

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
 Data File : VN055707.D
 Acq On : 21 May 2019 14:17
 Operator : JC/SP
 Sample : K2959-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 22 05:12:13 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	410596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	575887	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	491490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	175145	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	183112	40.68	ug/l	0.00
Spiked Amount			Recovery	=	81.36%	
35) Dibromofluoromethane	7.59	113	175270	47.91	ug/l	0.00
Spiked Amount			Recovery	=	95.82%	
50) Toluene-d8	10.09	98	656442	47.46	ug/l	0.00
Spiked Amount			Recovery	=	94.92%	
62) 4-Bromofluorobenzene	12.40	95	206464	43.22	ug/l	0.00
Spiked Amount			Recovery	=	86.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	2153	2.565	ug/l #	74
16) Acetone	3.82	43	9833	5.353	ug/l	93
18) Methyl Acetate	4.33	43	3573	0.907	ug/l #	81
20) Methylene Chloride	4.56	84	4433	1.058	ug/l	94
25) 2-Butanone	6.84	43	10307	4.013	ug/l	94
29) Tetrahydrofuran	7.21	42	624	0.367	ug/l #	65
31) Cyclohexane	7.67	56	5773	0.865	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	23166	4.512	ug/l #	49
37) Ethyl Acetate	6.84	43	10307	2.225	ug/l #	67
38) Carbon Tetrachloride	7.66	117	32458	5.916	ug/l #	15
40) Benzene	8.04	78	3588	0.238	ug/l	99
43) Isopropyl Acetate	8.16	43	13266	1.646	ug/l #	91
45) 1,2-Dichloropropane	9.27	63	1506	0.379	ug/l #	43
48) Methyl methacrylate	9.18	41	8895	2.469	ug/l #	22
51) 4-Methyl-2-Pentanone	9.98	43	3881	0.821	ug/l	99
52) Toluene	10.16	92	4452	0.470	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	54434	8.459	ug/l #	58
57) 1,3-Dichloropropane	10.76	76	10142	1.642	ug/l #	42
59) 2-Hexanone	10.76	43	134154	40.306	ug/l #	52
68) m/p-Xylenes	11.62	106	2567	0.384	ug/l	89
69) o-Xylene	11.95	106	1550	0.237	ug/l	96
71) Bromoform	12.40	173	1545	0.456	ug/l #	1
73) Isopropylbenzene	12.25	105	1192	Below Cal		75
74) N-amyl acetate	12.03	43	1407	0.286	ug/l #	42
76) 1,2,3-Trichloropropane	12.40	75	93019	26.028	ug/l #	100
79) 2-Chlorotoluene	12.68	91	824	Below Cal		93
80) 1,3,5-Trimethylbenzene	12.73	105	2136	Below Cal		98
81) trans-1,4-Dichloro-2-buten	12.40	75	93019	66.906	ug/l #	17
83) tert-Butylbenzene	12.99	119	826	Below Cal	#	82
84) 1,2,4-Trimethylbenzene	13.04	105	2820	Below Cal		97
85) sec-Butylbenzene	13.17	105	1705	Below Cal		84
86) p-Isopropyltoluene	13.29	119	1901	Below Cal		94
87) 1,3-Dichlorobenzene	13.28	146	1250	0.210	ug/l #	70
88) 1,4-Dichlorobenzene	13.36	146	1338	0.236	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

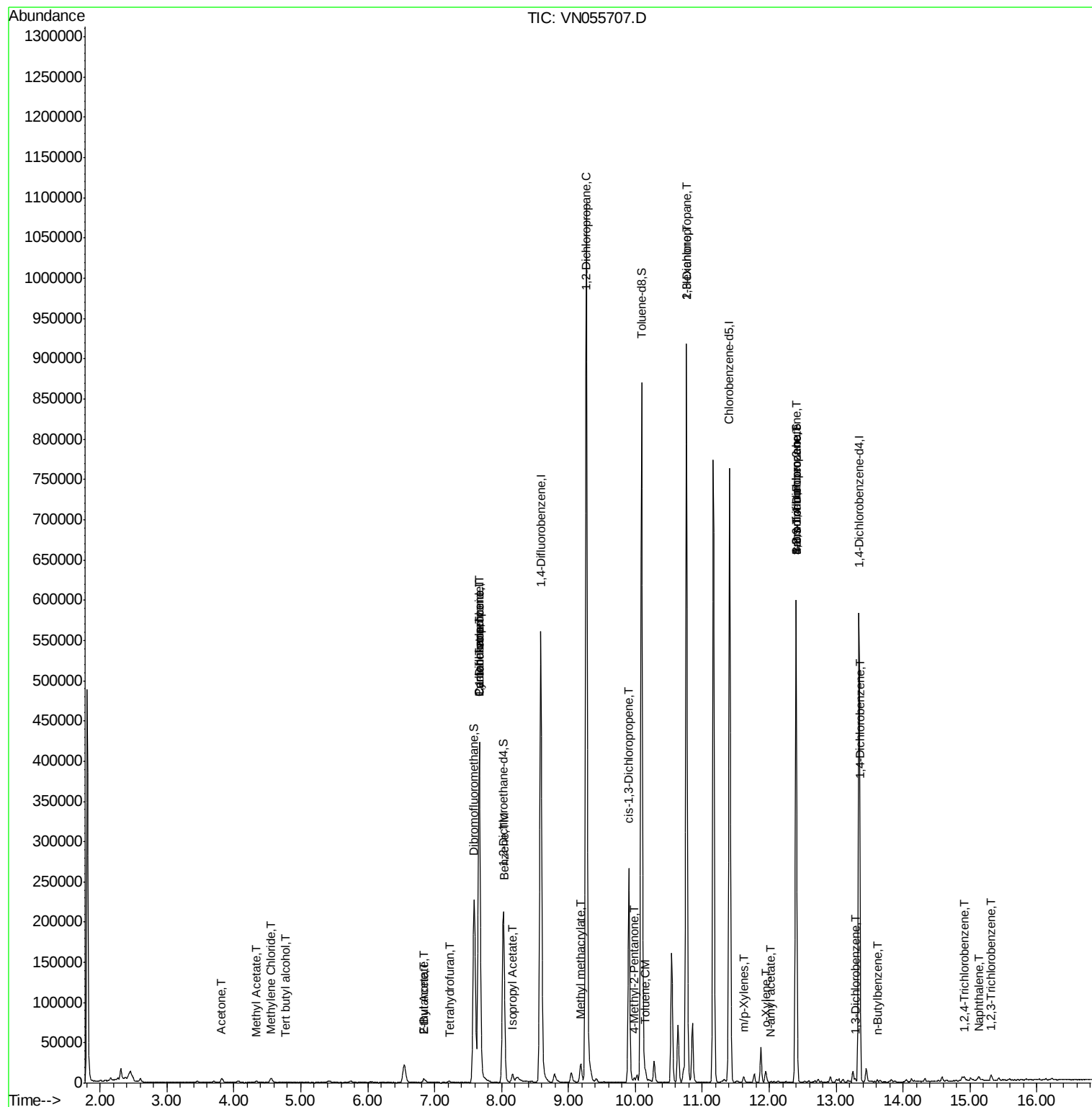
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.61	91	2323	0.242	ug/l	95
93) 1,2,4-Trichlorobenzene	14.90	180	1888	0.626	ug/l	94
94) Hexachlorobutadiene	15.00	225	660	Below Cal		90
95) Naphthalene	15.13	128	5782	2.377	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	2607	0.826	ug/l	96

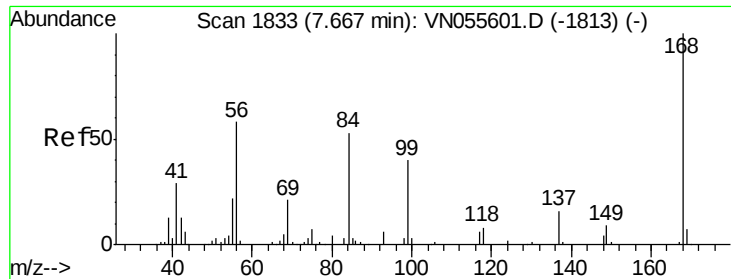
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055707.D

Acq: 21 May 2019 14:17

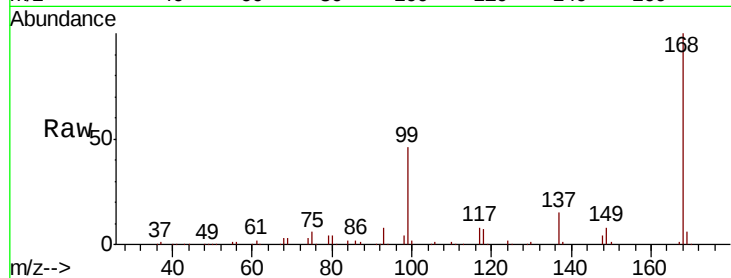
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 410596

Ion Ratio Lower Upper

168 100

99 46.1 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

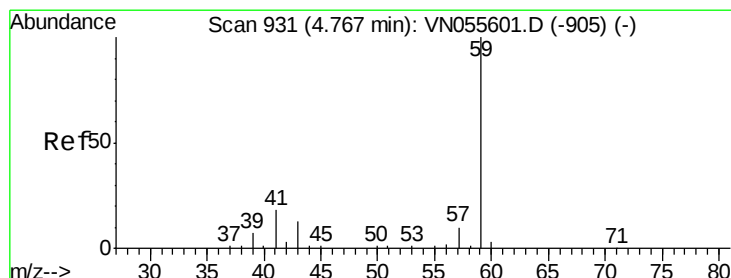
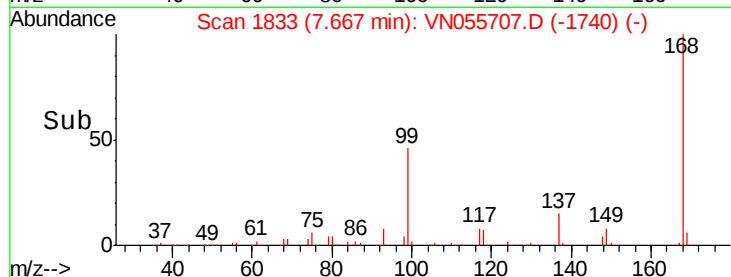
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 2.565 ug/l

RT: 4.78 min Scan# 934

Delta R.T. 0.01 min

Lab File: VN055707.D

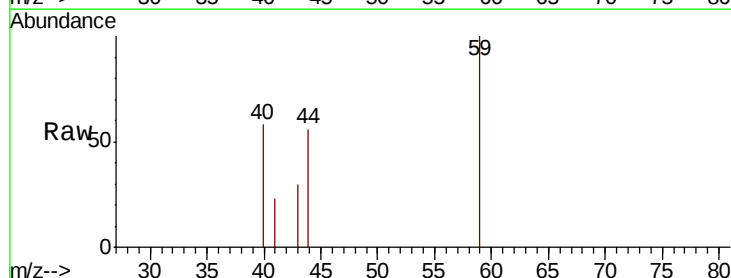
Acq: 21 May 2019 14:17

Tgt Ion: 59 Resp: 2153

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.78

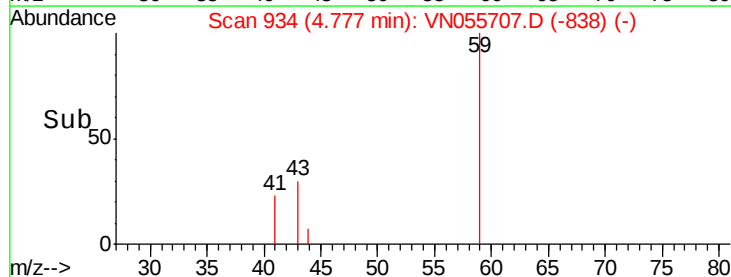
600

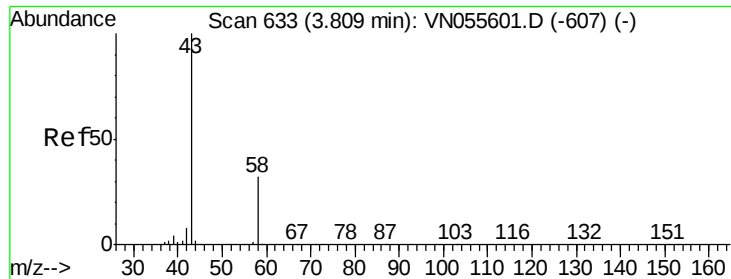
400

200

0

Time--> 4.70 4.75 4.80 4.85





#16

Acetone

Concen: 5.353 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN055707.D

Acq: 21 May 2019 14:17

Instrument :

MSVOA_N

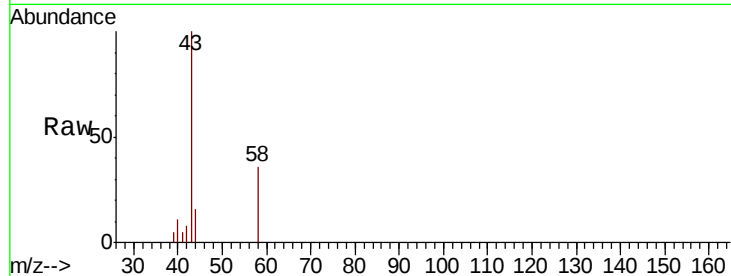
ClientSampled :

Tot Ion: 43 Resp: 9833

Ion Ratio Lower Upper

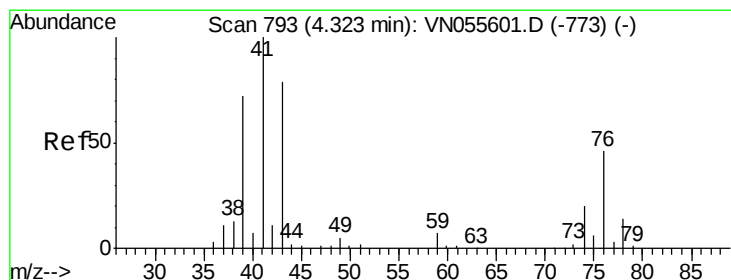
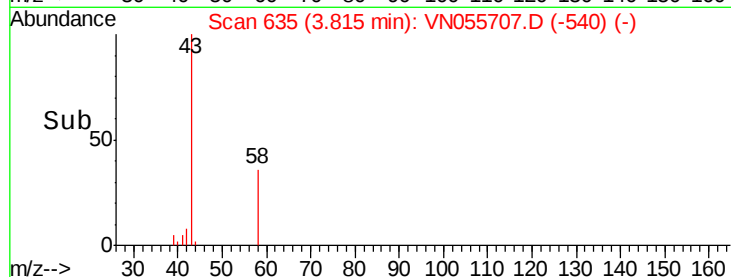
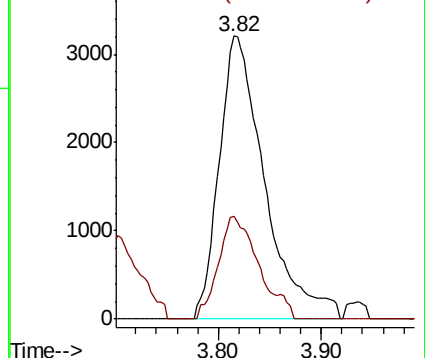
43 100

58 36.3 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-607) (-)

Ion 58.00 (57.70 to 58.70): VN055601.D (-607) (-)



#18

Methyl Acetate

Concen: 0.907 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN055707.D

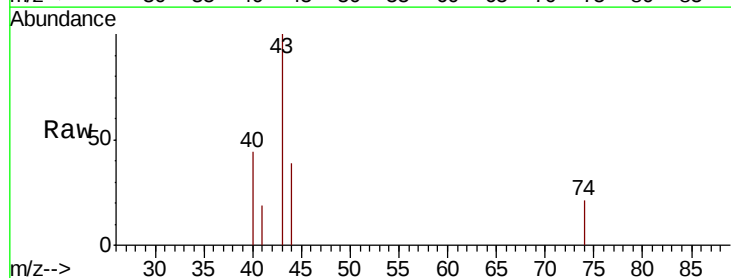
Acq: 21 May 2019 14:17

Tgt Ion: 43 Resp: 3573

Ion Ratio Lower Upper

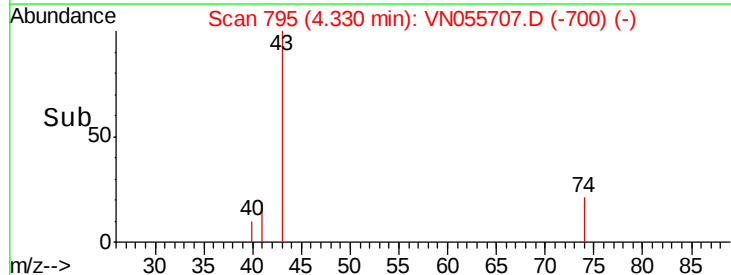
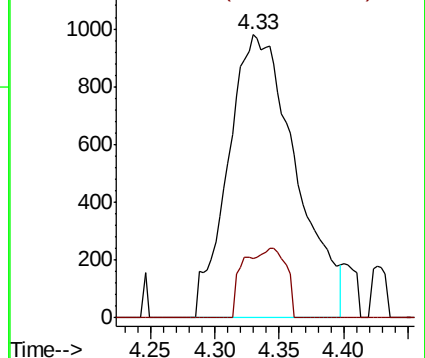
43 100

