

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\
 Data File : VN056383.D
 Acq On : 19 Jun 2019 13:46
 Operator : JC/SP
 Sample : K3441-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SAMPLE-3

Quant Time: Jun 20 04:48:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 04:41:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	375890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	636492	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	640515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	194023	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	212847	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
35) Dibromofluoromethane	7.59	113	184932	46.57	ug/l	0.00
Spiked Amount			Recovery	=	93.14%	
50) Toluene-d8	10.09	98	802538	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.40	95	266279	51.70	ug/l	0.00
Spiked Amount			Recovery	=	103.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	348	0.588	ug/l	89
14) Allyl chloride	4.55	41	5225	0.945	ug/l #	28
16) Acetone	3.82	43	16716	8.009	ug/l	93
17) Carbon Disulfide	4.05	76	2345	0.310	ug/l #	75
18) Methyl Acetate	4.34	43	4946	0.348	ug/l #	85
20) Methylene Chloride	4.55	84	138717	34.987	ug/l	98
25) 2-Butanone	6.86	43	2790	1.010	ug/l #	87
27) cis-1,2-Dichloroethene	6.83	96	4176	0.997	ug/l	94
29) Tetrahydrofuran	7.22	42	1132	0.671	ug/l #	41
31) Cyclohexane	7.66	56	6428	0.999	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	24409	4.357	ug/l #	49
38) Carbon Tetrachloride	7.67	117	32287	6.590	ug/l #	15
40) Benzene	8.04	78	4492	0.261	ug/l #	87
43) Isopropyl Acetate	8.17	43	12993	1.530	ug/l #	90
44) Trichloroethene	8.84	130	7891	1.700	ug/l	99
45) 1,2-Dichloropropane	9.27	63	1933	0.419	ug/l #	43
48) Methyl methacrylate	9.18	41	8433	1.982	ug/l #	12
51) 4-Methyl-2-Pentanone	9.98	43	5961	1.088	ug/l	87
52) Toluene	10.16	92	4934	0.468	ug/l	95
53) t-1,3-Dichloropropene	10.38	75	157	2.916	ug/l #	43
54) cis-1,3-Dichloropropene	9.90	75	51032	8.287	ug/l #	64
57) 1,3-Dichloropropane	10.77	76	11753	1.652	ug/l #	42
59) 2-Hexanone	10.76	43	165116	41.000	ug/l #	51
60) Dibromochloromethane	11.17	129	29	2.388	ug/l #	10
67) Ethyl Benzene	11.51	91	21633	0.957	ug/l	100
68) m/p-Xylenes	11.62	106	9222	1.114	ug/l	87
69) o-Xylene	11.95	106	1966	0.240	ug/l	96
71) Bromoform	12.40	173	1842	3.635	ug/l #	1
73) Isopropylbenzene	12.25	105	1421	Below Cal		97
74) N-amyl acetate	12.07	43	1393	0.226	ug/l #	59
76) 1,2,3-Trichloropropane	12.40	75	121823	30.281	ug/l #	100
79) 2-Chlorotoluene	12.77	91	1523	Below Cal		85
80) 1,3,5-Trimethylbenzene	12.73	105	4247	Below Cal		93
81) trans-1,4-Dichloro-2-buten	12.40	75	121823	107.623	ug/l #	8

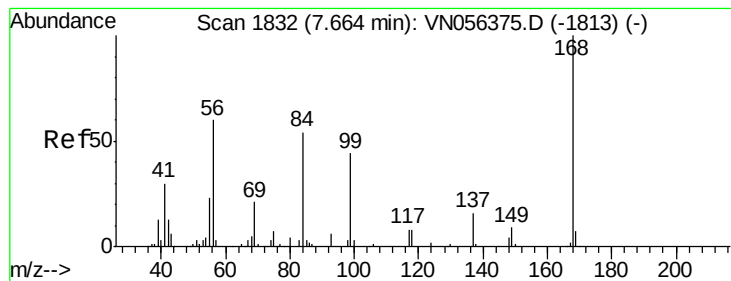
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
83) tert-Butylbenzene	12.99	119	1037	Below Cal #	76
84) 1,2,4-Trimethylbenzene	13.04	105	2837	0.217 ug/l	93
89) n-Butylbenzene	13.62	91	2422	0.239 ug/l	92
93) 1,2,4-Trichlorobenzene	14.91	180	1451	5.993 ug/l	90
94) Hexachlorobutadiene	15.00	225	537	Below Cal	90
95) Naphthalene	15.13	128	8021	6.053 ug/l #	94
96) 1,2,3-Trichlorobenzene	15.32	180	1904	4.974 ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

Instrument :

MSVOA_N

ClientSampled :

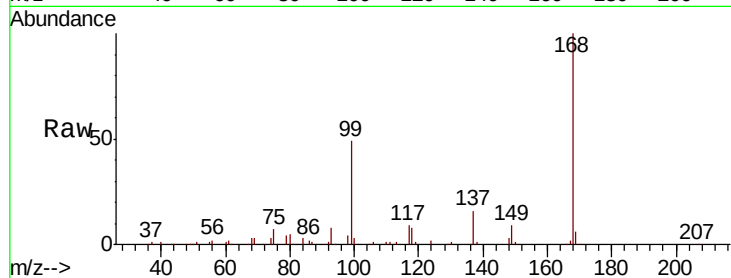
SAMPLE-3

Tot Ion:168 Resp: 375890

Ion Ratio Lower Upper

168 100

99 48.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056383.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056383.D (-1739) (-)

7.67

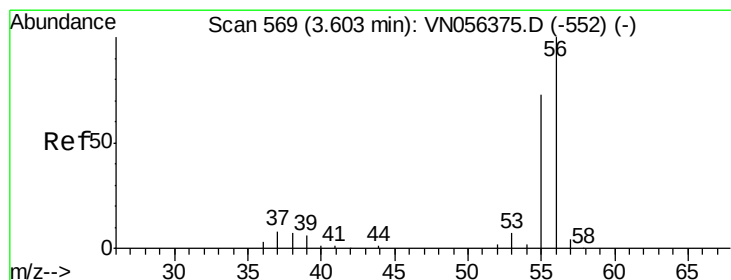
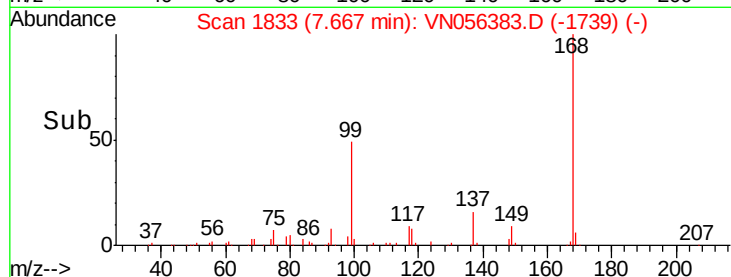
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 0.588 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN056383.D

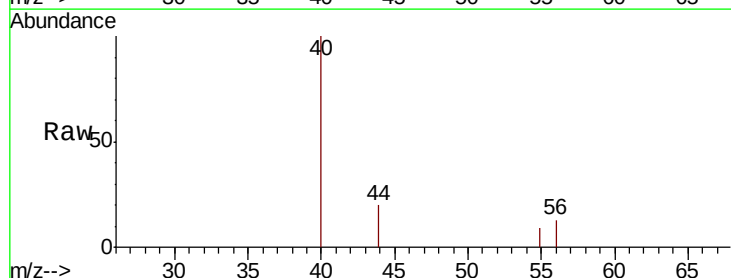
Acq: 19 Jun 2019 13:46

Tgt Ion: 56 Resp: 348

Ion Ratio Lower Upper

56 100

55 62.4 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN056383.D (-476) (-)

Ion 55.00 (54.70 to 55.70): VN056383.D (-476) (-)

3.61

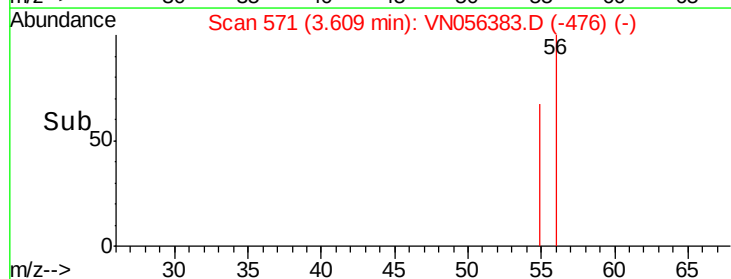
300

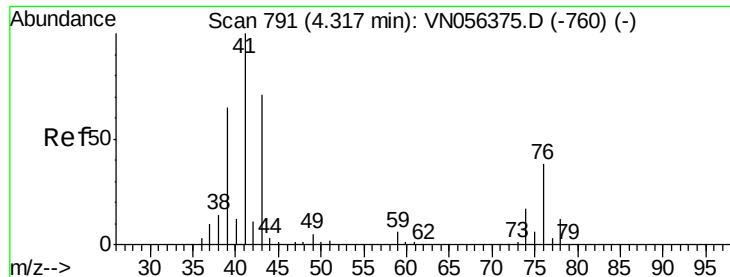
200

100

0

Time-->

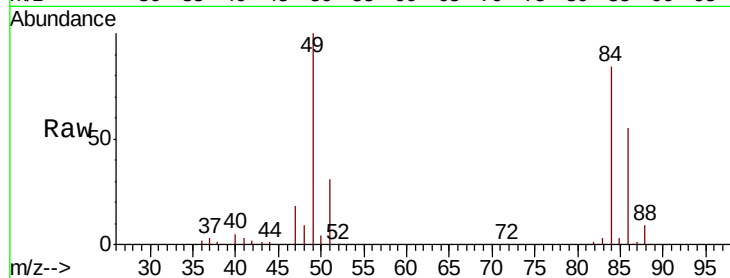




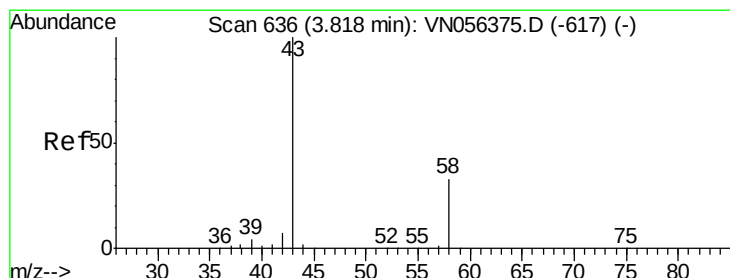
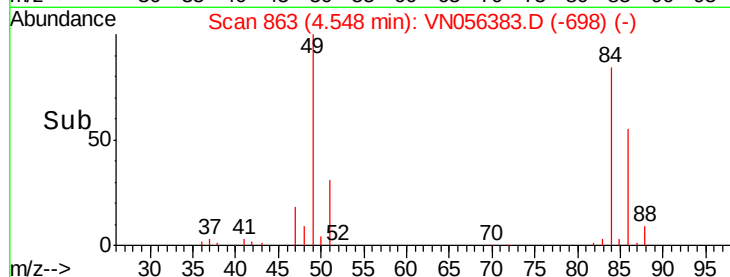
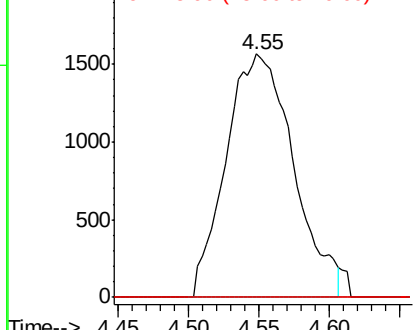
#14
Allvl chloride
Concen: 0.945 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.23 min
Lab File: VN056383.D
Acq: 19 Jun 2019 13:46

Instrument :
MSVOA_N
ClientSampled :
SAMPLE-3

Tot Ion: 41 Resp: 5225
Ion Ratio Lower Upper
41 100
39 0.0 48.6 73.0#
76 0.0 26.6 40.0#

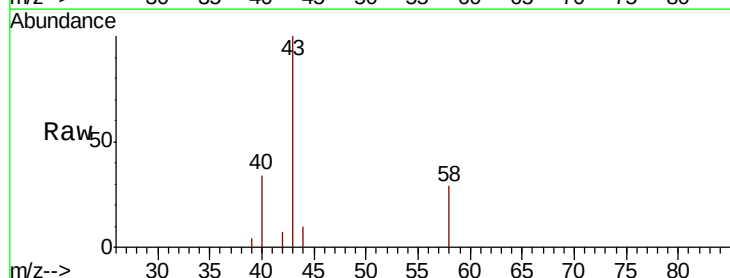


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 75.90 (75.60 to 76.60): VN0

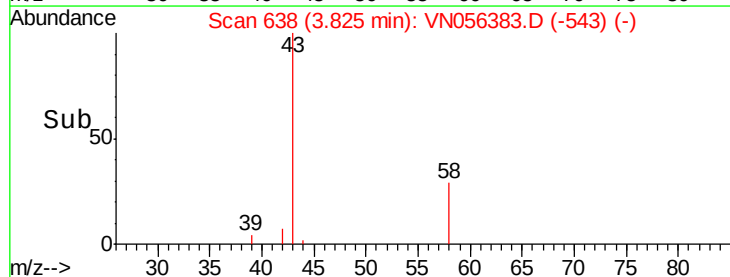
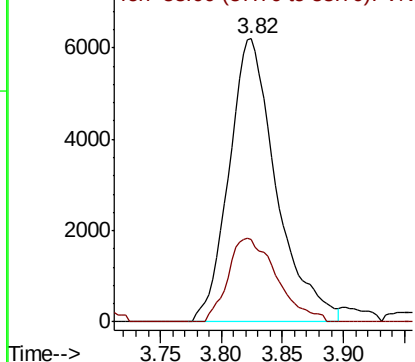


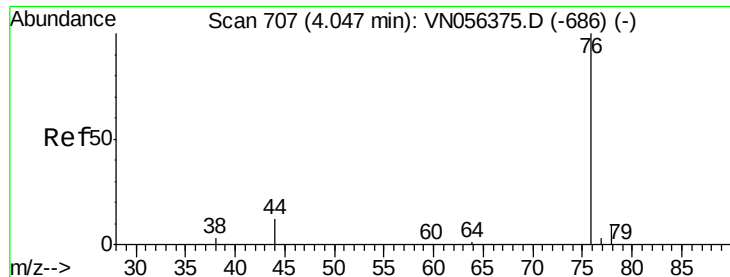
#16
Acetone
Concen: 8.009 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN056383.D
Acq: 19 Jun 2019 13:46

Tgt Ion: 43 Resp: 16716
Ion Ratio Lower Upper
43 100
58 28.9 26.4 39.6



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





#17

Carbon Disulfide

Concen: 0.310 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

Instrument :

MSVOA_N

ClientSampleId :

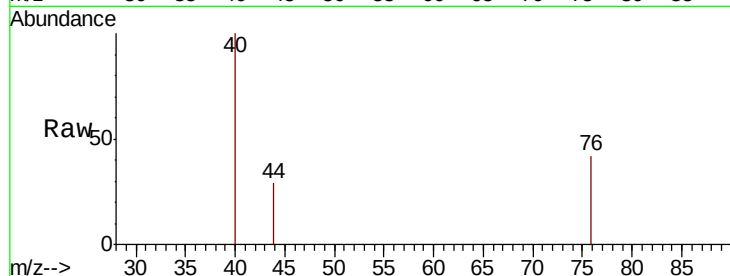
SAMPLE-3

Tot Ion: 76 Resp: 2345

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.05

1000

800

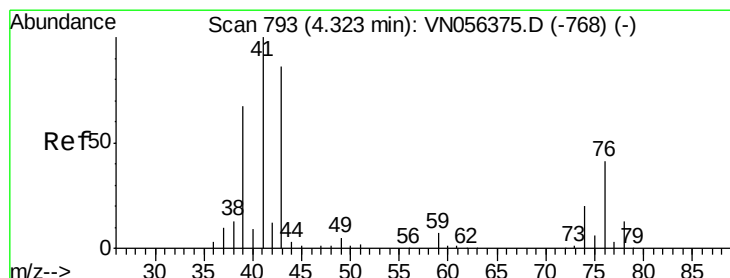
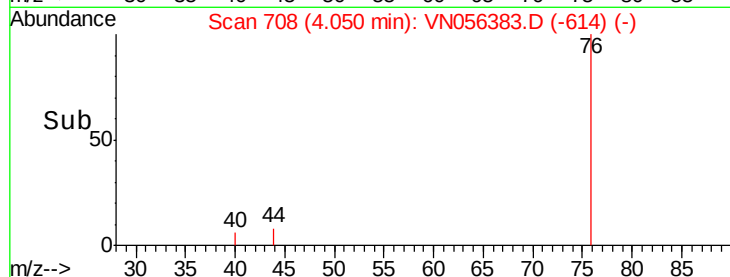
600

