

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
 Data File : VN055709.D
 Acq On : 21 May 2019 15:06
 Operator : JC/SP
 Sample : K2959-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 22 05:12:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	396651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	567508	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	489406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	181695	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	182699	42.02	ug/l	0.00
Spiked Amount			Recovery	=	84.04%	
35) Dibromofluoromethane	7.59	113	173243	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	
50) Toluene-d8	10.09	98	653347	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	
62) 4-Bromofluorobenzene	12.40	95	206812	43.94	ug/l	0.00
Spiked Amount			Recovery	=	87.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	1936	2.388	ug/l #	74
16) Acetone	3.82	43	8324	4.691	ug/l	96
18) Methyl Acetate	4.34	43	2865	0.753	ug/l #	80
20) Methylene Chloride	4.55	84	4378	1.081	ug/l	95
25) 2-Butanone	6.84	43	8063	3.250	ug/l	99
29) Tetrahydrofuran	7.21	42	550	0.335	ug/l #	65
31) Cyclohexane	7.66	56	5939	0.921	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	22253	4.398	ug/l #	48
37) Ethyl Acetate	6.84	43	8063	1.766	ug/l #	67
38) Carbon Tetrachloride	7.66	117	32442	6.000	ug/l #	16
40) Benzene	8.04	78	4384	0.295	ug/l	95
41) Methacrylonitrile	7.21	41	771	0.395	ug/l #	100
43) Isopropyl Acetate	8.17	43	16643	2.096	ug/l #	84
45) 1,2-Dichloropropane	9.27	63	1403	0.358	ug/l #	43
48) Methyl methacrylate	9.18	41	7993	2.252	ug/l #	23
51) 4-Methyl-2-Pentanone	9.99	43	3560	0.764	ug/l	90
52) Toluene	10.16	92	4028	0.432	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	54456	8.588	ug/l #	56
57) 1,3-Dichloropropane	10.76	76	10183	1.673	ug/l #	42
59) 2-Hexanone	10.76	43	129658	39.530	ug/l #	52
68) m/p-Xylenes	11.61	106	2019	0.303	ug/l	96
71) Bromoform	12.40	173	1489	0.441	ug/l #	1
73) Isopropylbenzene	12.24	105	175	Below Cal	#	48
74) N-amyl acetate	12.03	43	1581	0.310	ug/l #	42
76) 1,2,3-Trichloropropane	12.40	75	94763	25.560	ug/l #	100
79) 2-Chlorotoluene	12.68	91	107	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	959	Below Cal		87
81) trans-1,4-Dichloro-2-buten	12.40	75	94763	65.703	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.04	105	1167	Below Cal		98
85) sec-Butylbenzene	13.17	105	342	Below Cal	#	56
86) p-Isopropyltoluene	13.29	119	404	Below Cal	#	65
95) Naphthalene	15.13	128	947	1.861	ug/l #	69

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QLast Update : Fri May 17 23:54:12 2019
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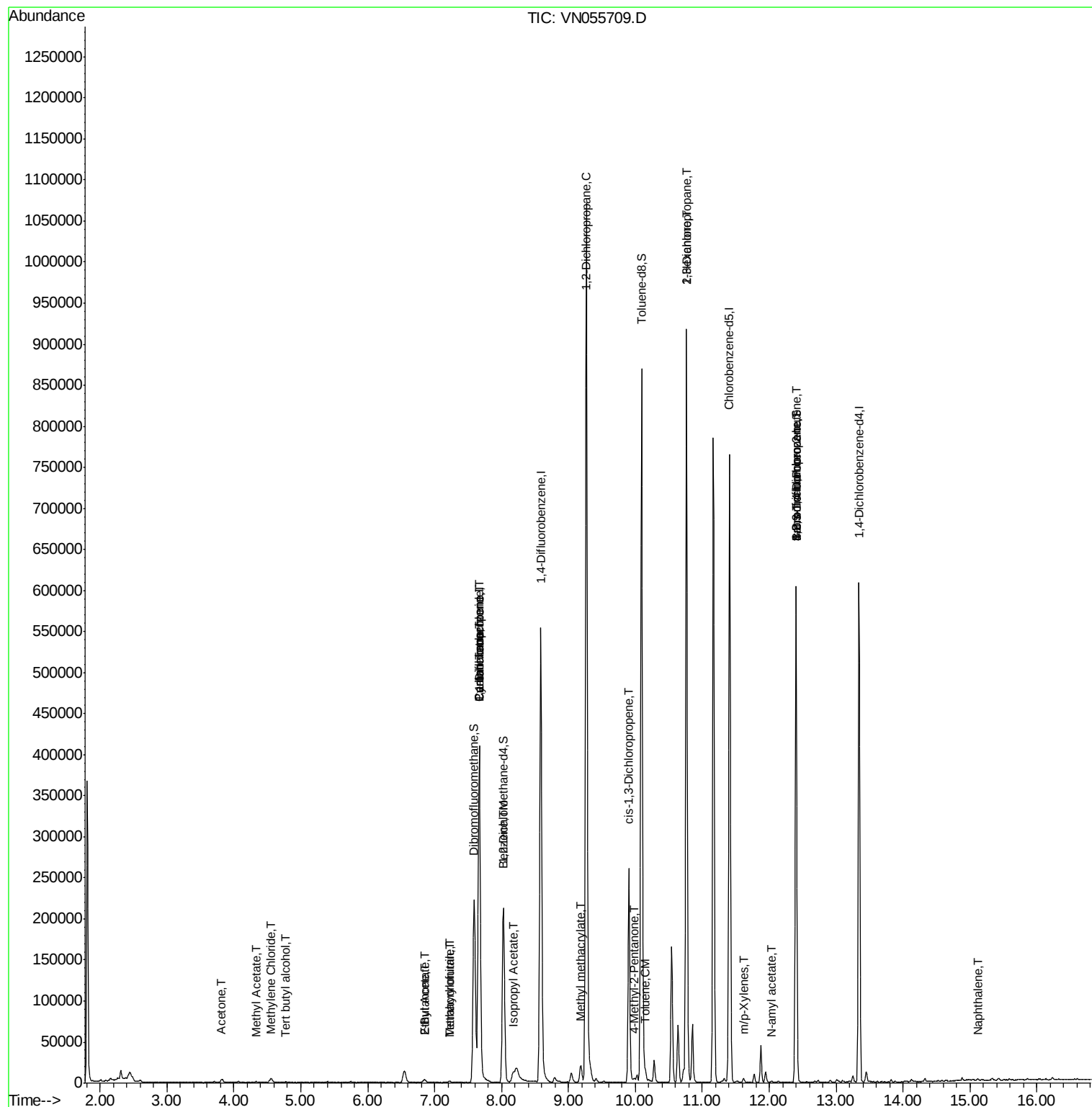
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

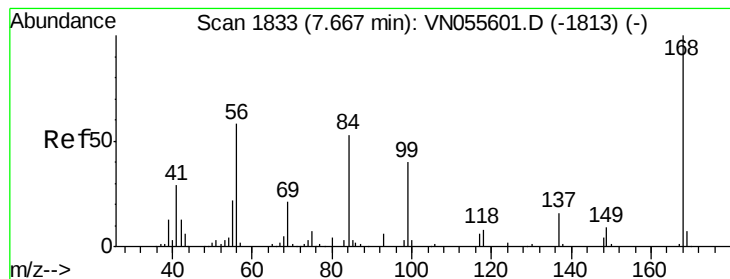
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055709.D

Acq: 21 May 2019 15:06

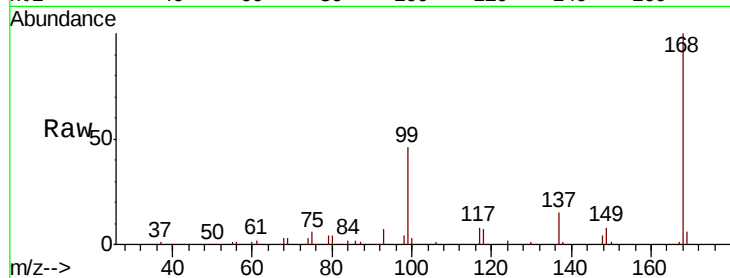
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 396651

Ion Ratio Lower Upper

168 100

99 46.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

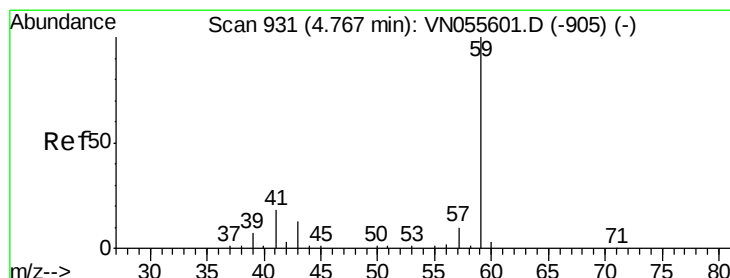
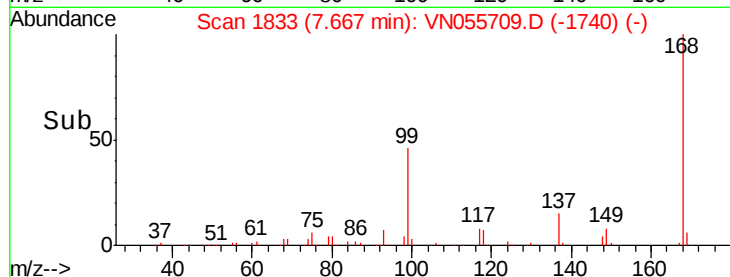
100000

50000

0

Time-->

7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 2.388 ug/l

RT: 4.78 min Scan# 934

Delta R.T. 0.01 min

Lab File: VN055709.D

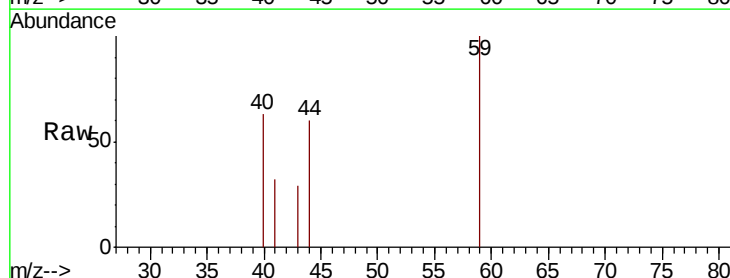
Acq: 21 May 2019 15:06

Tgt Ion: 59 Resp: 1936

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

4.78

800

600

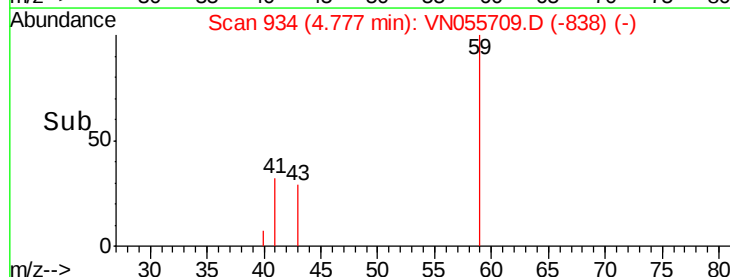
400

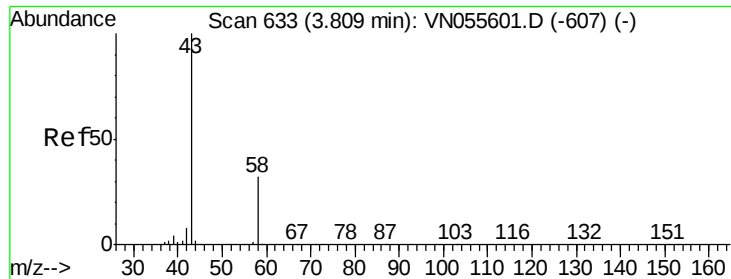
200

0

Time-->

4.70 4.75 4.80 4.85





#16

Acetone

Concen: 4.691 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN055709.D

Acq: 21 May 2019 15:06

Instrument :

MSVOA_N

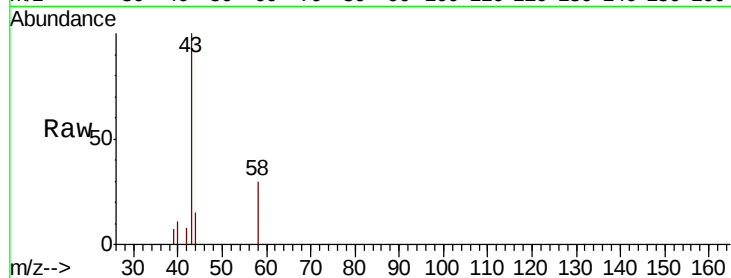
ClientSampleId :

Tot Ion: 43 Resp: 8324

Ion Ratio Lower Upper

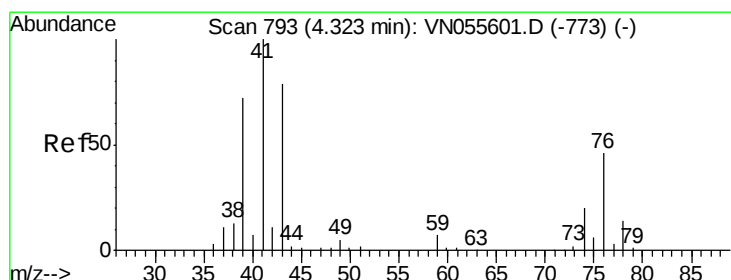
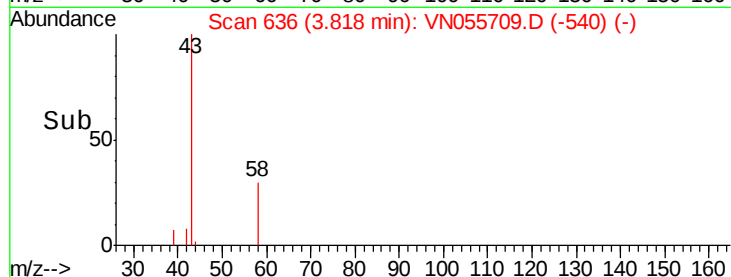
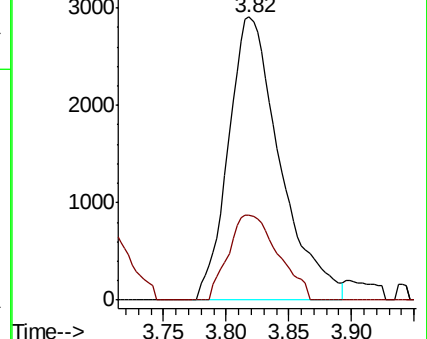
43 100

