

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050733.D
 Acq On : 17 Aug 2018 16:27
 Operator : MD\SY
 Sample : J4545-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 17 23:15:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	617416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1001200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	874420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	355220	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	410196	52.71	ug/l	0.00
Spiked Amount			Recovery	=	105.42%	
35) Dibromofluoromethane	7.59	113	382303	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
50) Toluene-d8	10.09	98	1409058	46.84	ug/l	0.00
Spiked Amount			Recovery	=	93.68%	
62) 4-Bromofluorobenzene	12.40	95	432636	43.53	ug/l	0.00
Spiked Amount			Recovery	=	87.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2764	Below Cal		93
5) Bromomethane	2.56	94	2611	Below Cal		86
6) Chloroethane	2.69	64	163	Below Cal	#	43
9) 1,1,2-Trichlorotrifluoroet	3.76	101	8087	1.10	ug/l #	89
10) Methyl Iodide	3.96	142	609	7.05	ug/l #	54
11) Tert butyl alcohol	4.80	59	80673	189.84	ug/l	98
13) Acrolein	3.62	56	1659	0.22	ug/l #	14
16) Acetone	3.82	43	383986	197.30	ug/l	100
17) Carbon Disulfide	4.05	76	29437	1.40	ug/l	99
18) Methyl Acetate	4.33	43	7096	0.31	ug/l	95
20) Methylene Chloride	4.55	84	463	Below Cal	#	72
25) 2-Butanone	6.84	43	157095	49.23	ug/l	99
29) Tetrahydrofuran	7.21	42	818	0.49	ug/l #	43
31) Cyclohexane	7.67	56	10543	0.55	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	41675	3.74	ug/l #	48
37) Ethyl Acetate	6.84	43	157095	24.94	ug/l #	67
38) Carbon Tetrachloride	7.67	117	54482	4.71	ug/l #	16
40) Benzene	8.04	78	123939	3.66	ug/l	98
43) Isopropyl Acetate	8.27	43	78511	6.84	ug/l #	61
48) Methyl methacrylate	9.21	41	2502	0.43	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	68022	8.76	ug/l	93
52) Toluene	10.16	92	13415	0.66	ug/l	96
55) 1,1,2-Trichloroethane	10.60	97	1743	0.23	ug/l #	1
56) Ethyl methacrylate	10.37	69	12108	3.11	ug/l #	64
58) 2-Chloroethyl Vinyl ether	9.44	63	30	10.42	ug/l #	48
59) 2-Hexanone	10.76	43	63143	12.60	ug/l	72
67) Ethyl Benzene	11.51	91	15632	0.44	ug/l	100
68) m/p-Xylenes	11.62	106	9810	0.73	ug/l	98
69) o-Xylene	11.95	106	8519	0.66	ug/l	95
70) Styrene	11.96	104	1901	1.02	ug/l #	21
73) Isopropylbenzene	12.25	105	9063	0.33	ug/l	96
74) N-amyl acetate	12.03	43	16961	2.35	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	12.52	83	1371	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	199689	34.48	ug/l #	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050733.D
 Acq On : 17 Aug 2018 16:27
 Operator : MD\SY
 Sample : J4545-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 17 23:15:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

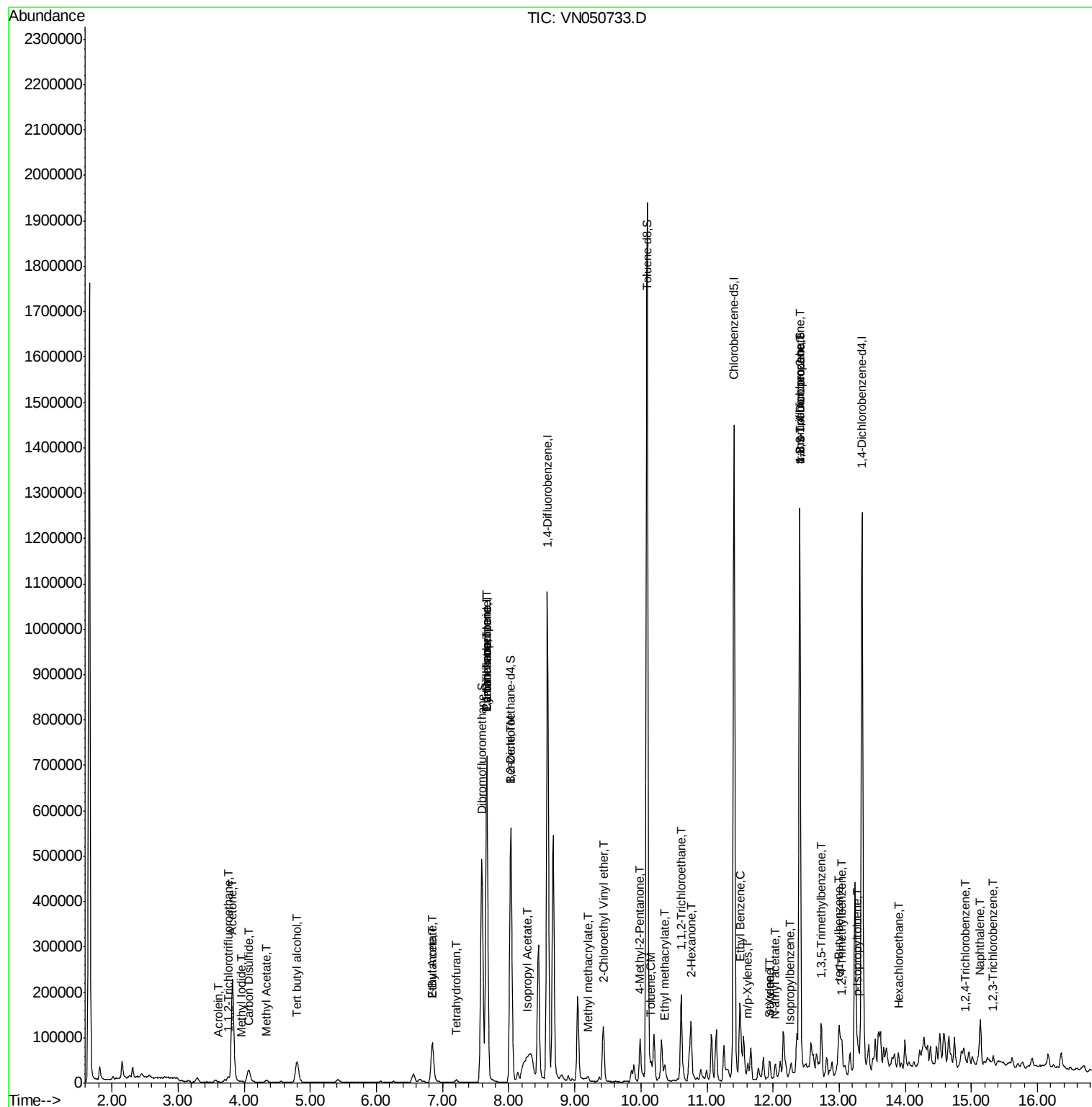
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	12.73	105	12560	0.57	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	199689	124.98	ug/l #	13
83) tert-Butylbenzene	12.99	119	46148	2.39	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	39484	1.77	ug/l	99
86) p-Isopropyltoluene	13.29	119	5337	0.25	ug/l	90
90) Hexachloroethane	13.89	117	1719	0.40	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	64	2.68	ug/l #	1
95) Naphthalene	15.13	128	85163	9.61	ug/l	98
96) 1,2,3-Trichlorobenzene	15.33	180	253	1.98	ug/l #	1

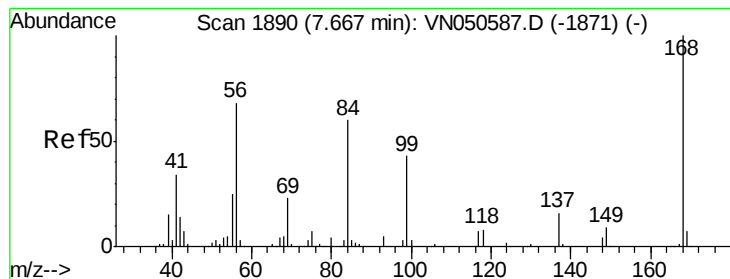
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
Data File : VN050733.D
Acq On : 17 Aug 2018 16:27
Operator : MD\SY
Sample : J4545-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 17 23:15:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050733.D

Acq: 17 Aug 2018 16:27

Instrument :

MSVOA_N

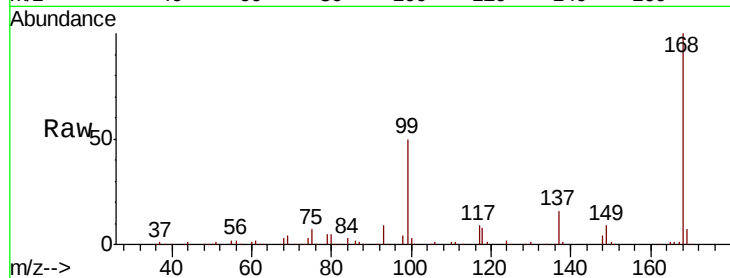
ClientSampled :

Tot Ion:168 Resp: 617416

Ion Ratio Lower Upper

168 100

99 50.5 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

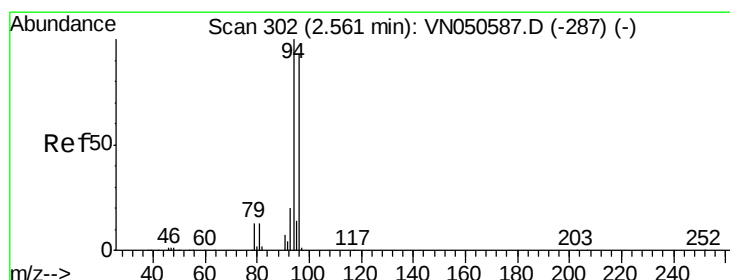
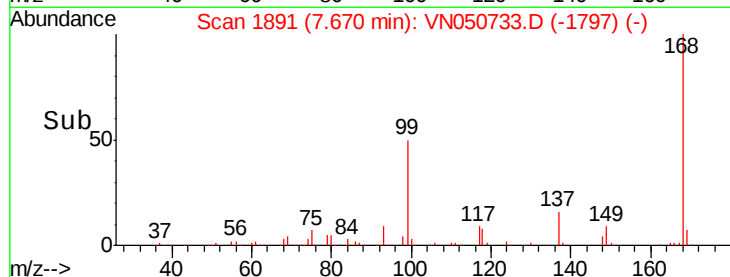
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN050733.D

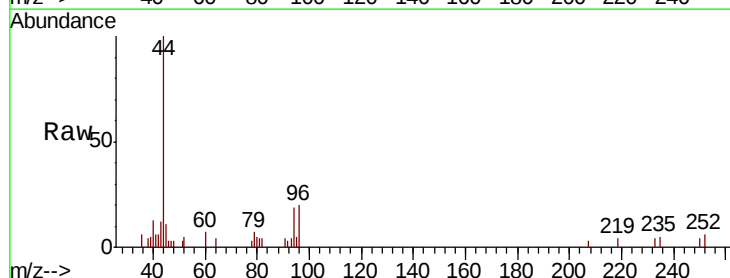
Acq: 17 Aug 2018 16:27

Tgt Ion: 94 Resp: 2611

Ion Ratio Lower Upper

94 100

96 105.7 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

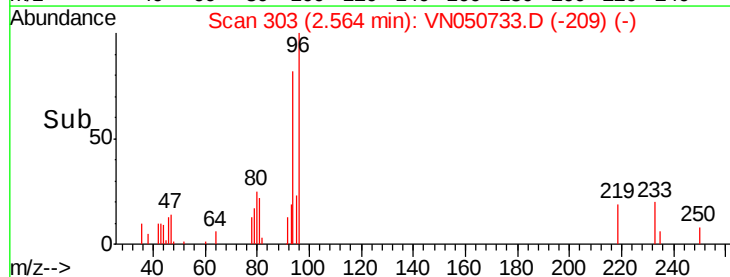
2.56

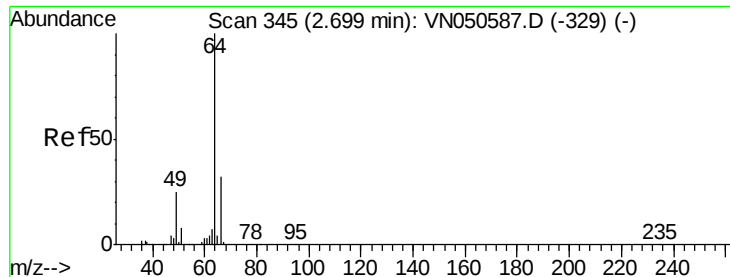
1000

500

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 2.69 min Scan# 342

Delta R.T. -0.01 min

Lab File: VN050733.D

Acq: 17 Aug 2018 16:27

Instrument :

MSVOA_N

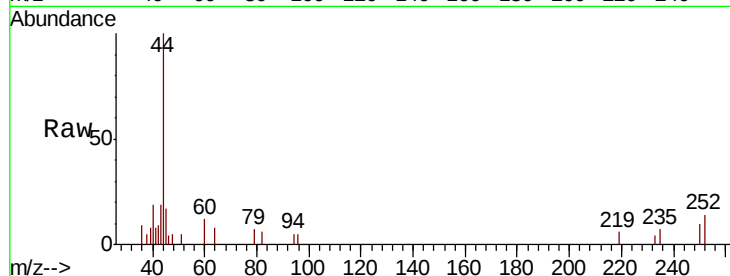
ClientSampleId :

Tot Ion: 64 Resp: 163

Ion Ratio Lower Upper

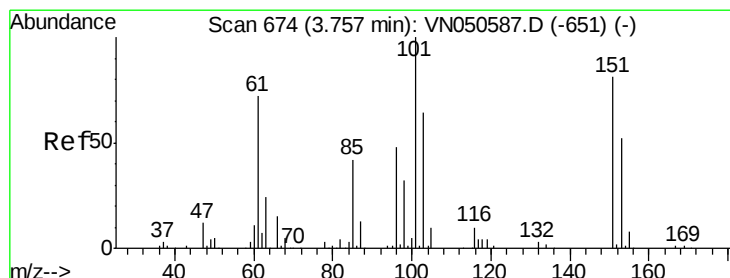
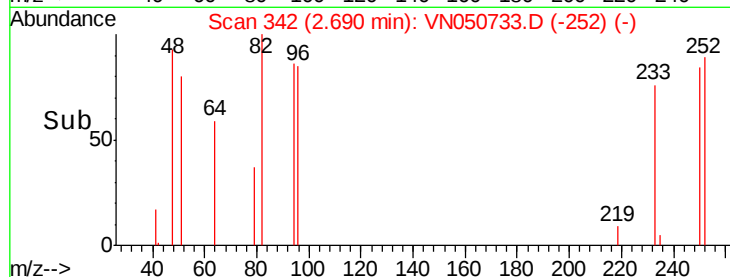
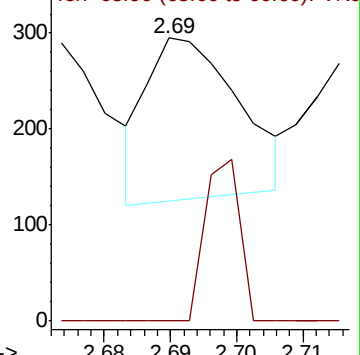
64 100

66 0.0 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.10 ug/l

RT: 3.76 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN050733.D

Acq: 17 Aug 2018 16:27

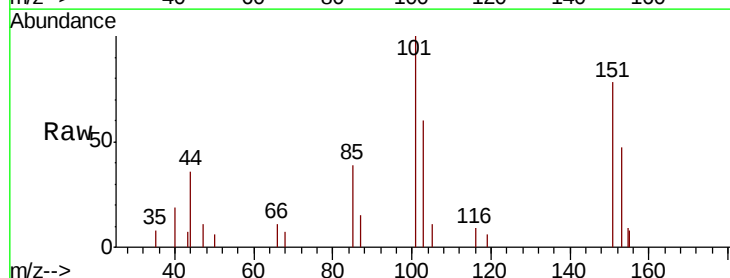
Tgt Ion: 101 Resp: 8087

Ion Ratio Lower Upper

101 100

85 24.0 33.4 50.0#

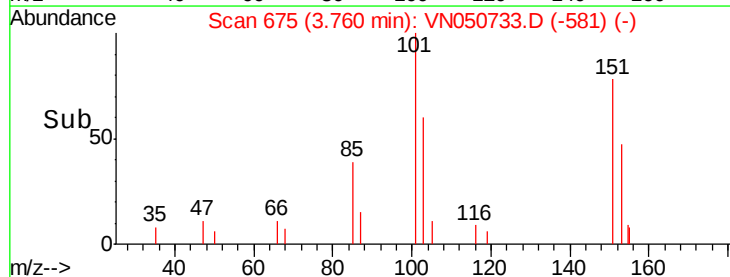
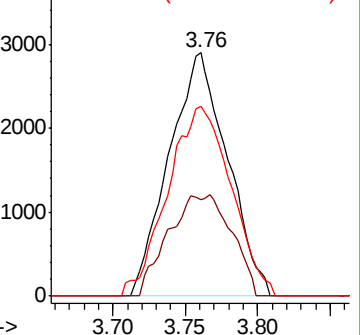
151 84.9 66.6 100.0

