

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053019\
 Data File : VN055892.D
 Acq On : 30 May 2019 11:43
 Operator : JC/SP
 Sample : PB120168TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 30 17:13:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	354464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	534022	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	489711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	161954	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	183190	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	7.59	113	159172	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
50) Toluene-d8	10.09	98	646034	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.40	95	205270	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	

Target Compounds

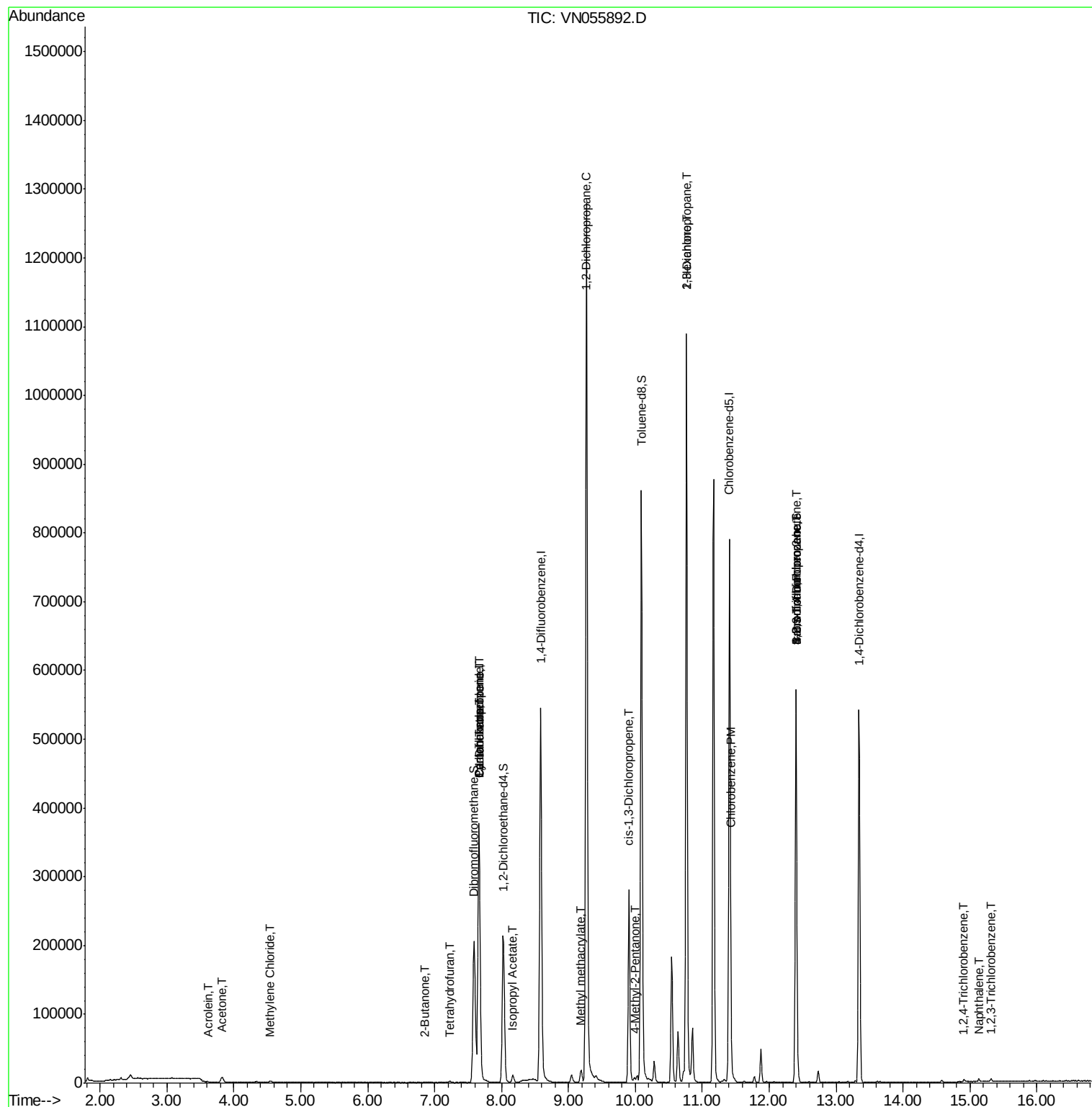
					Qvalue	
13) Acrolein	3.61	56	217	0.433	ug/l	89
16) Acetone	3.82	43	13549	8.420	ug/l	95
18) Methyl Acetate	4.34	43	3092	Below Cal	#	80
20) Methylene Chloride	4.54	84	834	0.239	ug/l	85
25) 2-Butanone	6.86	43	2617	1.165	ug/l #	87
29) Tetrahydrofuran	7.22	42	1839	1.292	ug/l #	80
31) Cyclohexane	7.66	56	5726	1.042	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	22167	4.763	ug/l #	47
38) Carbon Tetrachloride	7.66	117	30405	6.272	ug/l #	15
43) Isopropyl Acetate	8.17	43	13444	1.779	ug/l #	89
45) 1,2-Dichloropropane	9.27	63	1569	0.429	ug/l #	44
48) Methyl methacrylate	9.18	41	7075	2.031	ug/l #	12
51) 4-Methyl-2-Pentanone	9.98	43	5040	1.129	ug/l	95
54) cis-1,3-Dichloropropene	9.90	75	54404	9.362	ug/l #	58
57) 1,3-Dichloropropane	10.76	76	11478	1.998	ug/l #	42
59) 2-Hexanone	10.76	43	153856	48.592	ug/l #	50
65) Chlorobenzene	11.43	112	2032	0.207	ug/l	97
71) Bromoform	12.40	173	1477	0.443	ug/l #	1
73) Isopropylbenzene	12.25	105	915	Below Cal		75
74) N-amyl acetate	12.07	43	1399	Below Cal	#	50
76) 1,2,3-Trichloropropane	12.40	75	94828	32.929	ug/l #	100
79) 2-Chlorotoluene	12.77	91	1114	Below Cal		97
80) 1,3,5-Trimethylbenzene	12.73	105	9382	Below Cal		97
81) trans-1,4-Dichloro-2-buten	12.40	75	94828	78.781	ug/l #	15
83) tert-Butylbenzene	12.99	119	683	Below Cal	#	77
84) 1,2,4-Trimethylbenzene	13.04	105	1197	Below Cal		91
85) sec-Butylbenzene	13.17	105	1375	Below Cal	#	71
93) 1,2,4-Trichlorobenzene	14.90	180	1347	4.034	ug/l #	82
94) Hexachlorobutadiene	15.00	225	412	Below Cal		74
95) Naphthalene	15.14	128	4749	0.634	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.32	180	1866	0.647	ug/l	95

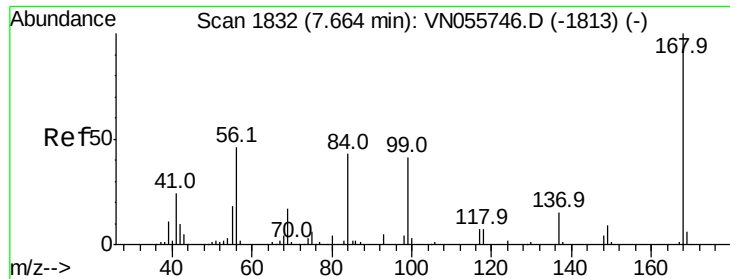
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 24 06:41:54 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055892.D

Acq: 30 May 2019 11:43

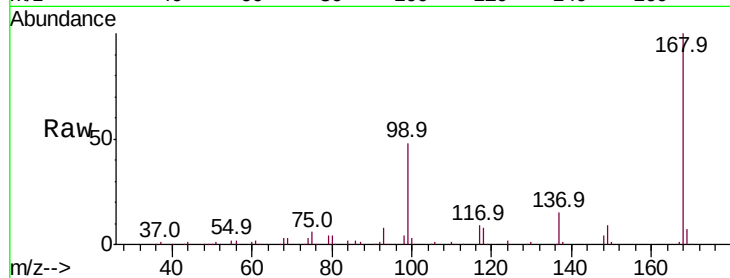
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 354464

Ion Ratio Lower Upper

168 100

99 48.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

150000

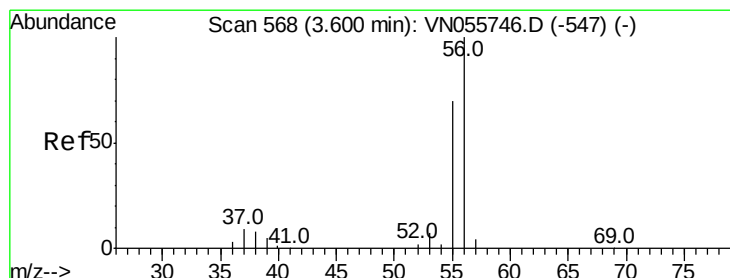
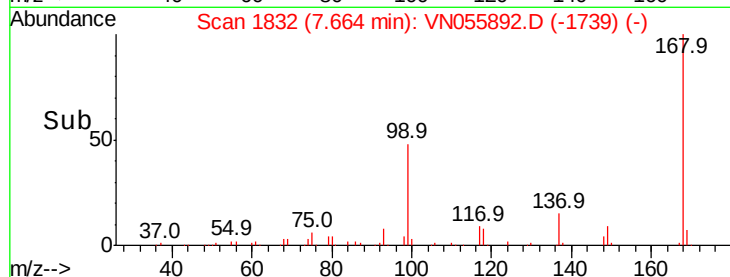
100000

50000

0

Time-->

7.60 7.70 7.80



#13

Acrolein

Concen: 0.433 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN055892.D

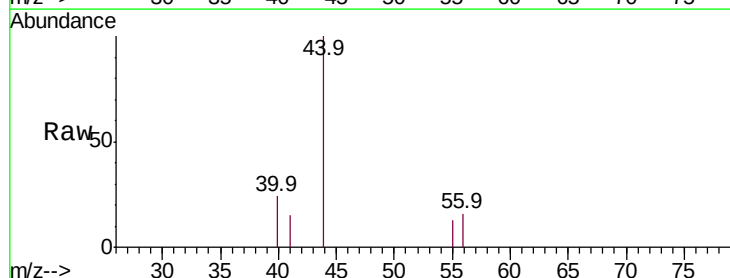
Acq: 30 May 2019 11:43

Tgt Ion: 56 Resp: 217

Ion Ratio Lower Upper

56 100

55 78.3 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

250

200

150

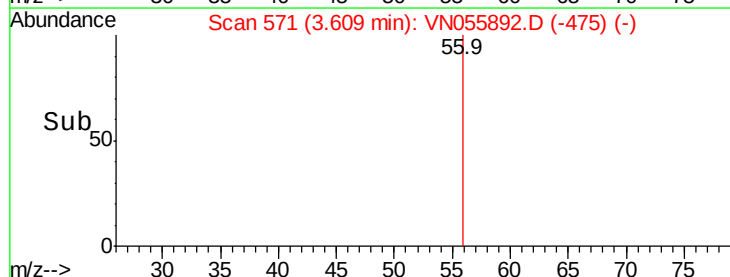
100

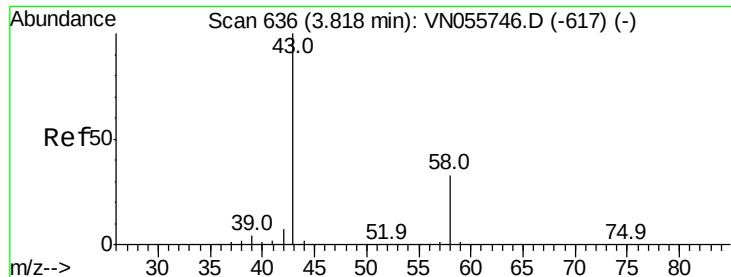
50

0

Time-->

3.58 3.60 3.62





#16

Acetone

Concen: 8.420 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055892.D

Acq: 30 May 2019 11:43

Instrument :

MSVOA_N

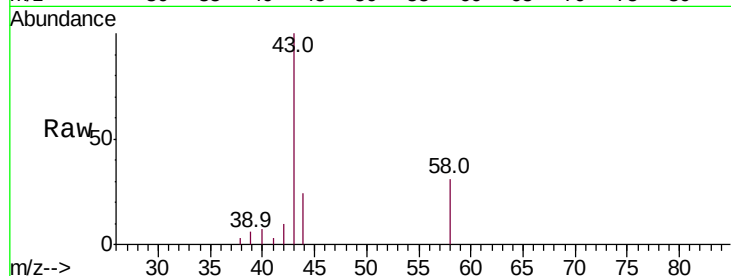
ClientSampled :

Tot Ion: 43 Resp: 13549

Ion Ratio Lower Upper

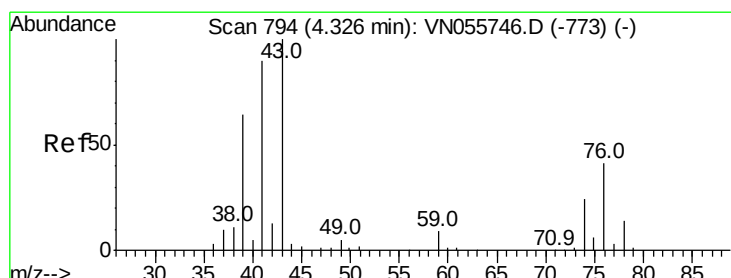
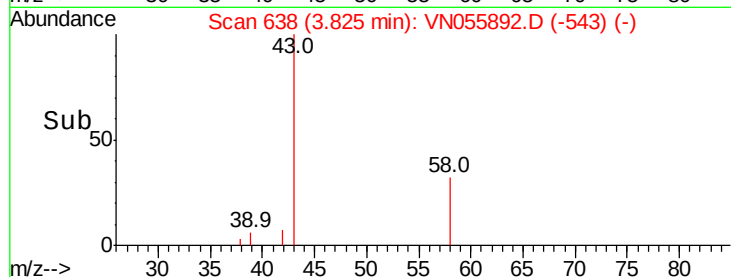
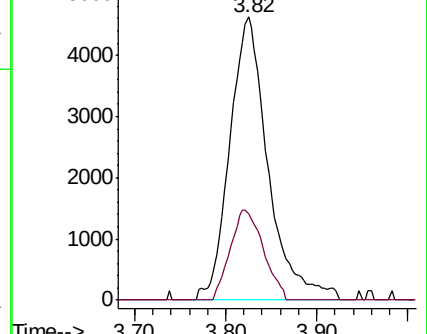
43 100

