

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
 Data File : VN055714.D
 Acq On : 21 May 2019 17:06
 Operator : JC/SP
 Sample : K2951-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 22 05:13:39 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	466513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	628241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	550010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	217188	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	197901	38.70	ug/l	0.00
Spiked Amount			Recovery	=	77.40%	
35) Dibromofluoromethane	7.59	113	191286	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	
50) Toluene-d8	10.09	98	719831	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	
62) 4-Bromofluorobenzene	12.40	95	233725	44.85	ug/l	0.00
Spiked Amount			Recovery	=	89.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	3023	3.170	ug/l #	79
16) Acetone	3.82	43	15231	7.298	ug/l	100
17) Carbon Disulfide	4.06	76	3495	0.295	ug/l #	75
18) Methyl Acetate	4.33	43	4991	1.116	ug/l #	64
20) Methylene Chloride	4.55	84	8646	1.815	ug/l	93
25) 2-Butanone	6.84	43	9734	3.336	ug/l	100
29) Tetrahydrofuran	7.21	42	473	0.245	ug/l	96
31) Cyclohexane	7.66	56	5828	0.768	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	24479	4.370	ug/l #	49
37) Ethyl Acetate	6.84	43	9734	1.926	ug/l #	67
38) Carbon Tetrachloride	7.67	117	36381	6.078	ug/l #	15
41) Methacrylonitrile	7.21	41	493	0.228	ug/l #	100
43) Isopropyl Acetate	8.21	43	125731	14.301	ug/l #	53
45) 1,2-Dichloropropane	9.27	63	1479	0.341	ug/l #	43
48) Methyl methacrylate	9.18	41	7728	1.967	ug/l #	21
49) 1,4-Dioxane	9.26	88	59	0.756	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	3138	0.608	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	54578	7.775	ug/l #	54
57) 1,3-Dichloropropane	10.76	76	9306	1.381	ug/l #	42
59) 2-Hexanone	10.76	43	116204	32.004	ug/l #	51
71) Bromoform	12.40	173	1567	0.413	ug/l #	1
73) Isopropylbenzene	12.25	105	1159	Below Cal	#	70
76) 1,2,3-Trichloropropane	12.40	75	105462	23.797	ug/l #	100
79) 2-Chlorotoluene	12.66	91	463	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	2767	Below Cal		96
81) trans-1,4-Dichloro-2-buten	12.40	75	105462	61.172	ug/l #	17
83) tert-Butylbenzene	13.04	119	382	Below Cal	#	76
84) 1,2,4-Trimethylbenzene	13.04	105	3478	Below Cal		93
85) sec-Butylbenzene	13.17	105	304	Below Cal	#	56
86) p-Isopropyltoluene	13.29	119	686	Below Cal	#	51
90) Hexachloroethane	13.95	117	192	Below Cal	#	3
95) Naphthalene	15.14	128	4009	2.107	ug/l #	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
Data File : VN055714.D
Acq On : 21 May 2019 17:06
Operator : JC/SP
Sample : K2951-14
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 22 05:13:39 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

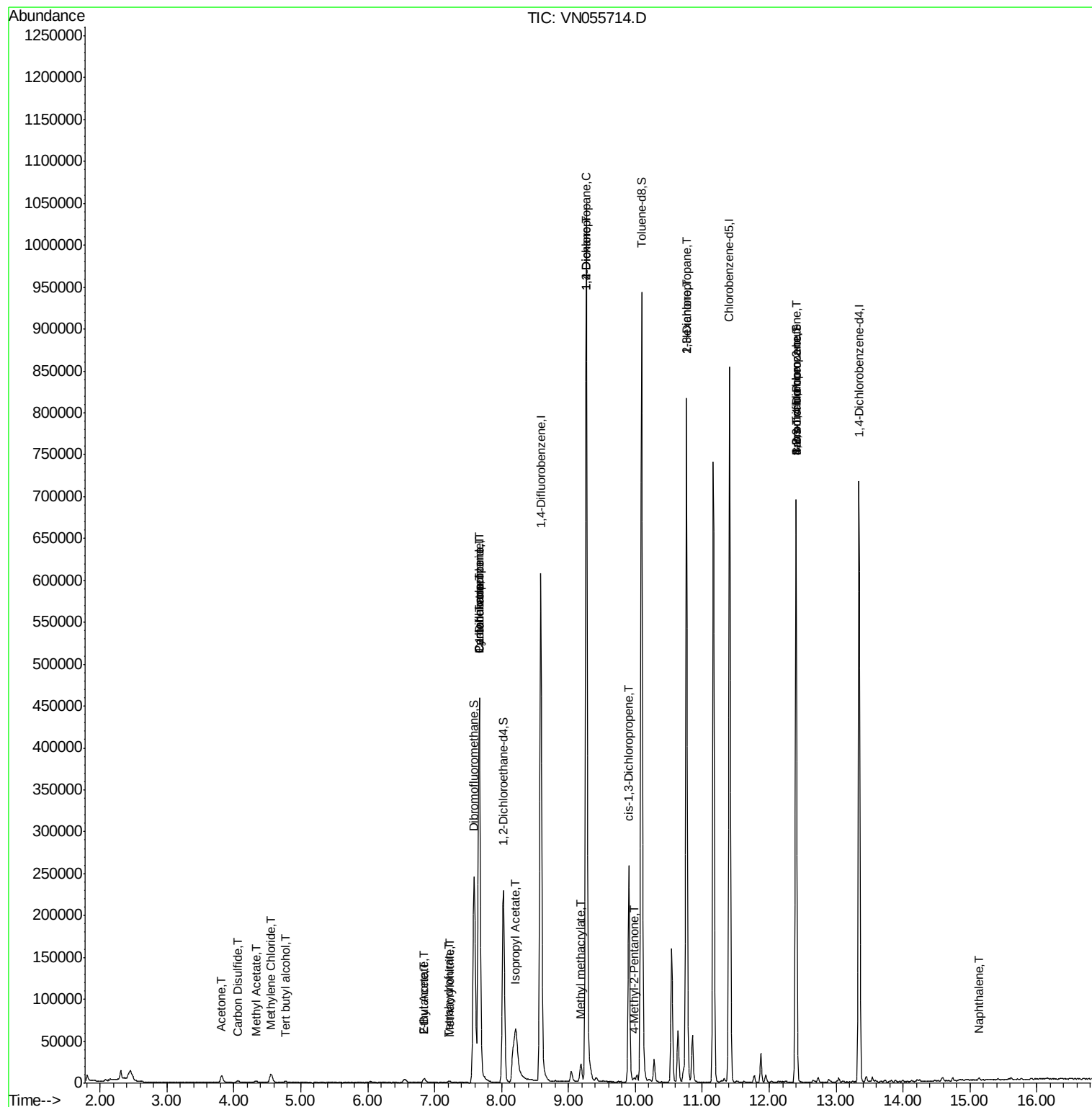
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

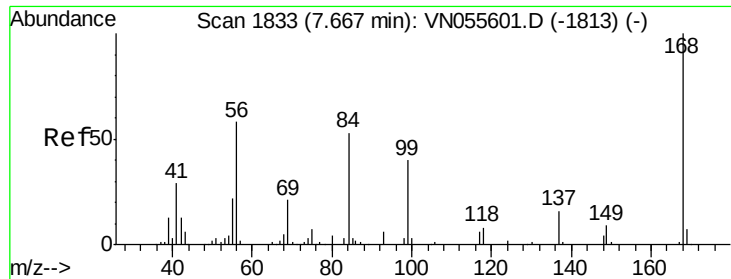
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
Data File : VN055714.D
Acq On : 21 May 2019 17:06
Operator : JC/SP
Sample : K2951-14
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 22 05:13:39 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN055714.D

Acq: 21 May 2019 17:06

Instrument :

MSVOA_N

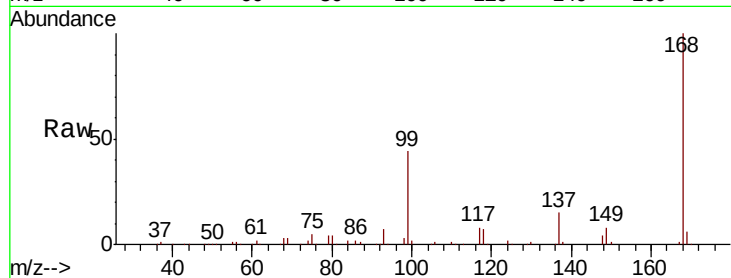
ClientSampleId :

Tot Ion:168 Resp: 466513

Ion Ratio Lower Upper

168 100

99 43.6 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

200000

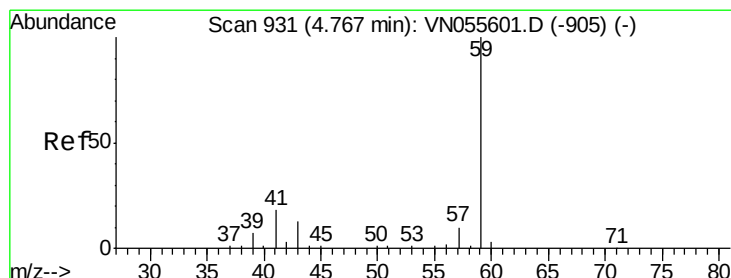
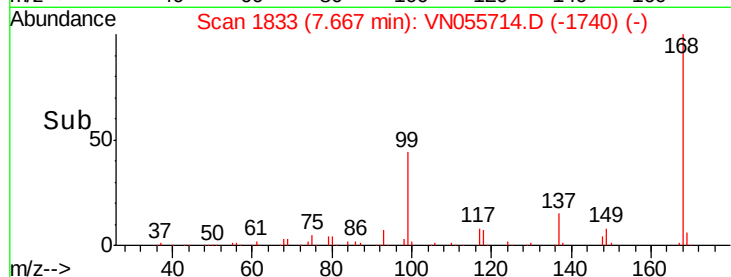
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.170 ug/l

RT: 4.78 min Scan# 934

Delta R.T. 0.01 min

Lab File: VN055714.D

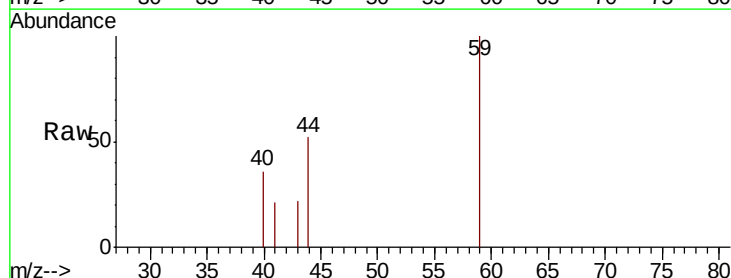
Acq: 21 May 2019 17:06

Tgt Ion: 59 Resp: 3023

Ion Ratio Lower Upper

59 100

57 2.0 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

1000

800

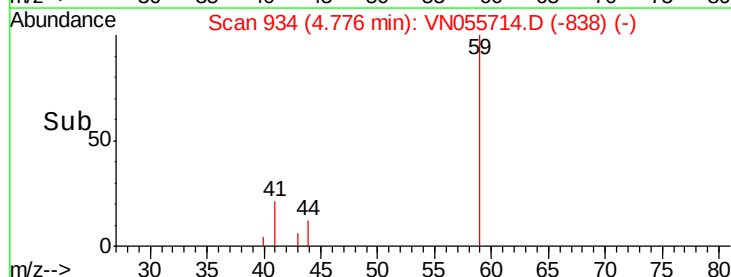
600

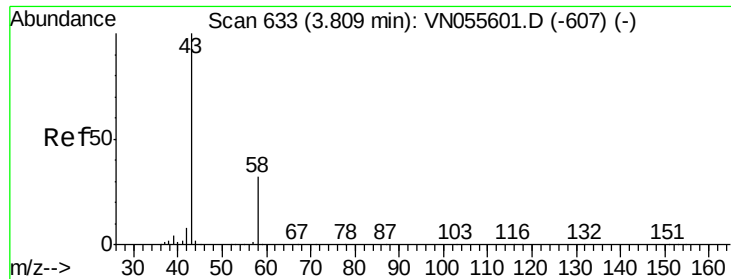
400

200

0

Time-->





#16

Acetone

Concen: 7.298 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN055714.D

Acq: 21 May 2019 17:06

Instrument :

MSVOA_N

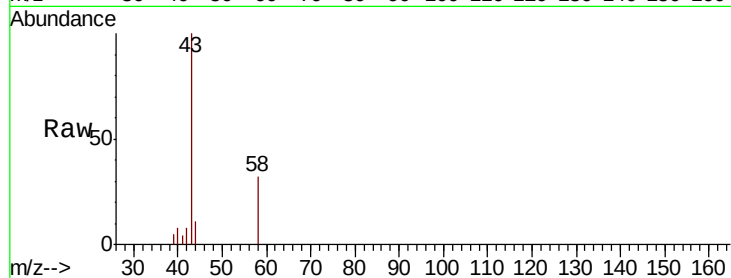
ClientSampleId :

Tot Ion: 43 Resp: 15231

Ion Ratio Lower Upper

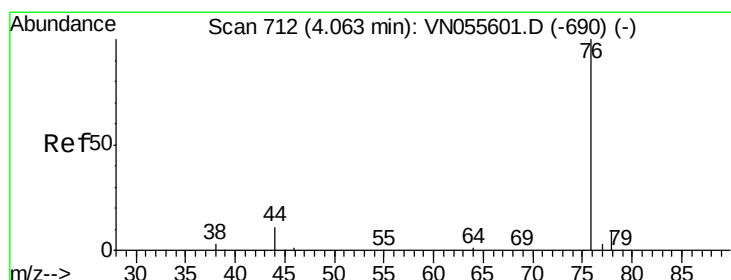
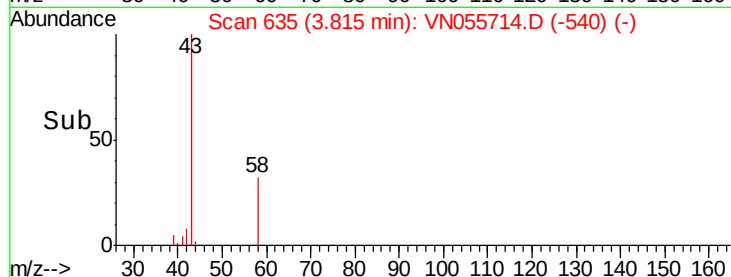
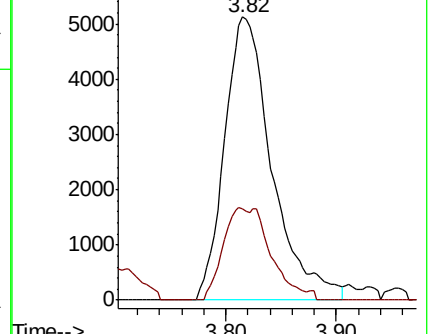
43 100

