

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121718\
 Data File : VN052949.D
 Acq On : 18 Dec 2018 1:51
 Operator : MD\SY
 Sample : J6347-03ME
 Misc : 3.69µL/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 38 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 06:31:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1159450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1746547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1523040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	604423	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	556604	45.15	ug/l	0.00
Spiked Amount			Recovery	=	90.30%	
35) Dibromofluoromethane	7.59	113	336701	34.54	ug/l	0.00
Spiked Amount			Recovery	=	69.08%	
50) Toluene-d8	10.09	98	2105822	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.40	95	667021	46.57	ug/l	0.00
Spiked Amount			Recovery	=	93.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	163	0.251	ug/l #	1
15) Acrylonitrile	5.04	53	1433	0.371	ug/l #	31
16) Acetone	3.82	43	5770	2.084	ug/l #	88
18) Methyl Acetate	4.32	43	37469	3.687	ug/l	100
20) Methylene Chloride	4.55	84	5258	0.422	ug/l #	86
25) 2-Butanone	6.84	43	1166	0.271	ug/l #	74
29) Tetrahydrofuran	7.22	42	1890	0.644	ug/l	91
31) Cyclohexane	7.66	56	53830	2.020	ug/l #	50
36) 1,1-Dichloropropene	7.66	75	78146	4.859	ug/l #	48
38) Carbon Tetrachloride	7.66	117	98403	6.647	ug/l #	16
39) Methylcyclohexane	9.08	83	50934	2.581	ug/l	96
40) Benzene	8.04	78	17675	0.366	ug/l	98
41) Methacrylonitrile	7.21	41	1226	0.229	ug/l #	43
43) Isopropyl Acetate	8.15	43	15498	0.782	ug/l #	58
52) Toluene	10.16	92	23229	0.795	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	2516	0.241	ug/l #	14
65) Chlorobenzene	11.43	112	150478	4.762	ug/l	99
67) Ethyl Benzene	11.62	91	9736262	179.428	ug/l #	67
68) m/p-Xylenes	11.62	106	4814824	236.309	ug/l	100
69) o-Xylene	11.95	106	992349	49.877	ug/l	99
70) Styrene	11.95	104	48881	1.528	ug/l #	1
73) Isopropylbenzene	12.25	105	29335	0.650	ug/l	97
76) 1,2,3-Trichloropropane	12.40	75	311434	34.924	ug/l #	100
77) Bromobenzene	12.56	156	18776	1.636	ug/l #	1
78) n-propylbenzene	12.59	91	50868	0.988	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	84569	2.321	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	311434	112.192	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	307862	8.348	ug/l	99
85) sec-Butylbenzene	13.04	105	307862	7.074	ug/l #	56
86) p-Isopropyltoluene	13.29	119	16720	0.443	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	29748	1.458	ug/l	96
88) 1,4-Dichlorobenzene	13.36	146	238596	11.812	ug/l	99
90) Hexachloroethane	13.89	117	2419	0.383	ug/l #	4
91) 1,2-Dichlorobenzene	13.65	146	10527	0.537	ug/l	92

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Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration

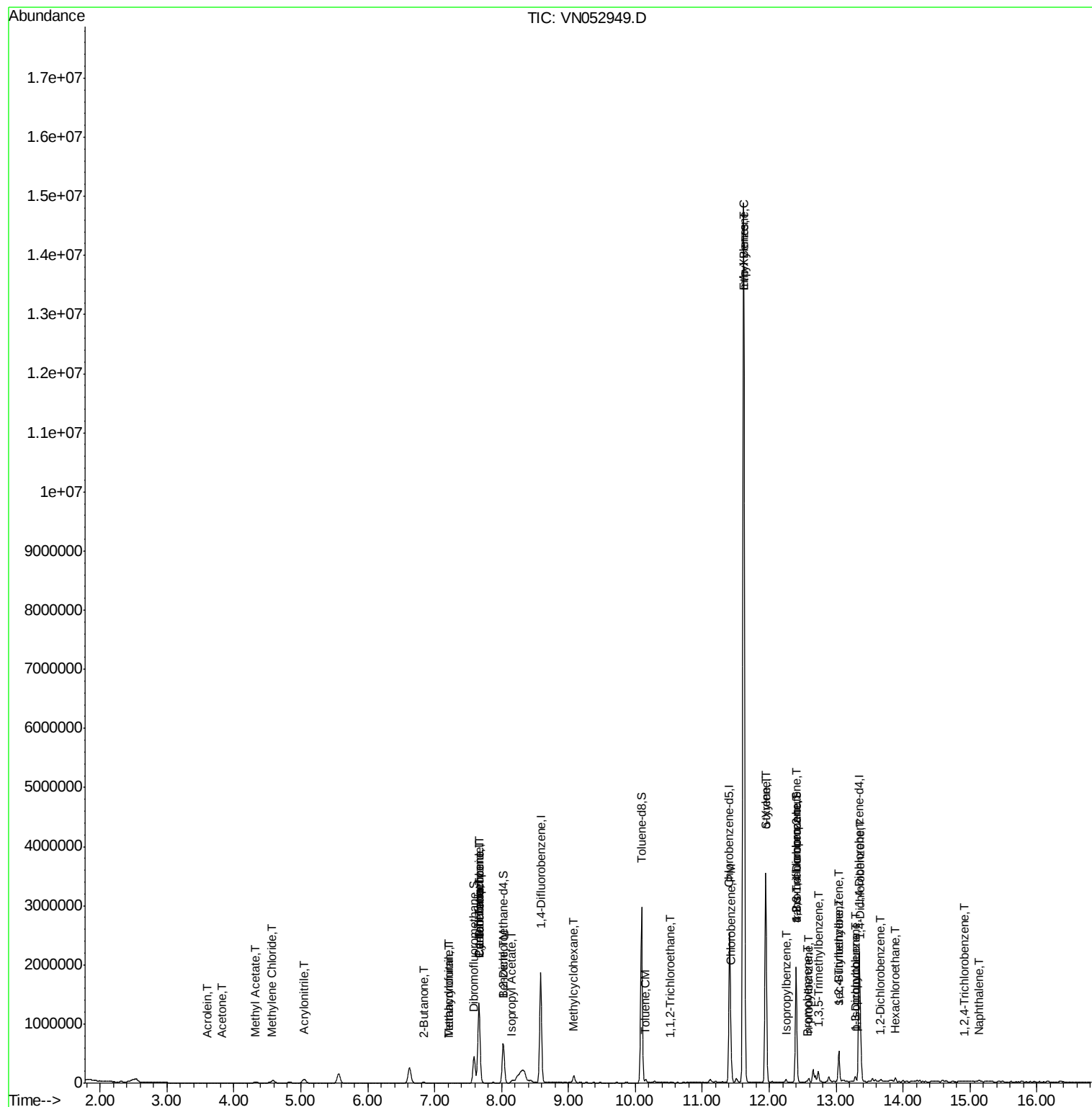
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	4197	0.394	ug/l #	83
95) Naphthalene	15.14	128	26937	1.219	ug/l #	96

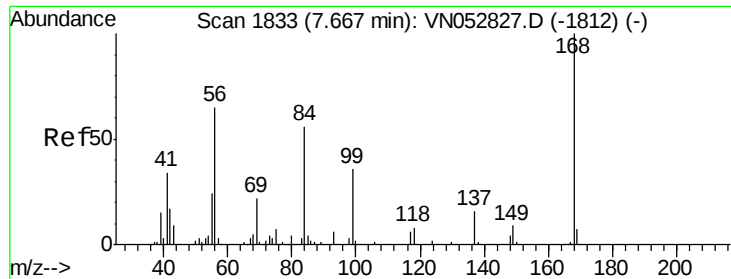
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN052949.D

Acq: 18 Dec 2018 1:51

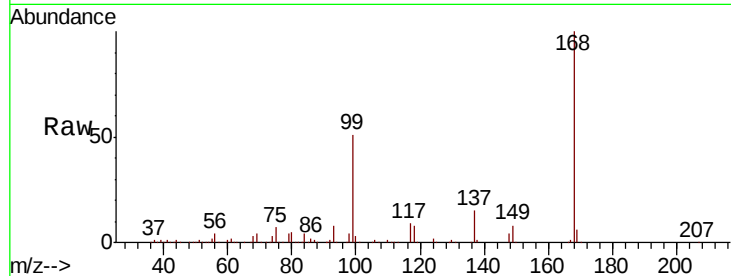
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1159450

Ion Ratio Lower Upper

168 100

99 50.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052827.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052827.D (-1812) (-)

7.66

500000

400000

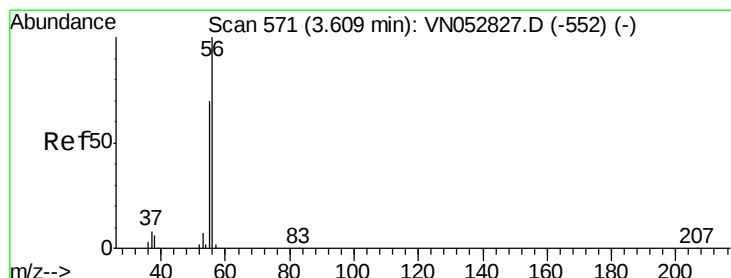
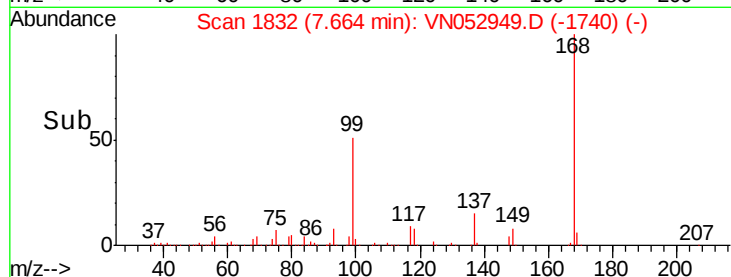
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#13

Acrolein

Concen: 0.251 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052949.D

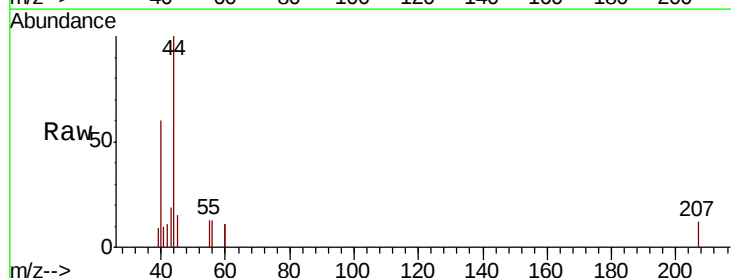
Acq: 18 Dec 2018 1:51

Tgt Ion: 56 Resp: 163

Ion Ratio Lower Upper

56 100

55 173.6 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VN052827.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN052827.D (-552) (-)

3.61

300

250

200

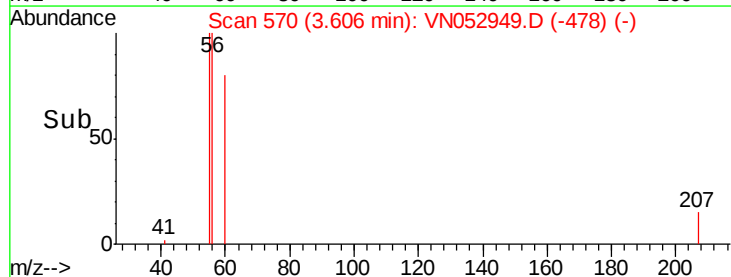
150

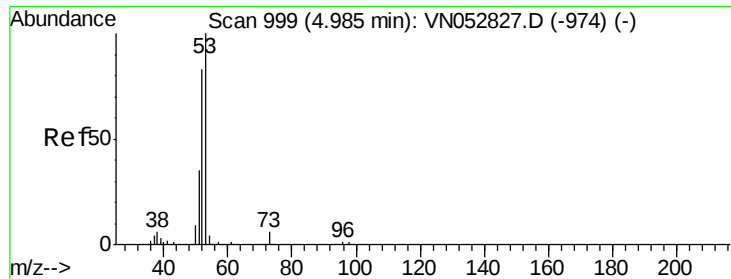
100

50

0

Time--> 3.59 3.60 3.61 3.62





#15

Acrylonitrile

Concen: 0.371 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. 0.05 min

Lab File: VN052949.D

Acq: 18 Dec 2018 1:51

Instrument :
MSVOA_N
ClientSampled :

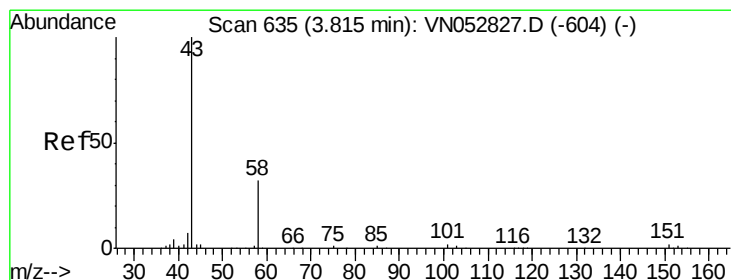
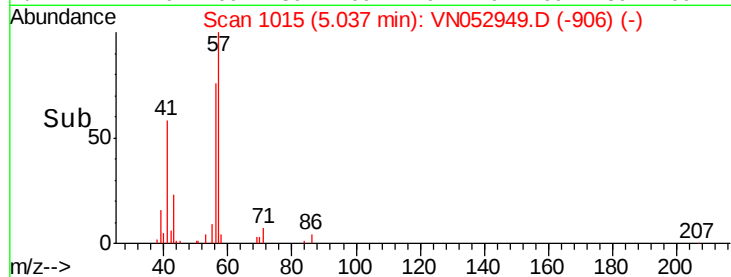
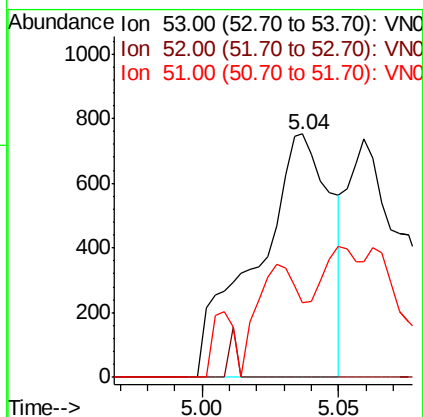
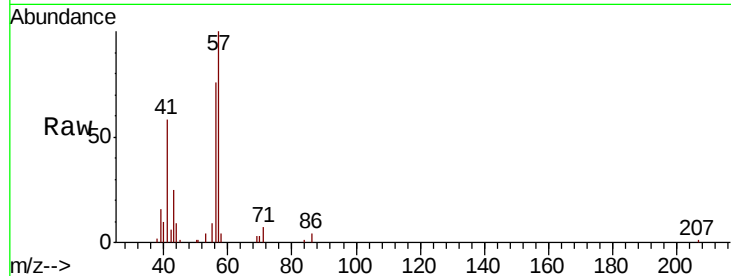
Tot Ion: 53 Resp: 1433