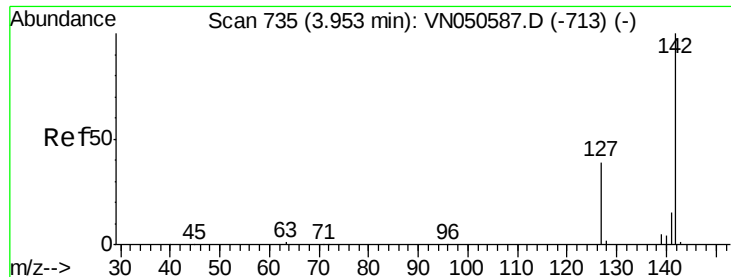


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V

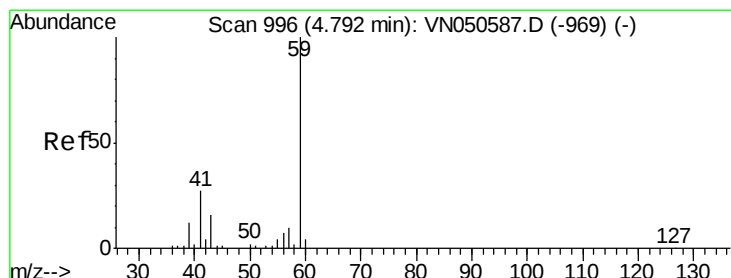
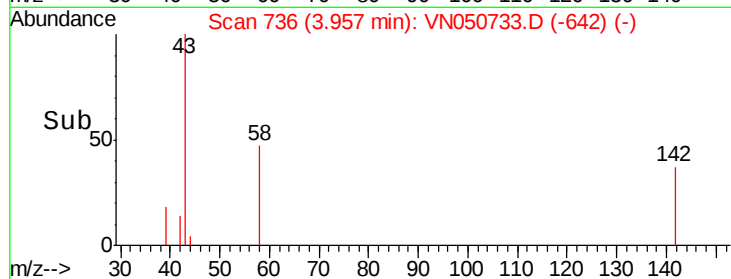
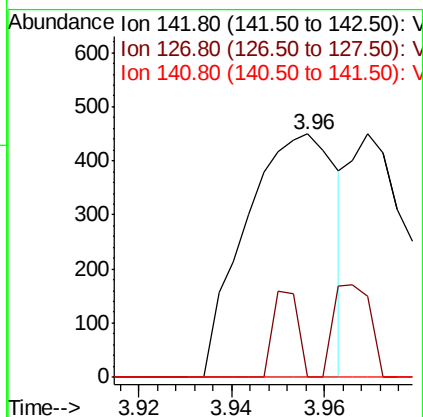
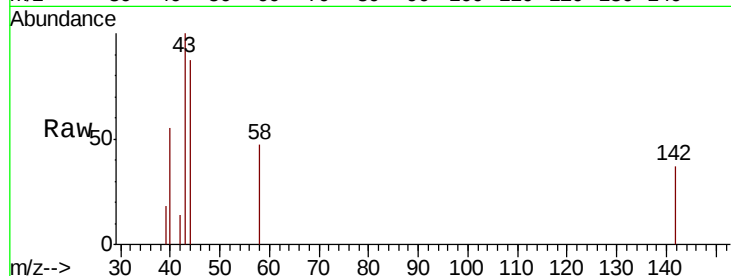




#10
Methyl Iodide
Concen: 7.05 ug/l
RT: 3.96 min Scan# 736
Delta R.T. 0.00 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

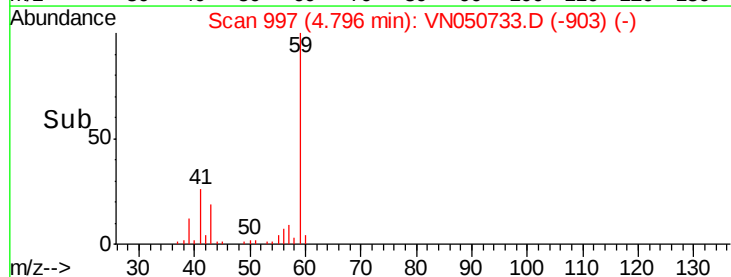
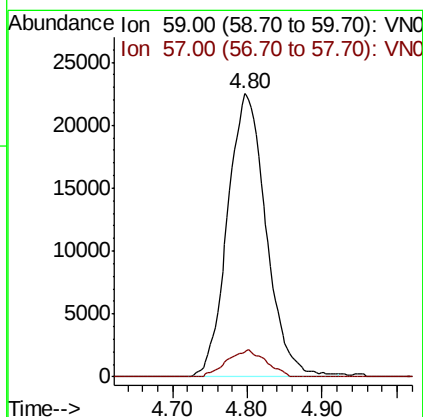
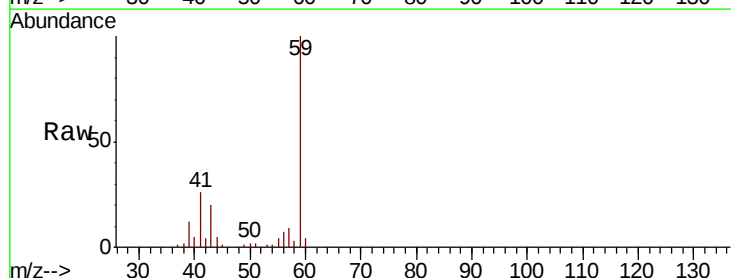
Instrument :
MSVOA_N
ClientSampled :

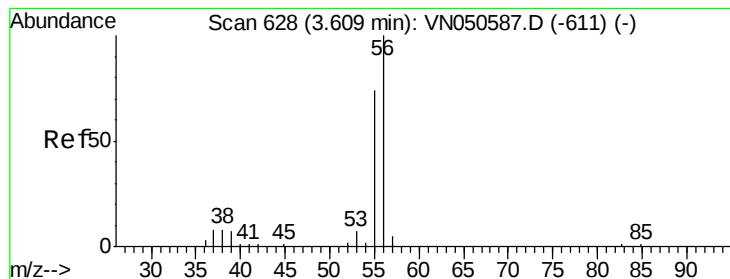
Tot Ion:142 Resp: 609
Ion Ratio Lower Upper
142 100
127 10.0 32.6 49.0#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 189.84 ug/l
RT: 4.80 min Scan# 997
Delta R.T. 0.00 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

Tgt Ion: 59 Resp: 80673
Ion Ratio Lower Upper
59 100
57 9.6 8.4 12.6





#13

Acrolein

Concen: 0.22 ug/l

RT: 3.62 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN050733.D

Acq: 17 Aug 2018 16:27

Instrument :

MSVOA_N

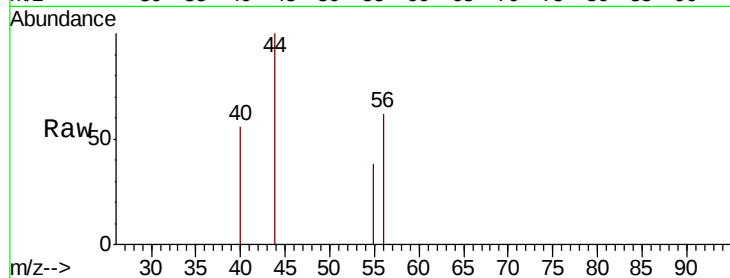
ClientSampleId :

Tot Ion: 56 Resp: 1659

Ion Ratio Lower Upper

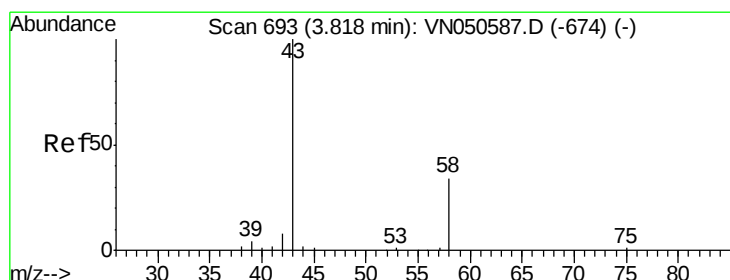
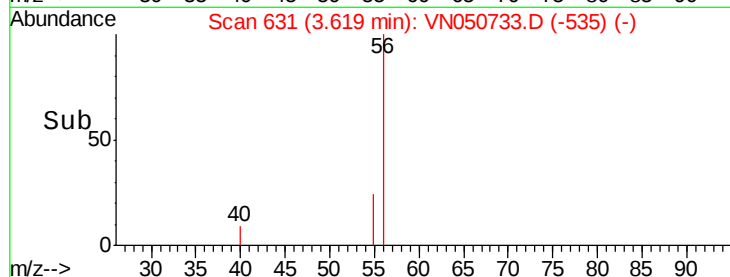
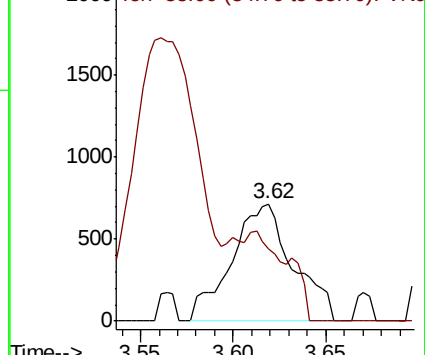
56 100

55 0.0 56.3 84.5#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 197.30 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050733.D

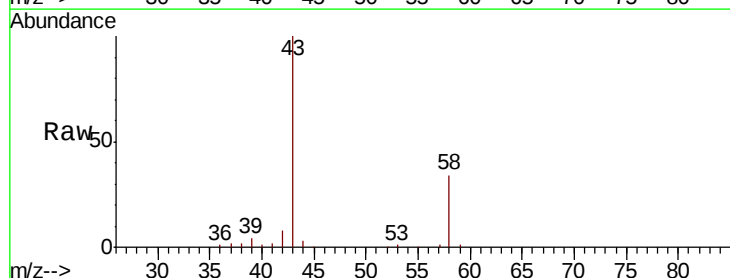
Acq: 17 Aug 2018 16:27

Tgt Ion: 43 Resp: 383986

Ion Ratio Lower Upper

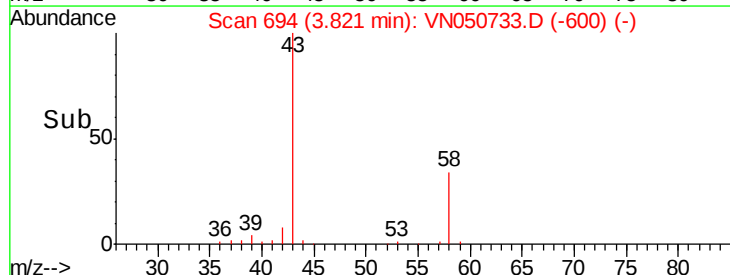
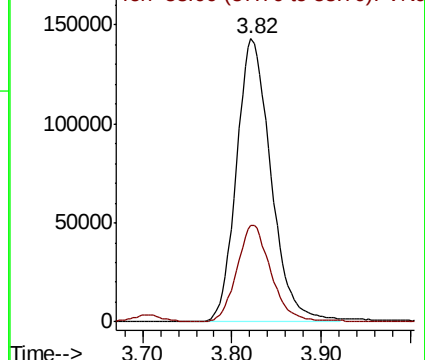
43 100

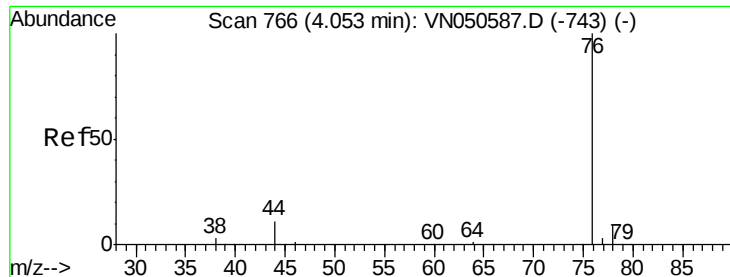
58 33.8 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

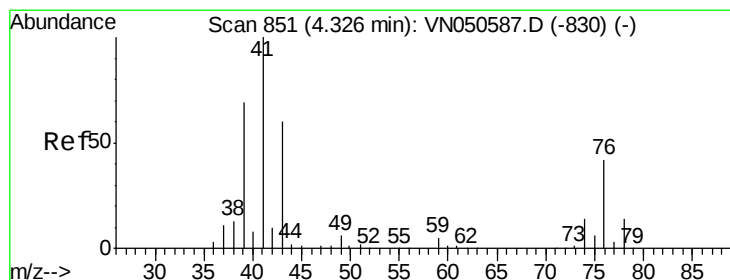
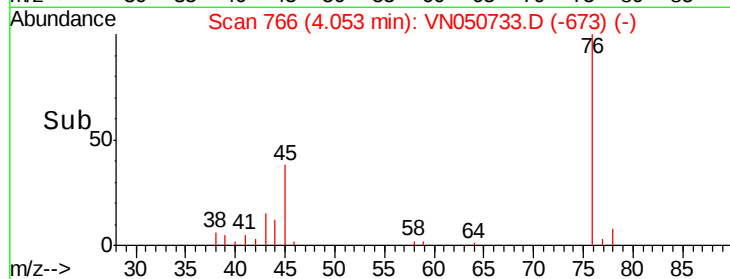
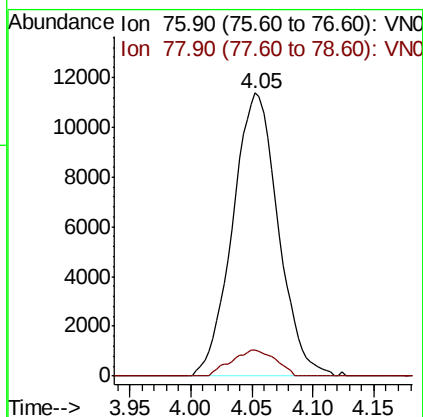
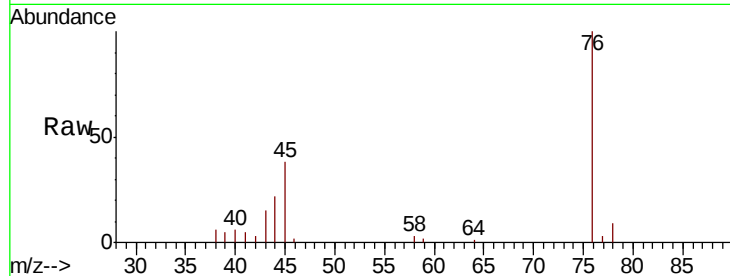




#17
Carbon Disulfide
Concen: 1.40 ug/l
RT: 4.05 min Scan# 766
Delta R.T. 0.00 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

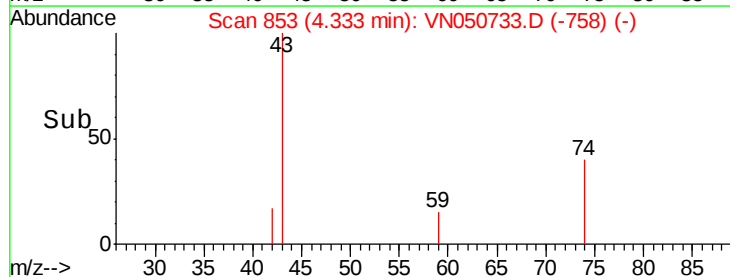
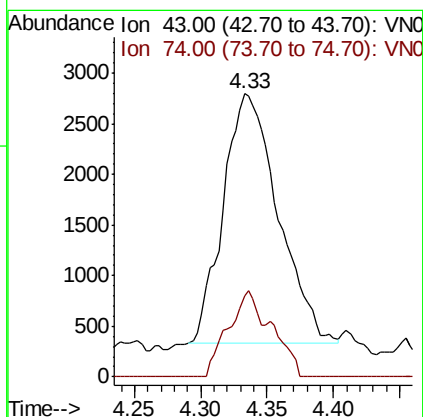
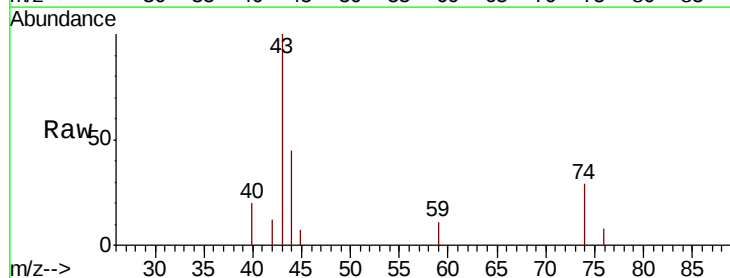
Instrument :
MSVOA_N
ClientSampleId :

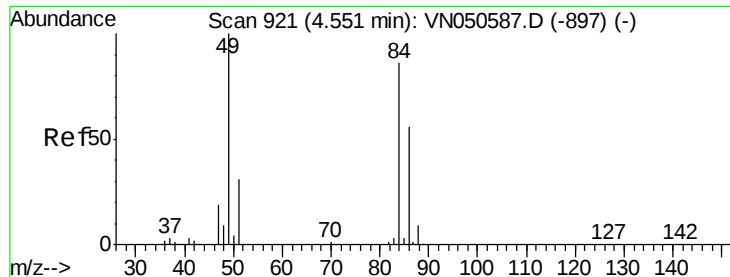
Tot Ion: 76 Resp: 29437
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 0.31 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

Tgt Ion: 43 Resp: 7096
Ion Ratio Lower Upper
43 100
74 27.1 19.7 29.5

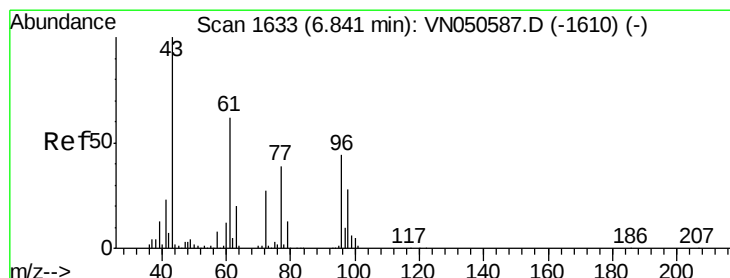
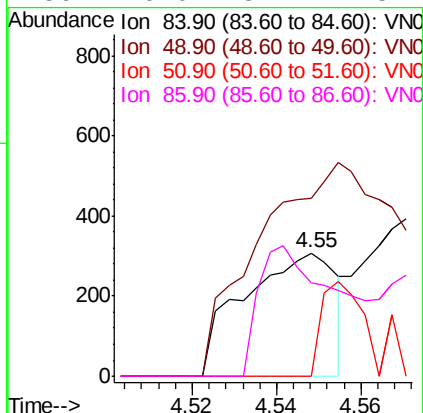
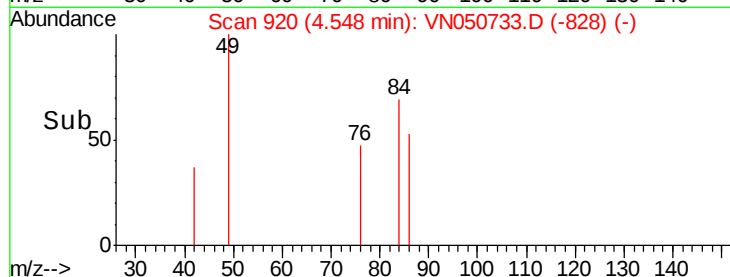
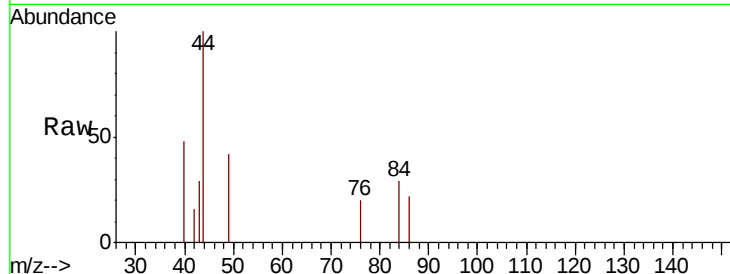