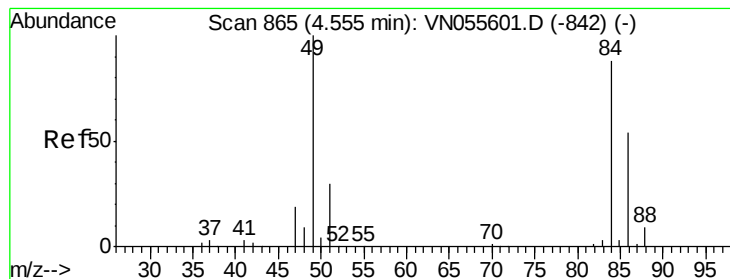
74 15.4 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-773) (-)

Ion 74.00 (73.70 to 74.70): VN055601.D (-773) (-)





#20

Methvlene Chloride

Concen: 1.058 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN055707.D

Acq: 21 May 2019 14:17

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 84 Resp: 4433

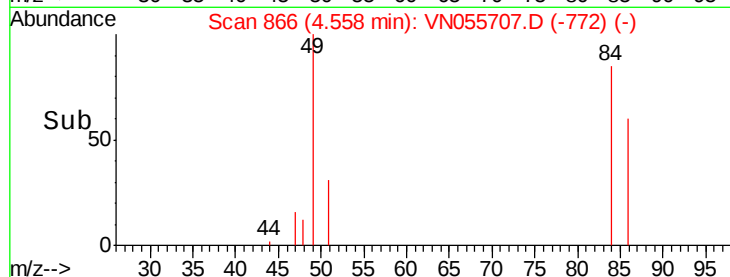
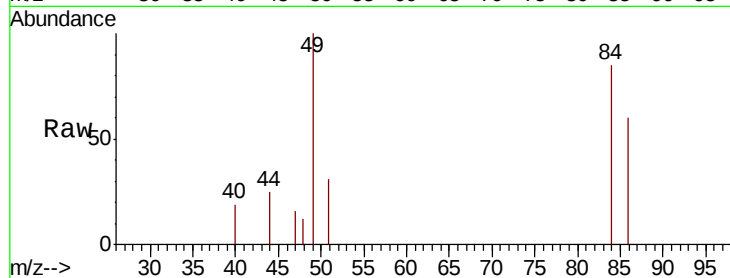
Ion Ratio Lower Upper

84 100

49 117.1 91.0 136.4

51 36.6 27.5 41.3

86 70.6 49.4 74.0

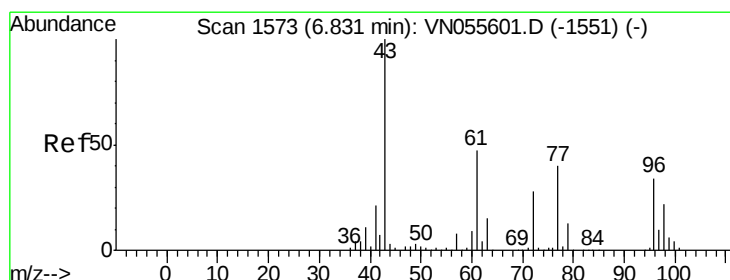
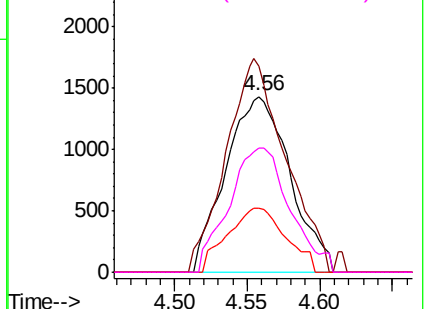


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 4.013 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.01 min

Lab File: VN055707.D

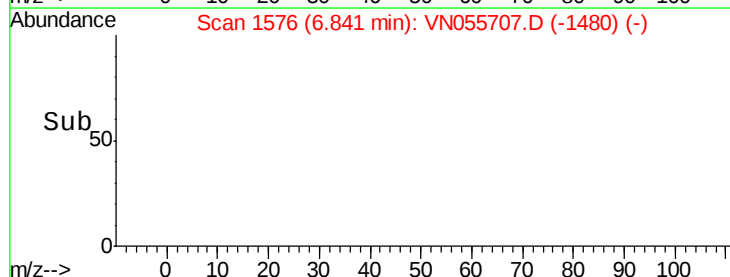
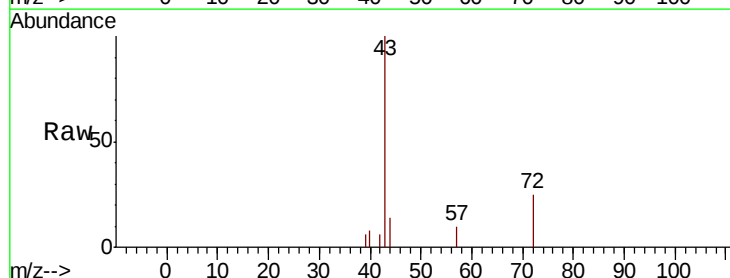
Acq: 21 May 2019 14:17

Tgt Ion: 43 Resp: 10307

Ion Ratio Lower Upper

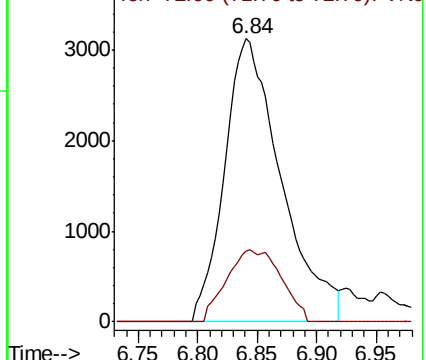
43 100

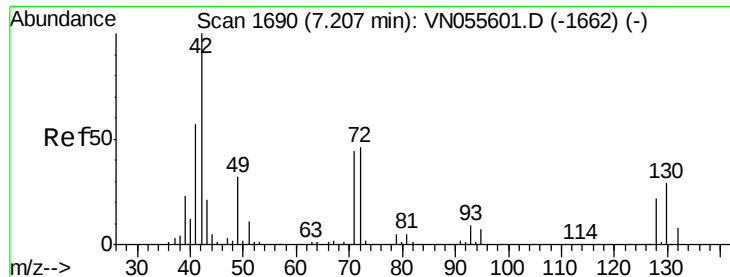
72 25.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.367 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VN055707.D

Acq: 21 May 2019 14:17

Instrument :

MSVOA_N

ClientSampleId :

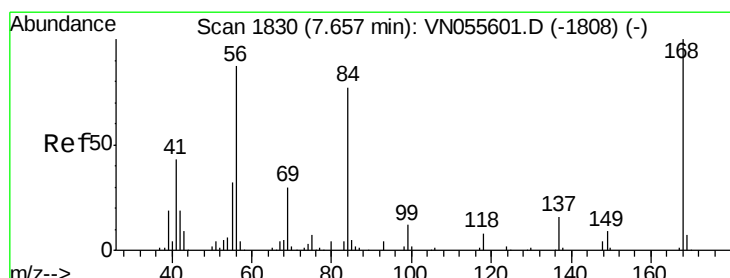
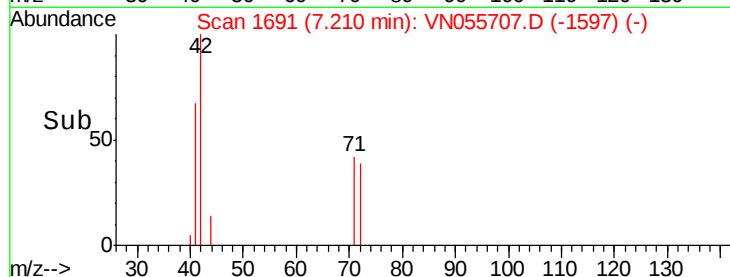
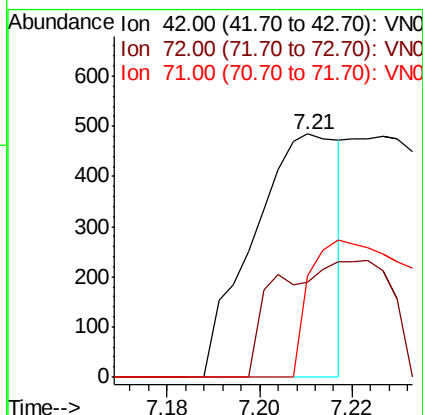
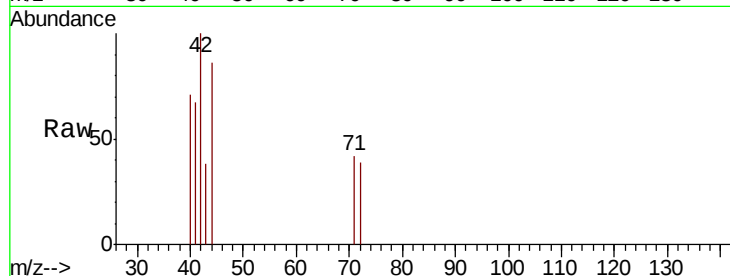
Tot Ion: 42 Resp: 624

Ion Ratio Lower Upper

42 100

72 62.7 36.5 54.7#

71 72.0 34.9 52.3#



#31

Cyclohexane

Concen: 0.865 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN055707.D

Acq: 21 May 2019 14:17

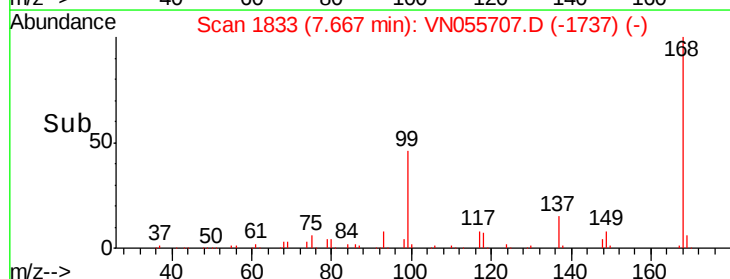
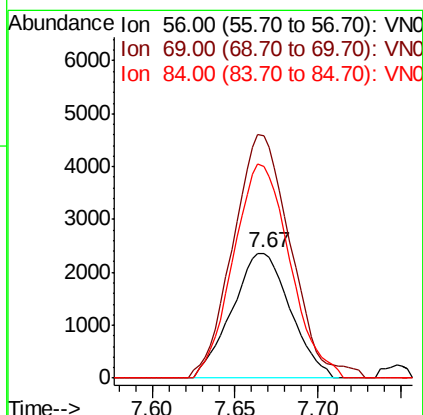
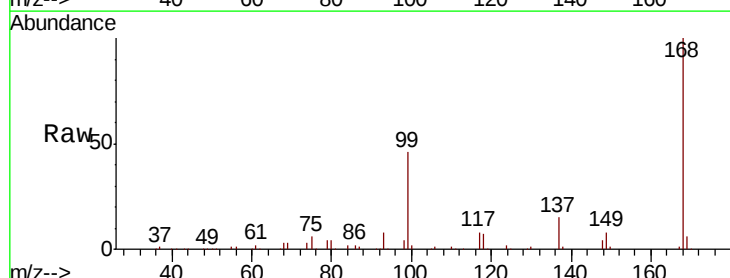
Tgt Ion: 56 Resp: 5773

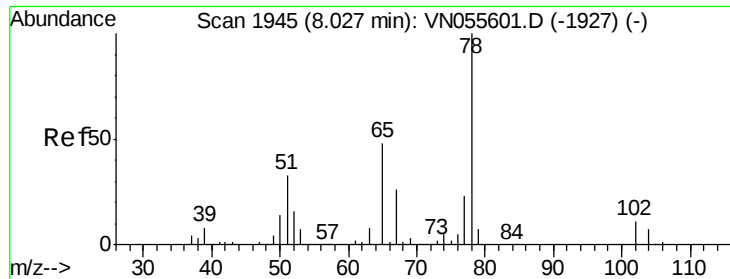
Ion Ratio Lower Upper

56 100

69 194.0 27.2 40.8#

84 169.1 71.3 106.9#

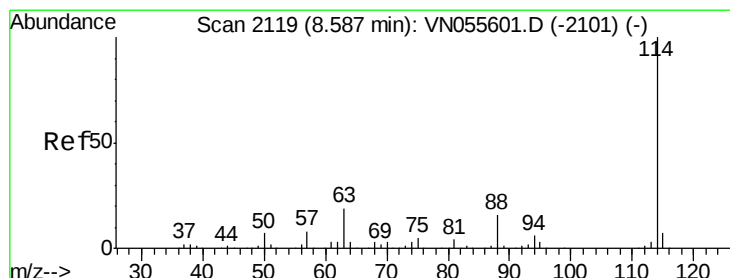
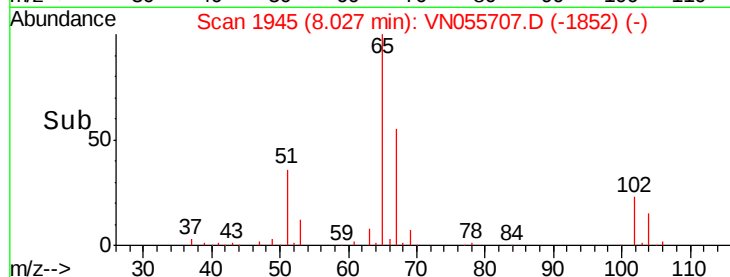
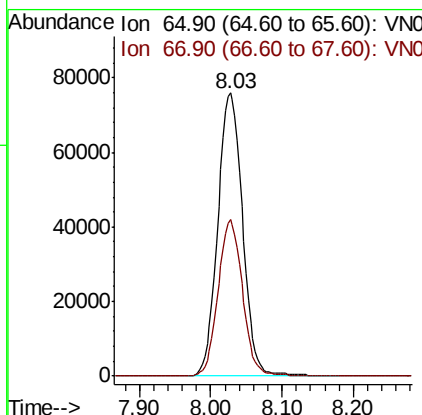
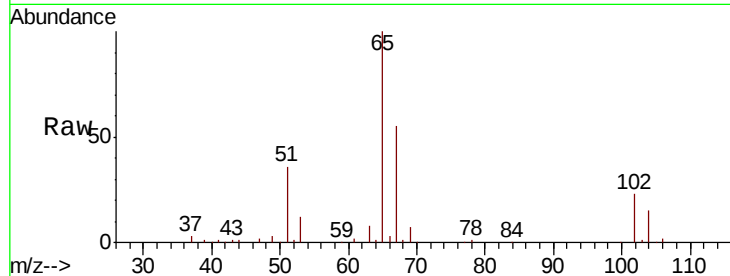




#33
 1,2-Dichloroethane-d4
 Concen: 40.683 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055707.D
 Acq: 21 May 2019 14:17

