

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060319\
 Data File : VN055962.D
 Acq On : 3 Jun 2019 15:30
 Operator : JC/SP
 Sample : K3125-26
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 03 16:23:59 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	391478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	588921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	581519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	225594	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	194204	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
35) Dibromofluoromethane	7.59	113	169056	45.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.80%	
50) Toluene-d8	10.09	98	716849	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.40	95	253874	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	1119	0.303	ug/l	99
11) Tert butyl alcohol	4.81	59	7461	9.659	ug/l #	82
13) Acrolein	3.62	56	33055	59.762	ug/l #	15
14) Allyl chloride	4.27	41	14268	2.500	ug/l #	38
16) Acetone	3.82	43	1166778	656.541	ug/l #	13
18) Methyl Acetate	4.33	43	23082	5.258	ug/l	100
22) Diisopropyl ether	6.09	45	267588	24.105	ug/l #	1
23) Vinyl Acetate	6.09	43	592831	62.286	ug/l #	71
25) 2-Butanone	6.84	43	48086	19.374	ug/l	98
31) Cyclohexane	7.66	56	6130	1.010	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	23134	4.508	ug/l #	48
37) Ethyl Acetate	6.84	43	48086	9.694	ug/l #	67
38) Carbon Tetrachloride	7.66	117	32564	6.091	ug/l #	15
40) Benzene	8.04	78	4072	0.263	ug/l	97
43) Isopropyl Acetate	8.28	43	2334	0.280	ug/l #	53
45) 1,2-Dichloropropane	9.13	63	1607	0.399	ug/l #	1
48) Methyl methacrylate	9.17	41	21857	5.690	ug/l #	12
49) 1,4-Dioxane	9.20	88	490	6.139	ug/l #	24
51) 4-Methyl-2-Pentanone	9.99	43	10500	2.133	ug/l	88
52) Toluene	10.15	92	11388	1.171	ug/l	99
57) 1,3-Dichloropropane	10.82	76	4904	0.774	ug/l #	42
59) 2-Hexanone	10.81	43	226932	64.990	ug/l #	41
67) Ethyl Benzene	11.51	91	7578	0.363	ug/l	91
68) m/p-Xylenes	11.62	106	15826	2.005	ug/l	94
69) o-Xylene	11.95	106	7285	0.930	ug/l	97
73) Isopropylbenzene	12.25	105	2307	Below Cal		90
74) N-amyl acetate	11.99	43	15347	0.245	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.36	83	224542	47.049	ug/l #	33
76) 1,2,3-Trichloropropane	12.40	75	115710	28.429	ug/l #	100
77) Bromobenzene	12.53	156	11687	2.428	ug/l #	1
79) 2-Chlorotoluene	12.66	91	1472	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	10391	Below Cal		97
81) trans-1,4-Dichloro-2-buten	12.40	75	115710	69.011	ug/l #	15
83) tert-Butylbenzene	12.99	119	809	Below Cal	#	42

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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

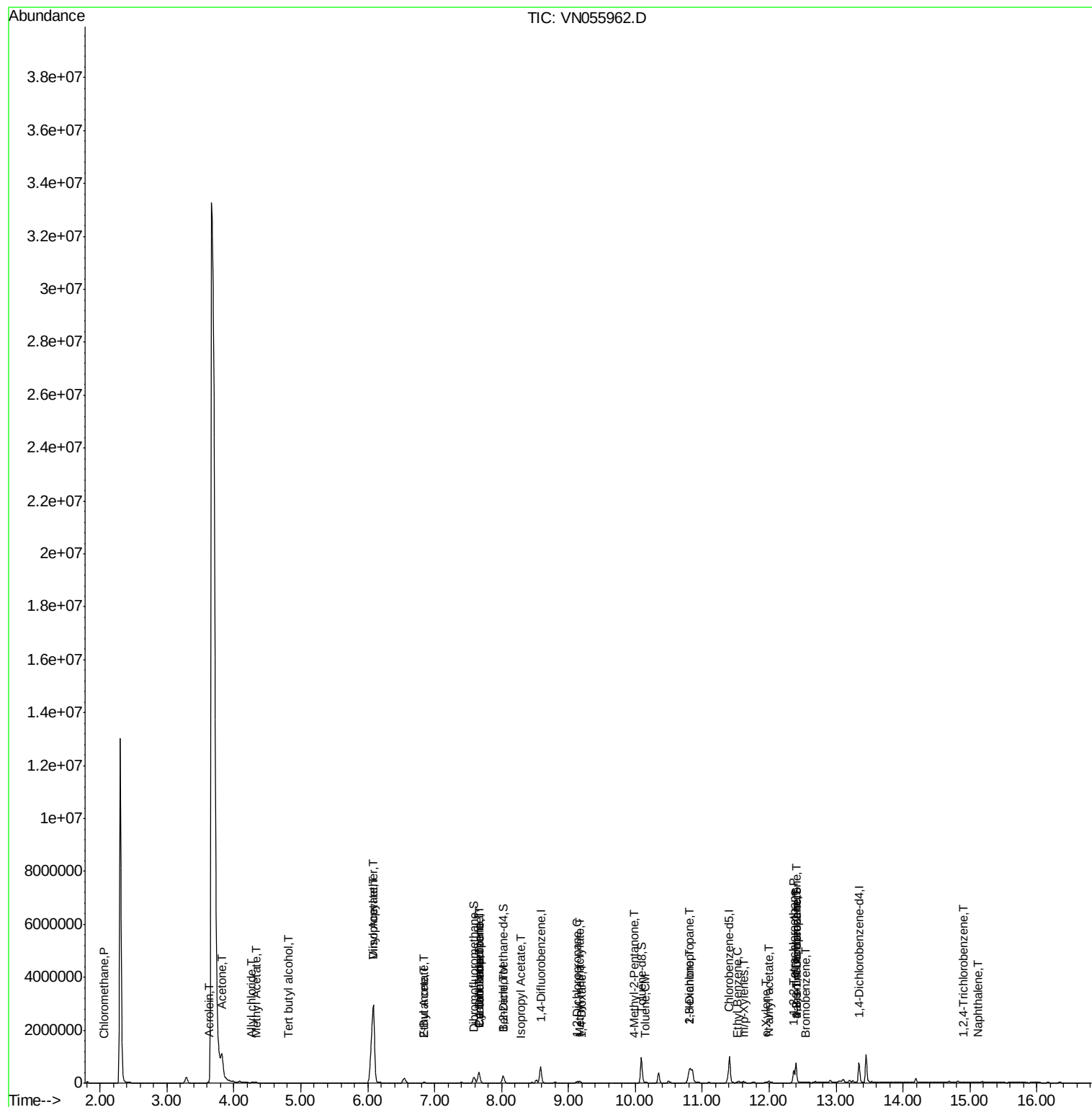
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.04	105	25068	Below Cal	100
85) sec-Butylbenzene	13.17	105	1232	Below Cal #	56
93) 1,2,4-Trichlorobenzene	14.90	180	312	3.703 ug/l #	55
95) Naphthalene	15.13	128	18387	1.762 ug/l	95

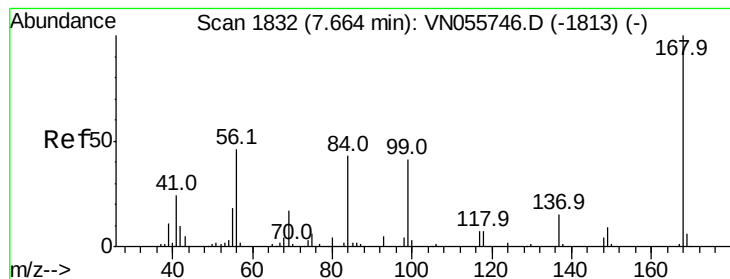
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060319\
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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: VN055962.D

Acq: 3 Jun 2019 15:30

Instrument :

MSVOA_N

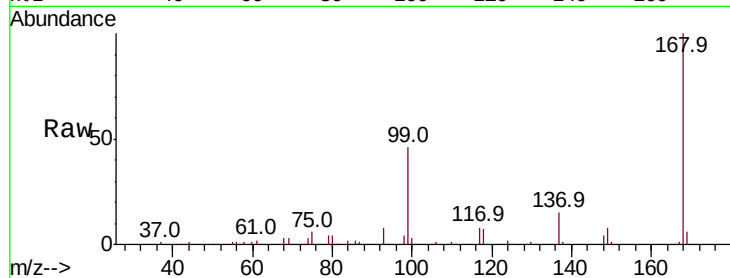
ClientSampleId :

Tot Ion:168 Resp: 391478

Ion Ratio Lower Upper

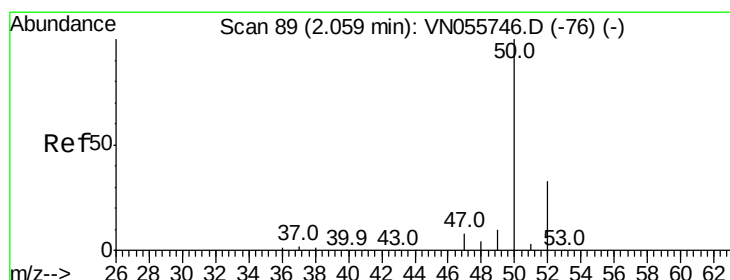
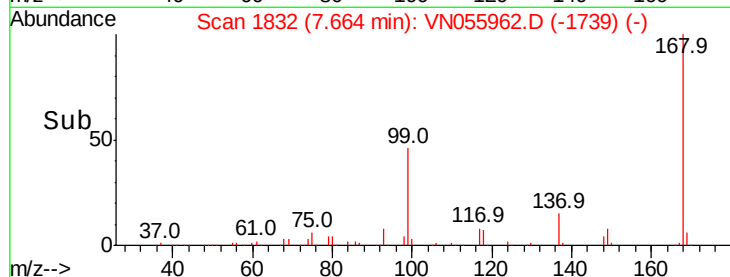
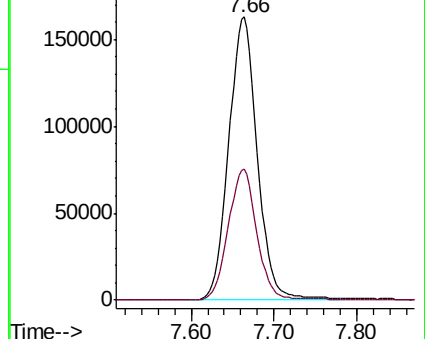
168 100

99 46.3 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.303 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055962.D

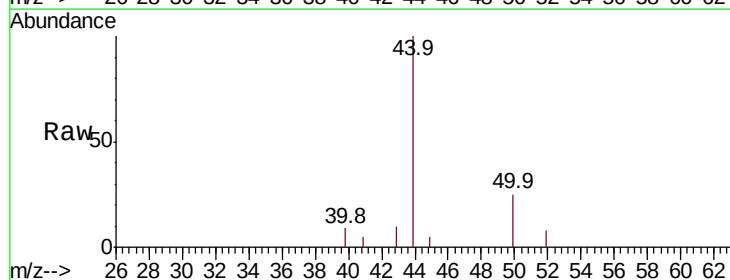
Acq: 3 Jun 2019 15:30

Tgt Ion: 50 Resp: 1119

Ion Ratio Lower Upper

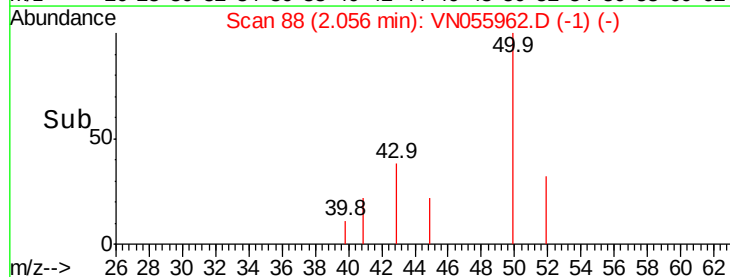
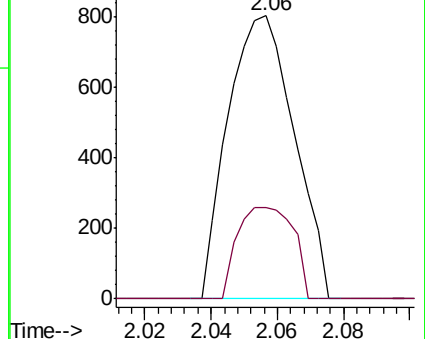
50 100

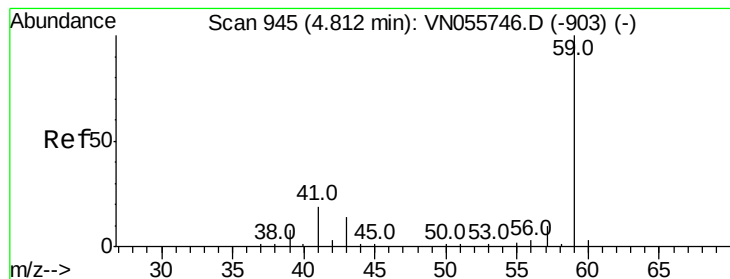
52 32.5 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



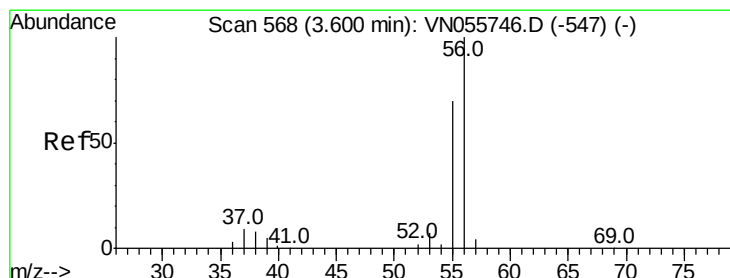
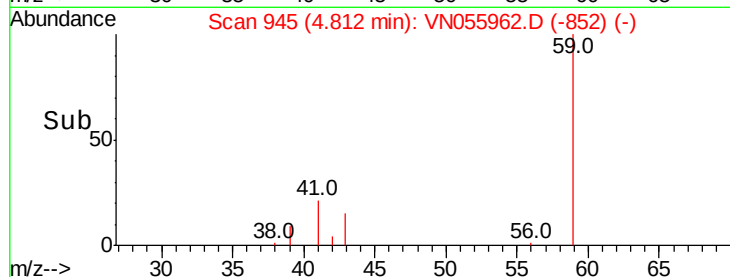
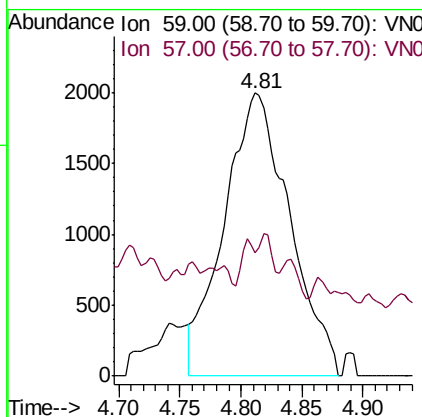
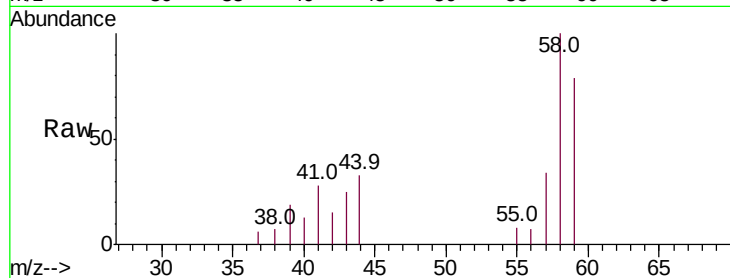


#11

Tert butyl alcohol
 Concen: 9.659 ug/l
 RT: 4.81 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: VN055962.D
 Acq: 3 Jun 2019 15:30

Instrument :
 MSVOA_N
 ClientSampled :

