

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
 Data File : VN055708.D
 Acq On : 21 May 2019 14:41
 Operator : JC/SP
 Sample : K2959-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 22 05:12:25 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	423980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	605419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	524739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	195221	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	193217	41.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.14%	
35) Dibromofluoromethane	7.59	113	180973	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
50) Toluene-d8	10.09	98	698355	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
62) 4-Bromofluorobenzene	12.40	95	224598	44.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.46%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.77	59	1985	2.290	ug/l #	74
16) Acetone	3.82	43	8765	4.621	ug/l	97
18) Methyl Acetate	4.33	43	2311	0.568	ug/l #	71
20) Methylene Chloride	4.55	84	4086	0.944	ug/l	89
25) 2-Butanone	6.84	43	14122	5.325	ug/l	91
29) Tetrahydrofuran	7.23	42	1207	0.687	ug/l #	40
31) Cyclohexane	7.67	56	5887	0.854	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	24279	4.498	ug/l #	44
37) Ethyl Acetate	6.84	43	14122	2.899	ug/l #	67
38) Carbon Tetrachloride	7.67	117	33461	5.801	ug/l #	15
41) Methacrylonitrile	7.21	41	953	0.458	ug/l #	100
43) Isopropyl Acetate	8.16	43	13322	1.572	ug/l #	91
45) 1,2-Dichloropropane	9.27	63	1400	0.335	ug/l #	43
48) Methyl methacrylate	9.18	41	8220	2.171	ug/l #	21
49) 1,4-Dioxane	9.27	88	30	0.399	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	3479	0.700	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	55164	8.155	ug/l #	56
57) 1,3-Dichloropropane	10.76	76	9935	1.530	ug/l #	42
59) 2-Hexanone	10.76	43	132817	37.958	ug/l #	52
71) Bromoform	12.40	173	1535	0.424	ug/l #	1
73) Isopropylbenzene	12.26	105	288	Below Cal	#	48
74) N-amyl acetate	12.03	43	1691	0.308	ug/l #	42
76) 1,2,3-Trichloropropane	12.40	75	101667	25.522	ug/l #	100
79) 2-Chlorotoluene	12.68	91	343	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	857	Below Cal		96
81) trans-1,4-Dichloro-2-buten	12.40	75	101667	65.606	ug/l #	17
83) tert-Butylbenzene	12.99	119	179	Below Cal	#	28
84) 1,2,4-Trimethylbenzene	13.04	105	1078	Below Cal		80
85) sec-Butylbenzene	13.17	105	693	Below Cal	#	56
86) p-Isopropyltoluene	13.28	119	629	Below Cal	#	70
94) Hexachlorobutadiene	15.01	225	159	Below Cal	#	18
95) Naphthalene	15.13	128	1469	1.904	ug/l #	69

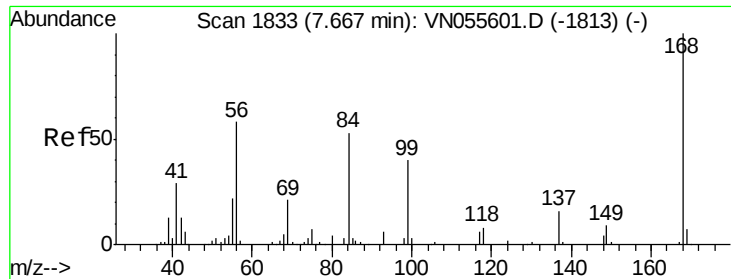
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
Data File : VN055708.D
Acq On : 21 May 2019 14:41
Operator : JC/SP
Sample : K2959-05
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 22 05:12:25 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)

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055708.D

Acq: 21 May 2019 14:41

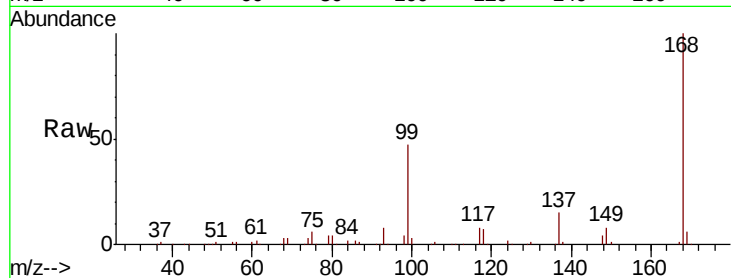
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 423980

Ion Ratio Lower Upper

168 100

99 46.5 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

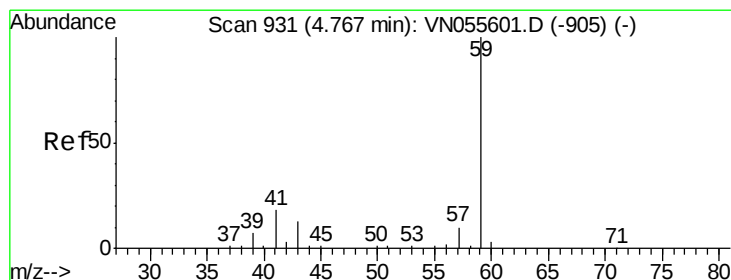
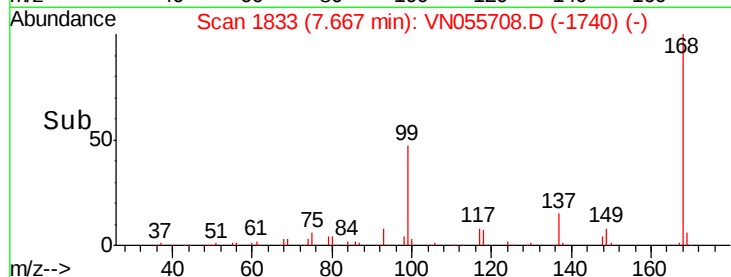
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 2.290 ug/l

RT: 4.77 min Scan# 933

Delta R.T. 0.01 min

Lab File: VN055708.D

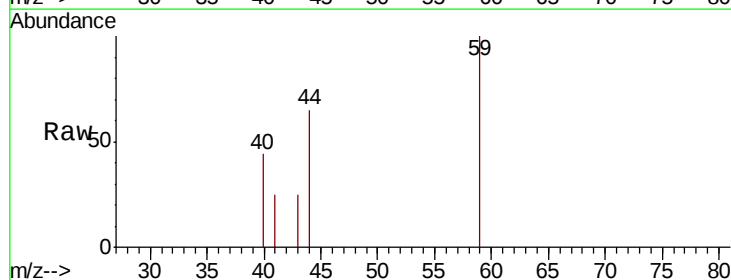
Acq: 21 May 2019 14:41

Tgt Ion: 59 Resp: 1985

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

4.77

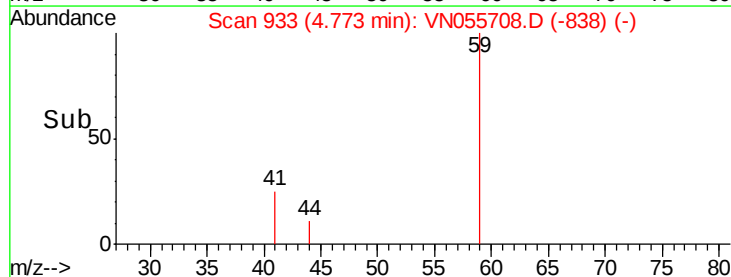
600

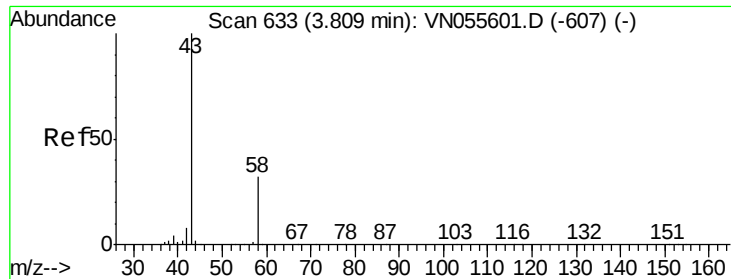
400

200

0

Time--> 4.70 4.75 4.80 4.85





#16

Acetone

Concen: 4.621 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN055708.D

Acq: 21 May 2019 14:41

Instrument :

MSVOA_N

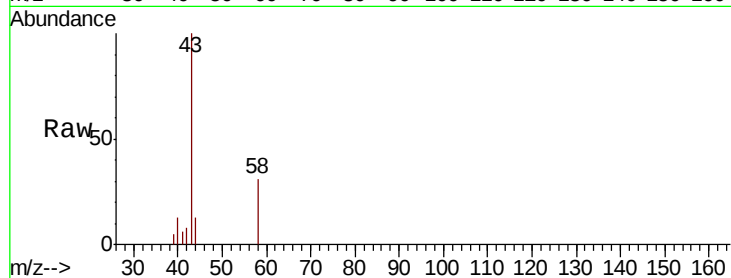
ClientSampleId :

Tot Ion: 43 Resp: 8765

Ion Ratio Lower Upper

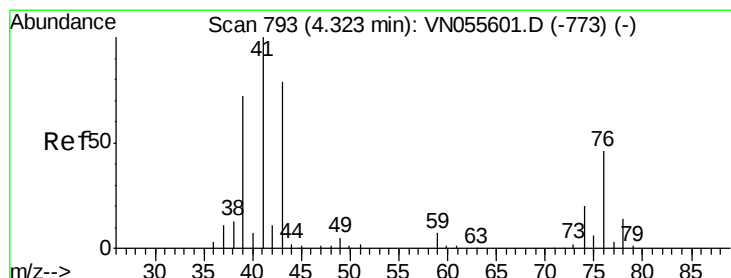
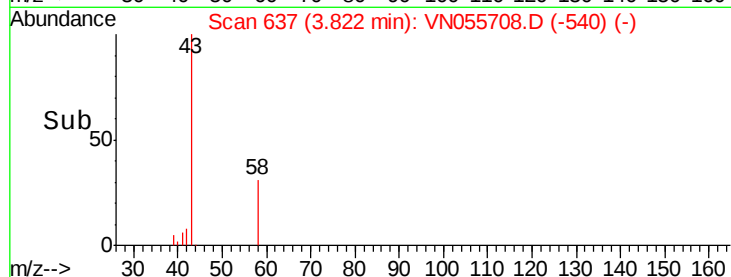
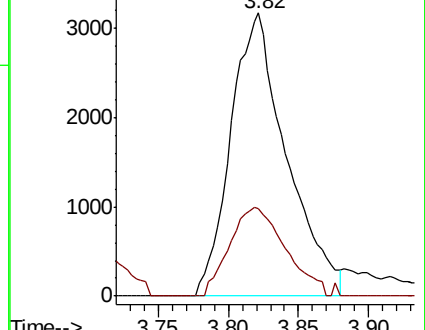
43 100

58 30.9 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN055708.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN055708.D (-540) (-)



#18

Methyl Acetate

Concen: 0.568 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN055708.D

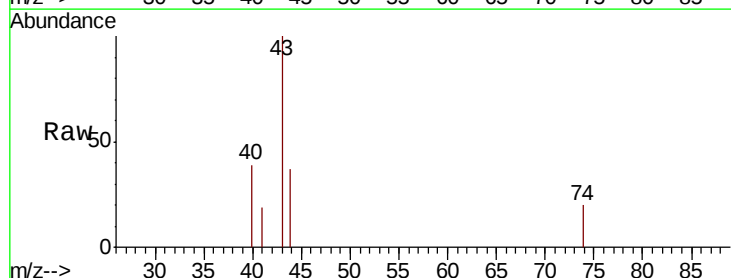
Acq: 21 May 2019 14:41

Tgt Ion: 43 Resp: 2311

Ion Ratio Lower Upper

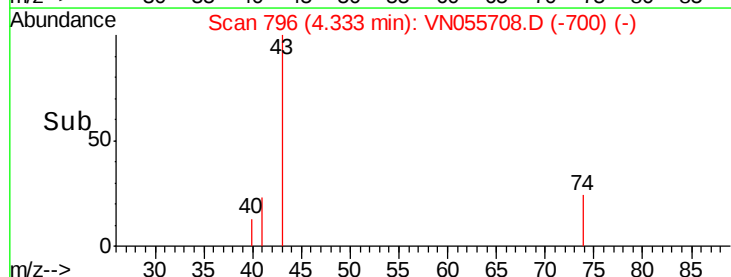
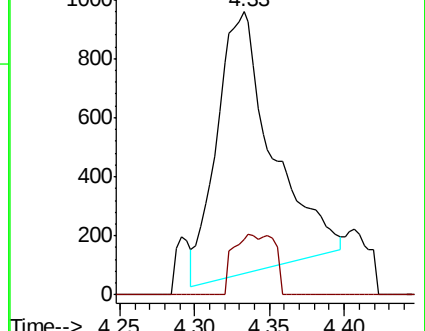
43 100

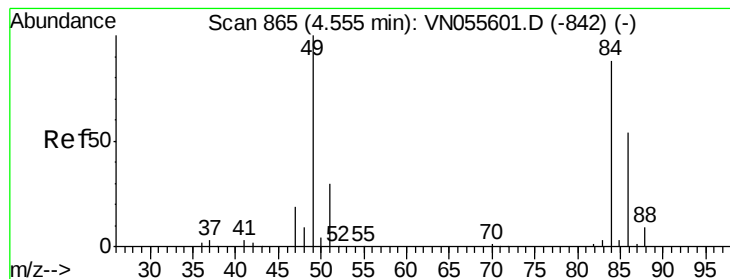
74 10.6 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VN055708.D (-700) (-)

Ion 74.00 (73.70 to 74.70): VN055708.D (-700) (-)