58 32.5 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN055714.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN055714.D (-540) (-)



#17

Carbon Disulfide

Concen: 0.295 ug/l

RT: 4.06 min Scan# 712

Delta R.T. -0.00 min

Lab File: VN055714.D

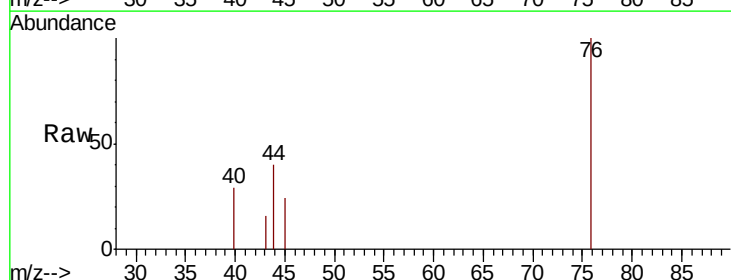
Acq: 21 May 2019 17:06

Tgt Ion: 76 Resp: 3495

Ion Ratio Lower Upper

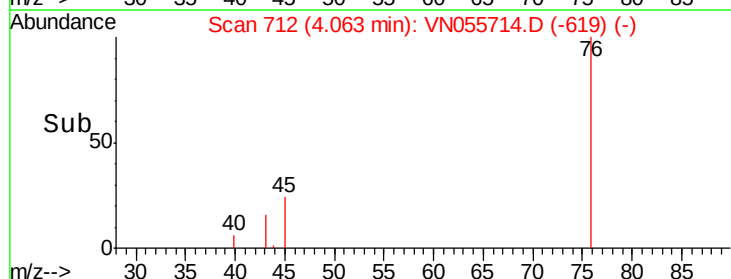
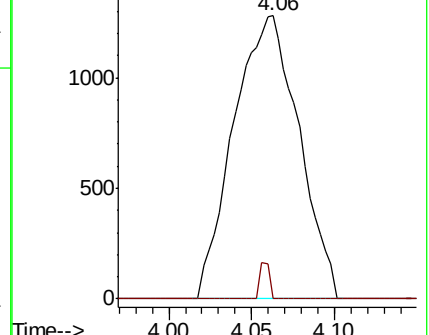
76 100

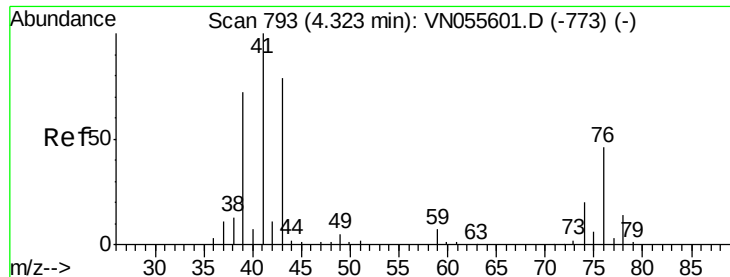
78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VN055714.D (-619) (-)

Ion 77.90 (77.60 to 78.60): VN055714.D (-619) (-)

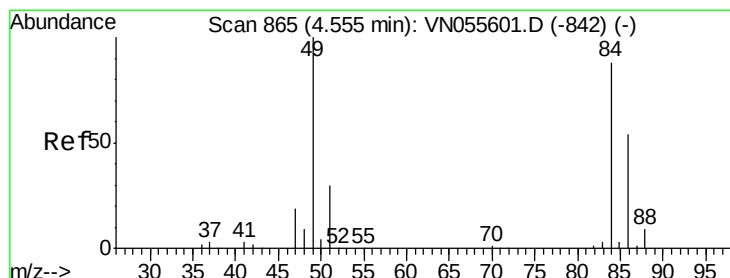
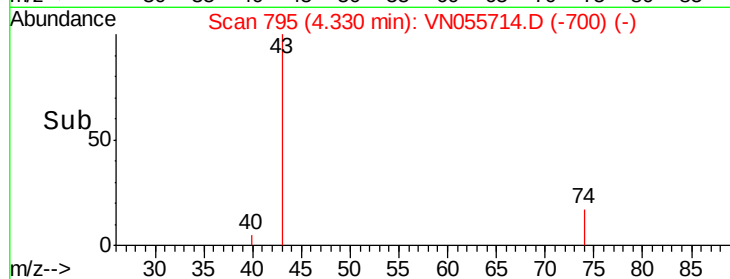
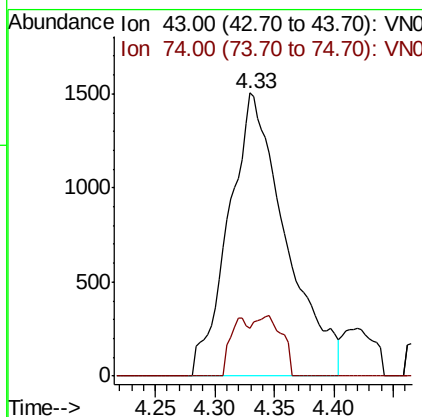
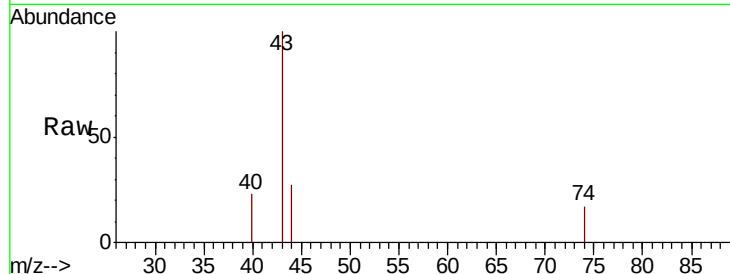




#18
Methyl Acetate
Concen: 1.116 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN055714.D
Acq: 21 May 2019 17:06

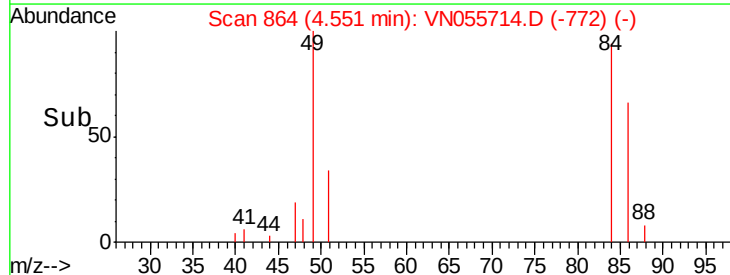
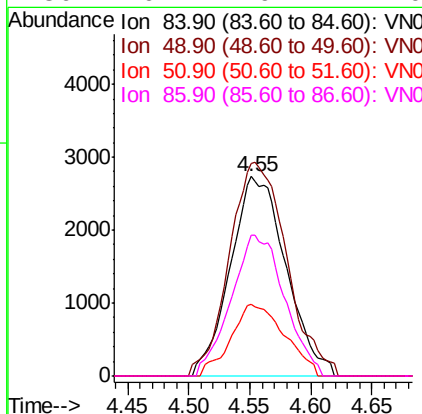
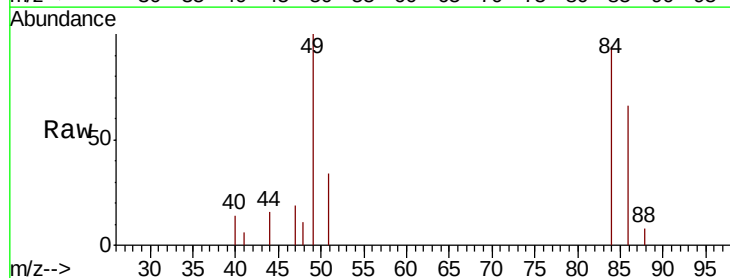
Instrument :
MSVOA_N
ClientSampled :

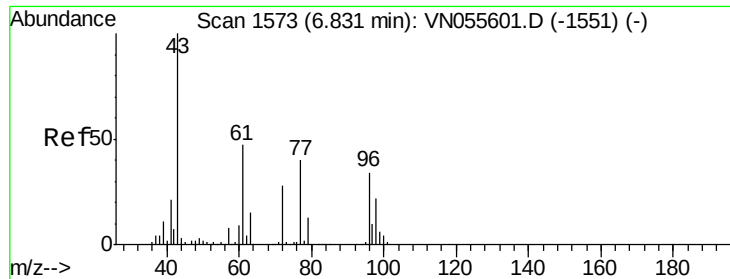
Tot Ion: 43 Resp: 4991
Ion Ratio Lower Upper
43 100
74 6.9 19.9 29.9#



#20
Methylene Chloride
Concen: 1.815 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN055714.D
Acq: 21 May 2019 17:06

Tgt Ion: 84 Resp: 8646
Ion Ratio Lower Upper
84 100
49 106.7 91.0 136.4
51 36.2 27.5 41.3
86 70.4 49.4 74.0





#25

2-Butanone

Concen: 3.336 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN055714.D

Acq: 21 May 2019 17:06

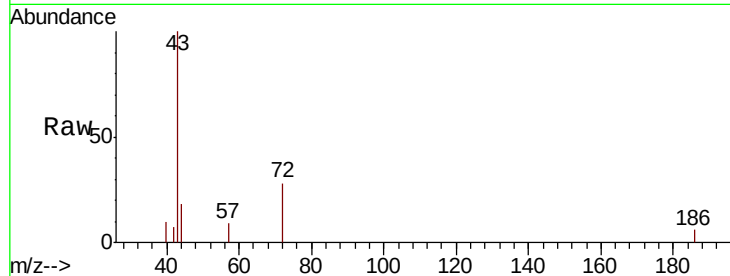
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 9734

Ion Ratio Lower Upper

43 100

72 27.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.84

3000

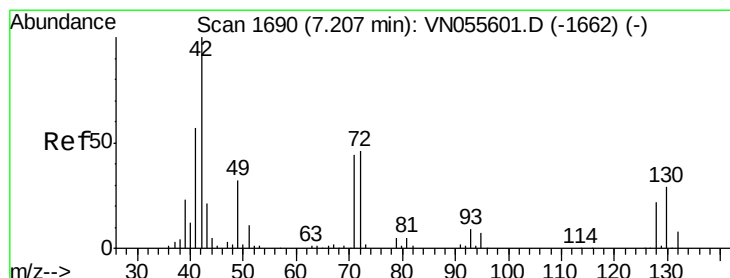
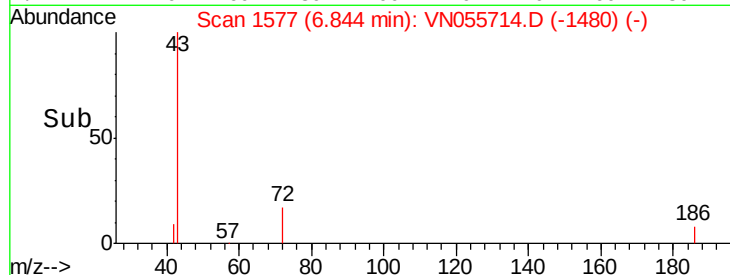
2000

1000

0

Time-->

6.75 6.80 6.85 6.90



#29

Tetrahydrofuran

Concen: 0.245 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VN055714.D

Acq: 21 May 2019 17:06

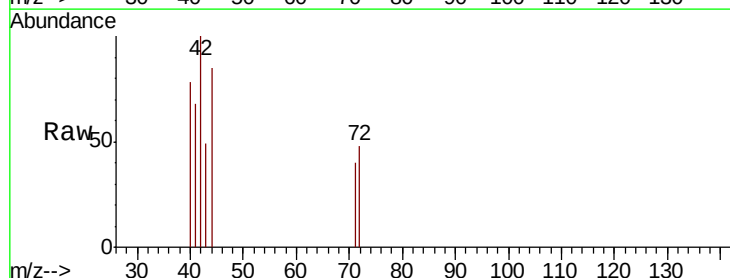
Tgt Ion: 42 Resp: 473

Ion Ratio Lower Upper

42 100

72 44.2 36.5 54.7

71 47.6 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

600

500

400

300

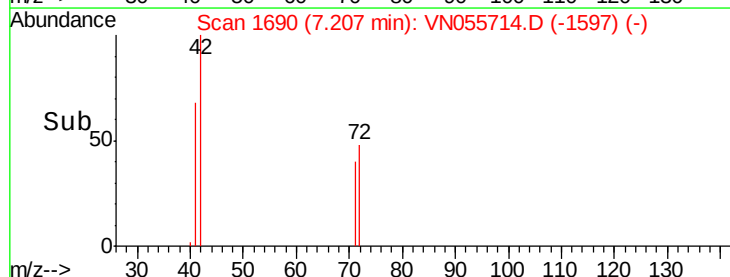
200

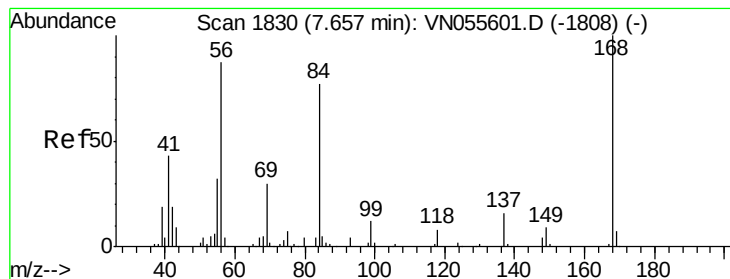
100

0

Time-->

7.18 7.19 7.20 7.21 7.22





#31

Cyclohexane

Concen: 0.768 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN055714.D

Acq: 21 May 2019 17:06

Instrument :

