

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052919\
 Data File : VN055869.D
 Acq On : 29 May 2019 11:38
 Operator : JC/SP
 Sample : K3065-07DL 20X
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-14-11.5-12.0DL

Quant Time: May 30 06:53:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	398516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	574630	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	534646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	229886	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	190811	46.36	ug/l	0.00
Spiked Amount			Recovery	=	92.72%	
35) Dibromofluoromethane	7.59	113	169616	46.69	ug/l	0.00
Spiked Amount			Recovery	=	93.38%	
50) Toluene-d8	10.09	98	693558	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.40	95	240432	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	10285	13.079	ug/l #	74
13) Acrolein	3.49	56	129	0.229	ug/l #	1
16) Acetone	3.82	43	484	0.268	ug/l #	41
18) Methyl Acetate	4.33	43	1626	Below Cal	#	83
31) Cyclohexane	7.66	56	6118	0.990	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	23278	4.649	ug/l #	47
38) Carbon Tetrachloride	7.66	117	32776	6.284	ug/l #	15
40) Benzene	8.04	78	44258	2.933	ug/l	97
43) Isopropyl Acetate	8.32	43	4078	0.501	ug/l #	53
52) Toluene	10.15	92	257921	27.173	ug/l	100
53) t-1,3-Dichloropropene	10.15	75	2458	0.435	ug/l #	1
67) Ethyl Benzene	11.51	91	1068874	55.689	ug/l	98
68) m/p-Xylenes	11.62	106	361939	49.881	ug/l	100
69) o-Xylene	11.95	106	150508	20.907	ug/l	99
70) Styrene	11.96	104	21409	1.836	ug/l #	1
71) Bromoform	12.40	173	1565	0.430	ug/l #	1
73) Isopropylbenzene	12.25	105	52262	0.559	ug/l	99
74) N-amyl acetate	12.08	43	93	Below Cal	#	33
75) 1,1,2,2-Tetrachloroethane	12.68	83	447	Below Cal	#	79
76) 1,2,3-Trichloropropane	12.40	75	112279	26.911	ug/l #	100
78) n-propylbenzene	12.59	91	24319	1.217	ug/l	98
79) 2-Chlorotoluene	12.65	91	42924	1.517	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	107824	5.558	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	112279	65.715	ug/l #	15
82) 4-Chlorotoluene	12.73	91	9708	0.827	ug/l #	39
84) 1,2,4-Trimethylbenzene	13.04	105	293898	19.981	ug/l	99
85) sec-Butylbenzene	13.04	105	293898	17.454	ug/l #	55
86) p-Isopropyltoluene	13.23	119	11342	0.710	ug/l	91
89) n-Butylbenzene	13.54	91	95300	7.791	ug/l #	44
90) Hexachloroethane	13.88	117	3239	1.066	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.92	180	502	3.741	ug/l #	69
95) Naphthalene	15.13	128	396064	37.244	ug/l	100

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QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

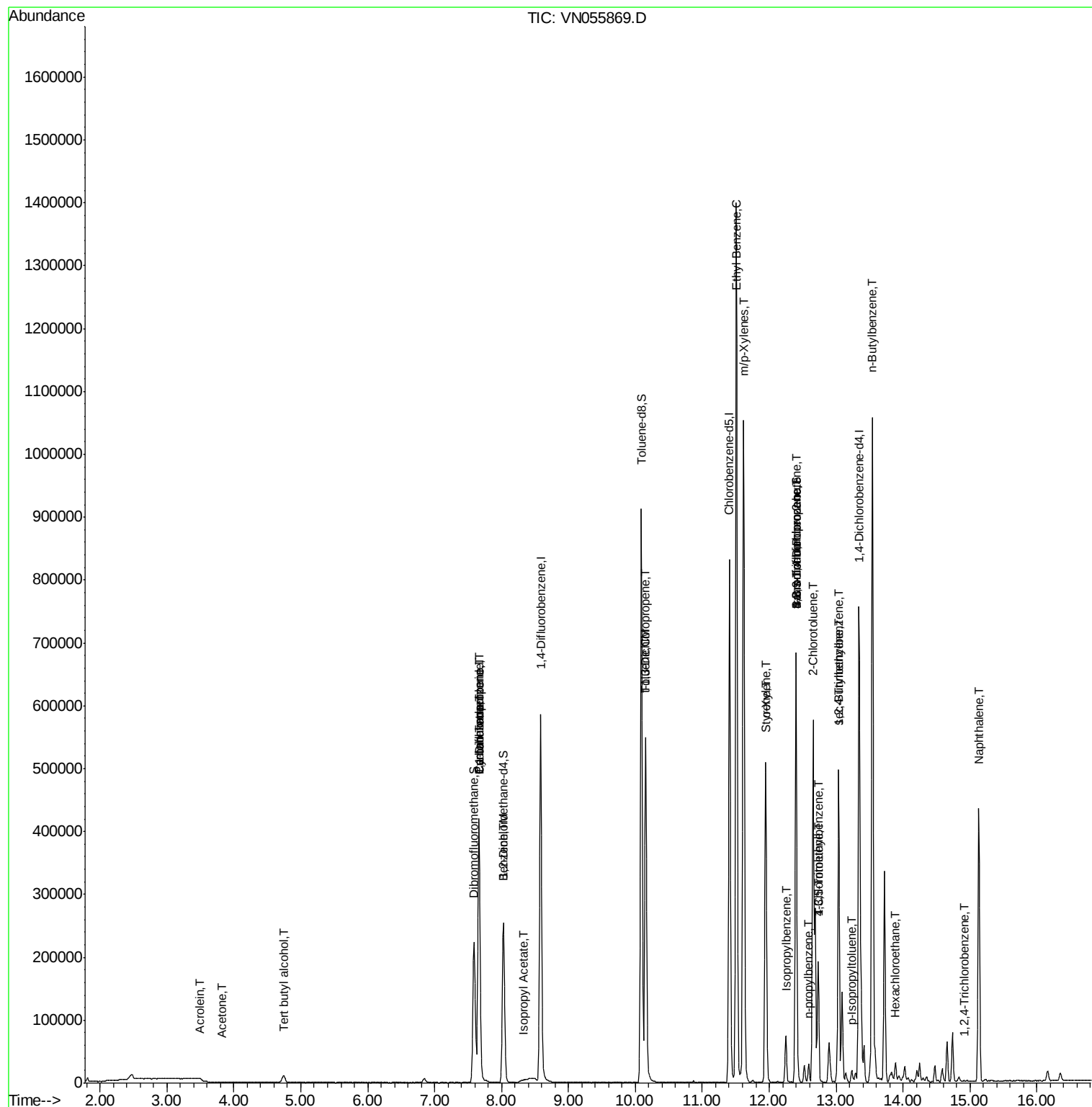
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

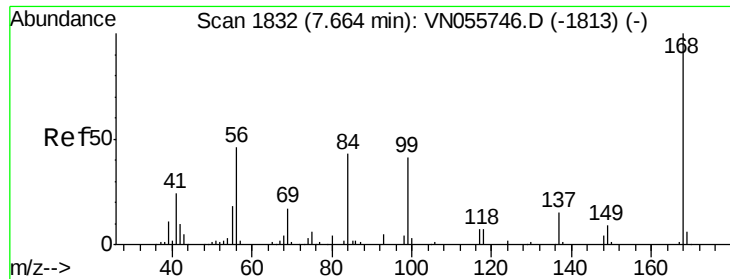
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052919\
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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055869.D

Acq: 29 May 2019 11:38

Instrument :

MSVOA_N

ClientSampleId :

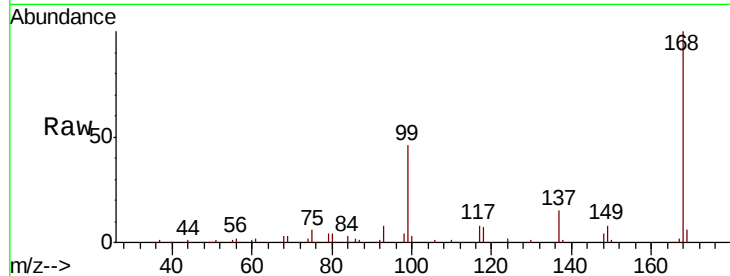
B-14-11.5-12.0DL

Tot Ion:168 Resp: 398516

Ion Ratio Lower Upper

168 100

99 45.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

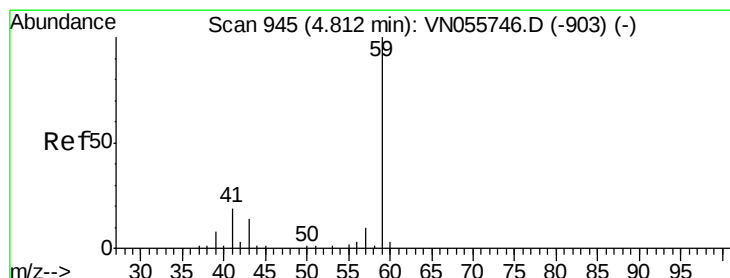
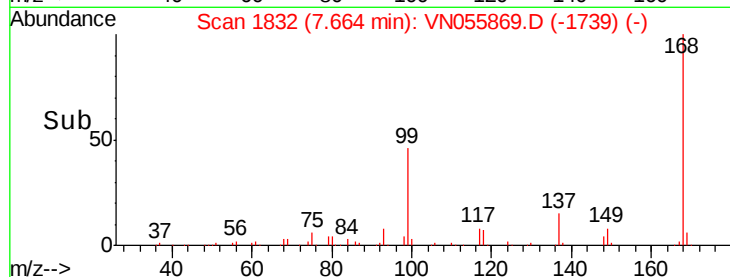
100000

50000

0

Time-->

7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 13.079 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.08 min

Lab File: VN055869.D

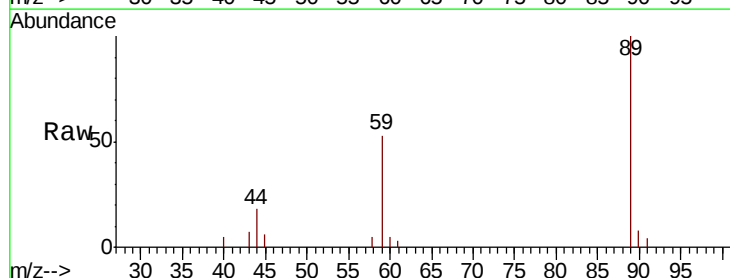
Acq: 29 May 2019 11:38

Tgt Ion: 59 Resp: 10285

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.73

3000

2500

2000

1500

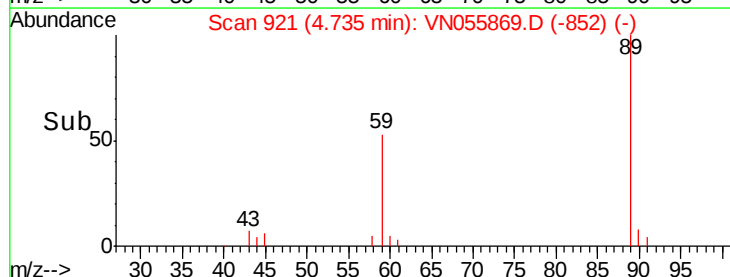
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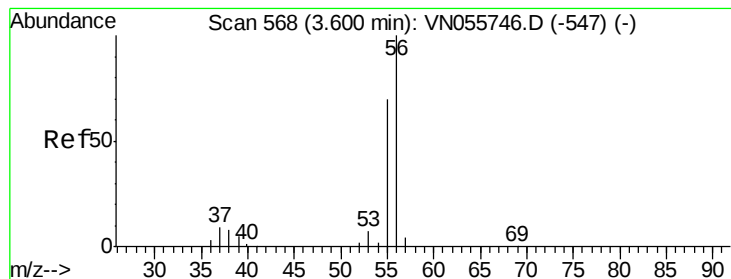
500

0

Time-->

4.65 4.70 4.75 4.80 4.85





#13

Acrolein

Concen: 0.229 ug/l

RT: 3.49 min Scan# 533

Delta R.T. -0.11 min

Lab File: VN055869.D

Acq: 29 May 2019 11:38

Instrument :

MSVOA_N

ClientSampleId :

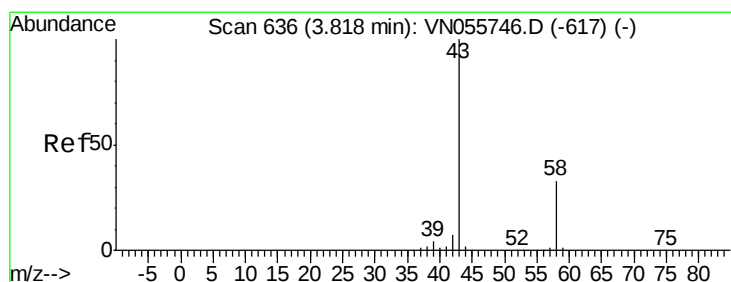
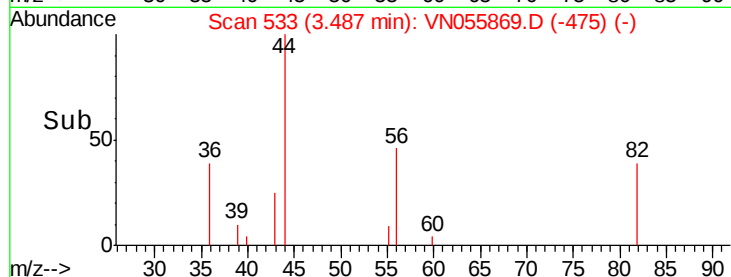
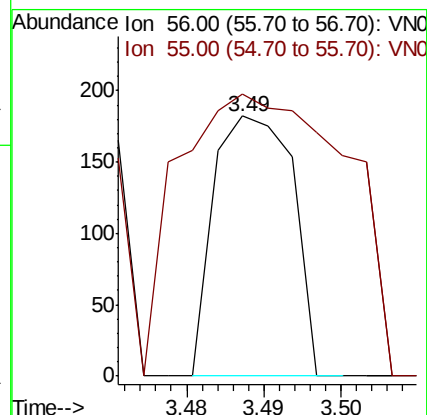
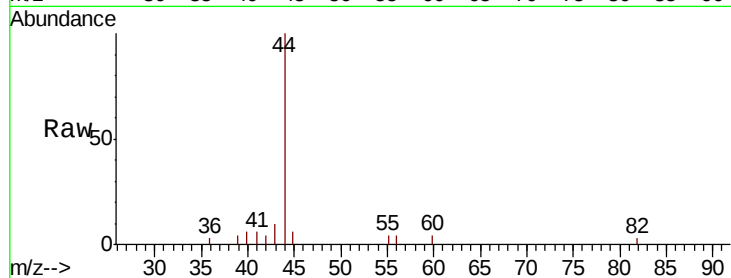
B-14-11.5-12.0DL