58 30.5 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN055892.D

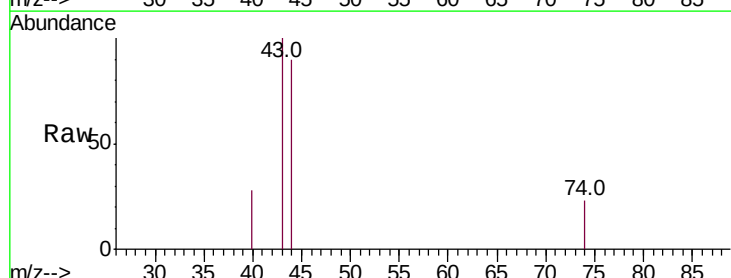
Acq: 30 May 2019 11:43

Tgt Ion: 43 Resp: 3092

Ion Ratio Lower Upper

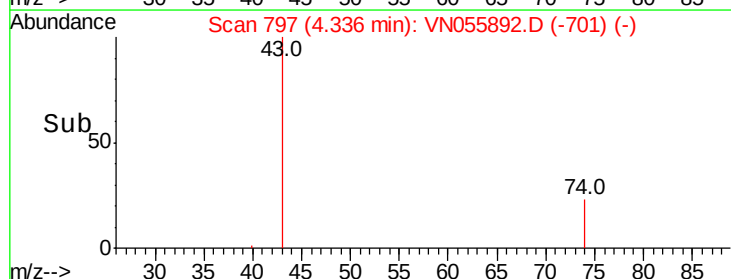
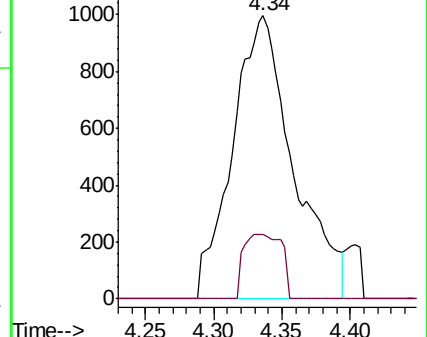
43 100

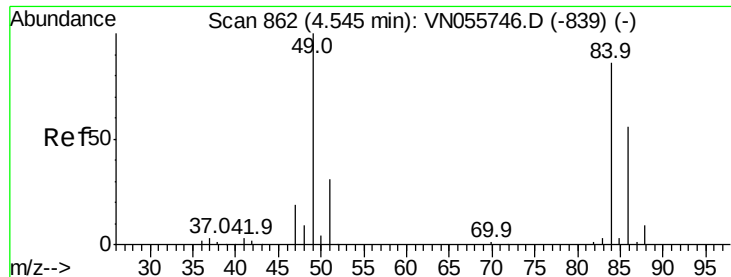
74 14.3 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

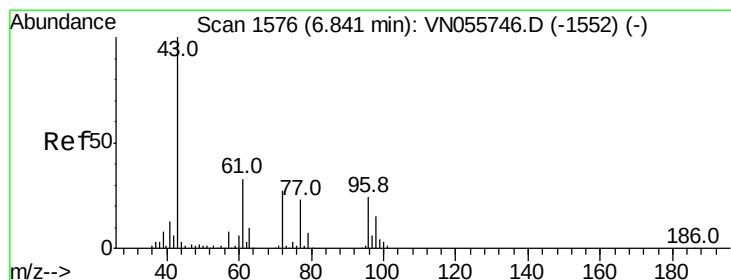
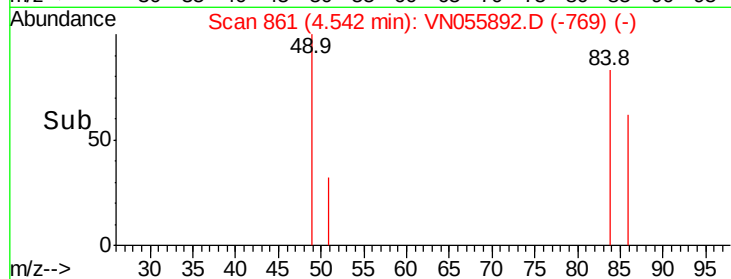
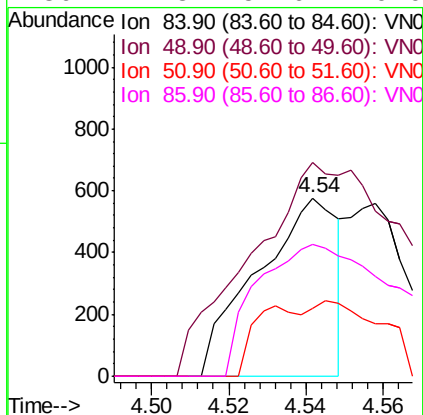
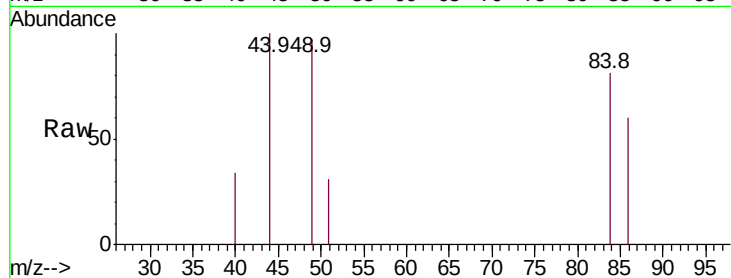




#20
Methvlene Chloride
Concen: 0.239 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN055892.D
Acq: 30 May 2019 11:43

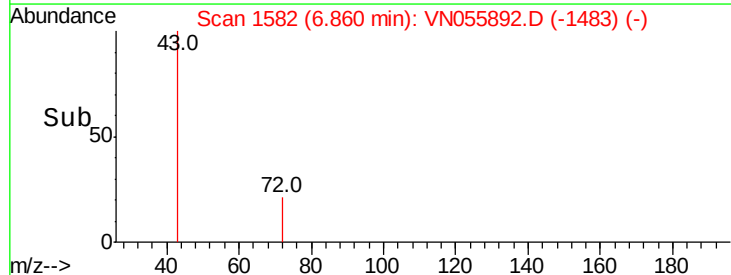
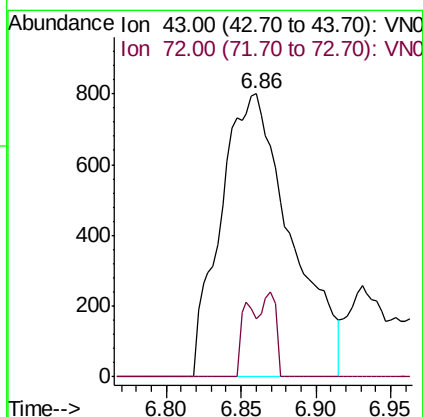
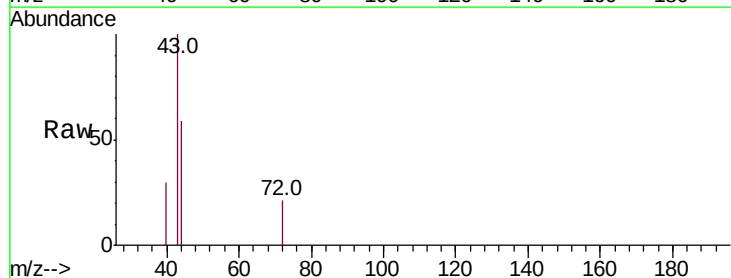
Instrument :
MSVOA_N
ClientSampled :

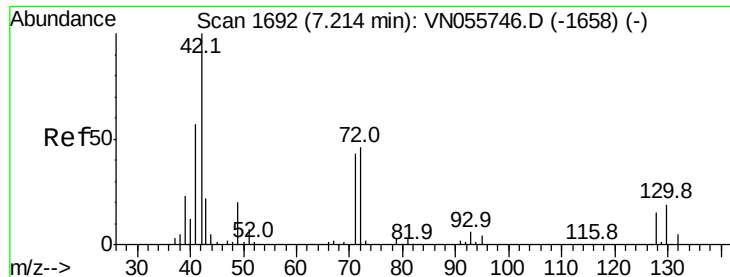
Tot Ion: 84 Resp: 834
Ion Ratio Lower Upper
84 100
49 93.8 93.5 140.3
51 38.4 28.6 43.0
86 74.3 52.6 79.0



#25
2-Butanone
Concen: 1.165 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. 0.02 min
Lab File: VN055892.D
Acq: 30 May 2019 11:43

Tgt Ion: 43 Resp: 2617
Ion Ratio Lower Upper
43 100
72 20.5 21.9 32.9#





#29

Tetrahydrofuran

Concen: 1.292 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN055892.D

Acq: 30 May 2019 11:43

Instrument :

MSVOA_N

ClientSampleId :

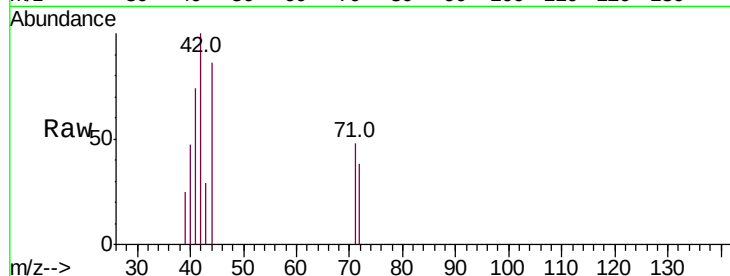
Tot Ion: 42 Resp: 1839

Ion Ratio Lower Upper

42 100

72 29.3 35.9 53.9#

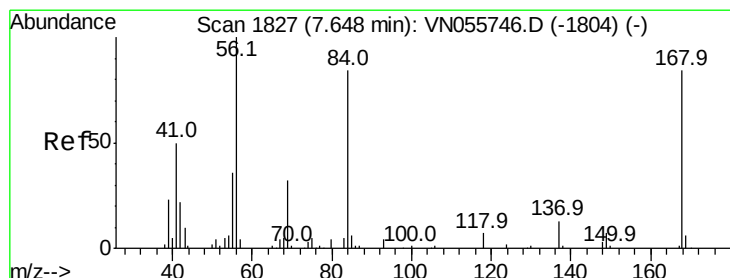
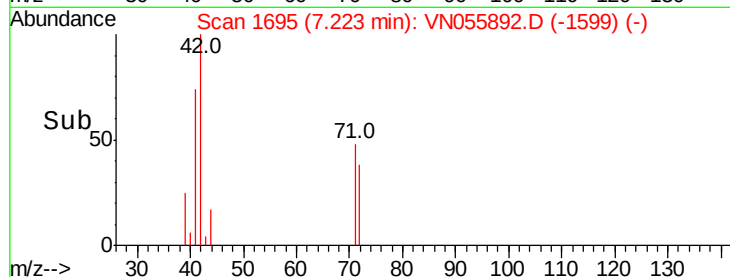
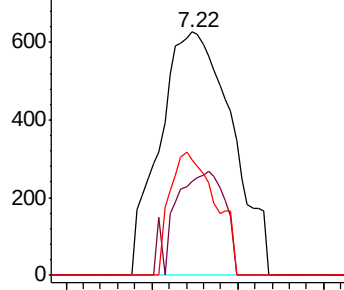
71 31.8 34.0 51.0#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 1.042 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN055892.D

Acq: 30 May 2019 11:43

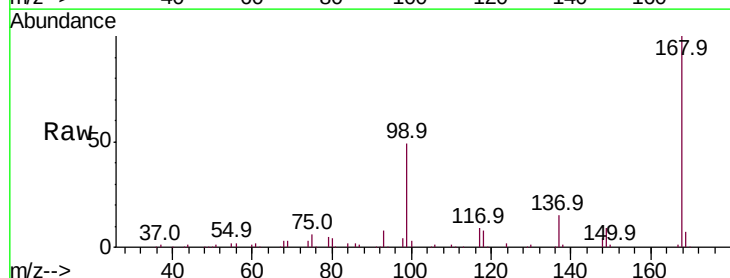
Tgt Ion: 56 Resp: 5726

Ion Ratio Lower Upper

56 100

69 179.2 25.6 38.4#

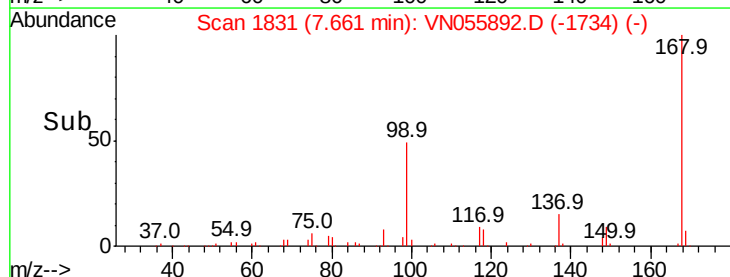
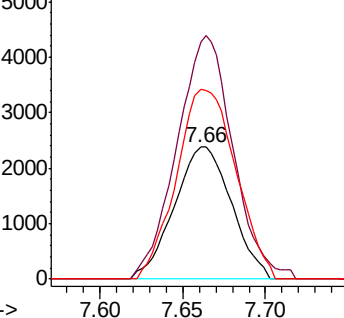
84 143.4 67.4 101.0#