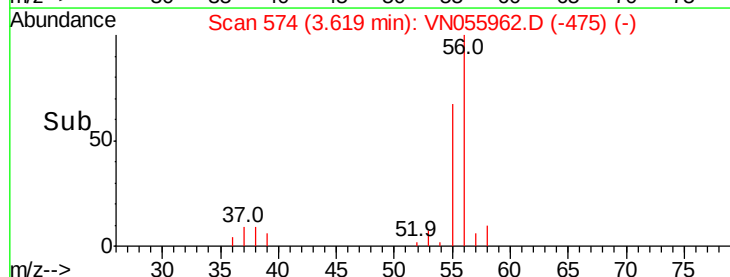
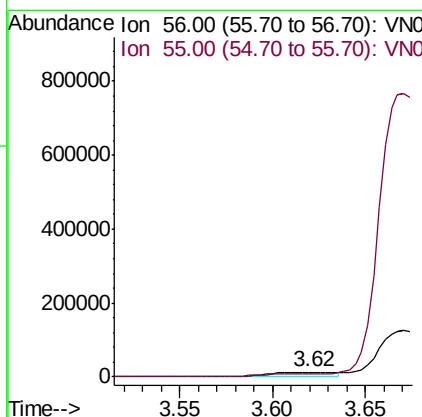
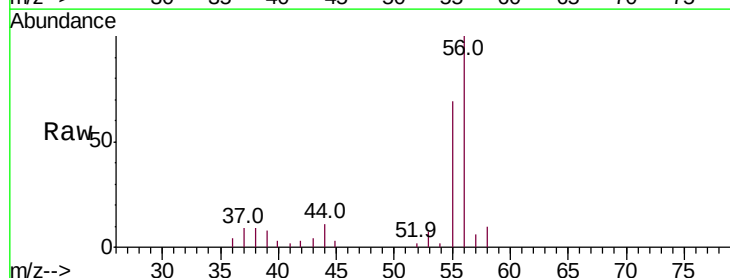
Tot Ion: 59 Resp: 7461
 Ion Ratio Lower Upper
 59 100
 57 3.1 7.8 11.6#

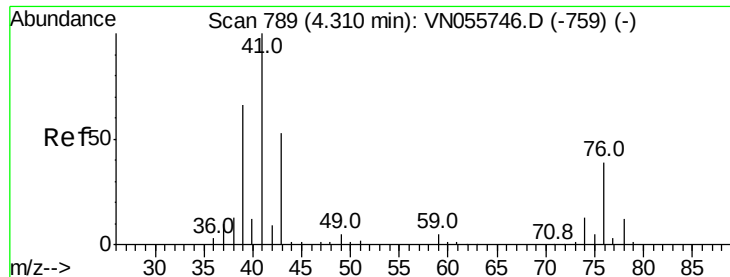


#13

Acrolein
 Concen: 59.762 ug/l
 RT: 3.62 min Scan# 574
 Delta R.T. 0.02 min
 Lab File: VN055962.D
 Acq: 3 Jun 2019 15:30

Tgt Ion: 56 Resp: 33055
 Ion Ratio Lower Upper
 56 100
 55 0.0 55.4 83.2#

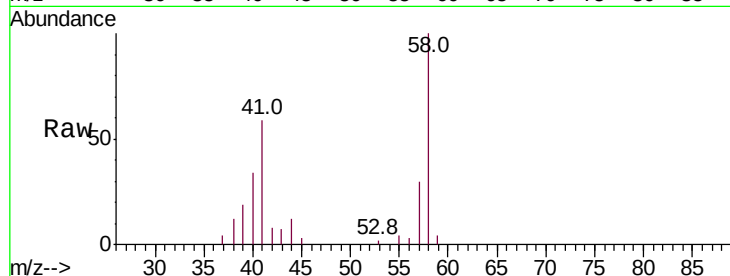




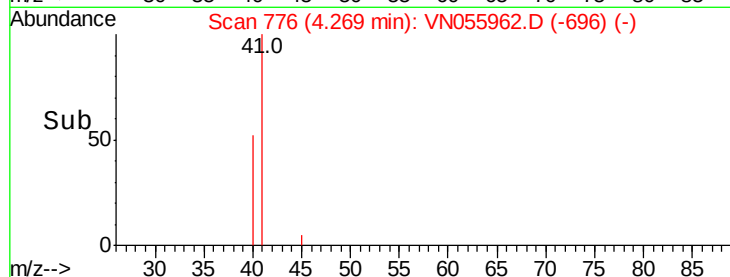
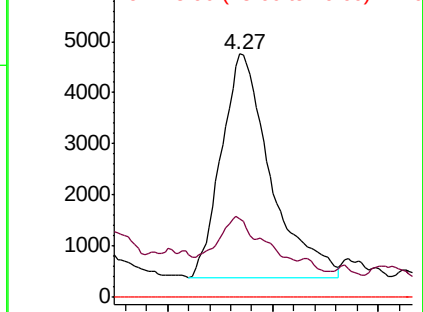
#14
Allvl chloride
Concen: 2.500 ug/l
RT: 4.27 min Scan# 776
Delta R.T. -0.04 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 14268
Ion Ratio Lower Upper
41 100
39 14.0 50.0 75.0#
76 0.0 28.2 42.2#

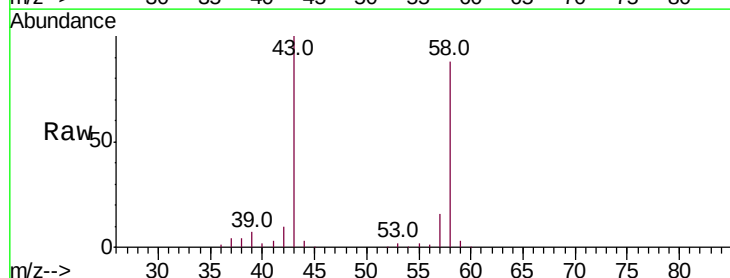
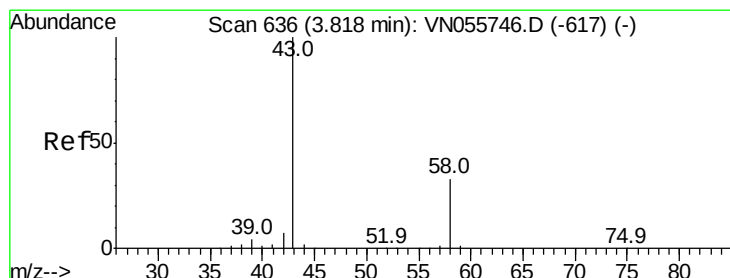


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO

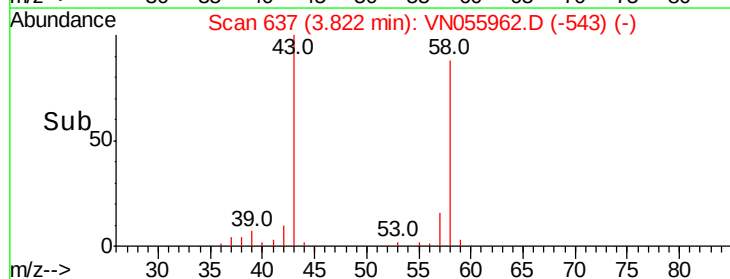
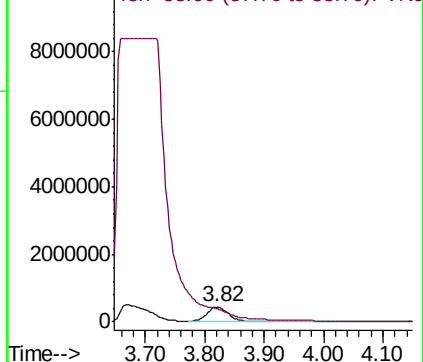


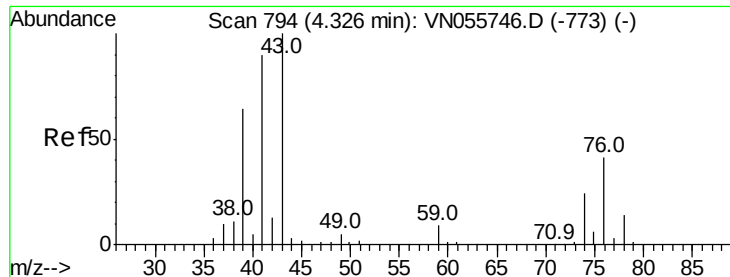
#16
Acetone
Concen: 656.541 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

Tgt Ion: 43 Resp: 1166778
Ion Ratio Lower Upper
43 100
58 82.3 26.6 39.8#



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

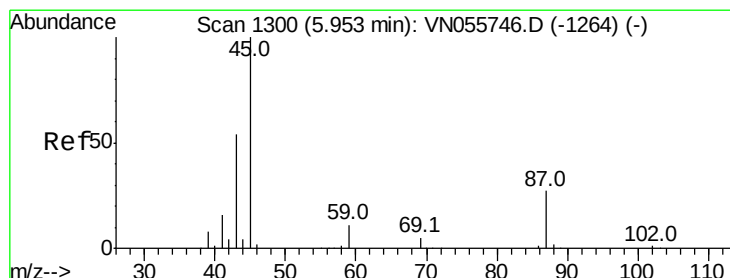
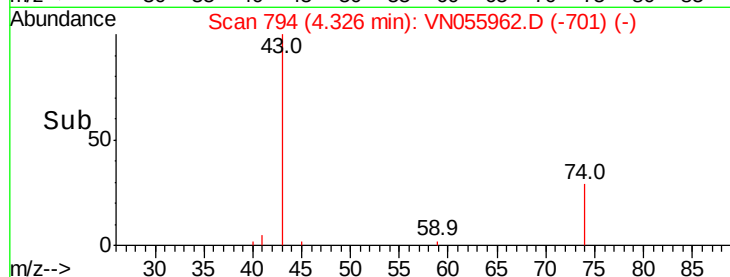
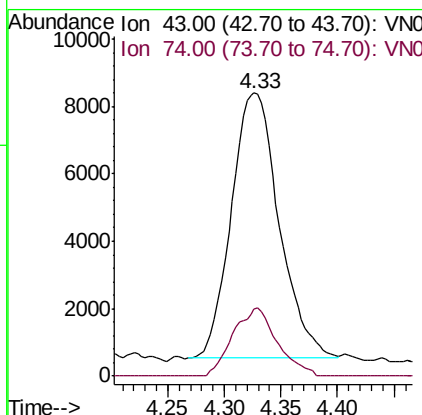
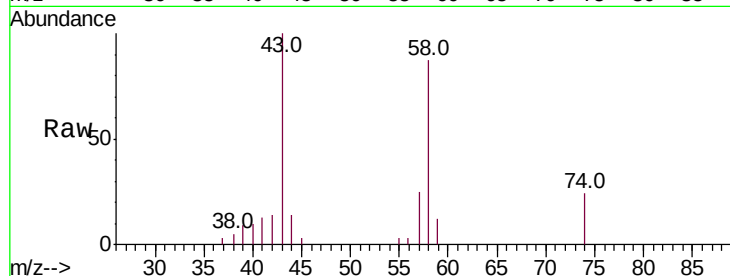




#18
Methvl Acetate
Concen: 5.258 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

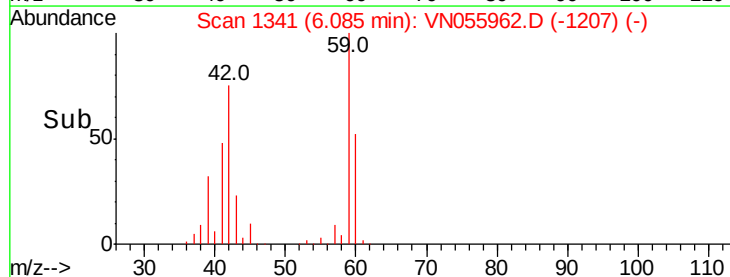
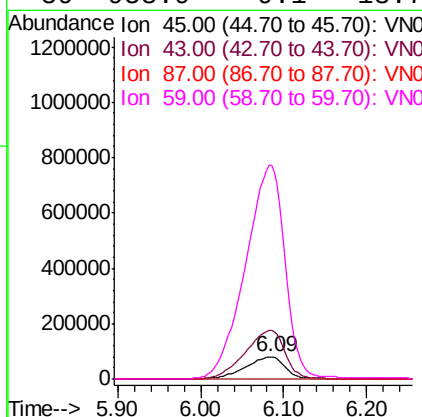
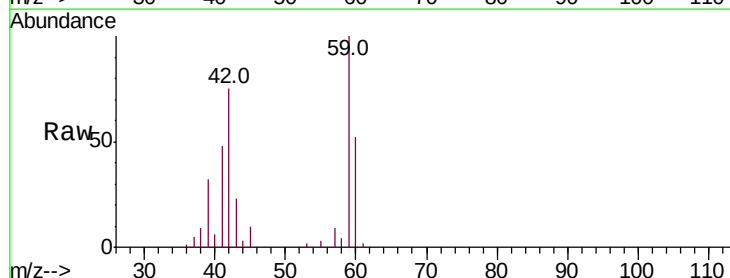
Instrument :
MSVOA_N
ClientSampled :

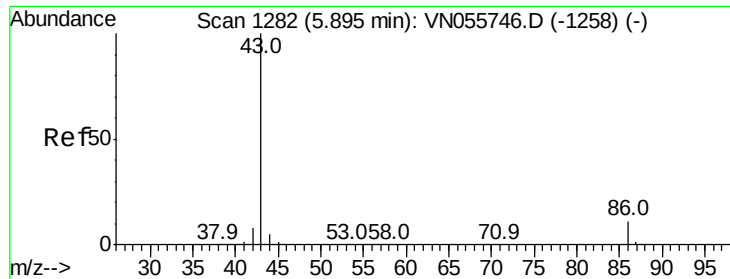
Tot Ion: 43 Resp: 23082
Ion Ratio Lower Upper
43 100
74 23.9 19.3 28.9



#22
Diisopropyl ether
Concen: 24.105 ug/l
RT: 6.09 min Scan# 1341
Delta R.T. 0.13 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

Tgt Ion: 45 Resp: 267588
Ion Ratio Lower Upper
45 100
43 216.7 45.0 67.6#
87 0.0 22.2 33.4#
59 953.9 9.1 13.7#





#23

Vinyl Acetate

Concen: 62.286 ug/l

RT: 6.09 min Scan# 1341

Delta R.T. 0.19 min

Lab File: VN055962.D

Acq: 3 Jun 2019 15:30

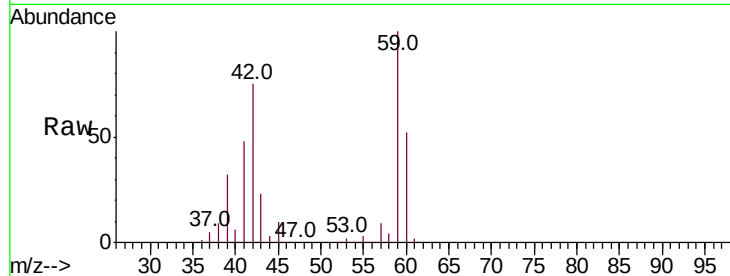
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 592831

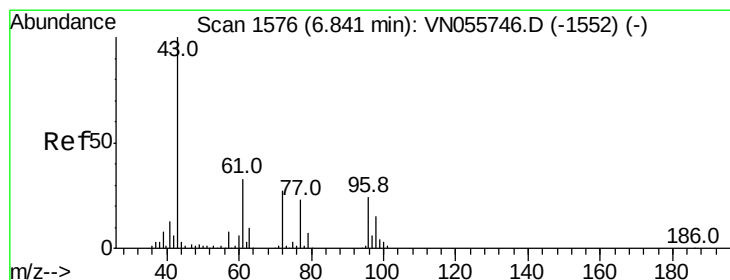
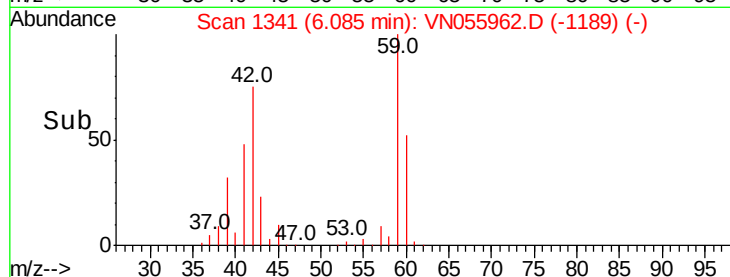
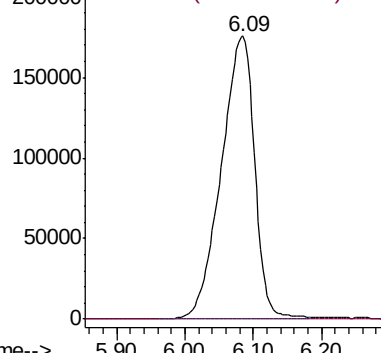
Ion Ratio Lower Upper

43 100

86 0.0 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 86.00 (85.70 to 86.70): VNO