58 30.1 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.753 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN055709.D

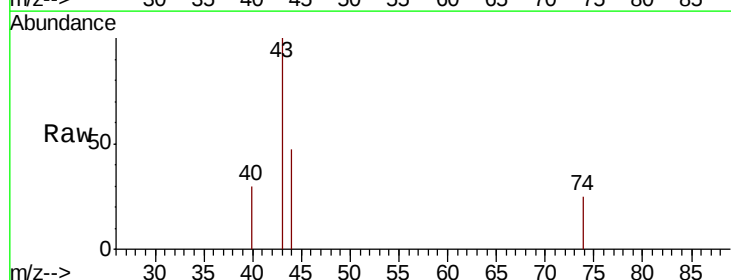
Acq: 21 May 2019 15:06

Tgt Ion: 43 Resp: 2865

Ion Ratio Lower Upper

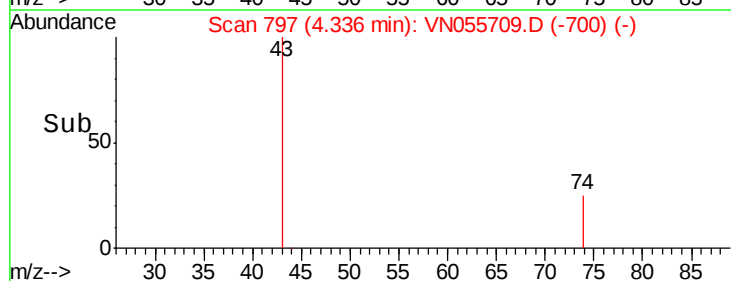
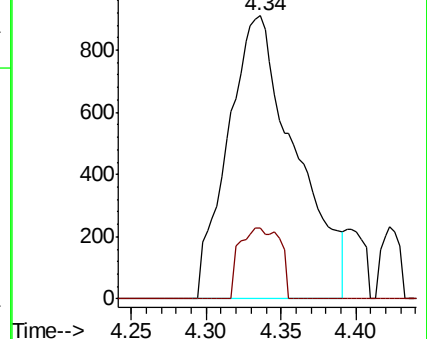
43 100

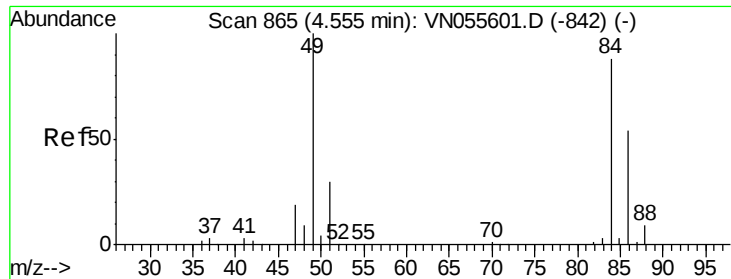
74 14.8 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methvlene Chloride

Concen: 1.081 ug/l

RT: 4.55 min Scan# 863

Delta R.T. -0.01 min

Lab File: VN055709.D

Acq: 21 May 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 84 Resp: 4378

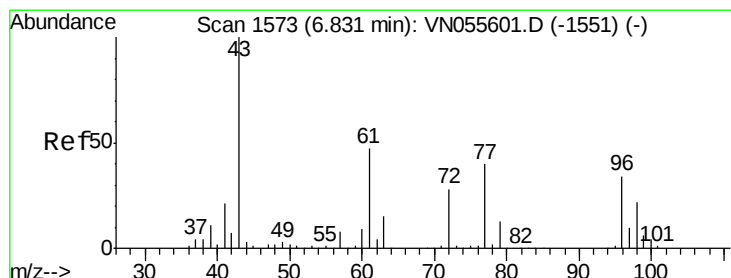
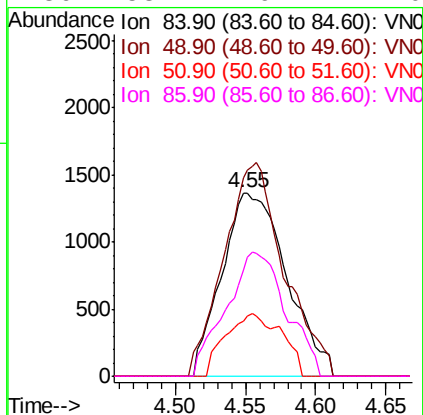
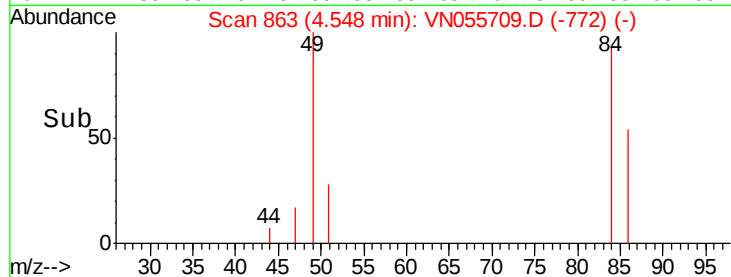
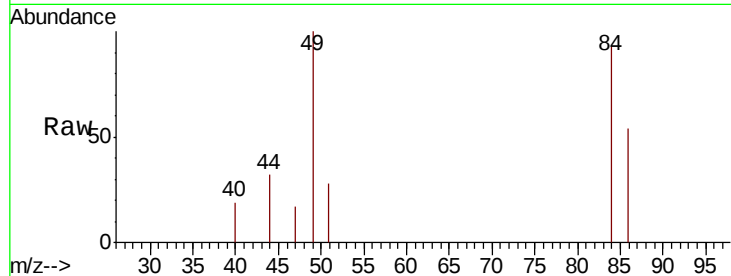
Ion Ratio Lower Upper

84 100

49 107.9 91.0 136.4

51 30.1 27.5 41.3

86 58.2 49.4 74.0



#25

2-Butanone

Concen: 3.250 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.01 min

Lab File: VN055709.D

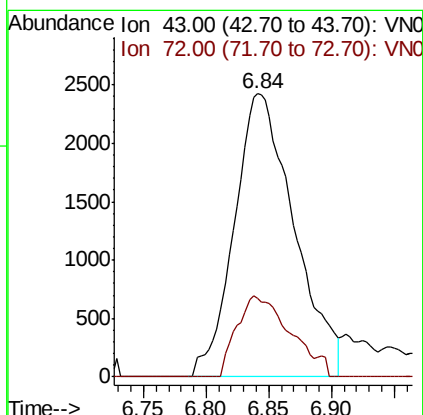
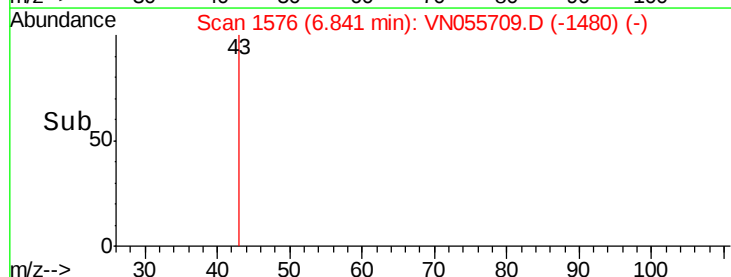
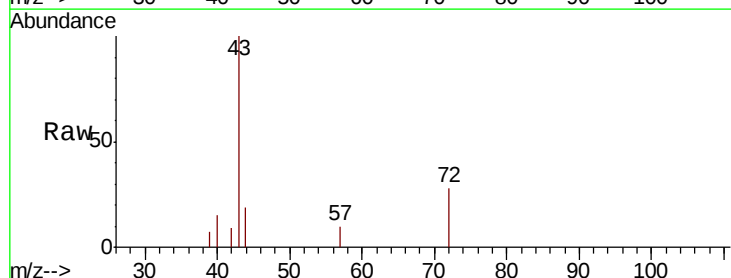
Acq: 21 May 2019 15:06

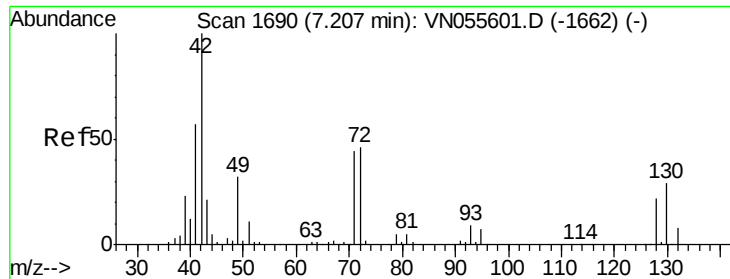
Tgt Ion: 43 Resp: 8063

Ion Ratio Lower Upper

43 100

72 27.6 22.3 33.5

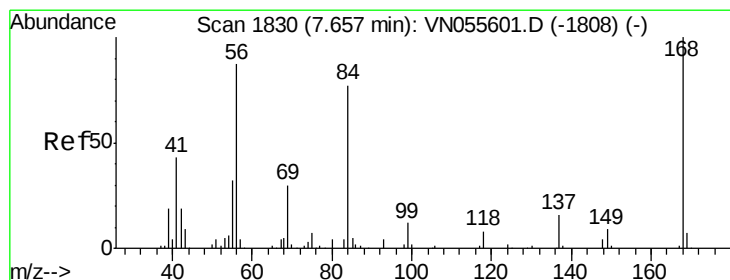
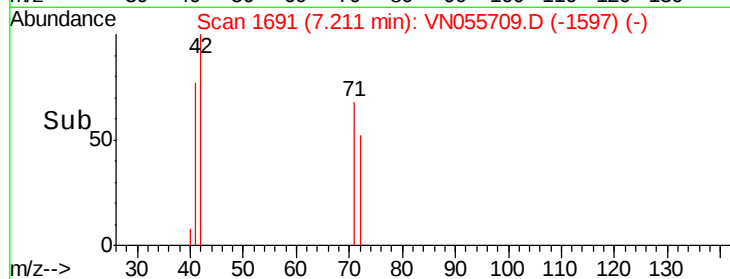
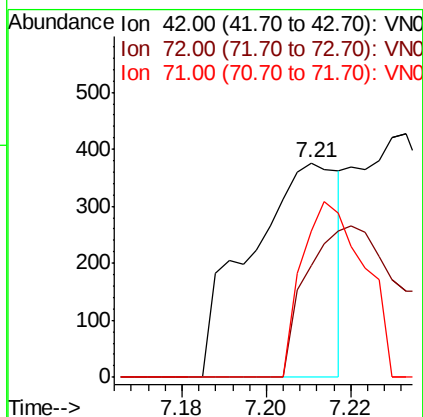
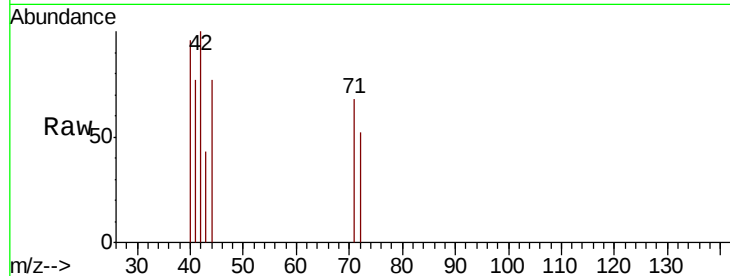




#29
Tetrahydrofuran
Concen: 0.335 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN055709.D
Acq: 21 May 2019 15:06

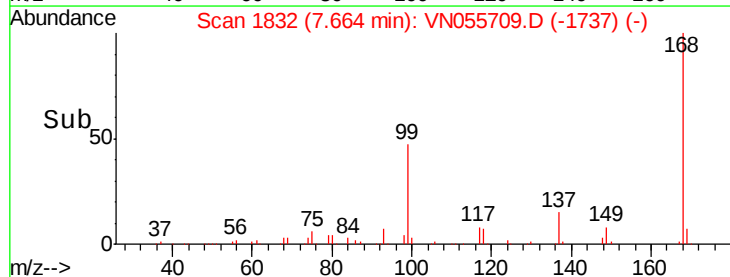
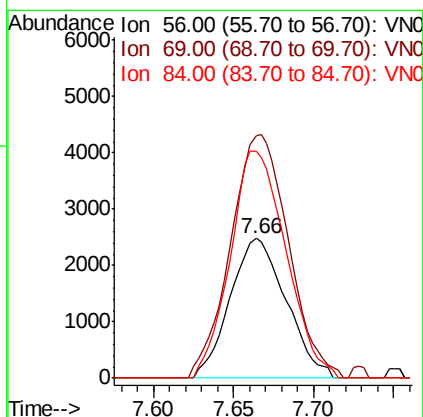
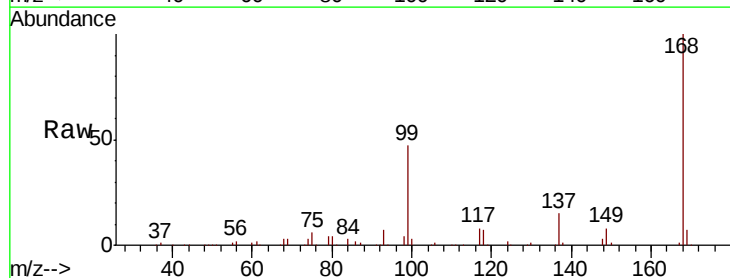
Instrument :
MSVOA_N
ClientSampled :

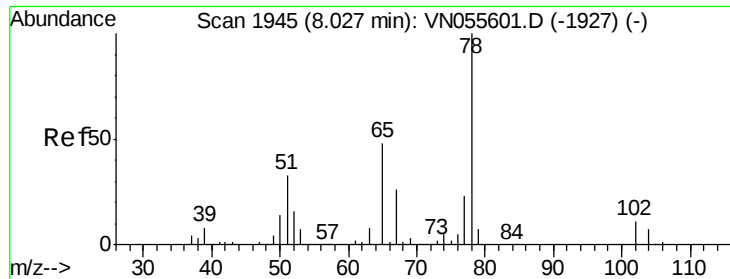
Tot Ion: 42 Resp: 550
Ion Ratio Lower Upper
42 100
72 77.3 36.5 54.7#
71 57.1 34.9 52.3#



#31
Cyclohexane
Concen: 0.921 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN055709.D
Acq: 21 May 2019 15:06