400

200

0

Time-->



#18

Methyl Acetate

Concen: 0.348 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.02 min

Lab File: VN056383.D

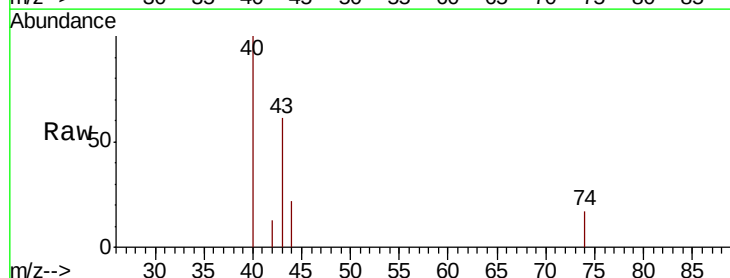
Acq: 19 Jun 2019 13:46

Tgt Ion: 43 Resp: 4946

Ion Ratio Lower Upper

43 100

74 16.5 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

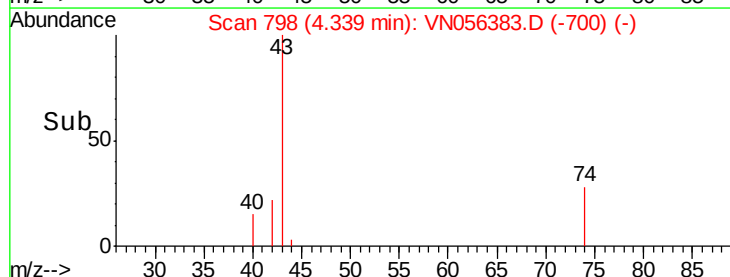
1500

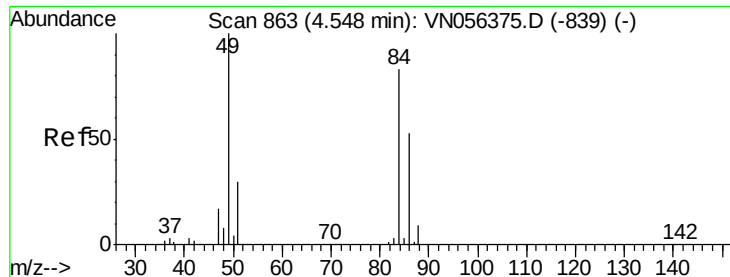
1000

500

0

Time-->

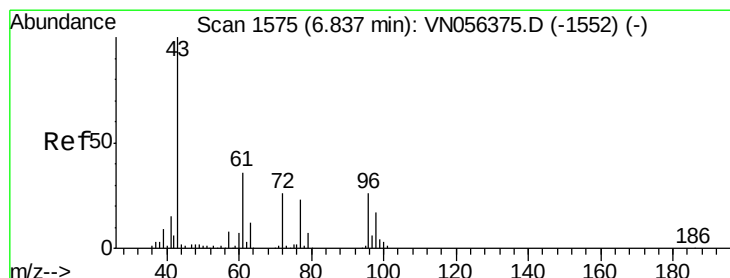
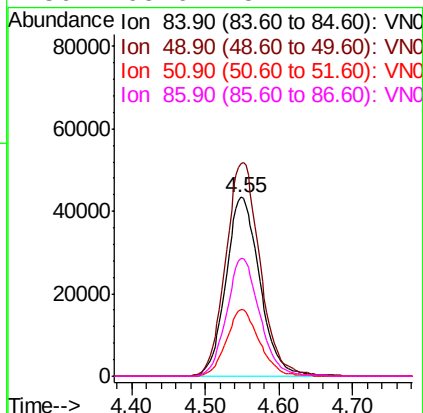
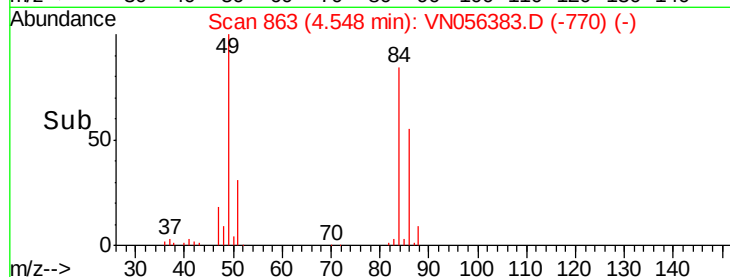
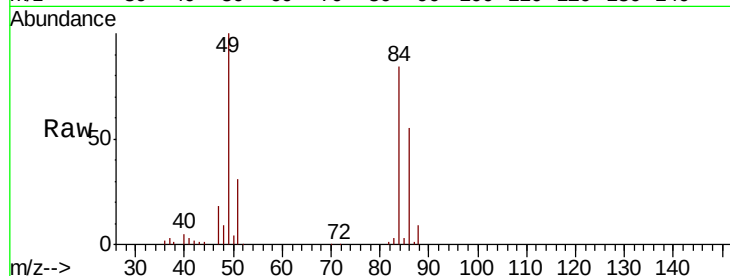




#20
Methvlene Chloride
Concen: 34.987 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056383.D
Acq: 19 Jun 2019 13:46

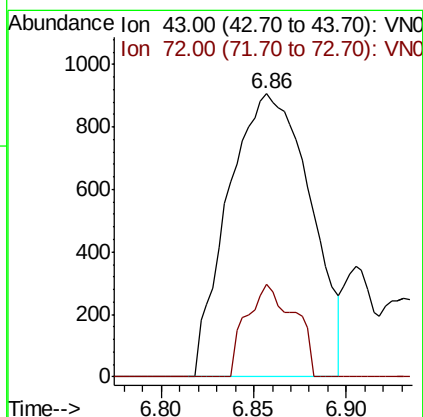
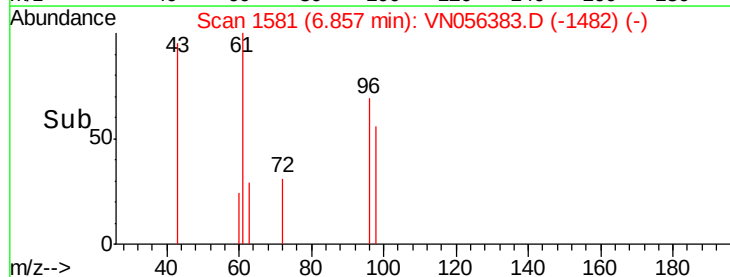
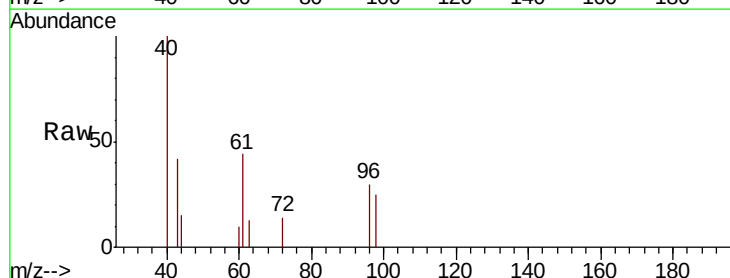
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-3

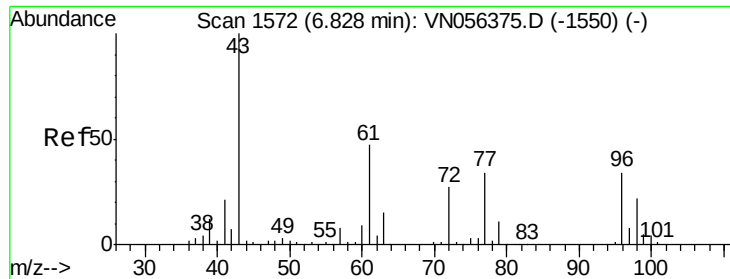
Tot Ion:	84	Resp:	138717
Ion	Ratio	Lower	Upper
84	100		
49	118.5	96.4	144.6
51	37.2	28.6	43.0
86	65.6	51.4	77.2



#25
2-Butanone
Concen: 1.010 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.02 min
Lab File: VN056383.D
Acq: 19 Jun 2019 13:46

Tgt Ion:	43	Resp:	2790
Ion	Ratio	Lower	Upper
43	100		
72	32.6	20.6	31.0#





#27

cis-1,2-Dichloroethene

Concen: 0.997 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

Instrument :

MSVOA_N

ClientSampled :

SAMPLE-3

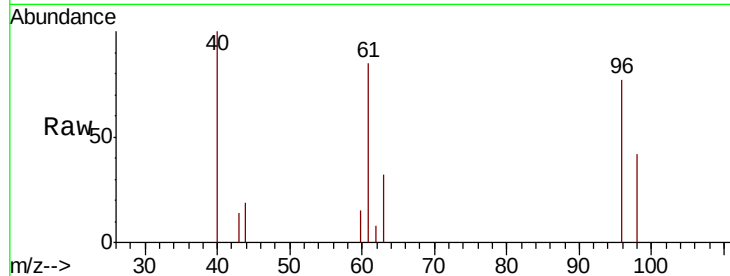
Tot Ion: 96 Resp: 4176

Ion Ratio Lower Upper

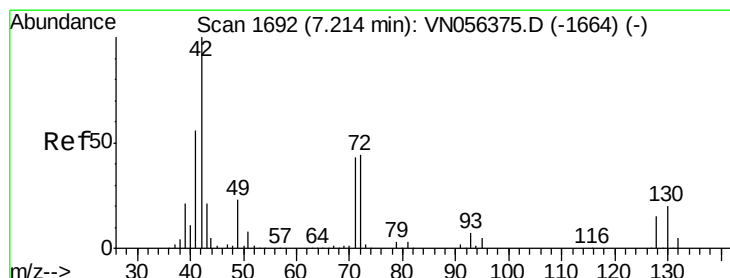
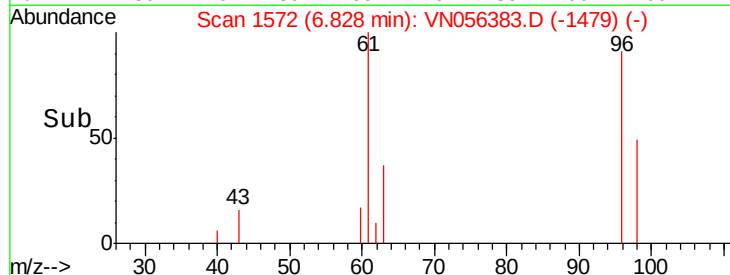
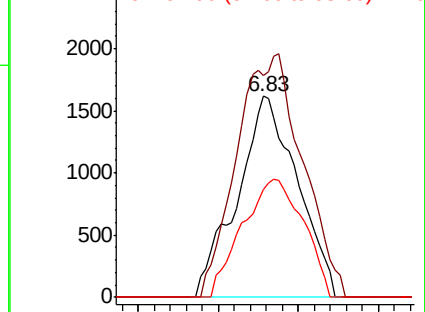
96 100

61 132.3 0.0 279.8

98 59.7 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC



#29

Tetrahydrofuran

Concen: 0.671 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

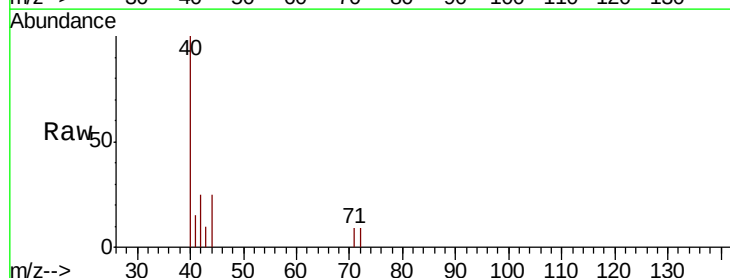
Tgt Ion: 42 Resp: 1132

Ion Ratio Lower Upper

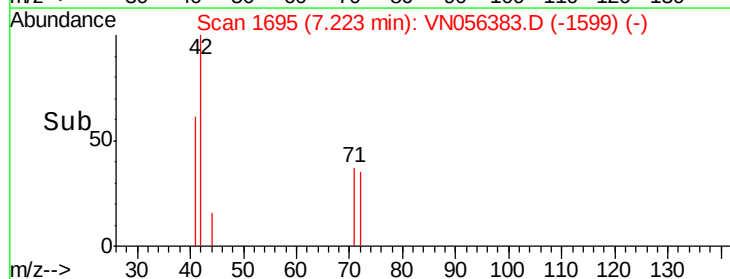
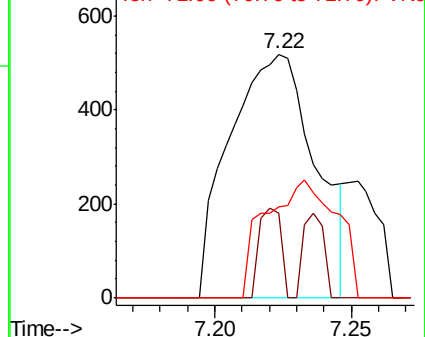
42 100

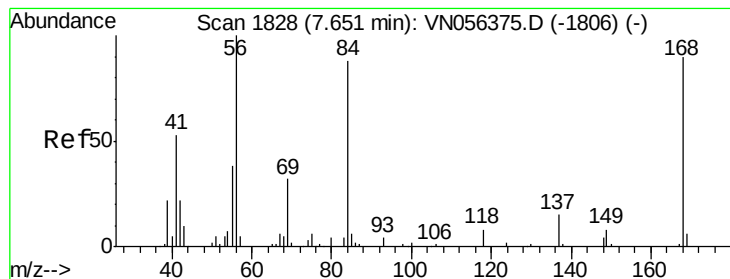
72 9.2 34.7 52.1#

71 0.0 33.0 49.6#



Abundance Ion 42.00 (41.70 to 42.70): VNC
Ion 72.00 (71.70 to 72.70): VNC
Ion 71.00 (70.70 to 71.70): VNC





#31

Cyclohexane

Concen: 0.999 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

Instrument :

MSVOA_N

ClientSampleId :

SAMPLE-3

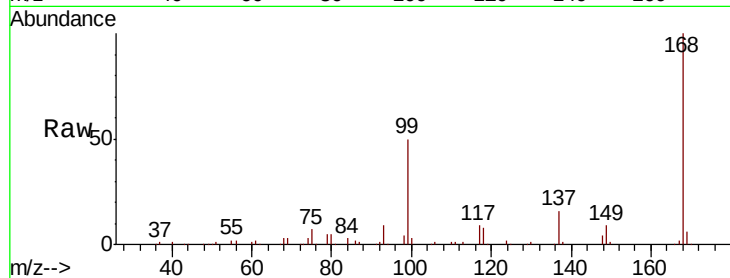
Tot Ion: 56 Resp: 6428

Ion Ratio Lower Upper

56 100

69 169.1 25.8 38.6#

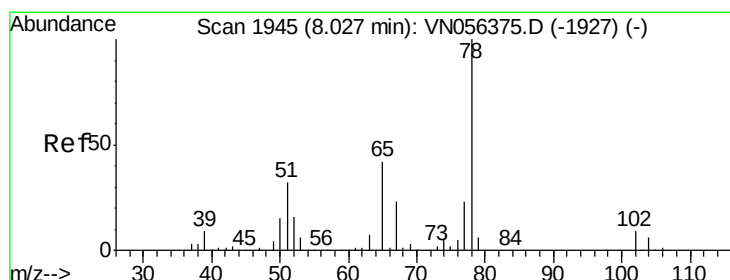
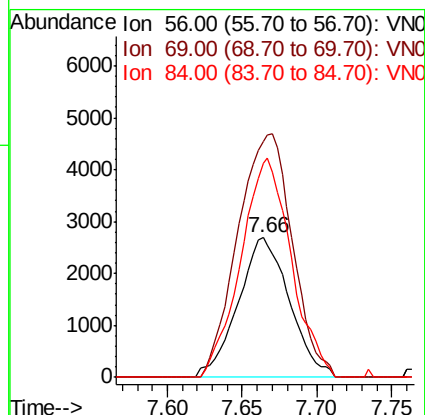
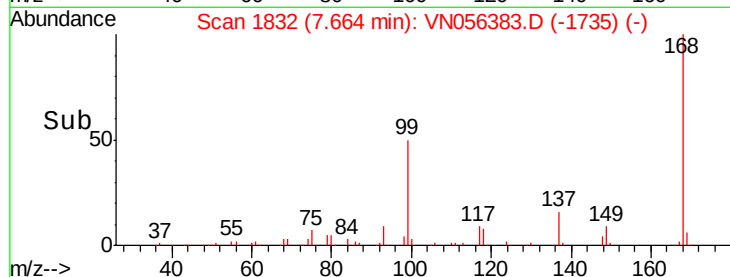
84 153.7 69.4 104.0#



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: 51.091 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056383.D