#20

Methvlene Chloride

Concen: 0.944 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN055708.D

Acq: 21 May 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 84 Resp: 4086

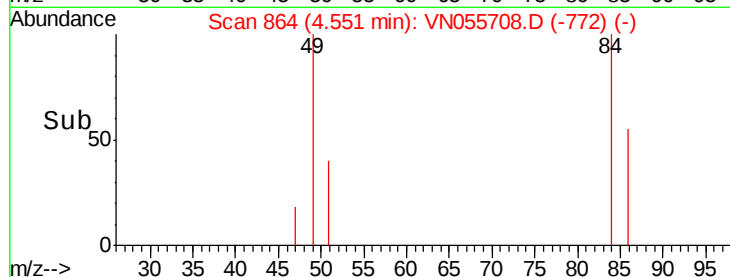
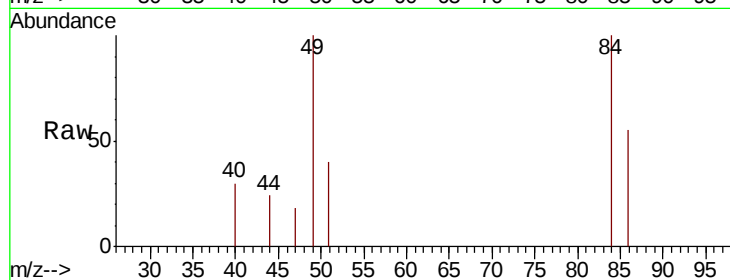
Ion Ratio Lower Upper

84 100

49 99.7 91.0 136.4

51 40.5 27.5 41.3

86 55.1 49.4 74.0

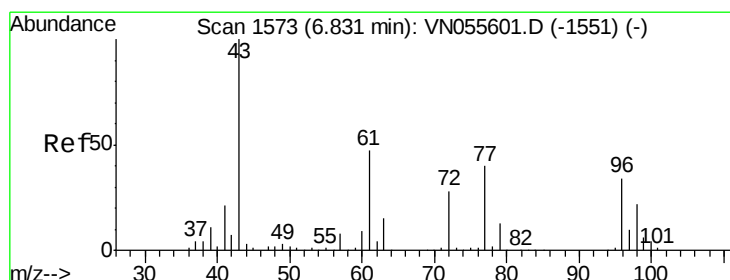
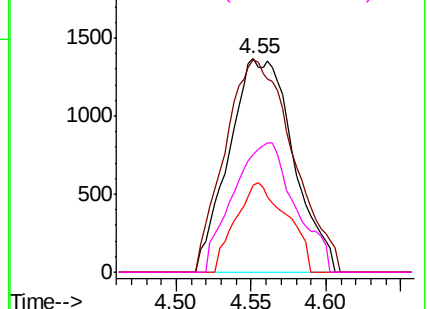


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 5.325 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.01 min

Lab File: VN055708.D

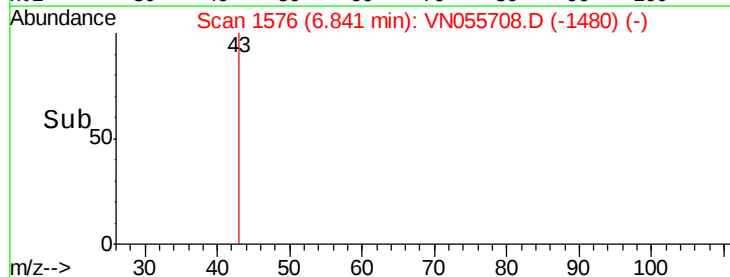
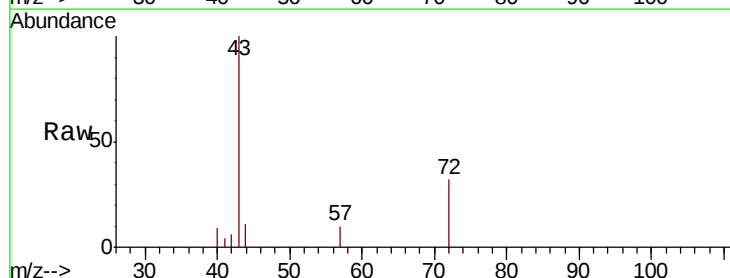
Acq: 21 May 2019 14:41

Tgt Ion: 43 Resp: 14122

Ion Ratio Lower Upper

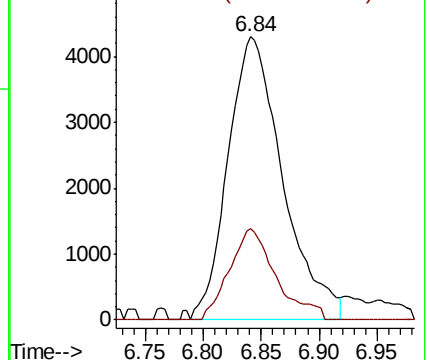
43 100

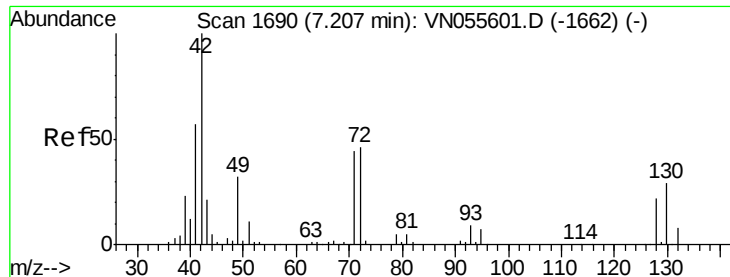
72 32.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.687 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.02 min

Lab File: VN055708.D

Acq: 21 May 2019 14:41

Instrument :

MSVOA_N

ClientSampled :

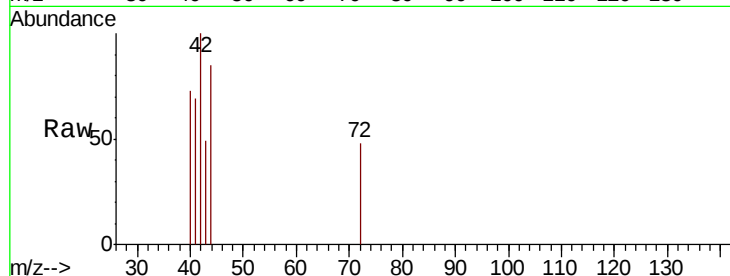
Tot Ion: 42 Resp: 1207

Ion Ratio Lower Upper

42 100

72 0.0 36.5 54.7#

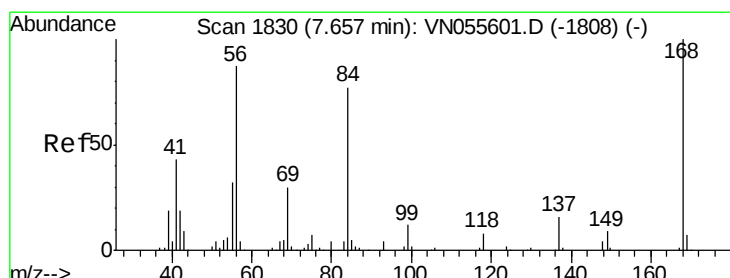
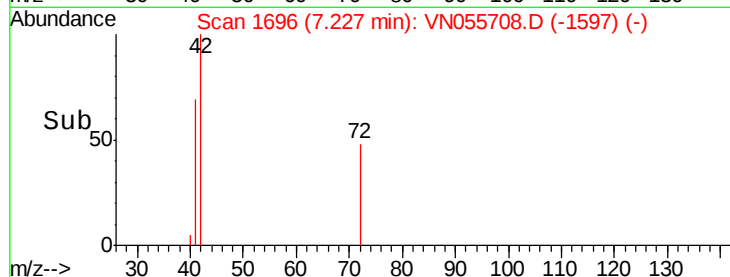
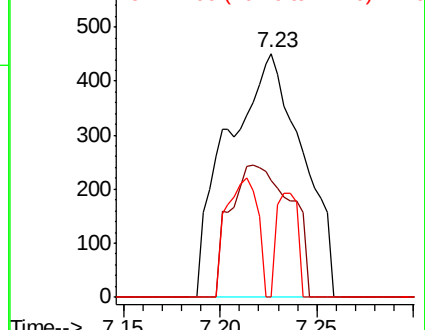
71 11.7 34.9 52.3#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.854 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN055708.D

Acq: 21 May 2019 14:41

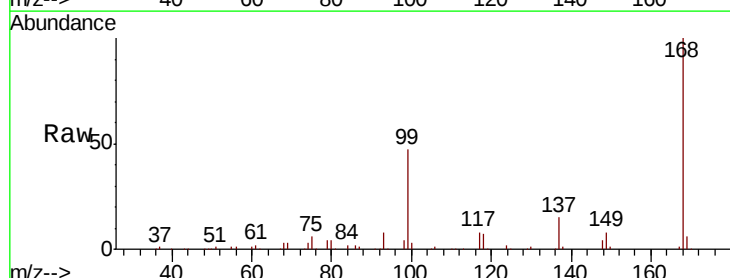
Tgt Ion: 56 Resp: 5887

Ion Ratio Lower Upper

56 100

69 200.9 27.2 40.8#

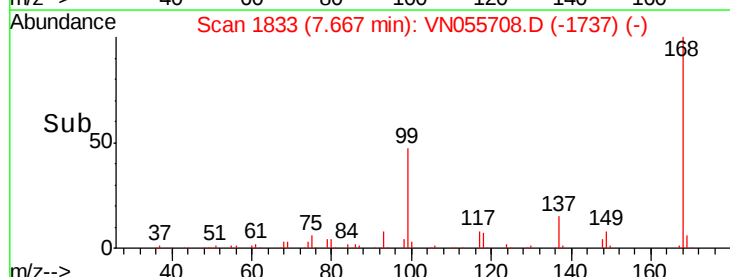
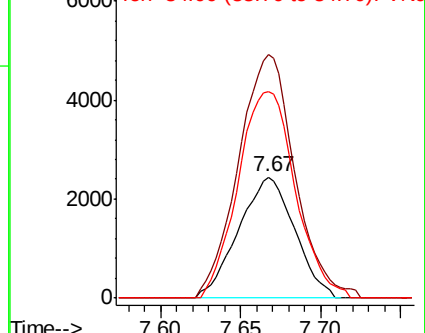
84 170.7 71.3 106.9#

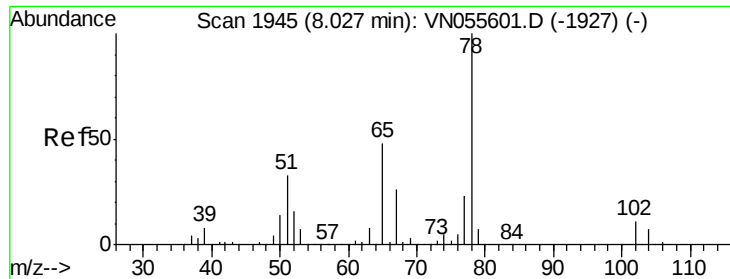


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

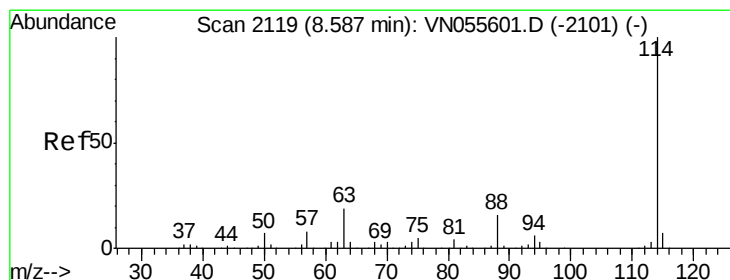
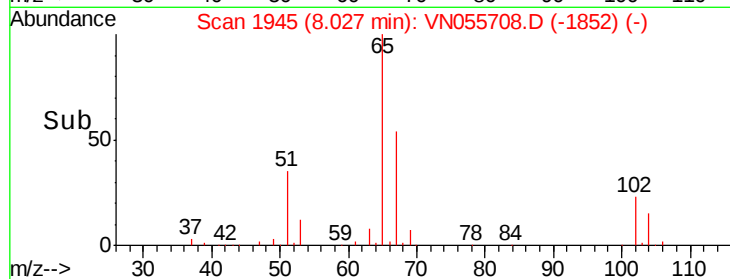
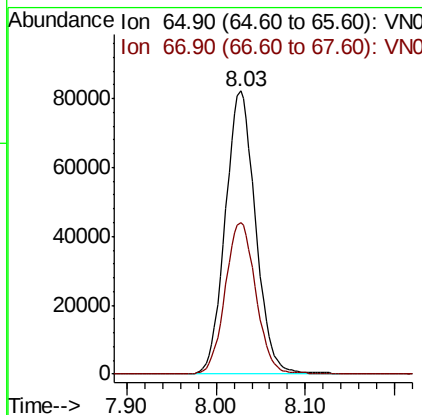
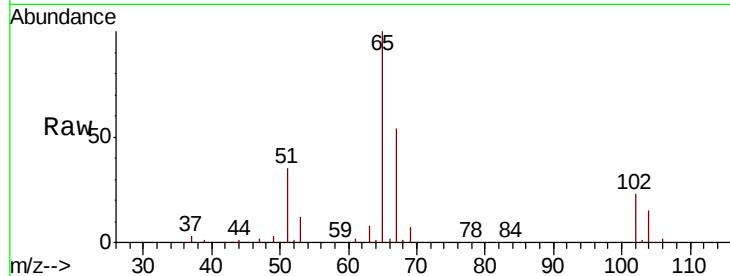




#33
 1,2-Dichloroethane-d4
 Concen: 41.573 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055708.D
 Acq: 21 May 2019 14:41