Tgt Ion: 56 Resp: 5939
Ion Ratio Lower Upper
56 100
69 173.8 27.2 40.8#
84 162.4 71.3 106.9#

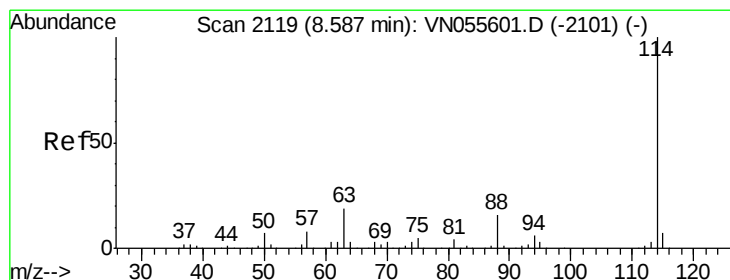
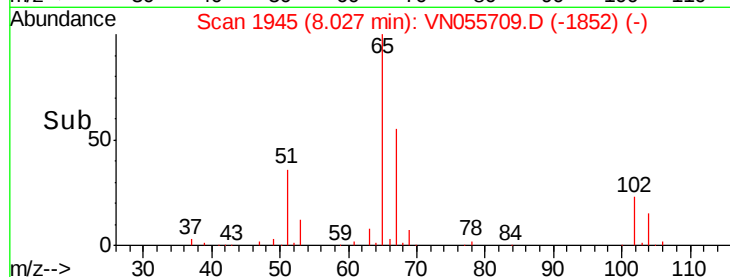
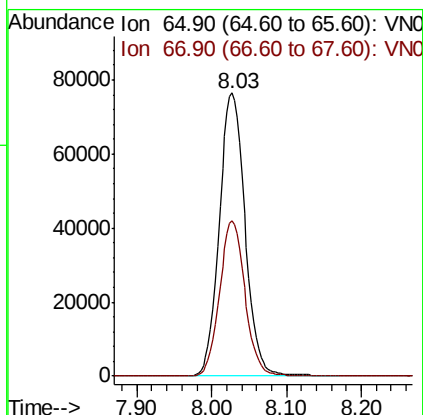
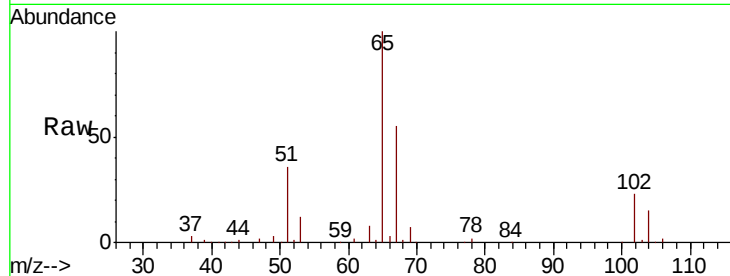




#33
 1,2-Dichloroethane-d4
 Concen: 42.018 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055709.D
 Acq: 21 May 2019 15:06

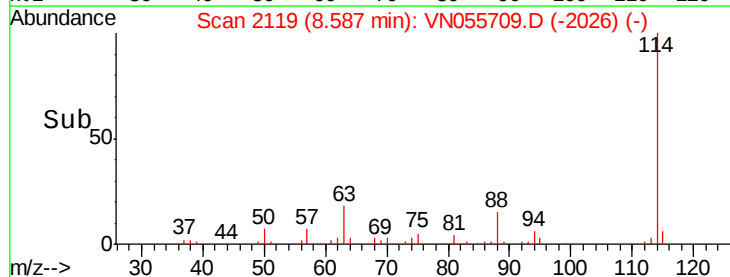
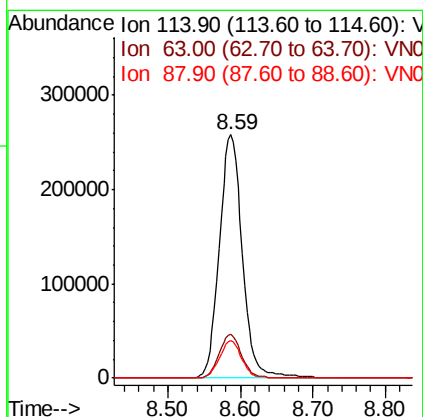
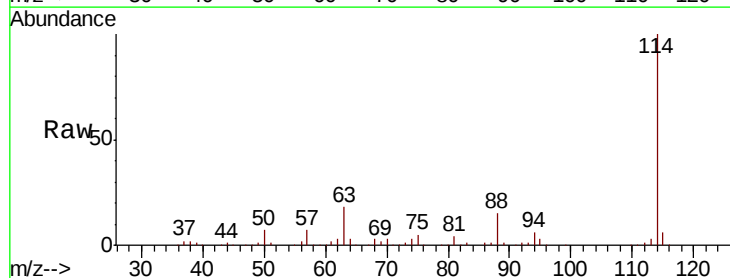
Instrument :
 MSVOA_N
 ClientSampled :

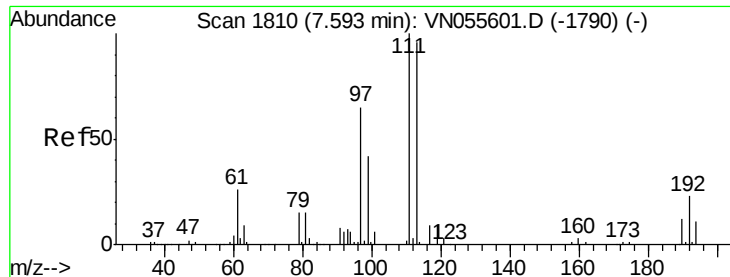
Tot Ion: 65 Resp: 182699
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055709.D
 Acq: 21 May 2019 15:06

Tgt Ion: 114 Resp: 567508
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 38.2
 88 15.3 0.0 31.0

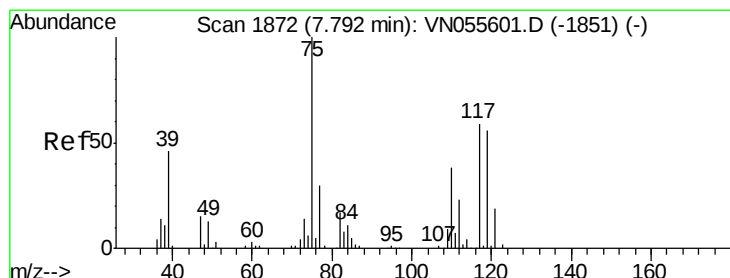
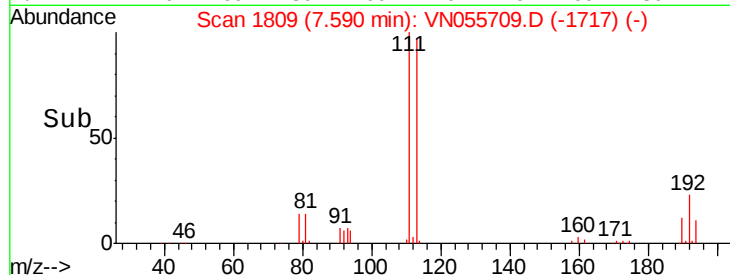
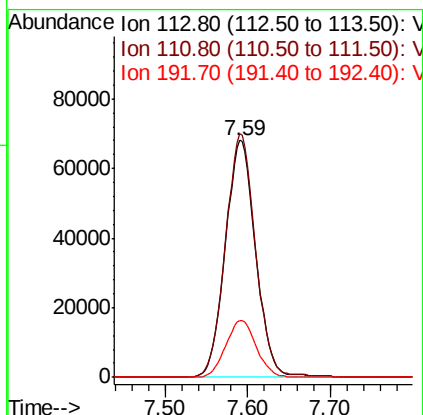
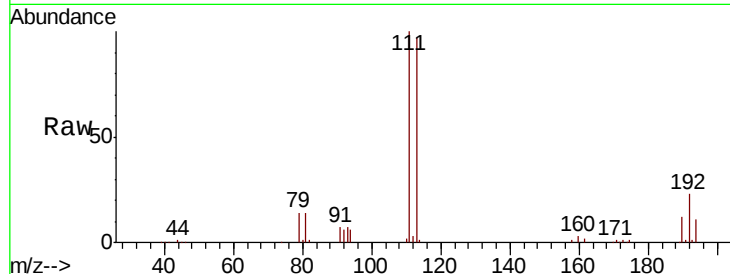




#35
 Dibromofluoromethane
 Concen: 48.055 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055709.D
 Acq: 21 May 2019 15:06

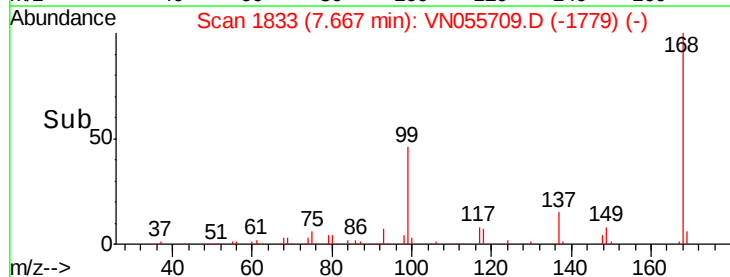
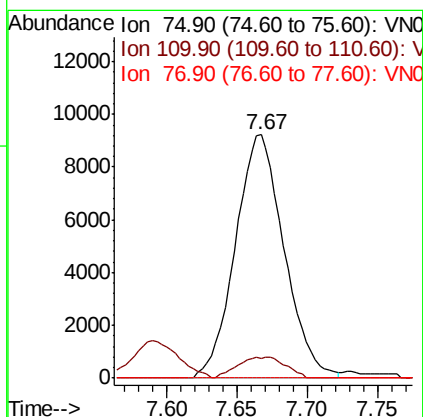
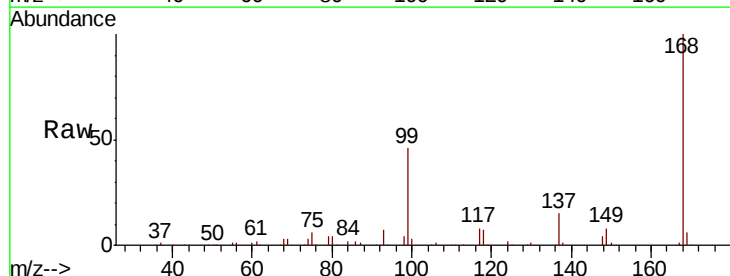
Instrument :
 MSVOA_N
 ClientSampled :

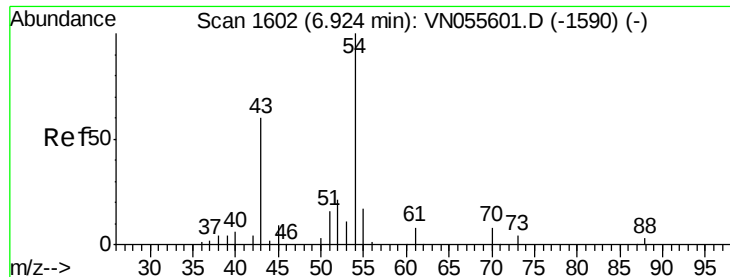
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.5	123.7
192	24.2	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 4.398 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055709.D
 Acq: 21 May 2019 15:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.6	55.6#
77	0.0	24.9	37.3#

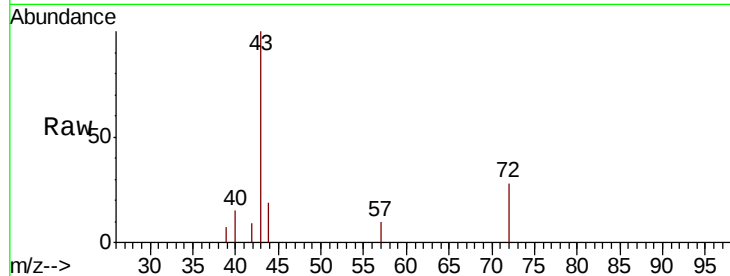




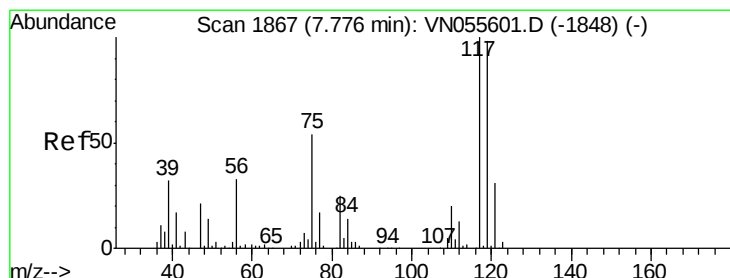
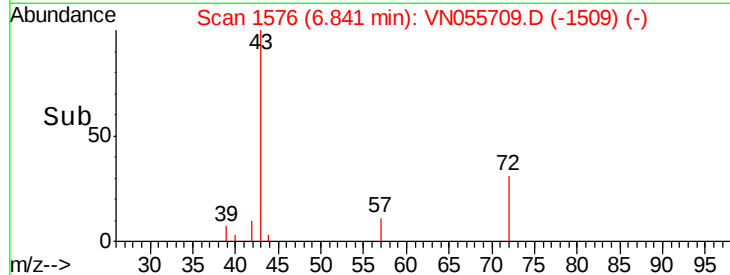
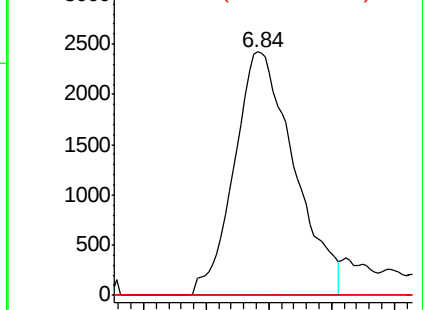
#37
Ethyl Acetate
Concen: 1.766 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. -0.08 min
Lab File: VN055709.D
Acq: 21 May 2019 15:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 8063
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.0#
70 0.0 9.2 13.8#