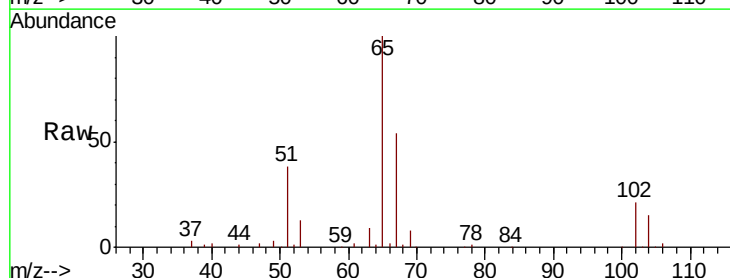
Acq: 19 Jun 2019 13:46

Tgt Ion: 65 Resp: 212847

Ion Ratio Lower Upper

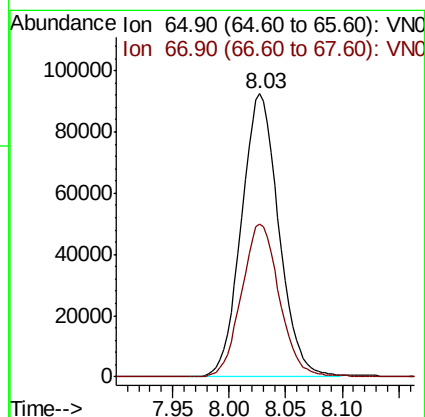
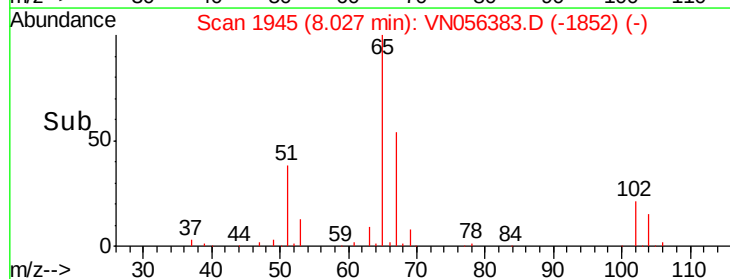
65 100

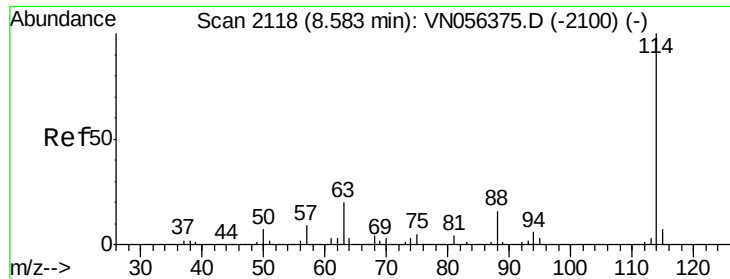
67 54.6 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

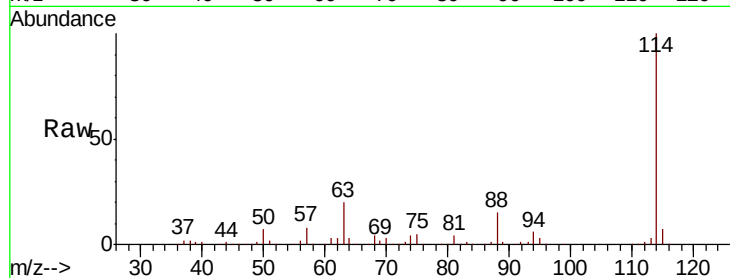




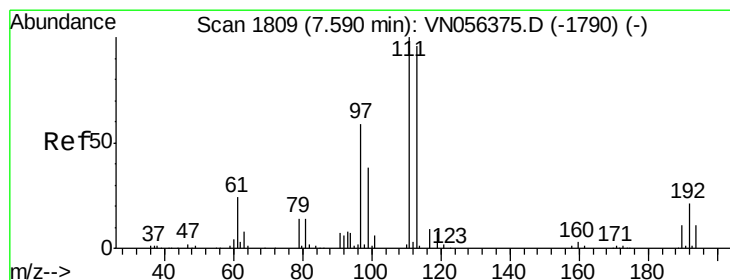
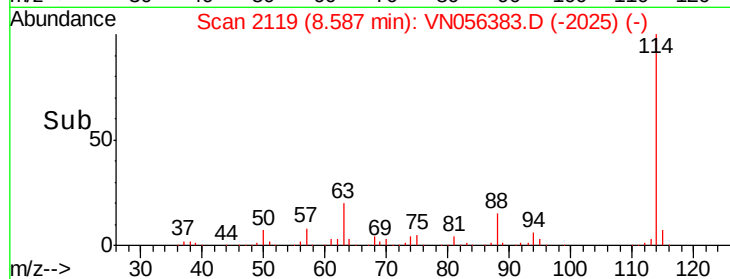
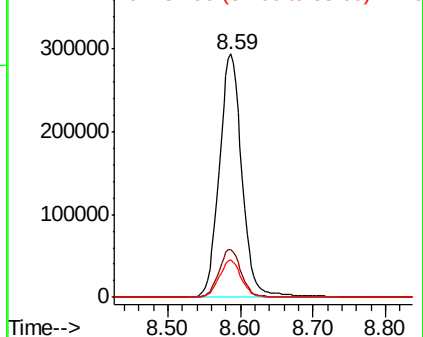
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056383.D
Acq: 19 Jun 2019 13:46

Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-3

Tot Ion:114 Resp: 636492
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.2
88 15.2 0.0 31.4

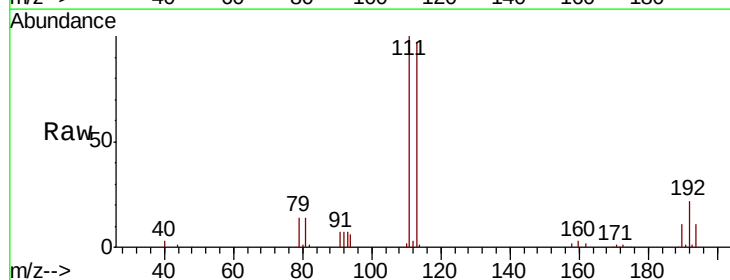


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

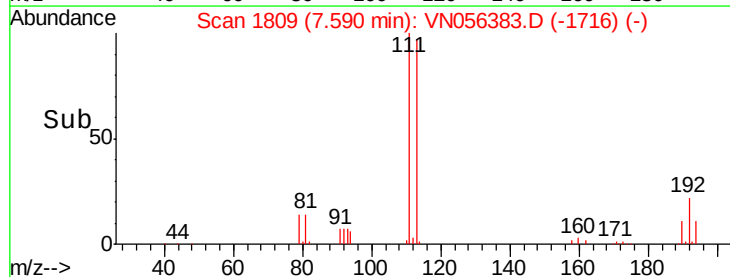
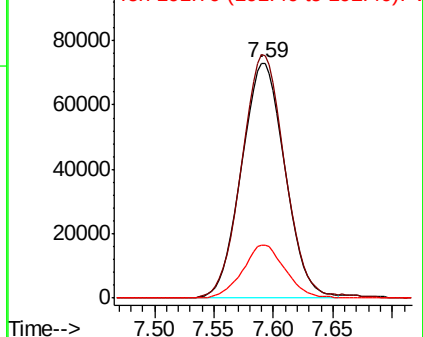


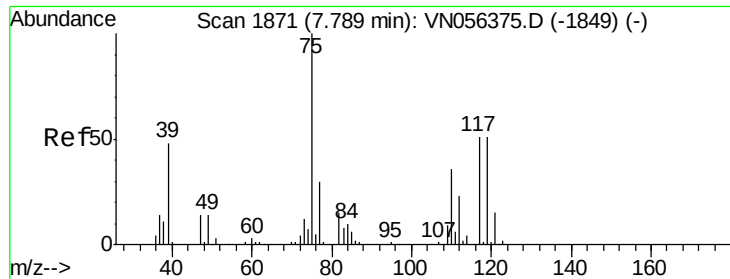
#35
Dibromofluoromethane
Concen: 46.575 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056383.D
Acq: 19 Jun 2019 13:46

Tgt Ion:113 Resp: 184932
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 22.1 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

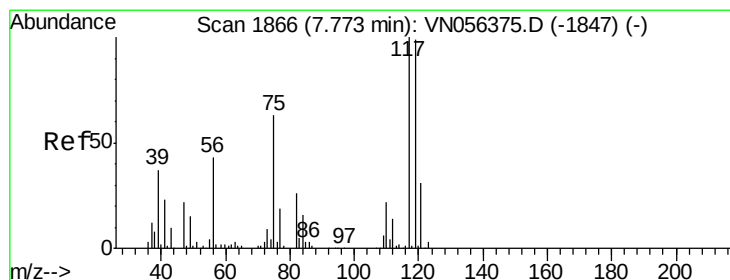
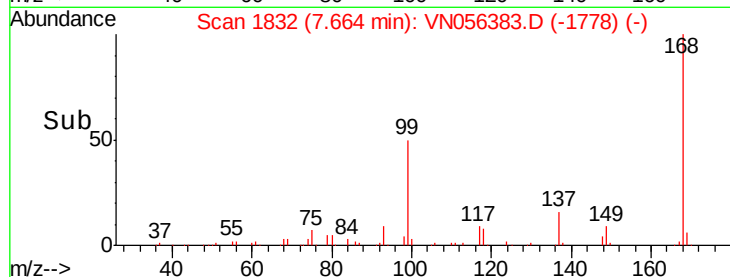
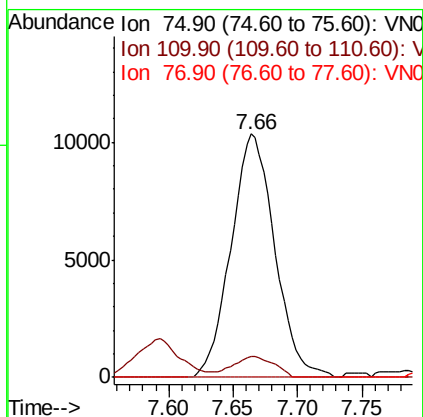
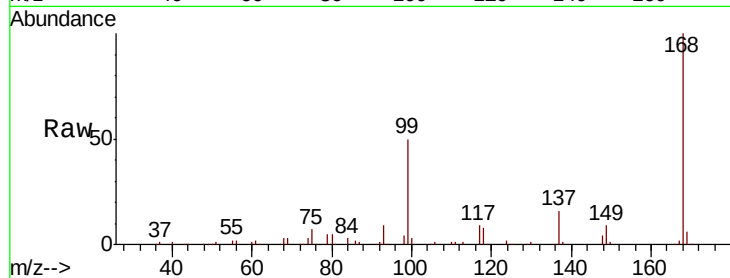




#36
 1,1-Dichloropropene
 Concen: 4.357 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056383.D
 Acq: 19 Jun 2019 13:46

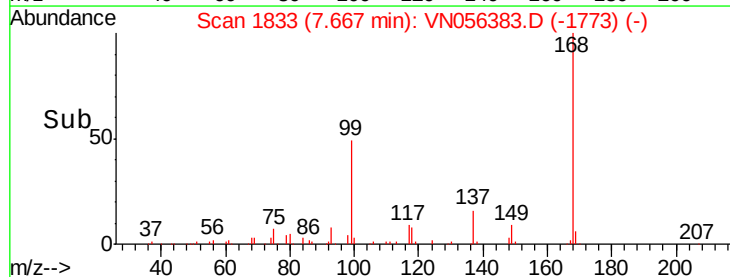
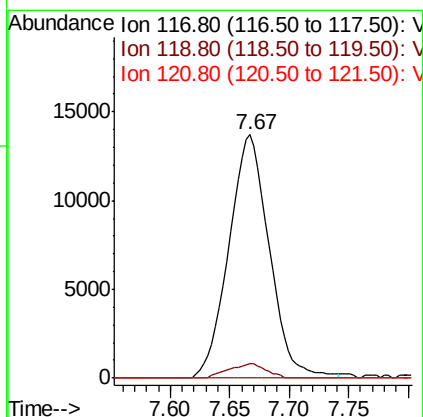
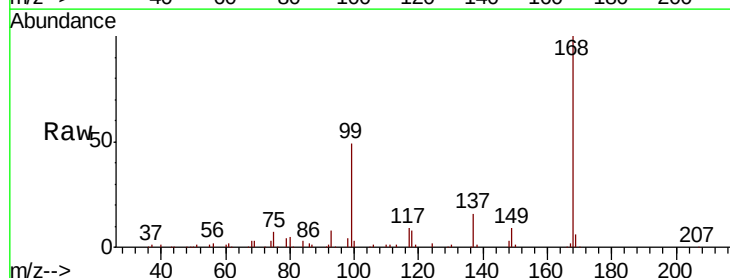
Instrument :
 MSVOA_N
 ClientSampled :
 SAMPLE-3

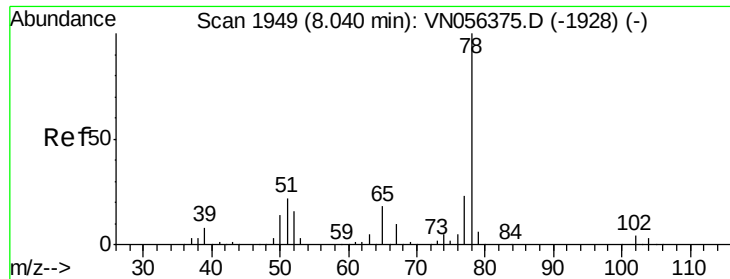
Tot Ion	75	Resp	24409
Ion Ratio	Lower	Upper	
75	100		
110	8.1	18.1	54.3#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.590 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN056383.D
 Acq: 19 Jun 2019 13:46

Tgt Ion	117	Resp	32287
Ion Ratio	Lower	Upper	
117	100		
119	6.0	79.1	118.7#
121	0.0	24.8	37.2#





#40

Benzene

Concen: 0.261 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

Instrument :

MSVOA_N

ClientSampled :

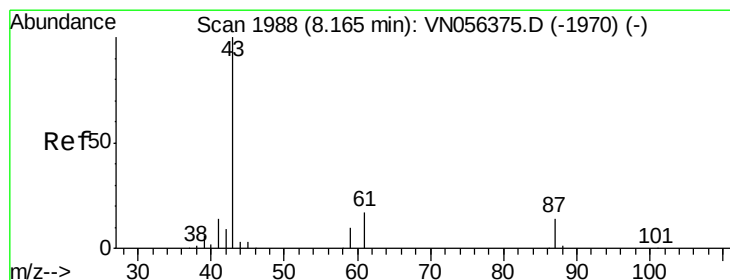
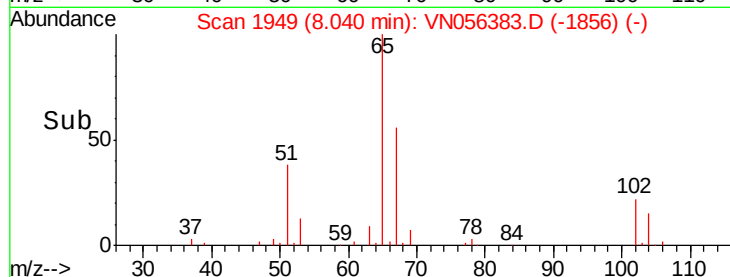
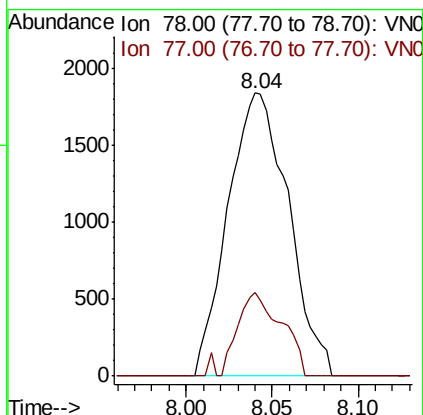
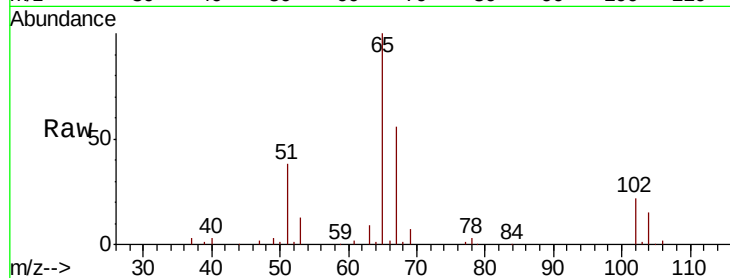
SAMPLE-3