Ion Ratio Lower Upper

53 100

52 0.0 65.1 97.7#

51 25.8 28.1 42.1#



#16

Acetone

Concen: 2.084 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN052949.D

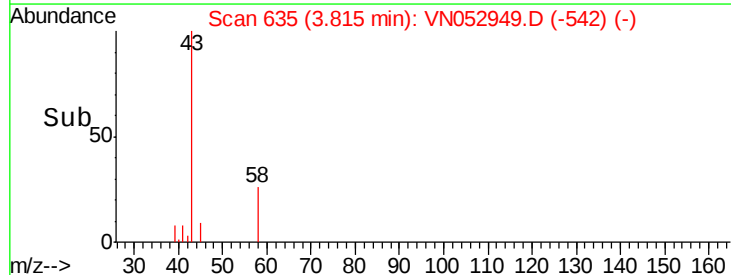
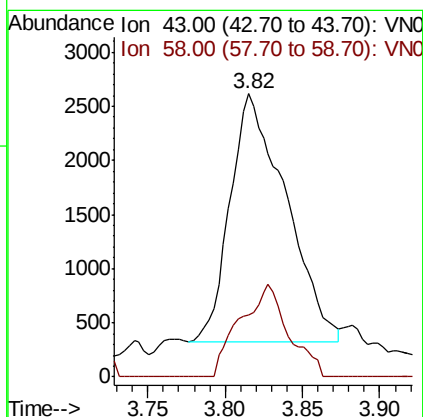
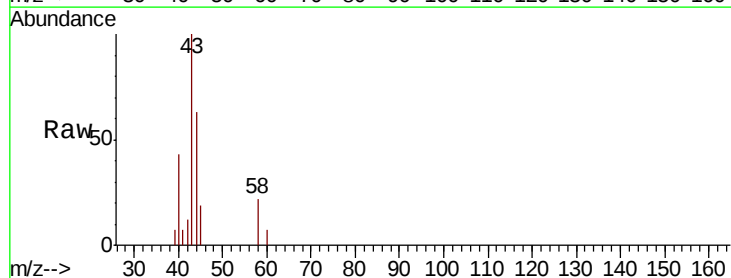
Acq: 18 Dec 2018 1:51

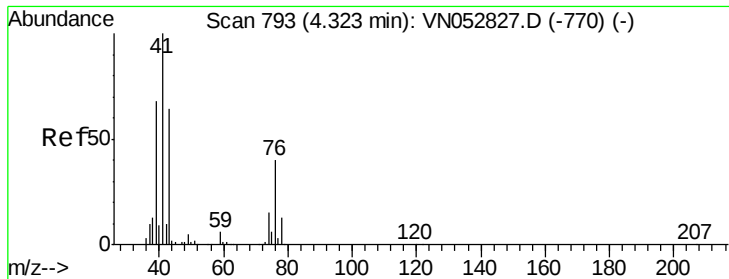
Tgt Ion: 43 Resp: 5770

Ion Ratio Lower Upper

43 100

58 24.8 25.4 38.0#

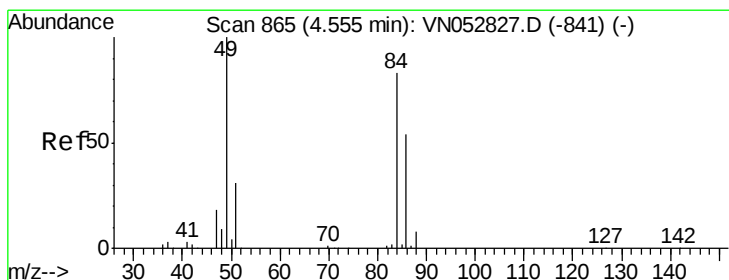
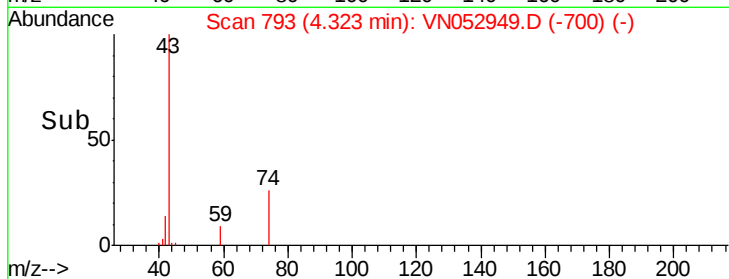
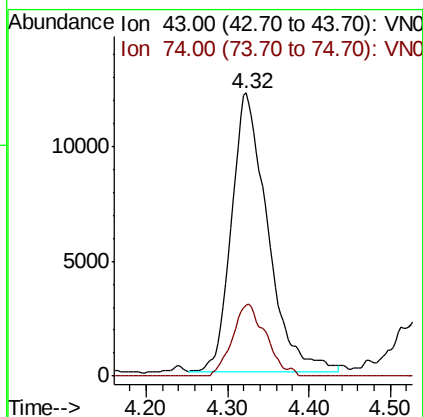
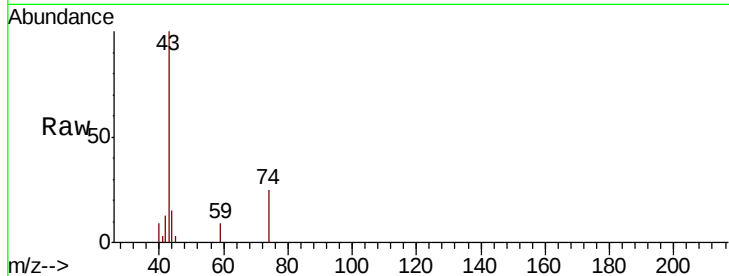




#18
Methvl Acetate
Concen: 3.687 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN052949.D
Acq: 18 Dec 2018 1:51

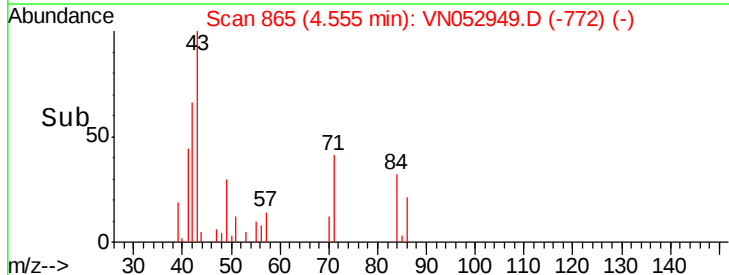
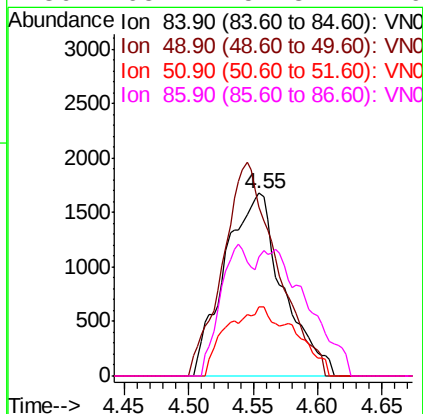
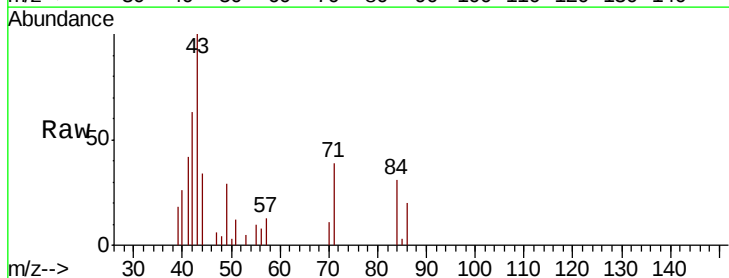
Instrument :
MSVOA_N
ClientSampled :

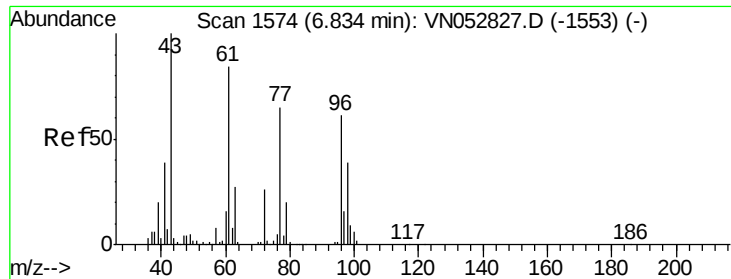
Tot Ion: 43 Resp: 37469
Ion Ratio Lower Upper
43 100
74 24.1 19.2 28.8



#20
Methylene Chloride
Concen: 0.422 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052949.D
Acq: 18 Dec 2018 1:51

Tgt Ion: 84 Resp: 5258
Ion Ratio Lower Upper
84 100
49 92.7 96.8 145.2#
51 38.0 29.9 44.9
86 65.1 51.8 77.6

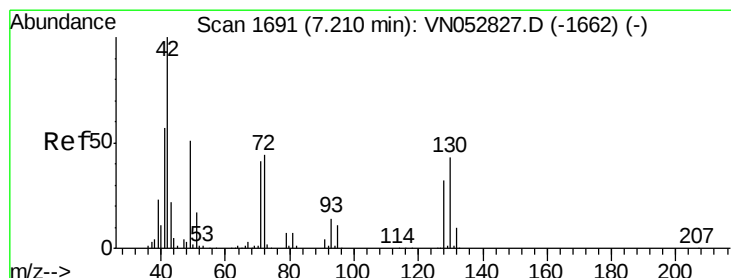
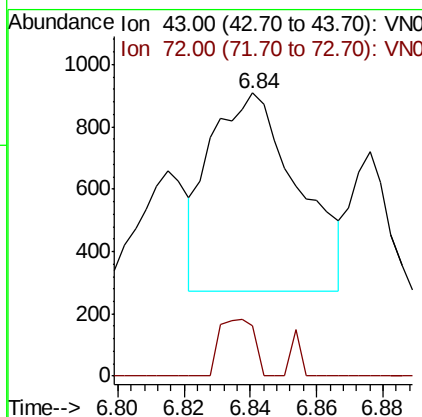
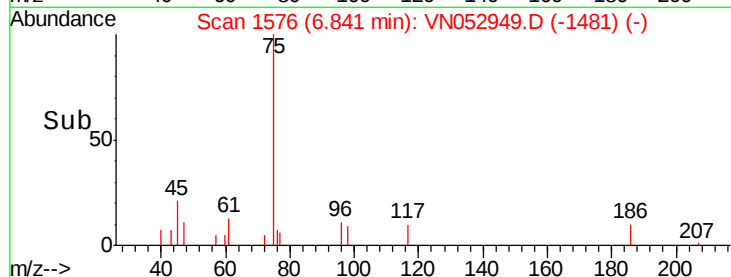
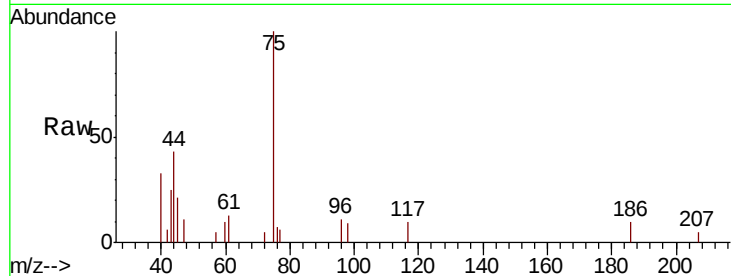




#25
2-Butanone
Concen: 0.271 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN052949.D
Acq: 18 Dec 2018 1:51

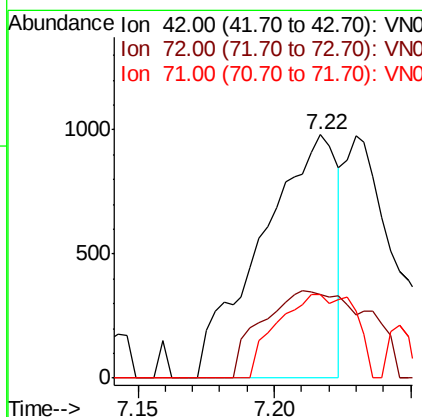
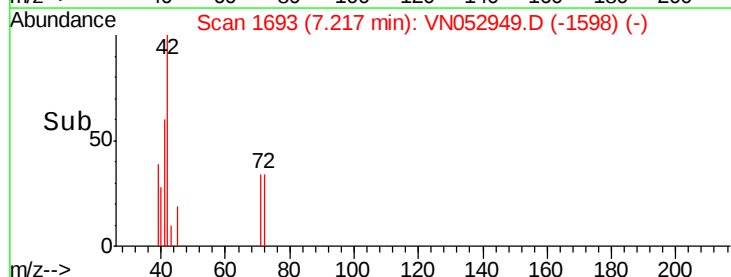
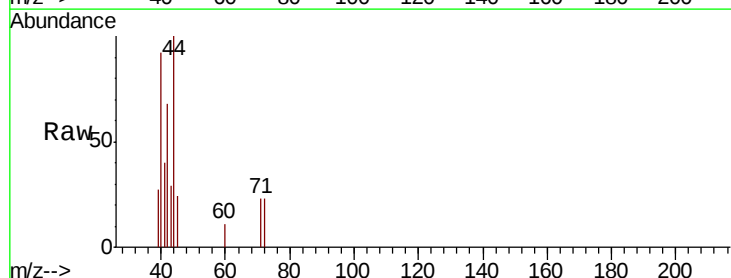
Instrument :
MSVOA_N
ClientSampled :

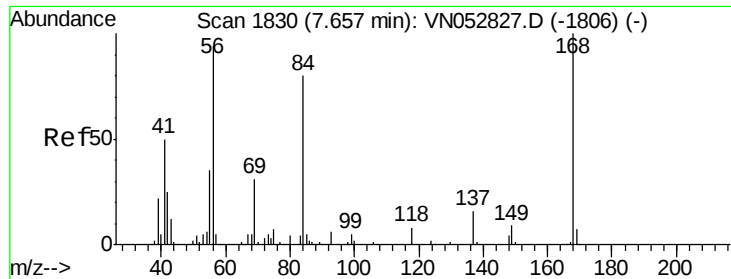
Tot Ion: 43 Resp: 1166
Ion Ratio Lower Upper
43 100
72 39.7 21.0 31.6#



#29
Tetrahydrofuran
Concen: 0.644 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN052949.D
Acq: 18 Dec 2018 1:51

Tgt Ion: 42 Resp: 1890
Ion Ratio Lower Upper
42 100
72 50.2 34.7 52.1
71 35.3 32.3 48.5

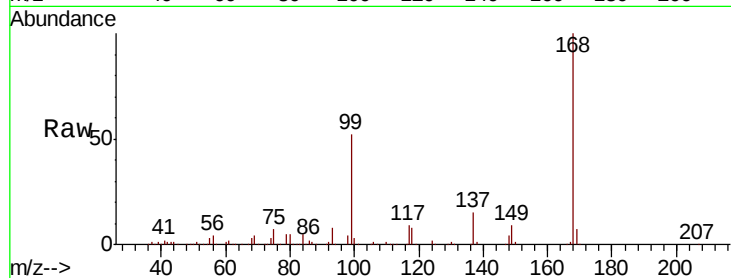




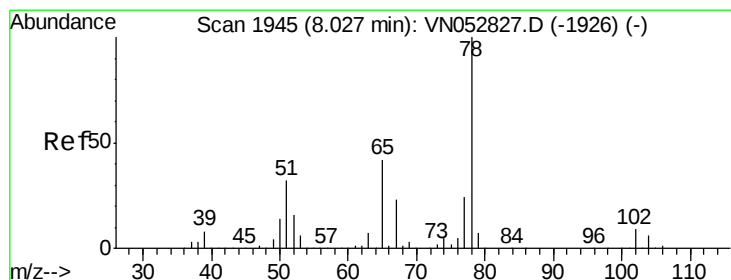
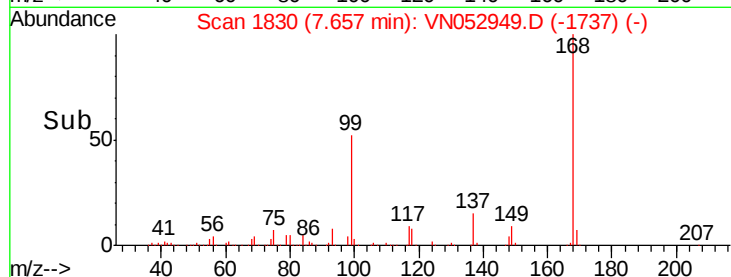
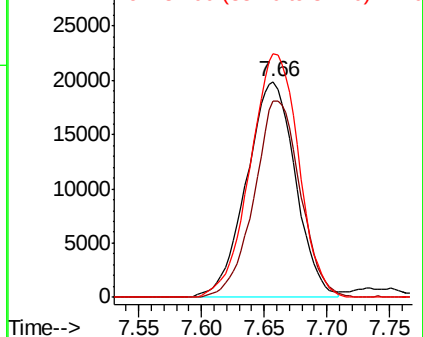
#31
Cyclohexane
Concen: 2.020 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052949.D
Acq: 18 Dec 2018 1:51