#25

2-Butanone

Concen: 19.374 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VN055962.D

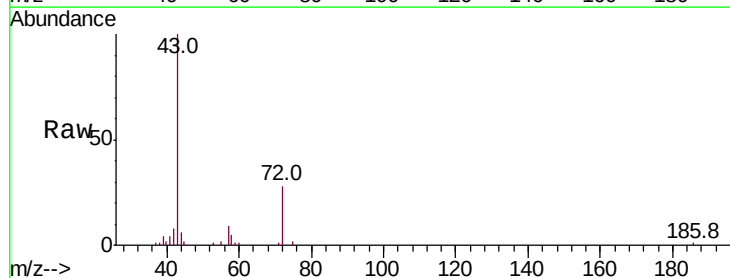
Acq: 3 Jun 2019 15:30

Tgt Ion: 43 Resp: 48086

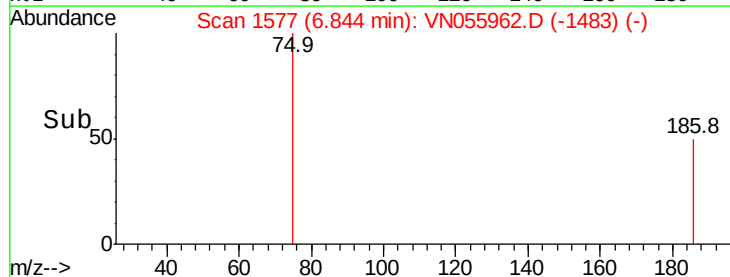
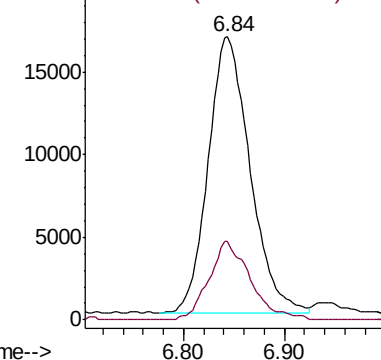
Ion Ratio Lower Upper

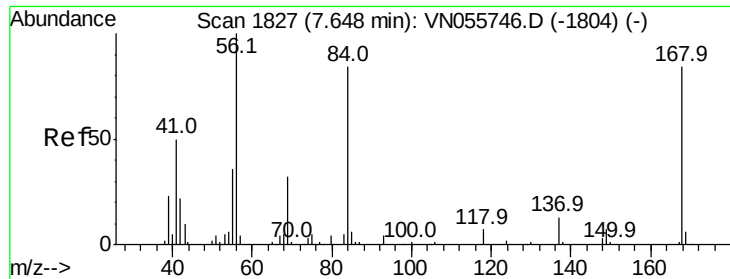
43 100

72 28.3 21.9 32.9



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

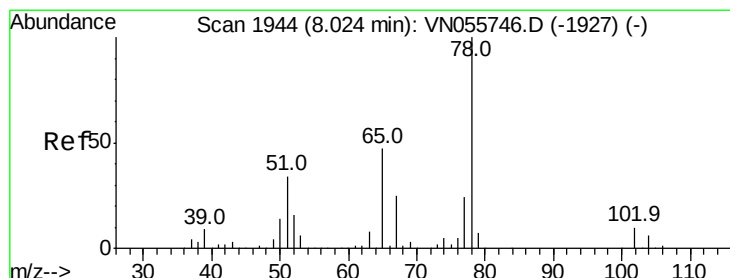
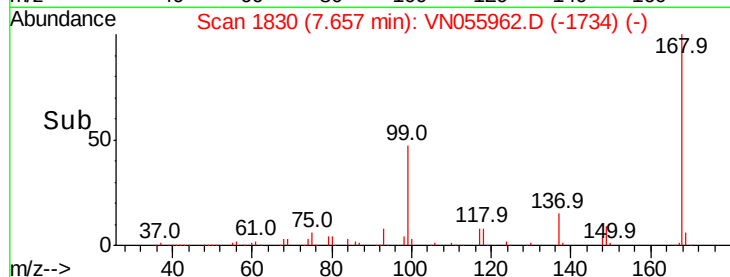
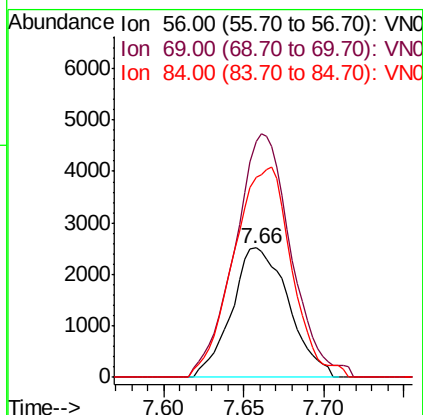
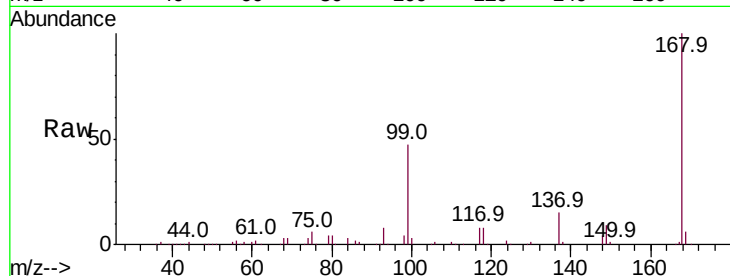




#31
Cyclohexane
Concen: 1.010 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

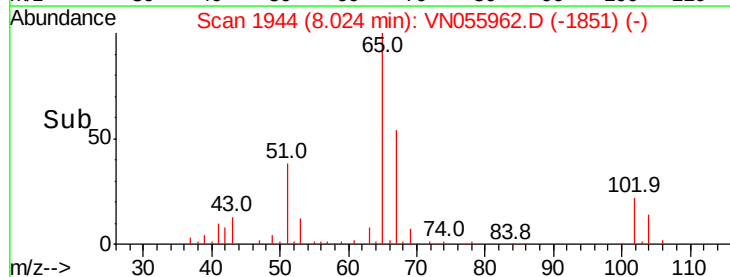
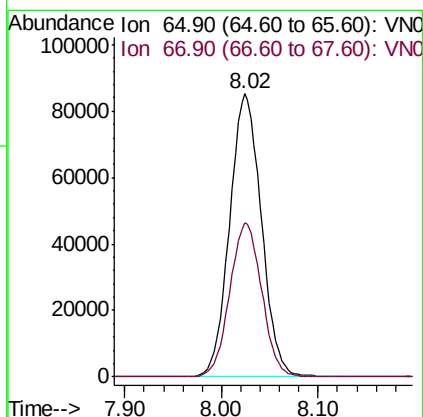
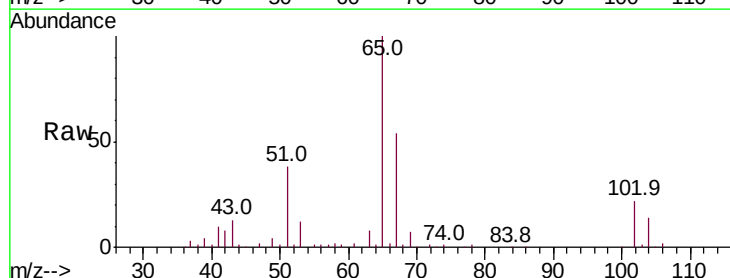
Instrument :
MSVOA_N
ClientSampled :

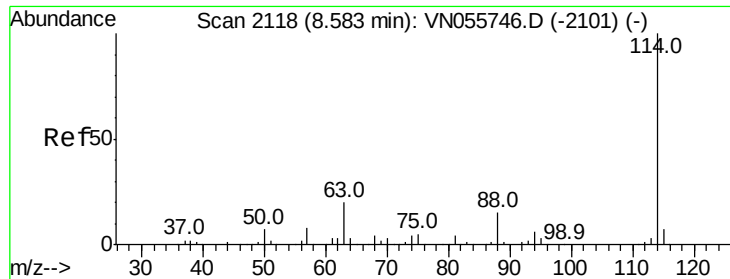
Tot Ion: 56 Resp: 6130
Ion Ratio Lower Upper
56 100
69 182.8 25.6 38.4#
84 154.7 67.4 101.0#



#33
1,2-Dichloroethane-d4
Concen: 48.036 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

Tgt Ion: 65 Resp: 194204
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.2

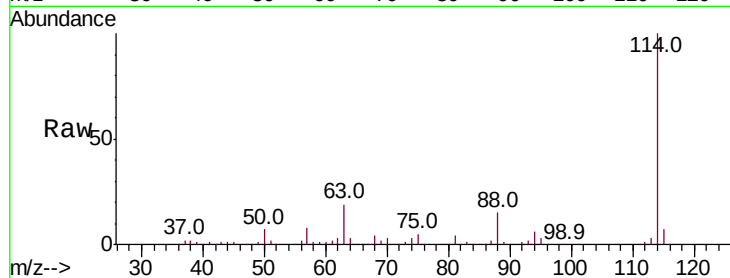




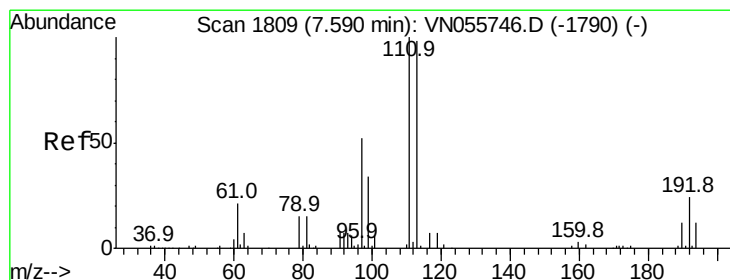
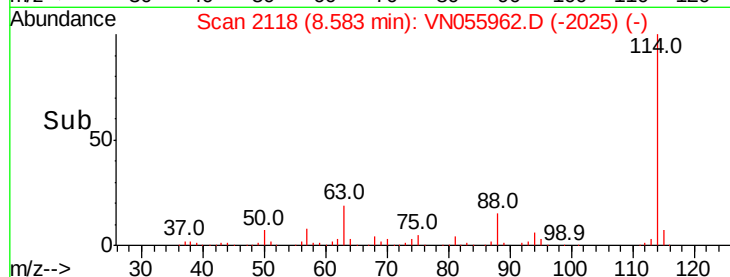
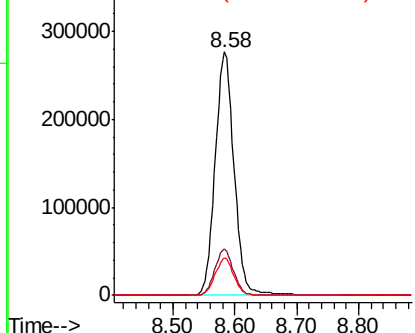
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055962.D
 Acq: 3 Jun 2019 15:30

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 588921
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 15.3 0.0 31.0

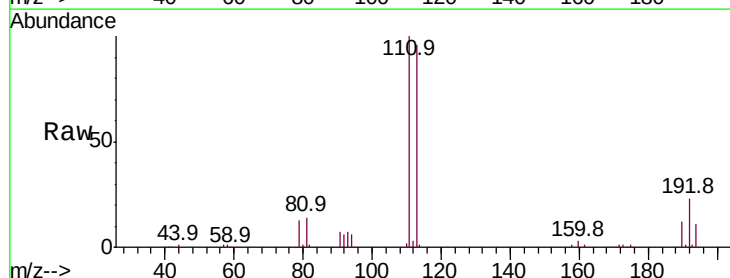


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

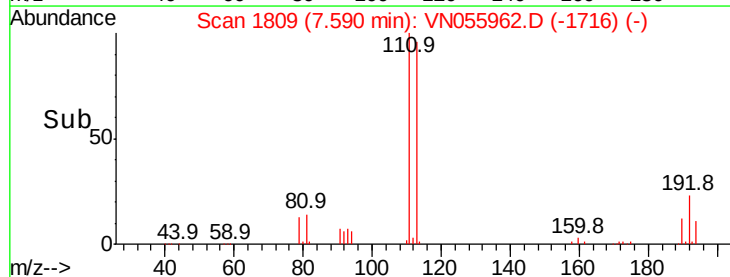
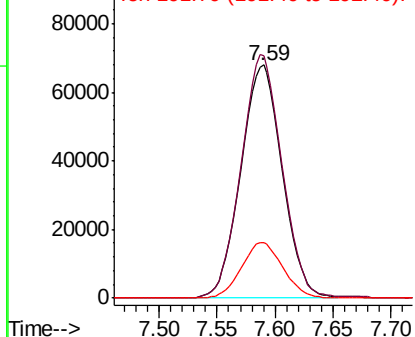


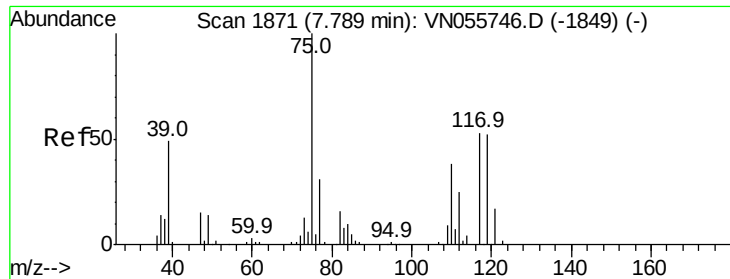
#35
 Dibromofluoromethane
 Concen: 45.404 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055962.D
 Acq: 3 Jun 2019 15:30

Tgt Ion:113 Resp: 169056
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.9 122.9
 192 23.8 19.5 29.3



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

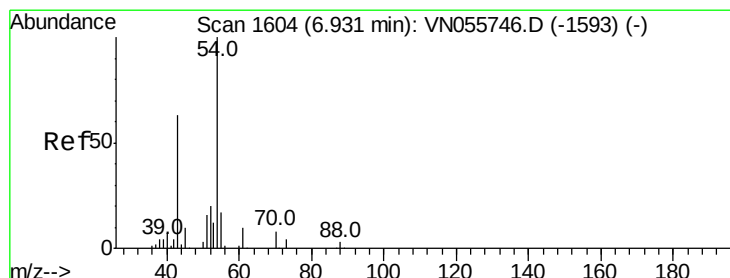
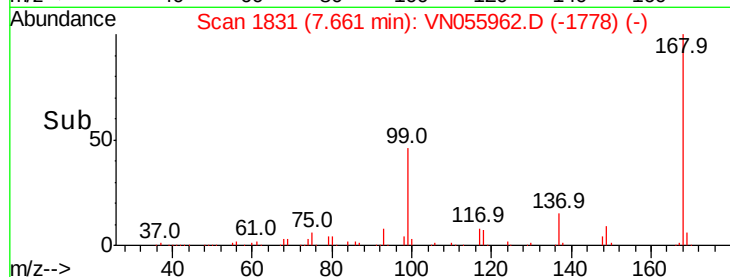
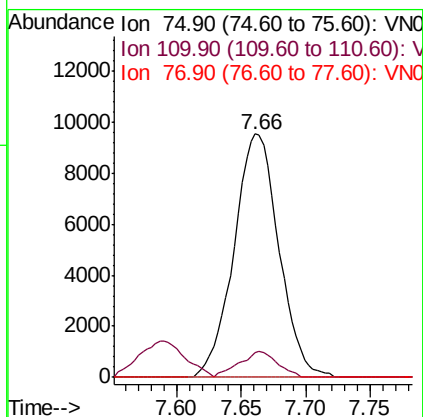
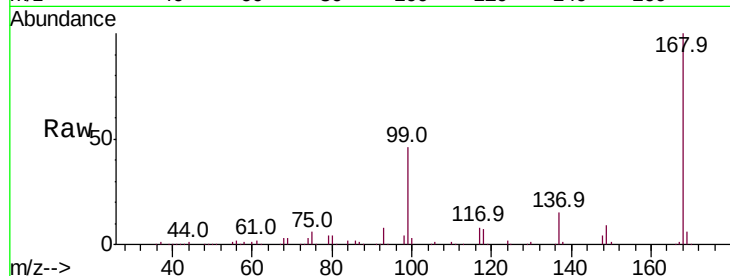




#36
 1,1-Dichloropropene
 Concen: 4.508 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN055962.D
 Acq: 3 Jun 2019 15:30

