

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
 Data File : VN056612.D
 Acq On : 8 Jul 2019 16:18
 Operator : JC/SP
 Sample : K3624-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-01-070319-D

Quant Time: Jul 09 03:46:16 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	299165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	524538	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	549312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	228177	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	178102	53.72	ug/l	0.00
Spiked Amount			Recovery	=	107.44%	
35) Dibromofluoromethane	7.59	113	155847	47.63	ug/l	0.00
Spiked Amount			Recovery	=	95.26%	
50) Toluene-d8	10.09	98	661471	51.95	ug/l	0.00
Spiked Amount			Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.40	95	247731	58.37	ug/l	0.00
Spiked Amount			Recovery	=	116.74%	

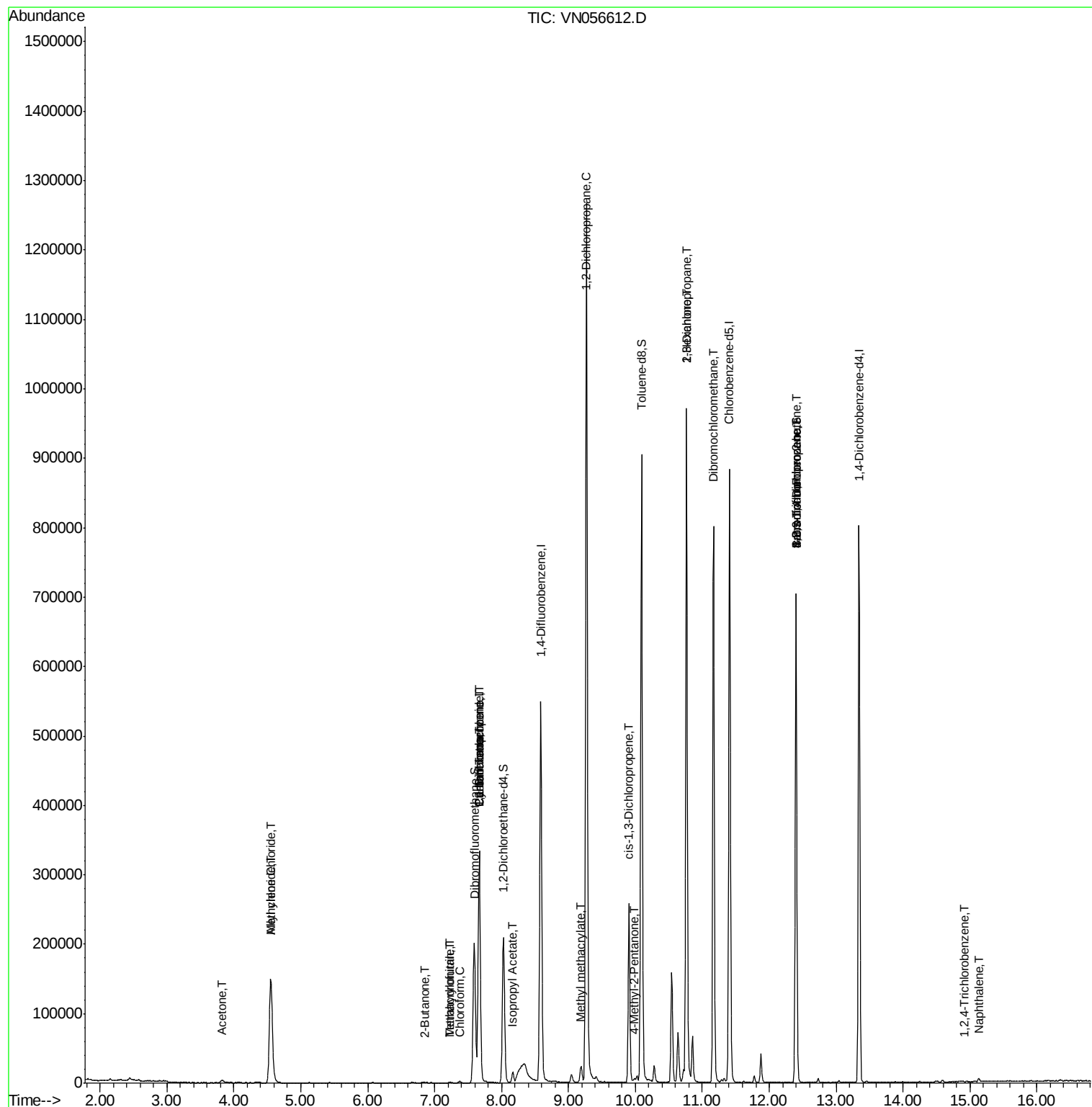
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.55	41	4744	1.078	ug/l #	28
16) Acetone	3.83	43	8186	4.928	ug/l	91
18) Methyl Acetate	4.32	43	614	Below Cal		95
20) Methylene Chloride	4.55	84	121762	38.680	ug/l	97
25) 2-Butanone	6.86	43	581	0.264	ug/l #	49
29) Tetrahydrofuran	7.22	42	798	0.594	ug/l #	56
30) Chloroform	7.37	83	2566	0.490	ug/l	89
31) Cyclohexane	7.67	56	4915	0.960	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	19810	4.291	ug/l #	48
38) Carbon Tetrachloride	7.67	117	25537	6.325	ug/l #	15
41) Methacrylonitrile	7.22	41	435	0.217	ug/l #	21
43) Isopropyl Acetate	8.17	43	17847	2.551	ug/l #	90
45) 1,2-Dichloropropane	9.27	63	1644	0.433	ug/l #	43
48) Methyl methacrylate	9.18	41	8626	2.460	ug/l #	12
51) 4-Methyl-2-Pentanone	9.99	43	3910	0.866	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	48672	9.591	ug/l #	63
57) 1,3-Dichloropropane	10.76	76	10792	1.841	ug/l #	42
59) 2-Hexanone	10.76	43	142143	42.829	ug/l #	50
60) Dibromochloromethane	11.17	129	29	2.390	ug/l #	10
71) Bromoform	12.41	173	2051	3.781	ug/l #	1
73) Isopropylbenzene	12.25	105	104	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	115774	24.470	ug/l #	100
79) 2-Chlorotoluene	12.73	91	300	Below Cal	#	40
80) 1,3,5-Trimethylbenzene	12.73	105	2974	Below Cal		92
81) trans-1,4-Dichloro-2-buten	12.40	75	115774	86.969	ug/l #	8
83) tert-Butylbenzene	13.03	119	101	Below Cal	#	28
93) 1,2,4-Trichlorobenzene	14.92	180	29	5.621	ug/l #	13
95) Naphthalene	15.13	128	5389	5.707	ug/l	95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056612.D