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 53830
Ion Ratio Lower Upper
56 100
69 91.0 26.6 39.8#
84 112.8 68.4 102.6#

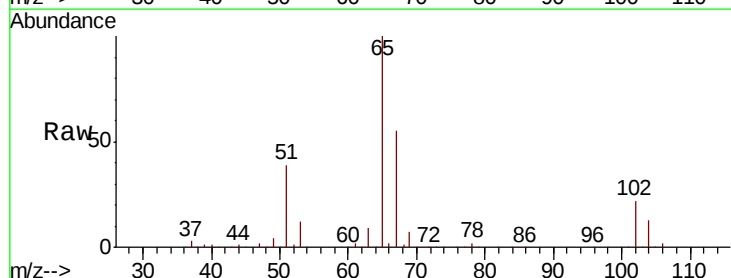


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

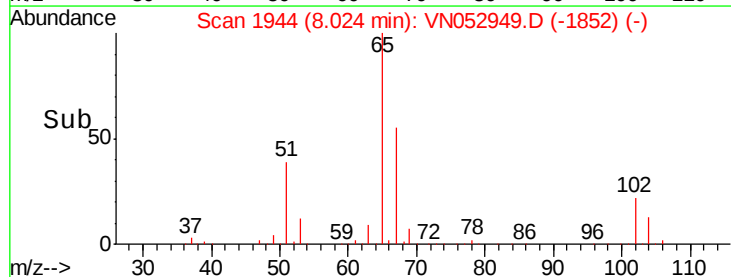
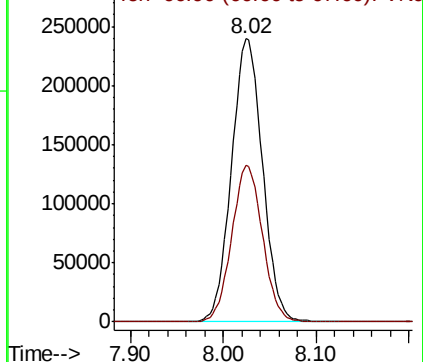


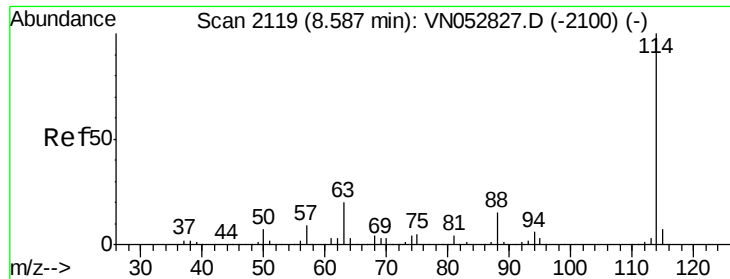
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN052949.D
Acq: 18 Dec 2018 1:51

Tgt Ion: 65 Resp: 556604
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

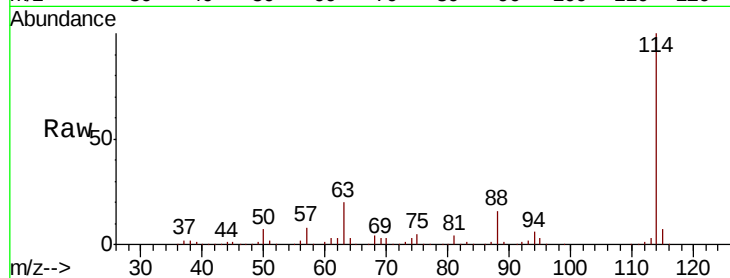




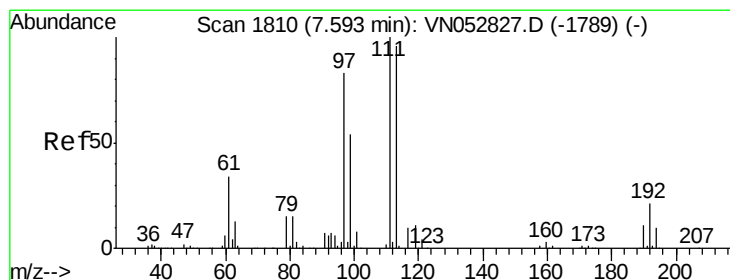
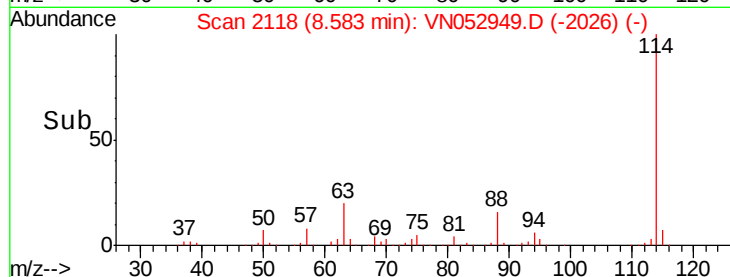
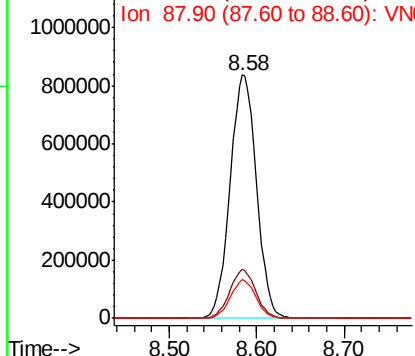
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN052949.D
Acq: 18 Dec 2018 1:51

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:114 Resp: 1746547
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.8
88 15.7 0.0 31.0

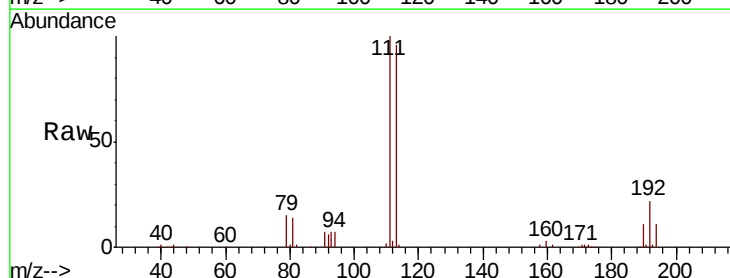


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

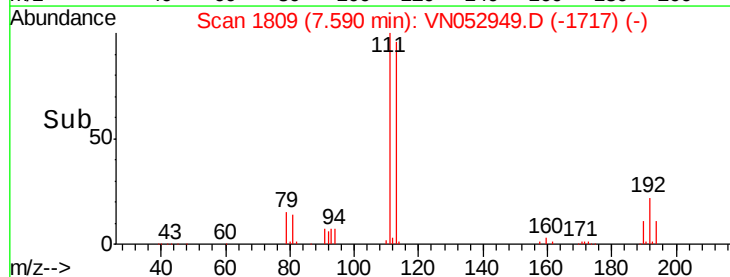
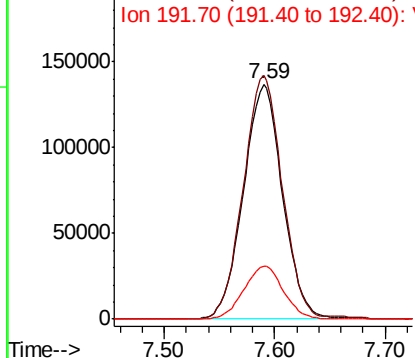


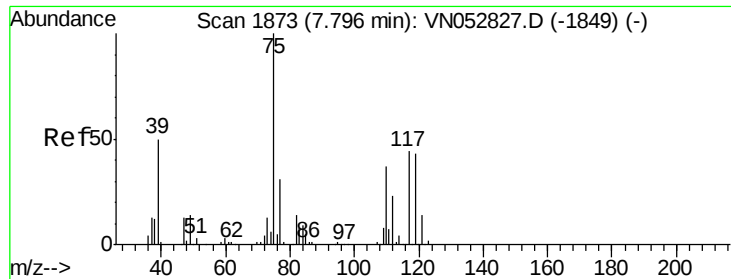
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052949.D
Acq: 18 Dec 2018 1:51

Tgt Ion:113 Resp: 336701
Ion Ratio Lower Upper
113 100
111 103.6 83.0 124.4
192 22.8 17.5 26.3



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

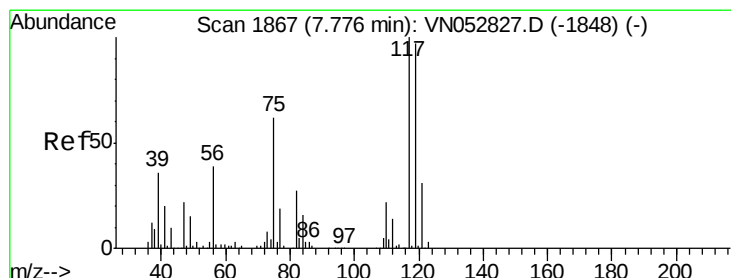
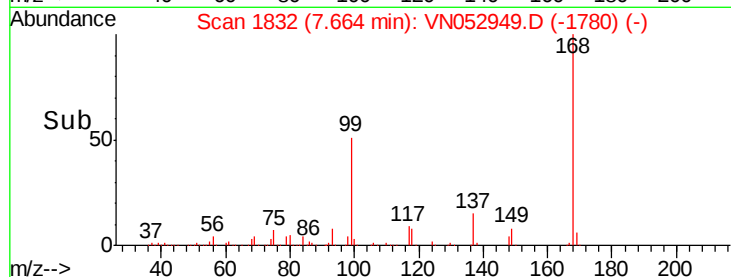
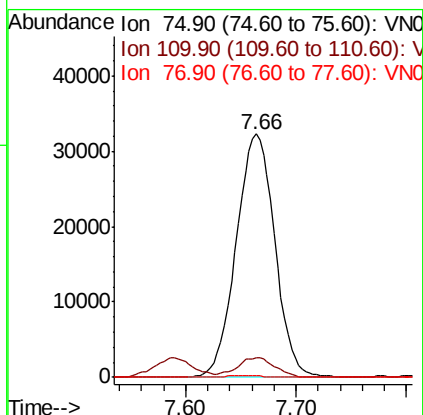
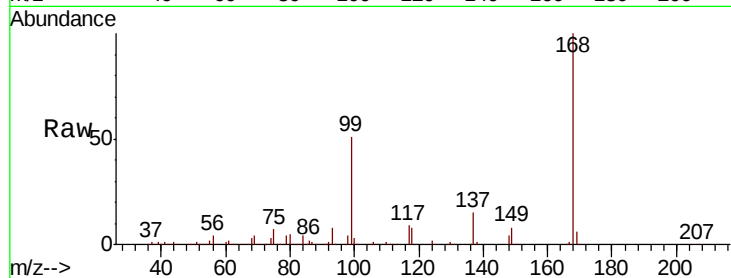




#36
 1,1-Dichloropropene
 Concen: 4.859 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN052949.D
 Acq: 18 Dec 2018 1:51

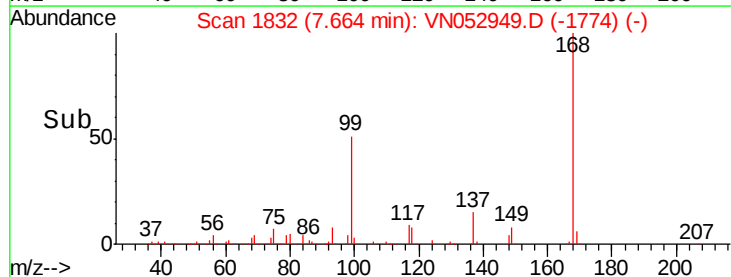
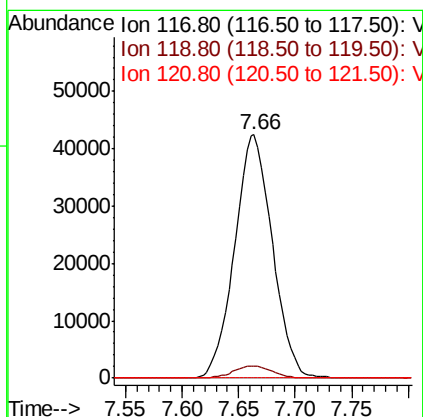
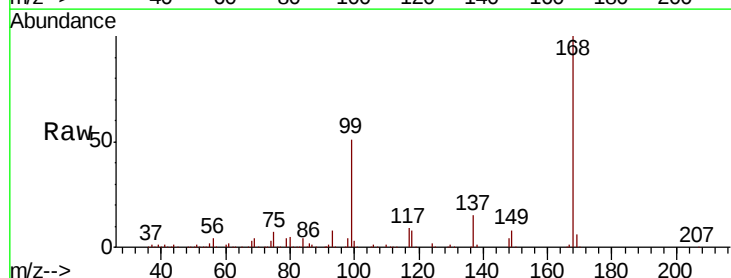
Instrument :
 MSVOA_N
 ClientSampled :

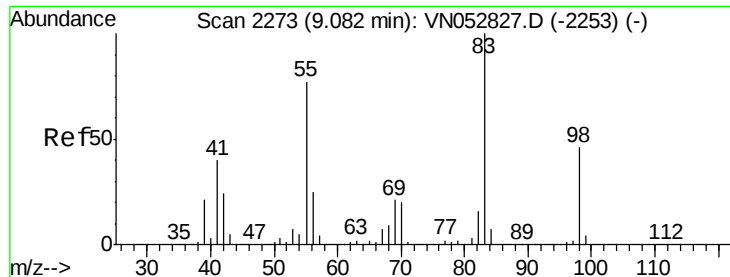
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.0	18.2	54.6#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.647 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN052949.D
 Acq: 18 Dec 2018 1:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.1	115.7#
121	0.0	24.9	37.3#

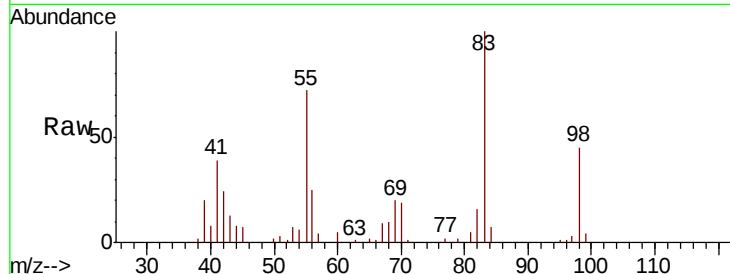




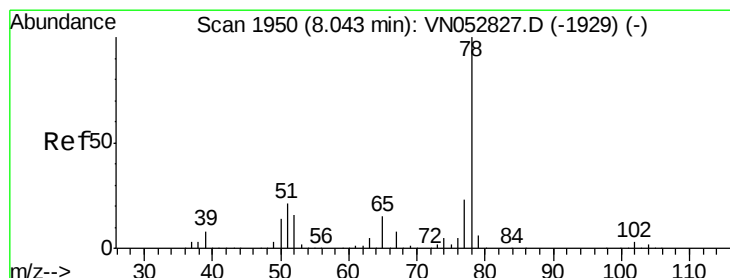
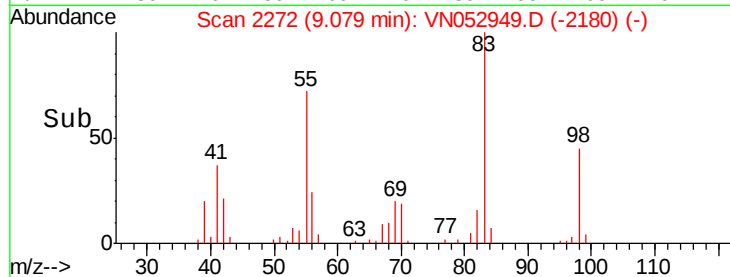
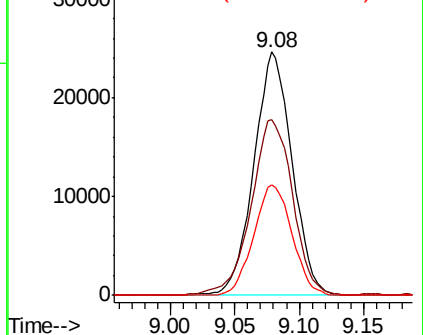
#39
Methvlcvclohexane
Concen: 2.581 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN052949.D
Acq: 18 Dec 2018 1:51

