

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
 Data File : VN056611.D
 Acq On : 8 Jul 2019 15:54
 Operator : JC/SP
 Sample : K3668-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRANSFORMER-1

Quant Time: Jul 09 03:45:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	298679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	520080	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	549302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	229396	50.00	ug/l	0.00

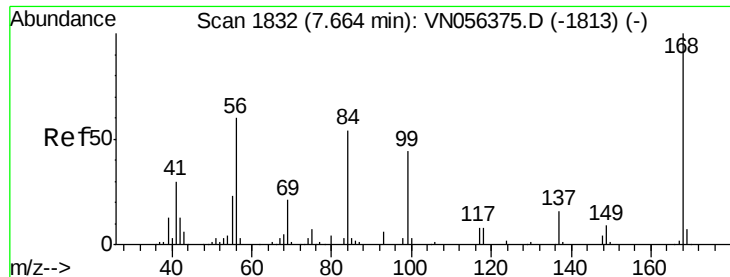
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	175529	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
35) Dibromofluoromethane	7.59	113	156171	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
50) Toluene-d8	10.09	98	662406	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.40	95	247367	58.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.56%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.79	59	4466	8.010	ug/l #	84
16) Acetone	3.82	43	51241	30.896	ug/l	99
20) Methylene Chloride	4.55	84	9525	2.196	ug/l	90
25) 2-Butanone	6.85	43	13776	6.276	ug/l	97
27) cis-1,2-Dichloroethene	6.84	96	1037	0.312	ug/l	91
29) Tetrahydrofuran	7.22	42	58045	43.272	ug/l	98
30) Chloroform	7.37	83	3081	0.590	ug/l	97
31) Cyclohexane	7.67	56	4824	0.944	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	19931	4.354	ug/l #	47
37) Ethyl Acetate	6.85	43	13776	3.062	ug/l #	69
38) Carbon Tetrachloride	7.66	117	25683	6.416	ug/l #	14
41) Methacrylonitrile	7.22	41	32131	16.175	ug/l #	28
43) Isopropyl Acetate	8.17	43	20182	2.909	ug/l #	92
44) Trichloroethene	8.83	130	3038	0.801	ug/l	92
45) 1,2-Dichloropropane	9.27	63	1609	0.427	ug/l #	43
48) Methyl methacrylate	9.18	41	10463	3.010	ug/l #	21
51) 4-Methyl-2-Pentanone	9.98	43	4420	0.987	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	53031	10.539	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	10650	1.832	ug/l #	42
59) 2-Hexanone	10.76	43	150776	45.820	ug/l #	51
71) Bromoform	12.40	173	2110	3.800	ug/l #	1
73) Isopropylbenzene	12.25	105	195	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	114622	24.098	ug/l #	100
79) 2-Chlorotoluene	12.66	91	184	Below Cal	#	40
80) 1,3,5-Trimethylbenzene	12.73	105	3833	Below Cal		94
81) trans-1,4-Dichloro-2-buten	12.40	75	114622	85.647	ug/l #	8
83) tert-Butylbenzene	13.04	119	418	Below Cal	#	84
84) 1,2,4-Trimethylbenzene	13.04	105	4190	0.271	ug/l	95
93) 1,2,4-Trichlorobenzene	14.91	180	217	5.662	ug/l #	1
95) Naphthalene	15.13	128	27157	7.561	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: VN056611.D

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Instrument :

MSVOA_N

ClientSampleId :

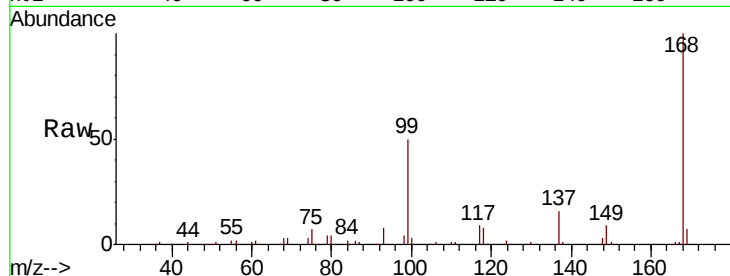
TRANSFORMER-1

Tot Ion:168 Resp: 298679

Ion Ratio Lower Upper

168 100

99 49.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

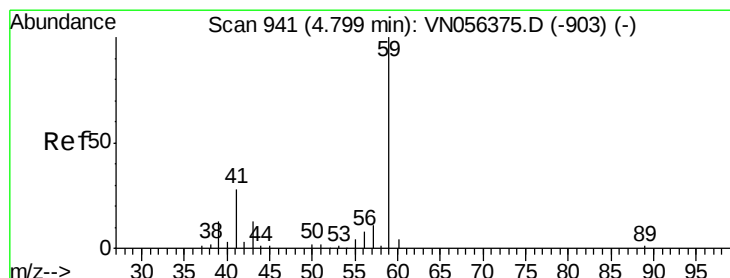
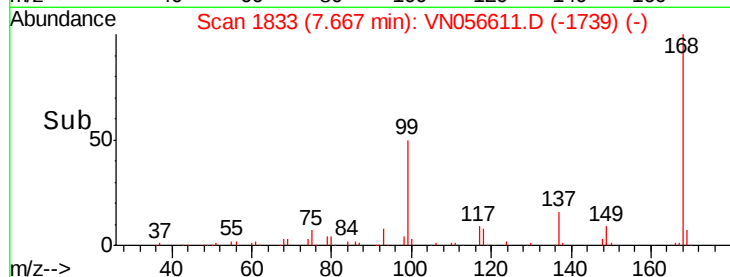
100000

50000

0

Time-->

7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 8.010 ug/l

RT: 4.79 min Scan# 939

Delta R.T. -0.01 min

Lab File: VN056611.D

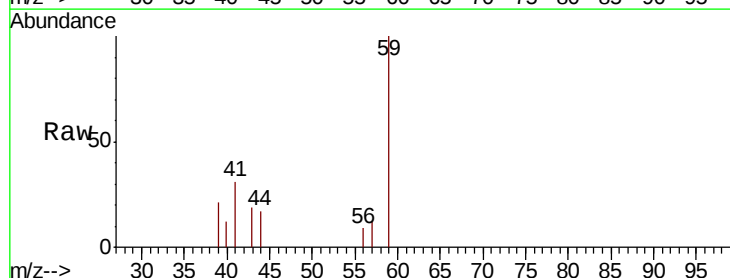
Acq: 8 Jul 2019 15:54

Tgt Ion: 59 Resp: 4466

Ion Ratio Lower Upper

59 100

57 15.3 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

2500

2000

1500

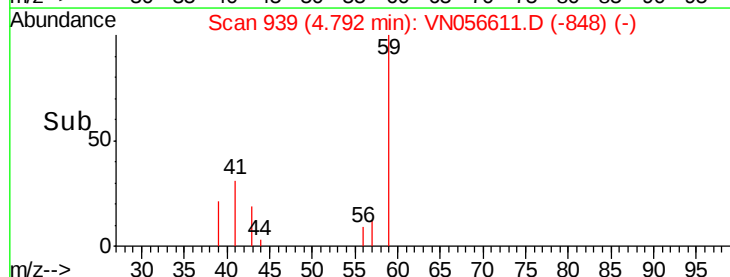
1000

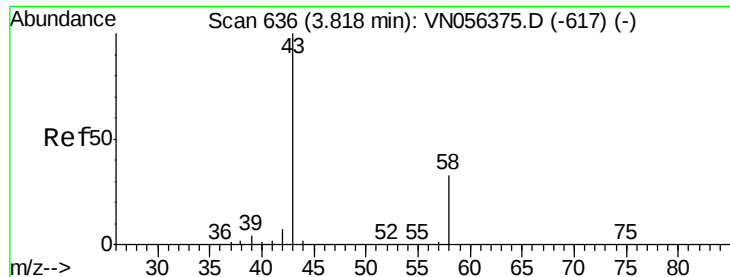
500

0

Time-->

4.70 4.75 4.80





#16

Acetone

Concen: 30.896 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056611.D

Acq: 8 Jul 2019 15:54

Instrument :

MSVOA_N

ClientSampleId :

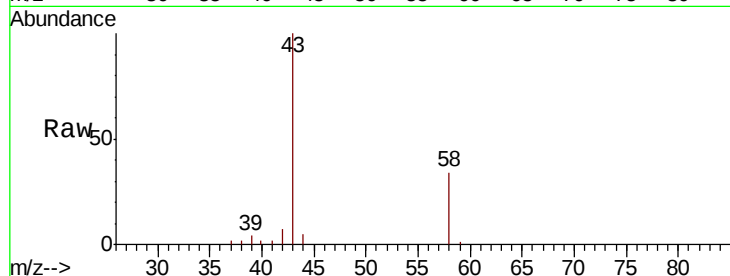
TRANSFORMER-1

Tot Ion: 43 Resp: 51241

Ion Ratio Lower Upper

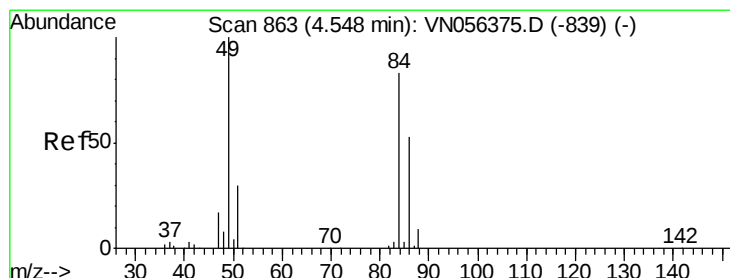
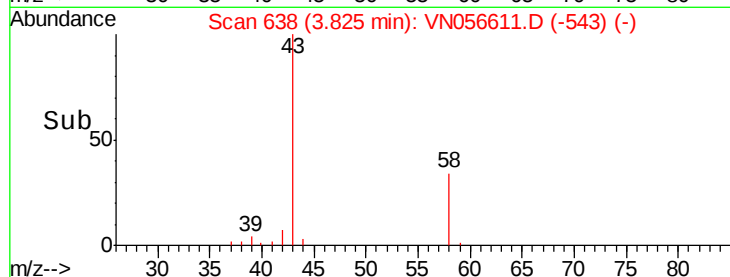
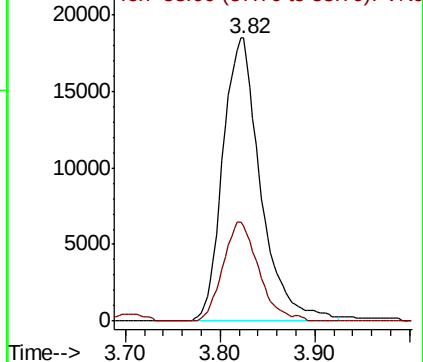
43 100

58 33.7 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#20

Methylene Chloride

Concen: 2.196 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN056611.D

Acq: 8 Jul 2019 15:54

Tgt Ion: 84 Resp: 9525

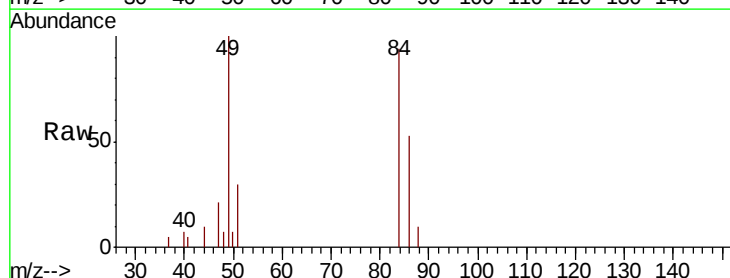
Ion Ratio Lower Upper

84 100

49 106.8 96.4 144.6

51 32.5 28.6 43.0

86 57.0 51.4 77.2

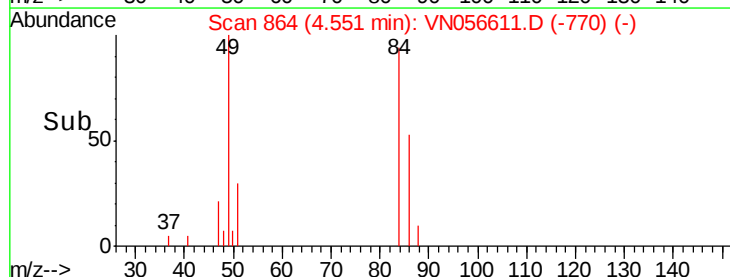
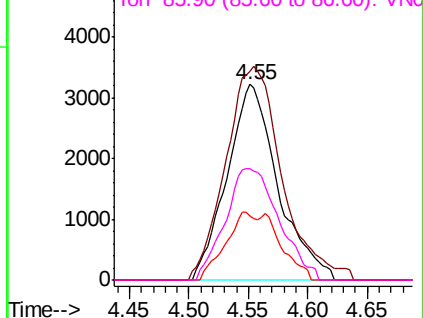


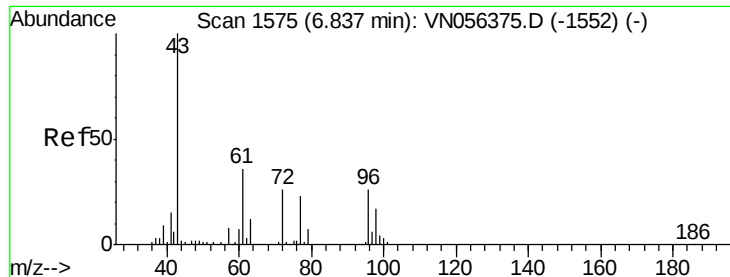
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