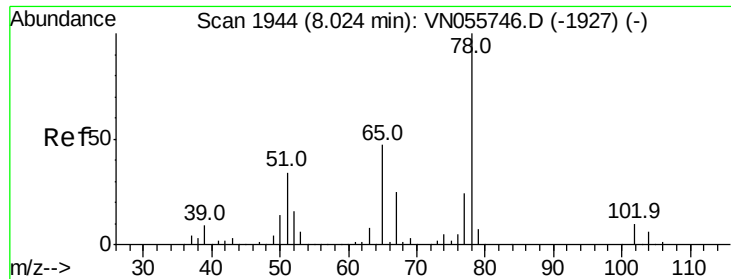


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

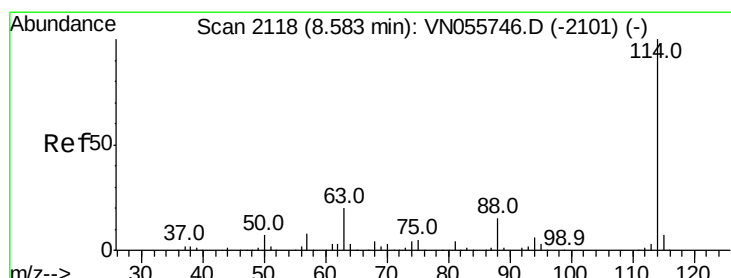
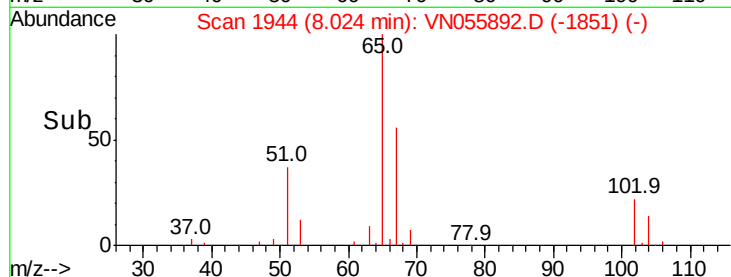
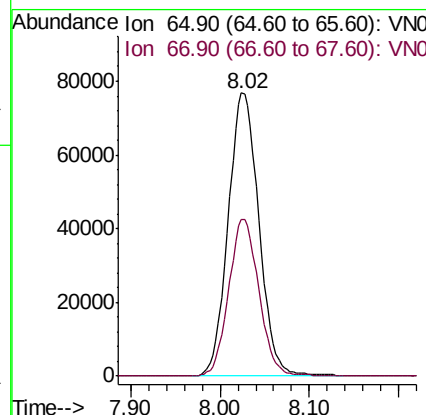
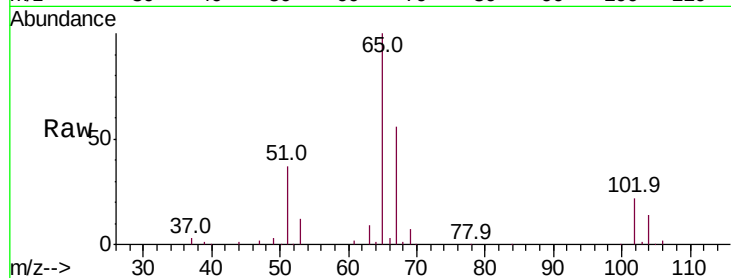




#33
 1,2-Dichloroethane-d4
 Concen: 50.043 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN055892.D
 Acq: 30 May 2019 11:43

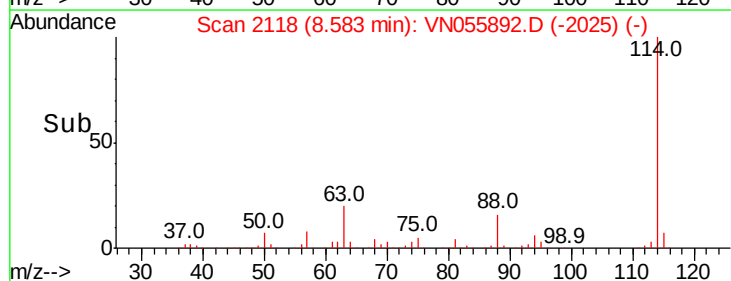
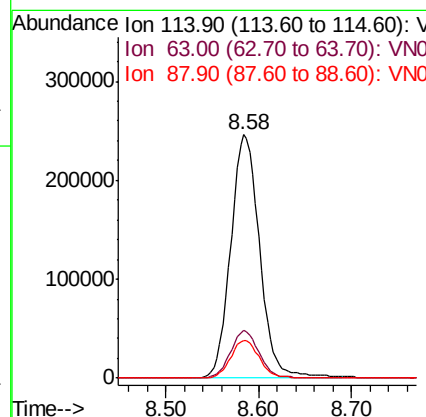
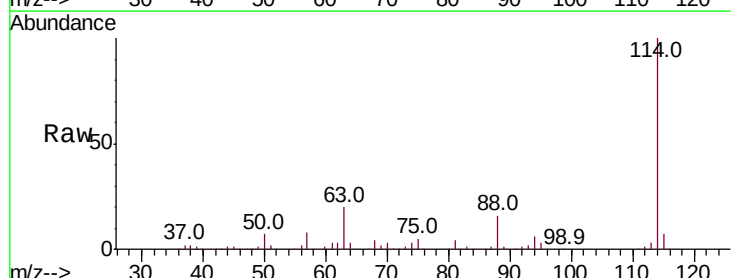
Instrument :
 MSVOA_N
 ClientSampled :

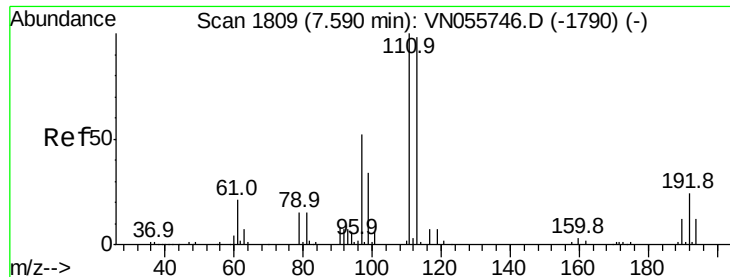
Tot Ion: 65 Resp: 183190
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055892.D
 Acq: 30 May 2019 11:43

Tgt Ion:114 Resp: 534022
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.2
 88 15.5 0.0 31.0

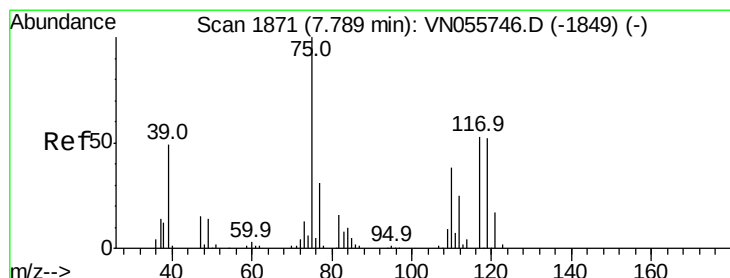
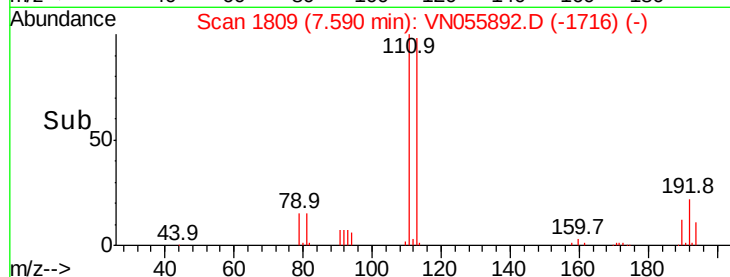
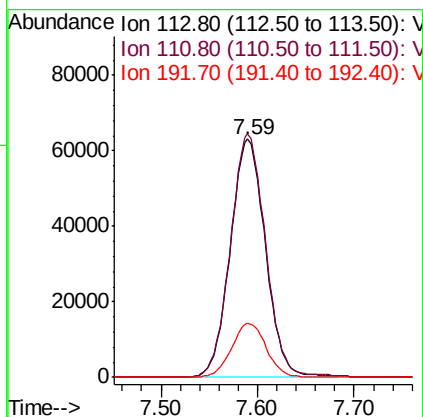
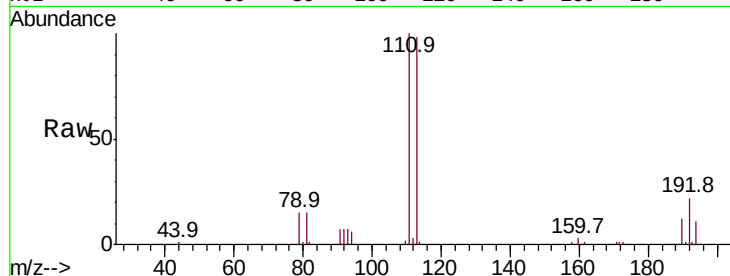




#35
 Dibromofluoromethane
 Concen: 47.144 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055892.D
 Acq: 30 May 2019 11:43

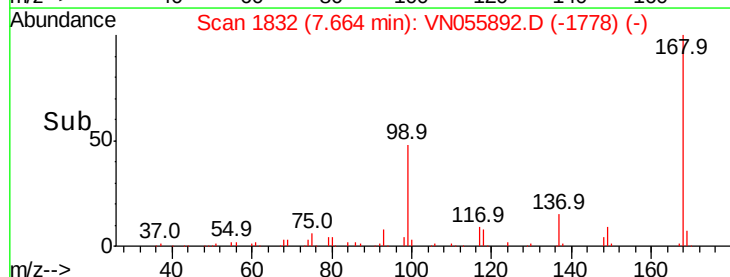
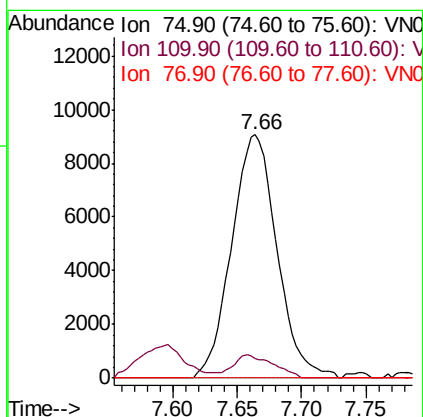
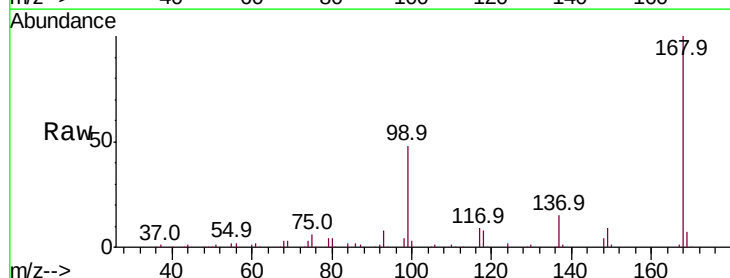
Instrument :
 MSVOA_N
 ClientSampled :

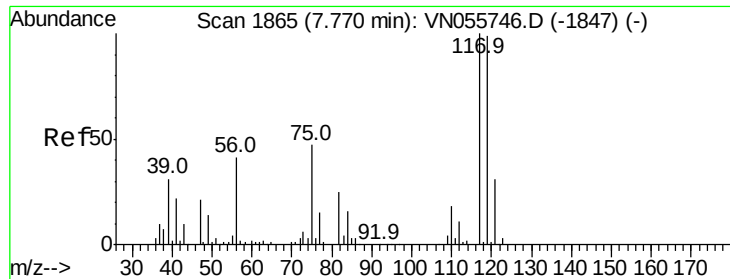
Tot Ion:113 Resp: 159172
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.9 122.9
 192 22.3 19.5 29.3



#36
 1,1-Dichloropropene
 Concen: 4.763 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055892.D
 Acq: 30 May 2019 11:43

Tgt Ion: 75 Resp: 22167
 Ion Ratio Lower Upper
 75 100
 110 8.5 19.0 57.0#
 77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.272 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055892.D

Acq: 30 May 2019 11:43

Instrument :

MSVOA_N

ClientSampleId :

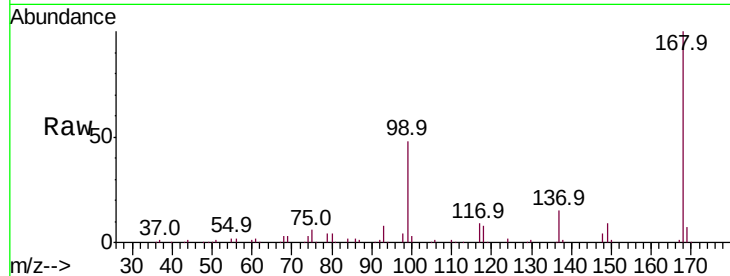
Tot Ion:117 Resp: 30405

Ion Ratio Lower Upper

117 100

119 5.4 79.0 118.6#

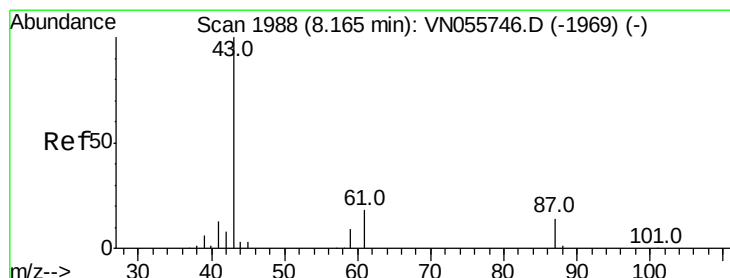
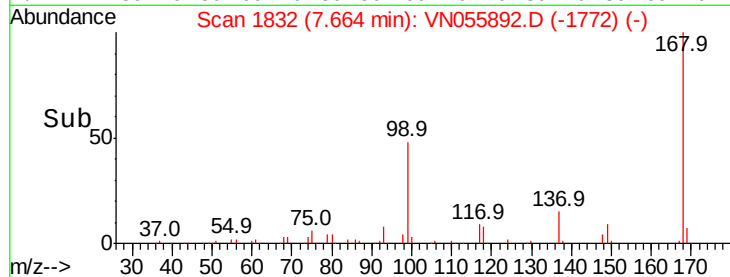
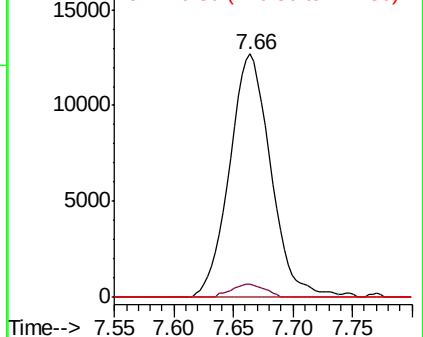
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 1.779 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055892.D