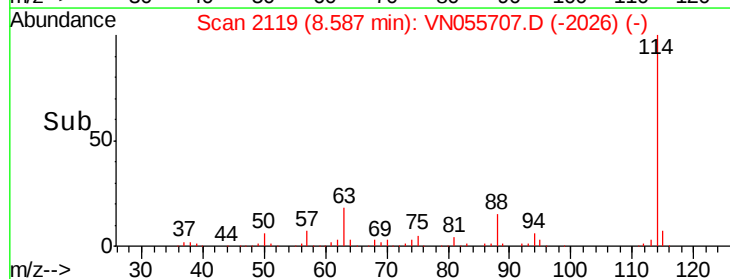
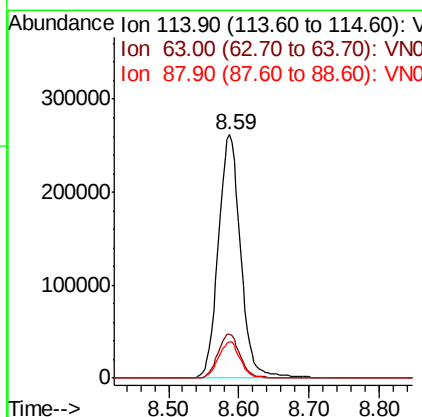
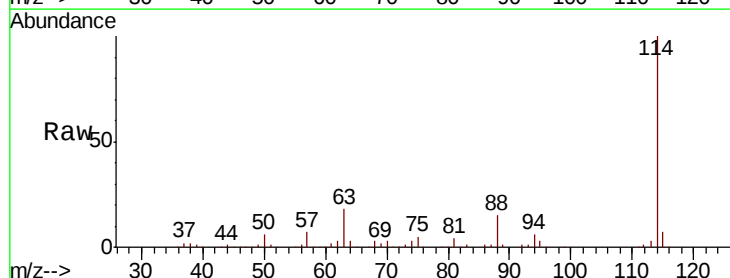
Instrument :
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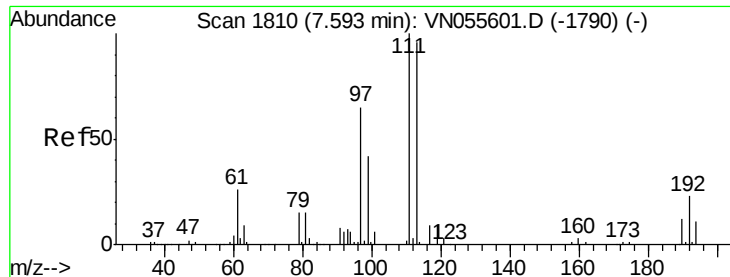
Tot Ion: 65 Resp: 183112
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055707.D
 Acq: 21 May 2019 14:17

Tgt Ion: 114 Resp: 575887
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 38.2
 88 15.1 0.0 31.0

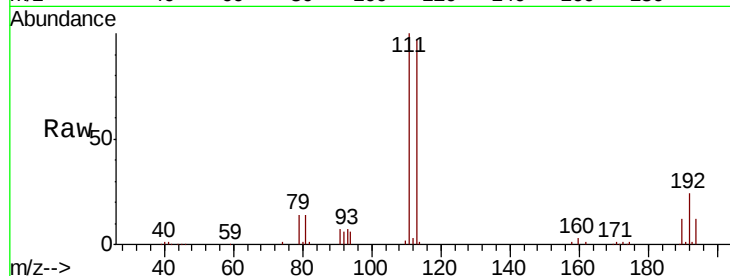




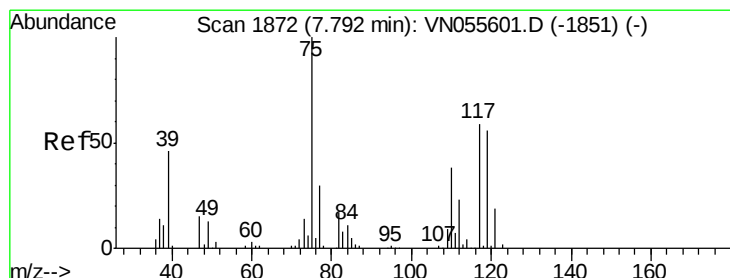
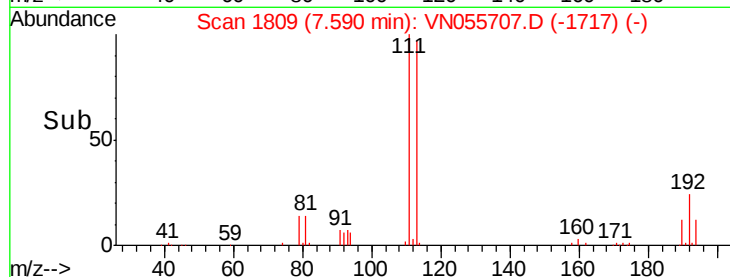
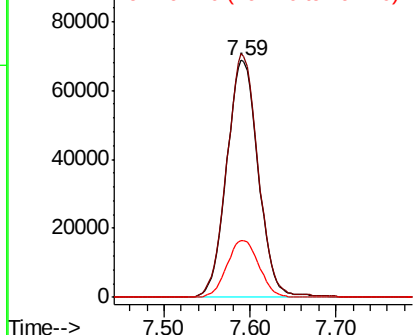
#35
 Dibromofluoromethane
 Concen: 47.910 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055707.D
 Acq: 21 May 2019 14:17

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.5	123.7
192	24.4	18.7	28.1

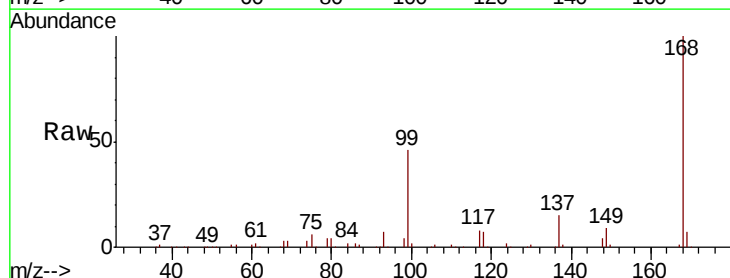


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

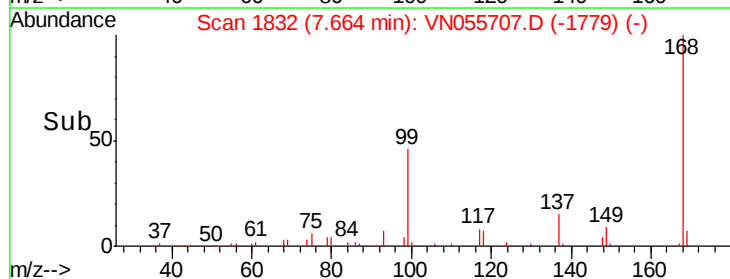
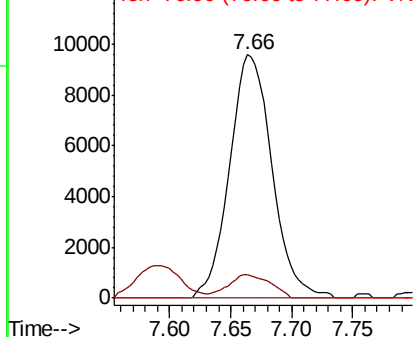


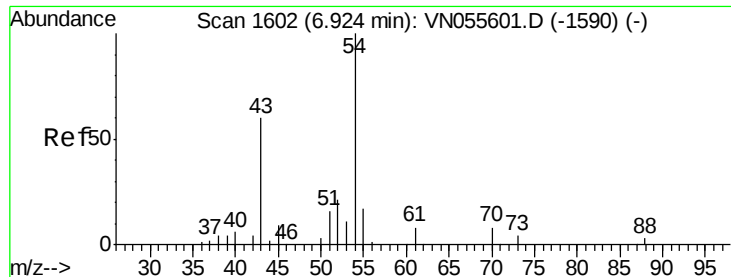
#36
 1,1-Dichloropropene
 Concen: 4.512 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055707.D
 Acq: 21 May 2019 14:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.6	55.6#
77	0.0	24.9	37.3#



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO

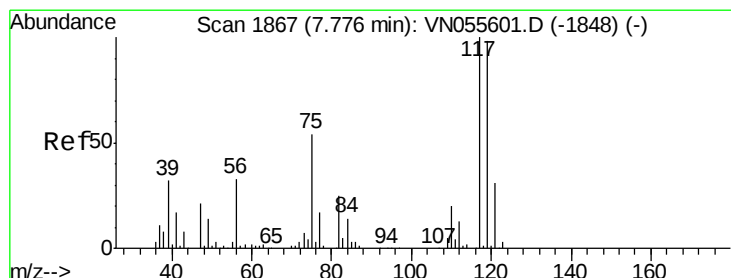
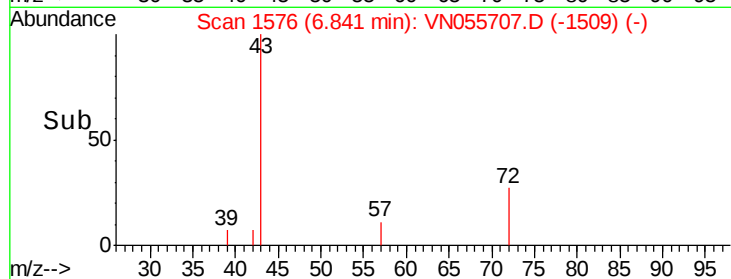
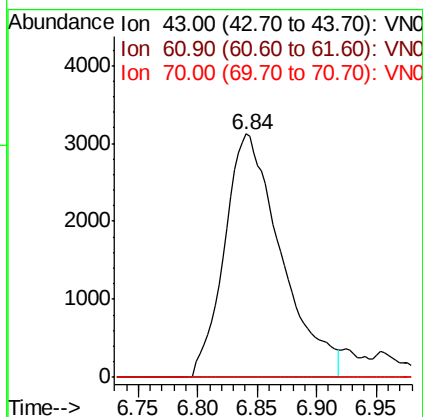
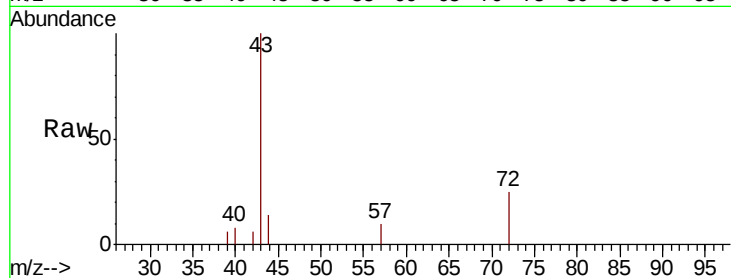




#37
Ethyl Acetate
Concen: 2.225 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. -0.08 min
Lab File: VN055707.D
Acq: 21 May 2019 14:17

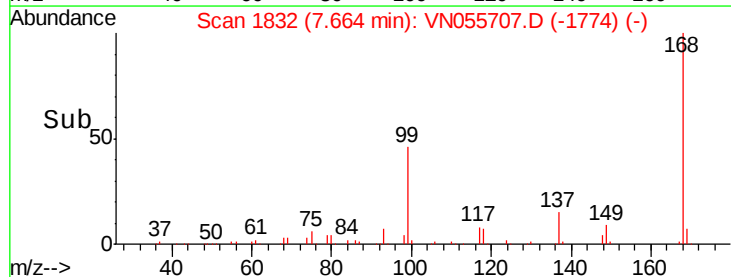
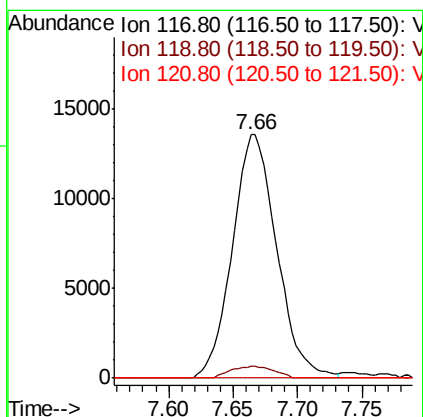
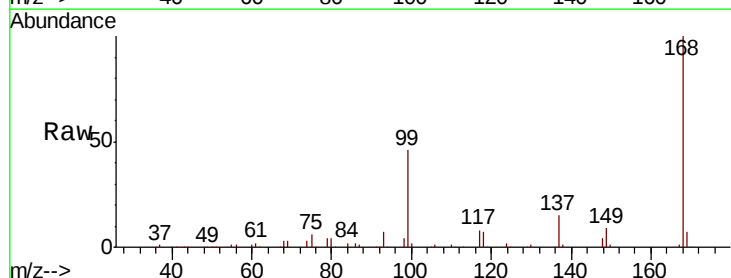
Instrument :
MSVOA_N
ClientSampleId :

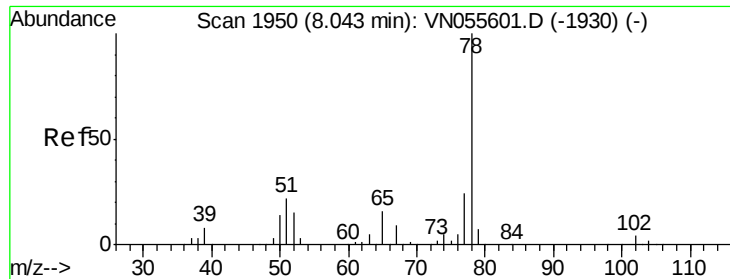
Tot Ion: 43 Resp: 10307
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.0#
70 0.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 5.916 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055707.D
Acq: 21 May 2019 14:17

Tgt Ion: 117 Resp: 32458
Ion Ratio Lower Upper
117 100
119 4.7 77.8 116.8#
121 0.0 24.6 37.0#





#40

Benzene

Concen: 0.238 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN055707.D

Acq: 21 May 2019 14:17

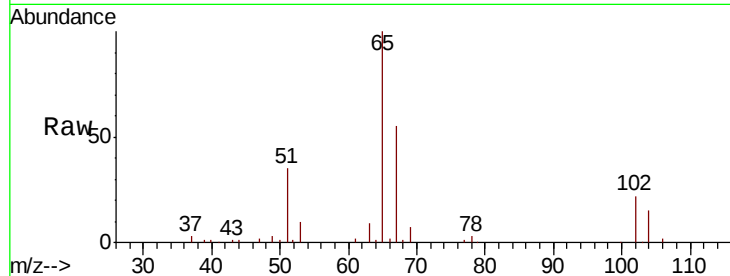
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 78 Resp: 3588

Ion Ratio Lower Upper

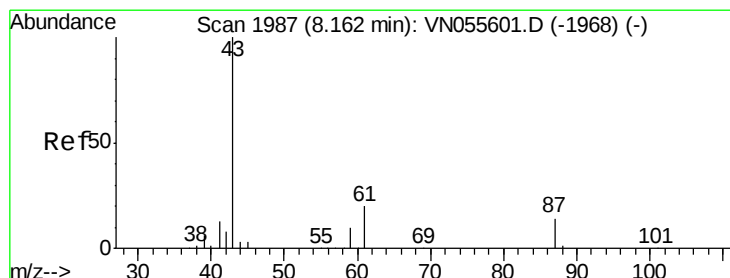
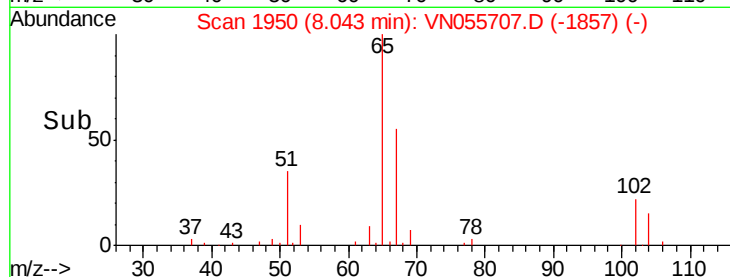
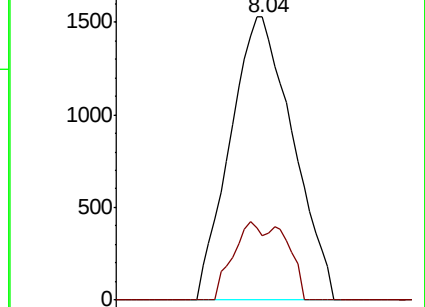
78 100

77 22.9 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#43

Isopropyl Acetate

Concen: 1.646 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN055707.D

Acq: 21 May 2019 14:17

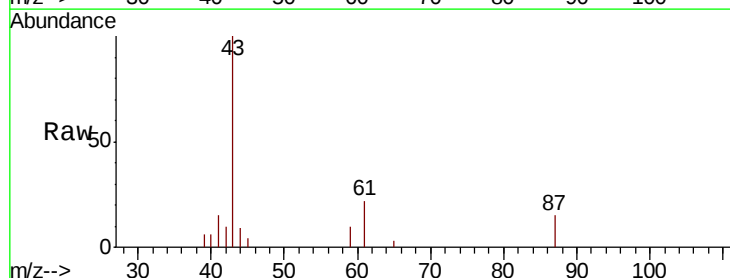
Tgt Ion: 43 Resp: 13266

Ion Ratio Lower Upper

43 100

61 21.5 22.1 33.1#

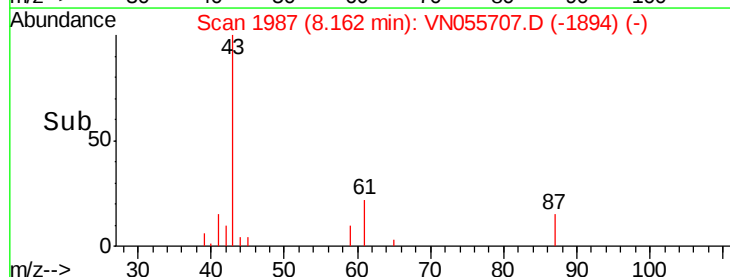
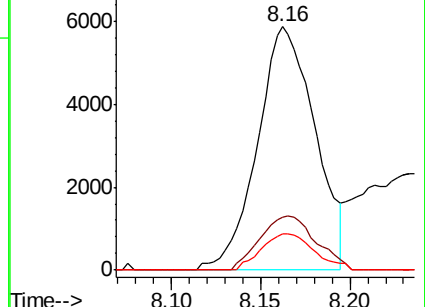
87 13.6 11.8 17.6

