

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053019\
 Data File : VN055894.D
 Acq On : 30 May 2019 12:33
 Operator : JC/SP
 Sample : K2648-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 30 17:14:16 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	390901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	591913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	555571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	185109	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	201717	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
35) Dibromofluoromethane	7.59	113	175328	46.85	ug/l	0.00
Spiked Amount			Recovery	=	93.70%	
50) Toluene-d8	10.09	98	714022	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	12.40	95	231551	47.04	ug/l	0.00
Spiked Amount			Recovery	=	94.08%	

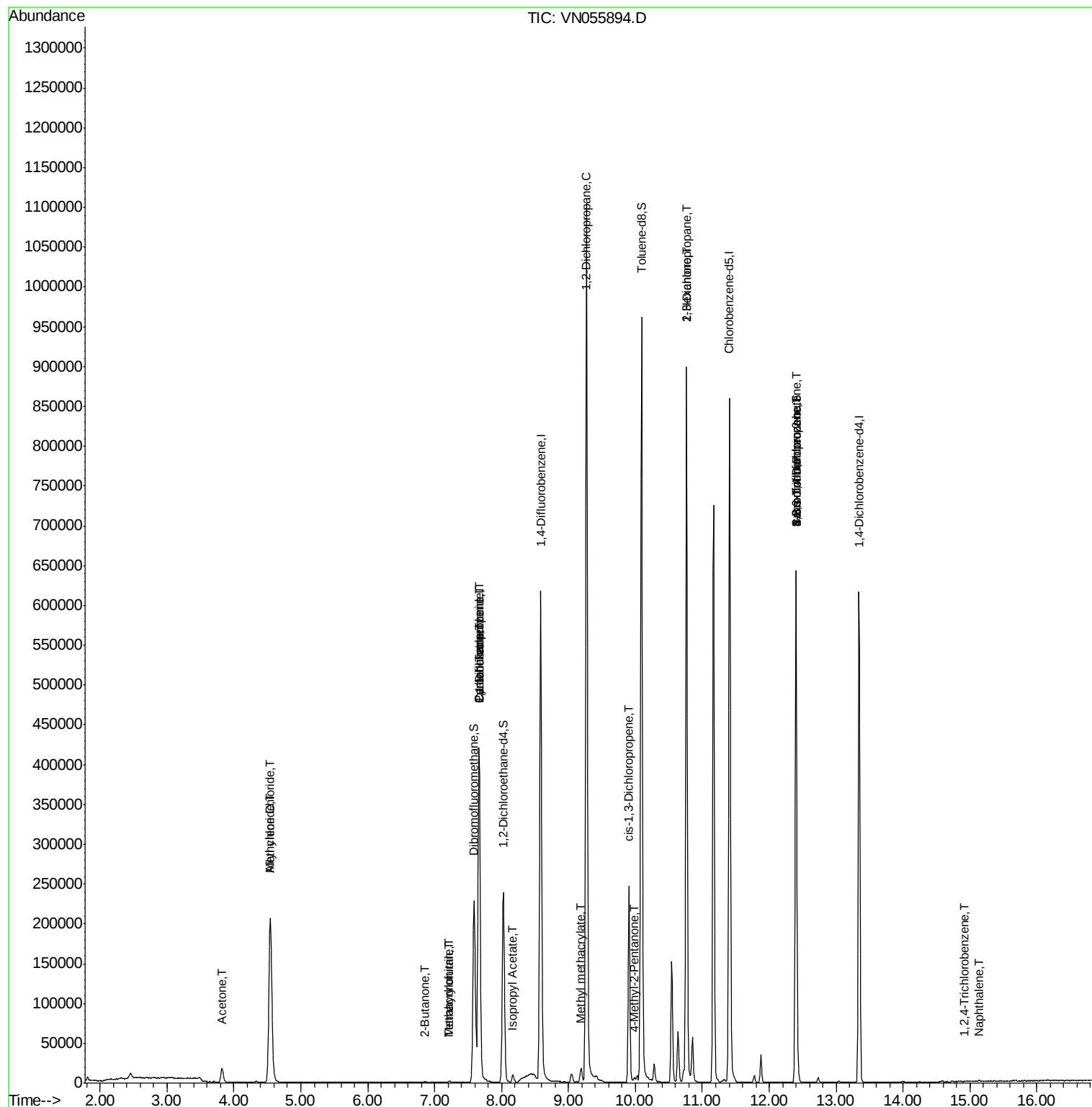
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.54	41	6091	1.069	ug/l #	26
16) Acetone	3.82	43	29929	16.866	ug/l	100
18) Methyl Acetate	4.33	43	1322	Below Cal		91
20) Methylene Chloride	4.54	84	169037	43.985	ug/l	99
25) 2-Butanone	6.85	43	2416	0.975	ug/l	92
29) Tetrahydrofuran	7.21	42	1827	1.164	ug/l #	70
31) Cyclohexane	7.67	56	5783	0.954	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	24252	4.702	ug/l #	47
38) Carbon Tetrachloride	7.66	117	32923	6.127	ug/l #	15
41) Methacrylonitrile	7.22	41	939	0.373	ug/l #	30
43) Isopropyl Acetate	8.17	43	12419	1.483	ug/l #	86
45) 1,2-Dichloropropane	9.27	63	1298	0.320	ug/l #	44
48) Methyl methacrylate	9.18	41	6608	1.712	ug/l #	12
51) 4-Methyl-2-Pentanone	9.99	43	4669	0.944	ug/l	88
54) cis-1,3-Dichloropropene	9.90	75	48316	7.501	ug/l #	59
57) 1,3-Dichloropropane	10.76	76	9486	1.490	ug/l #	42
59) 2-Hexanone	10.76	43	127573	36.350	ug/l #	50
71) Bromoform	12.40	173	1428	0.377	ug/l #	1
73) Isopropylbenzene	12.24	105	211	Below Cal	#	48
74) N-amyl acetate	12.05	43	446	Below Cal	#	43
76) 1,2,3-Trichloropropane	12.40	75	107806	32.735	ug/l #	100
79) 2-Chlorotoluene	12.68	91	60	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	3690	Below Cal		99
81) trans-1,4-Dichloro-2-buten	12.40	75	107806	78.360	ug/l #	15
83) tert-Butylbenzene	13.04	119	145	Below Cal	#	28
84) 1,2,4-Trimethylbenzene	13.04	105	1701	Below Cal		89
85) sec-Butylbenzene	13.18	105	307	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.91	180	63	3.653	ug/l #	48
95) Naphthalene	15.13	128	1971	0.230	ug/l #	69

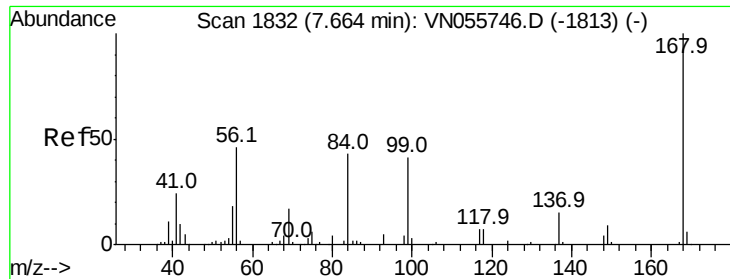
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN053019\
Data File : VN055894.D
Acq On : 30 May 2019 12:33
Operator : JC/SP
Sample : K2648-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 30 17:14:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
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: VN055894.D

Acq: 30 May 2019 12:33

Instrument :

MSVOA_N

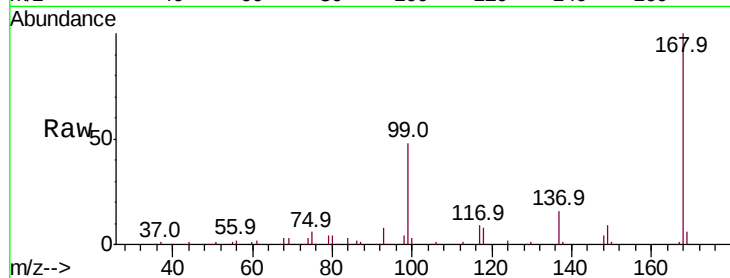
ClientSampleId :

Tot Ion:168 Resp: 390901

Ion Ratio Lower Upper

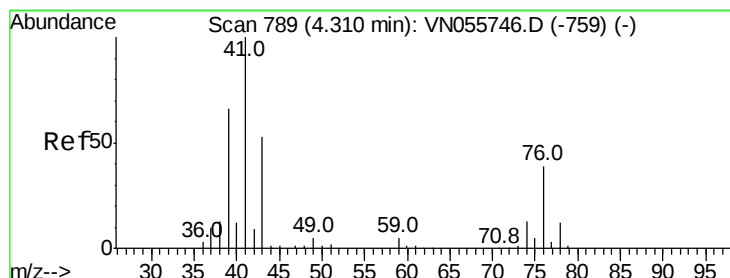
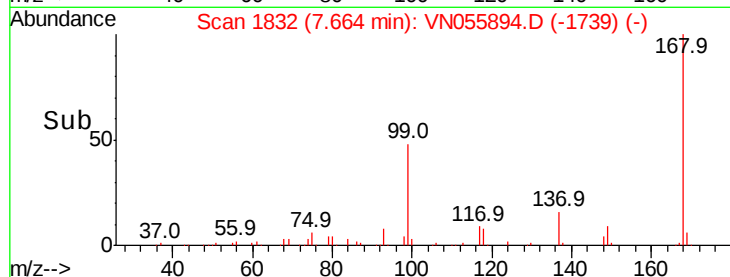
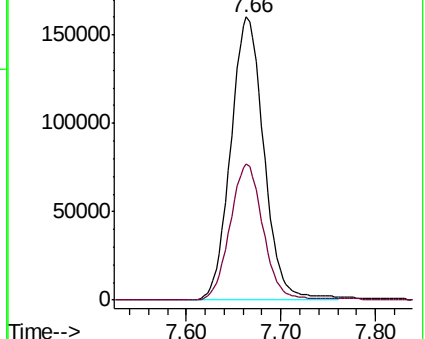
168 100

99 48.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#14

Allyl chloride

Concen: 1.069 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.23 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

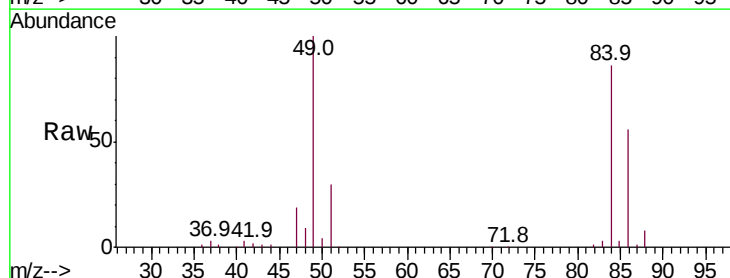
Tgt Ion: 41 Resp: 6091

Ion Ratio Lower Upper

41 100

39 0.0 50.0 75.0#

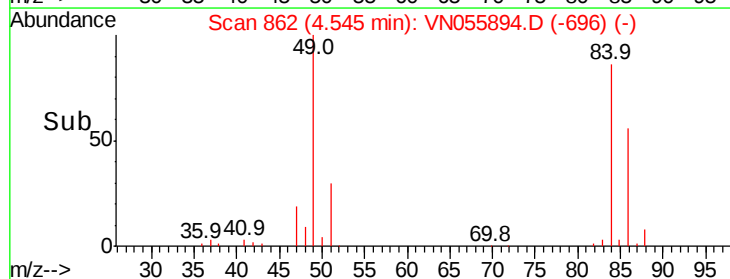
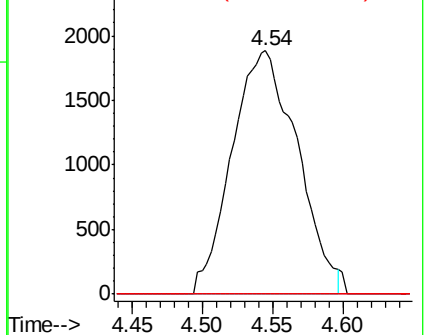
76 0.0 28.2 42.2#

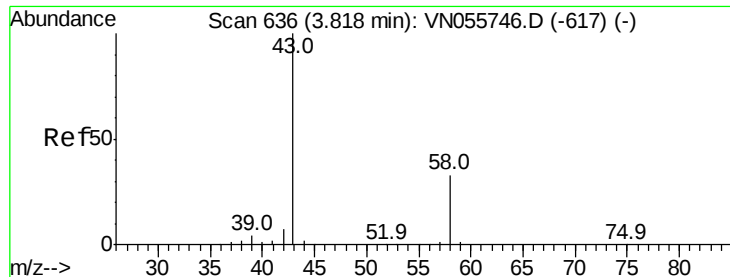


Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN





#16

Acetone

Concen: 16.866 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

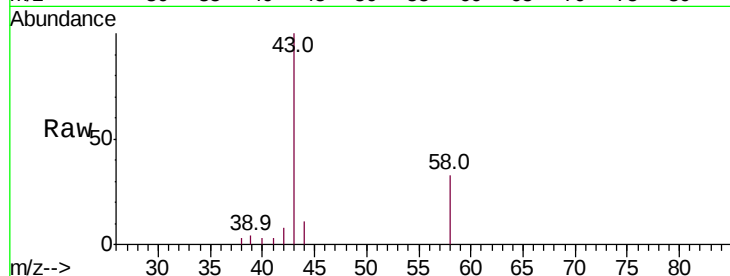
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 29929

