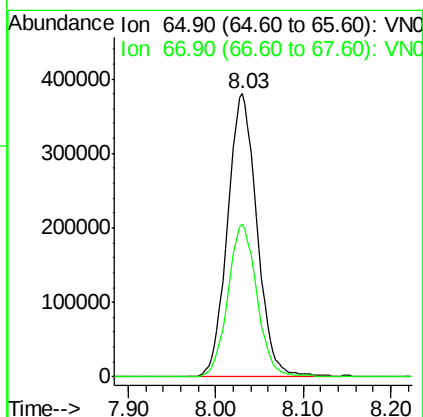
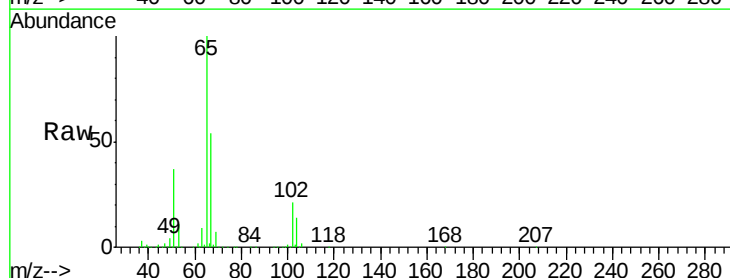
Instrument :
MSVOA_N
ClientSampled :

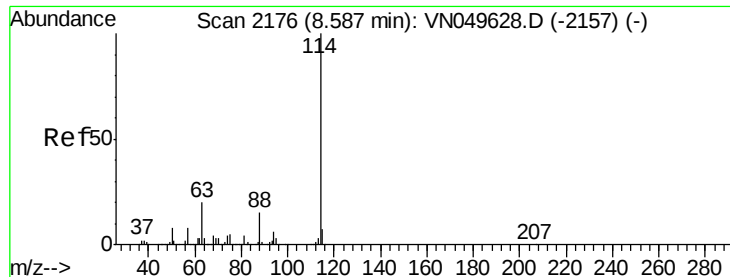
Tot Ion: 42 Resp: 827
Ion Ratio Lower Upper
42 100
72 37.0 35.6 53.4
71 26.1 34.0 51.0#



#33
1,2-Dichloroethane-d4
Concen: 50.59 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049694.D
Acq: 3 Jul 2018 15:29

Tgt Ion: 65 Resp: 888259
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.2

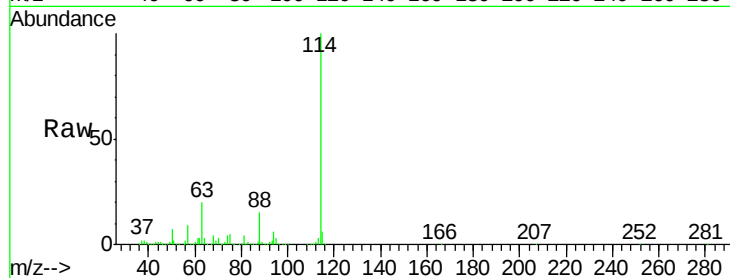




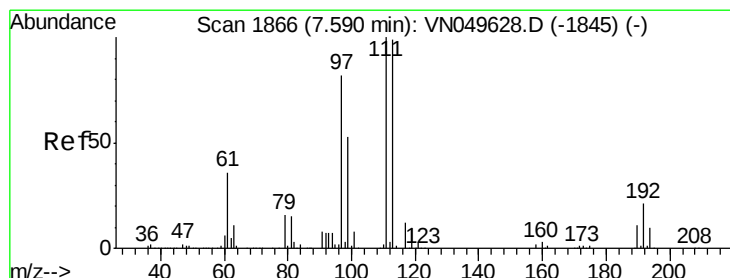
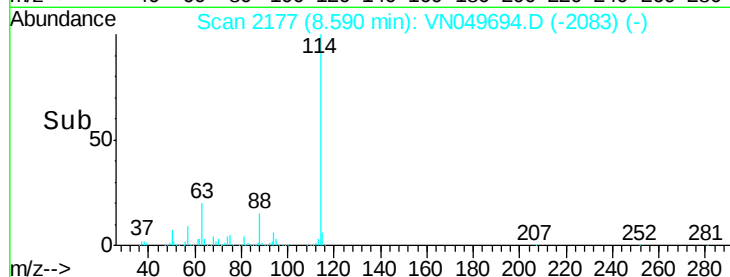
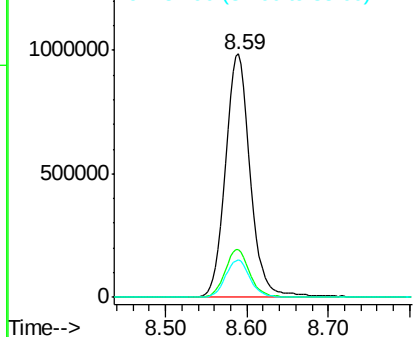
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049694.D
 Acq: 3 Jul 2018 15:29

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 2120488
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.3 0.0 30.6

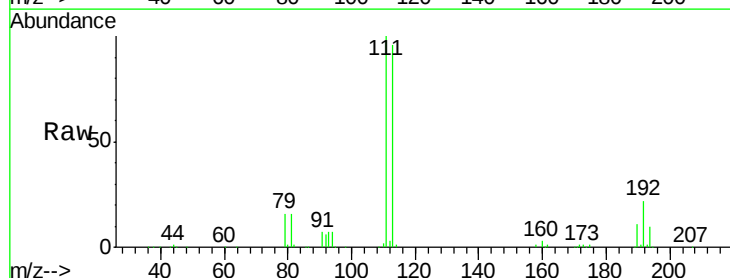


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

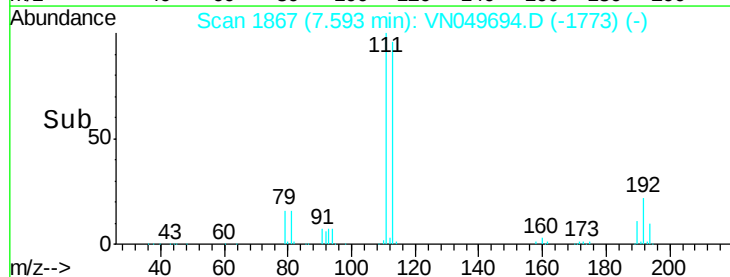
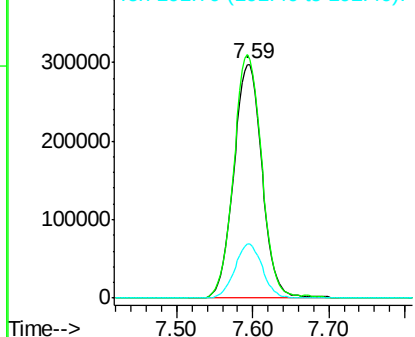


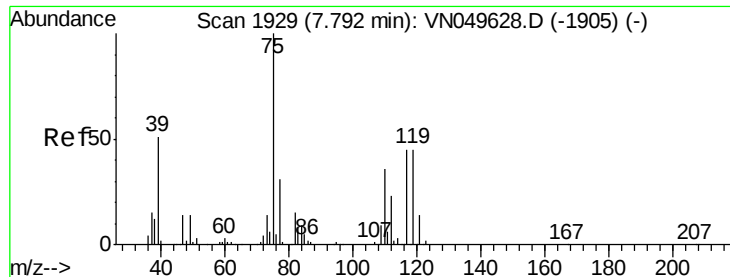
#35
 Dibromofluoromethane
 Concen: 48.66 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049694.D
 Acq: 3 Jul 2018 15:29

Tgt Ion:113 Resp: 771464
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.8 122.8
 192 22.5 17.8 26.6



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

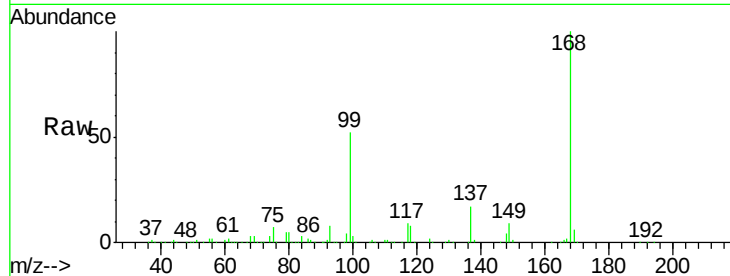




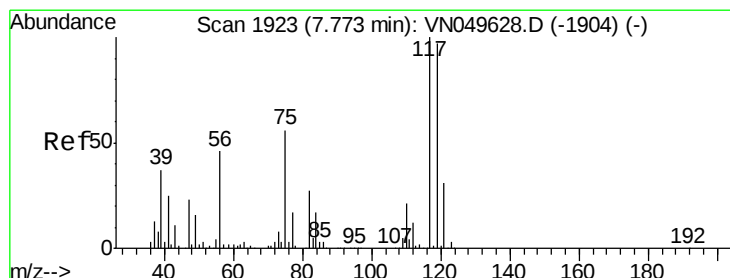
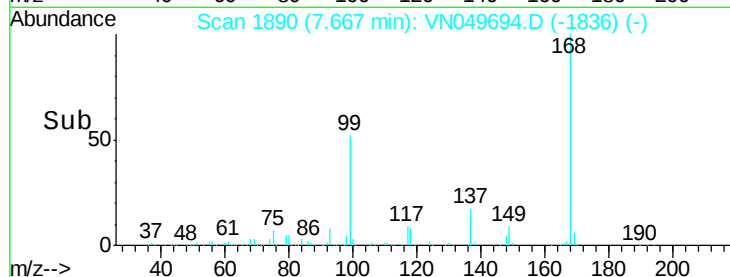
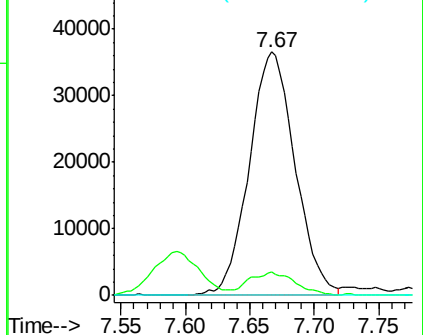
#36
 1,1-Dichloropropene
 Concen: 3.79 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049694.D
 Acq: 3 Jul 2018 15:29

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 75 Resp: 90440
 Ion Ratio Lower Upper
 75 100
 110 9.7 18.1 54.4#
 77 0.0 24.9 37.3#

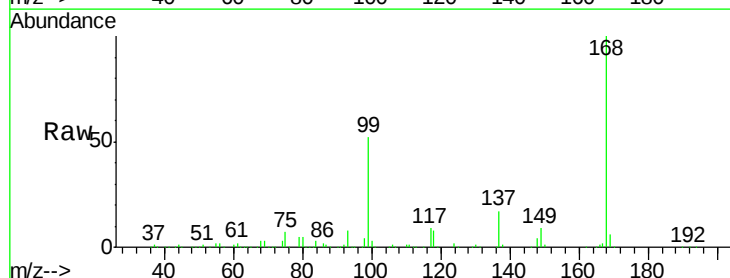


Abundance Ion 74.90 (74.60 to 75.60): VN049628.D (-1905) (-)
 Ion 109.90 (109.60 to 110.60): VN049628.D (-1905) (-)
 Ion 76.90 (76.60 to 77.60): VN049628.D (-1905) (-)

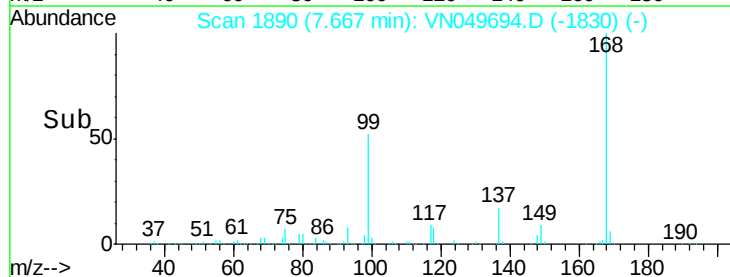
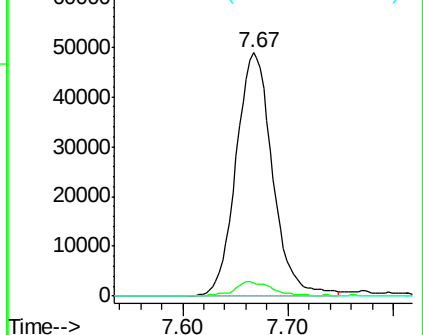


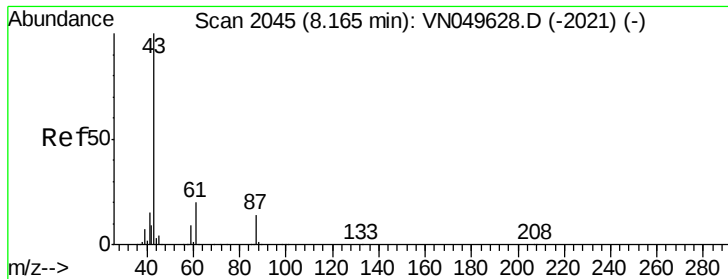
#38
 Carbon Tetrachloride
 Concen: 5.06 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN049694.D
 Acq: 3 Jul 2018 15:29