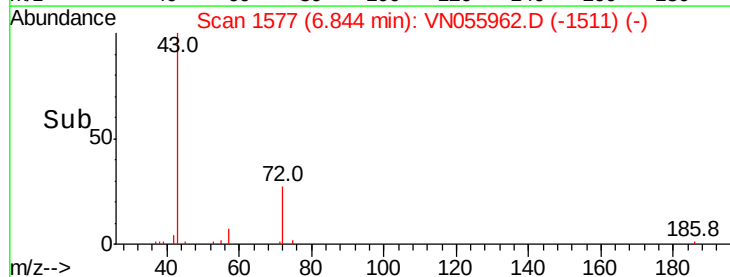
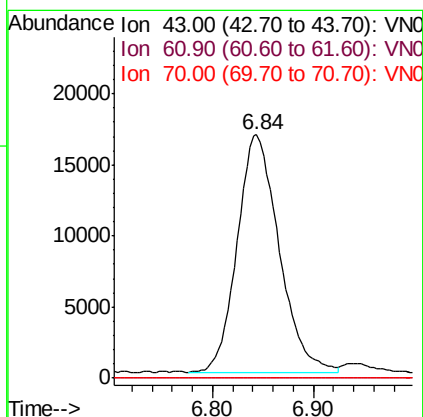
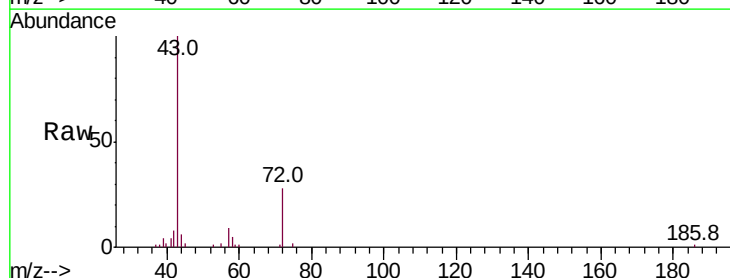
Instrument :
 MSVOA_N
 ClientSampled :

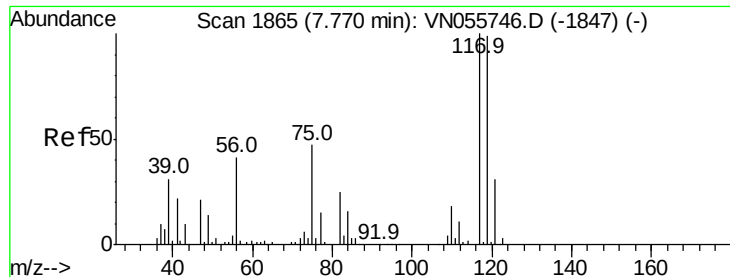
Tot Ion: 75 Resp: 23134
 Ion Ratio Lower Upper
 75 100
 110 9.1 19.0 57.0#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 9.694 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. -0.09 min
 Lab File: VN055962.D
 Acq: 3 Jun 2019 15:30

Tgt Ion: 43 Resp: 48086
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.2 18.2#
 70 0.0 8.9 13.3#

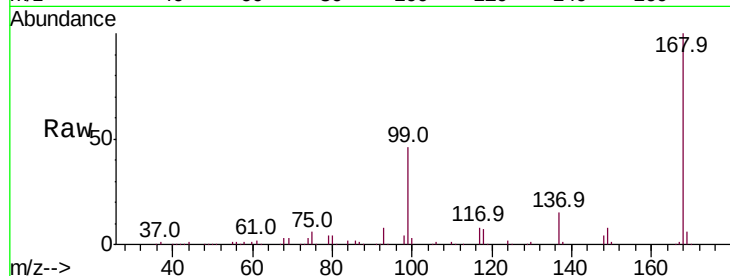




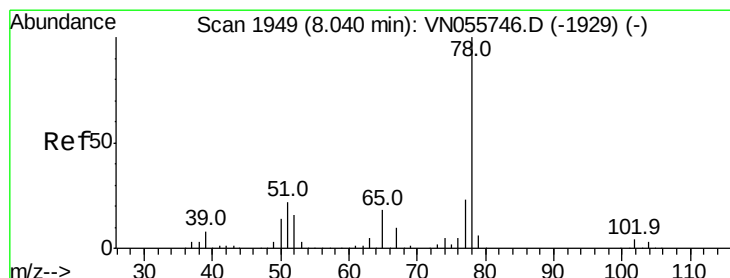
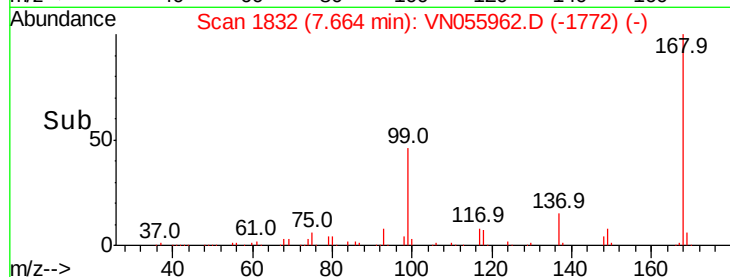
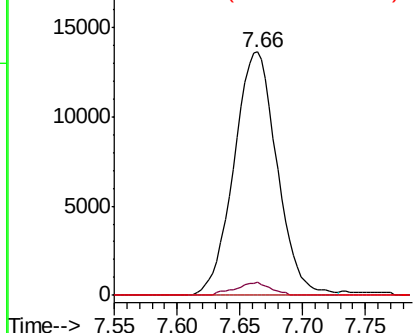
#38
Carbon Tetrachloride
Concen: 6.091 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 32564
Ion Ratio Lower Upper
117 100
119 5.2 79.0 118.6#
121 0.0 24.7 37.1#

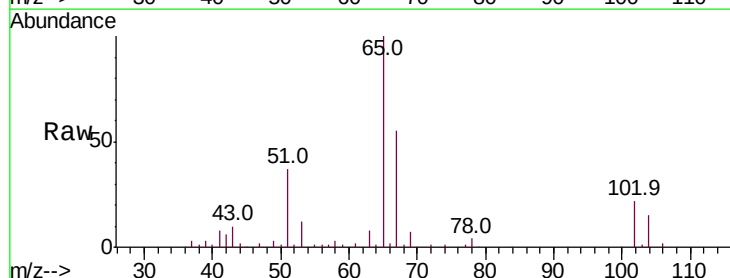


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

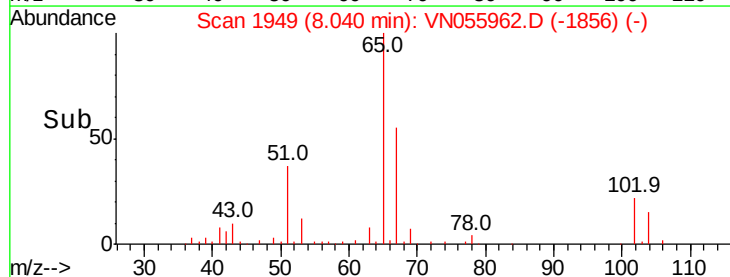
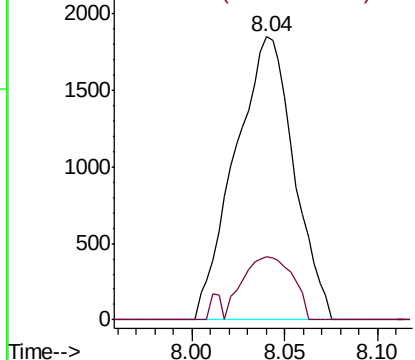


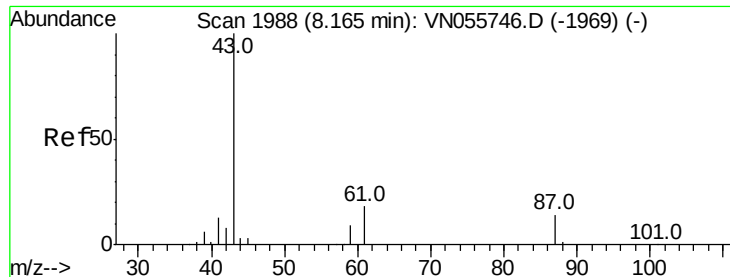
#40
Benzene
Concen: 0.263 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

Tgt Ion: 78 Resp: 4072
Ion Ratio Lower Upper
78 100
77 22.1 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): V
Ion 77.00 (76.70 to 77.70): V





#43

Isopropyl Acetate

Concen: 0.280 ug/l

RT: 8.28 min Scan# 2023

Delta R.T. 0.11 min

Lab File: VN055962.D

Acq: 3 Jun 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

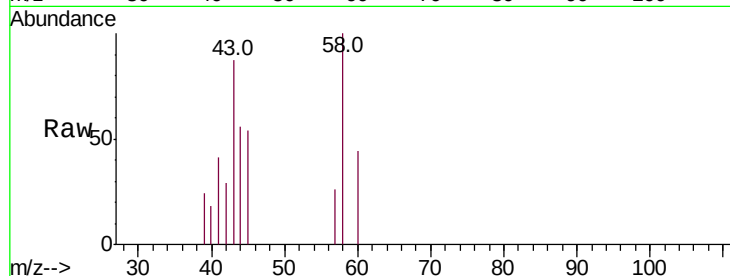
Tot Ion: 43 Resp: 2334

Ion Ratio Lower Upper

43 100

61 0.0 22.2 33.4#

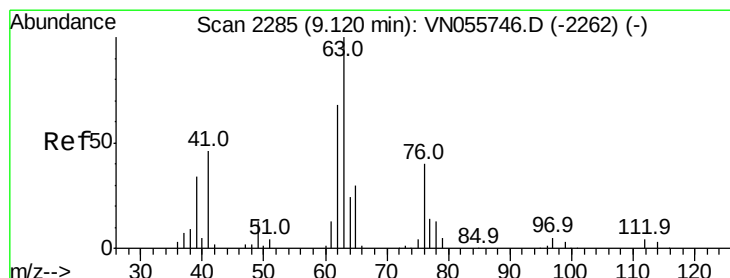
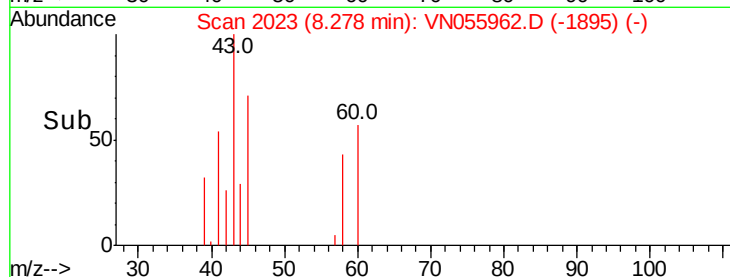
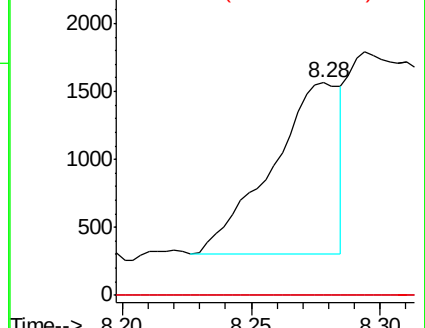
87 0.0 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.399 ug/l

RT: 9.13 min Scan# 2288

Delta R.T. 0.01 min

Lab File: VN055962.D

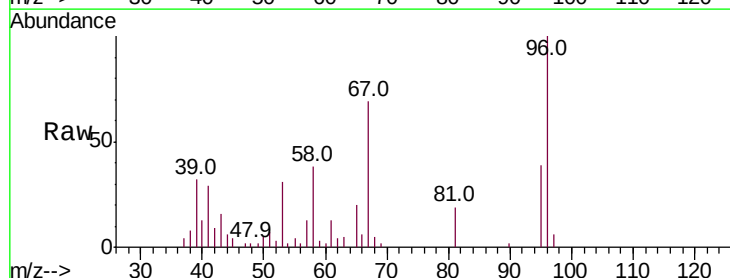
Acq: 3 Jun 2019 15:30

Tgt Ion: 63 Resp: 1607

Ion Ratio Lower Upper

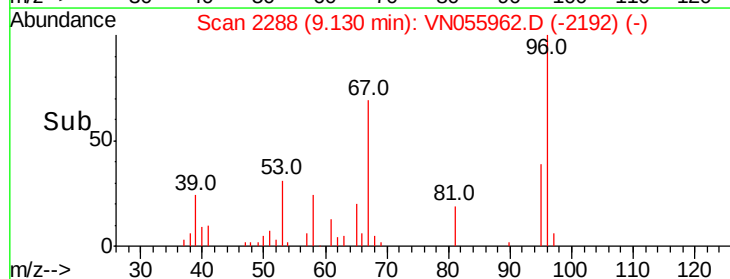
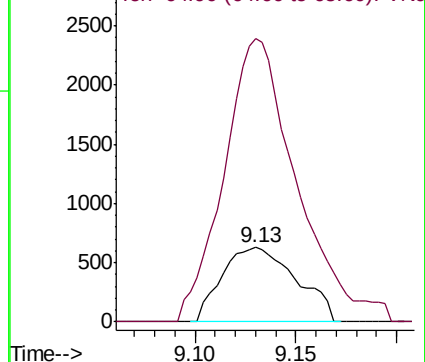
63 100

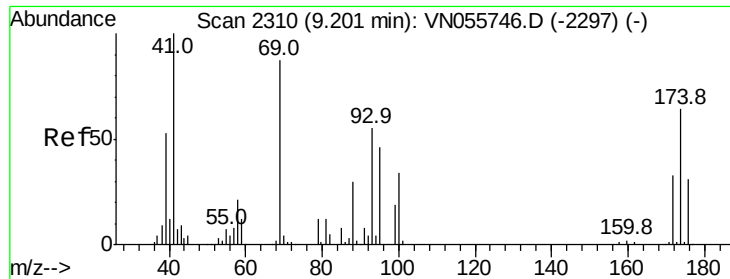
65 341.4 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

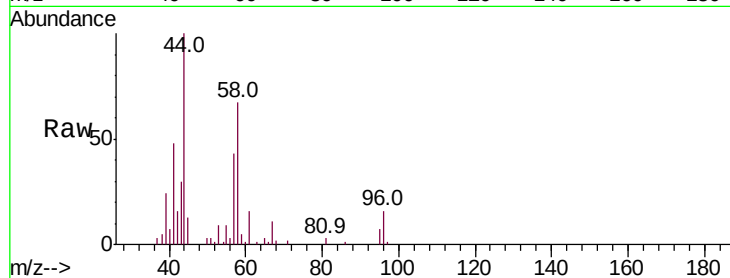




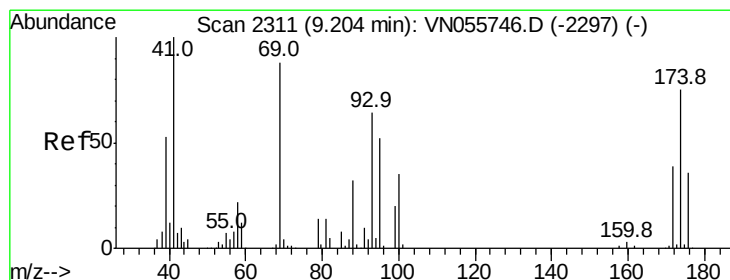
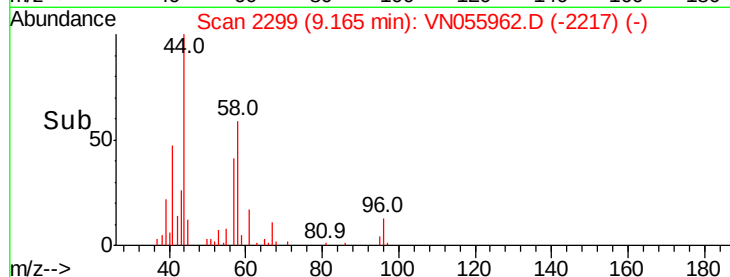
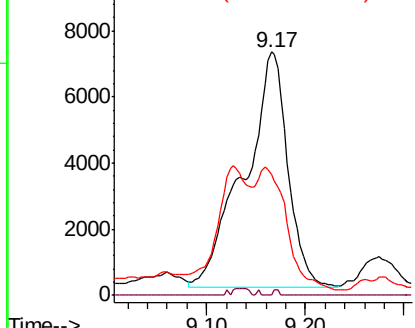
#48
Methvl methacrylate
Concen: 5.690 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.04 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 21857
Ion Ratio Lower Upper
41 100
69 0.3 71.0 106.6#
39 0.0 44.2 66.2#

