

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062519\
 Data File : VN056488.D
 Acq On : 25 Jun 2019 15:50
 Operator : JC/SP
 Sample : K3512-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SAMPLE-8

Quant Time: Jun 26 03:42:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	363997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	631325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	632353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	203769	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	210527	52.19	ug/l	0.00
Spiked Amount			Recovery	=	104.38%	
35) Dibromofluoromethane	7.59	113	183174	46.51	ug/l	0.00
Spiked Amount			Recovery	=	93.02%	
50) Toluene-d8	10.09	98	783481	51.13	ug/l	0.00
Spiked Amount			Recovery	=	102.26%	
62) 4-Bromofluorobenzene	12.40	95	262293	51.34	ug/l	0.00
Spiked Amount			Recovery	=	102.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.55	41	2372	0.443	ug/l #	28
16) Acetone	3.83	43	15235	7.538	ug/l	100
18) Methyl Acetate	4.34	43	11215	2.000	ug/l	98
20) Methylene Chloride	4.55	84	95580	24.633	ug/l	98
25) 2-Butanone	6.85	43	913	0.341	ug/l	94
29) Tetrahydrofuran	7.23	42	1383	0.846	ug/l #	65
30) Chloroform	7.37	83	6943	1.090	ug/l	88
31) Cyclohexane	7.67	56	5420	0.870	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	22695	4.084	ug/l #	44
38) Carbon Tetrachloride	7.67	117	30566	6.290	ug/l #	15
41) Methacrylonitrile	7.22	41	690	0.286	ug/l #	18
43) Isopropyl Acetate	8.28	43	163180	19.379	ug/l #	54
45) 1,2-Dichloropropane	9.27	63	2053	0.449	ug/l #	43
47) Bromodichloromethane	9.40	83	1226	0.242	ug/l #	86
48) Methyl methacrylate	9.18	41	9638	2.284	ug/l #	12
49) 1,4-Dioxane	9.27	88	178	2.033	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	8661	1.594	ug/l #	35
54) cis-1,3-Dichloropropene	9.91	75	61405	10.053	ug/l #	61
55) 1,1,2-Trichloroethane	10.53	97	2641	0.629	ug/l #	15
56) Ethyl methacrylate	10.43	69	1353	0.220	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	13236	1.876	ug/l #	42
59) 2-Hexanone	10.76	43	179358	44.901	ug/l #	51
71) Bromoform	12.40	173	1843	3.641	ug/l #	1
73) Isopropylbenzene	12.25	105	3455	Below Cal		99
74) N-amyl acetate	11.88	43	16531	2.549	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.47	83	365	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	123264	29.174	ug/l #	100
78) n-propylbenzene	12.59	91	4753	0.255	ug/l	91
79) 2-Chlorotoluene	12.66	91	189	Below Cal	#	40
80) 1,3,5-Trimethylbenzene	12.73	105	3002	Below Cal		92
81) trans-1,4-Dichloro-2-buten	12.40	75	123264	103.687	ug/l #	8
83) tert-Butylbenzene	12.99	119	3930	Below Cal		76
85) sec-Butylbenzene	13.17	105	39156	2.387	ug/l	87
86) p-Isopropyltoluene	13.44	119	17988	1.278	ug/l	92

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Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

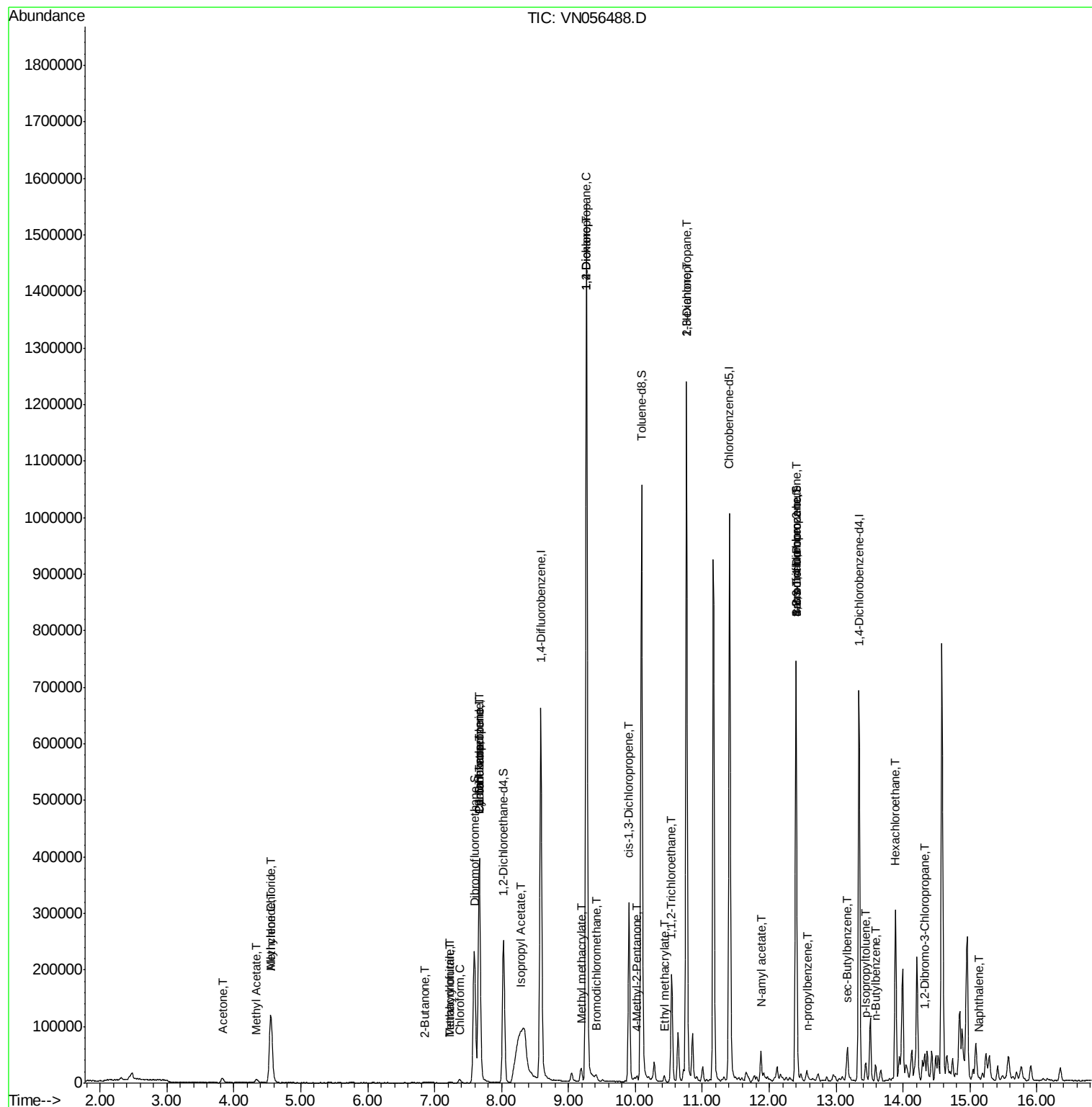
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.59	91	3811	0.358	ug/l #	1
90) Hexachloroethane	13.89	117	16603	7.566	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.32	75	276	0.366	ug/l #	1
95) Naphthalene	15.14	128	978	5.339	ug/l #	44

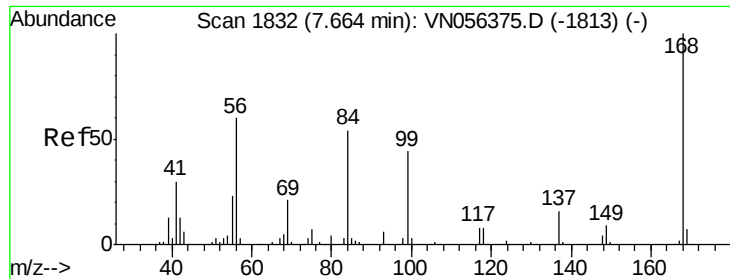
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062519\
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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: VN056488.D

Acq: 25 Jun 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

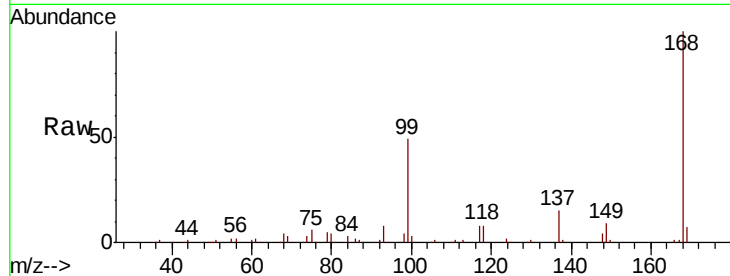
SAMPLE-8

Tot Ion:168 Resp: 363997

Ion Ratio Lower Upper

168 100

99 48.6 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

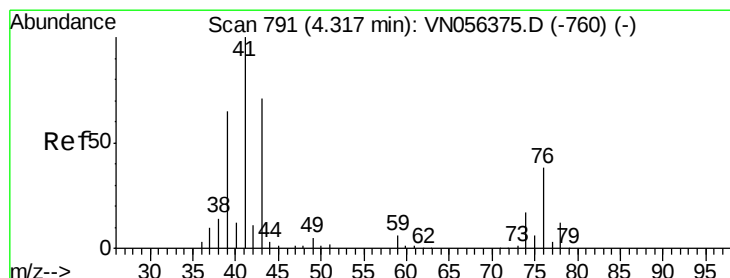
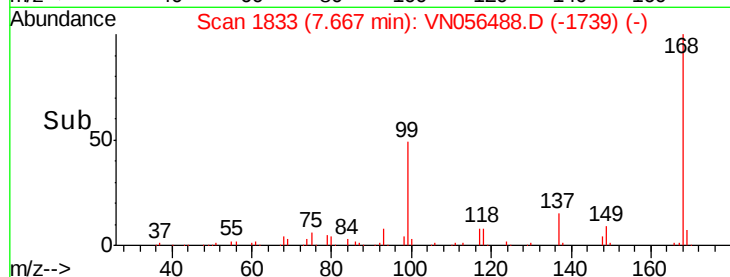
100000

50000

0

Time-->

7.60 7.70 7.80



#14

Allyl chloride

Concen: 0.443 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.23 min

Lab File: VN056488.D

Acq: 25 Jun 2019 15:50

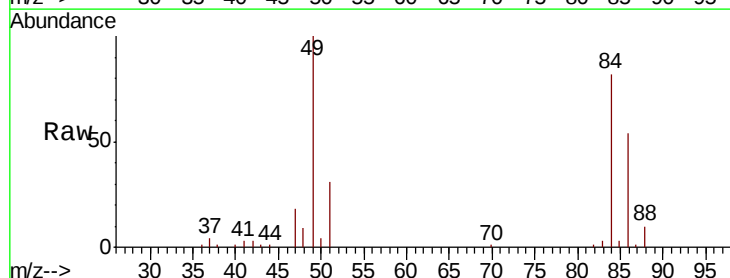
Tgt Ion: 41 Resp: 2372

Ion Ratio Lower Upper

41 100

39 0.0 48.6 73.0#

76 0.0 26.6 40.0#



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN

1500

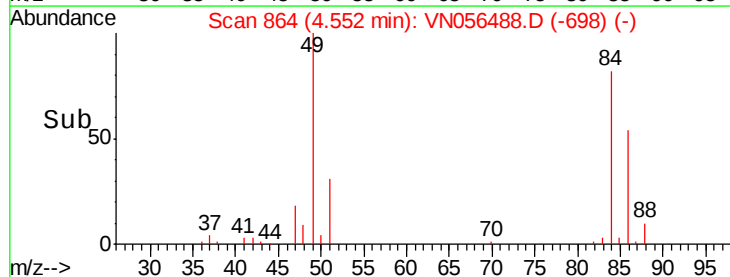
1000

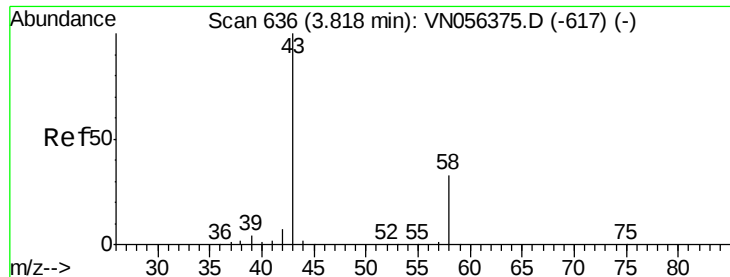
500

0

Time-->

4.50 4.55





#16

Acetone

Concen: 7.538 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN056488.D

Acq: 25 Jun 2019 15:50

Instrument :

MSVOA_N

ClientSampled :

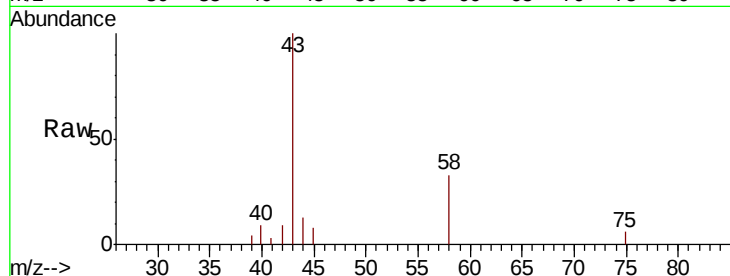
SAMPLE-8

Tot Ion: 43 Resp: 15235

Ion Ratio Lower Upper

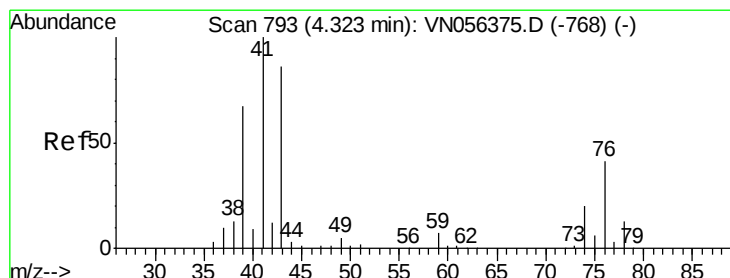
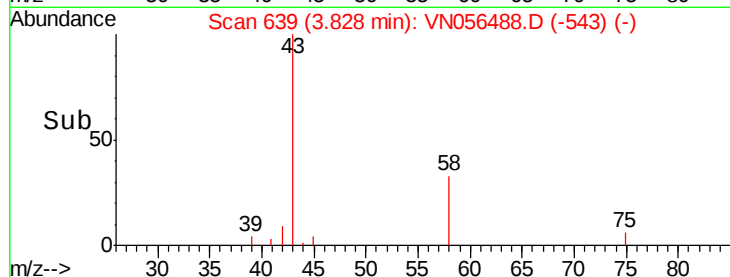
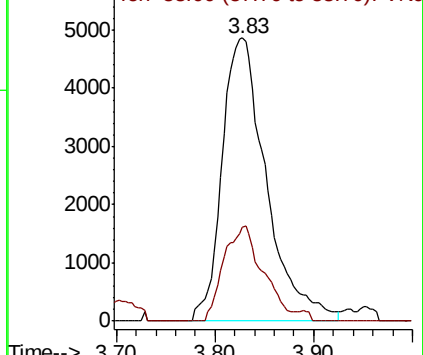
43 100

58 33.0 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 2.000 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.02 min

Lab File: VN056488.D

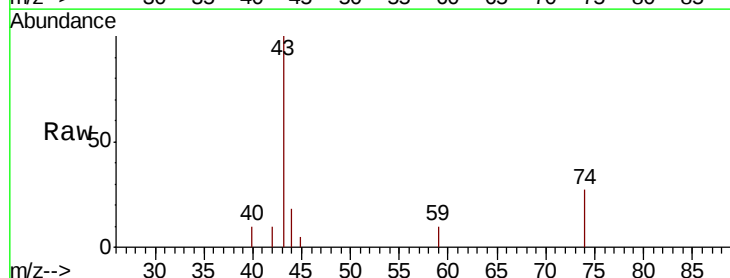
Acq: 25 Jun 2019 15:50

Tgt Ion: 43 Resp: 11215

Ion Ratio Lower Upper

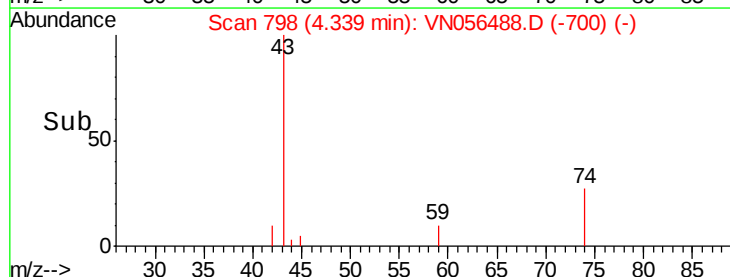
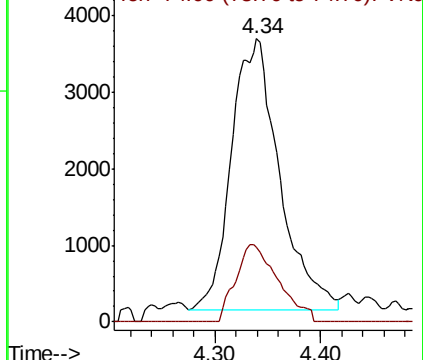
43 100