MSVOA_N

ClientSampleId :

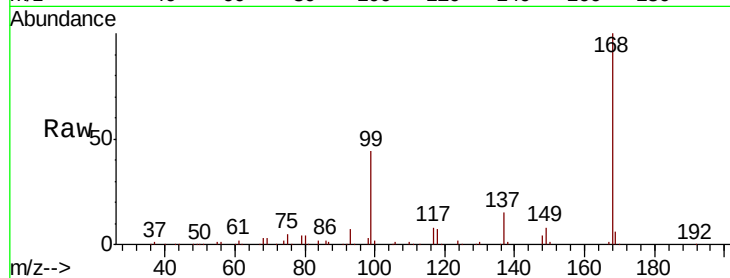
Tot Ion: 56 Resp: 5828

Ion Ratio Lower Upper

56 100

69 199.6 27.2 40.8#

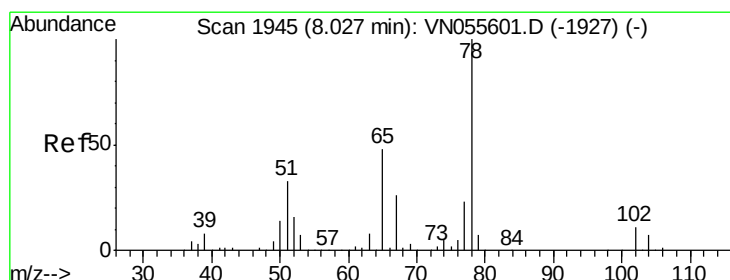
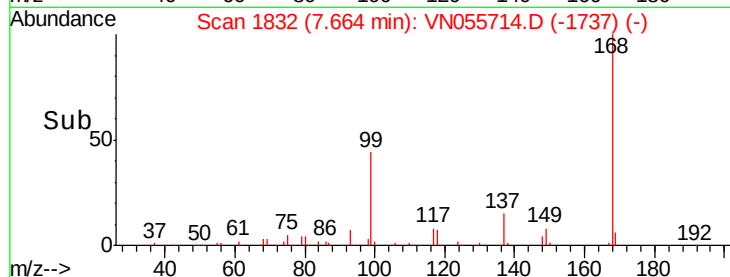
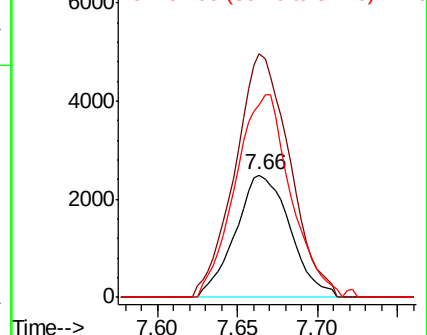
84 158.0 71.3 106.9#



Abundance Ion 56.00 (55.70 to 56.70): VN055714.D (-1808) (-)

Ion 69.00 (68.70 to 69.70): VN055714.D (-1808) (-)

Ion 84.00 (83.70 to 84.70): VN055714.D (-1808) (-)



#33

1,2-Dichloroethane-d4

Concen: 38.698 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055714.D

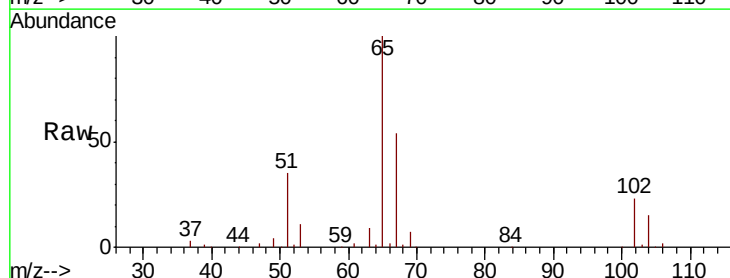
Acq: 21 May 2019 17:06

Tgt Ion: 65 Resp: 197901

Ion Ratio Lower Upper

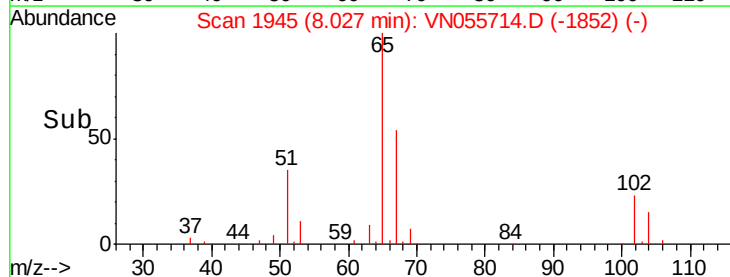
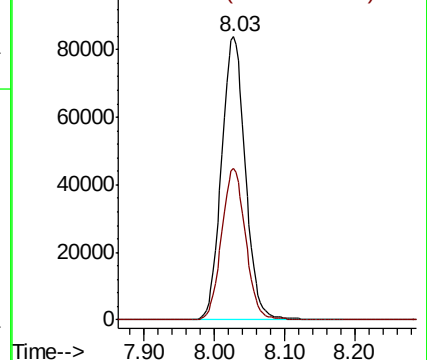
65 100

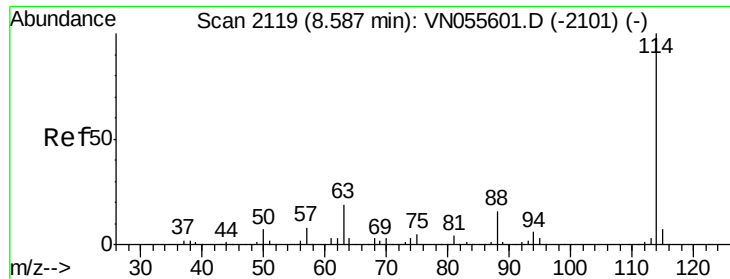
67 53.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN055714.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055714.D (-1852) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055714.D

Acq: 21 May 2019 17:06

Instrument :

MSVOA_N

ClientSampleId :

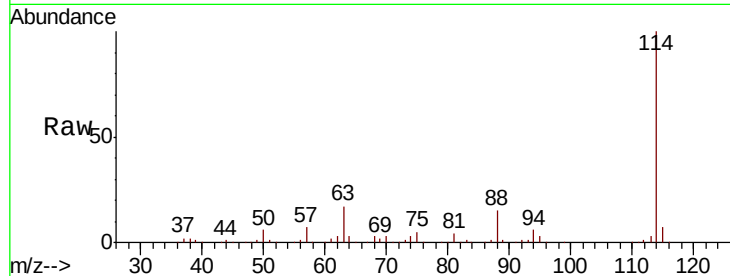
Tot Ion:114 Resp: 628241

Ion Ratio Lower Upper

114 100

63 17.4 0.0 38.2

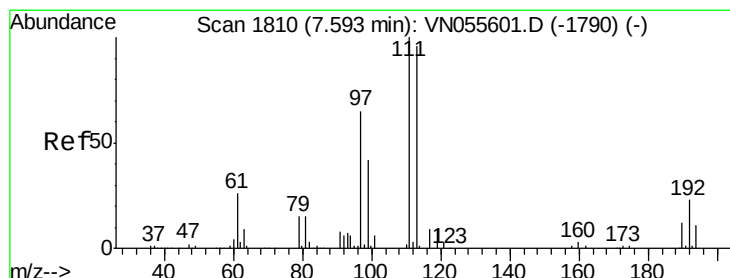
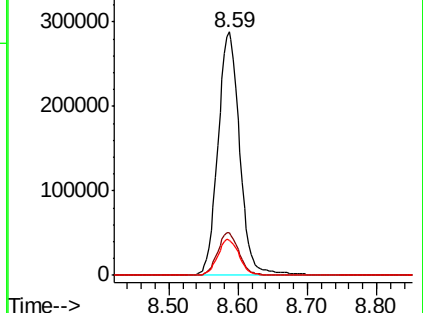
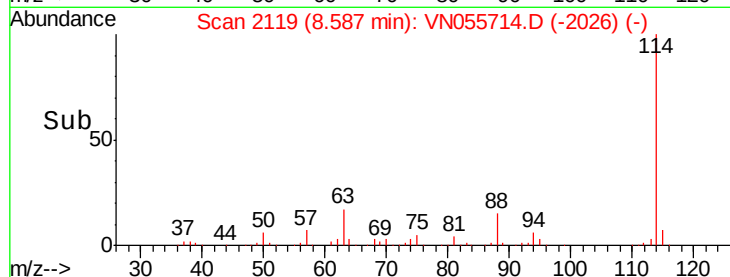
88 14.6 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.931 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055714.D

Acq: 21 May 2019 17:06

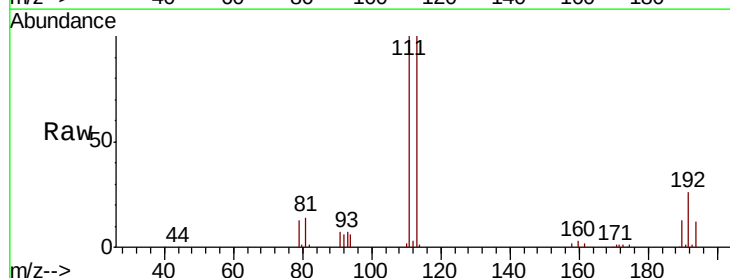
Tgt Ion:113 Resp: 191286

Ion Ratio Lower Upper

113 100

111 101.4 82.5 123.7

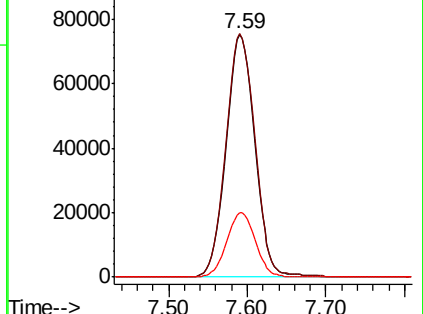
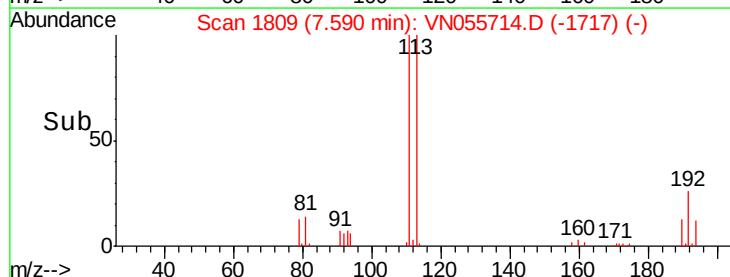
192 26.4 18.7 28.1

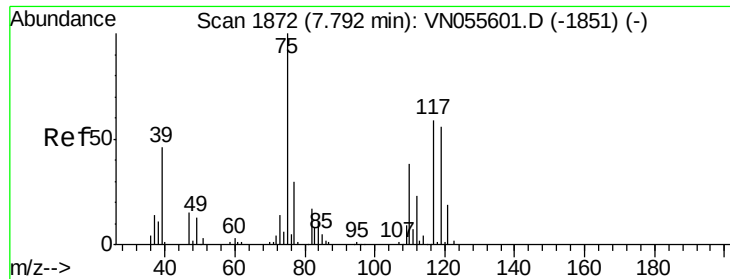


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.370 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN055714.D

Acq: 21 May 2019 17:06

Instrument :

MSVOA_N

ClientSampled :

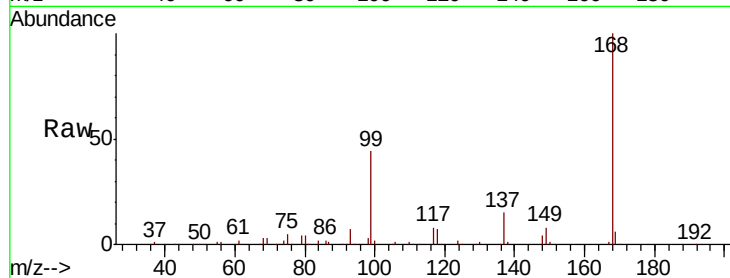
Tot Ion: 75 Resp: 24479

Ion Ratio Lower Upper

75 100

110 9.5 18.6 55.6#

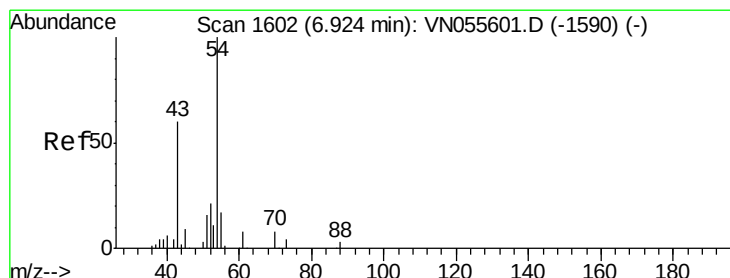
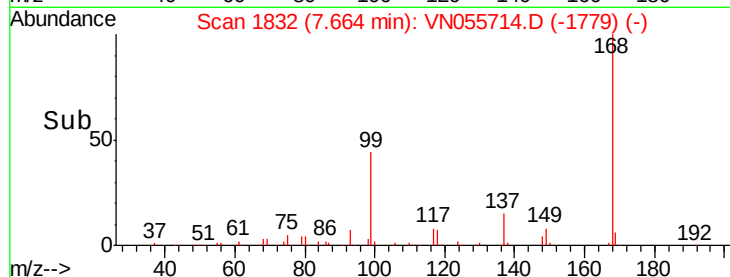
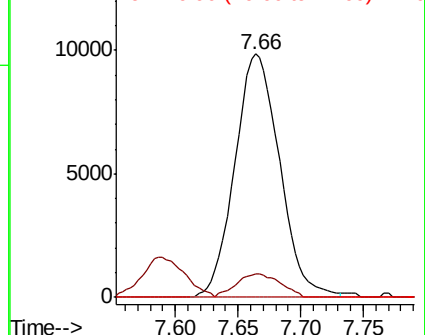
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 1.926 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. -0.08 min