Tgt Ion: 117 Resp: 117440
 Ion Ratio Lower Upper
 117 100
 119 5.2 77.2 115.8#
 121 0.0 25.0 37.6#



Abundance Ion 116.80 (116.50 to 117.50): VN049628.D (-1904) (-)
 Ion 118.80 (118.50 to 119.50): VN049628.D (-1904) (-)
 Ion 120.80 (120.50 to 121.50): VN049628.D (-1904) (-)



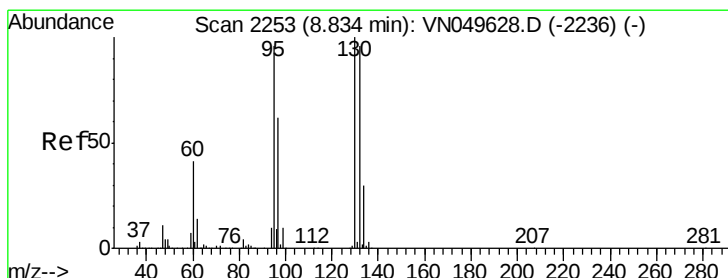
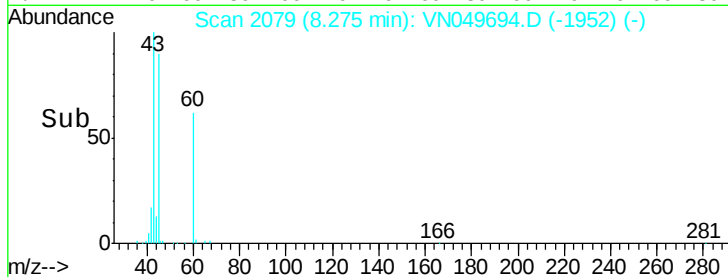
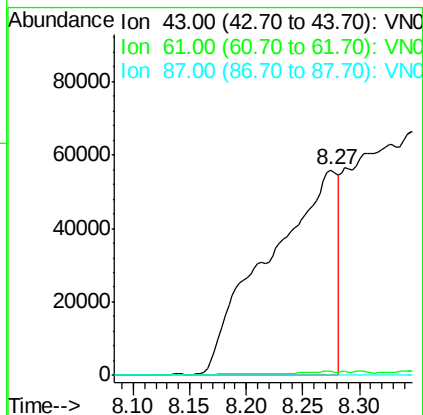
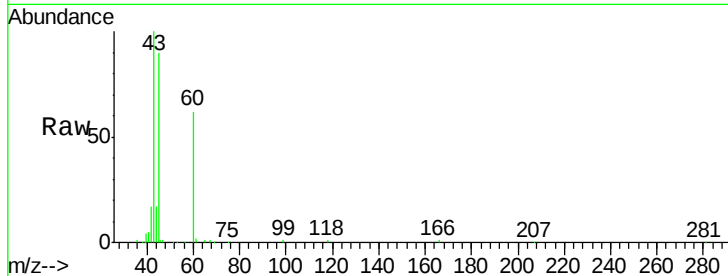


#43

Isopropyl Acetate
 Concen: 8.03 ug/l
 RT: 8.27 min Scan# 2079
 Delta R.T. 0.11 min
 Lab File: VN049694.D
 Acq: 3 Jul 2018 15:29

Instrument :
 MSVOA_N
 ClientSampleId :

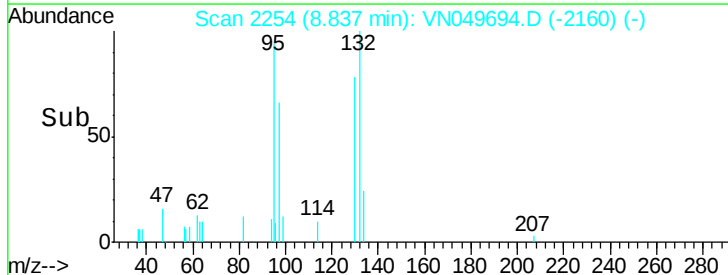
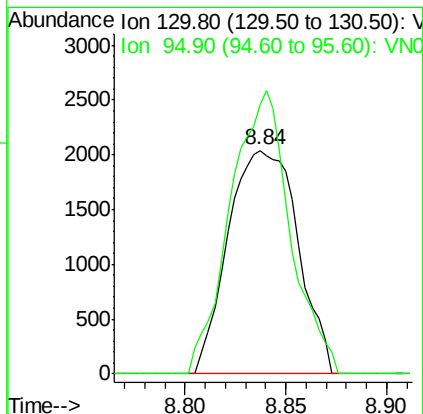
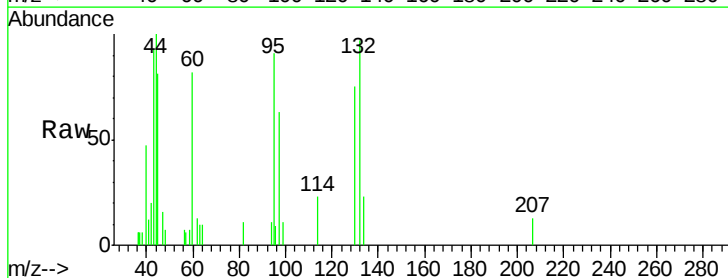
Tot Ion	43	Resp	235361
Ion Ratio	100		
Lower	14.9		
Upper	22.3		

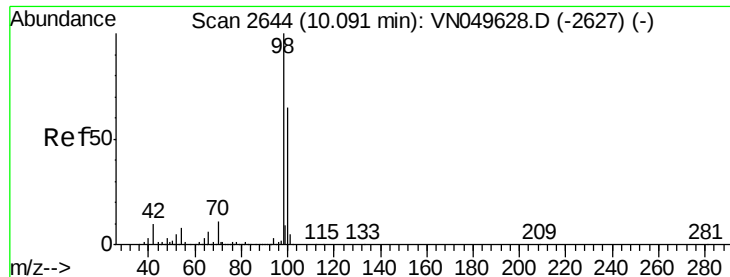


#44

Trichloroethene
 Concen: 0.22 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VN049694.D
 Acq: 3 Jul 2018 15:29

Tgt Ion	130	Resp	4914
Ion Ratio	100		
Lower	0.0		
Upper	192.8		

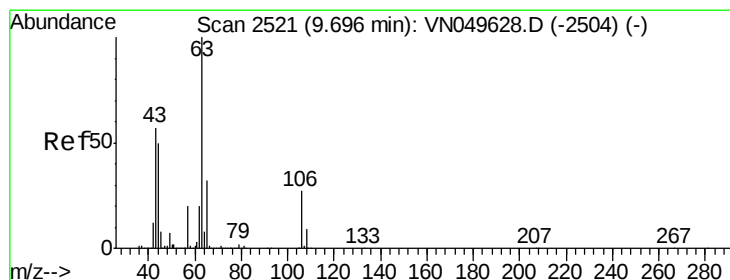
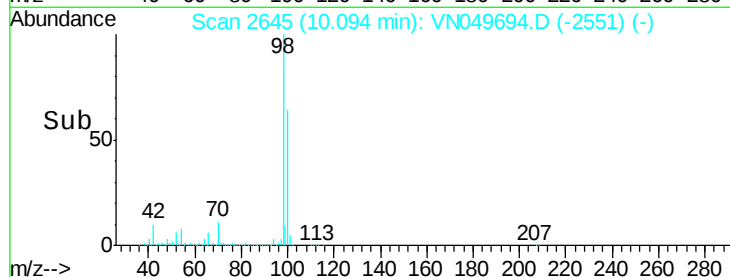
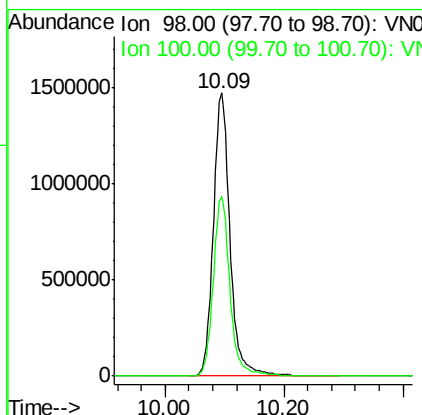
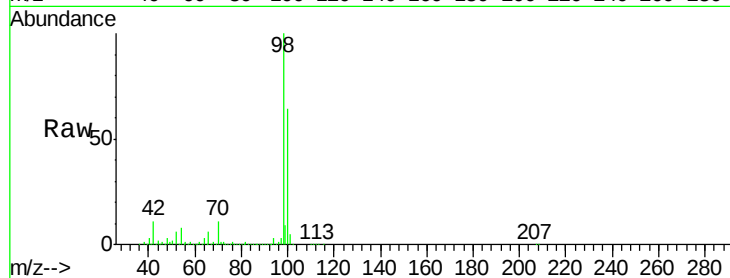




#50
Toluene-d8
Concen: 45.97 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049694.D
Acq: 3 Jul 2018 15:29

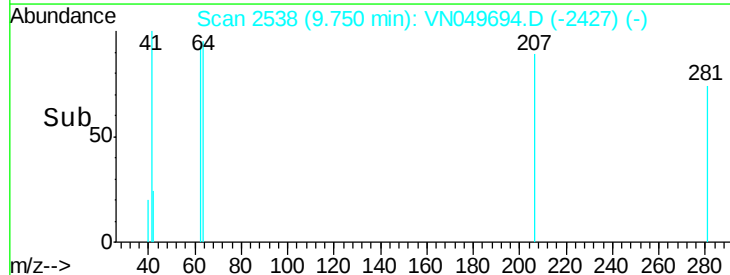
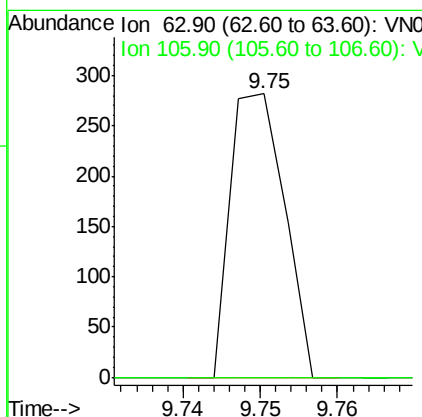
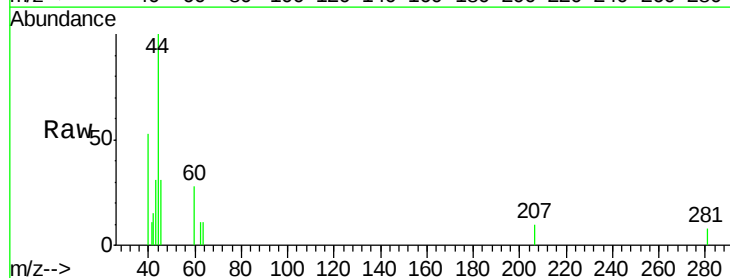
Instrument :
MSVOA_N
ClientSampleId :

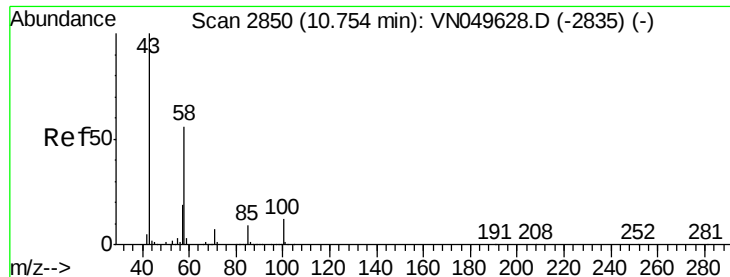
Tot Ion: 98 Resp: 2852555
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5



#58
2-Chloroethyl Vinyl ether
Concen: 10.83 ug/l
RT: 9.75 min Scan# 2538
Delta R.T. 0.06 min
Lab File: VN049694.D
Acq: 3 Jul 2018 15:29

Tgt Ion: 63 Resp: 137
Ion Ratio Lower Upper
63 100
106 0.0 21.8 32.8#





#59

2-Hexanone

Concen: 0.24 ug/l

RT: 10.76 min Scan# 2852

Delta R.T. 0.01 min

Lab File: VN049694.D

Acq: 3 Jul 2018 15:29

Instrument :

MSVOA_N

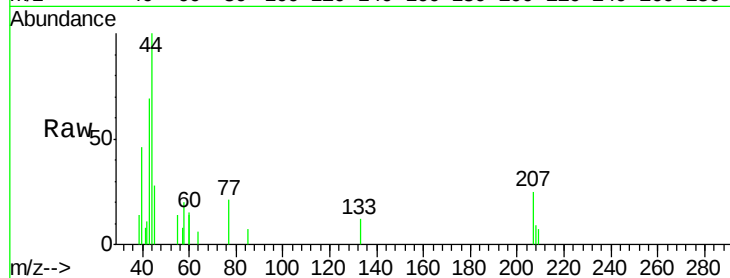
ClientSampled :