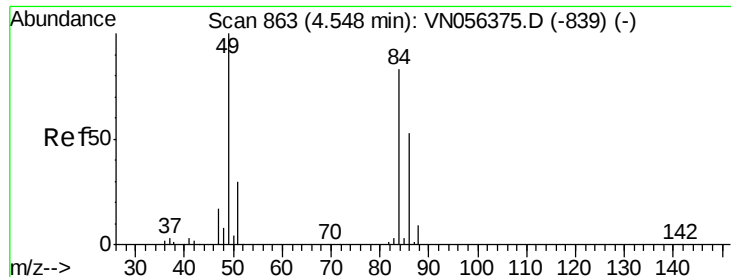
74 25.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

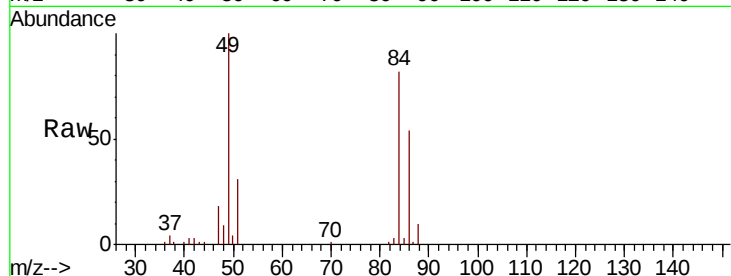




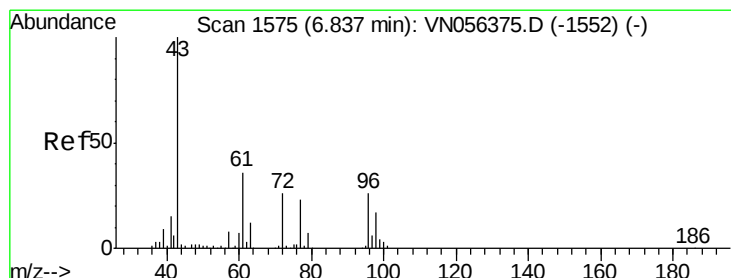
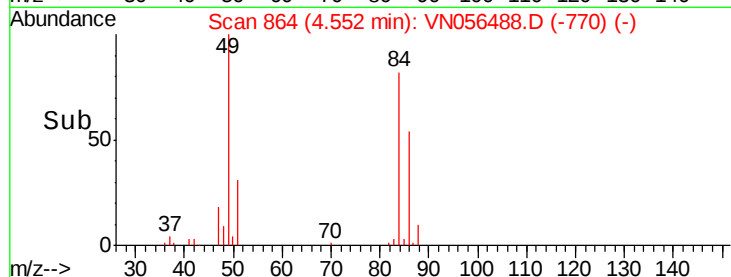
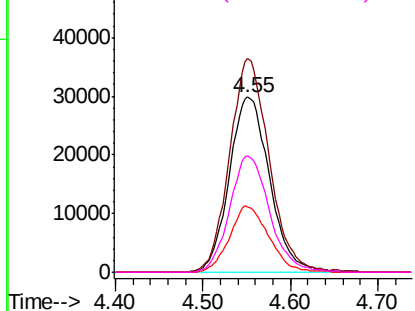
#20
Methylene Chloride
Concen: 24.633 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056488.D
Acq: 25 Jun 2019 15:50

Instrument :
MSVOA_N
ClientSampled :
SAMPLE-8

Tot Ion: 84 Resp: 95580
Ion Ratio Lower Upper
84 100
49 122.2 96.4 144.6
51 37.7 28.6 43.0
86 66.3 51.4 77.2

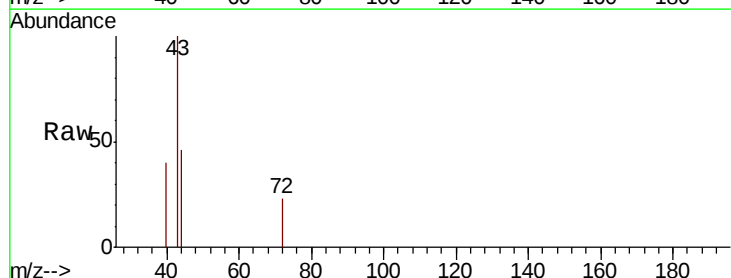


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

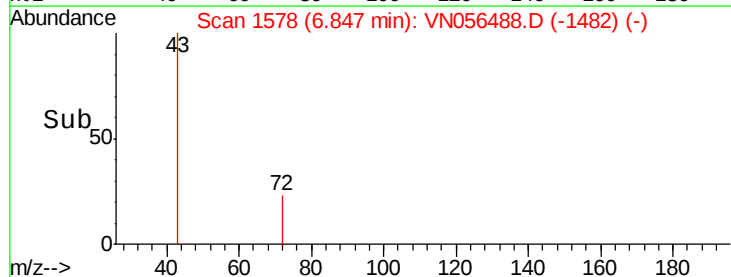
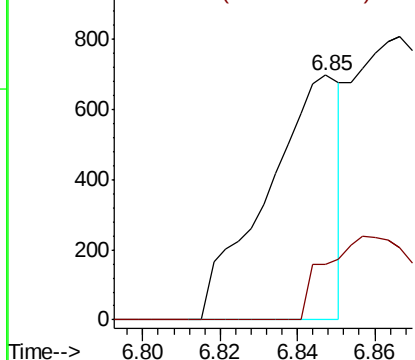


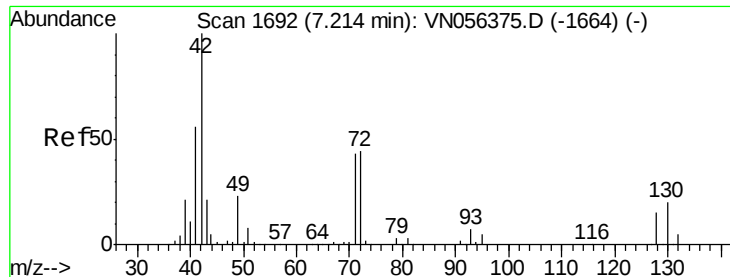
#25
2-Butanone
Concen: 0.341 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN056488.D
Acq: 25 Jun 2019 15:50

Tgt Ion: 43 Resp: 913
Ion Ratio Lower Upper
43 100
72 22.9 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 72.00 (71.70 to 72.70): VNO





#29

Tetrahydrofuran

Concen: 0.846 ug/l

RT: 7.23 min Scan# 1697

Delta R.T. 0.02 min

Lab File: VN056488.D

Acq: 25 Jun 2019 15:50

Instrument :

MSVOA_N

ClientSampled :

SAMPLE-8

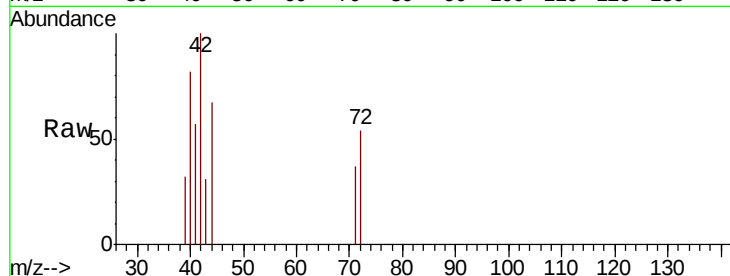
Tot Ion: 42 Resp: 1383

Ion Ratio Lower Upper

42 100

72 29.0 34.7 52.1#

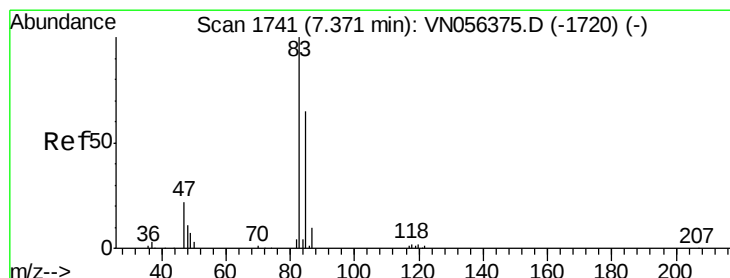
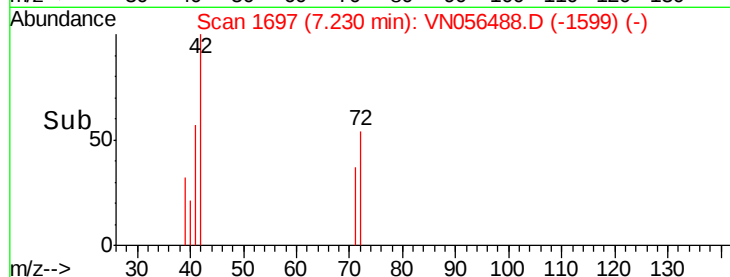
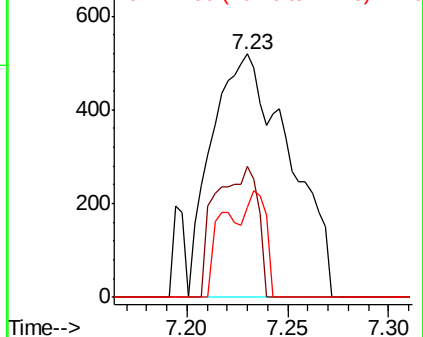
71 11.3 33.0 49.6#



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



#30

Chloroform

Concen: 1.090 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN056488.D

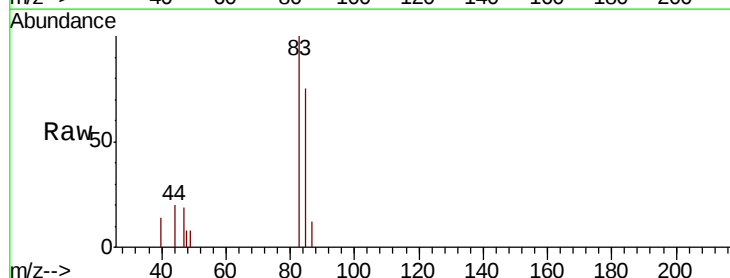
Acq: 25 Jun 2019 15:50

Tgt Ion: 83 Resp: 6943

Ion Ratio Lower Upper

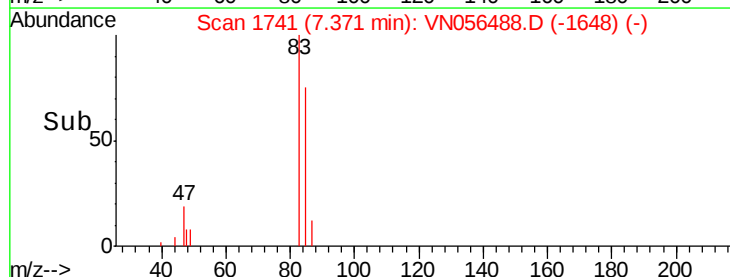
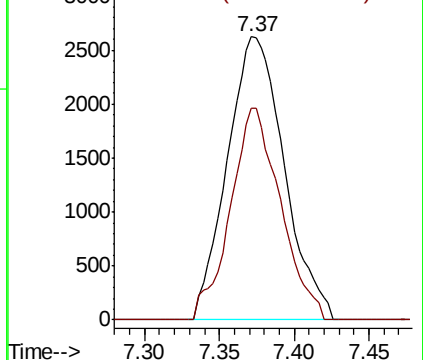
83 100

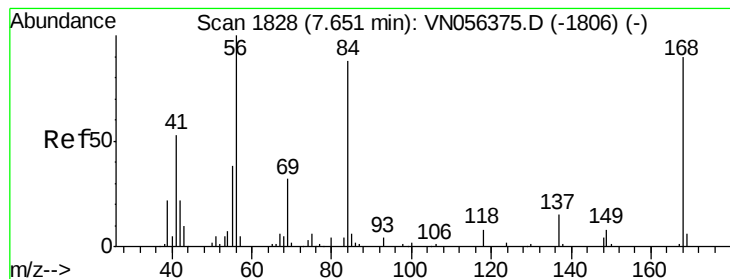
85 74.7 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 0.870 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN056488.D

Acq: 25 Jun 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

SAMPLE-8

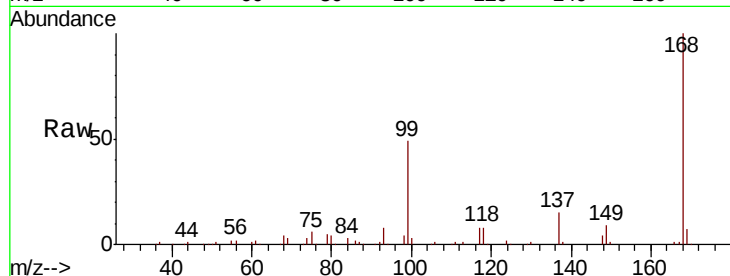
Tot Ion: 56 Resp: 5420

Ion Ratio Lower Upper

56 100

69 177.6 25.8 38.6#

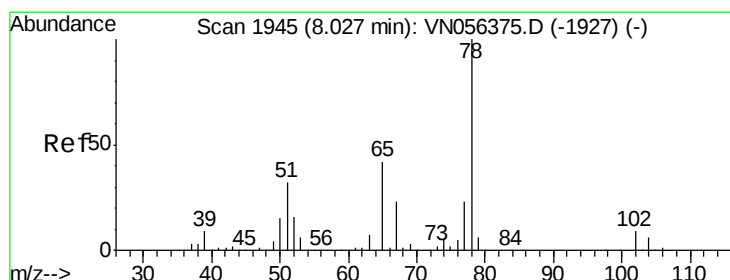
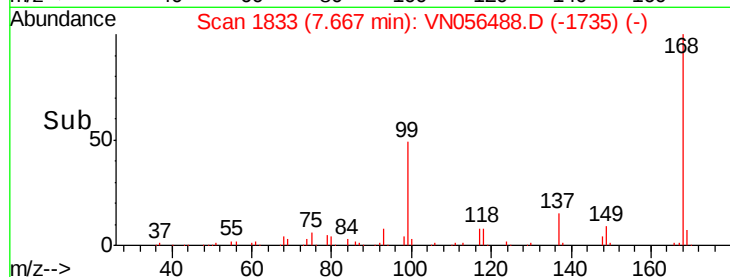
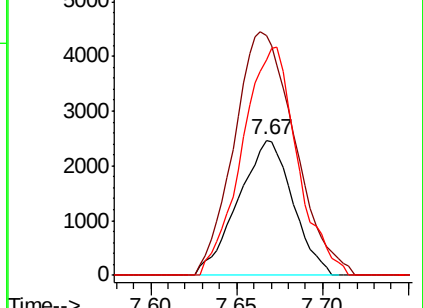
84 159.6 69.4 104.0#



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: 52.185 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056488.D

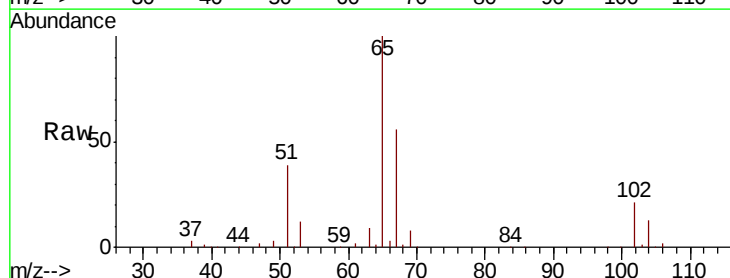
Acq: 25 Jun 2019 15:50

Tgt Ion: 65 Resp: 210527

Ion Ratio Lower Upper

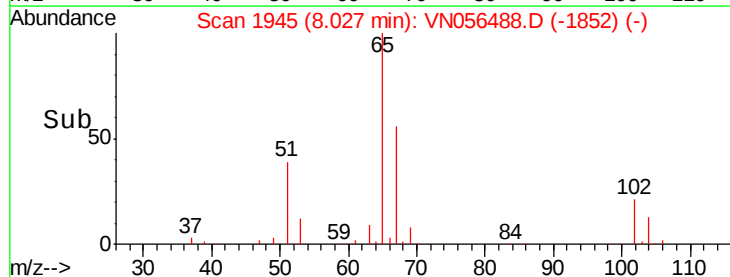
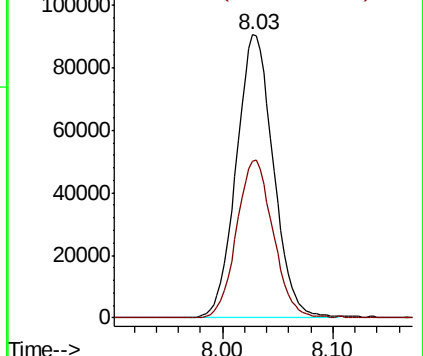
65 100