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 50934
Ion Ratio Lower Upper
83 100
55 71.4 61.3 91.9
98 45.4 37.0 55.4

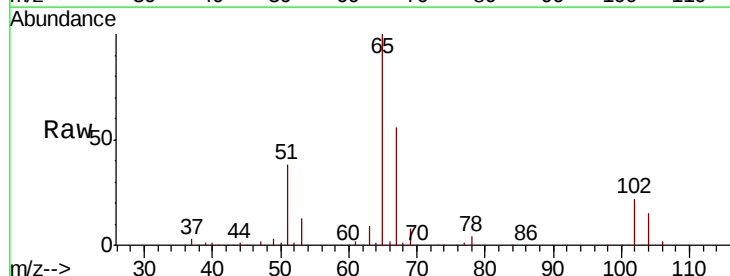


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

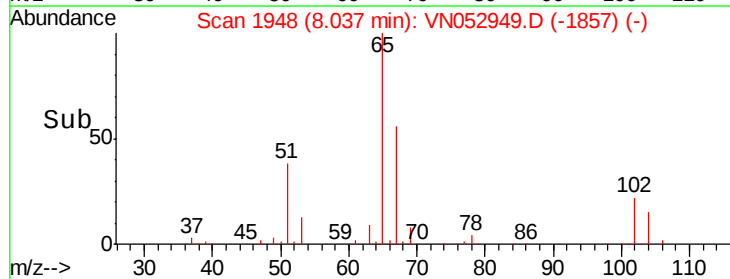
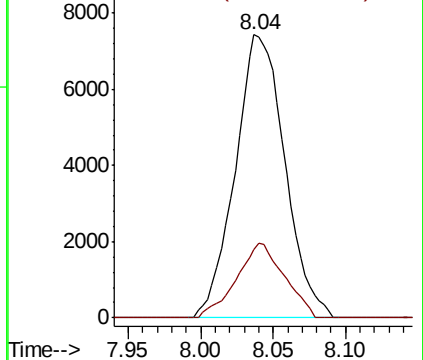


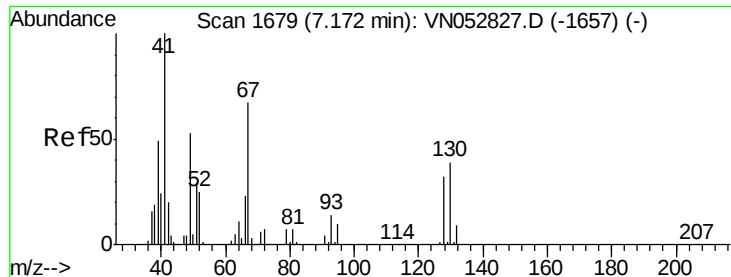
#40
Benzene
Concen: 0.366 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.01 min
Lab File: VN052949.D
Acq: 18 Dec 2018 1:51

Tgt Ion: 78 Resp: 17675
Ion Ratio Lower Upper
78 100
77 24.2 18.5 27.7



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

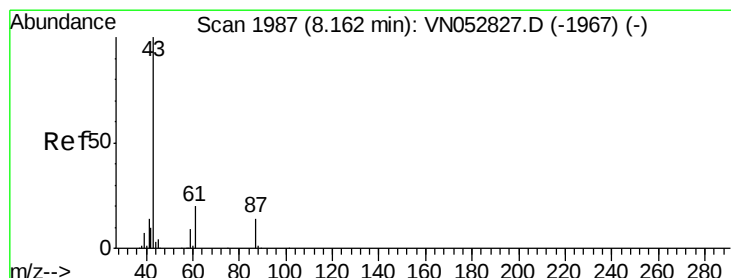
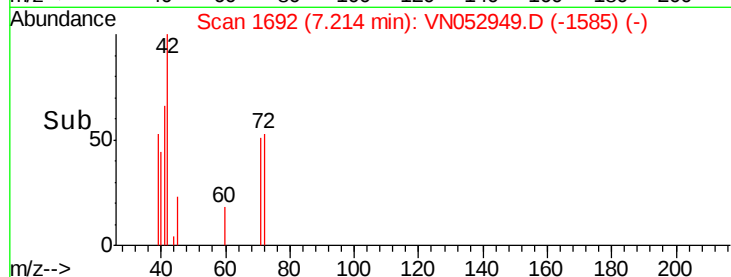
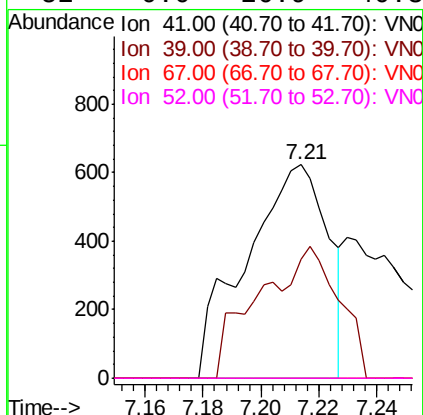
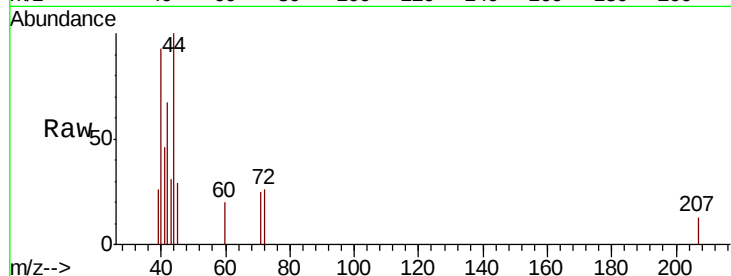




#41
Methacrylonitrile
Concen: 0.229 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.04 min
Lab File: VN052949.D
Acq: 18 Dec 2018 1:51

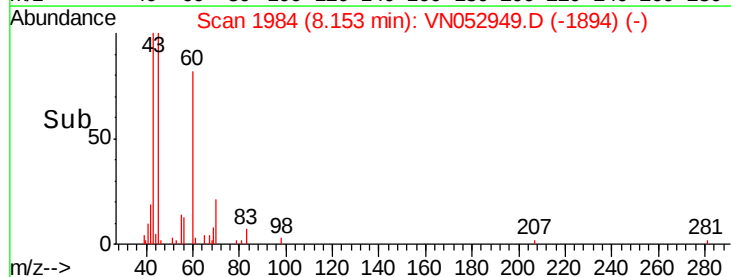
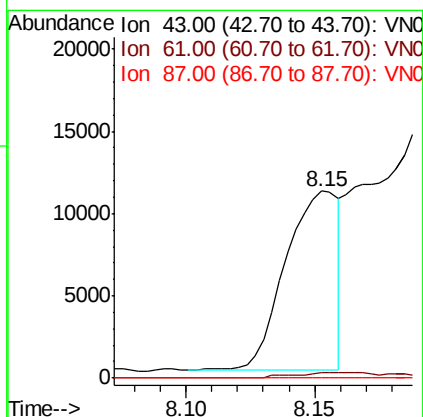
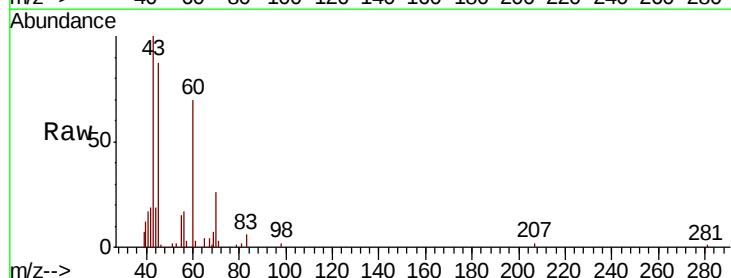
Instrument :
MSVOA_N
ClientSampled :

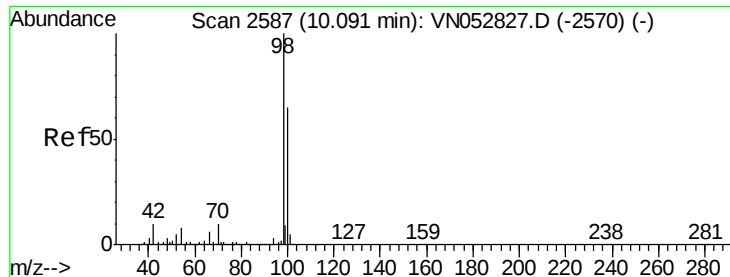
Tot Ion: 41 Resp: 1226
Ion Ratio Lower Upper
41 100
39 60.2 48.0 72.0
67 0.0 70.3 105.5#
52 0.0 26.9 40.3#



#43
Isopropyl Acetate
Concen: 0.782 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. -0.01 min
Lab File: VN052949.D
Acq: 18 Dec 2018 1:51

Tgt Ion: 43 Resp: 15498
Ion Ratio Lower Upper
43 100
61 4.4 22.9 34.3#
87 0.0 10.6 15.8#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052949.D

Acq: 18 Dec 2018 1:51

Instrument :

MSVOA_N

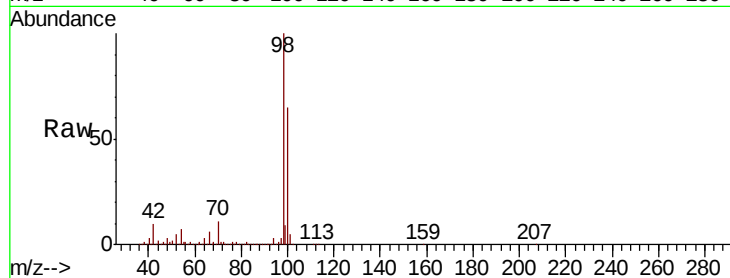
ClientSampled :

Tot Ion: 98 Resp: 2105822

Ion Ratio Lower Upper

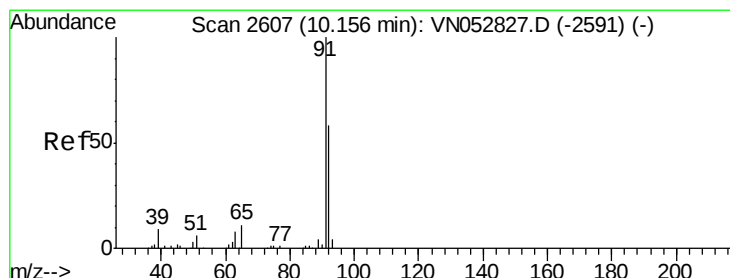
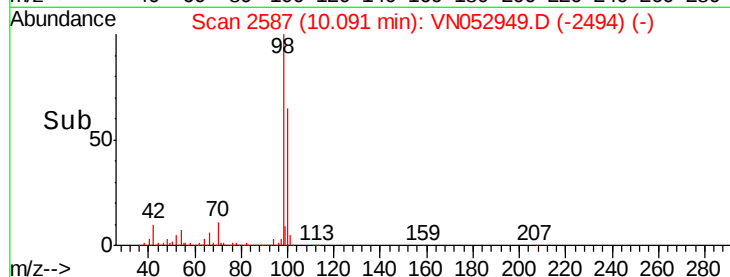
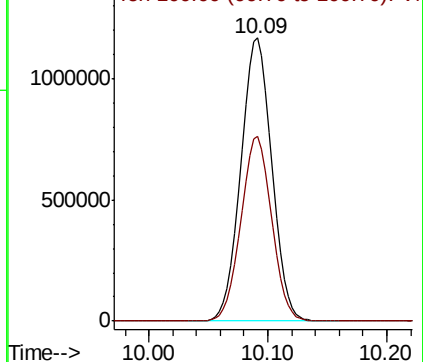
98 100

100 64.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

Toluene

Concen: 0.795 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052949.D

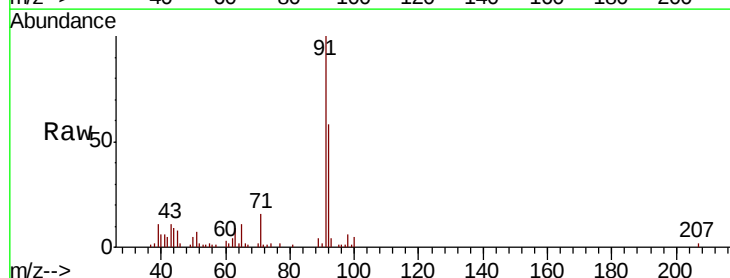
Acq: 18 Dec 2018 1:51

Tgt Ion: 92 Resp: 23229

Ion Ratio Lower Upper

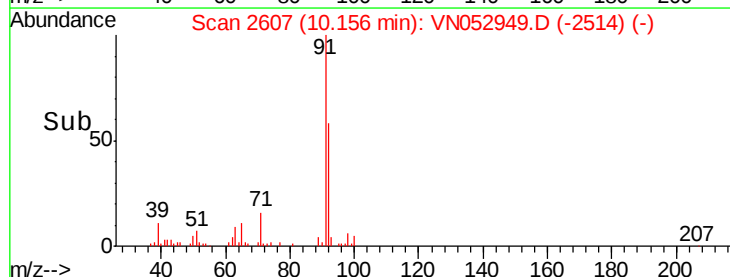
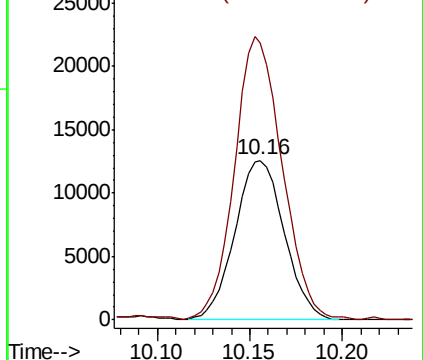
92 100

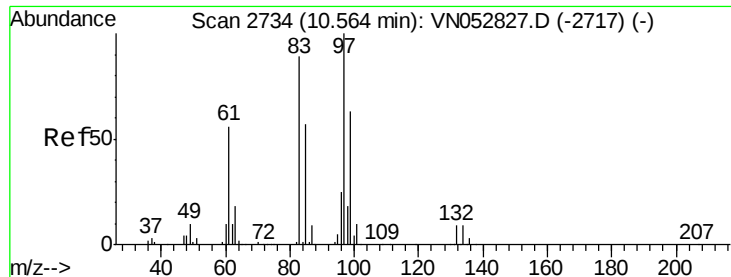
91 171.8 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