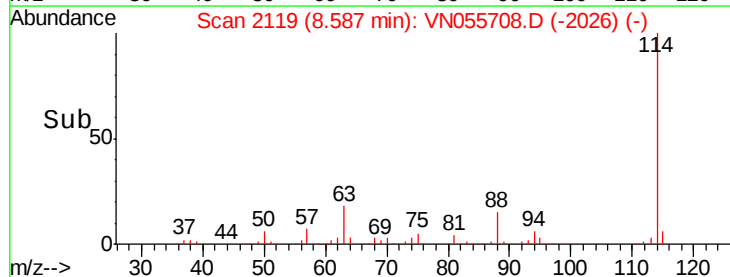
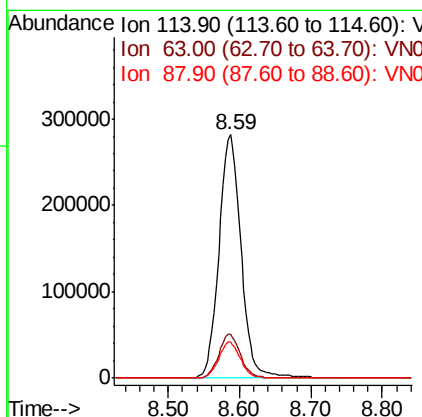
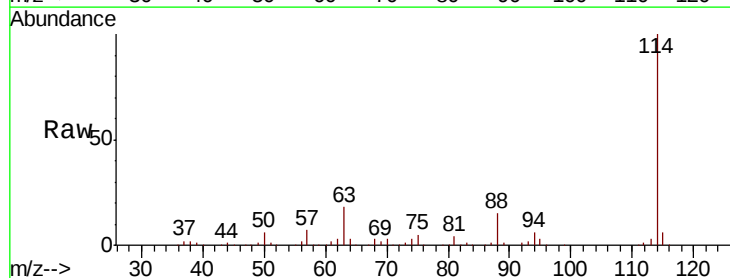
Instrument :
 MSVOA_N
 ClientSampleId :

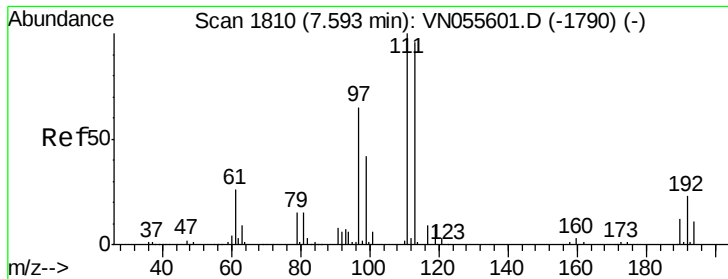
Tot Ion: 65 Resp: 193217
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055708.D
 Acq: 21 May 2019 14:41

Tgt Ion: 114 Resp: 605419
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 38.2
 88 14.9 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.056 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055708.D

Acq: 21 May 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

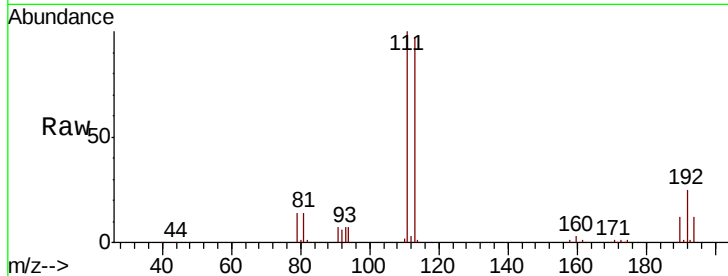
Tot Ion:113 Resp: 180973

Ion Ratio Lower Upper

113 100

111 103.4 82.5 123.7

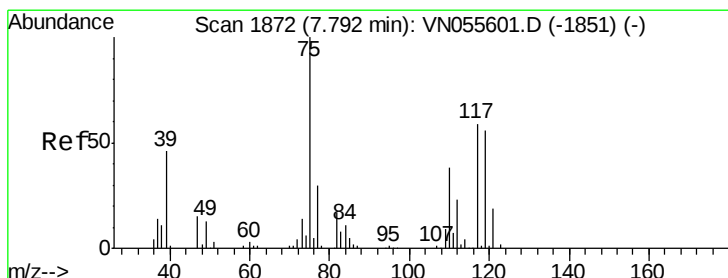
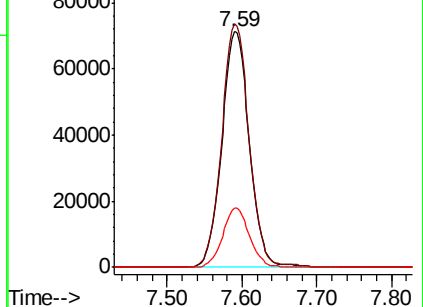
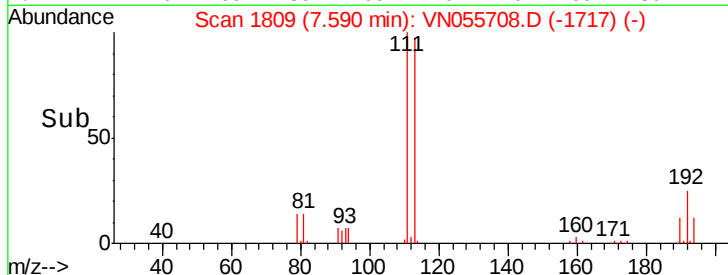
192 24.5 18.7 28.1



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: 4.498 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN055708.D

Acq: 21 May 2019 14:41

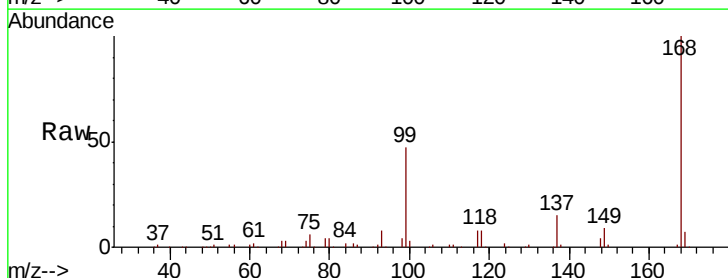
Tgt Ion: 75 Resp: 24279

Ion Ratio Lower Upper

75 100

110 3.8 18.6 55.6#

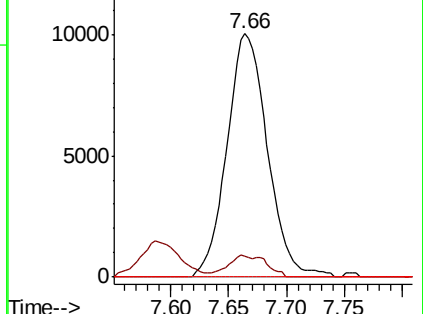
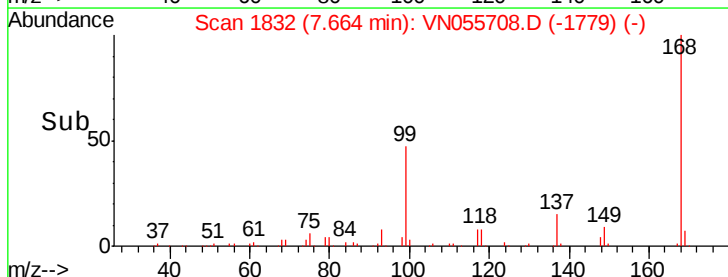
77 0.0 24.9 37.3#

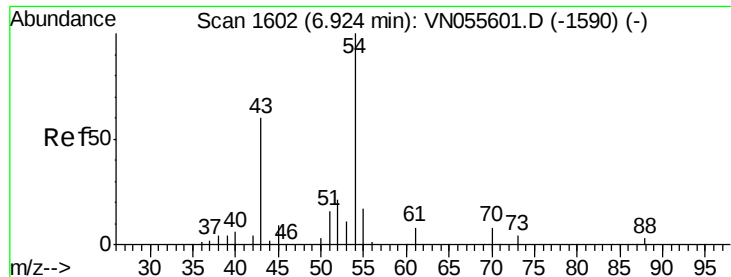


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

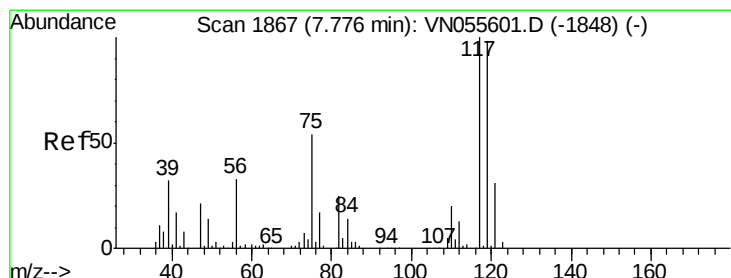
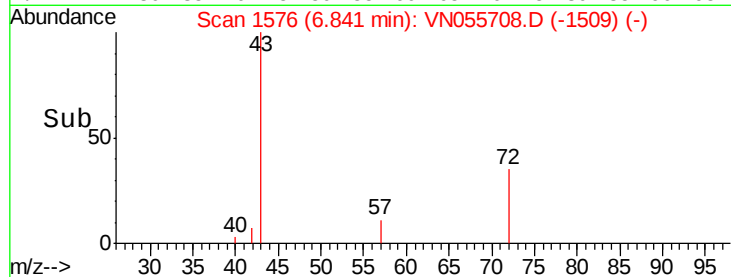
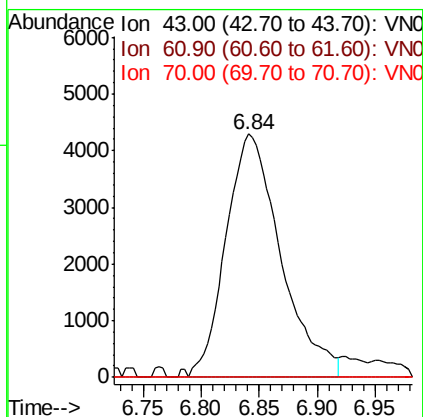
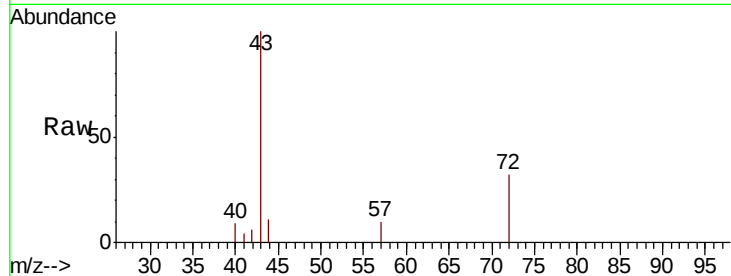




#37
Ethyl Acetate
Concen: 2.899 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. -0.08 min
Lab File: VN055708.D
Acq: 21 May 2019 14:41

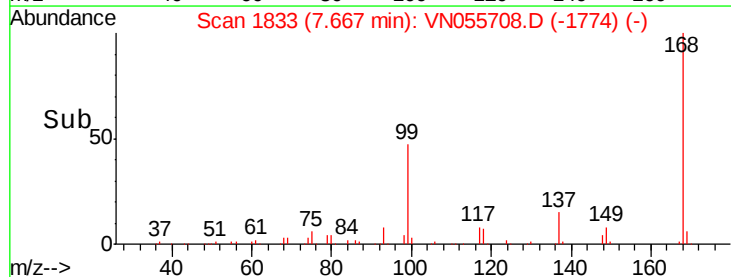
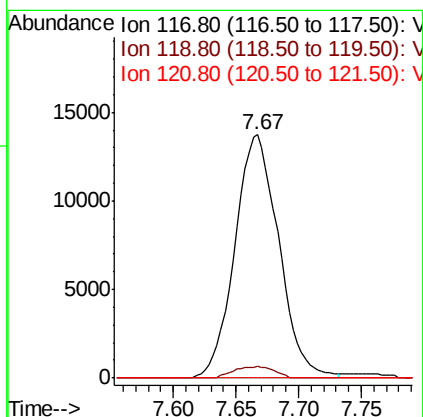
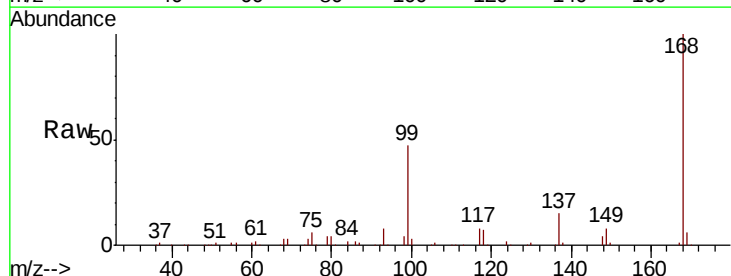
Instrument :
MSVOA_N
ClientSampleId :

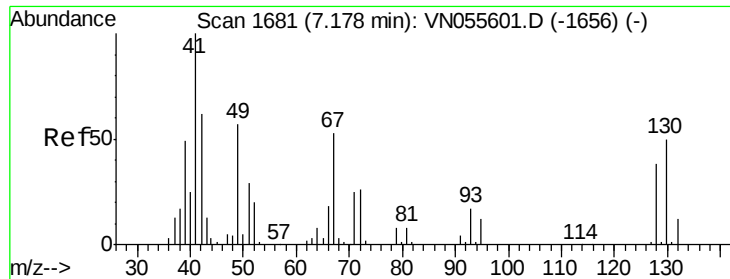
Tot Ion: 43 Resp: 14122
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.0#
70 0.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 5.801 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN055708.D
Acq: 21 May 2019 14:41

Tgt Ion: 117 Resp: 33461
Ion Ratio Lower Upper
117 100
119 4.7 77.8 116.8#
121 0.0 24.6 37.0#