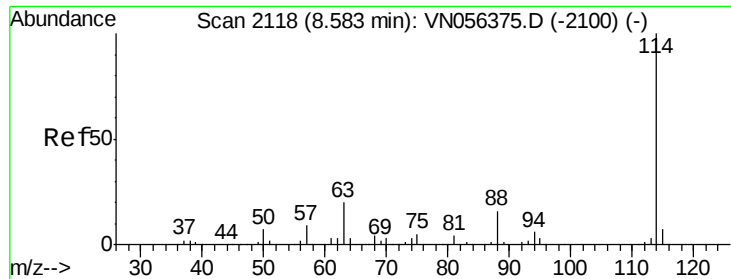
67 55.0 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

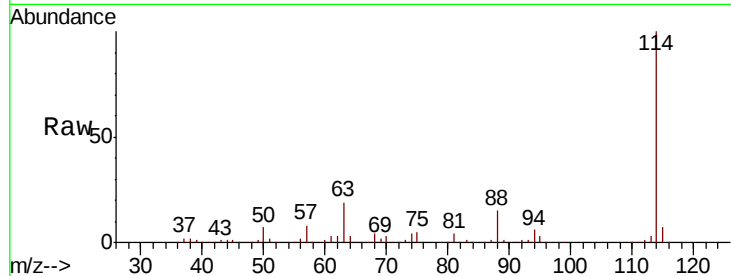




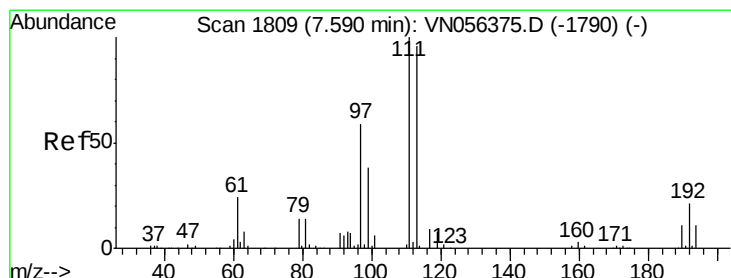
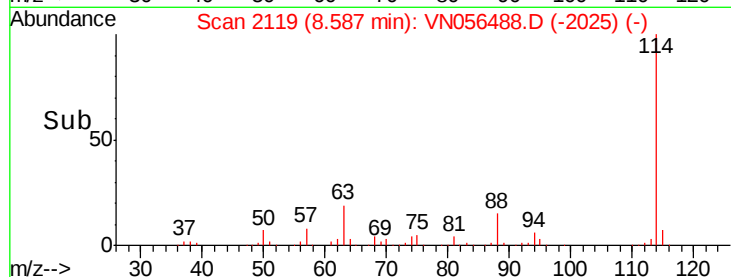
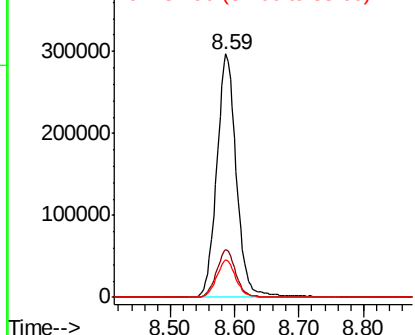
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056488.D
Acq: 25 Jun 2019 15:50

Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-8

Tot Ion:114 Resp: 631325
Ion Ratio Lower Upper
114 100
63 19.5 0.0 39.2
88 15.2 0.0 31.4

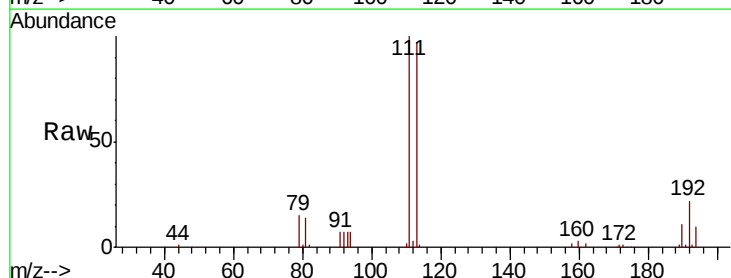


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

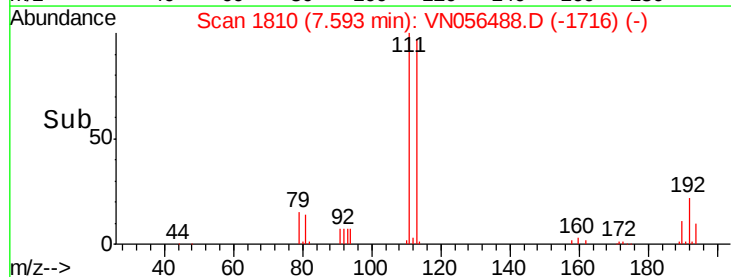
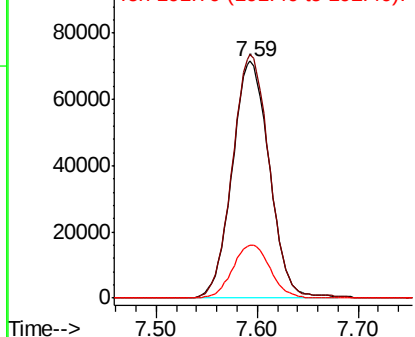


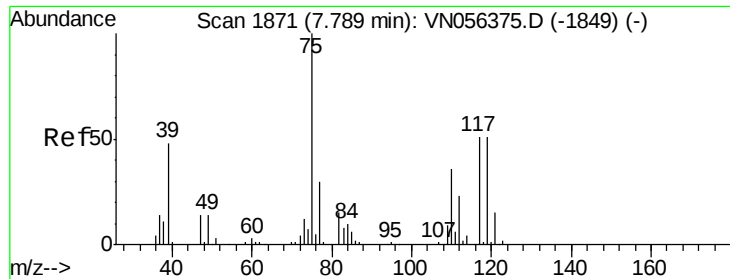
#35
Dibromofluoromethane
Concen: 46.509 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN056488.D
Acq: 25 Jun 2019 15:50

Tgt Ion:113 Resp: 183174
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 22.5 17.7 26.5



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: 4.084 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.12 min

Lab File: VN056488.D

Acq: 25 Jun 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

SAMPLE-8

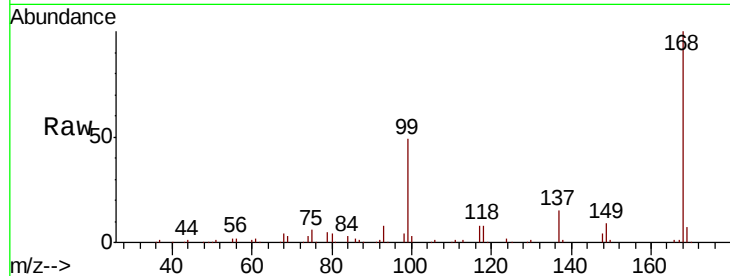
Tot Ion: 75 Resp: 22695

Ion Ratio Lower Upper

75 100

110 3.3 18.1 54.3#

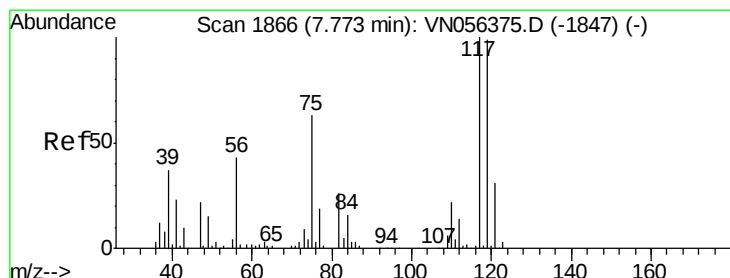
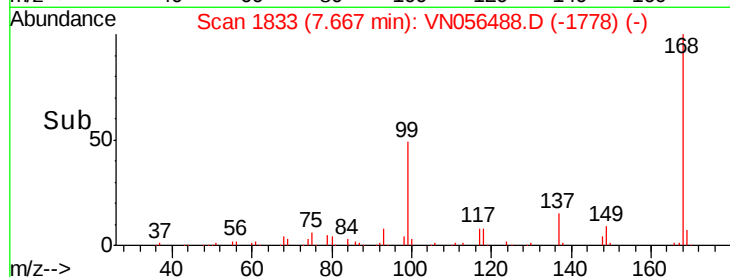
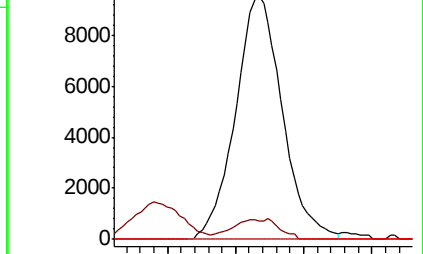
77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VN056375.D (-1849) (-)

Ion 109.90 (109.60 to 110.60): VN056375.D (-1849) (-)

Ion 76.90 (76.60 to 77.60): VN056375.D (-1849) (-)



#38

Carbon Tetrachloride

Concen: 6.290 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN056488.D

Acq: 25 Jun 2019 15:50

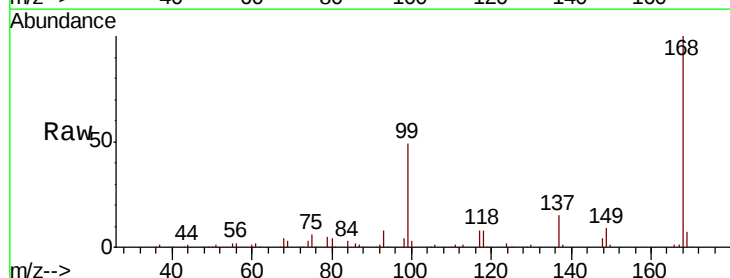
Tgt Ion: 117 Resp: 30566

Ion Ratio Lower Upper

117 100

119 5.9 79.1 118.7#

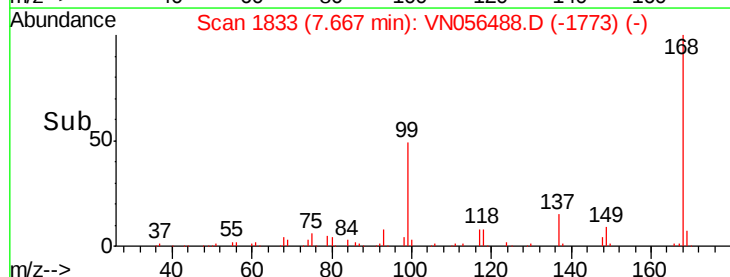
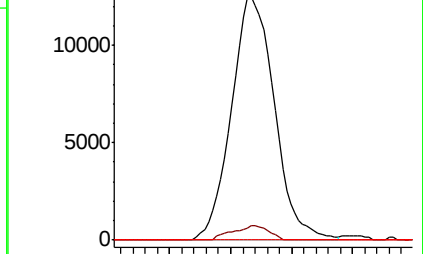
121 0.0 24.8 37.2#

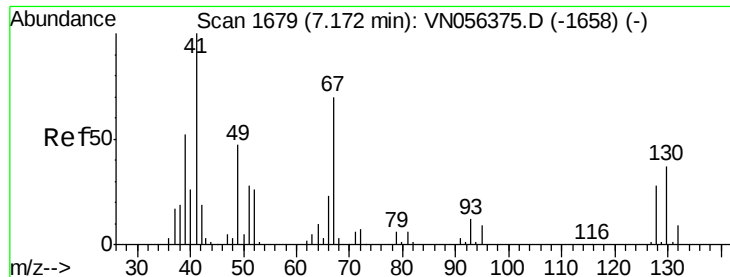


Abundance Ion 116.80 (116.50 to 117.50): VN056375.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN056375.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN056375.D (-1847) (-)

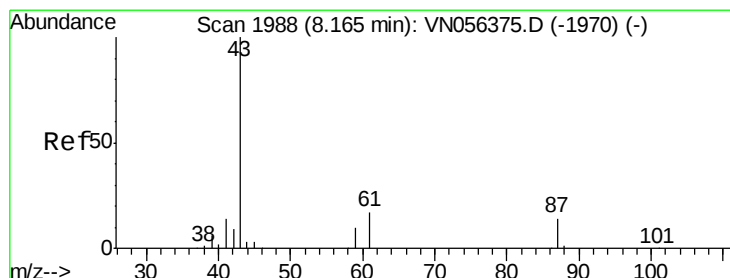
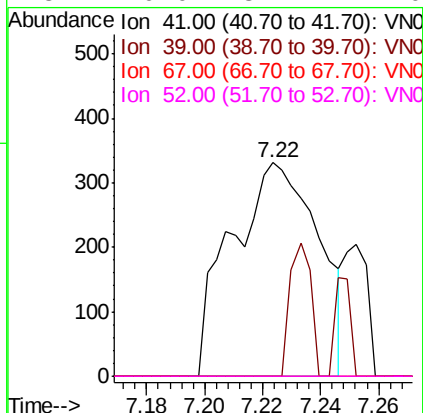
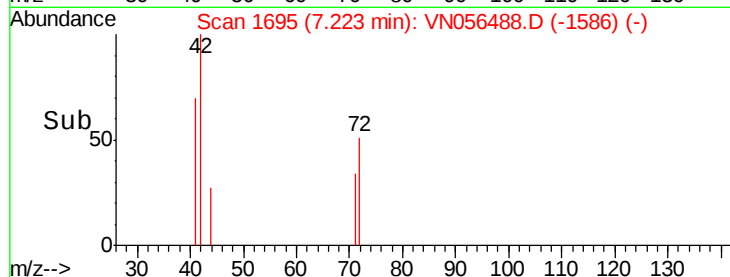
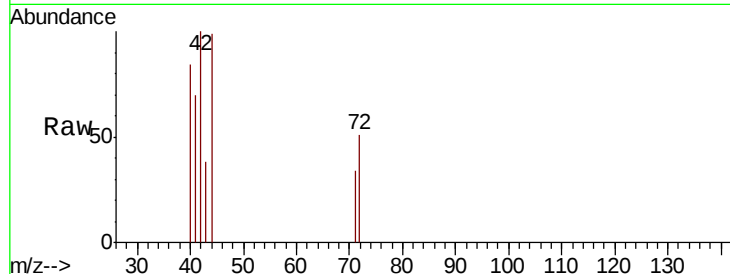




#41
Methacrylonitrile
Concen: 0.286 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.05 min
Lab File: VN056488.D
Acq: 25 Jun 2019 15:50

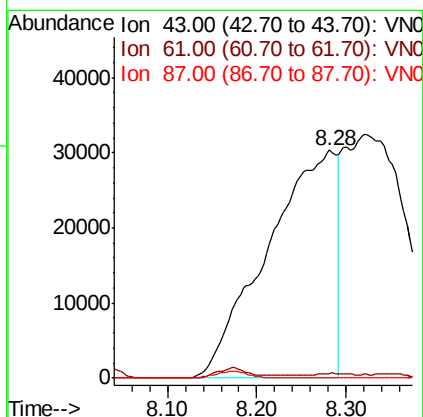
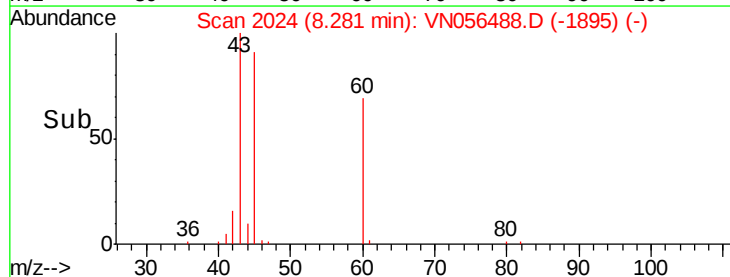
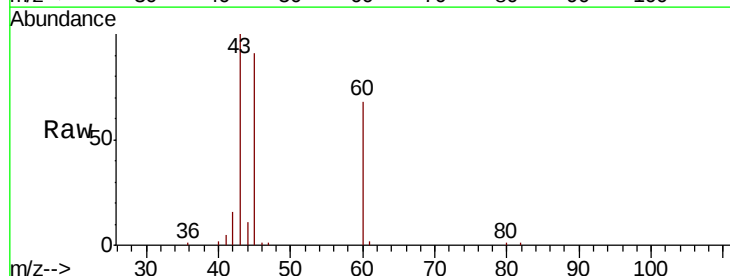
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-8