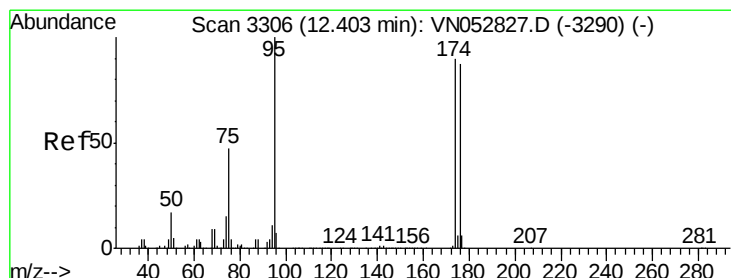
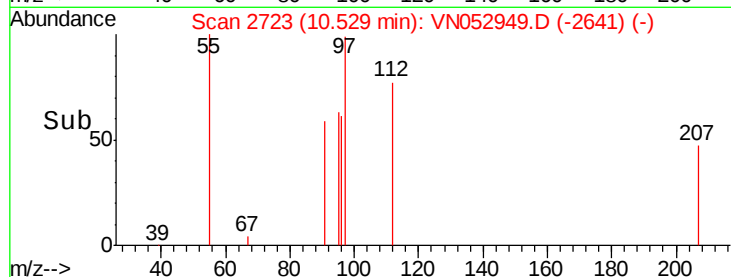
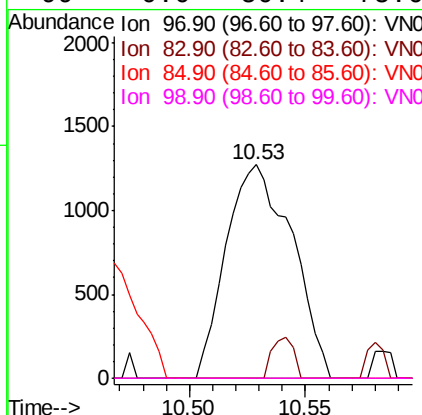
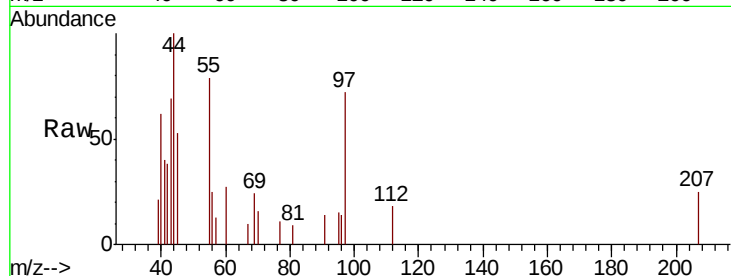




#55
 1,1,2-Trichloroethane
 Concen: 0.241 ug/l
 RT: 10.53 min Scan# 2723
 Delta R.T. -0.04 min
 Lab File: VN052949.D
 Acq: 18 Dec 2018 1:51

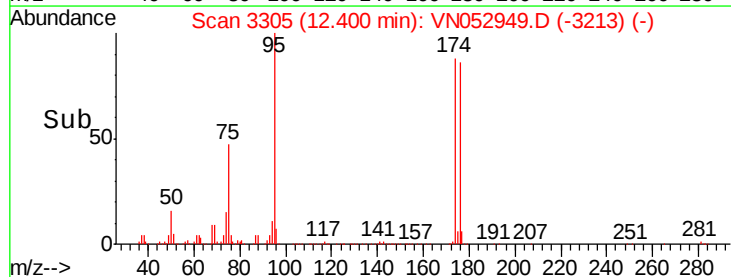
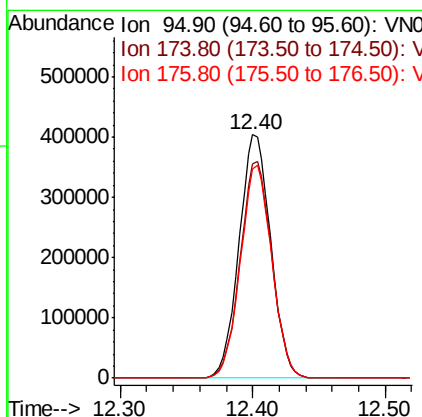
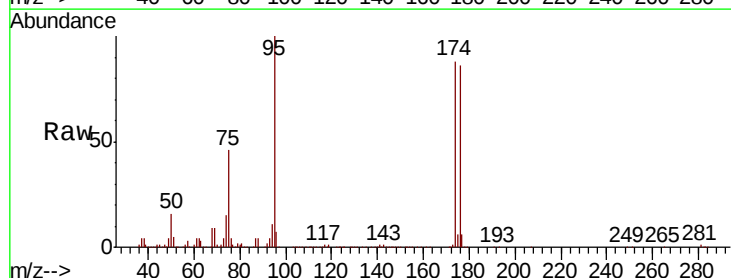
Instrument :
 MSVOA_N
 ClientSampleId :

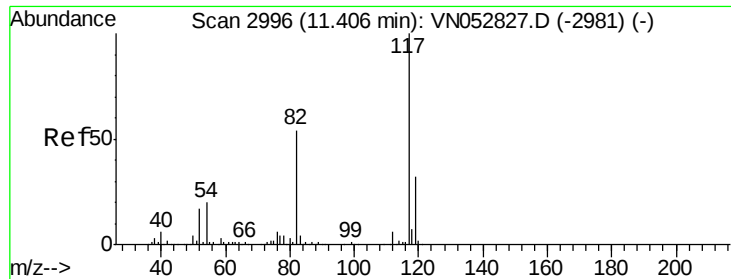
Tot Ion: 97 Resp: 2516
 Ion Ratio Lower Upper
 97 100
 83 0.0 70.9 106.3#
 85 0.0 45.4 68.2#
 99 0.0 50.4 75.6#



#62
 4-Bromofluorobenzene
 Concen: Below ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN052949.D
 Acq: 18 Dec 2018 1:51

Tgt Ion: 95 Resp: 667021
 Ion Ratio Lower Upper
 95 100
 174 89.3 0.0 178.8
 176 87.0 0.0 173.8

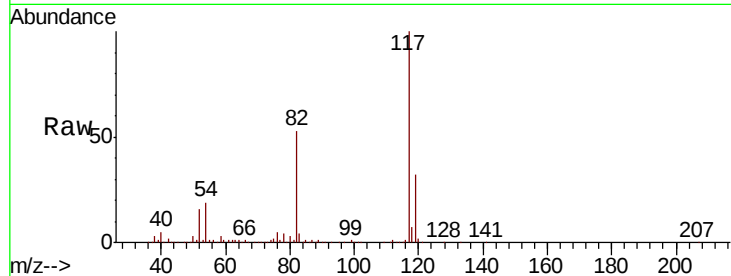




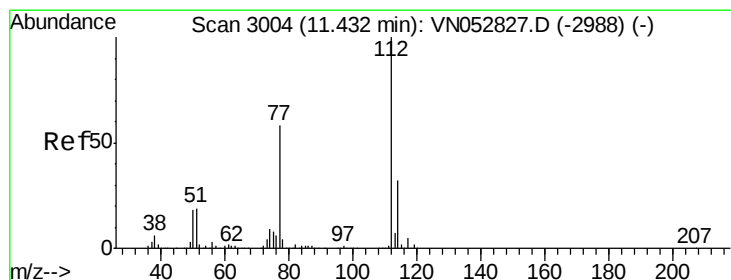
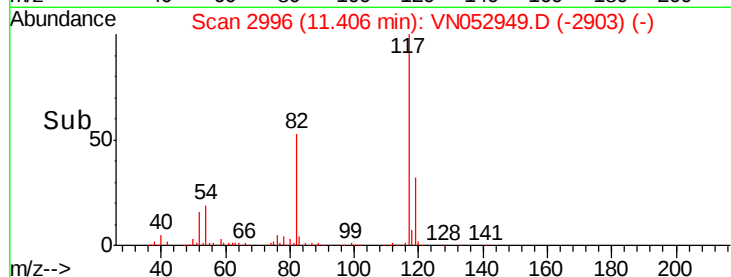
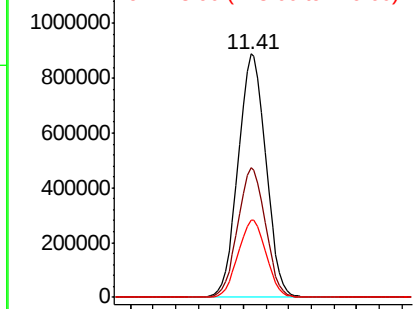
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052949.D
Acq: 18 Dec 2018 1:51

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 1523040
Ion Ratio Lower Upper
117 100
82 53.5 42.8 64.2
119 31.7 25.5 38.3

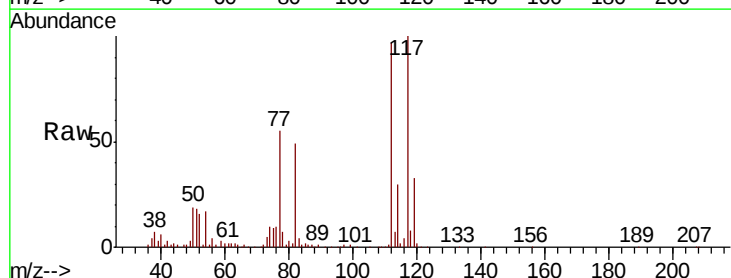


Abundance Ion 116.90 (116.60 to 117.60): V
1200000 Ion 82.00 (81.70 to 82.70): VN
1000000 Ion 118.90 (118.60 to 119.60): V

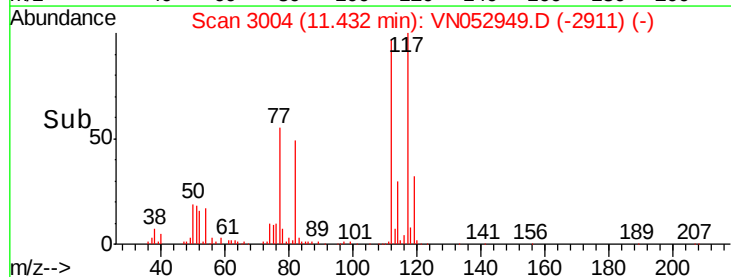
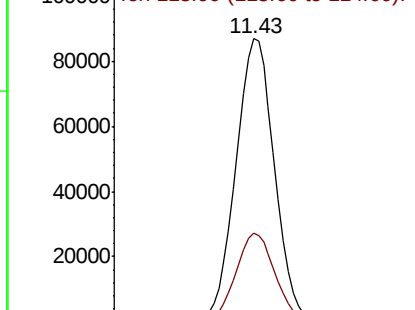


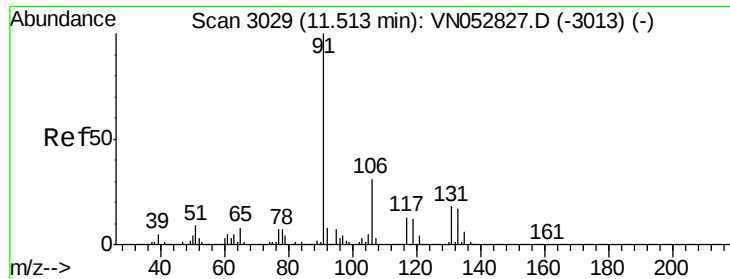
#65
Chlorobenzene
Concen: 4.762 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN052949.D
Acq: 18 Dec 2018 1:51

Tgt Ion:112 Resp: 150478
Ion Ratio Lower Upper
112 100
114 31.3 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V
100000 Ion 113.90 (113.60 to 114.60): V

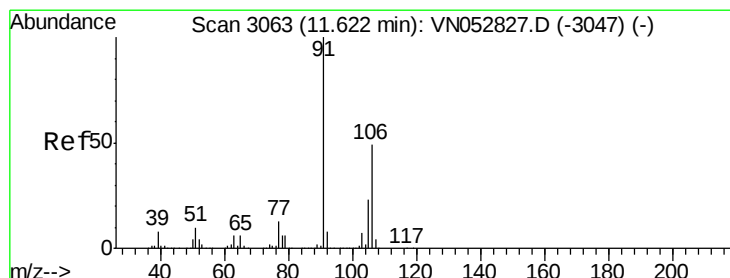
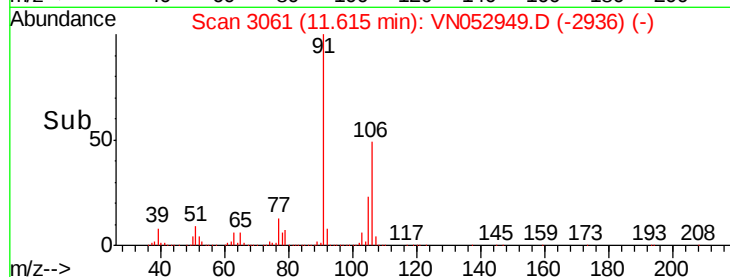
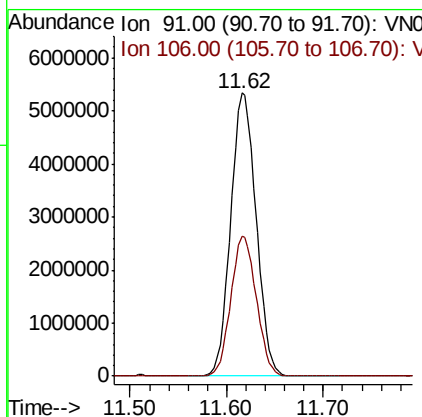
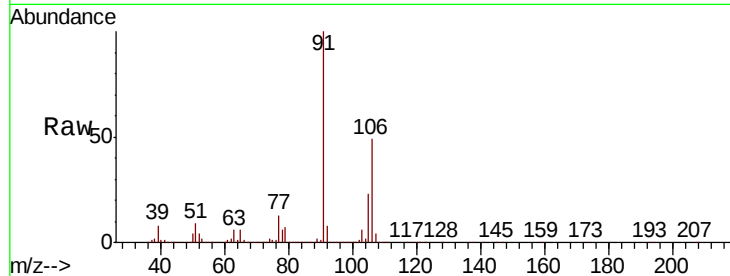




#67
Ethyl Benzene
Concen: 179.428 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.10 min
Lab File: VN052949.D
Acq: 18 Dec 2018 1:51

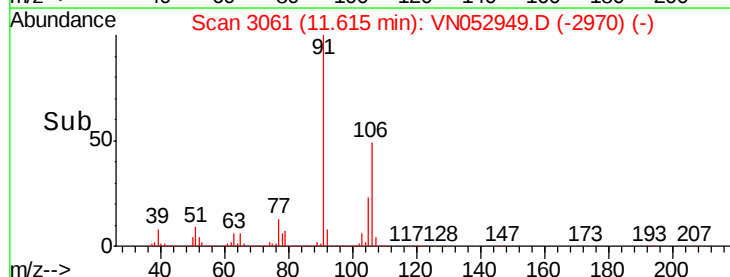
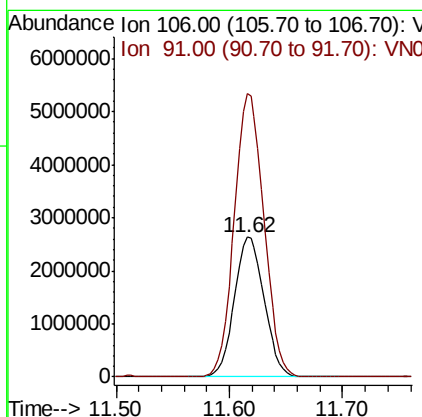
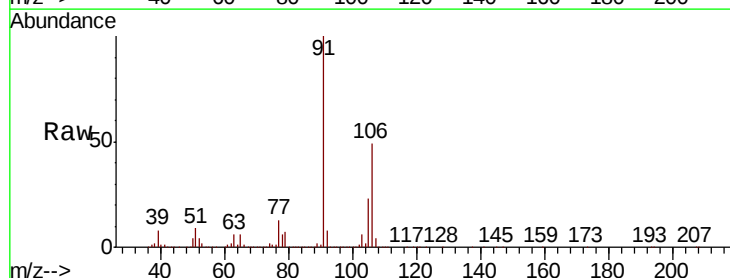
Instrument :
MSVOA_N
ClientSampled :