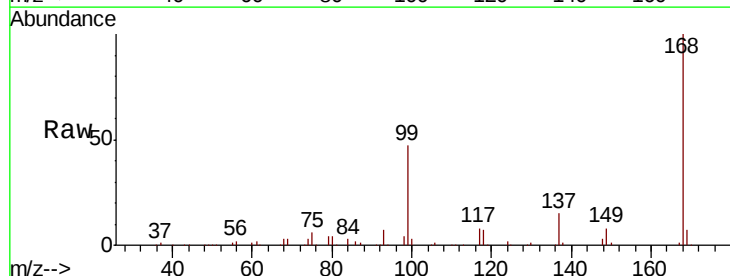


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

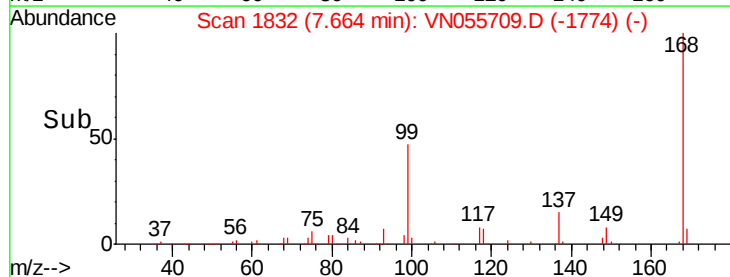
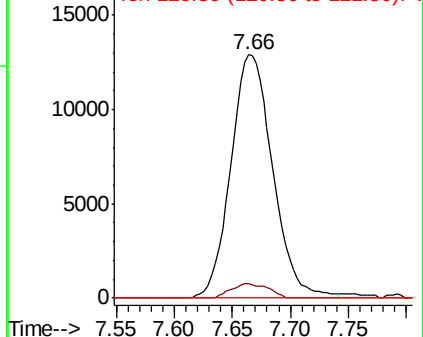


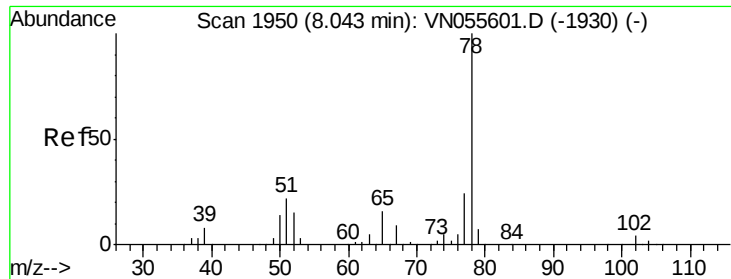
#38
Carbon Tetrachloride
Concen: 6.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055709.D
Acq: 21 May 2019 15:06

Tgt Ion: 117 Resp: 32442
Ion Ratio Lower Upper
117 100
119 5.7 77.8 116.8#
121 0.0 24.6 37.0#



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: 0.295 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN055709.D

Acq: 21 May 2019 15:06

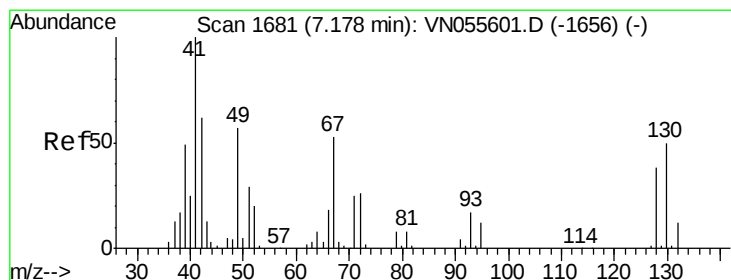
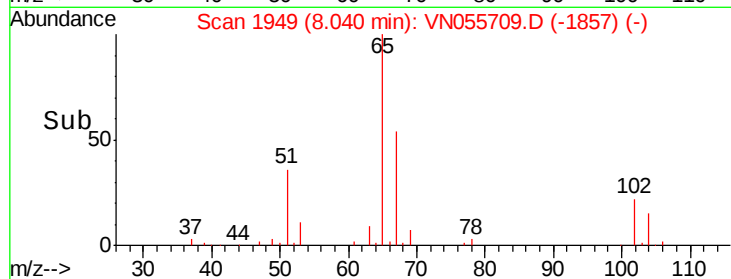
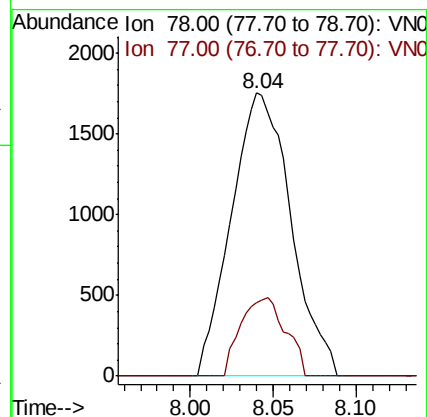
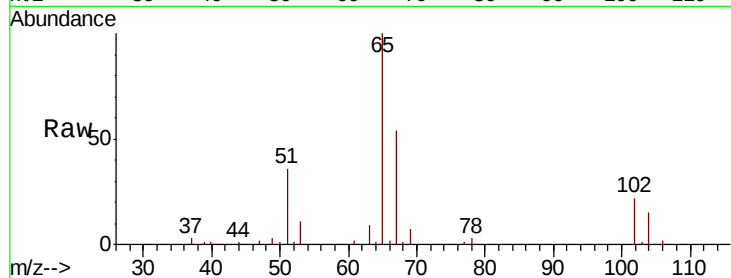
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 78 Resp: 4384

Ion Ratio Lower Upper

78 100

77 25.9 18.9 28.3



#41

Methacrylonitrile

Concen: 0.395 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.04 min

Lab File: VN055709.D

Acq: 21 May 2019 15:06

Tgt Ion: 41 Resp: 771

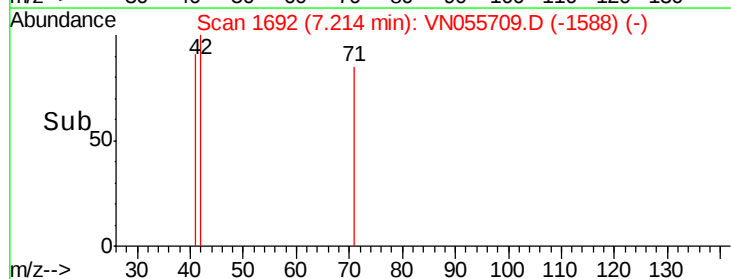
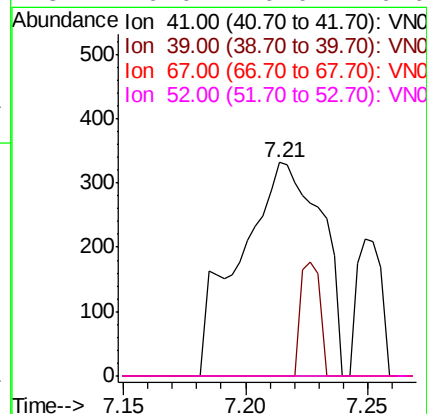
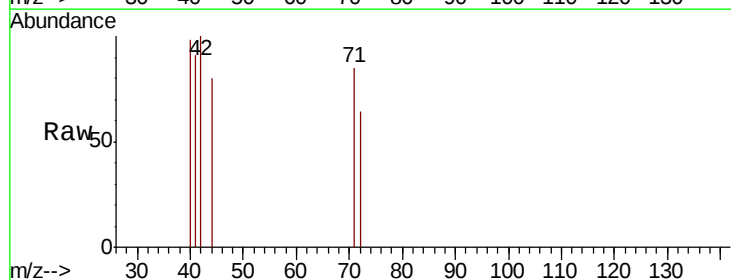
Ion Ratio Lower Upper

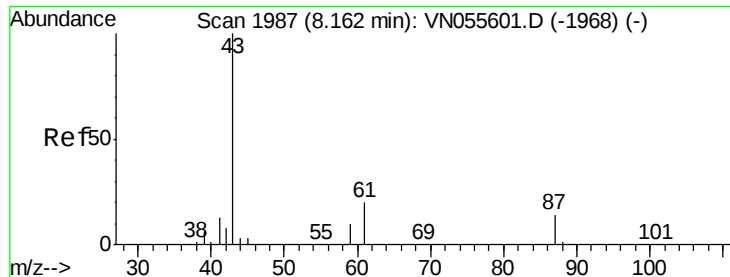
41 100

39 12.6 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0





#43

Isopropyl Acetate

Concen: 2.096 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN055709.D

Acq: 21 May 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

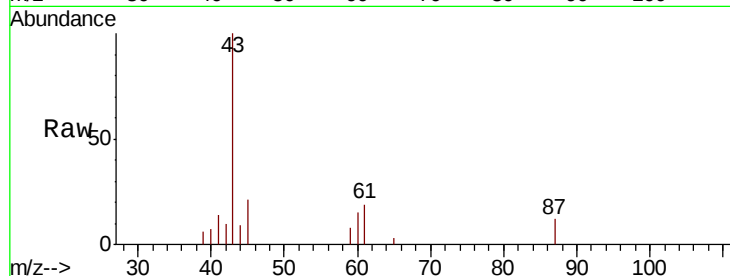
Tot Ion: 43 Resp: 16643

Ion Ratio Lower Upper

43 100

61 17.4 22.1 33.1#

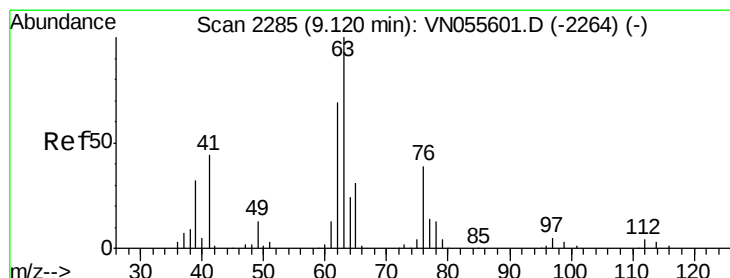
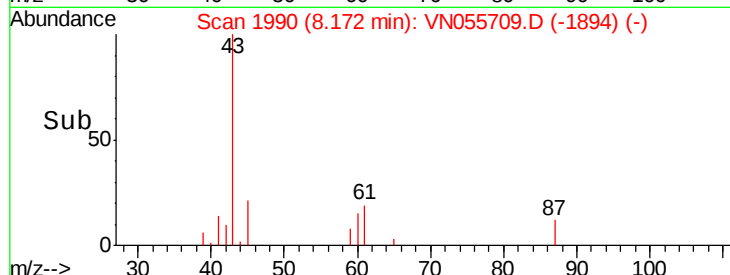
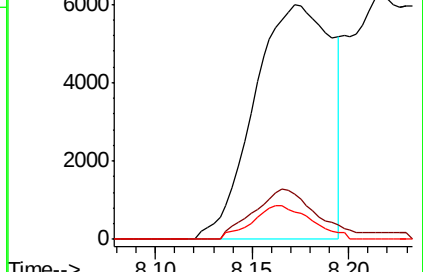
87 11.0 11.8 17.6#



Abundance Ion 43.00 (42.70 to 43.70): VN055709.D (-1990) (-)

Ion 61.00 (60.70 to 61.70): VN055709.D (-1990) (-)

Ion 87.00 (86.70 to 87.70): VN055709.D (-1990) (-)



#45

1,2-Dichloropropane

Concen: 0.358 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN055709.D

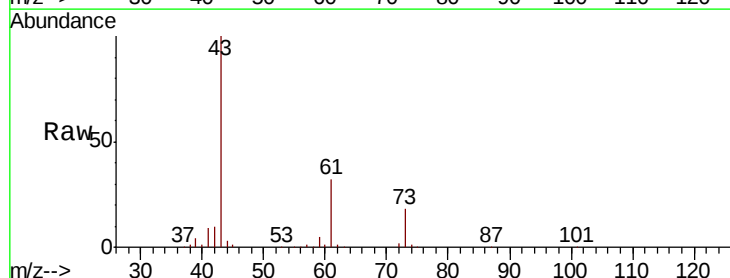
Acq: 21 May 2019 15:06

Tgt Ion: 63 Resp: 1403

Ion Ratio Lower Upper

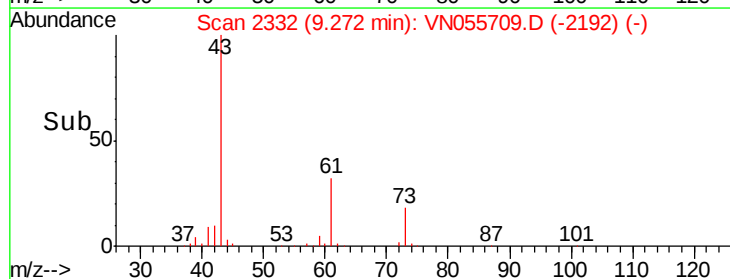
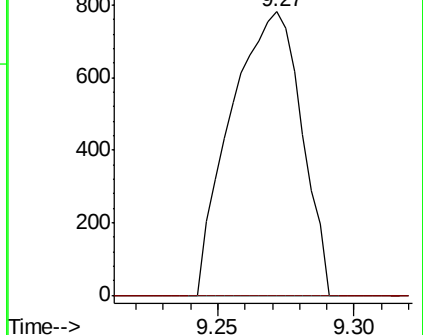
63 100

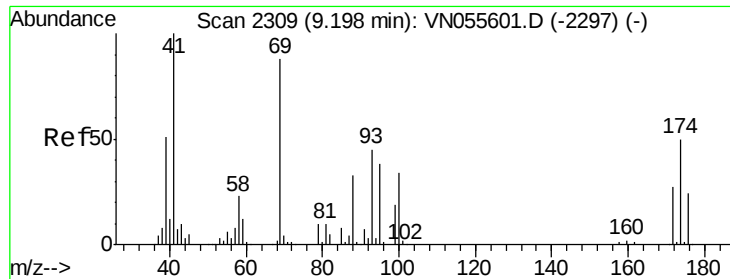
65 0.0 25.2 37.8#



Abundance Ion 62.90 (62.60 to 63.60): VN055709.D (-2332) (-)

Ion 64.90 (64.60 to 65.60): VN055709.D (-2332) (-)

