

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056744.D
 Acq On : 16 Jul 2019 4:27
 Operator : JC/SP
 Sample : K3626-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-04-071119-B

Quant Time: Jul 16 06:02:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:25:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	265737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	475413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	518721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	225923	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	159964	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
35) Dibromofluoromethane	7.59	113	142801	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
50) Toluene-d8	10.09	98	607139	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
62) 4-Bromofluorobenzene	12.40	95	234015	60.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.46%	

Target Compounds

					Qvalue	
14) Allyl chloride	4.55	41	1845	0.427	ug/l #	29
16) Acetone	3.82	43	30488	22.508	ug/l	99
18) Methyl Acetate	4.34	43	761	Below Cal	#	52
20) Methylene Chloride	4.55	84	50367	17.015	ug/l	99
25) 2-Butanone	6.85	43	3743	1.890	ug/l	92
29) Tetrahydrofuran	7.23	42	1910	1.479	ug/l #	71
30) Chloroform	7.37	83	2865	0.579	ug/l	97
31) Cyclohexane	7.67	56	4235	0.901	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	17178	3.905	ug/l #	49
38) Carbon Tetrachloride	7.66	117	23292	5.646	ug/l #	16
41) Methacrylonitrile	7.23	41	1094	0.574	ug/l #	100
43) Isopropyl Acetate	8.17	43	17188	2.522	ug/l	92
45) 1,2-Dichloropropane	9.27	63	1317	0.368	ug/l #	45
48) Methyl methacrylate	9.18	41	8308	2.520	ug/l #	22
51) 4-Methyl-2-Pentanone	9.99	43	4125	0.934	ug/l #	87
54) cis-1,3-Dichloropropene	9.90	75	46436	9.093	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	9740	1.776	ug/l #	42
59) 2-Hexanone	10.76	43	131511	41.514	ug/l #	50
71) Bromoform	12.40	173	2118	0.713	ug/l #	1
74) N-amyl acetate	11.88	43	10448	1.540	ug/l #	50
76) 1,2,3-Trichloropropane	12.40	75	107176	21.690	ug/l #	100
77) Bromobenzene	12.53	156	1520	0.319	ug/l #	1
79) 2-Chlorotoluene	12.72	91	198	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	3927	0.254	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	107176	66.986	ug/l #	13
83) tert-Butylbenzene	13.04	119	374	Below Cal	#	34
93) 1,2,4-Trichlorobenzene	14.91	180	211	3.736	ug/l	89
95) Naphthalene	15.13	128	69775	9.768	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	126	3.350	ug/l #	13

(#) = 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: VN056744.D

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ClientSampleId :

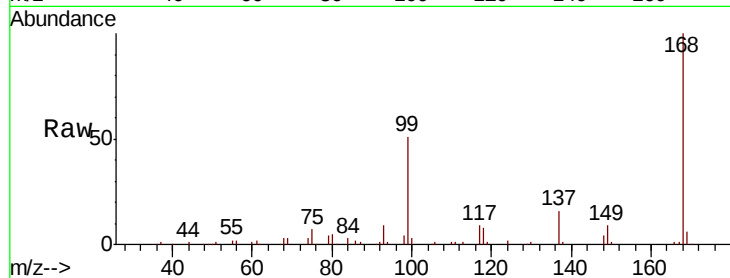
SU-04-071119-B

Tot Ion:168 Resp: 265737

Ion Ratio Lower Upper

168 100

99 50.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

120000

100000

80000

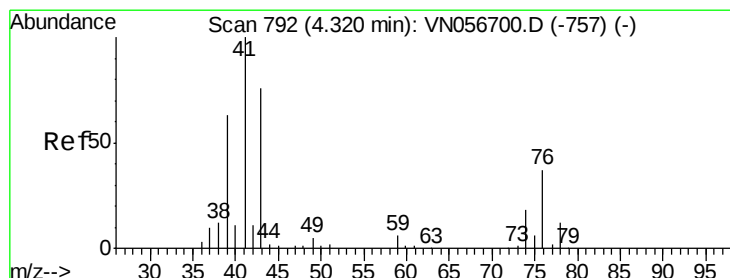
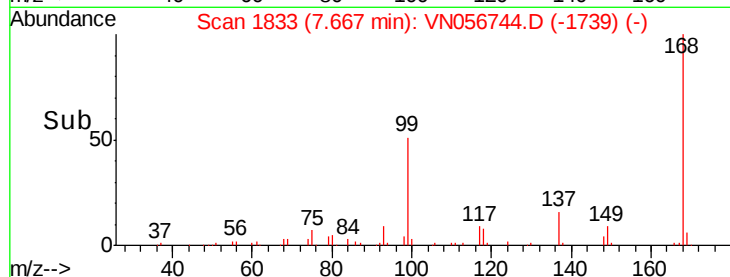
60000

40000

20000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#14

Allyl chloride

Concen: 0.427 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN056744.D

Acq: 16 Jul 2019 4:27

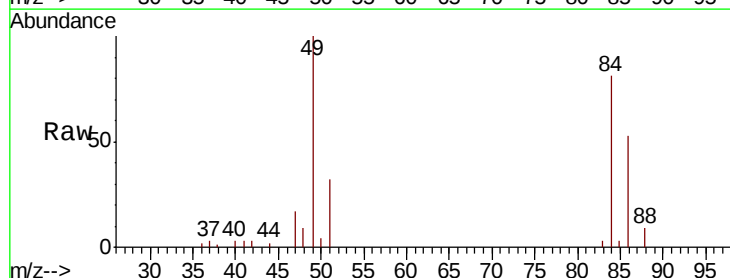
Tgt Ion: 41 Resp: 1845

Ion Ratio Lower Upper

41 100

39 0.0 46.9 70.3#

76 0.0 26.5 39.7#



Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO

800

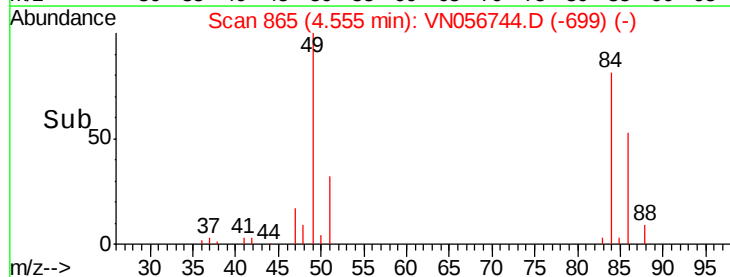
600

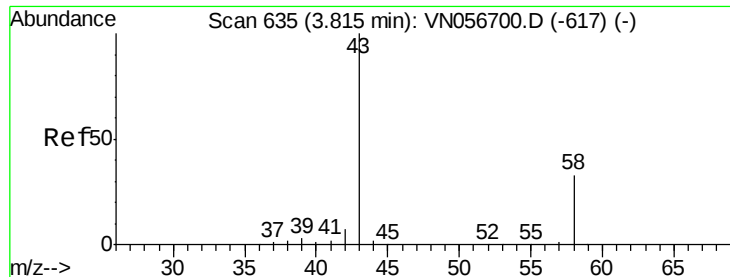
400

200

0

Time--> 4.50 4.55 4.60





#16

Acetone

Concen: 22.508 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN056744.D

Acq: 16 Jul 2019 4:27

Instrument :

MSVOA_N

ClientSampleId :

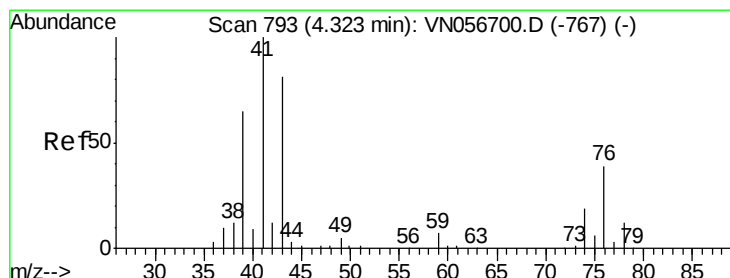
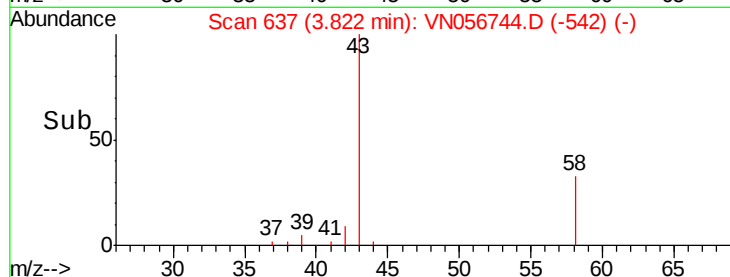
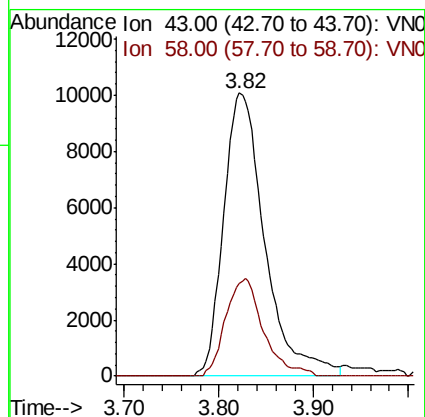
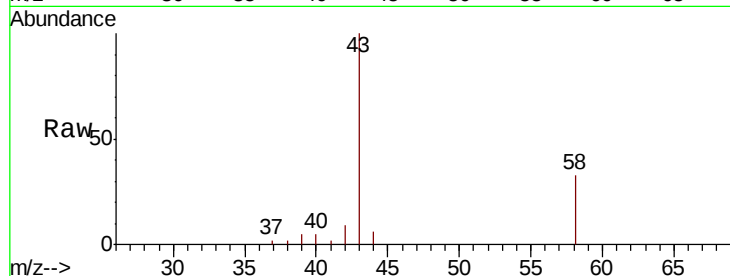
SU-04-071119-B

Tot Ion: 43 Resp: 30488

Ion Ratio Lower Upper

43 100

58 32.9 26.7 40.1



#18

Methyl Acetate

Concen: Below Cal

RT: 4.34 min Scan# 798

Delta R.T. 0.02 min

Lab File: VN056744.D

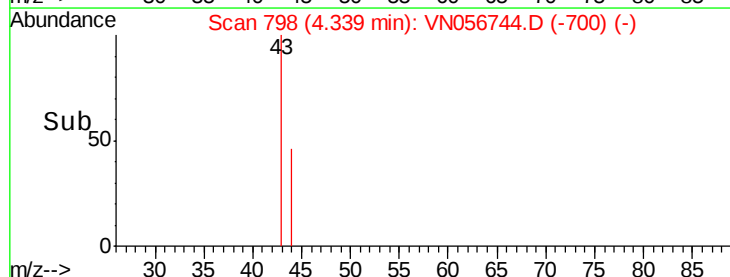
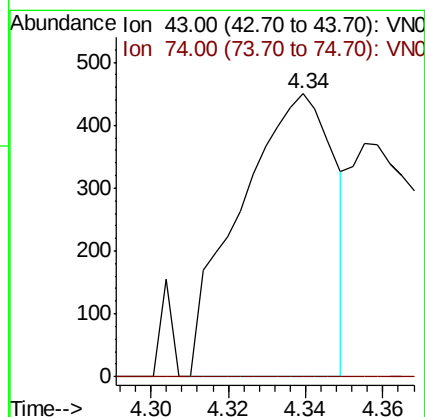
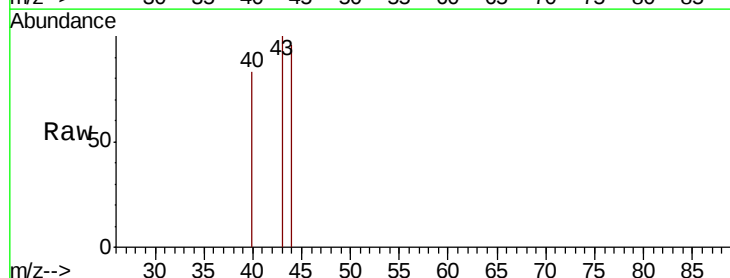
Acq: 16 Jul 2019 4:27