Tot Ion: 43 Resp: 2127

Ion Ratio Lower Upper

43 100

58 35.8 27.8 83.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.76

1500

1000

500

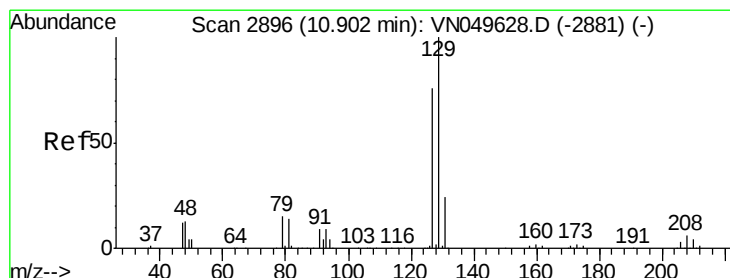
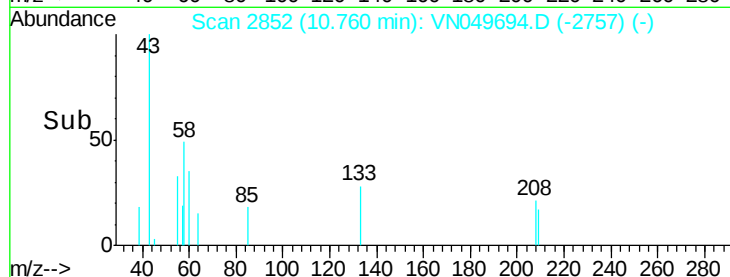
0

Time-->

10.70

10.75

10.80



#60

Dibromochloromethane

Concen: 0.36 ug/l

RT: 10.63 min Scan# 2811

Delta R.T. -0.27 min

Lab File: VN049694.D

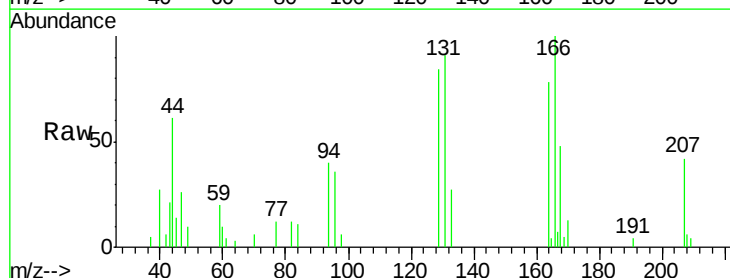
Acq: 3 Jul 2018 15:29

Tgt Ion: 129 Resp: 6450

Ion Ratio Lower Upper

129 100

127 0.0 38.3 114.9#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.63

4000

3000

2000

1000

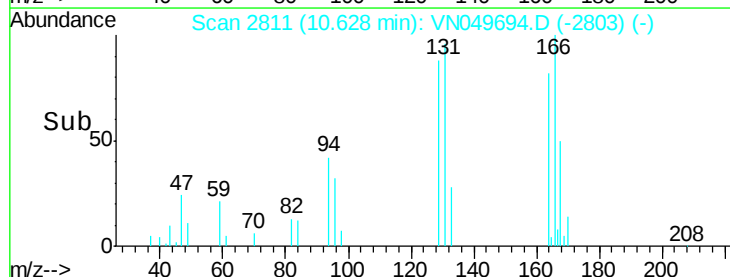
0

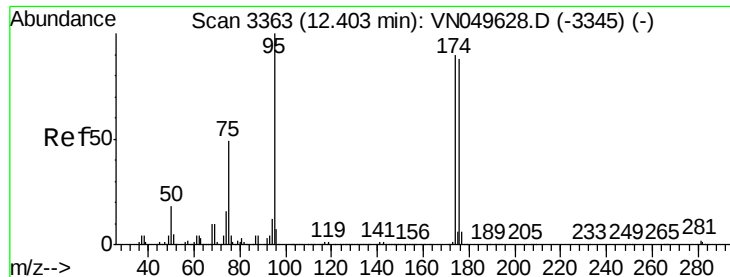
Time-->

10.60

10.65

10.70





#62

4-Bromofluorobenzene

Concen: 42.33 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049694.D

Acq: 3 Jul 2018 15:29

Instrument :

MSVOA_N

ClientSampleId :

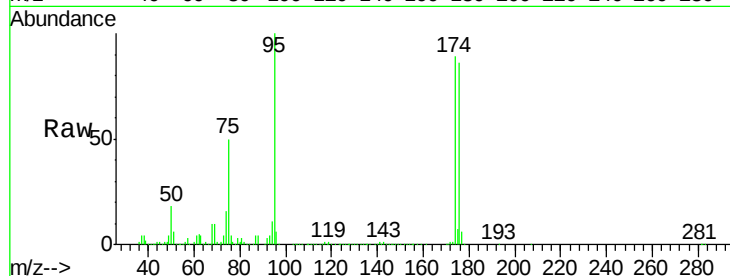
Tot Ion: 95 Resp: 896855

Ion Ratio Lower Upper

95 100

174 90.4 0.0 179.6

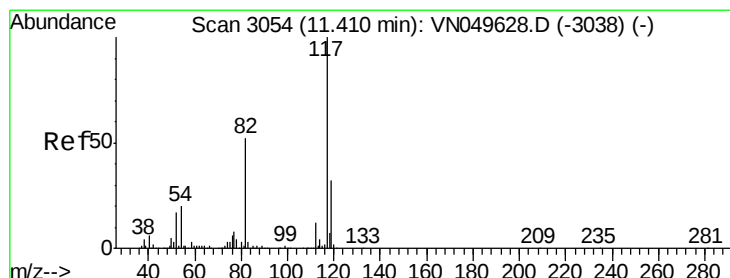
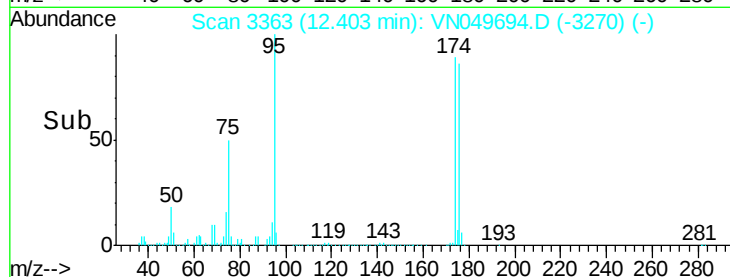
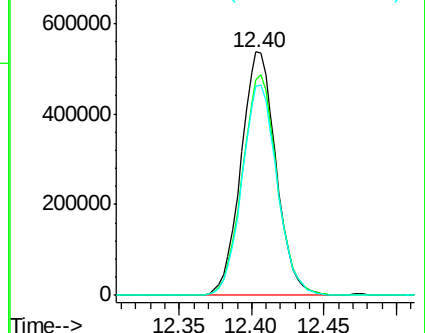
176 87.2 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049628.D (-3345) (-)

Ion 173.80 (173.50 to 174.50): VN049628.D (-3345) (-)

Ion 175.80 (175.50 to 176.50): VN049628.D (-3345) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049694.D

Acq: 3 Jul 2018 15:29

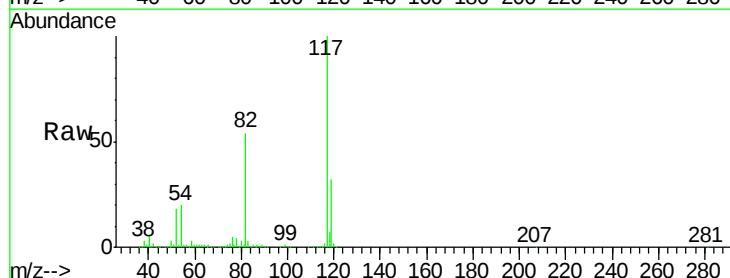
Tgt Ion: 117 Resp: 1796011

Ion Ratio Lower Upper

117 100

82 54.4 41.9 62.9

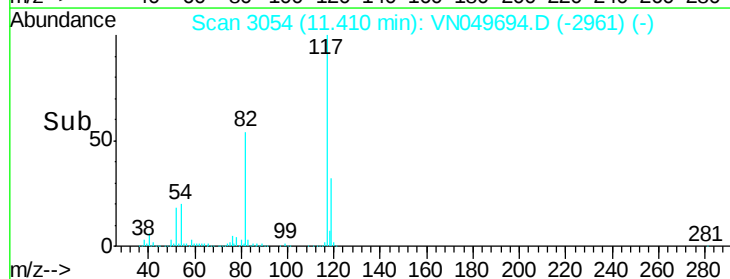
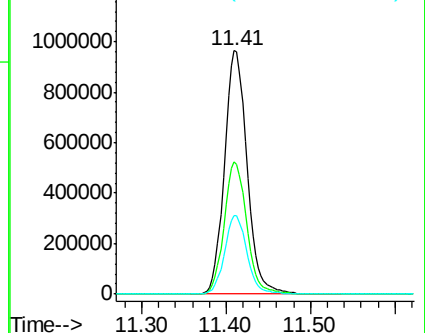
119 32.1 25.4 38.2

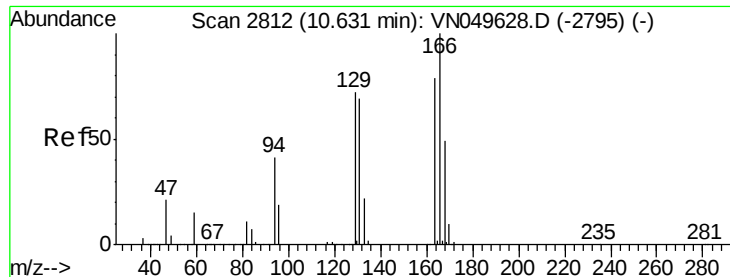


Abundance Ion 116.90 (116.60 to 117.60): VN049628.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049628.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049628.D (-3038) (-)





#64

Tetrachloroethene

Concen: 0.29 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN049694.D

Acq: 3 Jul 2018 15:29

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 7134

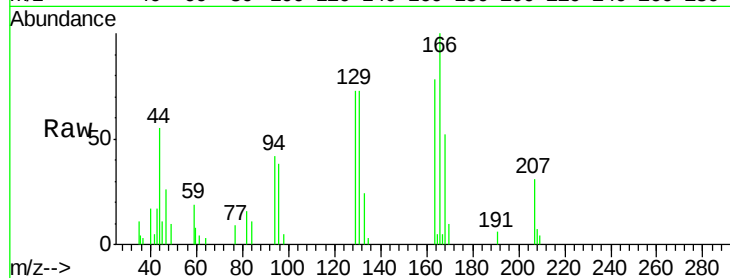
Ion Ratio Lower Upper

164 100

166 128.3 101.8 152.6

129 93.6 72.8 109.2

131 93.0 70.0 105.0

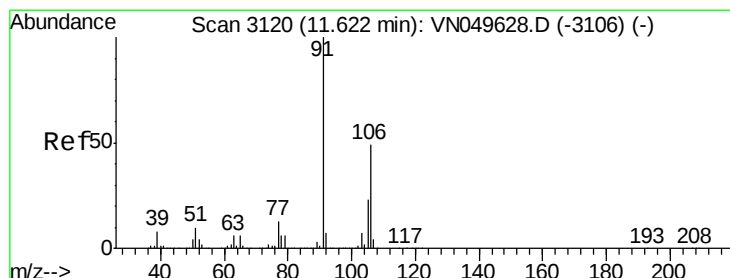
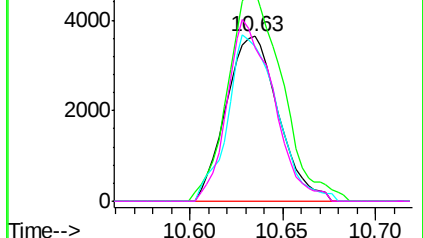
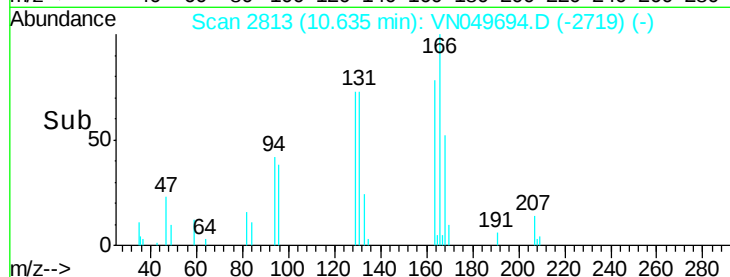