Tot Ion: 78 Resp: 4492

Ion Ratio Lower Upper

78 100

77 29.4 18.3 27.5#



#43

Isopropyl Acetate

Concen: 1.530 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

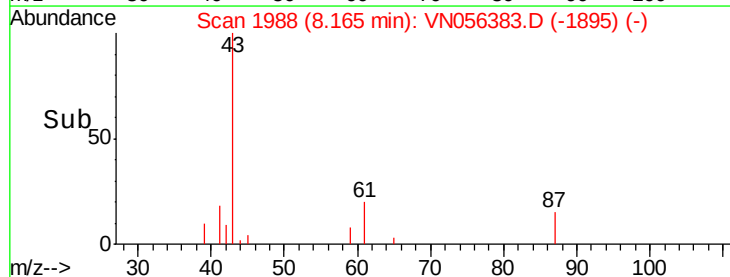
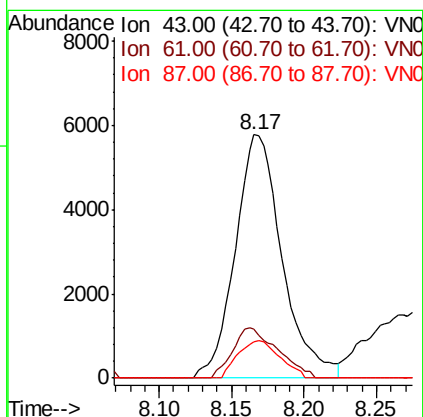
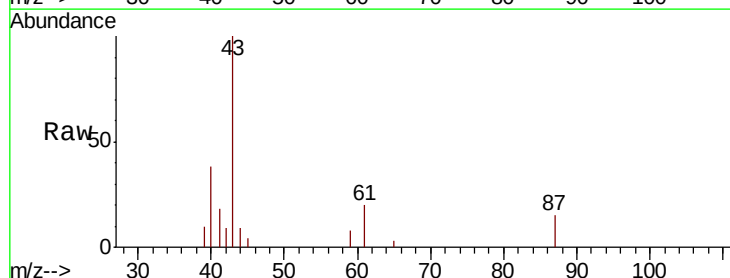
Tgt Ion: 43 Resp: 12993

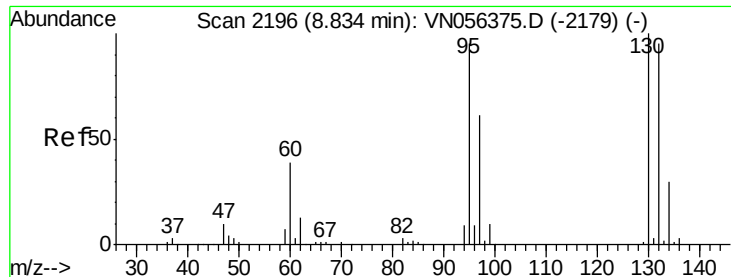
Ion Ratio Lower Upper

43 100

61 19.7 22.0 33.0#

87 13.8 11.0 16.4





#44

Trichloroethene

Concen: 1.700 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

Instrument :

MSVOA_N

ClientSampleId :

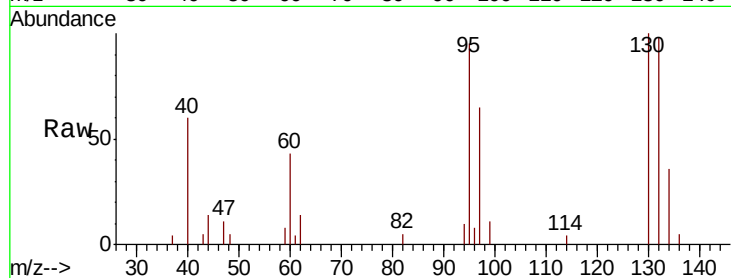
SAMPLE-3

Tot Ion:130 Resp: 7891

Ion Ratio Lower Upper

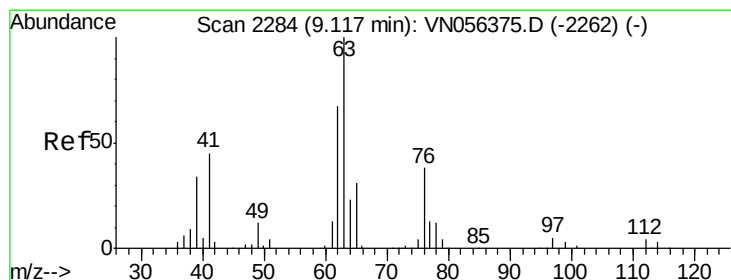
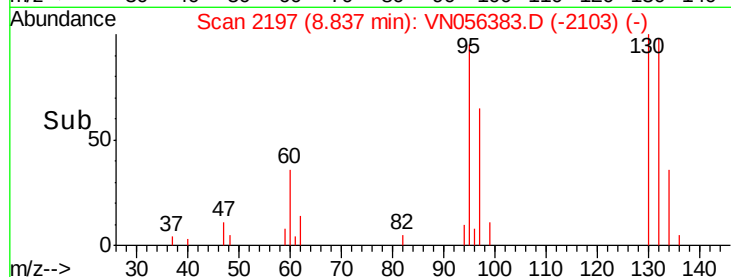
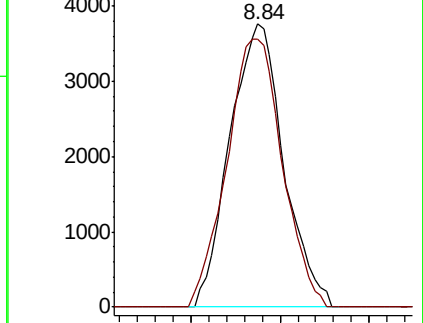
130 100

95 94.9 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#45

1,2-Dichloropropane

Concen: 0.419 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN056383.D

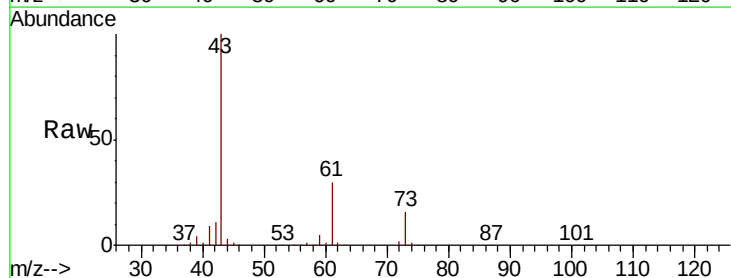
Acq: 19 Jun 2019 13:46

Tgt Ion: 63 Resp: 1933

Ion Ratio Lower Upper

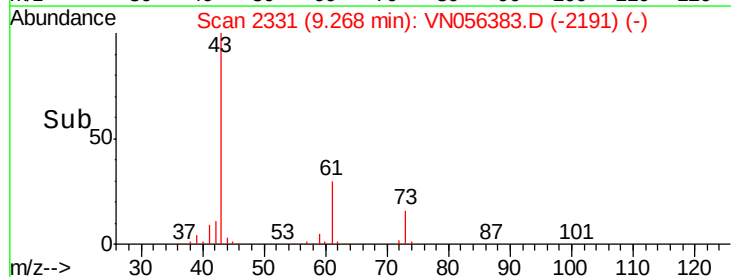
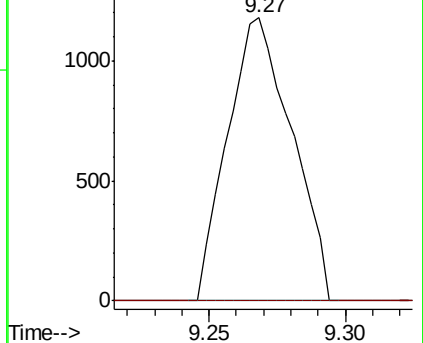
63 100

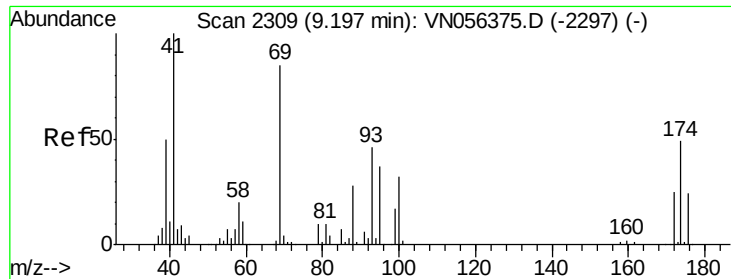
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

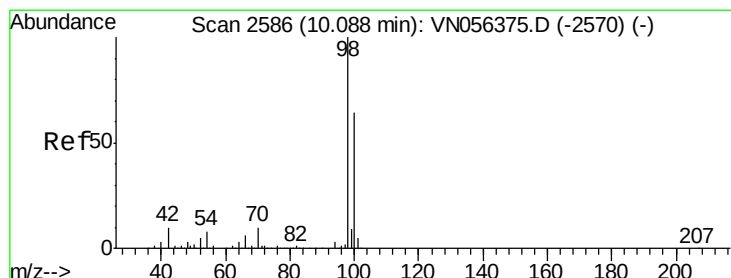
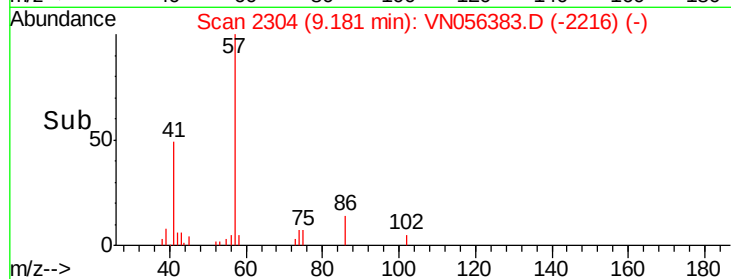
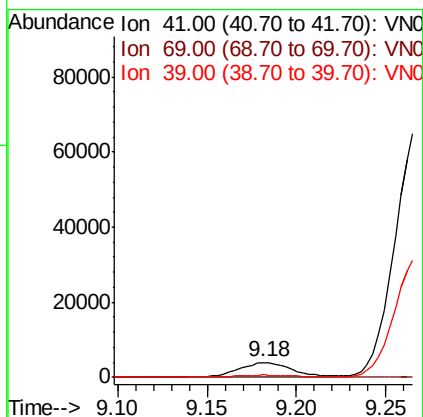
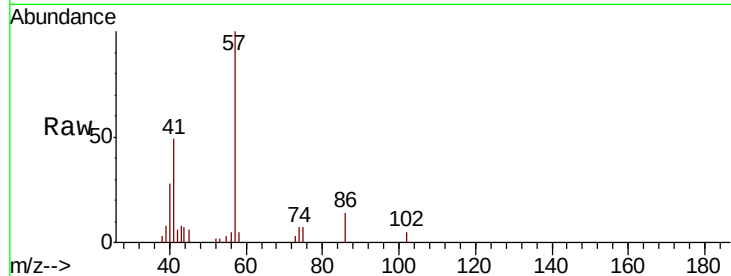




#48
Methvl methacrylate
Concen: 1.982 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN056383.D
Acq: 19 Jun 2019 13:46

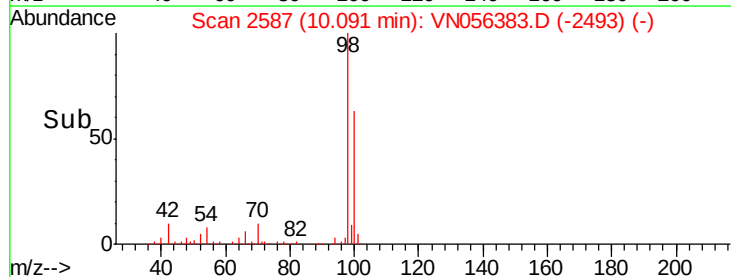
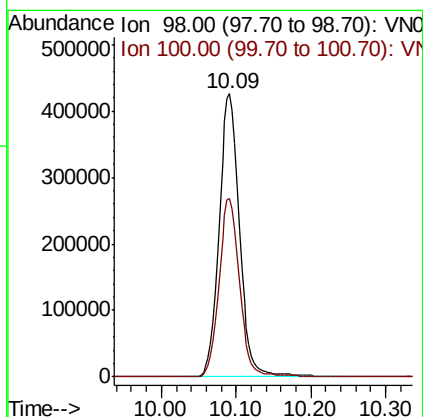
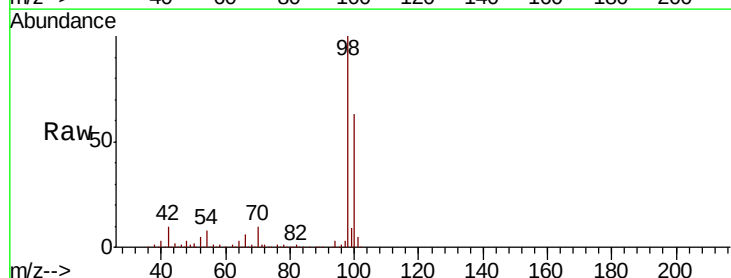
Instrument :
MSVOA_N
ClientSampled :
SAMPLE-3

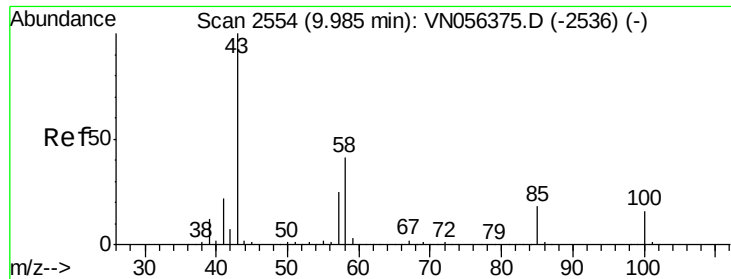
Tot Ion: 41 Resp: 8433
Ion Ratio Lower Upper
41 100
69 0.0 72.6 109.0#
39 0.0 42.6 63.8#



#50
Toluene-d8
Concen: 51.944 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056383.D
Acq: 19 Jun 2019 13:46

Tgt Ion: 98 Resp: 802538
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 1.088 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

Instrument :

MSVOA_N

ClientSampleId :

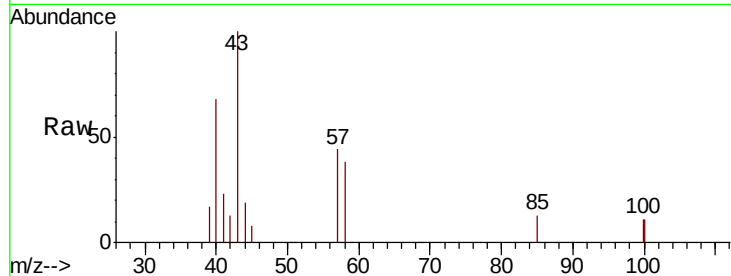
SAMPLE-3

Tot Ion: 43 Resp: 5961

Ion Ratio Lower Upper

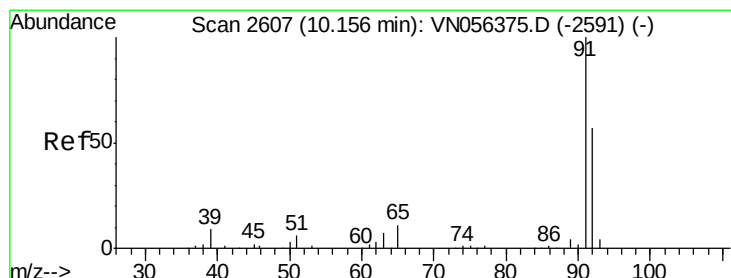
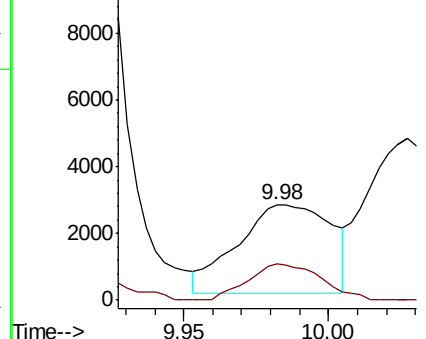
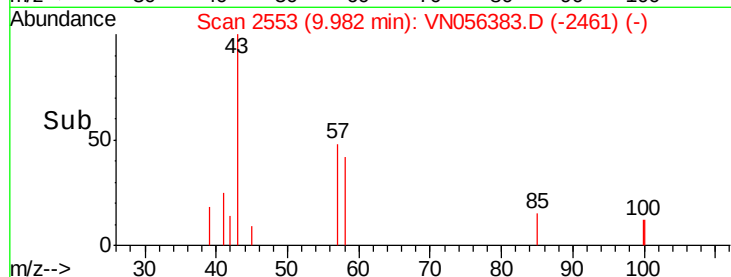
43 100

58 32.1 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN056375.D (-2536) (-)