Tot Ion: 56 Resp: 129

Ion Ratio Lower Upper

56 100

55 230.2 55.4 83.2#



#16

Acetone

Concen: 0.268 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055869.D

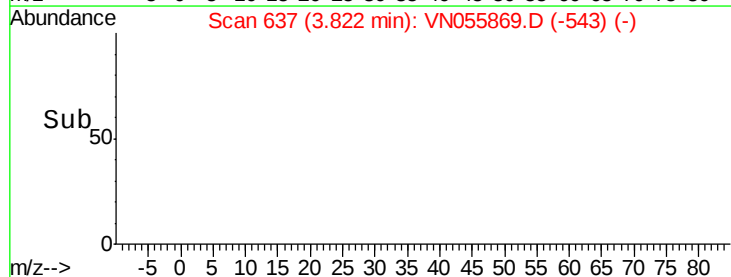
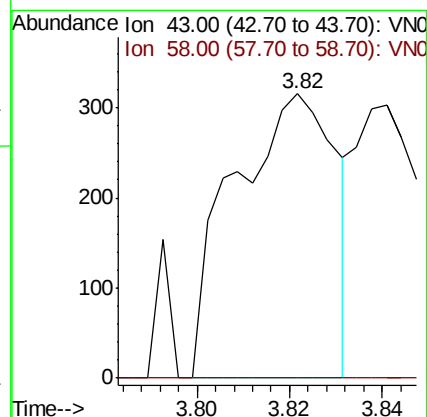
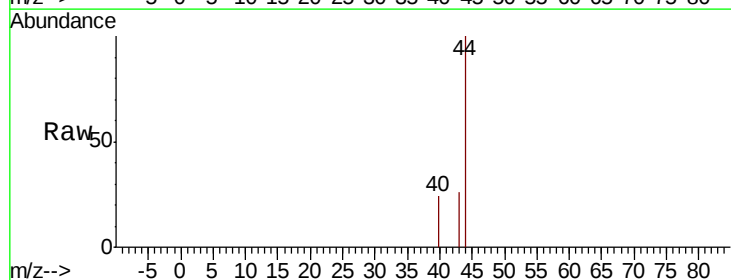
Acq: 29 May 2019 11:38

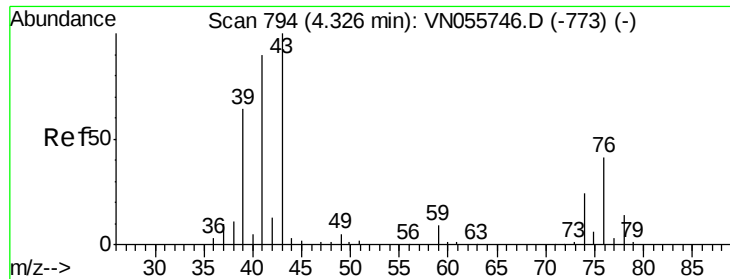
Tgt Ion: 43 Resp: 484

Ion Ratio Lower Upper

43 100

58 0.0 26.6 39.8#

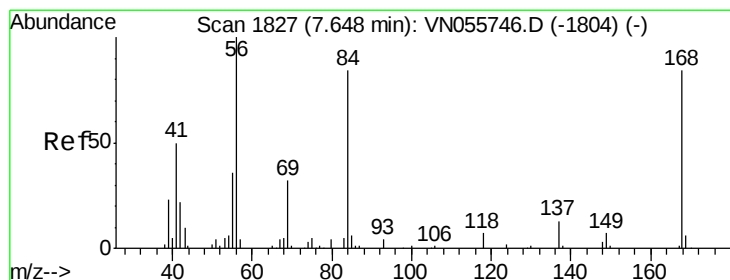
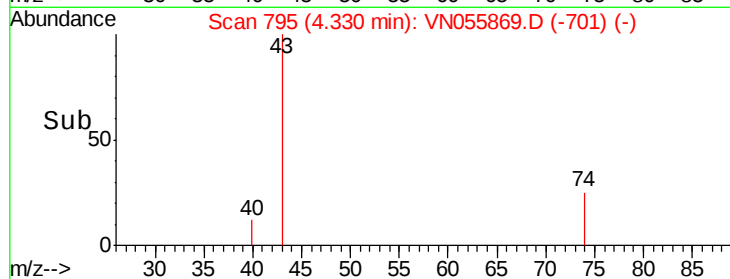
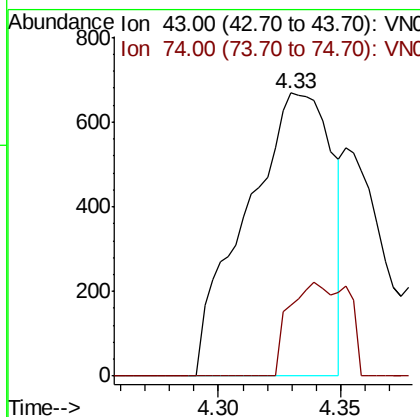
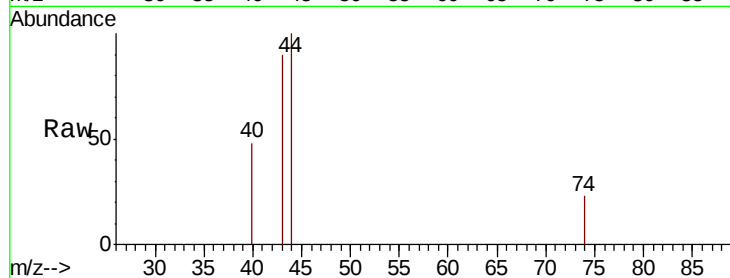




#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055869.D
Acq: 29 May 2019 11:38

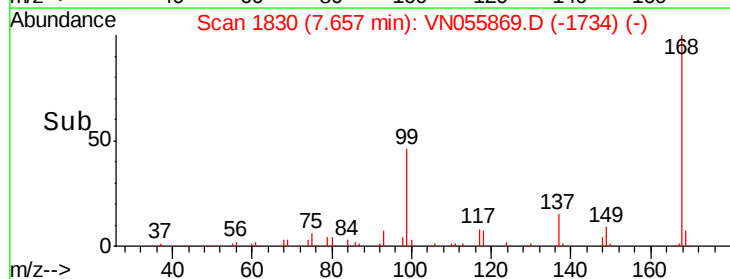
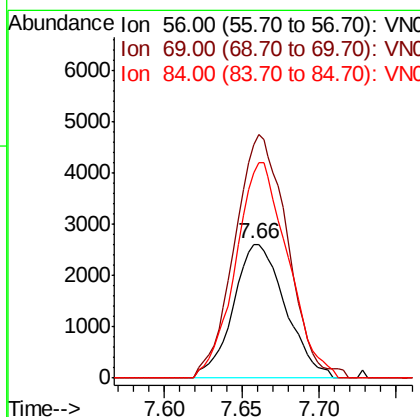
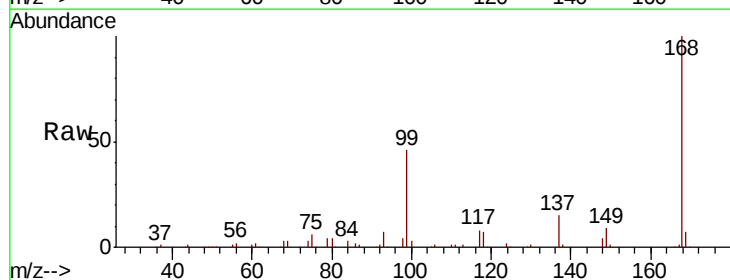
Instrument :
MSVOA_N
ClientSampleId :
B-14-11.5-12.0DL

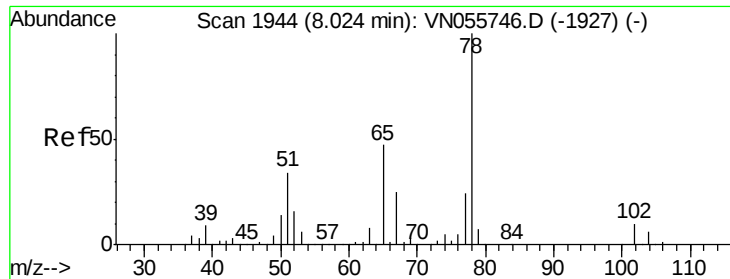
Tot Ion: 43 Resp: 1626
Ion Ratio Lower Upper
43 100
74 15.7 19.3 28.9#



#31
Cyclohexane
Concen: 0.990 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN055869.D
Acq: 29 May 2019 11:38

Tgt Ion: 56 Resp: 6118
Ion Ratio Lower Upper
56 100
69 174.9 25.6 38.4#
84 153.1 67.4 101.0#





#33

1,2-Dichloroethane-d4

Concen: 46.363 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055869.D

Acq: 29 May 2019 11:38

Instrument :

MSVOA_N

ClientSampleId :

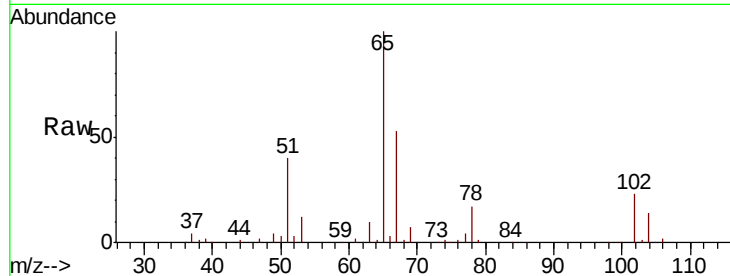
B-14-11.5-12.0DL

Tot Ion: 65 Resp: 190811

Ion Ratio Lower Upper

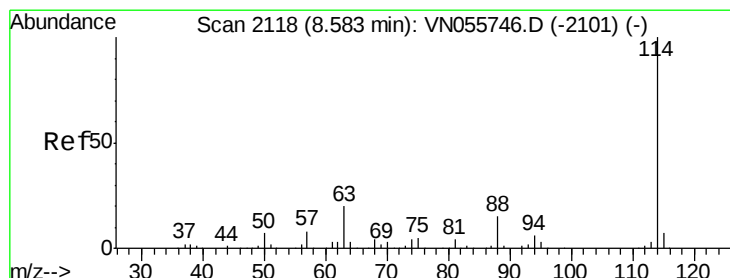
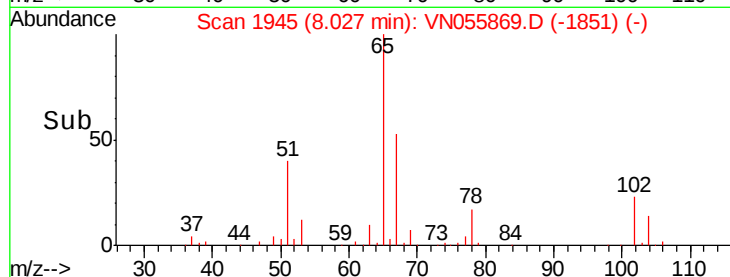
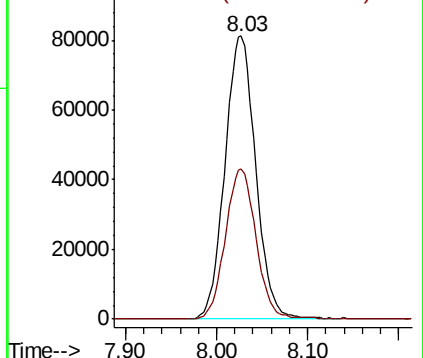
65 100

67 53.0 0.0 109.2



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: VN055869.D

Acq: 29 May 2019 11:38

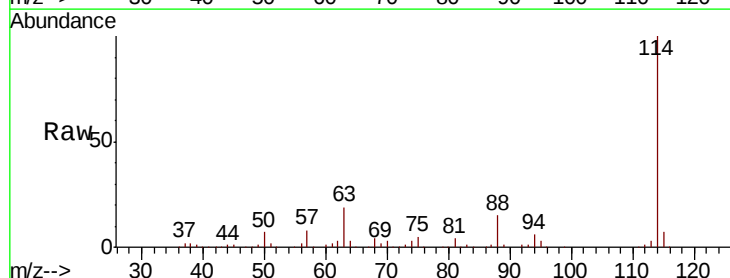
Tgt Ion:114 Resp: 574630

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

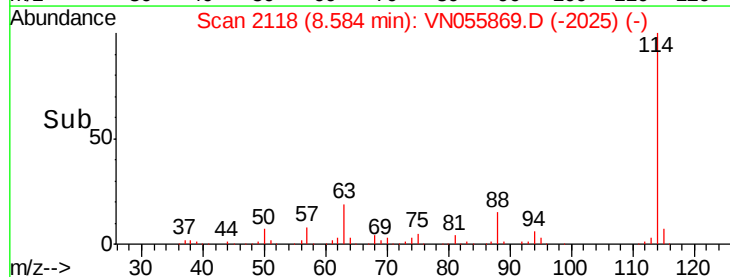
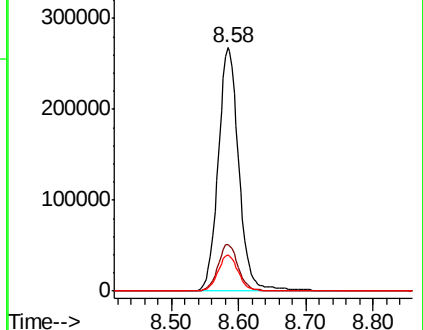
88 14.7 0.0 31.0