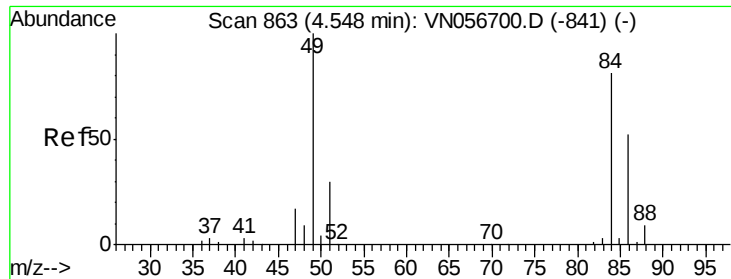
Tgt Ion: 43 Resp: 761

Ion Ratio Lower Upper

43 100

74 0.0 18.9 28.3#

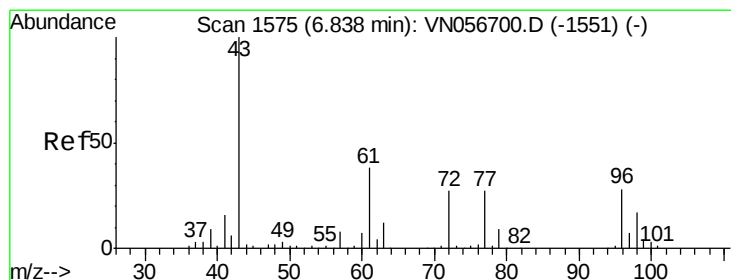
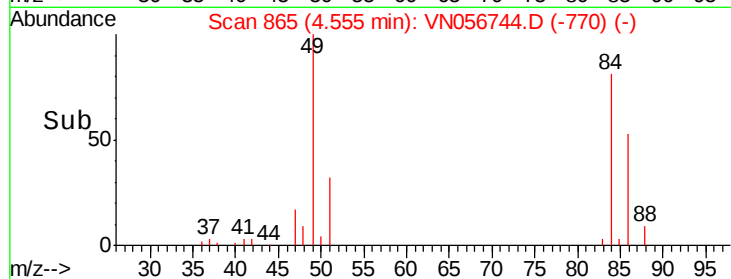
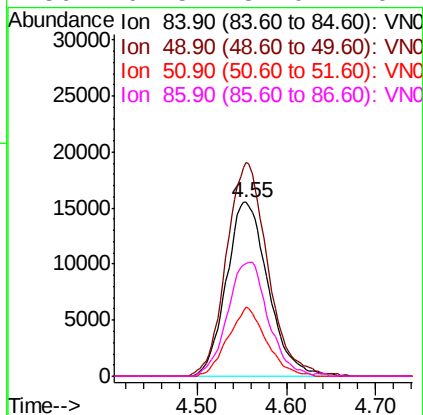
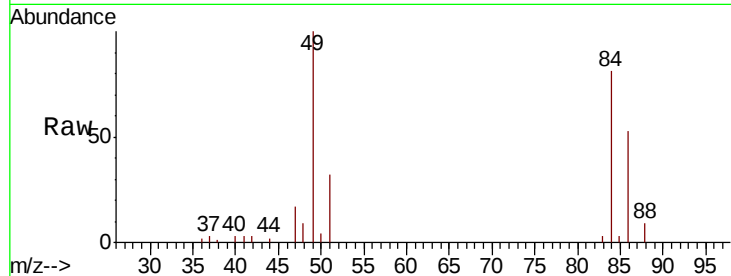




#20
Methvlene Chloride
Concen: 17.015 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN056744.D
Acq: 16 Jul 2019 4:27

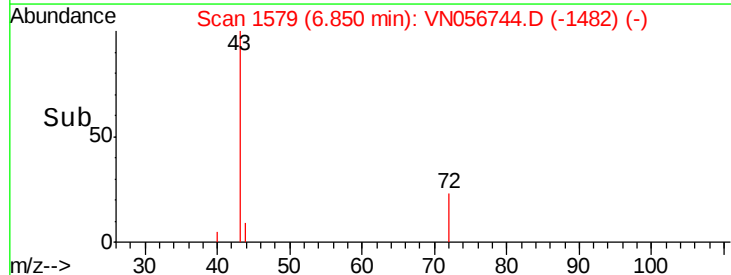
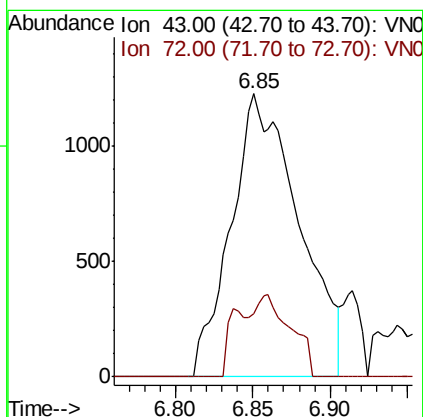
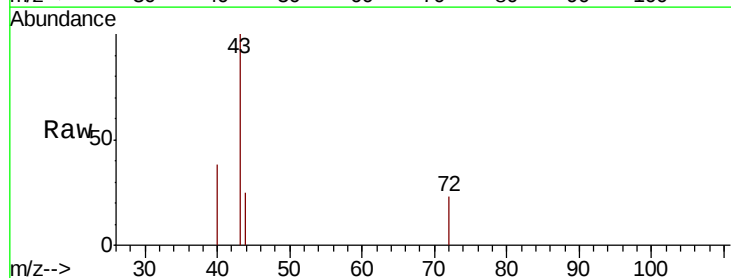
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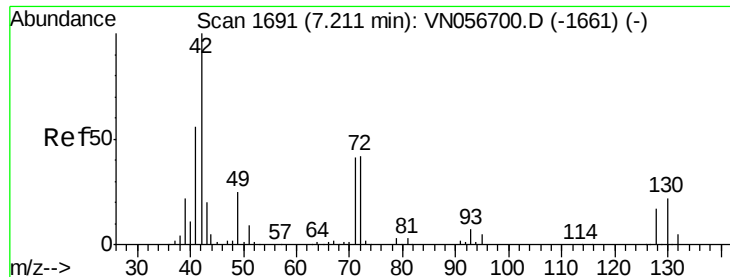
Tot Ion:	84	Resp:	50367
Ion	Ratio	Lower	Upper
84	100		
49	122.7	98.2	147.4
51	39.5	29.6	44.4
86	64.5	51.0	76.4



#25
2-Butanone
Concen: 1.890 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN056744.D
Acq: 16 Jul 2019 4:27

Tgt Ion:	43	Resp:	3743
Ion	Ratio	Lower	Upper
43	100		
72	22.5	21.2	31.8





#29

Tetrahydrofuran

Concen: 1.479 ug/l

RT: 7.23 min Scan# 1698

Delta R.T. 0.02 min

Lab File: VN056744.D

Acq: 16 Jul 2019 4:27

Instrument :

MSVOA_N

ClientSampleId :

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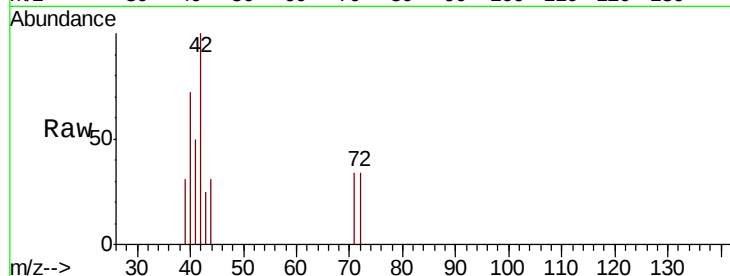
Tot Ion: 42 Resp: 1910

Ion Ratio Lower Upper

42 100

72 24.5 33.5 50.3#

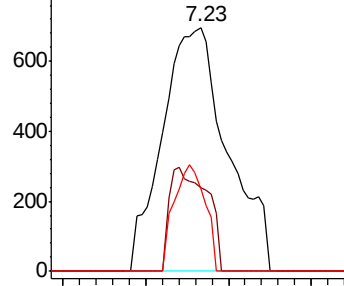
71 20.6 31.8 47.8#



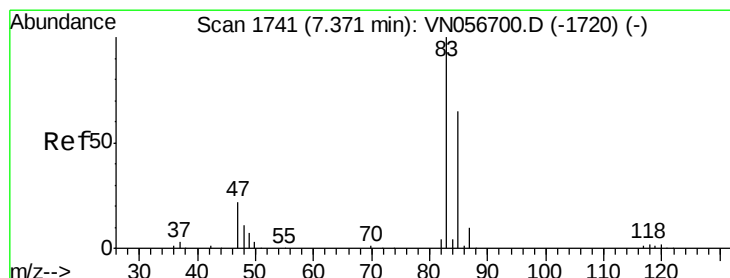
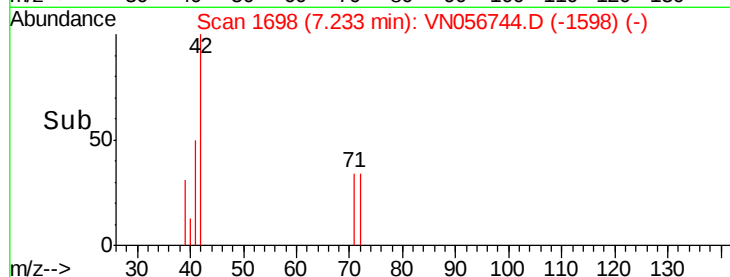
Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



Time--> 7.15 7.20 7.25 7.30



#30

Chloroform

Concen: 0.579 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN056744.D

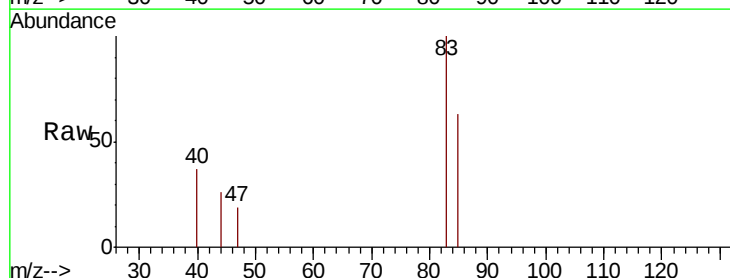
Acq: 16 Jul 2019 4:27

Tgt Ion: 83 Resp: 2865

Ion Ratio Lower Upper

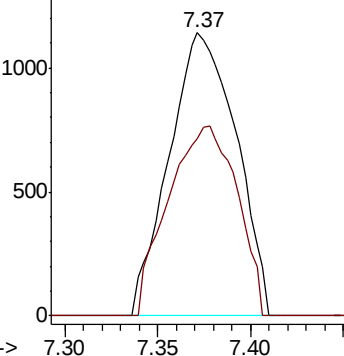
83 100

85 62.8 51.9 77.9

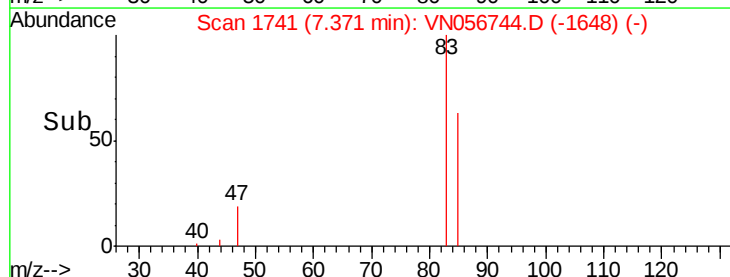


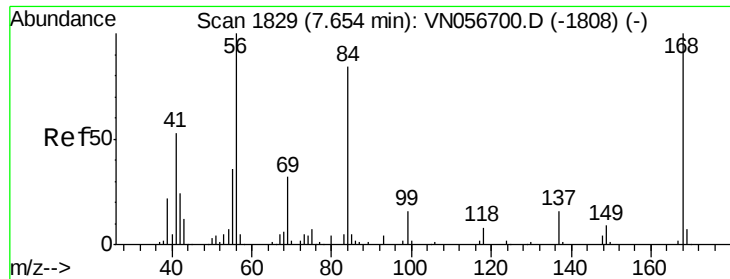
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time--> 7.30 7.35 7.40

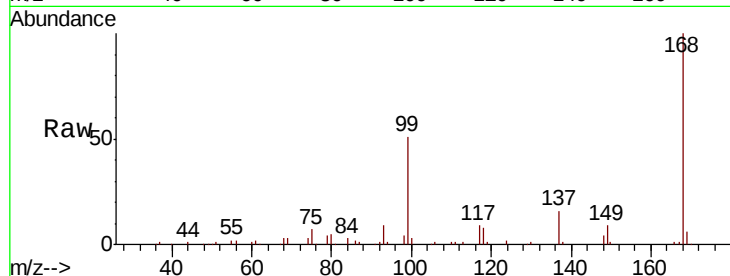




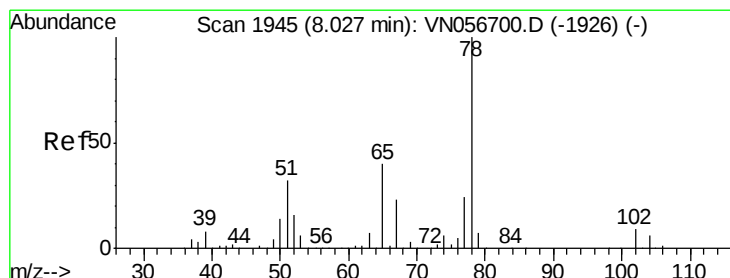
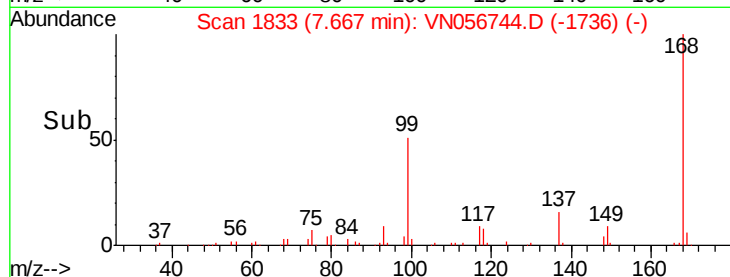
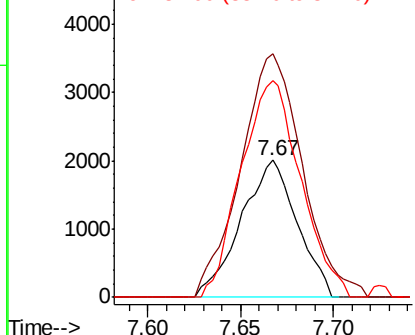
#31
Cyclohexane
Concen: 0.901 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN056744.D
Acq: 16 Jul 2019 4:27