#52

Toluene

Concen: 0.468 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN056383.D

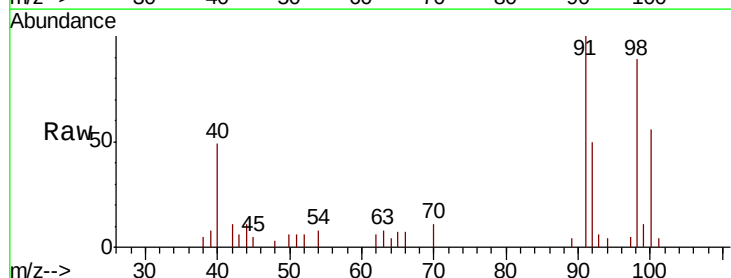
Acq: 19 Jun 2019 13:46

Tgt Ion: 92 Resp: 4934

Ion Ratio Lower Upper

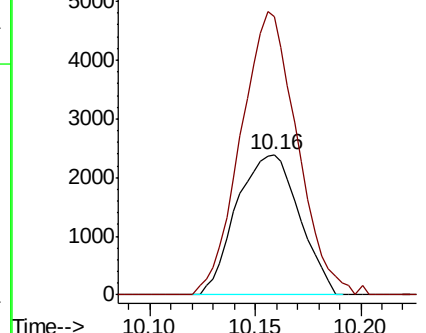
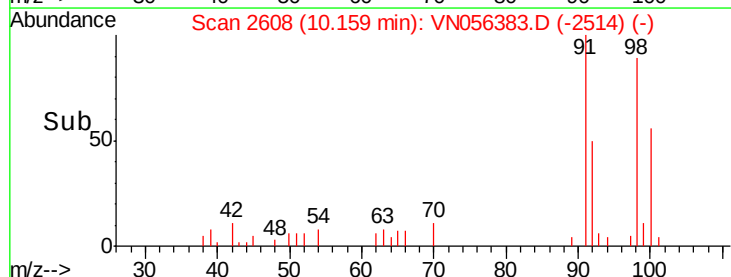
92 100

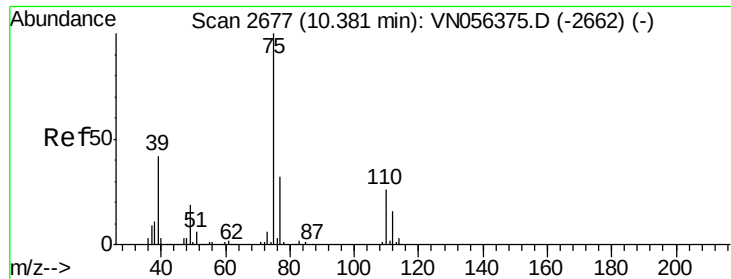
91 182.5 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN056375.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN056375.D (-2591) (-)





#53

t-1,3-Dichloropropene

Concen: 2.916 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

Instrument :

MSVOA_N

ClientSampled :

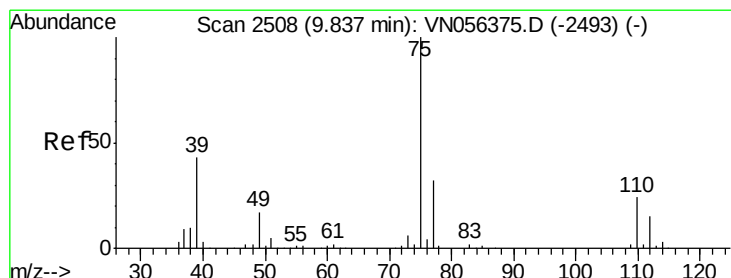
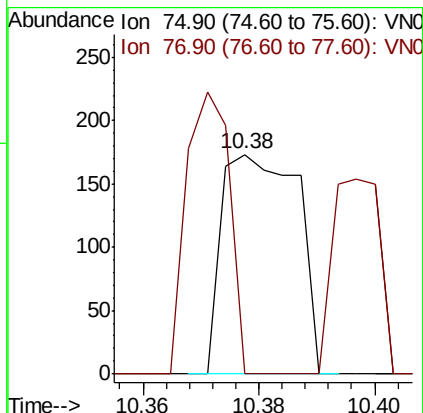
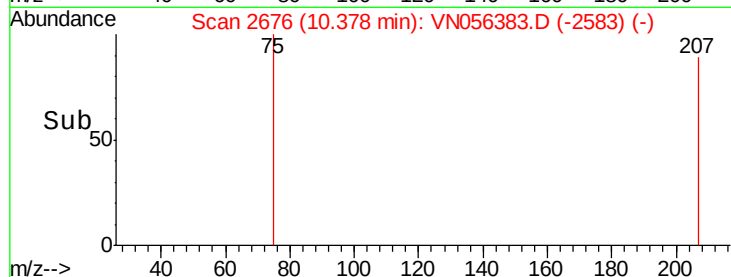
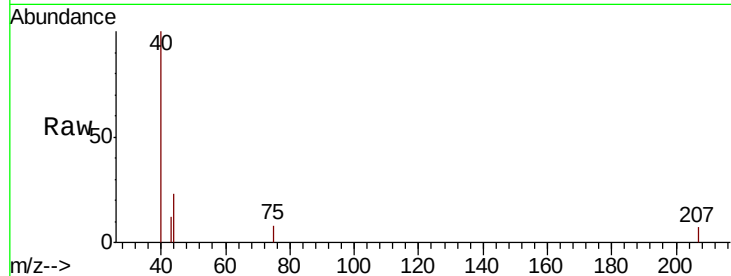
SAMPLE-3

Tot Ion: 75 Resp: 157

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.2#



#54

cis-1,3-Dichloropropene

Concen: 8.287 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

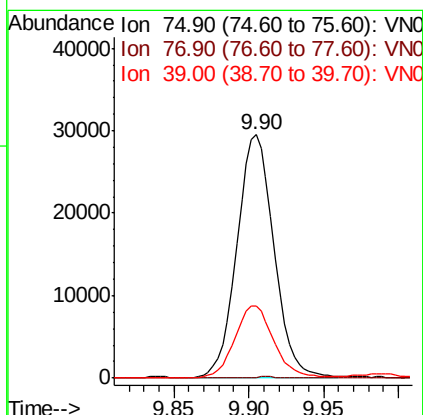
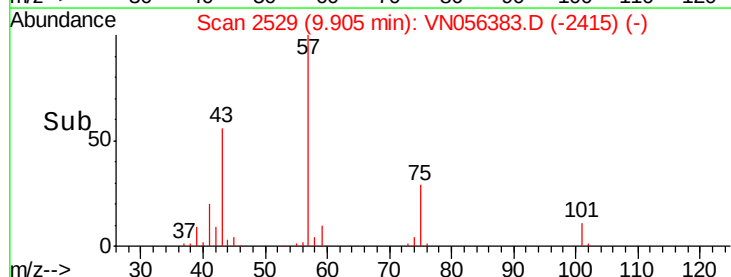
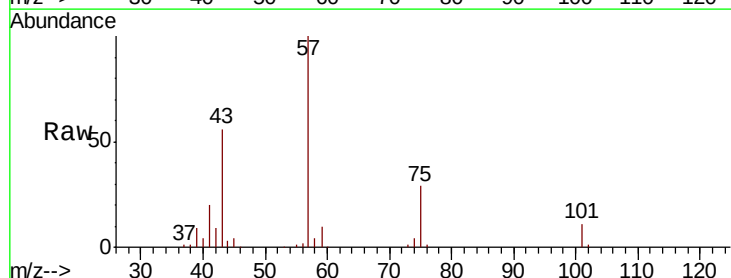
Tgt Ion: 75 Resp: 51032

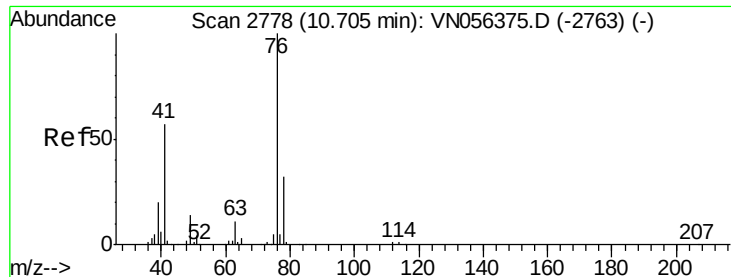
Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#

39 29.8 34.2 51.4#

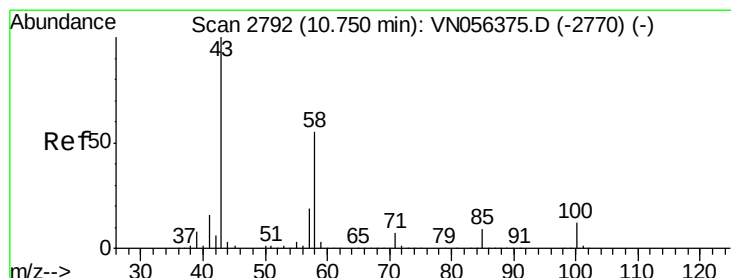
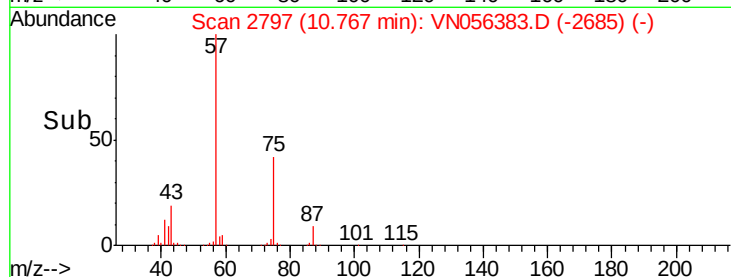
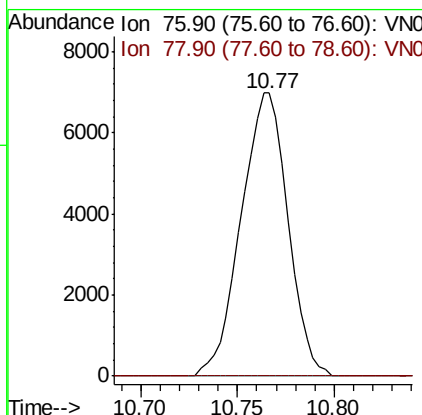
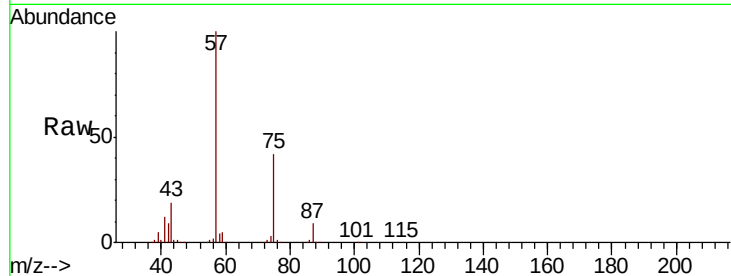




#57
 1,3-Dichloropropane
 Concen: 1.652 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN056383.D
 Acq: 19 Jun 2019 13:46

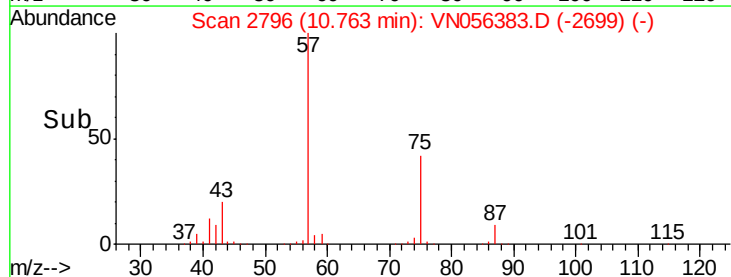
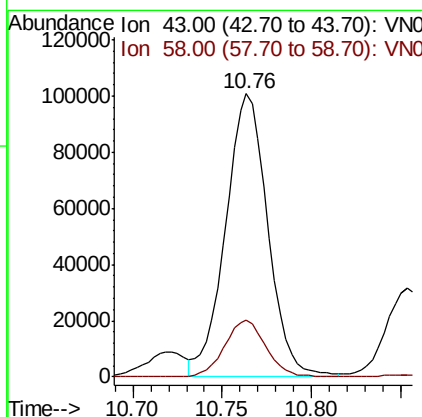
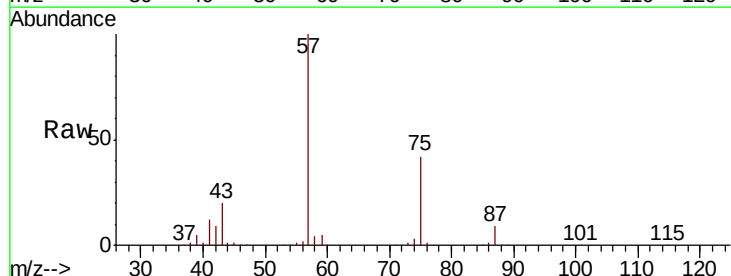
Instrument :
 MSVOA_N
 ClientSampleId :
 SAMPLE-3

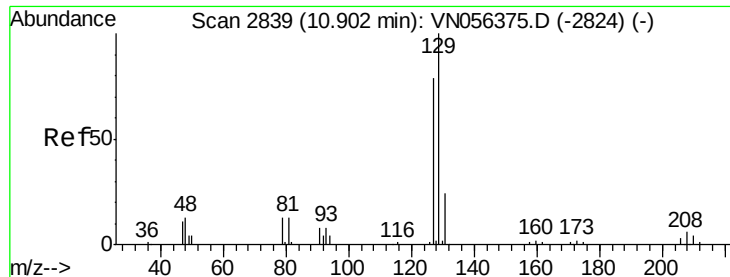
Tot Ion: 76 Resp: 11753
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#



#59
 2-Hexanone
 Concen: 41.000 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN056383.D
 Acq: 19 Jun 2019 13:46

Tgt Ion: 43 Resp: 165116
 Ion Ratio Lower Upper
 43 100
 58 19.7 27.8 83.4#





#60

Dibromochloromethane

Concen: 2.388 ug/l

RT: 11.17 min Scan# 2923

Delta R.T. 0.27 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

Instrument :

MSVOA_N

ClientSampleId :

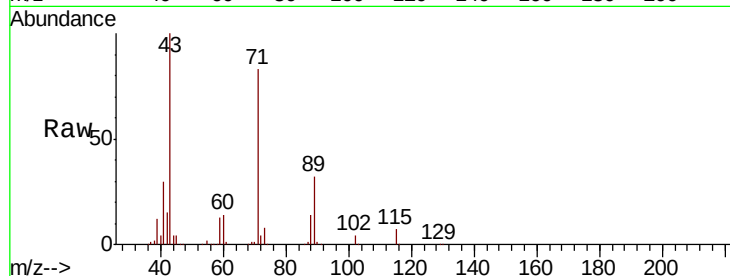
SAMPLE-3

Tot Ion:129 Resp: 29

Ion Ratio Lower Upper

129 100

127 0.0 38.9 116.7#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

11.17

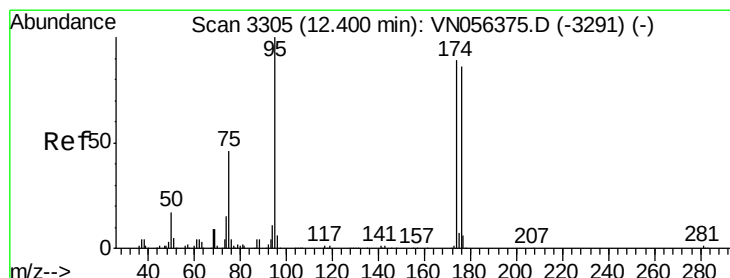
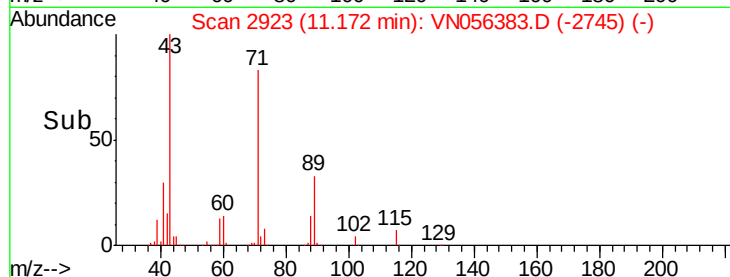
150