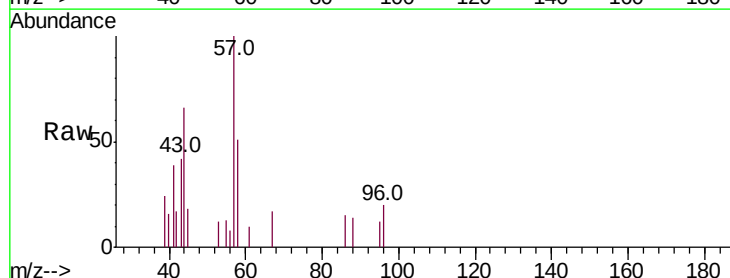


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

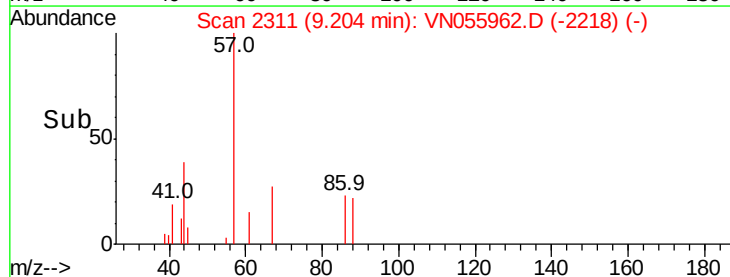
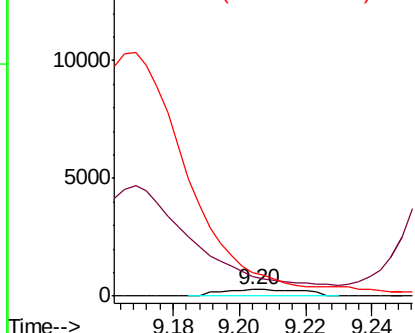


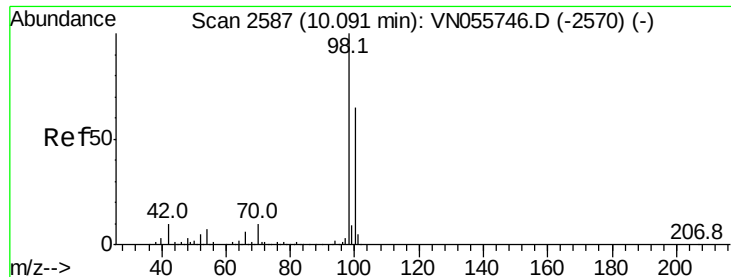
#49
1,4-Dioxane
Concen: 6.139 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

Tgt Ion: 88 Resp: 490
Ion Ratio Lower Upper
88 100
43 0.0 20.5 30.7#
58 0.0 55.8 83.6#



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

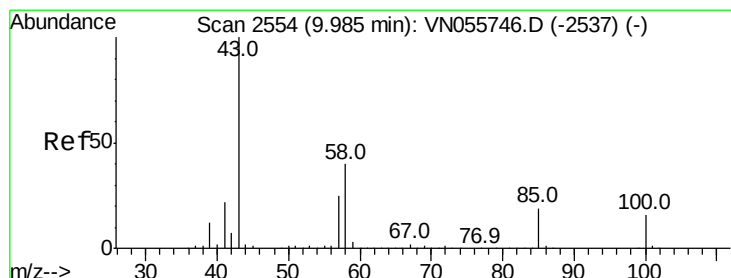
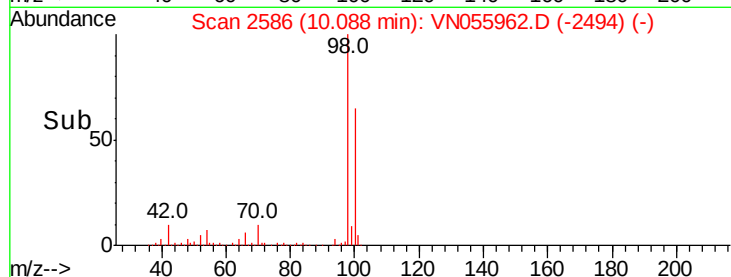
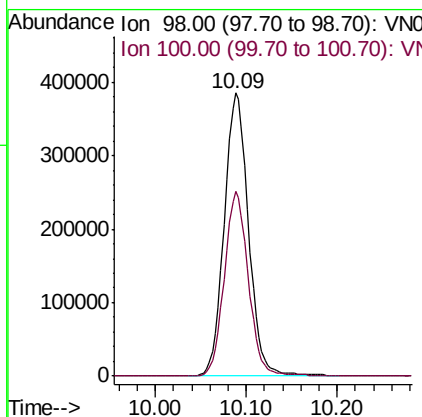
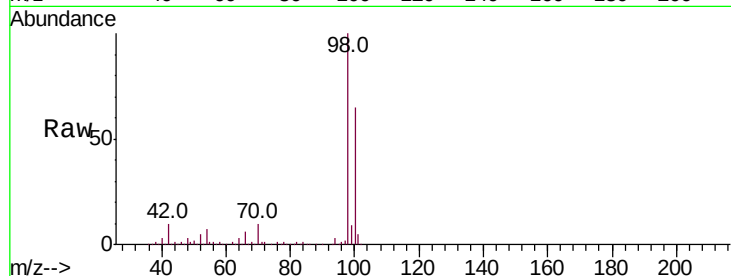




#50
Toluene-d8
Concen: 50.191 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

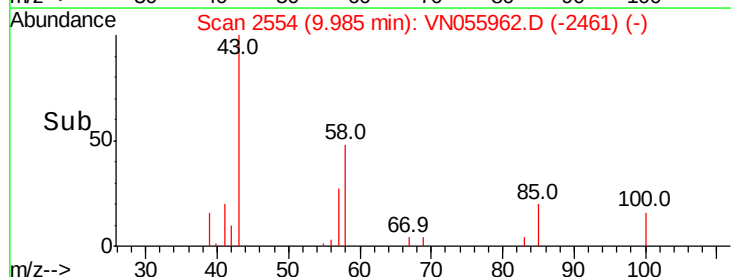
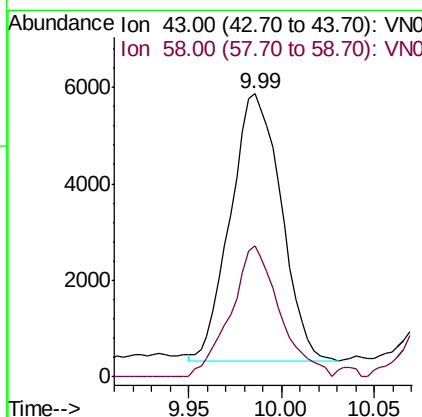
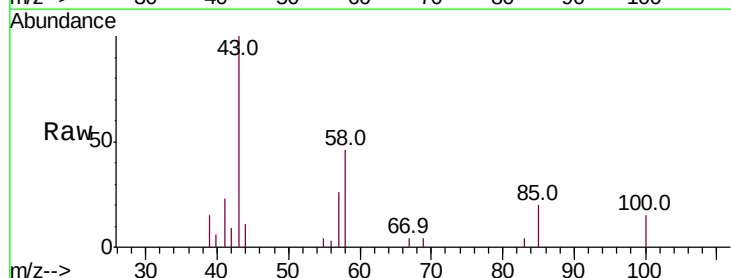
Instrument :
MSVOA_N
ClientSampled :

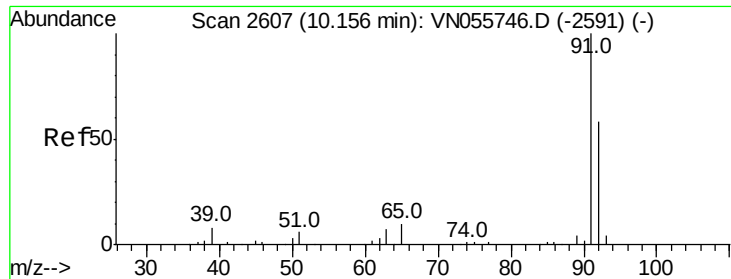
Tot Ion: 98 Resp: 716849
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 2.133 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

Tgt Ion: 43 Resp: 10500
Ion Ratio Lower Upper
43 100
58 47.5 32.1 48.1





#52

Toluene

Concen: 1.171 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055962.D

Acq: 3 Jun 2019 15:30

Instrument :

MSVOA_N

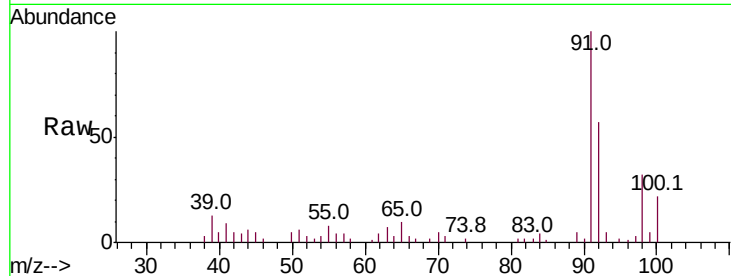
ClientSampleId :

Tot Ion: 92 Resp: 11388

Ion Ratio Lower Upper

92 100

91 176.1 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055746.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN055746.D (-2591) (-)

12000

10000

8000

6000

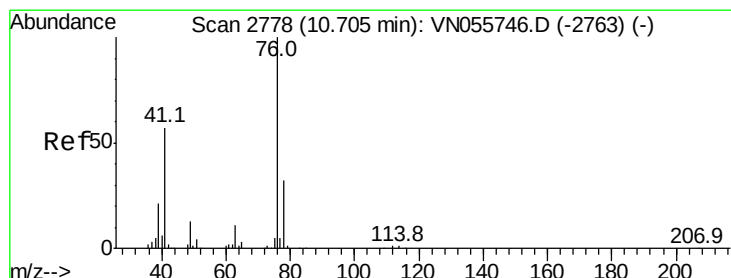
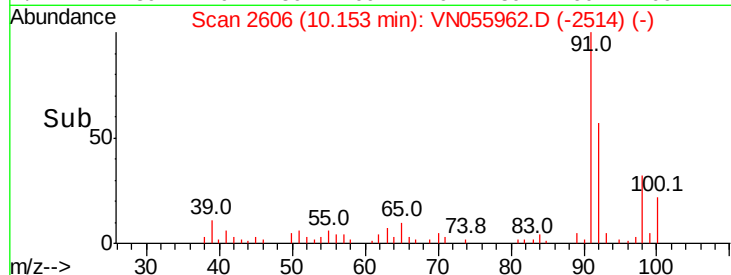
4000

2000

0

10.10 10.15 10.20

Time-->



#57

1,3-Dichloropropane

Concen: 0.774 ug/l

RT: 10.82 min Scan# 2814

Delta R.T. 0.12 min

Lab File: VN055962.D

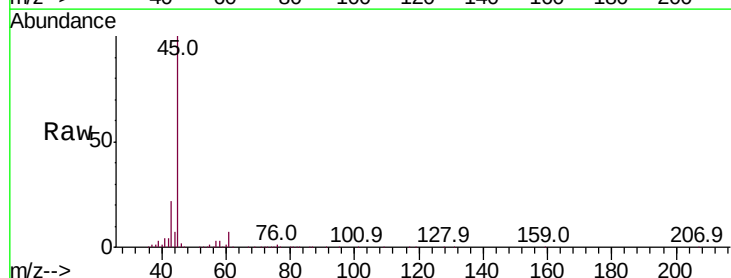
Acq: 3 Jun 2019 15:30

Tgt Ion: 76 Resp: 4904

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VN055746.D (-2763) (-)

Ion 77.90 (77.60 to 78.60): VN055746.D (-2763) (-)

2000

1500

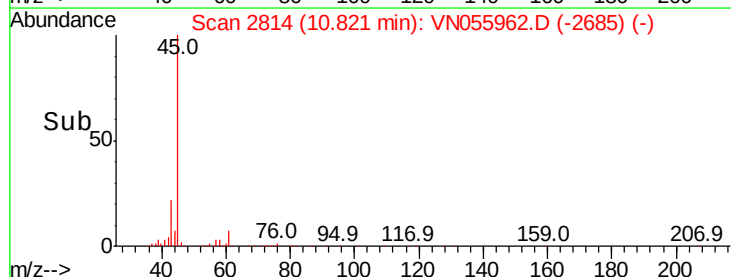
1000

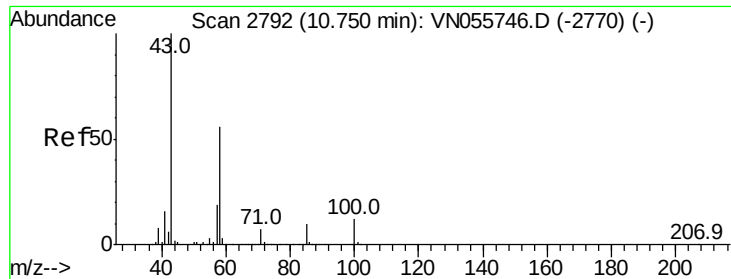
500

0

10.75 10.80 10.85

Time-->

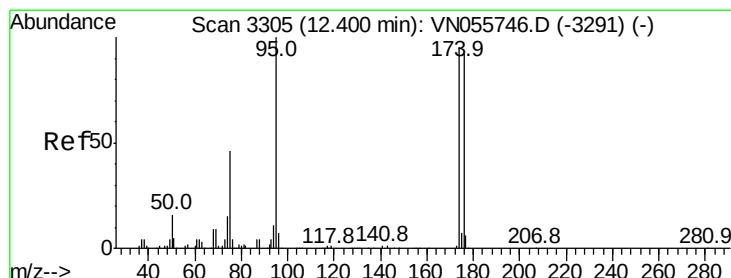
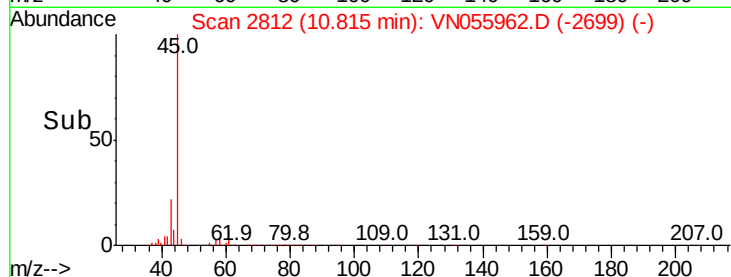
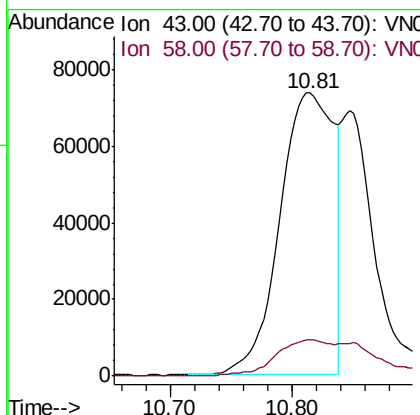
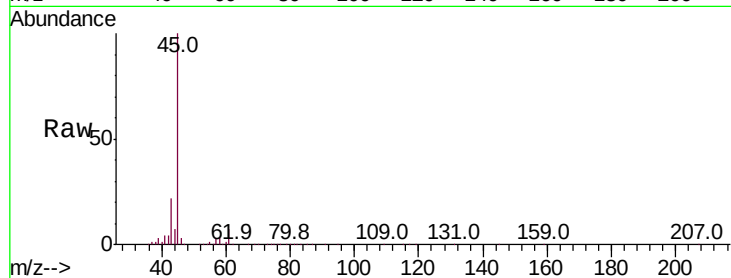




#59
2-Hexanone
Concen: 64.990 ug/l
RT: 10.81 min Scan# 2812
Delta R.T. 0.06 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

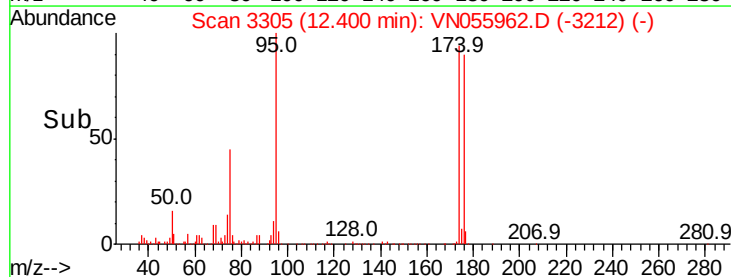
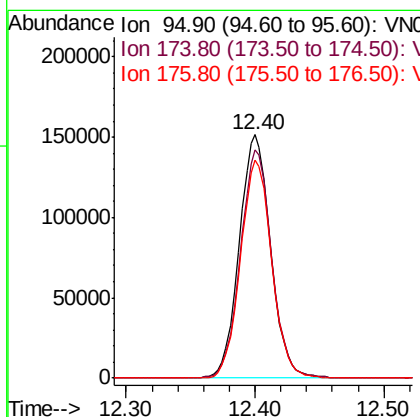
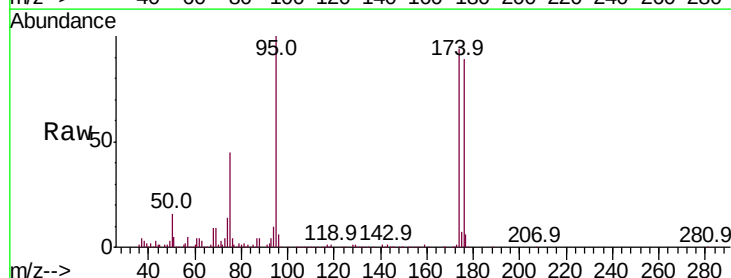
Instrument :
MSVOA_N
ClientSampleId :