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#68

m/p-Xylenes

Concen: 0.76 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: VN049694.D

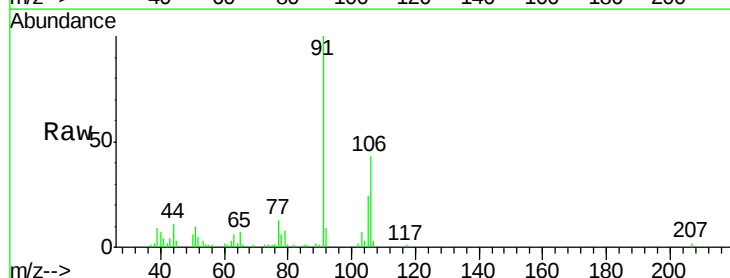
Acq: 3 Jul 2018 15:29

Tgt Ion:106 Resp: 22475

Ion Ratio Lower Upper

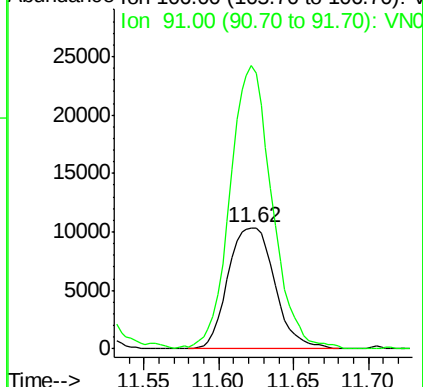
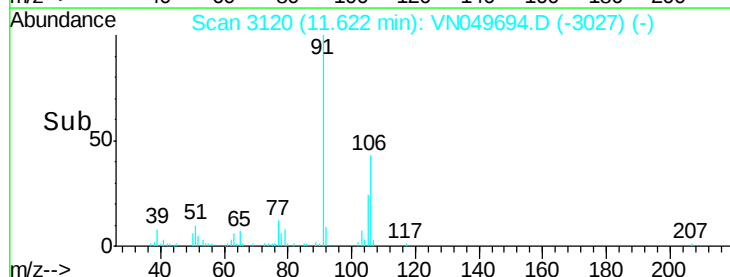
106 100

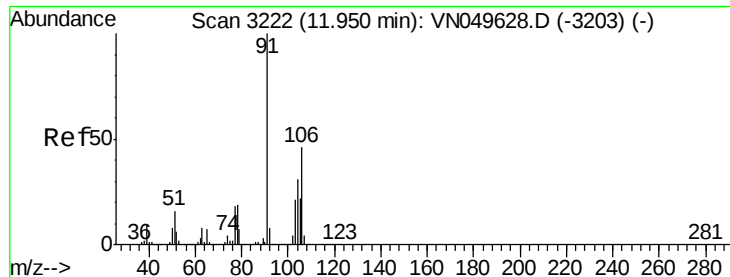
91 210.9 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

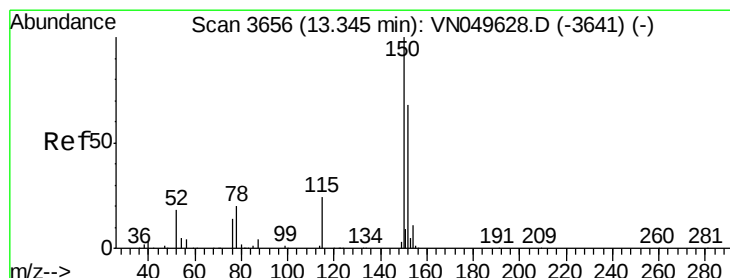
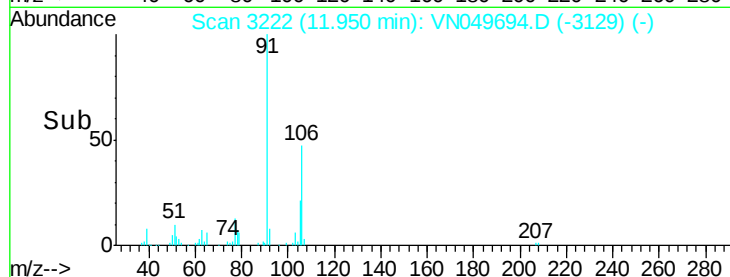
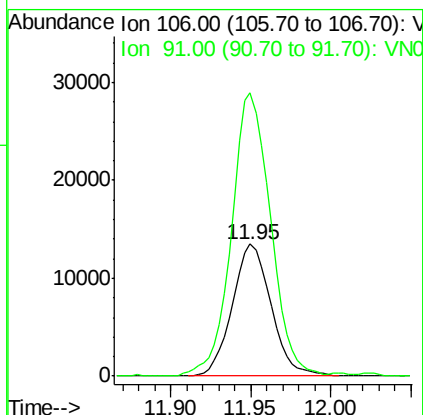
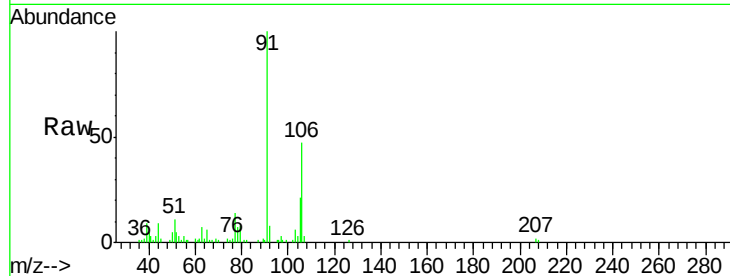




#69
o-Xylene
Concen: 0.78 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN049694.D
Acq: 3 Jul 2018 15:29

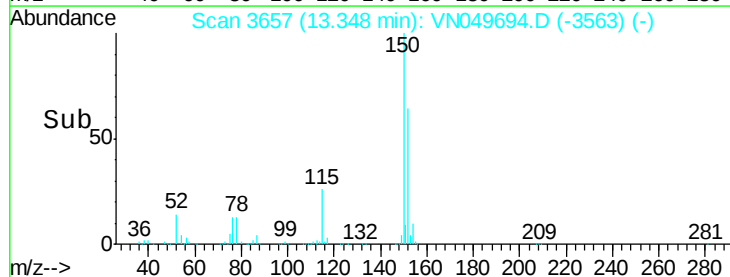
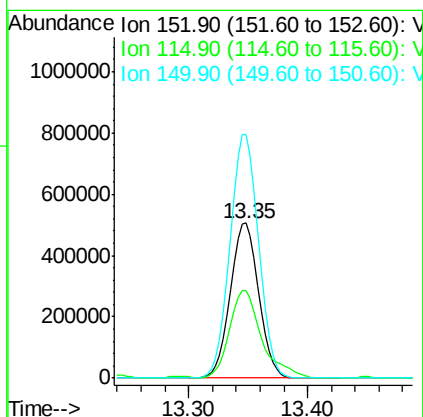
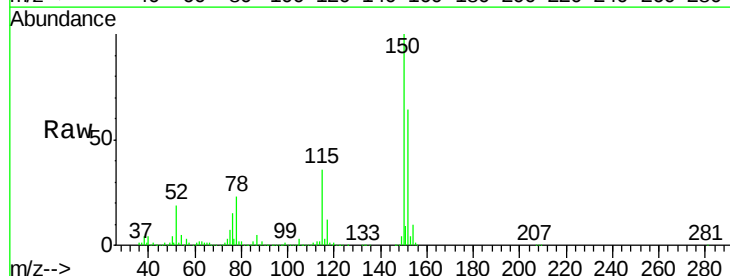
Instrument :
MSVOA_N
ClientSampled :

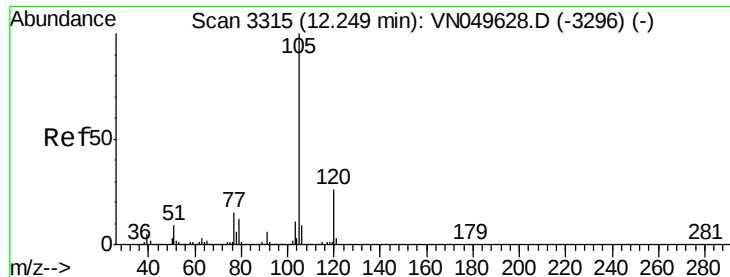
Tot Ion:106 Resp: 22273
Ion Ratio Lower Upper
106 100
91 215.6 108.7 326.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049694.D
Acq: 3 Jul 2018 15:29

Tgt Ion:152 Resp: 837277
Ion Ratio Lower Upper
152 100
115 63.7 28.1 84.2
150 158.5 0.0 347.6





#73

Isopropylbenzene

Concen: 1.07 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049694.D

Acq: 3 Jul 2018 15:29

Instrument :

MSVOA_N

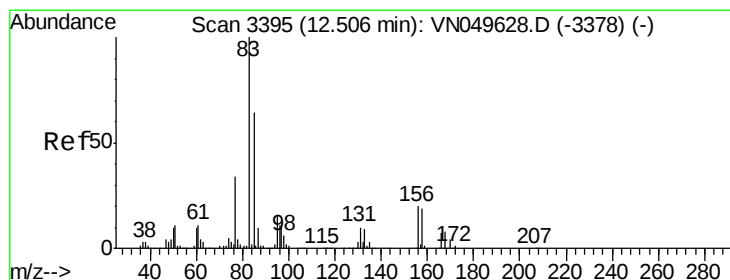
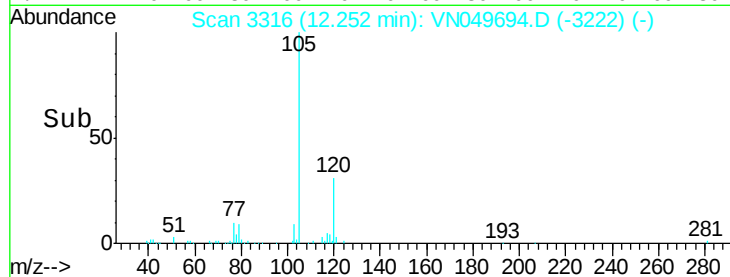
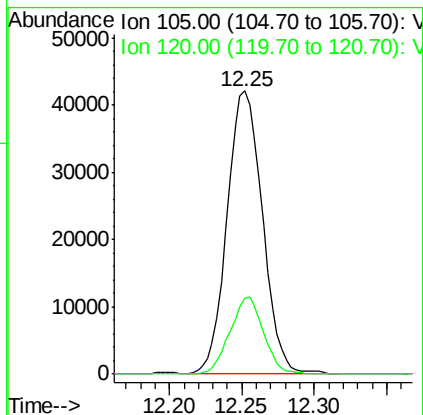
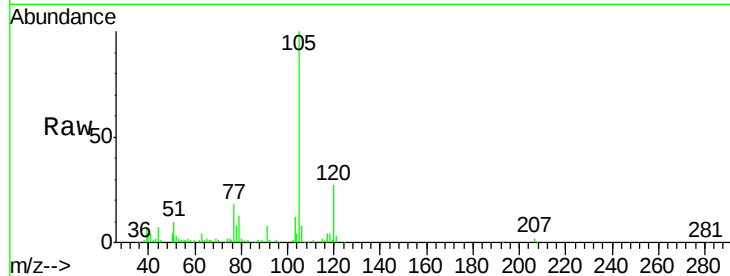
ClientSampleId :

Tot Ion:105 Resp: 71594

Ion Ratio Lower Upper

105 100

120 25.7 13.3 39.8



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.56 min Scan# 3411

Delta R.T. 0.05 min

Lab File: VN049694.D

Acq: 3 Jul 2018 15:29

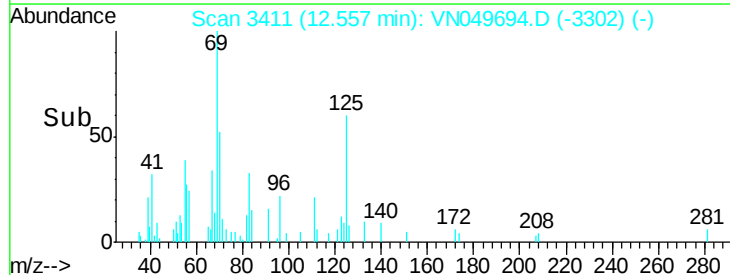
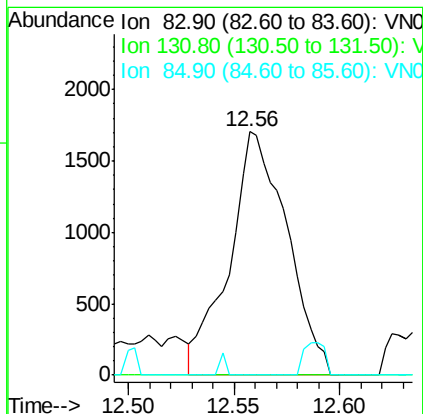
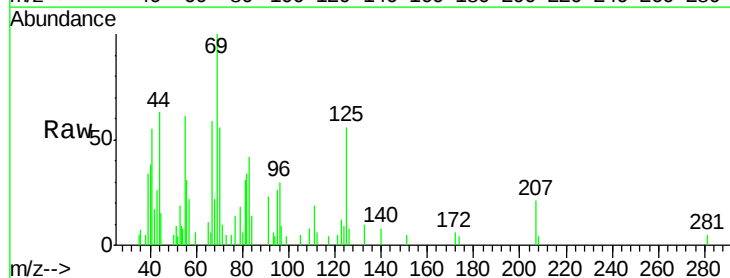
Tgt Ion: 83 Resp: 3243