100

50

0

Time--> 11.16 11.17 11.18



#62

4-Bromofluorobenzene

Concen: 51.700 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

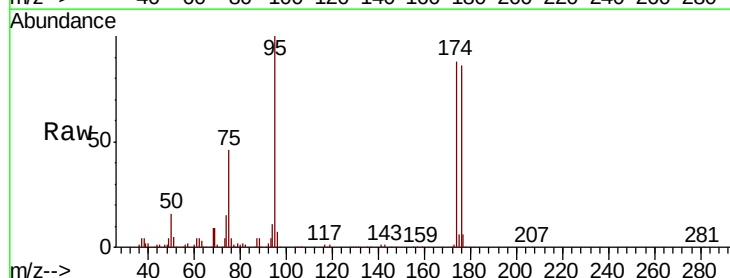
Tgt Ion: 95 Resp: 266279

Ion Ratio Lower Upper

95 100

174 89.2 0.0 179.4

176 86.0 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

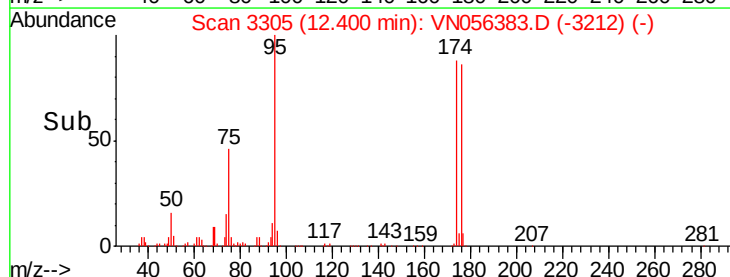
150000

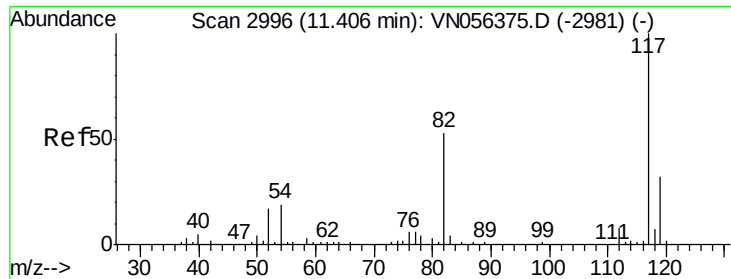
100000

50000

0

Time--> 12.30 12.40 12.50

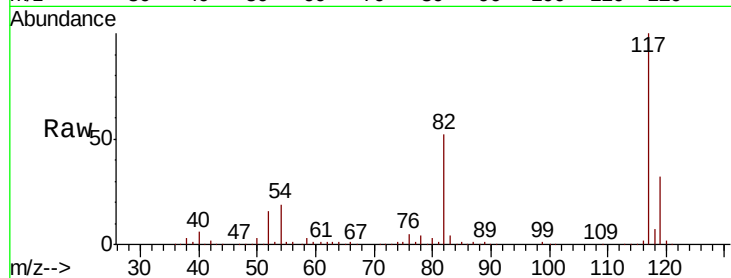




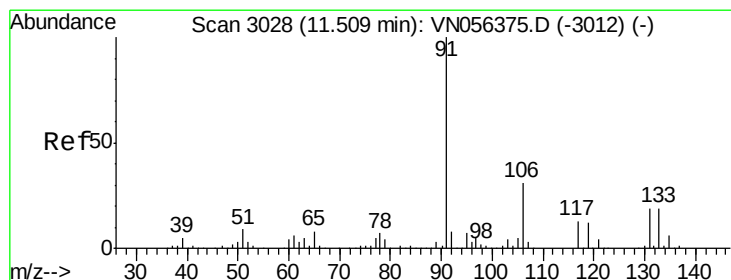
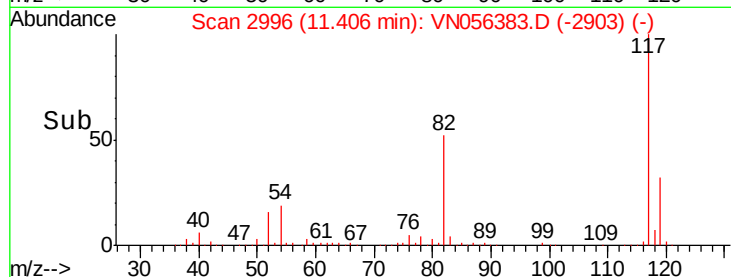
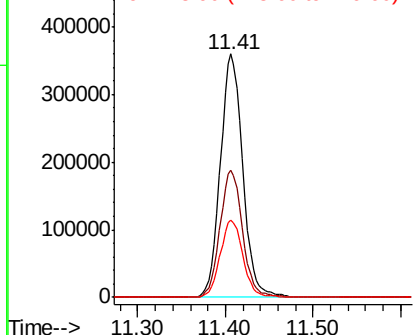
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056383.D
Acq: 19 Jun 2019 13:46

Instrument :
MSVOA_N
ClientSampled :
SAMPLE-3

Tot Ion:117 Resp: 640515
Ion Ratio Lower Upper
117 100
82 52.4 42.0 63.0
119 31.9 25.3 37.9

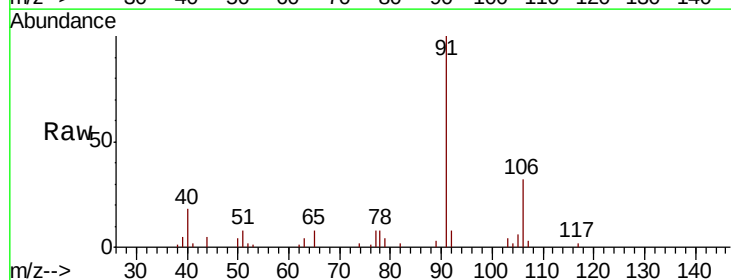


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

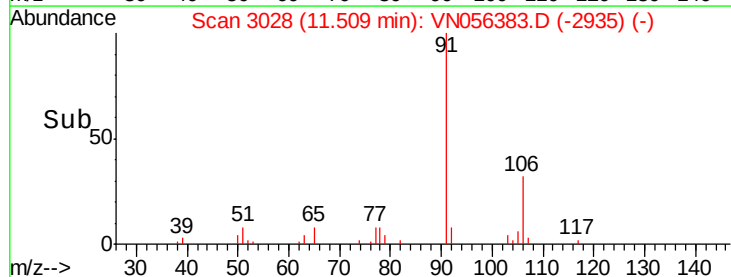
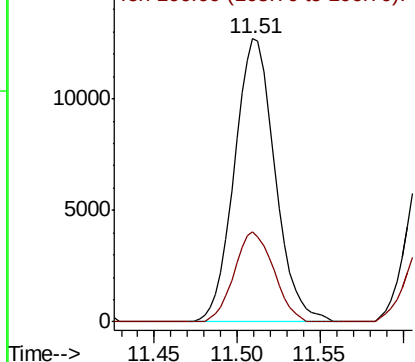


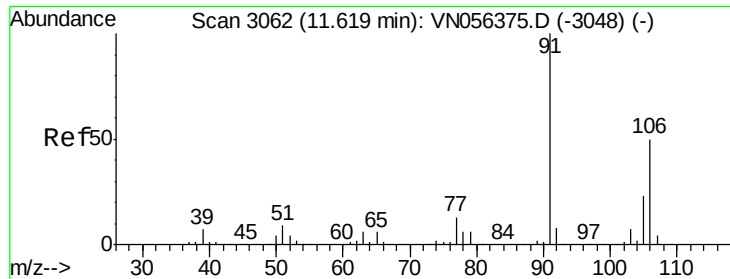
#67
Ethyl Benzene
Concen: 0.957 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056383.D
Acq: 19 Jun 2019 13:46

Tgt Ion: 91 Resp: 21633
Ion Ratio Lower Upper
91 100
106 31.6 25.1 37.7



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

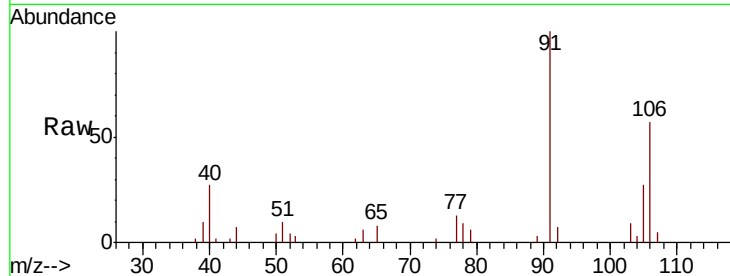




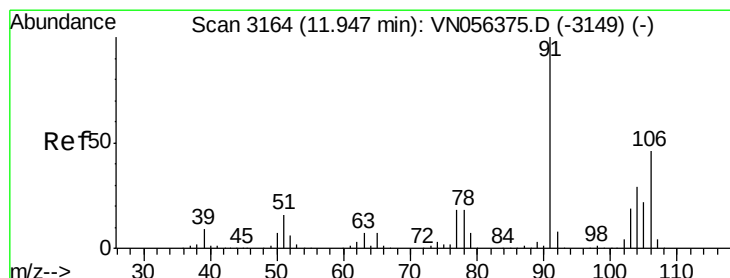
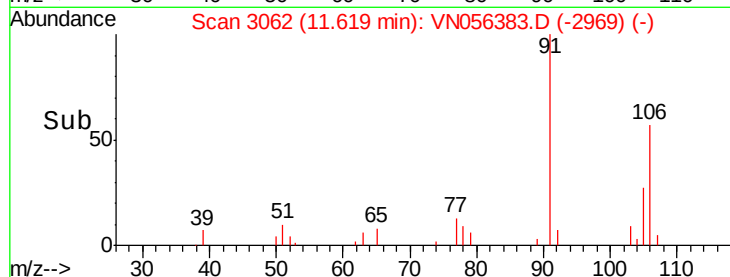
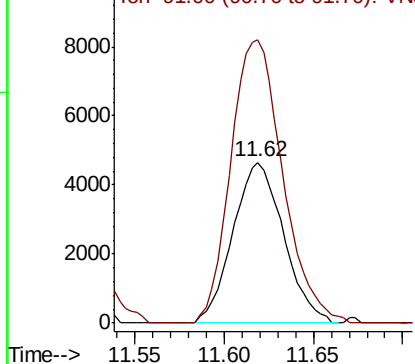
#68
m/p-Xylenes
Concen: 1.114 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056383.D
Acq: 19 Jun 2019 13:46

Instrument :
MSVOA_N
ClientSampled :
SAMPLE-3

Tot Ion:106 Resp: 9222
Ion Ratio Lower Upper
106 100
91 181.0 160.1 240.1

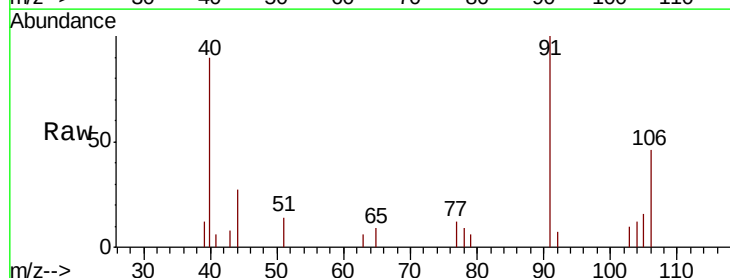


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

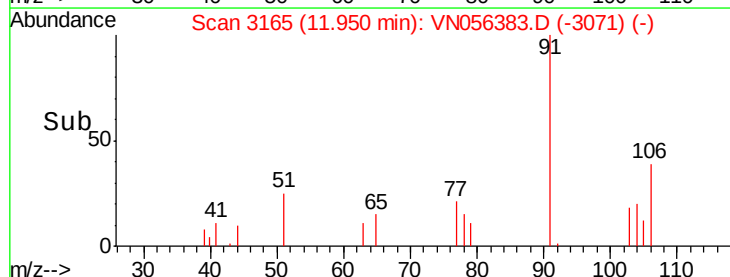
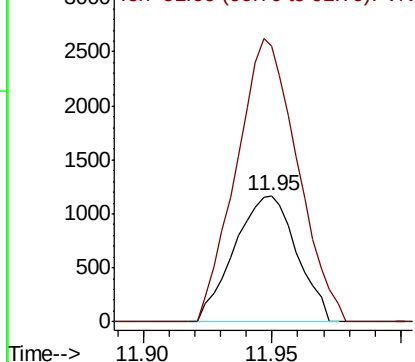


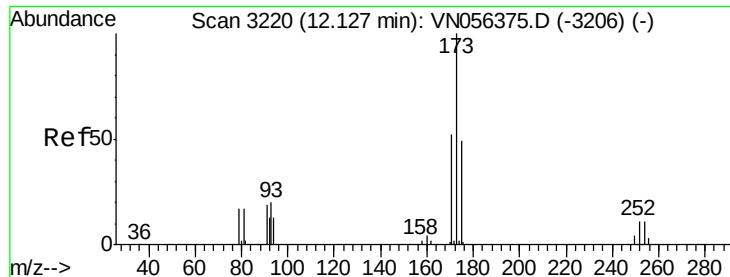
#69
o-Xylene
Concen: 0.240 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN056383.D
Acq: 19 Jun 2019 13:46

Tgt Ion:106 Resp: 1966
Ion Ratio Lower Upper
106 100
91 219.9 107.1 321.3



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





#71

Bromoform

Concen: 3.635 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

Instrument :

MSVOA_N

ClientSampled :

SAMPLE-3

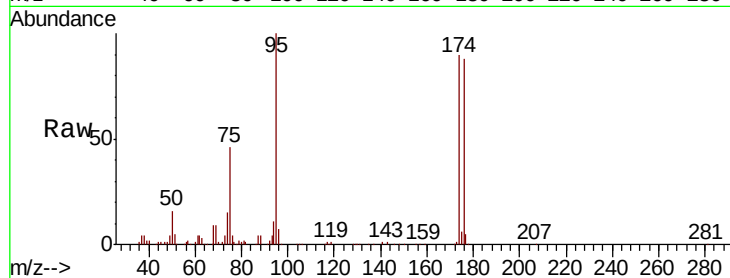
Tot Ion:173 Resp: 1842

Ion Ratio Lower Upper

173 100

175 809.4 24.4 73.4#

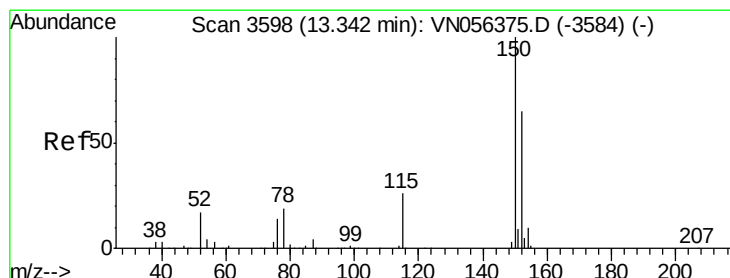
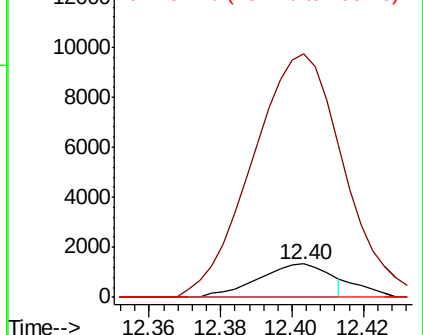
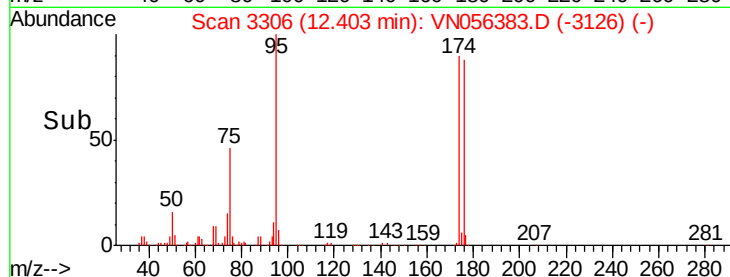
254 0.0 0.0 0.0



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: VN056383.D

Acq: 19 Jun 2019 13:46

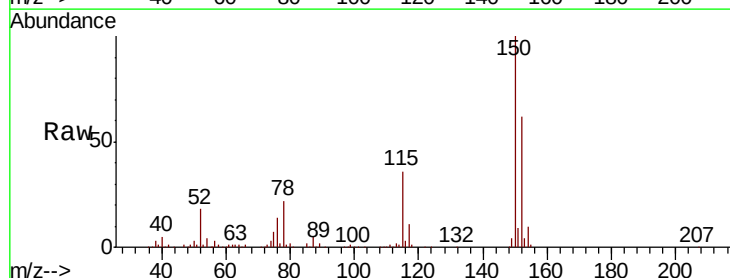
Tgt Ion:152 Resp: 194023

Ion Ratio Lower Upper

152 100

115 55.9 28.1 84.4

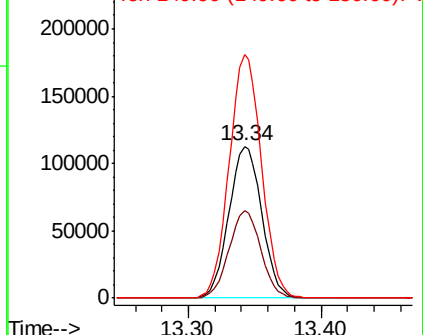
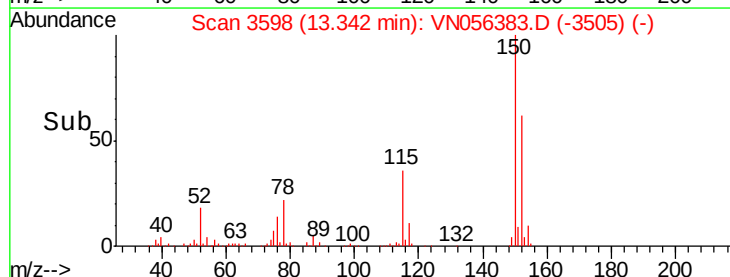
150 157.5 0.0 348.4

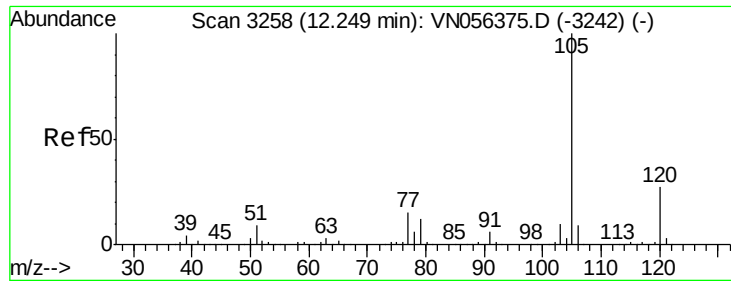


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

Instrument :