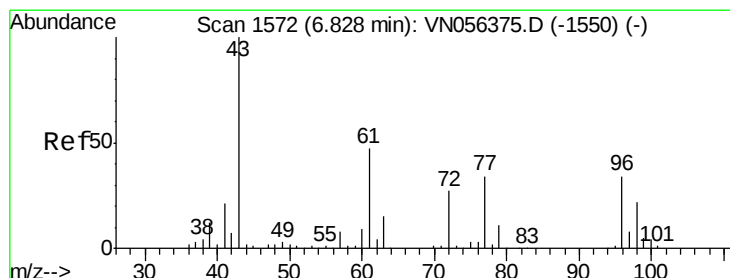
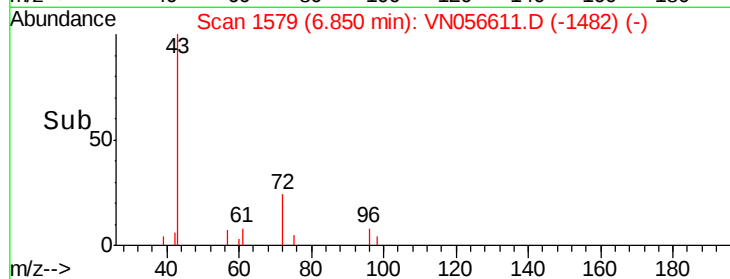
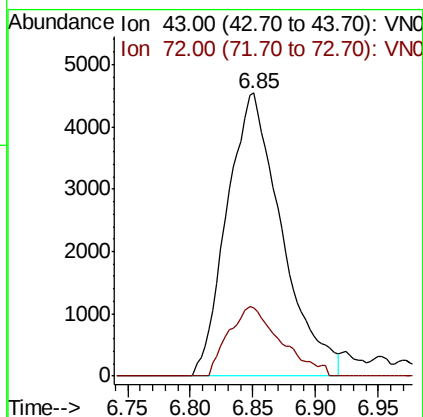
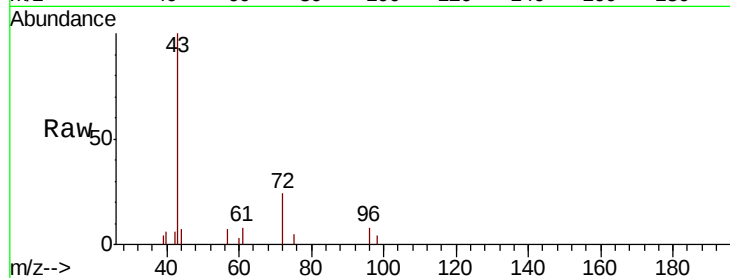




#25
2-Butanone
Concen: 6.276 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN056611.D
Acq: 8 Jul 2019 15:54

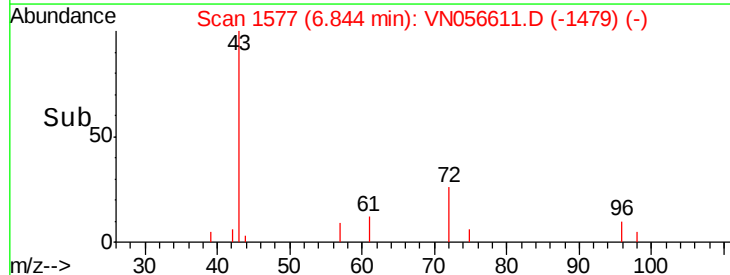
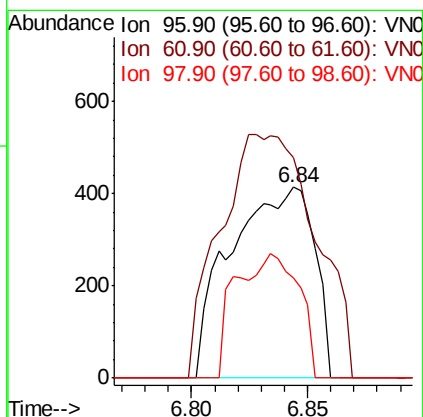
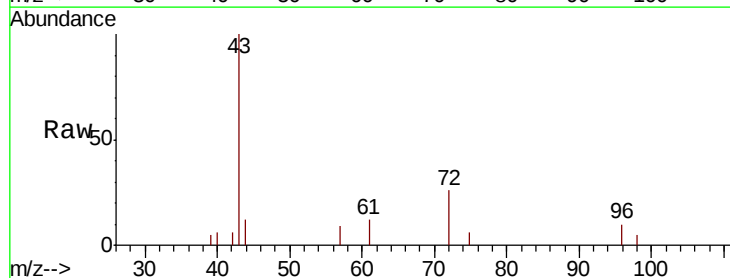
Instrument :
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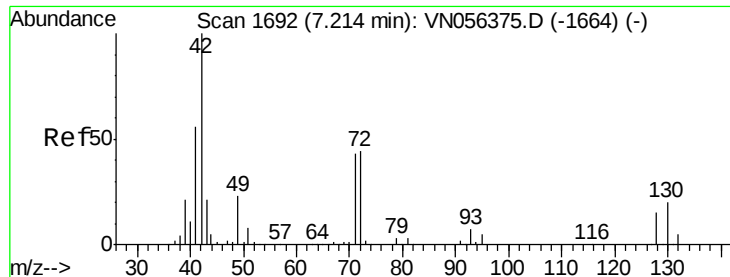
Tot Ion: 43 Resp: 13776
Ion Ratio Lower Upper
43 100
72 24.1 20.6 31.0



#27
cis-1,2-Dichloroethene
Concen: 0.312 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.02 min
Lab File: VN056611.D
Acq: 8 Jul 2019 15:54

Tgt Ion: 96 Resp: 1037
Ion Ratio Lower Upper
96 100
61 144.6 0.0 279.8
98 49.2 0.0 130.0

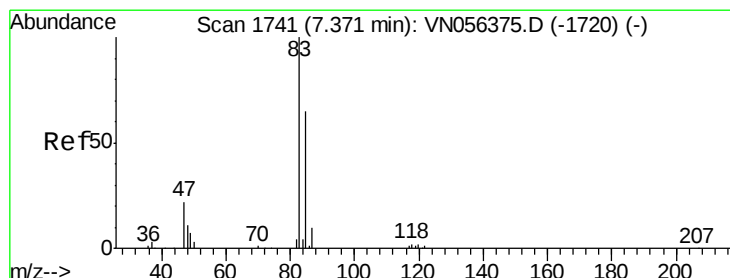
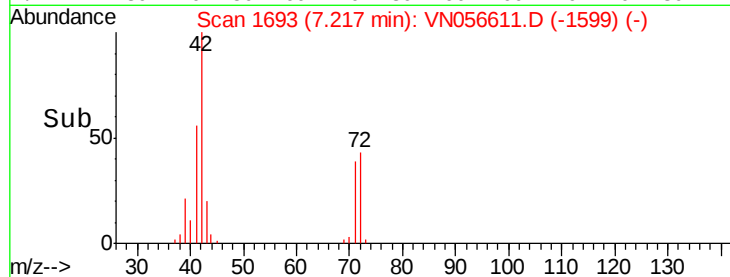
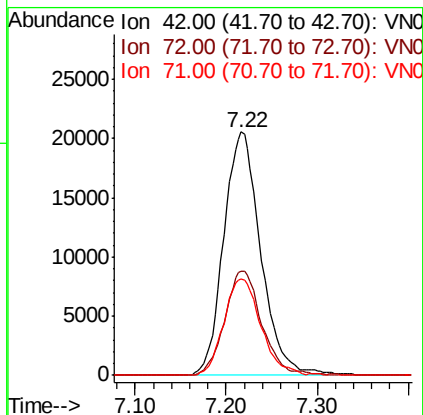
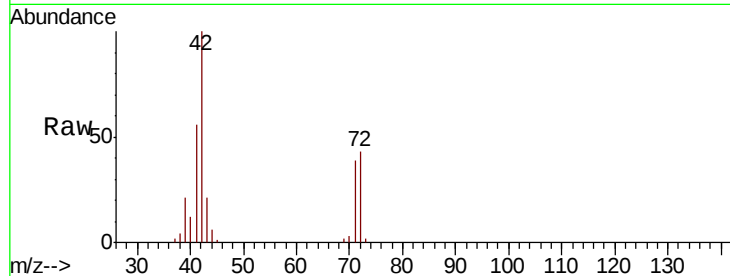




#29
Tetrahydrofuran
Concen: 43.272 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056611.D
Acq: 8 Jul 2019 15:54

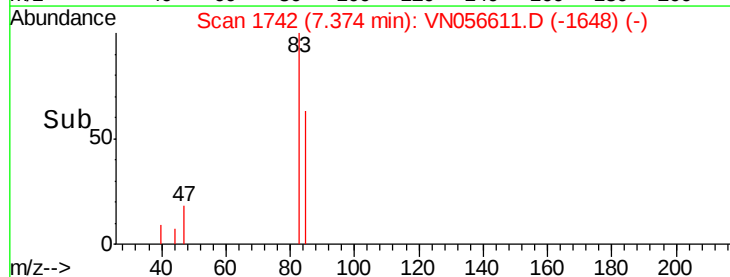
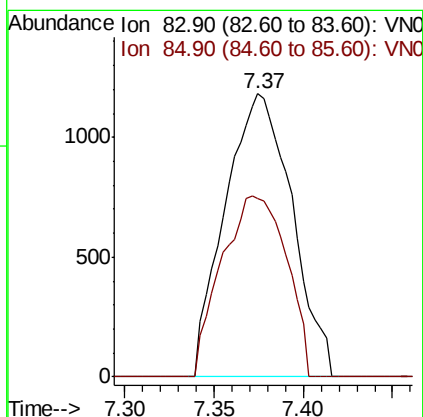
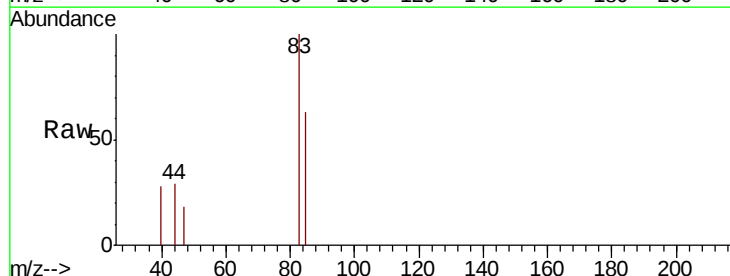
Instrument :
MSVOA_N
ClientSampleId :
TRANSFORMER-1

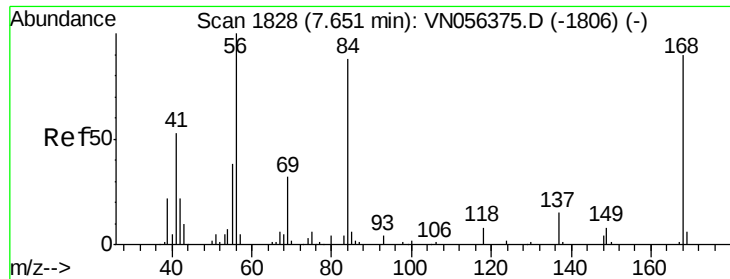
Tot Ion: 42 Resp: 58045
Ion Ratio Lower Upper
42 100
72 42.8 34.7 52.1
71 39.5 33.0 49.6



#30
Chloroform
Concen: 0.590 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN056611.D
Acq: 8 Jul 2019 15:54

Tgt Ion: 83 Resp: 3081
Ion Ratio Lower Upper
83 100
85 63.2 52.3 78.5

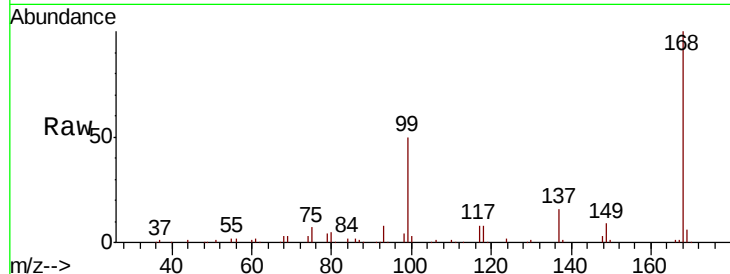




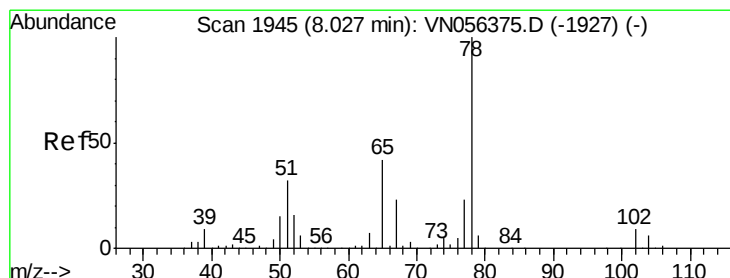
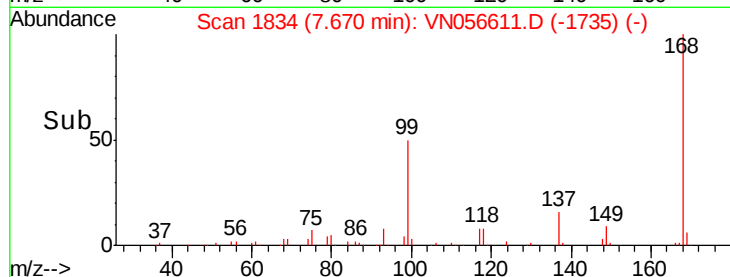
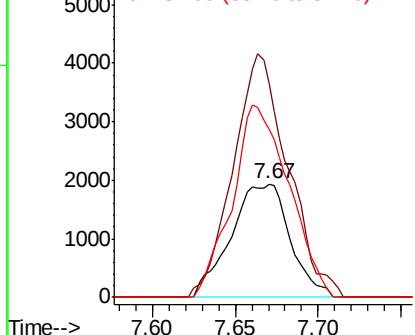
#31
Cyclohexane
Concen: 0.944 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.02 min
Lab File: VN056611.D
Acq: 8 Jul 2019 15:54