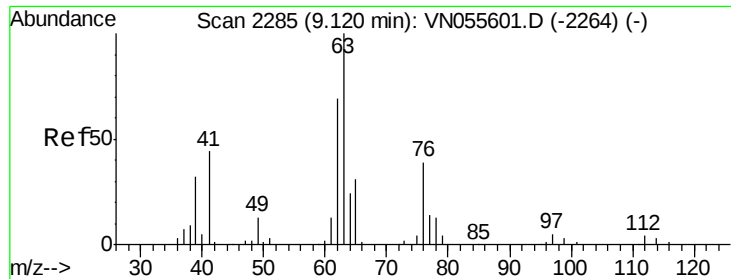


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

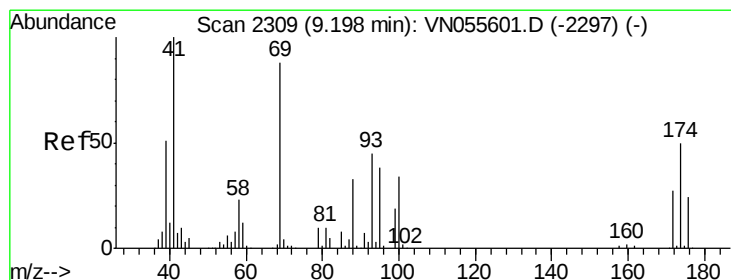
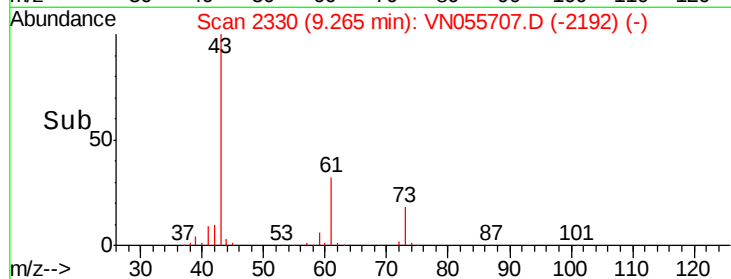
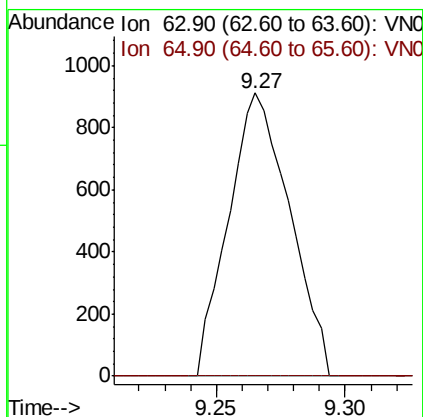
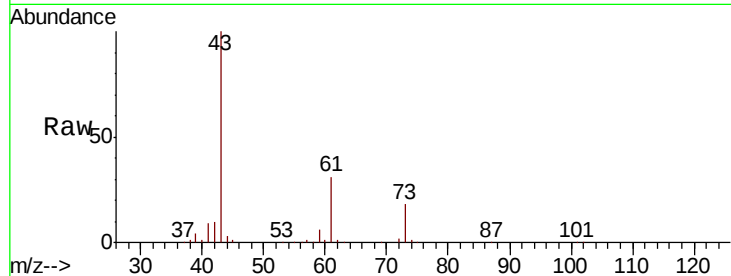




#45
 1,2-Dichloropropane
 Concen: 0.379 ug/l
 RT: 9.27 min Scan# 2330
 Delta R.T. 0.14 min
 Lab File: VN055707.D
 Acq: 21 May 2019 14:17

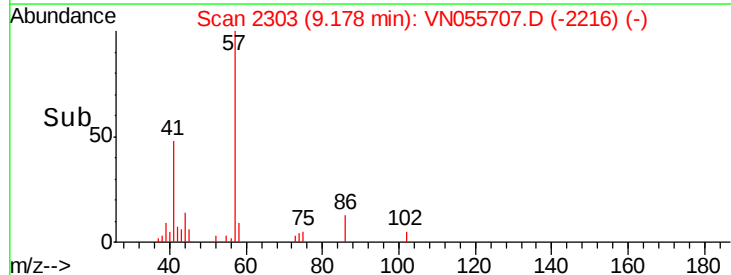
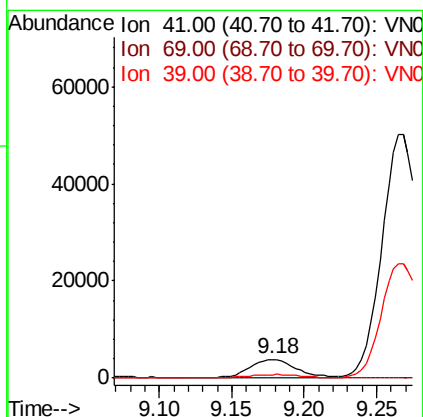
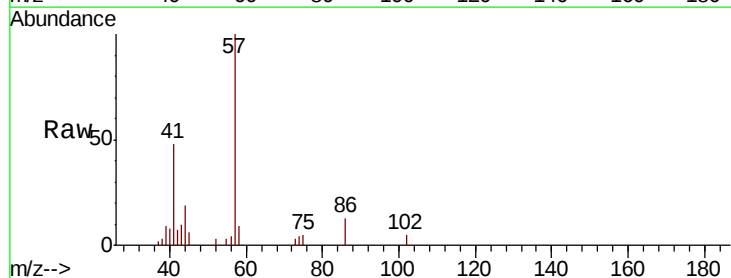
Instrument :
 MSVOA_N
 ClientSampled :

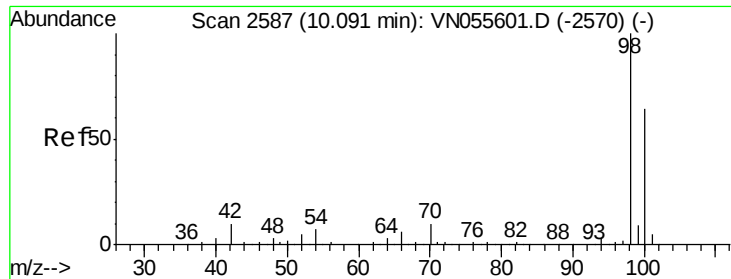
Tot Ion: 63 Resp: 1506
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.2 37.8#



#48
 Methyl methacrylate
 Concen: 2.469 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN055707.D
 Acq: 21 May 2019 14:17

Tgt Ion: 41 Resp: 8895
 Ion Ratio Lower Upper
 41 100
 69 0.0 74.2 111.2#
 39 21.7 43.8 65.8#





#50

Toluene-d8

Concen: 47.457 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055707.D

Acq: 21 May 2019 14:17

Instrument :

MSVOA_N

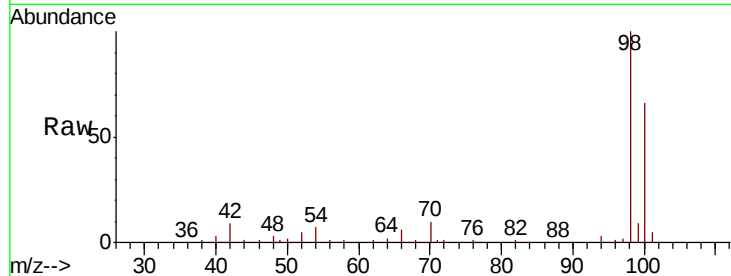
ClientSampleId :

Tot Ion: 98 Resp: 656442

Ion Ratio Lower Upper

98 100

100 65.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055601.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055601.D (-2570) (-)

10.09

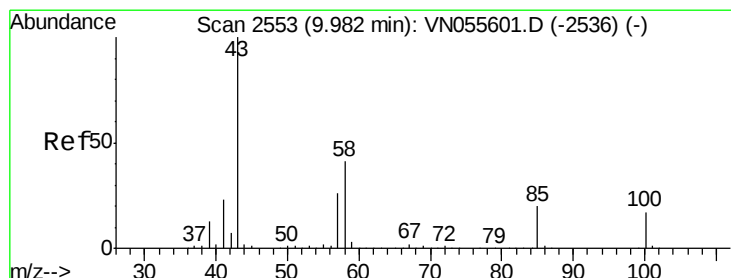
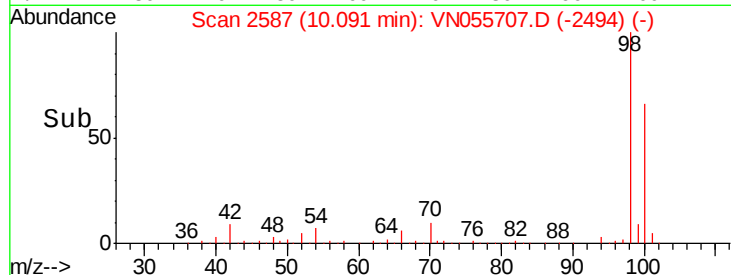
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.821 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055707.D

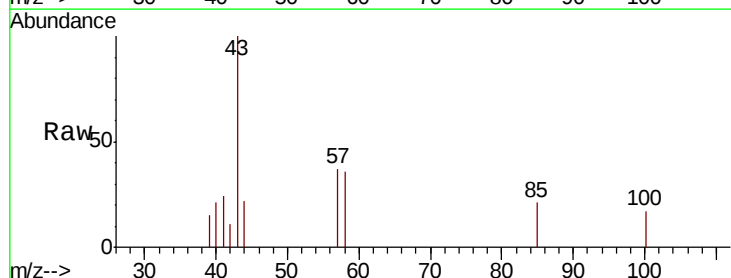
Acq: 21 May 2019 14:17

Tgt Ion: 43 Resp: 3881

Ion Ratio Lower Upper

43 100

58 40.5 32.7 49.1



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

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

4000

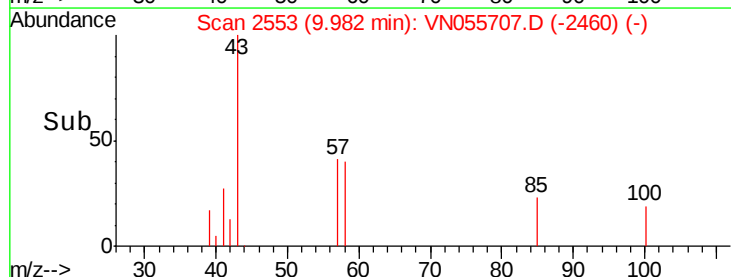
3000

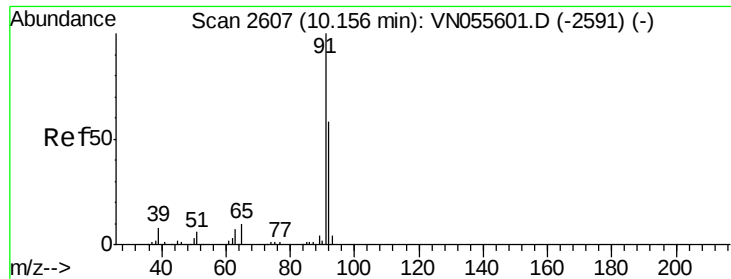
2000

1000

0

Time-->





#52

Toluene

Concen: 0.470 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055707.D

Acq: 21 May 2019 14:17

Instrument :

MSVOA_N

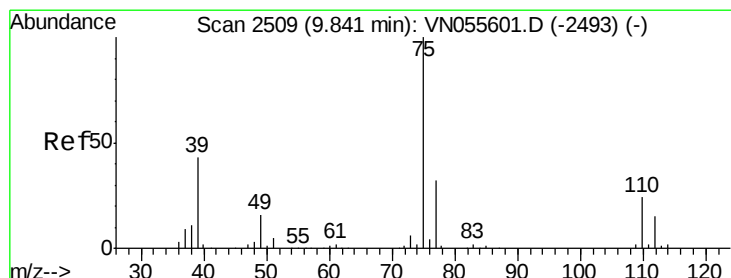
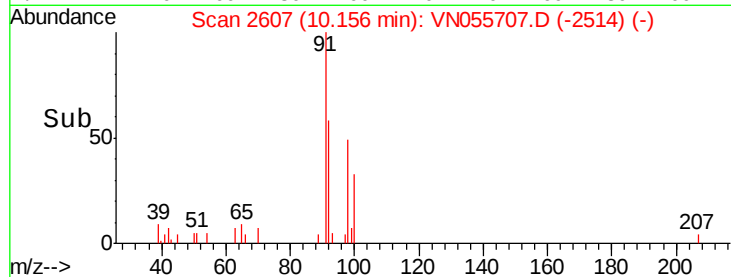
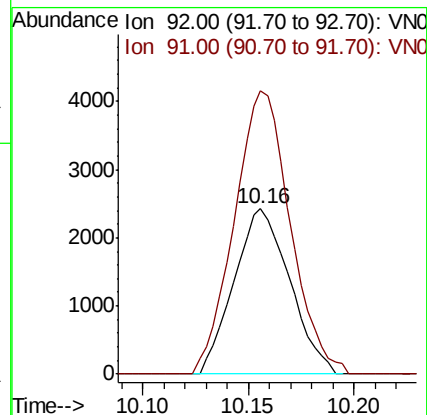
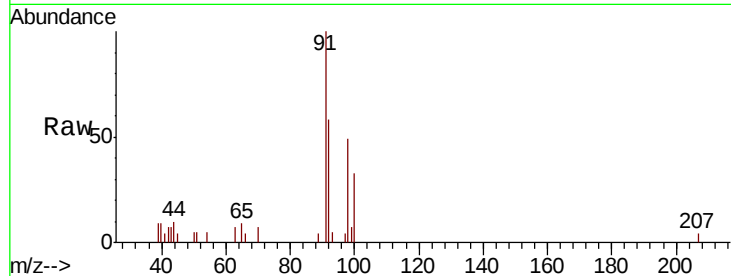
ClientSampled :

Tot Ion: 92 Resp: 4452

Ion Ratio Lower Upper

92 100

91 171.9 138.9 208.3



#54

cis-1,3-Dichloropropene

Concen: 8.459 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.06 min

Lab File: VN055707.D

Acq: 21 May 2019 14:17

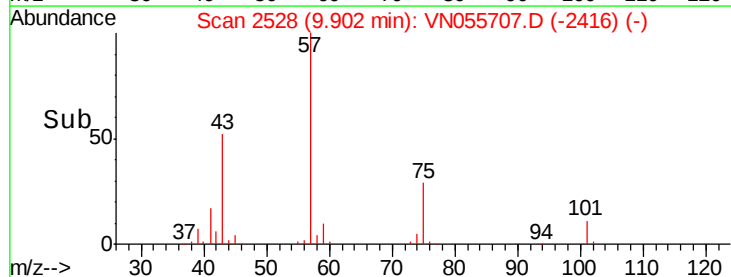
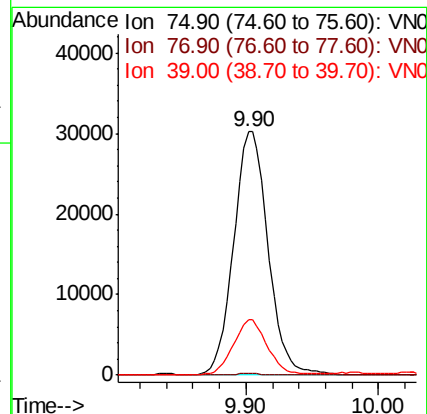
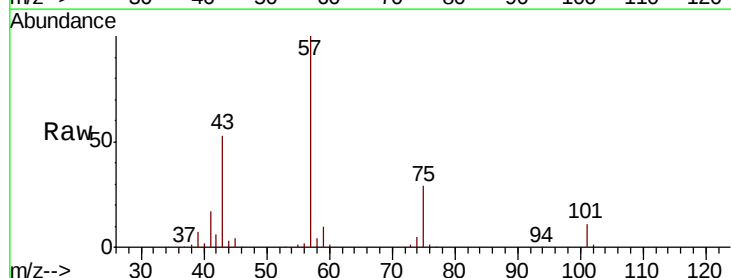
Tgt Ion: 75 Resp: 54434