MSVOA_N

ClientSampleId :

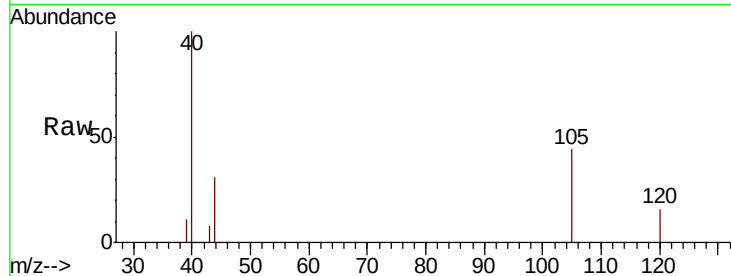
SAMPLE-3

Tot Ion:105 Resp: 1421

Ion Ratio Lower Upper

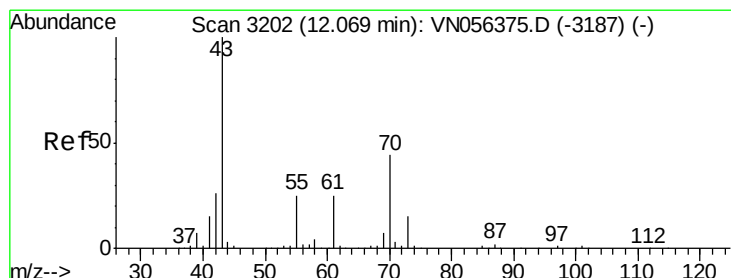
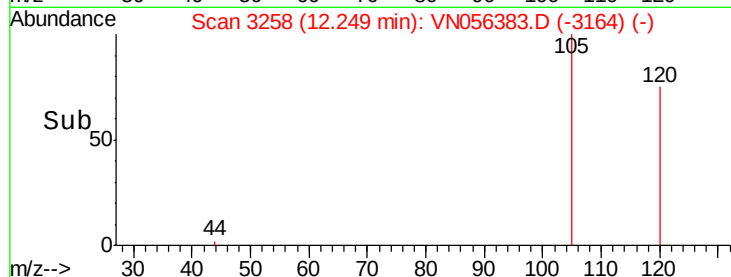
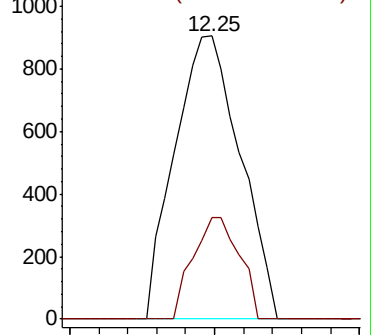
105 100

120 25.4 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.226 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

Tgt Ion: 43 Resp: 1393

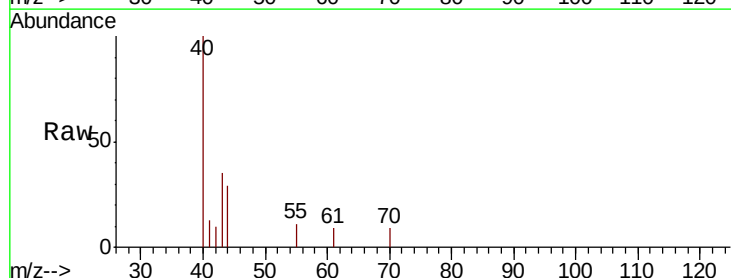
Ion Ratio Lower Upper

43 100

70 12.8 34.9 52.3#

55 8.5 20.4 30.6#

61 6.7 19.8 29.8#

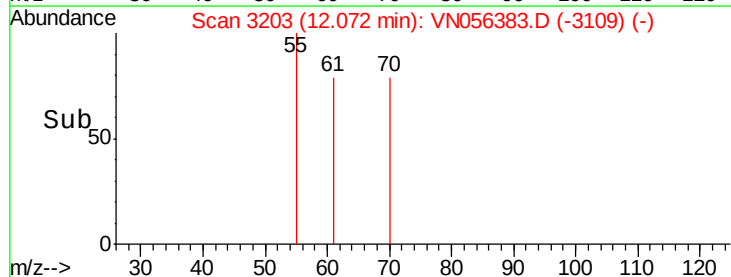
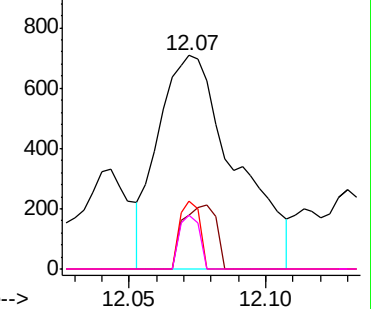


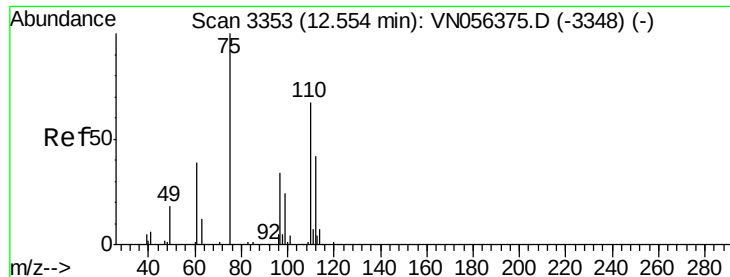
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

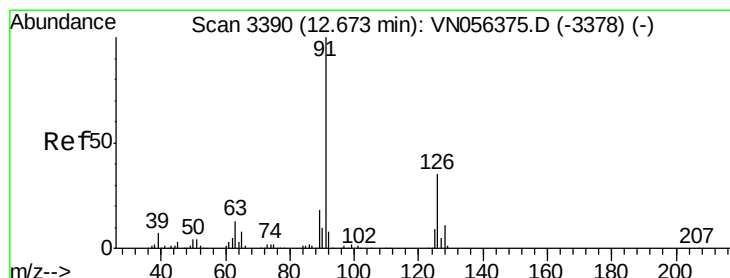
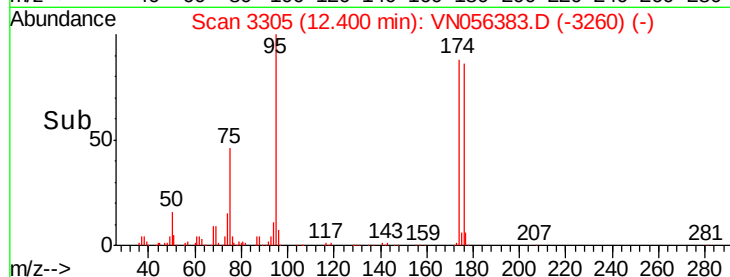
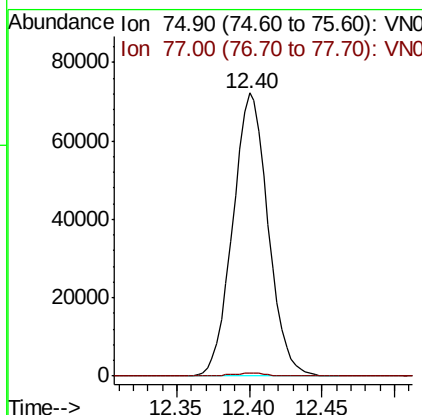
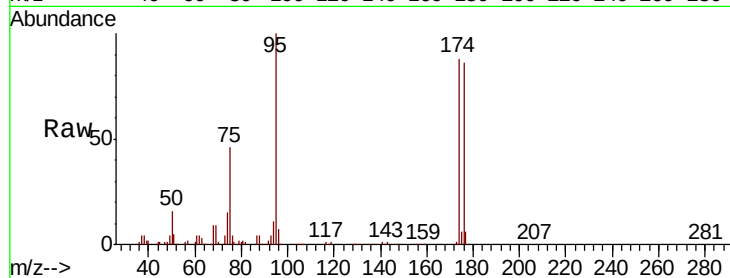




#76
 1,2,3-Trichloropropane
 Concen: 30.281 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN056383.D
 Acq: 19 Jun 2019 13:46

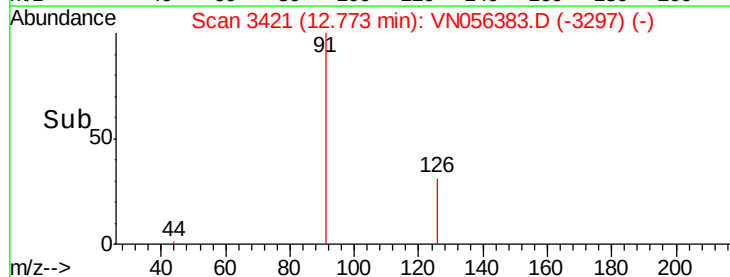
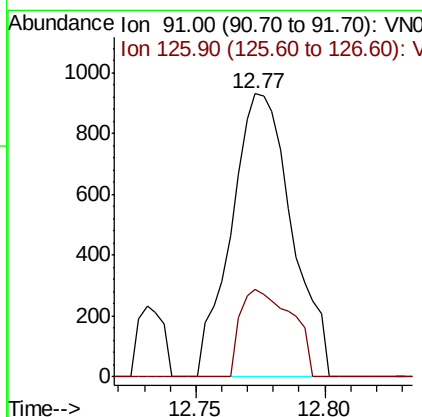
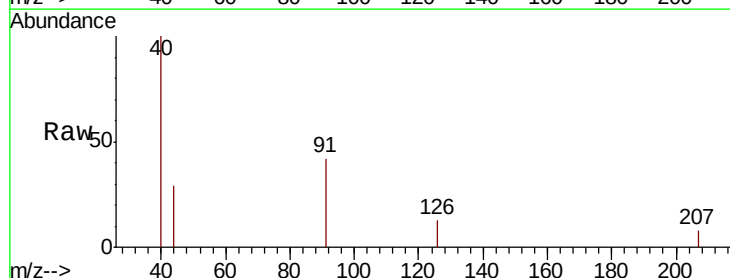
Instrument :
 MSVOA_N
 ClientSampled :
 SAMPLE-3

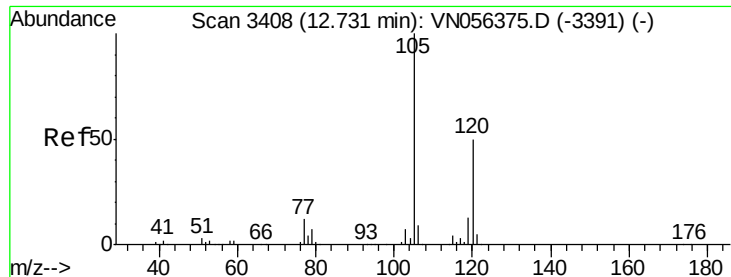
Tot Ion: 75 Resp: 121823
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.77 min Scan# 3421
 Delta R.T. 0.10 min
 Lab File: VN056383.D
 Acq: 19 Jun 2019 13:46

Tgt Ion: 91 Resp: 1523
 Ion Ratio Lower Upper
 91 100
 126 26.3 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: VN056383.D

Acq: 19 Jun 2019 13:46

Instrument :

MSVOA_N

ClientSampled :

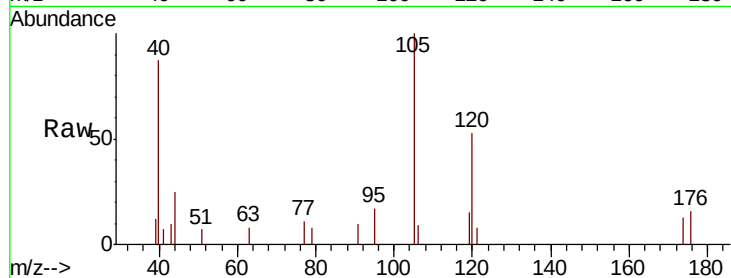
SAMPLE-3

Tot Ion:105 Resp: 4247

Ion Ratio Lower Upper

105 100

120 44.7 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

2500

2000

1500

1000

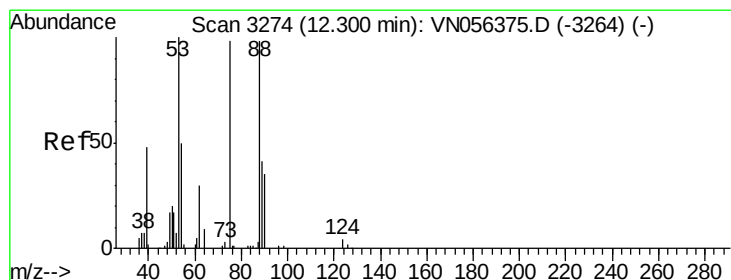
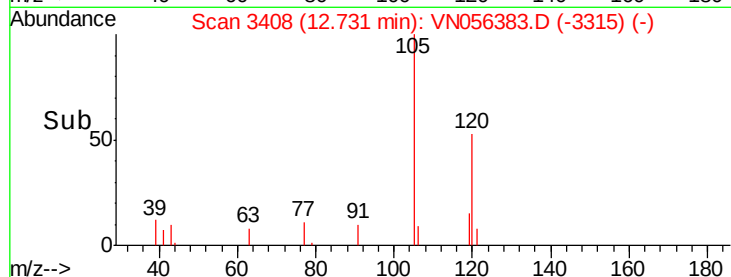
500

0

12.70

12.75

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 107.623 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

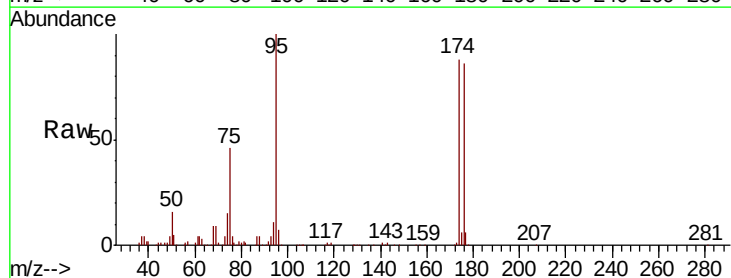
Tgt Ion: 75 Resp: 121823

Ion Ratio Lower Upper

75 100

53 0.0 83.9 125.9#

89 0.1 35.0 52.6#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

100000

80000

60000

40000

20000

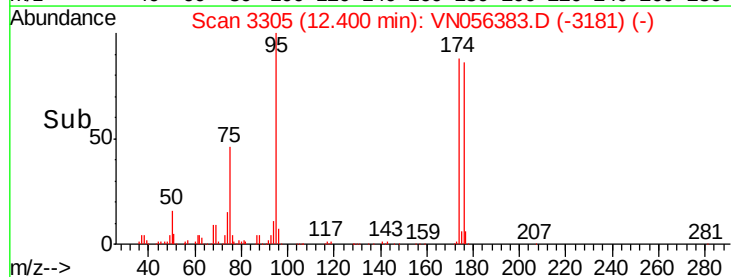
0

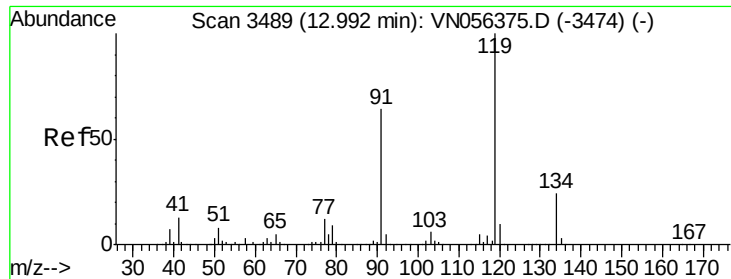
12.35

12.40

12.45

Time-->

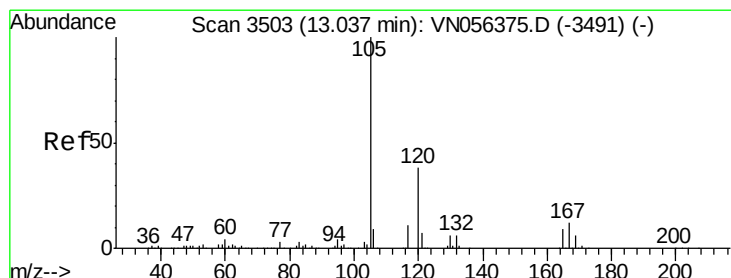
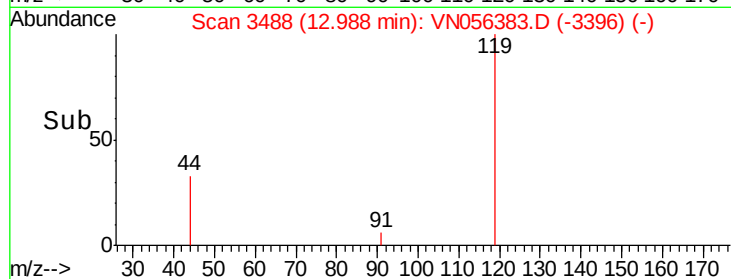
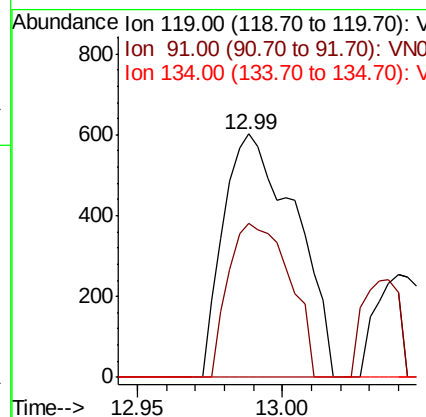
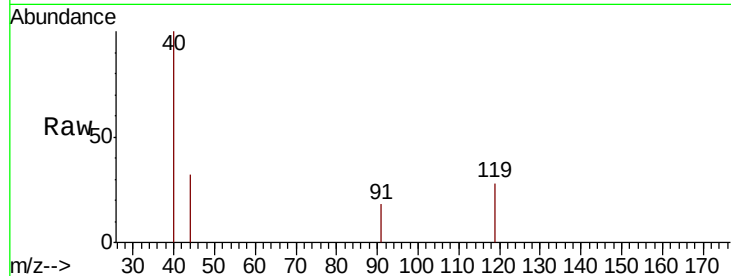