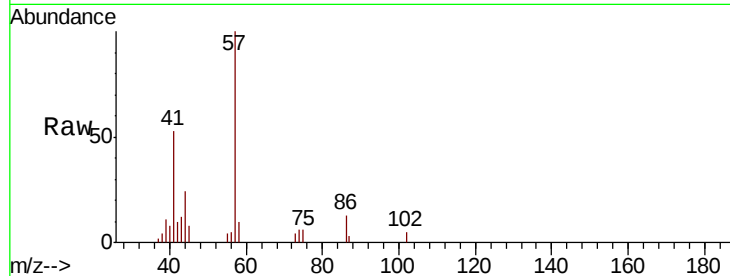




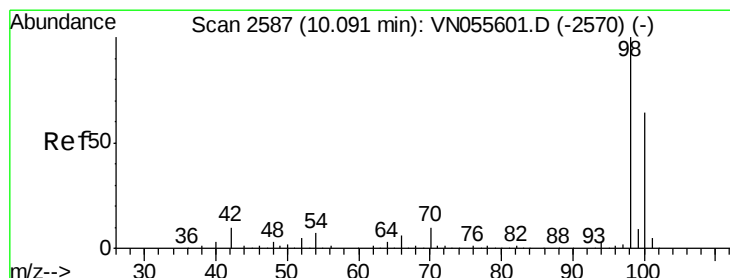
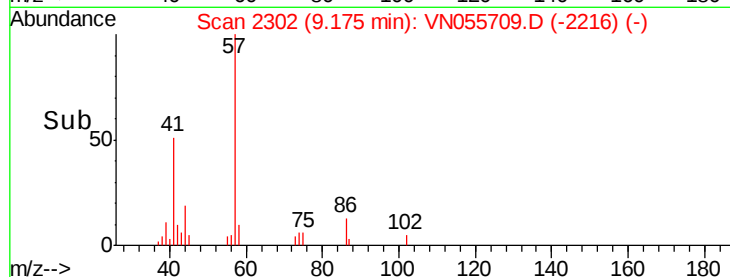
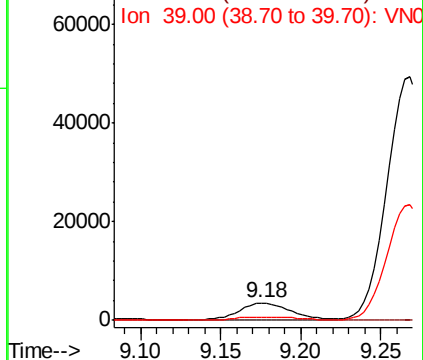
#48
Methyl methacrylate
Concen: 2.252 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN055709.D
Acq: 21 May 2019 15:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 7993
Ion Ratio Lower Upper
41 100
69 0.0 74.2 111.2#
39 22.6 43.8 65.8#

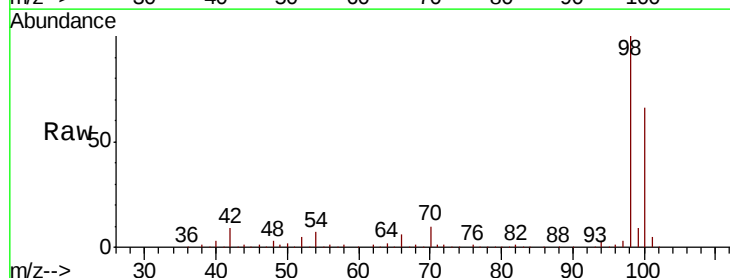


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

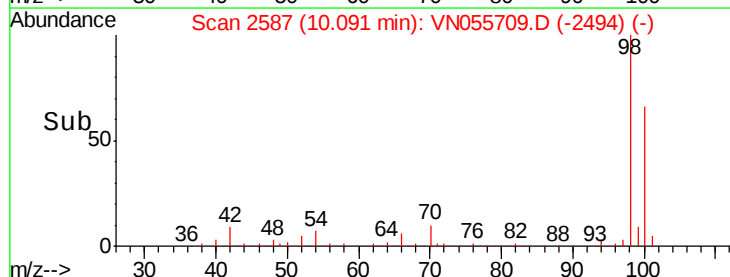
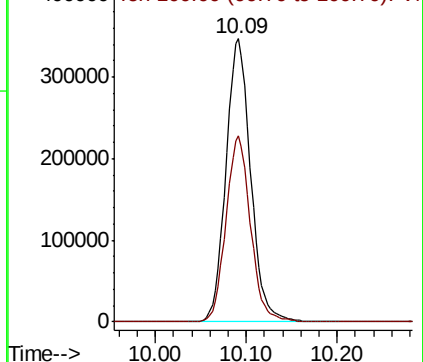


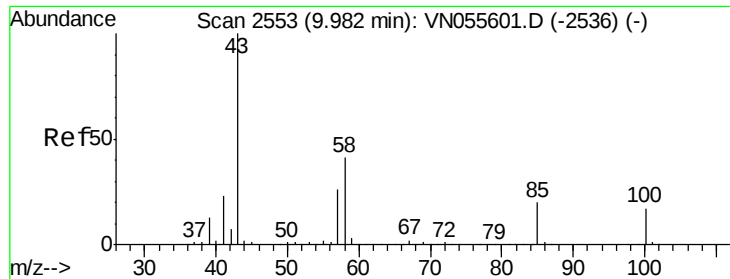
#50
Toluene-d8
Concen: 47.930 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055709.D
Acq: 21 May 2019 15:06

Tgt Ion: 98 Resp: 653347
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.764 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055709.D

Acq: 21 May 2019 15:06

Instrument :

MSVOA_N

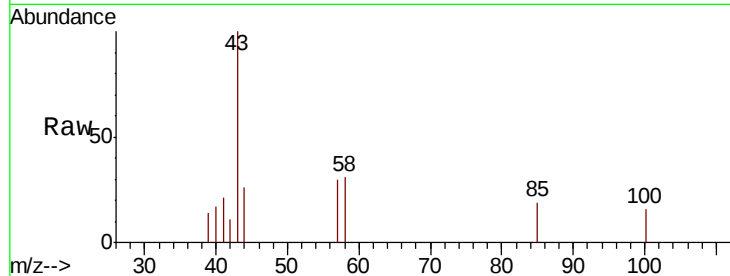
ClientSampled :

Tot Ion: 43 Resp: 3560

Ion Ratio Lower Upper

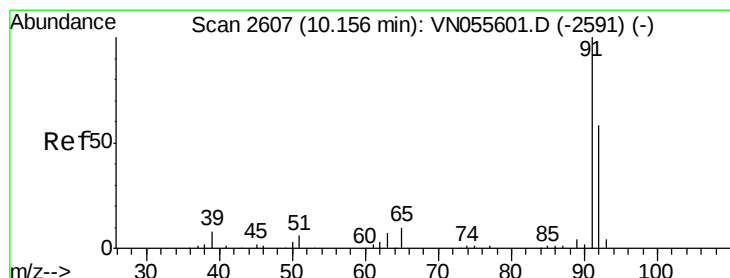
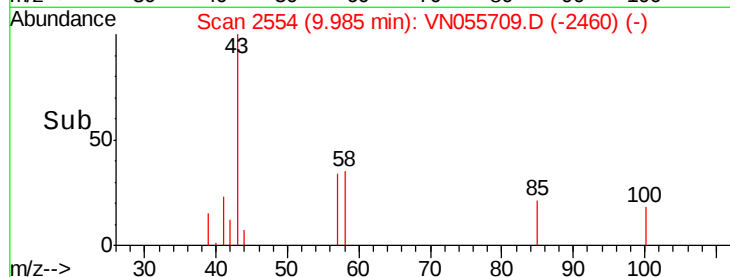
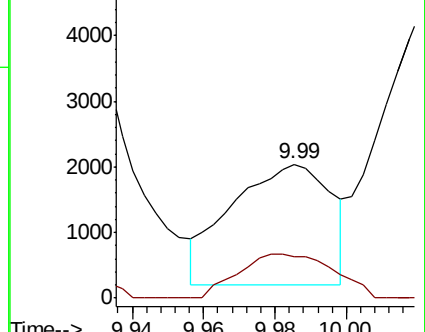
43 100

58 34.9 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN055601.D (-2536) (-)



#52

Toluene

Concen: 0.432 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055709.D

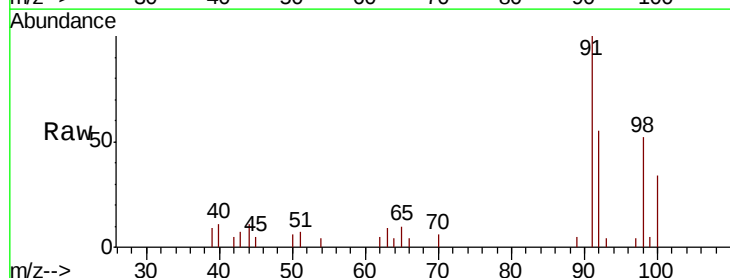
Acq: 21 May 2019 15:06

Tgt Ion: 92 Resp: 4028

Ion Ratio Lower Upper

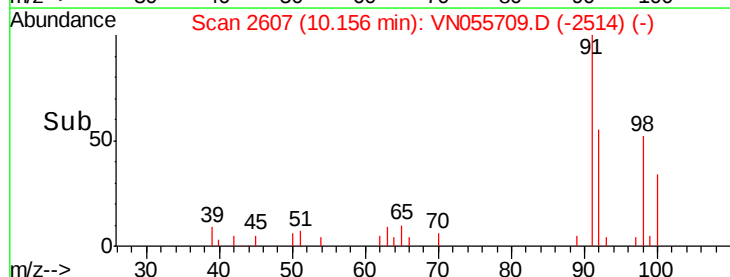
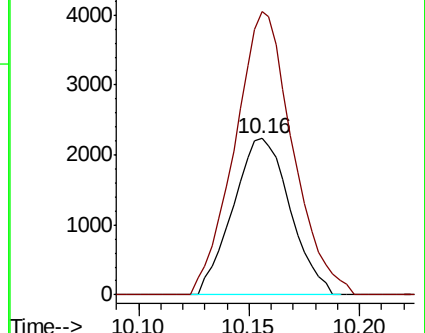
92 100

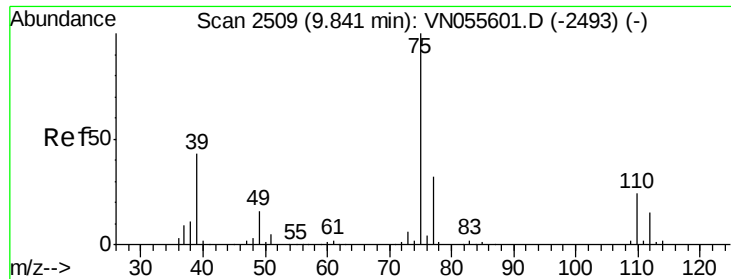
91 183.1 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN055601.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN055601.D (-2591) (-)



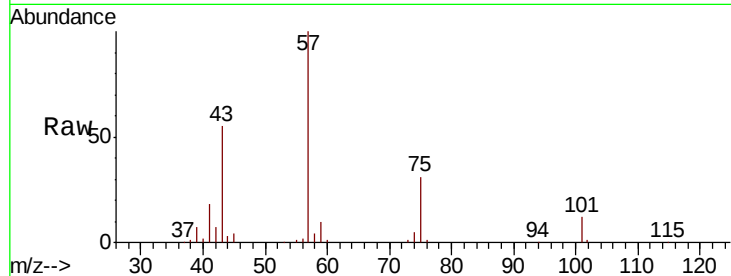


#54

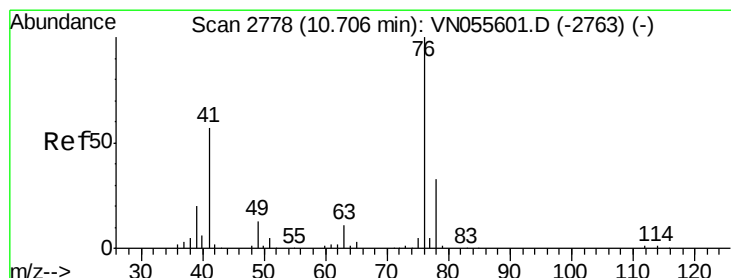
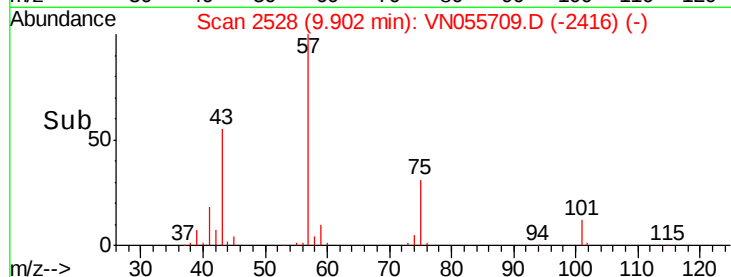
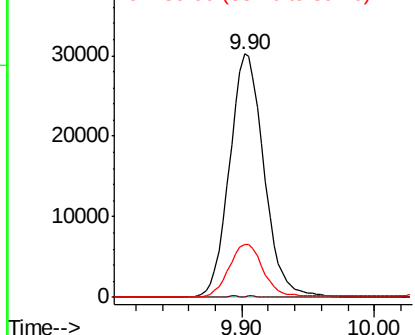
cis-1,3-Dichloropropene
Concen: 8.588 ug/l
RT: 9.90 min Scan# 2528
Delta R.T. 0.06 min
Lab File: VN055709.D
Acq: 21 May 2019 15:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 75 Resp: 54456
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 21.7 34.7 52.1#



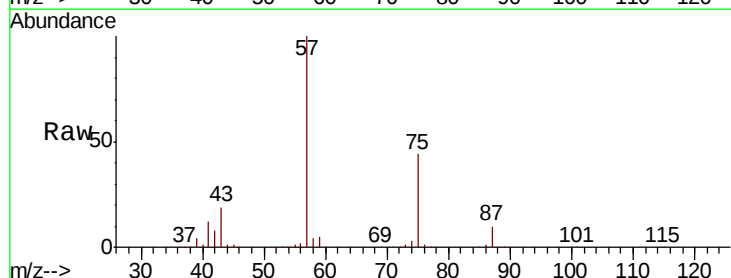
Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 76.90 (76.60 to 77.60): VN0
Ion 39.00 (38.70 to 39.70): VN0