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

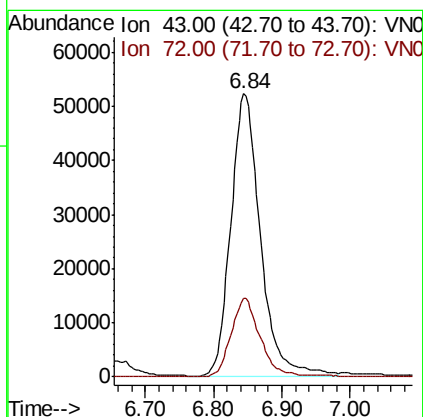
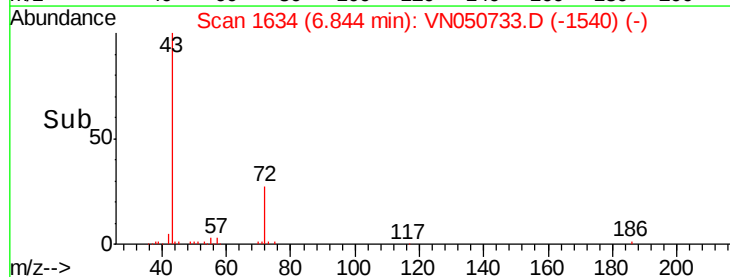
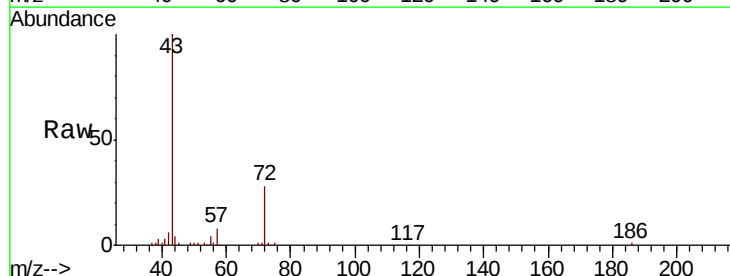
Instrument :
MSVOA_N
ClientSampled :

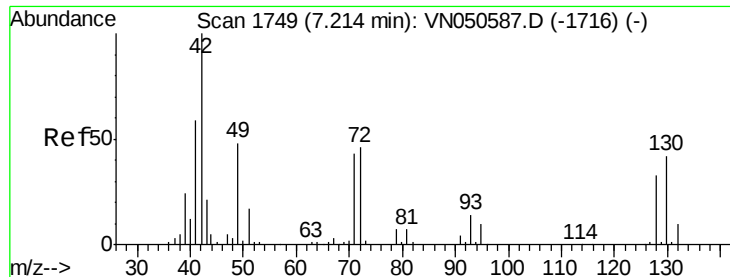
Tot Ion: 84 Resp: 463
Ion Ratio Lower Upper
84 100
49 144.5 92.6 138.8#
51 0.0 28.6 43.0#
86 76.0 52.2 78.2



#25
2-Butanone
Concen: 49.23 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

Tgt Ion: 43 Resp: 157095
Ion Ratio Lower Upper
43 100
72 27.7 21.8 32.6





#29

Tetrahydrofuran

Concen: 0.49 ug/l

RT: 7.21 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VN050733.D

Acq: 17 Aug 2018 16:27

Instrument :

MSVOA_N

ClientSampleId :

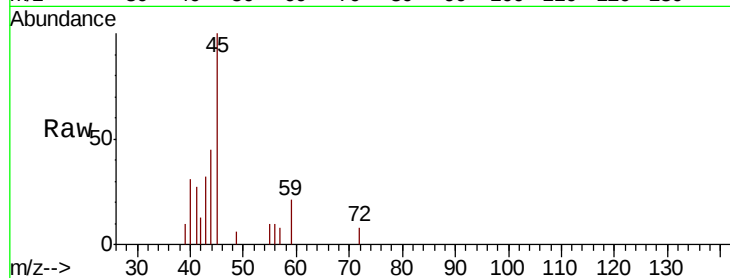
Tot Ion: 42 Resp: 818

Ion Ratio Lower Upper

42 100

72 12.6 35.8 53.6#

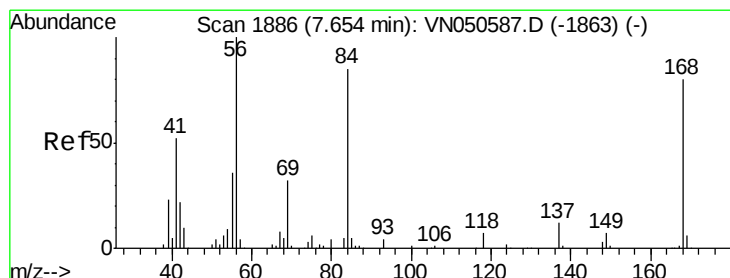
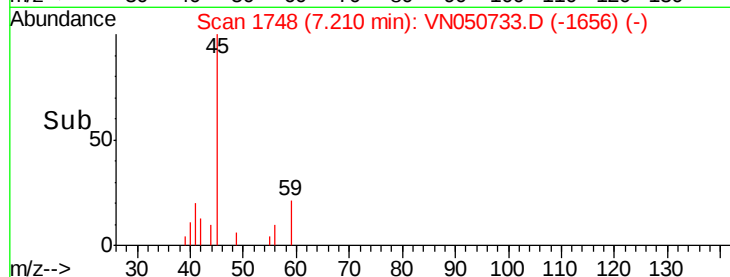
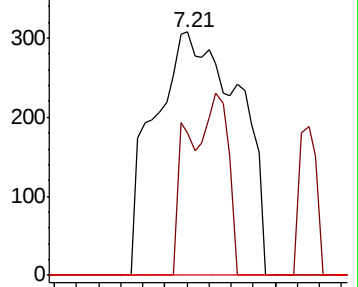
71 0.0 33.4 50.0#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.55 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.02 min

Lab File: VN050733.D

Acq: 17 Aug 2018 16:27

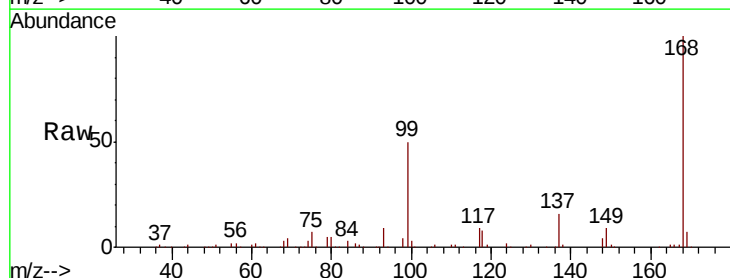
Tgt Ion: 56 Resp: 10543

Ion Ratio Lower Upper

56 100

69 199.8 25.8 38.6#

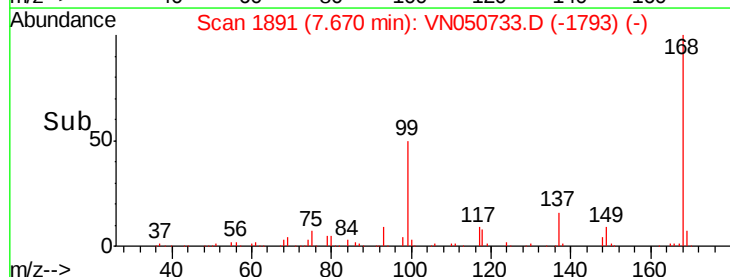
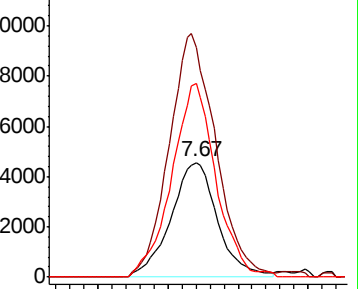
84 169.4 67.8 101.6#

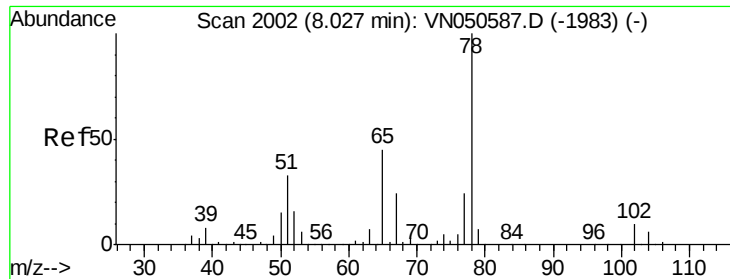


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 52.71 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050733.D

Acq: 17 Aug 2018 16:27

Instrument :

MSVOA_N

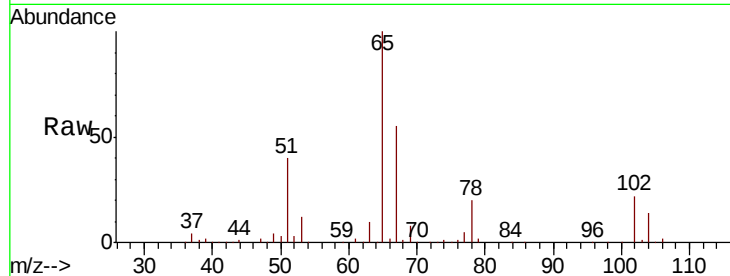
ClientSampleId :

Tot Ion: 65 Resp: 410196

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN050733.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN050733.D (-1909) (-)

8.03

200000

150000

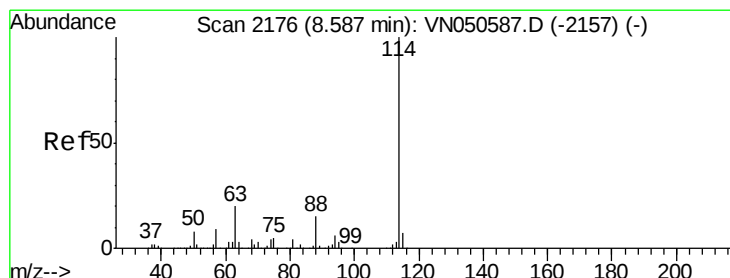
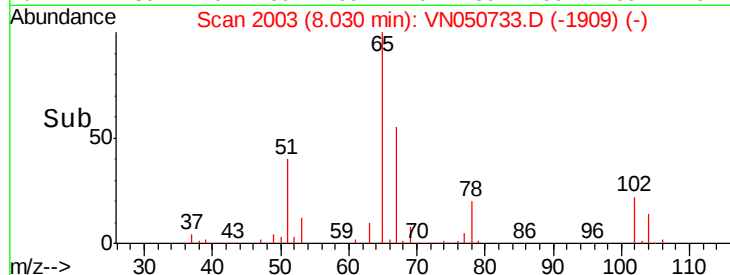
100000

50000

0

7.90 8.00 8.10 8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050733.D

Acq: 17 Aug 2018 16:27

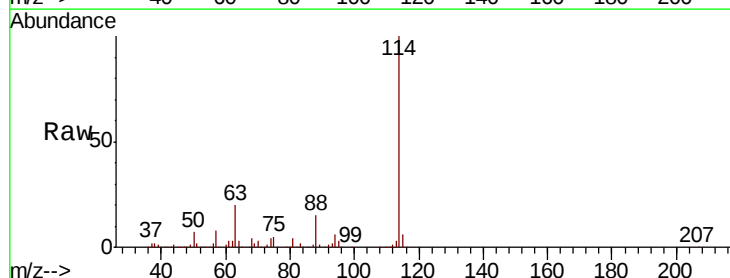
Tgt Ion: 114 Resp: 1001200

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.4 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN050733.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN050733.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN050733.D (-2083) (-)

8.59

600000

500000

400000

300000

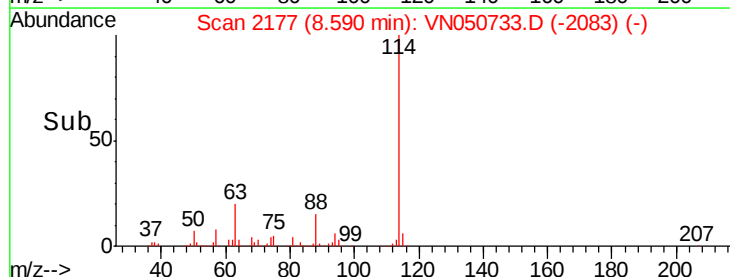
200000

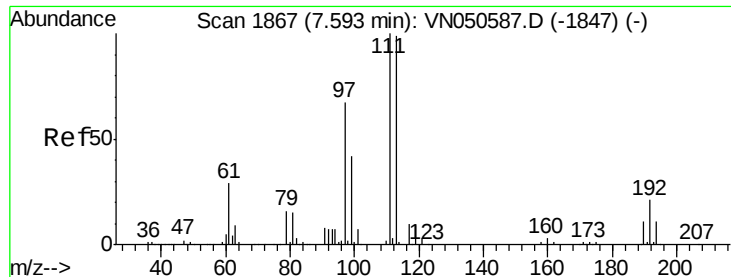
100000

0

8.50 8.60 8.70 8.80

Time-->

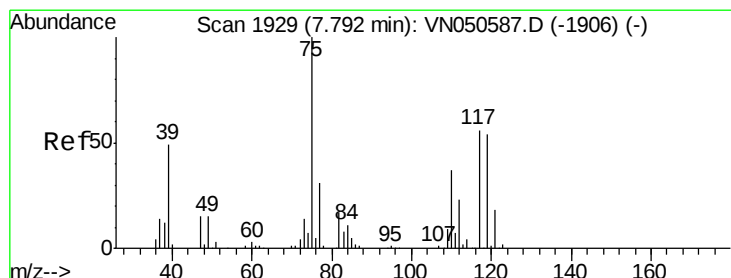
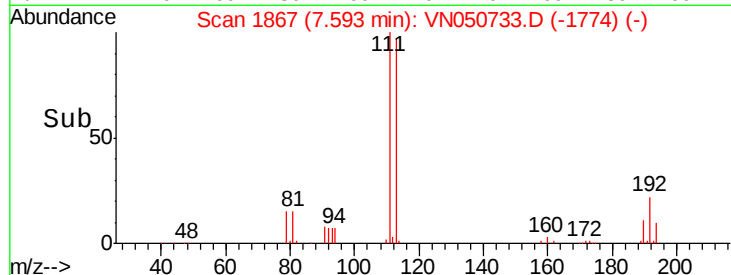
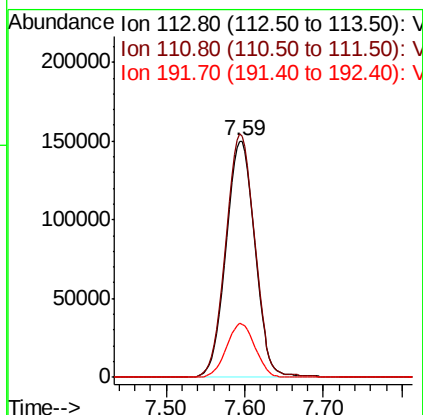
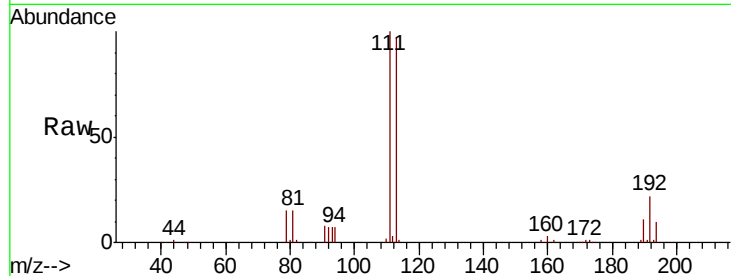




#35
 Dibromofluoromethane
 Concen: 47.83 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050733.D
 Acq: 17 Aug 2018 16:27

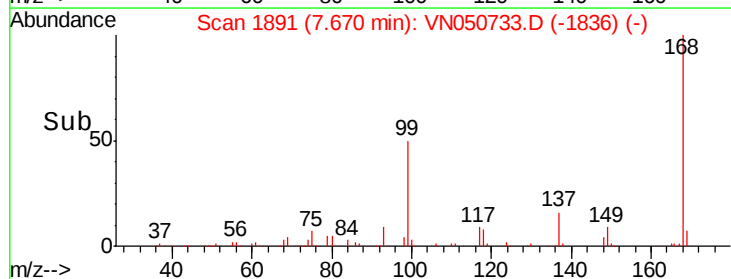
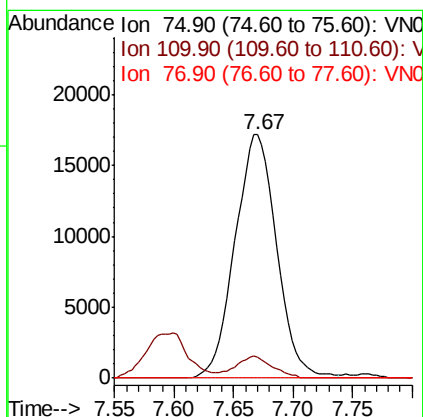
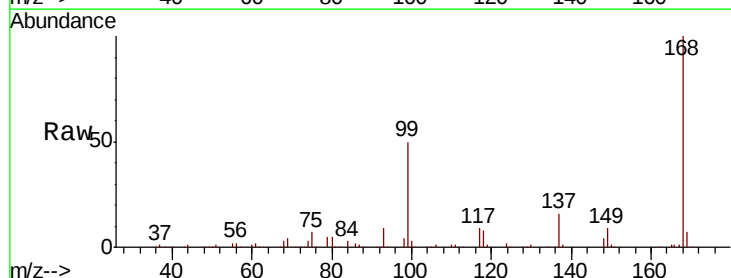
Instrument :
 MSVOA_N
 ClientSampleId :