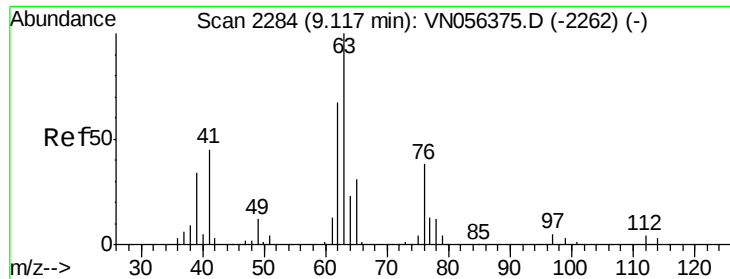
Tot Ion: 41 Resp: 690
Ion Ratio Lower Upper
41 100
39 14.9 55.3 82.9#
67 0.0 79.2 118.8#
52 0.0 31.4 47.0#



#43
Isopropyl Acetate
Concen: 19.379 ug/l
RT: 8.28 min Scan# 2024
Delta R.T. 0.12 min
Lab File: VN056488.D
Acq: 25 Jun 2019 15:50

Tgt Ion: 43 Resp: 163180
Ion Ratio Lower Upper
43 100
61 0.4 22.0 33.0#
87 0.0 11.0 16.4#





#45

1,2-Dichloropropane

Concen: 0.449 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN056488.D

Acq: 25 Jun 2019 15:50

Instrument :

MSVOA_N

ClientSampled :

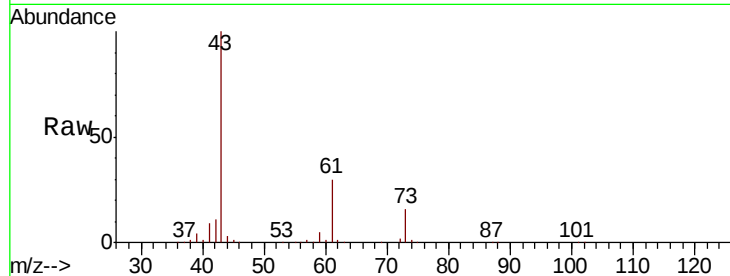
SAMPLE-8

Tot Ion: 63 Resp: 2053

Ion Ratio Lower Upper

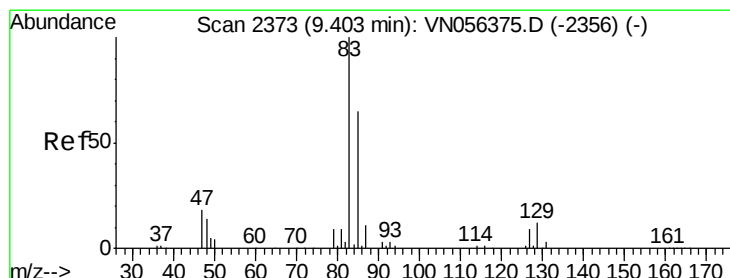
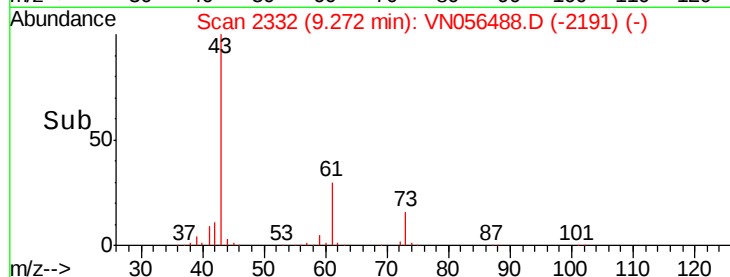
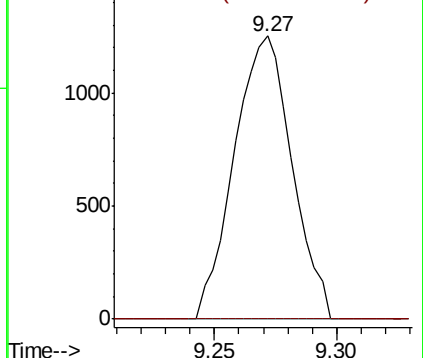
63 100

65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#47

Bromodichloromethane

Concen: 0.242 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056488.D

Acq: 25 Jun 2019 15:50

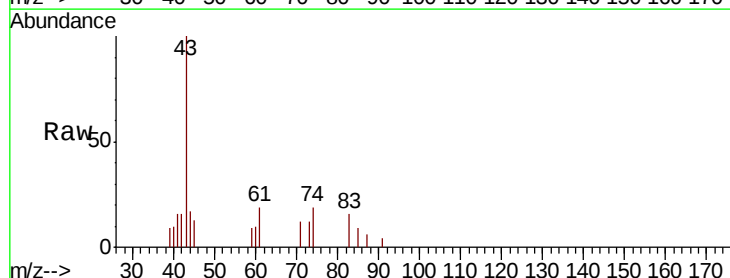
Tgt Ion: 83 Resp: 1226

Ion Ratio Lower Upper

83 100

85 55.9 52.2 78.4

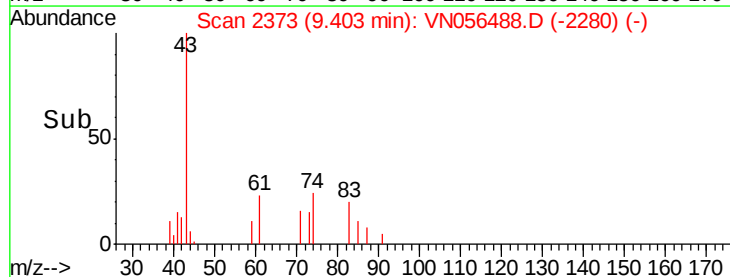
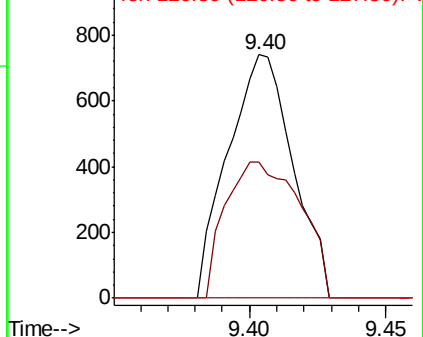
127 0.0 7.3 10.9#

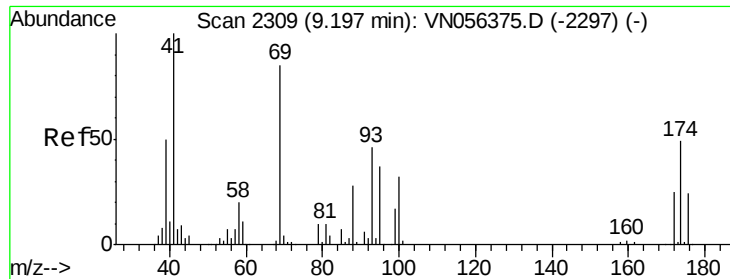


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

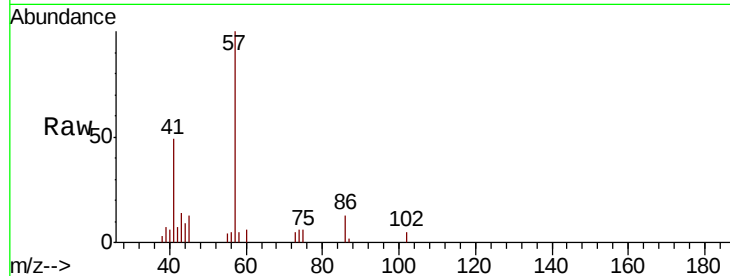




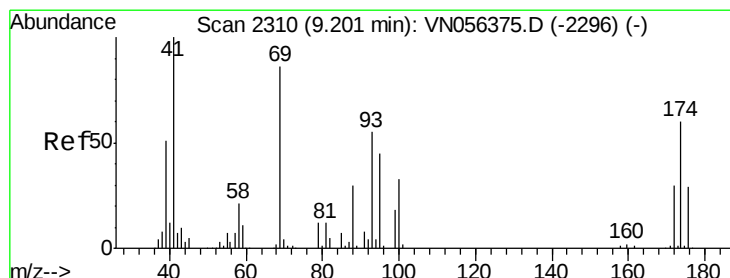
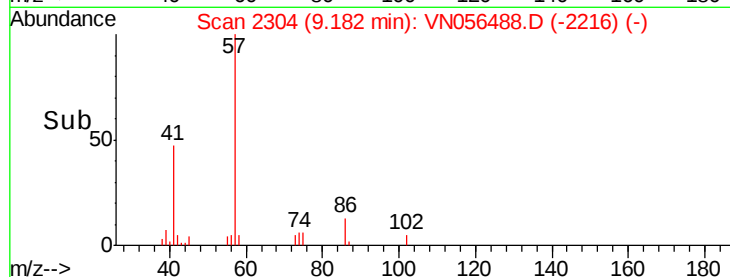
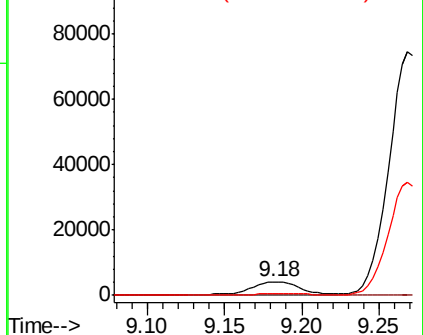
#48
Methyl methacrylate
Concen: 2.284 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN056488.D
Acq: 25 Jun 2019 15:50

Instrument :
MSVOA_N
ClientSampleID :
SAMPLE-8

Tot Ion: 41 Resp: 9638
Ion Ratio Lower Upper
41 100
69 0.0 72.6 109.0#
39 0.0 42.6 63.8#

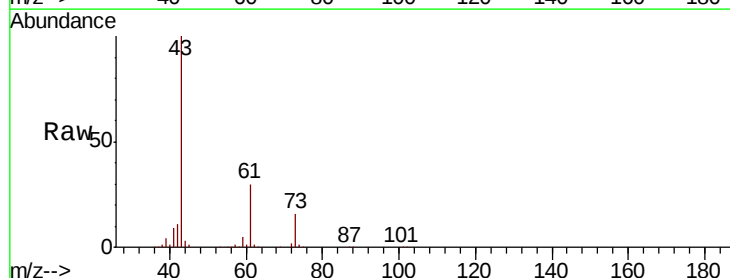


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

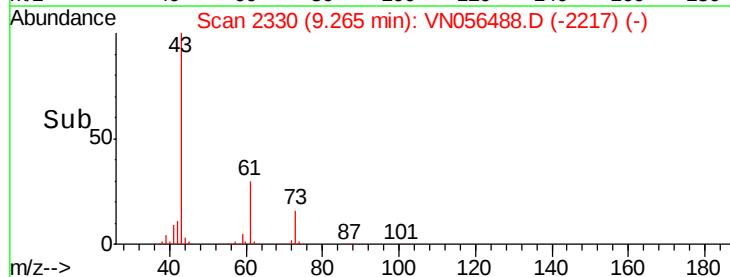
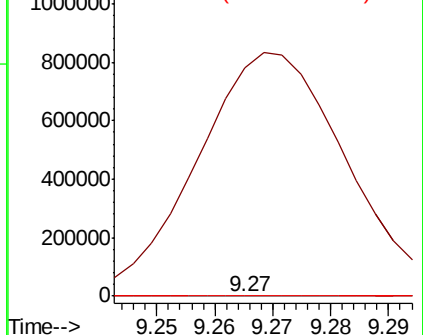


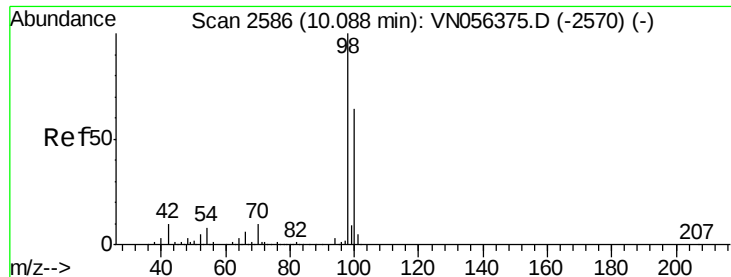
#49
1,4-Dioxane
Concen: 2.033 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.06 min
Lab File: VN056488.D
Acq: 25 Jun 2019 15:50

Tgt Ion: 88 Resp: 178
Ion Ratio Lower Upper
88 100
43 869064.0 22.0 33.0#
58 3686.0 51.8 77.8#



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





#50

Toluene-d8

Concen: 51.125 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056488.D

Acq: 25 Jun 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

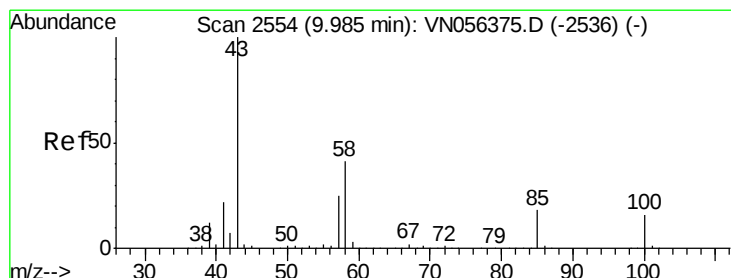
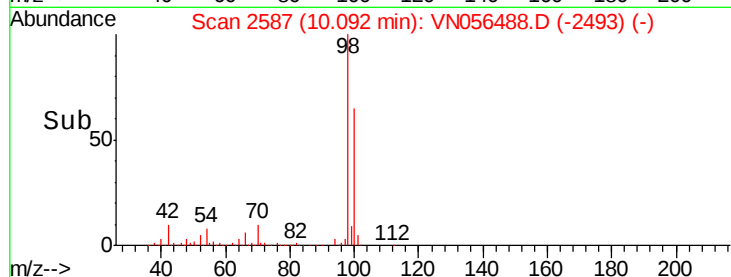
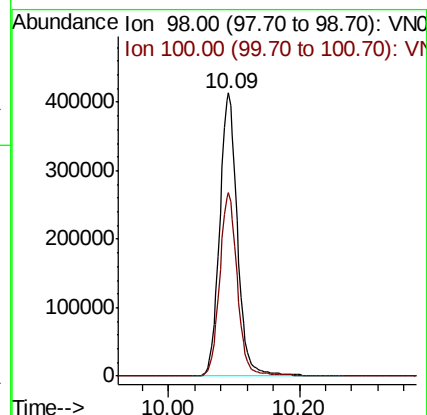
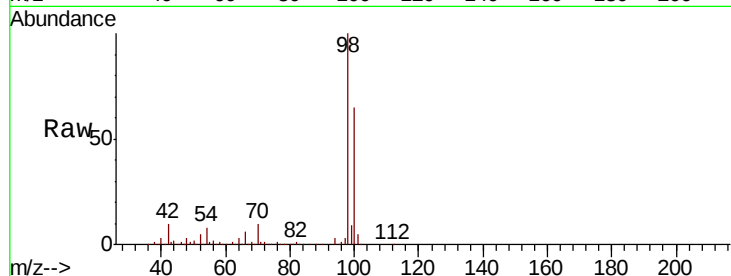
SAMPLE-8

Tot Ion: 98 Resp: 783481

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 1.594 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN056488.D

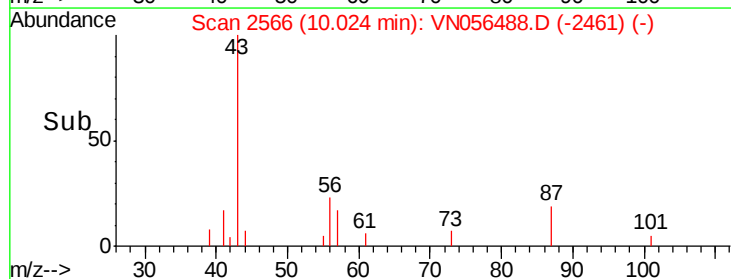
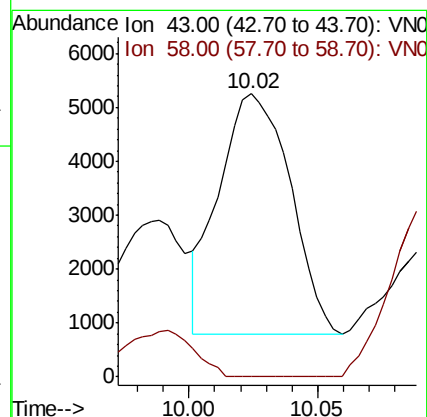
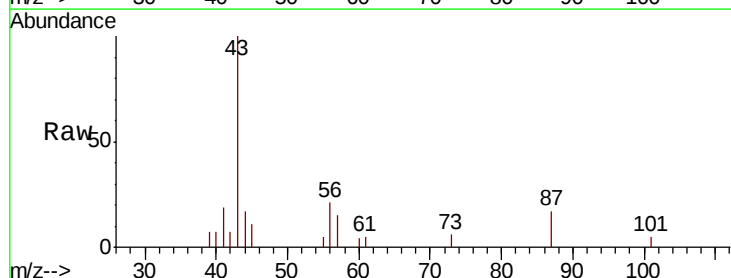
Acq: 25 Jun 2019 15:50