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Tot Ion: 56 Resp: 4235
Ion Ratio Lower Upper
56 100
69 177.5 25.8 38.8#
84 158.0 67.4 101.0#

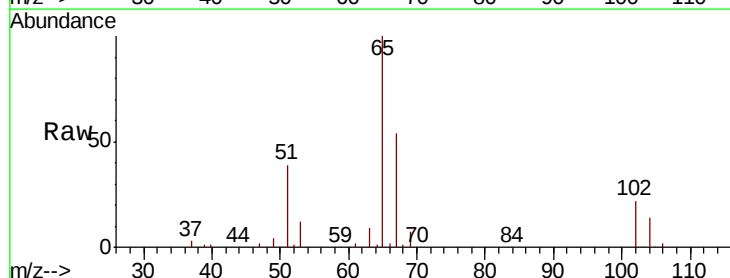


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

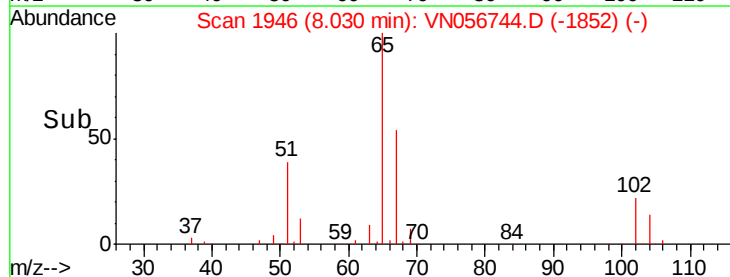
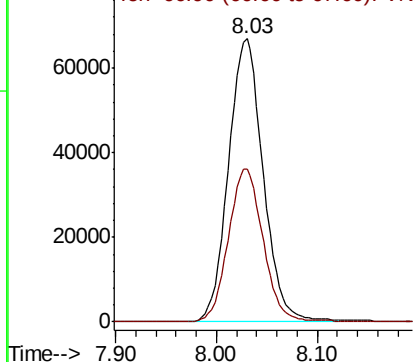


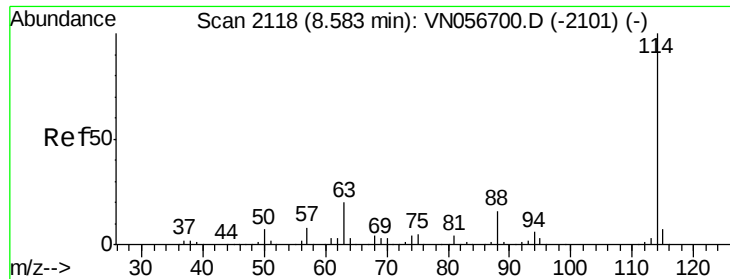
#33
1,2-Dichloroethane-d4
Concen: 54.420 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN056744.D
Acq: 16 Jul 2019 4:27

Tgt Ion: 65 Resp: 159964
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.0



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

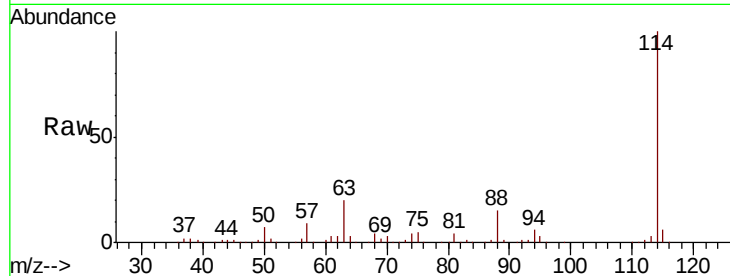




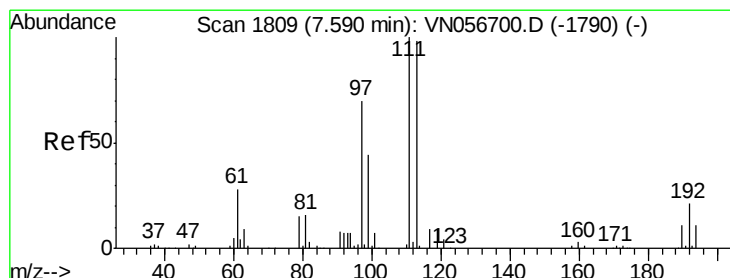
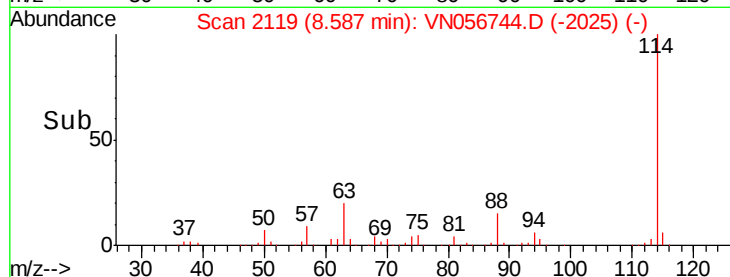
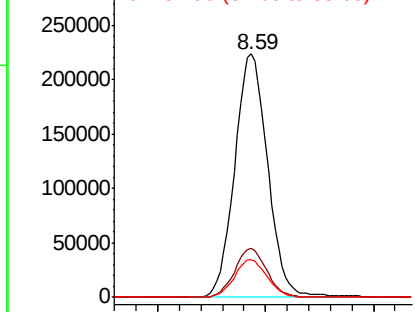
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056744.D
 Acq: 16 Jul 2019 4:27

Instrument :
 MSVOA_N
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 SU-04-071119-B

Tot Ion:114 Resp: 475413
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.4
 88 15.4 0.0 31.2

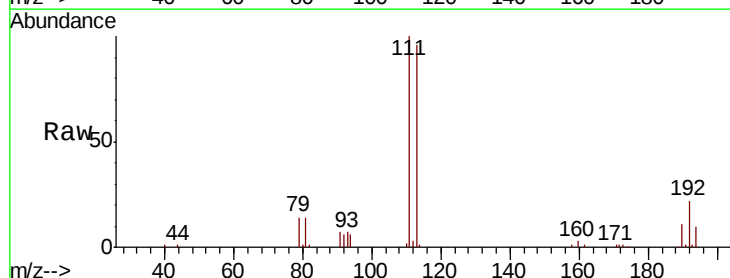


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

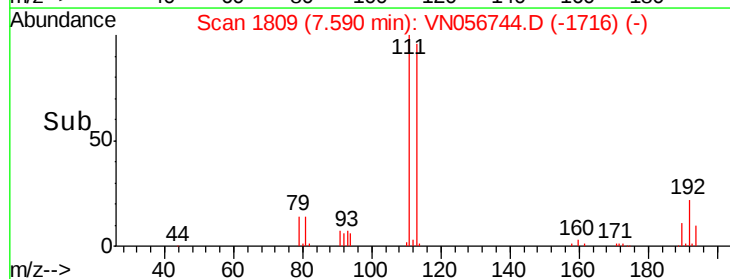
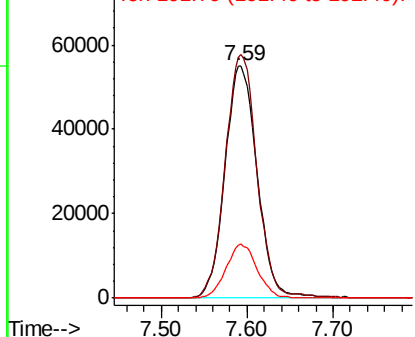


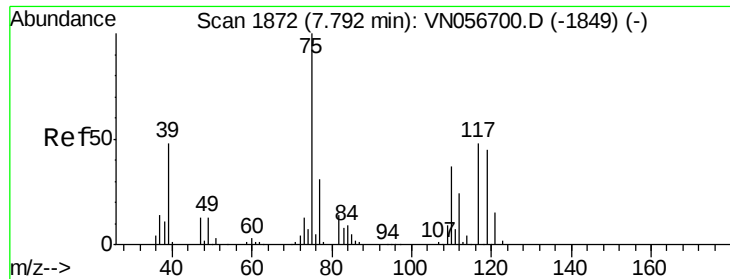
#35
 Dibromofluoromethane
 Concen: 48.267 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056744.D
 Acq: 16 Jul 2019 4:27

Tgt Ion:113 Resp: 142801
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.8 122.6
 192 22.6 17.5 26.3



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

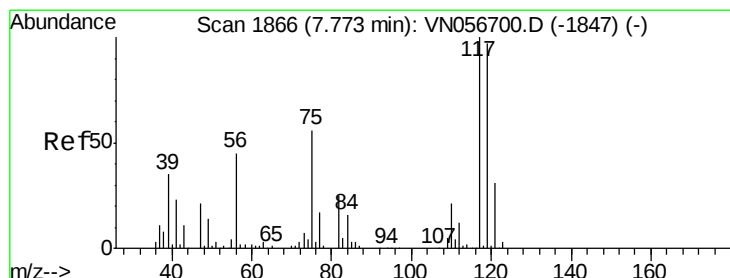
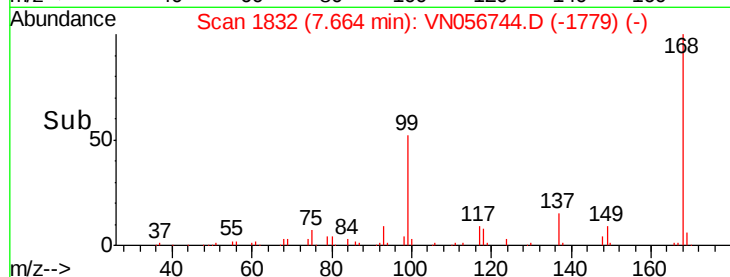
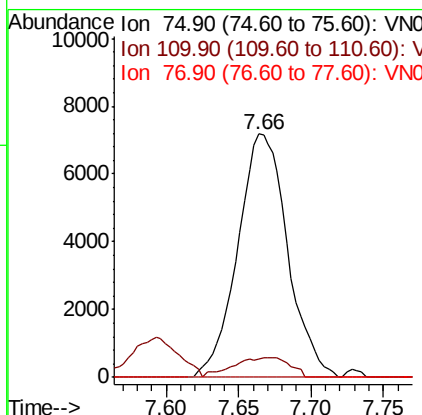
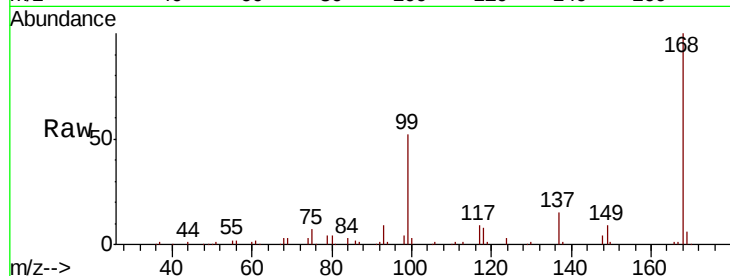




#36
 1,1-Dichloropropene
 Concen: 3.905 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056744.D
 Acq: 16 Jul 2019 4:27