Lab File: VN055714.D

Acq: 21 May 2019 17:06

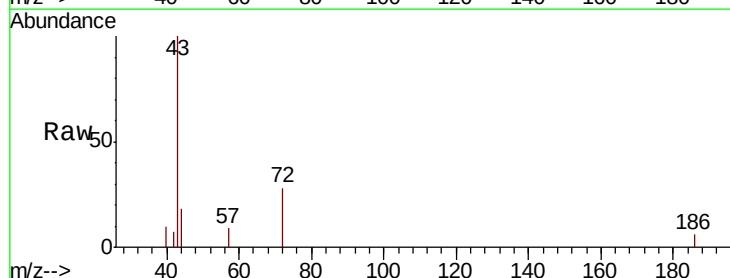
Tgt Ion: 43 Resp: 9734

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.0#

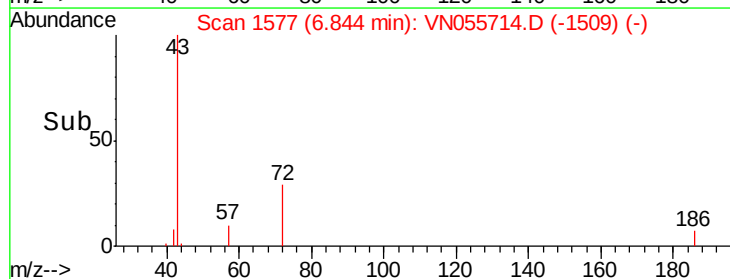
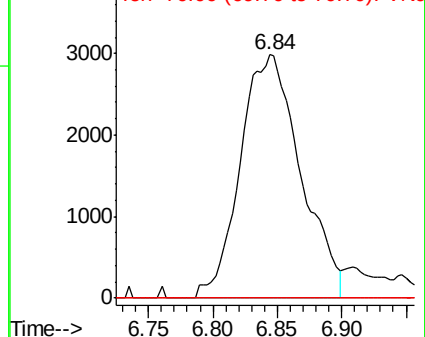
70 0.0 9.2 13.8#

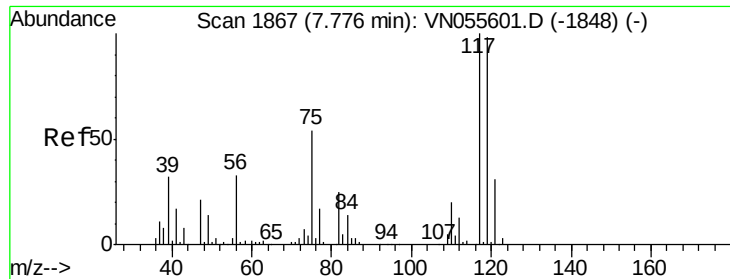


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 6.078 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055714.D

Acq: 21 May 2019 17:06

Instrument :

MSVOA_N

ClientSampleId :

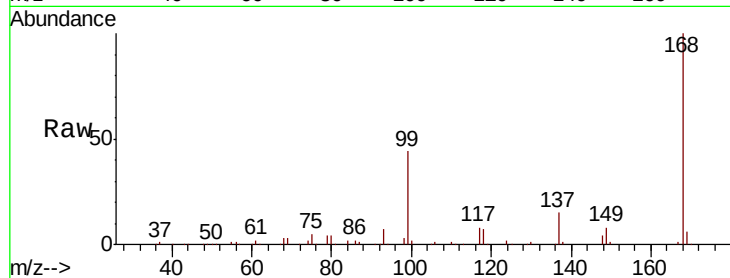
Tot Ion:117 Resp: 36381

Ion Ratio Lower Upper

117 100

119 5.0 77.8 116.8#

121 0.0 24.6 37.0#

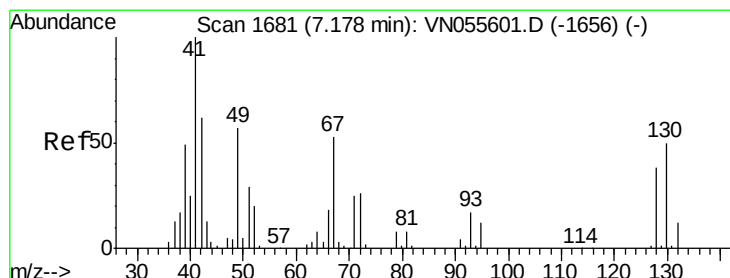
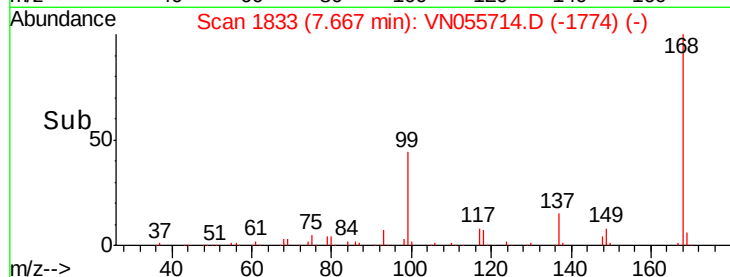
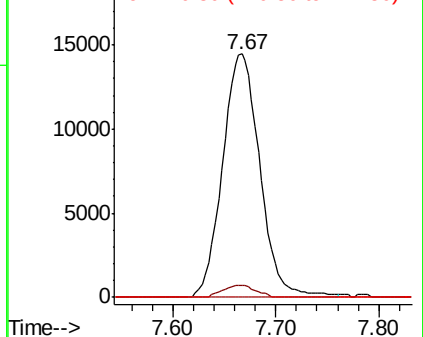


Abundance

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



#41

Methacrylonitrile

Concen: 0.228 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.04 min

Lab File: VN055714.D

Acq: 21 May 2019 17:06

Tgt Ion: 41 Resp: 493

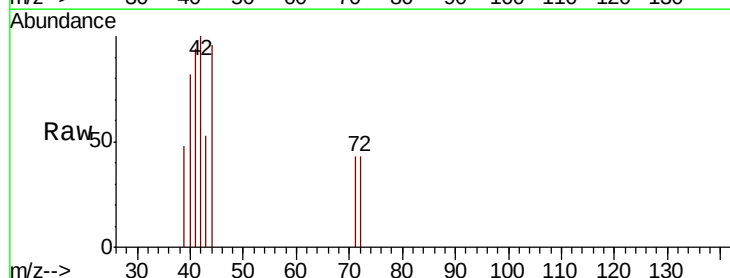
Ion Ratio Lower Upper

41 100

39 40.6 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0



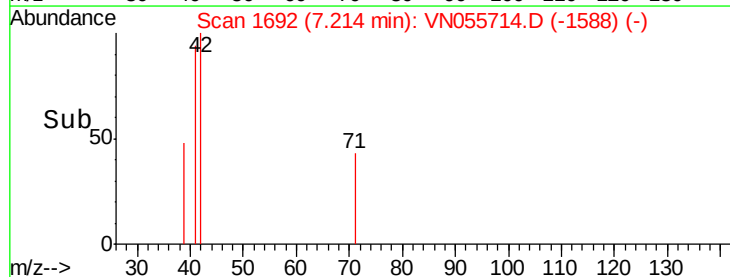
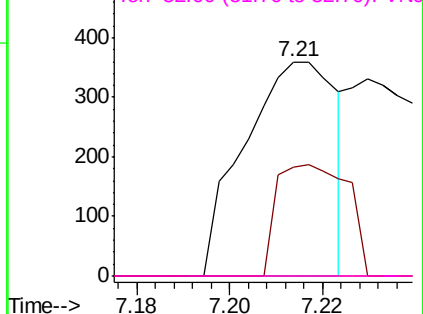
Abundance

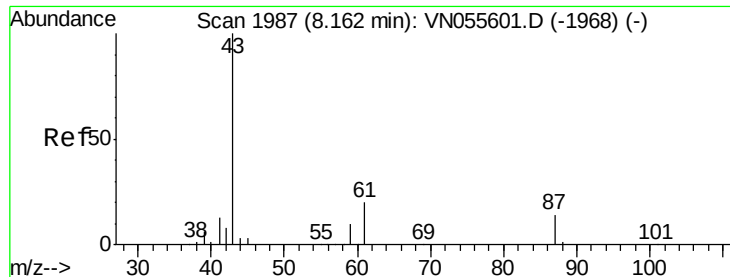
Ion 41.00 (40.70 to 41.70): VNO

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: 14.301 ug/l

RT: 8.21 min Scan# 2001

Delta R.T. 0.04 min

Lab File: VN055714.D

Acq: 21 May 2019 17:06

Instrument :

MSVOA_N

ClientSampleId :

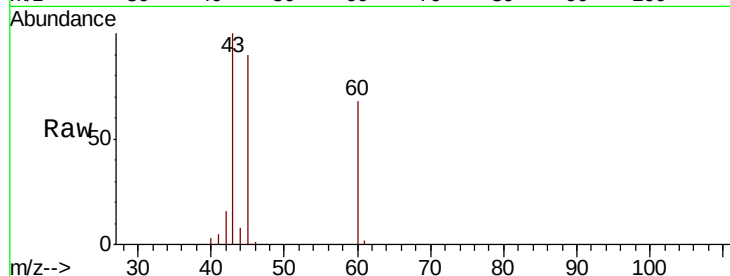
Tot Ion: 43 Resp: 125731

Ion Ratio Lower Upper

43 100

61 0.0 22.1 33.1#

87 0.0 11.8 17.6#



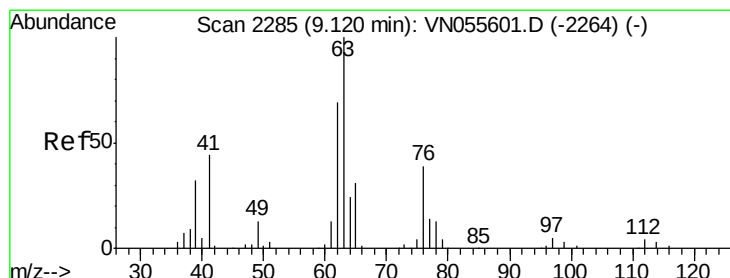
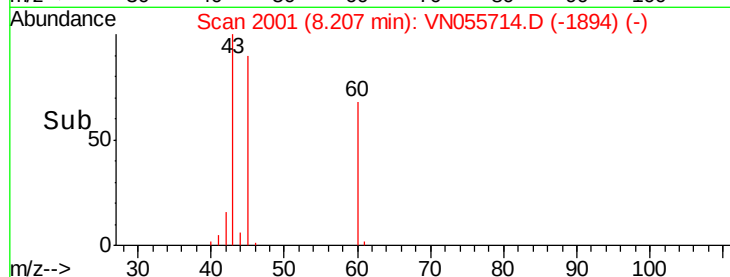
Abundance Ion 43.00 (42.70 to 43.70): VN055714.D (-2001) (-)

Ion 61.00 (60.70 to 61.70): VN055714.D (-2001) (-)

Ion 87.00 (86.70 to 87.70): VN055714.D (-2001) (-)

8.21

Time-->



#45

1,2-Dichloropropane

Concen: 0.341 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN055714.D

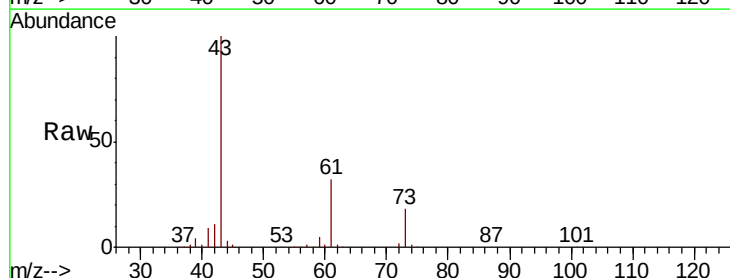
Acq: 21 May 2019 17:06

Tgt Ion: 63 Resp: 1479

Ion Ratio Lower Upper

63 100

65 0.0 25.2 37.8#

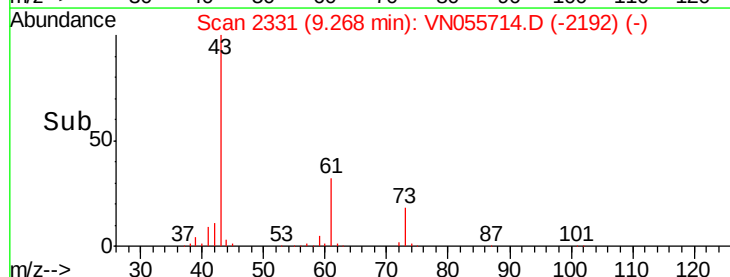


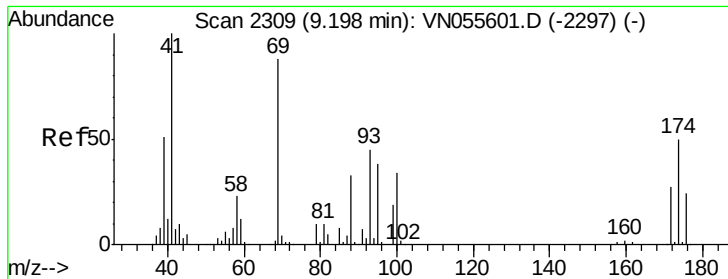
Abundance Ion 62.90 (62.60 to 63.60): VN055714.D (-2331) (-)

Ion 64.90 (64.60 to 65.60): VN055714.D (-2331) (-)