Acq: 30 May 2019 11:43

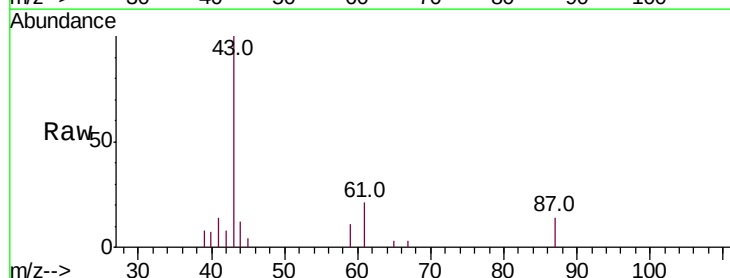
Tgt Ion: 43 Resp: 13444

Ion Ratio Lower Upper

43 100

61 19.4 22.2 33.4#

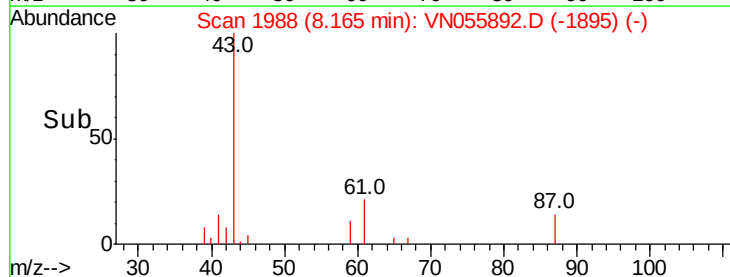
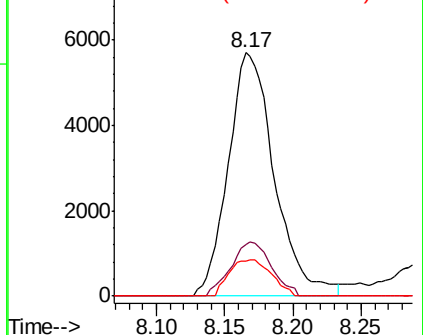
87 13.6 11.4 17.2

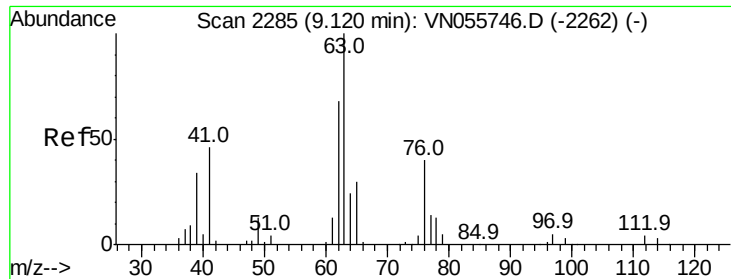


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

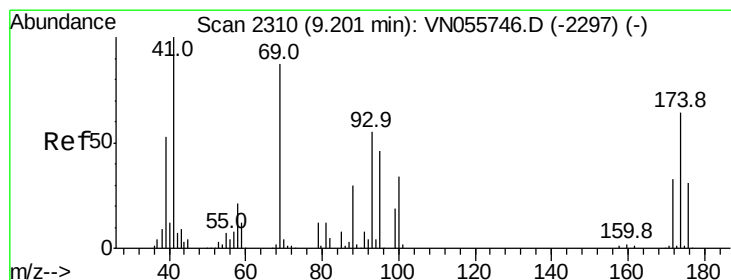
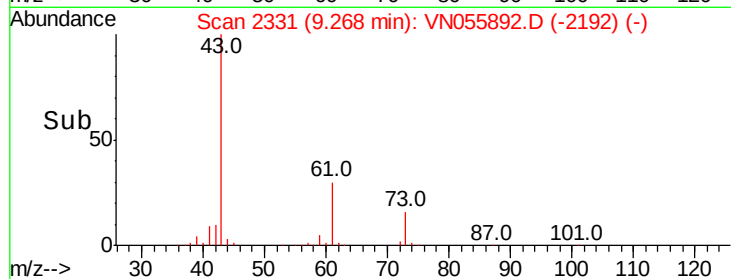
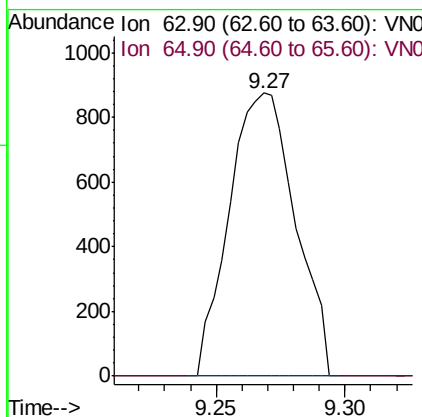
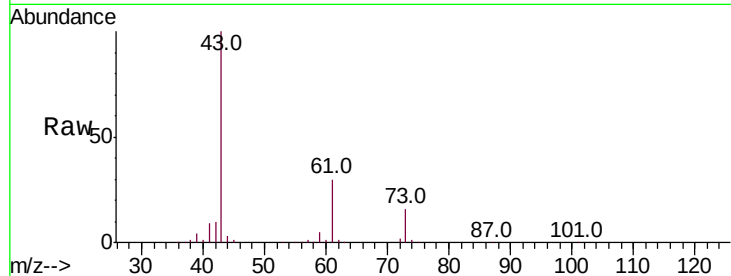




#45
 1,2-Dichloropropane
 Concen: 0.429 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN055892.D
 Acq: 30 May 2019 11:43

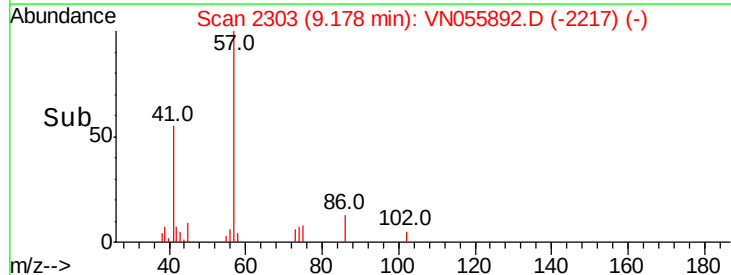
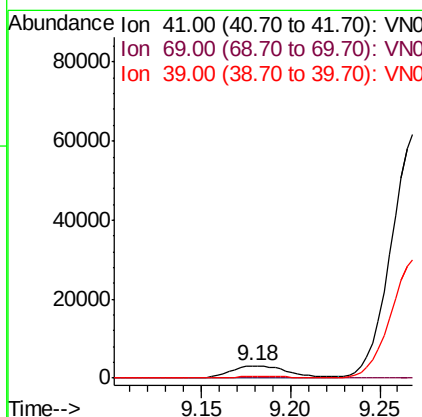
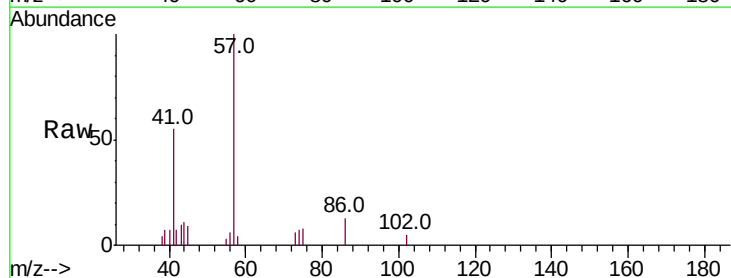
Instrument :
 MSVOA_N
 ClientSampled :

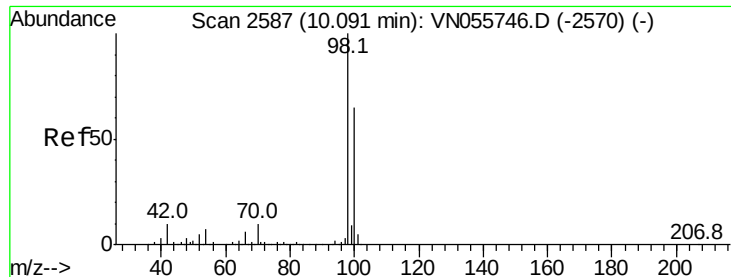
Tot Ion: 63 Resp: 1569
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.6 36.8#



#48
 Methyl methacrylate
 Concen: 2.031 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN055892.D
 Acq: 30 May 2019 11:43

Tgt Ion: 41 Resp: 7075
 Ion Ratio Lower Upper
 41 100
 69 0.0 71.0 106.6#
 39 0.0 44.2 66.2#

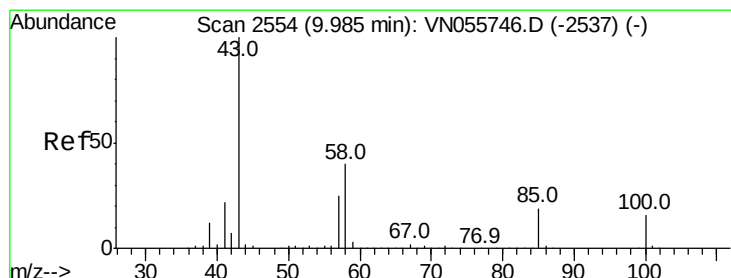
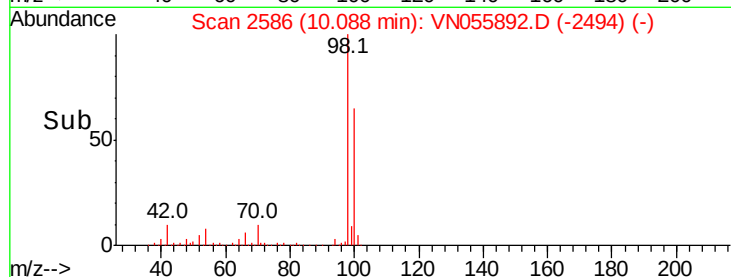
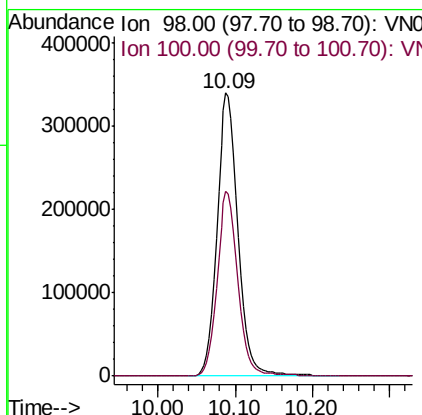
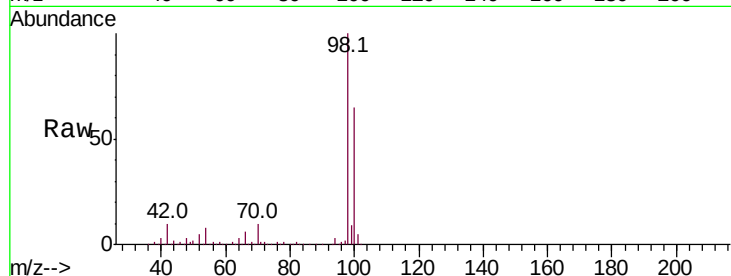




#50
Toluene-d8
Concen: 49.883 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN055892.D
Acq: 30 May 2019 11:43

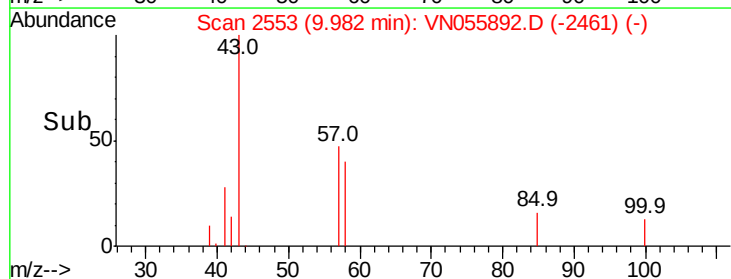
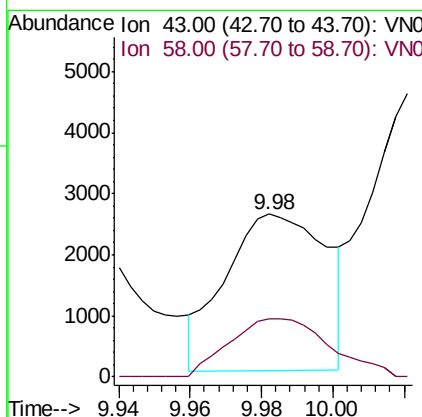
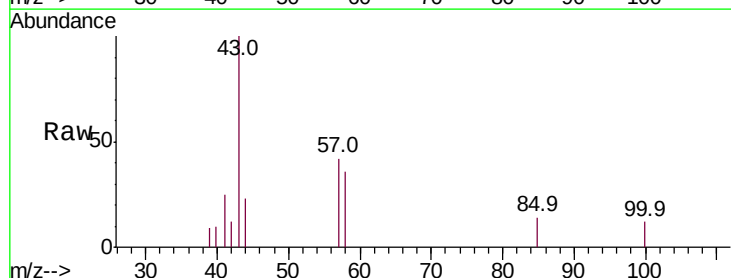
Instrument :
MSVOA_N
ClientSampleId :