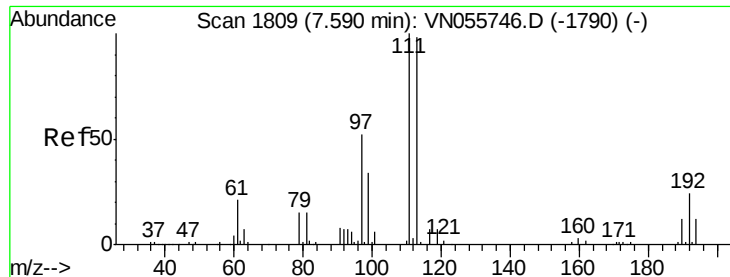


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

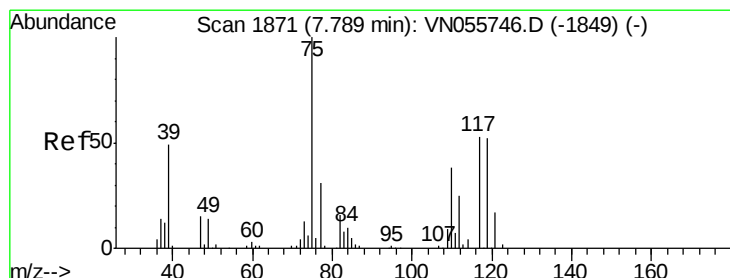
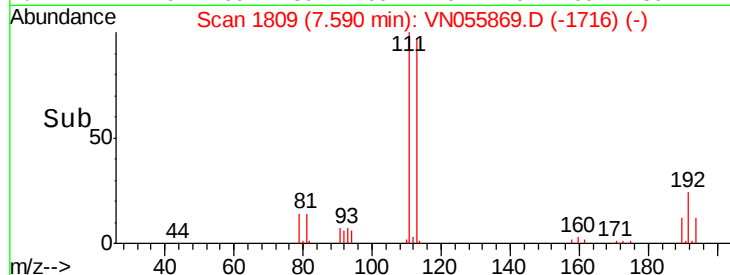
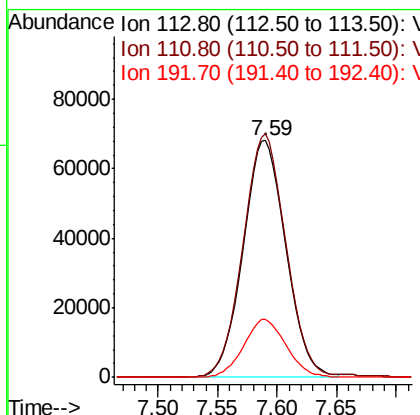
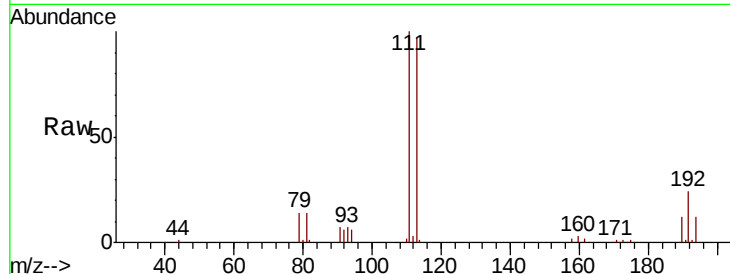




#35
 Dibromofluoromethane
 Concen: 46.688 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055869.D
 Acq: 29 May 2019 11:38

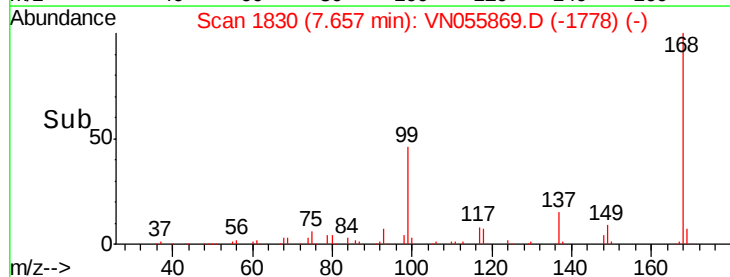
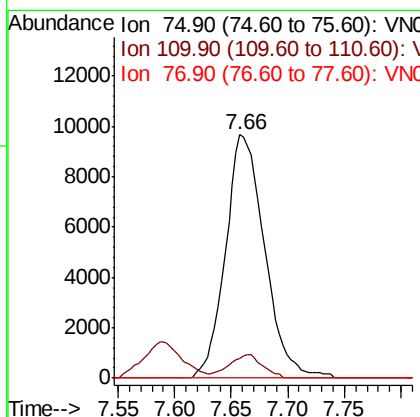
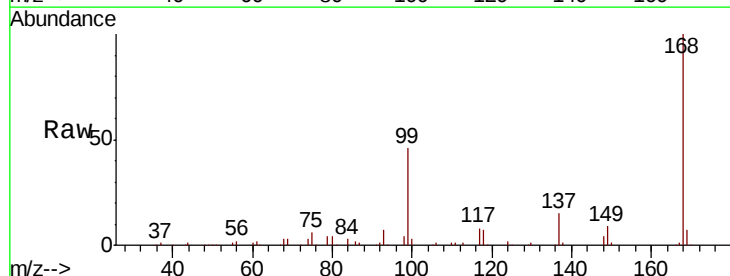
Instrument :
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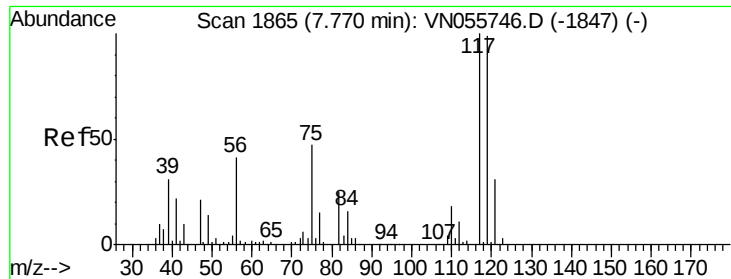
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.9	122.9
192	24.3	19.5	29.3



#36
 1,1-Dichloropropene
 Concen: 4.649 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN055869.D
 Acq: 29 May 2019 11:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	19.0	57.0#
77	0.0	25.1	37.7#

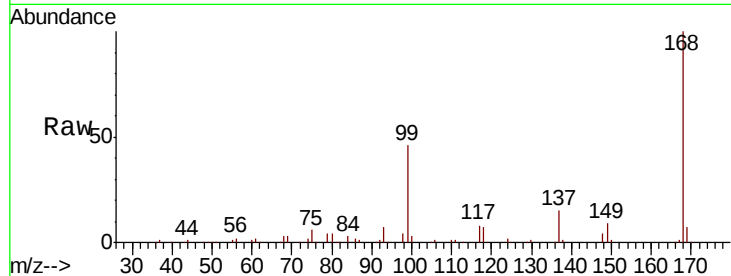




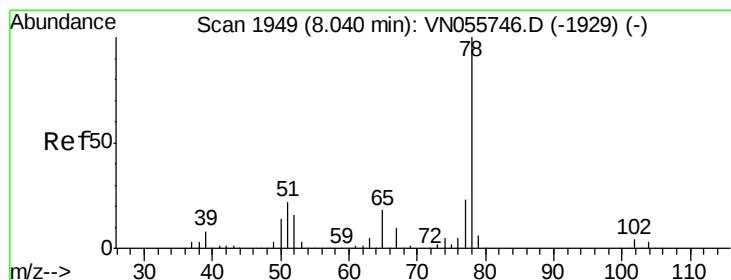
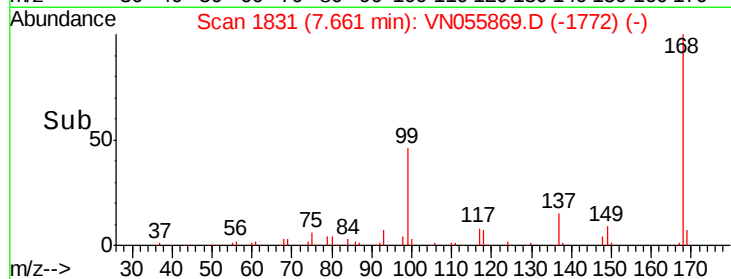
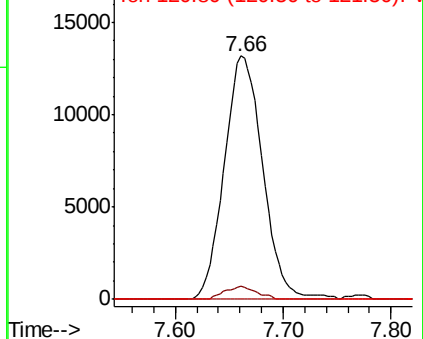
#38
Carbon Tetrachloride
Concen: 6.284 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN055869.D
Acq: 29 May 2019 11:38

Instrument :
MSVOA_N
ClientSampleId :
B-14-11.5-12.0DL

Tot Ion:117 Resp: 32776
Ion Ratio Lower Upper
117 100
119 5.2 79.0 118.6#
121 0.0 24.7 37.1#

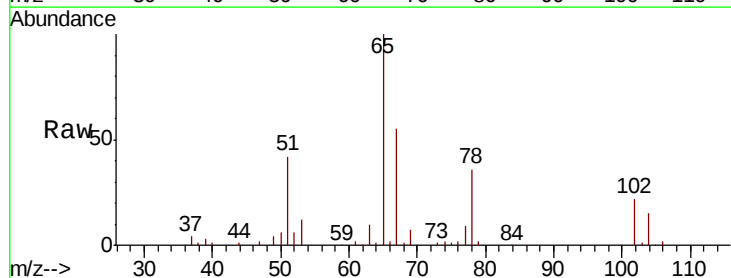


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

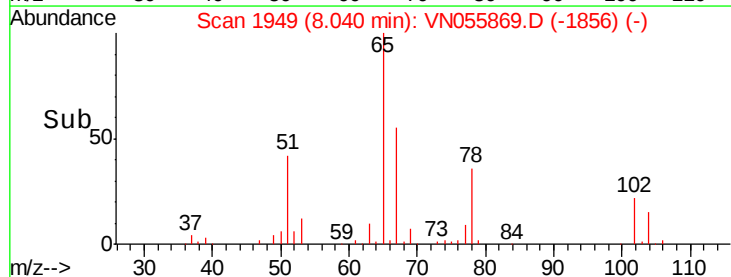
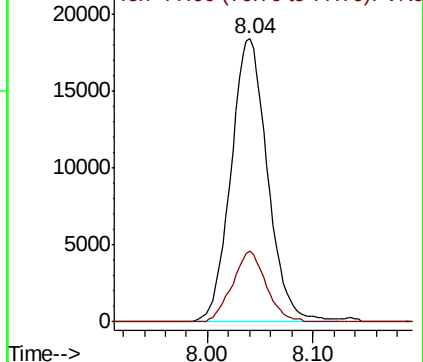


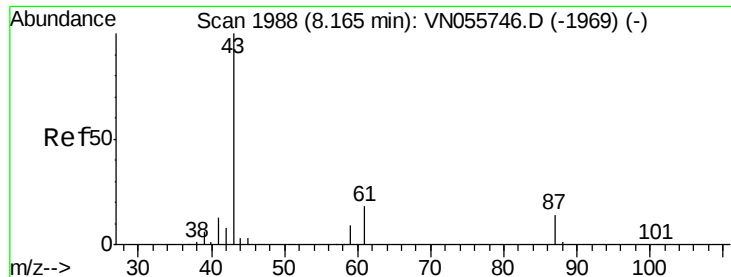
#40
Benzene
Concen: 2.933 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055869.D
Acq: 29 May 2019 11:38

Tgt Ion: 78 Resp: 44258
Ion Ratio Lower Upper
78 100
77 25.0 18.8 28.2



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





#43

Isopropyl Acetate

Concen: 0.501 ug/l

RT: 8.32 min Scan# 2035

Delta R.T. 0.15 min

Lab File: VN055869.D

Acq: 29 May 2019 11:38

Instrument :

MSVOA_N

ClientSampleId :

B-14-11.5-12.0DL

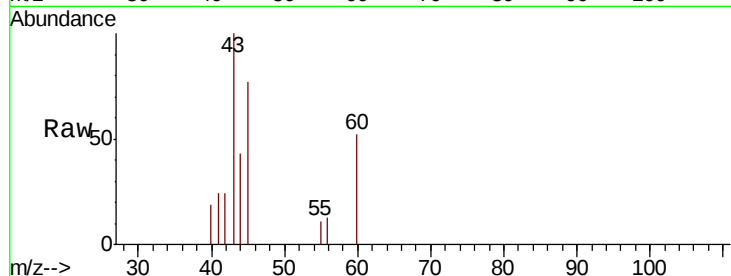
Tot Ion: 43 Resp: 4078

Ion Ratio Lower Upper

43 100

61 0.0 22.2 33.4#

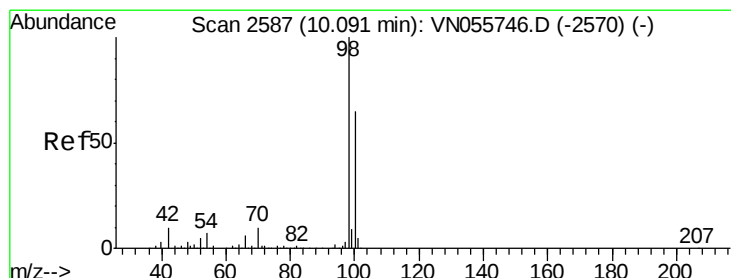
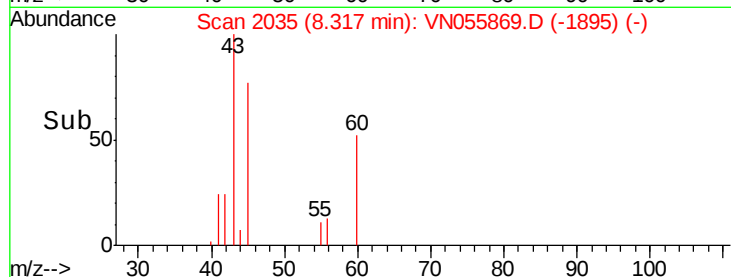
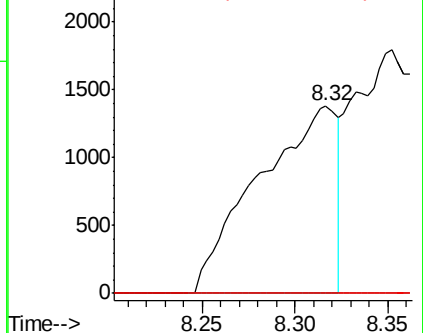
87 0.0 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN055746.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN055746.D (-1969) (-)