9.27

Time-->

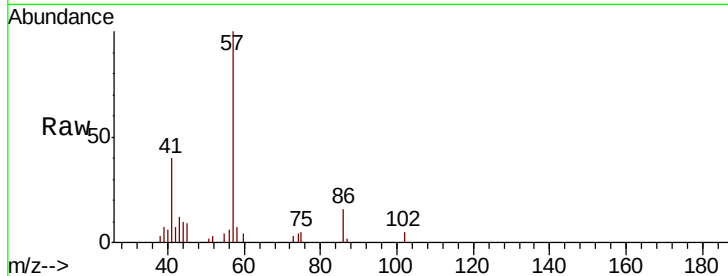




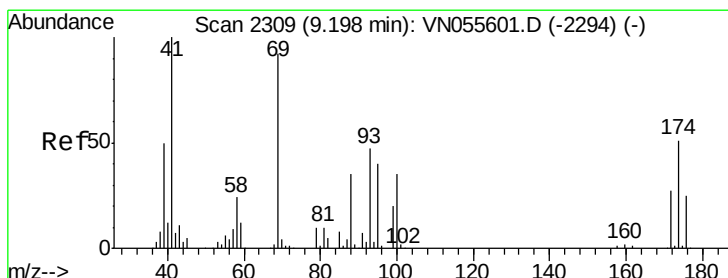
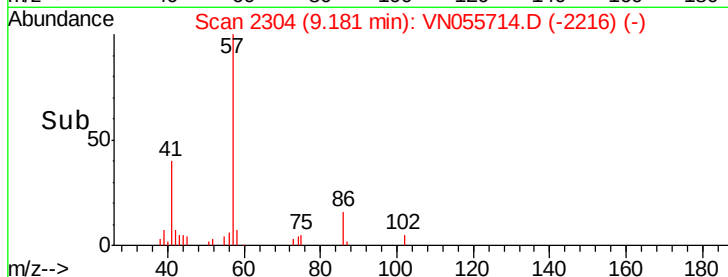
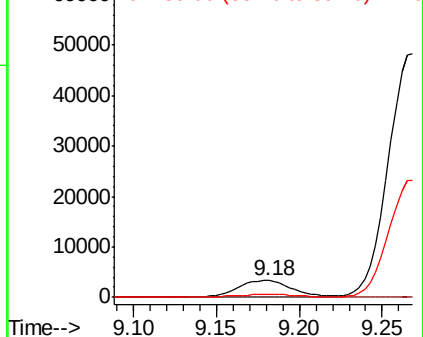
#48
Methvl methacrylate
Concen: 1.967 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN055714.D
Acq: 21 May 2019 17:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 7728
Ion Ratio Lower Upper
41 100
69 0.0 74.2 111.2#
39 19.2 43.8 65.8#

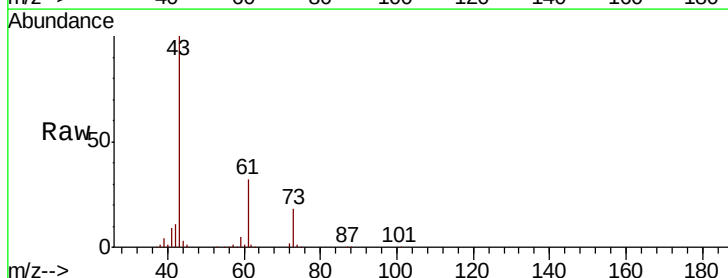


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

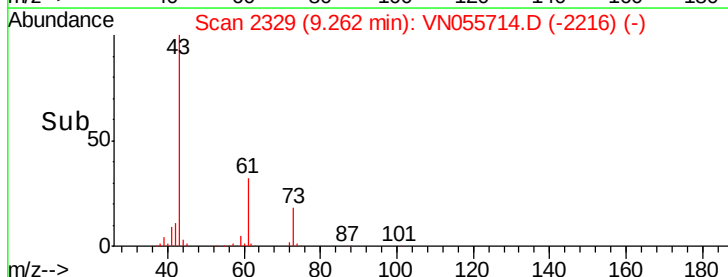
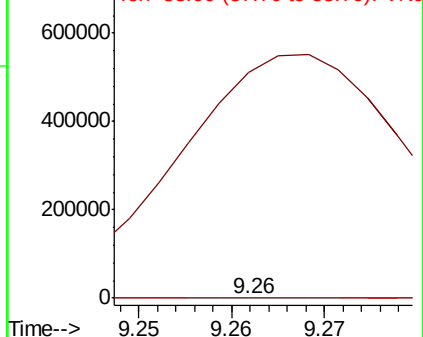


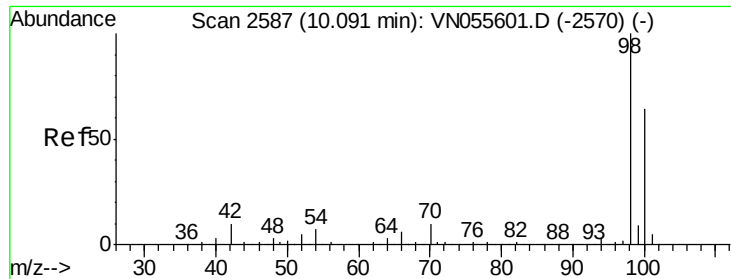
#49
1,4-Dioxane
Concen: 0.756 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.06 min
Lab File: VN055714.D
Acq: 21 May 2019 17:06

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 1785701.7 22.4 33.6#
58 6905.1 53.4 80.2#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0





#50

Toluene-d8

Concen: 47.703 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055714.D

Acq: 21 May 2019 17:06

Instrument :

MSVOA_N

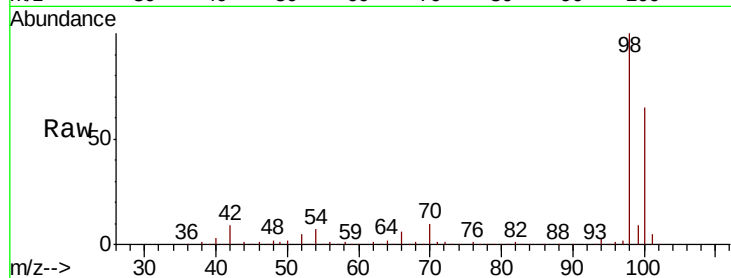
ClientSampled :

Tot Ion: 98 Resp: 719831

Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055714.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055714.D (-2494) (-)

10.09

400000

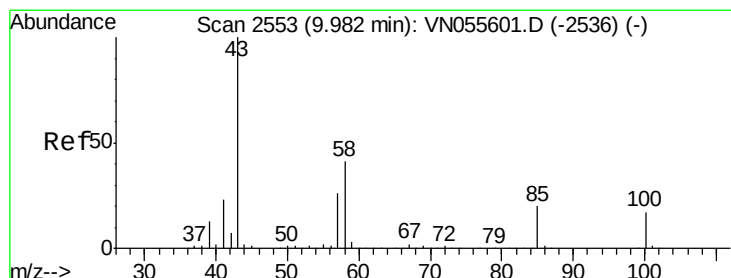
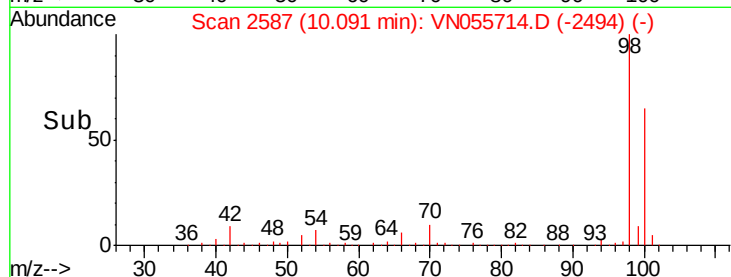
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.608 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055714.D

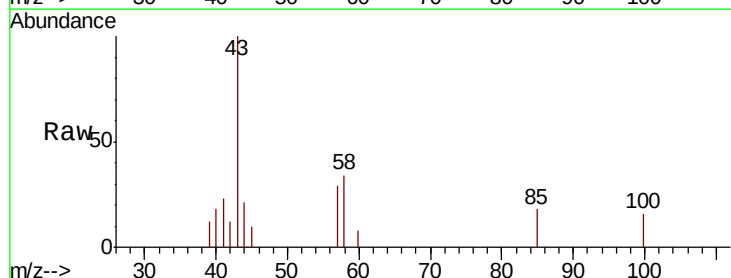
Acq: 21 May 2019 17:06

Tgt Ion: 43 Resp: 3138

Ion Ratio Lower Upper

43 100

58 40.3 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN055714.D (-2460) (-)

Ion 58.00 (57.70 to 58.70): VN055714.D (-2460) (-)

5000

4000

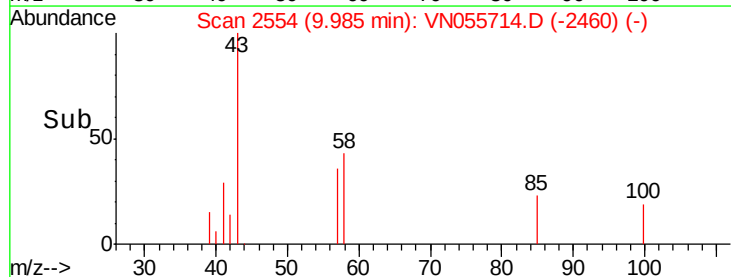
3000

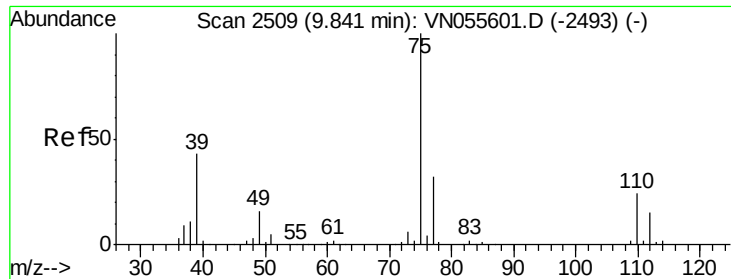
2000

1000

0

Time-->





#54

cis-1,3-Dichloropropene

Concen: 7.775 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055714.D

Acq: 21 May 2019 17:06

Instrument :
MSVOA_N
ClientSampled :

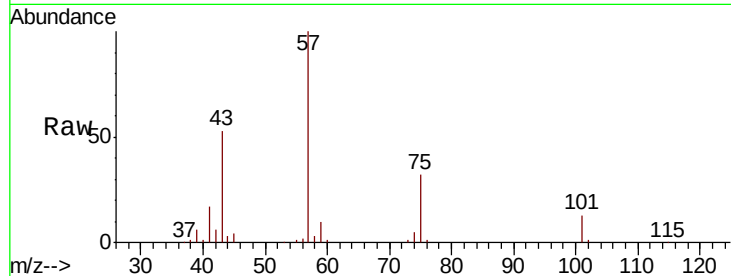
Tot Ion: 75 Resp: 54578

Ion Ratio Lower Upper

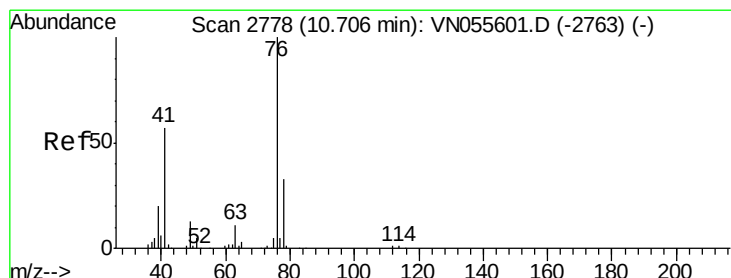
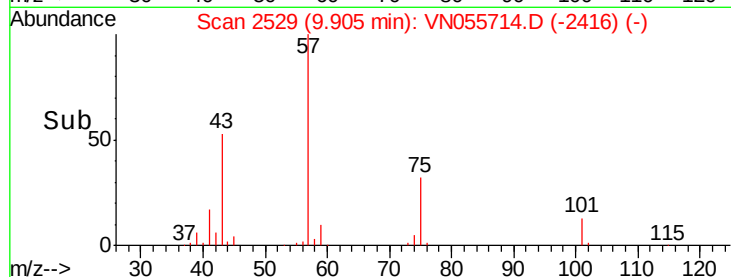
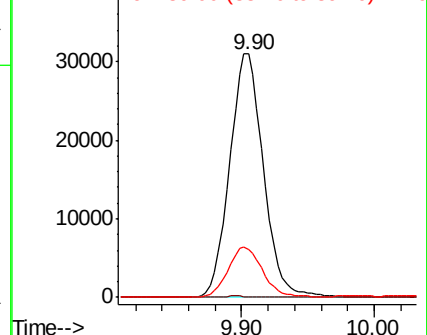
75 100

77 0.0 25.7 38.5#

39 19.7 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: 1.381 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.05 min

Lab File: VN055714.D

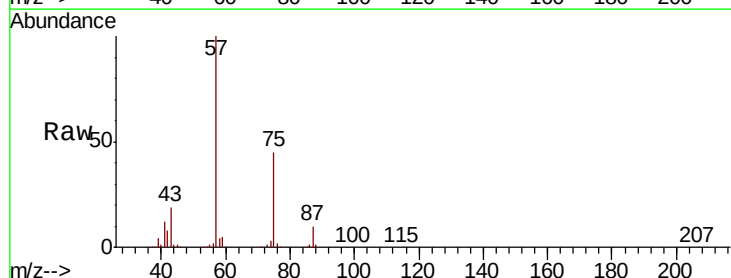
Acq: 21 May 2019 17:06

Tgt Ion: 76 Resp: 9306

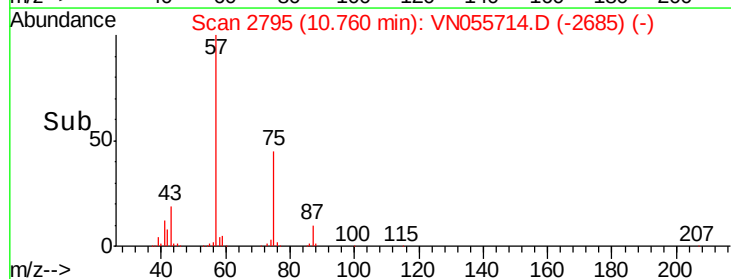
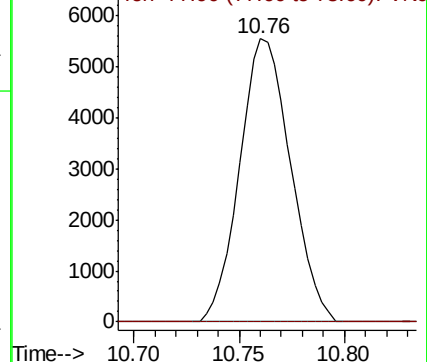
Ion Ratio Lower Upper