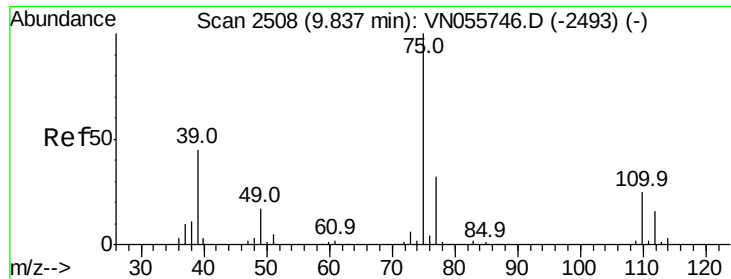
Tot Ion: 98 Resp: 646034
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.129 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN055892.D
Acq: 30 May 2019 11:43

Tgt Ion: 43 Resp: 5040
Ion Ratio Lower Upper
43 100
58 36.8 32.1 48.1



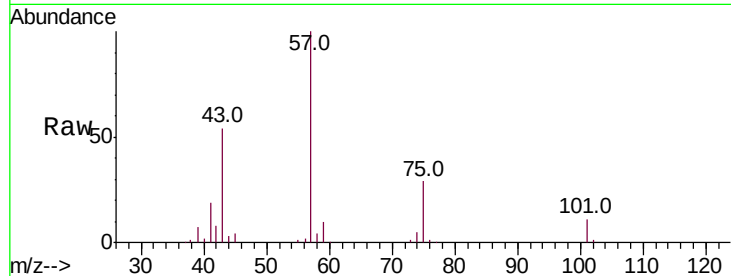


#54

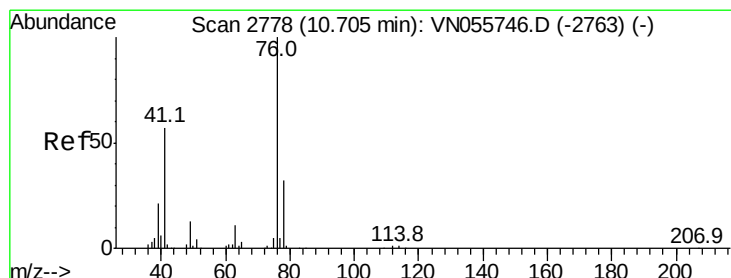
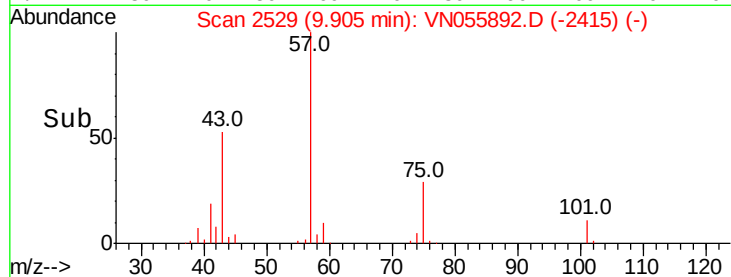
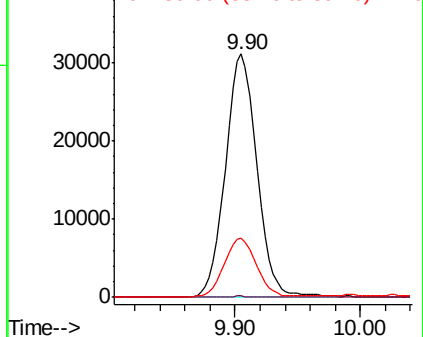
cis-1,3-Dichloropropene
 Concen: 9.362 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN055892.D
 Acq: 30 May 2019 11:43

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 75 Resp: 54404
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.4 38.0#
 39 24.3 36.3 54.5#



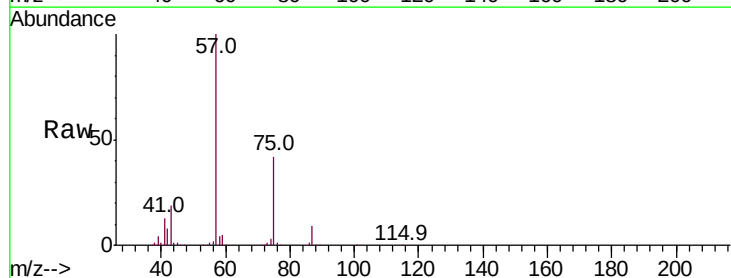
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0



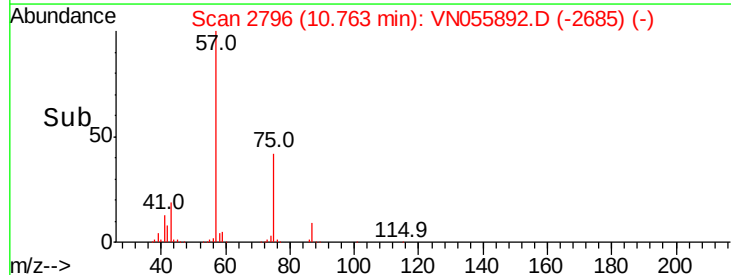
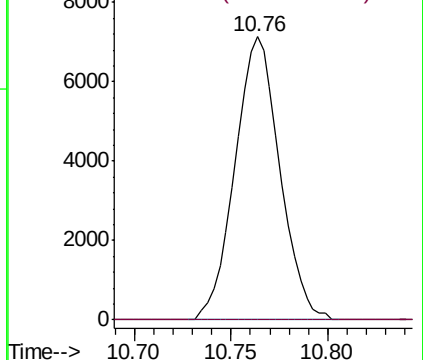
#57

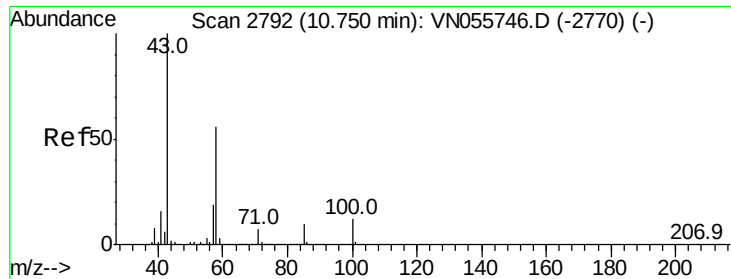
1,3-Dichloropropane
 Concen: 1.998 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055892.D
 Acq: 30 May 2019 11:43

Tgt Ion: 76 Resp: 11478
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.6#



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

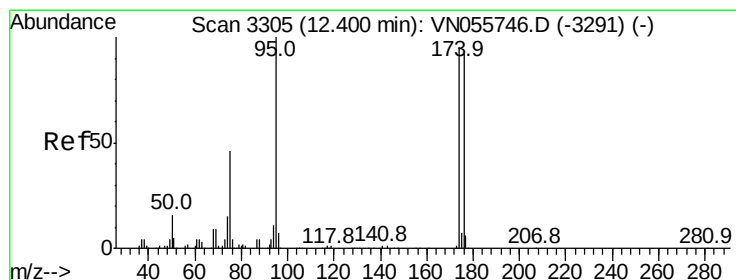
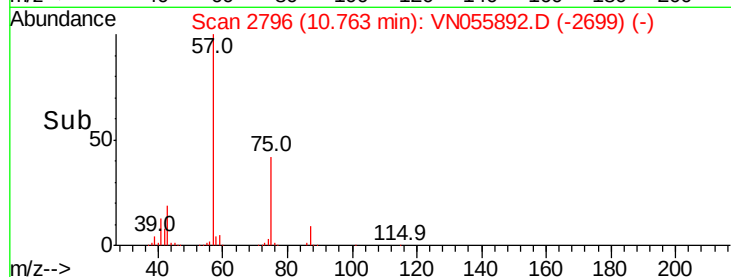
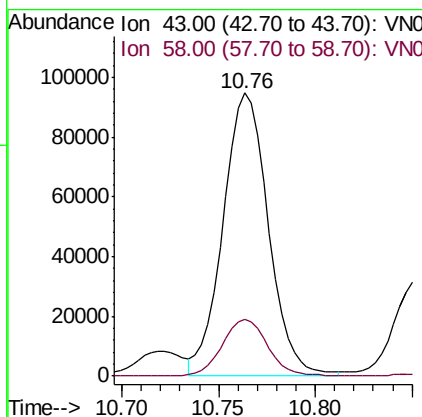
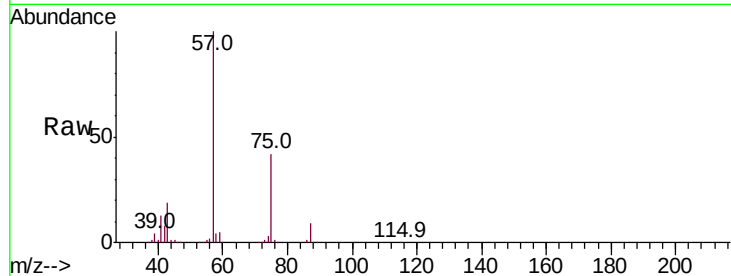




#59
2-Hexanone
Concen: 48.592 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055892.D
Acq: 30 May 2019 11:43

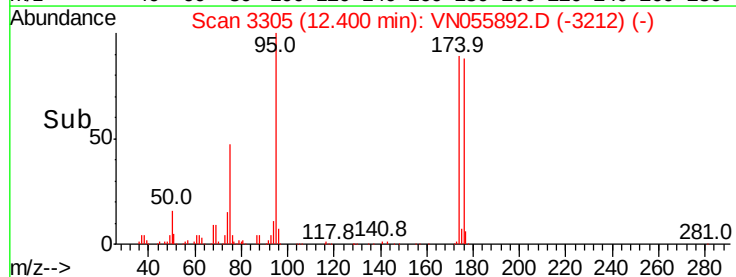
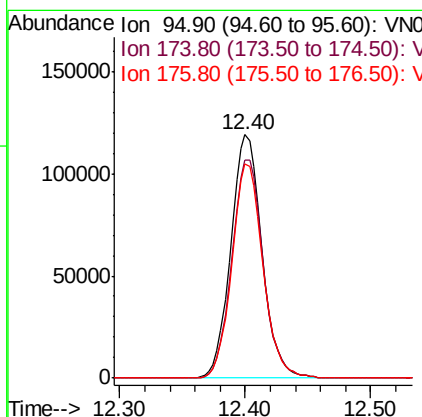
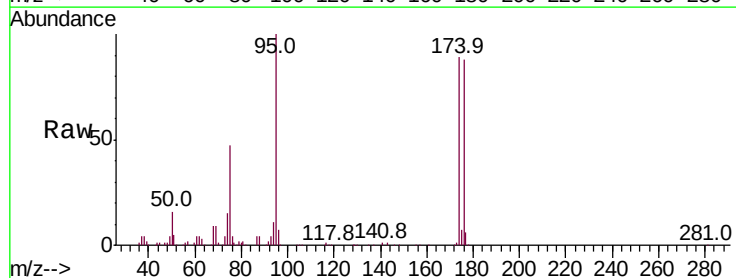
Instrument :
MSVOA_N
ClientSampled :

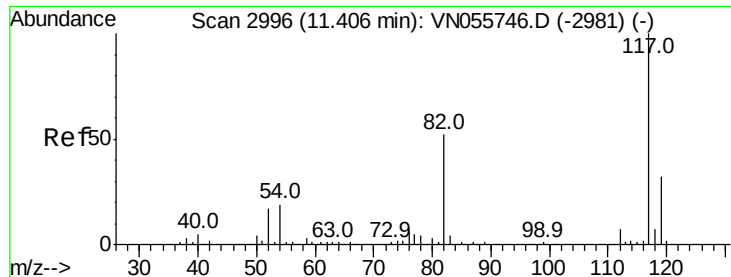
Tot Ion: 43 Resp: 153856
Ion Ratio Lower Upper
43 100
58 20.1 28.2 84.7#



#62
4-Bromofluorobenzene
Concen: 46.224 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055892.D
Acq: 30 May 2019 11:43

Tgt Ion: 95 Resp: 205270
Ion Ratio Lower Upper
95 100
174 90.3 0.0 191.0
176 87.7 0.0 185.2

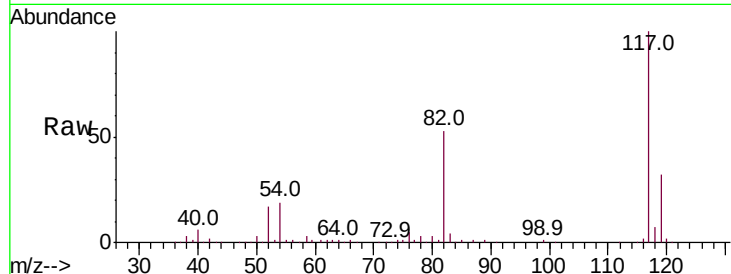




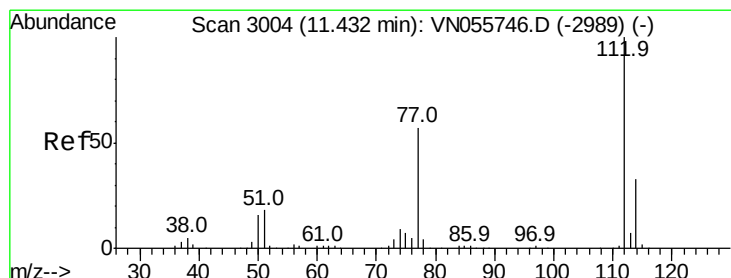
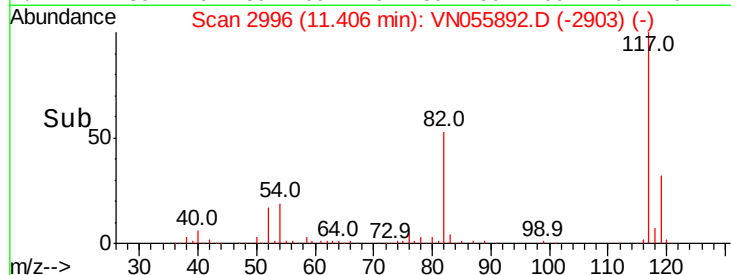
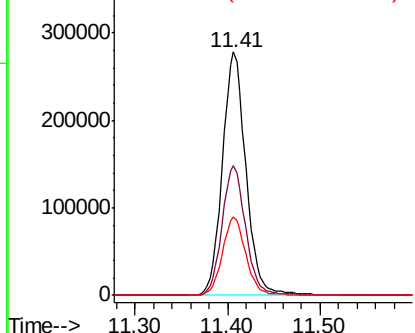
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055892.D
Acq: 30 May 2019 11:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 489711
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.8
119 32.4 25.4 38.0