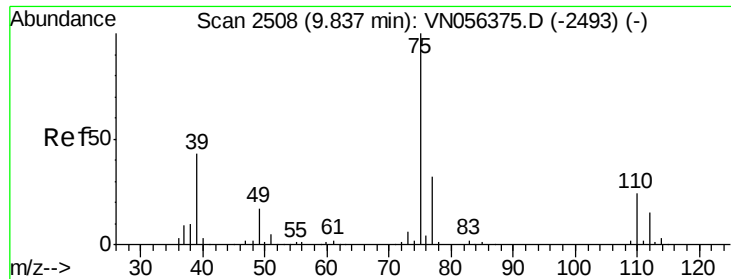
Tgt Ion: 43 Resp: 8661

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.8#



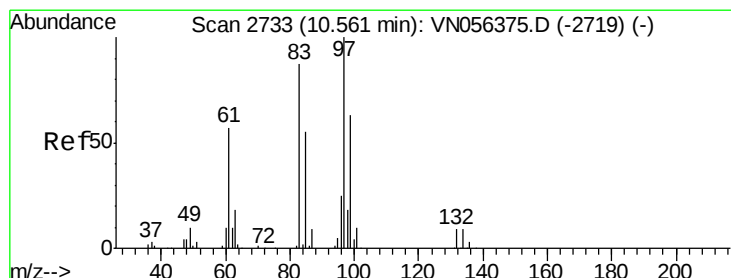
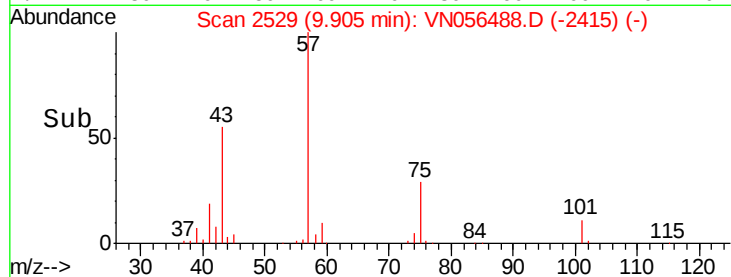
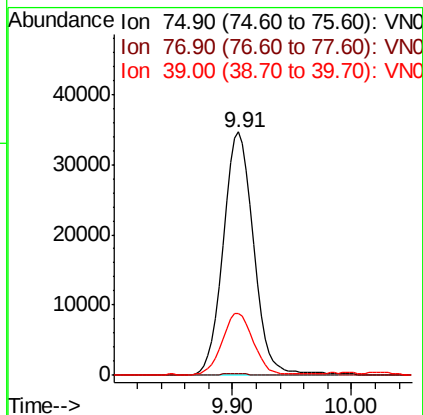
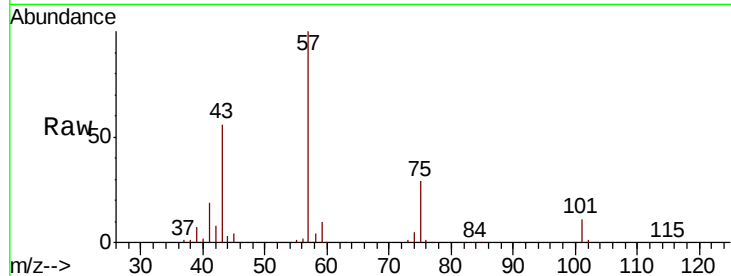


#54

cis-1,3-Dichloropropene
 Concen: 10.053 ug/l
 RT: 9.91 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN056488.D
 Acq: 25 Jun 2019 15:50

Instrument :
 MSVOA_N
 ClientSampleId :
 SAMPLE-8

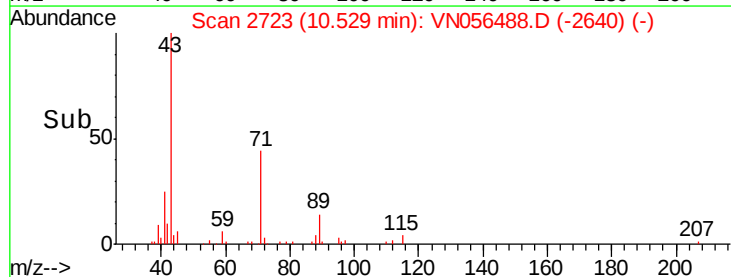
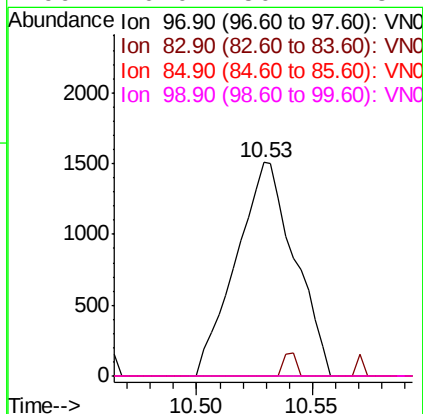
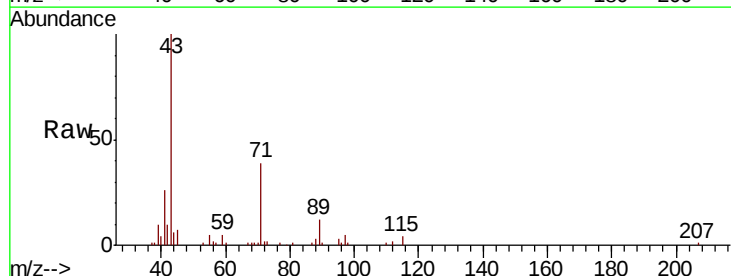
Tot Ion: 75 Resp: 61405
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.2 37.8#
 39 25.6 34.2 51.4#

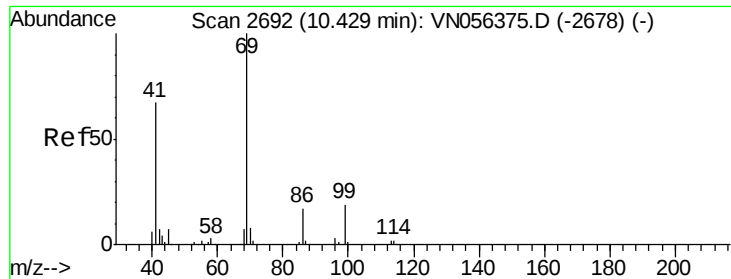


#55

1,1,2-Trichloroethane
 Concen: 0.629 ug/l
 RT: 10.53 min Scan# 2723
 Delta R.T. -0.03 min
 Lab File: VN056488.D
 Acq: 25 Jun 2019 15:50

Tgt Ion: 97 Resp: 2641
 Ion Ratio Lower Upper
 97 100
 83 0.0 69.8 104.6#
 85 0.0 43.8 65.8#
 99 0.0 50.2 75.2#





#56

Ethyl methacrylate

Concen: 0.220 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056488.D

Acq: 25 Jun 2019 15:50

Instrument :

MSVOA_N

ClientSampled :

SAMPLE-8

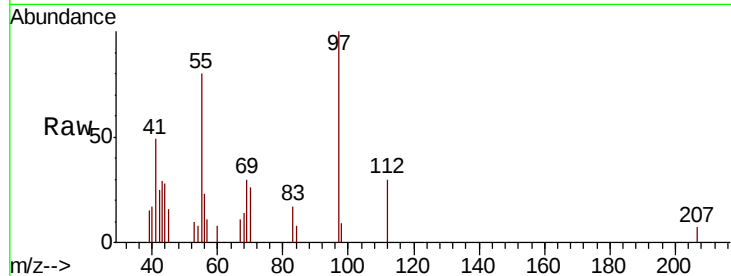
Tot Ion: 69 Resp: 1353

Ion Ratio Lower Upper

69 100

41 165.8 51.4 77.2#

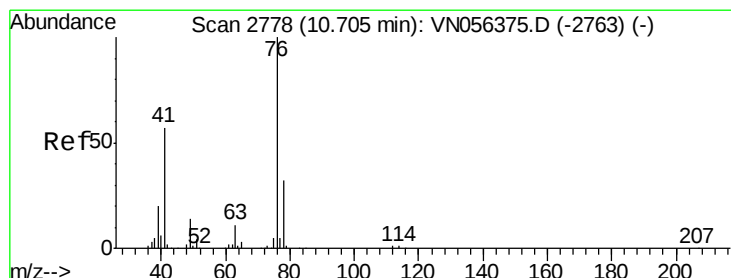
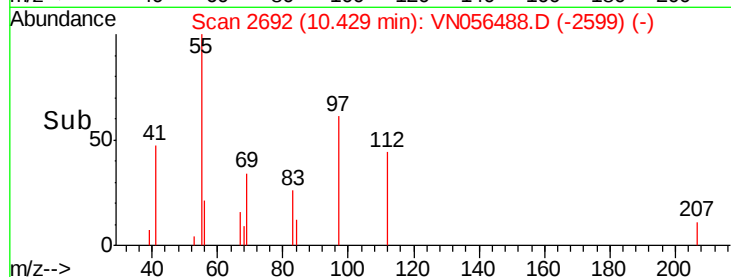
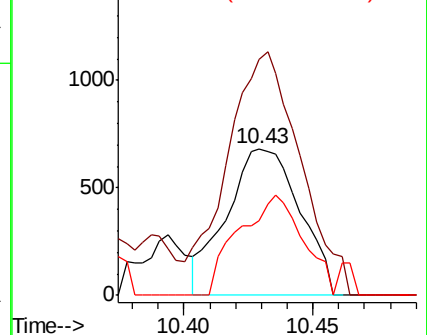
39 60.0 24.7 37.1#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.876 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.05 min

Lab File: VN056488.D

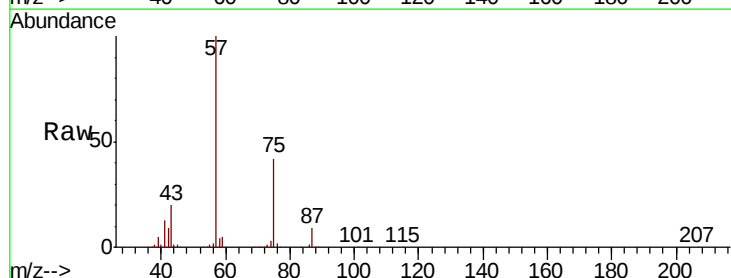
Acq: 25 Jun 2019 15:50

Tgt Ion: 76 Resp: 13236

Ion Ratio Lower Upper

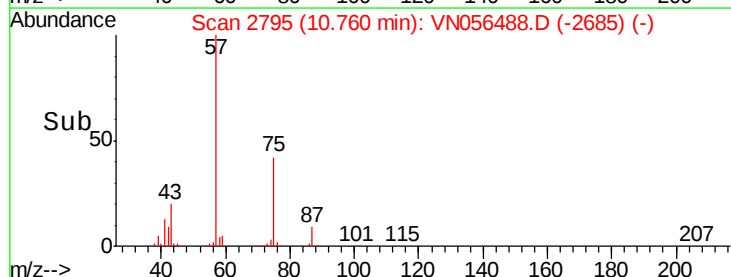
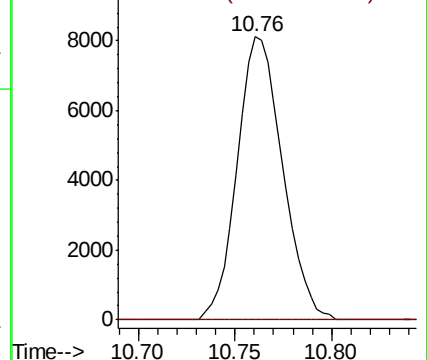
76 100

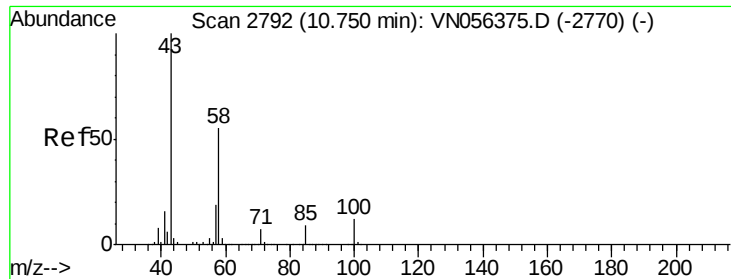
78 0.0 25.9 38.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

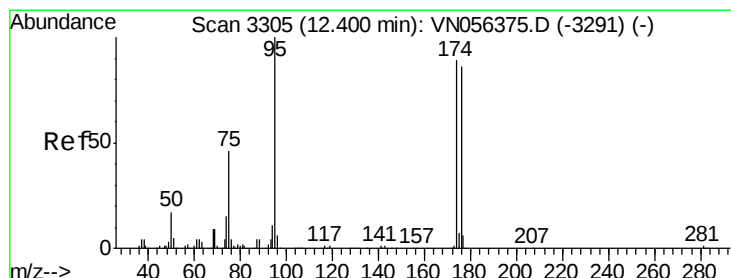
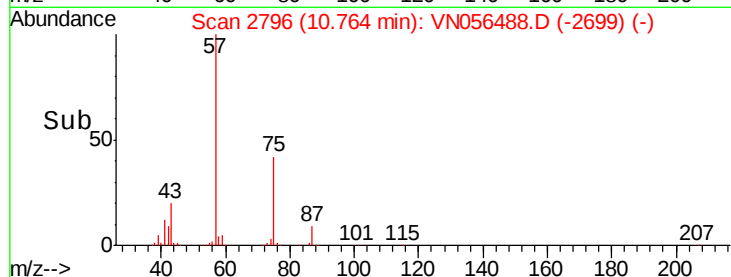
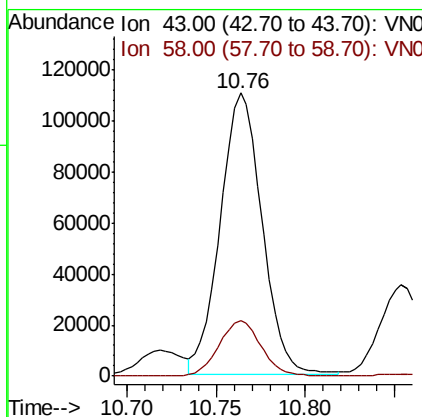
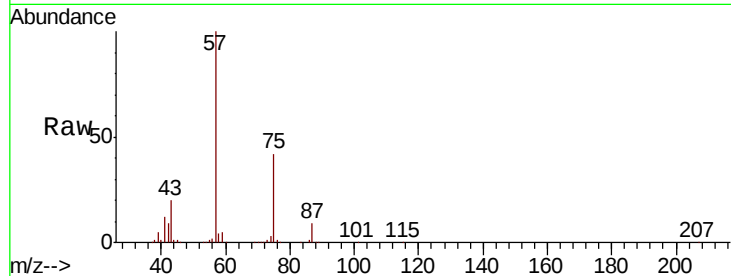




#59
2-Hexanone
Concen: 44.901 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056488.D
Acq: 25 Jun 2019 15:50

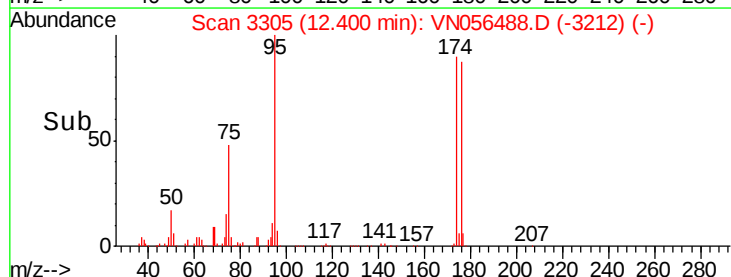
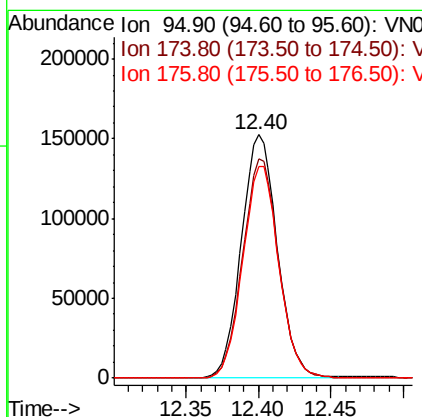
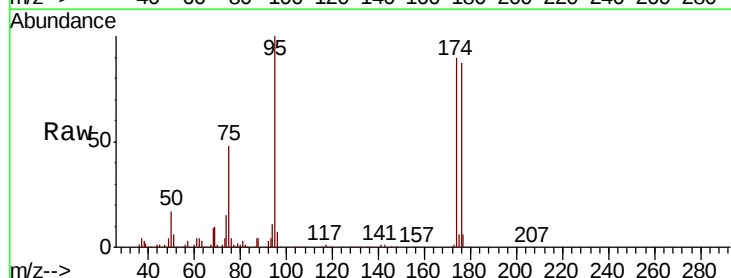
Instrument :
MSVOA_N
ClientSampled :
SAMPLE-8