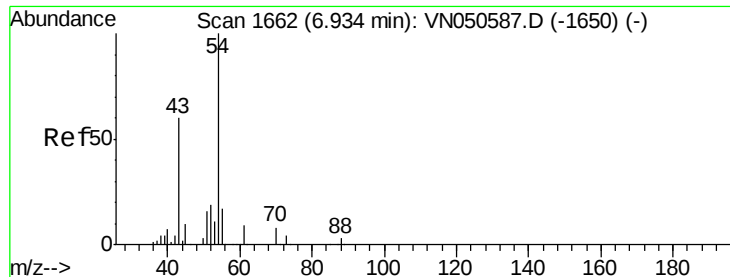
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.0	121.6
192	22.5	17.6	26.4



#36
 1,1-Dichloropropene
 Concen: 3.74 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.12 min
 Lab File: VN050733.D
 Acq: 17 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.7	18.3	54.9#
77	0.0	25.0	37.4#

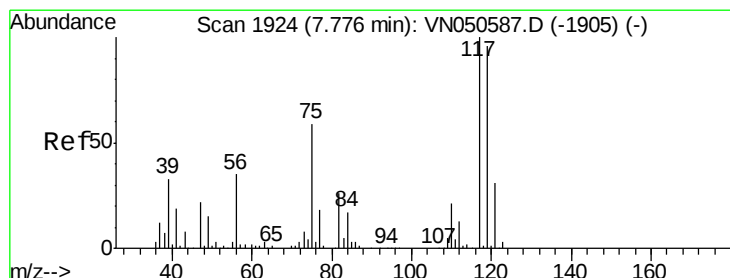
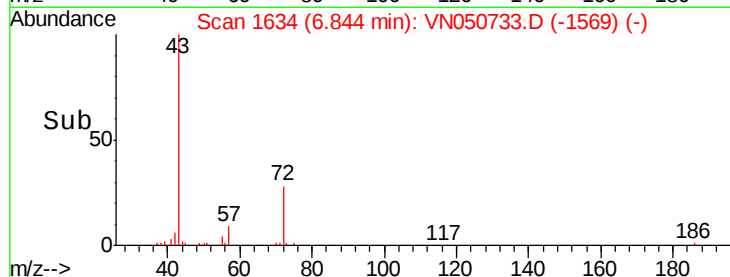
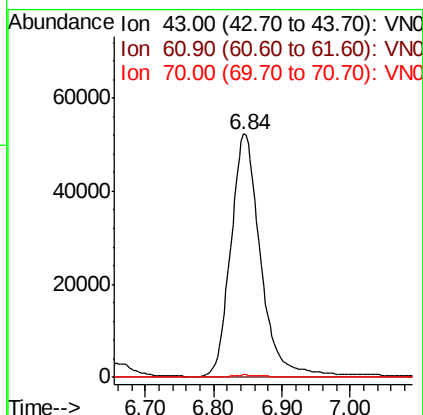
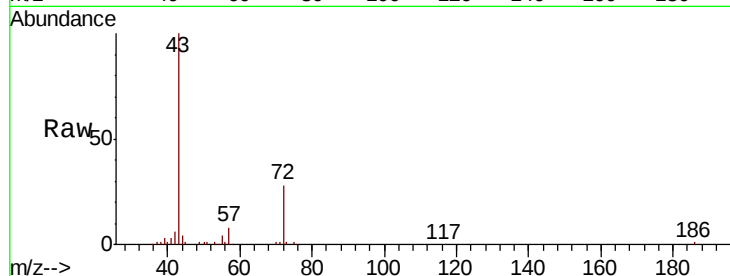




#37
Ethyl Acetate
Concen: 24.94 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. -0.09 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

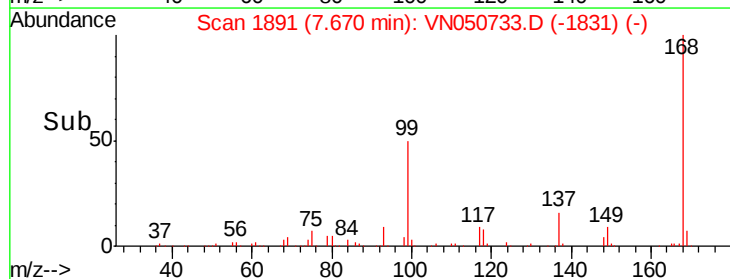
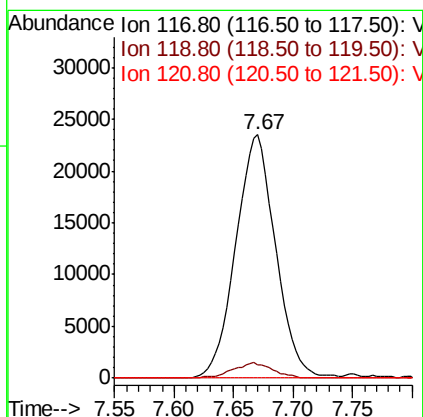
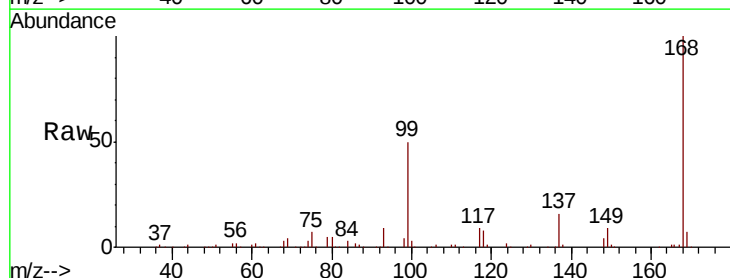
Instrument :
MSVOA_N
ClientSampleId :

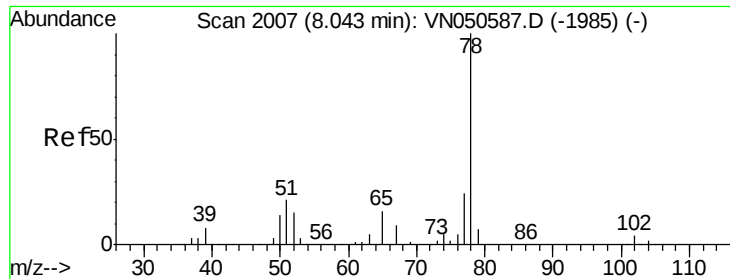
Tot Ion: 43 Resp: 157095
Ion Ratio Lower Upper
43 100
61 0.0 12.0 18.0#
70 0.2 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 4.71 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

Tgt Ion: 117 Resp: 54482
Ion Ratio Lower Upper
117 100
119 5.7 76.6 115.0#
121 0.0 25.0 37.6#





#40

Benzene

Concen: 3.66 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. -0.00 min

Lab File: VN050733.D

Acq: 17 Aug 2018 16:27

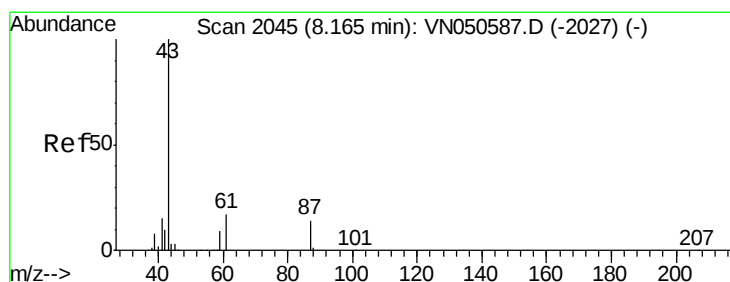
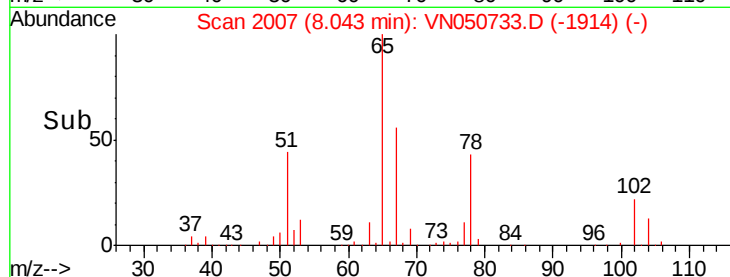
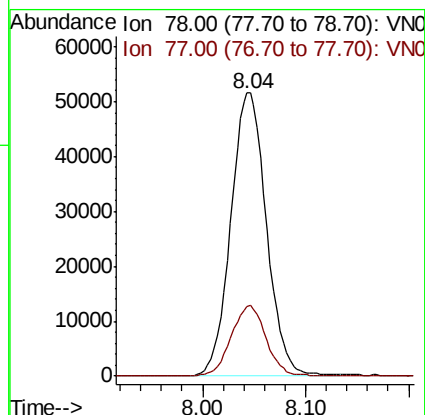
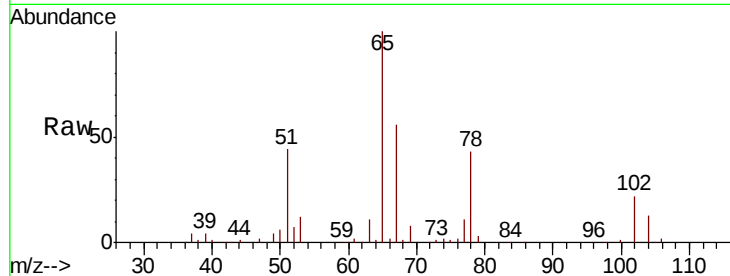
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 78 Resp: 123939

Ion Ratio Lower Upper

78 100

77 24.5 19.0 28.6



#43

Isopropyl Acetate

Concen: 6.84 ug/l

RT: 8.27 min Scan# 2079

Delta R.T. 0.11 min

Lab File: VN050733.D

Acq: 17 Aug 2018 16:27

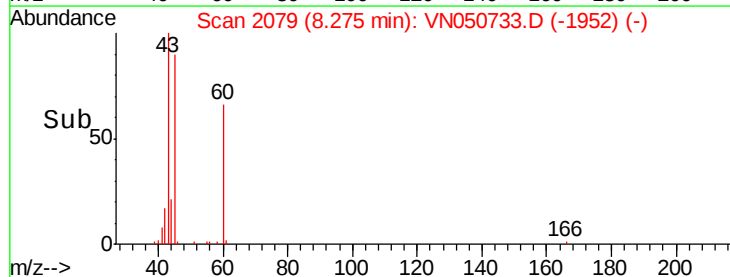
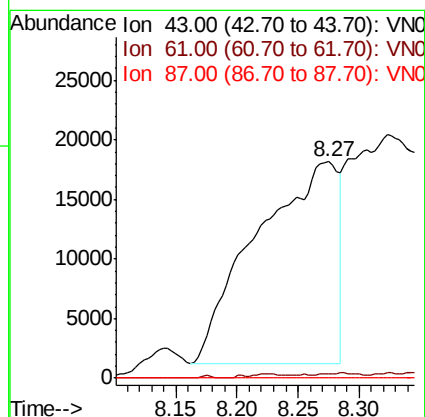
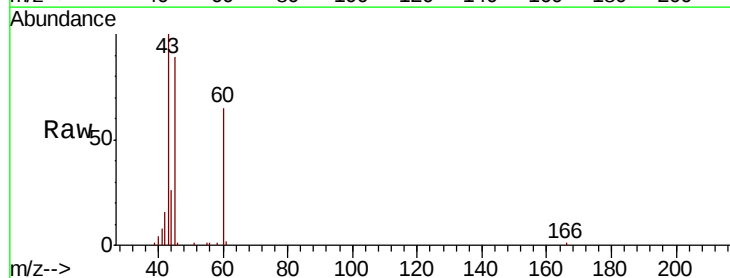
Tgt Ion: 43 Resp: 78511

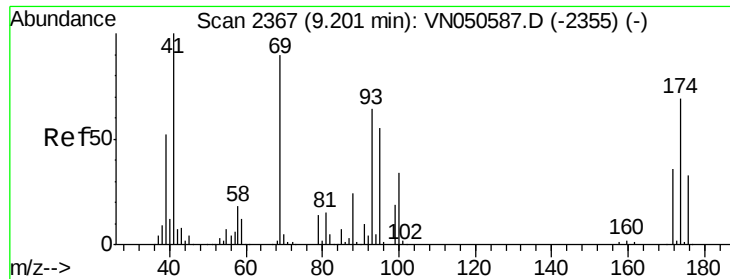
Ion Ratio Lower Upper

43 100

61 0.3 16.2 24.2#

87 0.0 10.9 16.3#

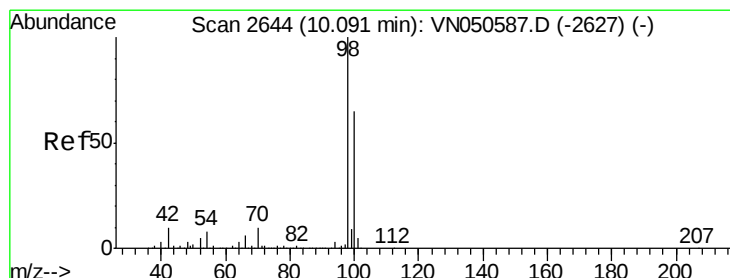
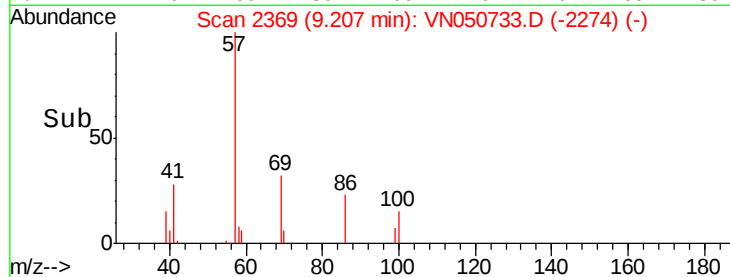
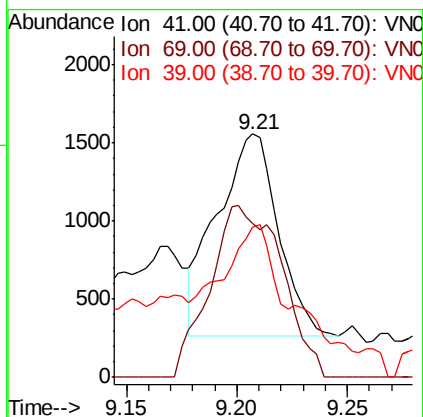
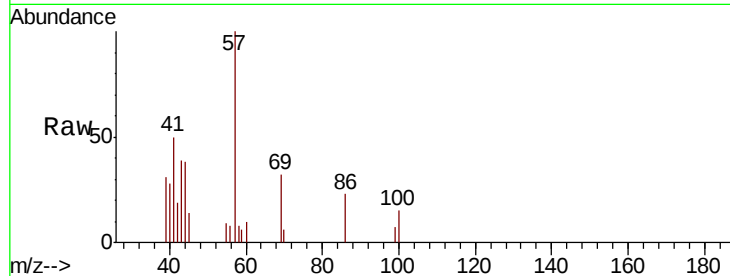




#48
Methvl methacrvlate
Concen: 0.43 ug/l
RT: 9.21 min Scan# 2369
Delta R.T. 0.01 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

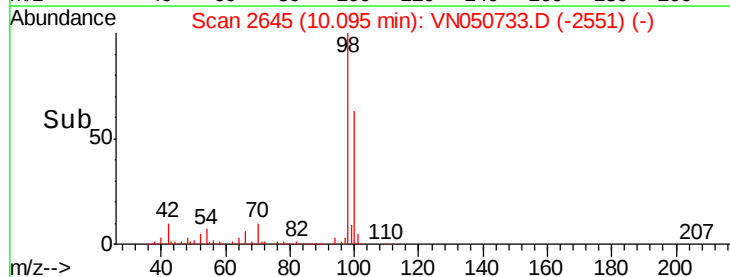
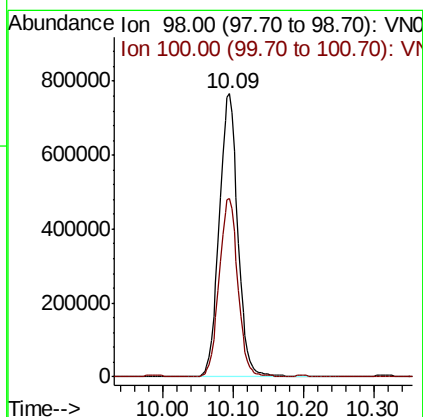
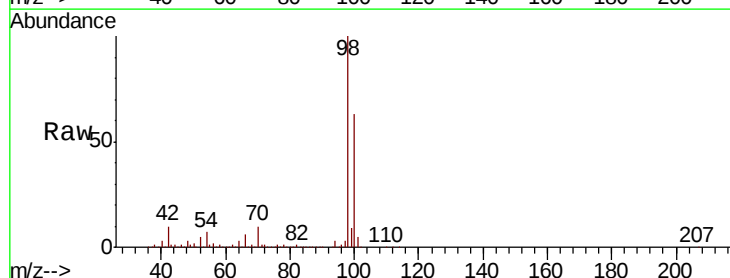
Instrument :
MSVOA_N
ClientSampleId :