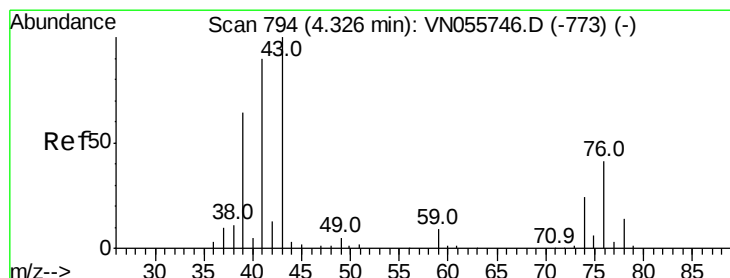
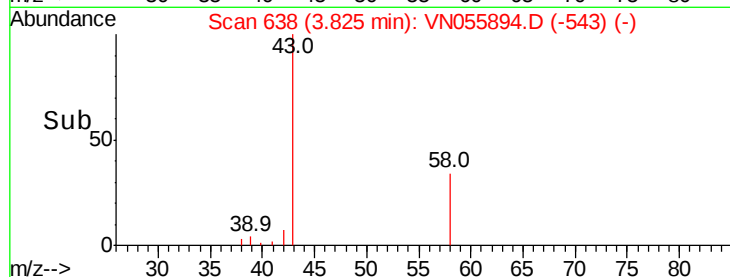
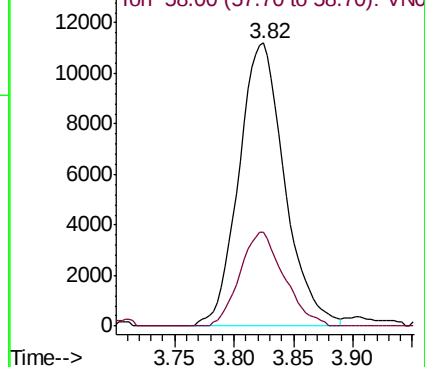
Ion Ratio Lower Upper

43 100

58 33.3 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055894.D (-543) (-)



#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055894.D

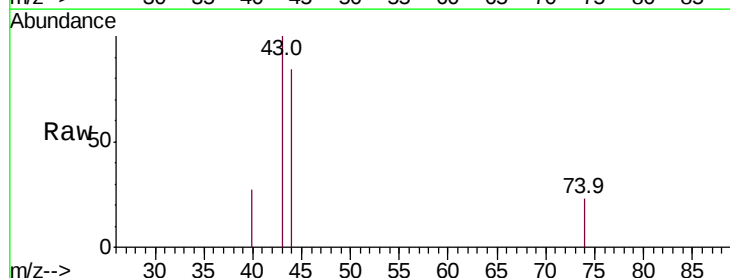
Acq: 30 May 2019 12:33

Tgt Ion: 43 Resp: 1322

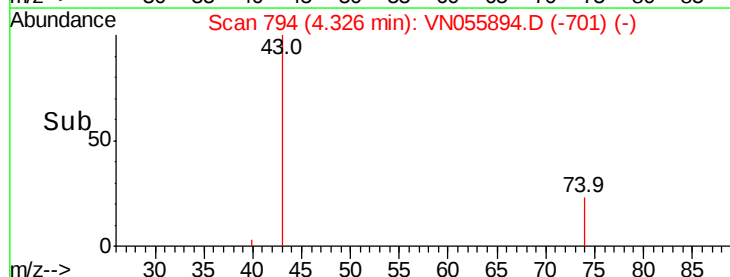
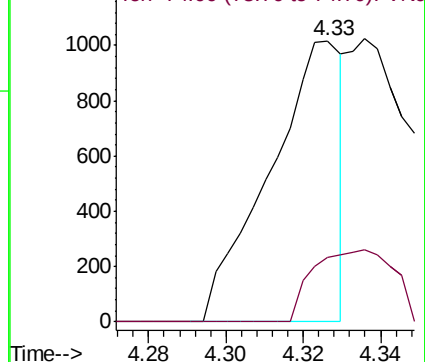
Ion Ratio Lower Upper

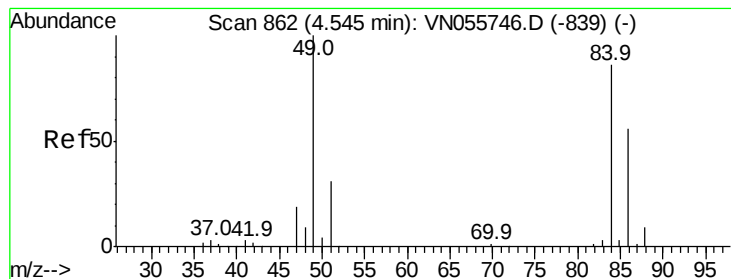
43 100

74 28.4 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN055894.D (-701) (-)





#20

Methvlene Chloride

Concen: 43.985 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 84 Resp: 169037

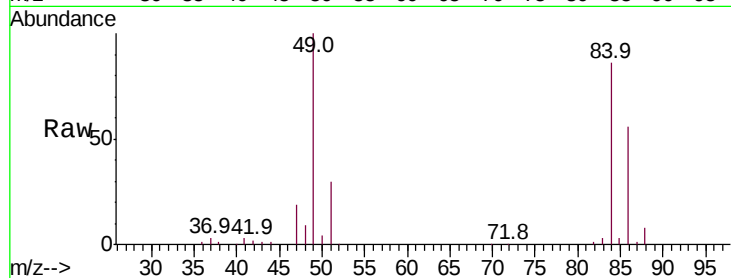
Ion Ratio Lower Upper

84 100

49 116.3 93.5 140.3

51 35.3 28.6 43.0

86 64.7 52.6 79.0

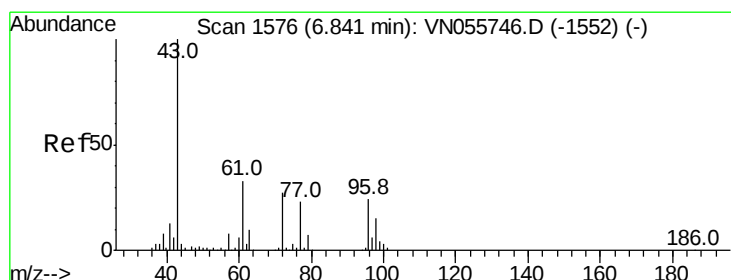
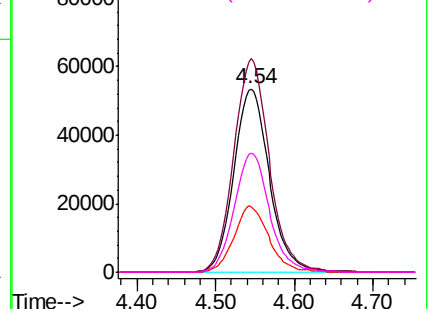
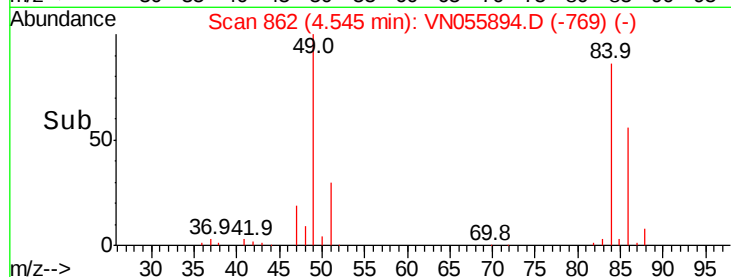


Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC



#25

2-Butanone

Concen: 0.975 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VN055894.D

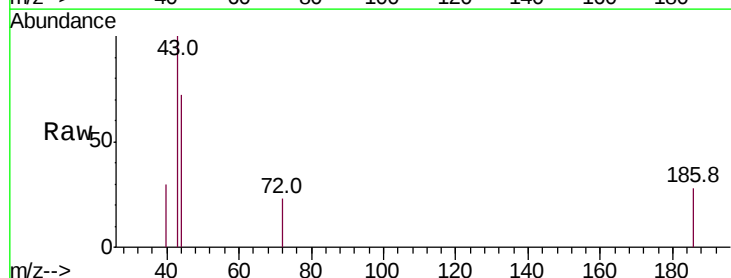
Acq: 30 May 2019 12:33

Tgt Ion: 43 Resp: 2416

Ion Ratio Lower Upper

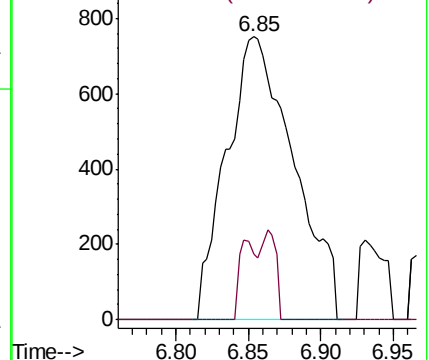
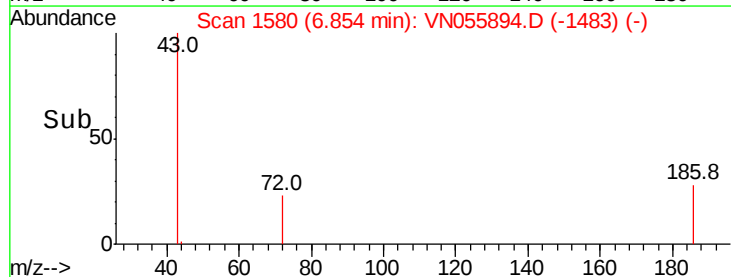
43 100

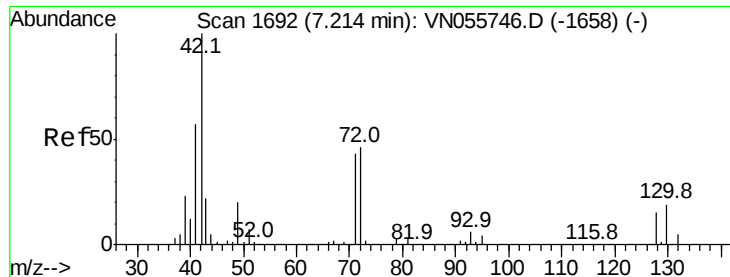
72 23.0 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 72.00 (71.70 to 72.70): VNC





#29

Tetrahydrofuran

Concen: 1.164 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

Instrument :

MSVOA_N

ClientSampleId :

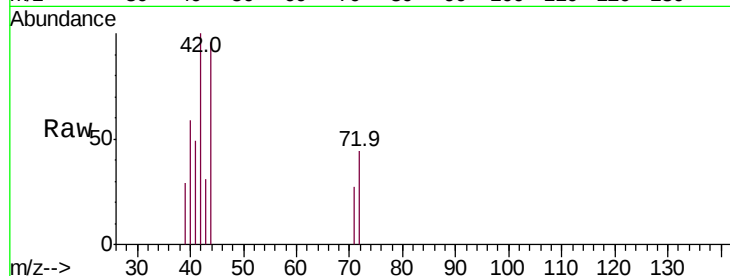
Tot Ion: 42 Resp: 1827

Ion Ratio Lower Upper

42 100

72 32.1 35.9 53.9#

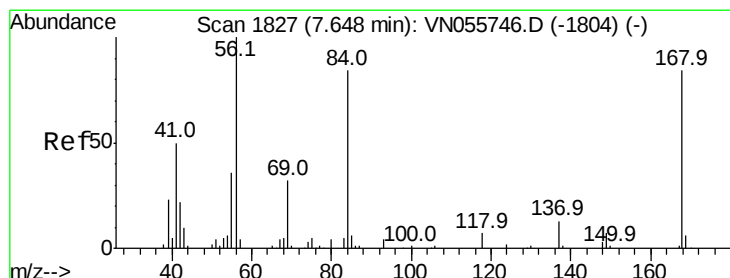
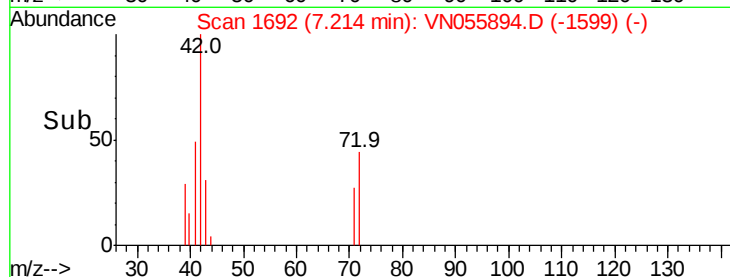
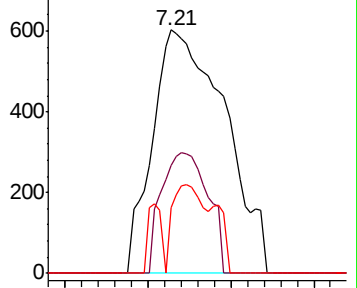
71 15.9 34.0 51.0#