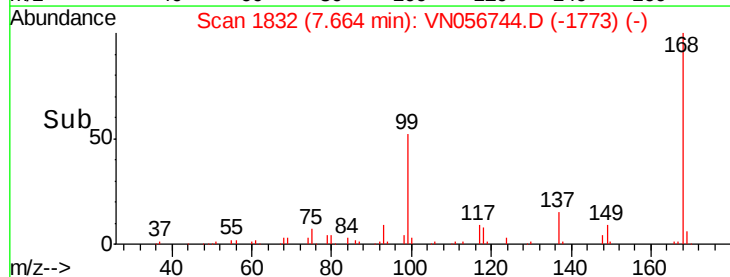
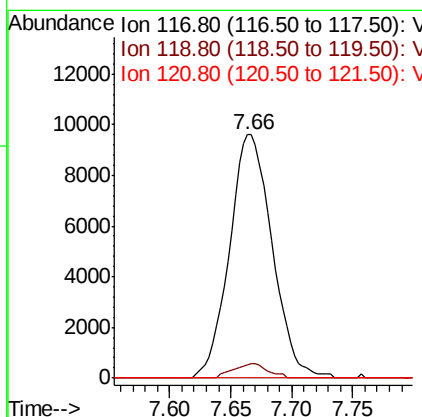
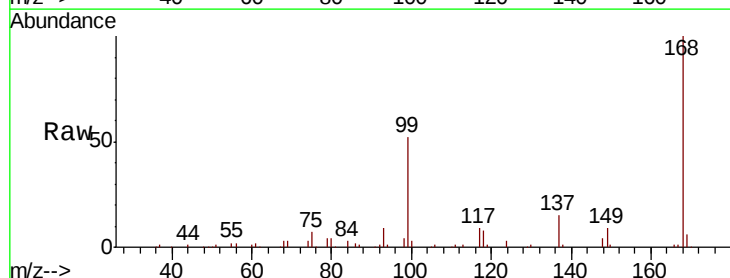
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-04-071119-B

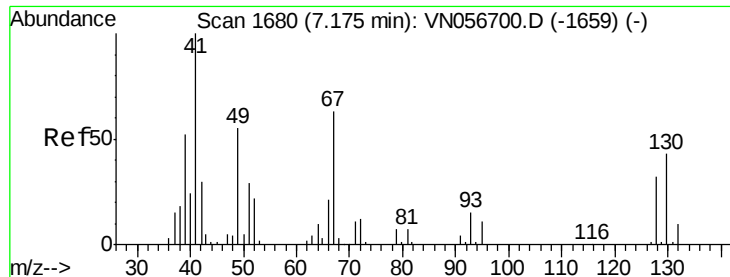
Tot Ion	75	Resp	17178
Ion Ratio	Lower	Upper	
75	100		
110	9.2	18.4	55.4#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.646 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN056744.D
 Acq: 16 Jul 2019 4:27

Tgt Ion	117	Resp	23292
Ion Ratio	Lower	Upper	
117	100		
119	5.7	77.5	116.3#
121	0.0	24.7	37.1#

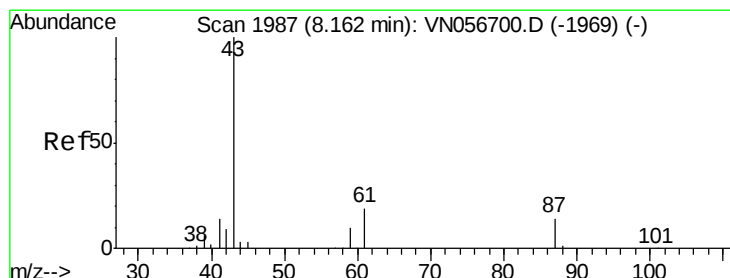
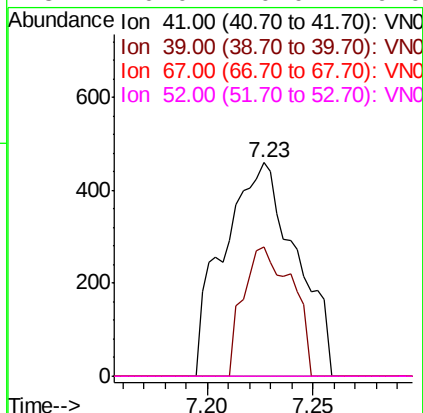
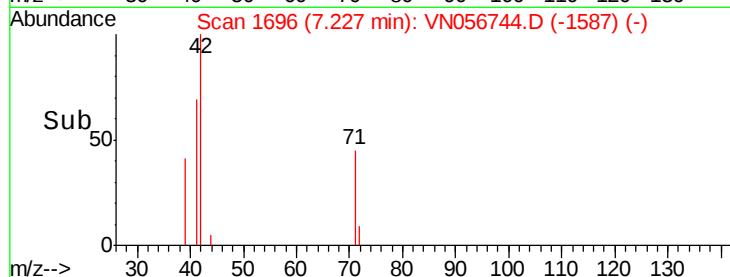
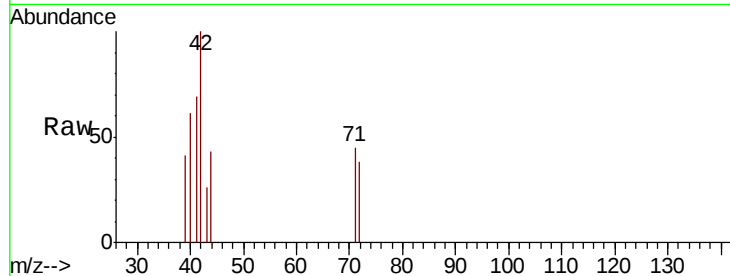




#41
Methacrylonitrile
Concen: 0.574 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.05 min
Lab File: VN056744.D
Acq: 16 Jul 2019 4:27

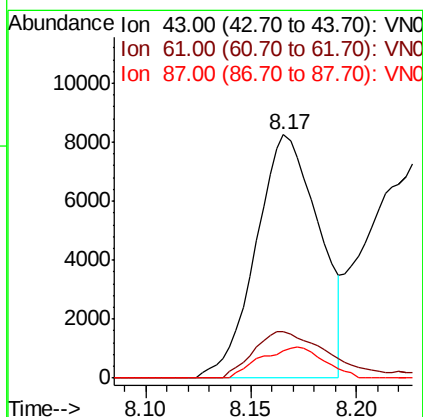
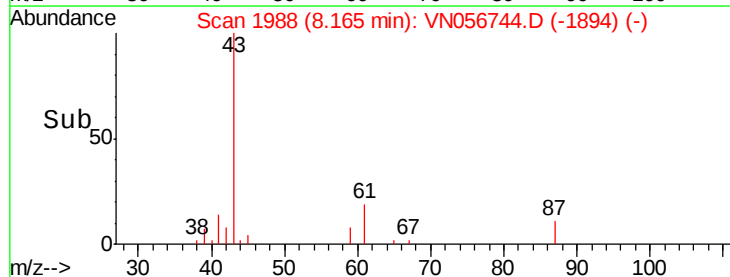
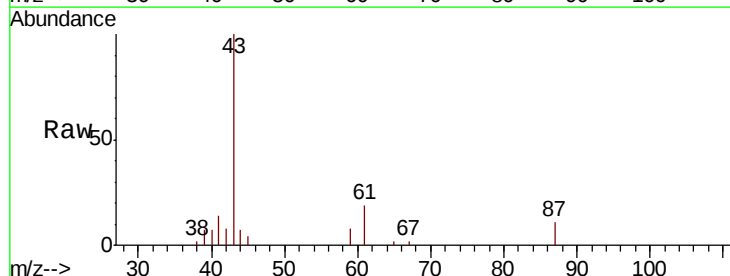
Instrument :
MSVOA_N
ClientSampled :
SU-04-071119-B

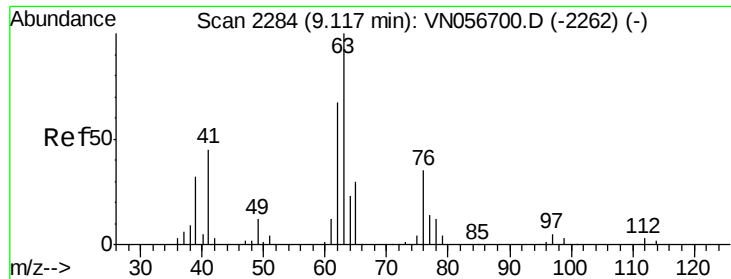
Tot Ion:	41	Resp:	1094
Ion	Ratio	Lower	Upper
41	100		
39	40.9	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 2.522 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN056744.D
Acq: 16 Jul 2019 4:27

Tgt Ion:	43	Resp:	17188
Ion	Ratio	Lower	Upper
43	100		
61	22.7	22.3	33.5
87	12.7	11.1	16.7

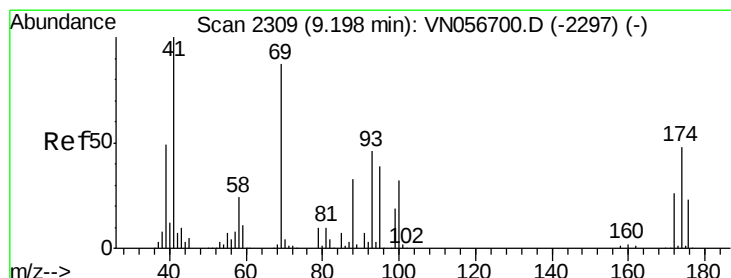
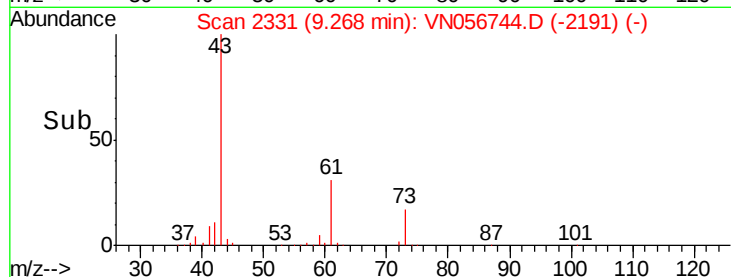
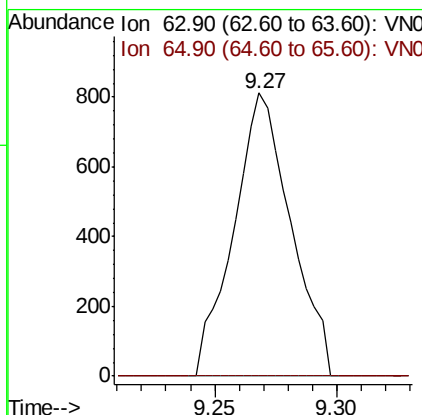
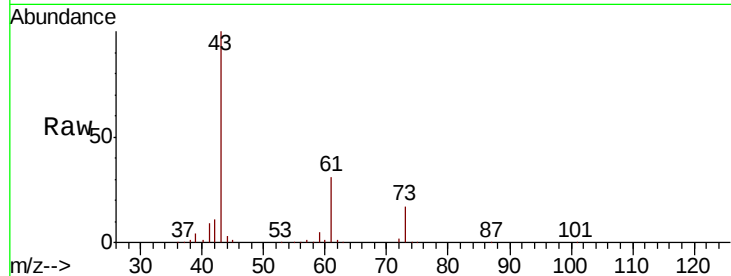




#45
 1,2-Dichloropropane
 Concen: 0.368 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN056744.D
 Acq: 16 Jul 2019 4:27

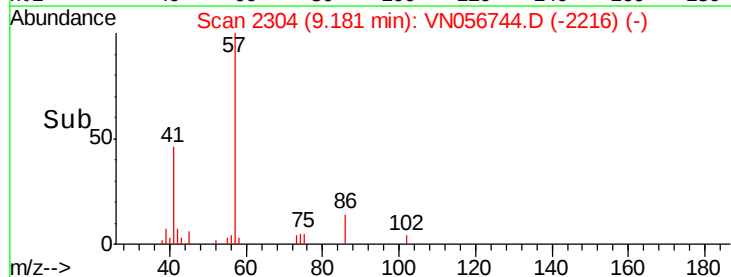
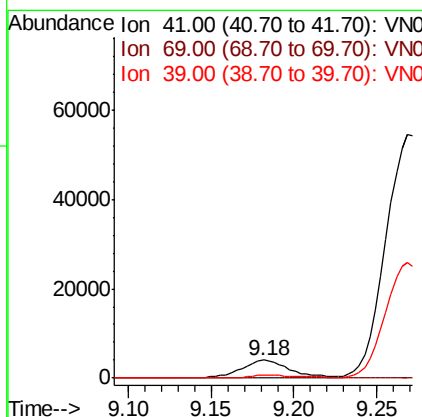
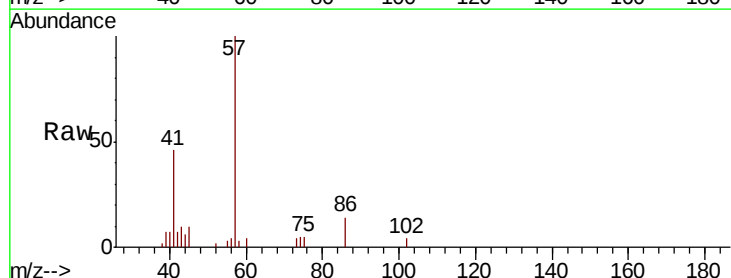
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-04-071119-B