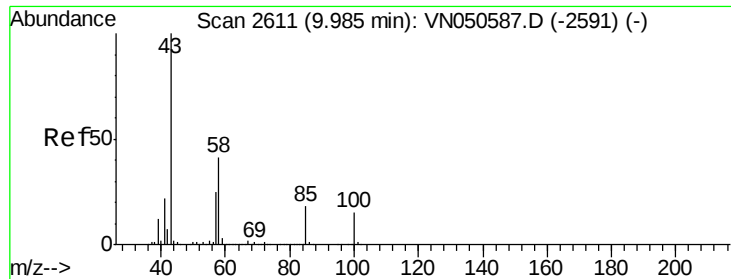
Tot Ion: 41 Resp: 2502
Ion Ratio Lower Upper
41 100
69 99.3 73.4 110.0
39 50.8 43.0 64.6



#50
Toluene-d8
Concen: 46.84 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

Tgt Ion: 98 Resp: 1409058
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.8

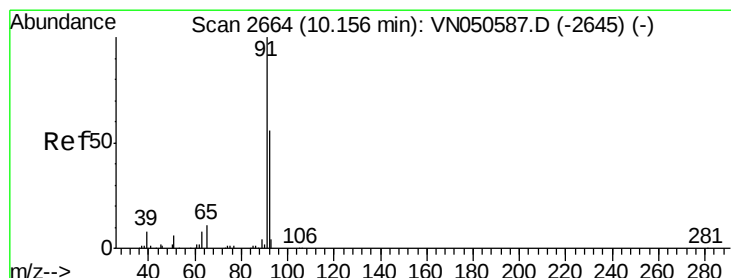
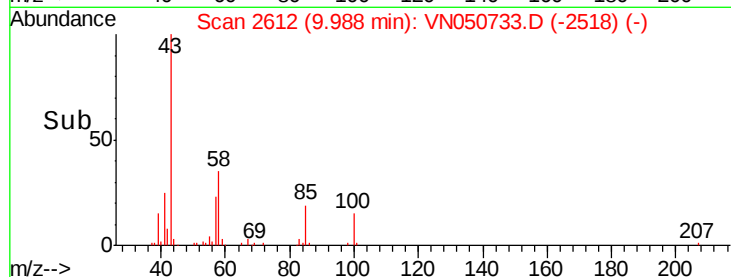
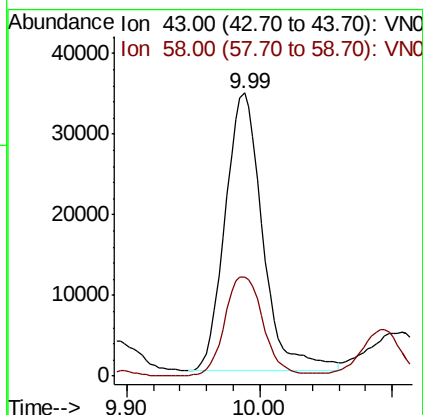
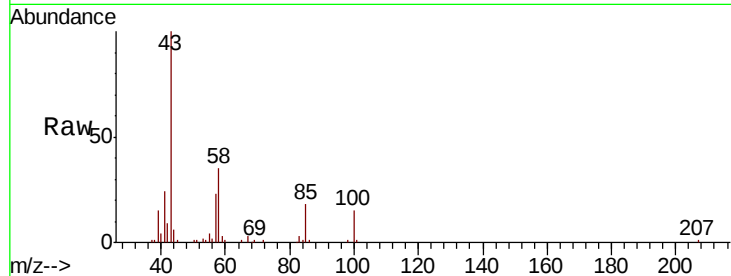




#51
 4-Methyl-2-Pentanone
 Concen: 8.76 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN050733.D
 Acq: 17 Aug 2018 16:27

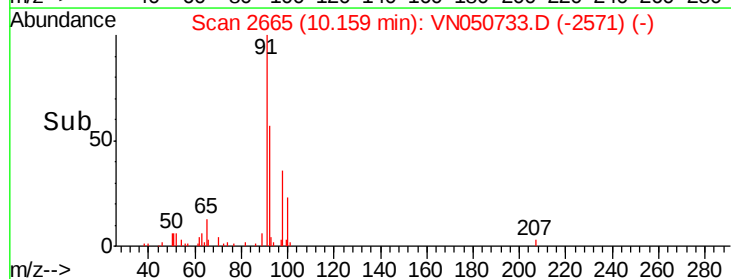
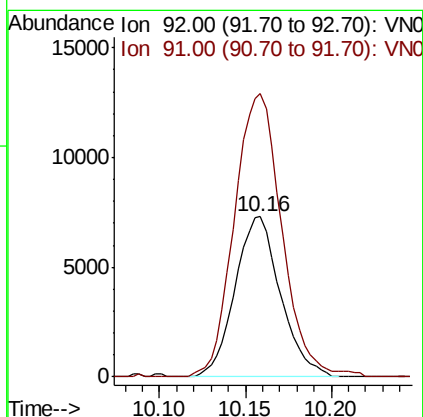
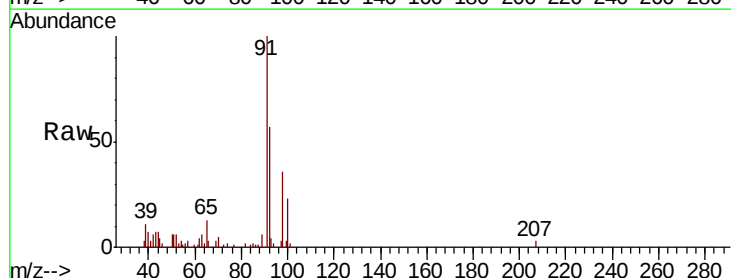
Instrument :
 MSVOA_N
 ClientSampled :

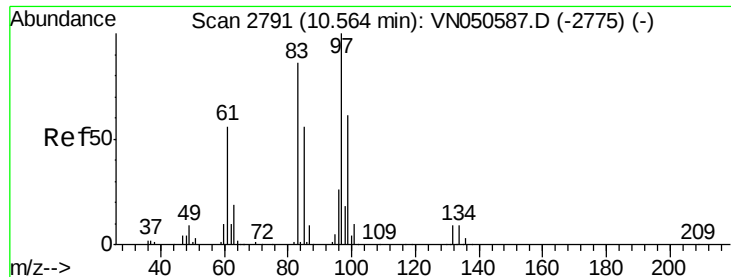
Tot Ion: 43 Resp: 68022
 Ion Ratio Lower Upper
 43 100
 58 36.5 32.5 48.7



#52
 Toluene
 Concen: 0.66 ug/l
 RT: 10.16 min Scan# 2665
 Delta R.T. 0.00 min
 Lab File: VN050733.D
 Acq: 17 Aug 2018 16:27

Tgt Ion: 92 Resp: 13415
 Ion Ratio Lower Upper
 92 100
 91 182.9 141.9 212.9

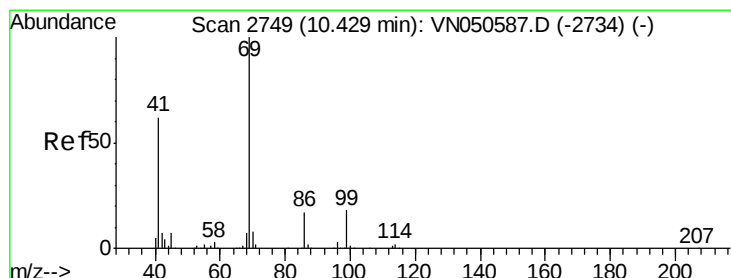
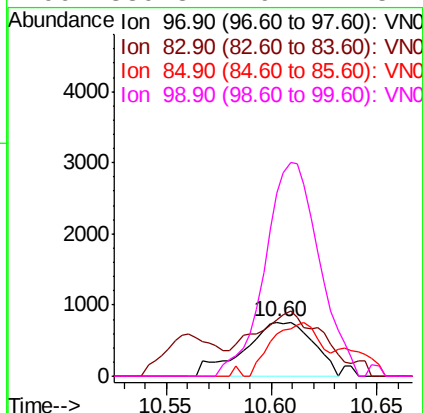
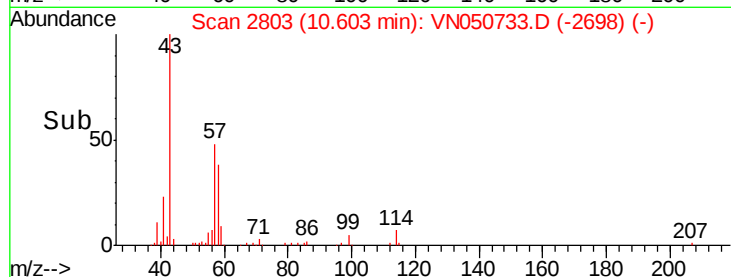
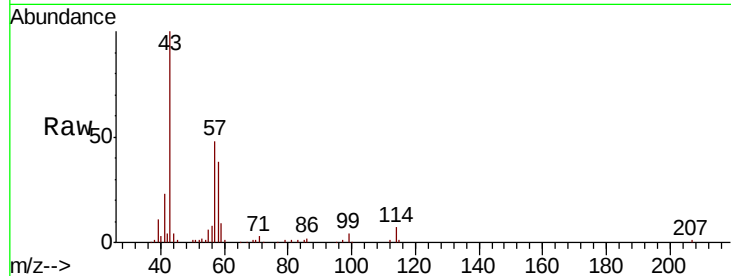




#55
 1,1,2-Trichloroethane
 Concen: 0.23 ug/l
 RT: 10.60 min Scan# 2803
 Delta R.T. 0.04 min
 Lab File: VN050733.D
 Acq: 17 Aug 2018 16:27

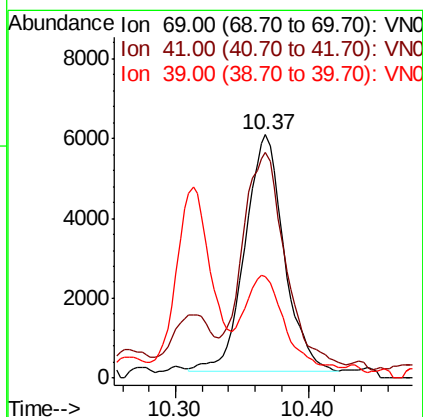
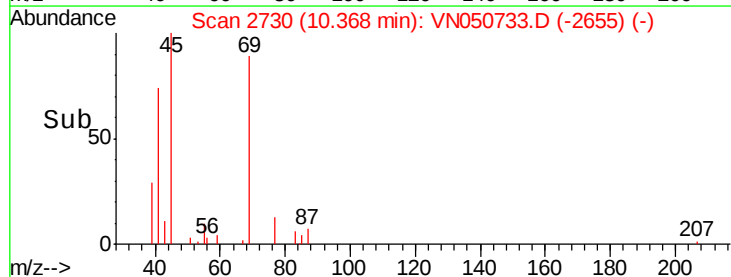
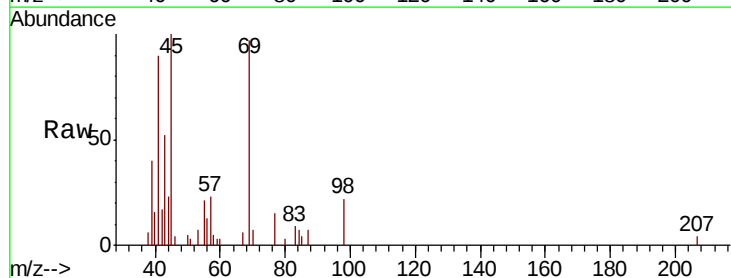
Instrument :
 MSVOA_N
 ClientSampleId :

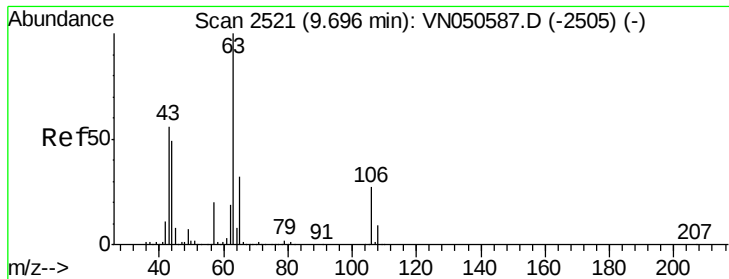
Tot Ion: 97 Resp: 1743
 Ion Ratio Lower Upper
 97 100
 83 63.1 68.5 102.7#
 85 79.2 44.6 66.8#
 99 339.3 49.1 73.7#



#56
 Ethyl methacrylate
 Concen: 3.11 ug/l
 RT: 10.37 min Scan# 2730
 Delta R.T. -0.06 min
 Lab File: VN050733.D
 Acq: 17 Aug 2018 16:27

Tgt Ion: 69 Resp: 12108
 Ion Ratio Lower Upper
 69 100
 41 96.9 49.7 74.5#
 39 39.5 24.2 36.2#

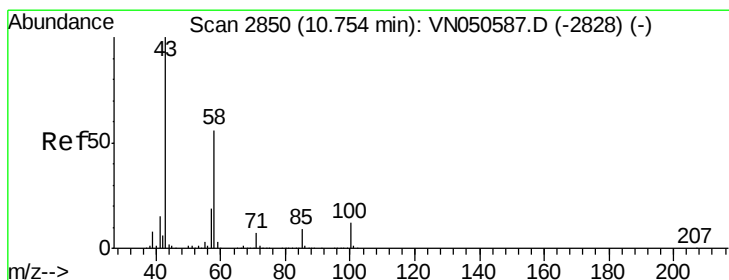
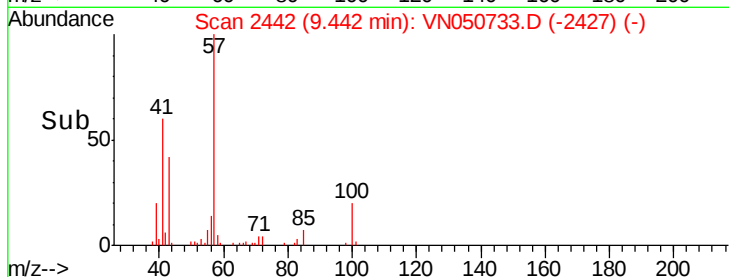
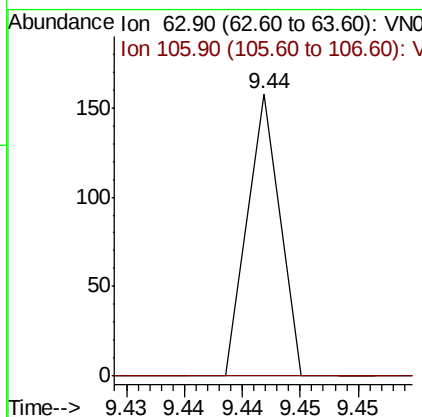
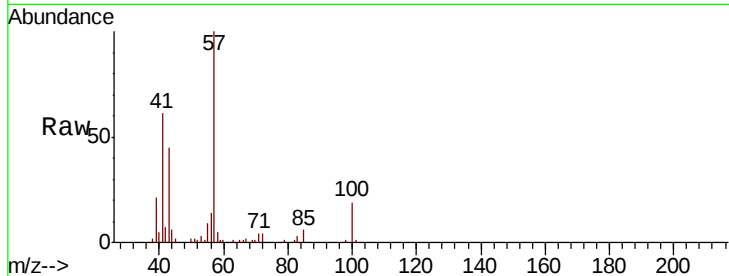




#58
2-Chloroethyl Vinyl ether
Concen: 10.42 ug/l
RT: 9.44 min Scan# 2442
Delta R.T. -0.25 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

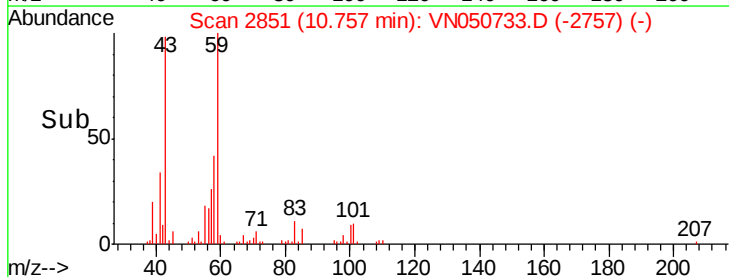
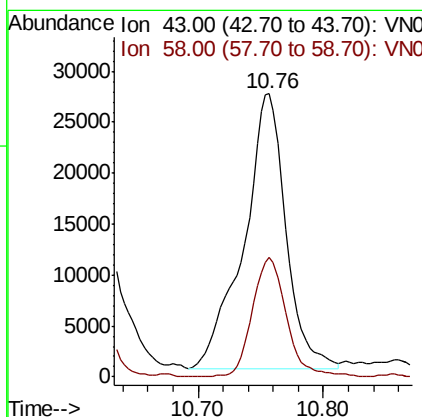
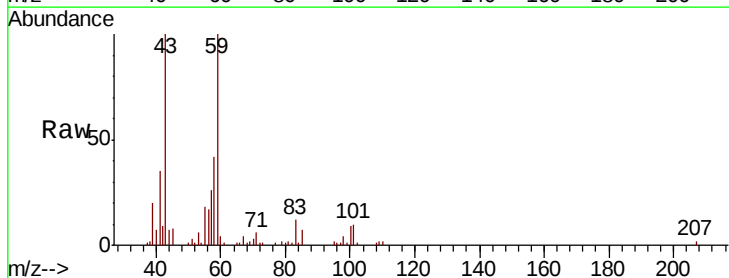
Instrument :
MSVOA_N
ClientSampleId :

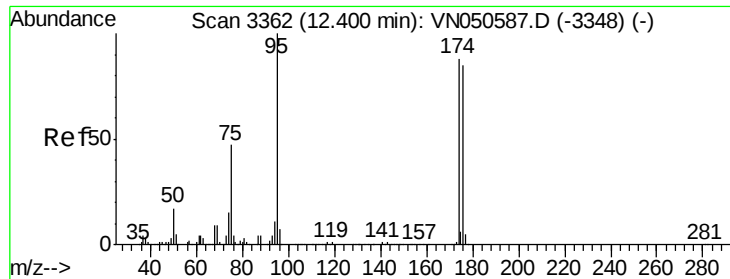
Tot Ion: 63 Resp: 30
Ion Ratio Lower Upper
63 100
106 0.0 21.7 32.5#