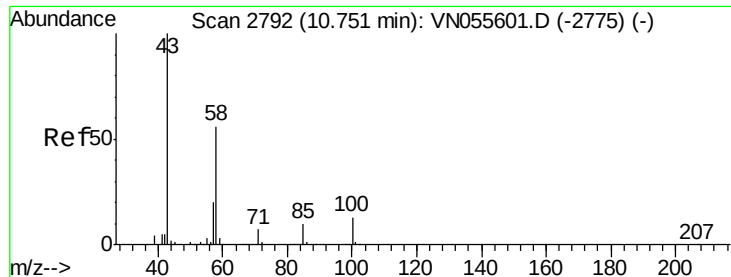
76 100

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

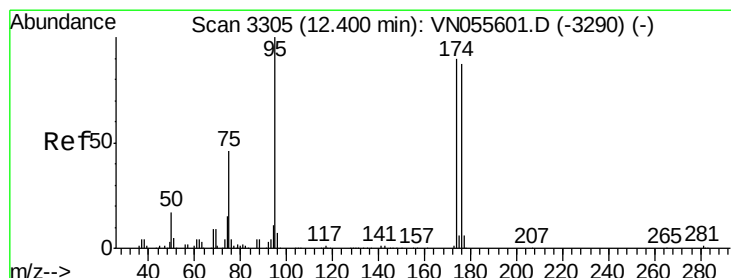
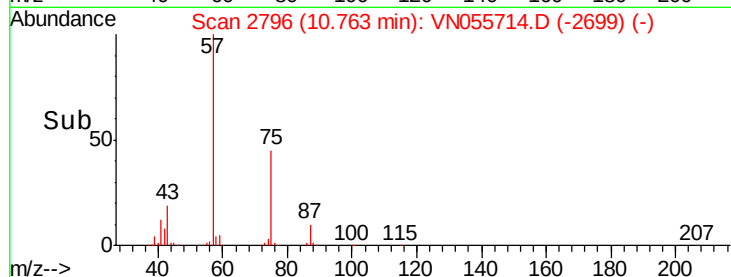
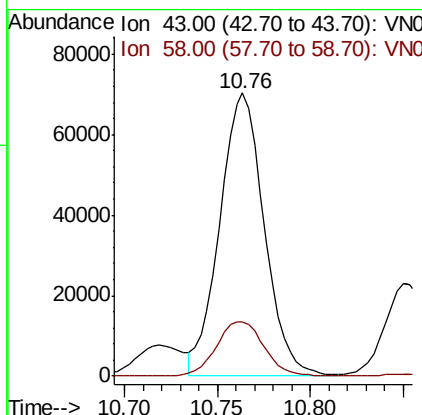
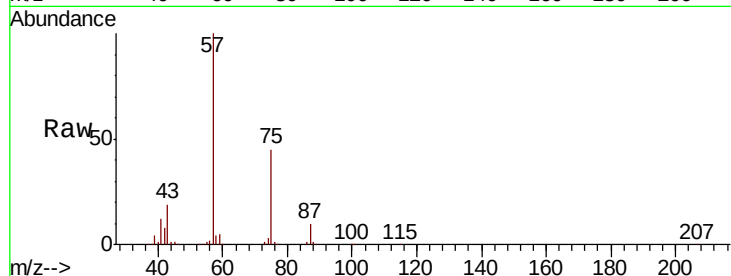




#59
2-Hexanone
Concen: 32.004 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055714.D
Acq: 21 May 2019 17:06

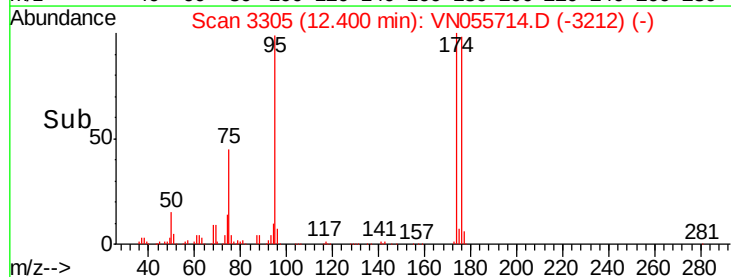
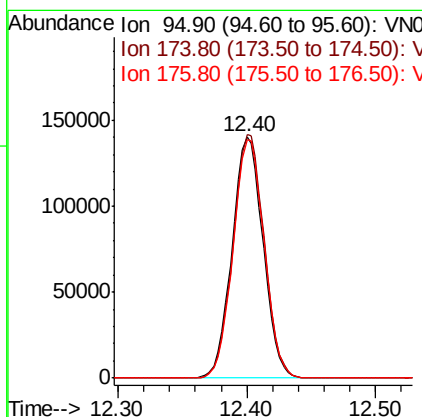
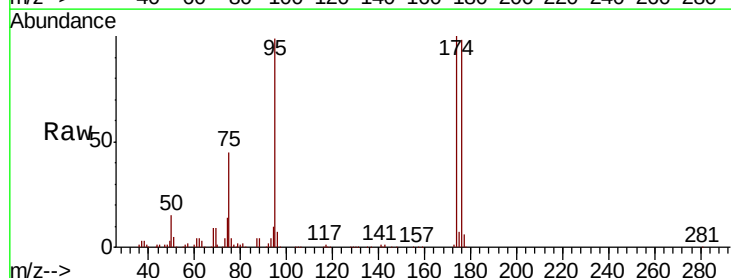
Instrument :
MSVOA_N
ClientSampled :

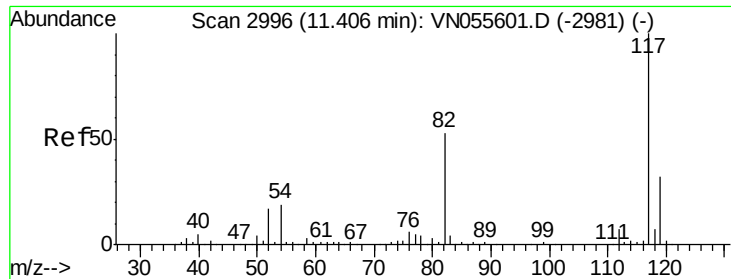
Tot Ion: 43 Resp: 116204
Ion Ratio Lower Upper
43 100
58 20.6 28.1 84.4#



#62
4-Bromofluorobenzene
Concen: 44.854 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055714.D
Acq: 21 May 2019 17:06

Tgt Ion: 95 Resp: 233725
Ion Ratio Lower Upper
95 100
174 101.6 0.0 180.6
176 99.3 0.0 177.4

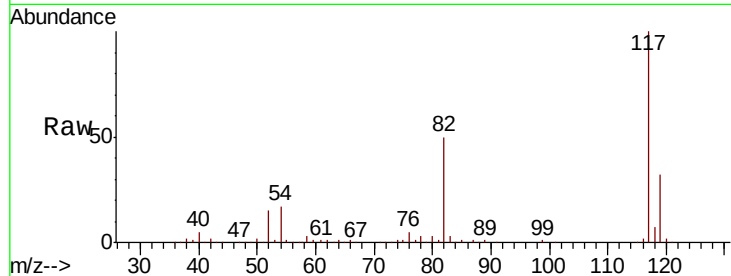




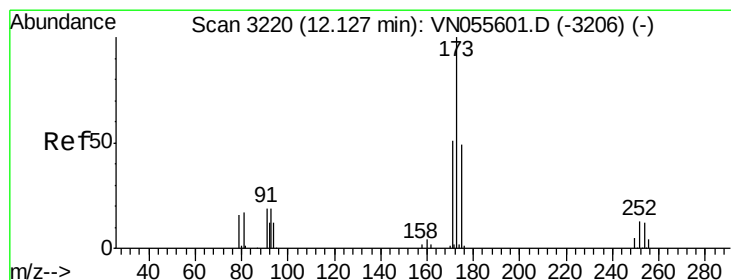
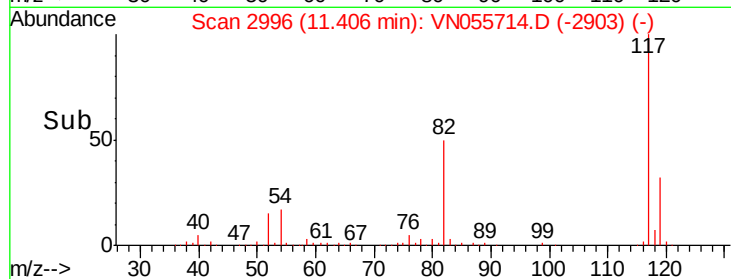
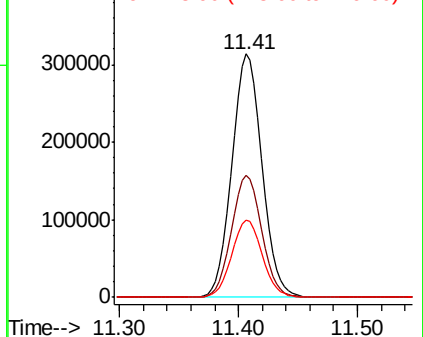
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055714.D
Acq: 21 May 2019 17:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 550010
Ion Ratio Lower Upper
117 100
82 50.3 42.3 63.5
119 31.8 25.4 38.2

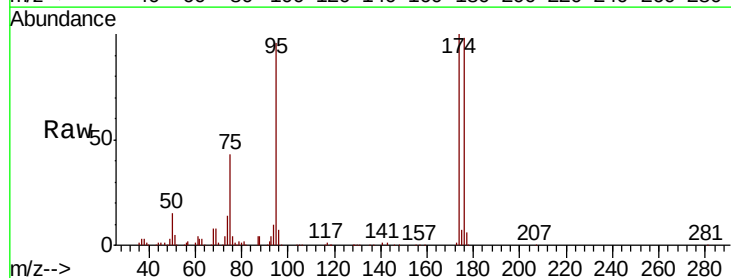


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

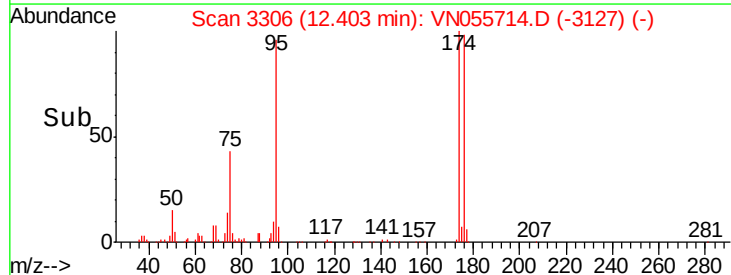
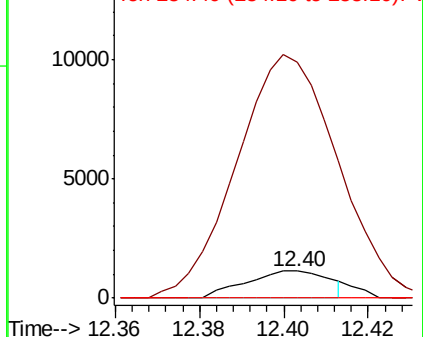


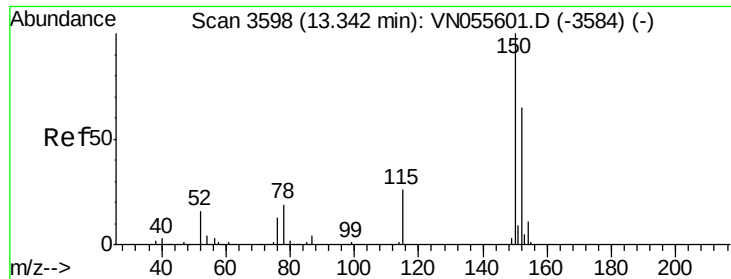
#71
Bromoform
Concen: 0.413 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN055714.D
Acq: 21 May 2019 17:06

Tgt Ion:173 Resp: 1567
Ion Ratio Lower Upper
173 100
175 966.4 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



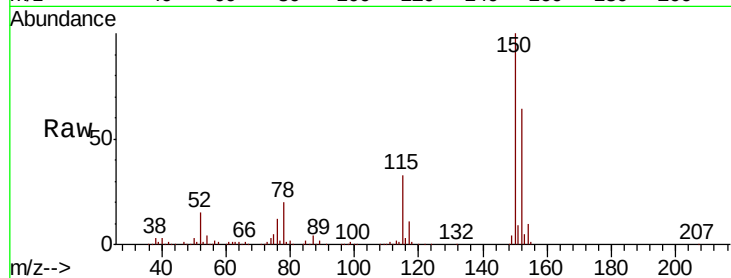


#72

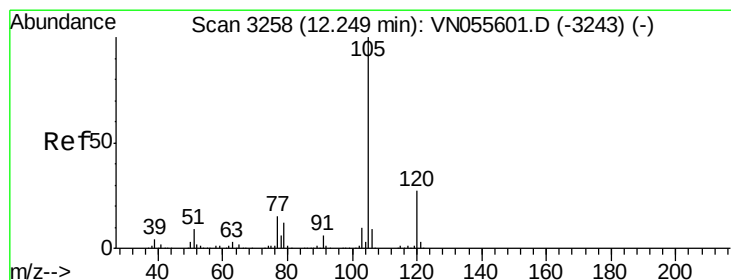
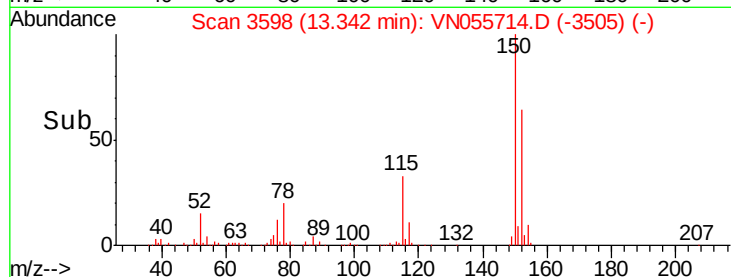
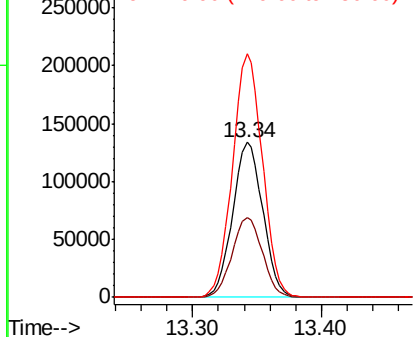
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055714.D
Acq: 21 May 2019 17:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:152 Resp: 217188
Ion Ratio Lower Upper
152 100
115 51.8 28.1 84.2
150 156.3 0.0 348.0