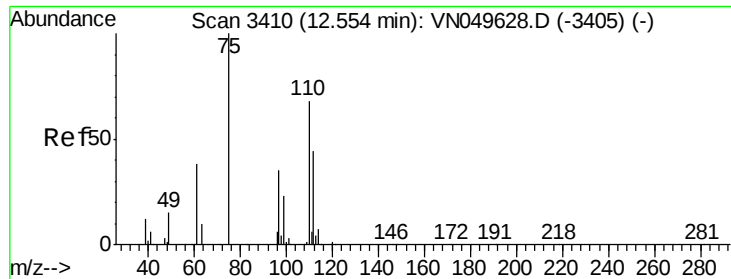
Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 0.0 32.5 97.4#





#76

1,2,3-Trichloropropane

Concen: 32.86 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049694.D

Acq: 3 Jul 2018 15:29

Instrument :

MSVOA_N

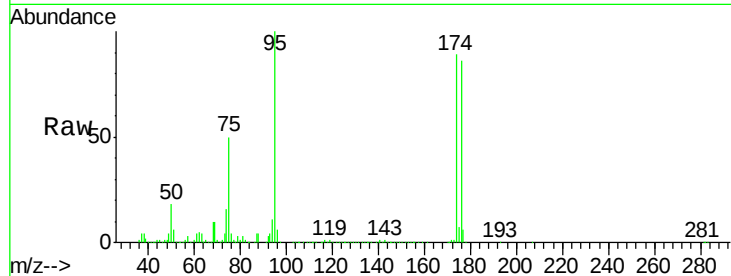
ClientSampleId :

Tot Ion: 75 Resp: 441223

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

250000

200000

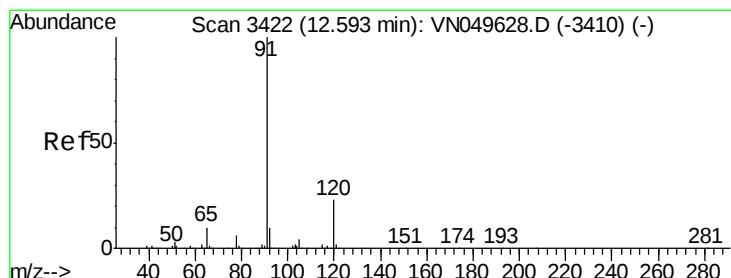
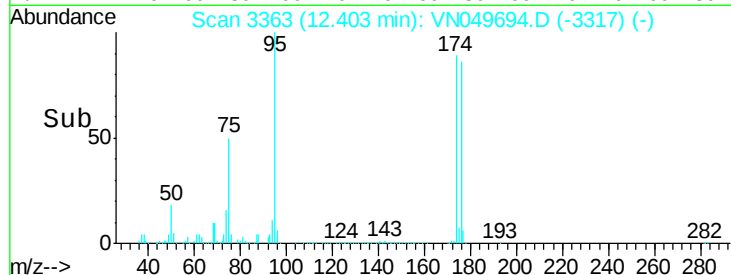
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#78

n-propylbenzene

Concen: 2.95 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049694.D

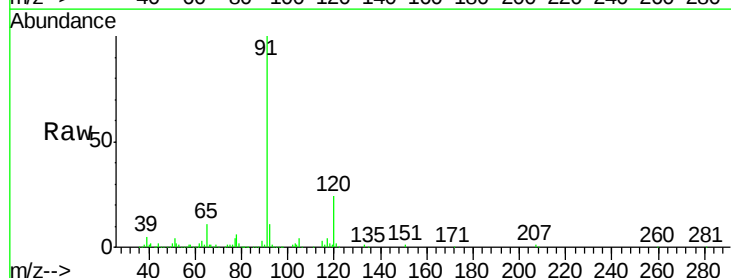
Acq: 3 Jul 2018 15:29

Tgt Ion: 91 Resp: 225801

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

200000

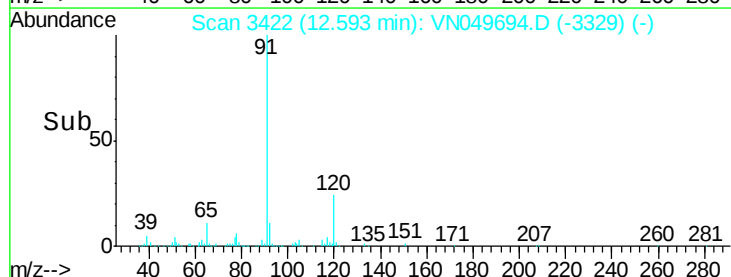
150000

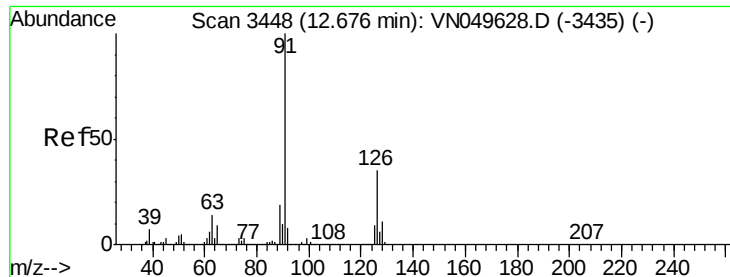
100000

50000

0

Time--> 12.50 12.55 12.60 12.65





#79

2-Chlorotoluene

Concen: 2.68 ug/l

RT: 12.66 min Scan# 3443

Delta R.T. -0.02 min

Lab File: VN049694.D

Acq: 3 Jul 2018 15:29

Instrument :

MSVOA_N

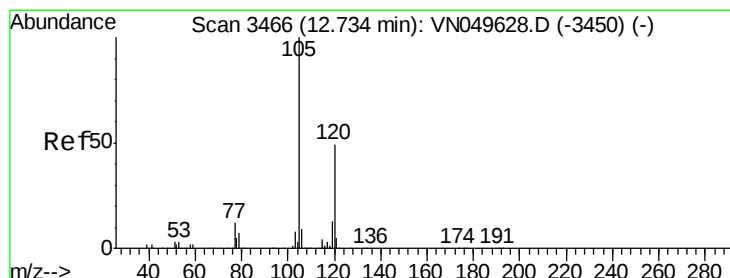
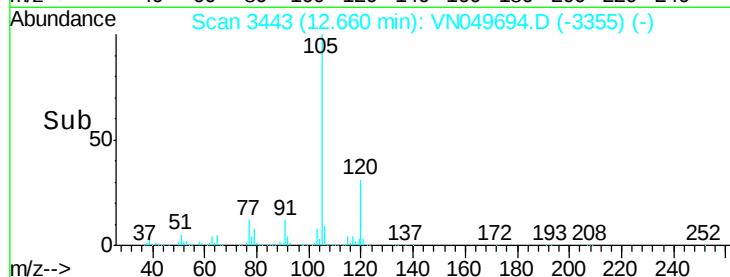
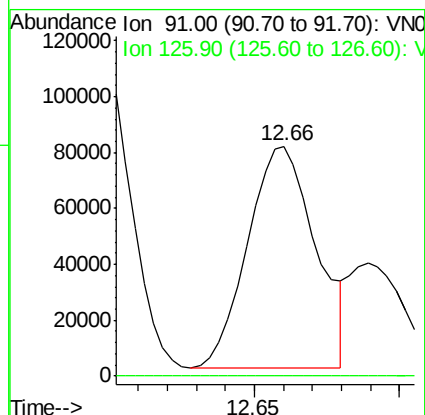
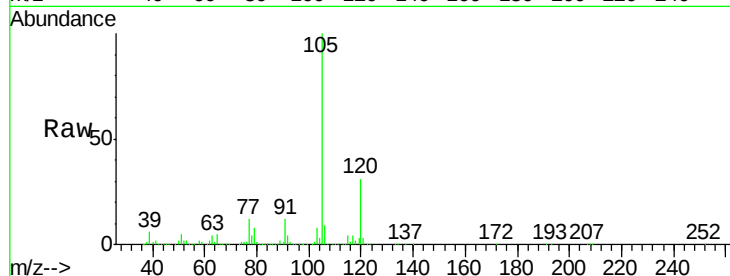
ClientSampleId :

Tot Ion: 91 Resp: 129536

Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.5#



#80

1,3,5-Trimethylbenzene

Concen: 18.43 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VN049694.D

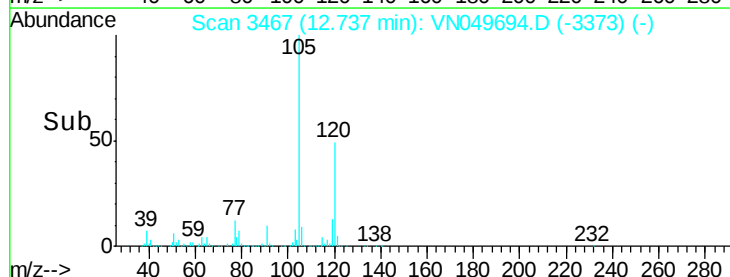
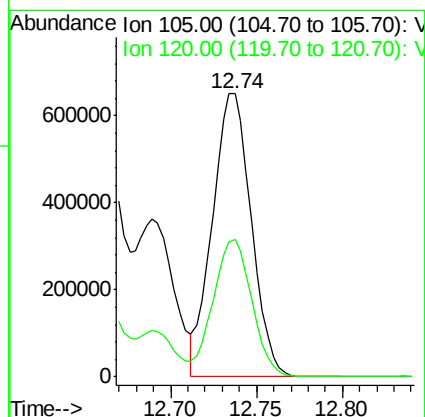
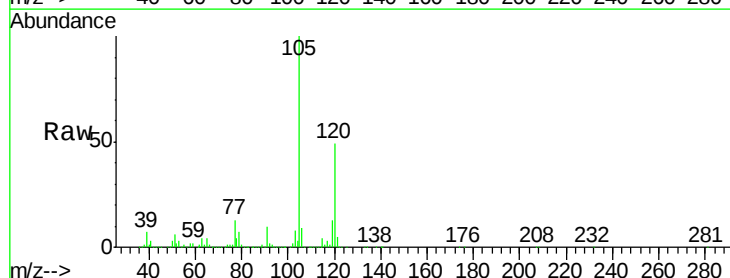
Acq: 3 Jul 2018 15:29

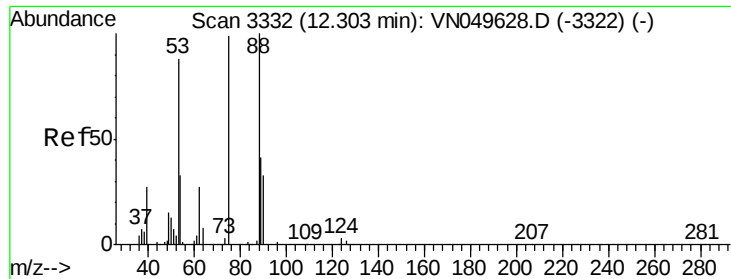
Tgt Ion:105 Resp: 1021579

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 111.60 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049694.D

Acq: 3 Jul 2018 15:29

Instrument :

MSVOA_N

ClientSampled :

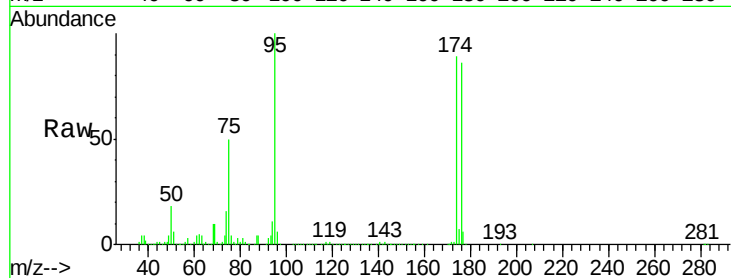
Tot Ion: 75 Resp: 441223

Ion Ratio Lower Upper

75 100

53 0.3 73.9 110.9#

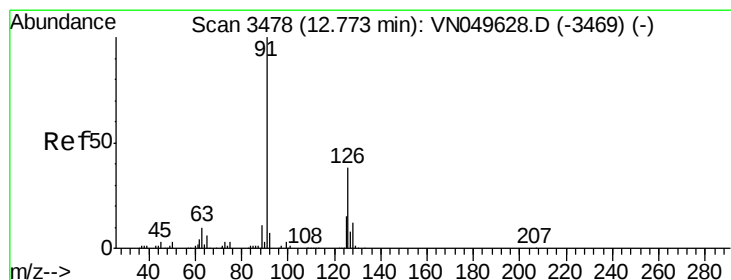
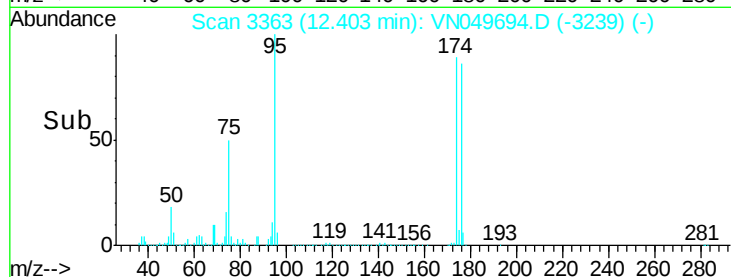
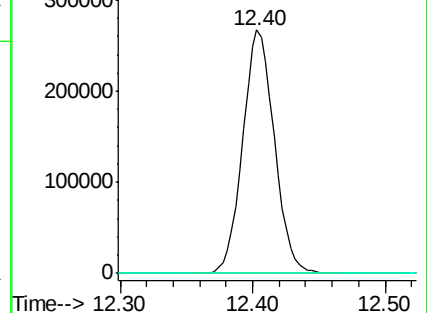
89 0.0 35.9 53.9#