Acq: 8 Jul 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

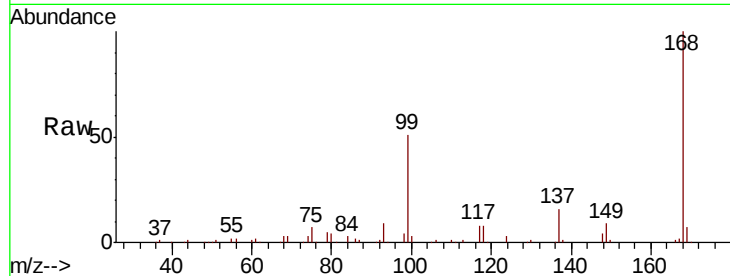
PL-01-070319-D

Tot Ion:168 Resp: 299165

Ion Ratio Lower Upper

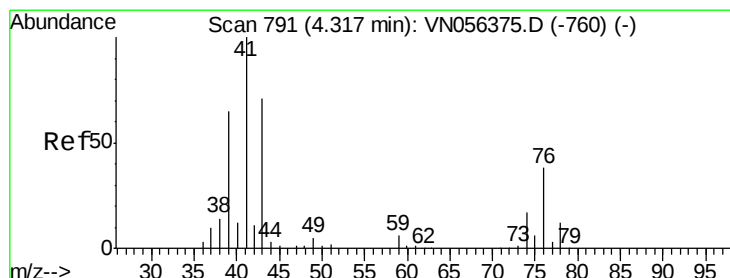
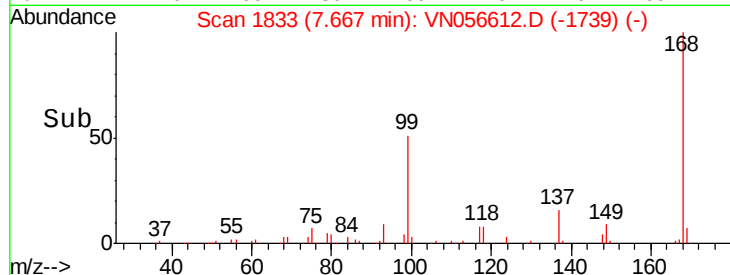
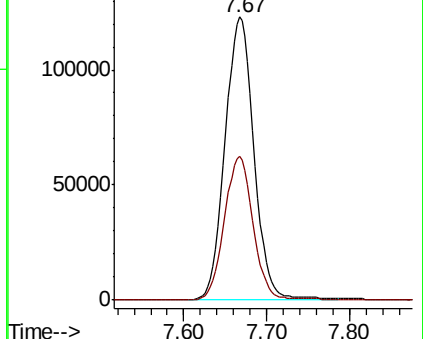
168 100