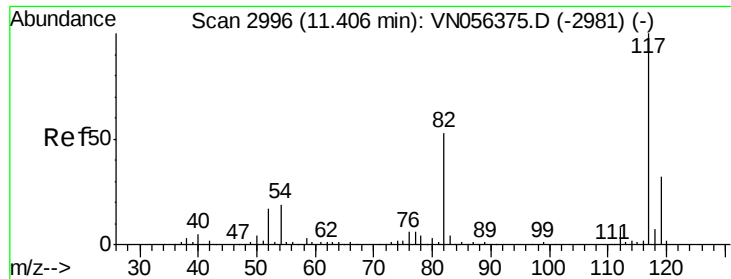
Tot Ion: 43 Resp: 179358
Ion Ratio Lower Upper
43 100
58 19.9 27.8 83.4#



#62
4-Bromofluorobenzene
Concen: 51.343 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056488.D
Acq: 25 Jun 2019 15:50

Tgt Ion: 95 Resp: 262293
Ion Ratio Lower Upper
95 100
174 90.2 0.0 179.4
176 87.6 0.0 173.4

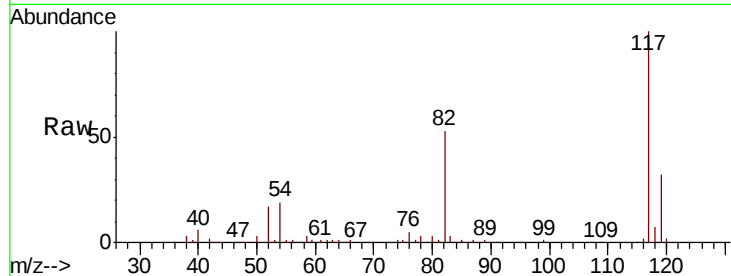




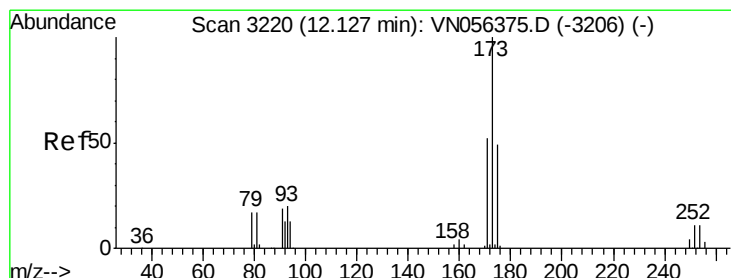
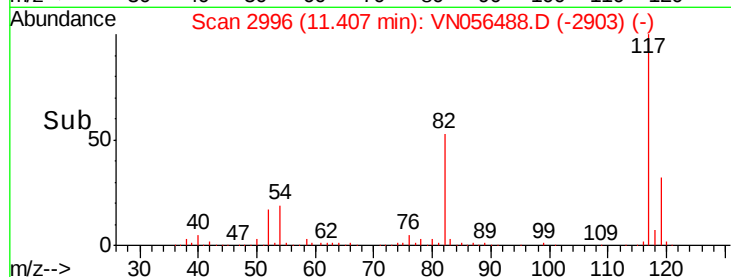
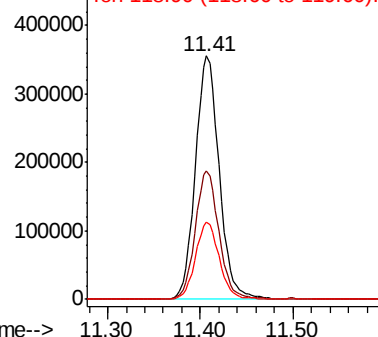
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056488.D
Acq: 25 Jun 2019 15:50

Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-8

Tot Ion:117 Resp: 632353
Ion Ratio Lower Upper
117 100
82 52.9 42.0 63.0
119 31.6 25.3 37.9

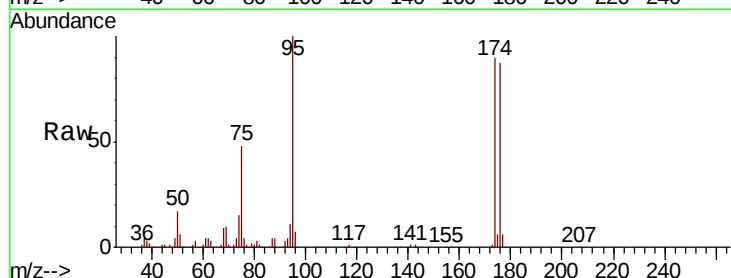


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

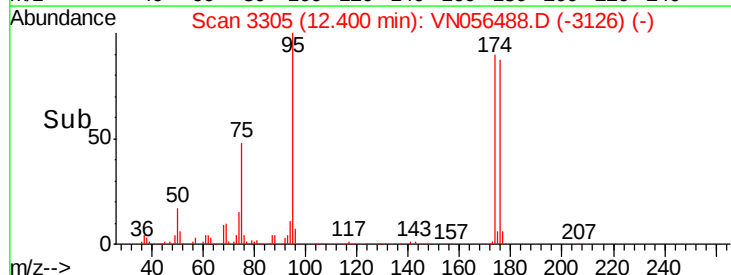
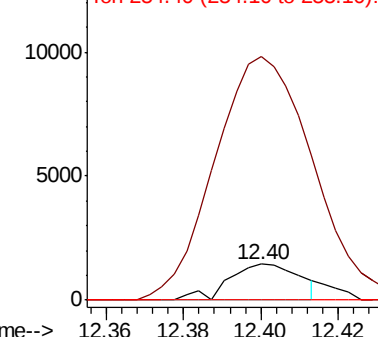


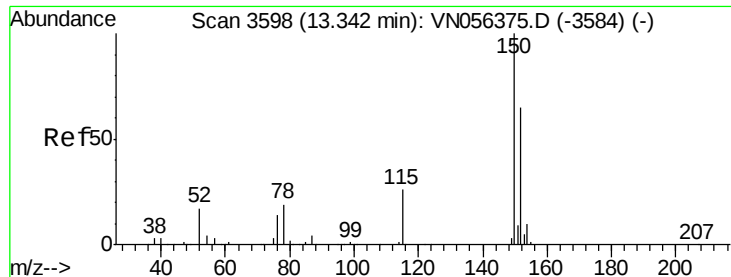
#71
Bromoform
Concen: 3.641 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN056488.D
Acq: 25 Jun 2019 15:50

Tgt Ion:173 Resp: 1843
Ion Ratio Lower Upper
173 100
175 822.7 24.4 73.4#
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: VN056488.D

Acq: 25 Jun 2019 15:50

Instrument :

MSVOA_N

ClientSampled :

SAMPLE-8

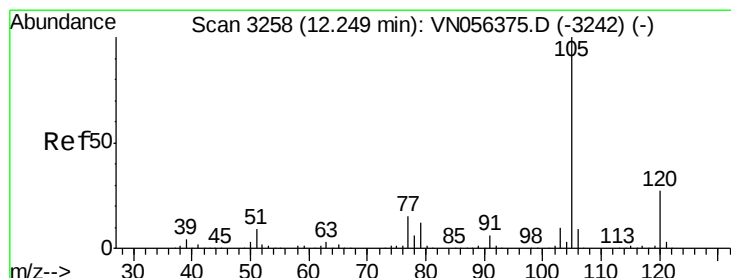
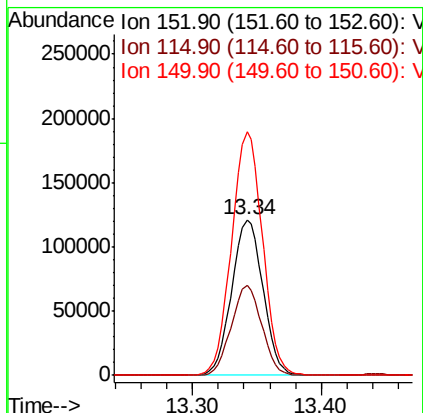
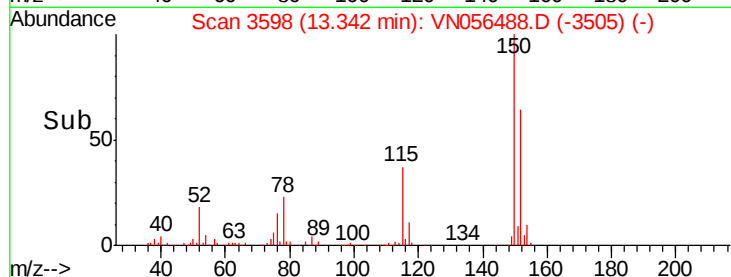
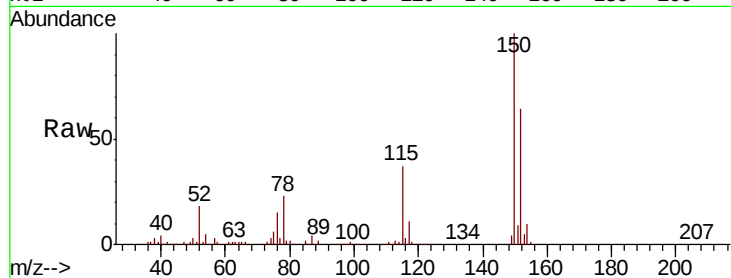
Tot Ion:152 Resp: 203769

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.4

150 155.0 0.0 348.4



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056488.D

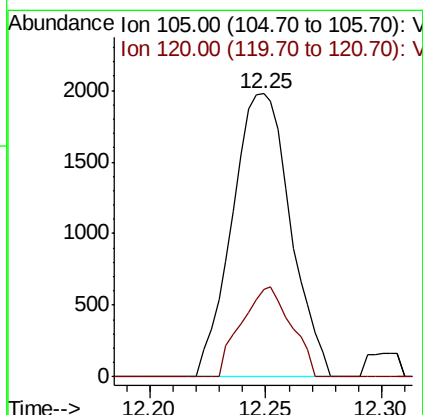
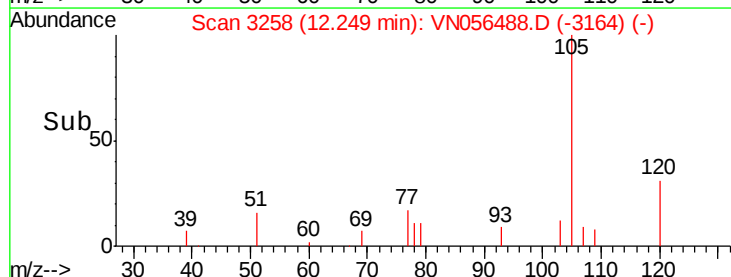
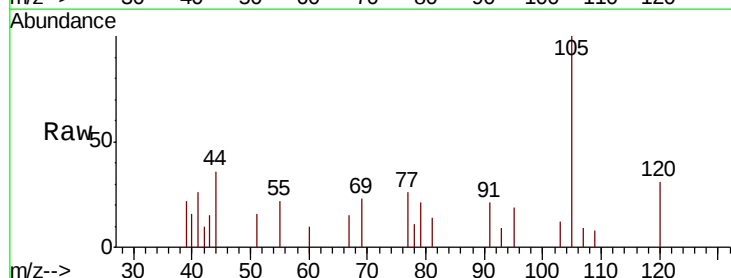
Acq: 25 Jun 2019 15:50

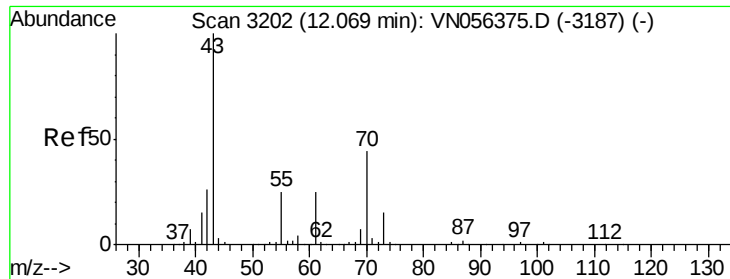
Tgt Ion:105 Resp: 3455

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2





#74

N-amvl acetate

Concen: 2.549 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN056488.D

Acq: 25 Jun 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

SAMPLE-8

Tot Ion: 43 Resp: 16531

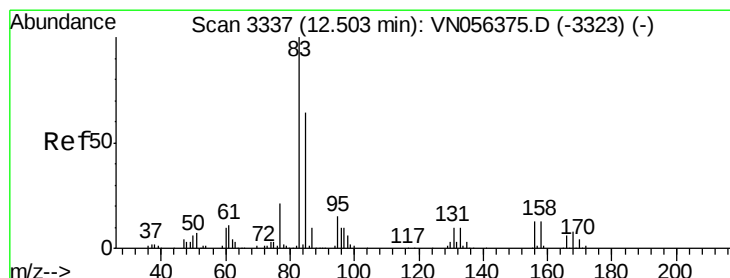
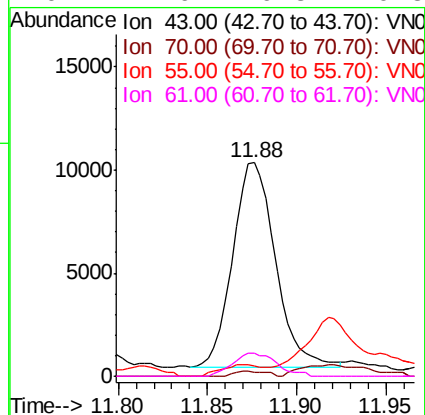
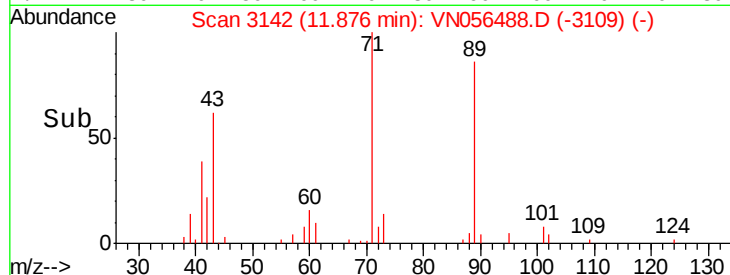
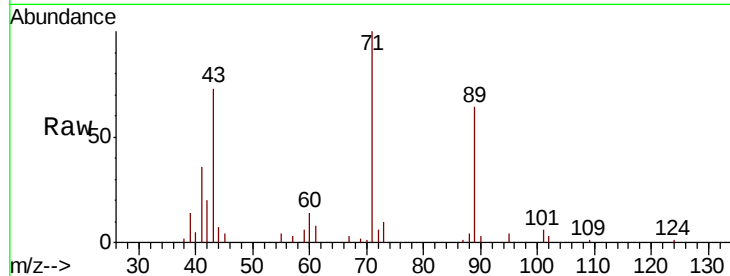
Ion Ratio Lower Upper

43 100

70 1.8 34.9 52.3#

55 5.5 20.4 30.6#

61 11.6 19.8 29.8#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.47 min Scan# 3327

Delta R.T. -0.03 min

Lab File: VN056488.D

Acq: 25 Jun 2019 15:50

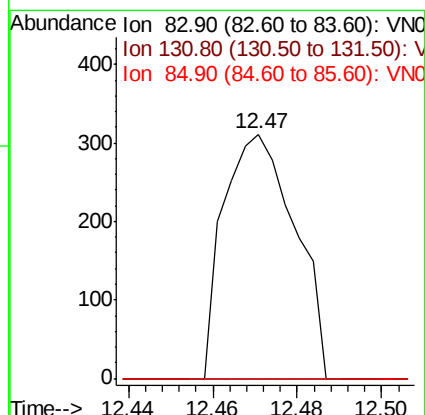
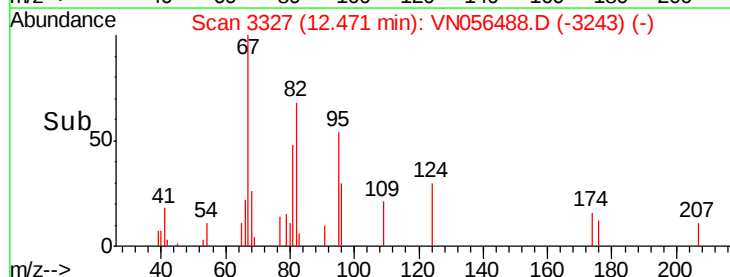
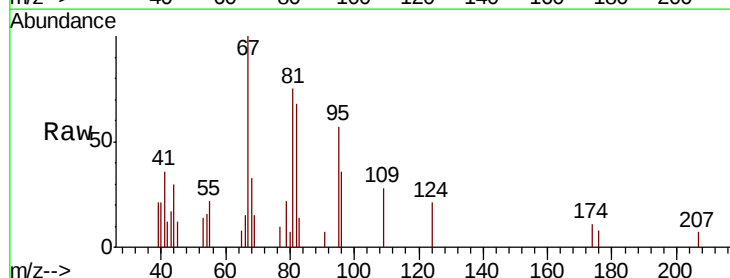
Tgt Ion: 83 Resp: 365