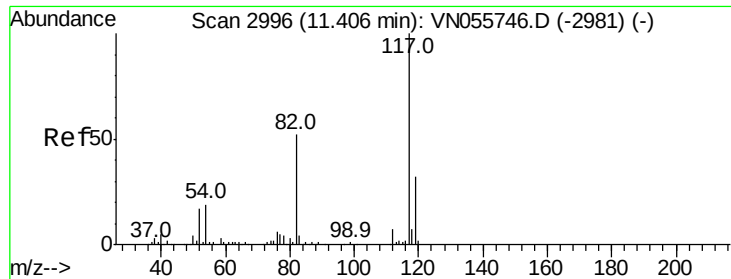
Tot Ion: 43 Resp: 226932
Ion Ratio Lower Upper
43 100
58 13.1 28.2 84.7#



#62
4-Bromofluorobenzene
Concen: 51.840 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

Tgt Ion: 95 Resp: 253874
Ion Ratio Lower Upper
95 100
174 93.2 0.0 191.0
176 89.8 0.0 185.2

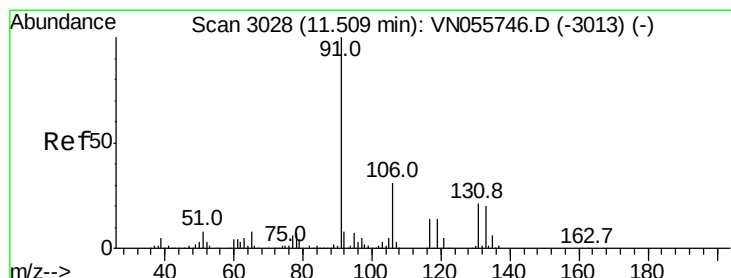
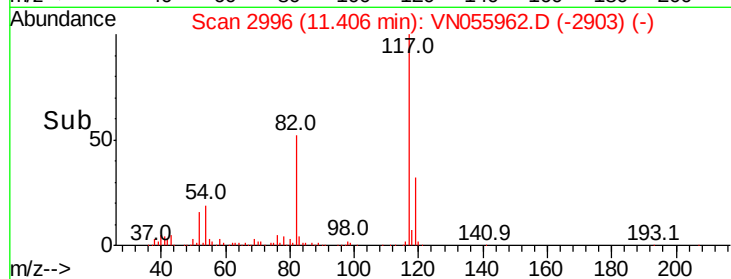
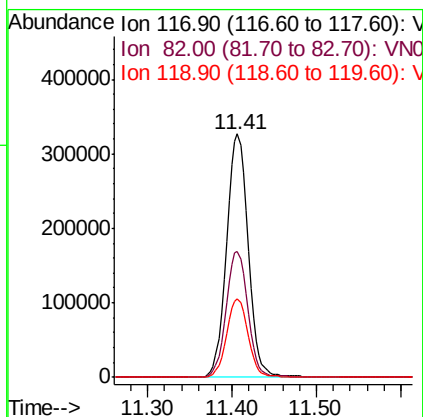
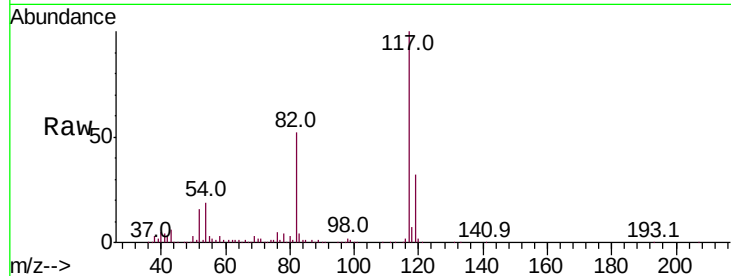




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

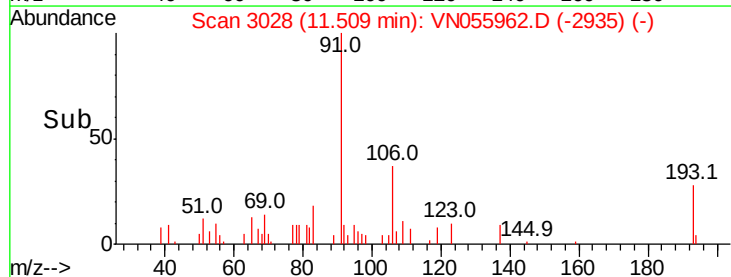
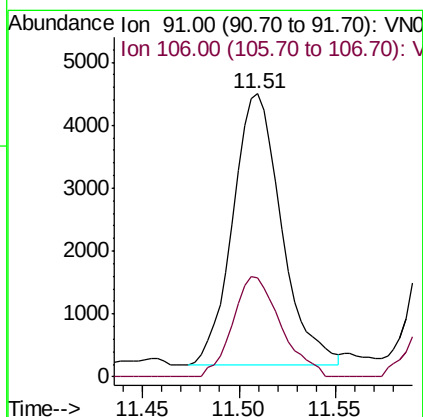
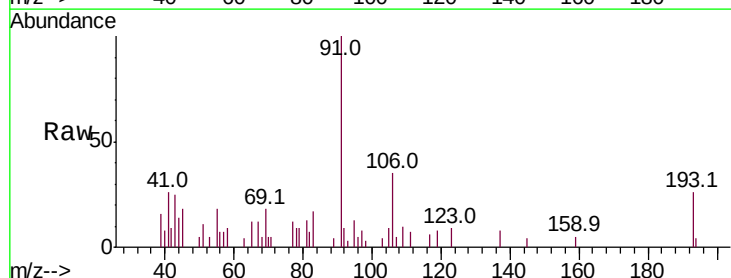
Instrument :
MSVOA_N
ClientSampled :

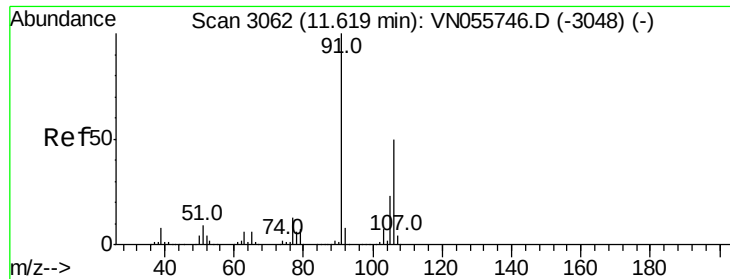
Tot Ion:117 Resp: 581519
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.8
119 32.1 25.4 38.0



#67
Ethyl Benzene
Concen: 0.363 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

Tgt Ion: 91 Resp: 7578
Ion Ratio Lower Upper
91 100
106 36.3 25.1 37.7

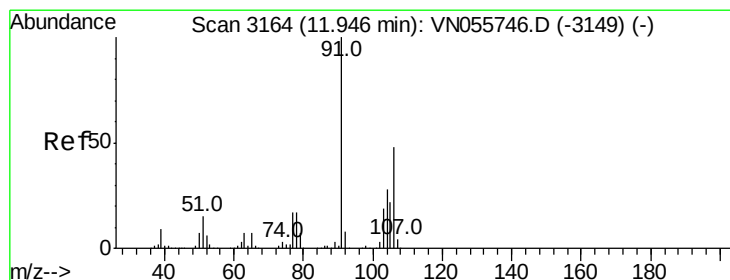
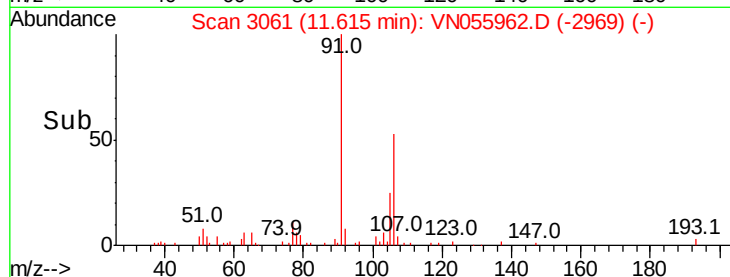
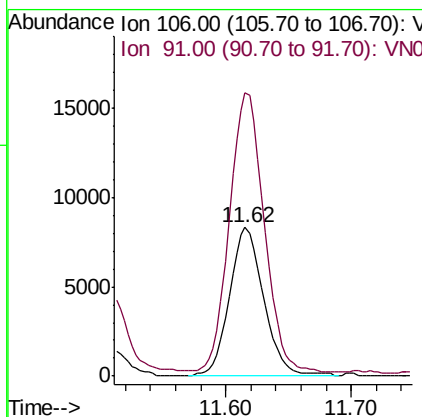
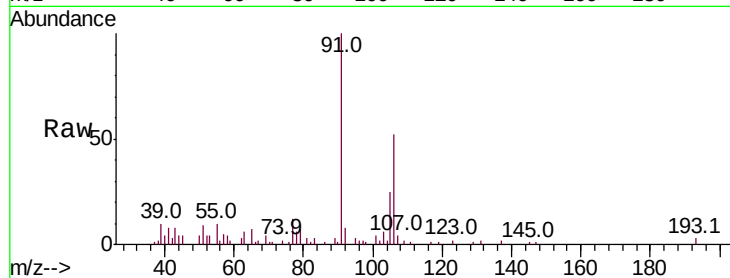




#68
m/p-Xylenes
Concen: 2.005 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

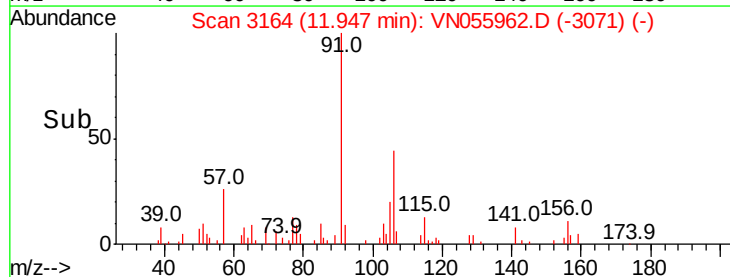
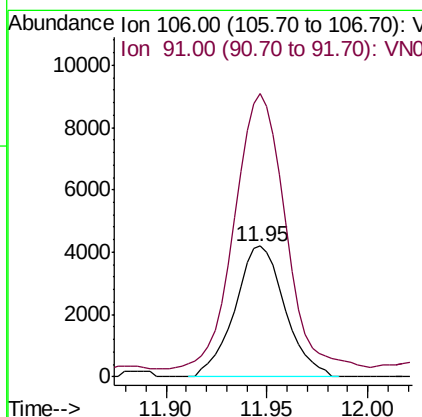
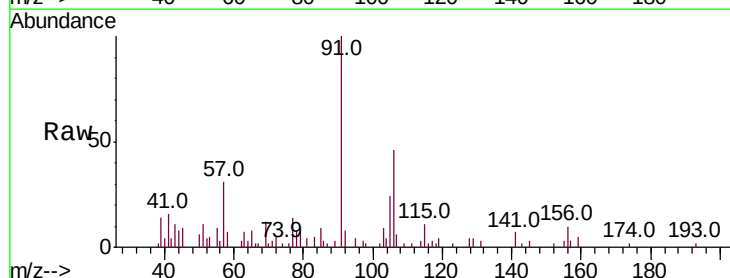
Instrument :
MSVOA_N
ClientSampleId :

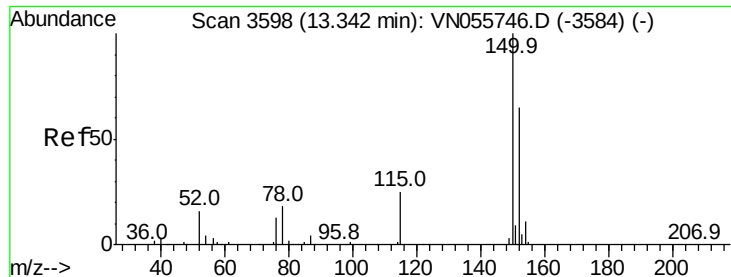
Tot Ion:106 Resp: 15826
Ion Ratio Lower Upper
106 100
91 189.6 159.3 238.9



#69
o-Xylene
Concen: 0.930 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

Tgt Ion:106 Resp: 7285
Ion Ratio Lower Upper
106 100
91 213.9 104.7 314.1

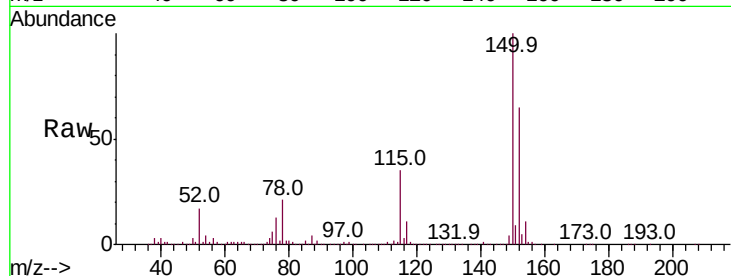




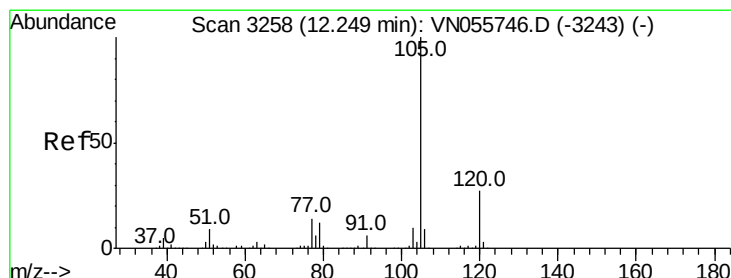
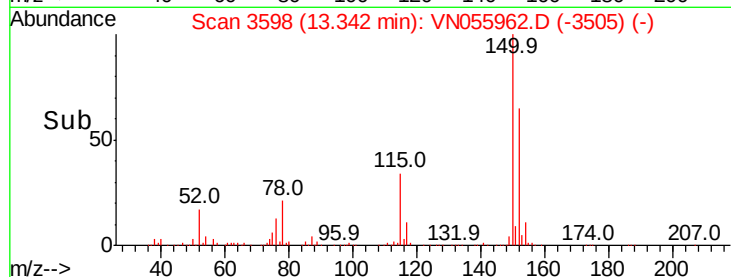
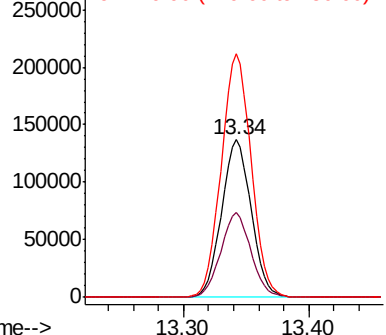
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN055962.D
 Acq: 3 Jun 2019 15:30

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:152 Resp: 225594
 Ion Ratio Lower Upper
 152 100
 115 54.2 27.0 81.0
 150 155.7 0.0 343.2

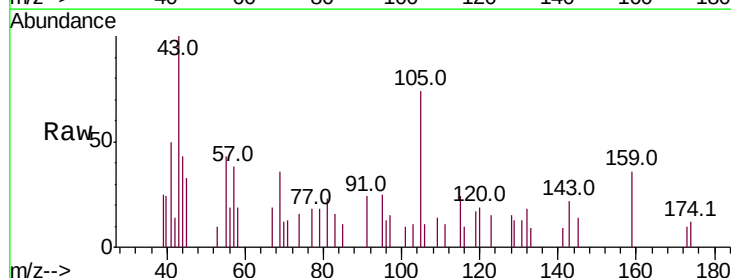


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

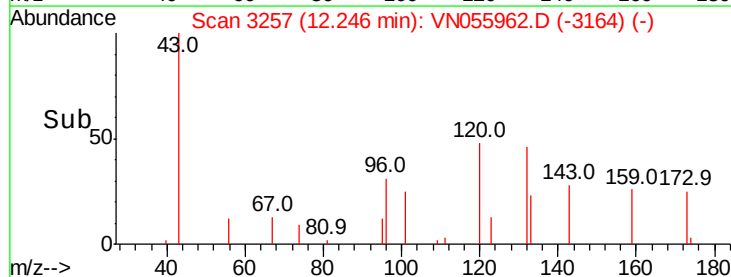
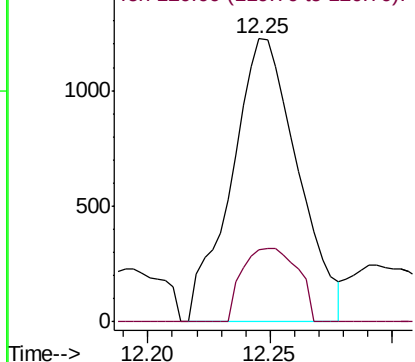