#50

Toluene-d8

Concen: 49.768 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055869.D

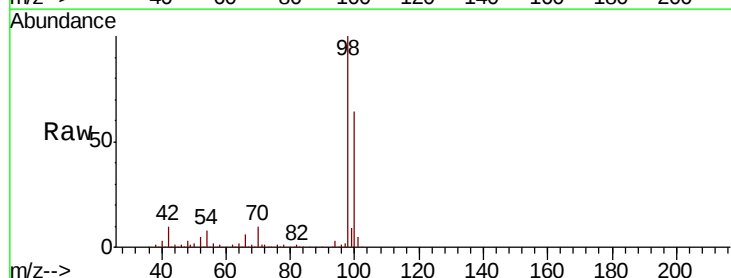
Acq: 29 May 2019 11:38

Tgt Ion: 98 Resp: 693558

Ion Ratio Lower Upper

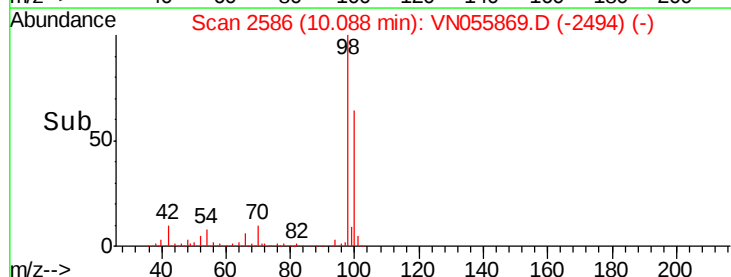
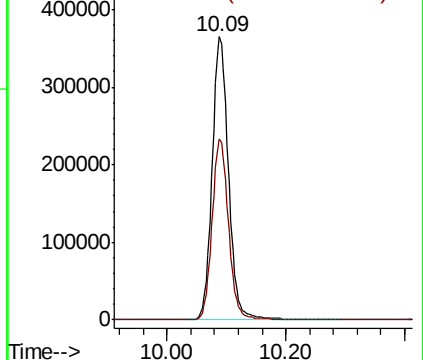
98 100

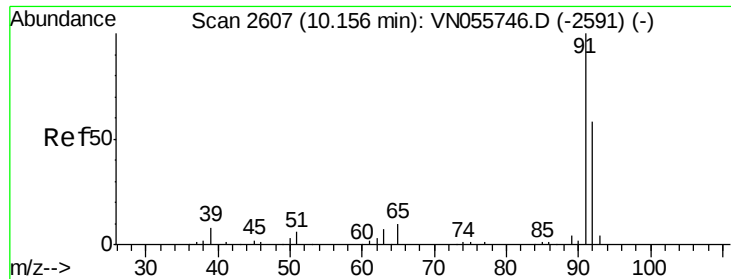
100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055746.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055746.D (-2570) (-)





#52

Toluene

Concen: 27.173 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055869.D

Acq: 29 May 2019 11:38

Instrument :

MSVOA_N

ClientSampleId :

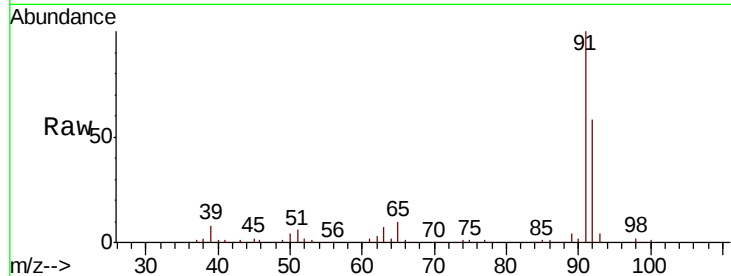
B-14-11.5-12.0DL

Tot Ion: 92 Resp: 257921

Ion Ratio Lower Upper

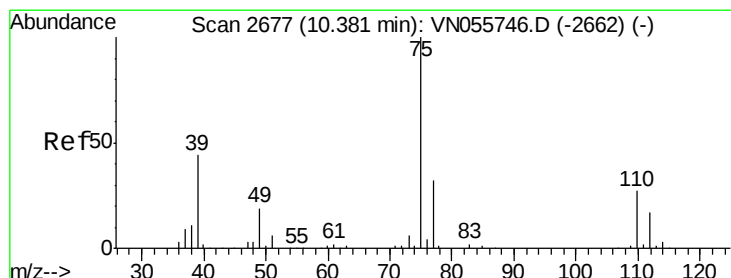
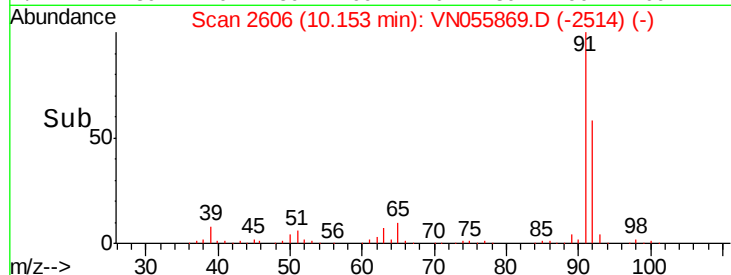
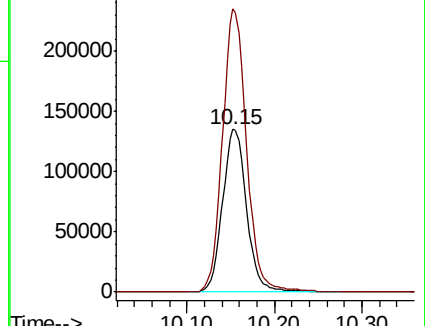
92 100

91 173.7 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#53

t-1,3-Dichloropropene

Concen: 0.435 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.23 min

Lab File: VN055869.D

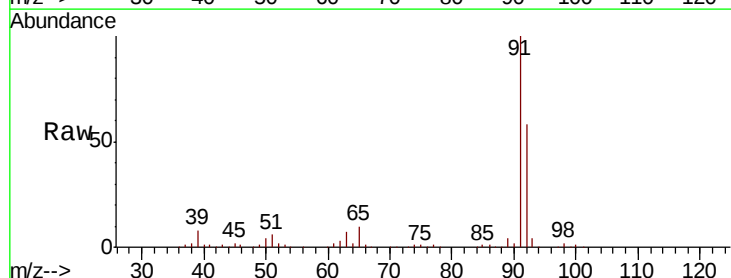
Acq: 29 May 2019 11:38

Tgt Ion: 75 Resp: 2458

Ion Ratio Lower Upper

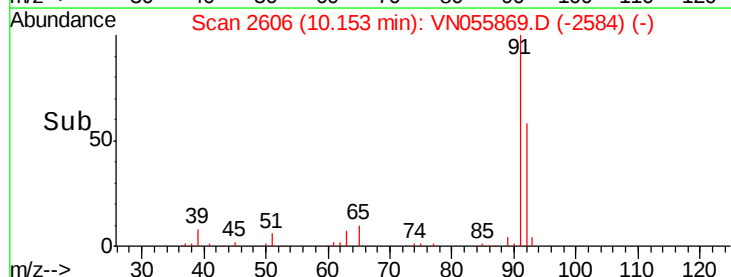
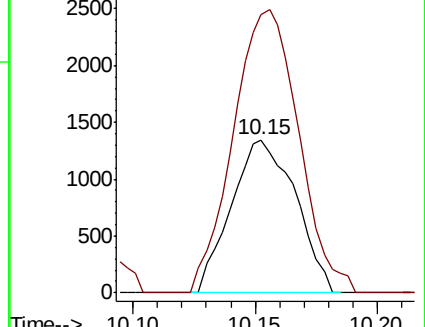
75 100

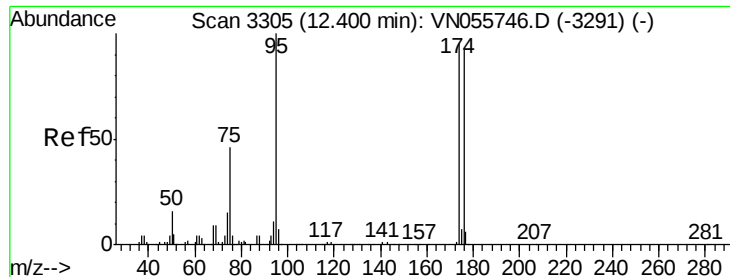
77 181.5 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0





#62

4-Bromofluorobenzene

Concen: 50.316 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055869.D

Acq: 29 May 2019 11:38

Instrument :

MSVOA_N

ClientSampled :

B-14-11.5-12.0DL

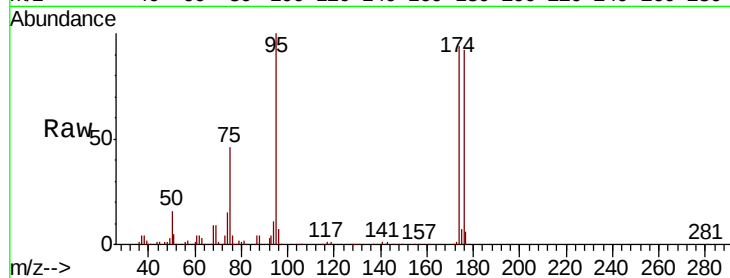
Tot Ion: 95 Resp: 240432

Ion Ratio Lower Upper

95 100

174 95.3 0.0 191.0

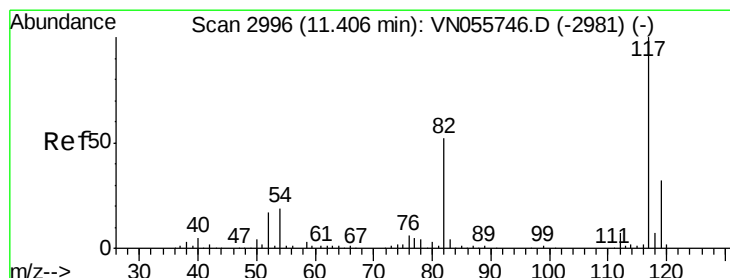
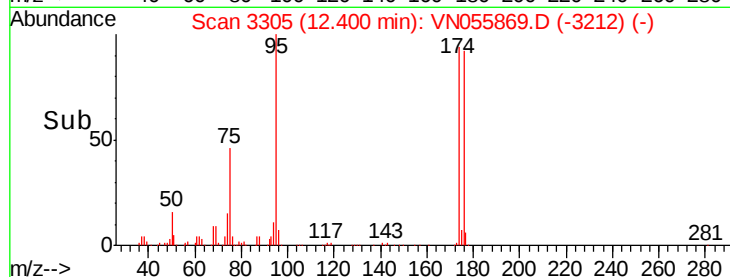
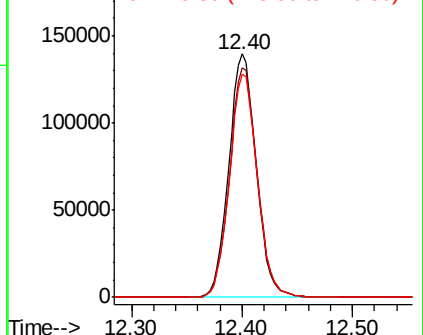
176 92.9 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055869.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055869.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055869.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055869.D

Acq: 29 May 2019 11:38

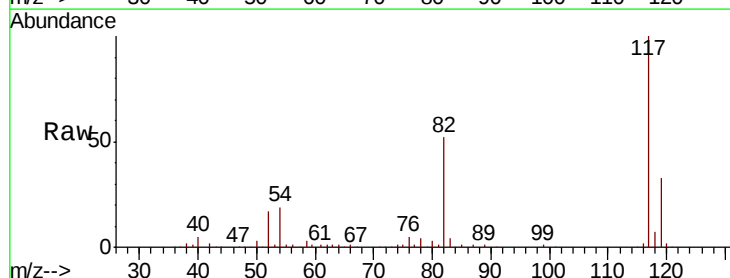
Tgt Ion: 117 Resp: 534646

Ion Ratio Lower Upper

117 100

82 52.3 41.8 62.8

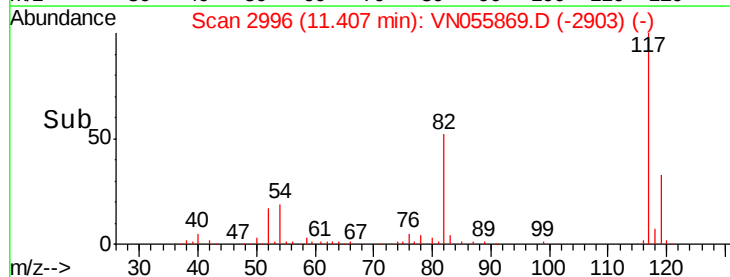
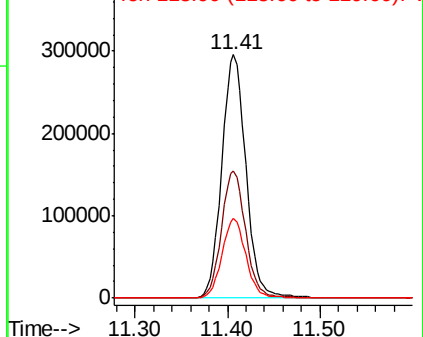
119 32.6 25.4 38.0

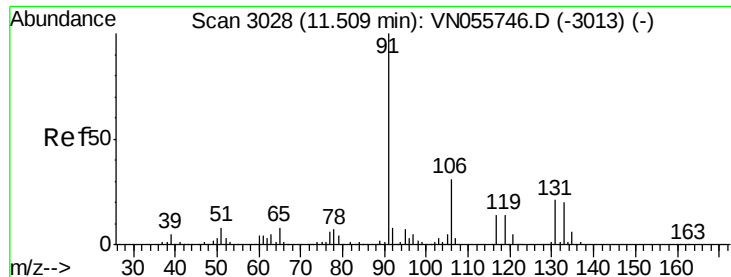


Abundance Ion 116.90 (116.60 to 117.60): VN055869.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055869.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055869.D (-2903) (-)