Abundance Ion 42.00 (41.70 to 42.70): VN055746.D (-1658) (-)

Ion 72.00 (71.70 to 72.70): VN055746.D (-1658) (-)

Ion 71.00 (70.70 to 71.70): VN055746.D (-1658) (-)



#31

Cyclohexane

Concen: 0.954 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

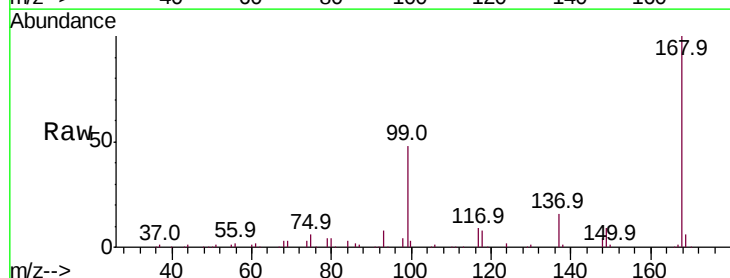
Tgt Ion: 56 Resp: 5783

Ion Ratio Lower Upper

56 100

69 185.0 25.6 38.4#

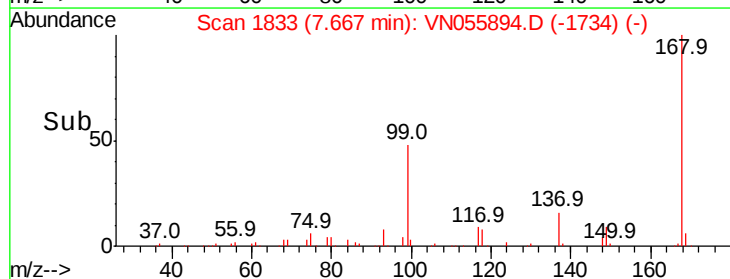
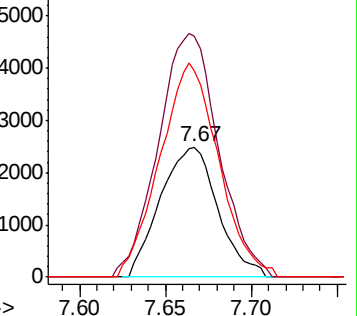
84 151.5 67.4 101.0#

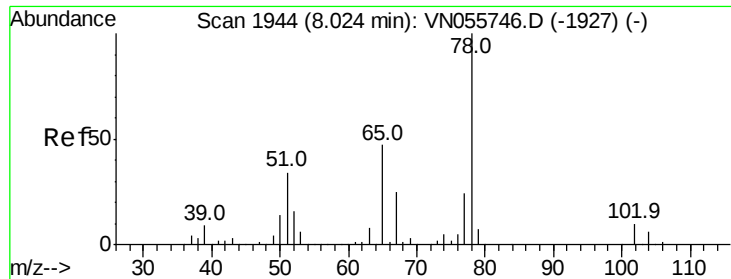


Abundance Ion 56.00 (55.70 to 56.70): VN055746.D (-1804) (-)

Ion 69.00 (68.70 to 69.70): VN055746.D (-1804) (-)

Ion 84.00 (83.70 to 84.70): VN055746.D (-1804) (-)





#33

1,2-Dichloroethane-d4

Concen: 49.968 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

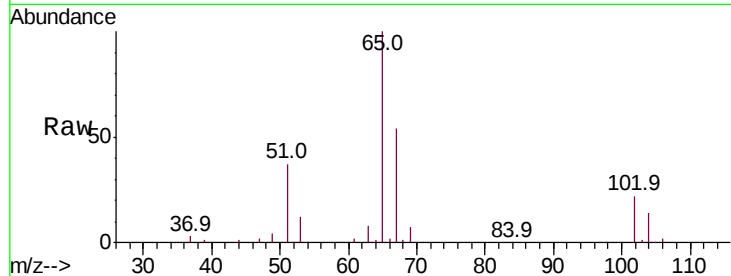
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 65 Resp: 201717

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.2

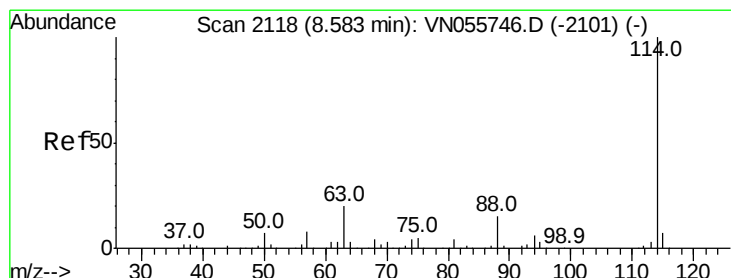
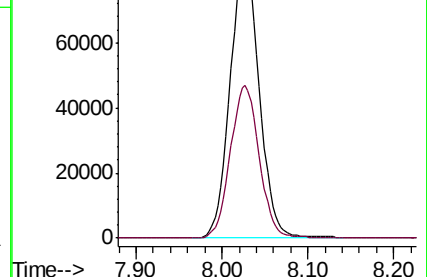
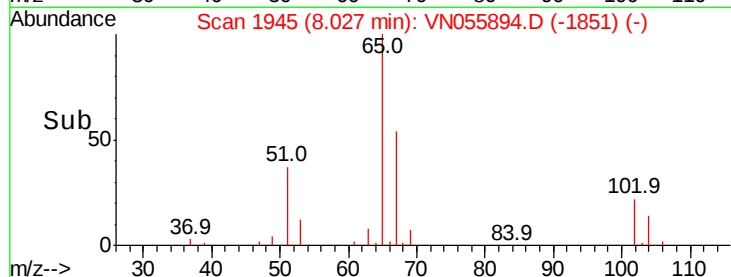


Abundance Ion 64.90 (64.60 to 65.60): VN055894.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN055894.D (-1927) (-)

8.03

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

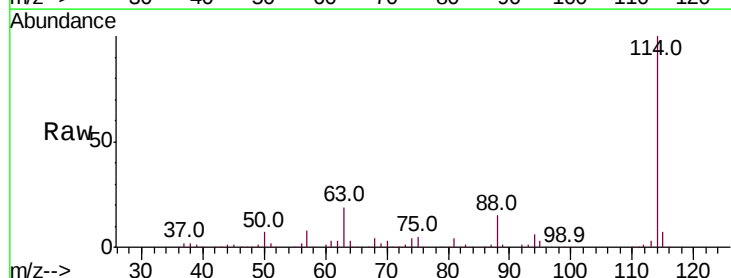
Tgt Ion: 114 Resp: 591913

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

88 15.5 0.0 31.0



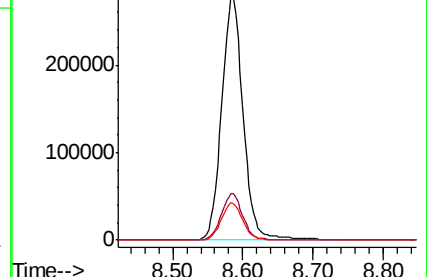
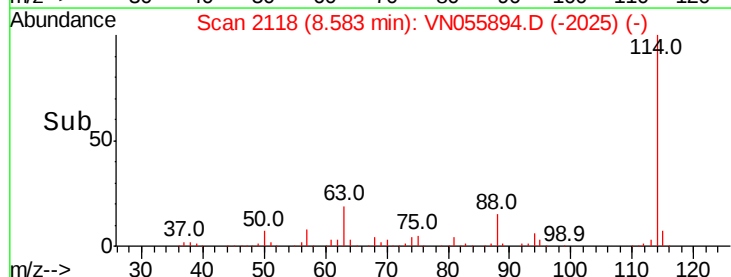
Abundance Ion 113.90 (113.60 to 114.60): VN055894.D (-2101) (-)

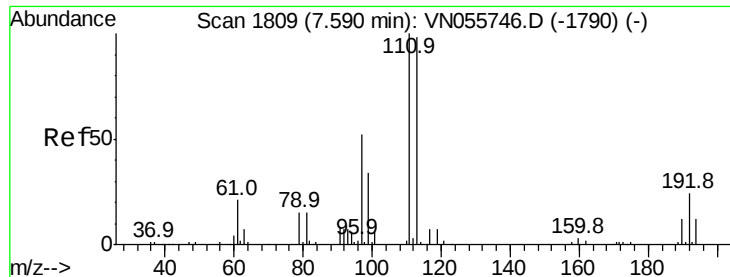
Ion 63.00 (62.70 to 63.70): VN055894.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN055894.D (-2101) (-)

8.58

Time-->

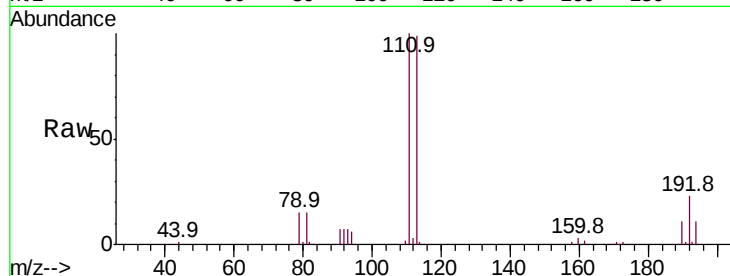




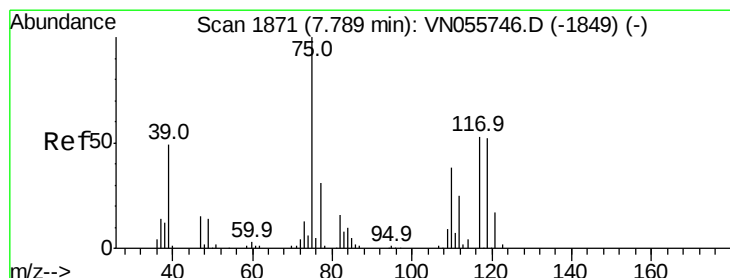
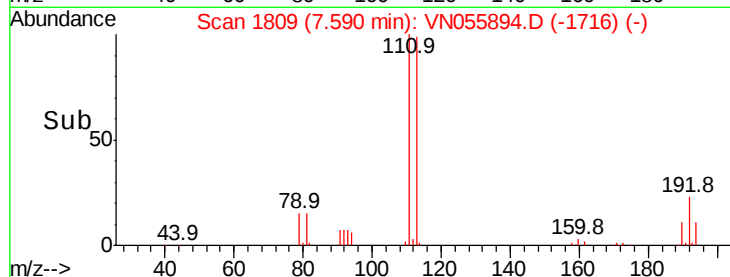
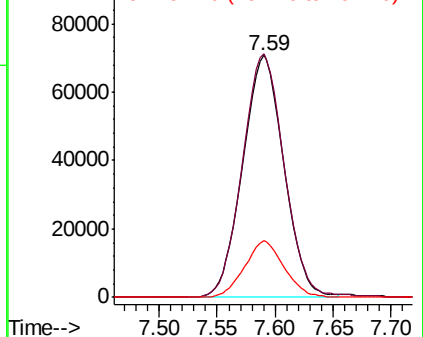
#35
 Dibromofluoromethane
 Concen: 46.851 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055894.D
 Acq: 30 May 2019 12:33

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 175328
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.9 122.9
 192 22.4 19.5 29.3

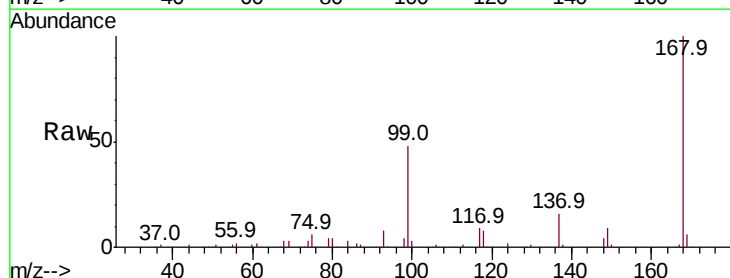


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

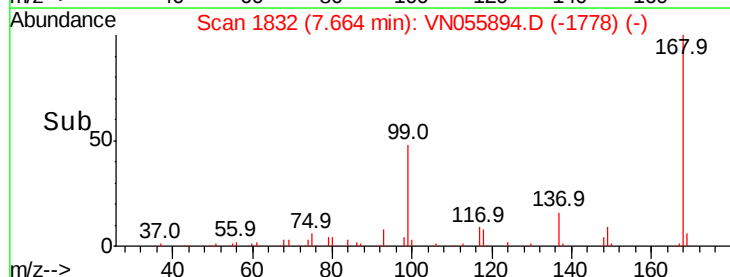
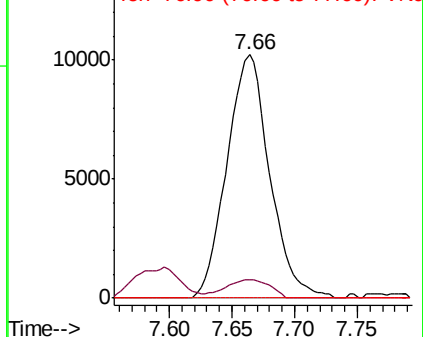