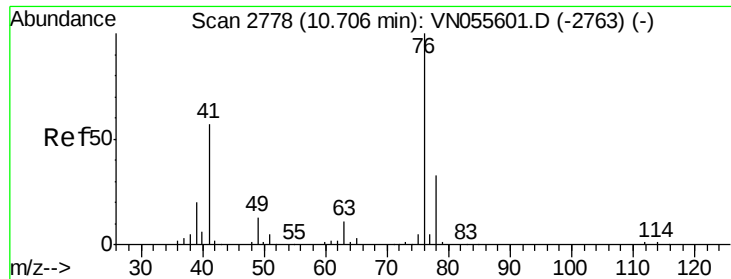
Ion Ratio Lower Upper

75 100

77 0.7 25.7 38.5#

39 22.9 34.7 52.1#

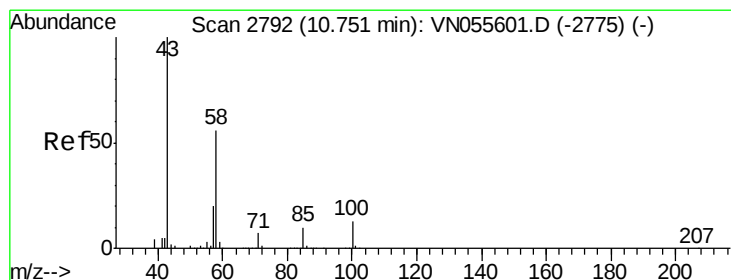
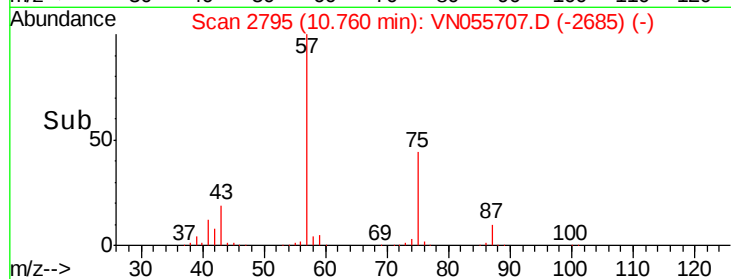
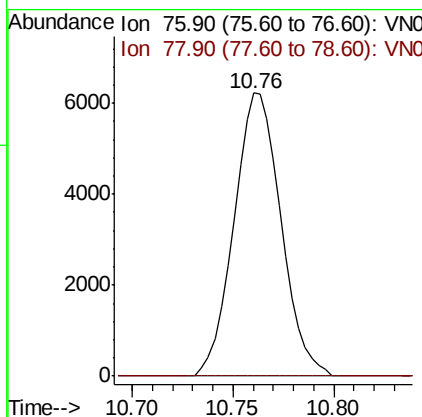
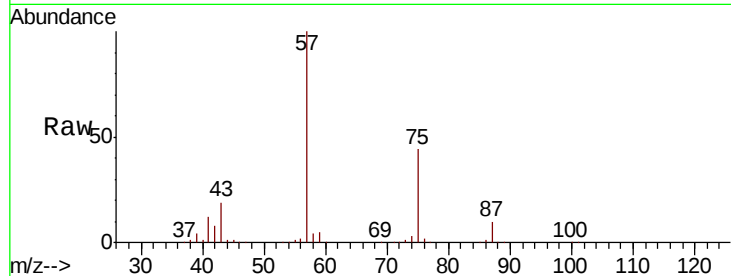




#57
 1,3-Dichloropropane
 Concen: 1.642 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.05 min
 Lab File: VN055707.D
 Acq: 21 May 2019 14:17

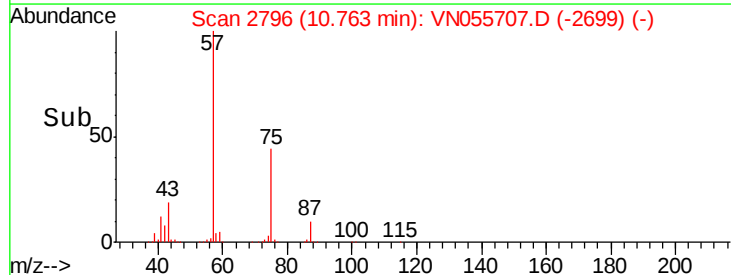
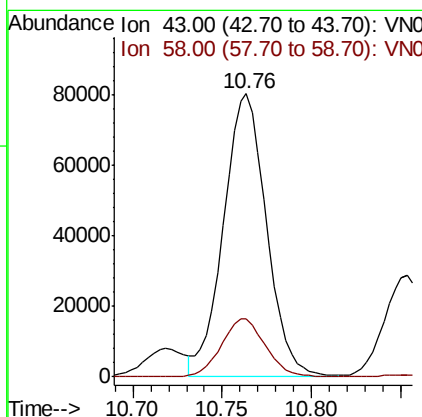
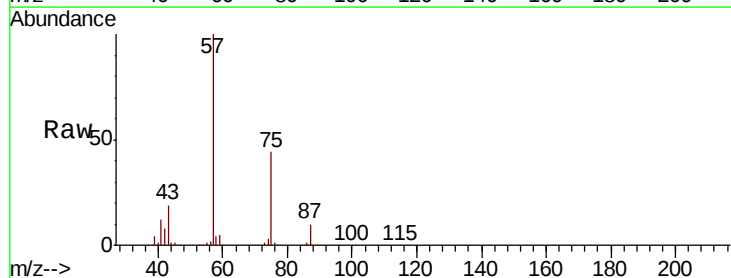
Instrument :
 MSVOA_N
 ClientSampled :

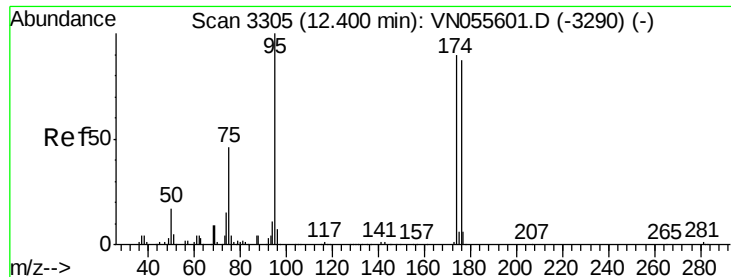
Tot Ion: 76 Resp: 10142
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.5 39.7#



#59
 2-Hexanone
 Concen: 40.306 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN055707.D
 Acq: 21 May 2019 14:17

Tgt Ion: 43 Resp: 134154
 Ion Ratio Lower Upper
 43 100
 58 20.9 28.1 84.4#





#62

4-Bromofluorobenzene

Concen: 43.224 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055707.D

Acq: 21 May 2019 14:17

Instrument :

MSVOA_N

ClientSampleId :

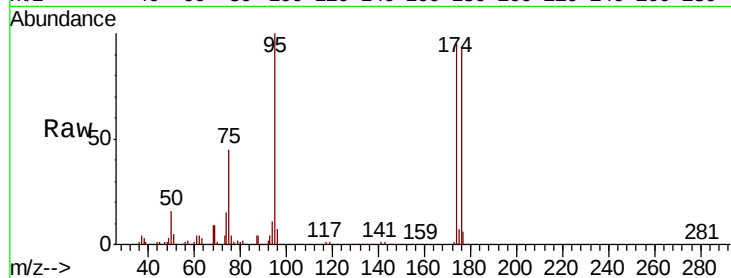
Tot Ion: 95 Resp: 206464

Ion Ratio Lower Upper

95 100

174 95.6 0.0 180.6

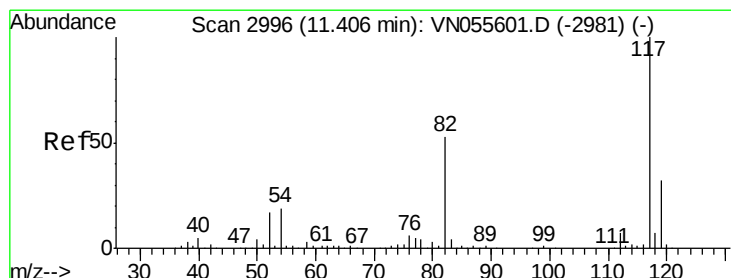
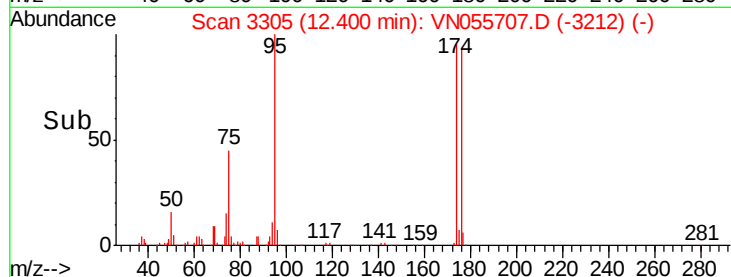
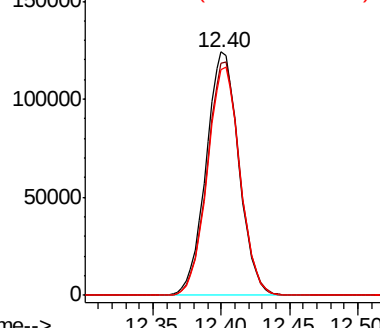
176 93.3 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN055707.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055707.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055707.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055707.D

Acq: 21 May 2019 14:17

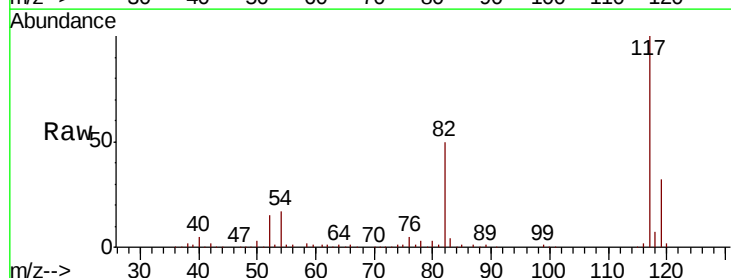
Tgt Ion: 117 Resp: 491490

Ion Ratio Lower Upper

117 100

82 50.4 42.3 63.5

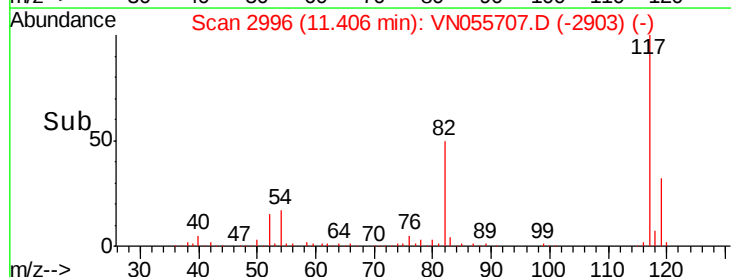
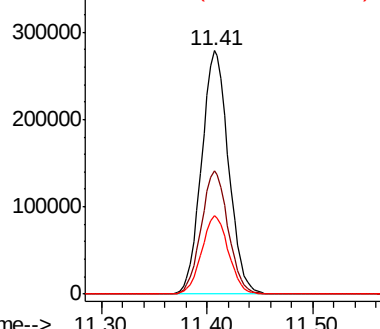
119 32.0 25.4 38.2

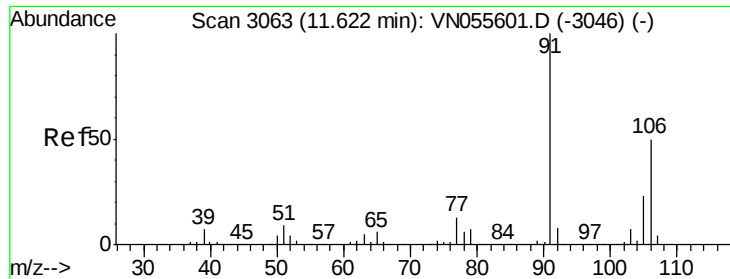


Abundance Ion 116.90 (116.60 to 117.60): VN055707.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055707.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055707.D (-2903) (-)

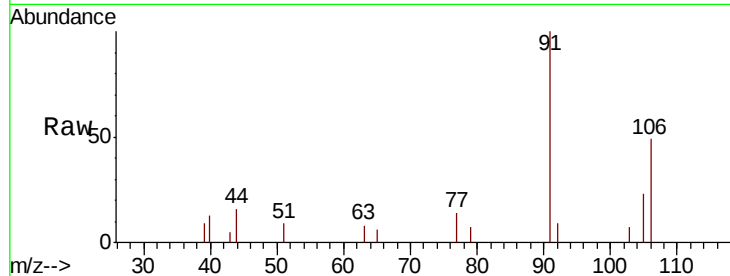




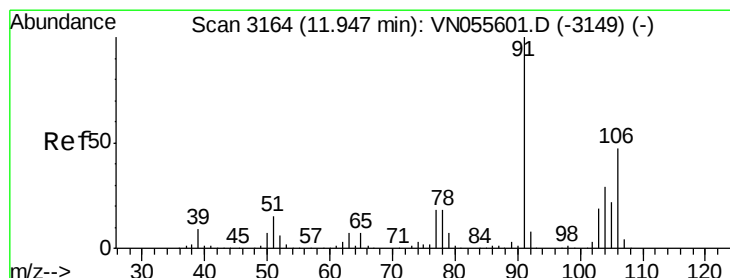
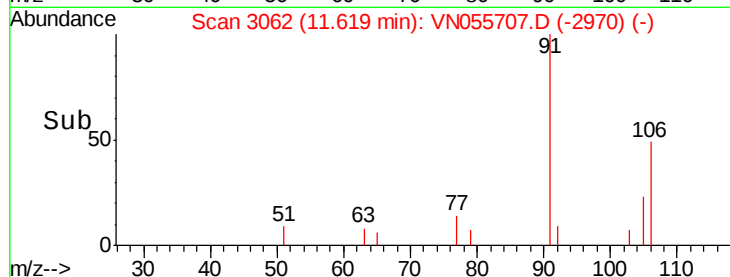
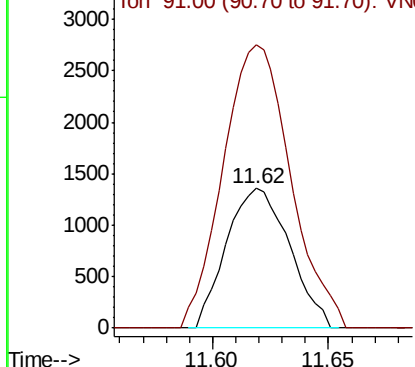
#68
m/p-Xylenes
Concen: 0.384 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055707.D
Acq: 21 May 2019 14:17

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 2567
Ion Ratio Lower Upper
106 100
91 216.7 160.5 240.7

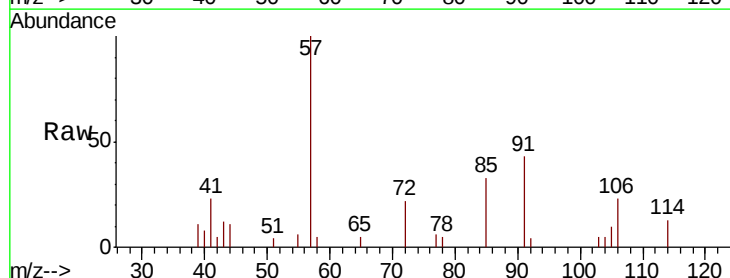


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

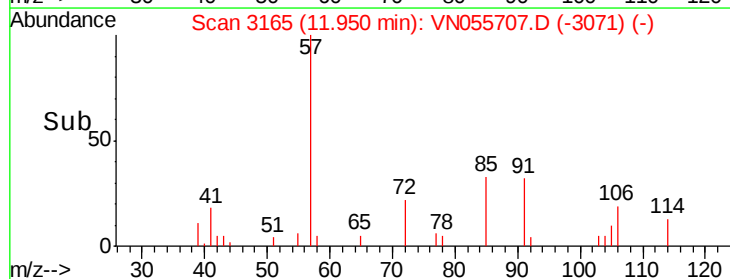
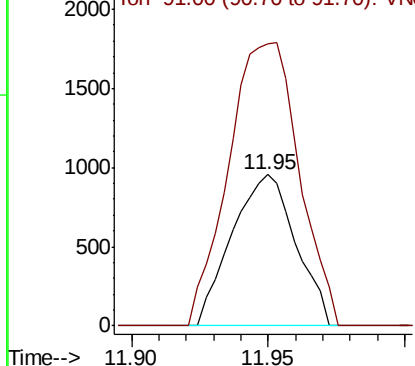


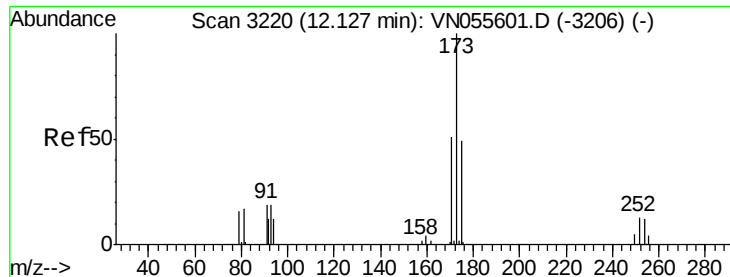
#69
o-Xylene
Concen: 0.237 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN055707.D
Acq: 21 May 2019 14:17