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



#82

4-Chlorotoluene

Concen: 2.17 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. -0.04 min

Lab File: VN049694.D

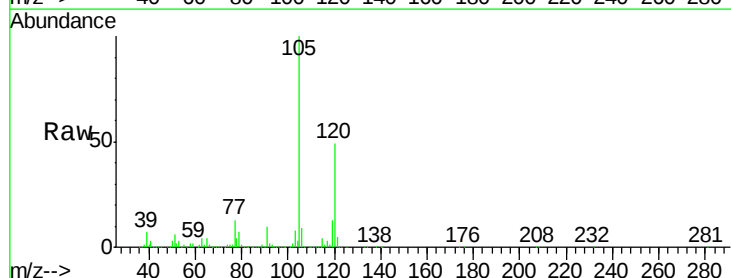
Acq: 3 Jul 2018 15:29

Tgt Ion: 91 Resp: 105559

Ion Ratio Lower Upper

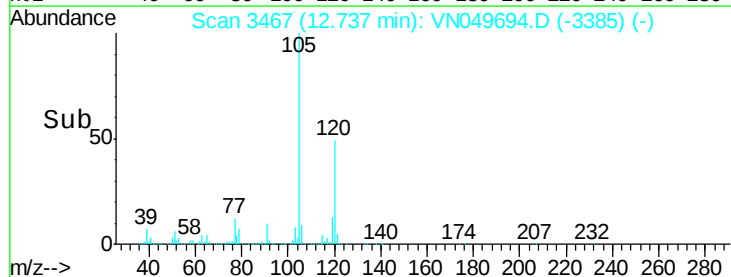
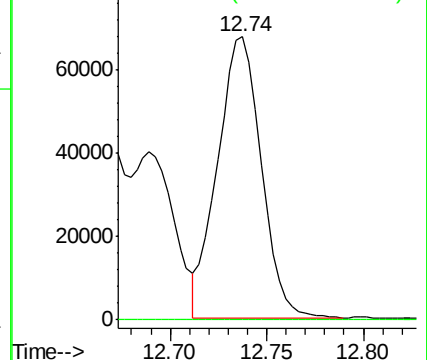
91 100

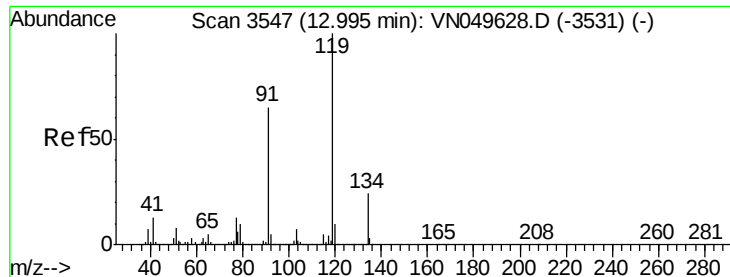
126 0.0 17.2 51.6#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

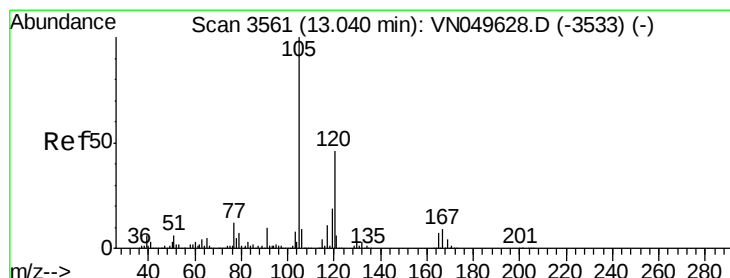
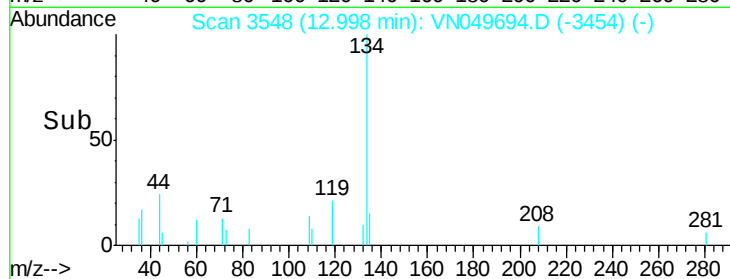
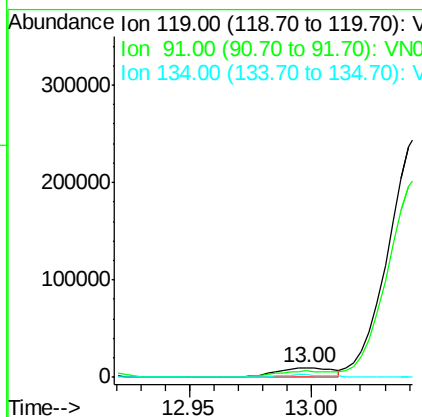
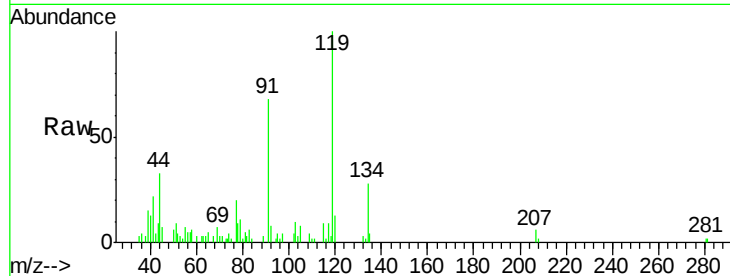




#83
 tert-Butylbenzene
 Concen: 0.34 ug/l
 RT: 13.00 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN049694.D
 Acq: 3 Jul 2018 15:29

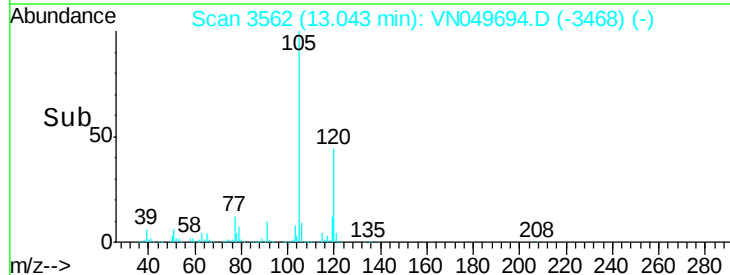
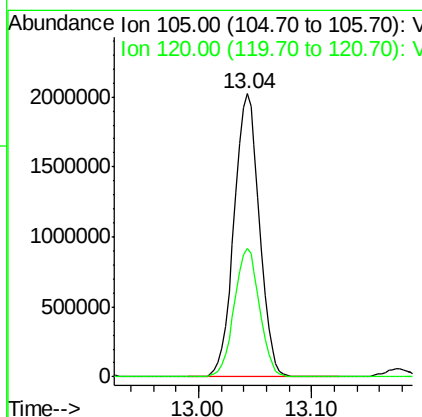
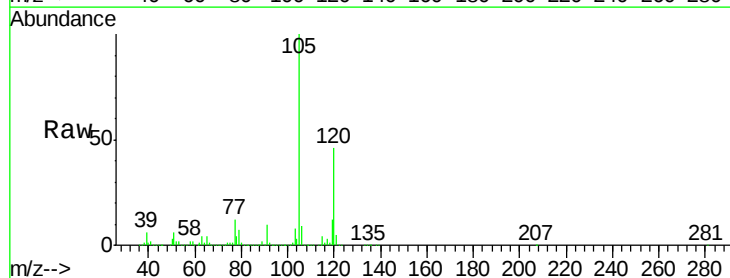
Instrument :
 MSVOA_N
 ClientSampleId :

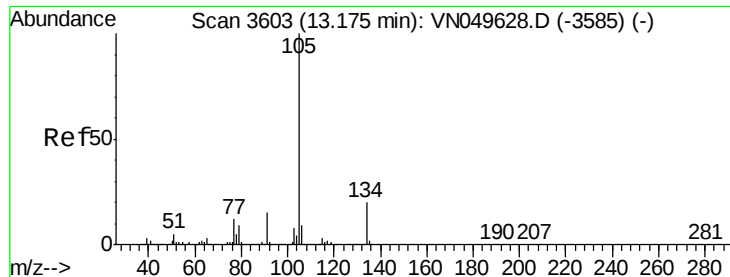
Tot Ion:119 Resp: 16362
 Ion Ratio Lower Upper
 119 100
 91 62.5 32.0 96.2
 134 27.8 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 55.18 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049694.D
 Acq: 3 Jul 2018 15:29

Tgt Ion:105 Resp: 3142241
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.7 68.1

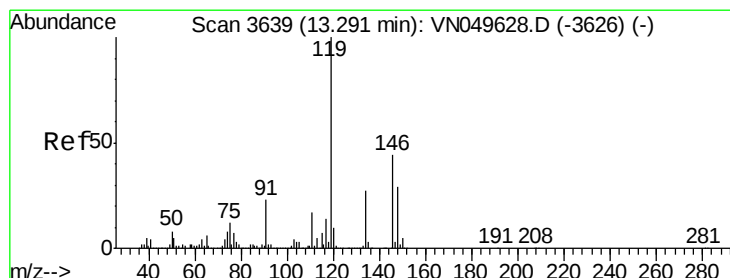
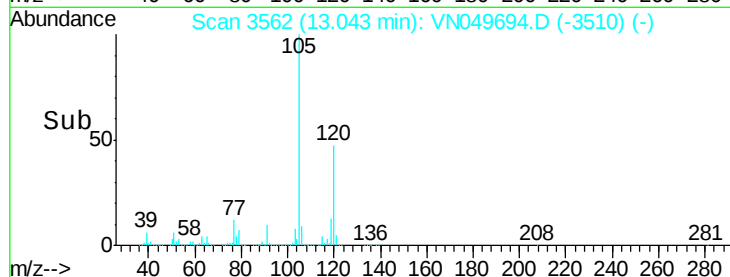
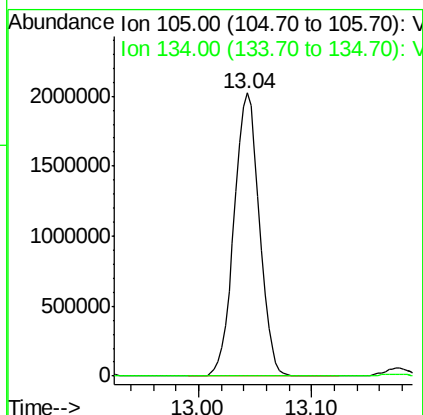
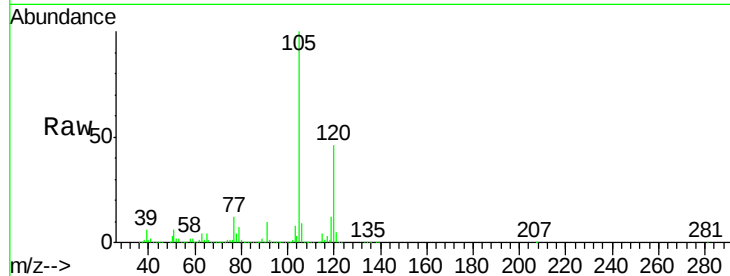




#85
 sec-Butylbenzene
 Concen: 49.82 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. -0.13 min
 Lab File: VN049694.D
 Acq: 3 Jul 2018 15:29