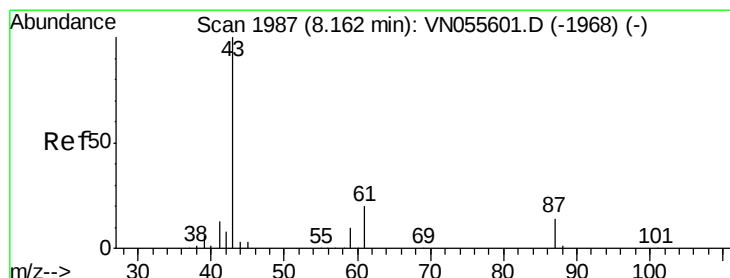
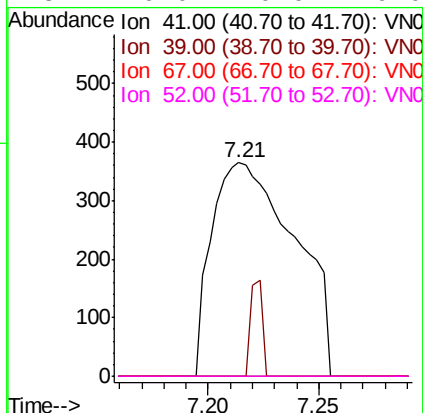
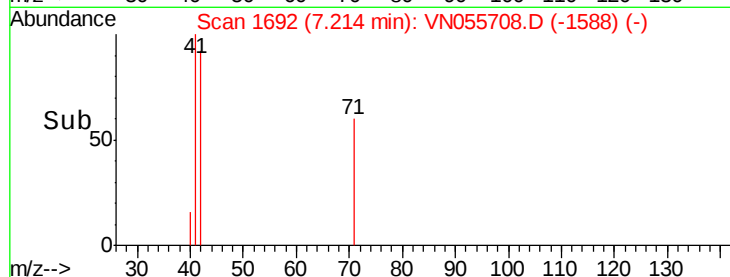
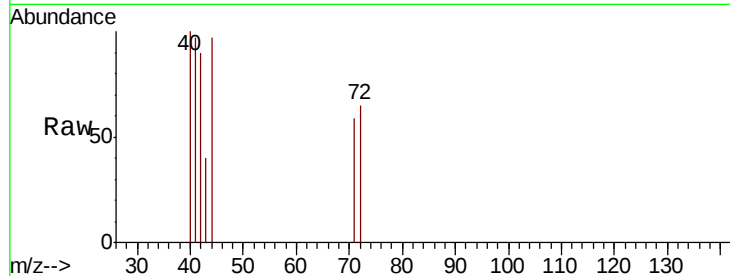




#41
Methacrylonitrile
Concen: 0.458 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.04 min
Lab File: VN055708.D
Acq: 21 May 2019 14:41

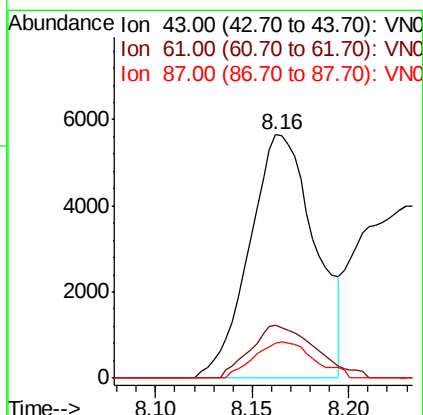
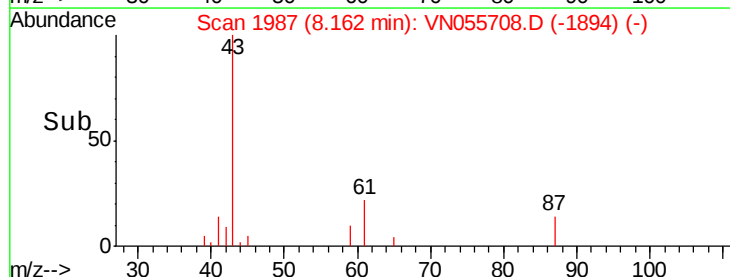
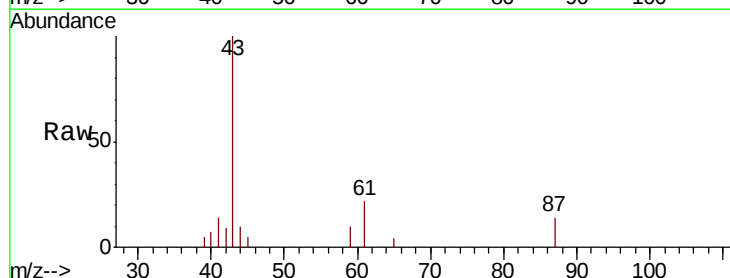
Instrument :
MSVOA_N
ClientSampled :

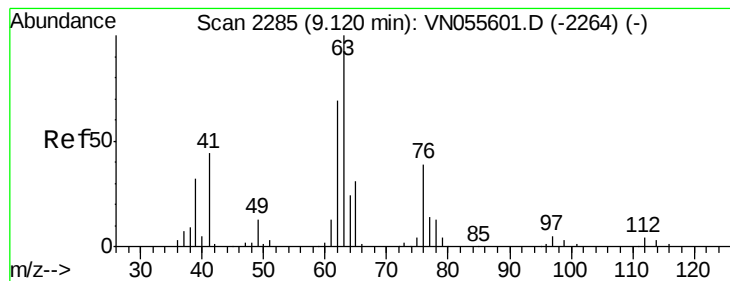
Tot Ion: 41 Resp: 953
Ion Ratio Lower Upper
41 100
39 6.5 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#43
Isopropyl Acetate
Concen: 1.572 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN055708.D
Acq: 21 May 2019 14:41

Tgt Ion: 43 Resp: 13322
Ion Ratio Lower Upper
43 100
61 21.6 22.1 33.1#
87 13.5 11.8 17.6





#45

1,2-Dichloropropane

Concen: 0.335 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN055708.D

Acq: 21 May 2019 14:41

Instrument :

MSVOA_N

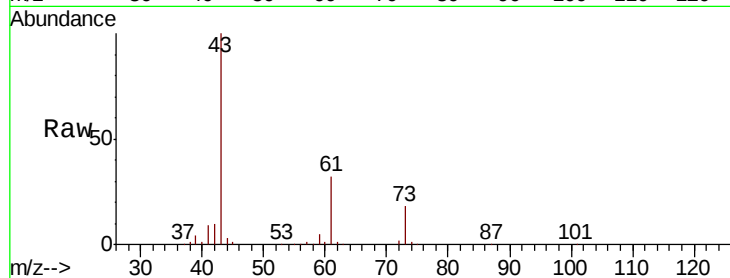
ClientSampleId :

Tot Ion: 63 Resp: 1400

Ion Ratio Lower Upper

63 100

65 0.0 25.2 37.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.27

800

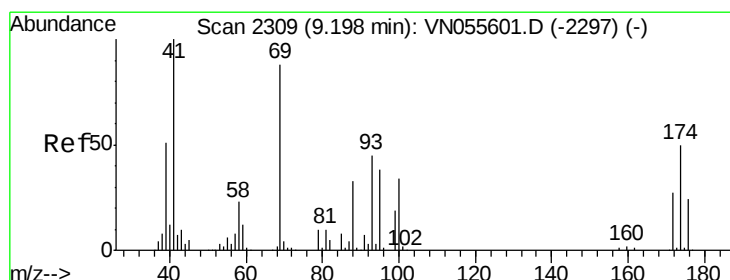
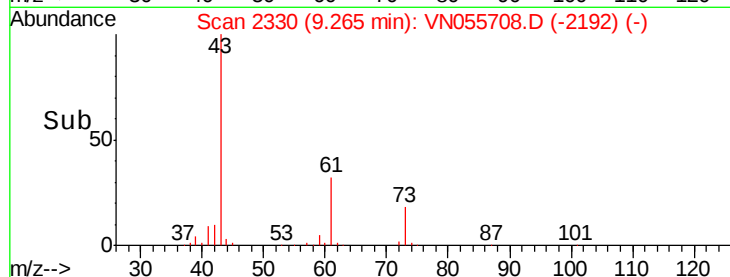
600

400

200

0

Time-->



#48

Methyl methacrylate

Concen: 2.171 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.02 min

Lab File: VN055708.D

Acq: 21 May 2019 14:41

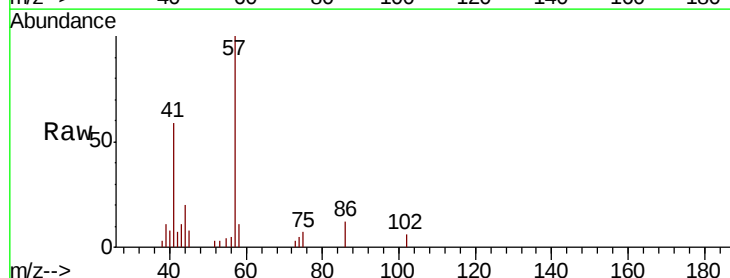
Tgt Ion: 41 Resp: 8220

Ion Ratio Lower Upper

41 100

69 0.0 74.2 111.2#

39 20.3 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

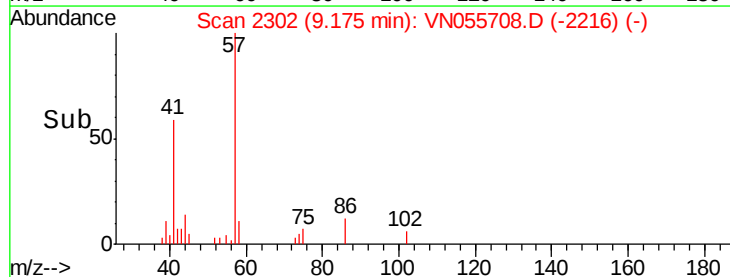
60000

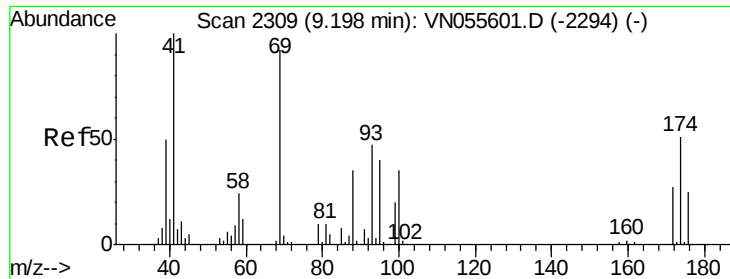
40000

20000

0

Time-->





#49

1,4-Dioxane

Concen: 0.399 ug/l

RT: 9.27 min Scan# 2333

Delta R.T. 0.08 min

Lab File: VN055708.D

Acq: 21 May 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

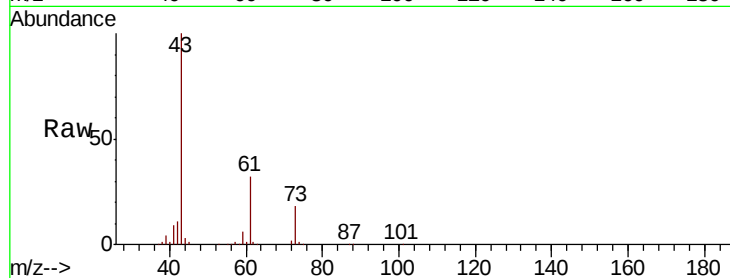
Tot Ion: 88 Resp: 30

Ion Ratio Lower Upper

88 100

43 3709583.3 22.4 33.6#

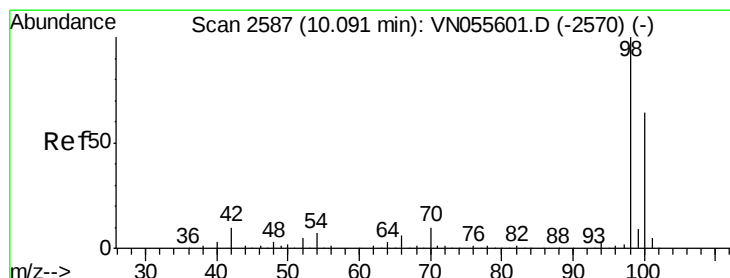
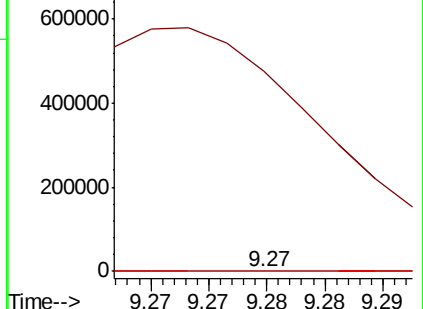
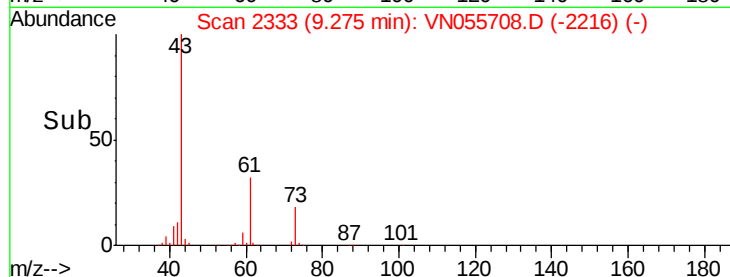
58 14640.0 53.4 80.2#



Abundance Ion 88.00 (87.70 to 88.70): VN055708.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN055708.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN055708.D (-2216) (-)