Tgt Ion:106 Resp: 1550
Ion Ratio Lower Upper
106 100
91 207.2 106.7 320.2



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





#71

Bromoform

Concen: 0.456 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055707.D

Acq: 21 May 2019 14:17

Instrument :

MSVOA_N

ClientSampled :

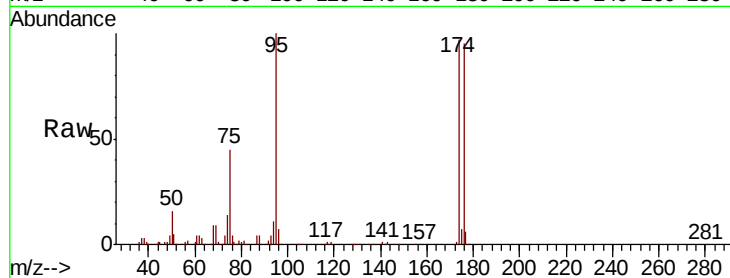
Tot Ion:173 Resp: 1545

Ion Ratio Lower Upper

173 100

175 822.7 24.3 72.9#

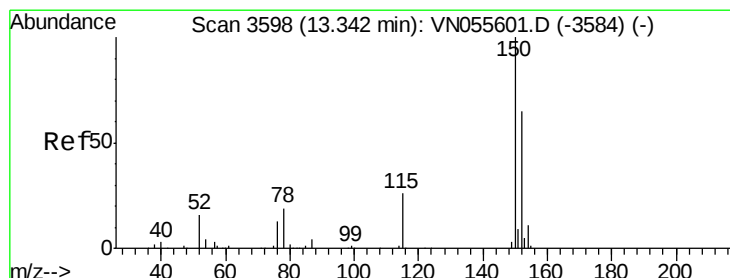
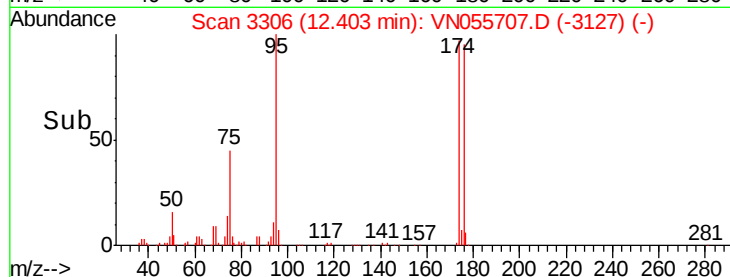
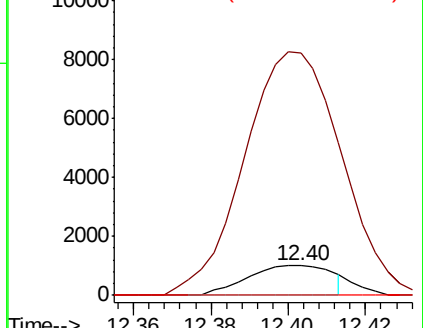
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055707.D

Acq: 21 May 2019 14:17

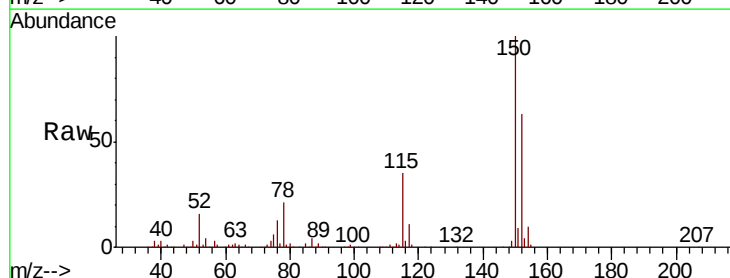
Tgt Ion:152 Resp: 175145

Ion Ratio Lower Upper

152 100

115 55.1 28.1 84.2

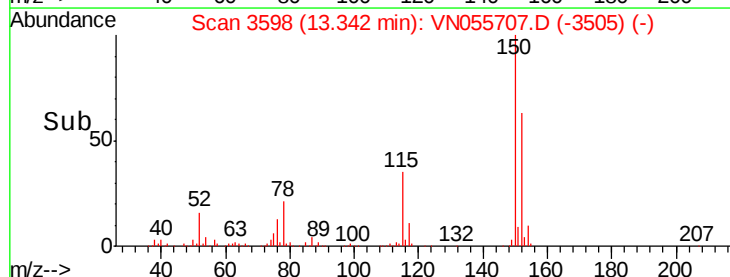
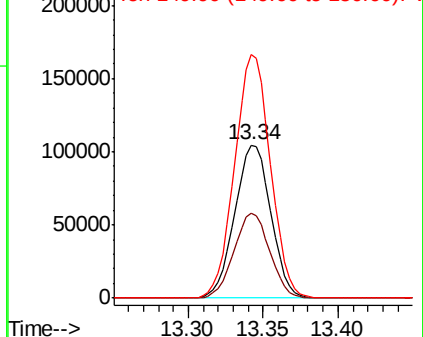
150 158.0 0.0 348.0

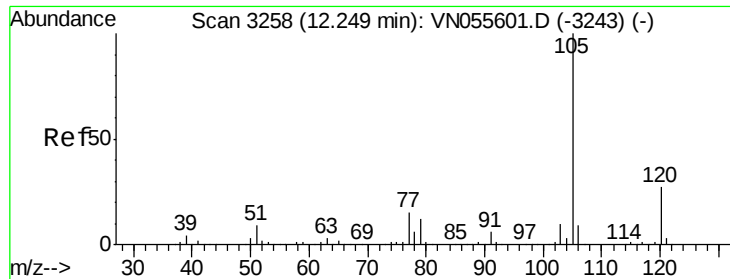


Abundance Ion 151.90 (151.60 to 152.60): V

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: VN055707.D

Acq: 21 May 2019 14:17

Instrument :

MSVOA_N

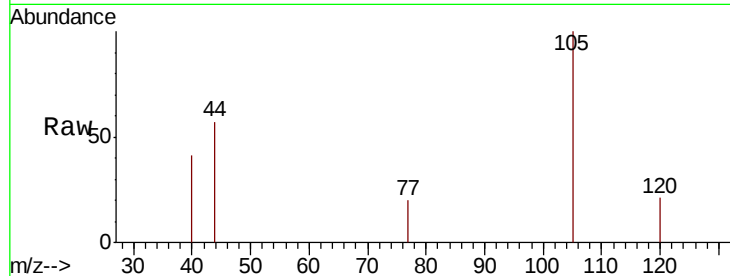
ClientSampled :

Tot Ion:105 Resp: 1192

Ion Ratio Lower Upper

105 100

120 13.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

800

600

400

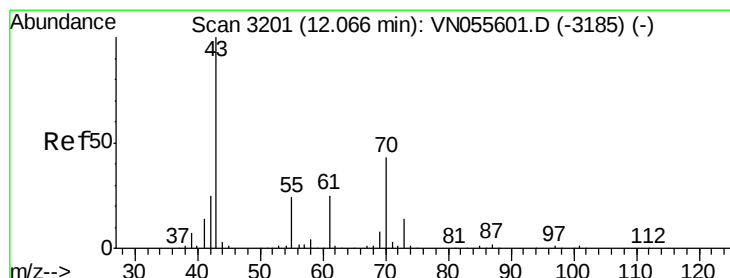
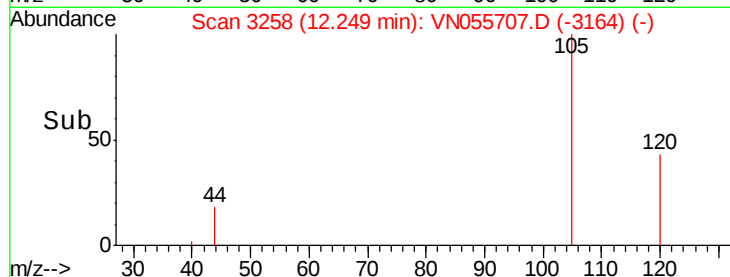
200

0

Time--> 12.20

12.25

12.30



#74

N-ethyl acetate

Concen: 0.286 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN055707.D

Acq: 21 May 2019 14:17

Tgt Ion: 43 Resp: 1407

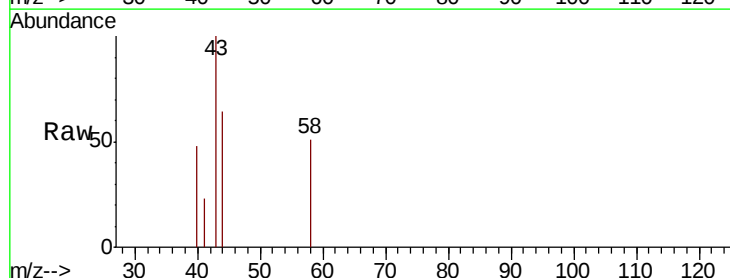
Ion Ratio Lower Upper

43 100

70 0.0 35.0 52.6#

55 0.0 18.9 28.3#

61 0.0 20.1 30.1#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.03

1000

800

600

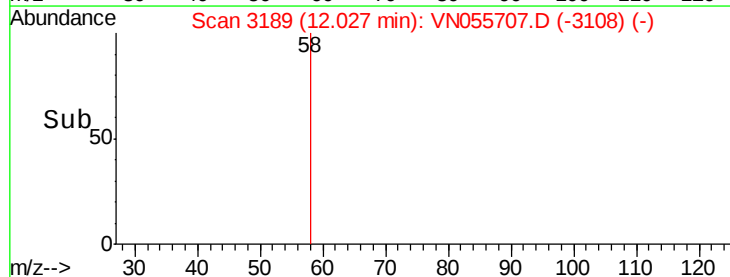
400

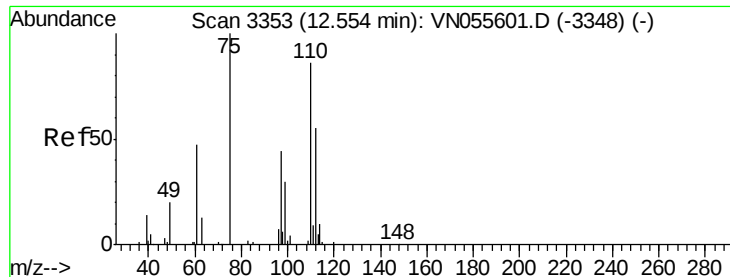
200

0

Time--> 12.00

12.05





#76

1,2,3-Trichloropropane

Concen: 26.028 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055707.D

Acq: 21 May 2019 14:17

Instrument :

MSVOA_N

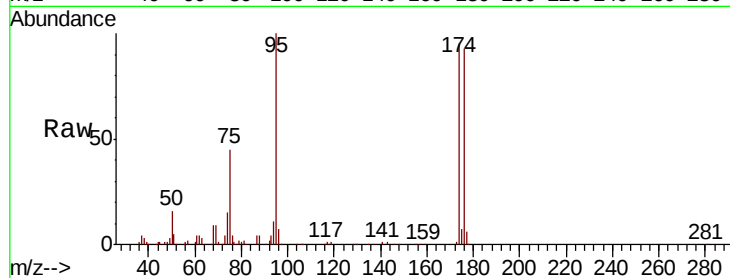
ClientSampleId :

Tot Ion: 75 Resp: 93019

Ion Ratio Lower Upper

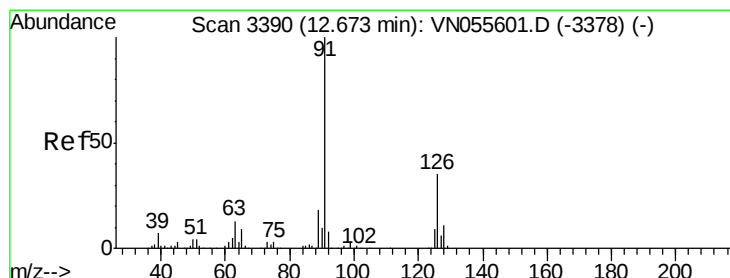
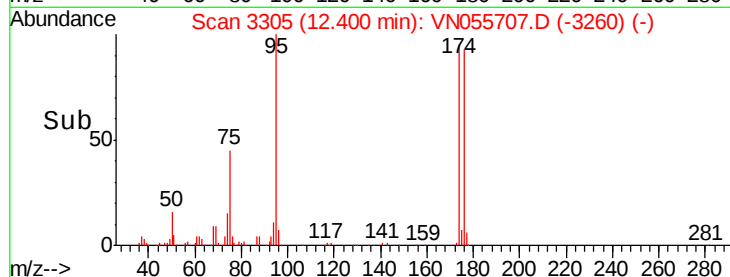
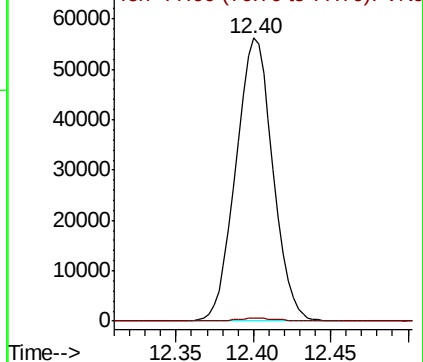
75 100

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# 3392

Delta R.T. 0.01 min

Lab File: VN055707.D

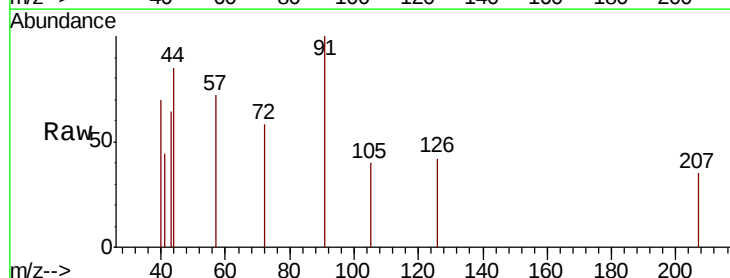
Acq: 21 May 2019 14:17

Tgt Ion: 91 Resp: 824

Ion Ratio Lower Upper

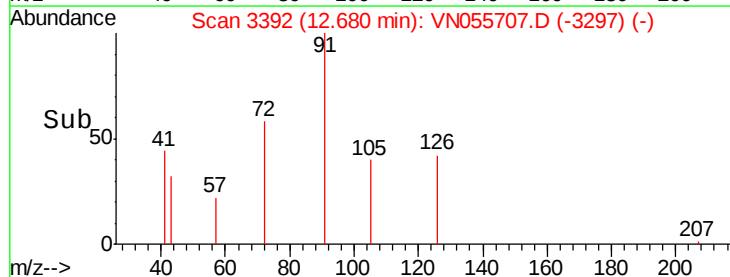
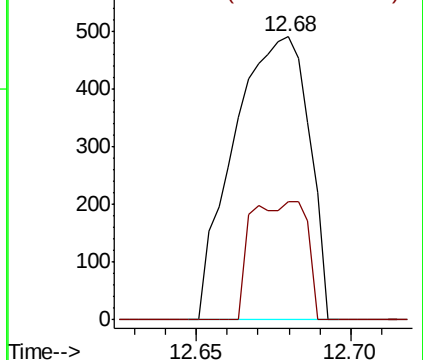
91 100

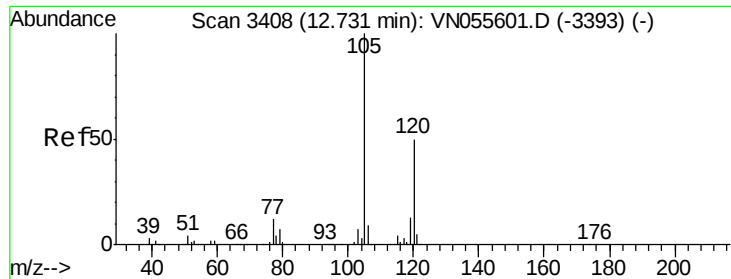
126 31.3 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