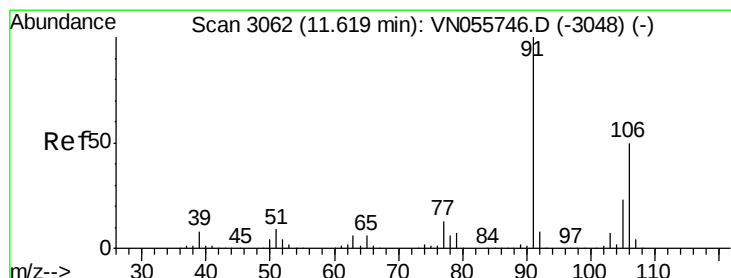
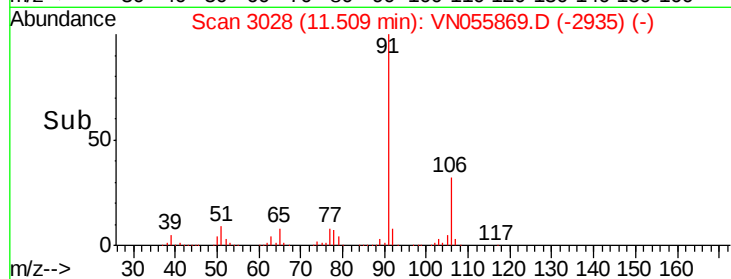
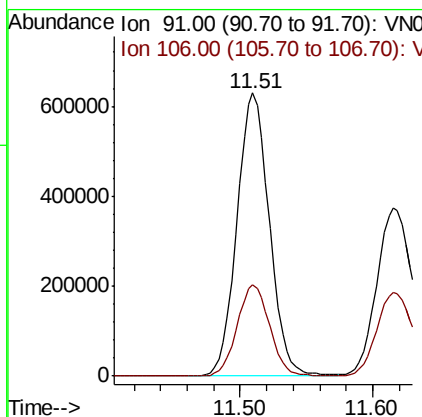
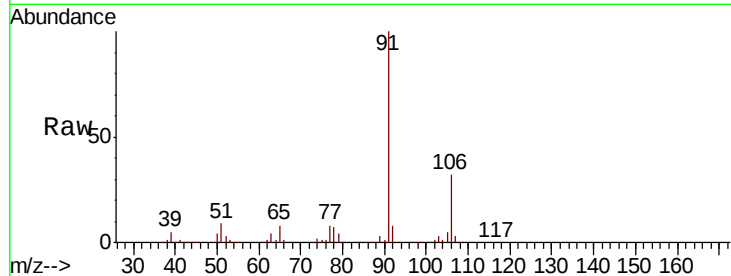




#67
Ethyl Benzene
Concen: 55.689 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055869.D
Acq: 29 May 2019 11:38

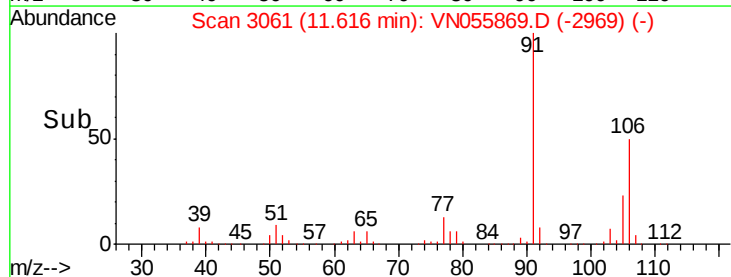
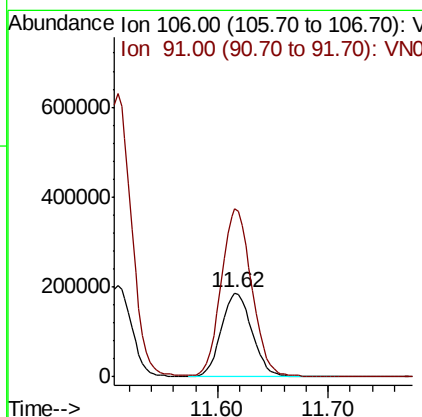
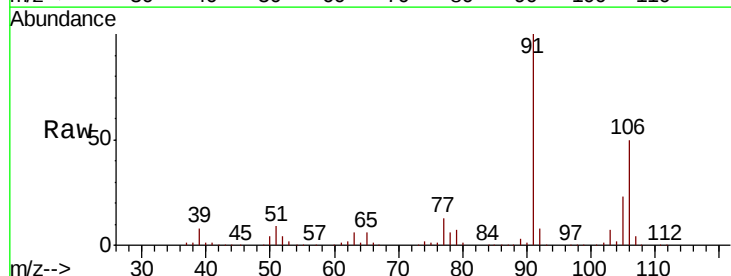
Instrument :
MSVOA_N
ClientSampleId :
B-14-11.5-12.0DL

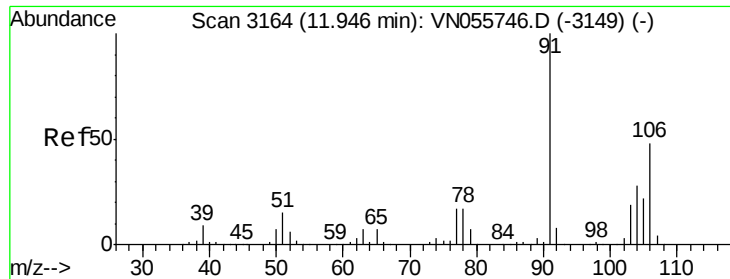
Tot Ion: 91 Resp: 1068874
Ion Ratio Lower Upper
91 100
106 32.2 25.1 37.7



#68
m/p-Xylenes
Concen: 49.881 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055869.D
Acq: 29 May 2019 11:38

Tgt Ion: 106 Resp: 361939
Ion Ratio Lower Upper
106 100
91 198.7 159.3 238.9

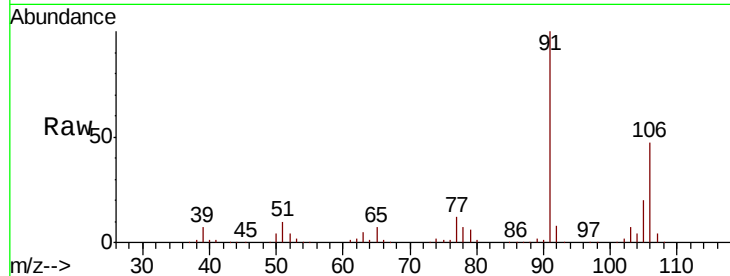




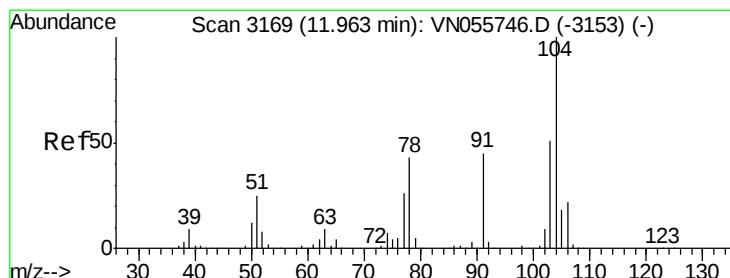
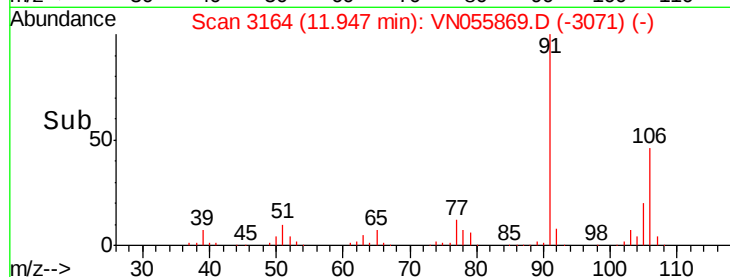
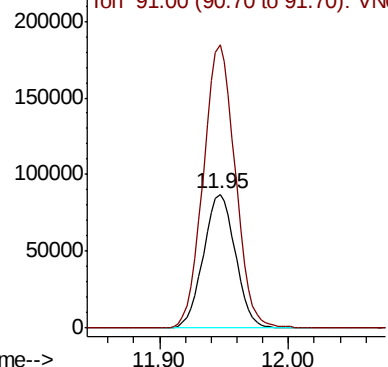
#69
o-Xylene
Concen: 20.907 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055869.D
Acq: 29 May 2019 11:38

Instrument :
MSVOA_N
ClientSampled :
B-14-11.5-12.0DL

Tot Ion:106 Resp: 150508
Ion Ratio Lower Upper
106 100
91 211.1 104.7 314.1

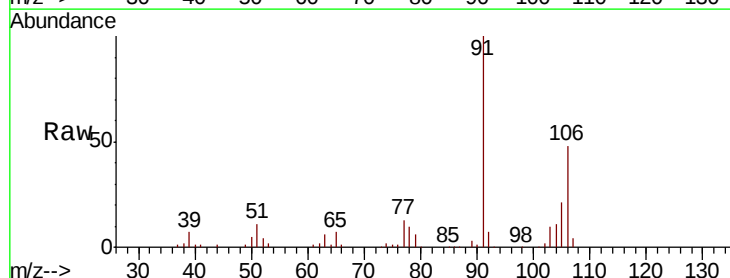


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

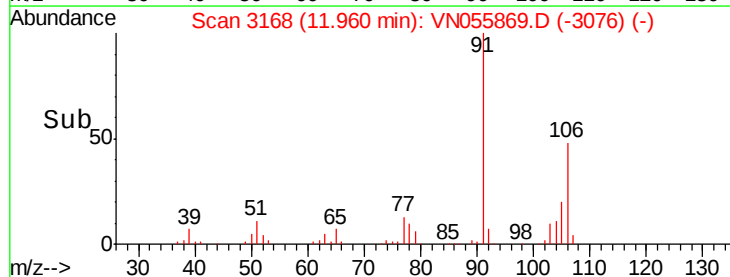
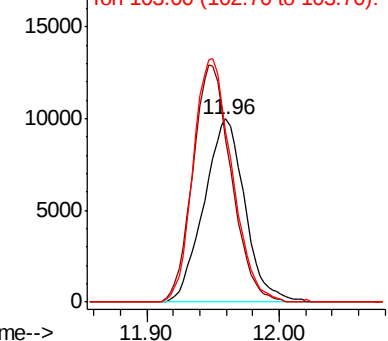


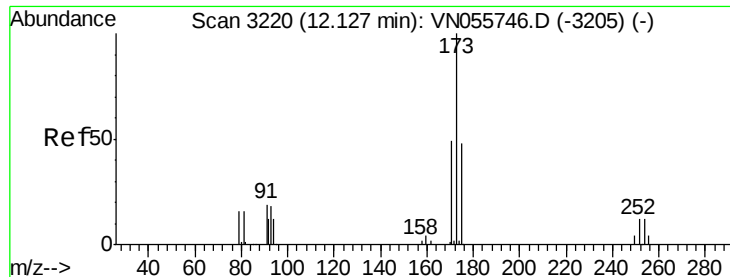
#70
Styrene
Concen: 1.836 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN055869.D
Acq: 29 May 2019 11:38

Tgt Ion:104 Resp: 21409
Ion Ratio Lower Upper
104 100
78 121.2 37.8 56.6#
103 125.4 44.2 66.2#



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





#71

Bromoform

Concen: 0.430 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN055869.D

Acq: 29 May 2019 11:38

Instrument :

MSVOA_N

ClientSampleId :

B-14-11.5-12.0DL

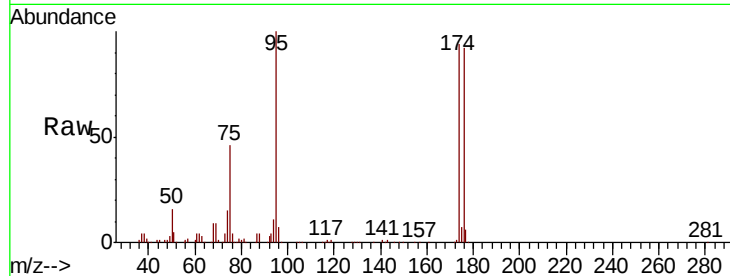
Tot Ion:173 Resp: 1565

Ion Ratio Lower Upper

173 100

175 921.2 24.3 72.8#

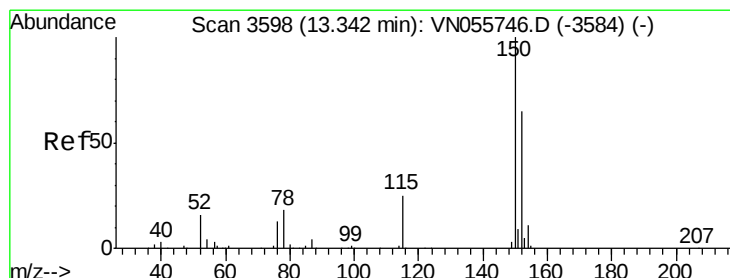
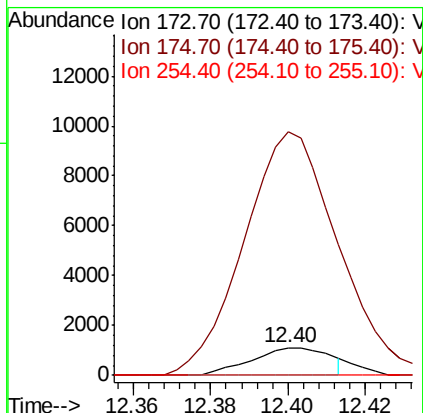
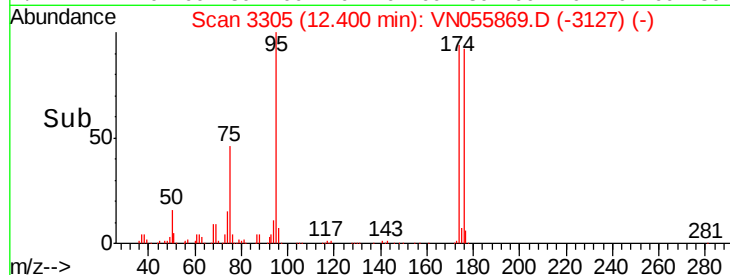
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055869.D

Acq: 29 May 2019 11:38

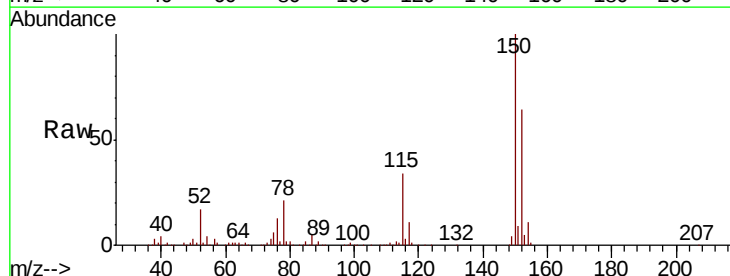
Tgt Ion:152 Resp: 229886

Ion Ratio Lower Upper

152 100

115 53.0 27.0 81.0

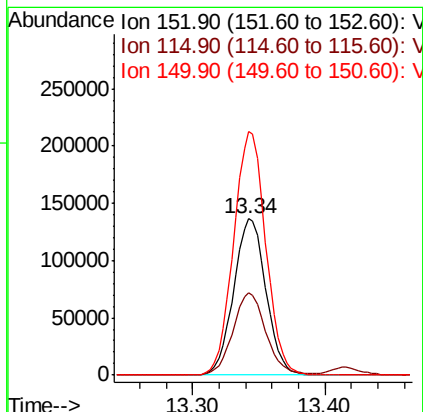
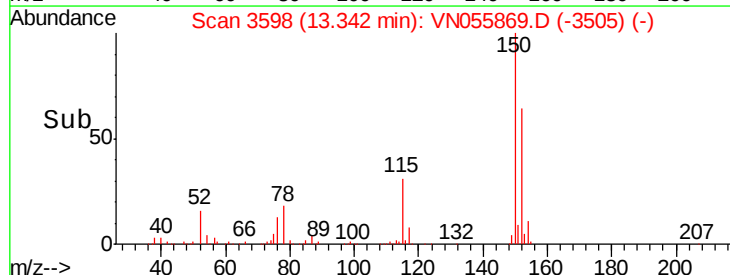
150 155.1 0.0 343.2