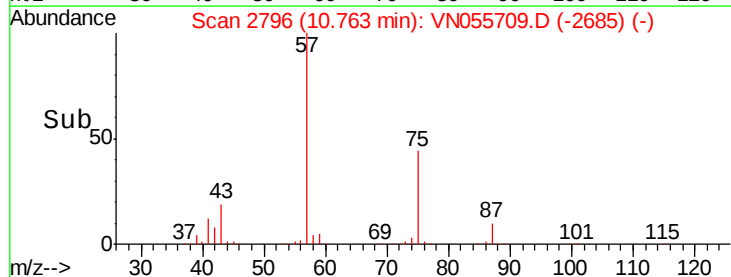
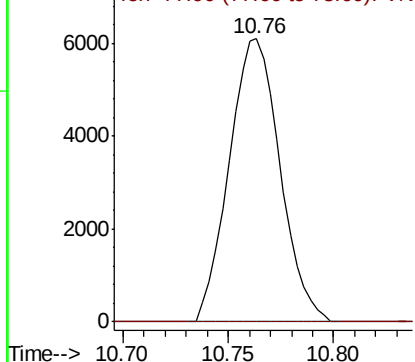
#57

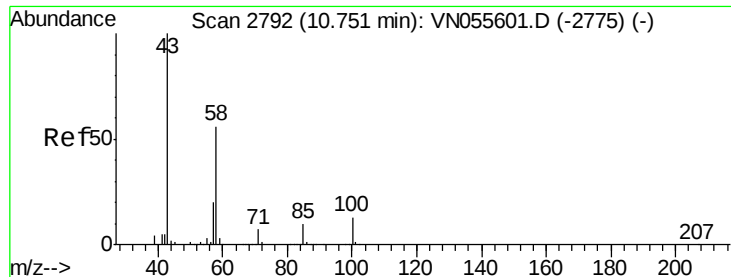
1,3-Dichloropropane
Concen: 1.673 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN055709.D
Acq: 21 May 2019 15:06

Tgt Ion: 76 Resp: 10183
Ion Ratio Lower Upper
76 100
78 0.0 26.5 39.7#



Abundance Ion 75.90 (75.60 to 76.60): VN0
Ion 77.90 (77.60 to 78.60): VN0

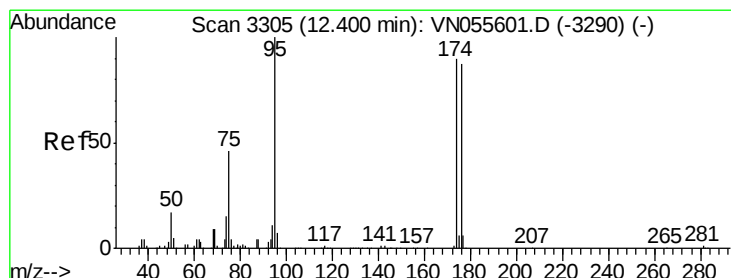
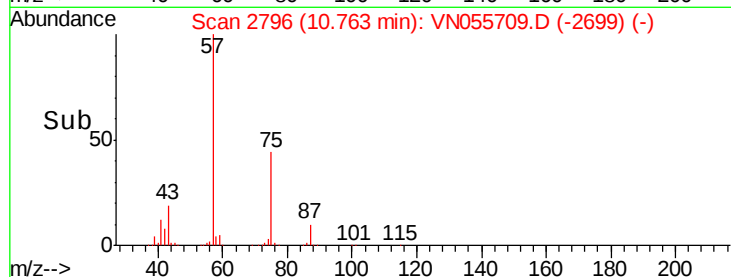
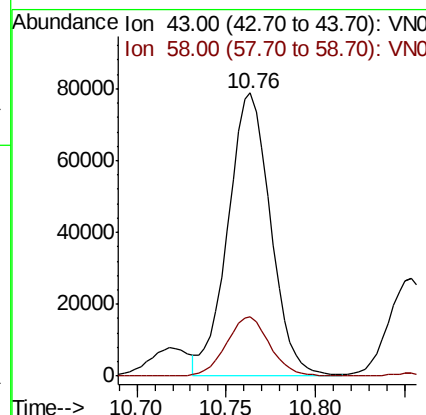
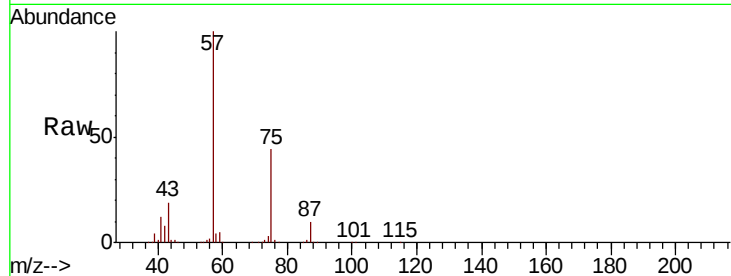




#59
2-Hexanone
Concen: 39.530 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055709.D
Acq: 21 May 2019 15:06

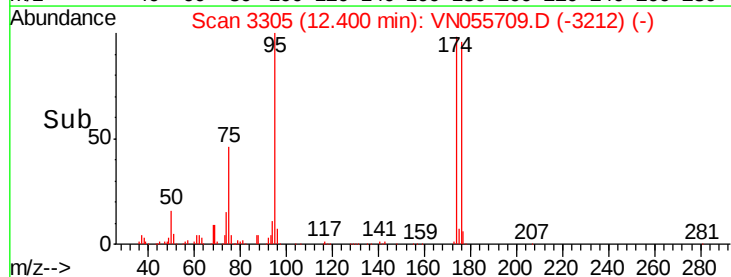
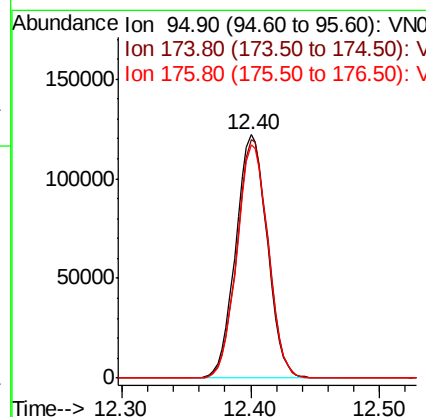
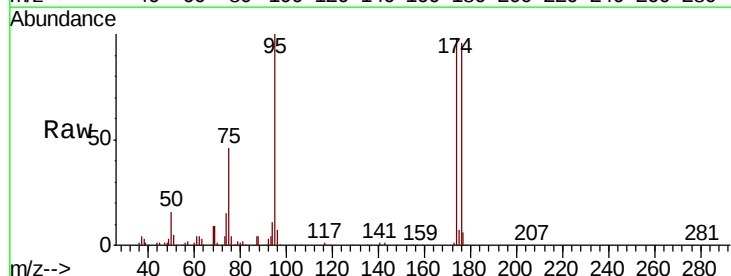
Instrument :
MSVOA_N
ClientSampled :

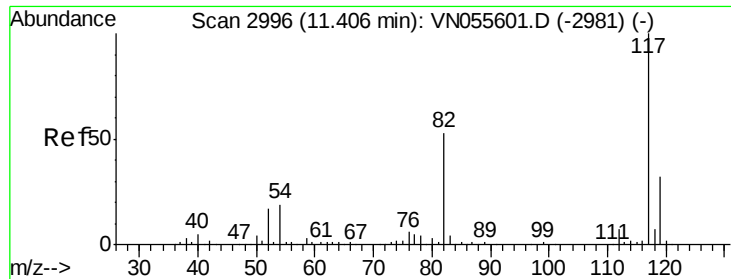
Tot Ion: 43 Resp: 129658
Ion Ratio Lower Upper
43 100
58 21.3 28.1 84.4#



#62
4-Bromofluorobenzene
Concen: 43.937 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055709.D
Acq: 21 May 2019 15:06

Tgt Ion: 95 Resp: 206812
Ion Ratio Lower Upper
95 100
174 97.0 0.0 180.6
176 94.9 0.0 177.4

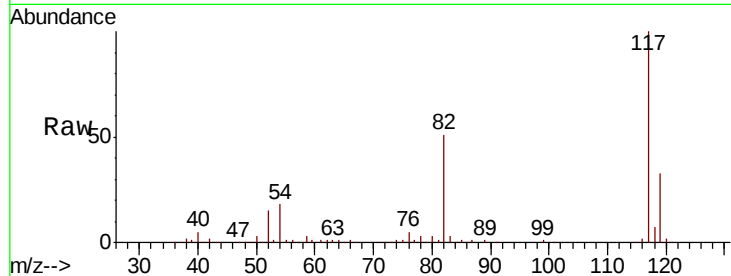




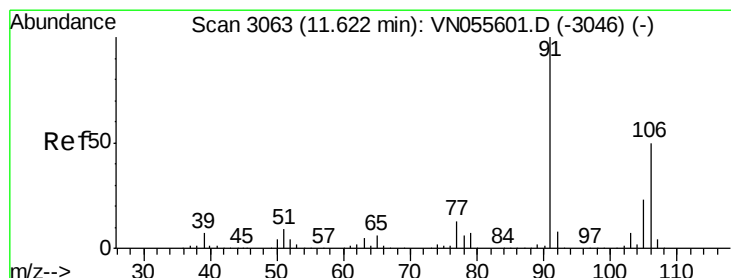
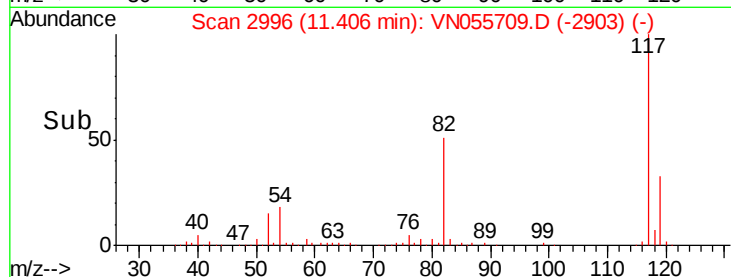
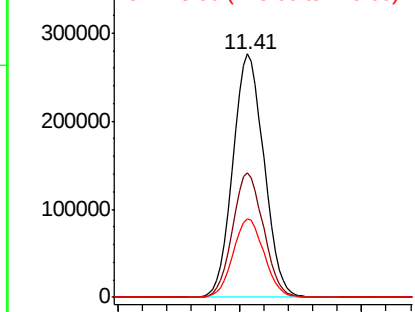
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055709.D
Acq: 21 May 2019 15:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 489406
Ion Ratio Lower Upper
117 100
82 51.2 42.3 63.5
119 32.5 25.4 38.2

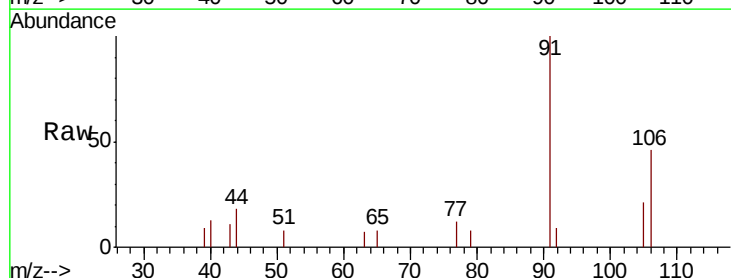


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

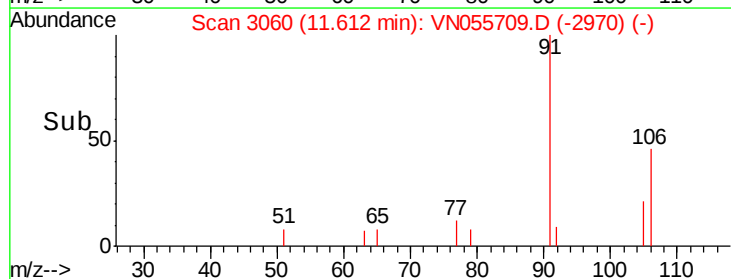
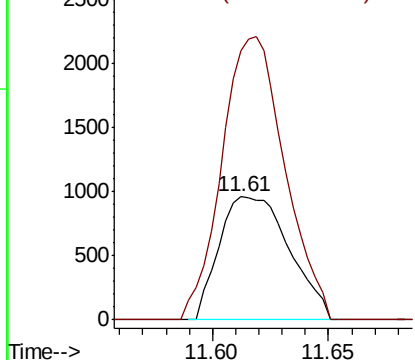


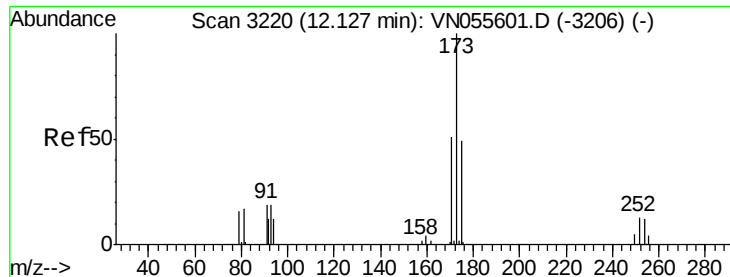
#68
m/p-Xylenes
Concen: 0.303 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.01 min
Lab File: VN055709.D
Acq: 21 May 2019 15:06

Tgt Ion:106 Resp: 2019
Ion Ratio Lower Upper
106 100
91 206.4 160.5 240.7



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





#71

Bromoform

Concen: 0.441 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN055709.D

Acq: 21 May 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

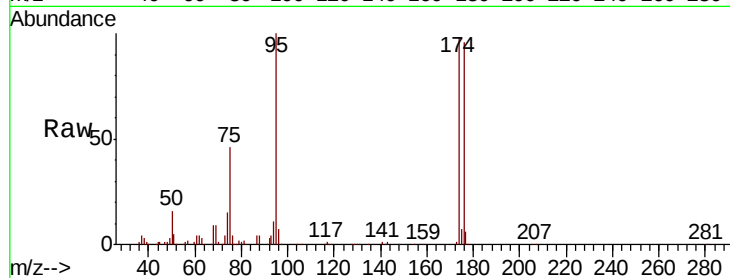
Tot Ion:173 Resp: 1489

Ion Ratio Lower Upper

173 100

175 889.7 24.3 72.9#

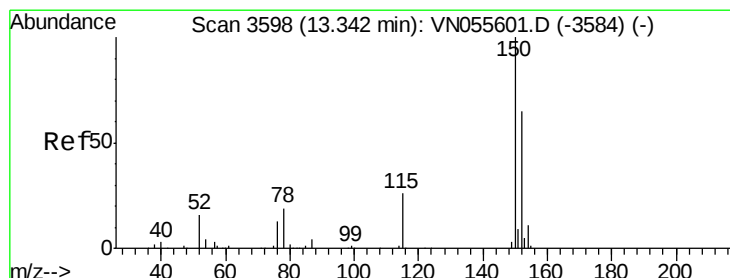
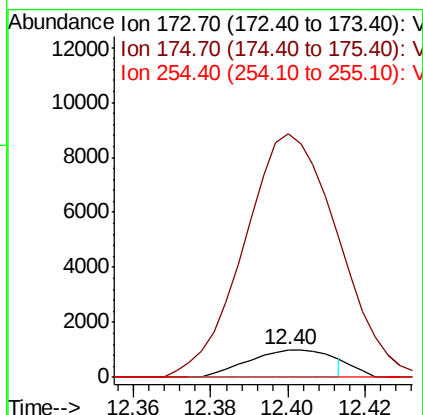
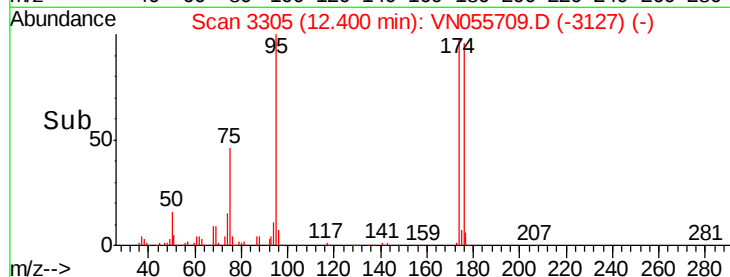
254 0.0 0.1 0.1#