#50

Toluene-d8

Concen: 48.024 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055708.D

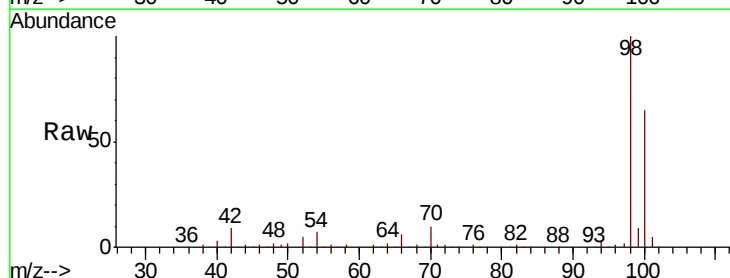
Acq: 21 May 2019 14:41

Tgt Ion: 98 Resp: 698355

Ion Ratio Lower Upper

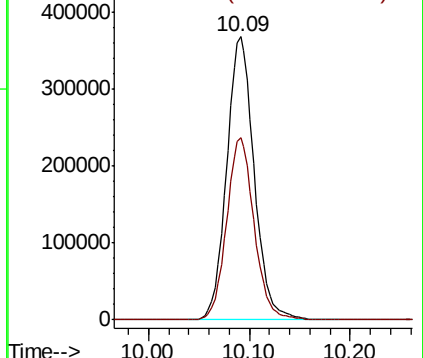
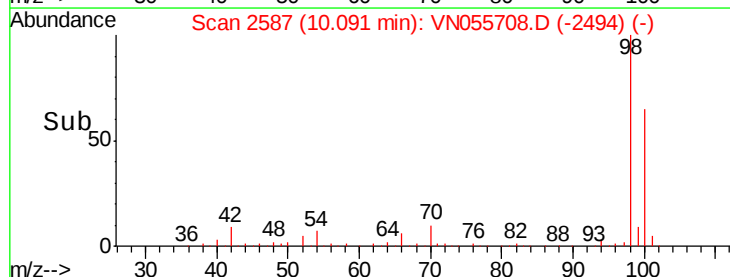
98 100

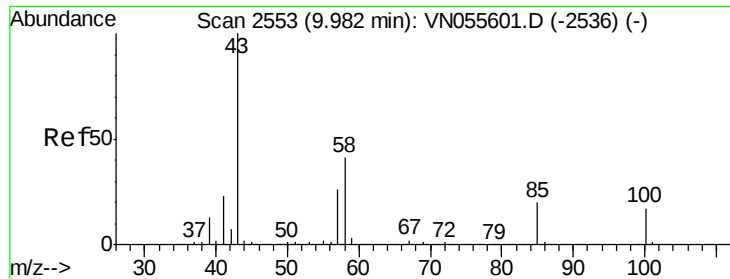
100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055708.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055708.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 0.700 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055708.D

Acq: 21 May 2019 14:41

Instrument :

MSVOA_N

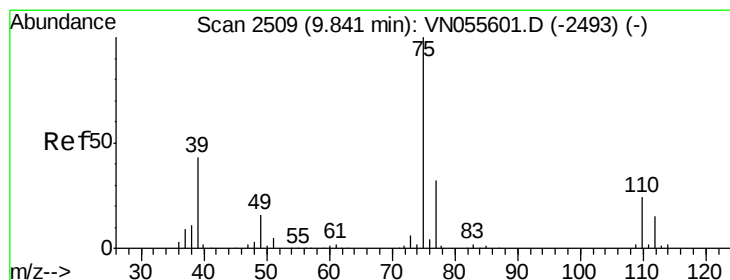
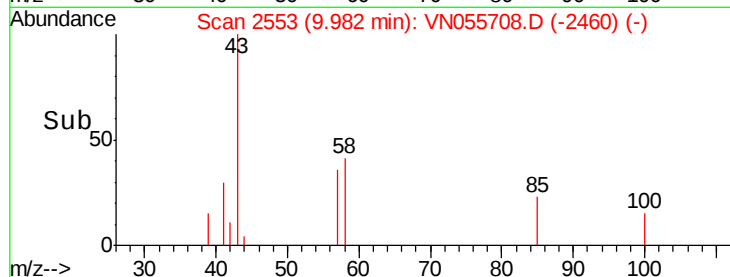
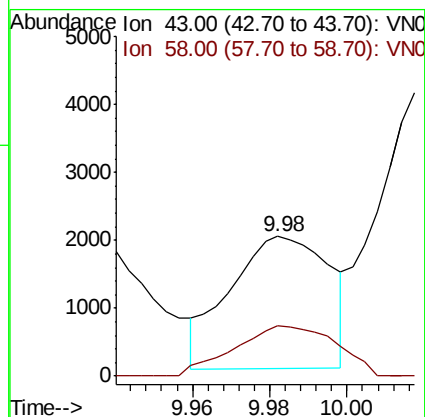
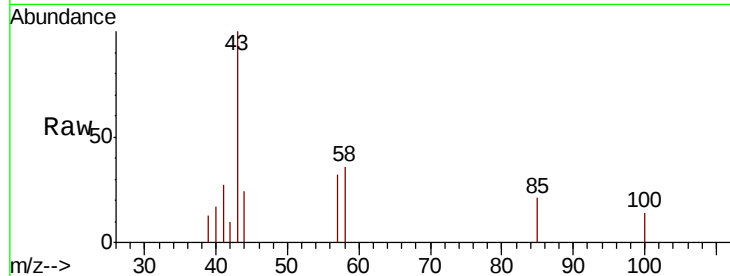
ClientSampled :

Tot Ion: 43 Resp: 3479

Ion Ratio Lower Upper

43 100

58 38.9 32.7 49.1



#54

cis-1,3-Dichloropropene

Concen: 8.155 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.06 min

Lab File: VN055708.D

Acq: 21 May 2019 14:41

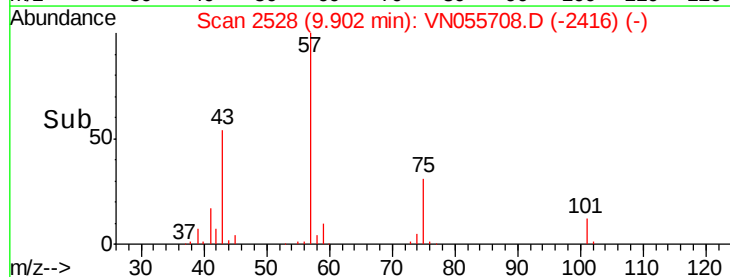
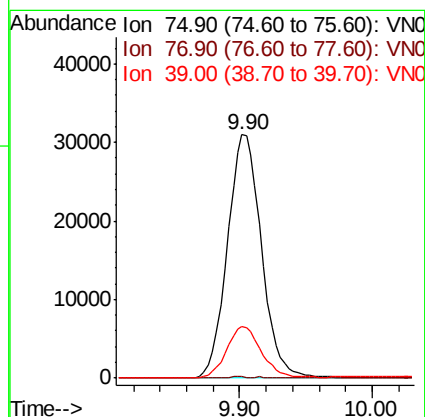
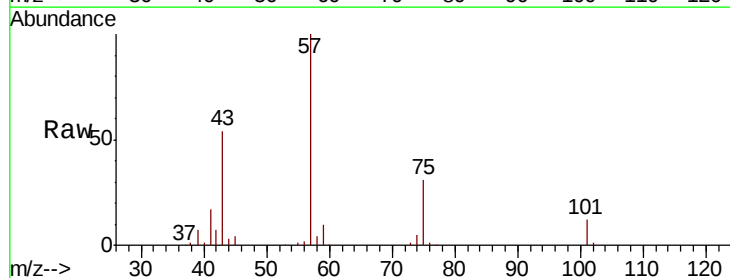
Tgt Ion: 75 Resp: 55164

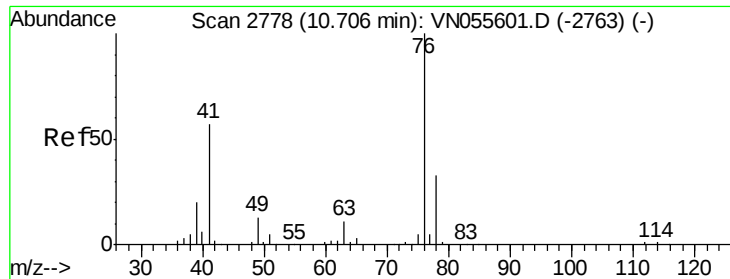
Ion Ratio Lower Upper

75 100

77 0.5 25.7 38.5#

39 21.3 34.7 52.1#

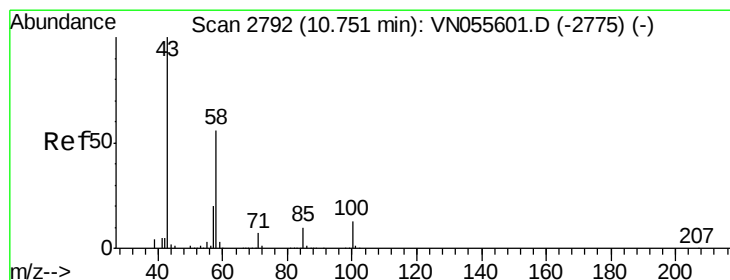
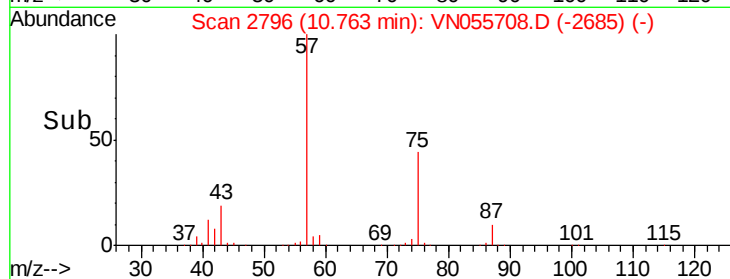
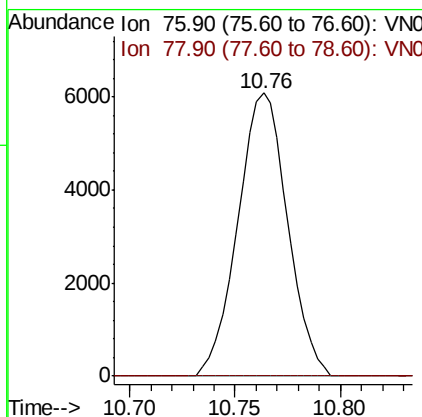
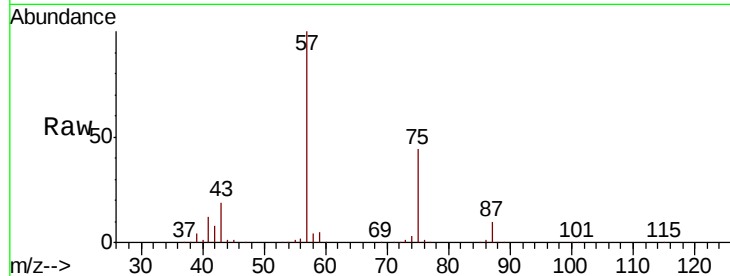




#57
 1,3-Dichloropropane
 Concen: 1.530 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055708.D
 Acq: 21 May 2019 14:41

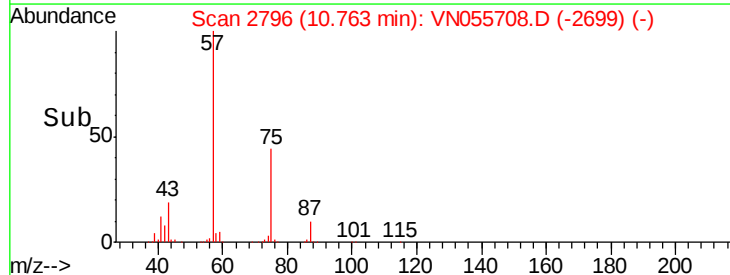
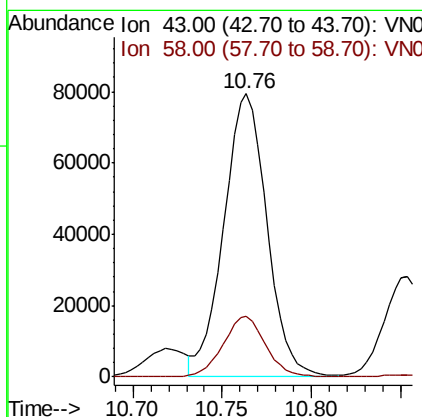
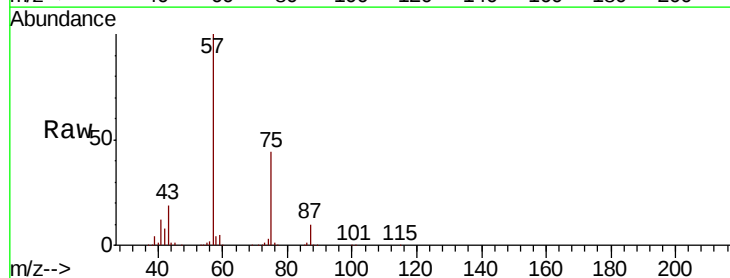
Instrument :
 MSVOA_N
 ClientSampled :

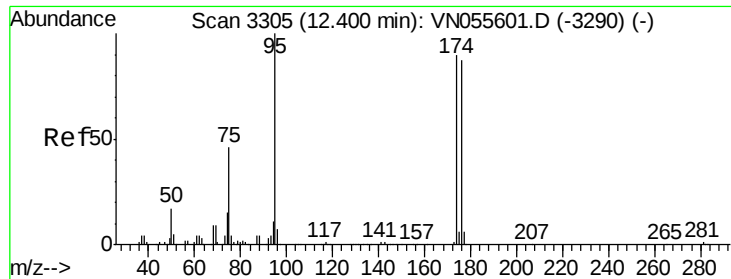
Tot Ion: 76 Resp: 9935
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.5 39.7#



#59
 2-Hexanone
 Concen: 37.958 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN055708.D
 Acq: 21 May 2019 14:41