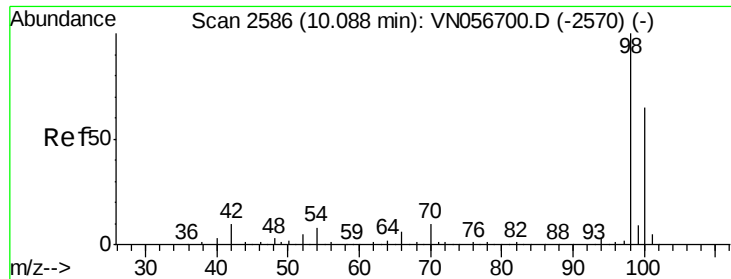
Tot Ion: 63 Resp: 1317
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.0 36.0#



#48
 Methyl methacrylate
 Concen: 2.520 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN056744.D
 Acq: 16 Jul 2019 4:27

Tgt Ion: 41 Resp: 8308
 Ion Ratio Lower Upper
 41 100
 69 0.0 71.4 107.0#
 39 18.2 41.2 61.8#





#50

Toluene-d8

Concen: 53.133 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056744.D

Acq: 16 Jul 2019 4:27

Instrument :

MSVOA_N

ClientSampleId :

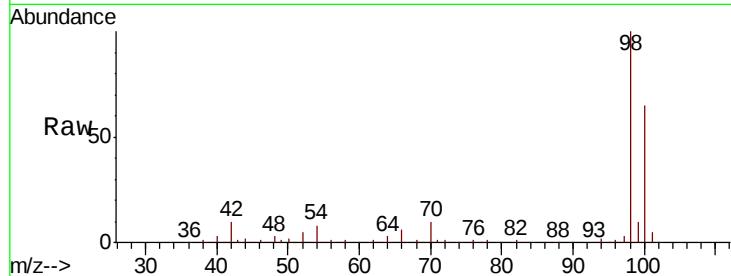
SU-04-071119-B

Tot Ion: 98 Resp: 607139

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN056700.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056700.D (-2570) (-)

10.09

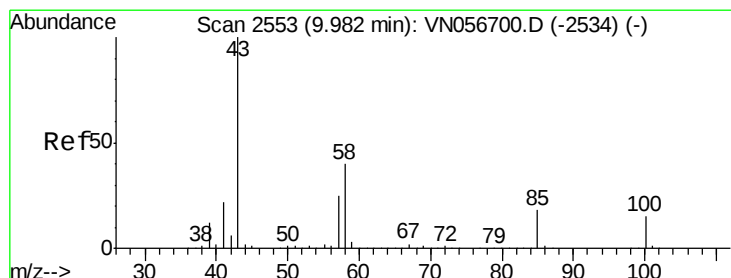
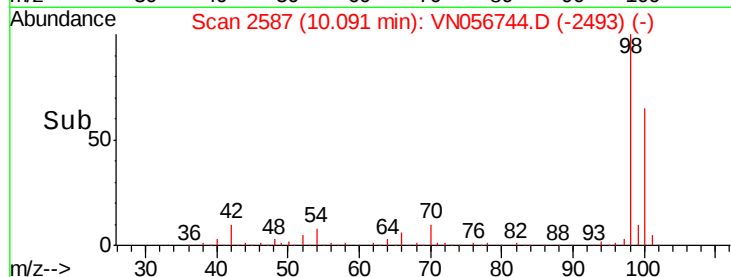
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.934 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056744.D

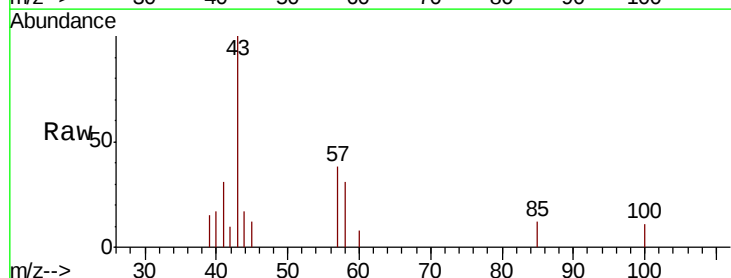
Acq: 16 Jul 2019 4:27

Tgt Ion: 43 Resp: 4125

Ion Ratio Lower Upper

43 100

58 31.9 32.0 48.0#



Abundance Ion 43.00 (42.70 to 43.70): VN056700.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN056700.D (-2534) (-)

5000

4000

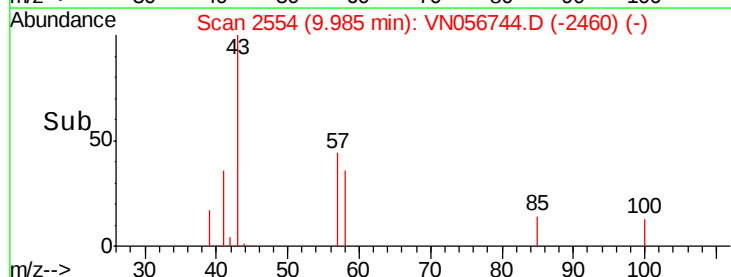
3000

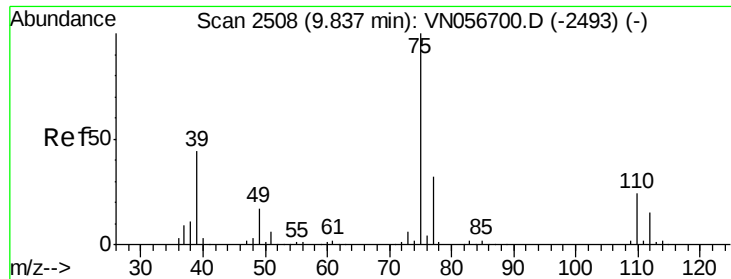
2000

1000

0

Time-->



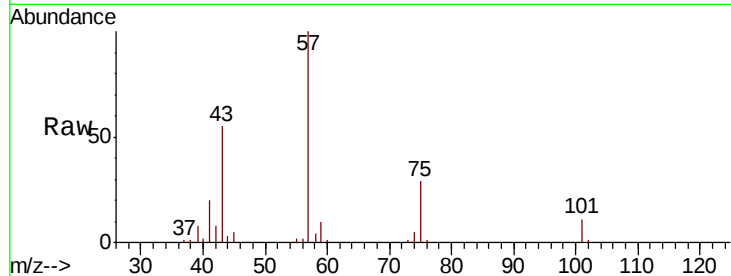


#54

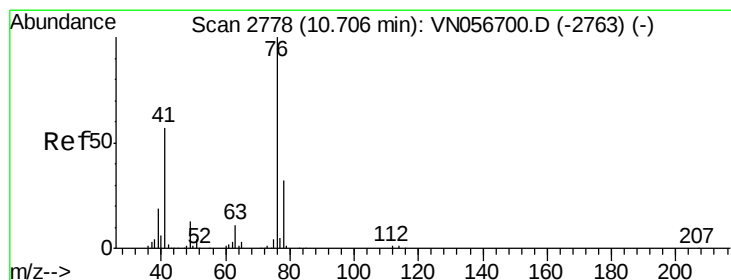
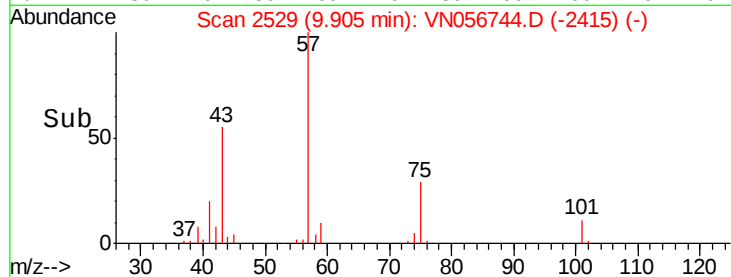
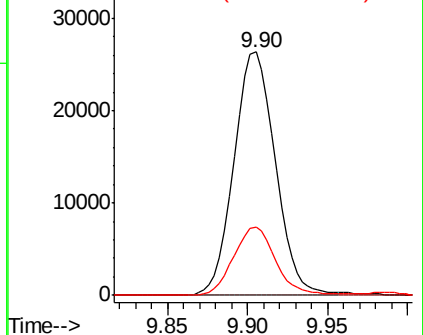
cis-1,3-Dichloropropene
 Concen: 9.093 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN056744.D
 Acq: 16 Jul 2019 4:27

Instrument :
 MSVOA_N
 ClientSampled :
 SU-04-071119-B

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.0	39.0#
39	28.2	35.1	52.7#



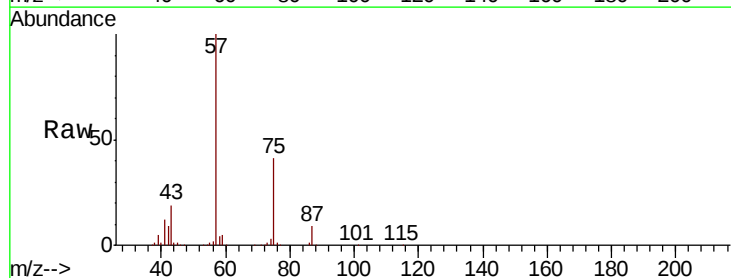
Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 76.90 (76.60 to 77.60): VNO
 Ion 39.00 (38.70 to 39.70): VNO



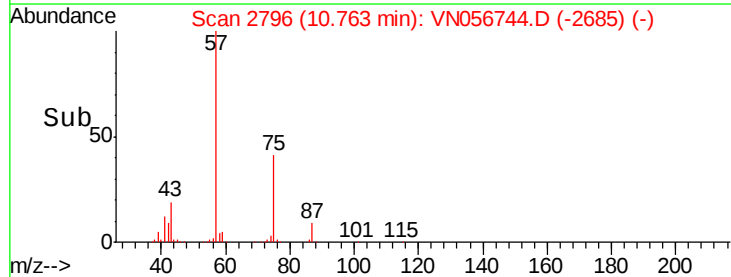
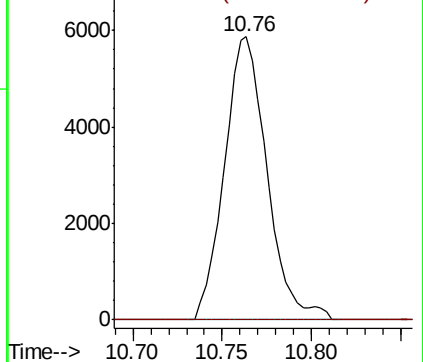
#57

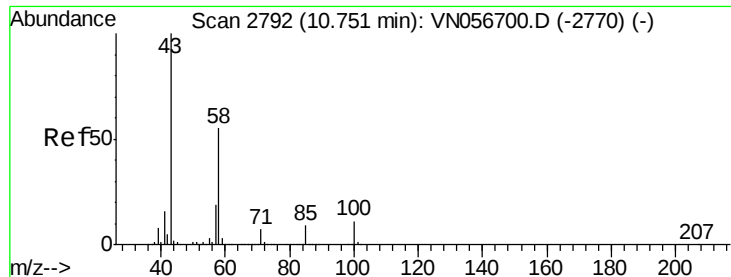
1,3-Dichloropropane
 Concen: 1.776 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056744.D
 Acq: 16 Jul 2019 4:27

Tgt Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#



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

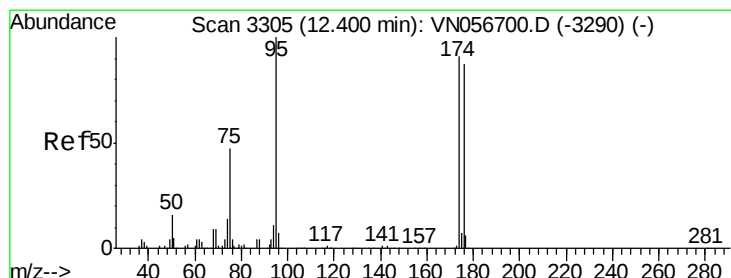
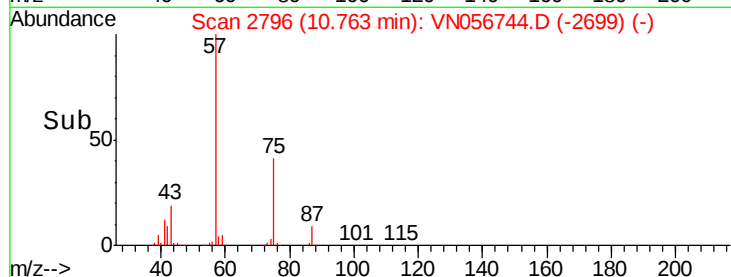
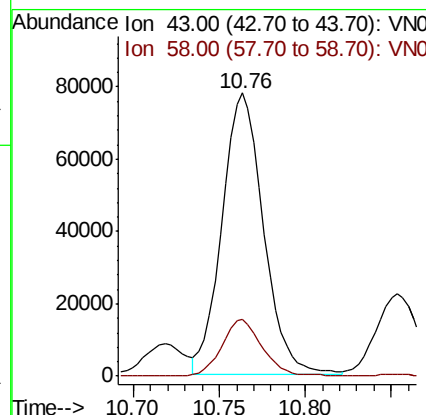
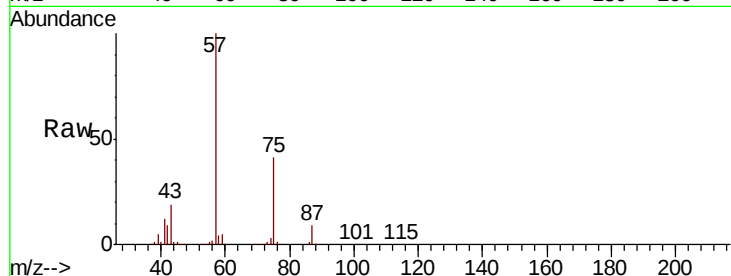