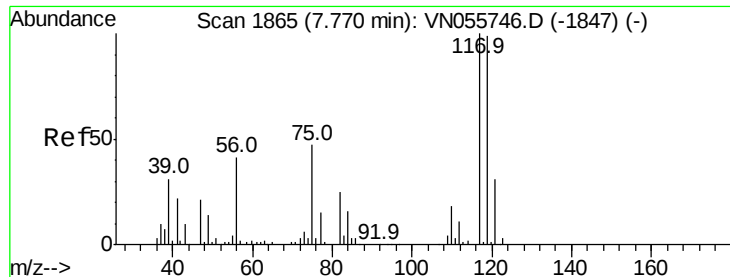
#36
 1,1-Dichloropropene
 Concen: 4.702 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055894.D
 Acq: 30 May 2019 12:33

Tgt Ion: 75 Resp: 24252
 Ion Ratio Lower Upper
 75 100
 110 7.8 19.0 57.0#
 77 0.0 25.1 37.7#



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





#38

Carbon Tetrachloride

Concen: 6.127 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

Instrument :
MSVOA_N
ClientSampled :

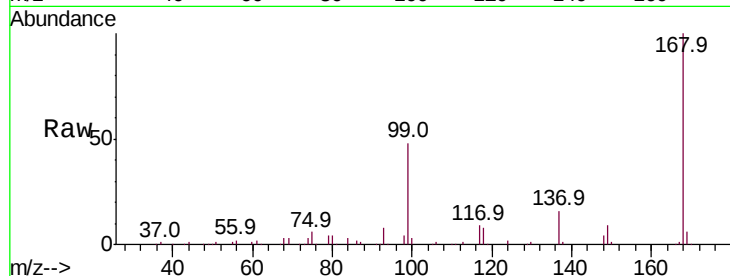
Tot Ion:117 Resp: 32923

Ion Ratio Lower Upper

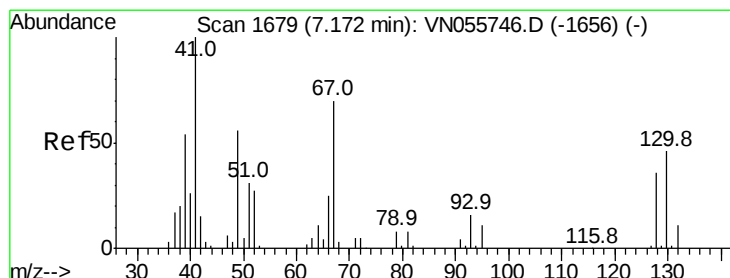
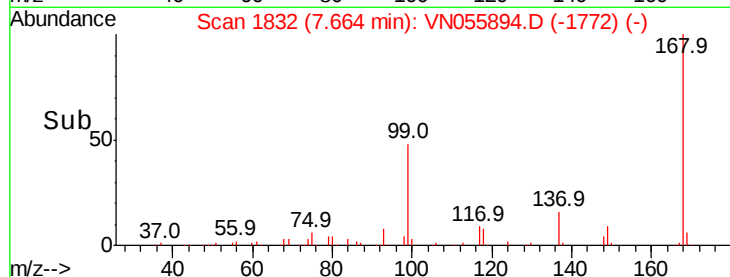
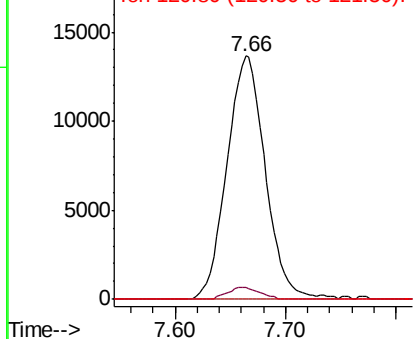
117 100

119 4.8 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



#41

Methacrylonitrile

Concen: 0.373 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.05 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

Tgt Ion: 41 Resp: 939

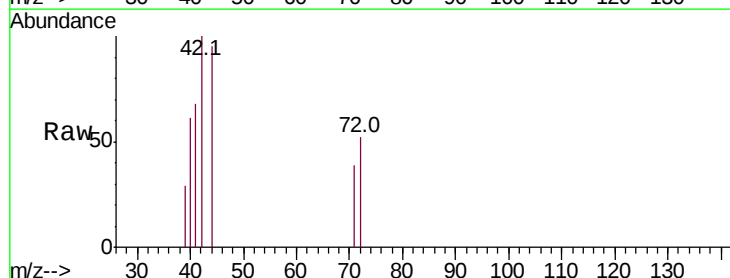
Ion Ratio Lower Upper

41 100

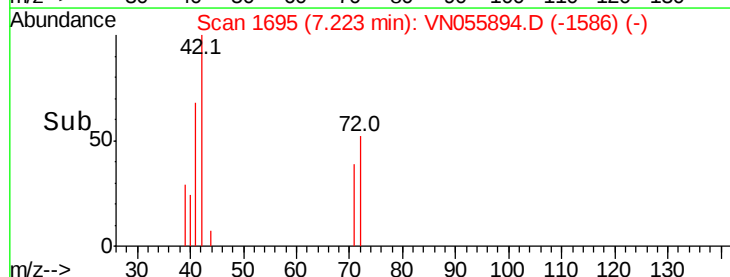
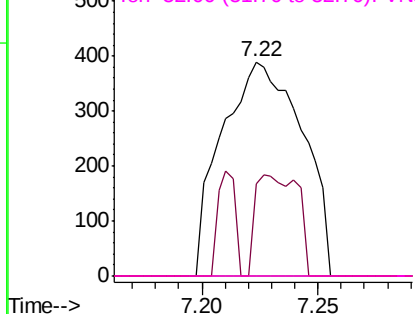
39 24.7 45.6 68.4#

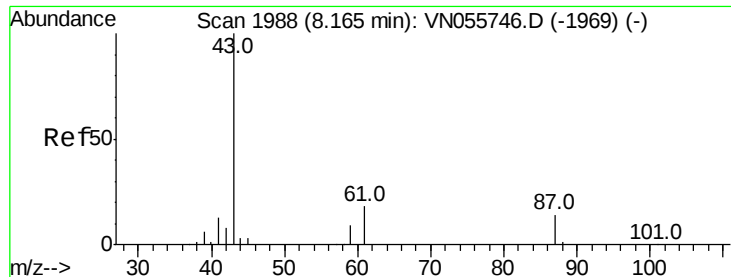
67 0.0 67.7 101.5#

52 0.0 26.6 40.0#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 1.483 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

Instrument :

MSVOA_N

ClientSampleId :

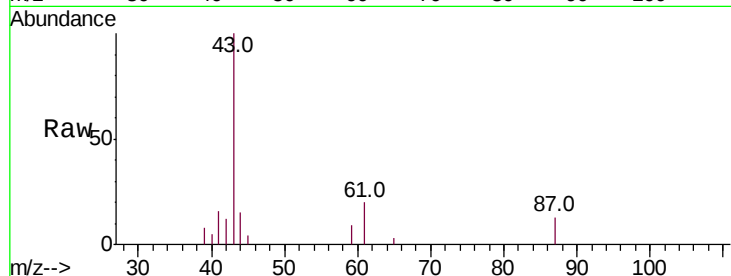
Tot Ion: 43 Resp: 12419

Ion Ratio Lower Upper

43 100

61 18.4 22.2 33.4#

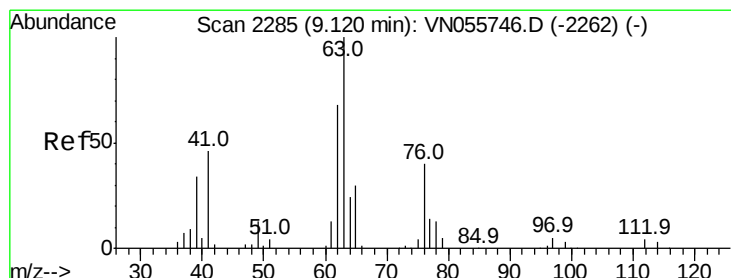
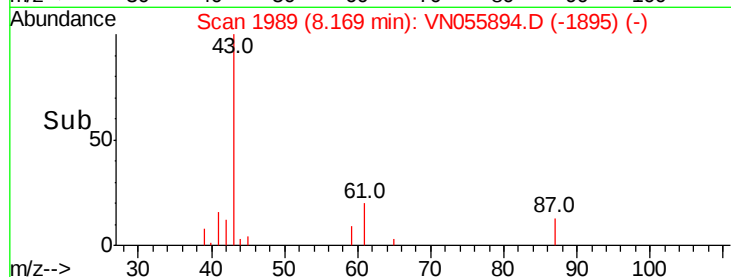
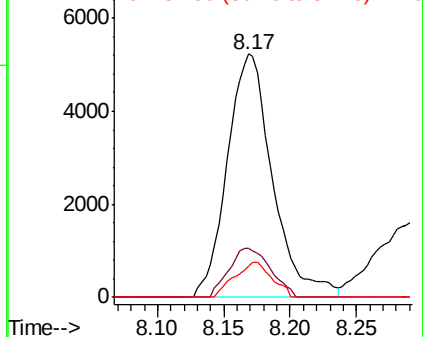
87 11.9 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.320 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN055894.D

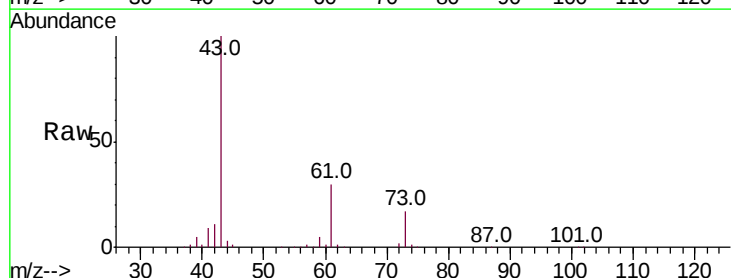
Acq: 30 May 2019 12:33

Tgt Ion: 63 Resp: 1298

Ion Ratio Lower Upper

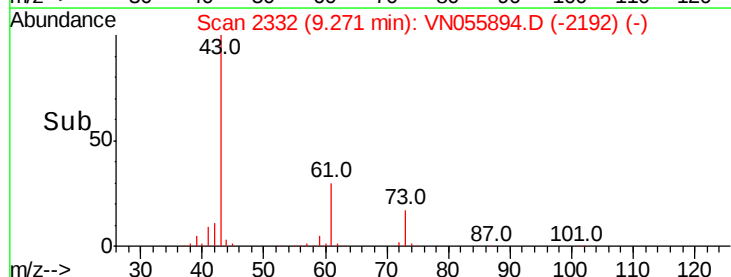
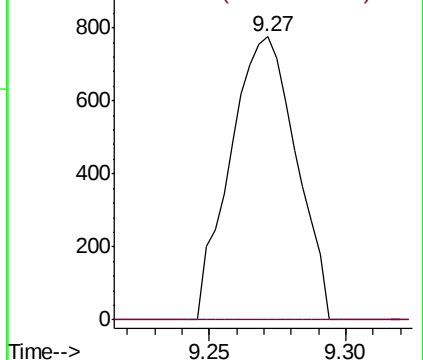
63 100

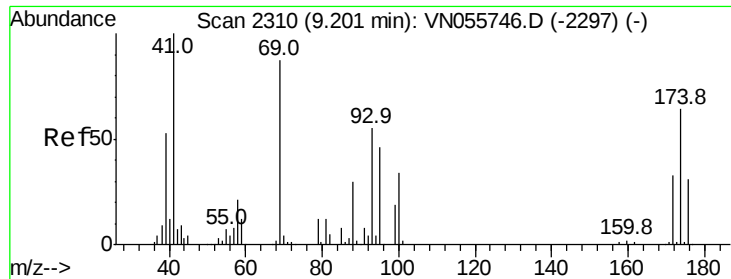
65 0.0 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