99 50.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#14

Allyl chloride

Concen: 1.078 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.23 min

Lab File: VN056612.D

Acq: 8 Jul 2019 16:18

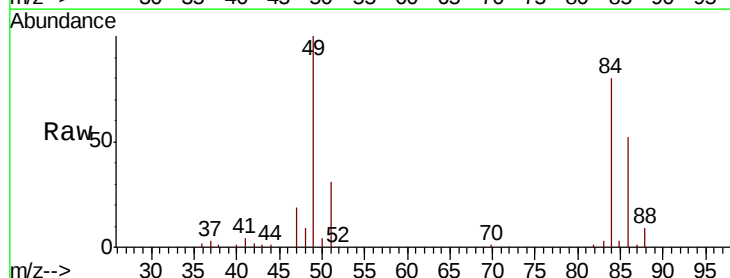
Tgt Ion: 41 Resp: 4744

Ion Ratio Lower Upper

41 100

39 0.0 48.6 73.0#

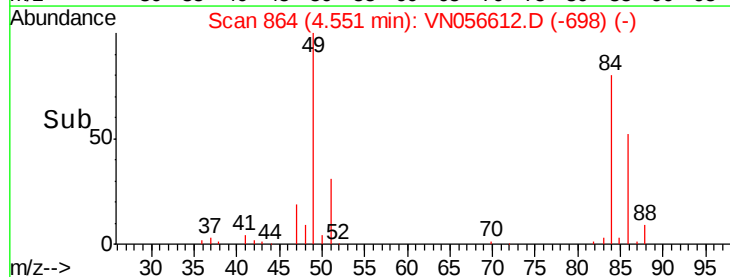
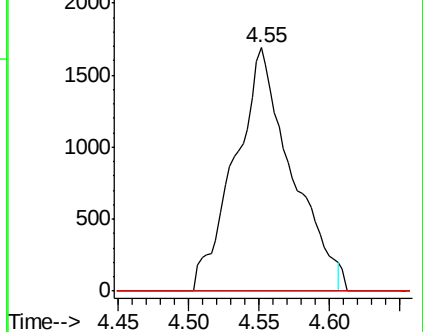
76 0.0 26.6 40.0#