Tgt Ion: 43 Resp: 132817
 Ion Ratio Lower Upper
 43 100
 58 21.0 28.1 84.4#

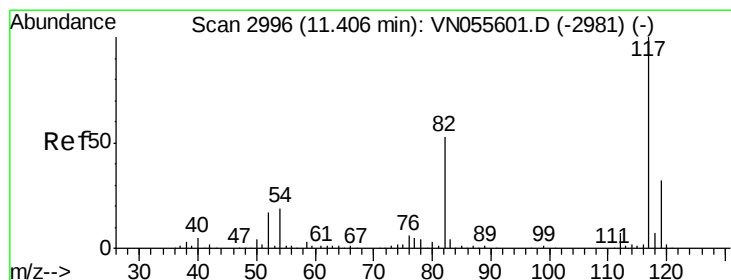
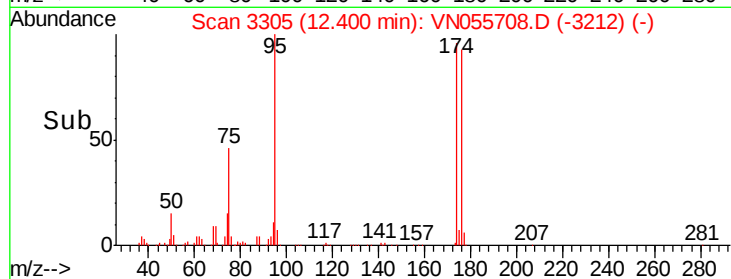
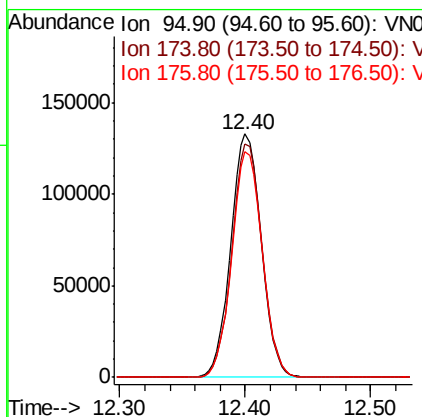
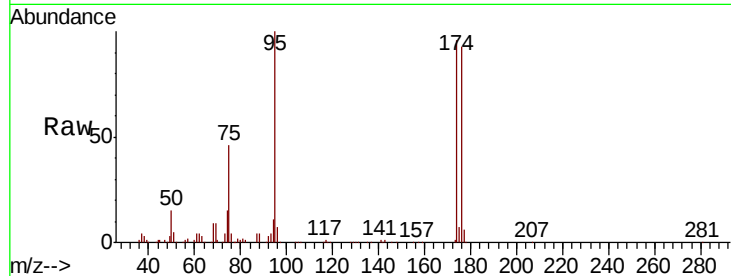




#62
4-Bromofluorobenzene
Concen: 44.727 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055708.D
Acq: 21 May 2019 14:41

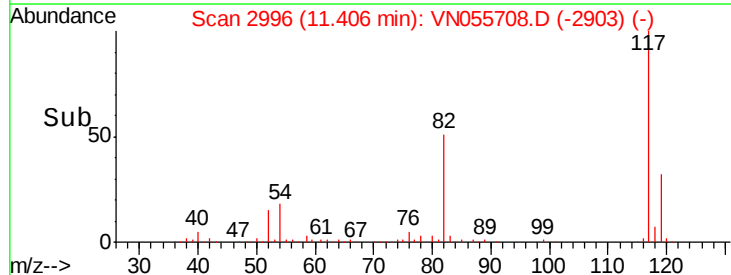
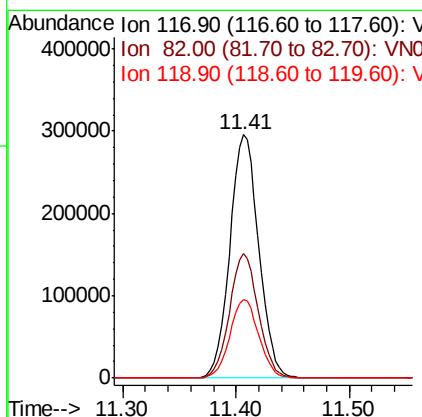
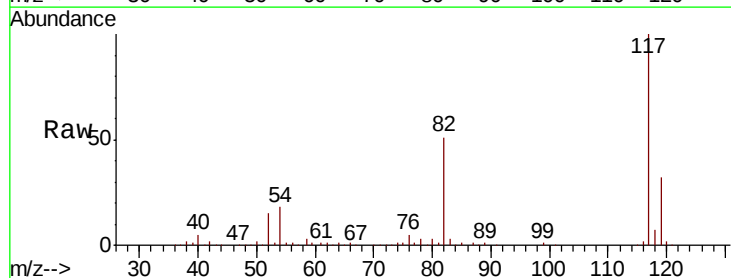
Instrument :
MSVOA_N
ClientSampleId :

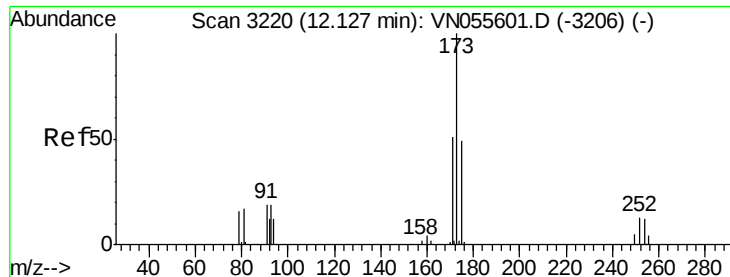
Tot Ion: 95 Resp: 224598
Ion Ratio Lower Upper
95 100
174 95.2 0.0 180.6
176 92.3 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055708.D
Acq: 21 May 2019 14:41

Tgt Ion: 117 Resp: 524739
Ion Ratio Lower Upper
117 100
82 50.9 42.3 63.5
119 32.3 25.4 38.2





#71

Bromoform

Concen: 0.424 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055708.D

Acq: 21 May 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

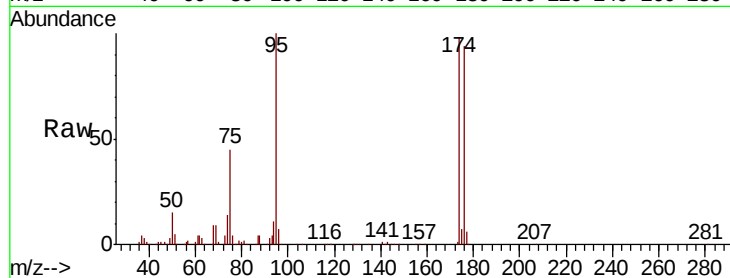
Tot Ion:173 Resp: 1535

Ion Ratio Lower Upper

173 100

175 872.6 24.3 72.9#

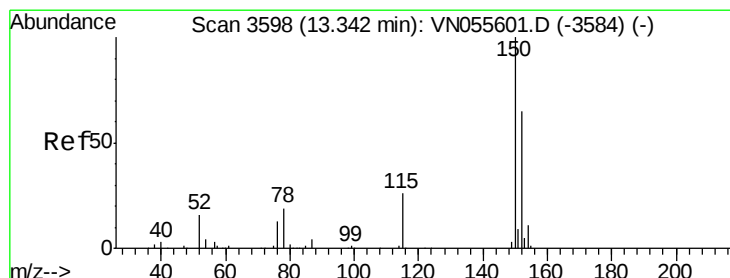
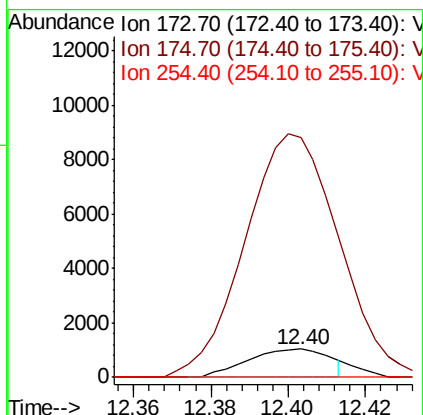
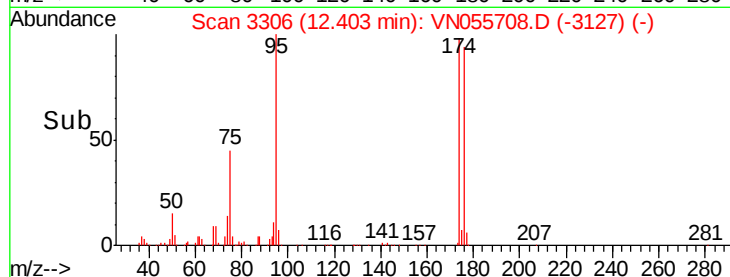
254 0.0 0.1 0.1#



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: VN055708.D

Acq: 21 May 2019 14:41

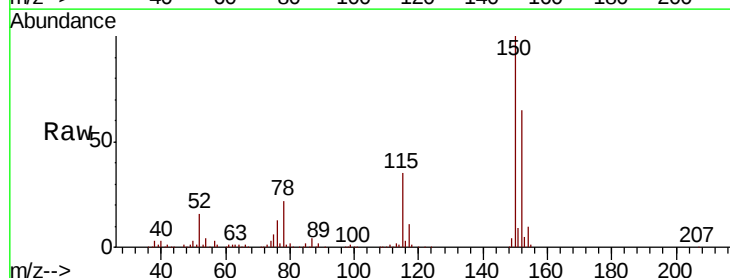
Tgt Ion:152 Resp: 195221

Ion Ratio Lower Upper

152 100

115 54.0 28.1 84.2

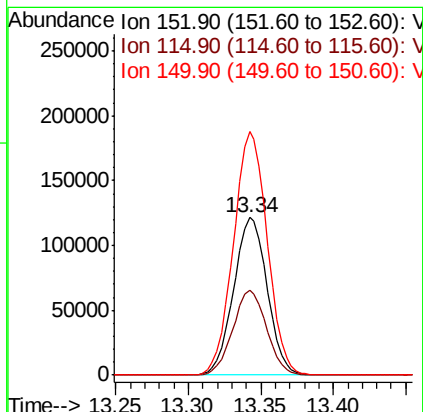
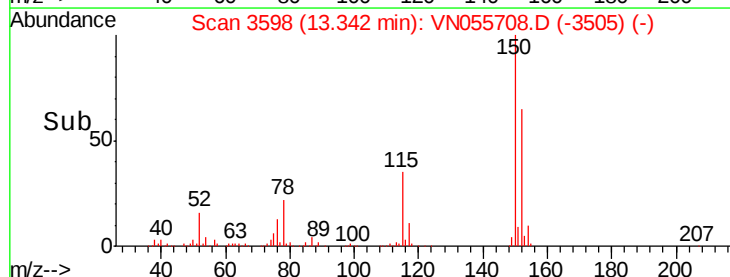
150 155.5 0.0 348.0

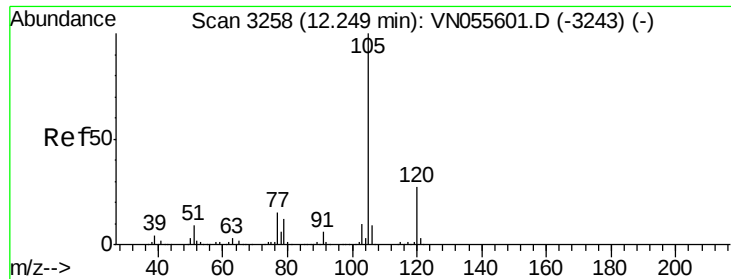


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.26 min Scan# 3260

Delta R.T. 0.01 min

Lab File: VN055708.D

Acq: 21 May 2019 14:41

Instrument :

MSVOA_N

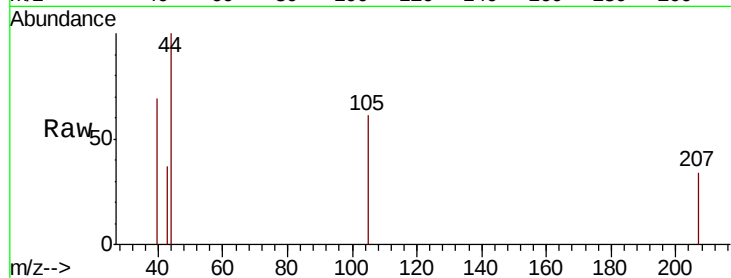
ClientSampled :

Tot Ion: 105 Resp: 288

Ion Ratio Lower Upper

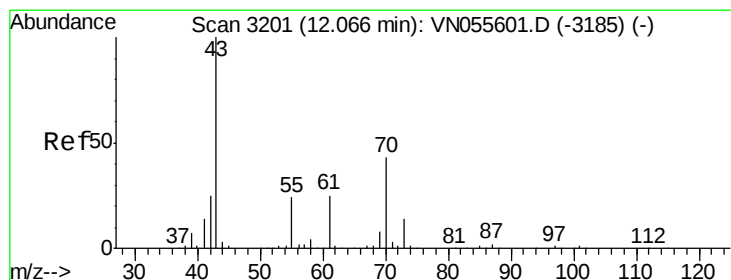
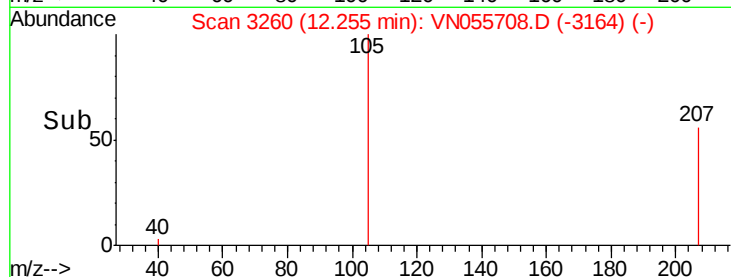
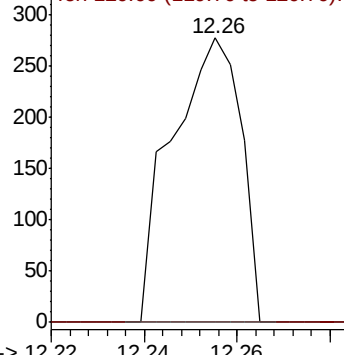
105 100