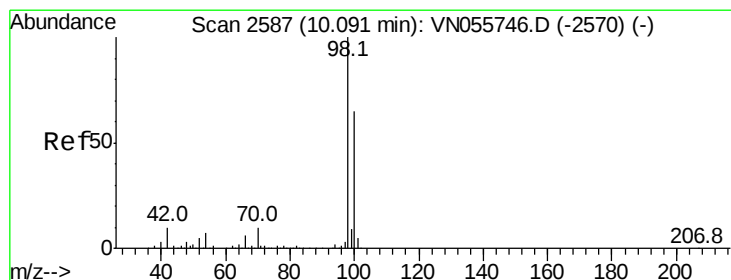
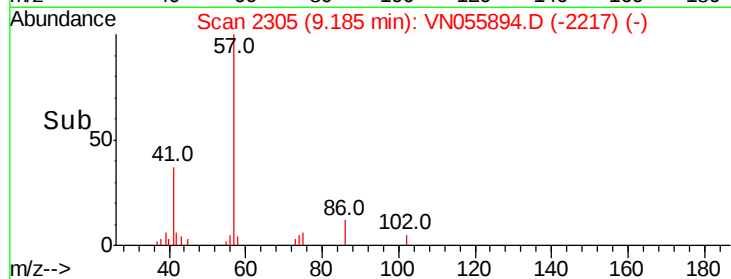
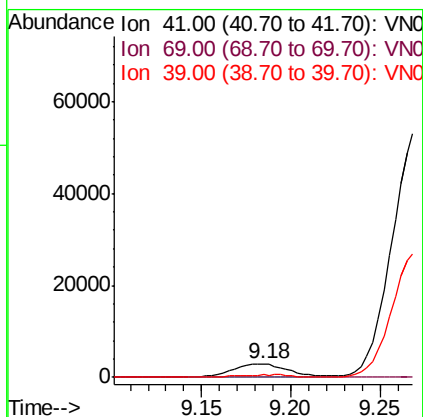
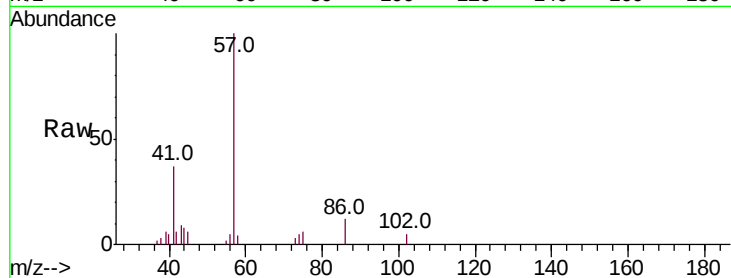




#48
Methyl methacrylate
Concen: 1.712 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN055894.D
Acq: 30 May 2019 12:33

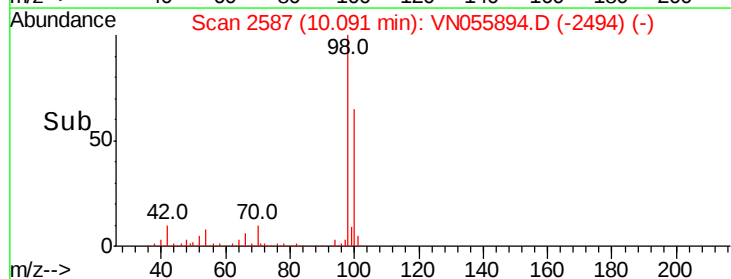
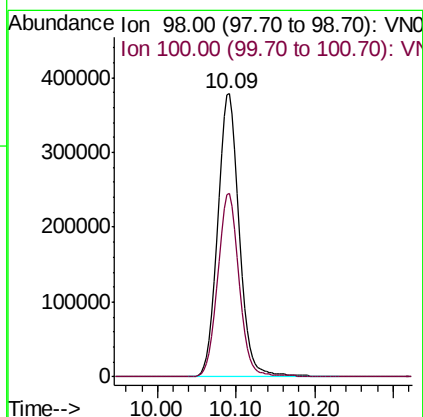
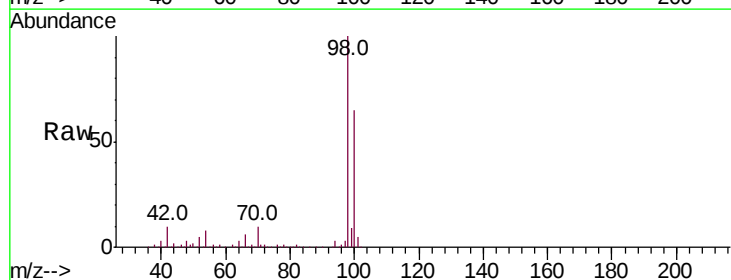
Instrument :
MSVOA_N
ClientSampleId :

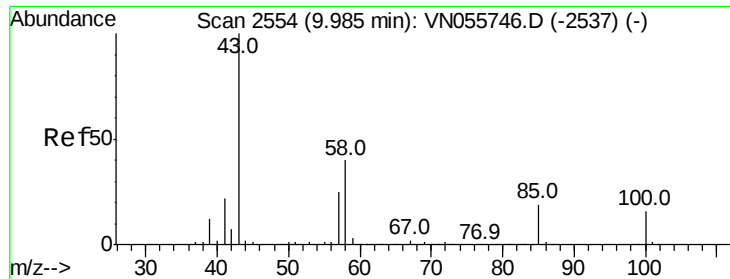
Tot Ion: 41 Resp: 6608
Ion Ratio Lower Upper
41 100
69 0.0 71.0 106.6#
39 0.0 44.2 66.2#



#50
Toluene-d8
Concen: 49.740 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055894.D
Acq: 30 May 2019 12:33

Tgt Ion: 98 Resp: 714022
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 0.944 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

Instrument :

MSVOA_N

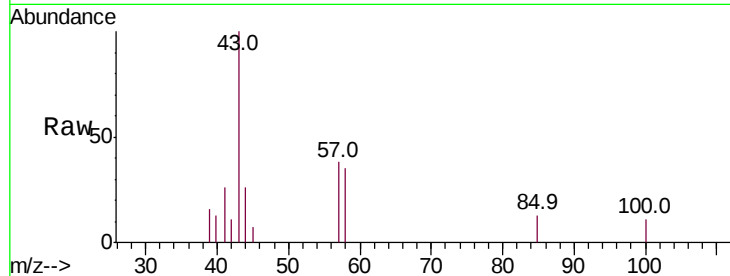
ClientSampled :

Tot Ion: 43 Resp: 4669

Ion Ratio Lower Upper

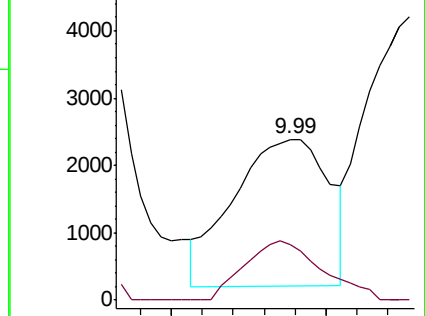
43 100

58 32.7 32.1 48.1

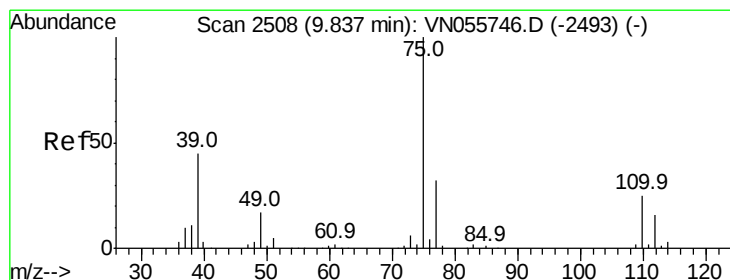
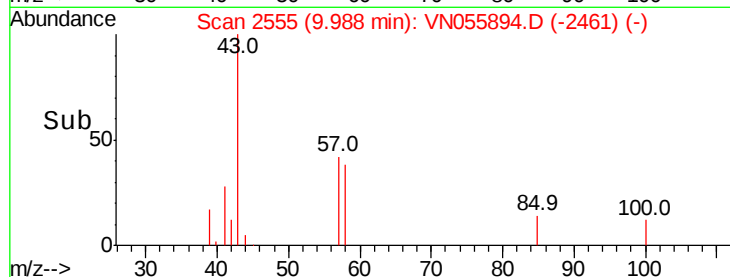


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 7.501 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

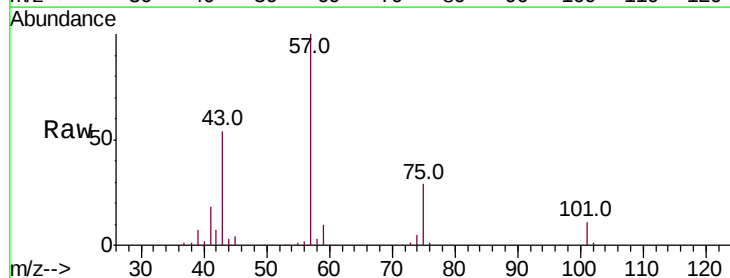
Tgt Ion: 75 Resp: 48316

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

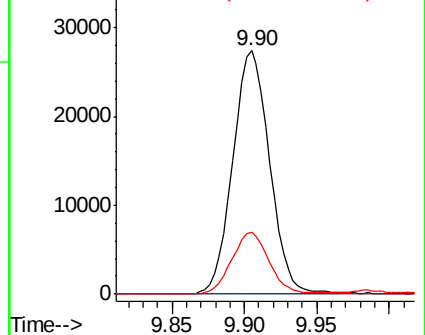
39 25.6 36.3 54.5#



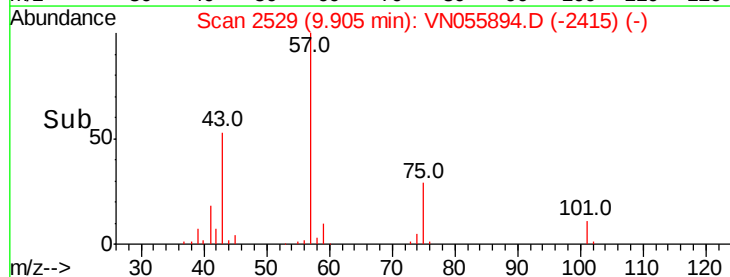
Abundance Ion 74.90 (74.60 to 75.60): VN0

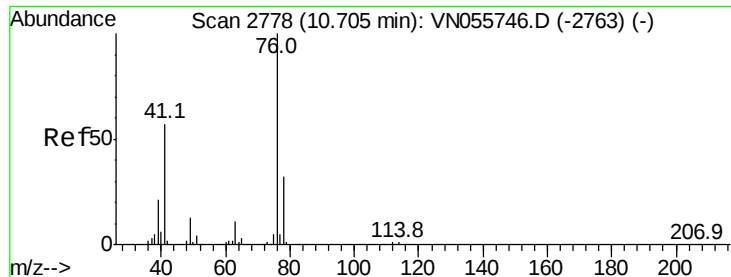
Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->





#57

1,3-Dichloropropane

Concen: 1.490 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

Instrument :

MSVOA_N

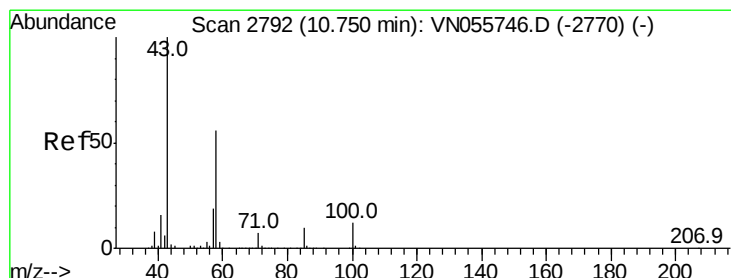
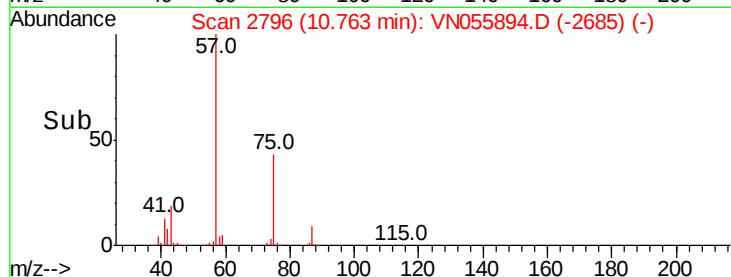
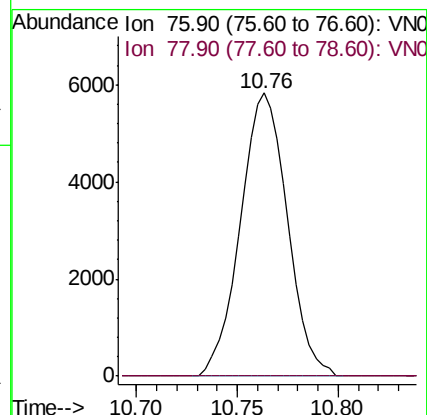
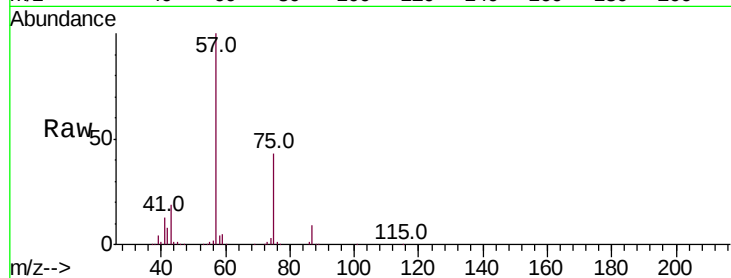
ClientSampled :