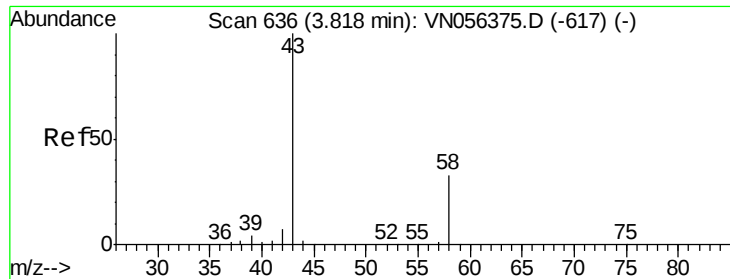


Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN





#16

Acetone

Concen: 4.928 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN056612.D

Acq: 8 Jul 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

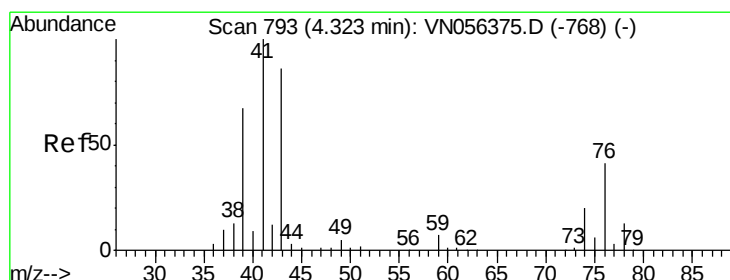
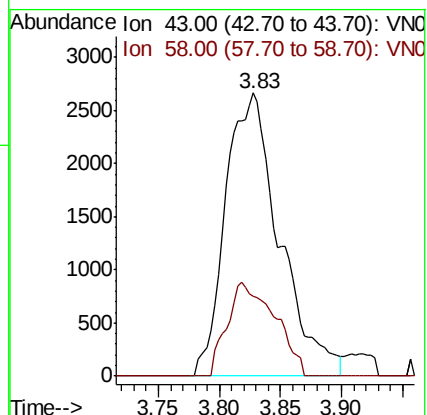
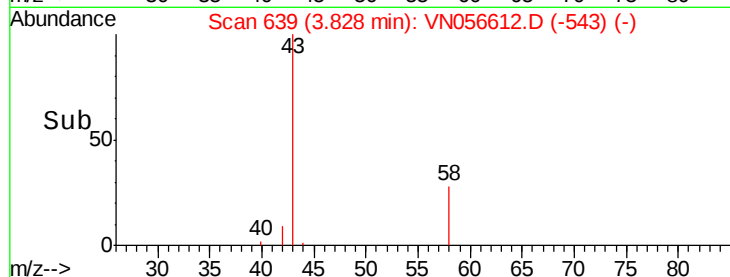
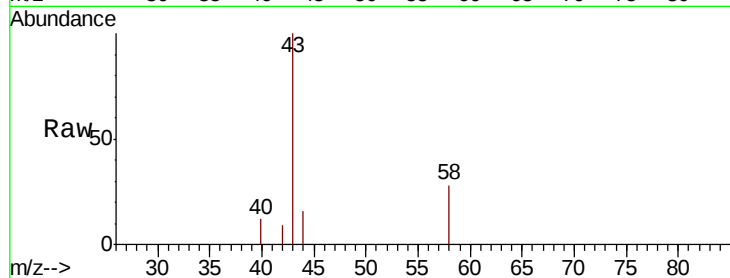
PL-01-070319-D

Tot Ion: 43 Resp: 8186

Ion Ratio Lower Upper

43 100

58 28.1 26.4 39.6



#18

Methyl Acetate

Concen: Below Cal

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN056612.D

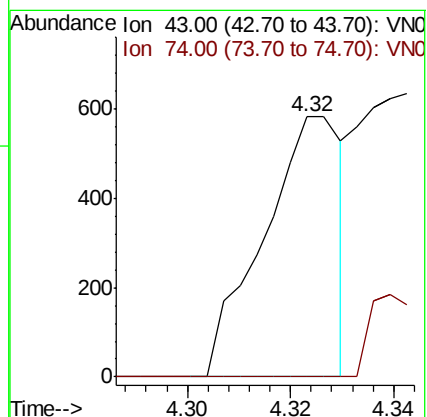
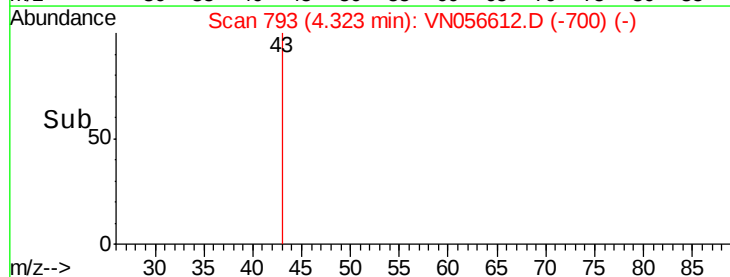
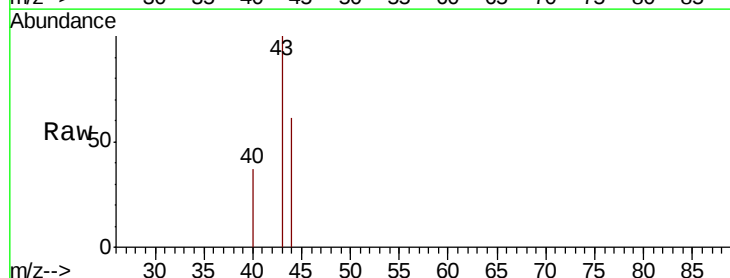
Acq: 8 Jul 2019 16:18