#59
2-Hexanone
Concen: 12.60 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

Tgt Ion: 43 Resp: 63143
Ion Ratio Lower Upper
43 100
58 35.4 28.0 84.0

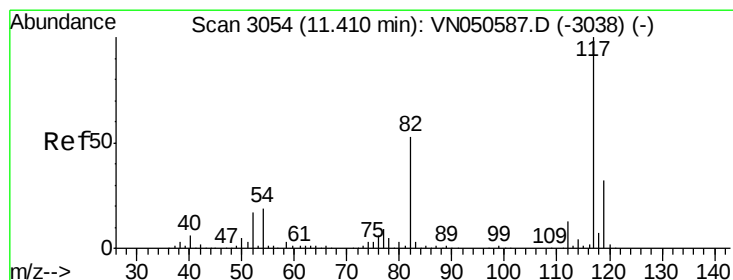
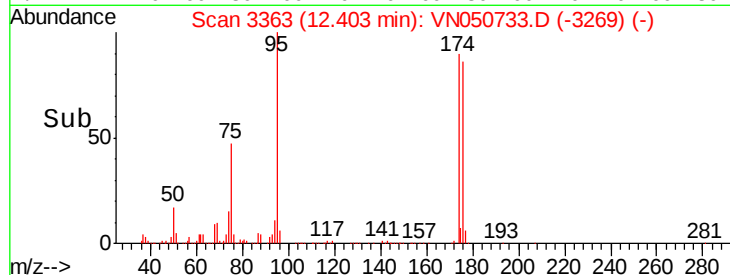
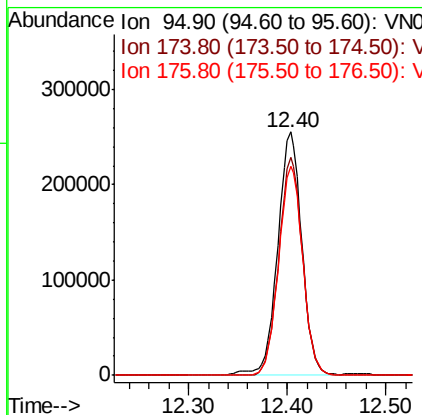
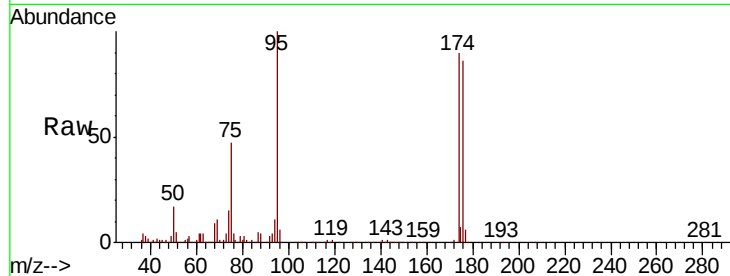




#62
4-Bromofluorobenzene
Concen: 43.53 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

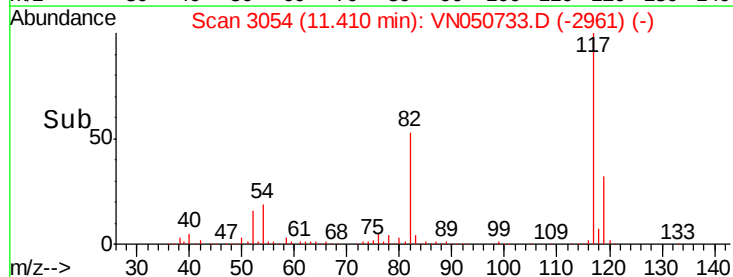
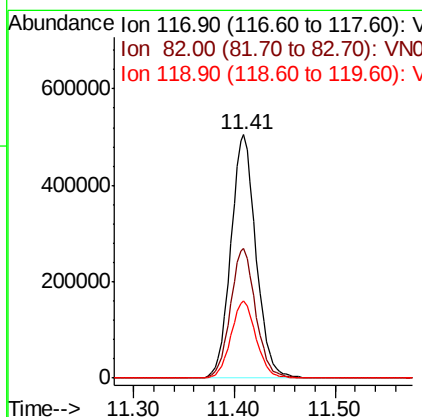
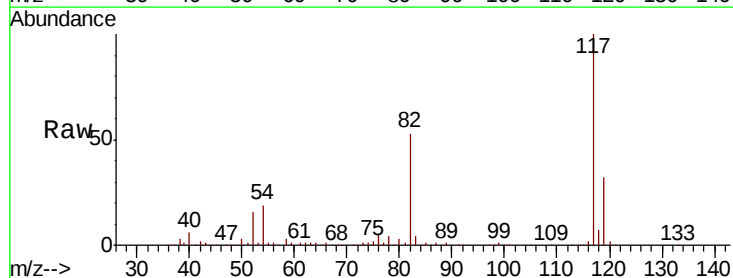
Instrument :
MSVOA_N
ClientSampleId :

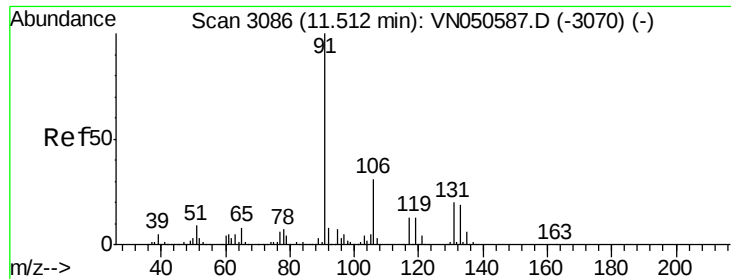
Tot Ion: 95 Resp: 432636
Ion Ratio Lower Upper
95 100
174 87.6 0.0 177.8
176 85.5 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

Tgt Ion: 117 Resp: 874420
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 31.6 25.8 38.8

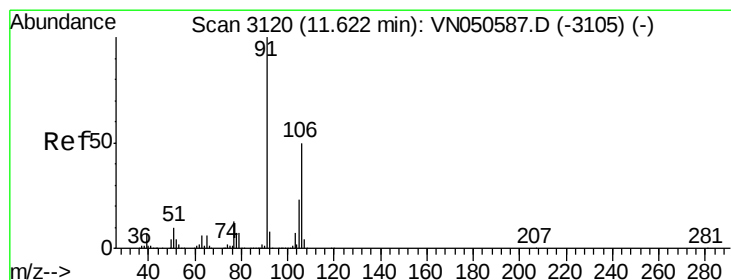
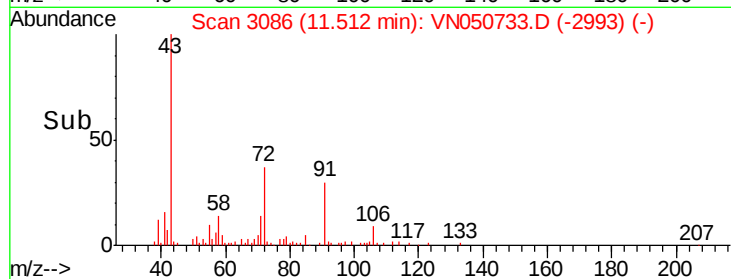
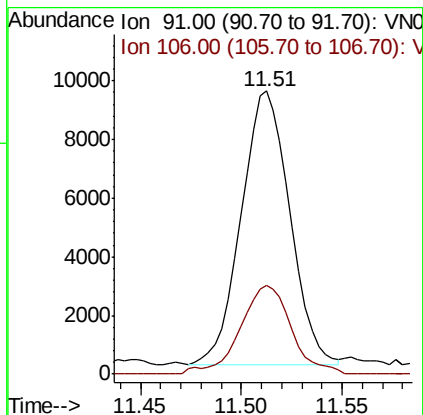
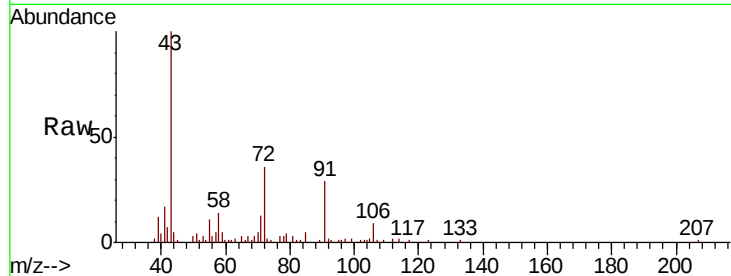




#67
Ethyl Benzene
Concen: 0.44 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

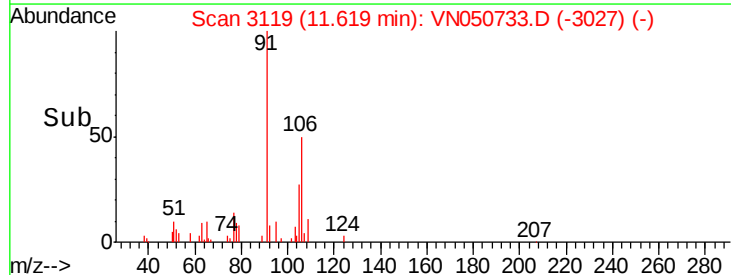
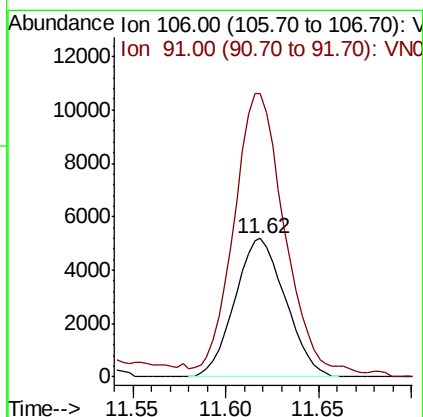
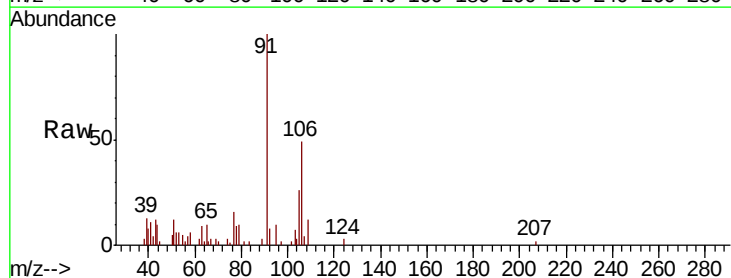
Instrument :
MSVOA_N
ClientSampled :

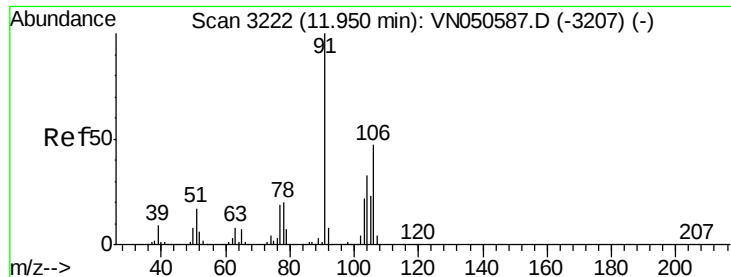
Tot Ion: 91 Resp: 15632
Ion Ratio Lower Upper
91 100
106 30.8 24.8 37.2



#68
m/p-Xylenes
Concen: 0.73 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

Tgt Ion: 106 Resp: 9810
Ion Ratio Lower Upper
106 100
91 198.8 161.5 242.3

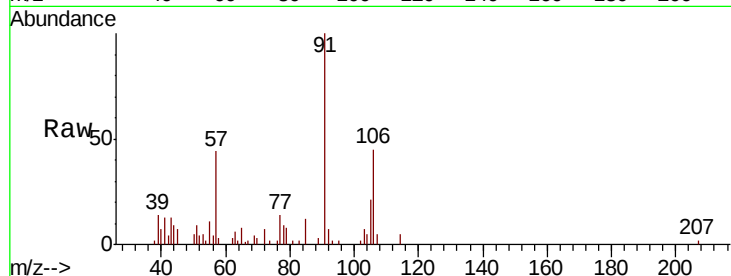




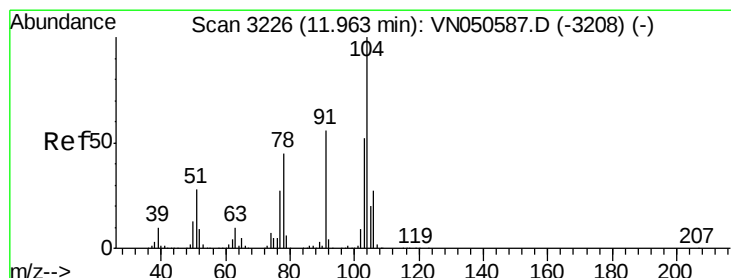
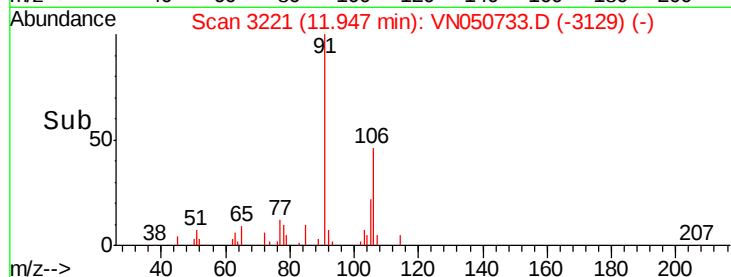
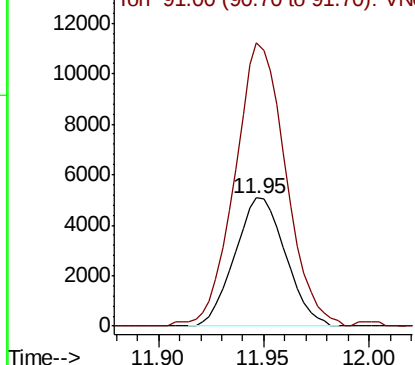
#69
o-Xylene
Concen: 0.66 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:106 Resp: 8519
Ion Ratio Lower Upper
106 100
91 221.8 106.8 320.4

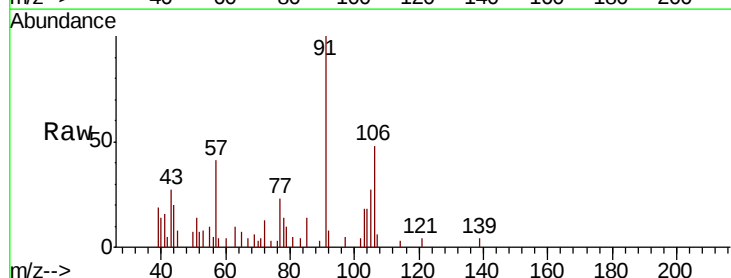


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

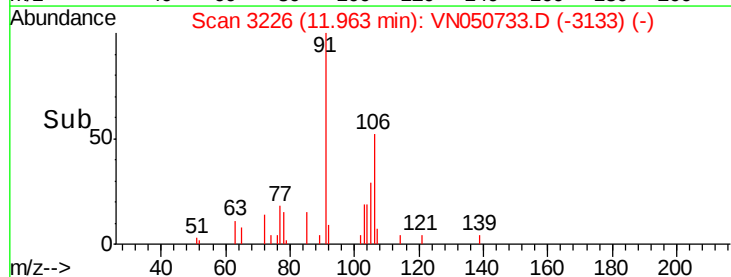
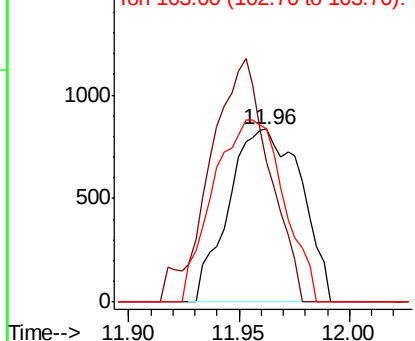


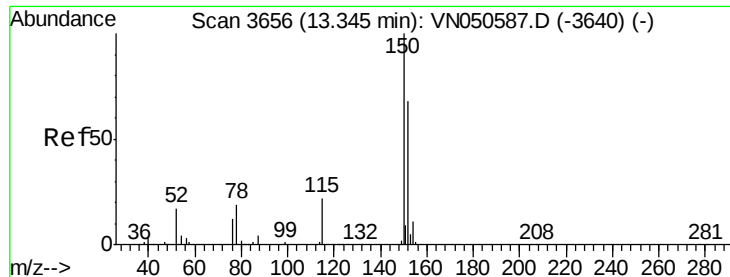
#70
Styrene
Concen: 1.02 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

Tgt Ion:104 Resp: 1901
Ion Ratio Lower Upper
104 100
78 115.0 39.1 58.7#
103 102.3 44.9 67.3#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050733.D

Acq: 17 Aug 2018 16:27

Instrument :

MSVOA_N

ClientSampleId :