Instrument :
MSVOA_N
ClientSampleId :
TRANSFORMER-1

Tot Ion: 56 Resp: 4824
Ion Ratio Lower Upper
56 100
69 188.5 25.8 38.6#
84 148.0 69.4 104.0#

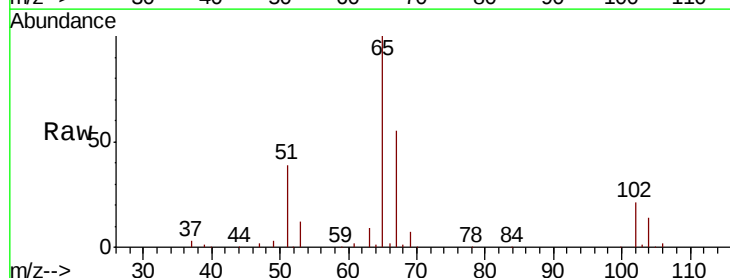


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

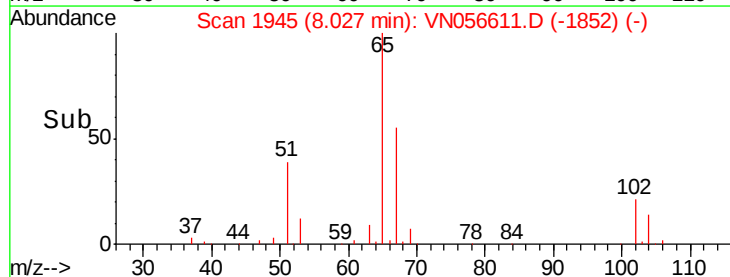
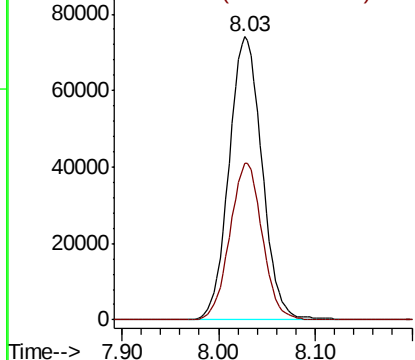


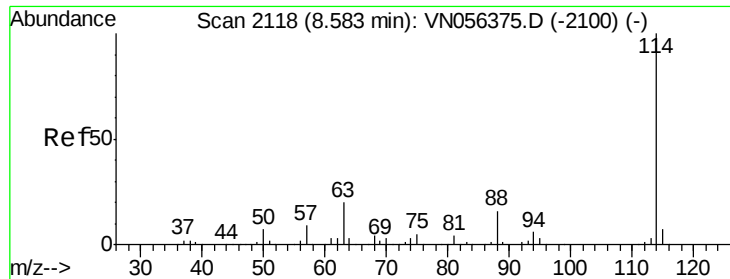
#33
1,2-Dichloroethane-d4
Concen: 53.025 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056611.D
Acq: 8 Jul 2019 15:54

Tgt Ion: 65 Resp: 175529
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

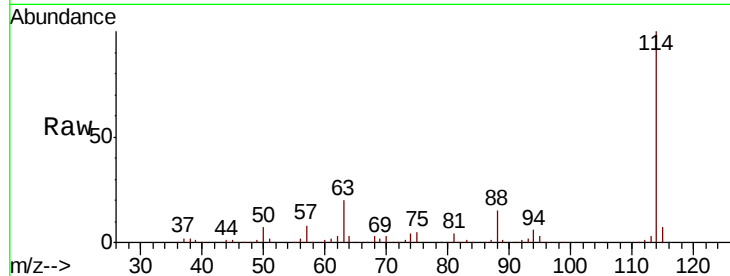




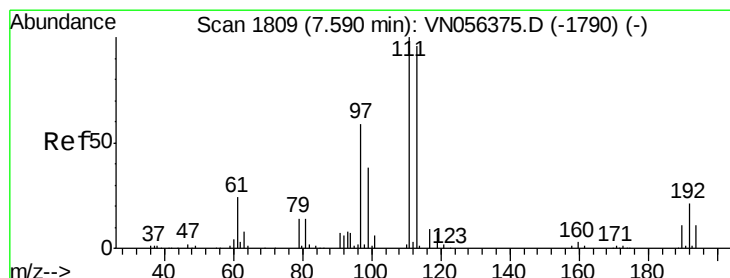
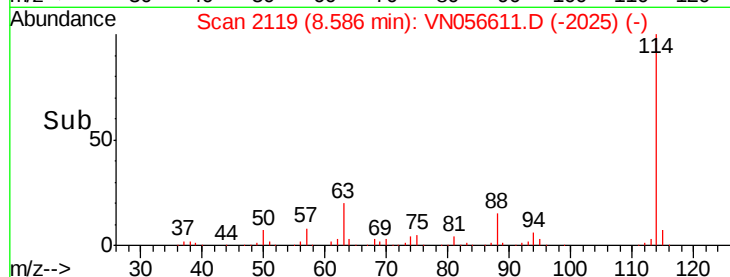
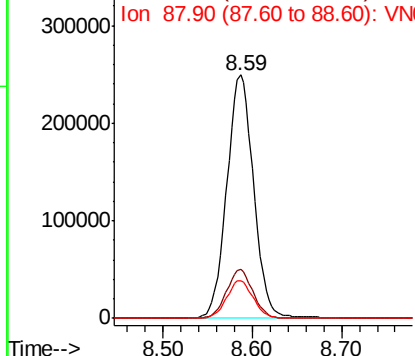
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056611.D
 Acq: 8 Jul 2019 15:54

Instrument :
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Tot Ion:114 Resp: 520080
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.2
 88 15.4 0.0 31.4

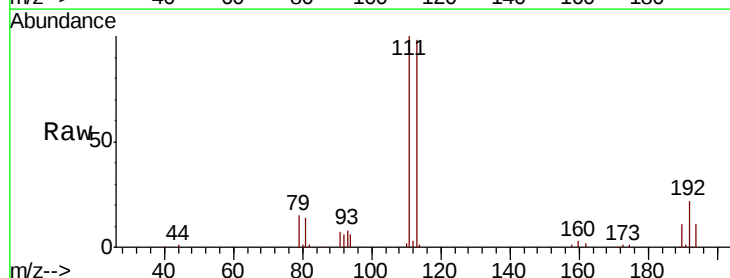


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

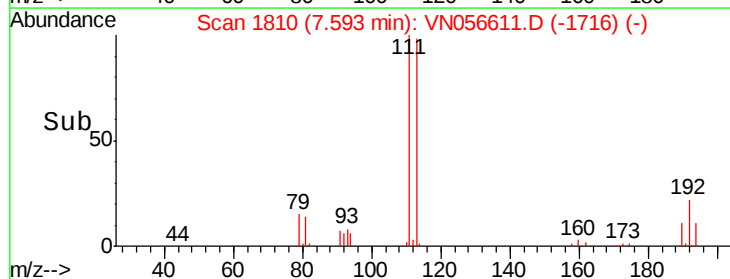
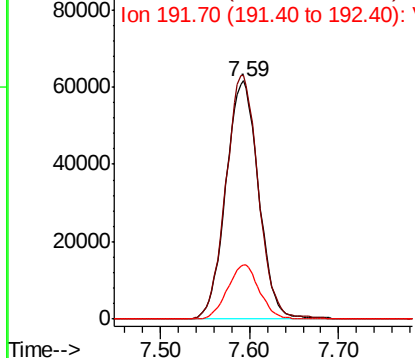


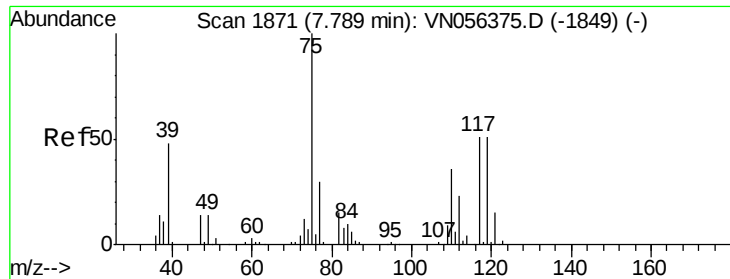
#35
 Dibromofluoromethane
 Concen: 48.135 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056611.D
 Acq: 8 Jul 2019 15:54

Tgt Ion:113 Resp: 156171
 Ion Ratio Lower Upper
 113 100
 111 101.1 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

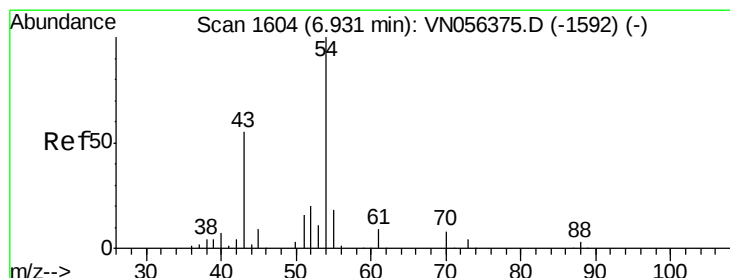
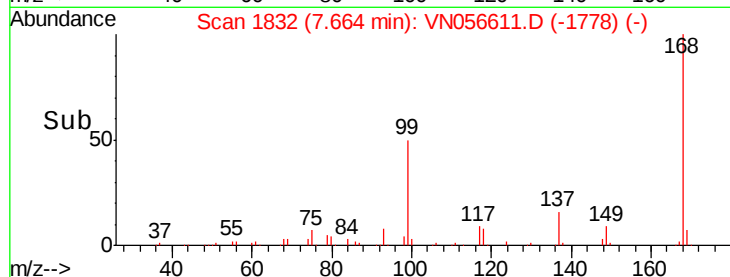
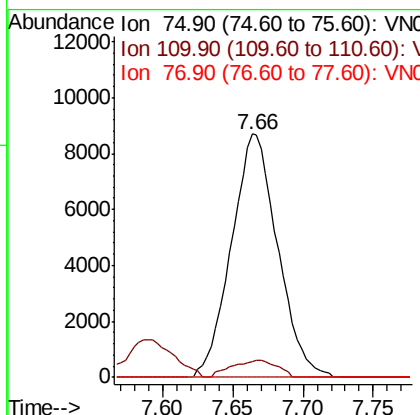
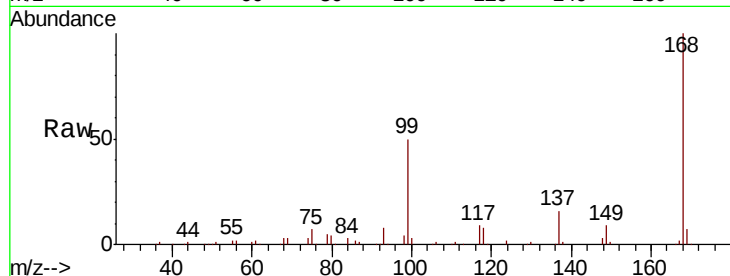




#36
 1,1-Dichloropropene
 Concen: 4.354 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056611.D
 Acq: 8 Jul 2019 15:54

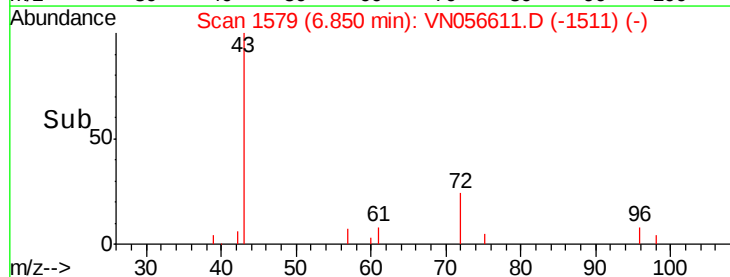
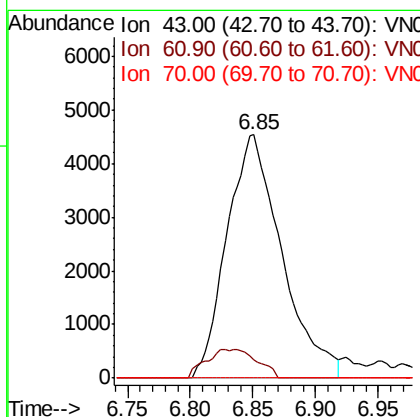
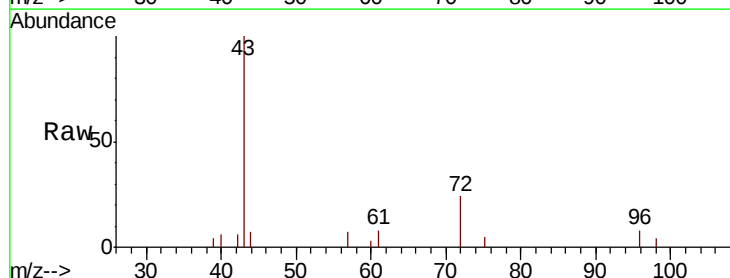
Instrument :
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 ClientSampleId :
 TRANSFORMER-1