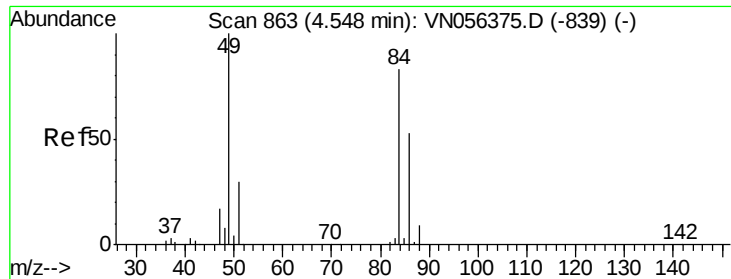
Tgt Ion: 43 Resp: 614

Ion Ratio Lower Upper

43 100

74 21.5 19.2 28.8

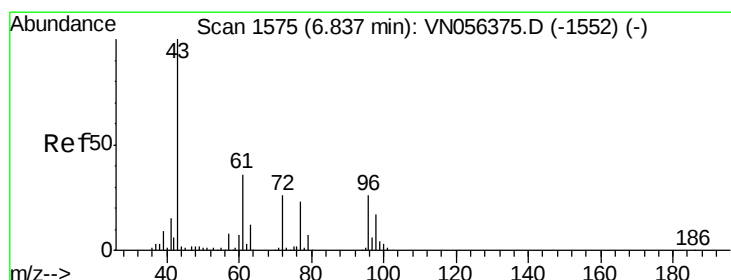
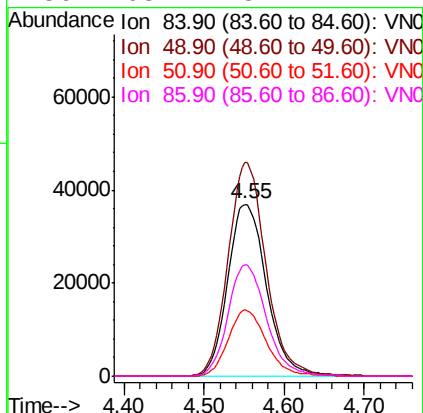
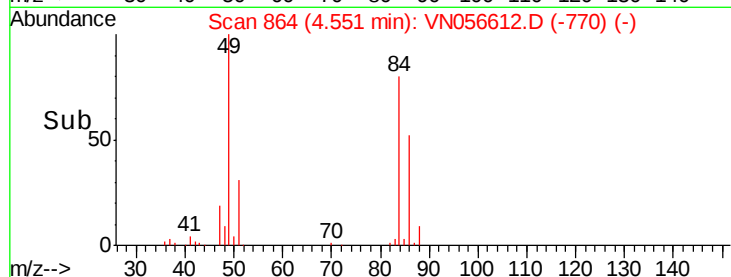
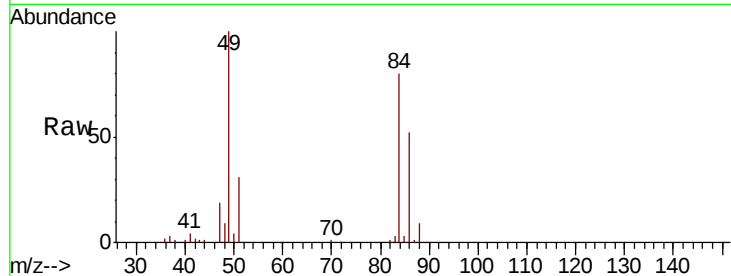




#20
Methvlene Chloride
Concen: 38.680 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056612.D
Acq: 8 Jul 2019 16:18