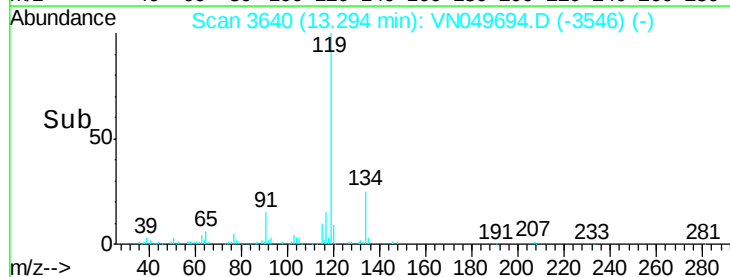
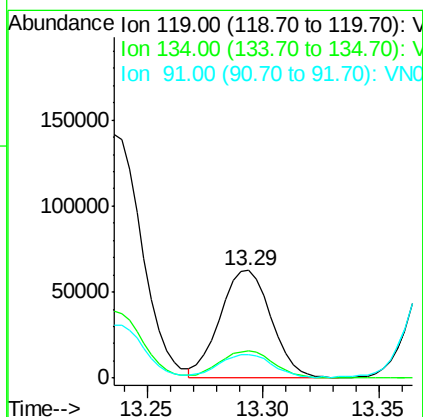
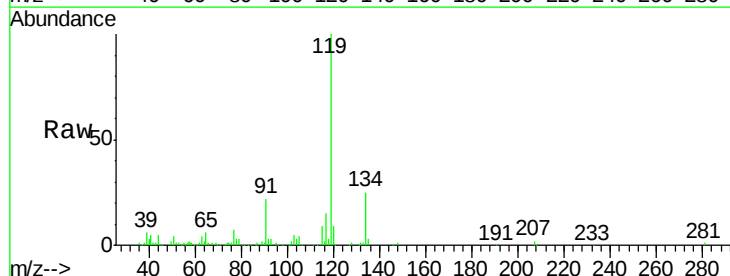
Instrument :
 MSVOA_N
 ClientSampled :

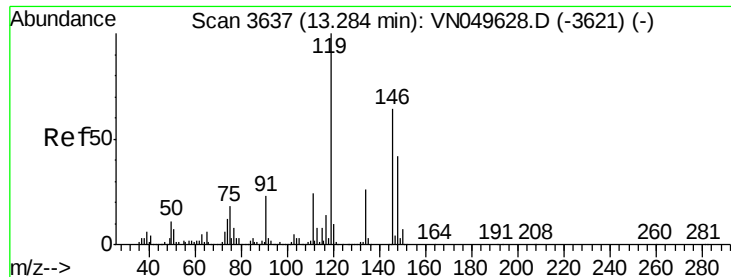
Tot Ion:105 Resp: 3142241
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.1#



#86
 p-Isopropyltoluene
 Concen: 1.74 ug/l
 RT: 13.29 min Scan# 3640
 Delta R.T. 0.00 min
 Lab File: VN049694.D
 Acq: 3 Jul 2018 15:29

Tgt Ion:119 Resp: 95282
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.3 39.9
 91 21.9 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: Below Cal

RT: 13.28 min Scan# 3636

Delta R.T. -0.00 min

Lab File: VN049694.D

Acq: 3 Jul 2018 15:29

Instrument :

MSVOA_N

ClientSampleId :

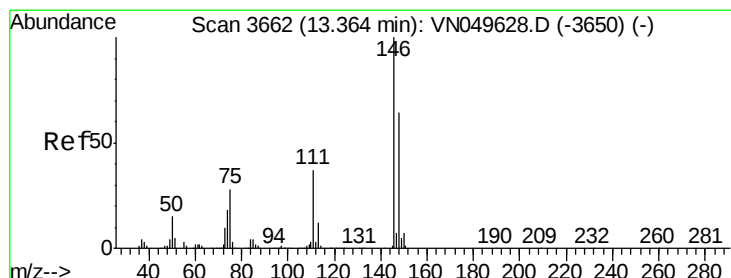
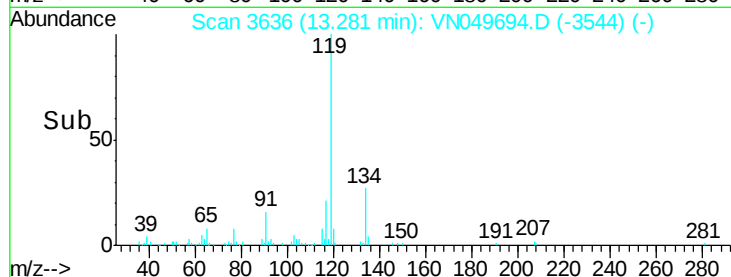
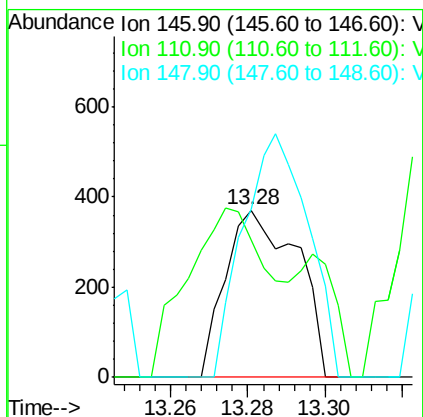
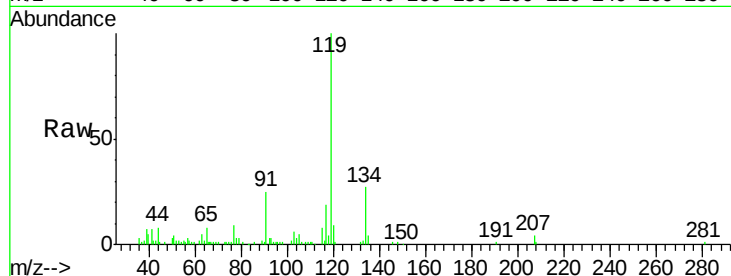
Tot Ion:146 Resp: 477

Ion Ratio Lower Upper

146 100

111 117.0 19.0 57.0#

148 131.9 32.5 97.5#



#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.37 min Scan# 3664

Delta R.T. 0.01 min

Lab File: VN049694.D

Acq: 3 Jul 2018 15:29

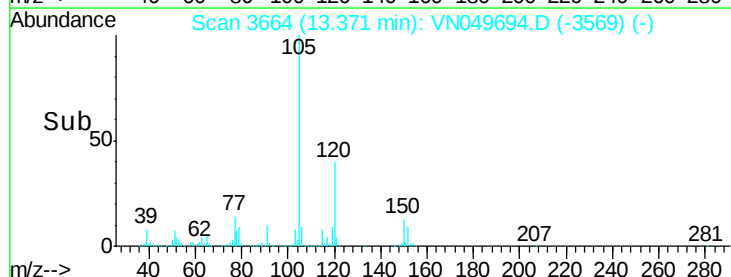
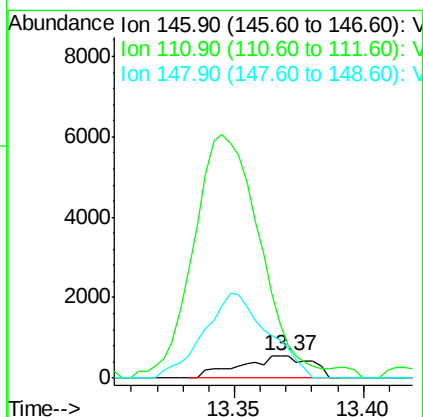
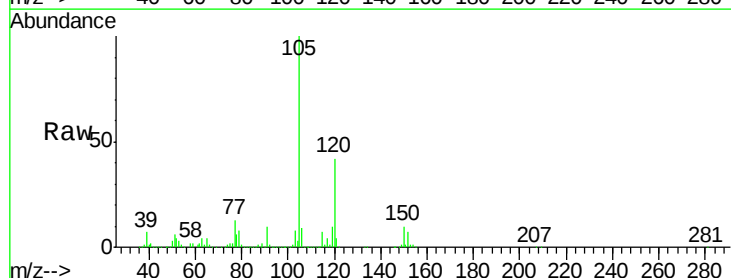
Tgt Ion:146 Resp: 1050

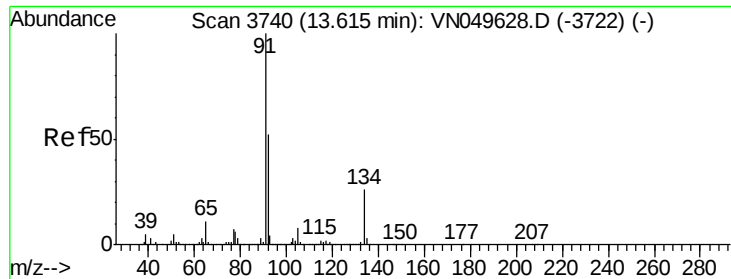
Ion Ratio Lower Upper

146 100

111 0.0 18.9 56.5#

148 0.0 32.1 96.3#

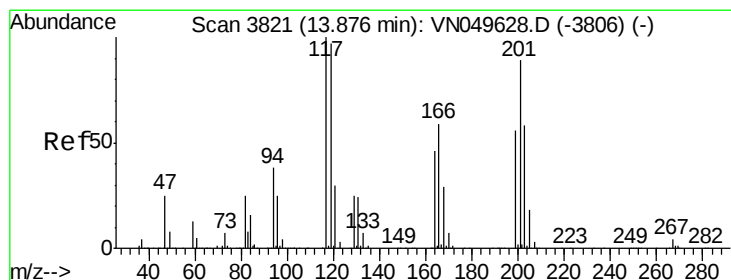
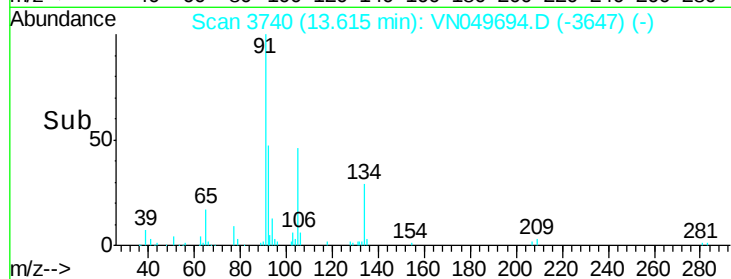
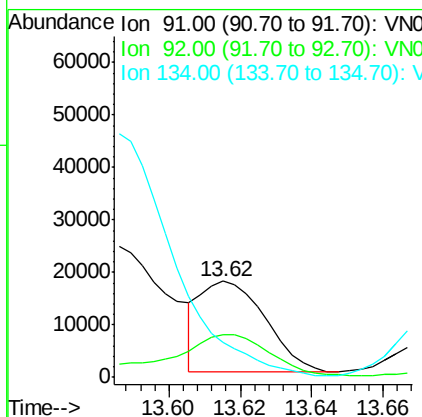
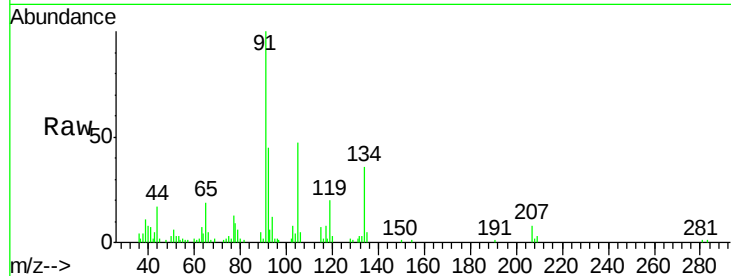




#89
n-Butylbenzene
Concen: 0.46 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049694.D
Acq: 3 Jul 2018 15:29

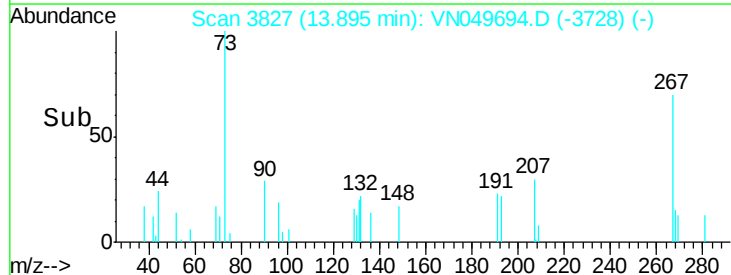
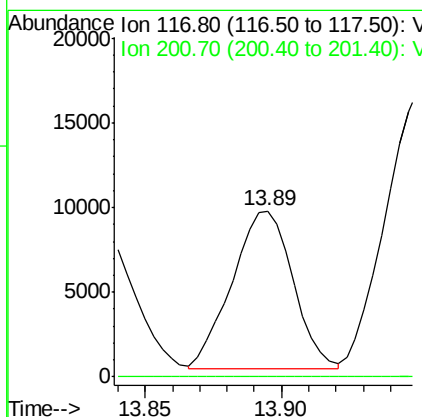
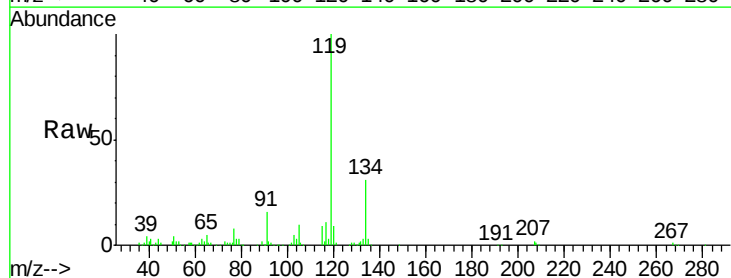
Instrument :
MSVOA_N
ClientSampleId :