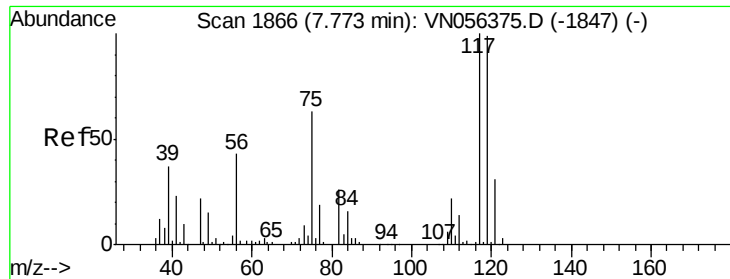
Tot Ion	75	Resp	19931
Ion Ratio	Lower	Upper	
75	100		
110	6.9	18.1	54.3#
77	0.0	24.6	36.8#



#37
 Ethyl Acetate
 Concen: 3.062 ug/l
 RT: 6.85 min Scan# 1579
 Delta R.T. -0.08 min
 Lab File: VN056611.D
 Acq: 8 Jul 2019 15:54

Tgt Ion	43	Resp	13776
Ion Ratio	Lower	Upper	
43	100		
61	0.0	11.1	16.7#
70	0.0	8.3	12.5#





#38

Carbon Tetrachloride

Concen: 6.416 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN056611.D

Acq: 8 Jul 2019 15:54

Instrument :

MSVOA_N

ClientSampleId :

TRANSFORMER-1

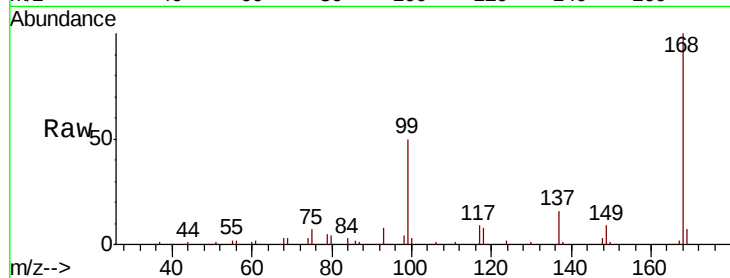
Tot Ion:117 Resp: 25683

Ion Ratio Lower Upper

117 100

119 4.5 79.1 118.7#

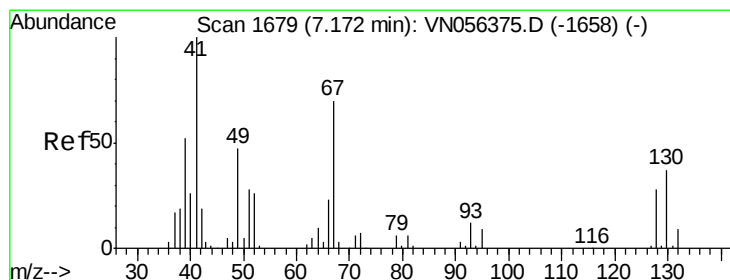
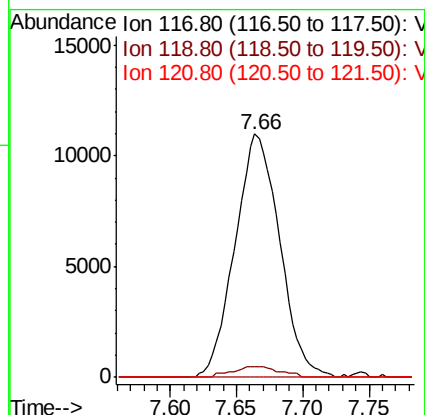
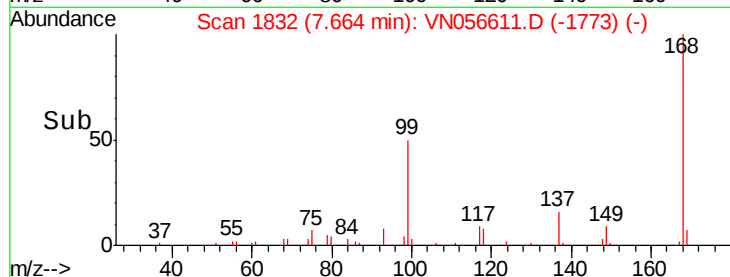
121 0.0 24.8 37.2#



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



#41

Methacrylonitrile

Concen: 16.175 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.04 min

Lab File: VN056611.D

Acq: 8 Jul 2019 15:54

Tgt Ion: 41 Resp: 32131

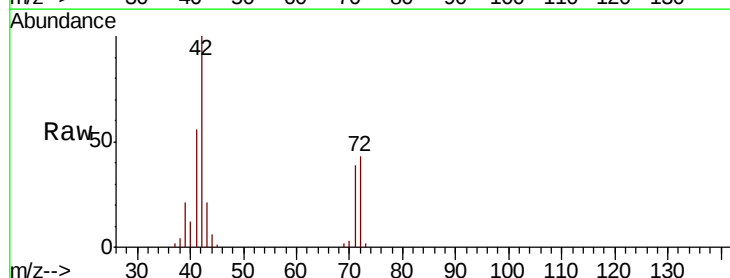
Ion Ratio Lower Upper

41 100

39 39.5 55.3 82.9#

67 0.0 79.2 118.8#

52 0.0 31.4 47.0#

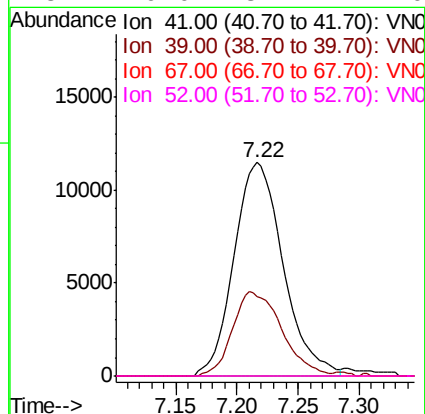
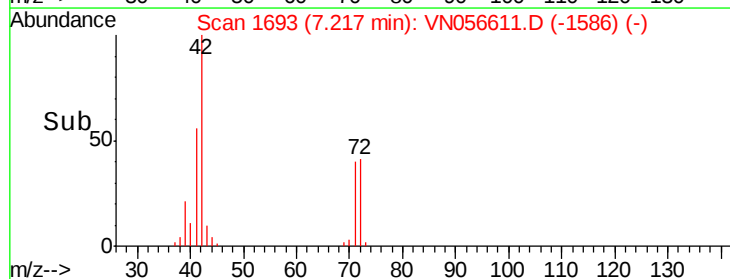


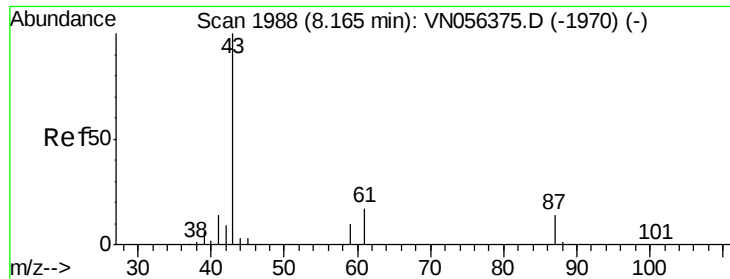
Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC





#43

Isopropyl Acetate

Concen: 2.909 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056611.D

Acq: 8 Jul 2019 15:54

Instrument :

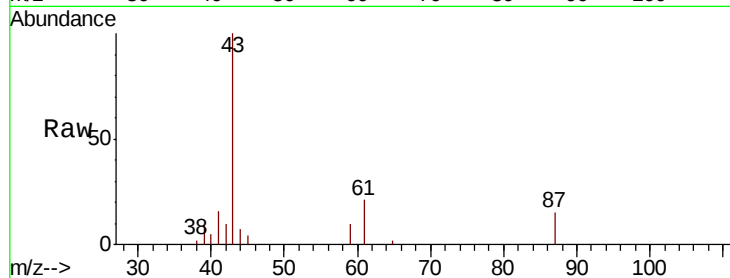
MSVOA_N

ClientSampleId :

TRANSFORMER-1

Tot Ion: 43 Resp: 20182

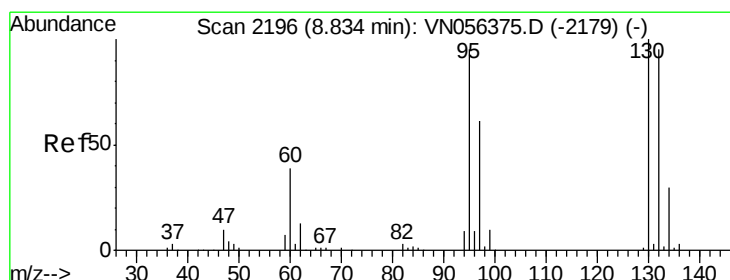
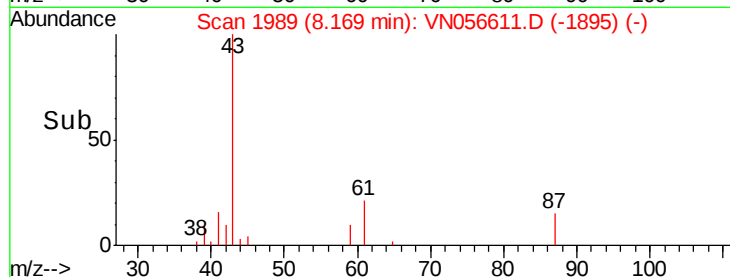
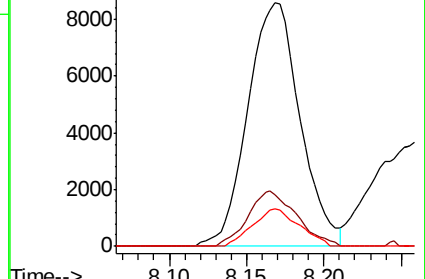
Ion	Ratio	Lower	Upper
43	100		
61	21.1	22.0	33.0#
87	13.7	11.0	16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056611.D (-1989) (-)

Ion 61.00 (60.70 to 61.70): VN056611.D (-1989) (-)

Ion 87.00 (86.70 to 87.70): VN056611.D (-1989) (-)



#44

Trichloroethene

Concen: 0.801 ug/l

RT: 8.83 min Scan# 2196

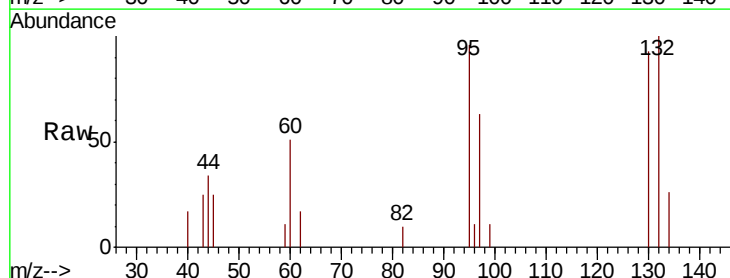
Delta R.T. -0.00 min

Lab File: VN056611.D

Acq: 8 Jul 2019 15:54

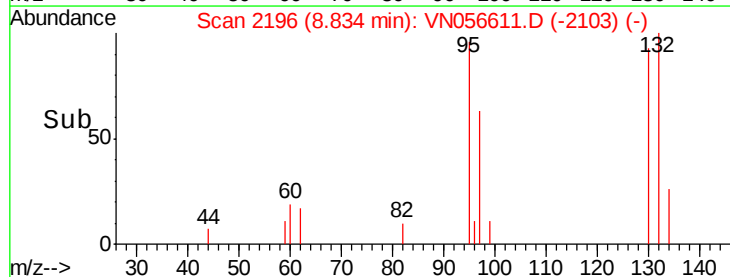
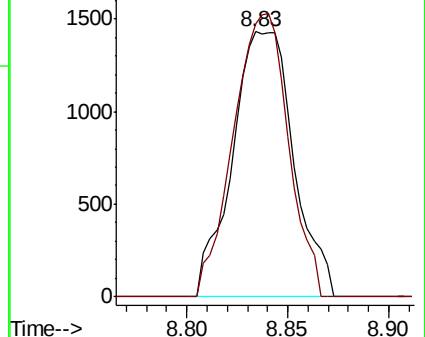
Tgt Ion: 130 Resp: 3038

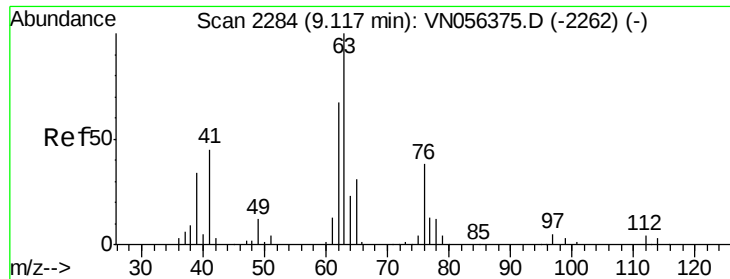
Ion	Ratio	Lower	Upper
130	100		
95	102.9	0.0	191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056611.D (-2196) (-)

Ion 94.90 (94.60 to 95.60): VN056611.D (-2196) (-)





#45

1,2-Dichloropropane

Concen: 0.427 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN056611.D

Acq: 8 Jul 2019 15:54

Instrument :

MSVOA_N

ClientSampleId :