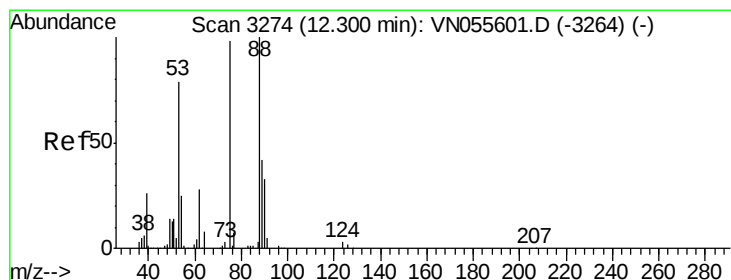
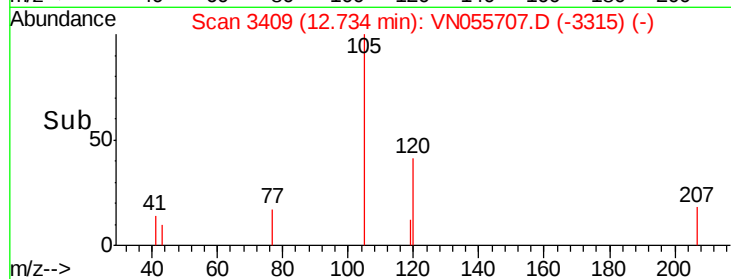
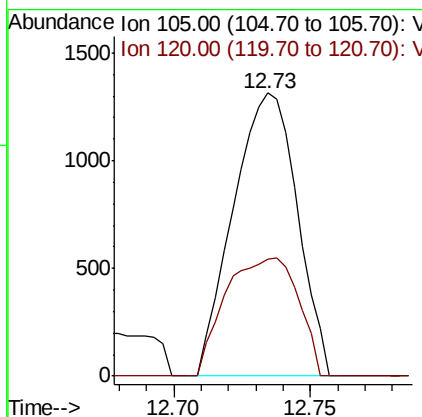
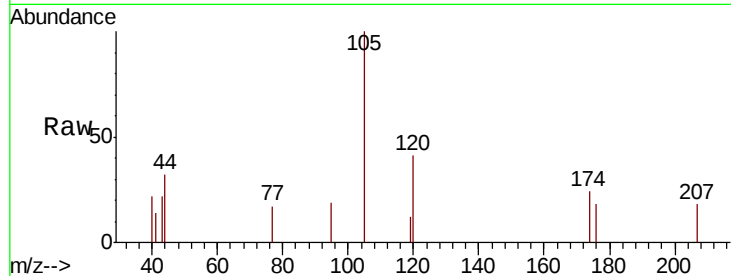




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN055707.D
 Acq: 21 May 2019 14:17

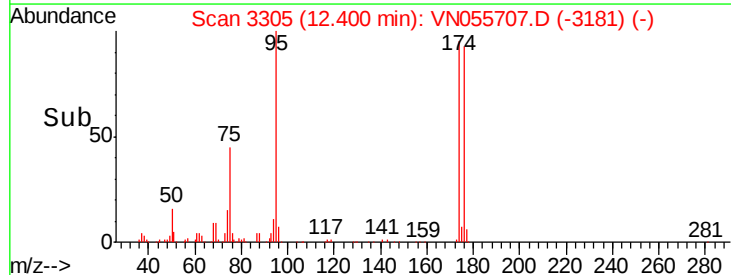
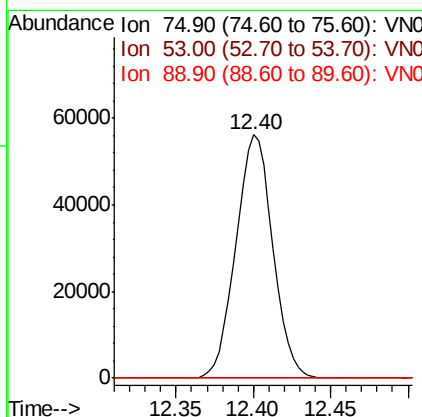
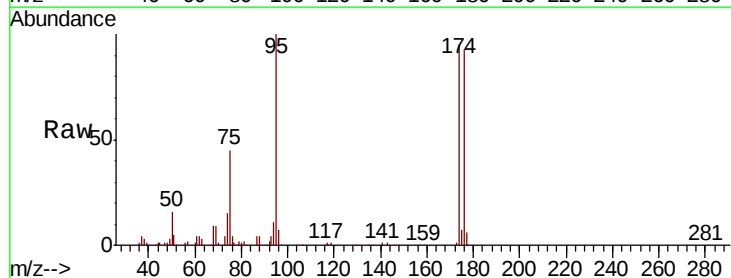
Instrument :
 MSVOA_N
 ClientSampled :

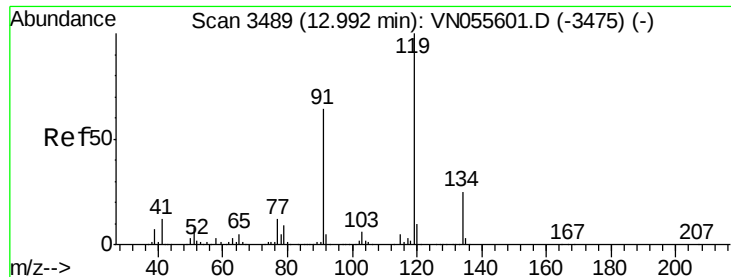
Tot Ion:105 Resp: 2136
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.906 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055707.D
 Acq: 21 May 2019 14:17

Tgt Ion: 75 Resp: 93019
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.1 97.7#
 89 0.0 36.4 54.6#

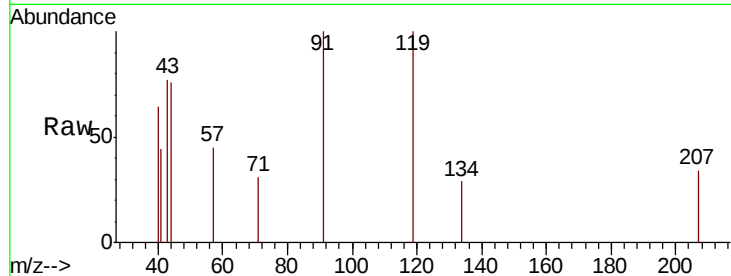




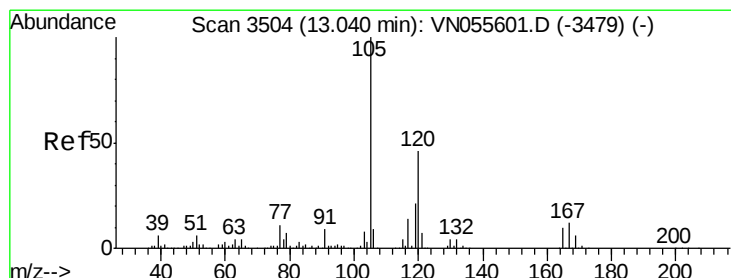
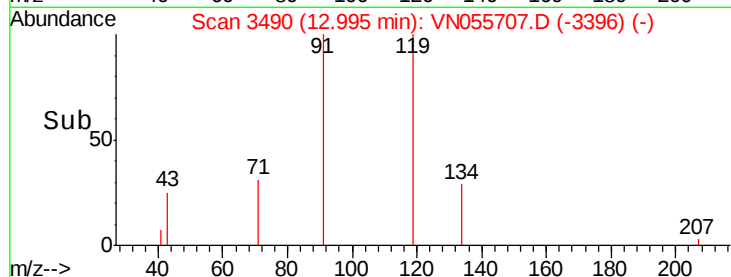
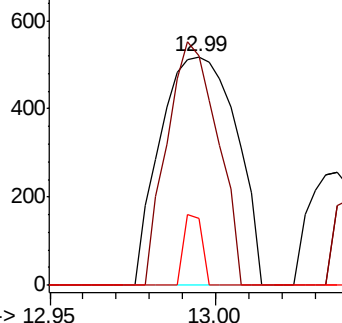
#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN055707.D
Acq: 21 May 2019 14:17

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 826
Ion Ratio Lower Upper
119 100
91 70.5 31.3 93.8
134 7.3 13.2 39.6#

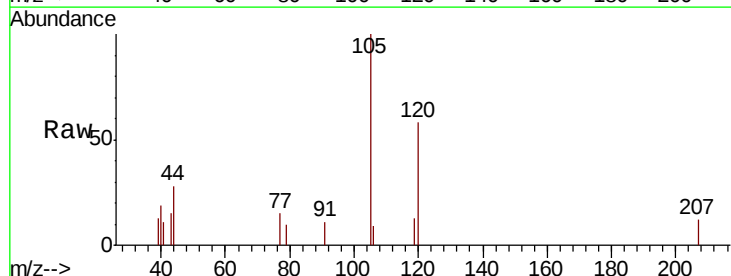


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

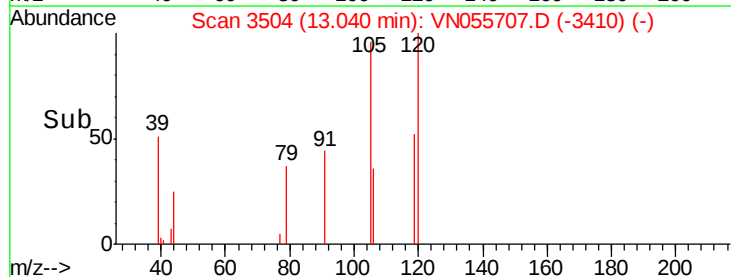
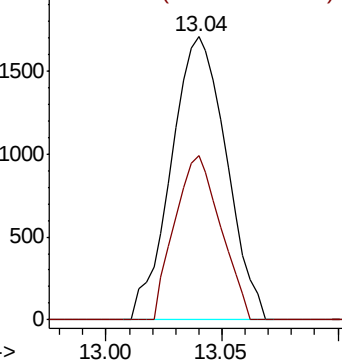


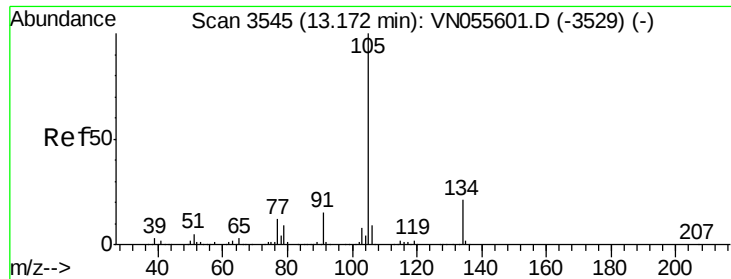
#84
1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055707.D
Acq: 21 May 2019 14:17

Tgt Ion:105 Resp: 2820
Ion Ratio Lower Upper
105 100
120 48.2 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# 3545

Delta R.T. 0.00 min

Lab File: VN055707.D

Acq: 21 May 2019 14:17

Instrument :

MSVOA_N

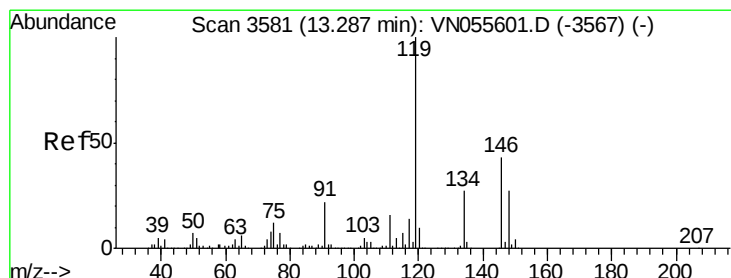
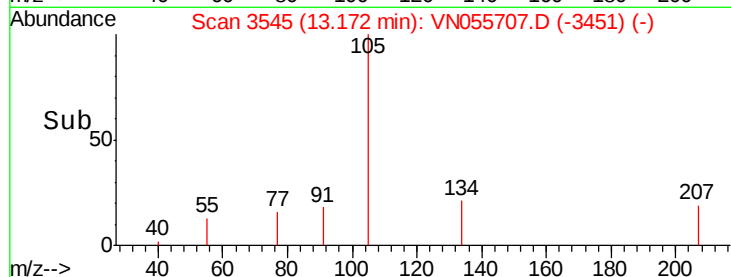
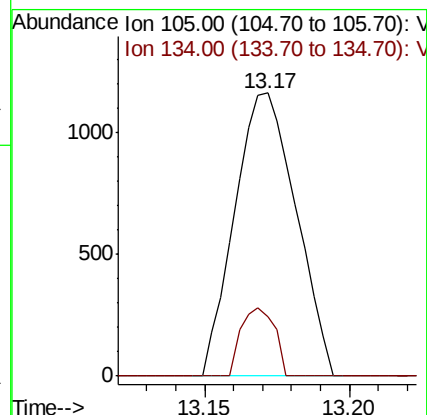
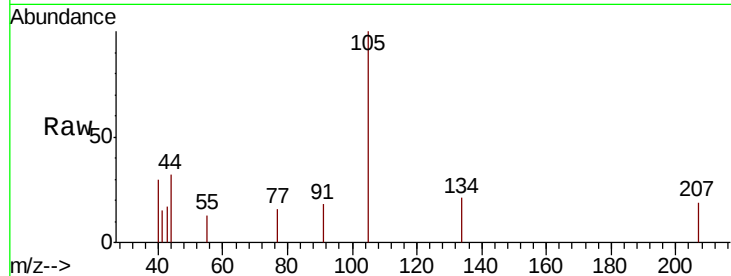
ClientSampled :

Tot Ion:105 Resp: 1705

Ion Ratio Lower Upper

105 100

134 13.1 10.3 30.9



#86

p-Isopropyltoluene

Concen: Below Cal

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055707.D

Acq: 21 May 2019 14:17

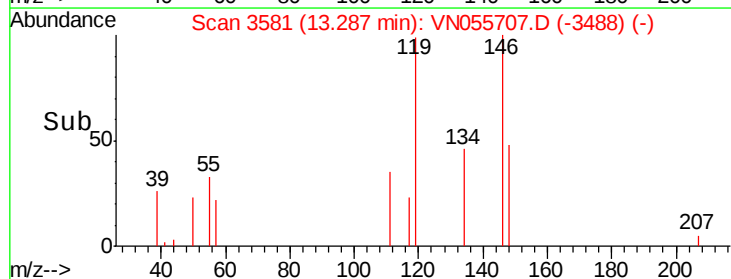
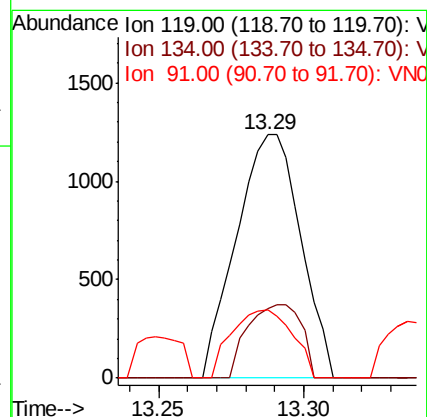
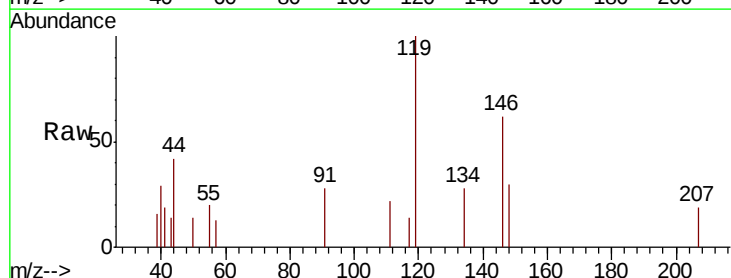
Tgt Ion:119 Resp: 1901

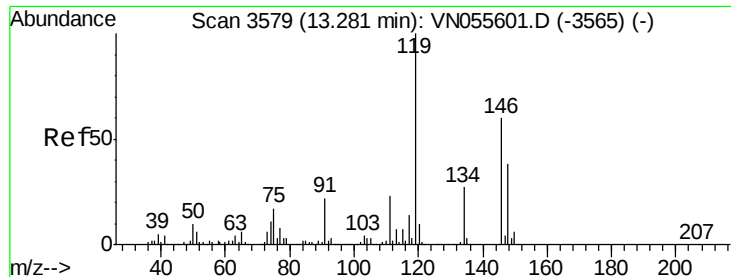
Ion Ratio Lower Upper

119 100

134 25.1 13.4 40.2

91 26.6 11.0 33.0

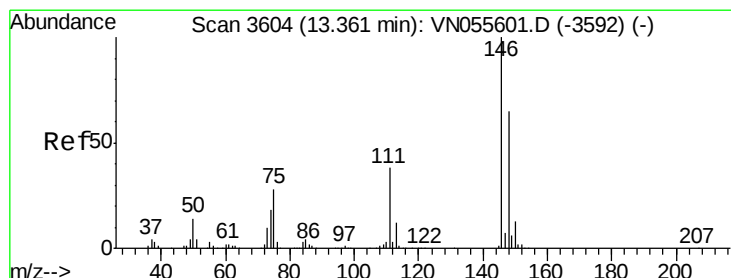
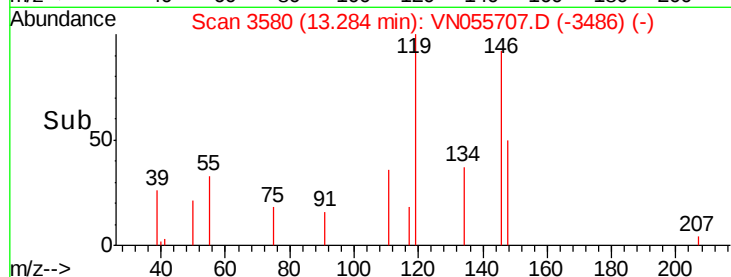
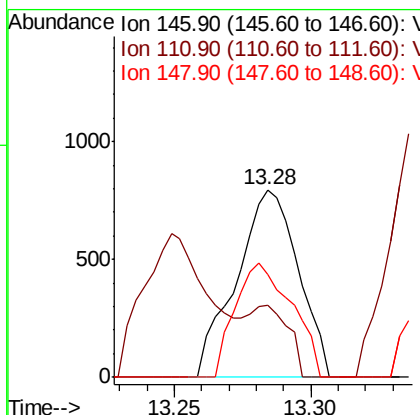
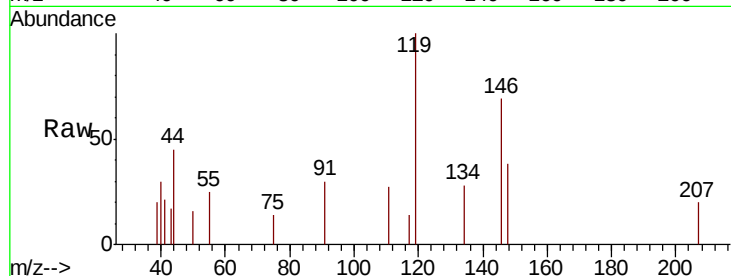