Tot Ion: 76 Resp: 9486

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#59

2-Hexanone

Concen: 36.350 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055894.D

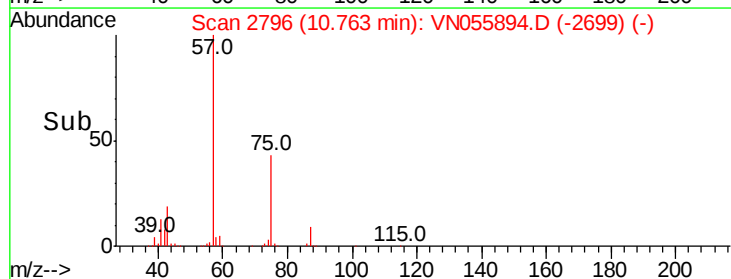
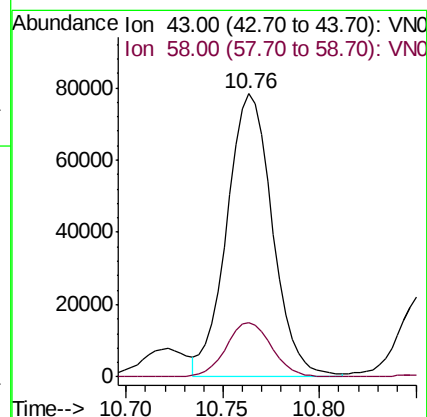
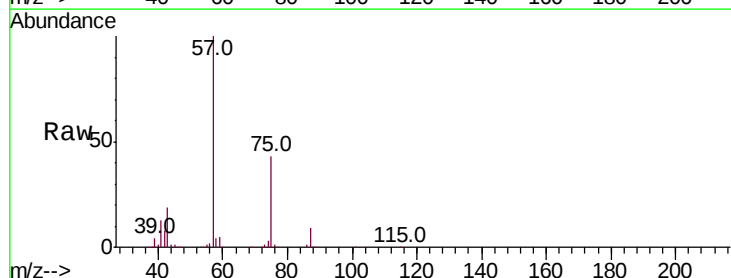
Acq: 30 May 2019 12:33

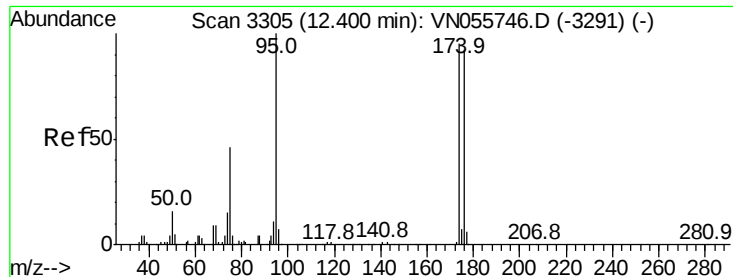
Tgt Ion: 43 Resp: 127573

Ion Ratio Lower Upper

43 100

58 19.7 28.2 84.7#





#62

4-Bromofluorobenzene

Concen: 47.042 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

Instrument :

MSVOA_N

ClientSampleId :

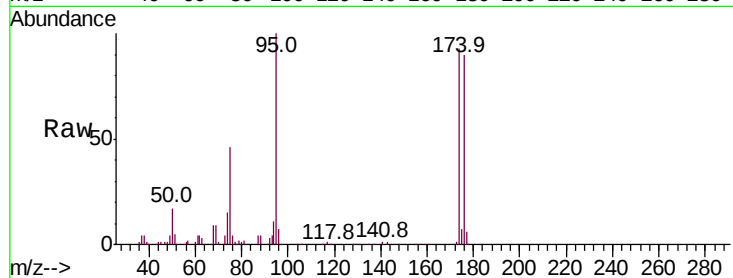
Tot Ion: 95 Resp: 231551

Ion Ratio Lower Upper

95 100

174 93.1 0.0 191.0

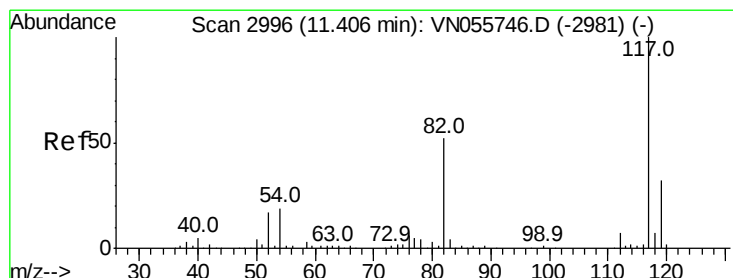
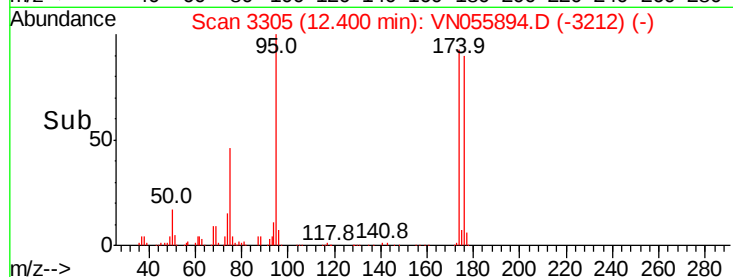
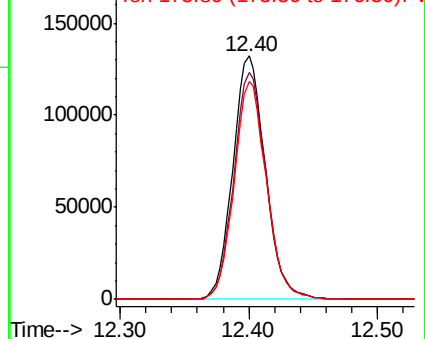
176 89.0 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055746.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055746.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055746.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

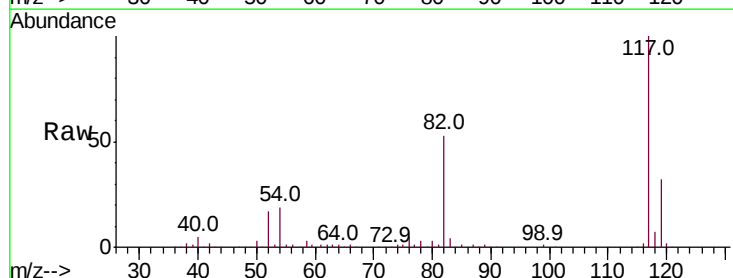
Tgt Ion: 117 Resp: 555571

Ion Ratio Lower Upper

117 100

82 52.6 41.8 62.8

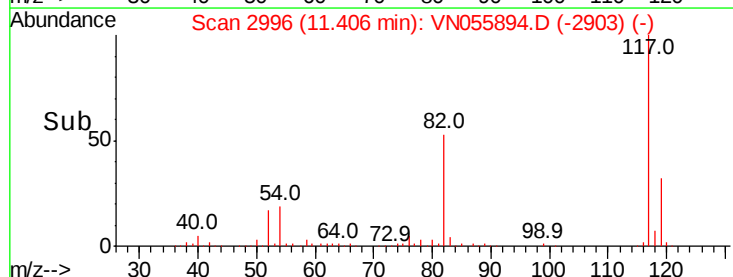
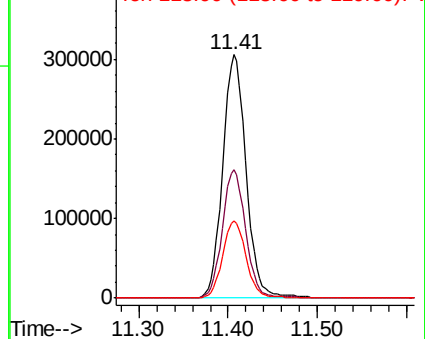
119 31.7 25.4 38.0

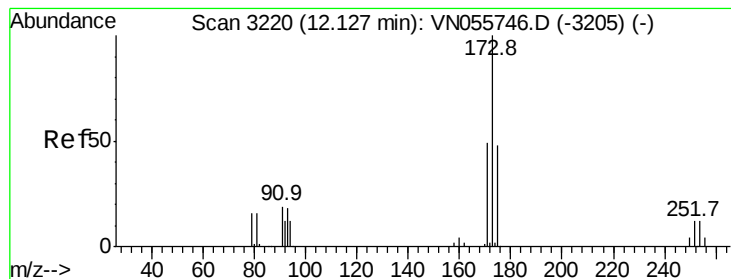


Abundance Ion 116.90 (116.60 to 117.60): VN055746.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055746.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055746.D (-2981) (-)





#71

Bromoform

Concen: 0.377 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

Instrument :

MSVOA_N

ClientSampled :

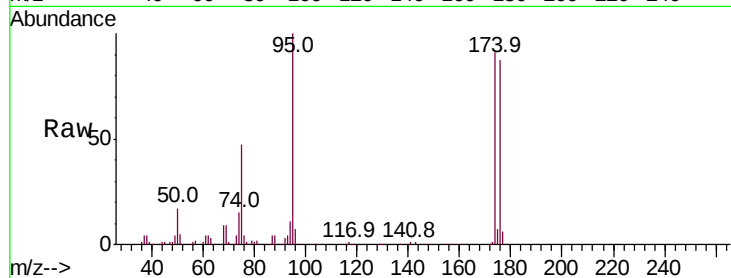
Tot Ion:173 Resp: 1428

Ion Ratio Lower Upper

173 100

175 932.0 24.3 72.8#

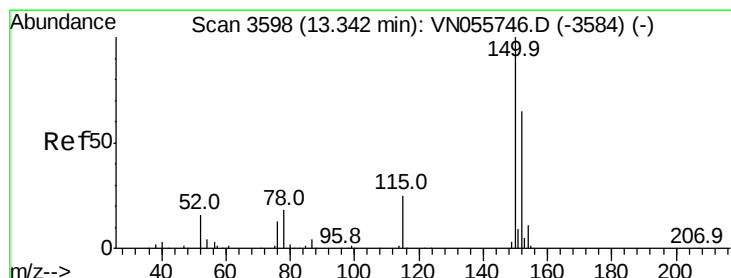
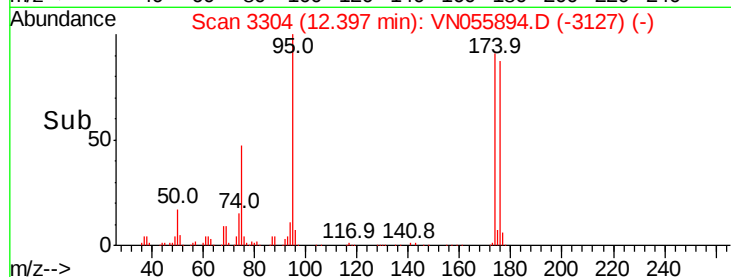
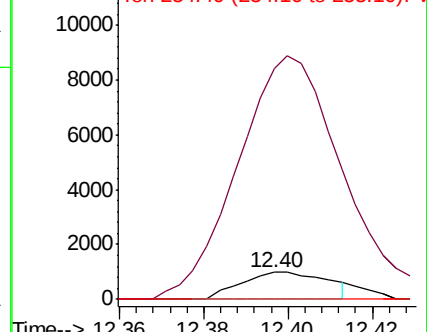
254 0.0 0.0 0.0



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: VN055894.D

Acq: 30 May 2019 12:33

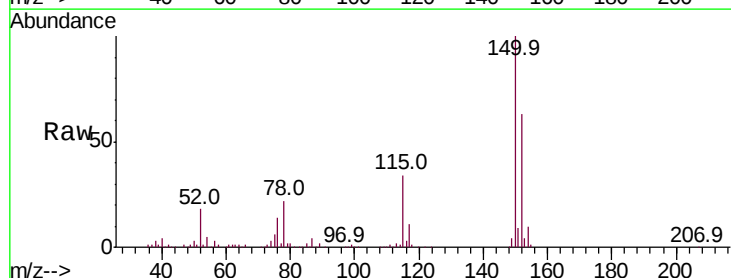
Tgt Ion:152 Resp: 185109

Ion Ratio Lower Upper

152 100

115 54.5 27.0 81.0

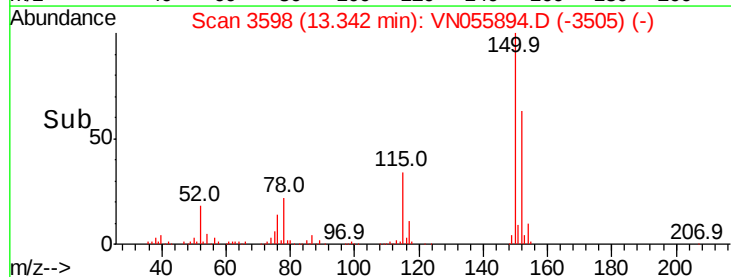
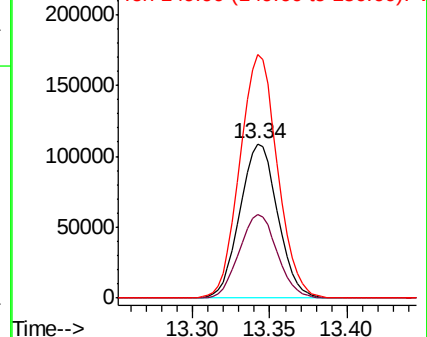
150 157.1 0.0 343.2