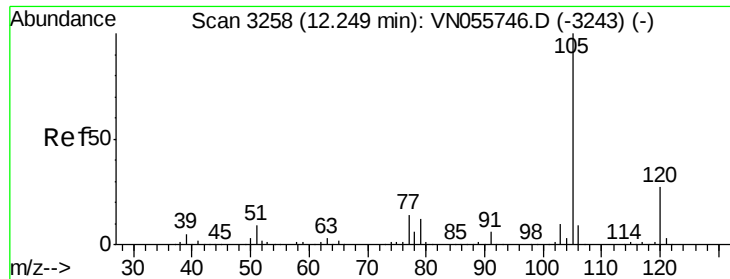


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.559 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055869.D

Acq: 29 May 2019 11:38

Instrument :

MSVOA_N

ClientSampleId :

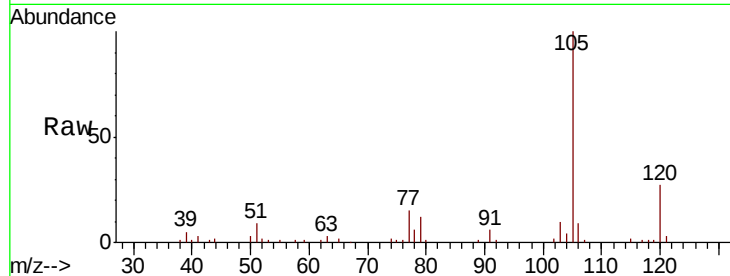
B-14-11.5-12.0DL

Tot Ion:105 Resp: 52262

Ion Ratio Lower Upper

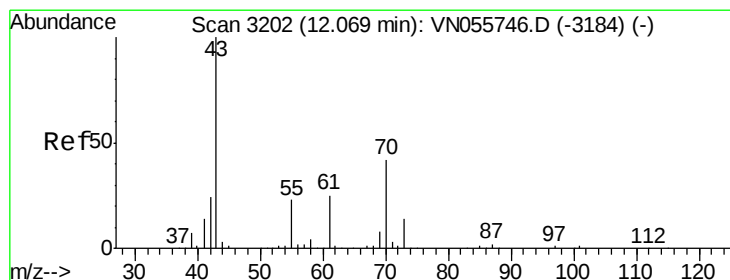
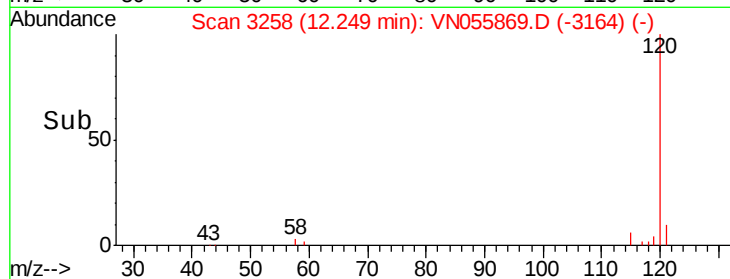
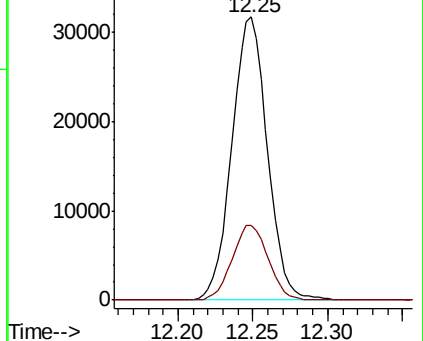
105 100

120 26.8 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.08 min Scan# 3205

Delta R.T. 0.01 min

Lab File: VN055869.D

Acq: 29 May 2019 11:38

Tgt Ion: 43 Resp: 93

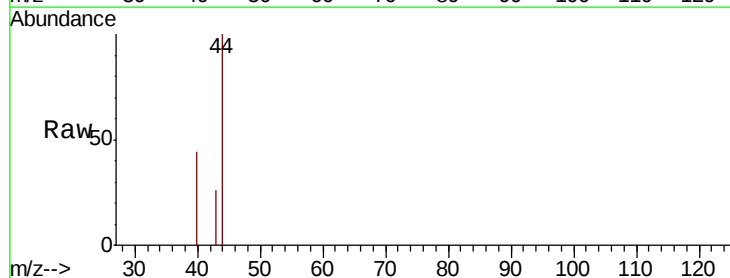
Ion Ratio Lower Upper

43 100

70 0.0 34.0 51.0#

55 65.6 18.6 28.0#

61 0.0 20.0 30.0#

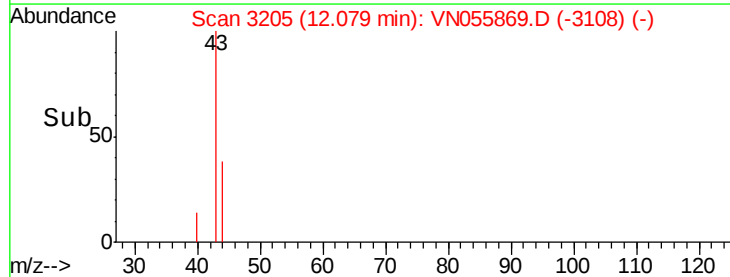
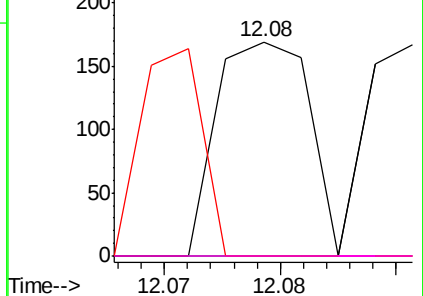


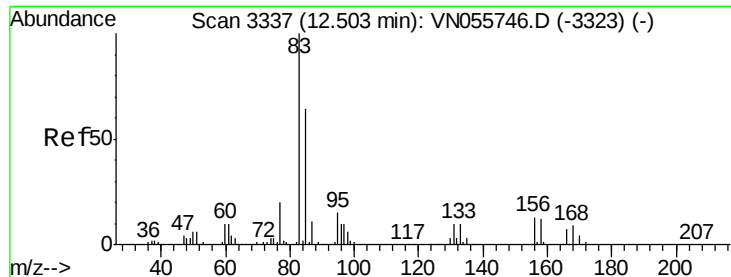
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.68 min Scan# 3393

Delta R.T. 0.18 min

Lab File: VN055869.D

Acq: 29 May 2019 11:38

Instrument :

MSVOA_N

ClientSampled :

B-14-11.5-12.0DL

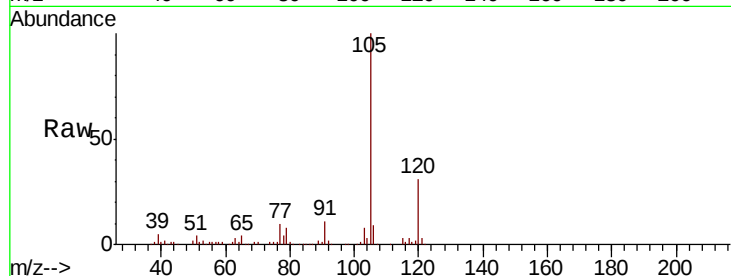
Tot Ion: 83 Resp: 447

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

85 80.5 32.4 97.0



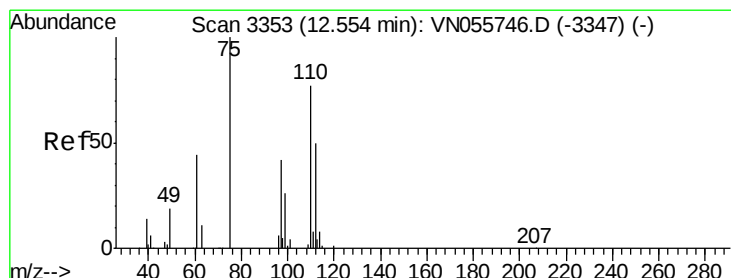
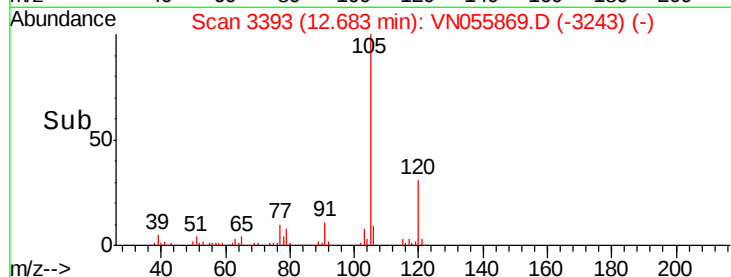
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

12.68

Time-->



#76

1,2,3-Trichloropropane

Concen: 26.911 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055869.D

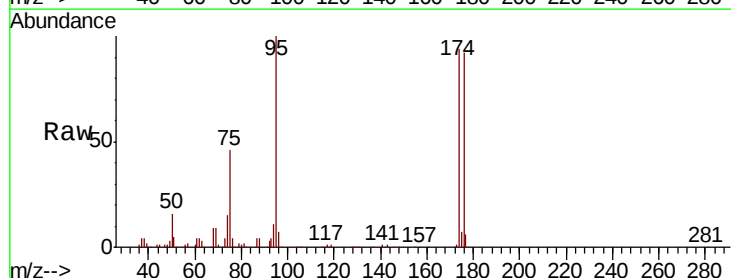
Acq: 29 May 2019 11:38

Tgt Ion: 75 Resp: 112279

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

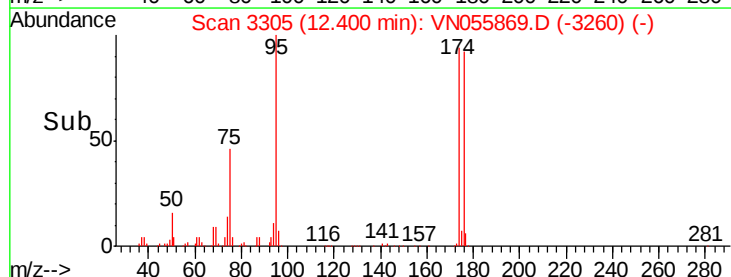


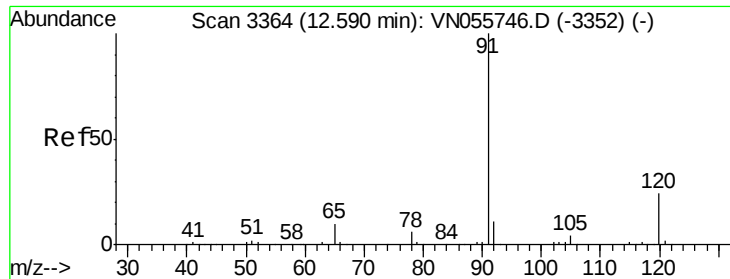
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

Time-->





#78

n-propylbenzene

Concen: 1.217 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055869.D

Acq: 29 May 2019 11:38

Instrument :

MSVOA_N

ClientSampled :

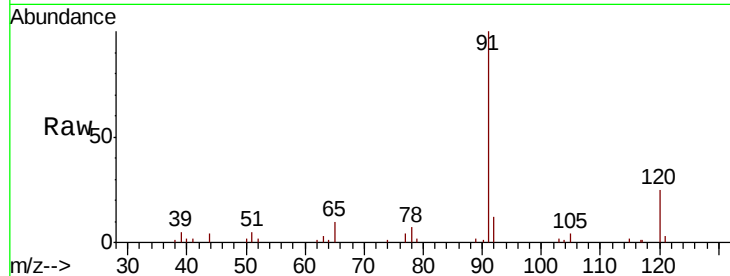
B-14-11.5-12.0DL

Tot Ion: 91 Resp: 24319

Ion Ratio Lower Upper

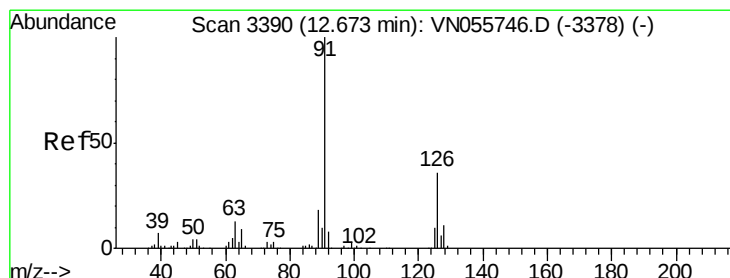
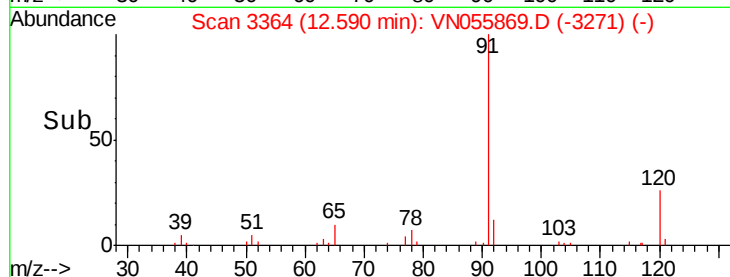
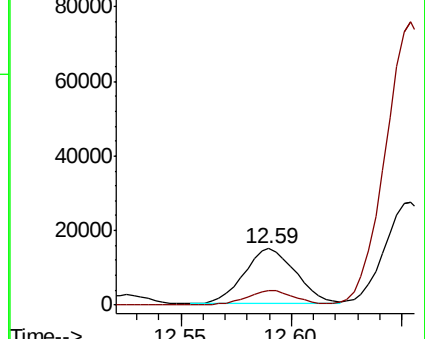
91 100