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



#74

N-ethyl acetate

Concen: 0.308 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN055708.D

Acq: 21 May 2019 14:41

Tgt Ion: 43 Resp: 1691

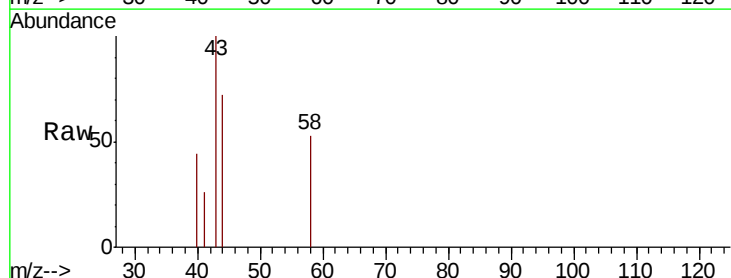
Ion Ratio Lower Upper

43 100

70 0.0 35.0 52.6#

55 0.0 18.9 28.3#

61 0.0 20.1 30.1#

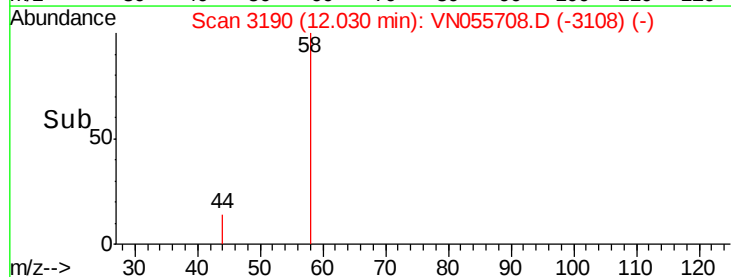
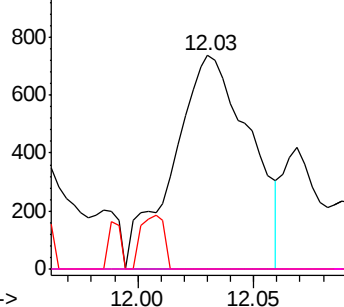


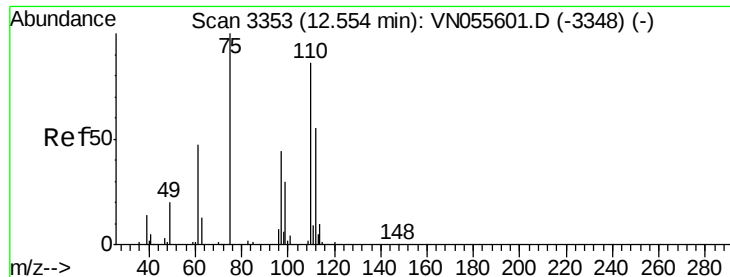
Abundance Ion 43.00 (42.70 to 43.70): V

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





#76

1,2,3-Trichloropropane

Concen: 25.522 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055708.D

Acq: 21 May 2019 14:41

Instrument :

MSVOA_N

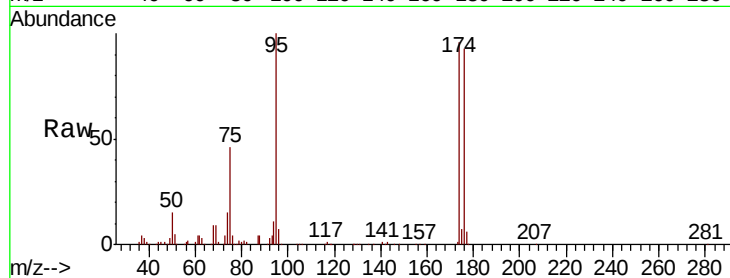
ClientSampleId :

Tot Ion: 75 Resp: 101667

Ion Ratio Lower Upper

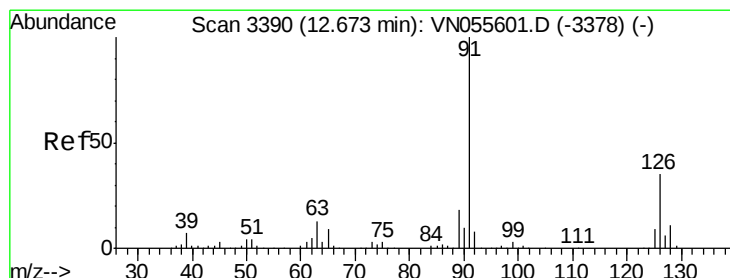
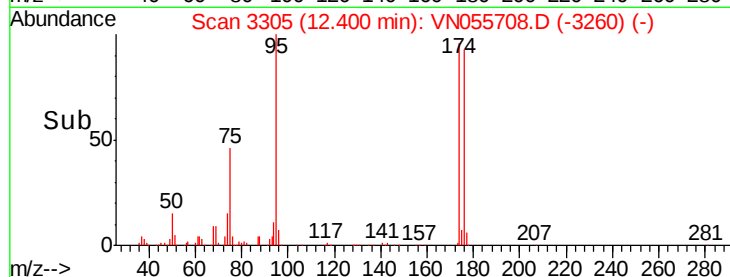
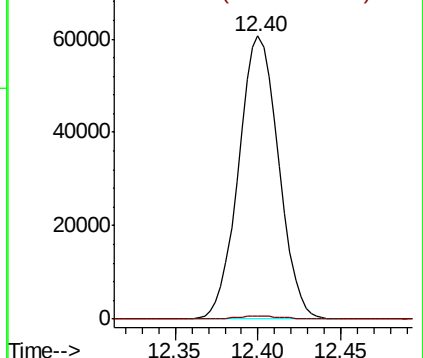
75 100

77 1.1 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: VN055708.D

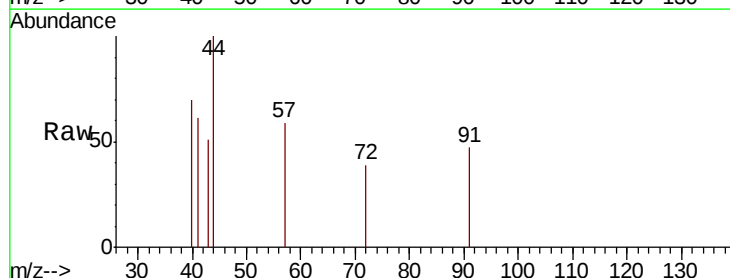
Acq: 21 May 2019 14:41

Tgt Ion: 91 Resp: 343

Ion Ratio Lower Upper

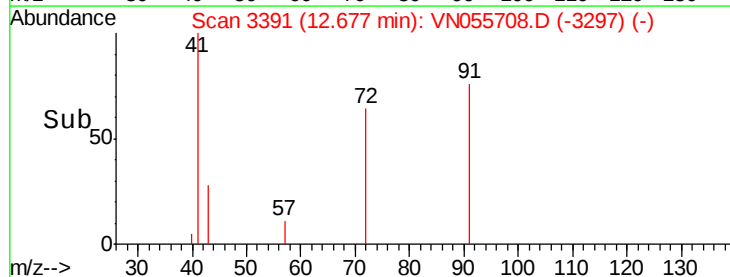
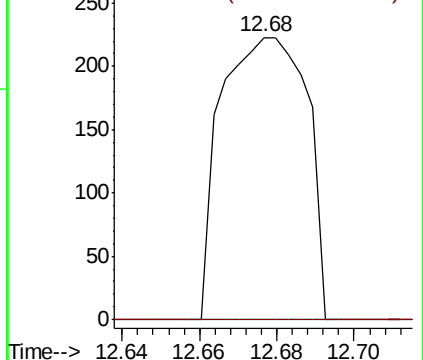
91 100

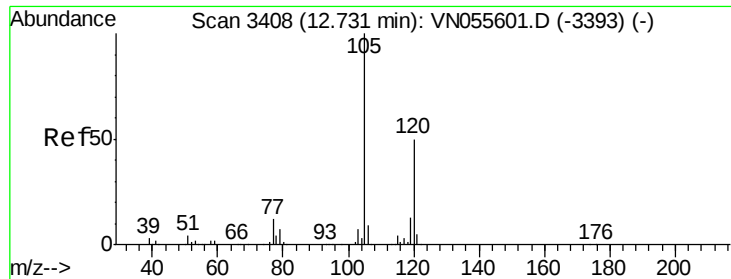
126 0.0 17.8 53.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

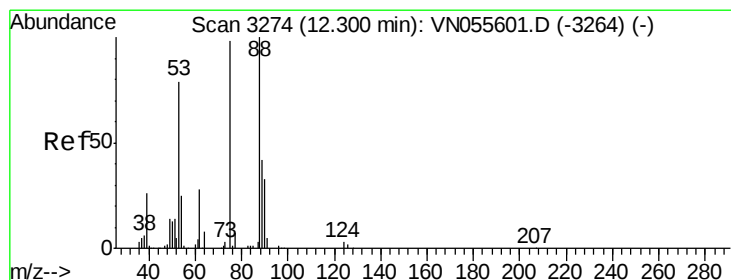
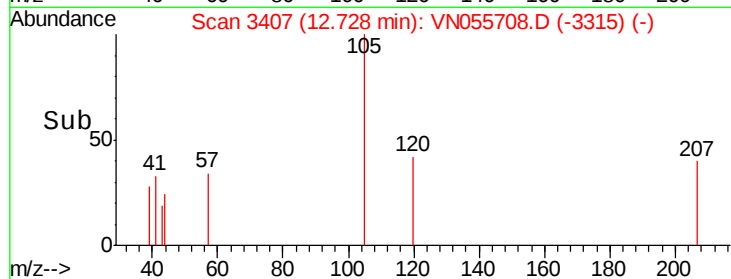
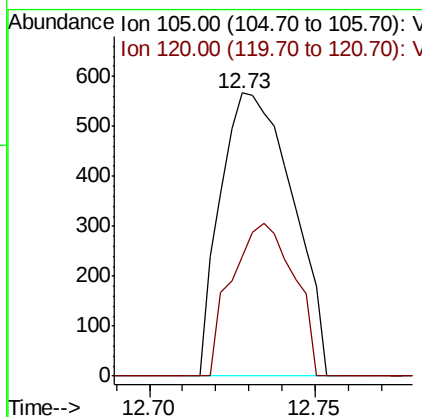
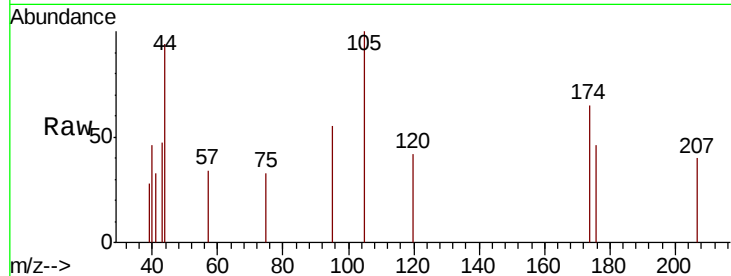




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN055708.D
 Acq: 21 May 2019 14:41

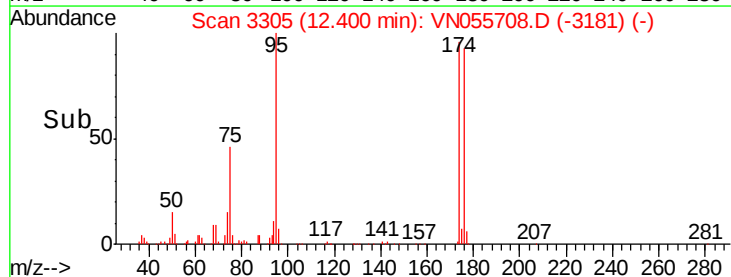
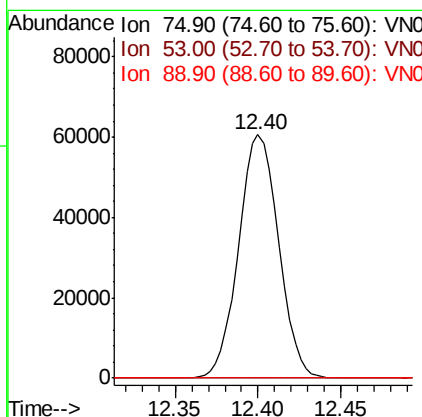
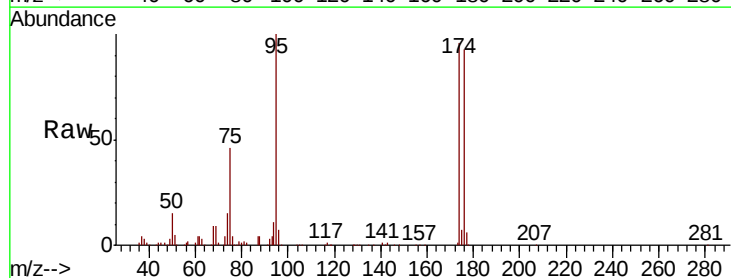
Instrument :
 MSVOA_N
 ClientSampleId :

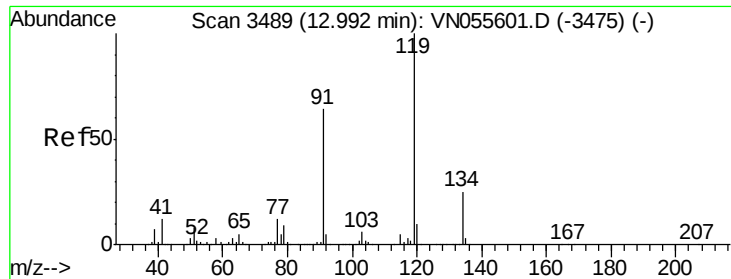
Tot Ion: 105 Resp: 857
 Ion Ratio Lower Upper
 105 100
 120 46.6 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.606 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055708.D
 Acq: 21 May 2019 14:41