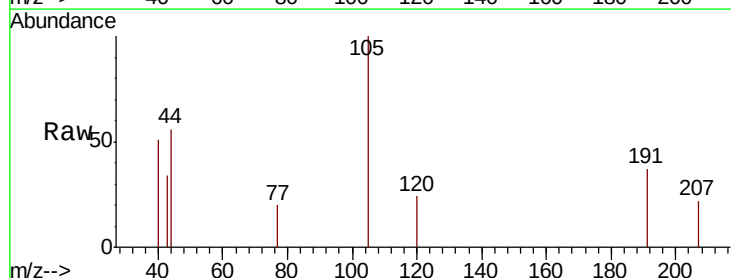
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



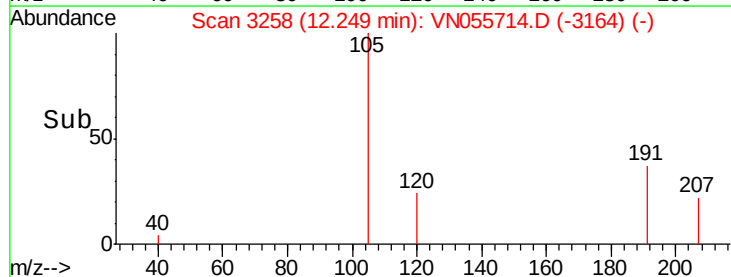
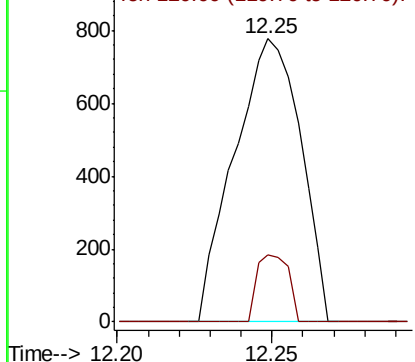
#73

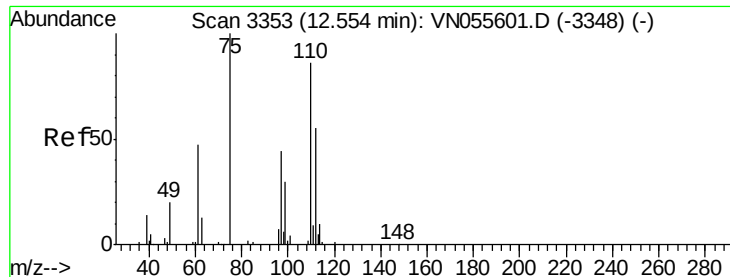
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055714.D
Acq: 21 May 2019 17:06

Tgt Ion:105 Resp: 1159
Ion Ratio Lower Upper
105 100
120 11.3 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 23.797 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055714.D

Acq: 21 May 2019 17:06

Instrument :

MSVOA_N

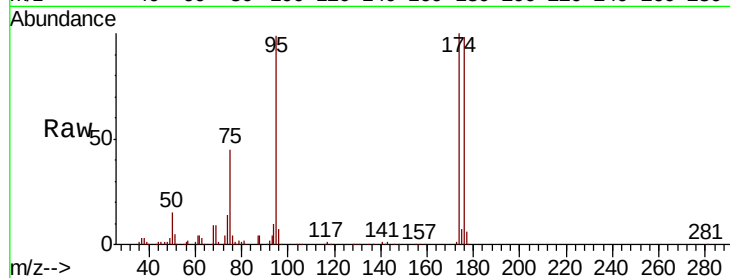
ClientSampleId :

Tot Ion: 75 Resp: 105462

Ion Ratio Lower Upper

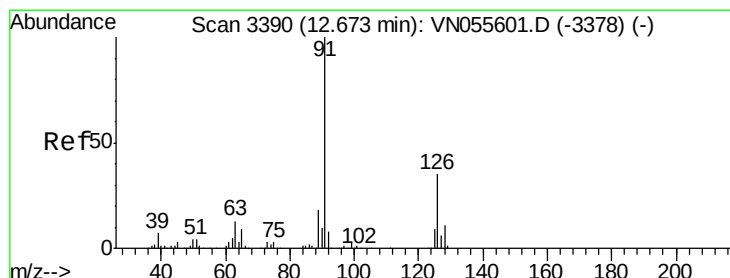
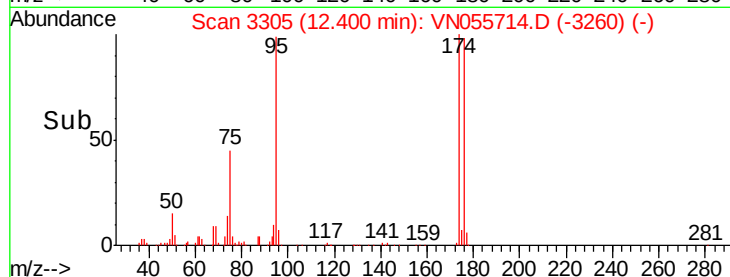
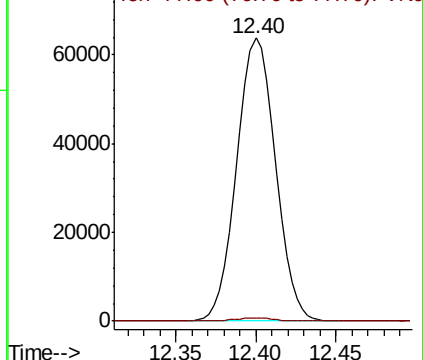
75 100

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: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN055714.D

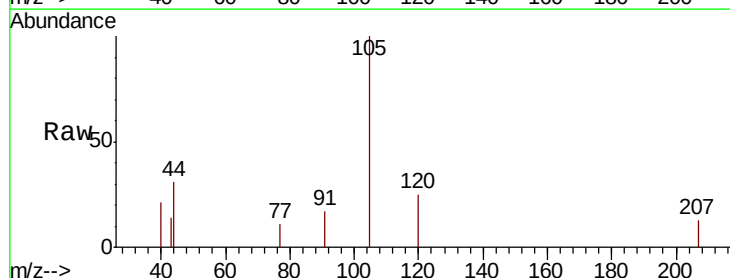
Acq: 21 May 2019 17:06

Tgt Ion: 91 Resp: 463

Ion Ratio Lower Upper

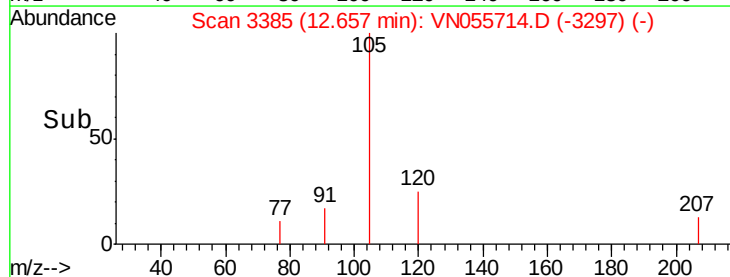
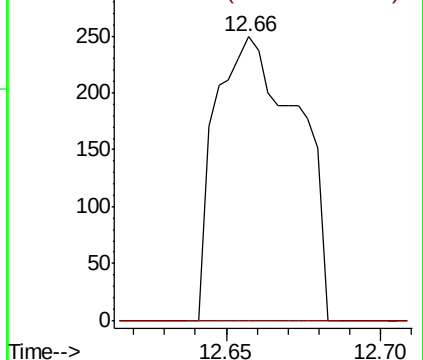
91 100

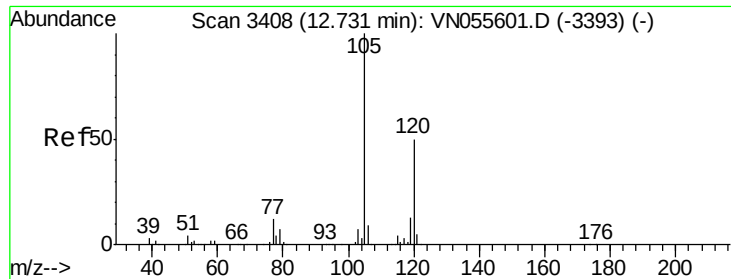
126 0.0 17.8 53.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

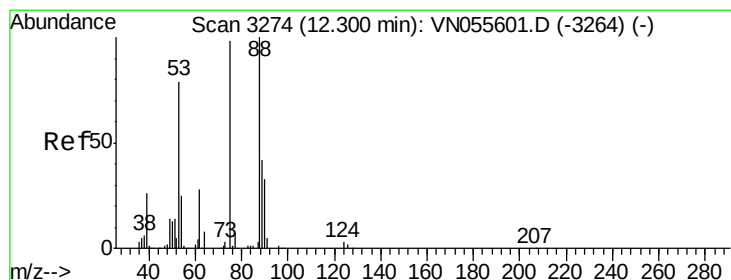
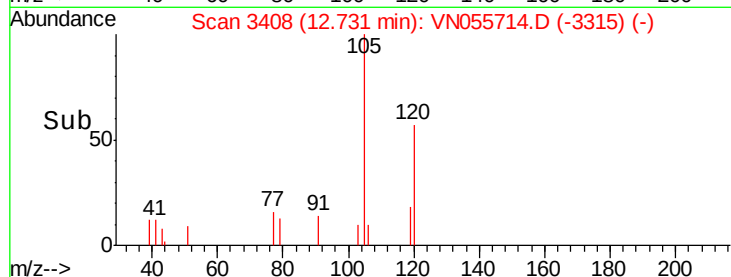
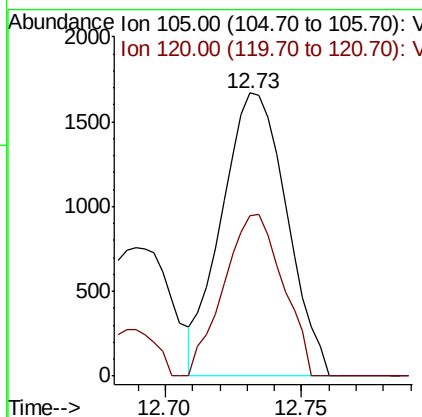
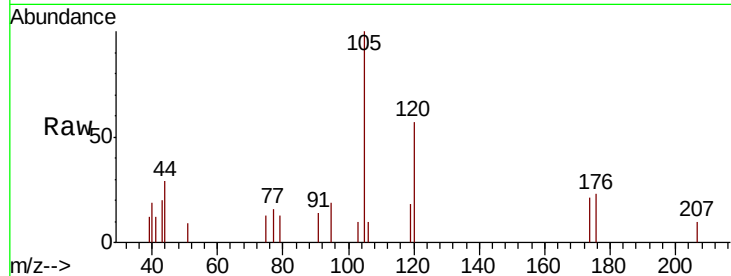




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055714.D
 Acq: 21 May 2019 17:06

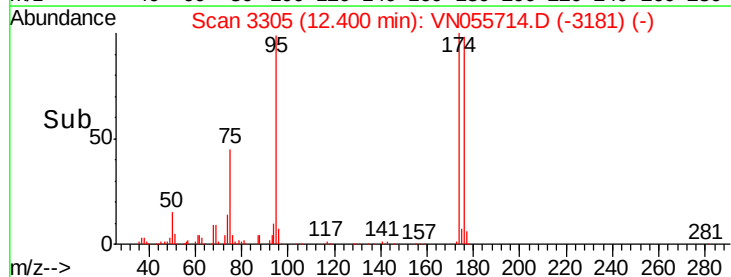
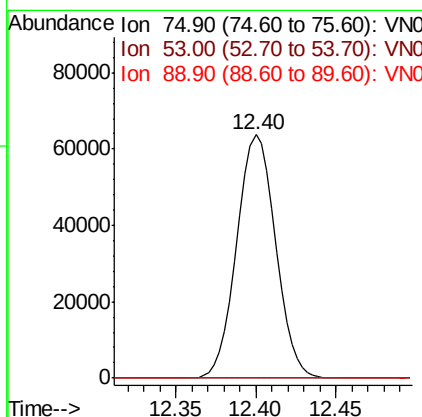
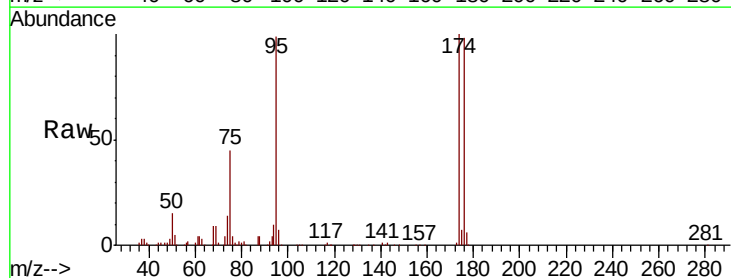
Instrument :
 MSVOA_N
 ClientSampleId :