#59
2-Hexanone
Concen: 41.514 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056744.D
Acq: 16 Jul 2019 4:27

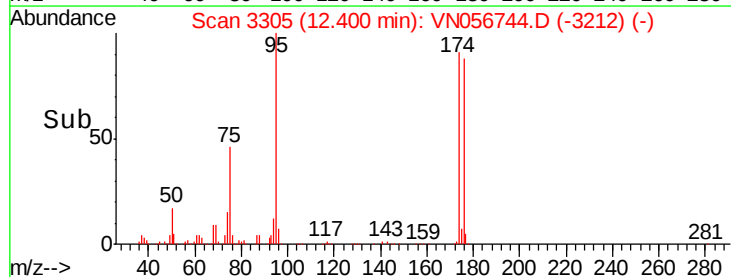
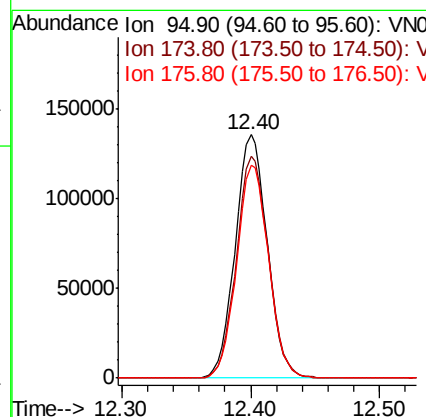
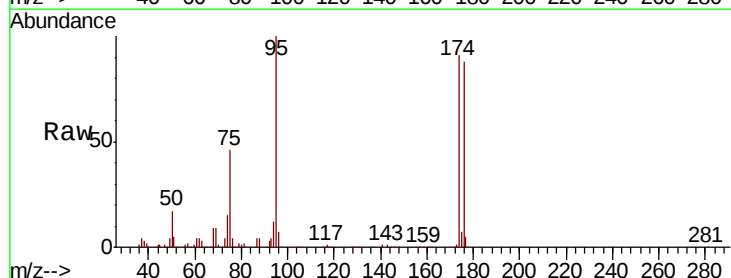
Instrument :
MSVOA_N
ClientSampleId :
SU-04-071119-B

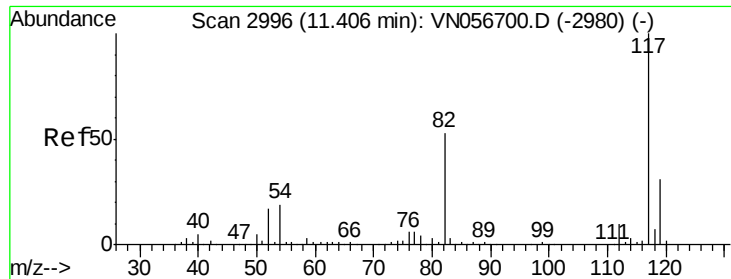
Tot Ion: 43 Resp: 131511
Ion Ratio Lower Upper
43 100
58 19.5 27.9 83.6#



#62
4-Bromofluorobenzene
Concen: 60.728 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056744.D
Acq: 16 Jul 2019 4:27

Tgt Ion: 95 Resp: 234015
Ion Ratio Lower Upper
95 100
174 91.1 0.0 180.0
176 87.3 0.0 173.2

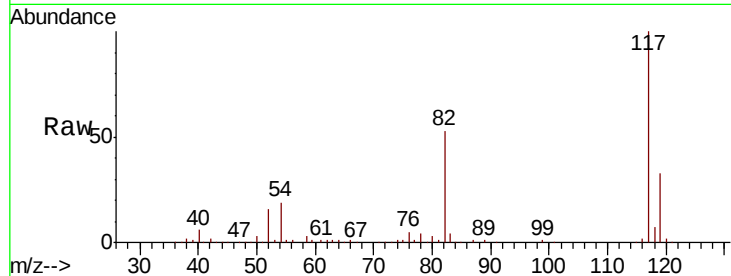




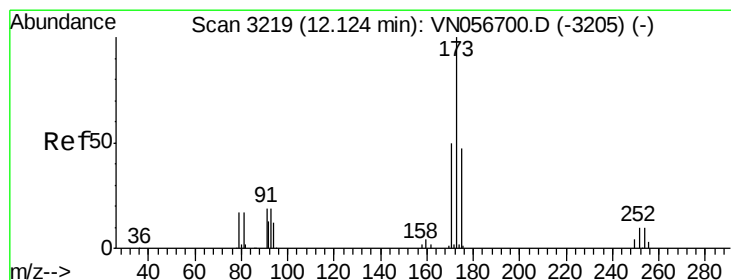
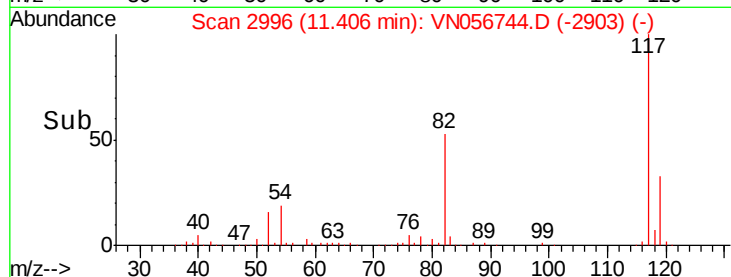
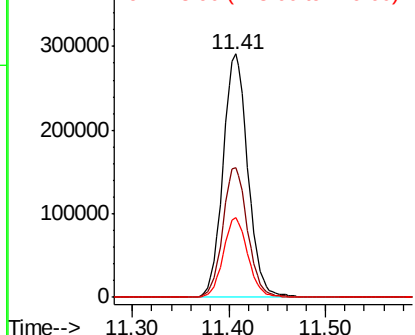
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056744.D
Acq: 16 Jul 2019 4:27

Instrument :
MSVOA_N
ClientSampleId :
SU-04-071119-B

Tot Ion:117 Resp: 518721
Ion Ratio Lower Upper
117 100
82 53.4 42.2 63.2
119 32.7 25.2 37.8

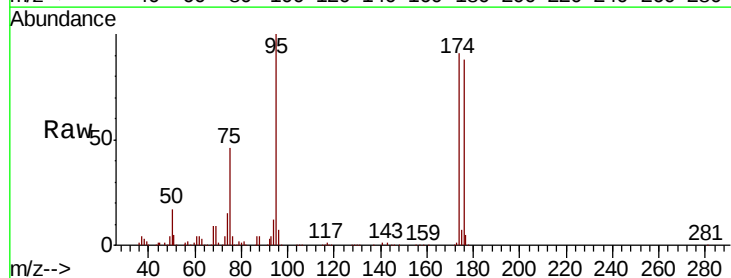


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

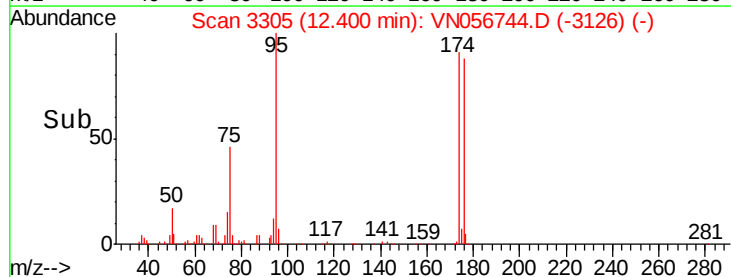
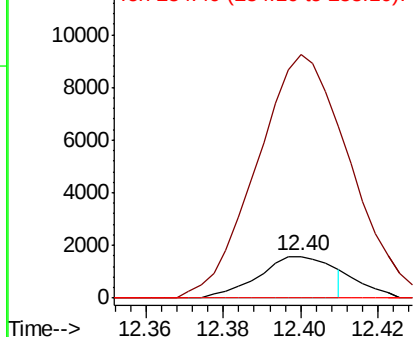


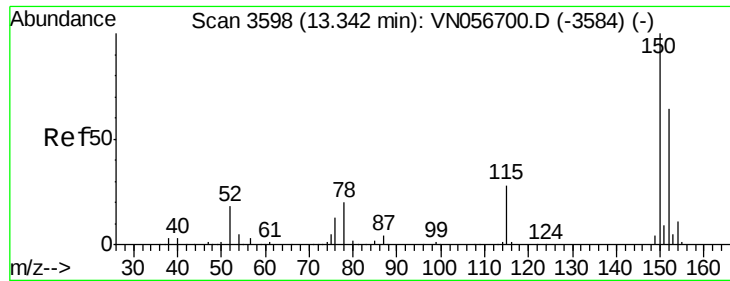
#71
Bromoform
Concen: 0.713 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.28 min
Lab File: VN056744.D
Acq: 16 Jul 2019 4:27

Tgt Ion:173 Resp: 2118
Ion Ratio Lower Upper
173 100
175 597.9 23.8 71.4#
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: VN056744.D

Acq: 16 Jul 2019 4:27

Instrument :

MSVOA_N

ClientSampleId :

SU-04-071119-B

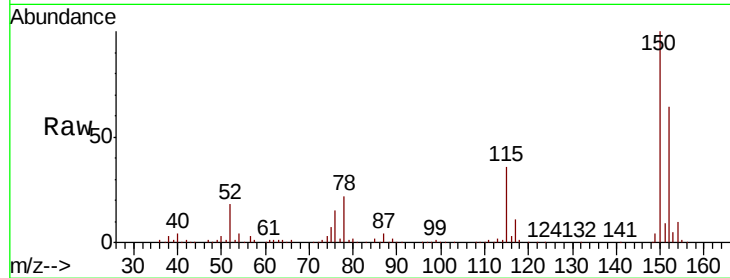
Tot Ion:152 Resp: 225923

Ion Ratio Lower Upper

152 100

115 56.4 28.2 84.7

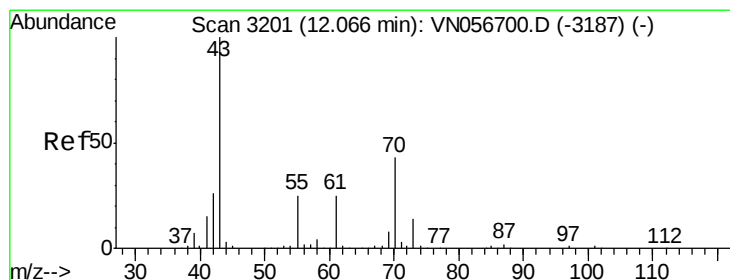
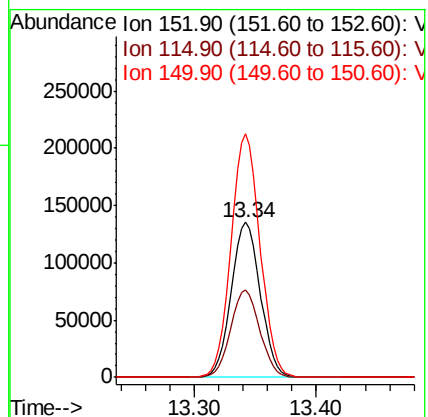
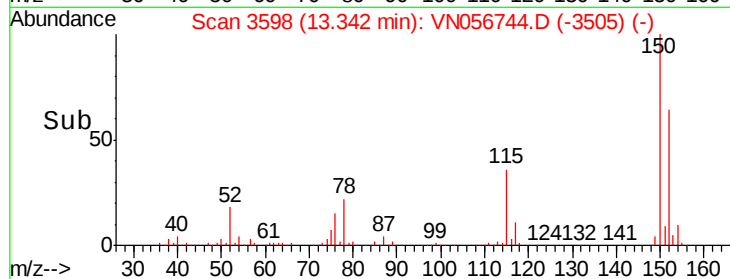
150 155.8 0.0 345.8