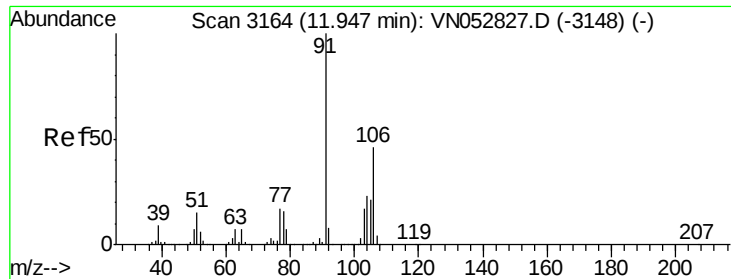
Tot Ion: 91 Resp: 9736262
Ion Ratio Lower Upper
91 100
106 49.4 24.9 37.3#



#68
m/p-Xylenes
Concen: 236.309 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN052949.D
Acq: 18 Dec 2018 1:51

Tgt Ion: 106 Resp: 4814824
Ion Ratio Lower Upper
106 100
91 202.2 162.2 243.4

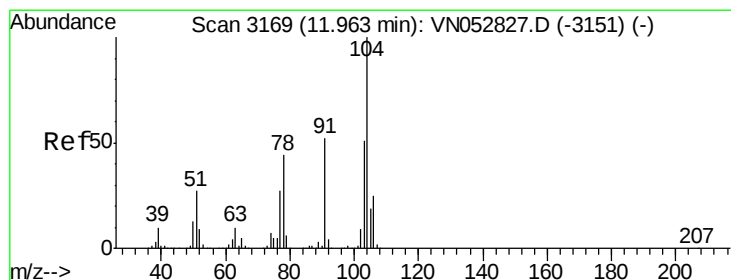
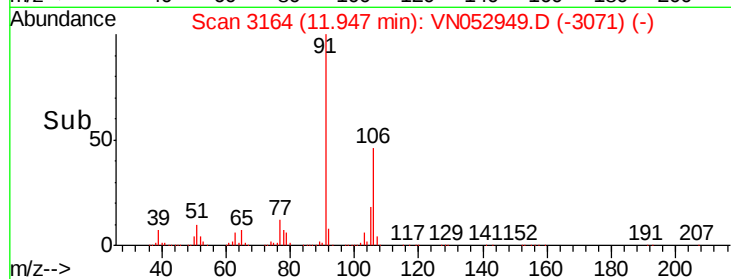
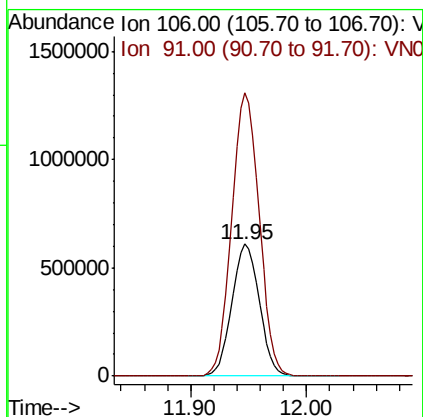
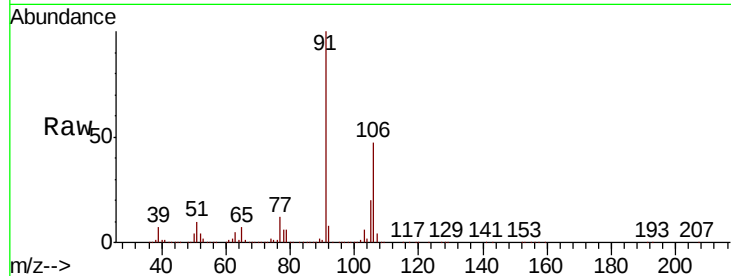




#69
o-Xylene
Concen: 49.877 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052949.D
Acq: 18 Dec 2018 1:51

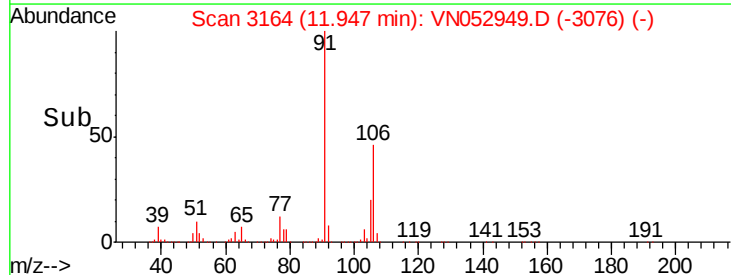
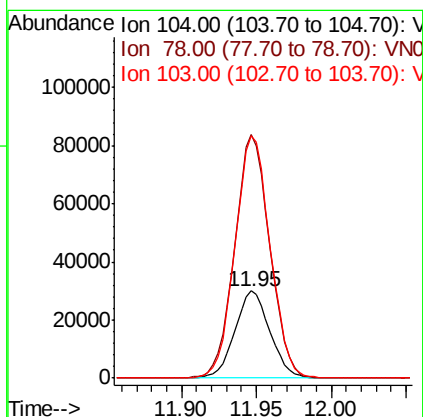
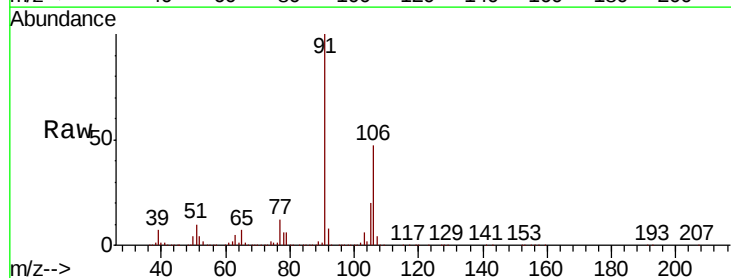
Instrument :
MSVOA_N
ClientSampled :

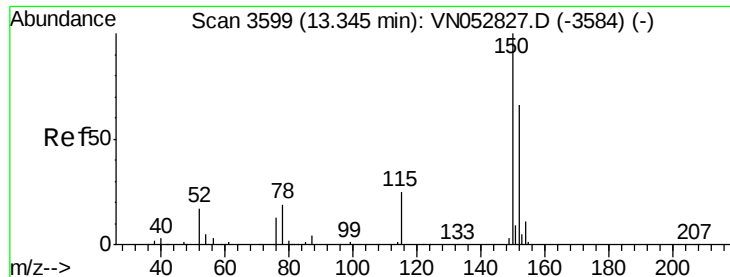
Tot Ion:106 Resp: 992349
Ion Ratio Lower Upper
106 100
91 214.9 106.6 319.8



#70
Styrene
Concen: 1.528 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.02 min
Lab File: VN052949.D
Acq: 18 Dec 2018 1:51

Tgt Ion:104 Resp: 48881
Ion Ratio Lower Upper
104 100
78 279.7 38.9 58.3#
103 278.2 44.3 66.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052949.D

Acq: 18 Dec 2018 1:51

Instrument :

MSVOA_N

ClientSampled :

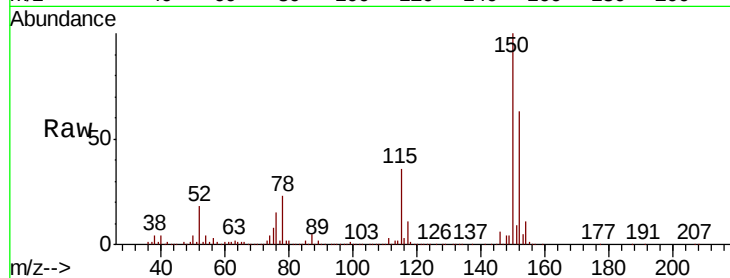
Tot Ion:152 Resp: 604423

Ion Ratio Lower Upper

152 100

115 57.0 28.3 85.0

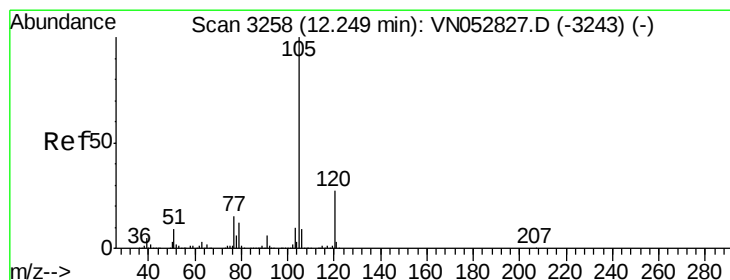
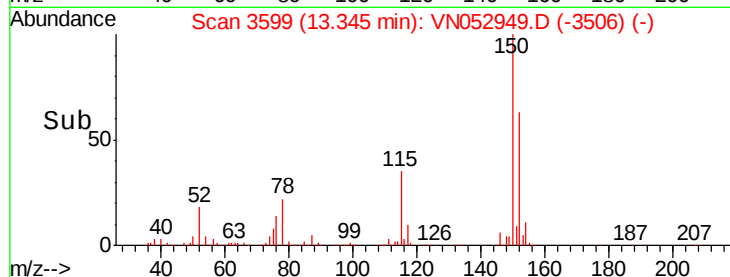
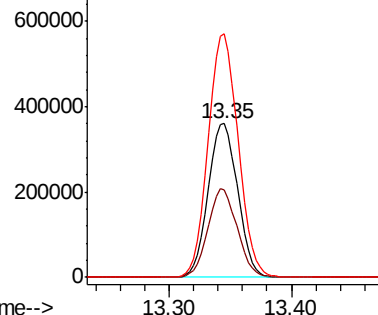
150 160.3 0.0 347.8



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: 0.650 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052949.D

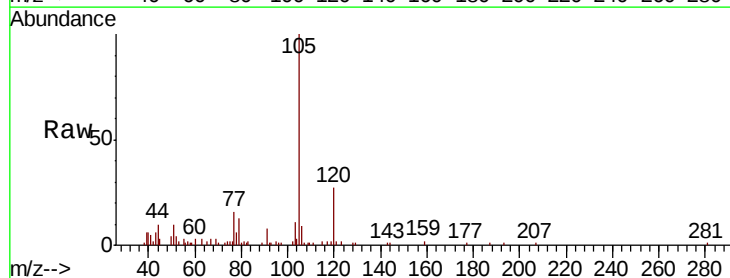
Acq: 18 Dec 2018 1:51

Tgt Ion:105 Resp: 29335

Ion Ratio Lower Upper

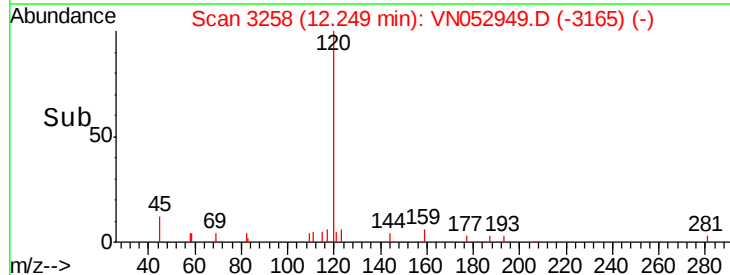
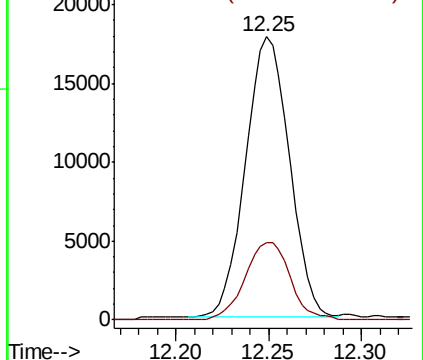
105 100

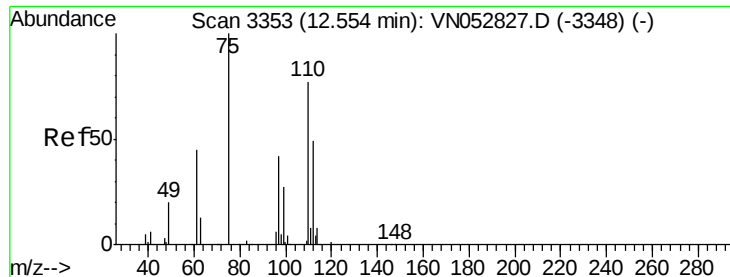
120 28.2 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 34.924 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052949.D

Acq: 18 Dec 2018 1:51

Instrument :

MSVOA_N

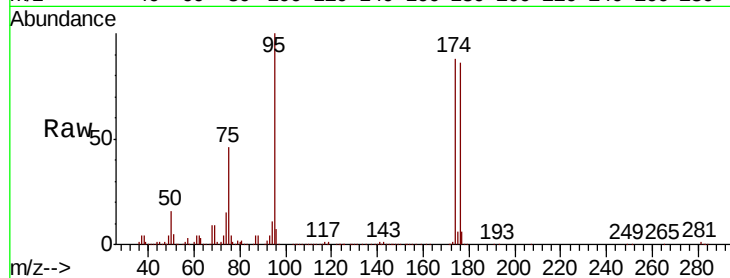
ClientSampleId :

Tot Ion: 75 Resp: 311434

Ion Ratio Lower Upper

75 100

77 1.5 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

200000

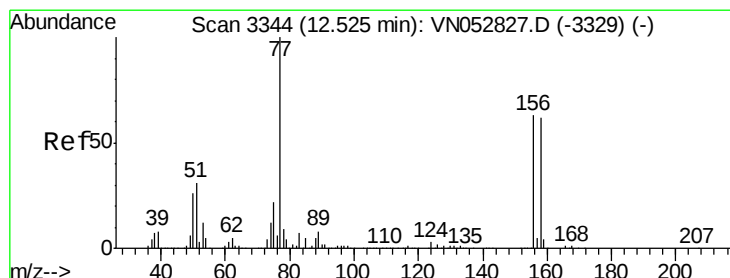
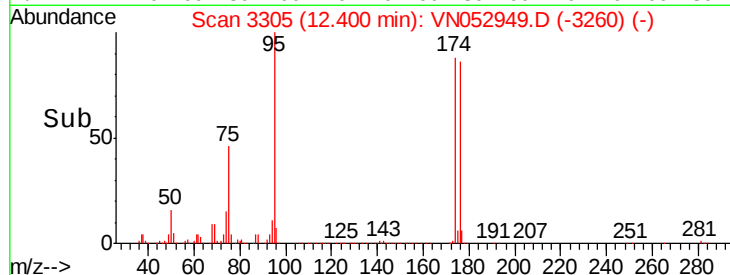
150000