Tgt Ion: 75 Resp: 101667
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.1 97.7#
 89 0.0 36.4 54.6#

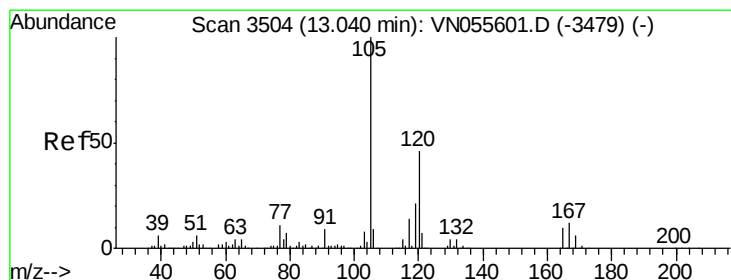
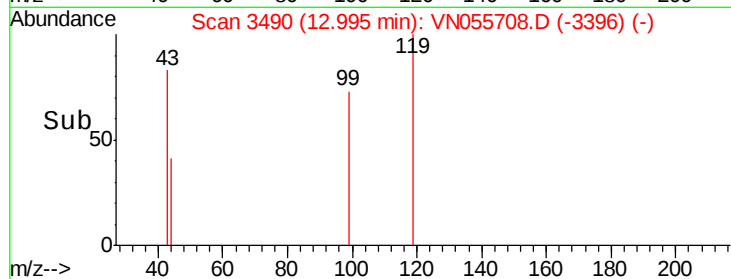
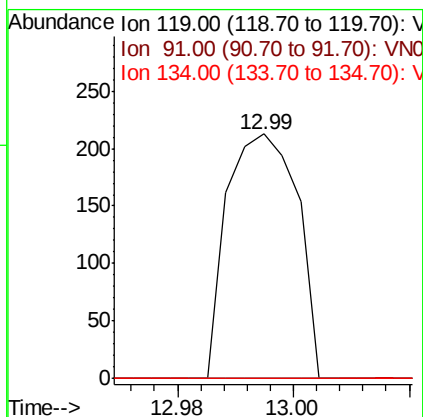
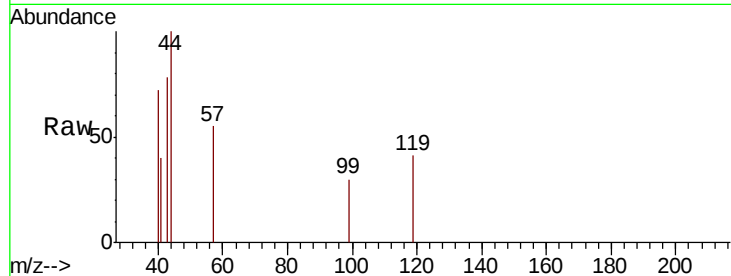




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN055708.D
 Acq: 21 May 2019 14:41

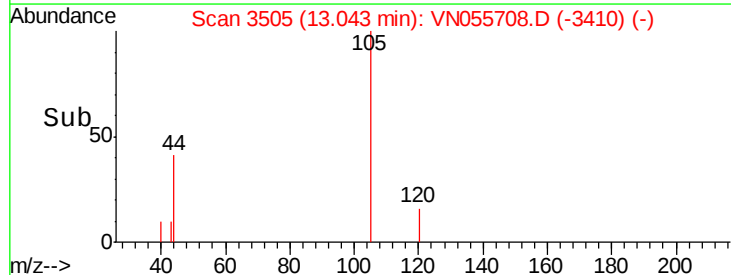
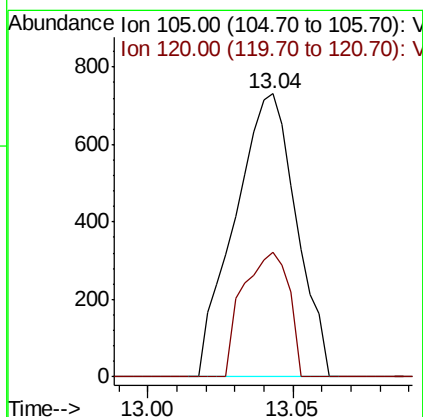
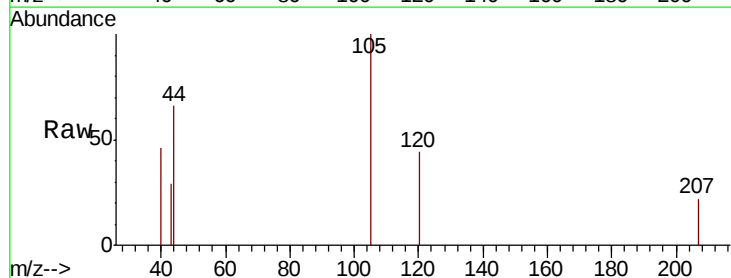
Instrument :
 MSVOA_N
 ClientSampled :

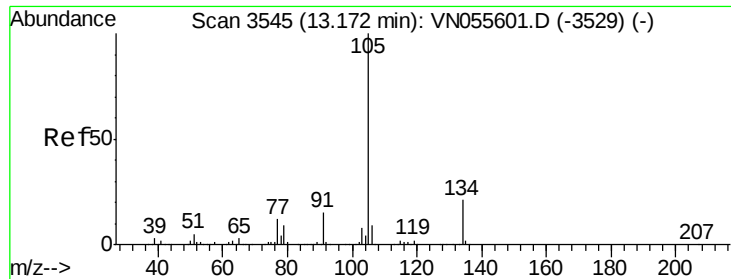
Tot Ion	Ratio	Lower	Upper
119	100		
91	0.0	31.3	93.8#
134	0.0	13.2	39.6#



#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN055708.D
 Acq: 21 May 2019 14:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	32.9	23.1	69.2





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055708.D

Acq: 21 May 2019 14:41

Instrument :

MSVOA_N

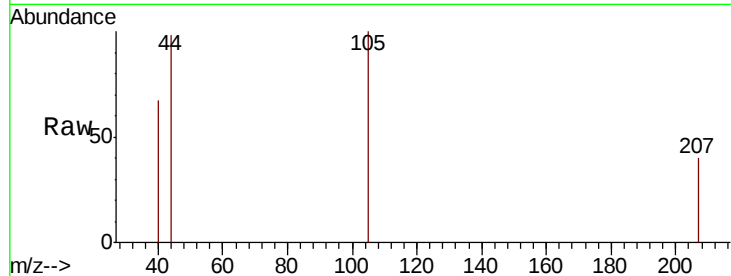
ClientSampled :

Tot Ion:105 Resp: 693

Ion Ratio Lower Upper

105 100

134 0.0 10.3 30.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

500

400

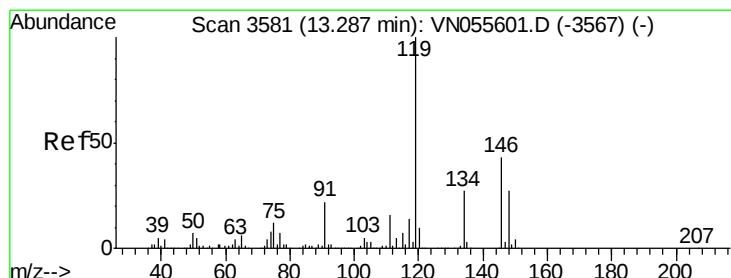
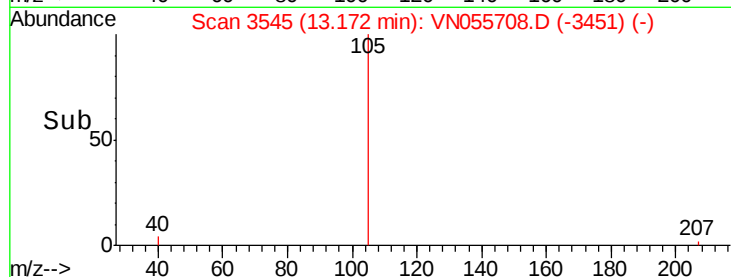
300

200

100

0

Time-->



#86

p-Isopropyltoluene

Concen: Below Cal

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN055708.D

Acq: 21 May 2019 14:41

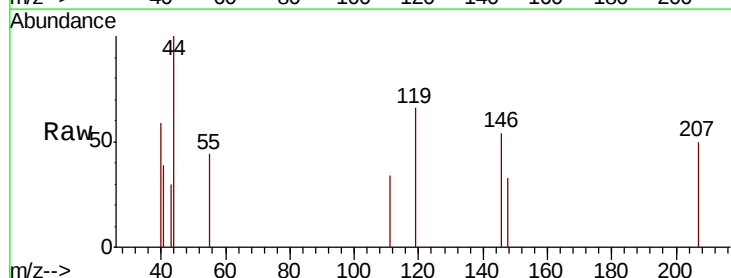
Tgt Ion:119 Resp: 629

Ion Ratio Lower Upper

119 100

134 9.9 13.4 40.2#

91 9.4 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

13.28

500

400

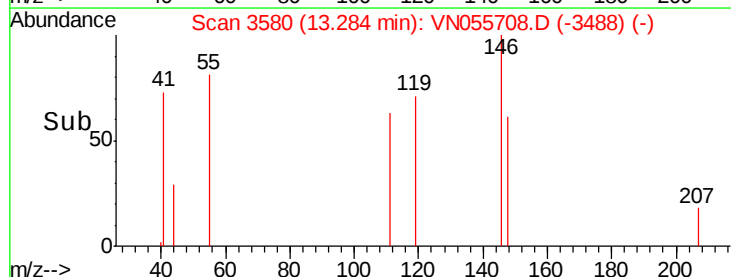
300

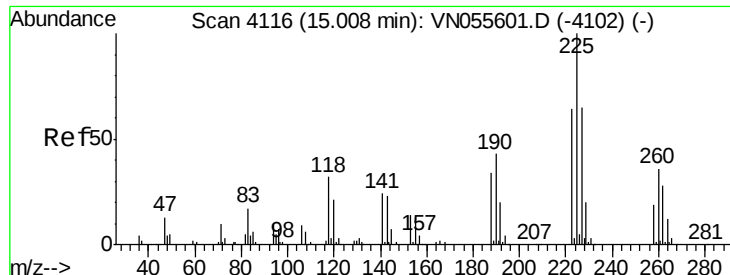
200

100

0

Time-->





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN055708.D

Acq: 21 May 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

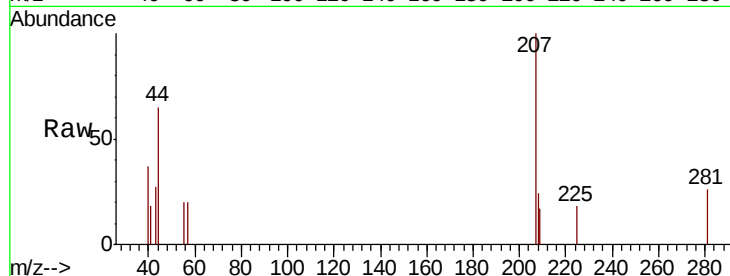
Tot Ion:225 Resp: 159

Ion Ratio Lower Upper

225 100

223 0.0 31.6 94.7#

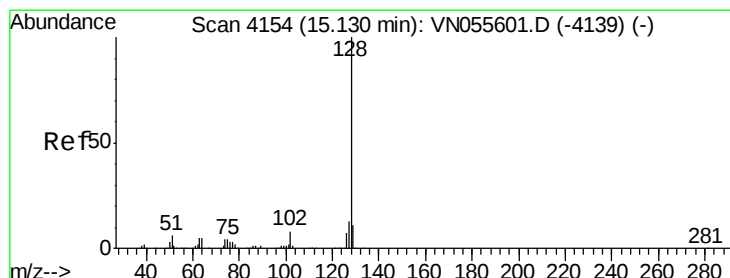
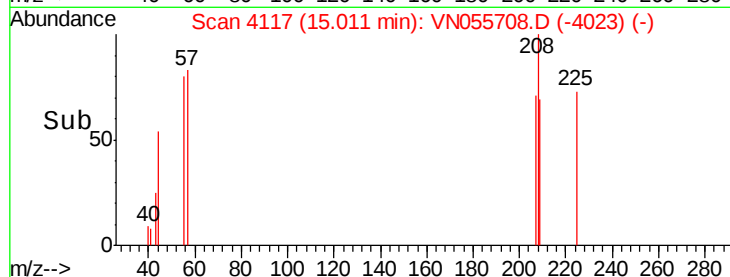
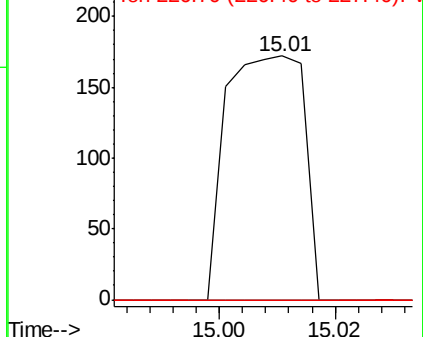
227 0.0 32.4 97.0#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 1.904 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055708.D

Acq: 21 May 2019 14:41

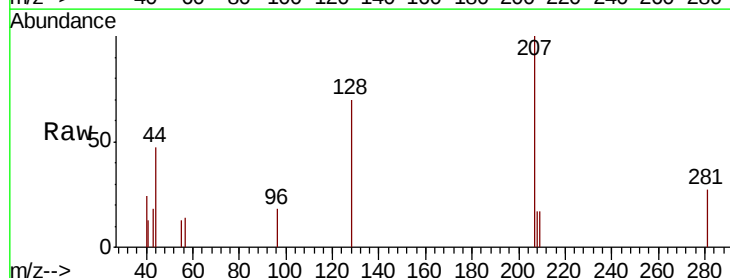
Tgt Ion:128 Resp: 1469

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