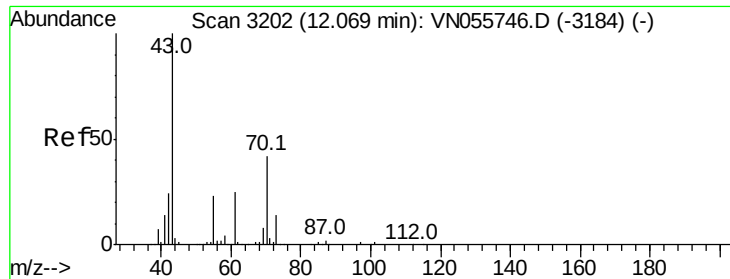
#73
 Isopropylbenzene
 Concen: Below Cal
 RT: 12.25 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: VN055962.D
 Acq: 3 Jun 2019 15:30

Tgt Ion:105 Resp: 2307
 Ion Ratio Lower Upper
 105 100
 120 21.8 13.6 40.7



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





#74

N-amvl acetate

Concen: 0.245 ug/l

RT: 11.99 min Scan# 3178

Delta R.T. -0.08 min

Lab File: VN055962.D

Acq: 3 Jun 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 15347

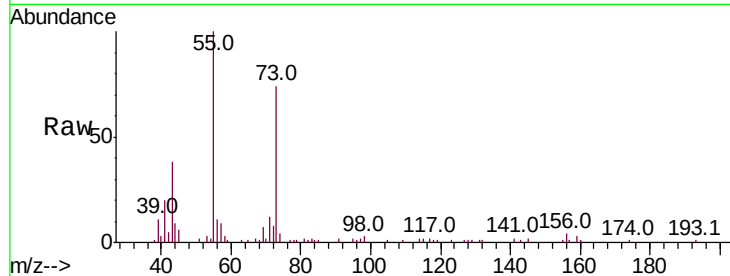
Ion Ratio Lower Upper

43 100

70 6.9 34.0 51.0#

55 225.1 18.6 28.0#

61 0.0 20.0 30.0#

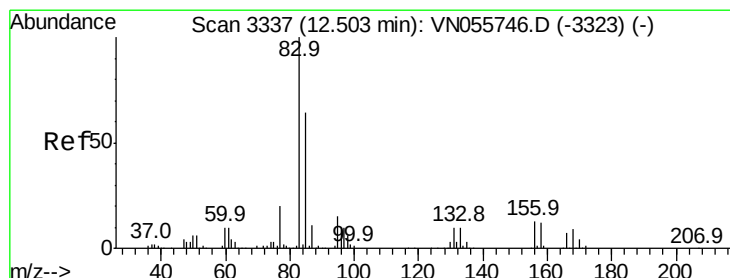
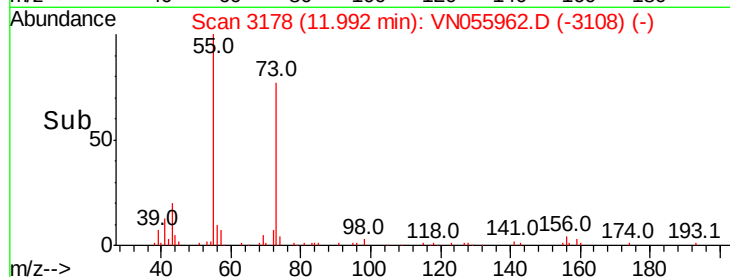
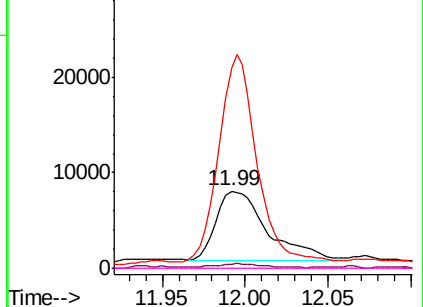


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 47.049 ug/l

RT: 12.36 min Scan# 3294

Delta R.T. -0.14 min

Lab File: VN055962.D

Acq: 3 Jun 2019 15:30

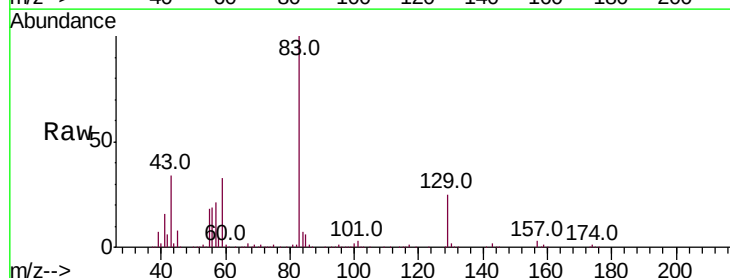
Tgt Ion: 83 Resp: 224542

Ion Ratio Lower Upper

83 100

131 0.3 5.4 16.2#

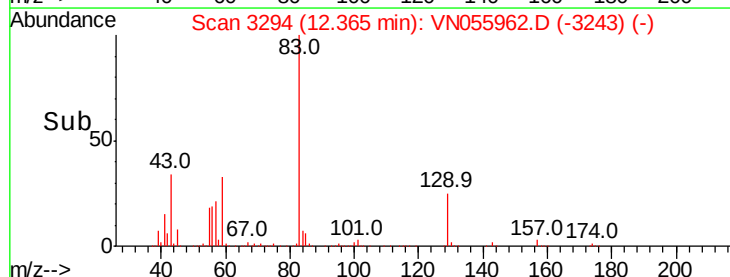
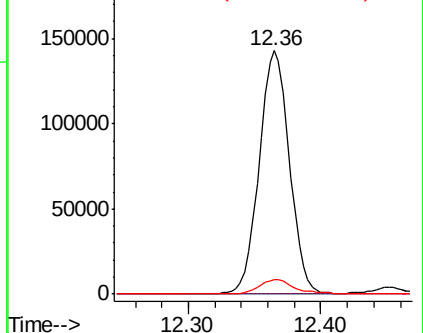
85 7.1 32.4 97.0#

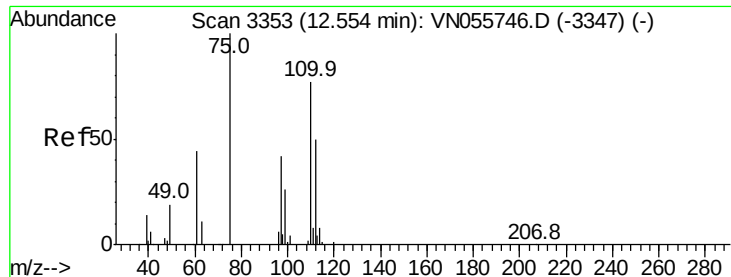


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 28.429 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055962.D

Acq: 3 Jun 2019 15:30

Instrument :

MSVOA_N

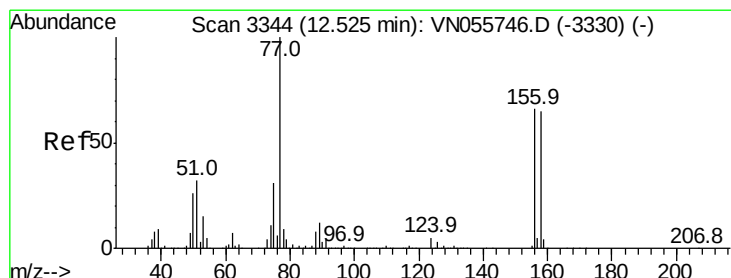
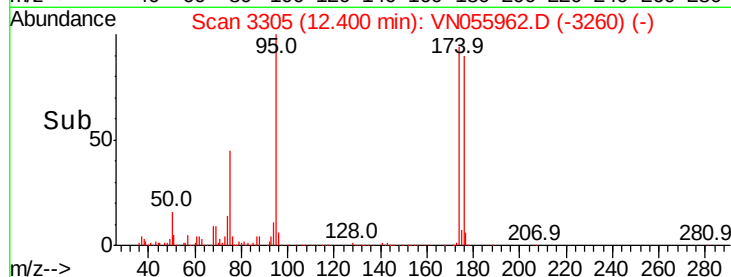
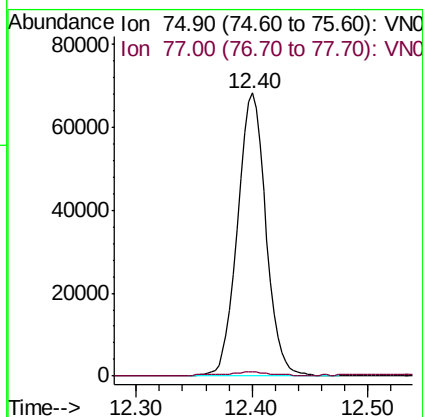
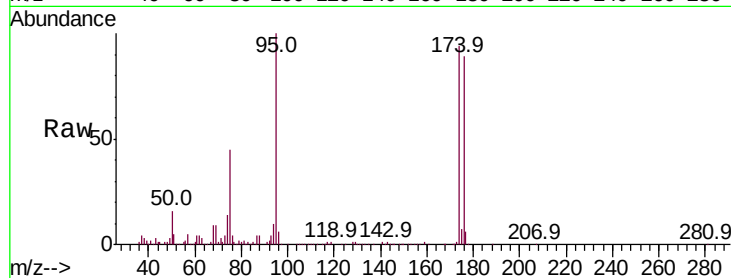
ClientSampleId :

Tot Ion: 75 Resp: 115710

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#77

Bromobenzene

Concen: 2.428 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.01 min

Lab File: VN055962.D

Acq: 3 Jun 2019 15:30

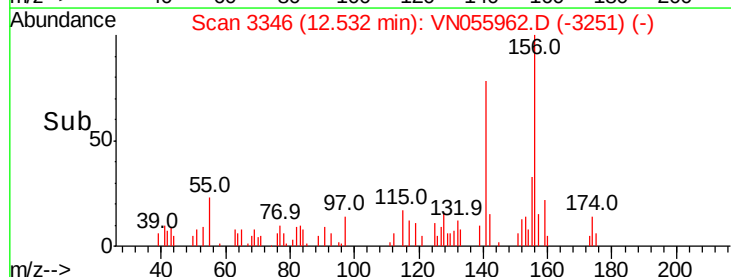
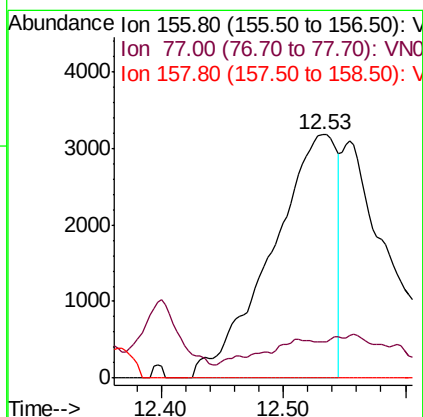
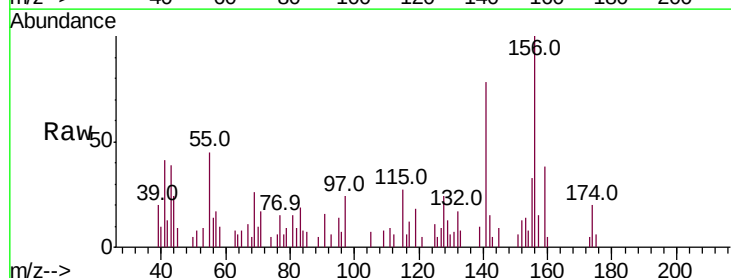
Tgt Ion: 156 Resp: 11687

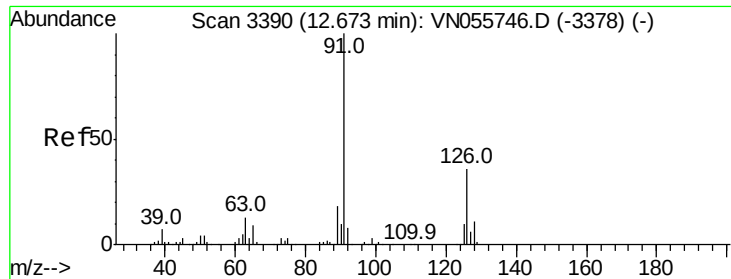
Ion Ratio Lower Upper

156 100

77 0.0 90.8 272.5#

158 0.0 49.3 147.8#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN055962.D

Acq: 3 Jun 2019 15:30

Instrument :

MSVOA_N

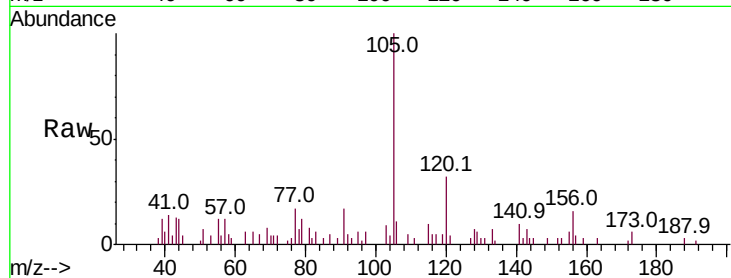
ClientSampled :

Tot Ion: 91 Resp: 1472

Ion Ratio Lower Upper

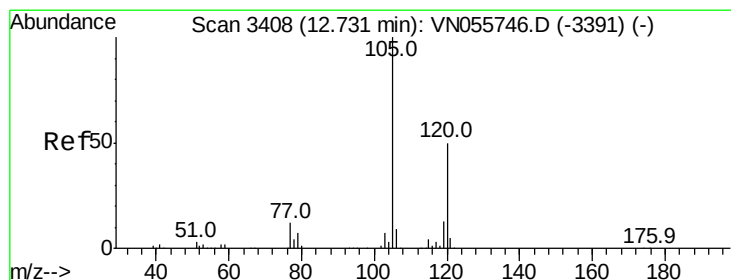
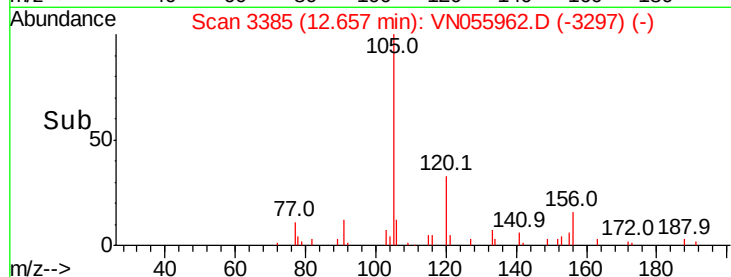
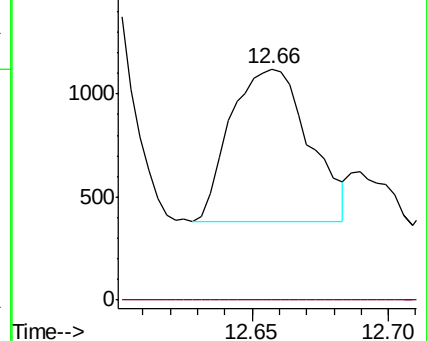
91 100

126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN055746.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN055746.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055962.D

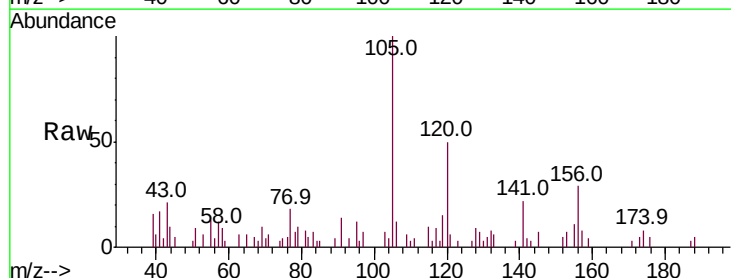
Acq: 3 Jun 2019 15:30

Tgt Ion: 105 Resp: 10391

Ion Ratio Lower Upper

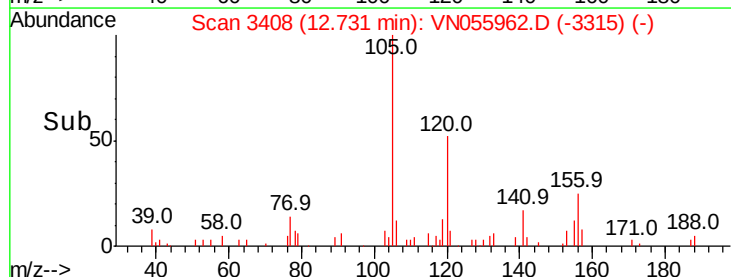
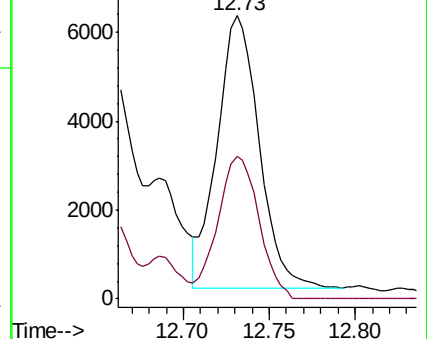
105 100