100000

50000

0

Time-->



#77

Bromobenzene

Concen: 1.636 ug/l

RT: 12.56 min Scan# 3355

Delta R.T. 0.04 min

Lab File: VN052949.D

Acq: 18 Dec 2018 1:51

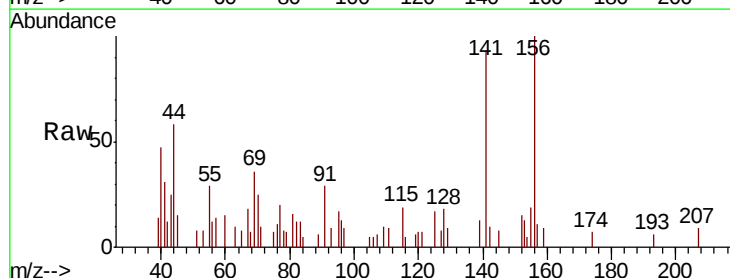
Tgt Ion: 156 Resp: 18776

Ion Ratio Lower Upper

156 100

77 0.0 91.3 273.8#

158 0.0 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

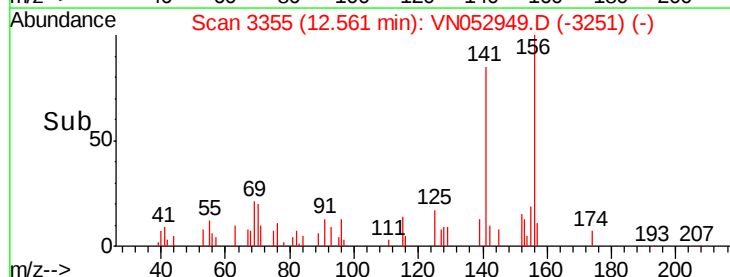
12.56

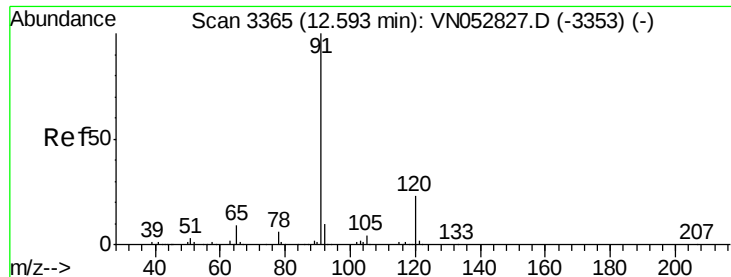
10000

5000

0

Time-->

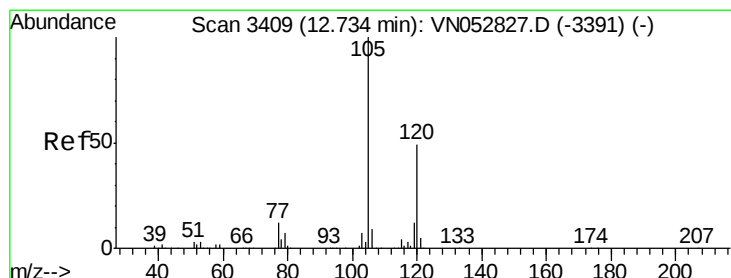
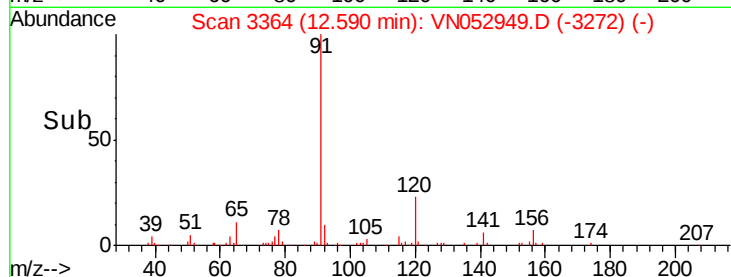
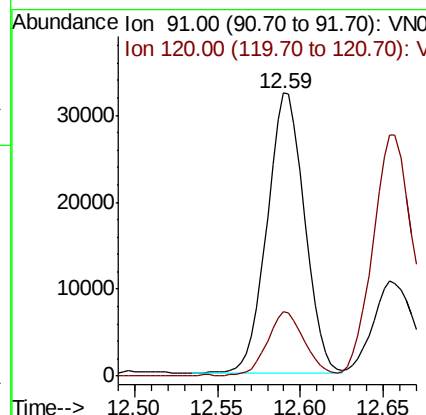
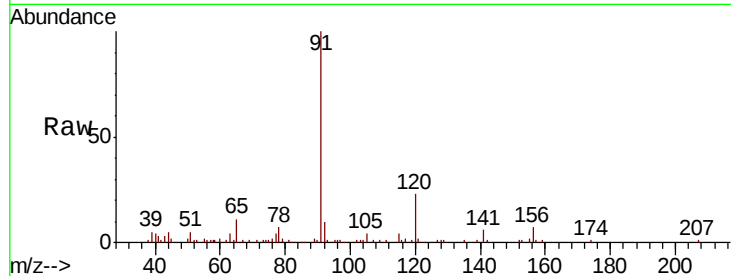




#78
n-propylbenzene
Concen: 0.988 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN052949.D
Acq: 18 Dec 2018 1:51

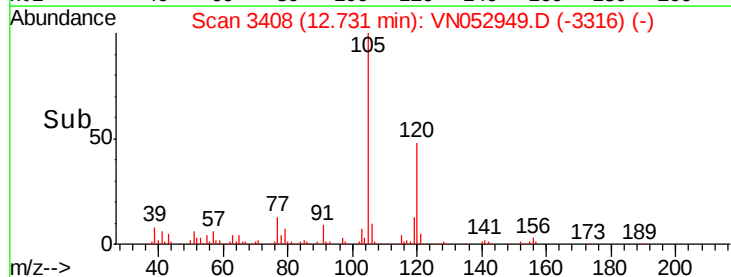
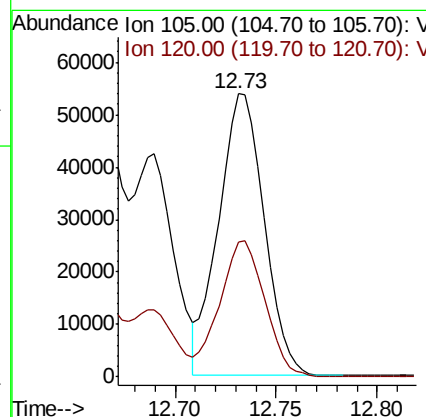
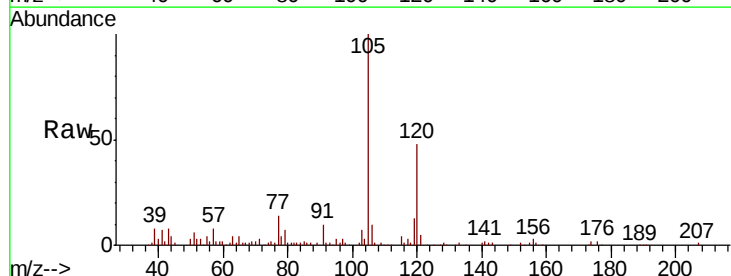
Instrument :
MSVOA_N
ClientSampled :

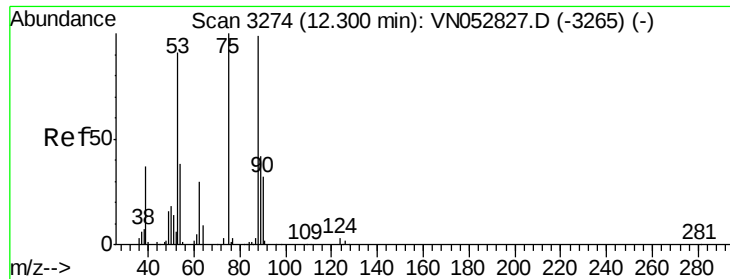
Tot Ion: 91 Resp: 50868
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 2.321 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN052949.D
Acq: 18 Dec 2018 1:51

Tgt Ion: 105 Resp: 84569
Ion Ratio Lower Upper
105 100
120 48.2 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 112.192 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052949.D

Acq: 18 Dec 2018 1:51

Instrument :

MSVOA_N

ClientSampleId :

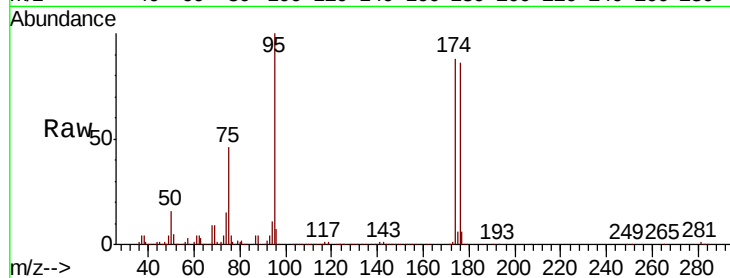
Tot Ion: 75 Resp: 311434

Ion Ratio Lower Upper

75 100

53 0.1 74.7 112.1#

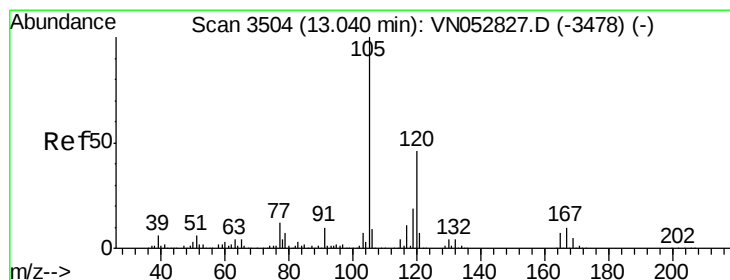
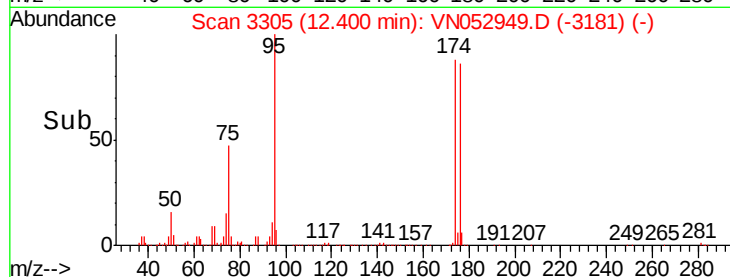
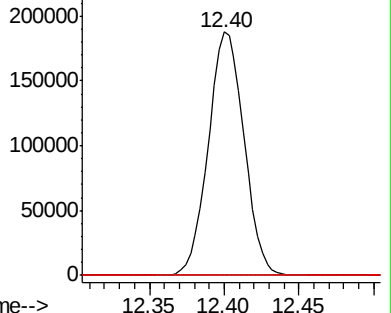
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN052827.D (-3265) (-)

Ion 53.00 (52.70 to 53.70): VN052827.D (-3265) (-)

Ion 88.90 (88.60 to 89.60): VN052827.D (-3265) (-)



#84

1,2,4-Trimethylbenzene

Concen: 8.348 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN052949.D

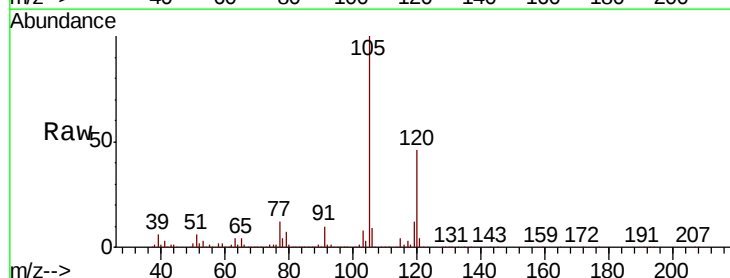
Acq: 18 Dec 2018 1:51

Tgt Ion:105 Resp: 307862

Ion Ratio Lower Upper

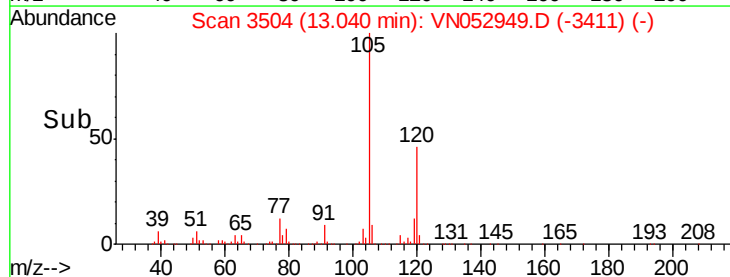
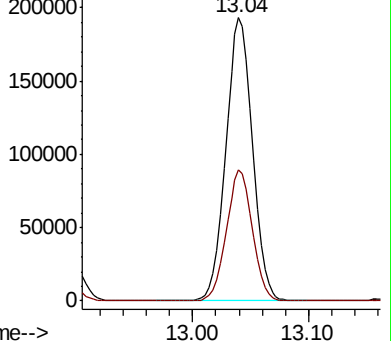
105 100

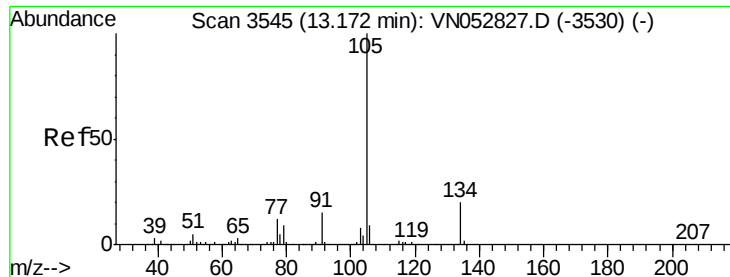
120 45.2 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN052827.D (-3478) (-)

Ion 120.00 (119.70 to 120.70): VN052827.D (-3478) (-)

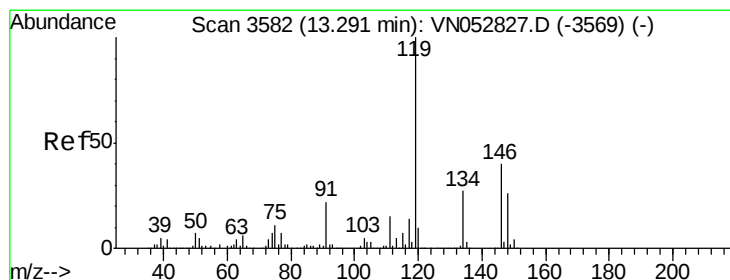
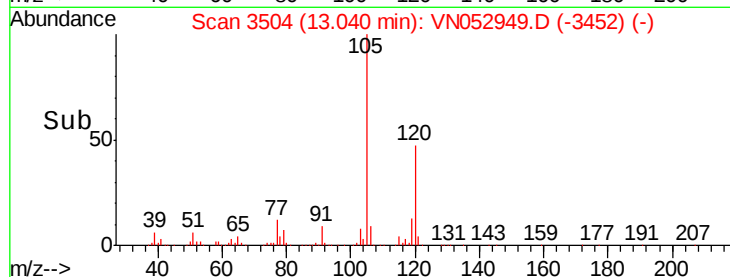
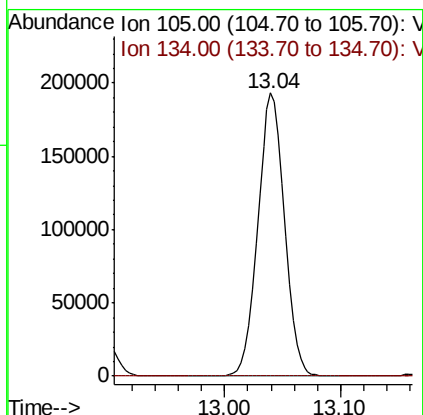
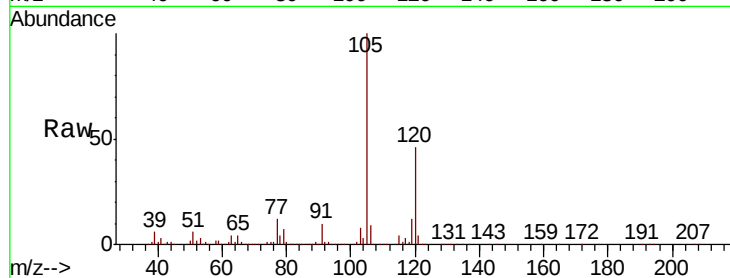




#85
 sec-Butylbenzene
 Concen: 7.074 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN052949.D
 Acq: 18 Dec 2018 1:51

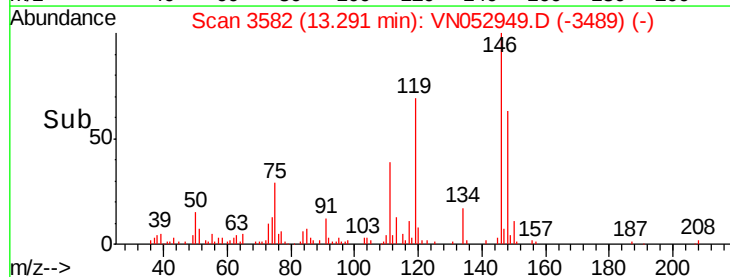
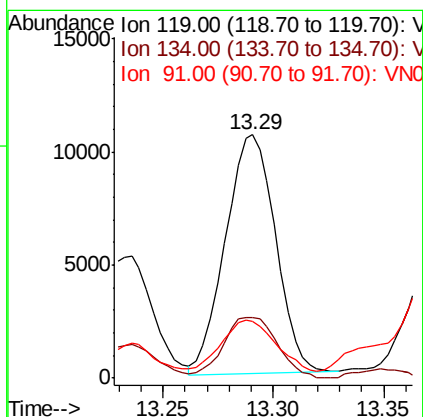
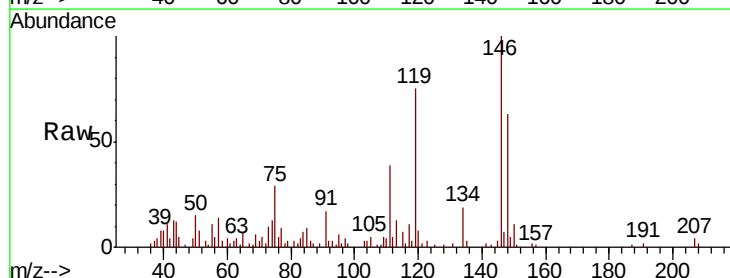
Instrument :
 MSVOA_N
 ClientSampled :