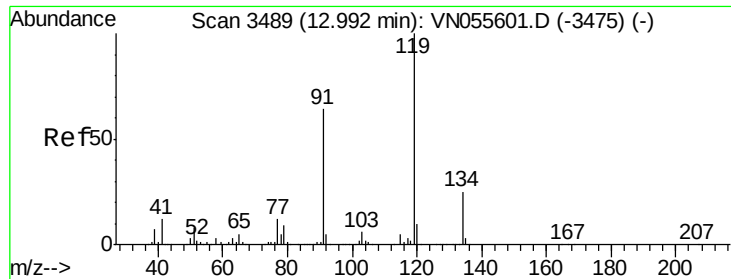
Tot Ion:105 Resp: 2767
 Ion Ratio Lower Upper
 105 100
 120 51.9 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.172 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055714.D
 Acq: 21 May 2019 17:06

Tgt Ion: 75 Resp: 105462
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.1 97.7#
 89 0.0 36.4 54.6#

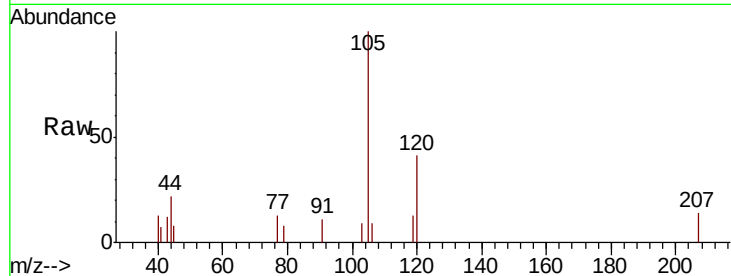




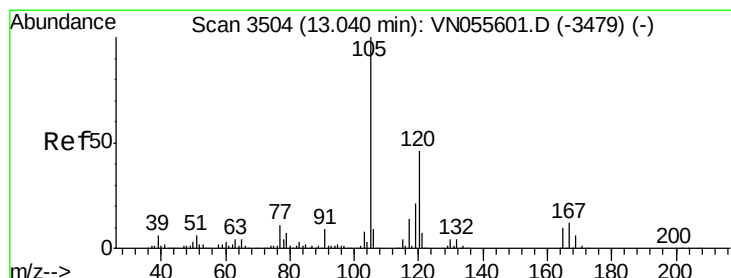
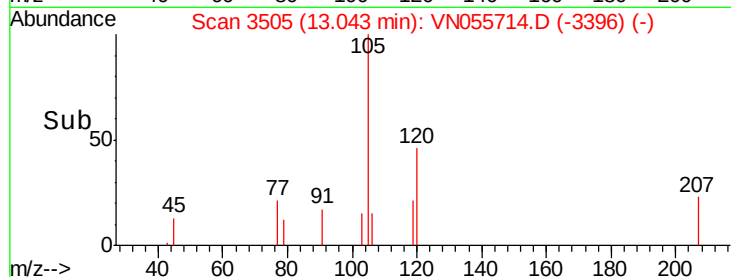
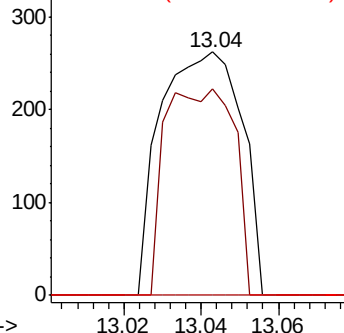
#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.05 min
 Lab File: VN055714.D
 Acq: 21 May 2019 17:06

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 382
 Ion Ratio Lower Upper
 119 100
 91 72.0 31.3 93.8
 134 0.0 13.2 39.6#

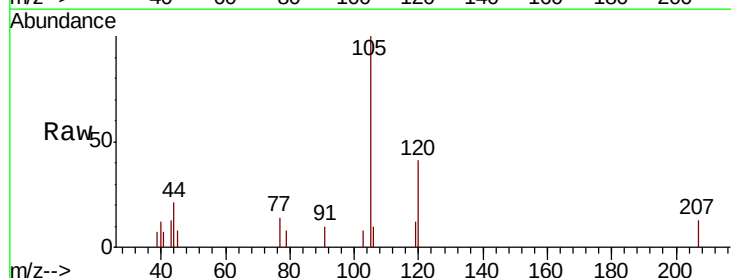


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

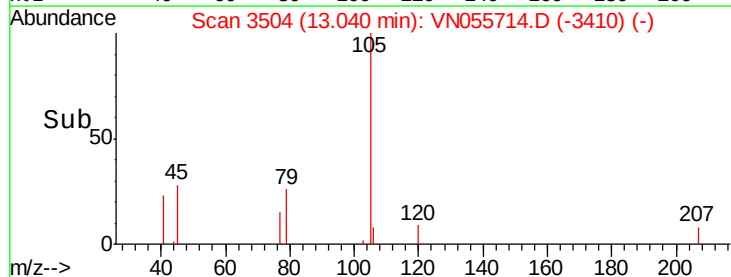
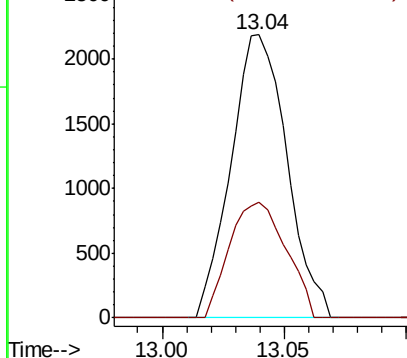


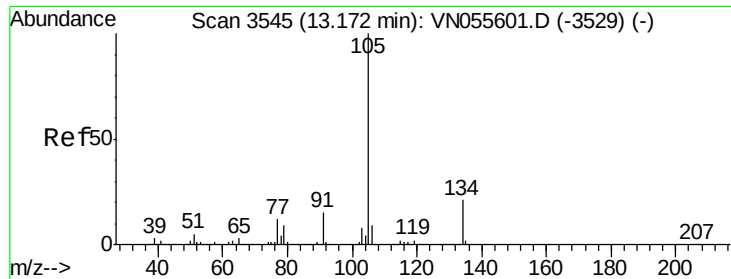
#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055714.D
 Acq: 21 May 2019 17:06

Tgt Ion:105 Resp: 3478
 Ion Ratio Lower Upper
 105 100
 120 41.5 23.1 69.2



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: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN055714.D

Acq: 21 May 2019 17:06

Instrument :

MSVOA_N

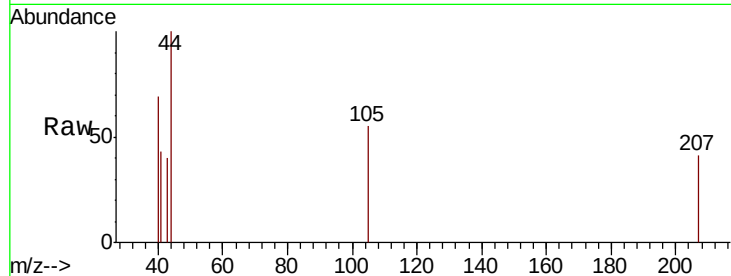
ClientSampled :

Tot Ion:105 Resp: 304

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

250

200

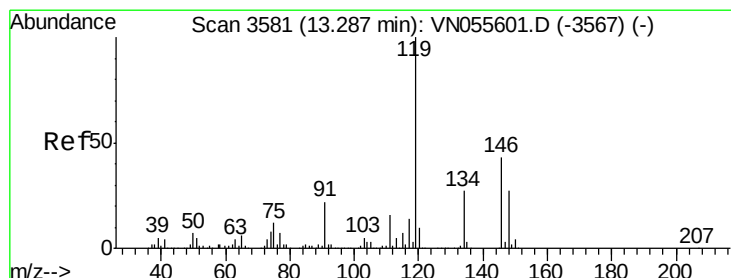
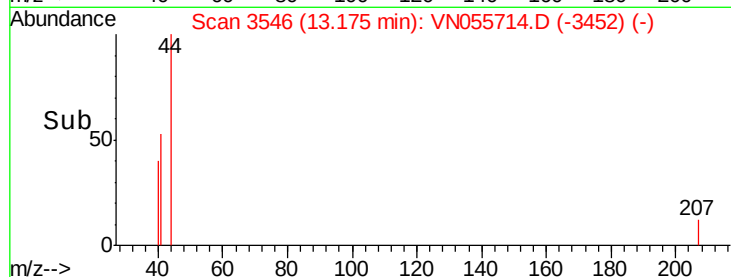
150

100

50

0

Time--> 13.14 13.16 13.18



#86

p-Isopropyltoluene

Concen: Below Cal

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN055714.D

Acq: 21 May 2019 17:06

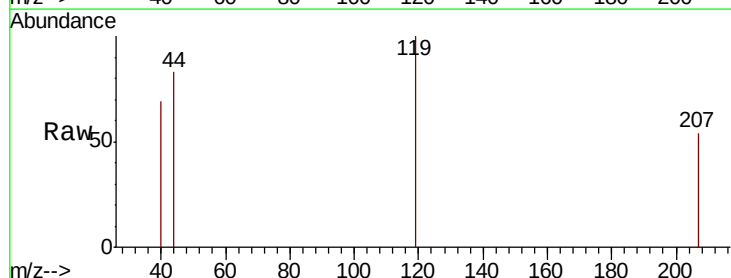
Tgt Ion:119 Resp: 686

Ion Ratio Lower Upper

119 100

134 0.0 13.4 40.2#

91 0.0 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

13.29

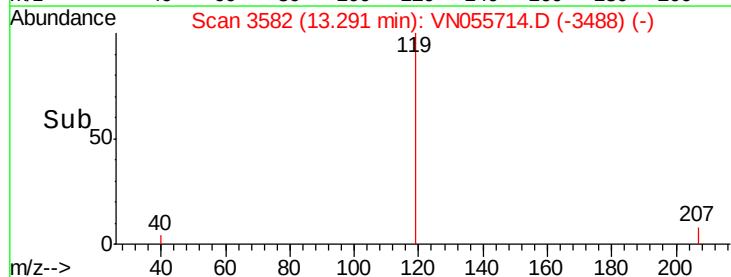
600

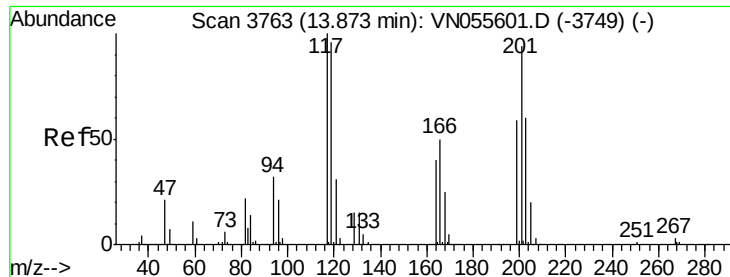
400

200

0

Time--> 13.26 13.28 13.30 13.32





#90

Hexachloroethane

Concen: Below Cal

RT: 13.95 min Scan# 3786

Delta R.T. 0.07 min

Lab File: VN055714.D

Acq: 21 May 2019 17:06

Instrument :

MSVOA_N

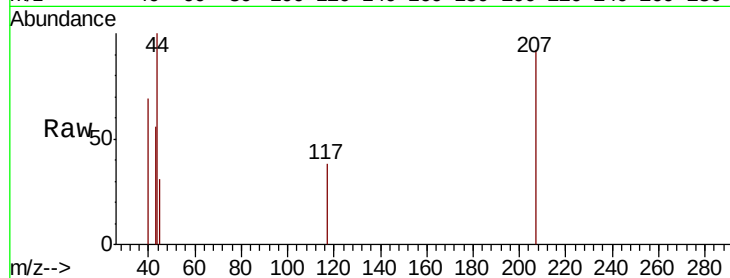
ClientSampled :

Tot Ion:117 Resp: 192

Ion Ratio Lower Upper

117 100

201 0.0 47.1 141.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.95

200

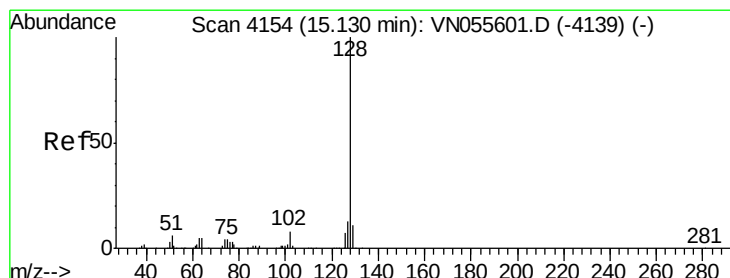
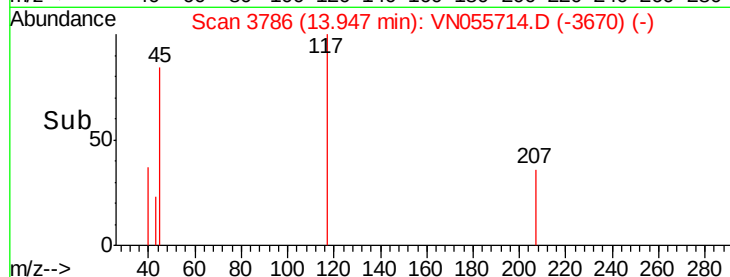
150

100

50

0

Time--> 13.92 13.94 13.96



#95

Naphthalene

Concen: 2.107 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055714.D

Acq: 21 May 2019 17:06

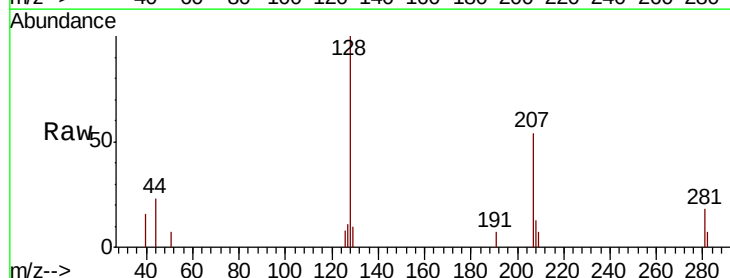
Tgt Ion:128 Resp: 4009

Ion Ratio Lower Upper

128 100

127 8.7 10.2 15.4#

129 7.3 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

3000

2500

2000

1500

1000

500

0

Time--> 15.10 15.15