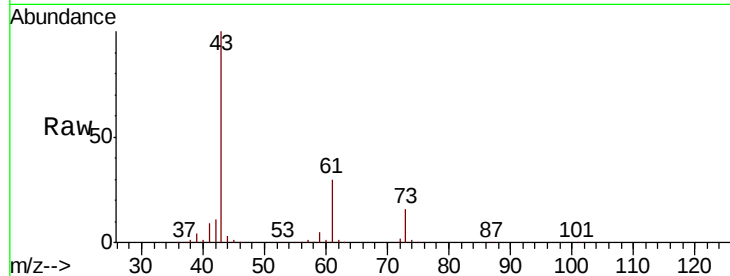
TRANSFORMER-1

Tot Ion: 63 Resp: 1609

Ion Ratio Lower Upper

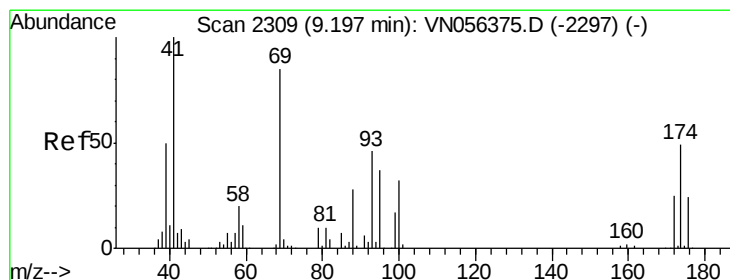
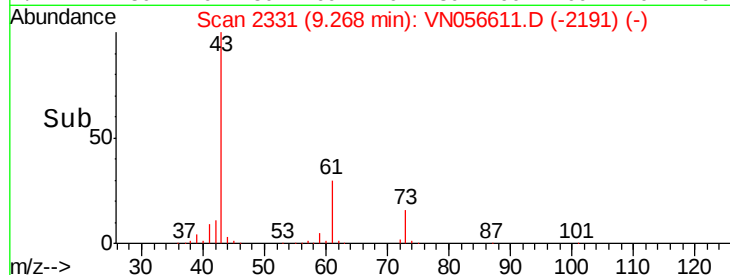
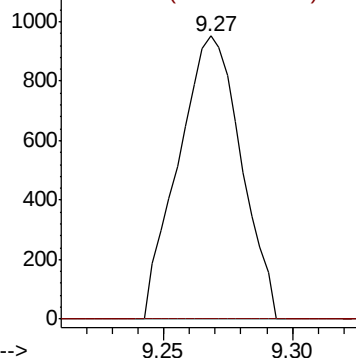
63 100

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

Methyl methacrylate

Concen: 3.010 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN056611.D

Acq: 8 Jul 2019 15:54

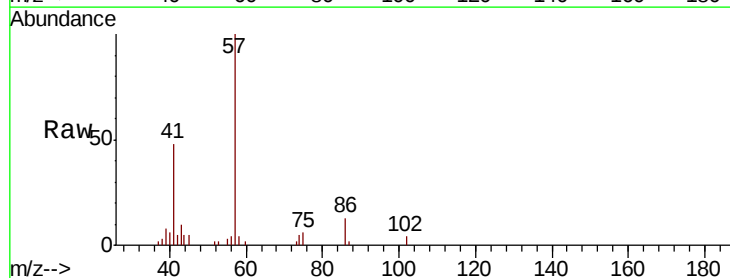
Tgt Ion: 41 Resp: 10463

Ion Ratio Lower Upper

41 100

69 0.0 72.6 109.0#

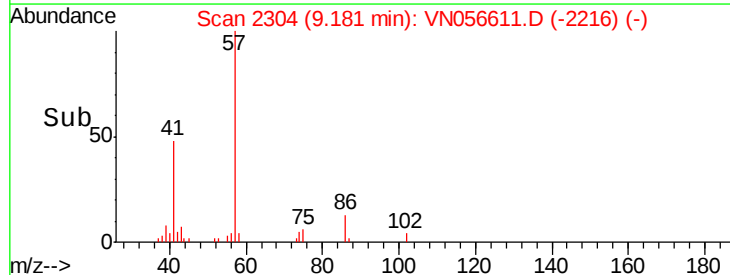
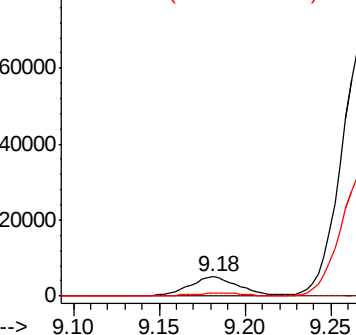
39 17.9 42.6 63.8#

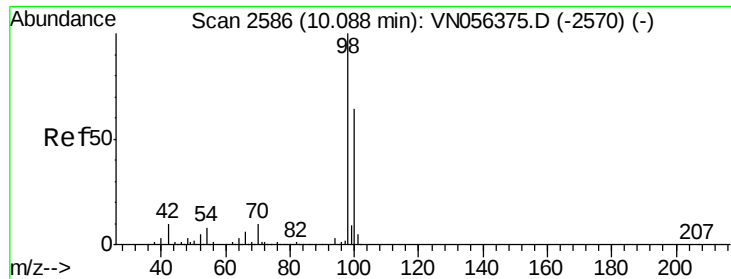


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

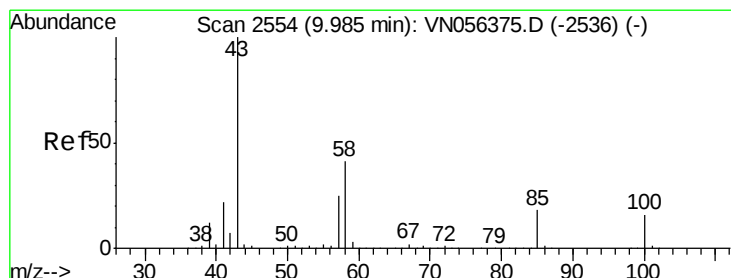
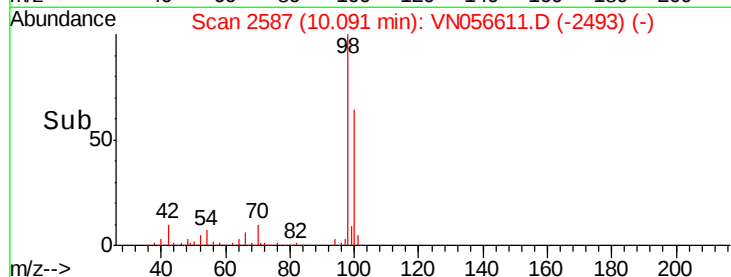
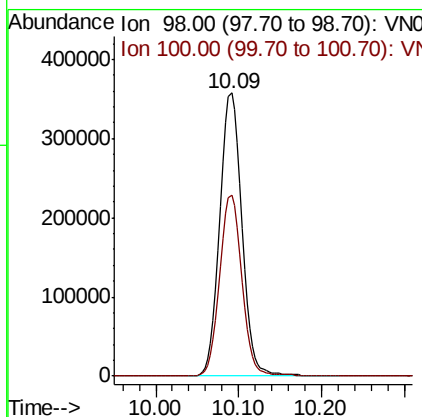
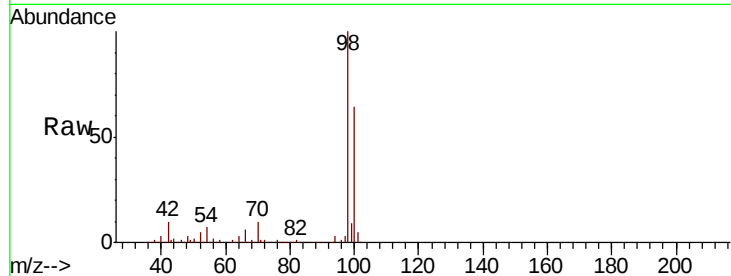




#50
Toluene-d8
Concen: 52.470 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056611.D
Acq: 8 Jul 2019 15:54

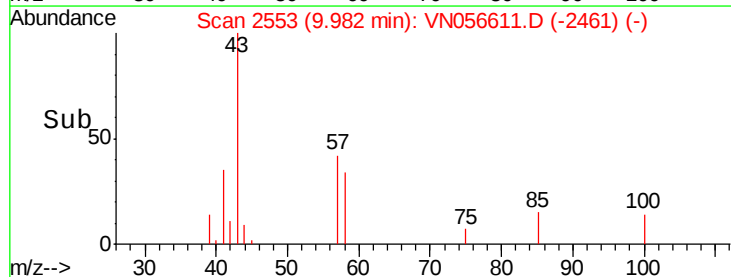
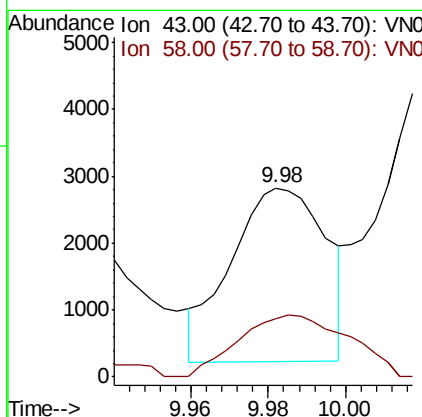
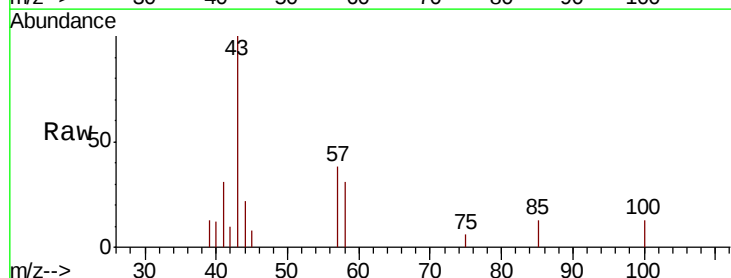
Instrument :
MSVOA_N
ClientSampleId :
TRANSFORMER-1

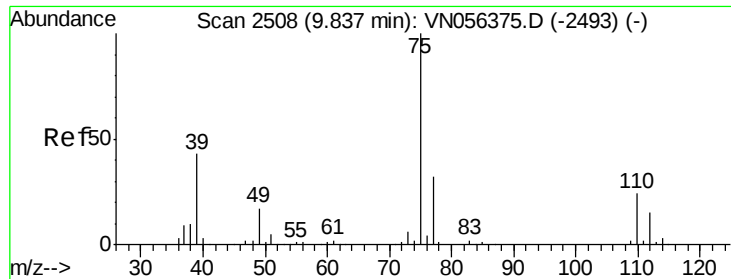
Tot Ion: 98 Resp: 662406
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 0.987 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN056611.D
Acq: 8 Jul 2019 15:54

Tgt Ion: 43 Resp: 4420
Ion Ratio Lower Upper
43 100
58 41.7 31.8 47.8

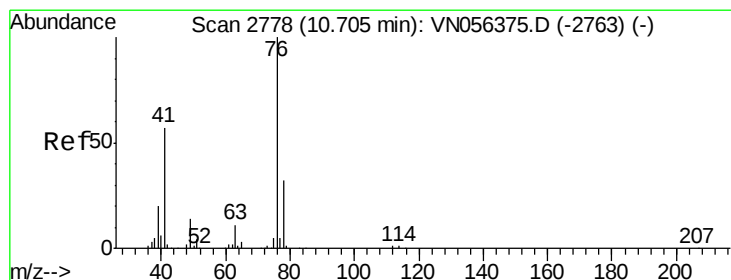
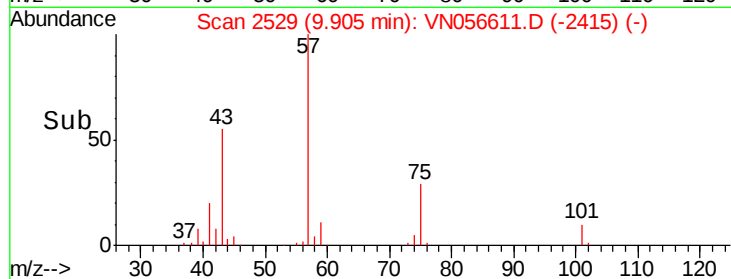
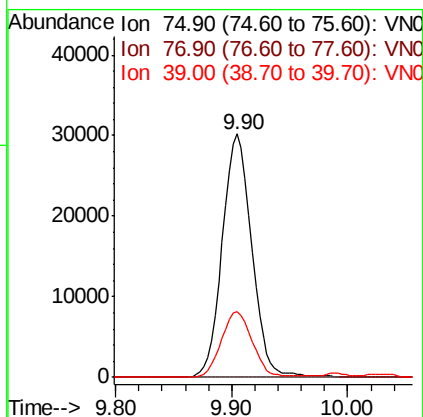
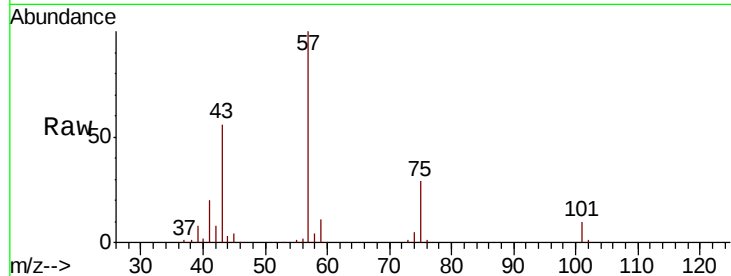




#54
 cis-1,3-Dichloropropene
 Concen: 10.539 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN056611.D
 Acq: 8 Jul 2019 15:54