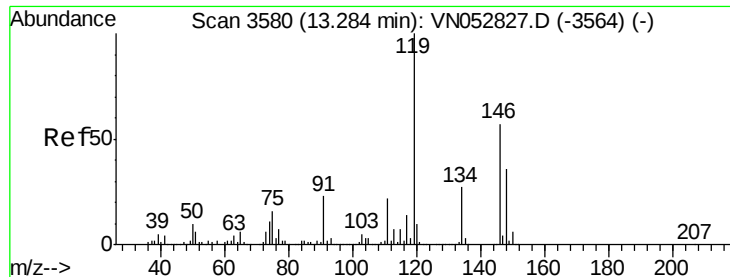
Tot Ion:105 Resp: 307862
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.3#



#86
 p-Isopropyltoluene
 Concen: 0.443 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN052949.D
 Acq: 18 Dec 2018 1:51

Tgt Ion:119 Resp: 16720
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.4 40.2
 91 22.1 11.1 33.3

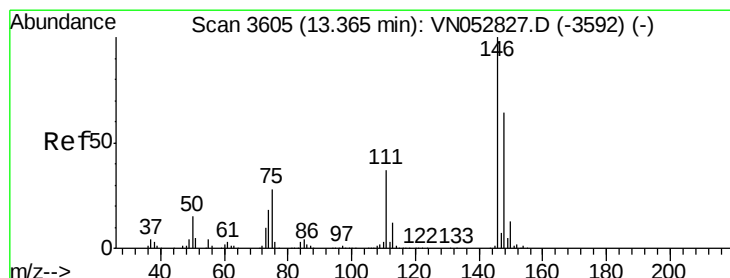
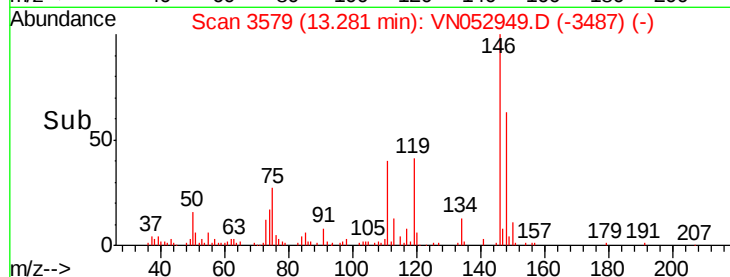
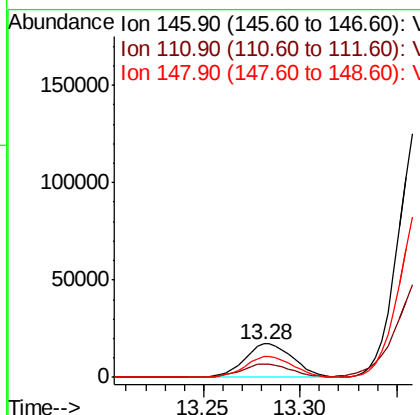
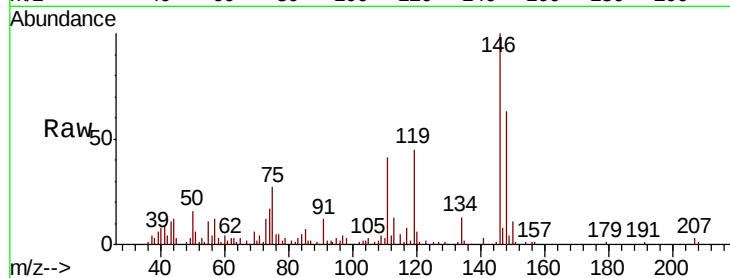




#87
 1,3-Dichlorobenzene
 Concen: 1.458 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN052949.D
 Acq: 18 Dec 2018 1:51

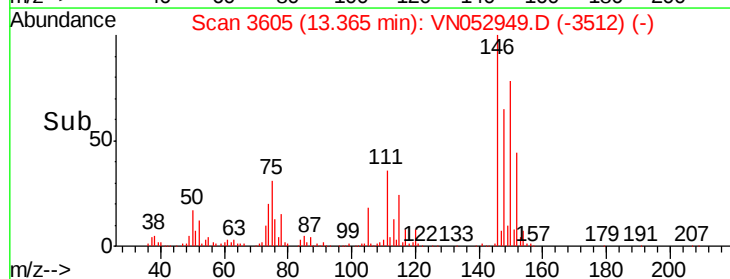
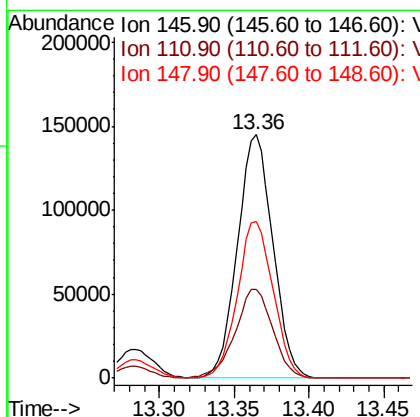
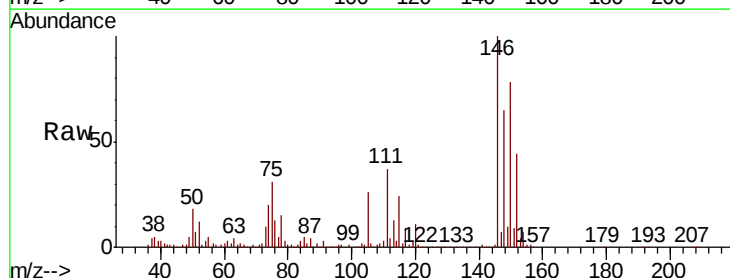
Instrument :
 MSVOA_N
 ClientSampleId :

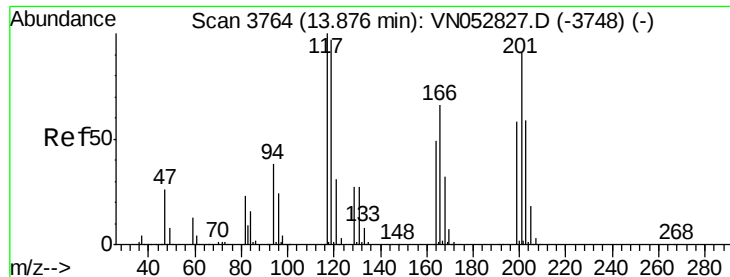
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	19.1	57.1
148	62.0	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 11.812 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN052949.D
 Acq: 18 Dec 2018 1:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.6	55.8
148	65.1	32.1	96.5





#90

Hexachloroethane

Concen: 0.383 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN052949.D

Acq: 18 Dec 2018 1:51

Instrument :

MSVOA_N

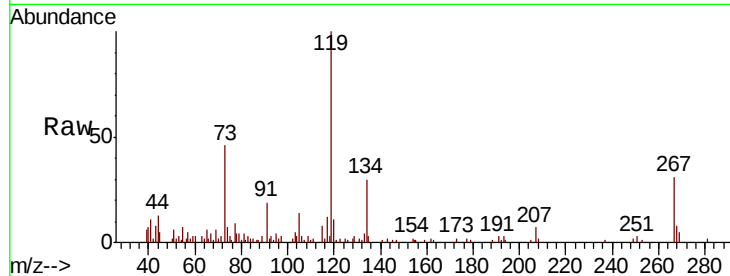
ClientSampled :

Tot Ion:117 Resp: 2419

Ion Ratio Lower Upper

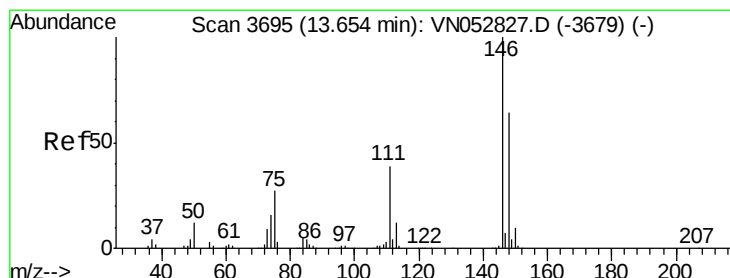
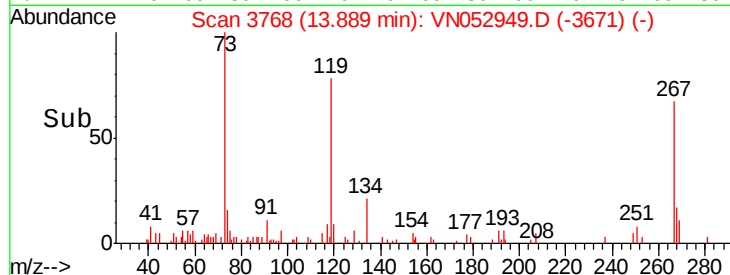
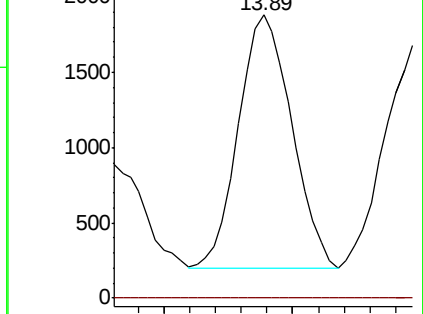
117 100

201 0.0 45.7 137.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.537 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN052949.D

Acq: 18 Dec 2018 1:51

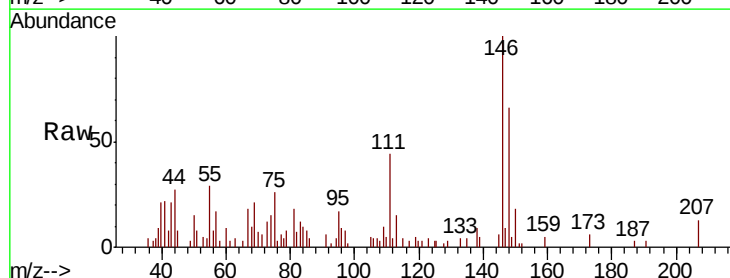
Tgt Ion:146 Resp: 10527

Ion Ratio Lower Upper

146 100

111 44.3 19.7 59.0

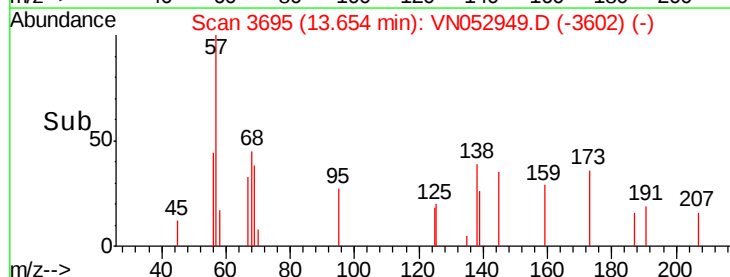
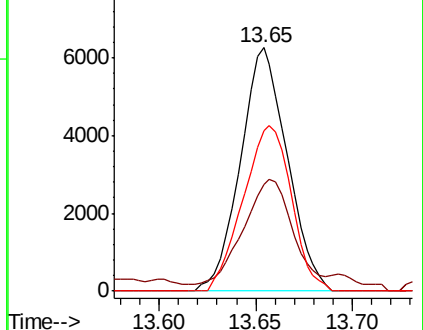
148 70.0 32.0 96.0

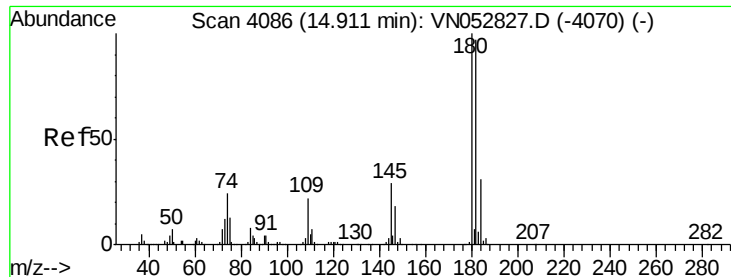


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

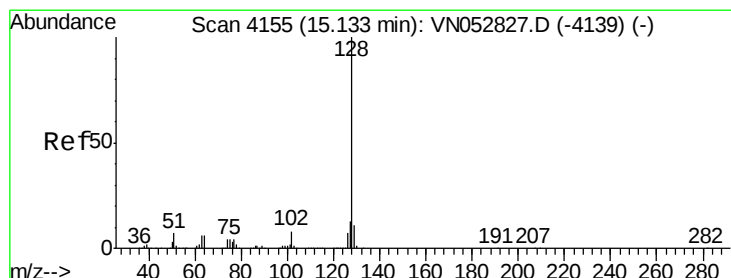
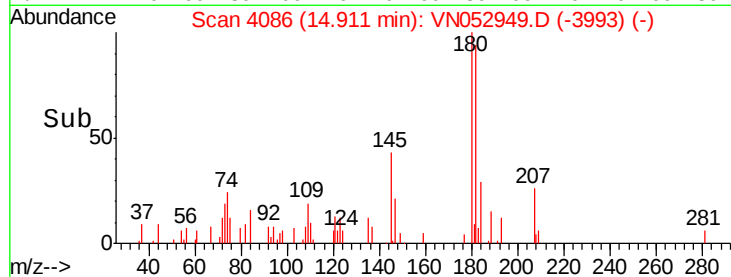
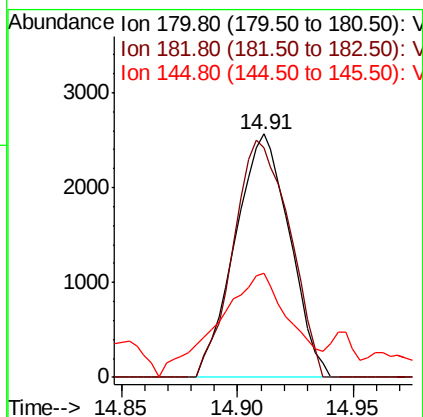
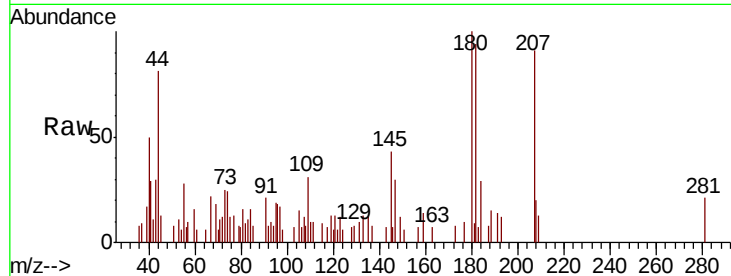




#93
 1,2,4-Trichlorobenzene
 Concen: 0.394 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN052949.D
 Acq: 18 Dec 2018 1:51

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 4197
 Ion Ratio Lower Upper
 180 100
 182 100.8 47.8 143.3
 145 57.8 14.2 42.6#



#95
 Naphthalene
 Concen: 1.219 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN052949.D
 Acq: 18 Dec 2018 1:51

Tgt Ion:128 Resp: 26937
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.2 15.4
 129 13.0 8.6 13.0#