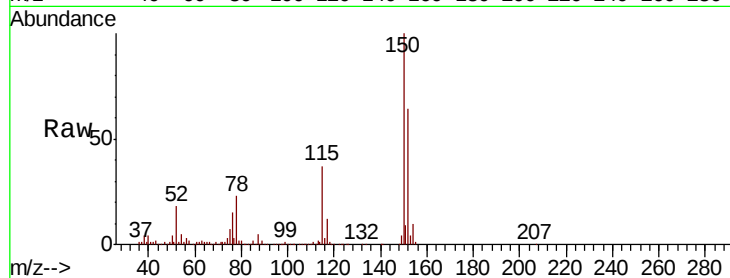
Tot Ion:152 Resp: 355220

Ion Ratio Lower Upper

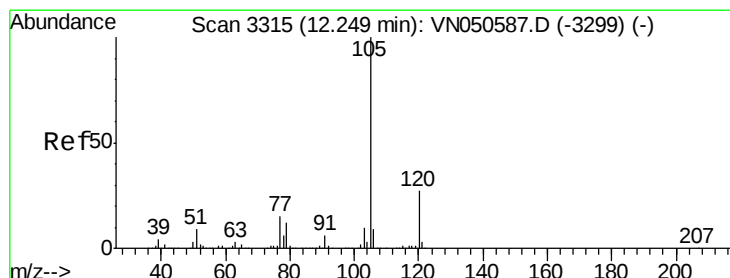
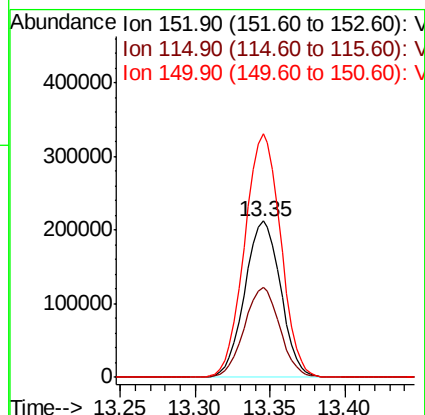
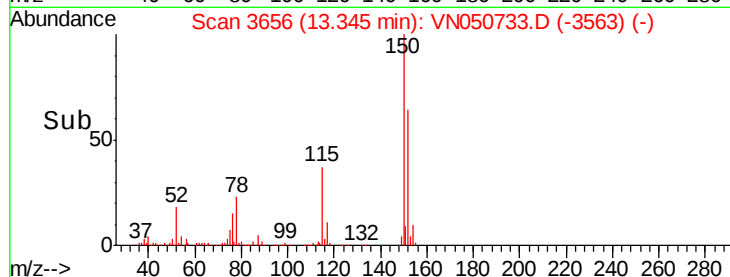
152 100

115 57.1 28.1 84.2

150 156.5 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



#73

Isopropylbenzene

Concen: 0.33 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050733.D

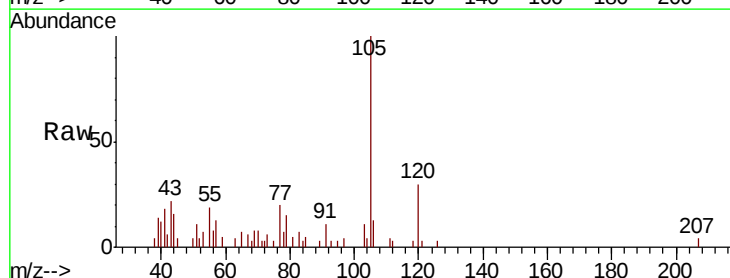
Acq: 17 Aug 2018 16:27

Tgt Ion:105 Resp: 9063

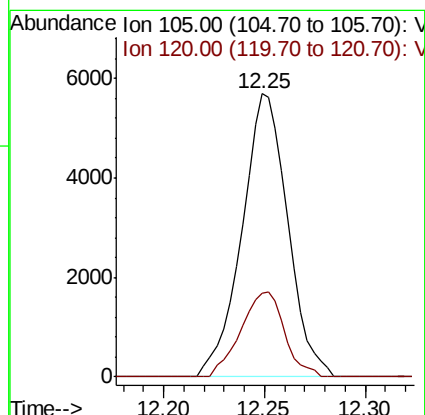
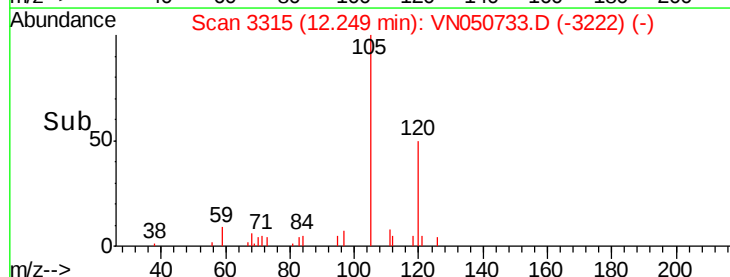
Ion Ratio Lower Upper

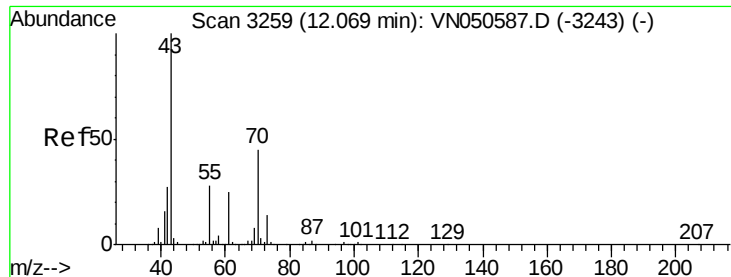
105 100

120 28.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.35 ug/l

RT: 12.03 min Scan# 3247

Delta R.T. -0.04 min

Lab File: VN050733.D

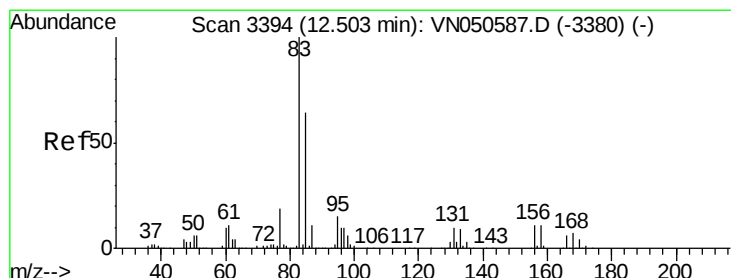
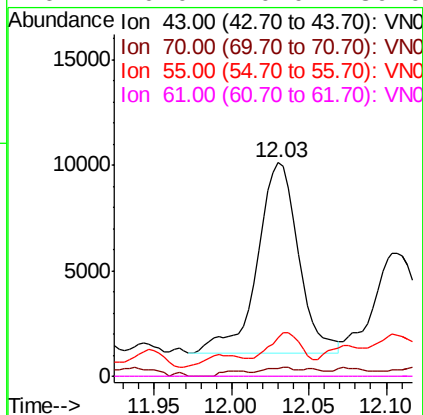
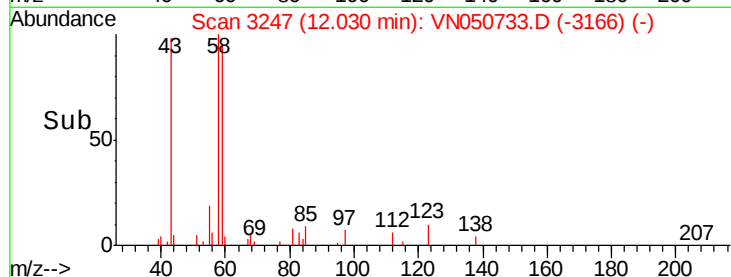
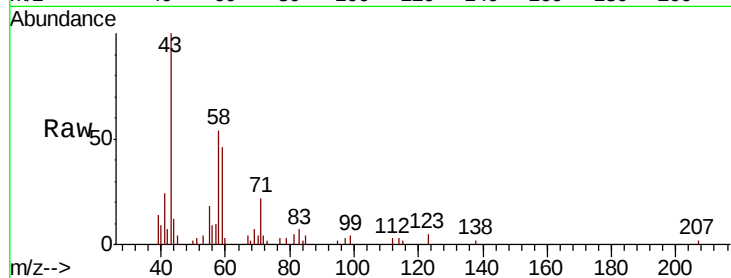
Acq: 17 Aug 2018 16:27

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	43	Resp:	16961
Ion	Ratio	Lower	Upper
43	100		
70	0.0	35.9	53.9#
55	9.9	22.2	33.4#
61	0.0	20.0	30.0#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

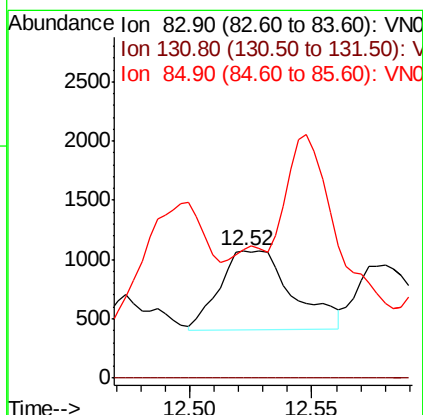
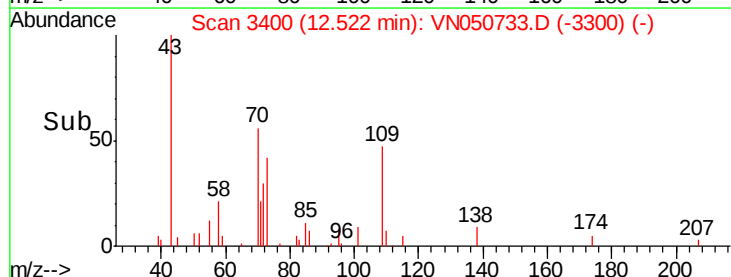
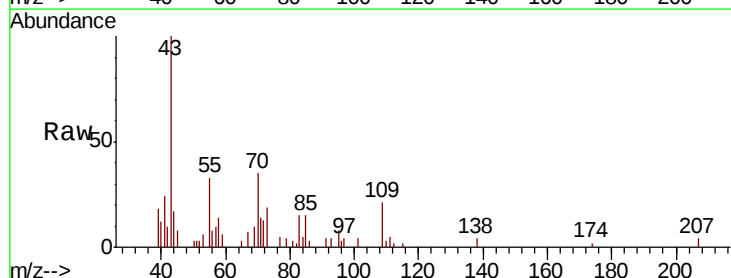
RT: 12.52 min Scan# 3400

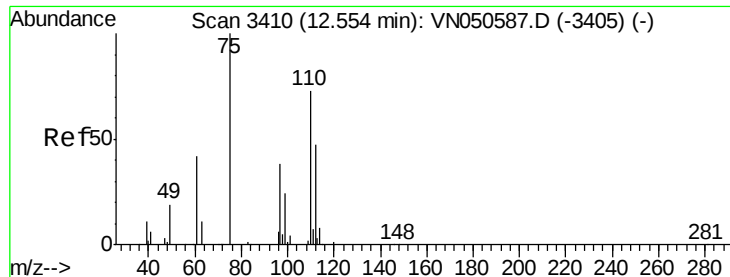
Delta R.T. 0.02 min

Lab File: VN050733.D

Acq: 17 Aug 2018 16:27

Tgt Ion:	83	Resp:	1371
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.3	15.9#
85	0.0	32.1	96.5#





#76

1,2,3-Trichloropropane

Concen: 34.48 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050733.D

Acq: 17 Aug 2018 16:27

Instrument :

MSVOA_N

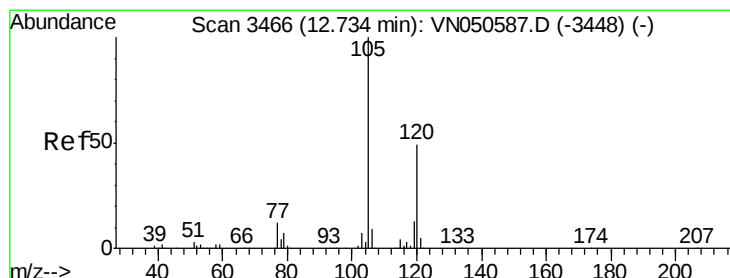
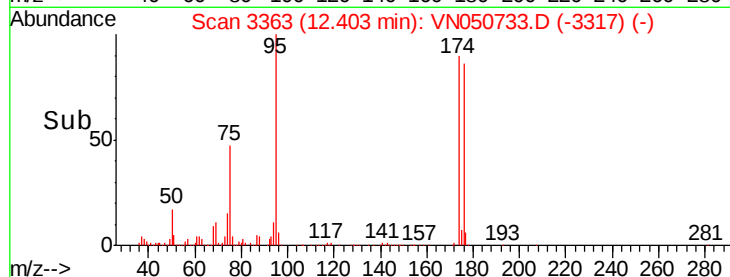
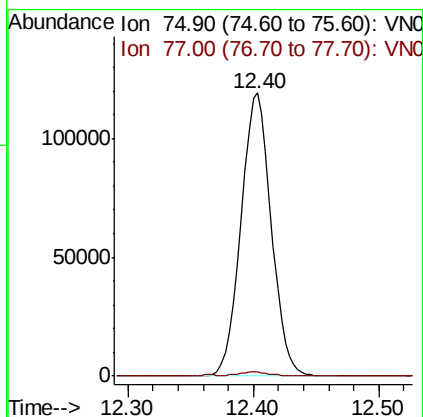
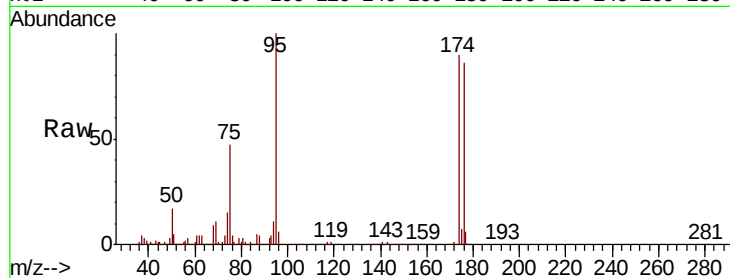
ClientSampleId :

Tot Ion: 75 Resp: 199689

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.57 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050733.D

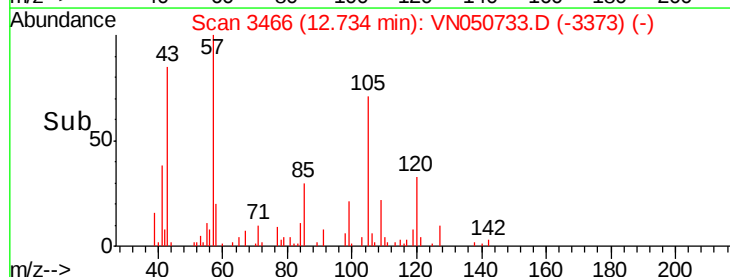
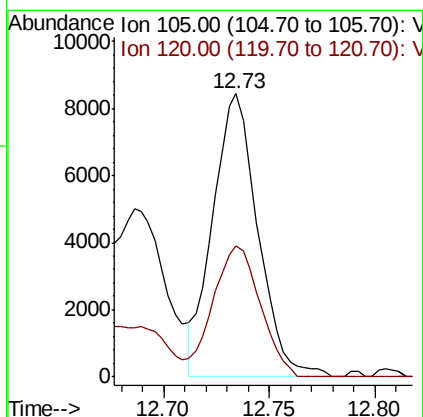
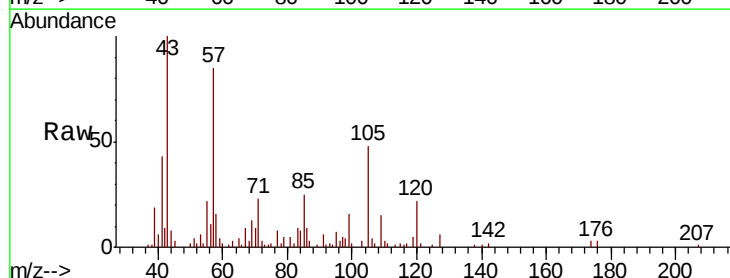
Acq: 17 Aug 2018 16:27

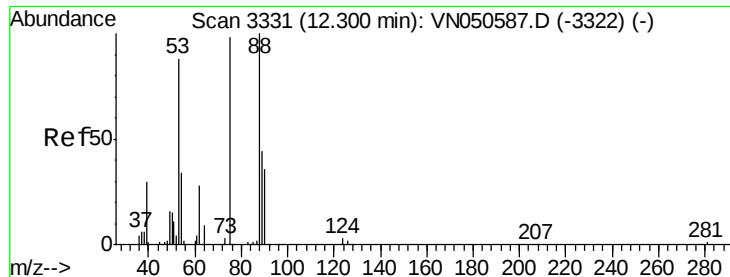
Tgt Ion: 105 Resp: 12560

Ion Ratio Lower Upper

105 100

120 48.8 24.7 74.1

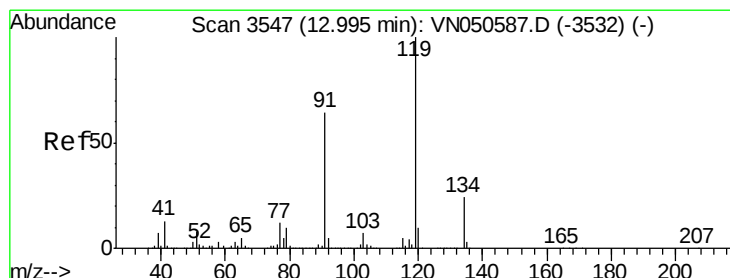
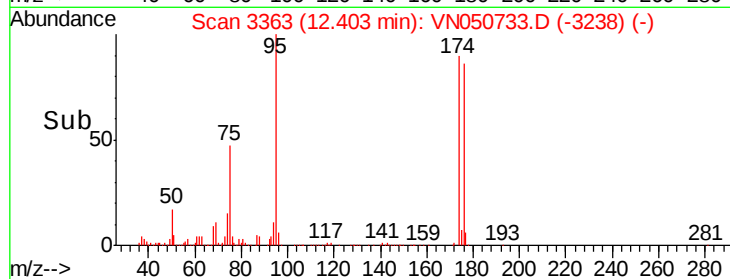
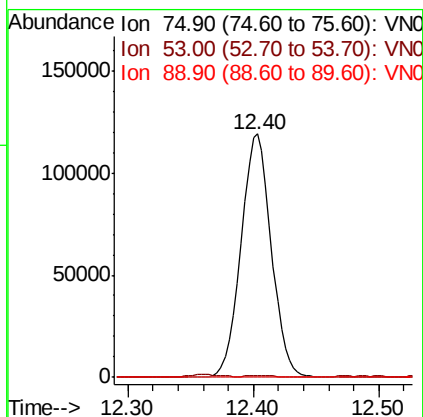
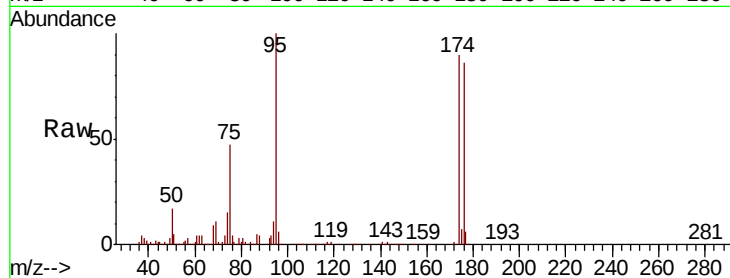