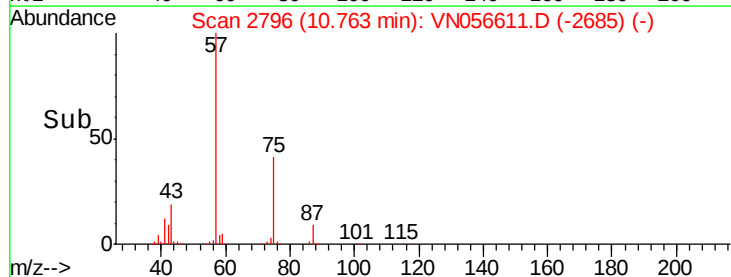
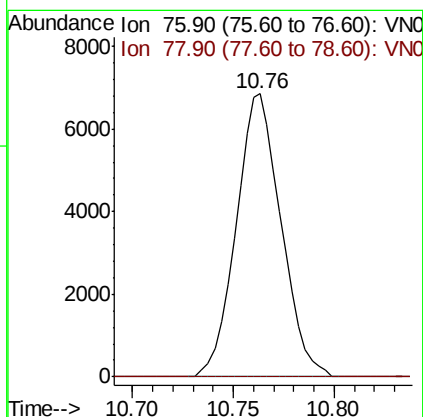
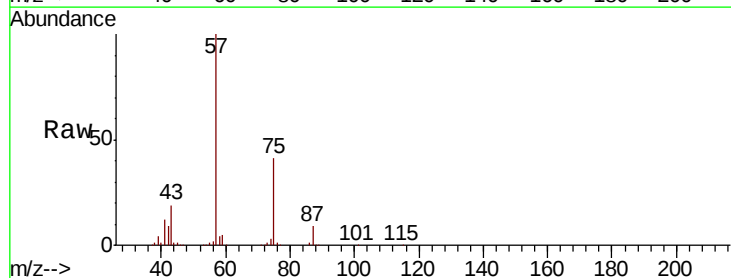
Instrument :
 MSVOA_N
 ClientSampleId :
 TRANSFORMER-1

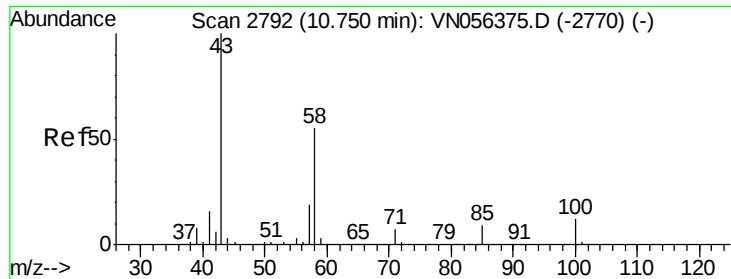
Tot Ion: 75 Resp: 53031
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.2 37.8#
 39 26.9 34.2 51.4#



#57
 1,3-Dichloropropane
 Concen: 1.832 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056611.D
 Acq: 8 Jul 2019 15:54

Tgt Ion: 76 Resp: 10650
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#

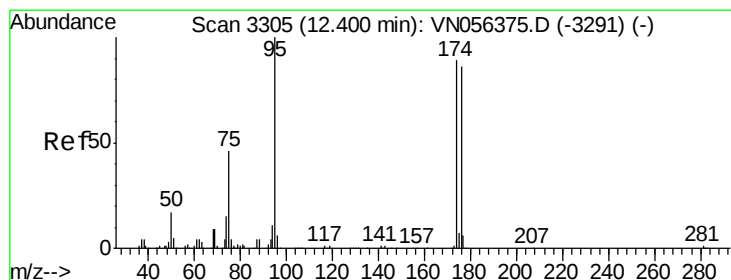
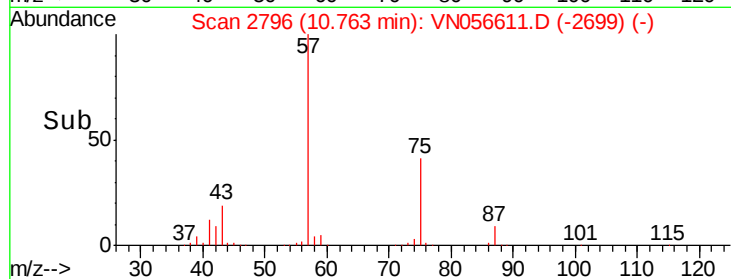
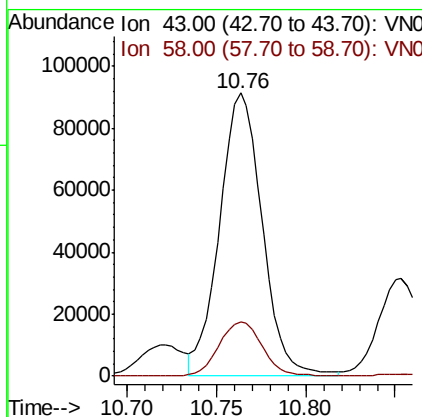
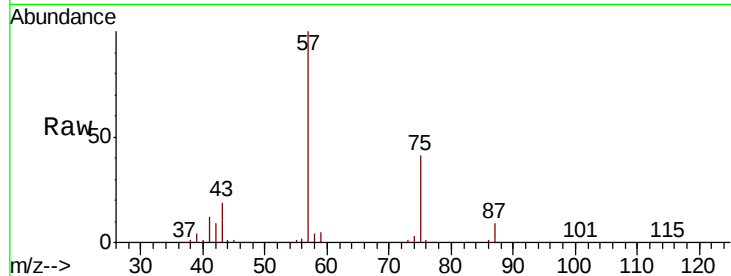




#59
2-Hexanone
Concen: 45.820 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056611.D
Acq: 8 Jul 2019 15:54

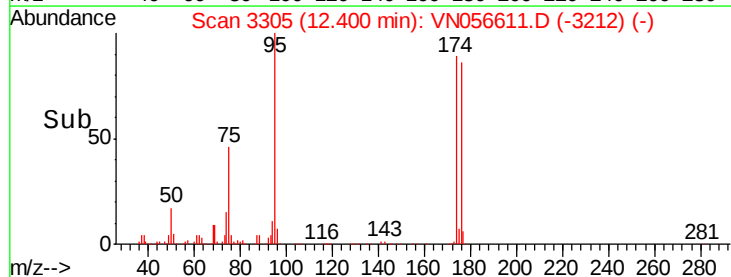
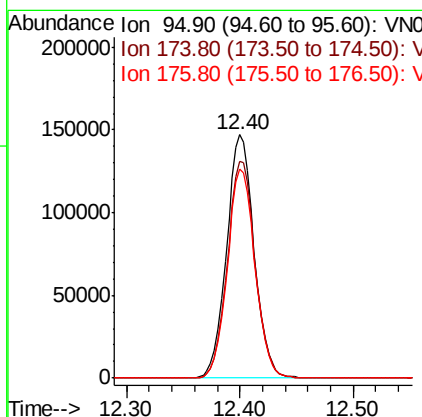
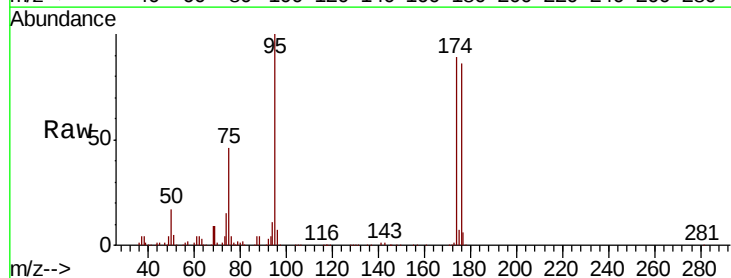
Instrument :
MSVOA_N
ClientSampleId :
TRANSFORMER-1

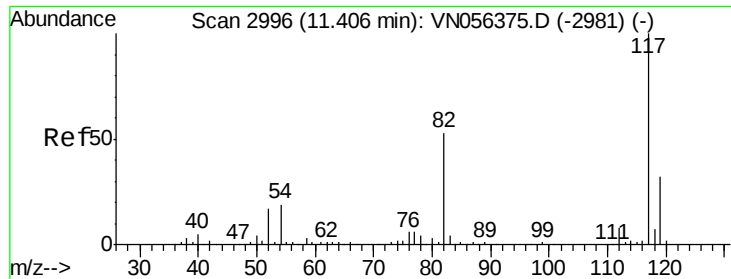
Tot Ion: 43 Resp: 150776
Ion Ratio Lower Upper
43 100
58 19.8 27.8 83.4#



#62
4-Bromofluorobenzene
Concen: 58.779 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056611.D
Acq: 8 Jul 2019 15:54

Tgt Ion: 95 Resp: 247367
Ion Ratio Lower Upper
95 100
174 90.5 0.0 179.4
176 86.9 0.0 173.4

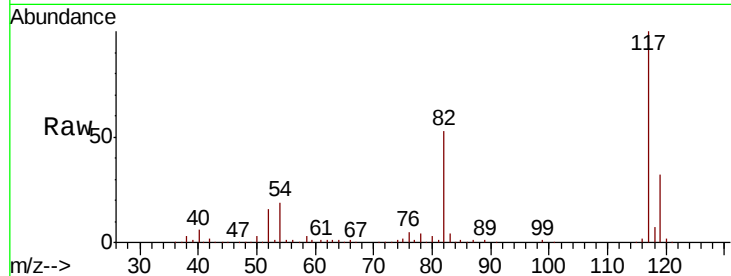




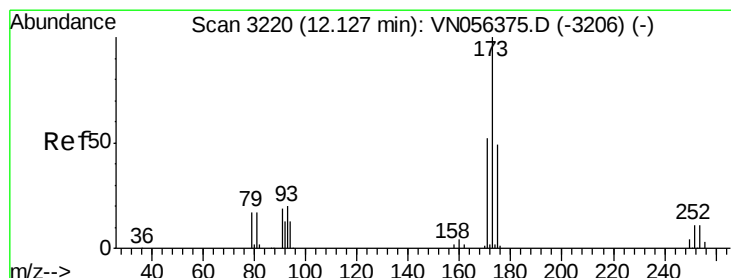
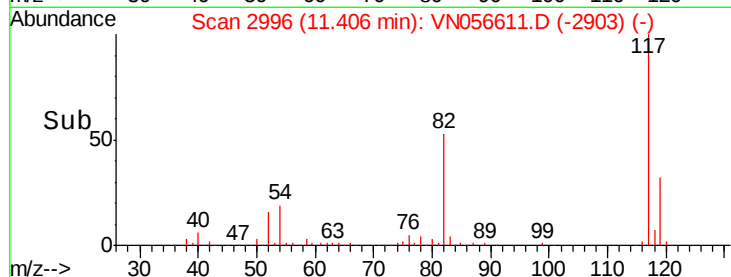
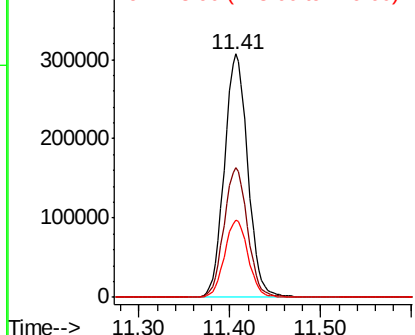
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056611.D
Acq: 8 Jul 2019 15:54

Instrument :
MSVOA_N
ClientSampleId :
TRANSFORMER-1

Tot Ion:117 Resp: 549302
Ion Ratio Lower Upper
117 100
82 53.4 42.0 63.0
119 31.7 25.3 37.9

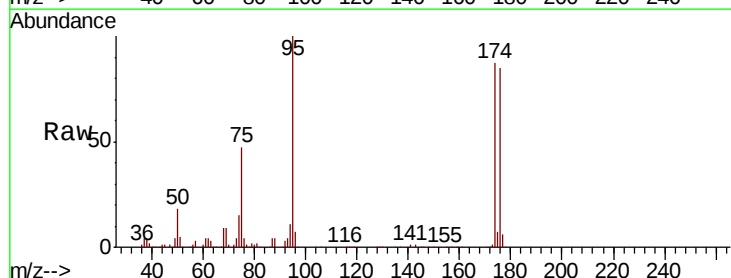


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

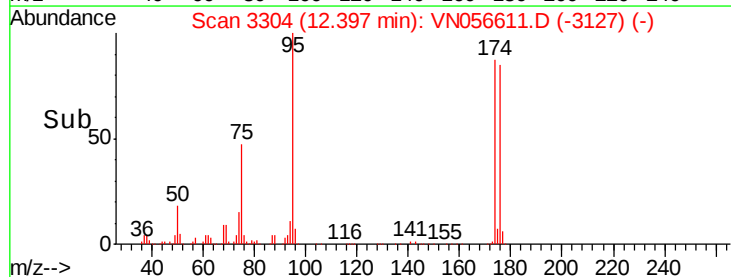
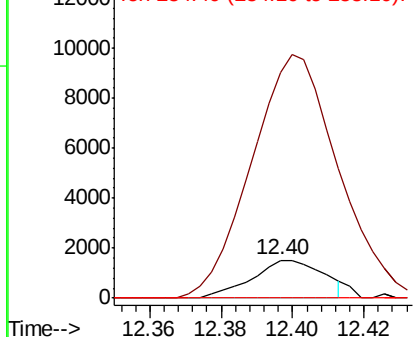