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN056383.D
 Acq: 19 Jun 2019 13:46

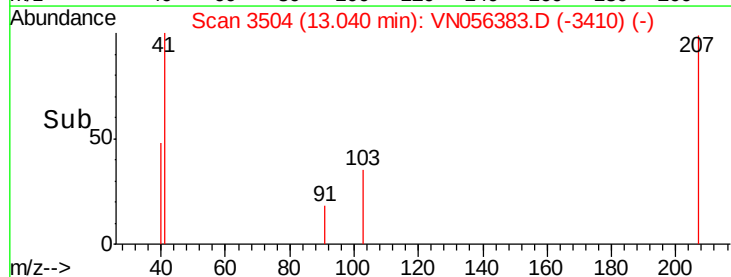
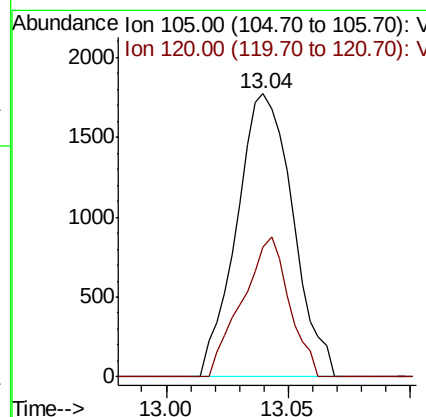
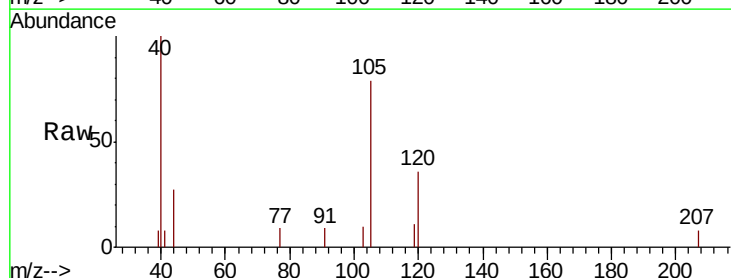
Instrument :
 MSVOA_N
 ClientSampled :
 SAMPLE-3

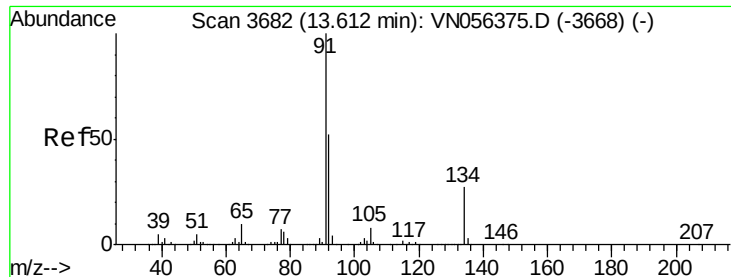
Tot Ion:119 Resp: 1037
 Ion Ratio Lower Upper
 119 100
 91 53.6 31.6 94.7
 134 0.0 13.2 39.5#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.217 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056383.D
 Acq: 19 Jun 2019 13:46

Tgt Ion:105 Resp: 2837
 Ion Ratio Lower Upper
 105 100
 120 41.4 22.9 68.8





#89

n-Butylbenzene

Concen: 0.239 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.01 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

Instrument :

MSVOA_N

ClientSampled :

SAMPLE-3

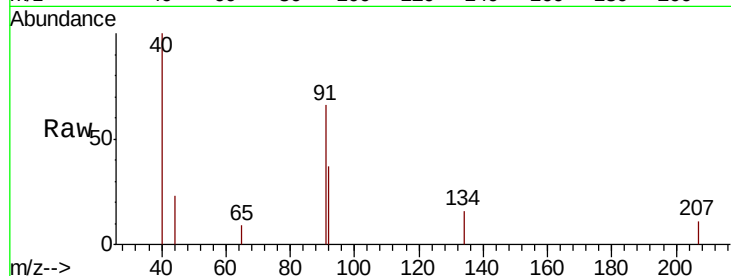
Tot Ion: 91 Resp: 2422

Ion Ratio Lower Upper

91 100

92 56.4 26.2 78.5

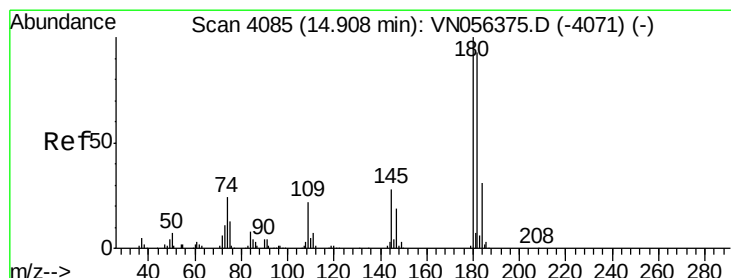
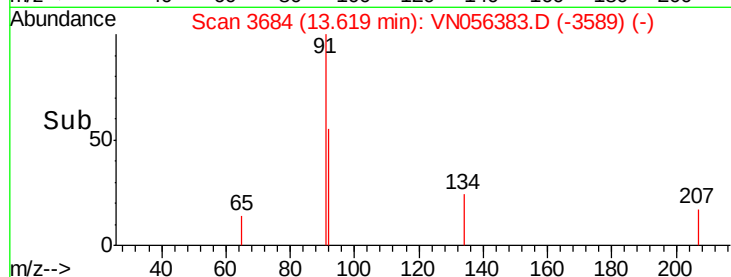
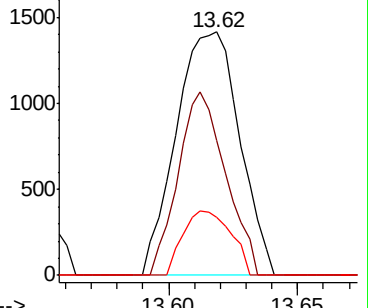
134 20.1 13.4 40.2



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) (-)



#93

1,2,4-Trichlorobenzene

Concen: 5.993 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

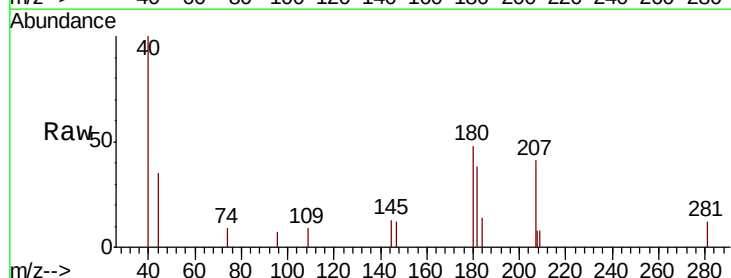
Tgt Ion: 180 Resp: 1451

Ion Ratio Lower Upper

180 100

182 85.2 46.9 140.6

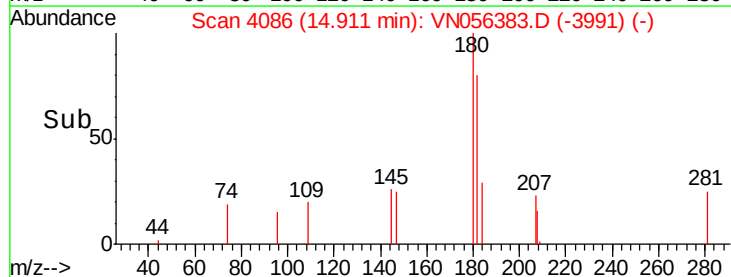
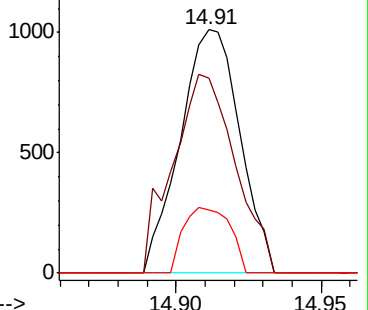
145 21.0 14.4 43.0

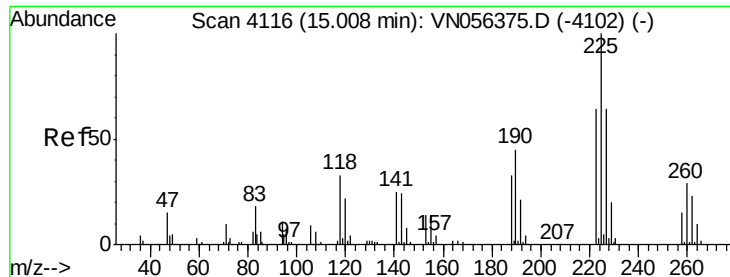


Abundance Ion 179.80 (179.50 to 180.50): VN056375.D (-4071) (-)

Ion 181.80 (181.50 to 182.50): VN056375.D (-4071) (-)

Ion 144.80 (144.50 to 145.50): VN056375.D (-4071) (-)





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4115

Delta R.T. -0.00 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

Instrument :

MSVOA_N

ClientSampleId :

SAMPLE-3

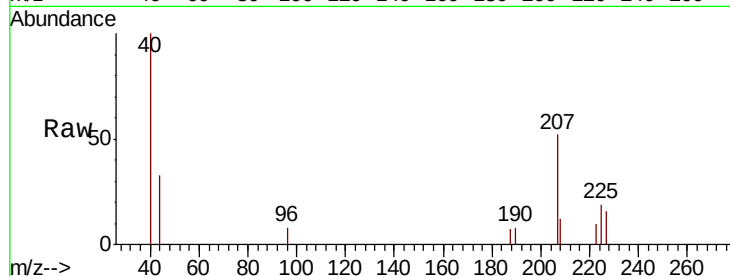
Tot Ion:225 Resp: 537

Ion Ratio Lower Upper

225 100

223 52.1 31.4 94.3

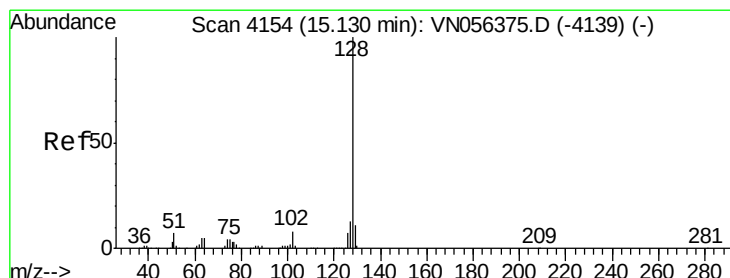
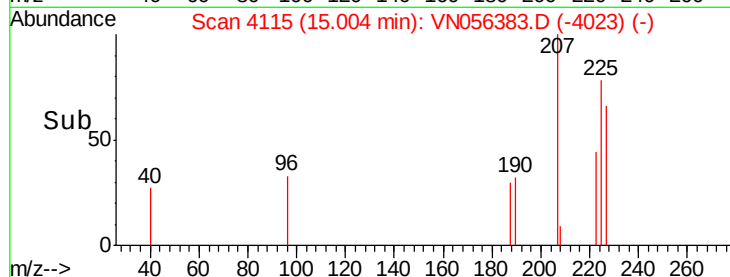
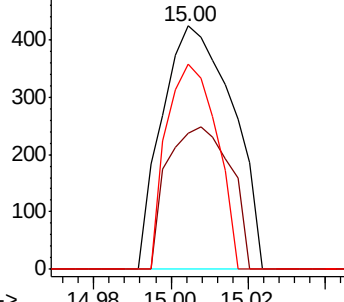
227 60.0 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 6.053 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056383.D

Acq: 19 Jun 2019 13:46

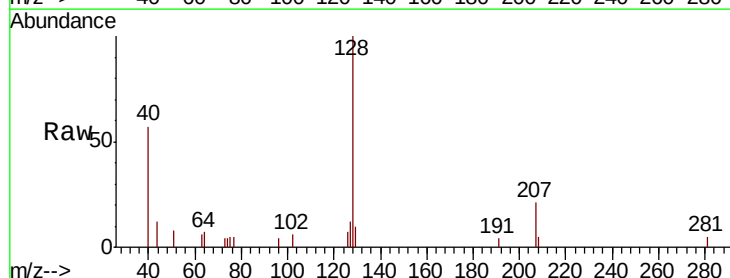
Tgt Ion:128 Resp: 8021

Ion Ratio Lower Upper

128 100

127 11.2 10.2 15.2

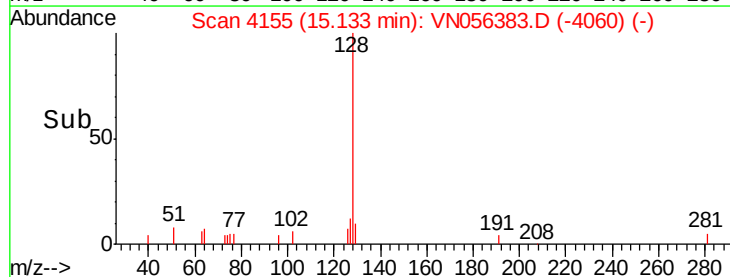
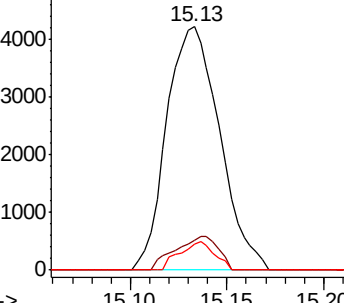
129 7.7 8.6 12.8#

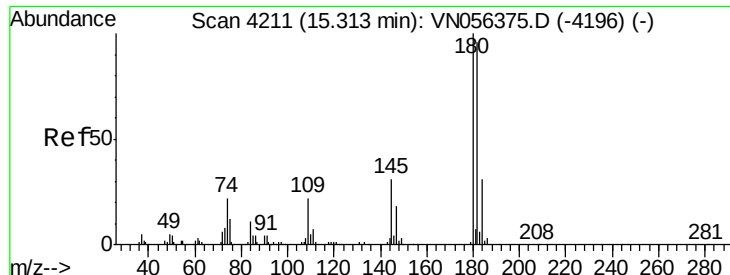


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

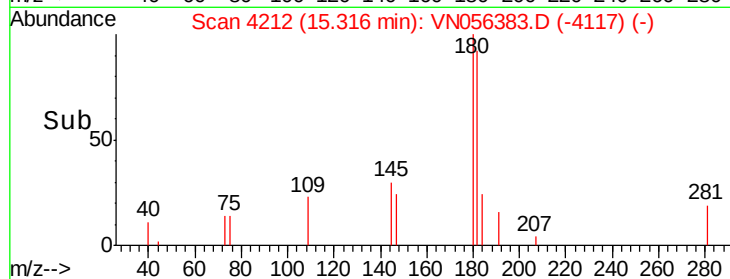
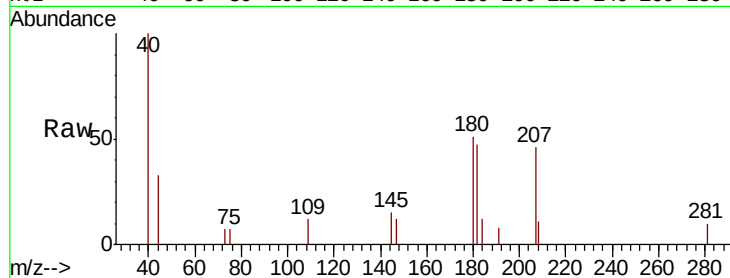




#96
 1,2,3-Trichlorobenzene
 Concen: 4.974 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN056383.D
 Acq: 19 Jun 2019 13:46

Instrument :
 MSVOA_N
 ClientSampleId :
 SAMPLE-3

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.3	144.8
145	28.6	15.4	46.1



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