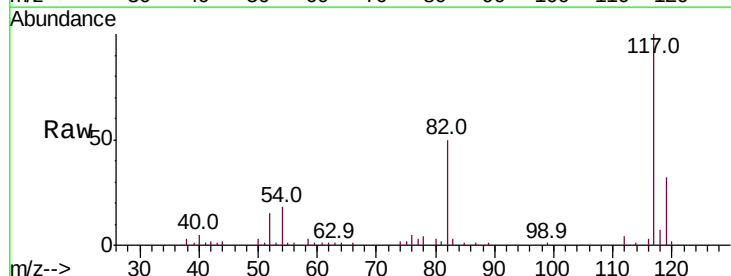


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

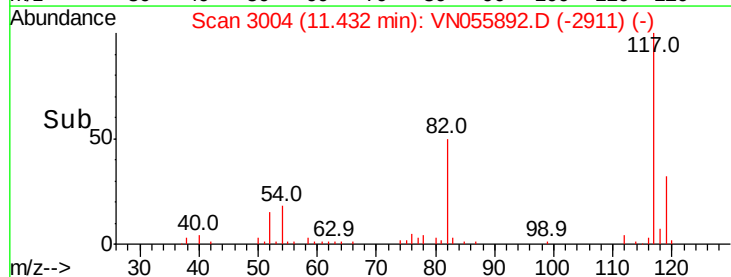
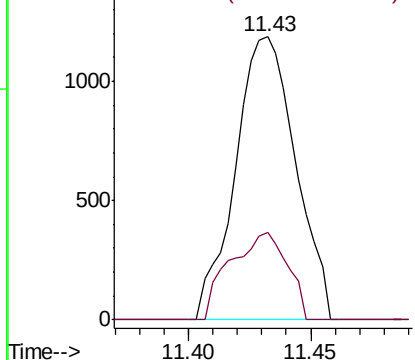


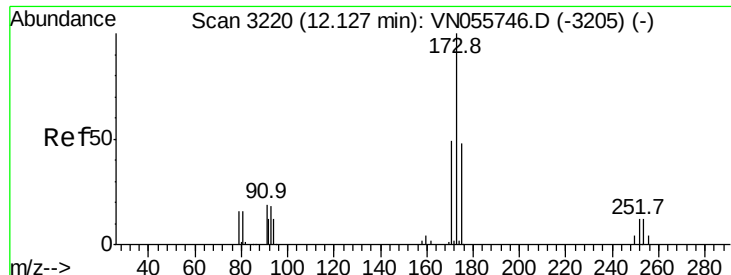
#65
Chlorobenzene
Concen: 0.207 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055892.D
Acq: 30 May 2019 11:43

Tgt Ion:112 Resp: 2032
Ion Ratio Lower Upper
112 100
114 30.8 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#71

Bromoform

Concen: 0.443 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055892.D

Acq: 30 May 2019 11:43

Instrument :

MSVOA_N

ClientSampled :

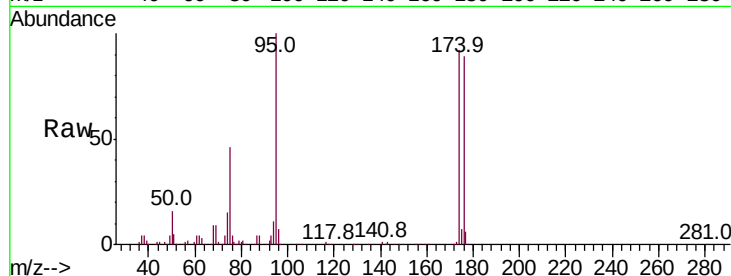
Tot Ion:173 Resp: 1477

Ion Ratio Lower Upper

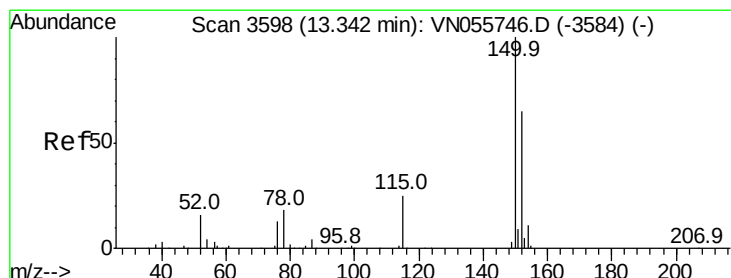
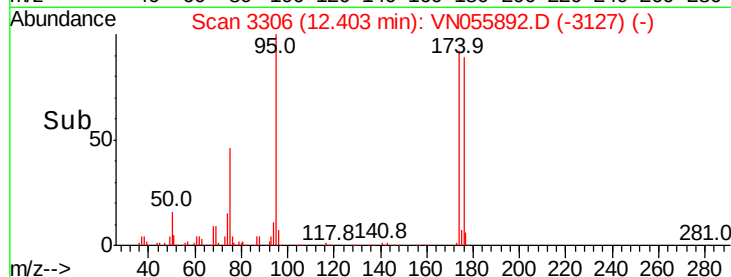
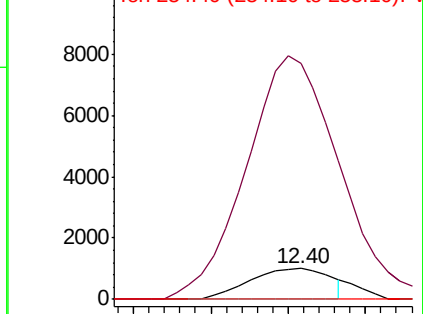
173 100

175 785.2 24.3 72.8#

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055892.D

Acq: 30 May 2019 11:43

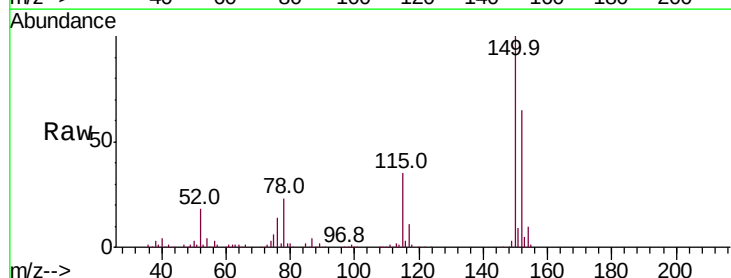
Tgt Ion:152 Resp: 161954

Ion Ratio Lower Upper

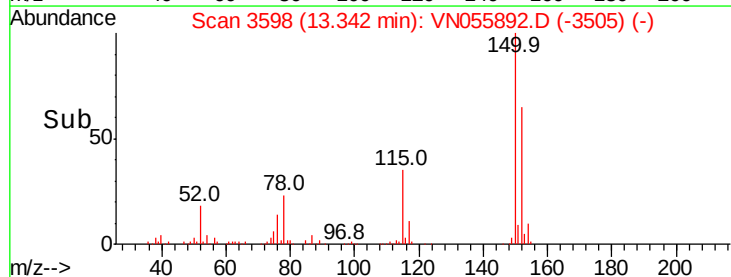
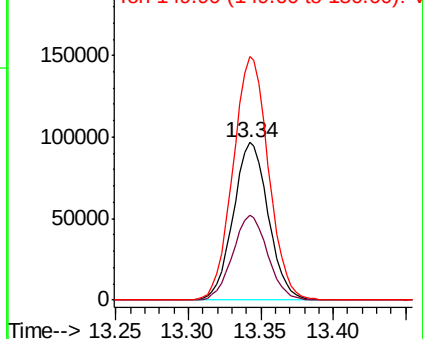
152 100

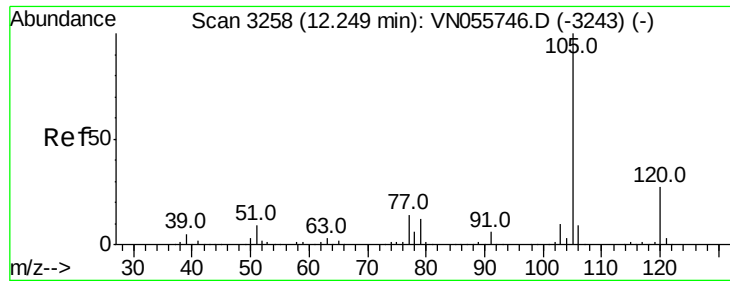
115 53.8 27.0 81.0

150 156.8 0.0 343.2



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





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN055892.D

Acq: 30 May 2019 11:43

Instrument :

MSVOA_N

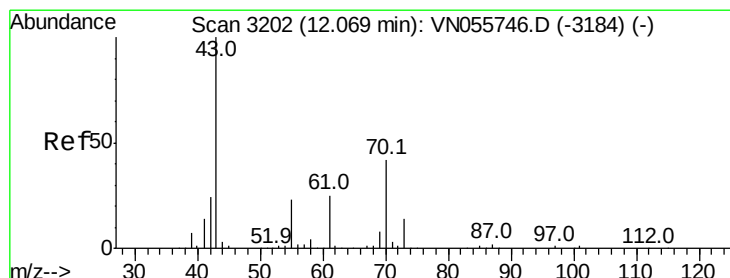
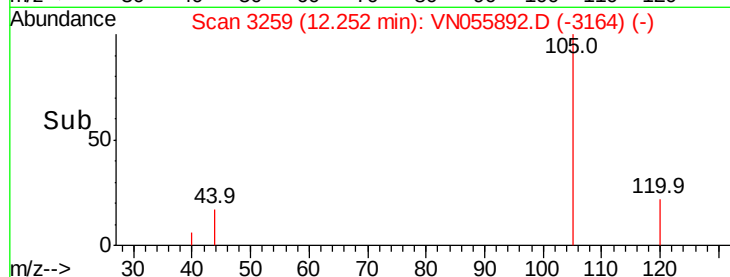
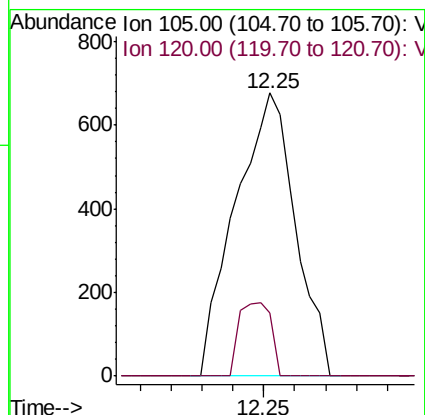
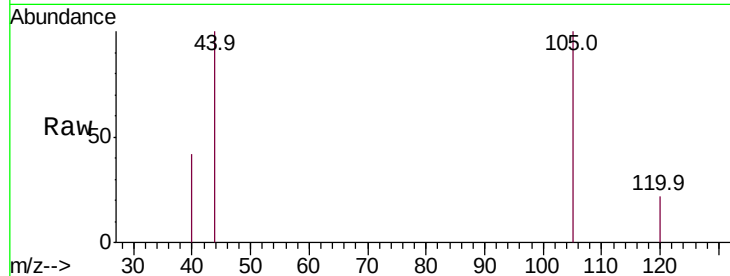
ClientSampleId :

Tot Ion:105 Resp: 915

Ion Ratio Lower Upper

105 100

120 13.9 13.6 40.7



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN055892.D

Acq: 30 May 2019 11:43

Tgt Ion: 43 Resp: 1399

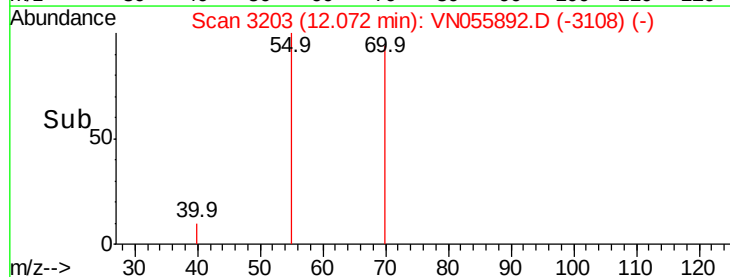
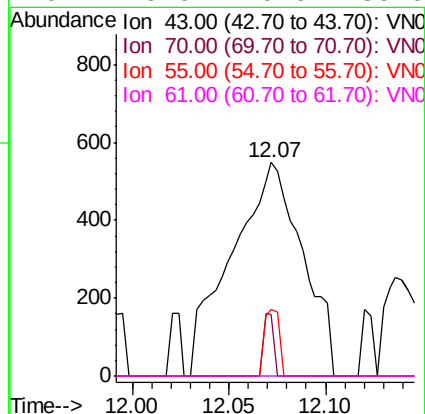
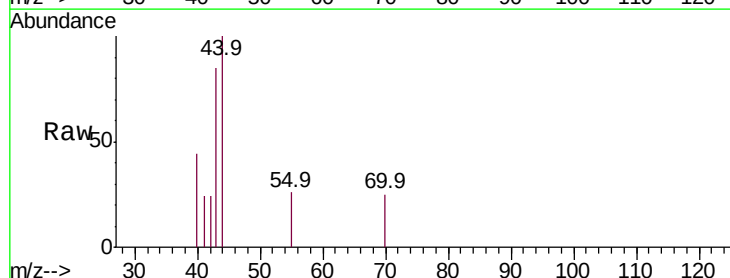
Ion Ratio Lower Upper

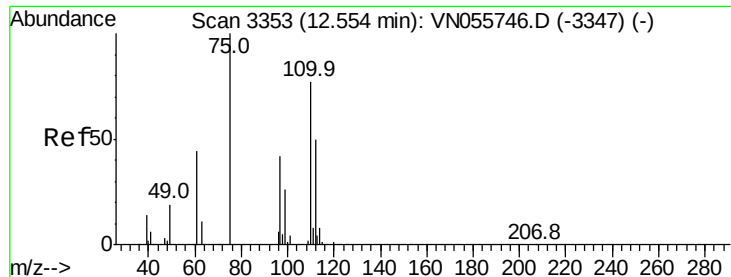
43 100

70 4.4 34.0 51.0#

55 6.8 18.6 28.0#

61 0.0 20.0 30.0#





#76

1,2,3-Trichloropropane

Concen: 32.929 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055892.D

Acq: 30 May 2019 11:43

Instrument :