#87
 1,3-Dichlorobenzene
 Concen: 0.210 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN055707.D
 Acq: 21 May 2019 14:17

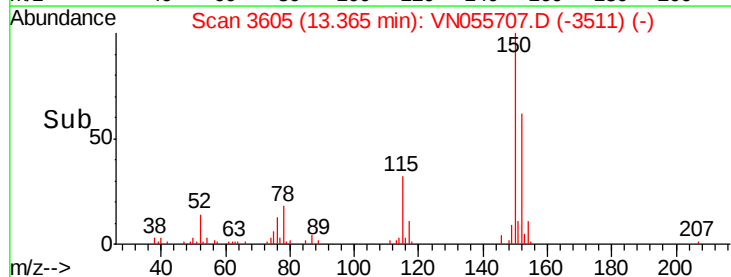
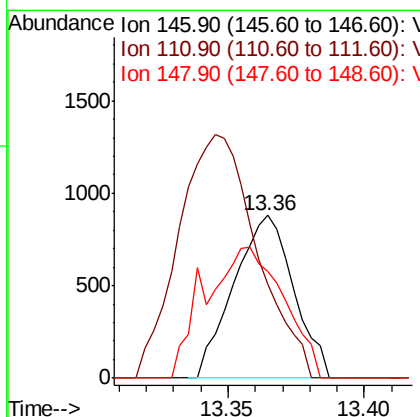
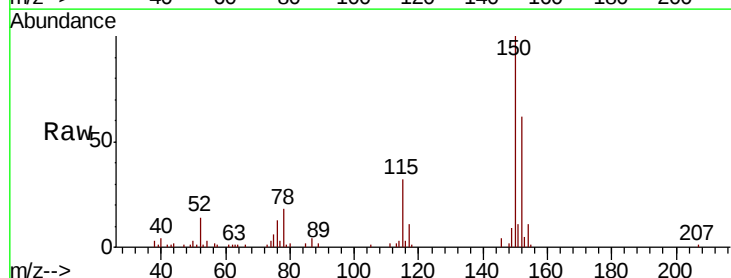
Instrument :
 MSVOA_N
 ClientSampled :

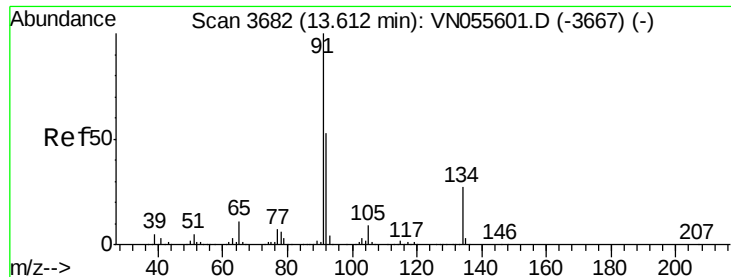
Tot Ion:146 Resp: 1250
 Ion Ratio Lower Upper
 146 100
 111 0.0 18.9 56.9#
 148 55.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 0.236 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN055707.D
 Acq: 21 May 2019 14:17

Tgt Ion:146 Resp: 1338
 Ion Ratio Lower Upper
 146 100
 111 195.9 18.8 56.4#
 148 105.6 32.4 97.0#

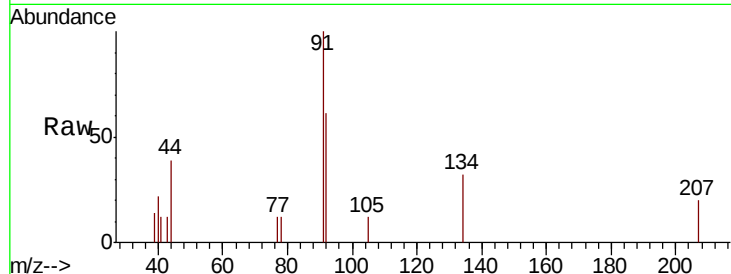




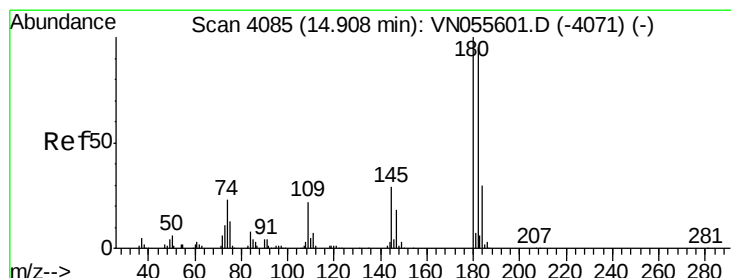
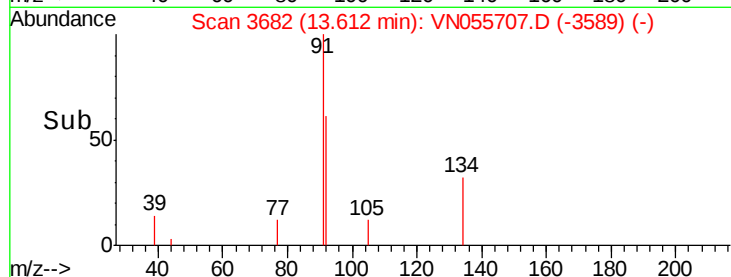
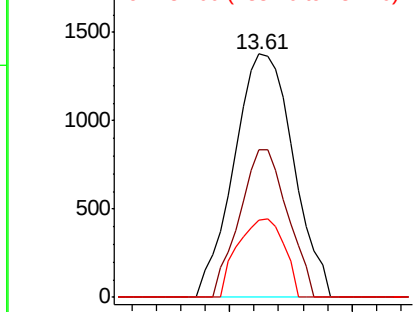
#89
n-Butylbenzene
Concen: 0.242 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055707.D
Acq: 21 May 2019 14:17

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 91 Resp: 2323
Ion Ratio Lower Upper
91 100
92 48.9 26.4 79.0
134 25.1 13.7 41.1

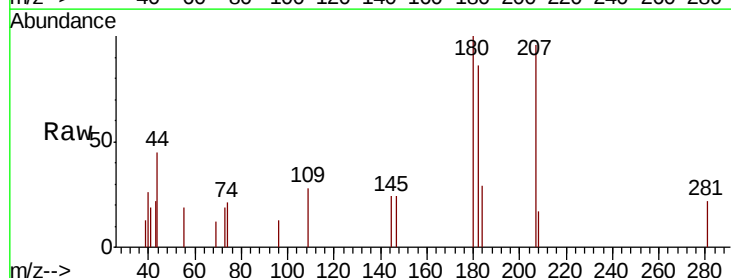


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

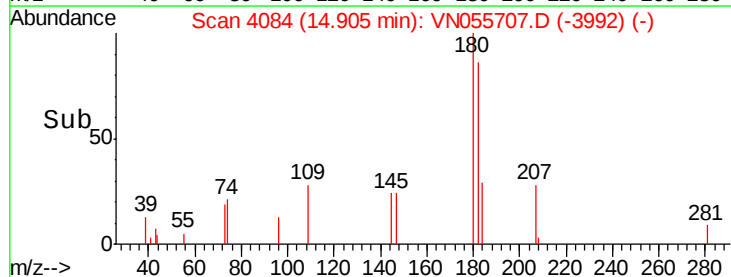
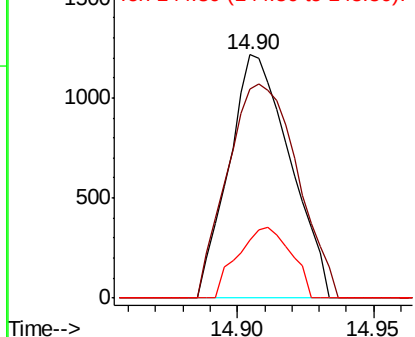


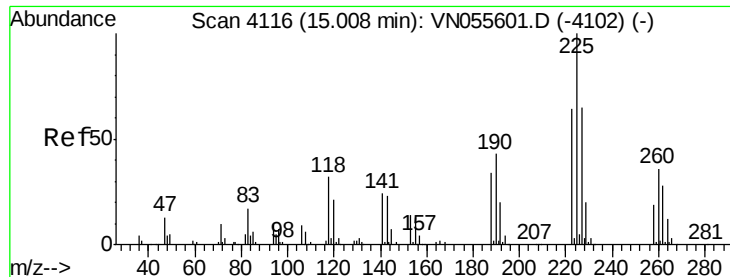
#93
1,2,4-Trichlorobenzene
Concen: 0.626 ug/l
RT: 14.90 min Scan# 4084
Delta R.T. -0.00 min
Lab File: VN055707.D
Acq: 21 May 2019 14:17

Tgt Ion: 180 Resp: 1888
Ion Ratio Lower Upper
180 100
182 101.0 47.9 143.6
145 25.3 14.3 42.9



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





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4115

Delta R.T. -0.00 min

Lab File: VN055707.D

Acq: 21 May 2019 14:17

Instrument :

MSVOA_N

ClientSampled :

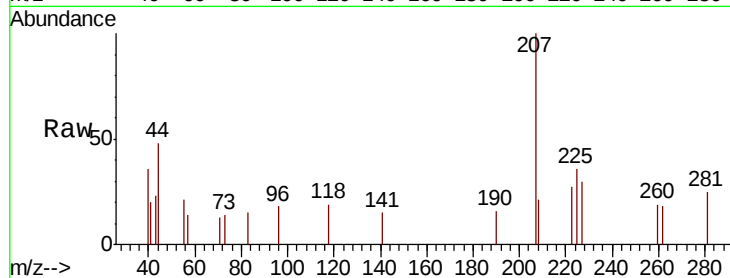
Tot Ion:225 Resp: 660

Ion Ratio Lower Upper

225 100

223 66.7 31.6 94.7

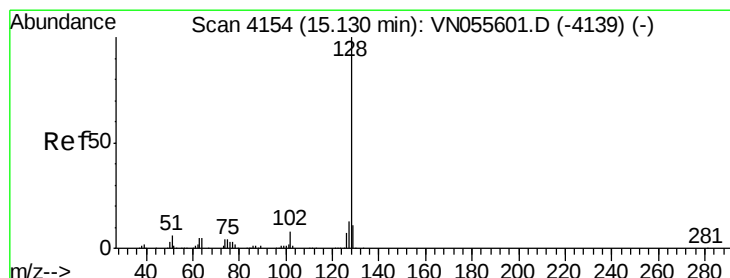
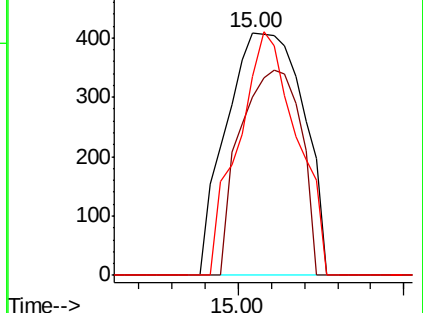
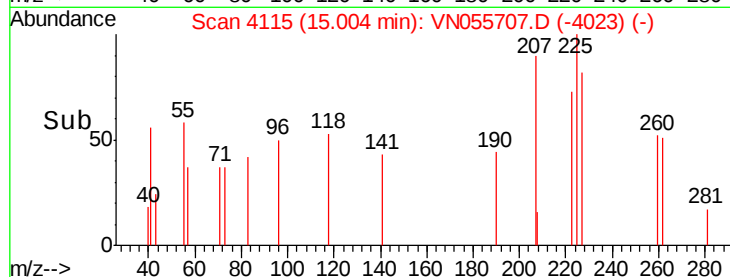
227 76.1 32.4 97.0



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: 2.377 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055707.D

Acq: 21 May 2019 14:17

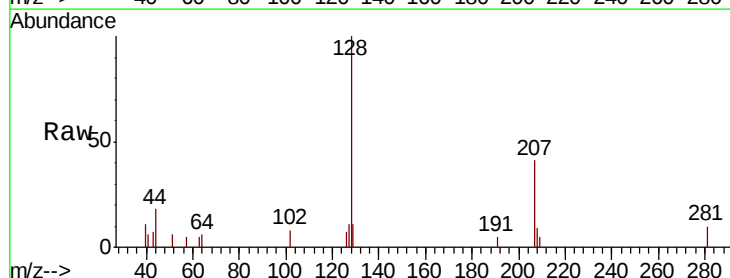
Tgt Ion:128 Resp: 5782

Ion Ratio Lower Upper

128 100

127 11.5 10.2 15.4

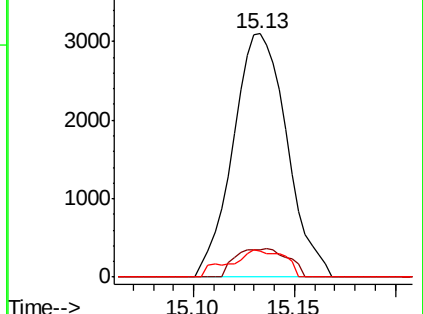
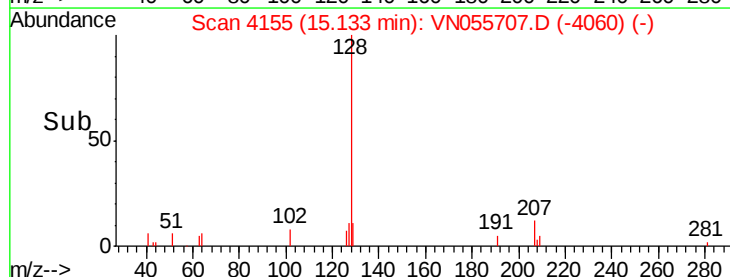
129 11.2 8.6 12.8

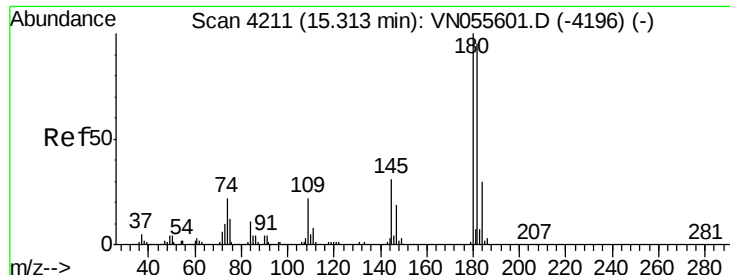


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

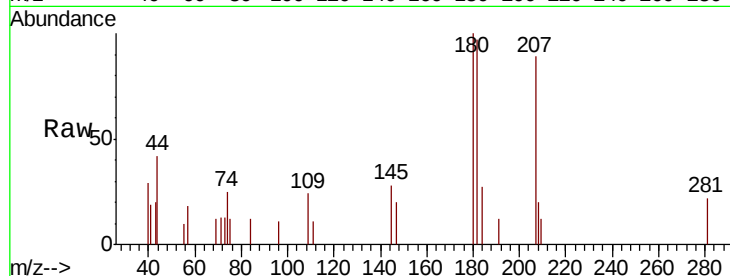




#96
 1,2,3-Trichlorobenzene
 Concen: 0.826 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN055707.D
 Acq: 21 May 2019 14:17

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.9	143.6
145	26.6	15.4	46.1



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