120 24.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.517 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN055869.D

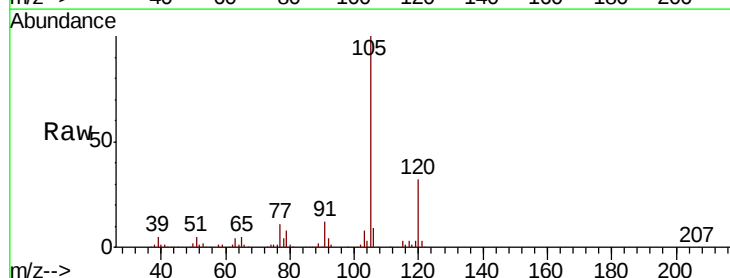
Acq: 29 May 2019 11:38

Tgt Ion: 91 Resp: 42924

Ion Ratio Lower Upper

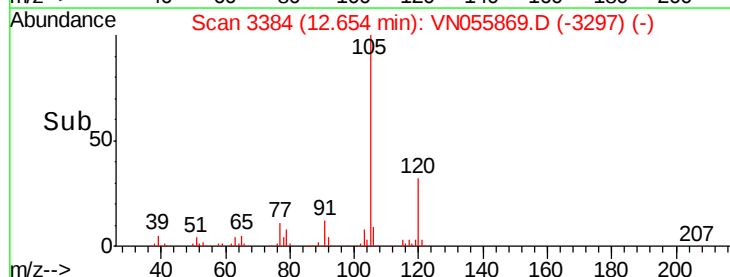
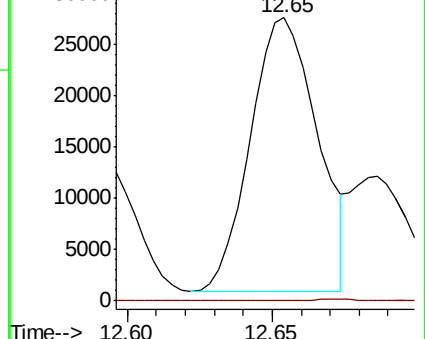
91 100

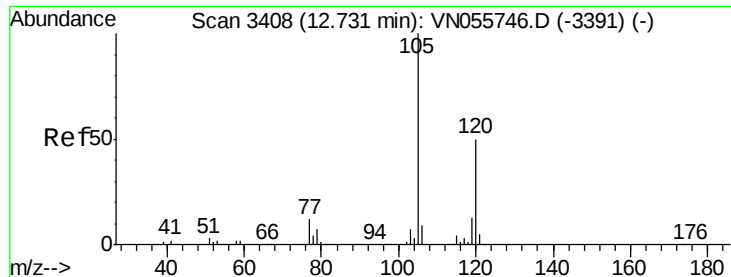
126 0.3 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 5.558 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055869.D

Acq: 29 May 2019 11:38

Instrument :

MSVOA_N

ClientSampled :

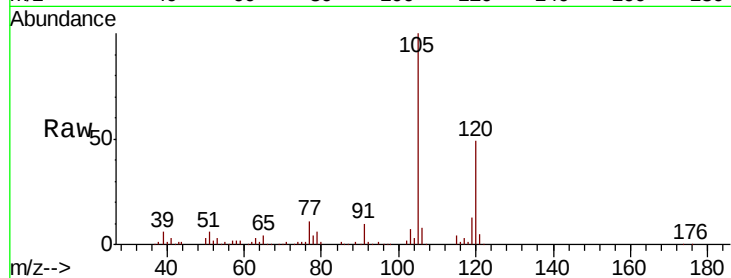
B-14-11.5-12.0DL

Tot Ion:105 Resp: 107824

Ion Ratio Lower Upper

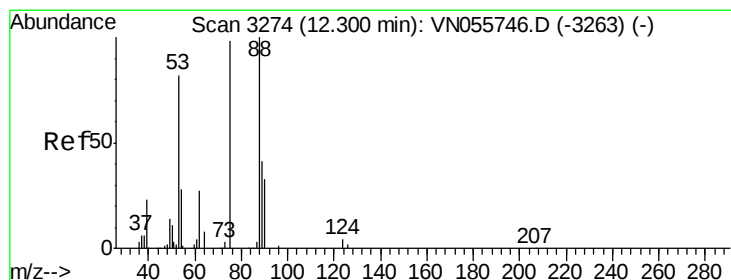
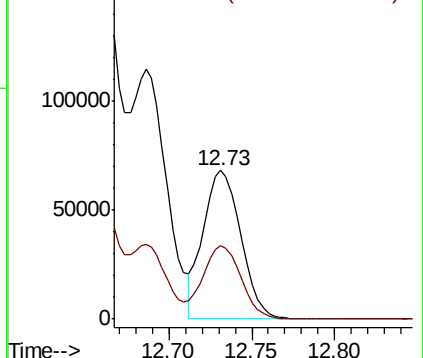
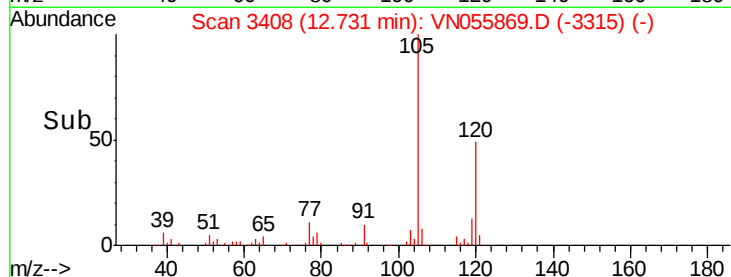
105 100

120 50.8 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 65.715 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055869.D

Acq: 29 May 2019 11:38

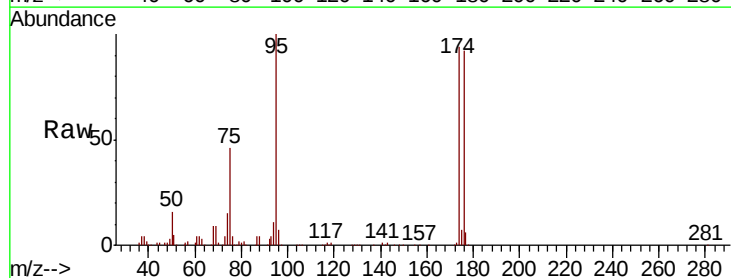
Tgt Ion: 75 Resp: 112279

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

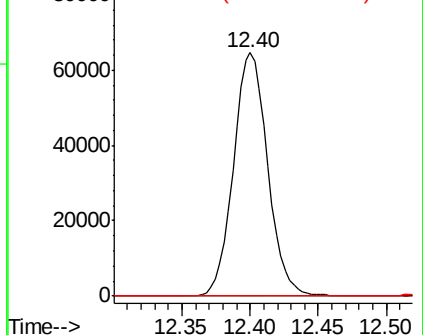
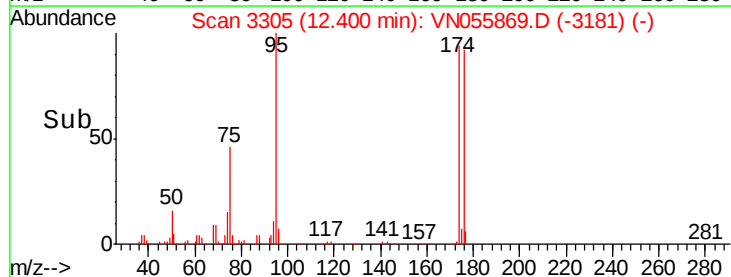
89 0.0 36.9 55.3#

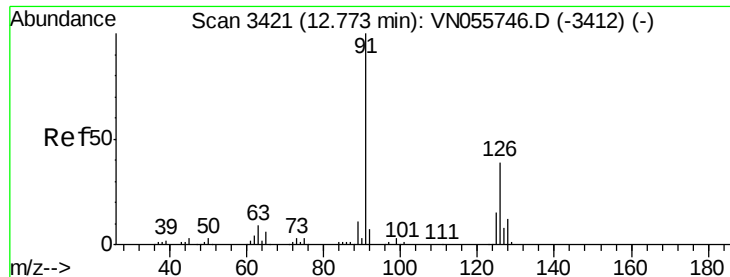


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 0.827 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN055869.D

Acq: 29 May 2019 11:38

Instrument :

MSVOA_N

ClientSampled :

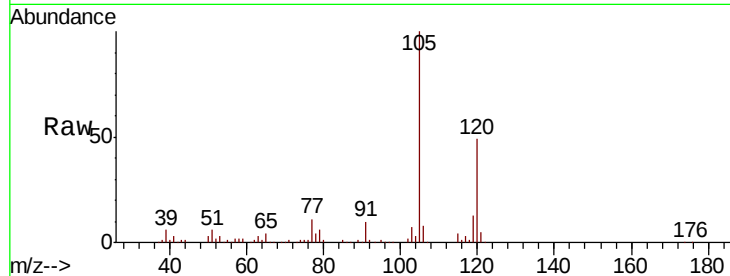
B-14-11.5-12.0DL

Tot Ion: 91 Resp: 9708

Ion Ratio Lower Upper

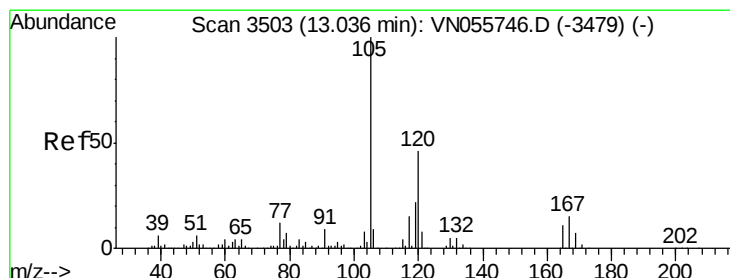
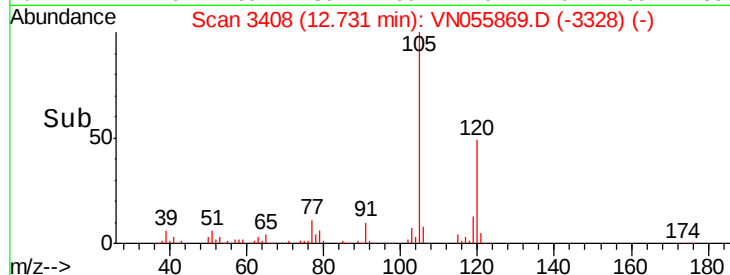
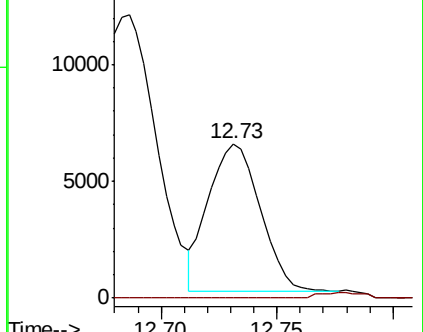
91 100

126 0.0 17.8 53.3#



Abundance Ion 91.00 (90.70 to 91.70): VN055746.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN055746.D (-3412) (-)



#84

1,2,4-Trimethylbenzene

Concen: 19.981 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN055869.D

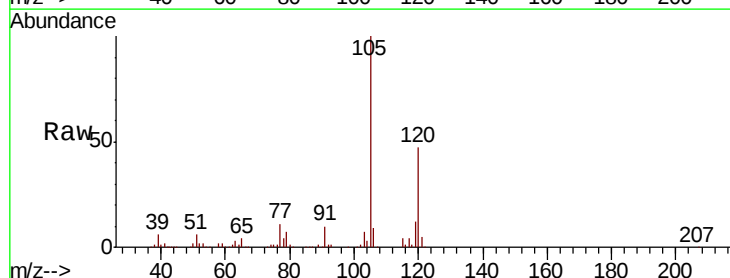
Acq: 29 May 2019 11:38

Tgt Ion: 105 Resp: 293898

Ion Ratio Lower Upper

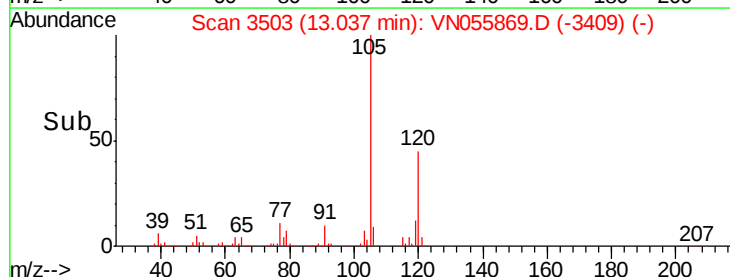
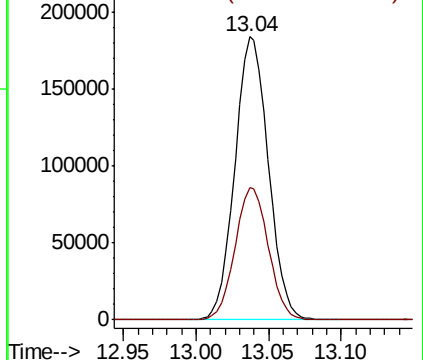
105 100

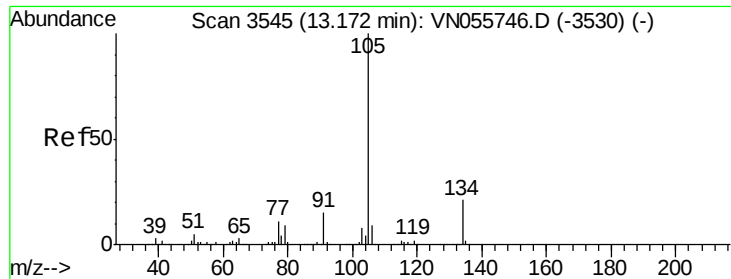
120 46.6 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): VN055746.D (-3479) (-)

Ion 120.00 (119.70 to 120.70): VN055746.D (-3479) (-)





#85

sec-Butylbenzene

Concen: 17.454 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.13 min

Lab File: VN055869.D

Acq: 29 May 2019 11:38

Instrument :

MSVOA_N

ClientSampleId :