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



#74

N-ethyl acetate

Concen: 1.540 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN056744.D

Acq: 16 Jul 2019 4:27

Tgt Ion: 43 Resp: 10448

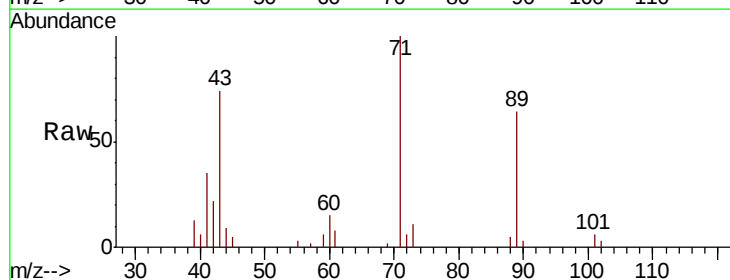
Ion Ratio Lower Upper

43 100

70 0.9 34.5 51.7#

55 3.0 20.2 30.2#

61 9.7 19.9 29.9#

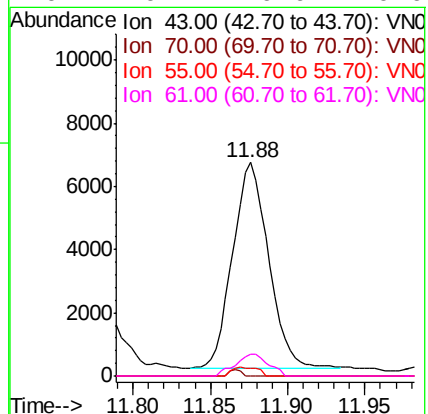
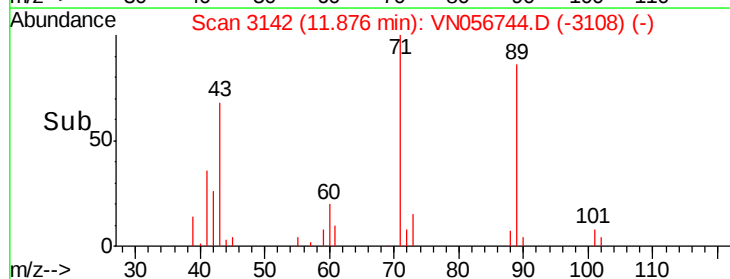


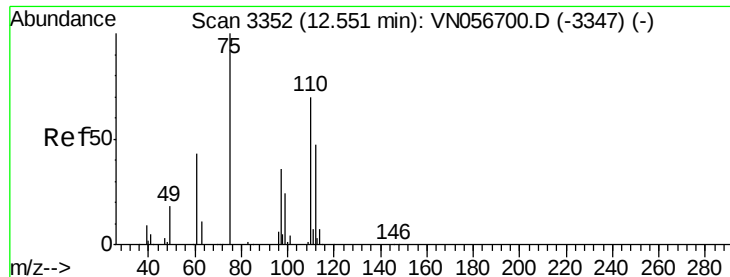
Abundance Ion 43.00 (42.70 to 43.70): V

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: 21.690 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056744.D

Acq: 16 Jul 2019 4:27

Instrument :

MSVOA_N

ClientSampled :

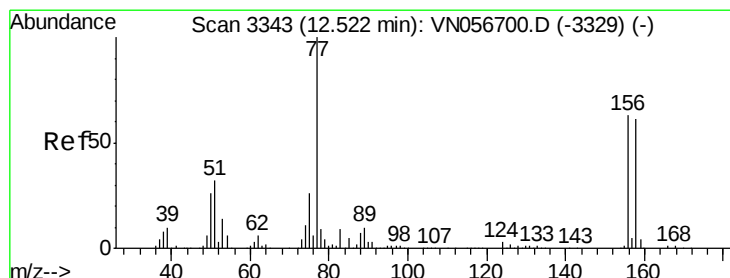
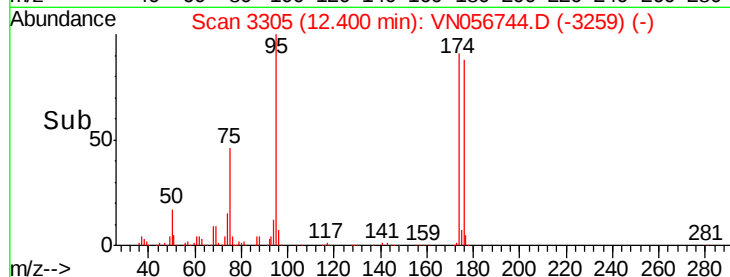
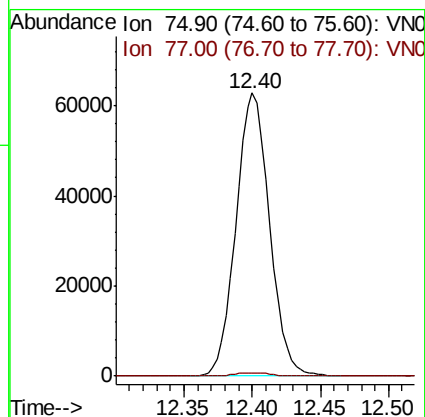
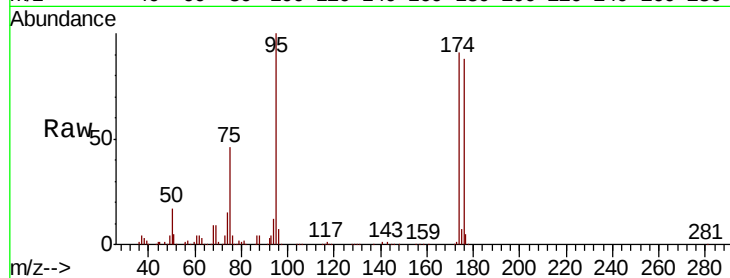
SU-04-071119-B

Tot Ion: 75 Resp: 107176

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#77

Bromobenzene

Concen: 0.319 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.01 min

Lab File: VN056744.D

Acq: 16 Jul 2019 4:27

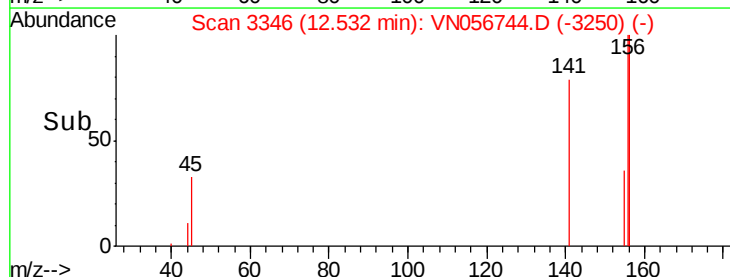
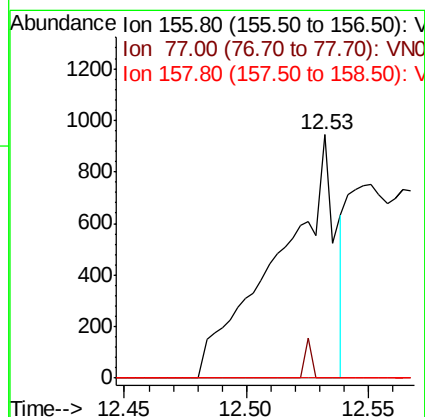
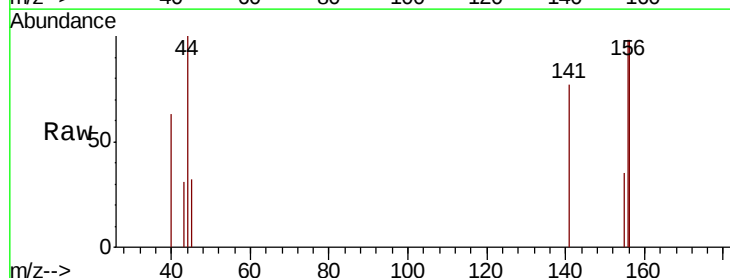
Tgt Ion: 156 Resp: 1520

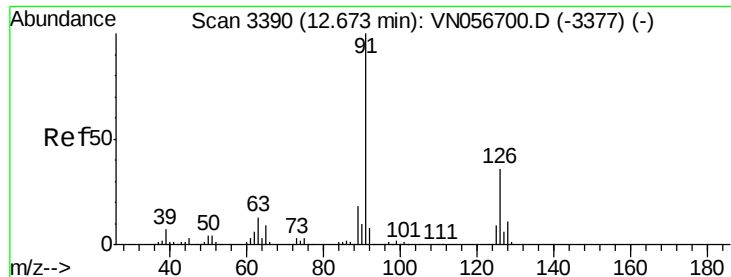
Ion Ratio Lower Upper

156 100

77 0.0 97.2 291.6#

158 0.0 48.9 146.8#

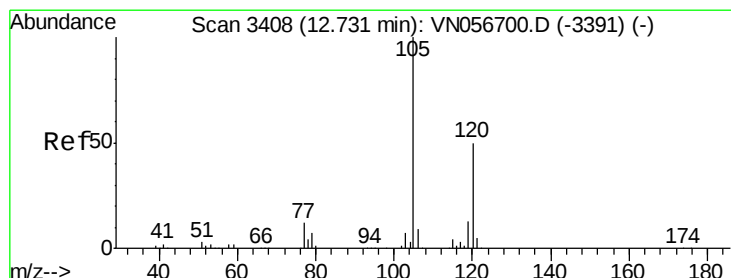
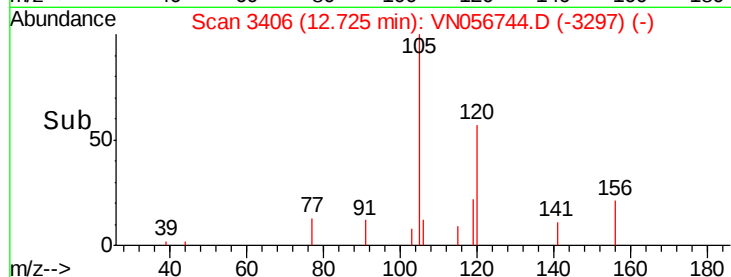
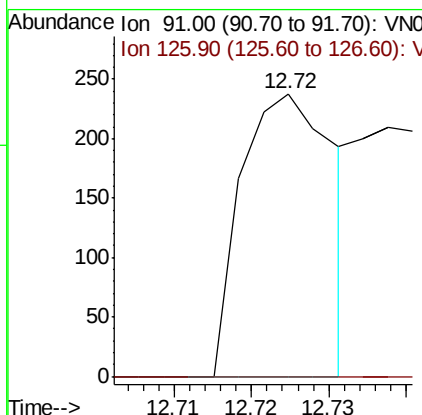
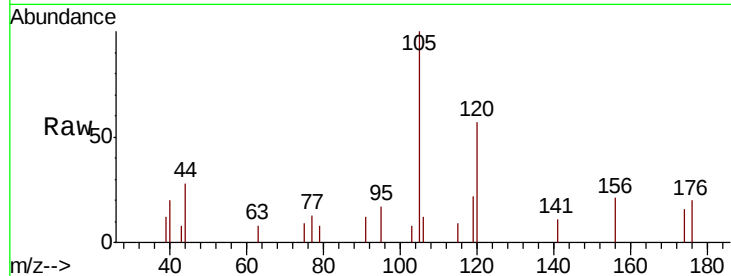




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.72 min Scan# 3406
 Delta R.T. 0.05 min
 Lab File: VN056744.D
 Acq: 16 Jul 2019 4:27

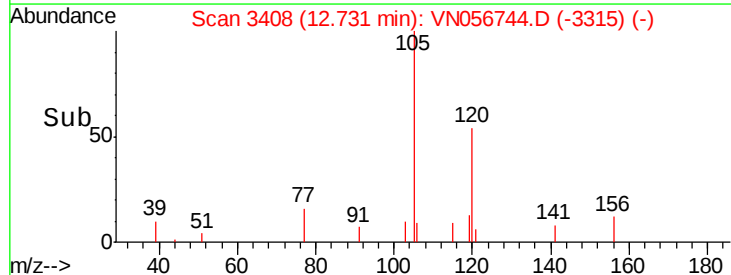
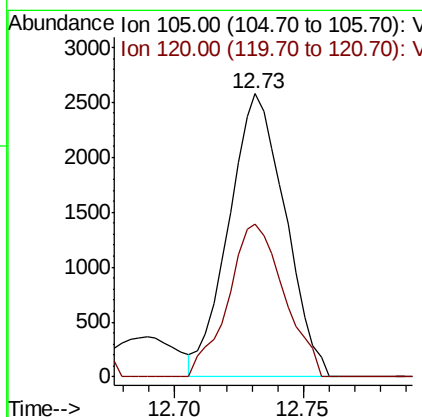
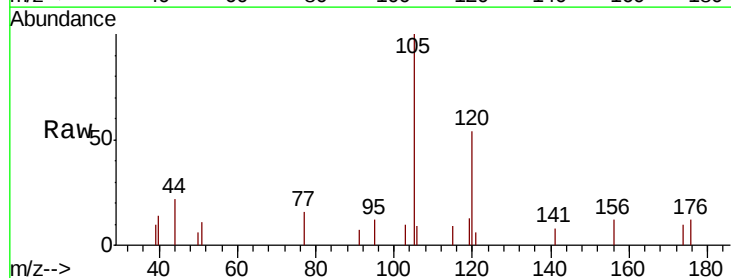
Instrument :
 MSVOA_N
 ClientSampled :
 SU-04-071119-B