#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.98 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.10 min
 Lab File: VN050733.D
 Acq: 17 Aug 2018 16:27

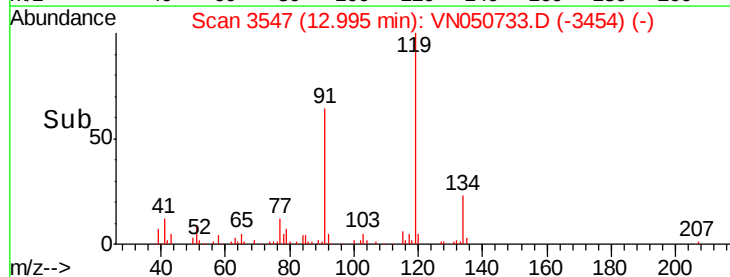
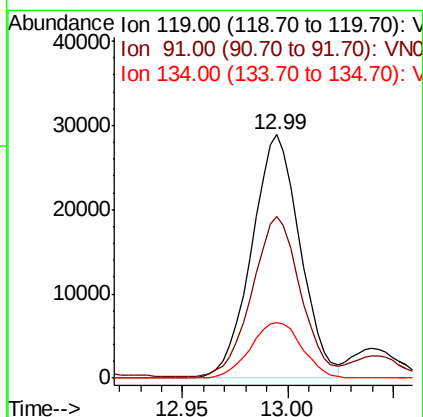
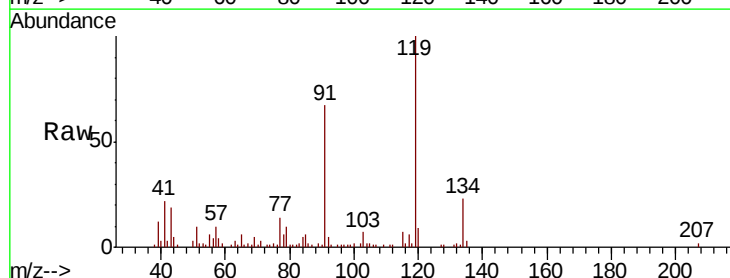
Instrument :
 MSVOA_N
 ClientSampleId :

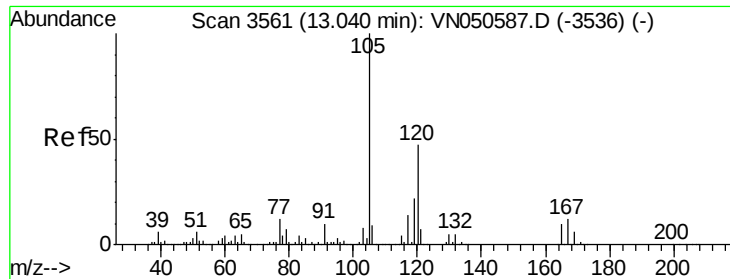
Tot Ion	Ratio	Lower	Upper
75	100		
53	0.2	72.2	108.2#
89	0.0	36.3	54.5#



#83
 tert-Butylbenzene
 Concen: 2.39 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050733.D
 Acq: 17 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
119	100		
91	65.4	32.2	96.6
134	24.1	13.4	40.2

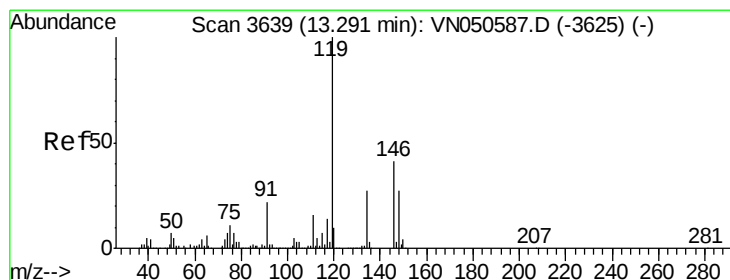
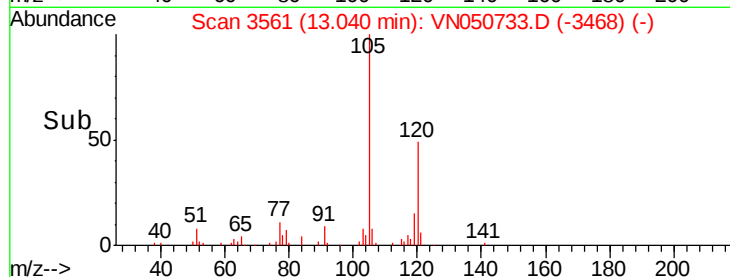
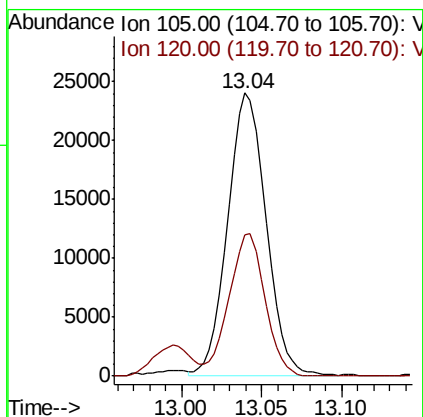
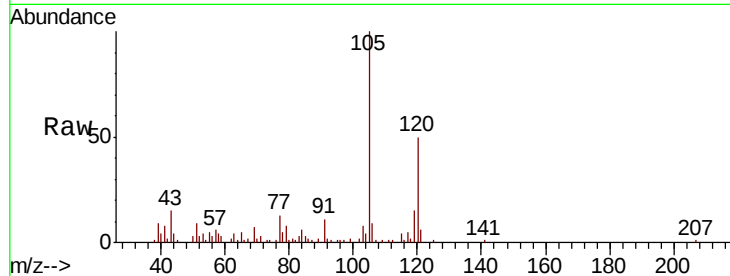




#84
 1,2,4-Trimethylbenzene
 Concen: 1.77 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN050733.D
 Acq: 17 Aug 2018 16:27

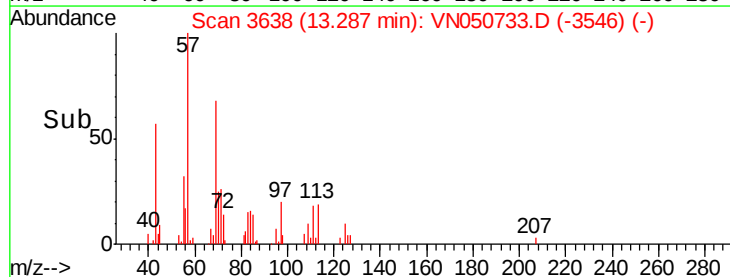
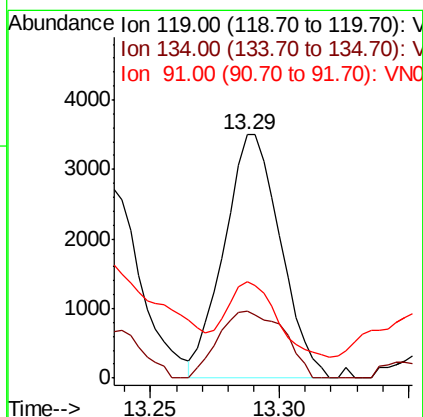
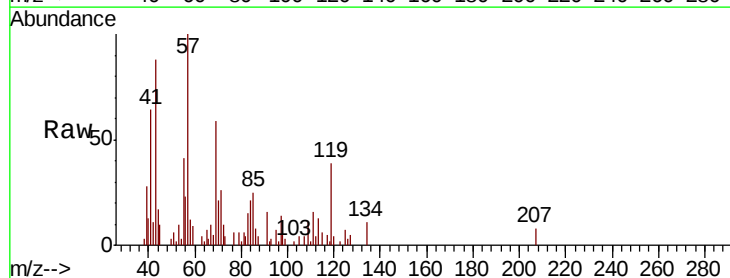
Instrument :
 MSVOA_N
 ClientSampled :

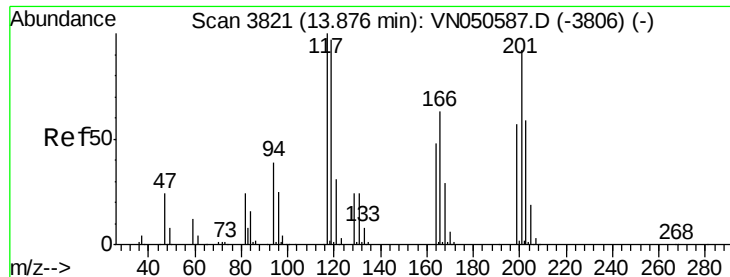
Tot Ion:105 Resp: 39484
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.5



#86
 p-Isopropyltoluene
 Concen: 0.25 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. -0.00 min
 Lab File: VN050733.D
 Acq: 17 Aug 2018 16:27

Tgt Ion:119 Resp: 5337
 Ion Ratio Lower Upper
 119 100
 134 31.9 13.5 40.4
 91 27.4 11.2 33.6





#90

Hexachloroethane

Concen: 0.40 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050733.D

Acq: 17 Aug 2018 16:27

Instrument :

MSVOA_N

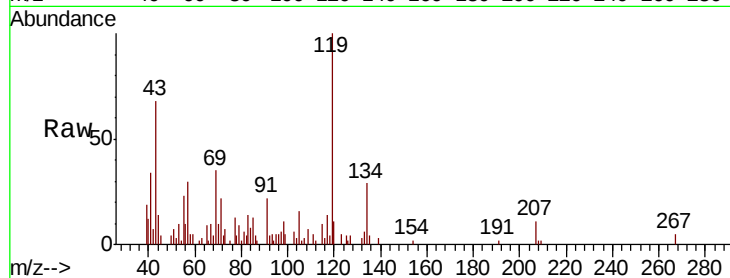
ClientSampled :

Tot Ion:117 Resp: 1719

Ion Ratio Lower Upper

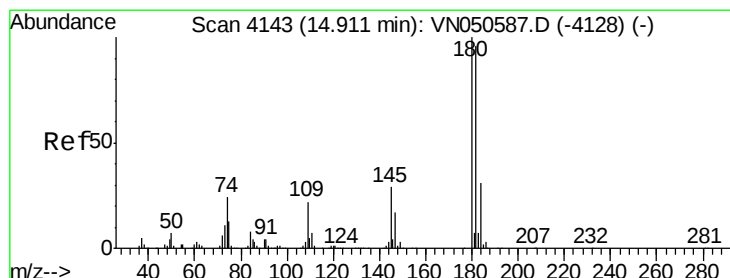
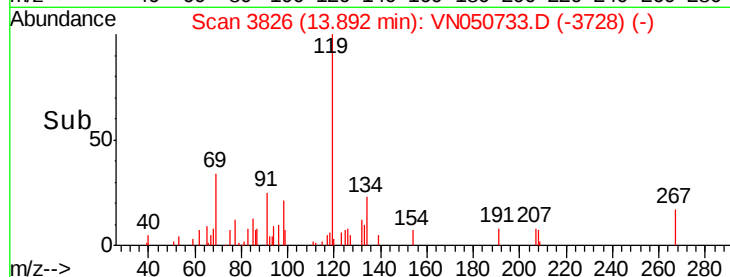
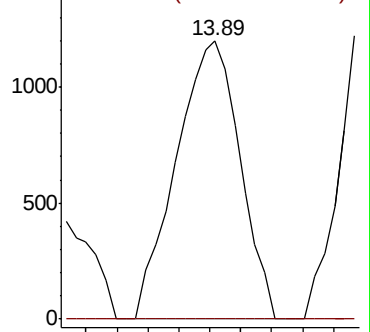
117 100

201 0.0 45.5 136.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 2.68 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN050733.D

Acq: 17 Aug 2018 16:27

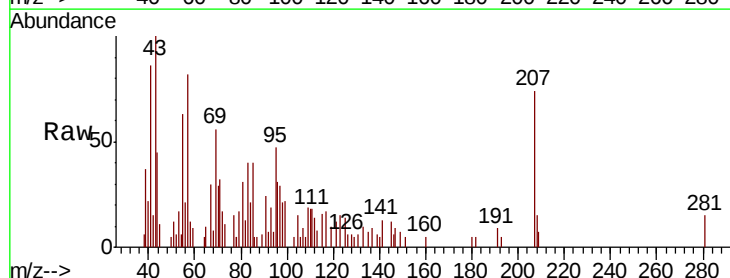
Tgt Ion:180 Resp: 64

Ion Ratio Lower Upper

180 100

182 212.5 47.9 143.7#

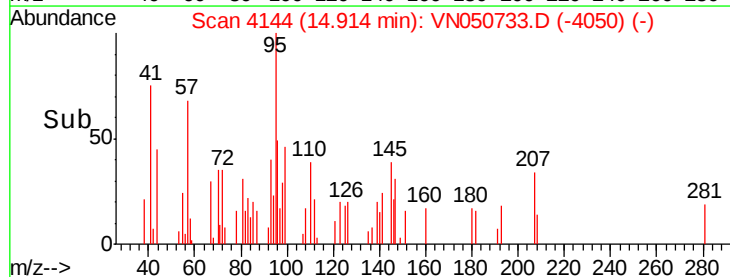
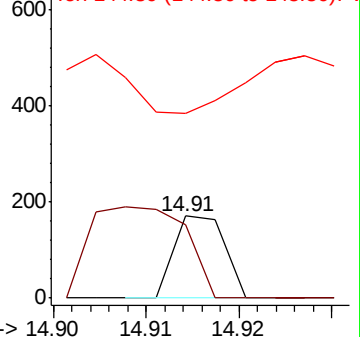
145 1657.8 14.4 43.4#

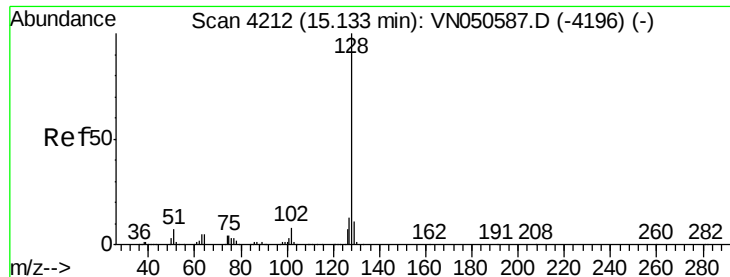


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 9.61 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050733.D

Acq: 17 Aug 2018 16:27

Instrument :

MSVOA_N

ClientSampleId :

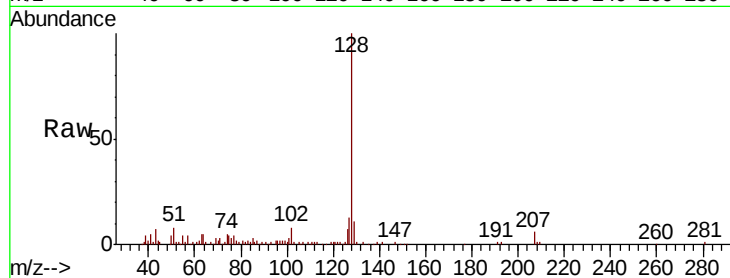
Tot Ion:128 Resp: 85163

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

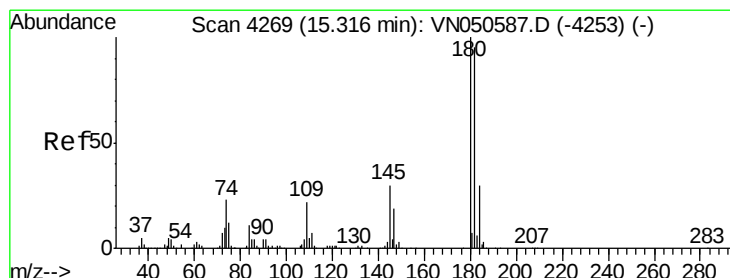
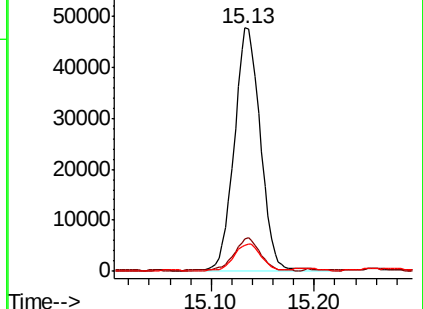
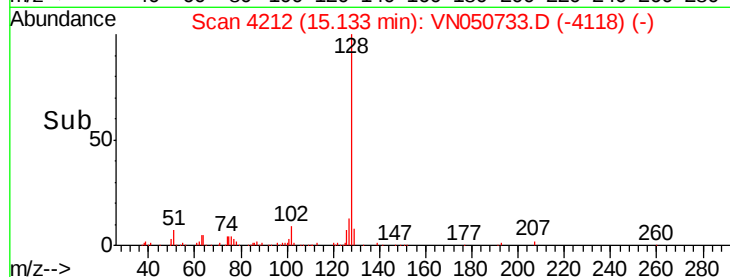
129 11.9 8.5 12.7



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



#96

1,2,3-Trichlorobenzene

Concen: 1.98 ug/l

RT: 15.33 min Scan# 4273

Delta R.T. 0.01 min

Lab File: VN050733.D

Acq: 17 Aug 2018 16:27

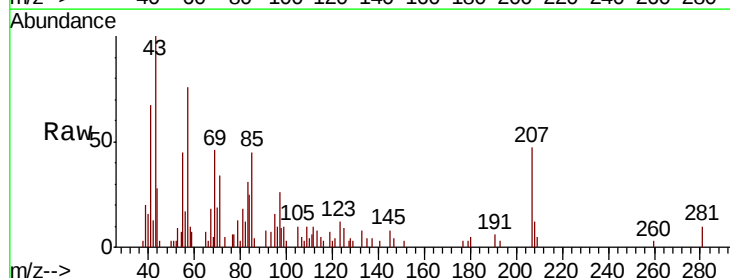
Tgt Ion:180 Resp: 253

Ion Ratio Lower Upper

180 100

182 39.9 47.3 141.8#

145 372.3 14.6 44.0#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