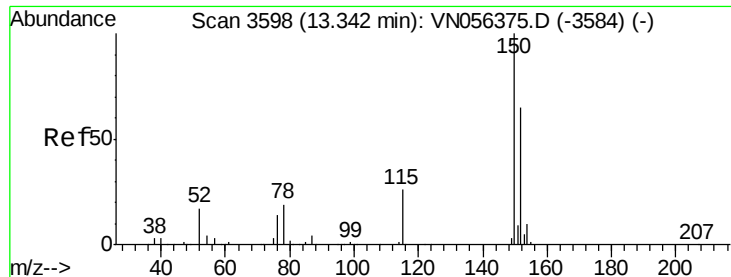
#71
Bromoform
Concen: 3.800 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN056611.D
Acq: 8 Jul 2019 15:54

Tgt Ion:173 Resp: 2110
Ion Ratio Lower Upper
173 100
175 679.6 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: VN056611.D

Acq: 8 Jul 2019 15:54

Instrument :

MSVOA_N

ClientSampleId :

TRANSFORMER-1

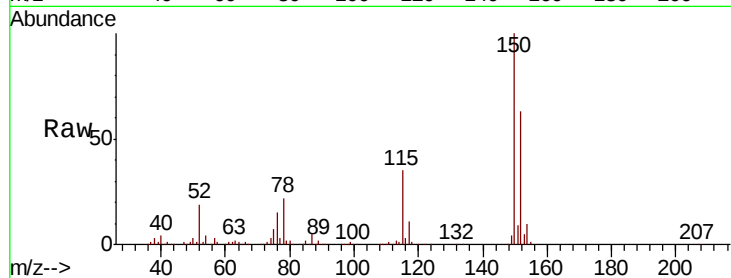
Tot Ion:152 Resp: 229396

Ion Ratio Lower Upper

152 100

115 56.3 28.1 84.4

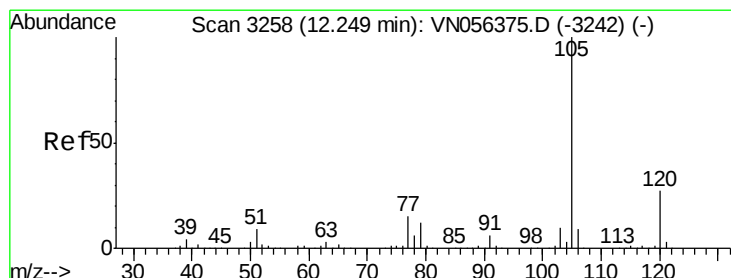
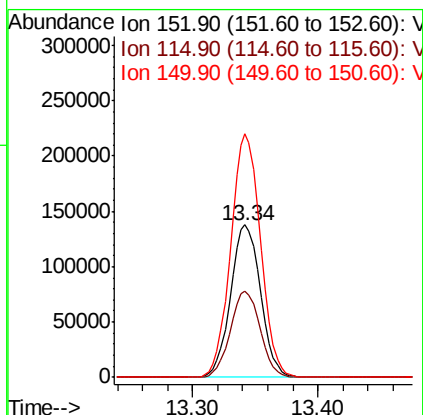
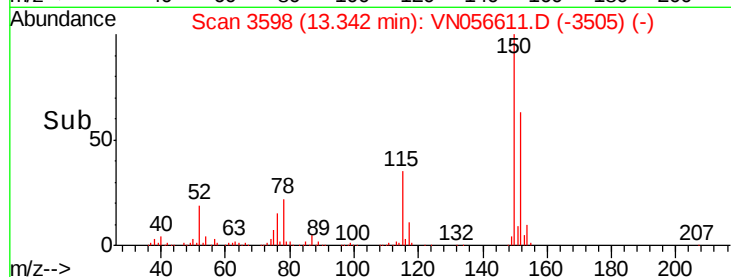
150 157.9 0.0 348.4



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# 3257

Delta R.T. -0.00 min

Lab File: VN056611.D

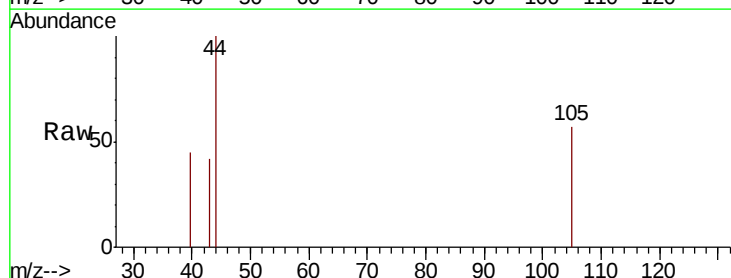
Acq: 8 Jul 2019 15:54

Tgt Ion:105 Resp: 195

Ion Ratio Lower Upper

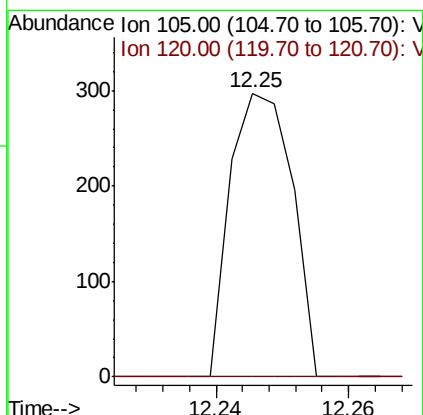
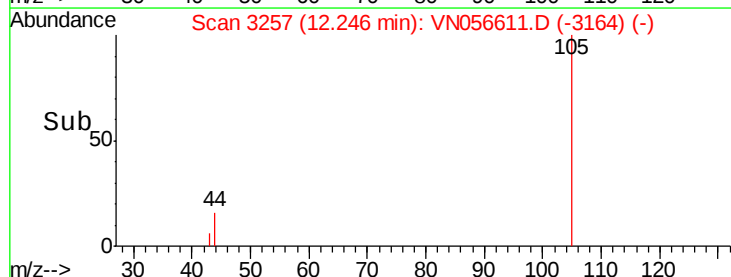
105 100

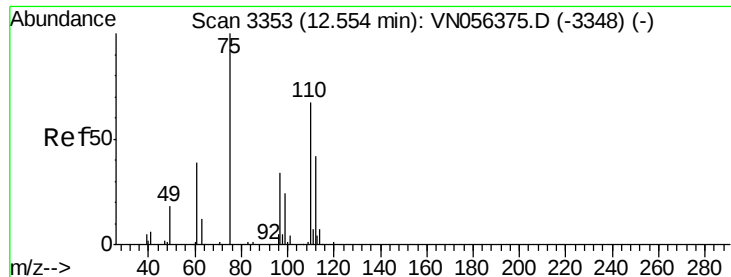
120 0.0 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 24.098 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056611.D

Acq: 8 Jul 2019 15:54

Instrument :

MSVOA_N

ClientSampleId :

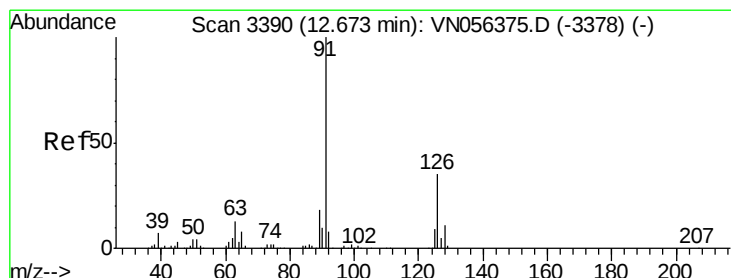
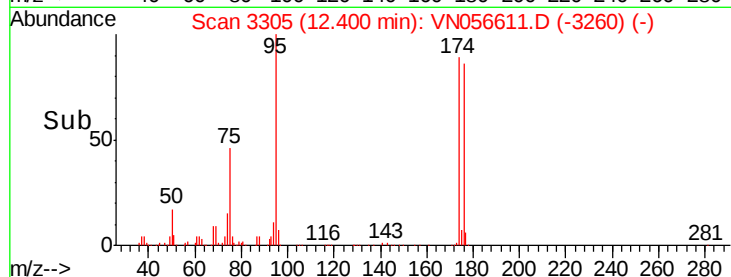
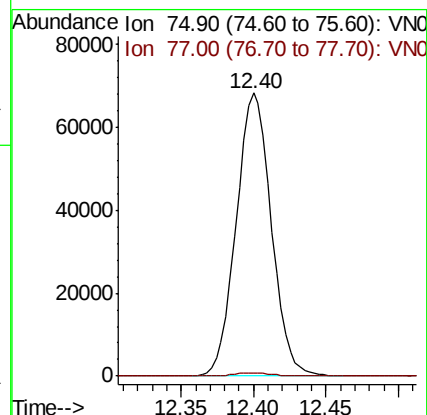
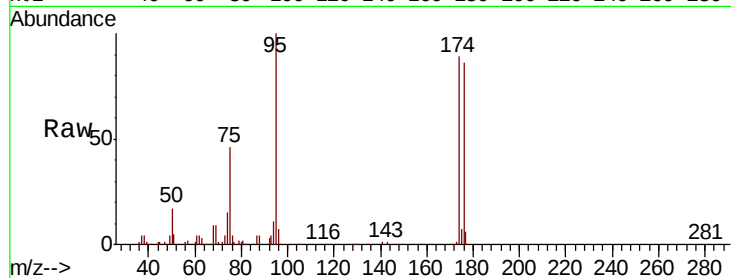
TRANSFORMER-1

Tot Ion: 75 Resp: 114622

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.66 min Scan# 3386

Delta R.T. -0.01 min

Lab File: VN056611.D

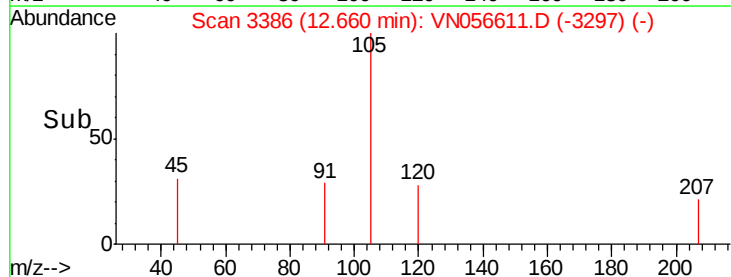
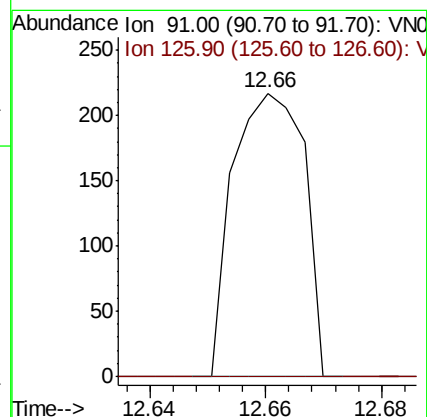
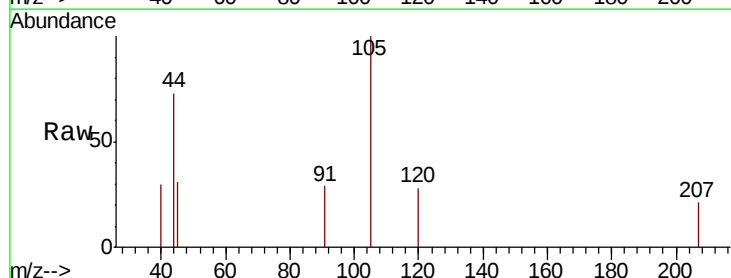
Acq: 8 Jul 2019 15:54

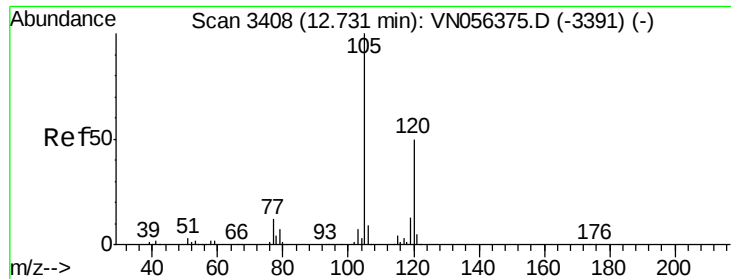
Tgt Ion: 91 Resp: 184

Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.8#

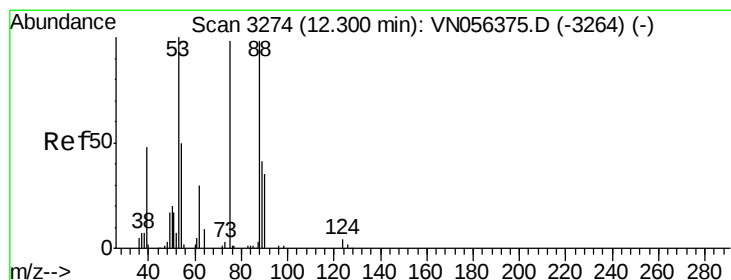
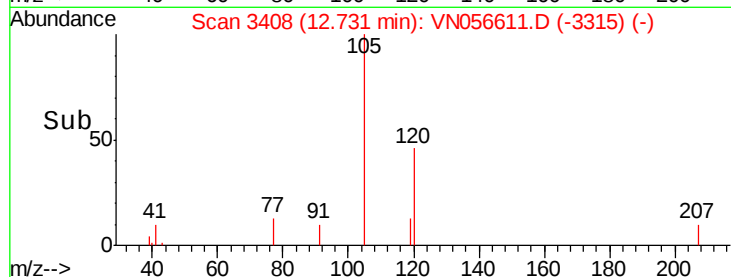
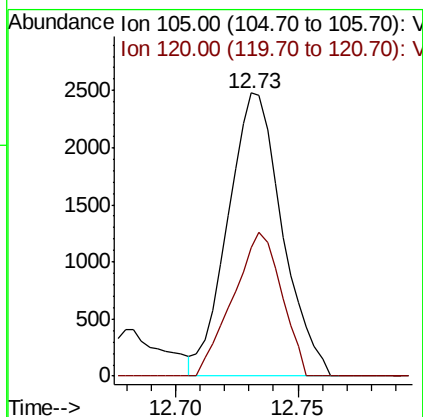
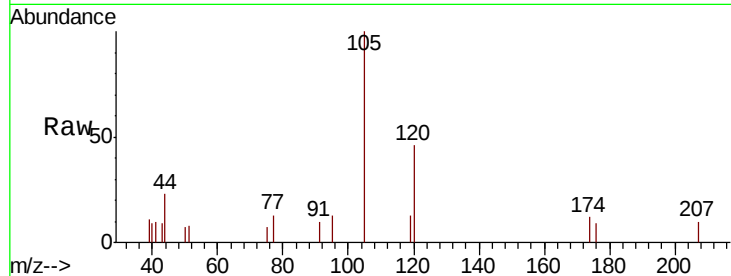