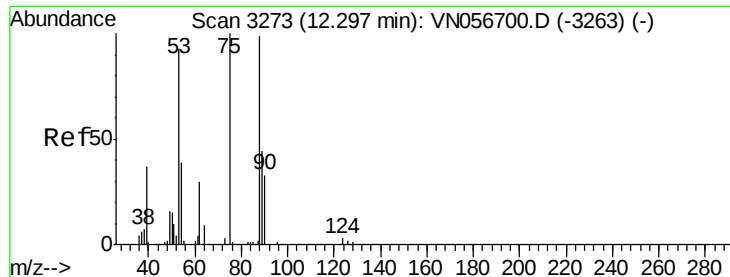
Tot Ion: 91 Resp: 198
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.9 53.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.254 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN056744.D
 Acq: 16 Jul 2019 4:27

Tgt Ion: 105 Resp: 3927
 Ion Ratio Lower Upper
 105 100
 120 53.6 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 66.986 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056744.D

Acq: 16 Jul 2019 4:27

Instrument :

MSVOA_N

ClientSampled :

SU-04-071119-B

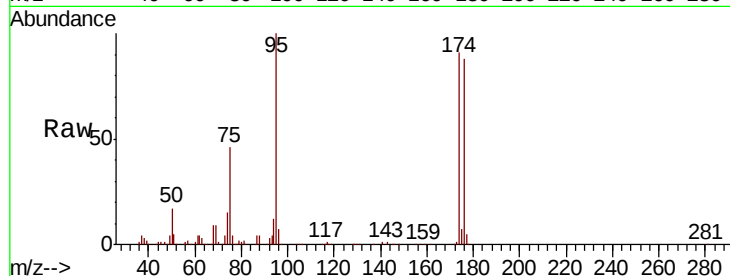
Tot Ion: 75 Resp: 107176

Ion Ratio Lower Upper

75 100

53 0.0 73.7 110.5#

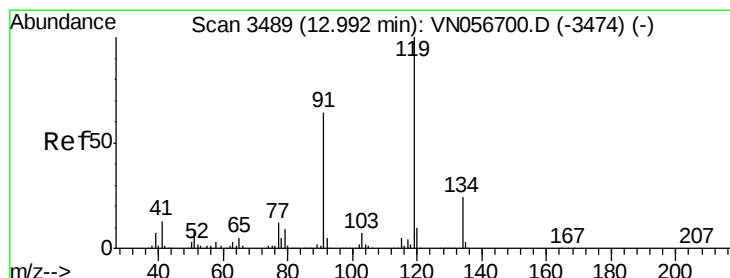
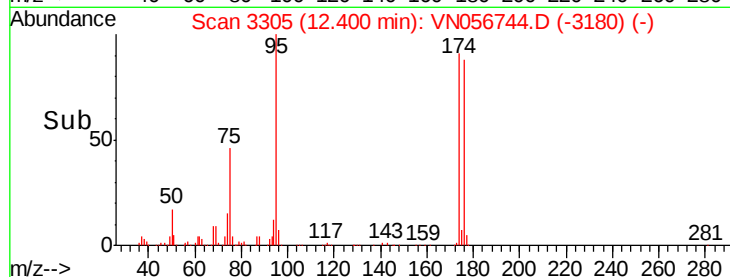
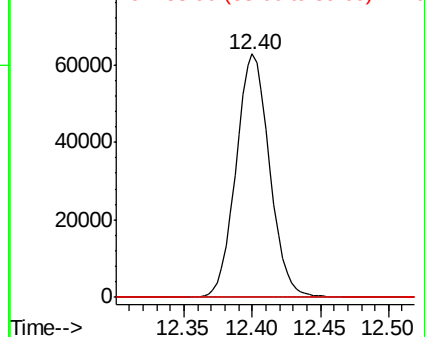
89 0.0 36.2 54.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3503

Delta R.T. 0.05 min

Lab File: VN056744.D

Acq: 16 Jul 2019 4:27

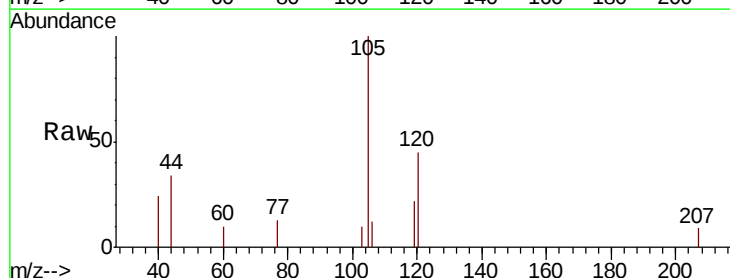
Tgt Ion: 119 Resp: 374

Ion Ratio Lower Upper

119 100

91 7.8 31.8 95.4#

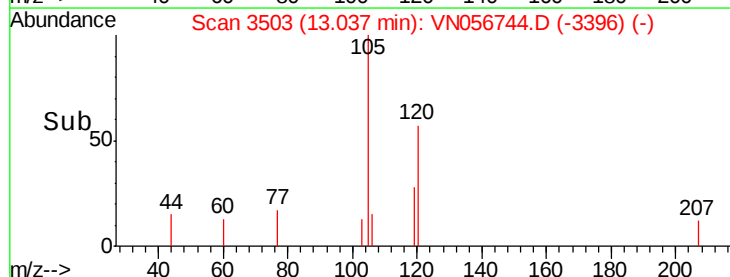
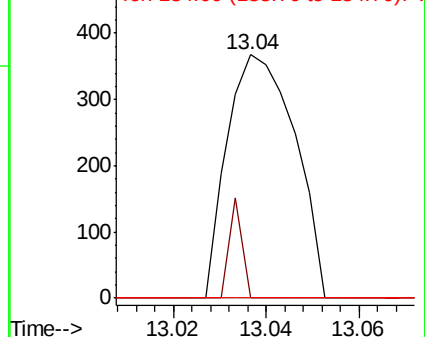
134 0.0 13.0 38.9#

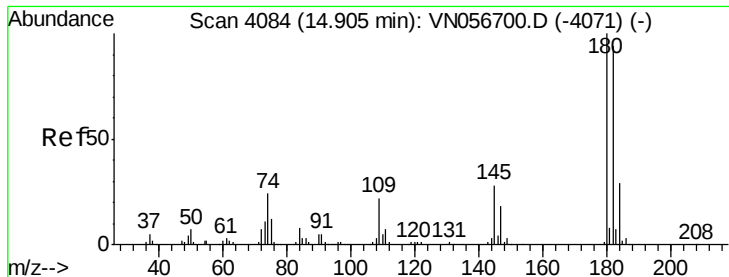


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V

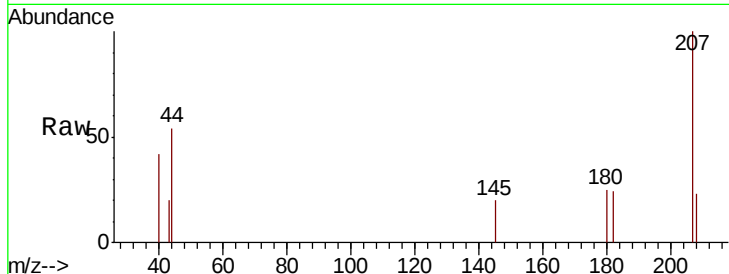




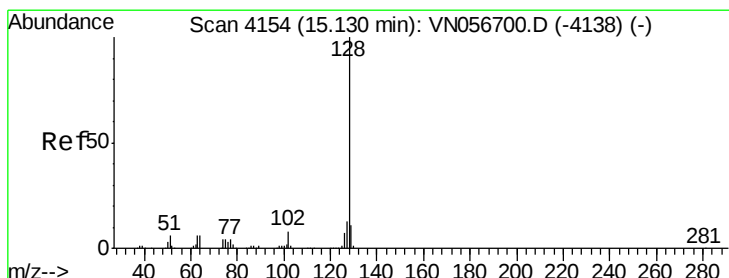
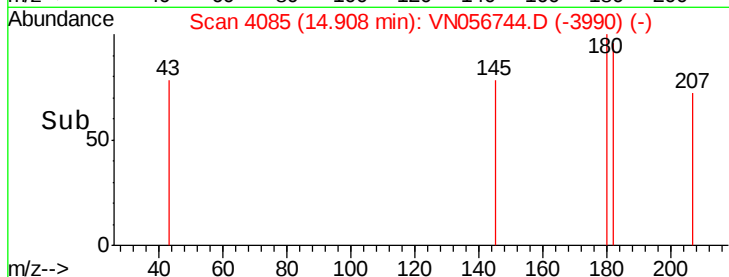
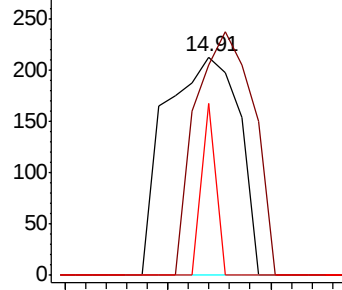
#93
 1,2,4-Trichlorobenzene
 Concen: 3.736 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056744.D
 Acq: 16 Jul 2019 4:27

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-04-071119-B

Tot Ion:180 Resp: 211
 Ion Ratio Lower Upper
 180 100
 182 87.7 47.2 141.6
 145 15.2 14.2 42.8

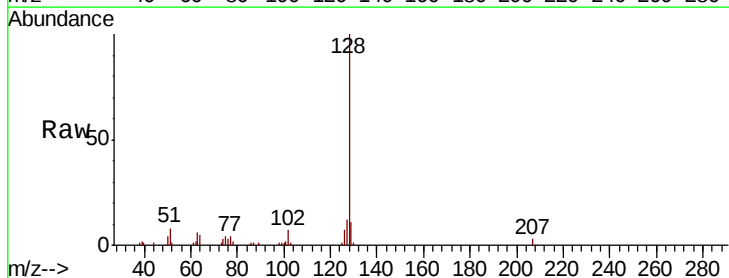


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

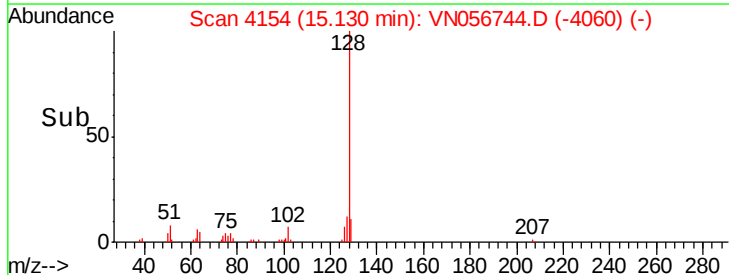
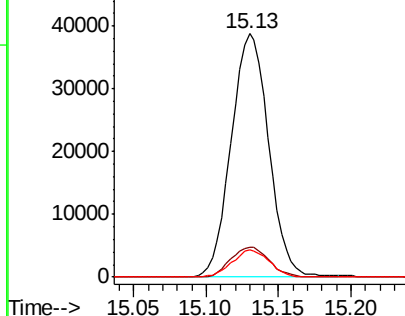


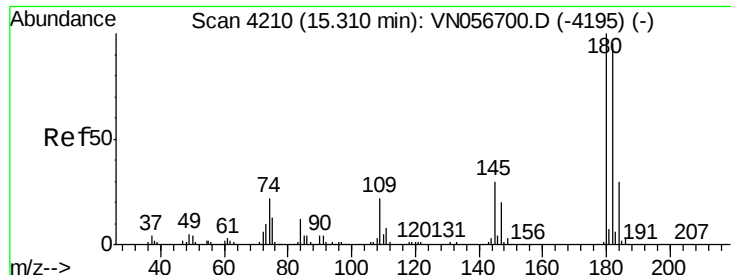
#95
 Naphthalene
 Concen: 9.768 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN056744.D
 Acq: 16 Jul 2019 4:27

Tgt Ion:128 Resp: 69775
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.3 15.5
 129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

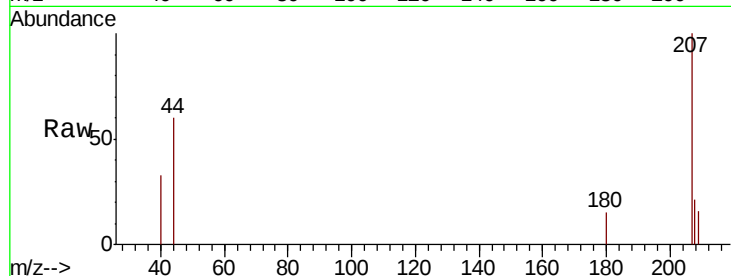




#96
 1,2,3-Trichlorobenzene
 Concen: 3.350 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.01 min
 Lab File: VN056744.D
 Acq: 16 Jul 2019 4:27

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-04-071119-B

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.1	141.3#
145	0.0	15.0	45.1#



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