MSVOA_N

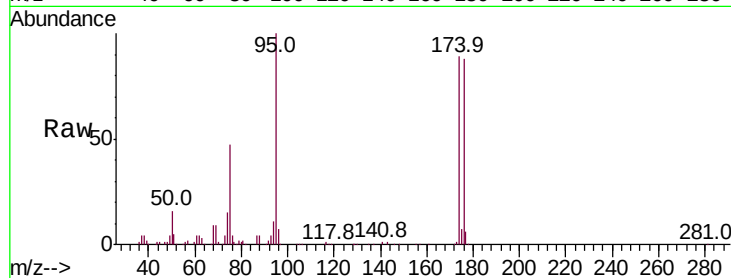
ClientSampleId :

Tot Ion: 75 Resp: 94828

Ion Ratio Lower Upper

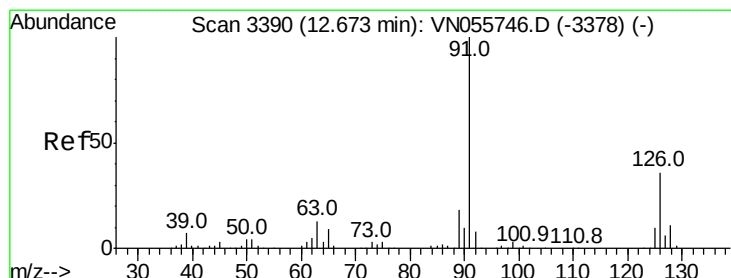
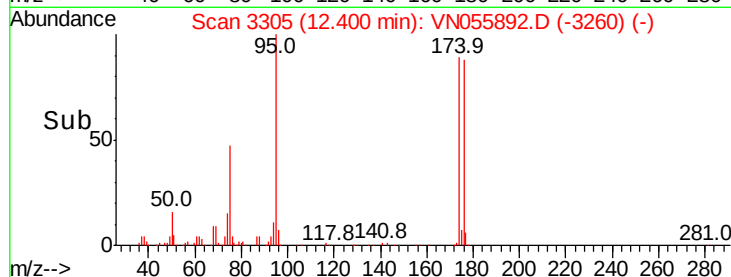
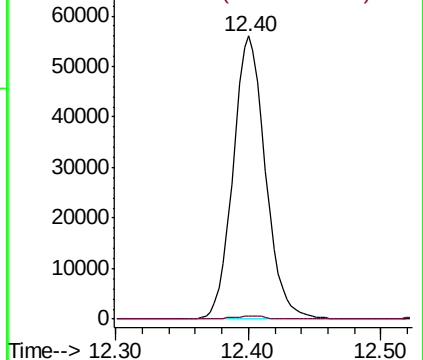
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.77 min Scan# 3420

Delta R.T. 0.10 min

Lab File: VN055892.D

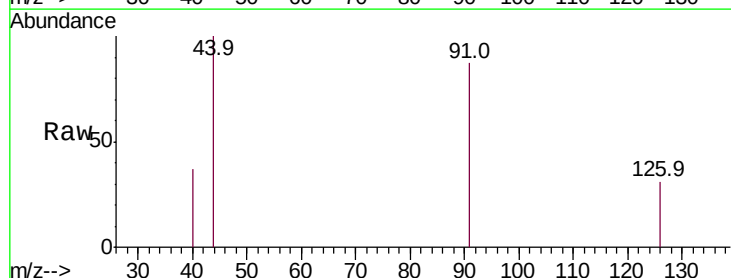
Acq: 30 May 2019 11:43

Tgt Ion: 91 Resp: 1114

Ion Ratio Lower Upper

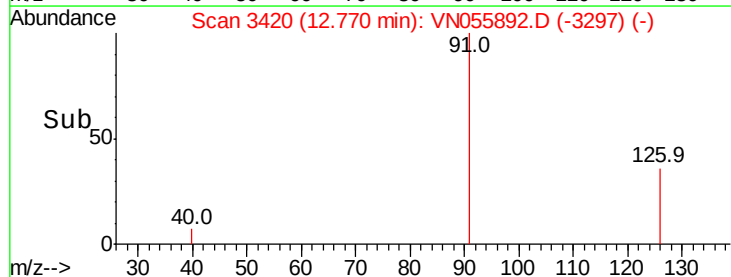
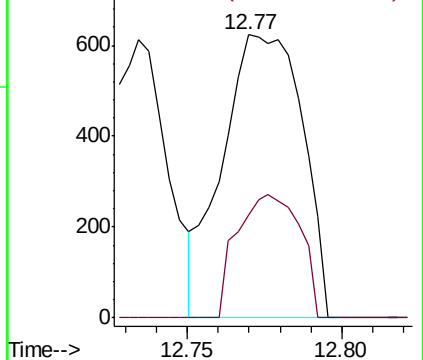
91 100

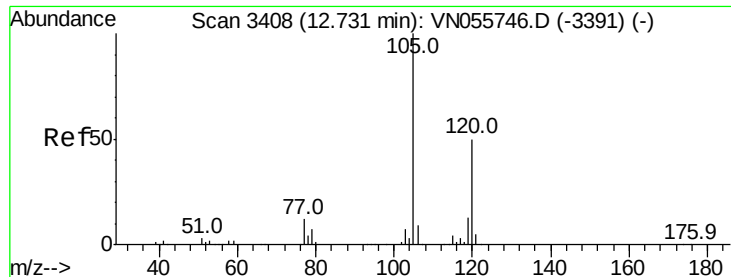
126 34.4 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055892.D

Acq: 30 May 2019 11:43

Instrument :

MSVOA_N

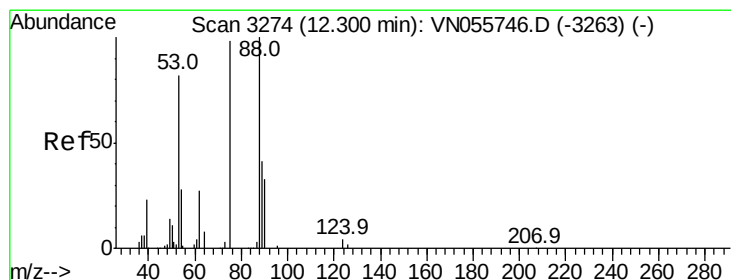
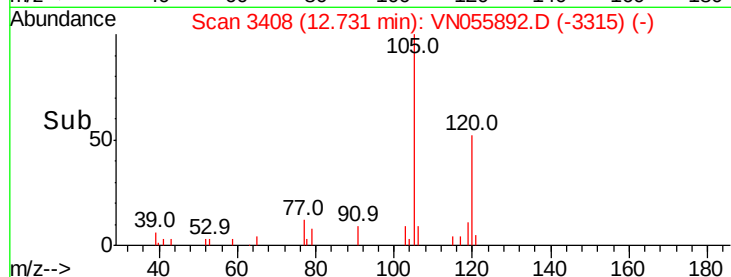
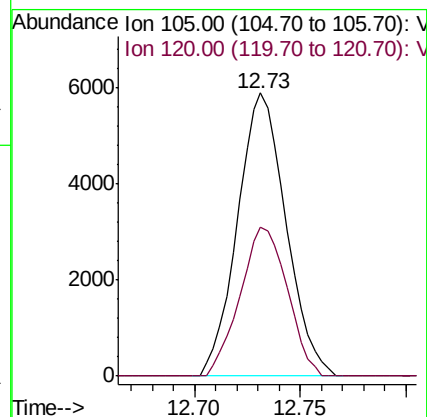
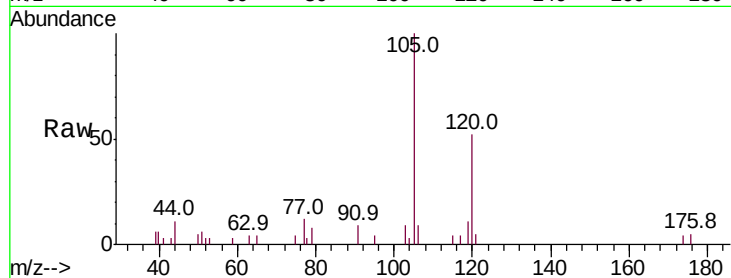
ClientSampleId :

Tot Ion:105 Resp: 9382

Ion Ratio Lower Upper

105 100

120 51.4 24.7 74.1



#81

trans-1,4-Dichloro-2-butene

Concen: 78.781 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055892.D

Acq: 30 May 2019 11:43

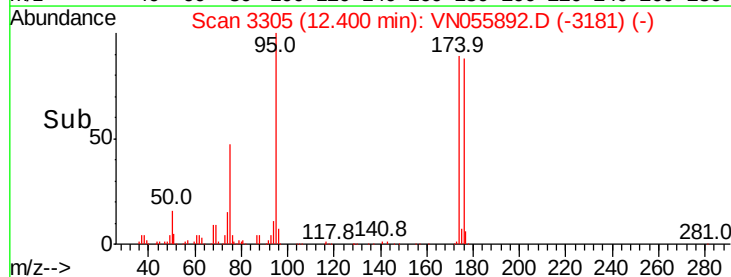
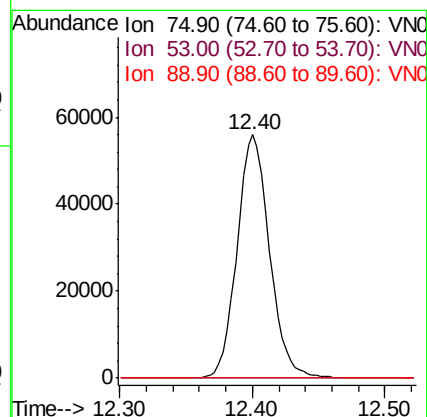
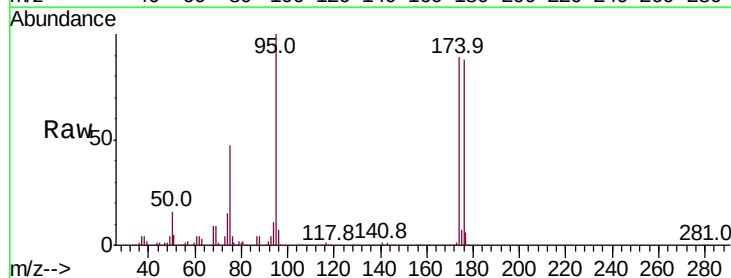
Tgt Ion: 75 Resp: 94828

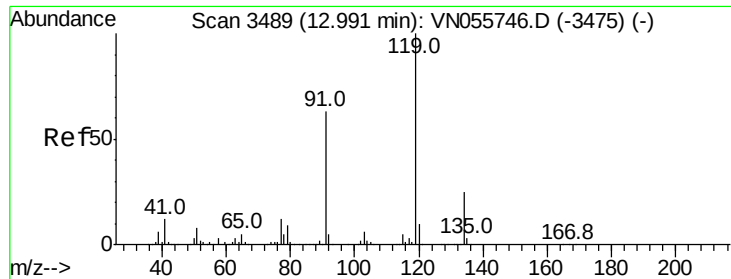
Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

89 0.0 36.9 55.3#





#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN055892.D

Acq: 30 May 2019 11:43

Instrument :

MSVOA_N

ClientSampleId :

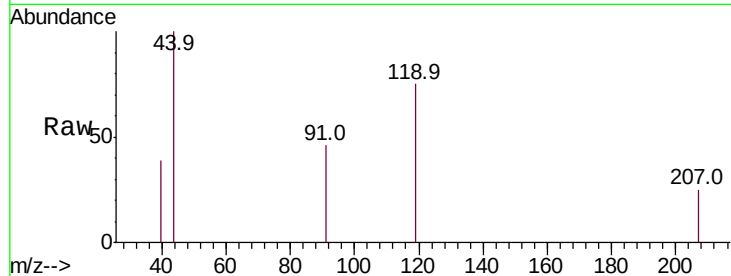
Tot Ion:119 Resp: 683

Ion Ratio Lower Upper

119 100

91 53.1 30.9 92.8

134 0.0 13.3 39.8#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V

12.99

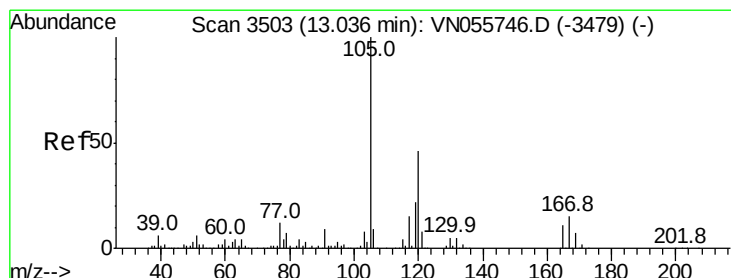
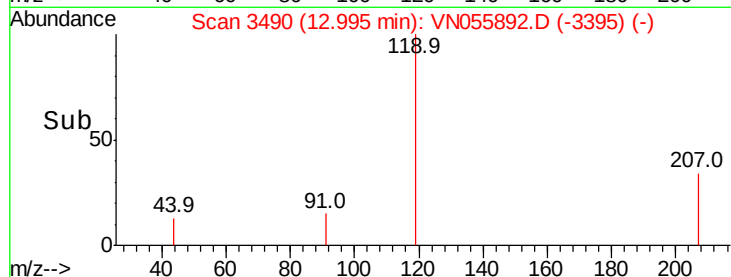
400