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: VN055709.D

Acq: 21 May 2019 15:06

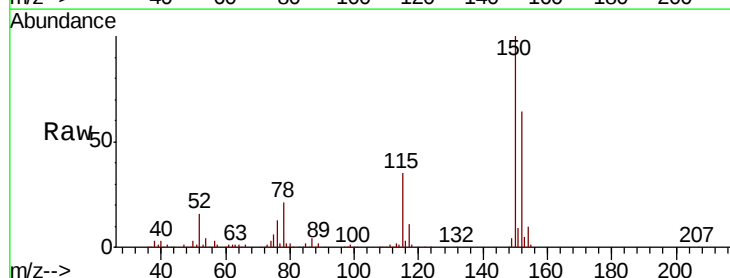
Tgt Ion:152 Resp: 181695

Ion Ratio Lower Upper

152 100

115 54.4 28.1 84.2

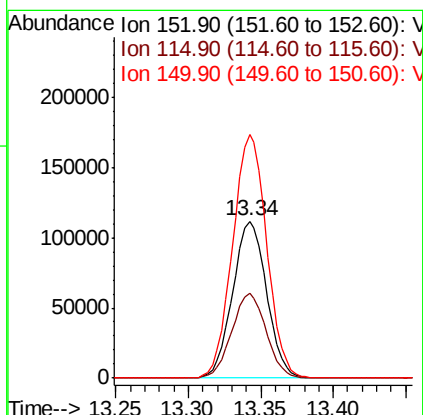
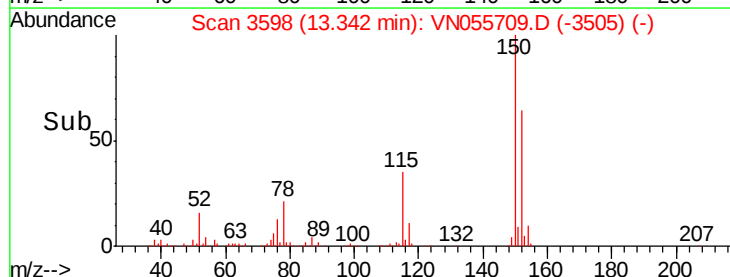
150 155.9 0.0 348.0

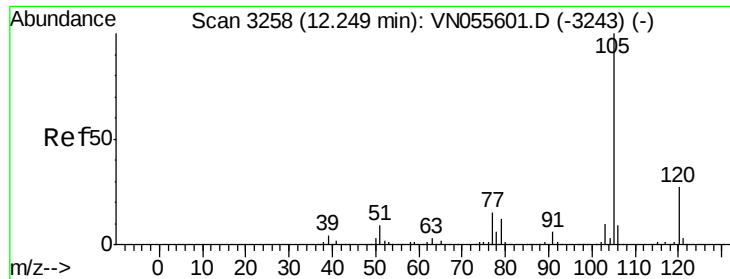


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.24 min Scan# 3256

Delta R.T. -0.01 min

Lab File: VN055709.D

Acq: 21 May 2019 15:06

Instrument :

MSVOA_N

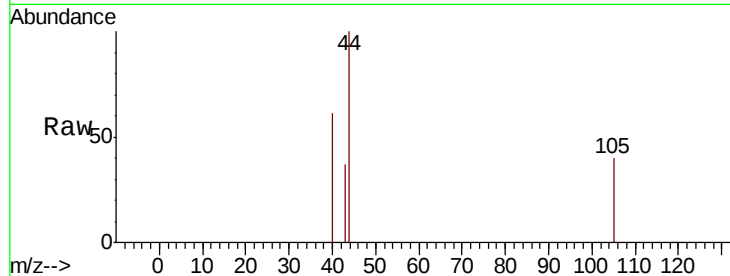
ClientSampleId :

Tot Ion:105 Resp: 175

Ion Ratio Lower Upper

105 100

120 0.0 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.24

200

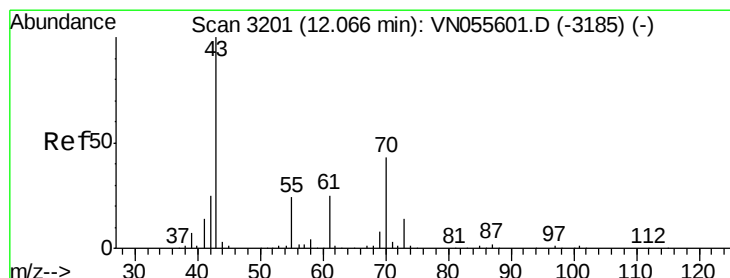
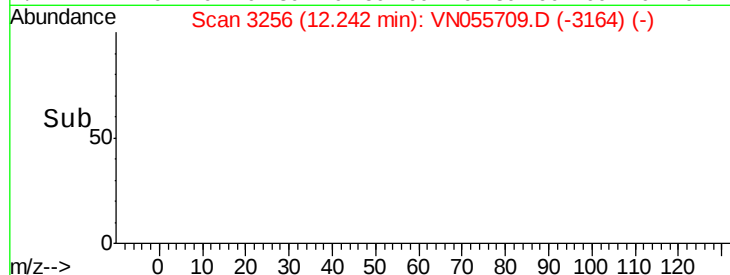
150

100

50

0

Time--> 12.22 12.24 12.26



#74

N-ethyl acetate

Concen: 0.310 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN055709.D

Acq: 21 May 2019 15:06

Tgt Ion: 43 Resp: 1581

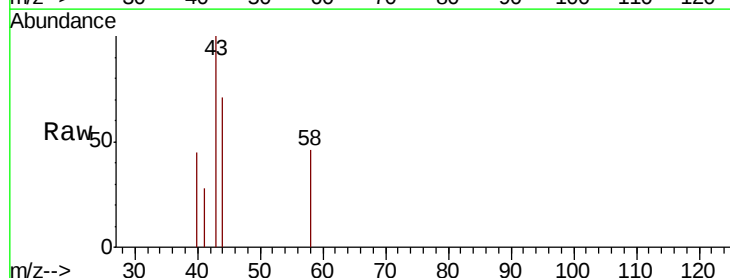
Ion Ratio Lower Upper

43 100

70 0.0 35.0 52.6#

55 0.0 18.9 28.3#

61 0.0 20.1 30.1#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.03

800

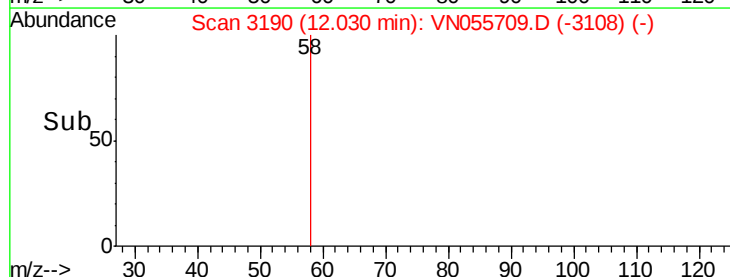
600

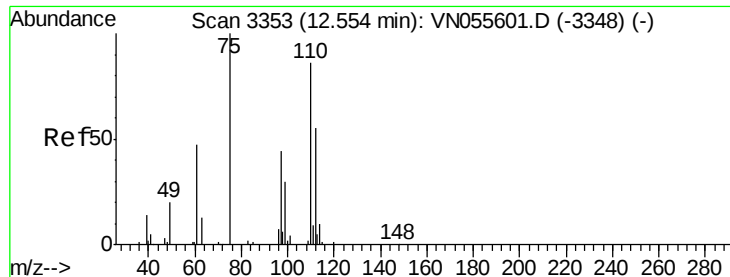
400

200

0

Time--> 12.00 12.05





#76

1,2,3-Trichloropropane

Concen: 25.560 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055709.D

Acq: 21 May 2019 15:06

Instrument :

MSVOA_N

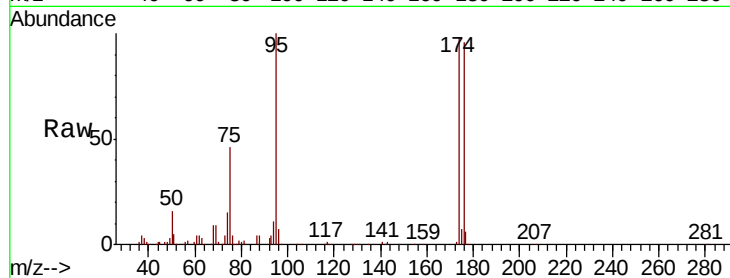
ClientSampled :

Tot Ion: 75 Resp: 94763

Ion Ratio Lower Upper

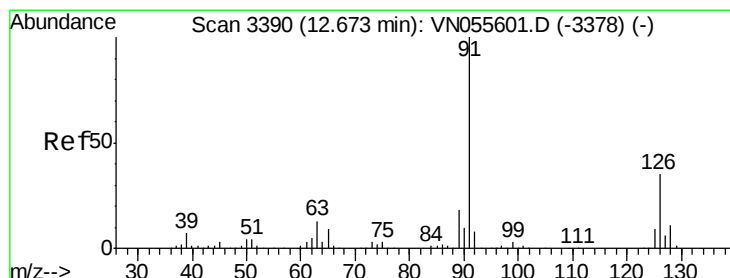
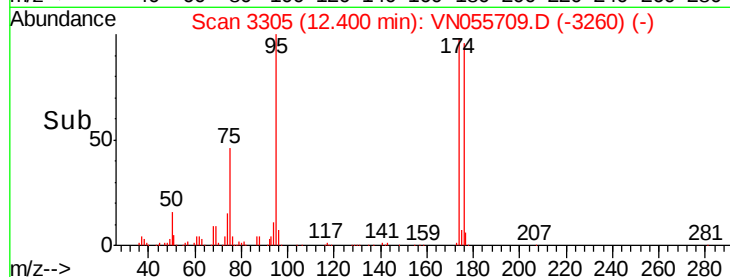
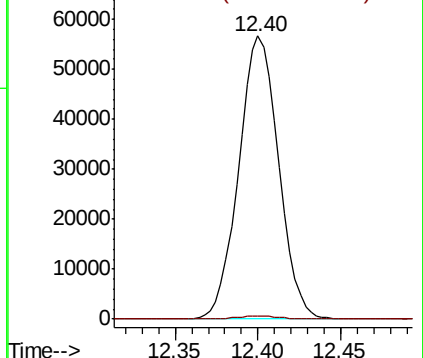
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN055709.D

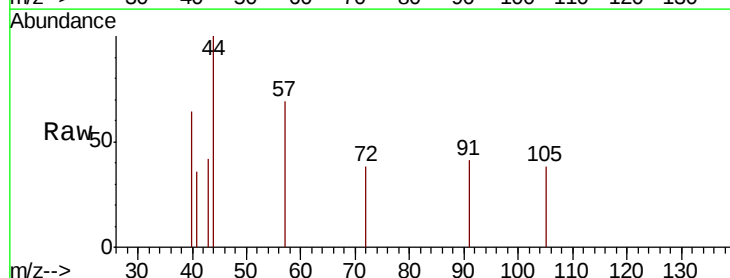
Acq: 21 May 2019 15:06

Tgt Ion: 91 Resp: 107

Ion Ratio Lower Upper

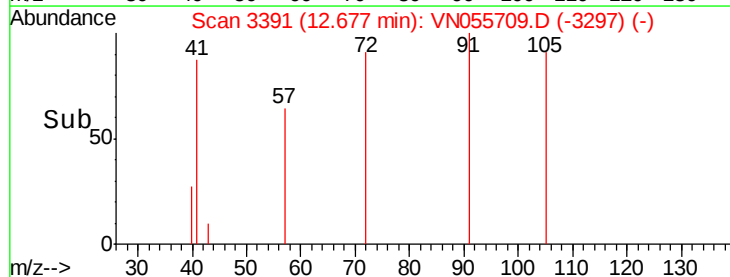
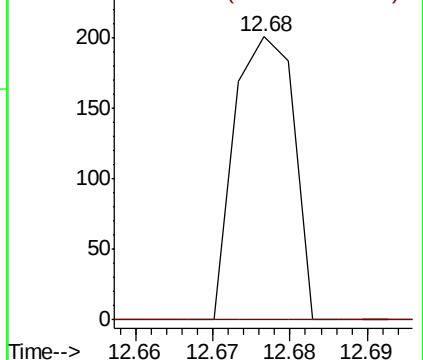
91 100

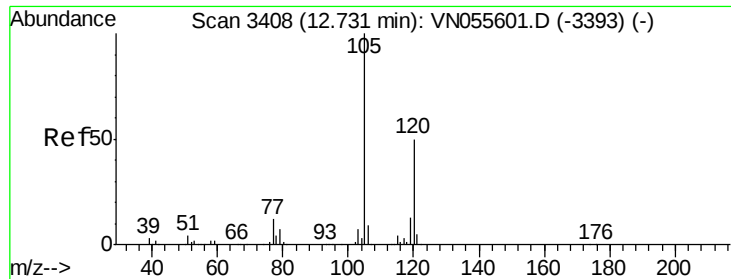
126 0.0 17.8 53.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