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN056611.D
 Acq: 8 Jul 2019 15:54

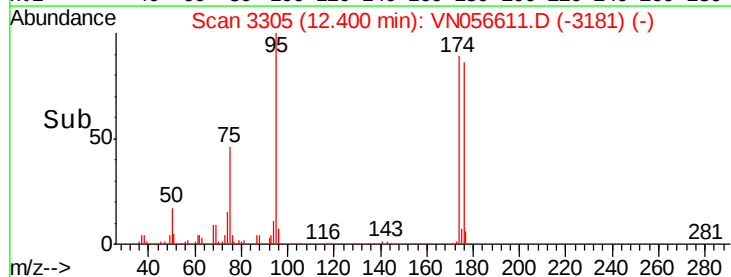
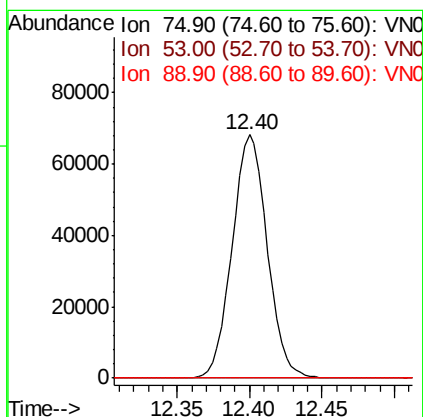
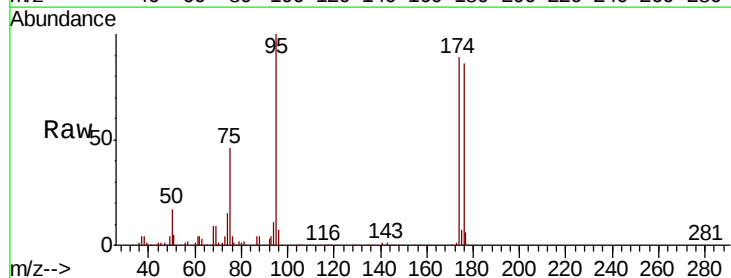
Instrument :
 MSVOA_N
 ClientSampleId :
 TRANSFORMER-1

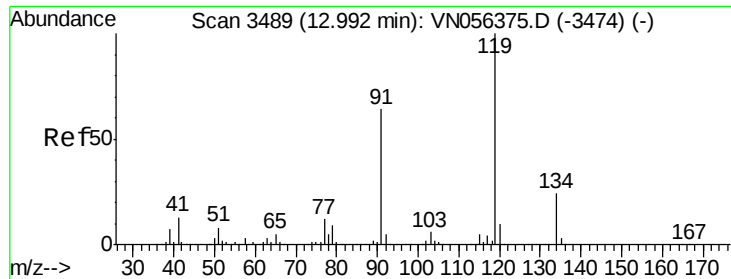
Tot Ion:105 Resp: 3833
 Ion Ratio Lower Upper
 105 100
 120 45.4 24.8 74.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.647 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN056611.D
 Acq: 8 Jul 2019 15:54

Tgt Ion: 75 Resp: 114622
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.9 125.9#
 89 0.0 35.0 52.6#

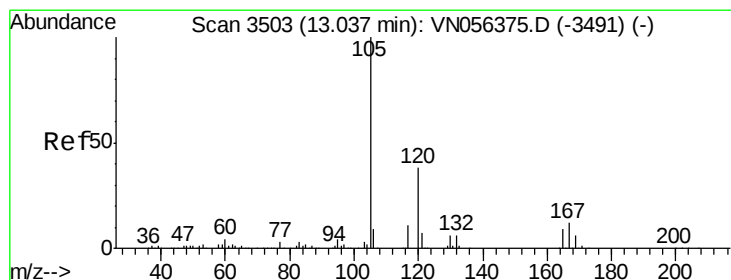
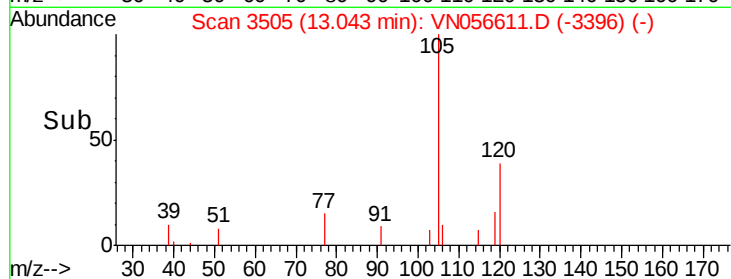
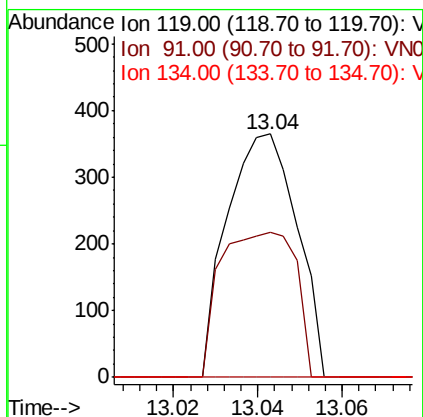
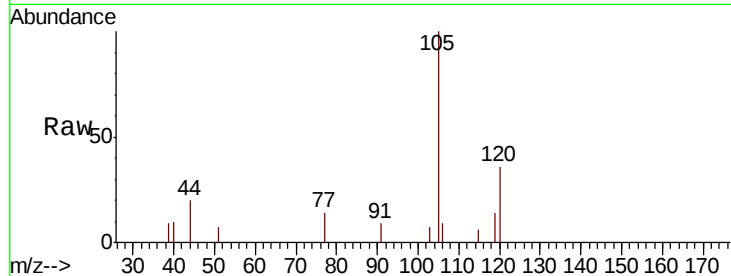




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.05 min
 Lab File: VN056611.D
 Acq: 8 Jul 2019 15:54

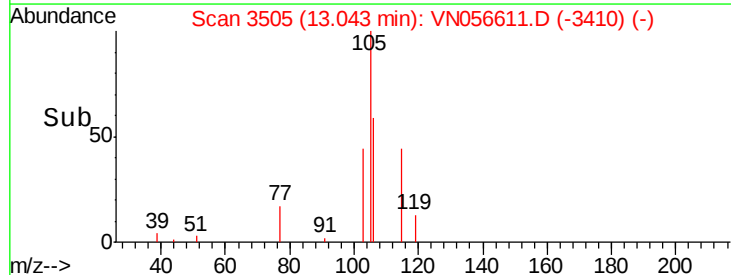
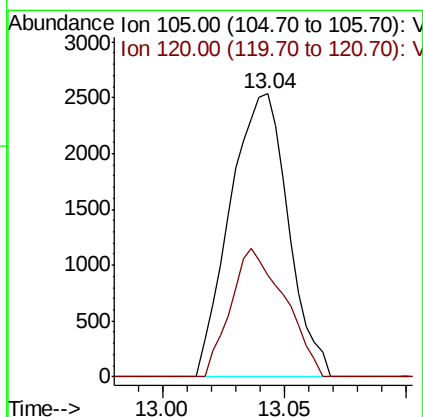
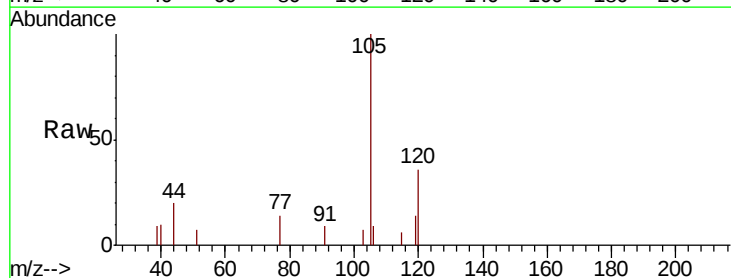
Instrument :
 MSVOA_N
 ClientSampleId :
 TRANSFORMER-1

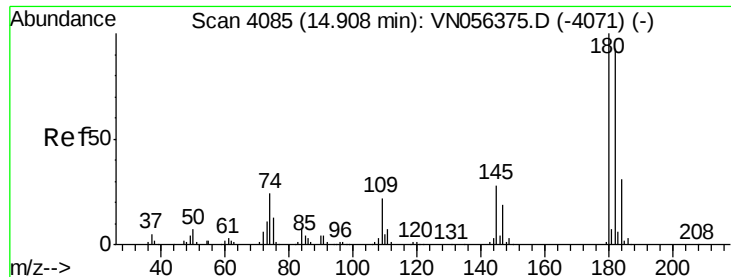
Tot Ion:119 Resp: 418
 Ion Ratio Lower Upper
 119 100
 91 63.9 31.6 94.7
 134 0.0 13.2 39.5#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.271 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.01 min
 Lab File: VN056611.D
 Acq: 8 Jul 2019 15:54

Tgt Ion:105 Resp: 4190
 Ion Ratio Lower Upper
 105 100
 120 42.4 22.9 68.8

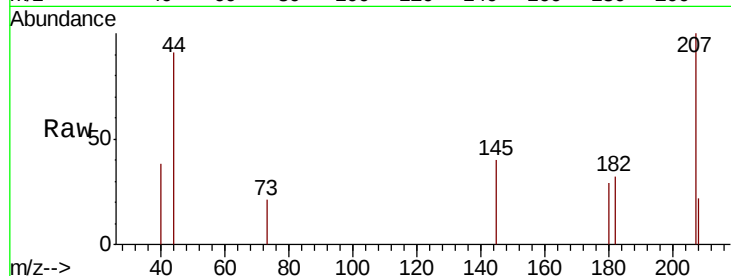




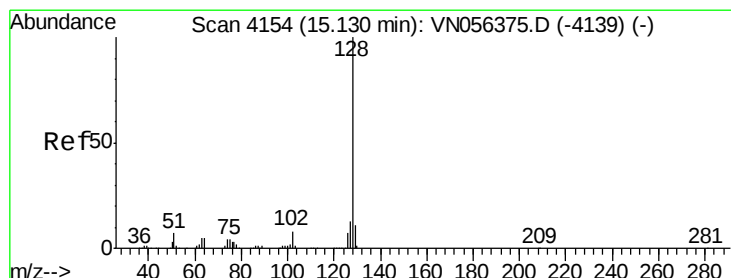
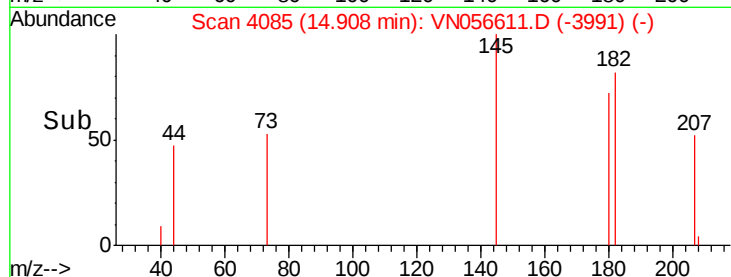
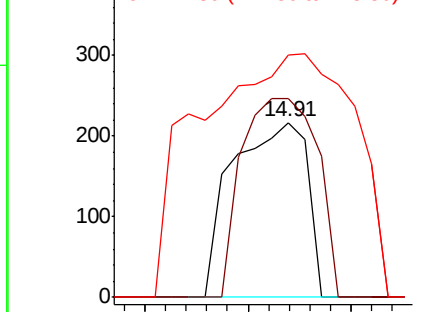
#93
 1,2,4-Trichlorobenzene
 Concen: 5.662 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056611.D
 Acq: 8 Jul 2019 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 TRANSFORMER-1

Tot Ion:180 Resp: 217
 Ion Ratio Lower Upper
 180 100
 182 114.7 46.9 140.6
 145 288.5 14.4 43.0#

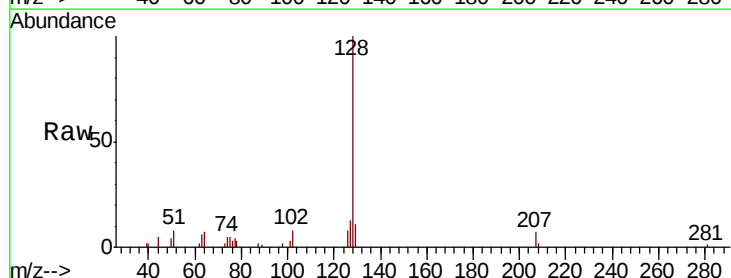


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 7.561 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN056611.D
 Acq: 8 Jul 2019 15:54

Tgt Ion:128 Resp: 27157
 Ion Ratio Lower Upper
 128 100
 127 12.3 10.2 15.2
 129 11.0 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