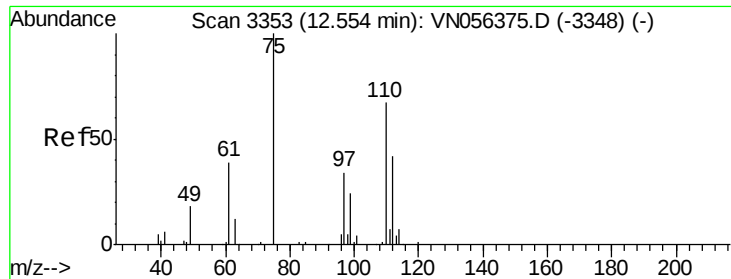
Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 0.0 32.4 97.0#

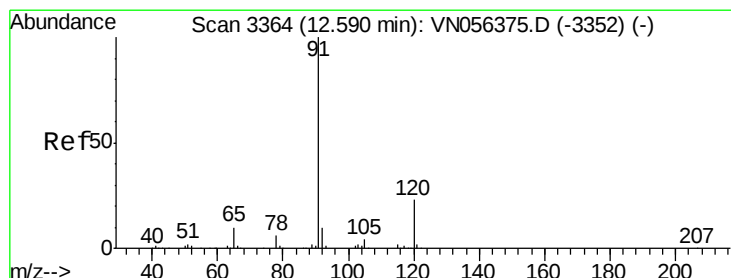
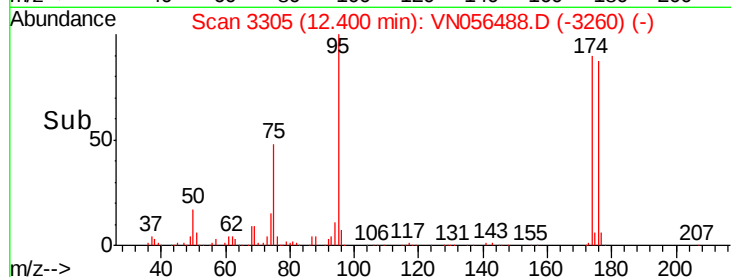
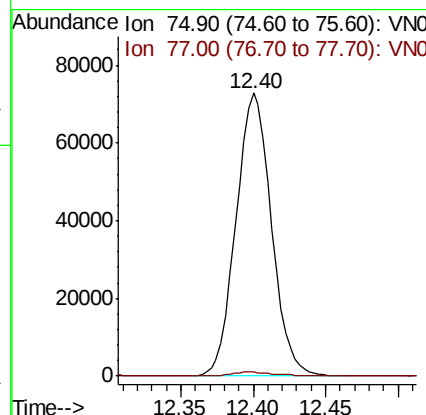
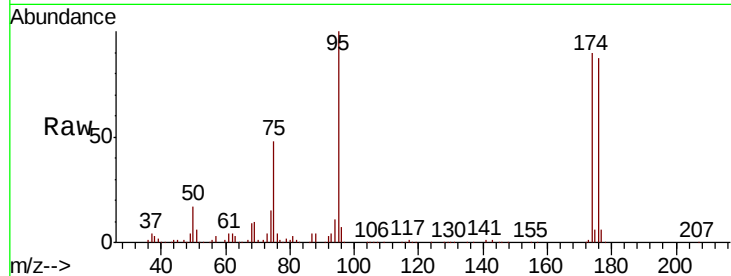




#76
 1,2,3-Trichloropropane
 Concen: 29.174 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN056488.D
 Acq: 25 Jun 2019 15:50

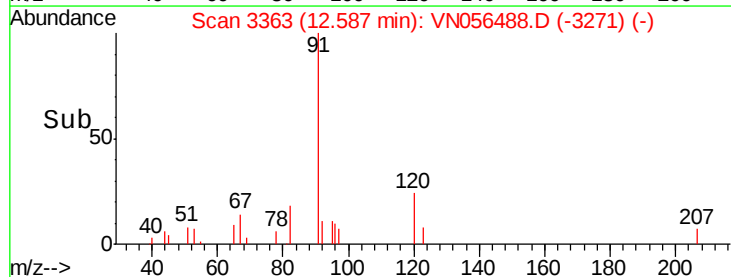
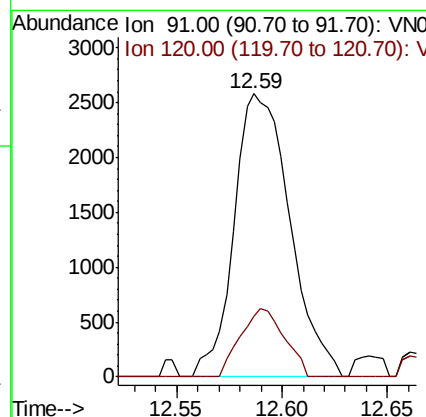
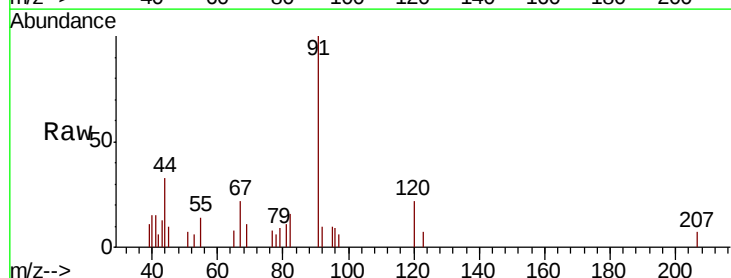
Instrument :
 MSVOA_N
 ClientSampled :
 SAMPLE-8

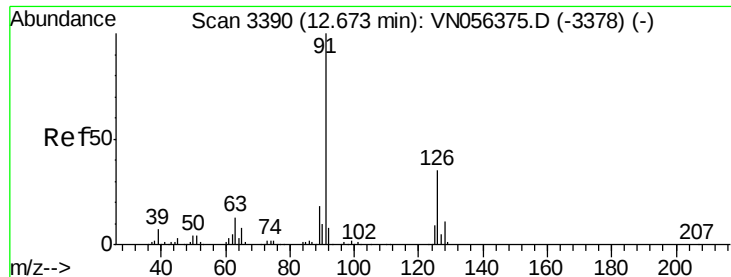
Tot Ion: 75 Resp: 123264
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#



#78
 n-propylbenzene
 Concen: 0.255 ug/l
 RT: 12.59 min Scan# 3363
 Delta R.T. -0.00 min
 Lab File: VN056488.D
 Acq: 25 Jun 2019 15:50

Tgt Ion: 91 Resp: 4753
 Ion Ratio Lower Upper
 91 100
 120 19.1 11.8 35.4

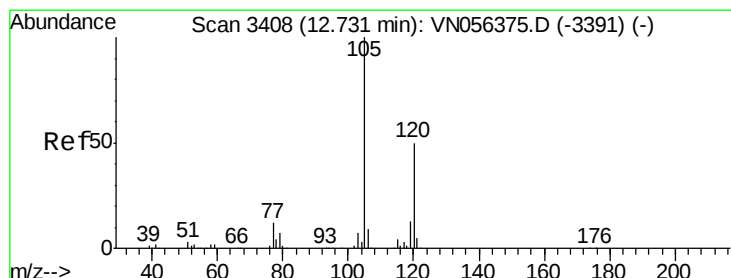
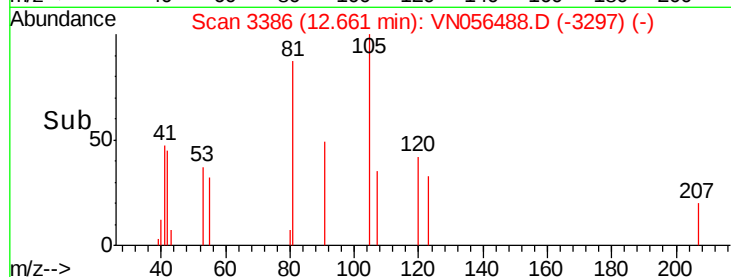
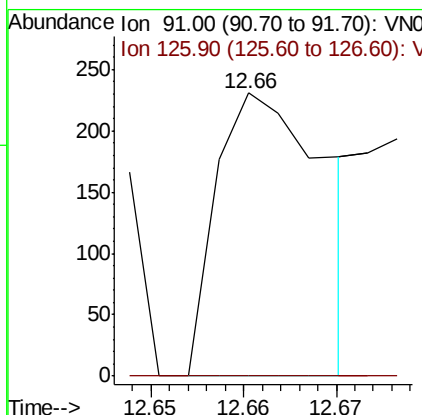
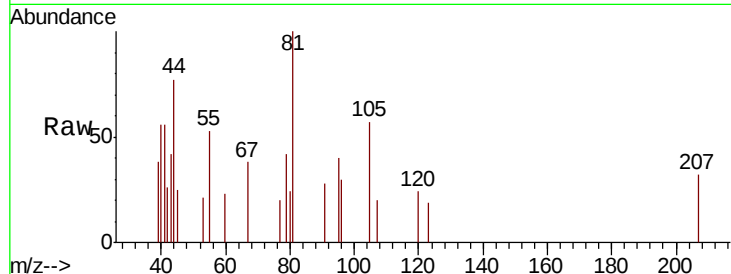




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.66 min Scan# 3386
 Delta R.T. -0.01 min
 Lab File: VN056488.D
 Acq: 25 Jun 2019 15:50

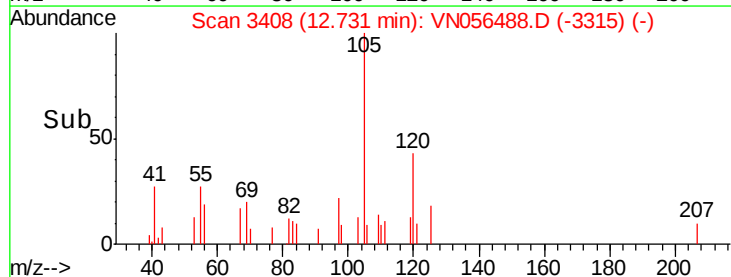
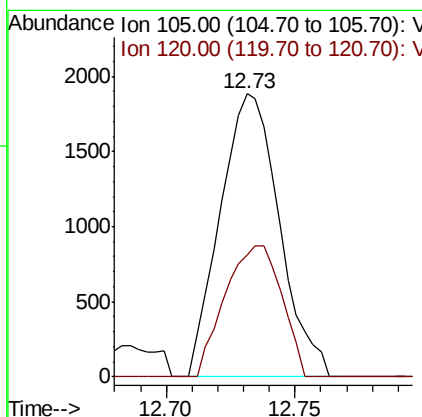
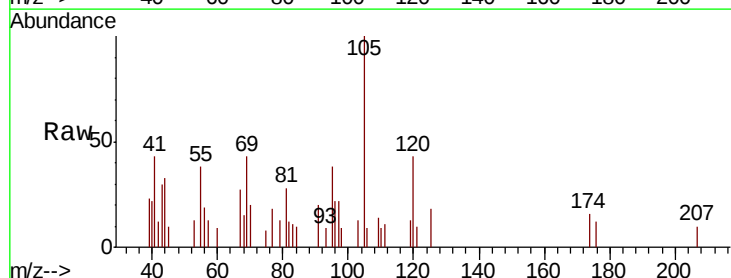
Instrument :
 MSVOA_N
 ClientSampled :
 SAMPLE-8

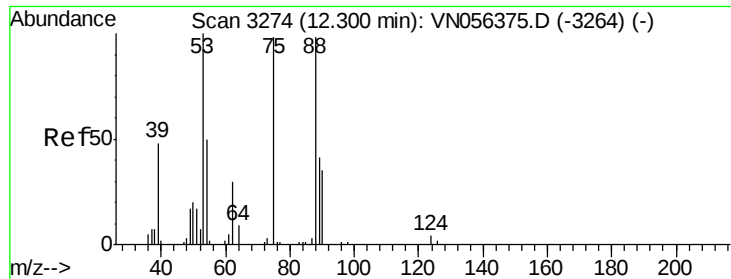
Tot Ion: 91 Resp: 189
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.6 52.8#



#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN056488.D
 Acq: 25 Jun 2019 15:50

Tgt Ion: 105 Resp: 3002
 Ion Ratio Lower Upper
 105 100
 120 44.4 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 103.687 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056488.D

Acq: 25 Jun 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

SAMPLE-8

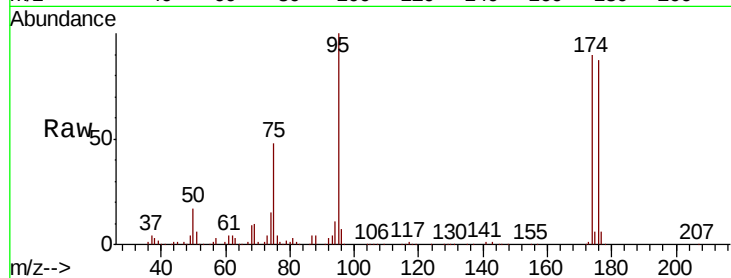
Tot Ion: 75 Resp: 123264

Ion Ratio Lower Upper

75 100

53 0.2 83.9 125.9#

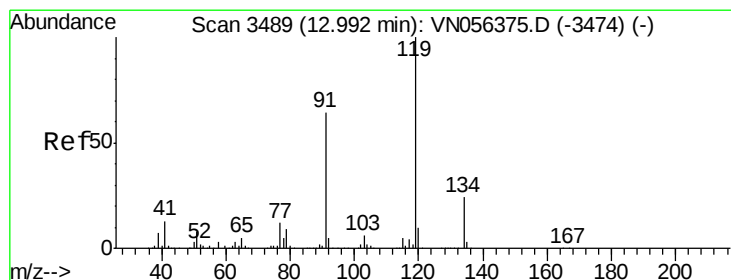
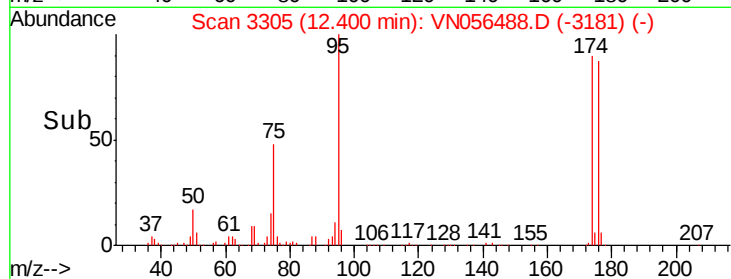
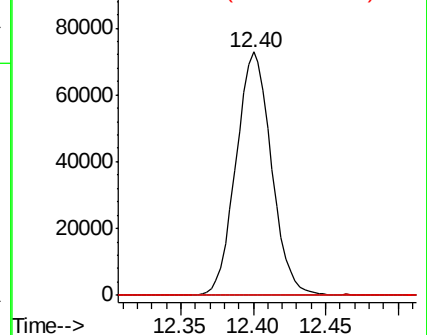
89 0.0 35.0 52.6#



Abundance Ion 74.90 (74.60 to 75.60): VN056375.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN056375.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN056375.D (-3264) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN056488.D

Acq: 25 Jun 2019 15:50

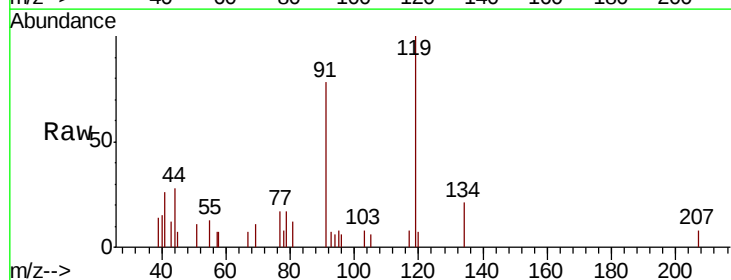
Tgt Ion: 119 Resp: 3930

Ion Ratio Lower Upper

119 100

91 85.7 31.6 94.7

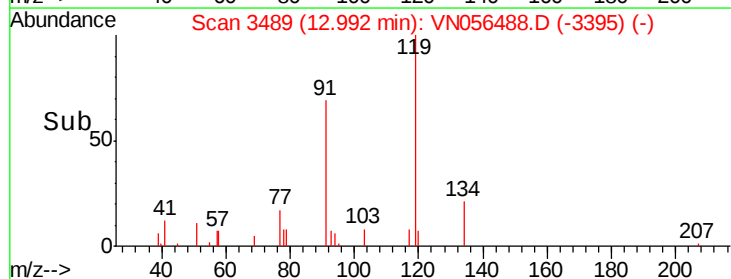
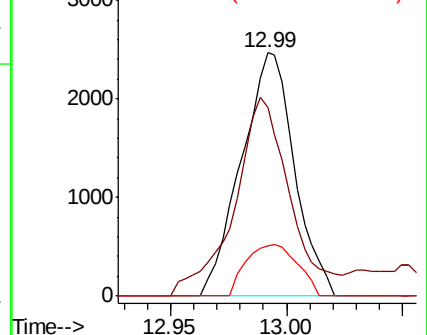
134 20.4 13.2 39.5