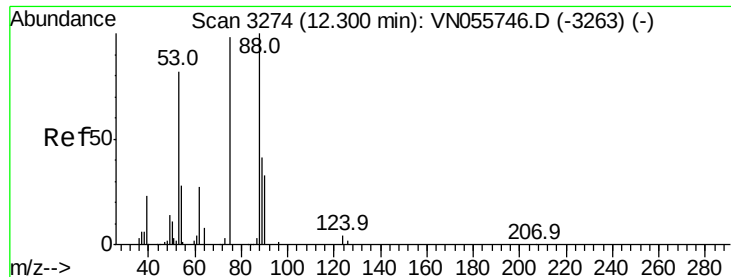
120 51.5 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055746.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN055746.D (-3391) (-)

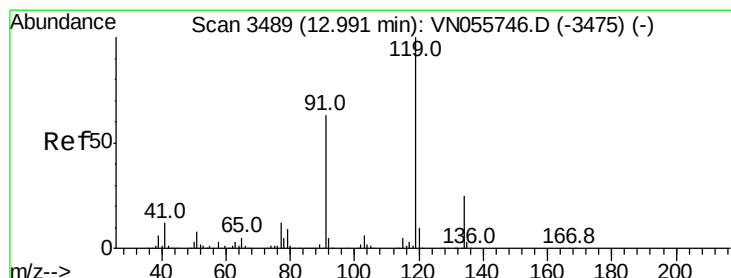
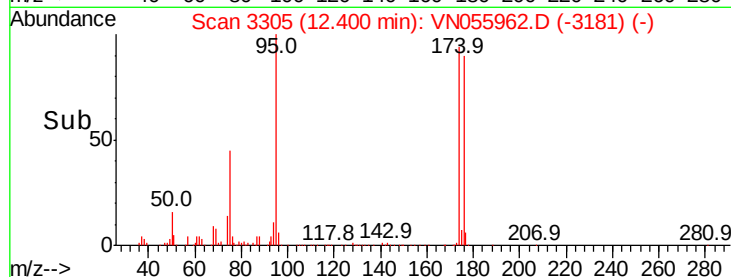
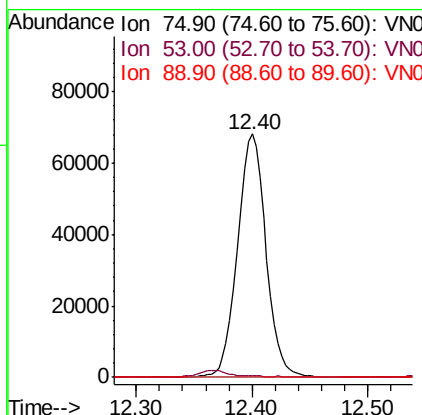
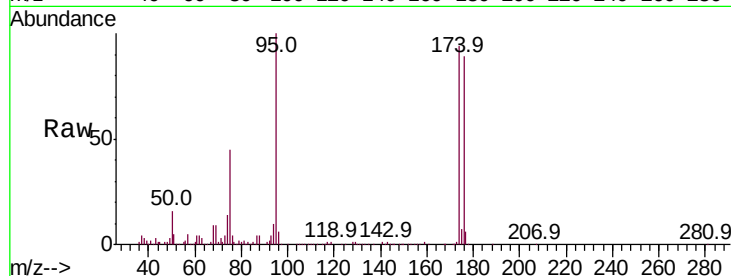




#81
trans-1,4-Dichloro-2-butene
Concen: 69.011 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

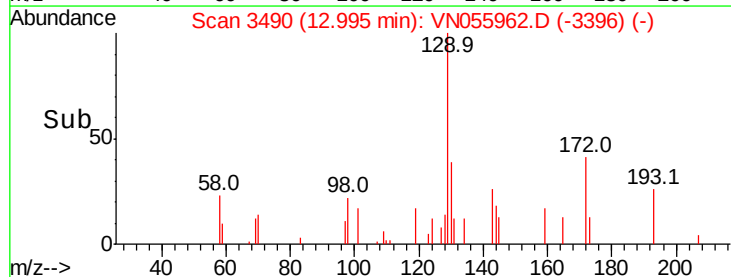
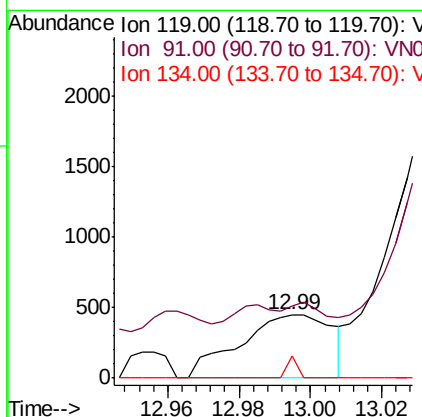
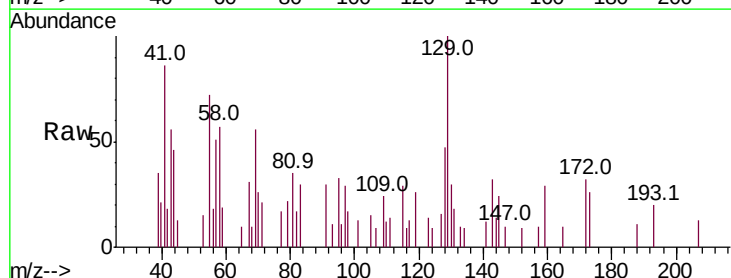
Instrument :
MSVOA_N
ClientSampleId :

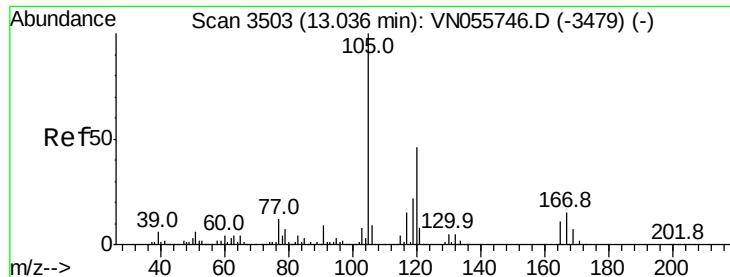
Tot Ion: 75 Resp: 115710
Ion Ratio Lower Upper
75 100
53 0.0 68.1 102.1#
89 0.0 36.9 55.3#



#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

Tgt Ion: 119 Resp: 809
Ion Ratio Lower Upper
119 100
91 12.6 30.9 92.8#
134 3.7 13.3 39.8#

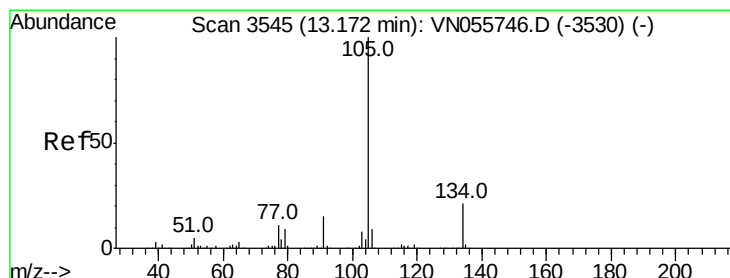
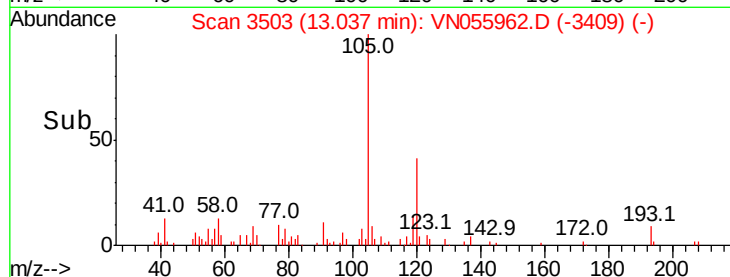
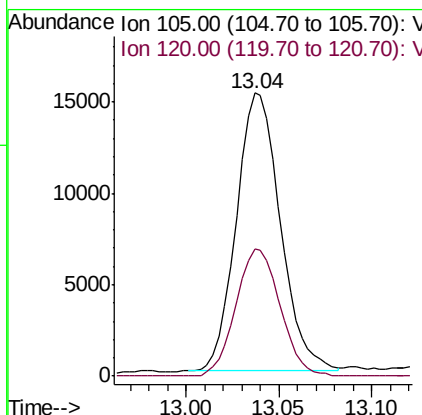
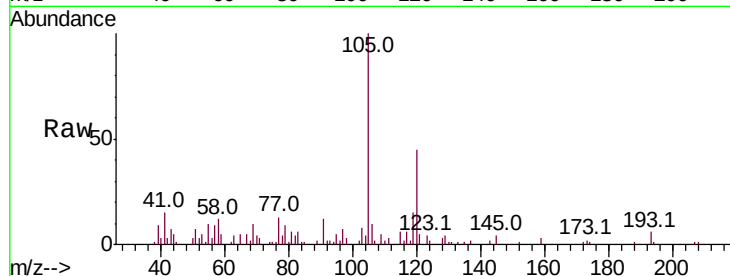




#84
1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

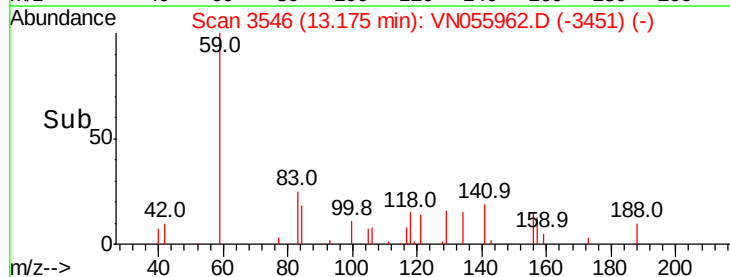
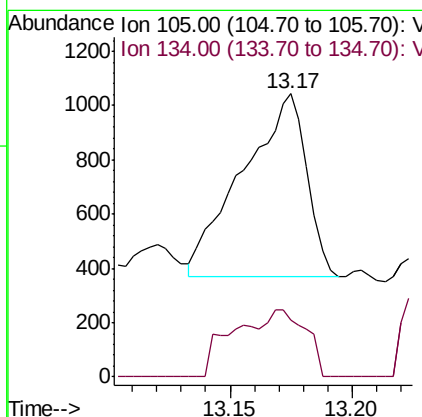
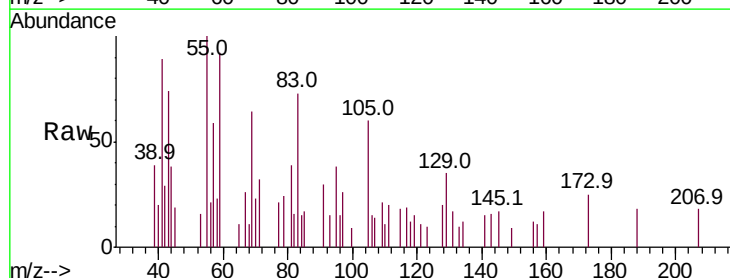
Instrument :
MSVOA_N
ClientSampleId :

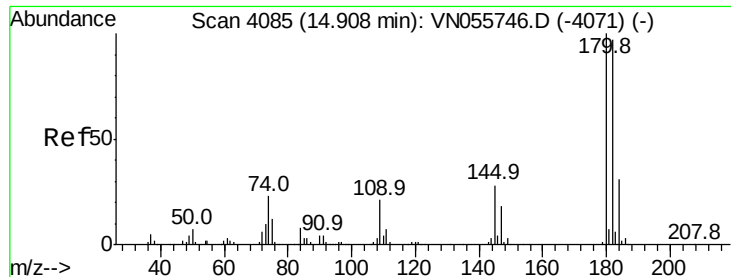
Tot Ion:105 Resp: 25068
Ion Ratio Lower Upper
105 100
120 46.1 23.0 69.0



#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3546
Delta R.T. 0.00 min
Lab File: VN055962.D
Acq: 3 Jun 2019 15:30

Tgt Ion:105 Resp: 1232
Ion Ratio Lower Upper
105 100
134 41.2 10.4 31.2#





#93

1,2,4-Trichlorobenzene

Concen: 3.703 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN055962.D

Acq: 3 Jun 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

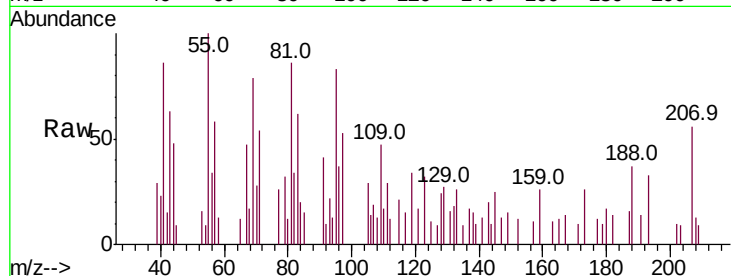
Tot Ion:180 Resp: 312

Ion Ratio Lower Upper

180 100

182 68.6 48.3 144.9

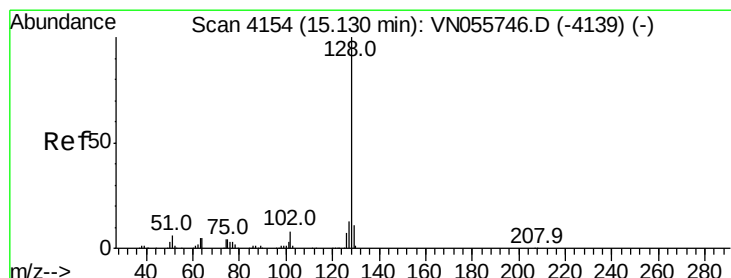
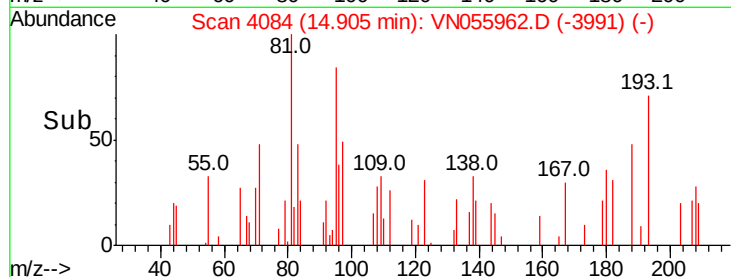
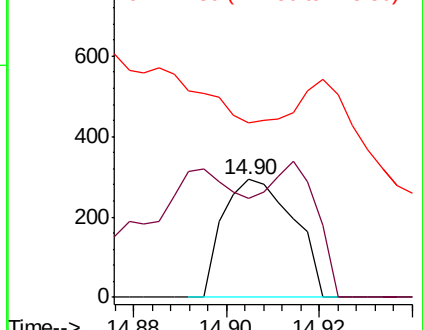
145 82.1 14.0 41.9#



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



#95

Naphthalene

Concen: 1.762 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055962.D

Acq: 3 Jun 2019 15:30

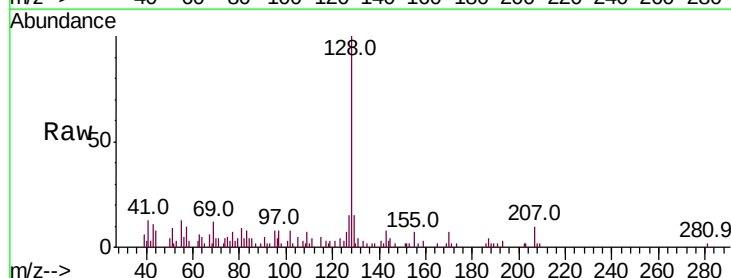
Tgt Ion:128 Resp: 18387

Ion Ratio Lower Upper

128 100

127 15.1 10.3 15.5

129 9.2 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