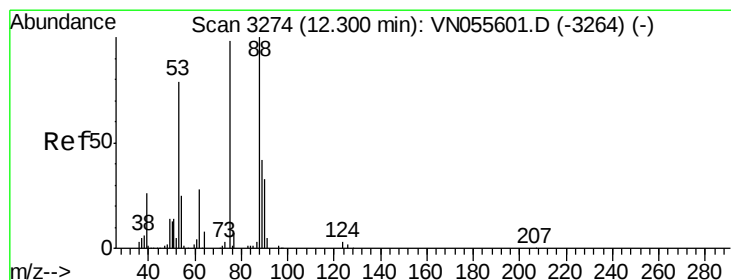
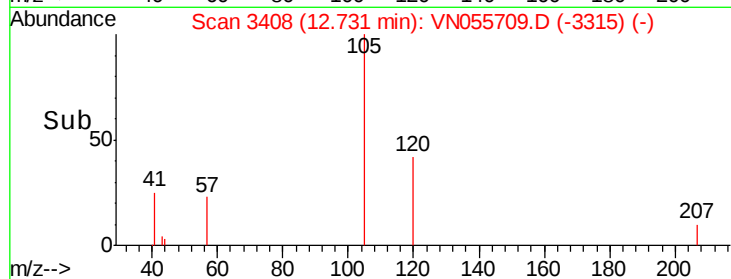
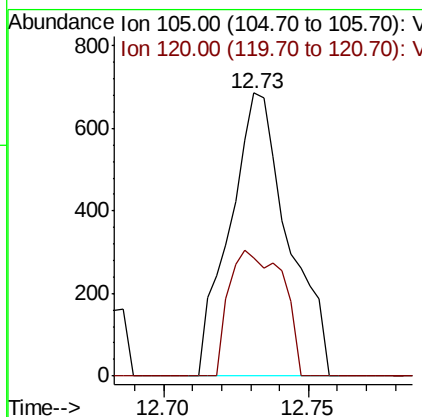
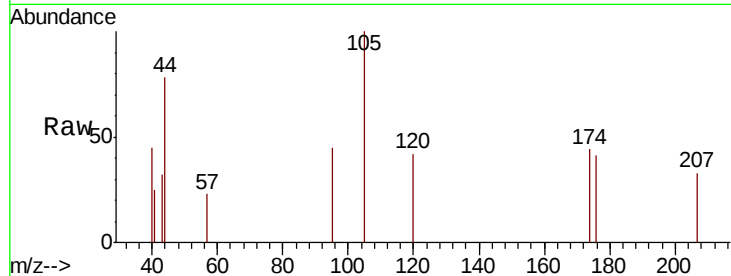




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055709.D
 Acq: 21 May 2019 15:06

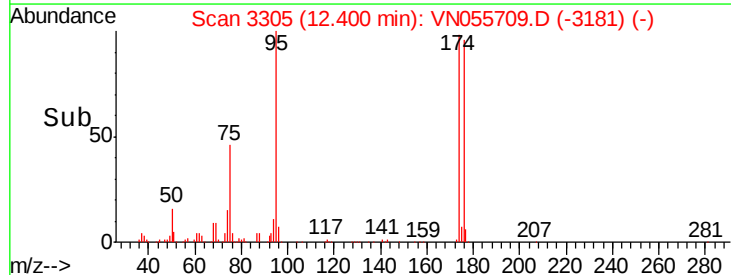
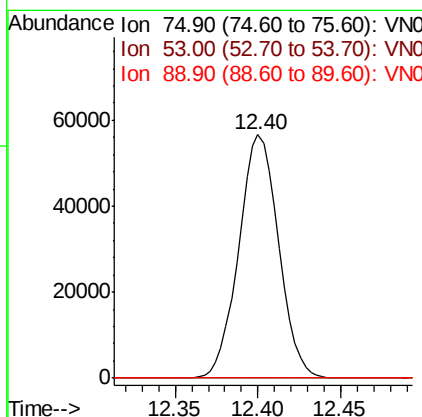
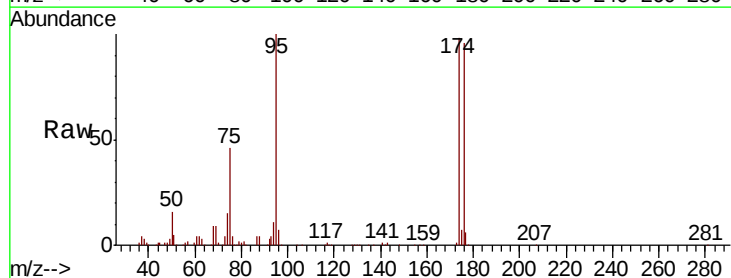
Instrument :
 MSVOA_N
 ClientSampleId :

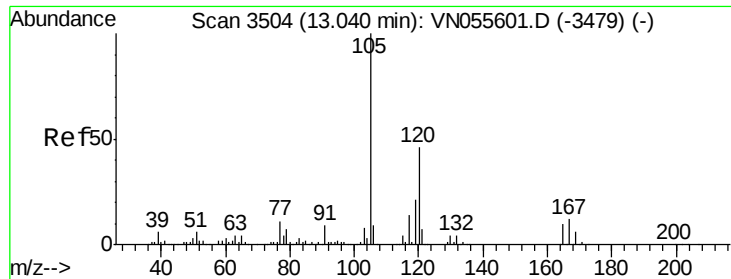
Tot Ion: 105 Resp: 959
 Ion Ratio Lower Upper
 105 100
 120 40.7 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.703 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055709.D
 Acq: 21 May 2019 15:06

Tgt Ion: 75 Resp: 94763
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.1 97.7#
 89 0.0 36.4 54.6#

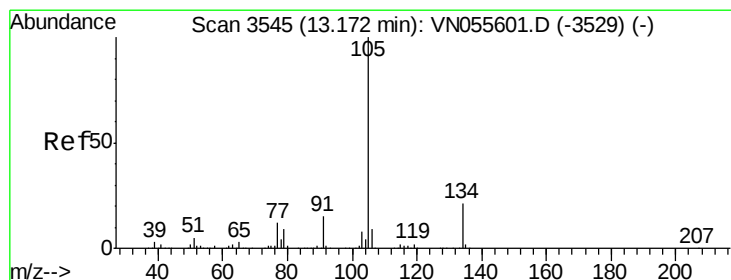
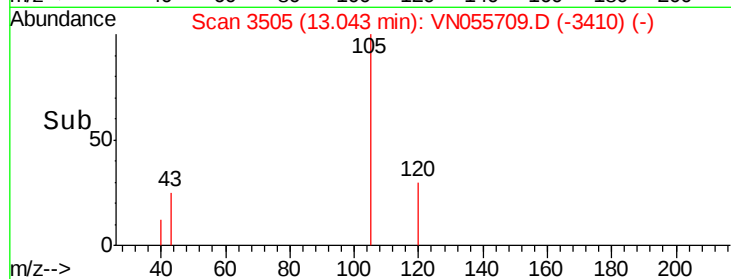
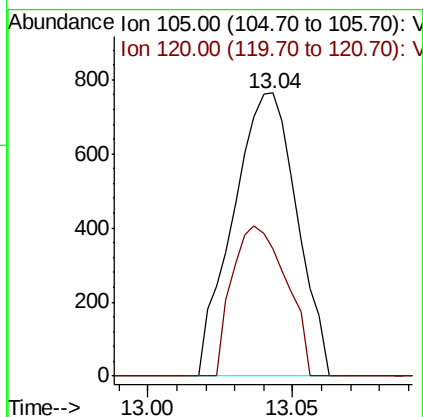
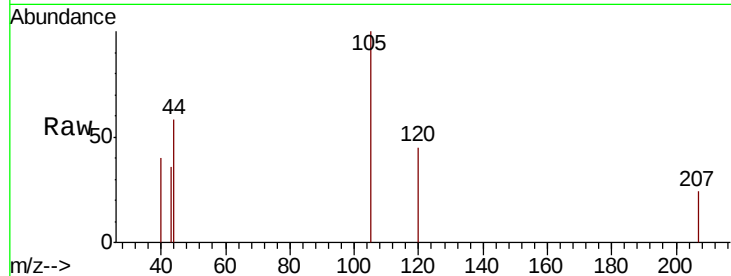




#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN055709.D
 Acq: 21 May 2019 15:06

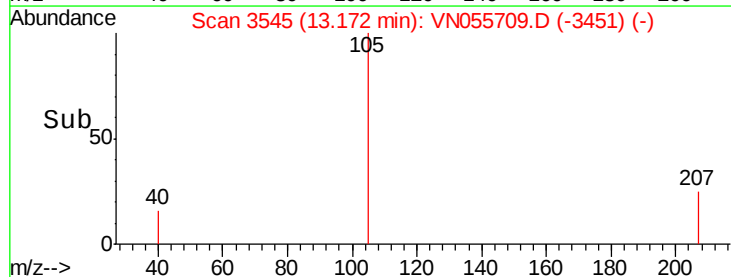
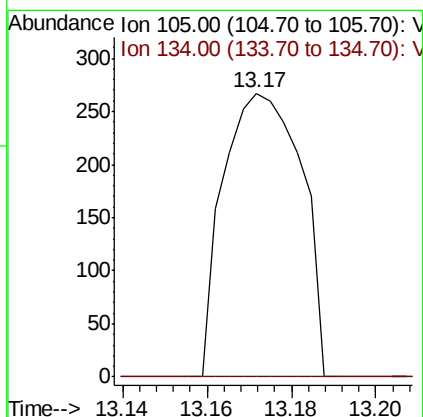
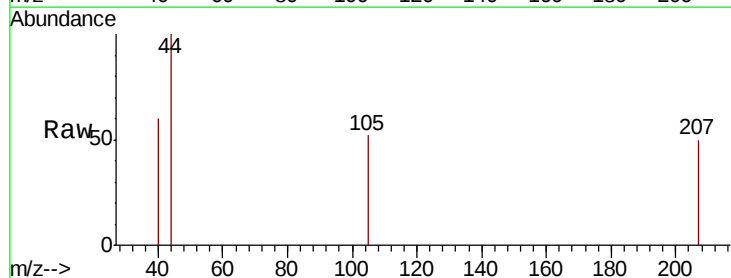
Instrument :
 MSVOA_N
 ClientSampleId :

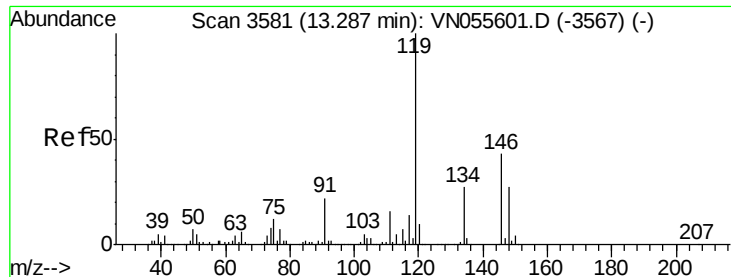
Tot Ion:105 Resp: 1167
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.1 69.2



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055709.D
 Acq: 21 May 2019 15:06

Tgt Ion:105 Resp: 342
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.9#





#86

p-Isopropyltoluene

Concen: Below Cal

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN055709.D

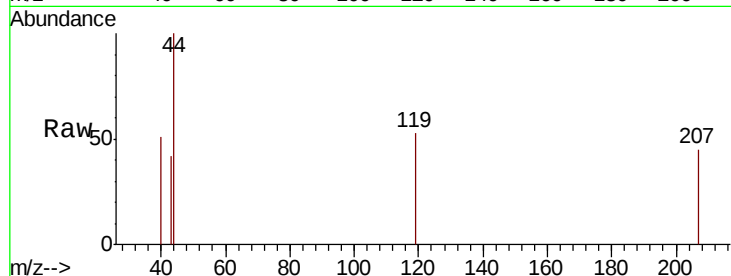
Acq: 21 May 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

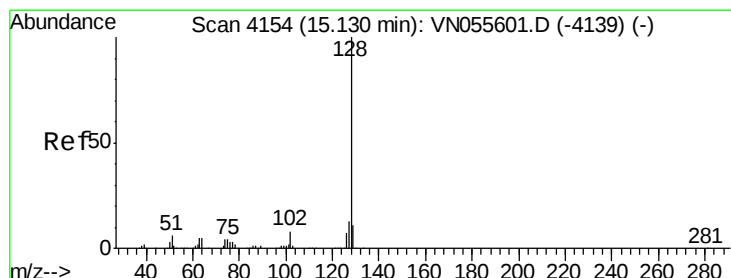
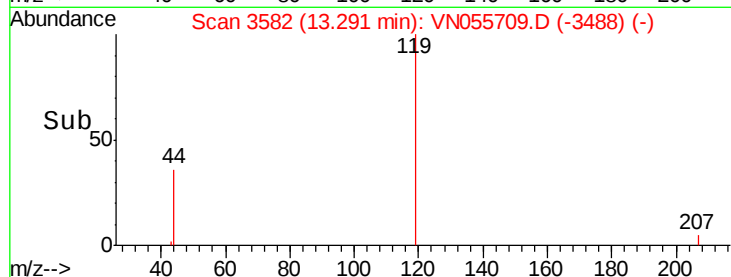
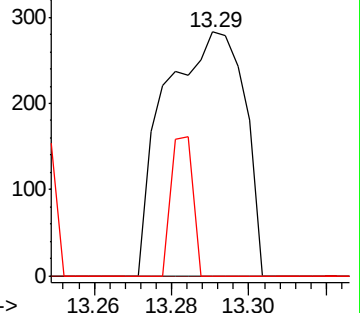
Tot Ion:	119	Resp:	404
Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.4	40.2#
91	15.3	11.0	33.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#95

Naphthalene

Concen: 1.861 ug/l

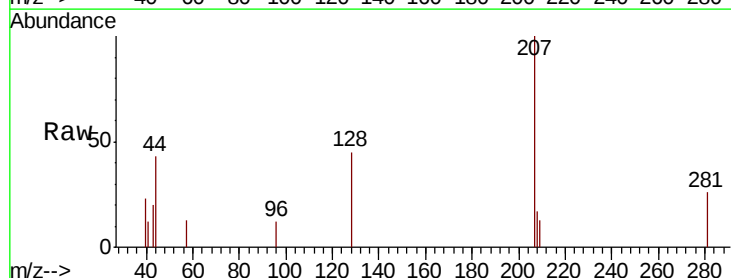
RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055709.D

Acq: 21 May 2019 15:06

Tgt Ion:	128	Resp:	947
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	12.8#



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