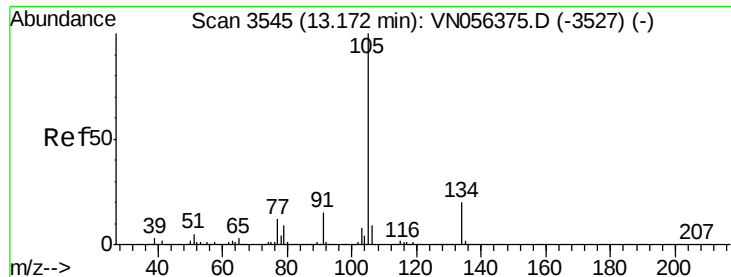


Abundance Ion 119.00 (118.70 to 119.70): VN056375.D (-3474) (-)

Ion 91.00 (90.70 to 91.70): VN056375.D (-3474) (-)

Ion 134.00 (133.70 to 134.70): VN056375.D (-3474) (-)





#85

sec-Butylbenzene

Concen: 2.387 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056488.D

Acq: 25 Jun 2019 15:50

Instrument :

MSVOA_N

ClientSampled :

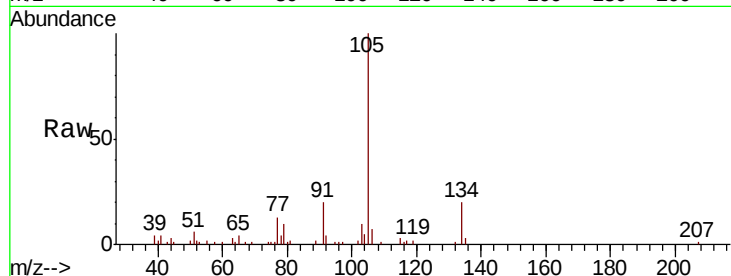
SAMPLE-8

Tot Ion:105 Resp: 39156

Ion Ratio Lower Upper

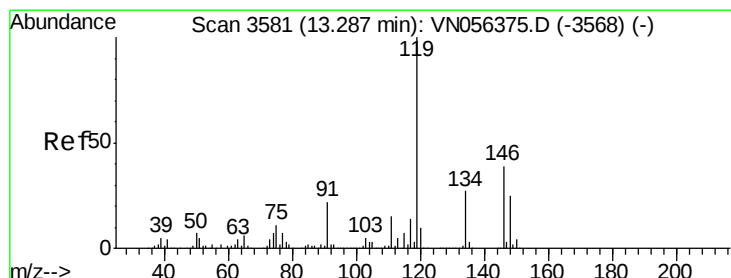
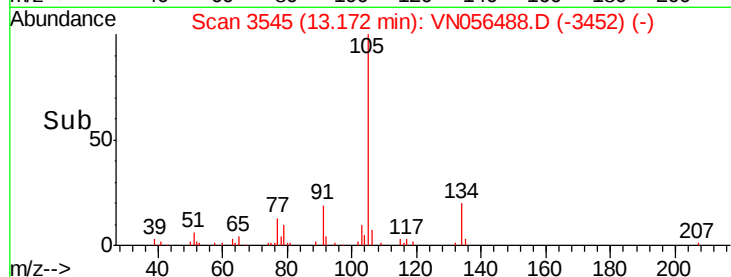
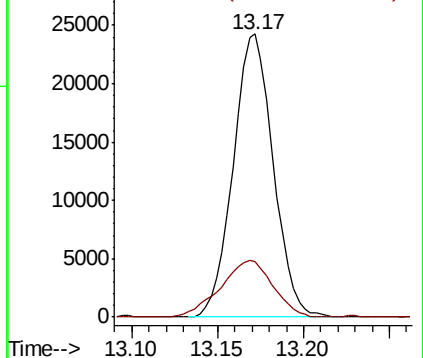
105 100

134 26.2 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.278 ug/l

RT: 13.44 min Scan# 3629

Delta R.T. 0.15 min

Lab File: VN056488.D

Acq: 25 Jun 2019 15:50

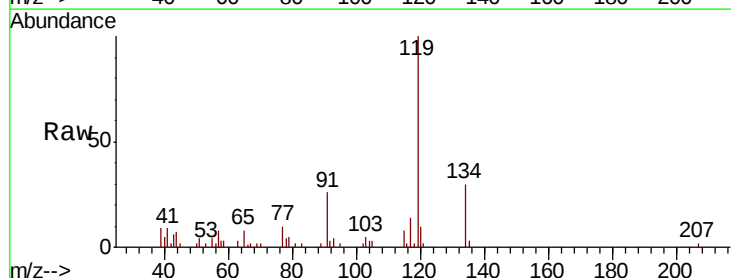
Tgt Ion:119 Resp: 17988

Ion Ratio Lower Upper

119 100

134 29.3 13.5 40.4

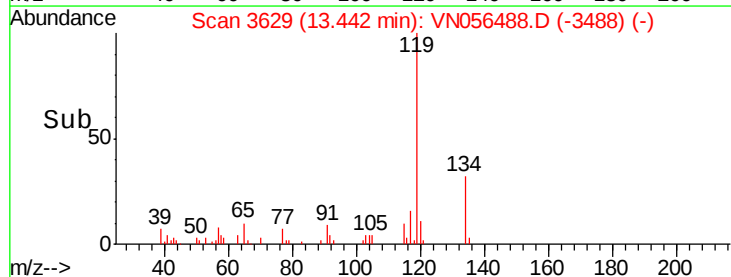
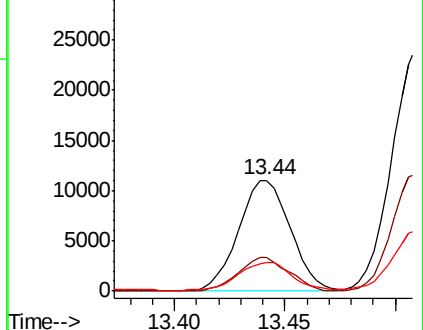
91 27.6 11.2 33.5

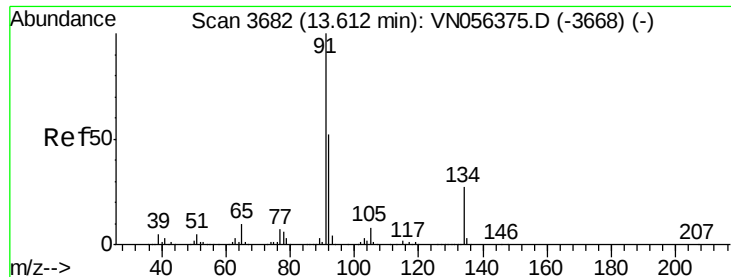


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

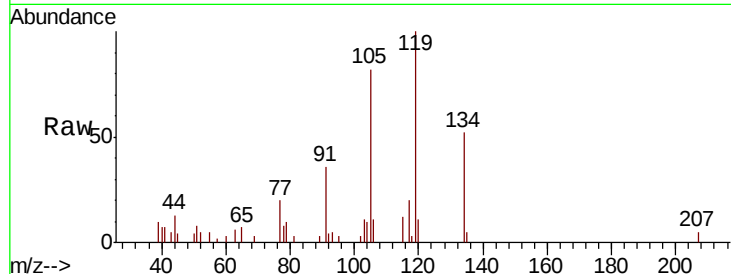




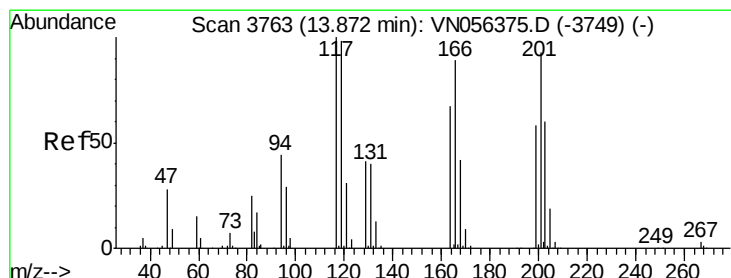
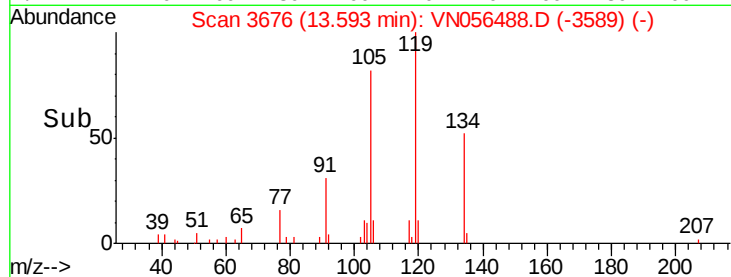
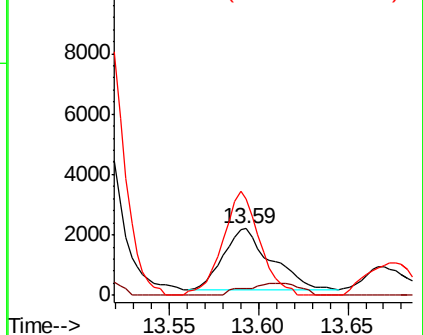
#89
n-Butylbenzene
Concen: 0.358 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. -0.02 min
Lab File: VN056488.D
Acq: 25 Jun 2019 15:50

Instrument :
MSVOA_N
ClientSampled :
SAMPLE-8

Tot Ion: 91 Resp: 3811
Ion Ratio Lower Upper
91 100
92 0.0 26.2 78.5#
134 129.3 13.4 40.2#

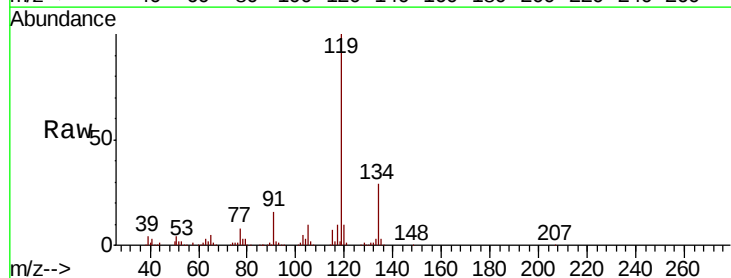


Abundance Ion 91.00 (90.70 to 91.70): VN056375.D (-3668) (-)
Ion 92.00 (91.70 to 92.70): VN056375.D (-3668) (-)
Ion 134.00 (133.70 to 134.70): VN056375.D (-3668) (-)

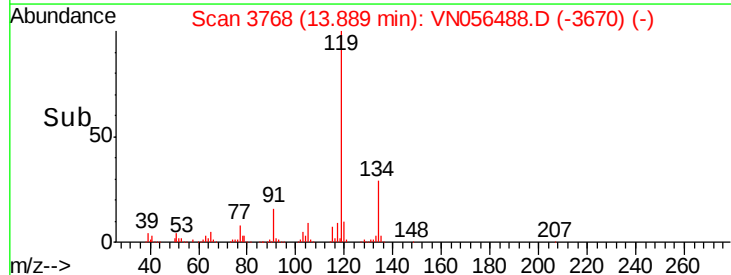
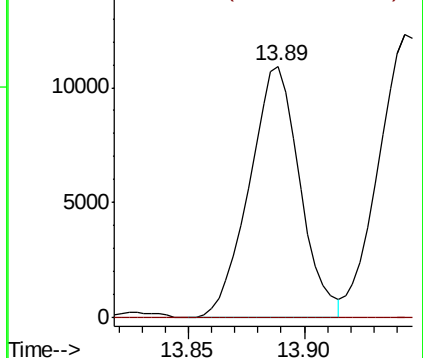


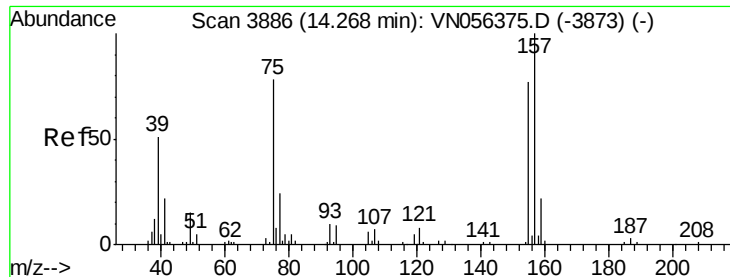
#90
Hexachloroethane
Concen: 7.566 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN056488.D
Acq: 25 Jun 2019 15:50

Tgt Ion: 117 Resp: 16603
Ion Ratio Lower Upper
117 100
201 0.0 45.9 137.6#



Abundance Ion 116.80 (116.50 to 117.50): VN056375.D (-3749) (-)
Ion 200.70 (200.40 to 201.40): VN056375.D (-3749) (-)

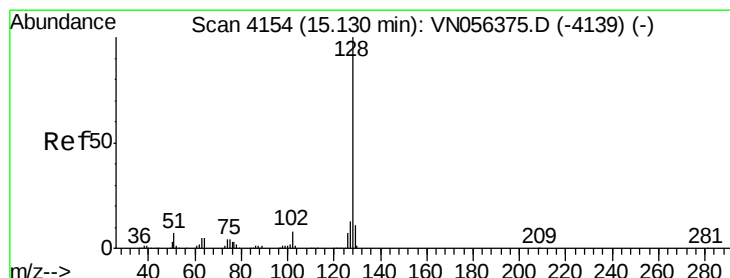
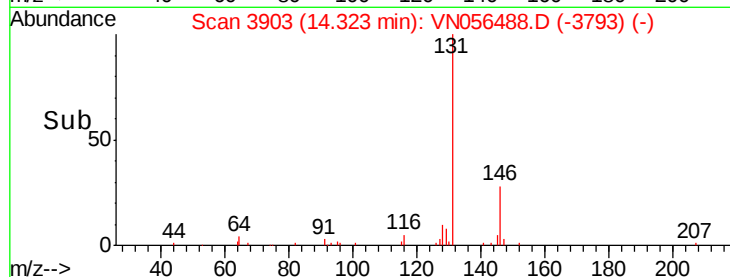
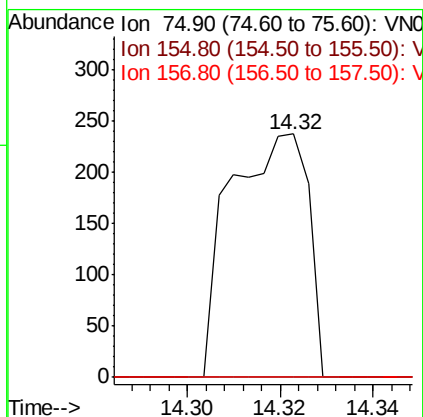
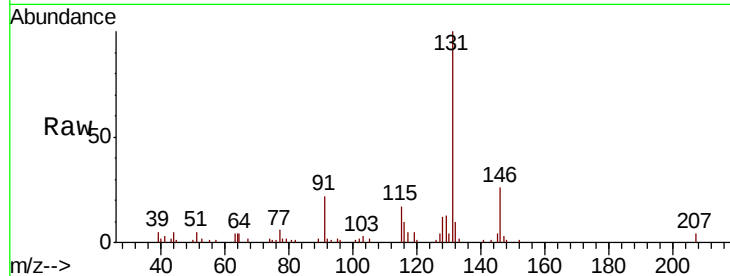




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.366 ug/l
 RT: 14.32 min Scan# 3903
 Delta R.T. 0.05 min
 Lab File: VN056488.D
 Acq: 25 Jun 2019 15:50

Instrument :
 MSVOA_N
 ClientSampled :
 SAMPLE-8

Tot Ion: 75 Resp: 276
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.9 146.8#
 157 0.0 62.9 188.8#



#95
 Naphthalene
 Concen: 5.339 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.01 min
 Lab File: VN056488.D
 Acq: 25 Jun 2019 15:50

Tgt Ion: 128 Resp: 978
 Ion Ratio Lower Upper
 128 100
 127 44.0 10.2 15.2#
 129 0.0 8.6 12.8#