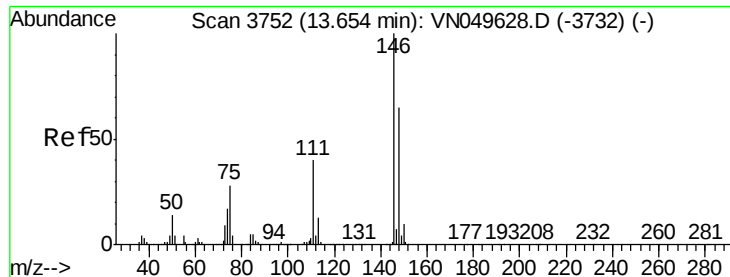
Tot Ion: 91 Resp: 21642
Ion Ratio Lower Upper
91 100
92 72.7 25.8 77.3
134 0.0 13.0 38.9#



#90
Hexachloroethane
Concen: 2.53 ug/l
RT: 13.89 min Scan# 3827
Delta R.T. 0.02 min
Lab File: VN049694.D
Acq: 3 Jul 2018 15:29

Tgt Ion: 117 Resp: 14504
Ion Ratio Lower Upper
117 100
201 0.0 45.3 135.8#

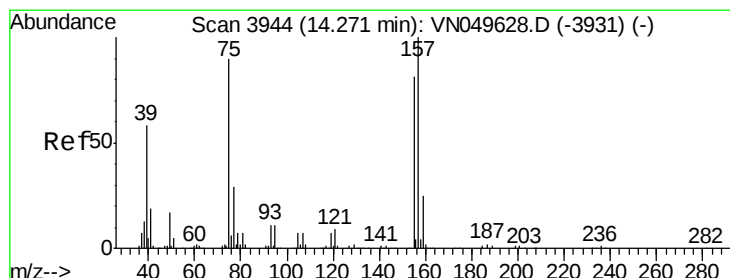
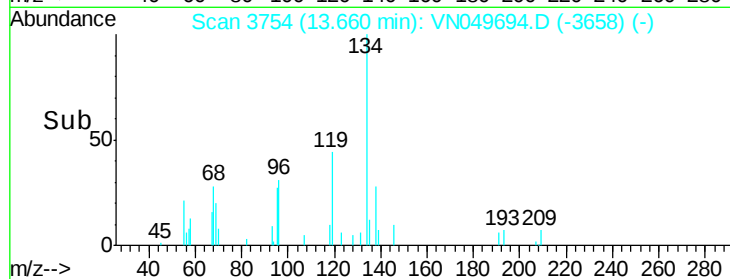
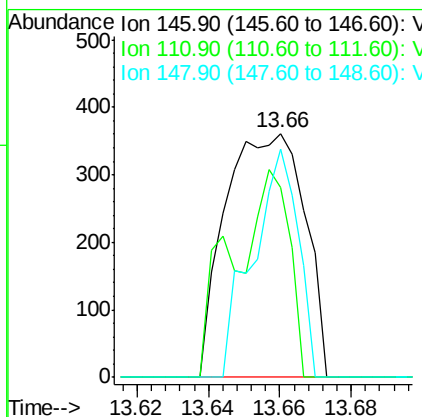
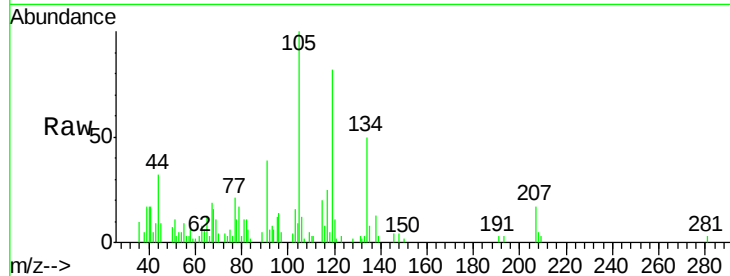




#91
 1,2-Dichlorobenzene
 Concen: Below Cal
 RT: 13.66 min Scan# 3754
 Delta R.T. 0.01 min
 Lab File: VN049694.D
 Acq: 3 Jul 2018 15:29

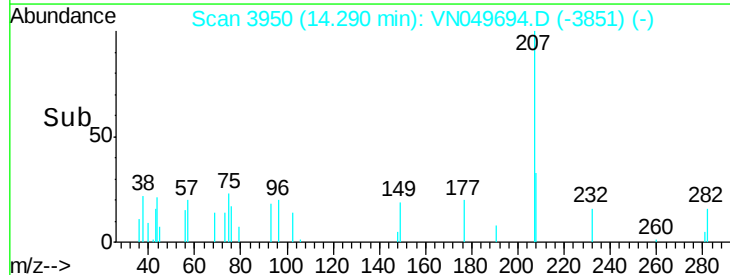
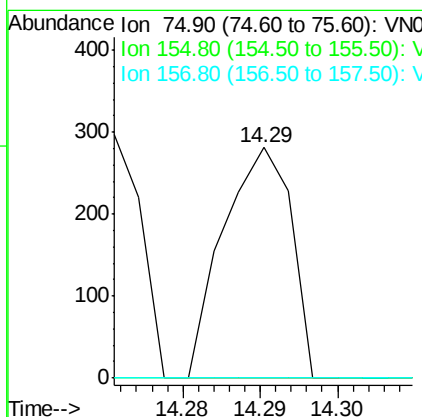
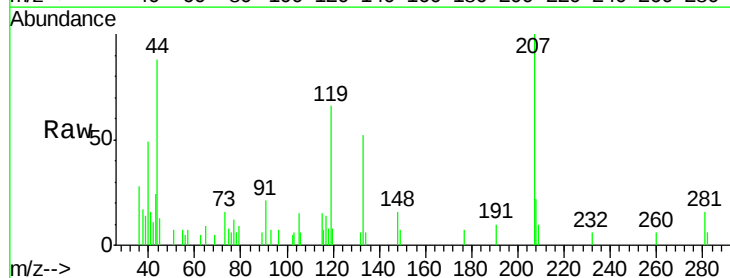
Instrument :
 MSVOA_N
 ClientSampled :

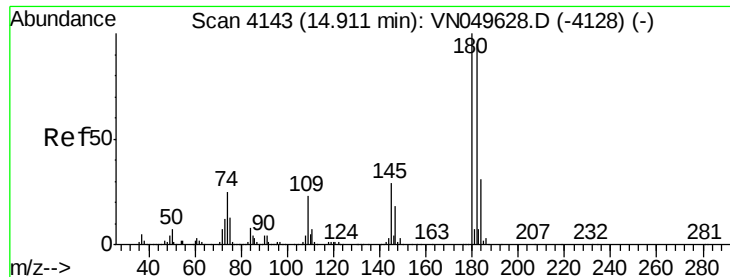
Tot Ion	Ratio	Lower	Upper
146	100		
111	35.4	19.7	59.1
148	53.5	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.29 min Scan# 3950
 Delta R.T. 0.02 min
 Lab File: VN049694.D
 Acq: 3 Jul 2018 15:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.7	137.1#
157	0.0	56.9	170.7#

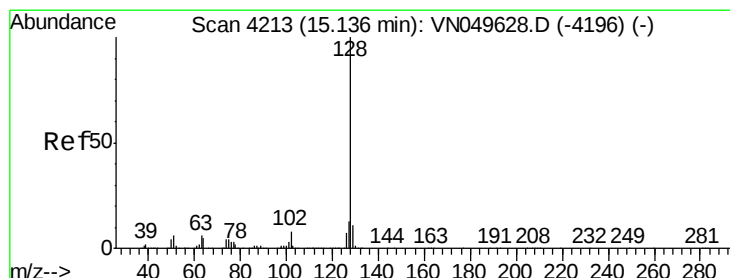
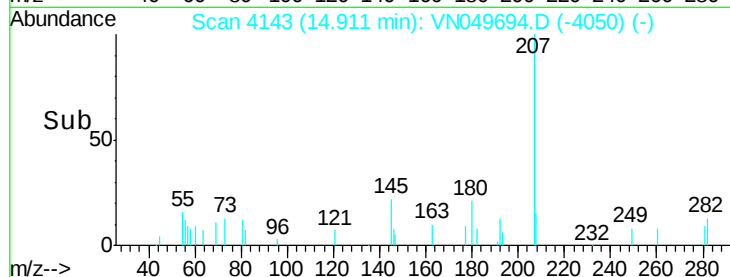
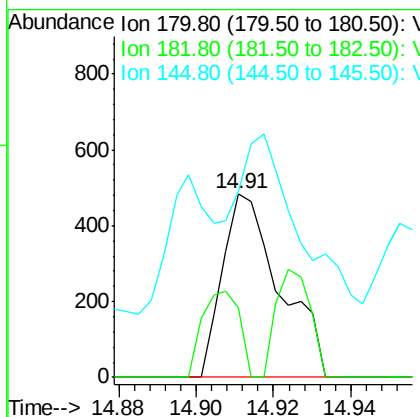
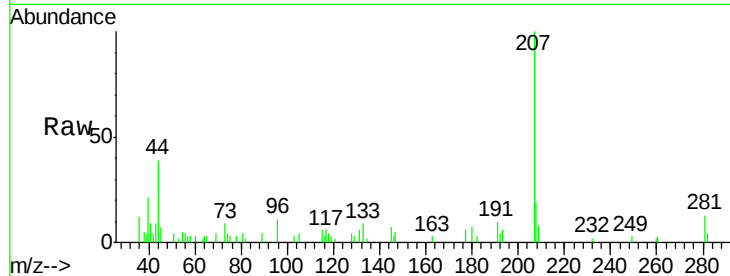




#93
 1,2,4-Trichlorobenzene
 Concen: 2.44 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049694.D
 Acq: 3 Jul 2018 15:29

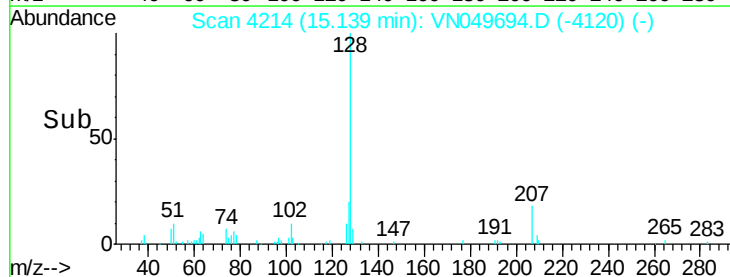
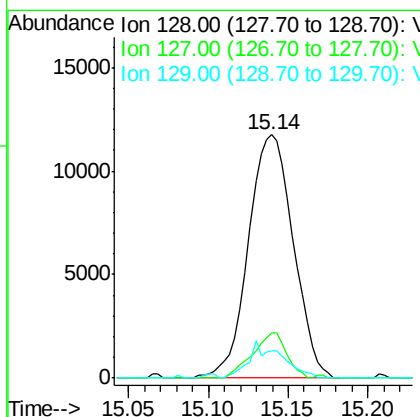
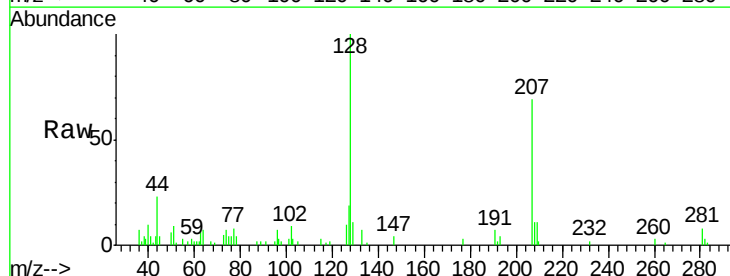
Instrument :
 MSVOA_N
 ClientSampled :

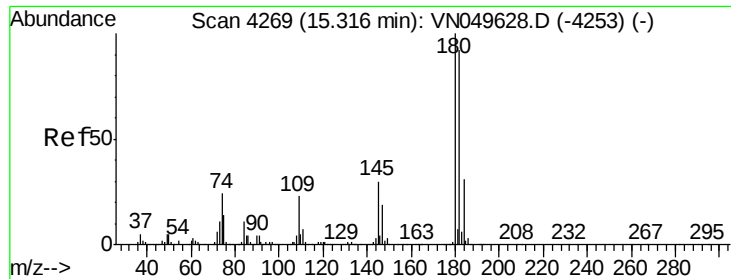
Tot Ion:180 Resp: 499
 Ion Ratio Lower Upper
 180 100
 182 30.5 47.3 141.9#
 145 119.2 14.4 43.0#



#95
 Naphthalene
 Concen: 4.65 ug/l
 RT: 15.14 min Scan# 4214
 Delta R.T. 0.00 min
 Lab File: VN049694.D
 Acq: 3 Jul 2018 15:29

Tgt Ion:128 Resp: 22598
 Ion Ratio Lower Upper
 128 100
 127 14.2 10.4 15.6
 129 5.5 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.68 ug/l
 RT: 15.32 min Scan# 4269
 Delta R.T. 0.00 min
 Lab File: VN049694.D
 Acq: 3 Jul 2018 15:29

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	28.0	47.4	142.2#
145	13.8	15.2	45.6#