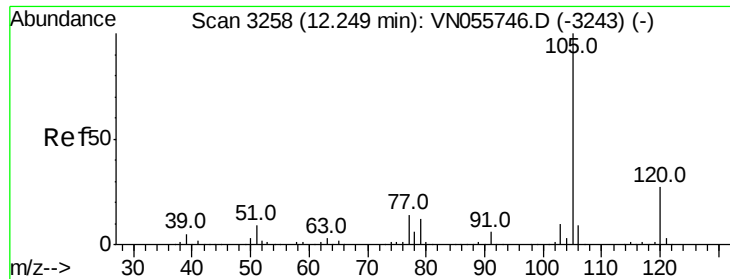


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.24 min Scan# 3256

Delta R.T. -0.01 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

Instrument :

MSVOA_N

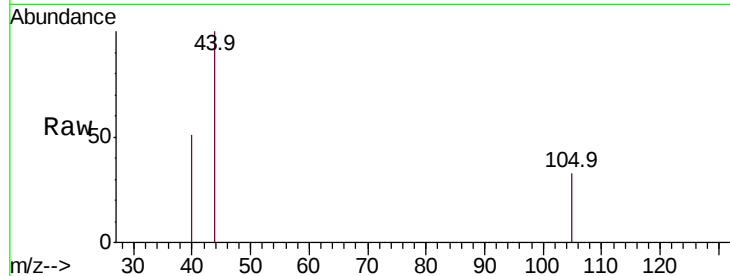
ClientSampled :

Tot Ion:105 Resp: 211

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250

200

150

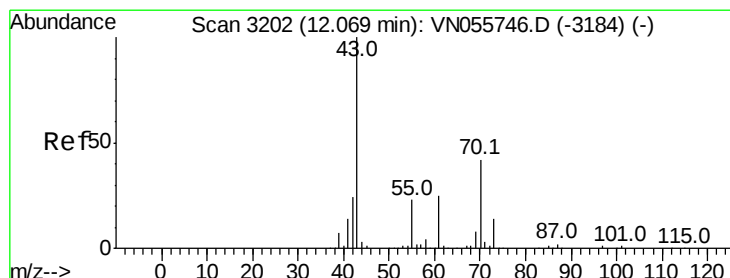
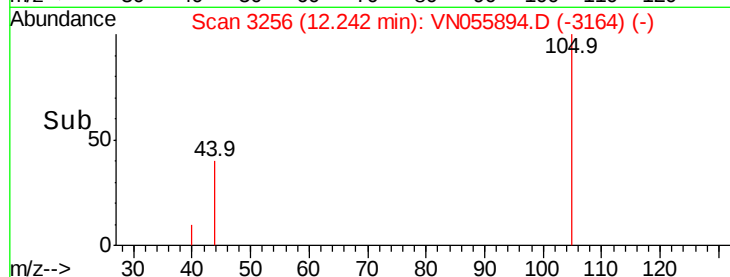
100

50

0

12.22 12.24 12.26

Time-->



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.05 min Scan# 3196

Delta R.T. -0.02 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

Tgt Ion: 43 Resp: 446

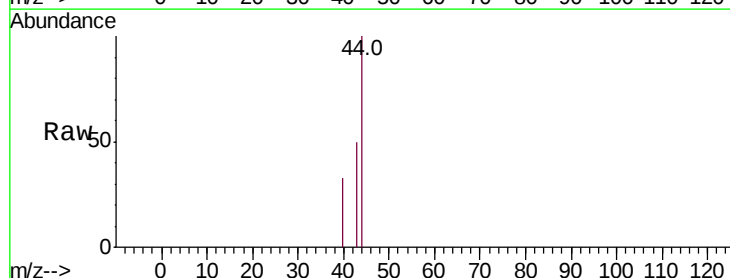
Ion Ratio Lower Upper

43 100

70 0.0 34.0 51.0#

55 0.0 18.6 28.0#

61 0.0 20.0 30.0#



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

400

300

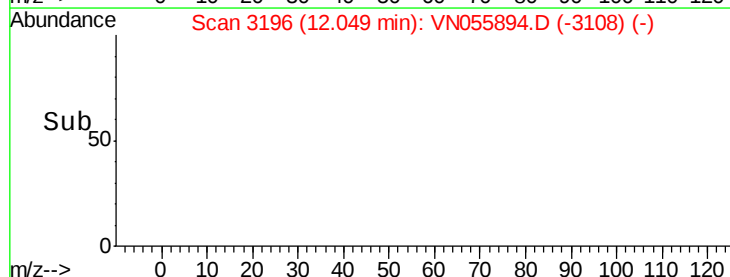
200

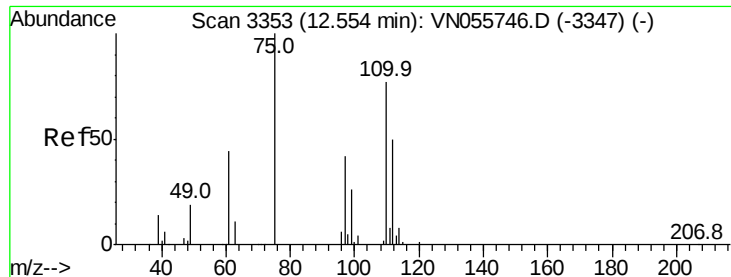
100

0

12.04 12.06 12.08

Time-->





#76

1,2,3-Trichloropropane

Concen: 32.735 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

Instrument :

MSVOA_N

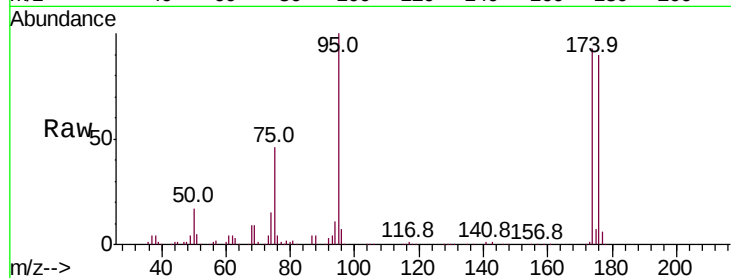
ClientSampled :

Tot Ion: 75 Resp: 107806

Ion Ratio Lower Upper

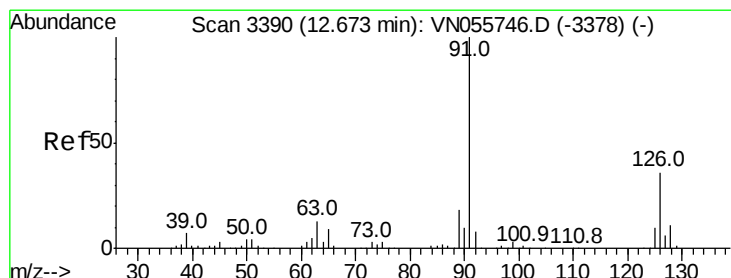
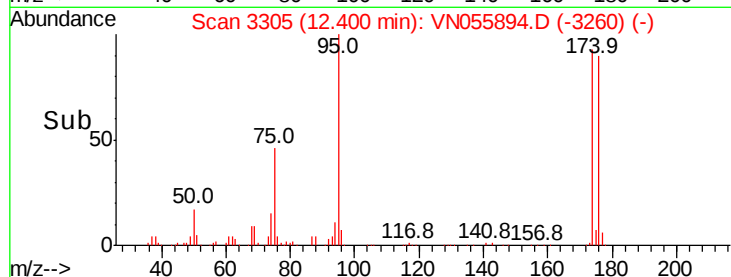
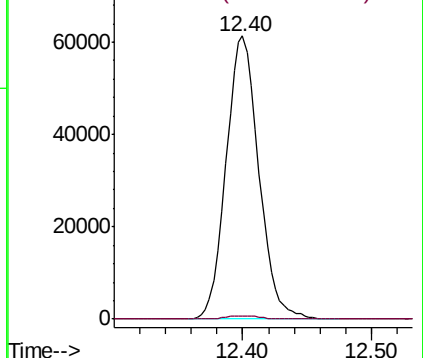
75 100

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: VN055894.D

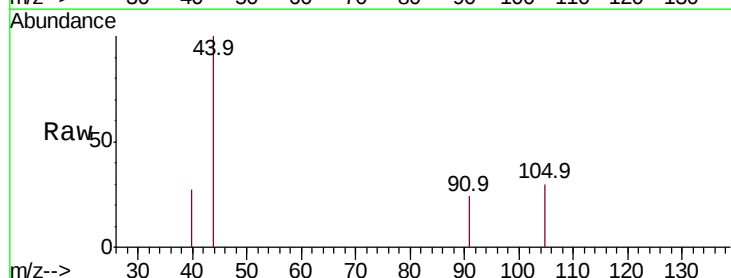
Acq: 30 May 2019 12:33

Tgt Ion: 91 Resp: 60

Ion Ratio Lower Upper

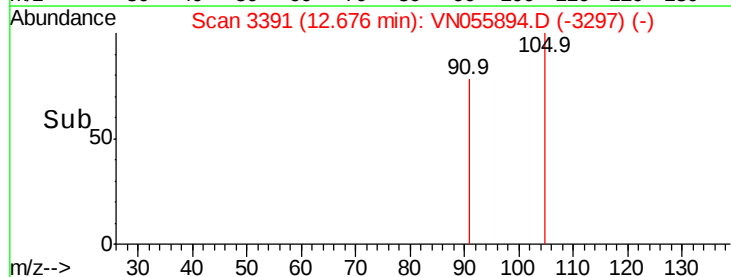
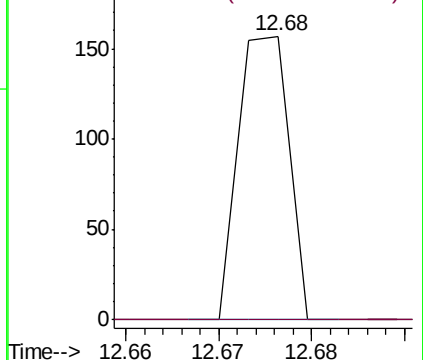
91 100

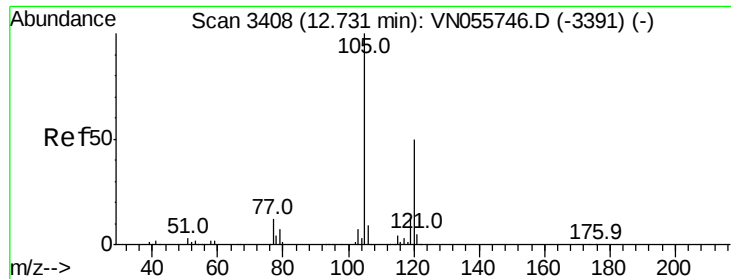
126 0.0 18.1 54.4#



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: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

Instrument :

MSVOA_N

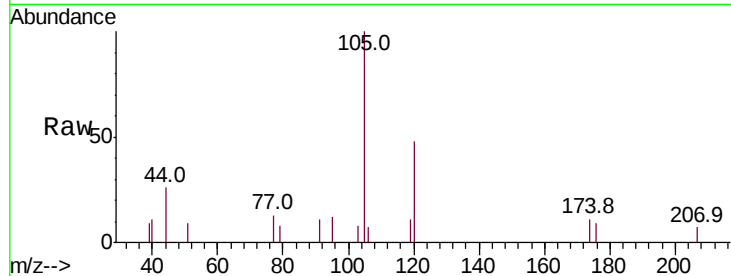
ClientSampled :

Tot Ion:105 Resp: 3690

Ion Ratio Lower Upper

105 100

120 48.8 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

2500

2000

1500

1000

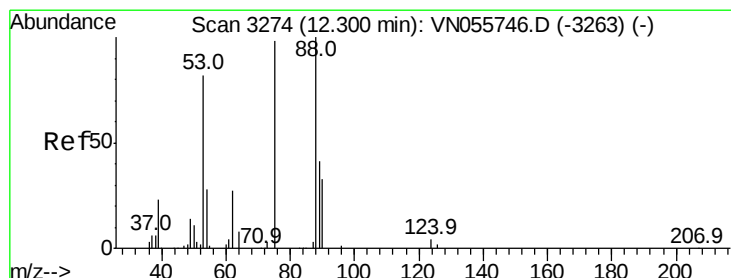
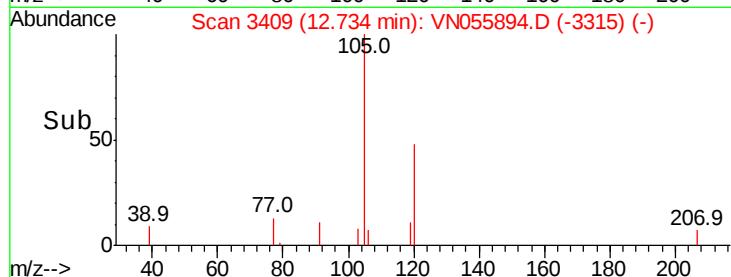
500