200

0

12.96 12.98 13.00 13.02

Time-->



#84

1,2,4-Trimethylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3505

Delta R.T. 0.01 min

Lab File: VN055892.D

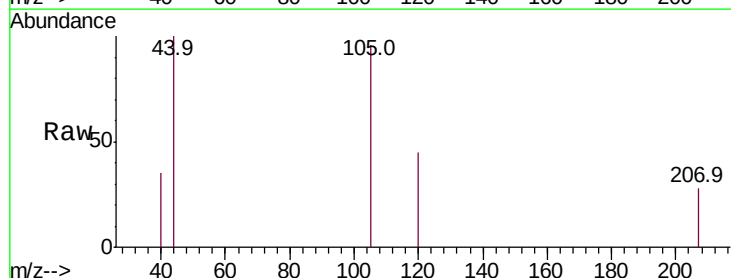
Acq: 30 May 2019 11:43

Tgt Ion:105 Resp: 1197

Ion Ratio Lower Upper

105 100

120 39.8 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

800

600

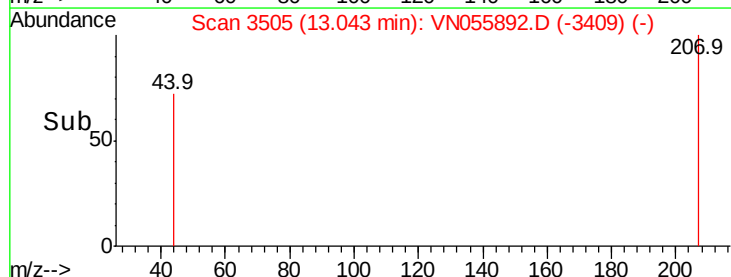
400

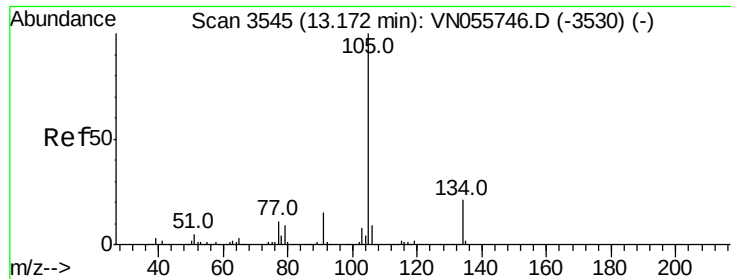
200

0

13.00 13.05

Time-->





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN055892.D

Acq: 30 May 2019 11:43

Instrument :

MSVOA_N

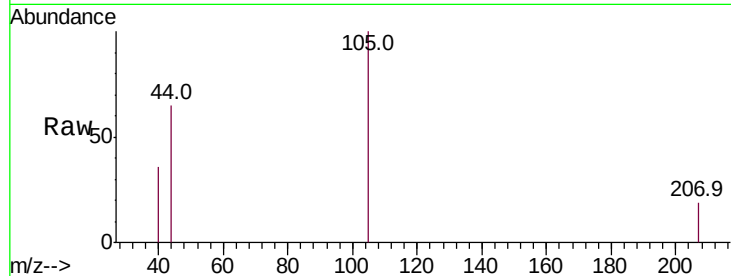
ClientSampled :

Tot Ion:105 Resp: 1375

Ion Ratio Lower Upper

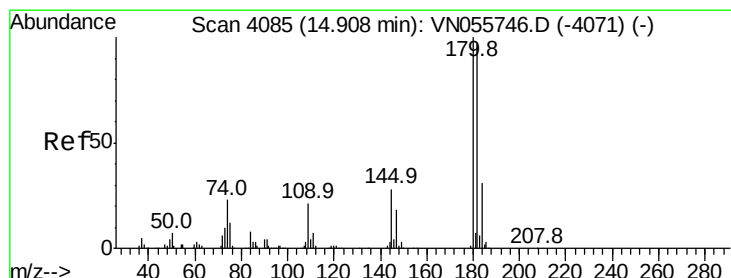
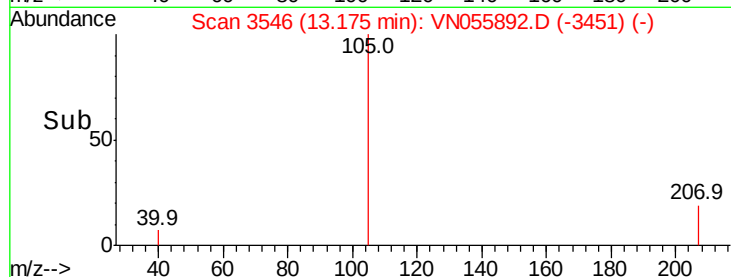
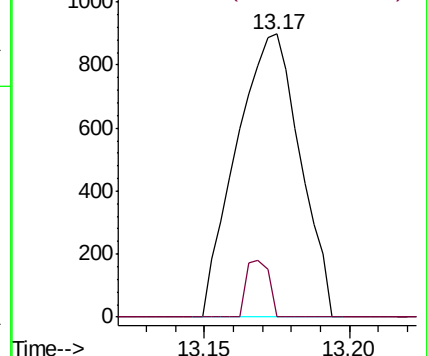
105 100

134 7.1 10.4 31.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#93

1,2,4-Trichlorobenzene

Concen: 4.034 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN055892.D

Acq: 30 May 2019 11:43

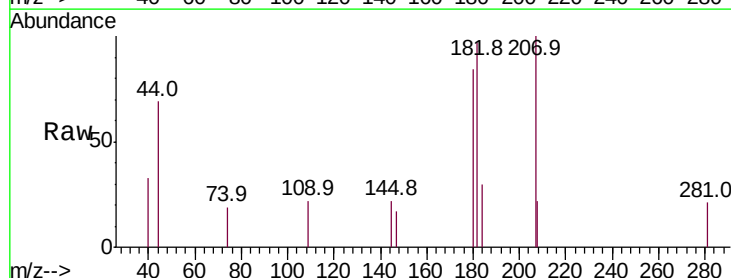
Tgt Ion:180 Resp: 1347

Ion Ratio Lower Upper

180 100

182 109.9 48.3 144.9

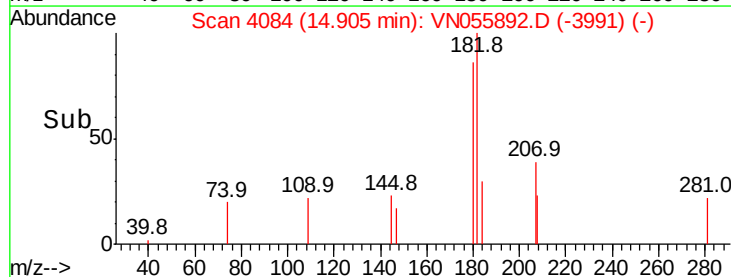
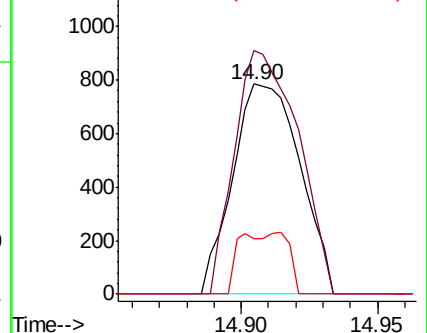
145 9.2 14.0 41.9#

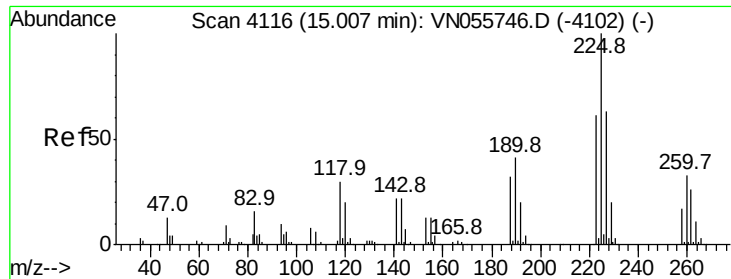


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4115

Delta R.T. -0.00 min

Lab File: VN055892.D

Acq: 30 May 2019 11:43

Instrument :

MSVOA_N

ClientSampleId :

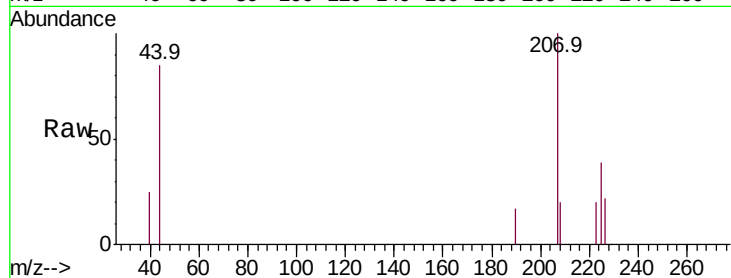
Tot Ion:225 Resp: 412

Ion Ratio Lower Upper

225 100

223 37.4 30.9 92.7

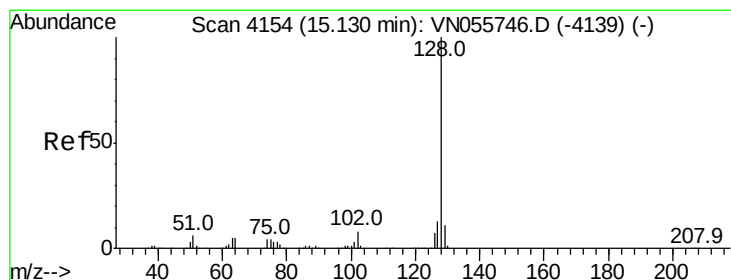
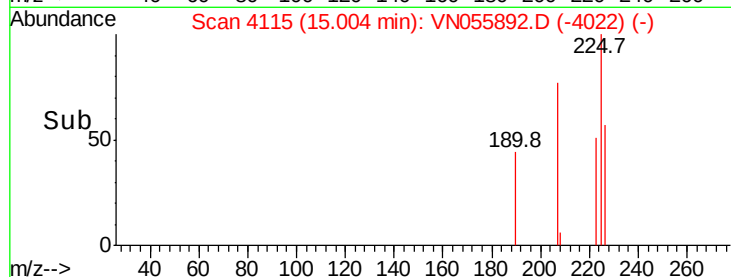
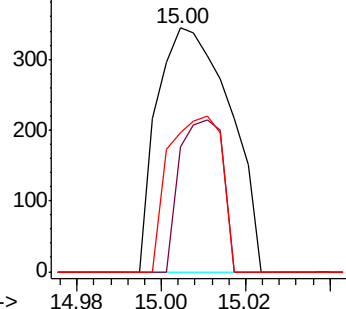
227 46.6 31.6 94.7



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: 0.634 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055892.D

Acq: 30 May 2019 11:43

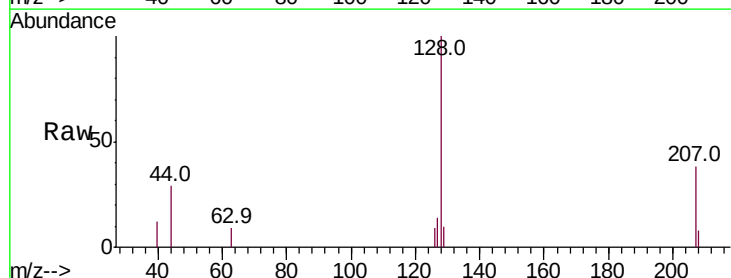
Tgt Ion:128 Resp: 4749

Ion Ratio Lower Upper

128 100

127 8.8 10.3 15.5#

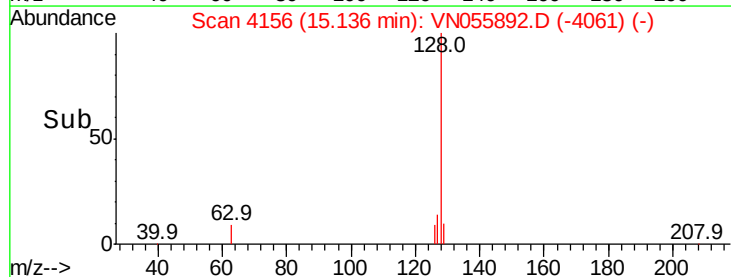
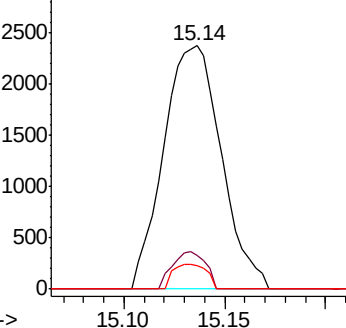
129 6.0 8.7 13.1#

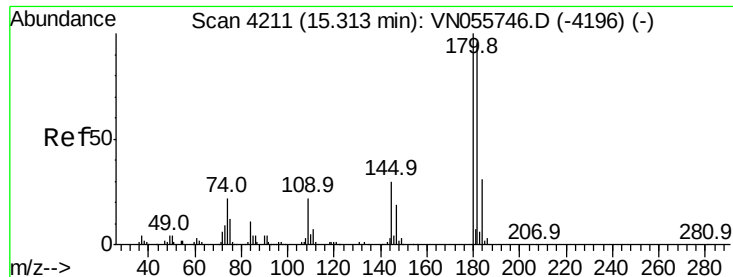


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 0.647 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN055892.D

Acq: 30 May 2019 11:43

Instrument :

MSVOA_N

ClientSampleId :

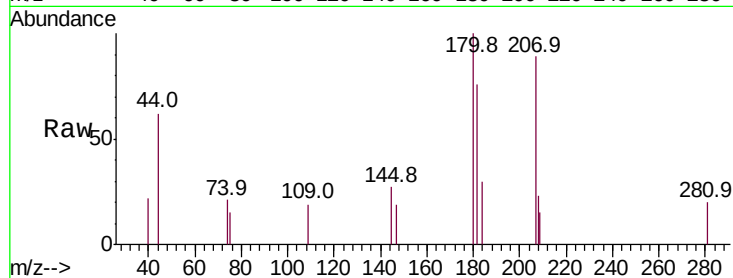
Tot Ion:180 Resp: 1866

Ion Ratio Lower Upper

180 100

182 90.3 47.9 143.7

145 27.6 14.9 44.7



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