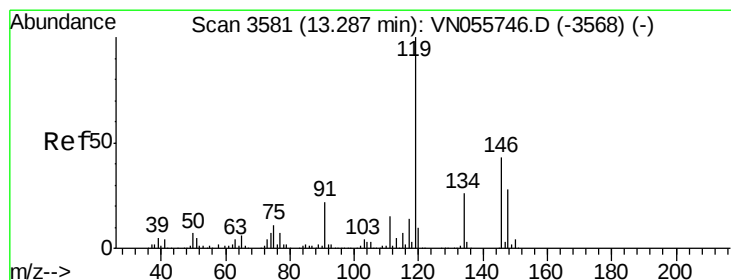
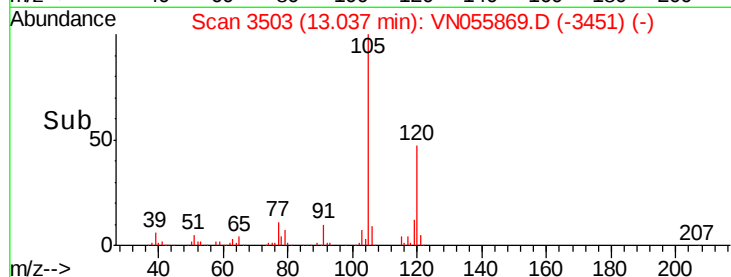
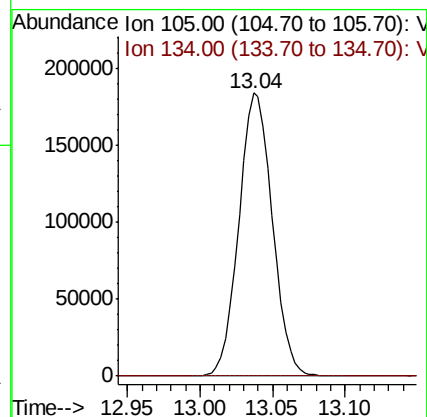
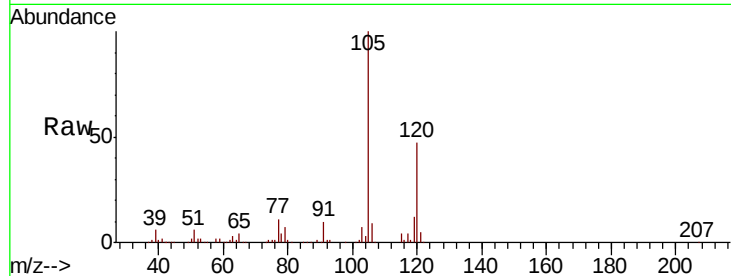
B-14-11.5-12.0DL

Tot Ion:105 Resp: 293898

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.2#



#86

p-Isopropyltoluene

Concen: 0.710 ug/l

RT: 13.23 min Scan# 3564

Delta R.T. -0.05 min

Lab File: VN055869.D

Acq: 29 May 2019 11:38

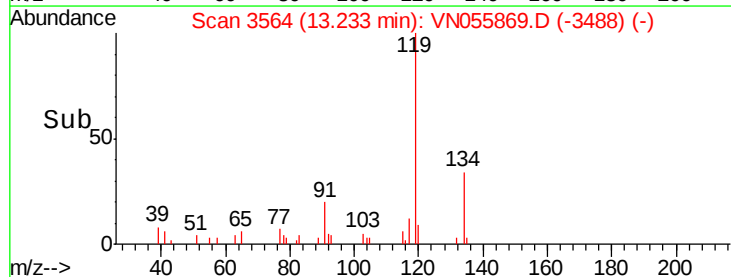
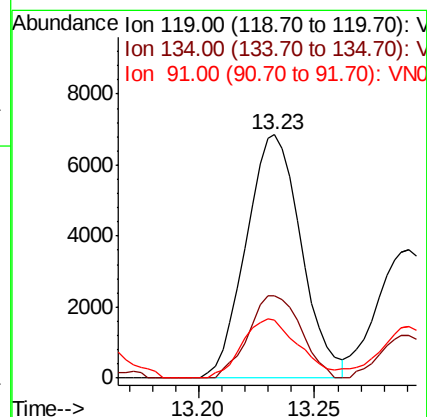
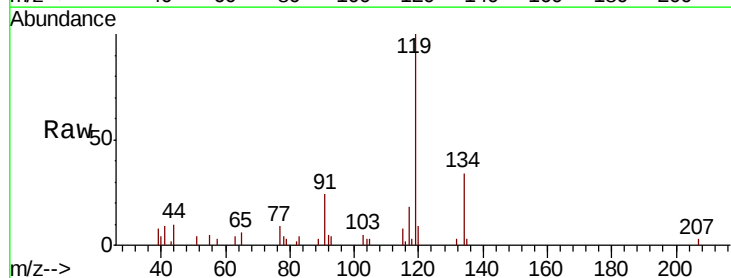
Tgt Ion:119 Resp: 11342

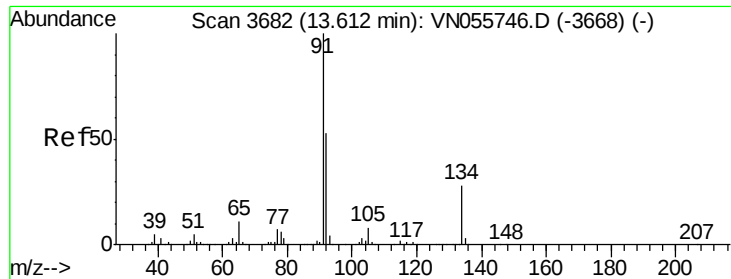
Ion Ratio Lower Upper

119 100

134 32.1 13.4 40.1

91 25.0 10.9 32.9

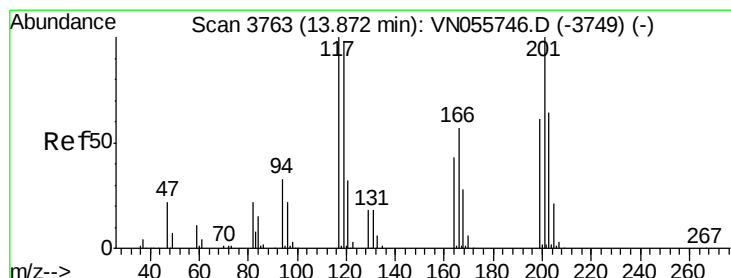
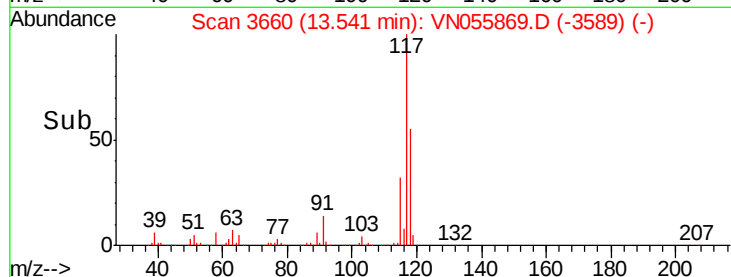
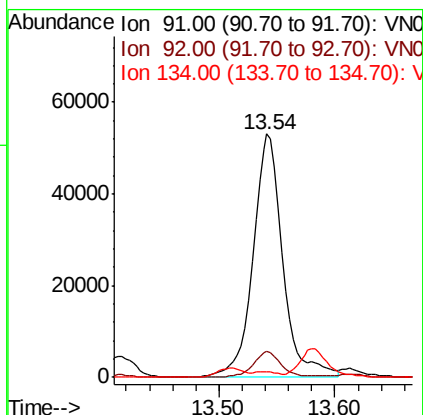
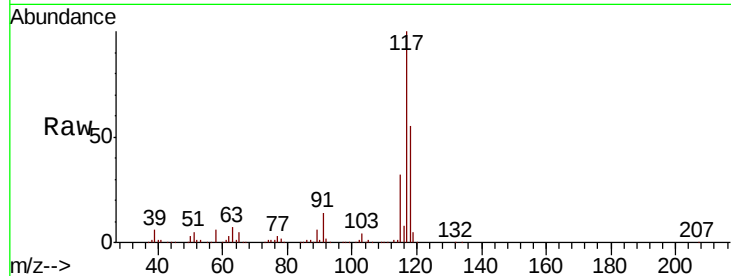




#89
n-Butylbenzene
Concen: 7.791 ug/l
RT: 13.54 min Scan# 3660
Delta R.T. -0.07 min
Lab File: VN055869.D
Acq: 29 May 2019 11:38

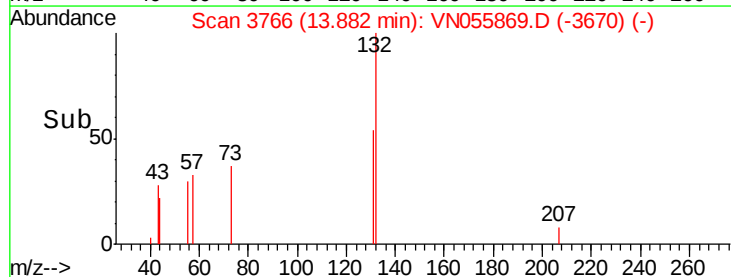
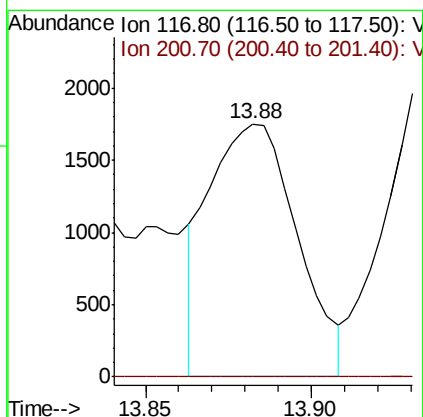
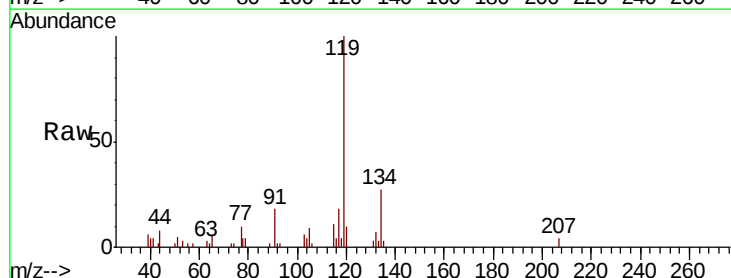
Instrument :
MSVOA_N
ClientSampleId :
B-14-11.5-12.0DL

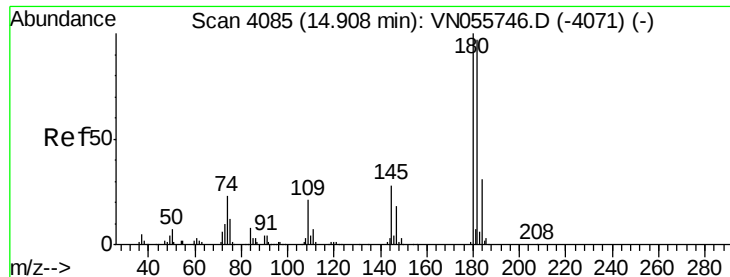
Tot Ion: 91 Resp: 95300
Ion Ratio Lower Upper
91 100
92 10.3 26.4 79.0#
134 1.8 13.9 41.7#



#90
Hexachloroethane
Concen: 1.066 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. 0.01 min
Lab File: VN055869.D
Acq: 29 May 2019 11:38

Tgt Ion: 117 Resp: 3239
Ion Ratio Lower Upper
117 100
201 0.0 50.0 150.0#

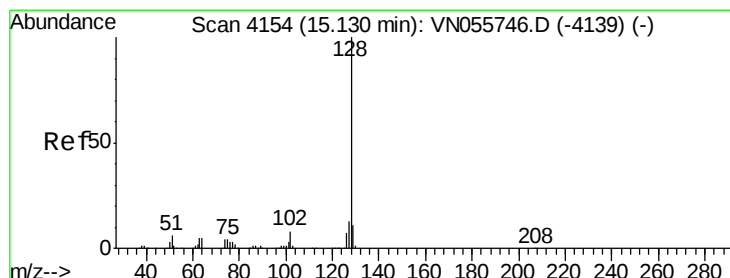
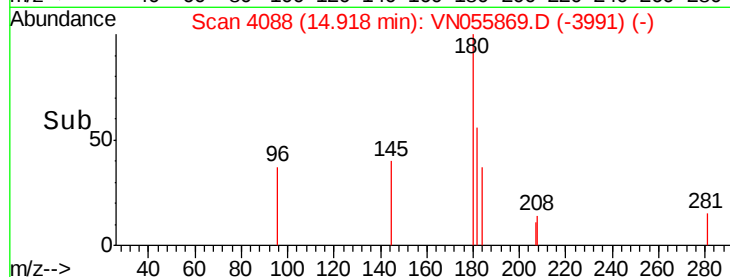
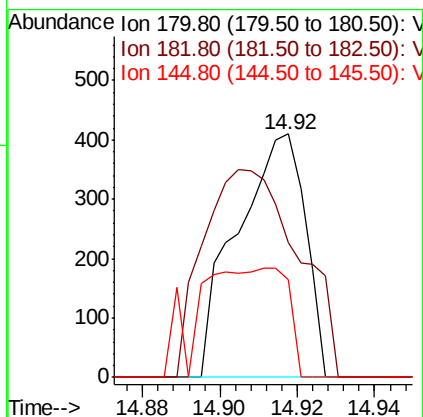
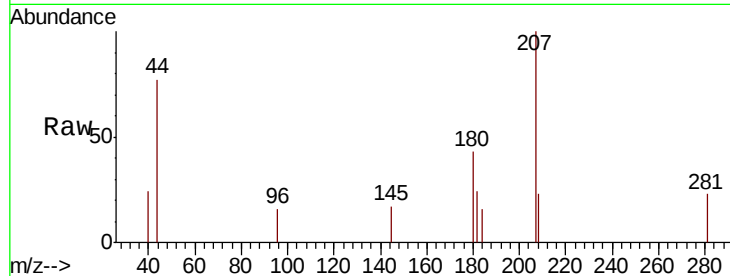




#93
 1,2,4-Trichlorobenzene
 Concen: 3.741 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.01 min
 Lab File: VN055869.D
 Acq: 29 May 2019 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 B-14-11.5-12.0DL

Tot Ion:180 Resp: 502
 Ion Ratio Lower Upper
 180 100
 182 118.7 48.3 144.9
 145 59.4 14.0 41.9#



#95
 Naphthalene
 Concen: 37.244 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN055869.D
 Acq: 29 May 2019 11:38

Tgt Ion:128 Resp: 396064
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.3 15.5
 129 10.9 8.7 13.1