0

Time-->

12.70

12.75



#81

trans-1,4-Dichloro-2-butene

Concen: 78.360 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

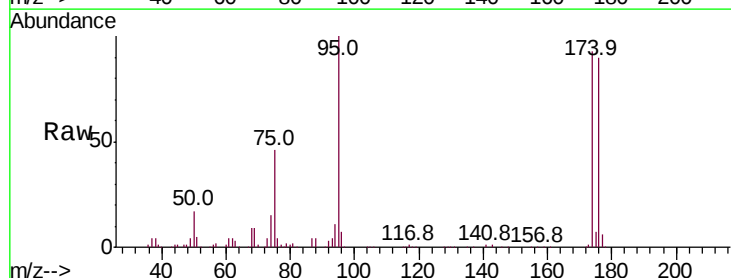
Tgt Ion: 75 Resp: 107806

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

12.40

80000

60000

40000

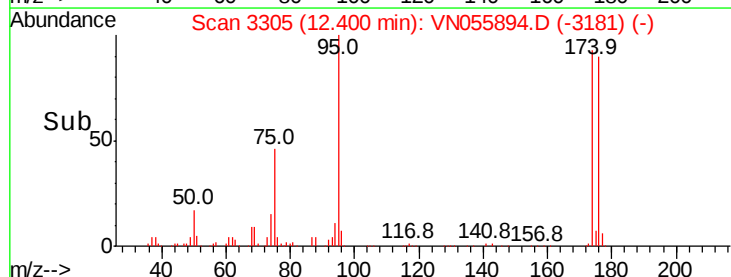
20000

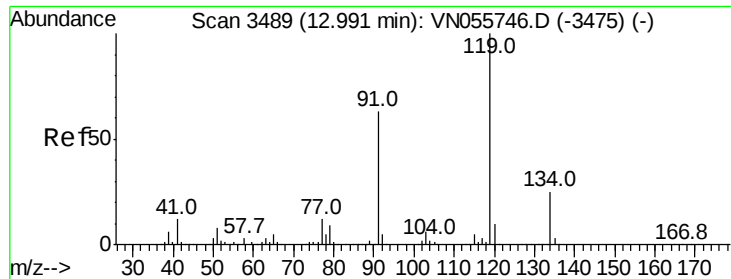
0

Time-->

12.40

12.50





#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3503

Delta R.T. 0.05 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

Instrument :

MSVOA_N

ClientSampled :

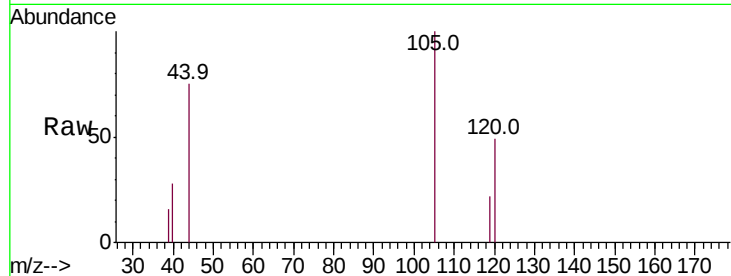
Tot Ion:119 Resp: 145

Ion Ratio Lower Upper

119 100

91 0.0 30.9 92.8#

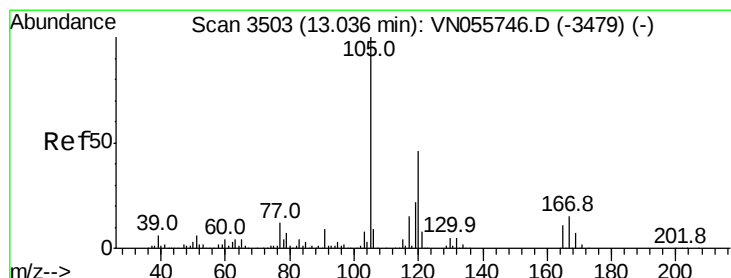
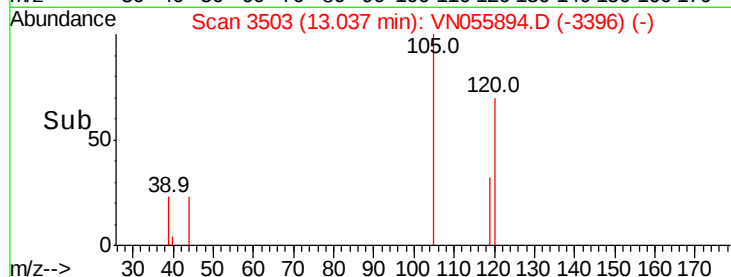
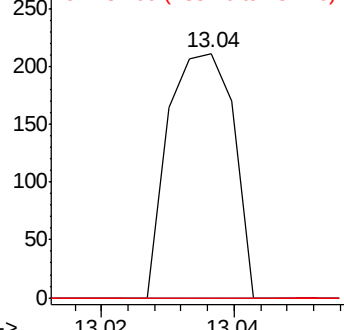
134 0.0 13.3 39.8#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3505

Delta R.T. 0.01 min

Lab File: VN055894.D

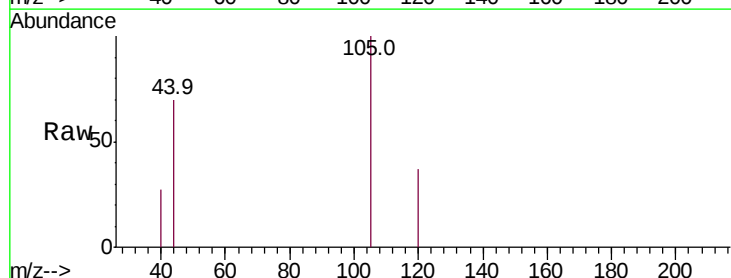
Acq: 30 May 2019 12:33

Tgt Ion:105 Resp: 1701

Ion Ratio Lower Upper

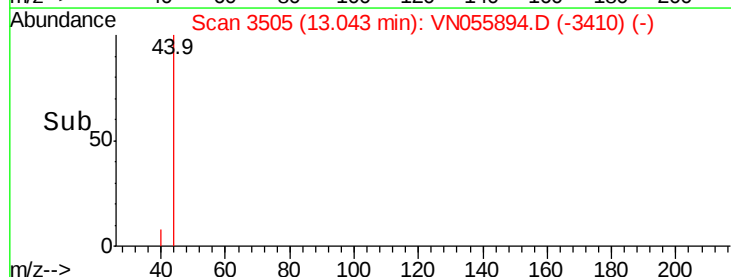
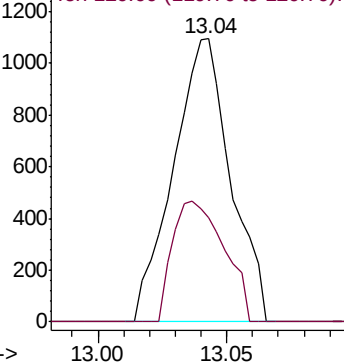
105 100

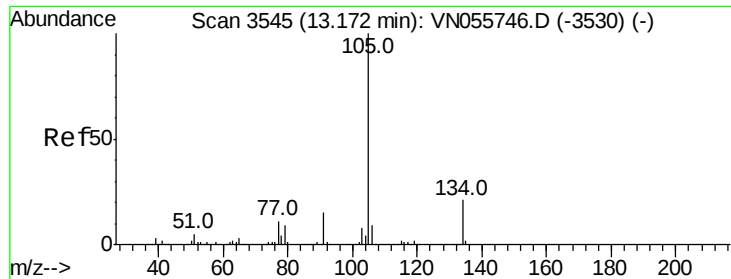
120 38.5 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.18 min Scan# 3547

Delta R.T. 0.01 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

Instrument :

MSVOA_N

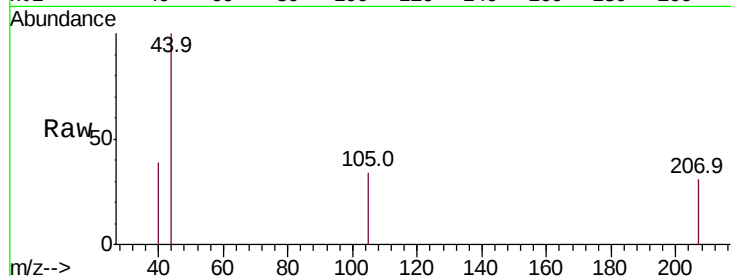
ClientSampled :

Tot Ion:105 Resp: 307

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.18

250

200

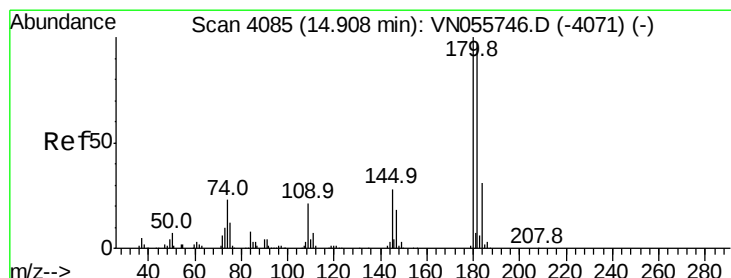
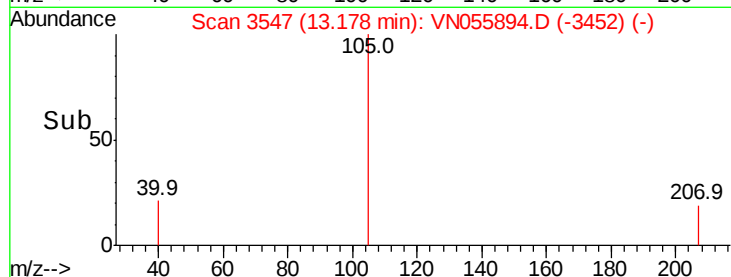
150

100

50

0

Time--> 13.14 13.16 13.18 13.20



#93

1,2,4-Trichlorobenzene

Concen: 3.653 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

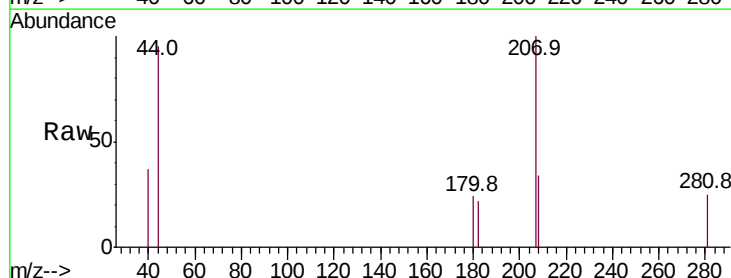
Tgt Ion:180 Resp: 63

Ion Ratio Lower Upper

180 100

182 46.0 48.3 144.9#

145 0.0 14.0 41.9#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

200

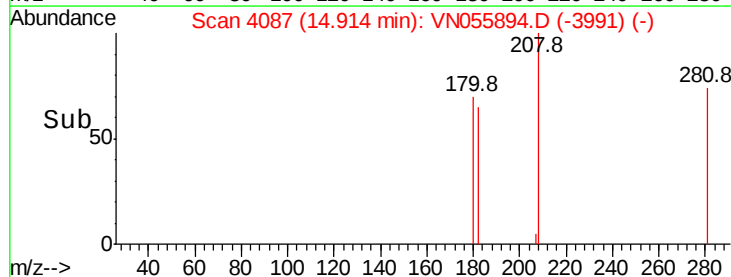
150

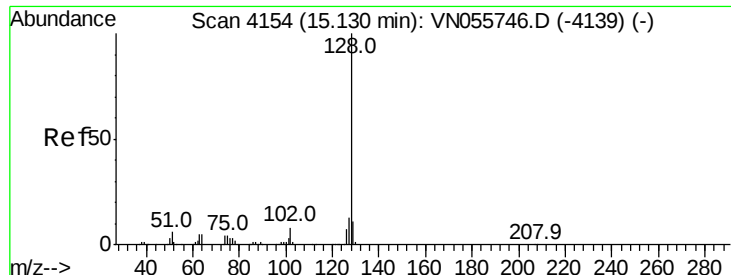
100

50

0

Time--> 14.90 14.91 14.92





#95

Naphthalene

Concen: 0.230 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

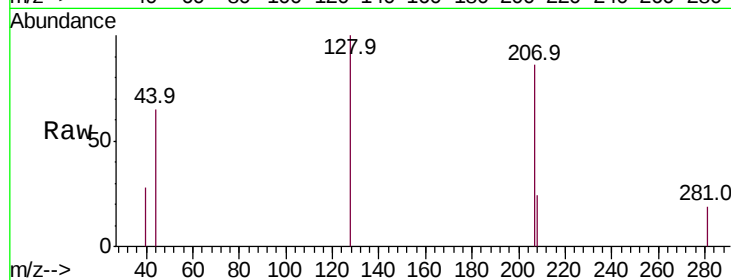
Lab File: VN055894.D

Acq: 30 May 2019 12:33

Instrument :

MSVOA_N

ClientSampleId :



Tot Ion:128 Resp: 1971

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.7 13.1#

Abundance Ion 128.00 (127.70 to 128.70): V
 1500 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