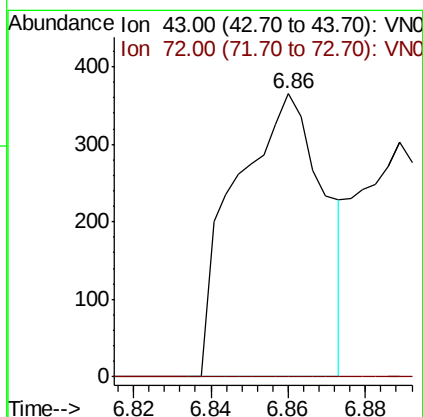
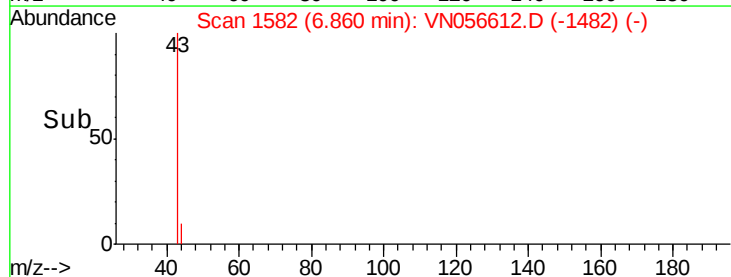
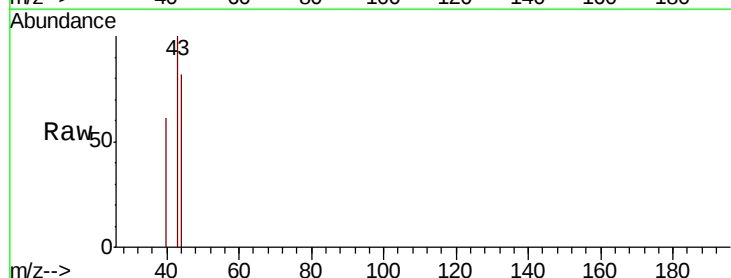
Instrument :
MSVOA_N
ClientSampleId :
PL-01-070319-D

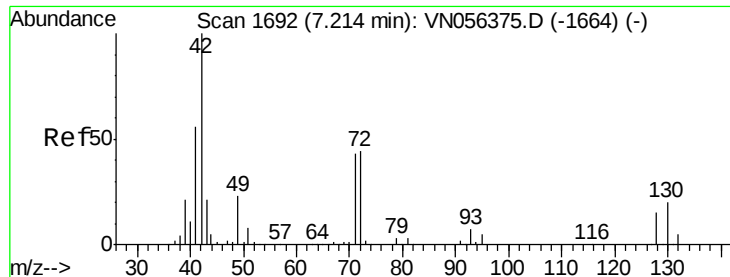
Tot Ion: 84 Resp: 121762
Ion Ratio Lower Upper
84 100
49 124.5 96.4 144.6
51 38.6 28.6 43.0
86 65.2 51.4 77.2



#25
2-Butanone
Concen: 0.264 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. 0.02 min
Lab File: VN056612.D
Acq: 8 Jul 2019 16:18

Tgt Ion: 43 Resp: 581
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#





#29

Tetrahydrofuran

Concen: 0.594 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN056612.D

Acq: 8 Jul 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

PL-01-070319-D

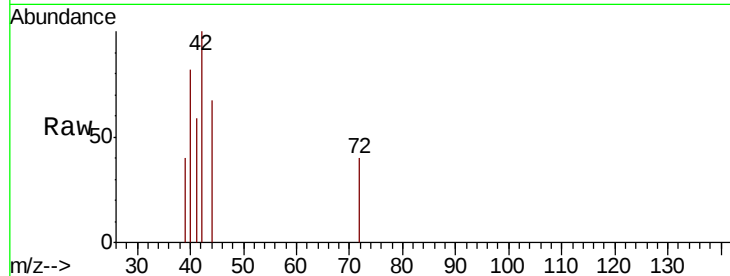
Tot Ion: 42 Resp: 798

Ion Ratio Lower Upper

42 100

72 25.2 34.7 52.1#

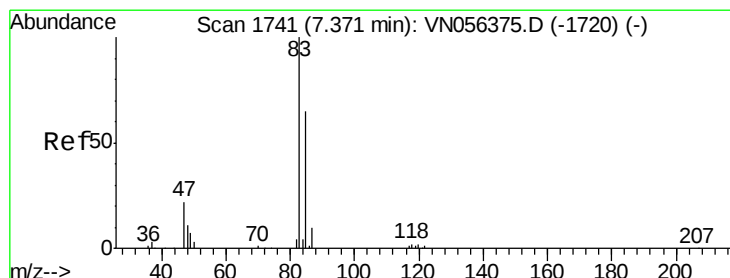
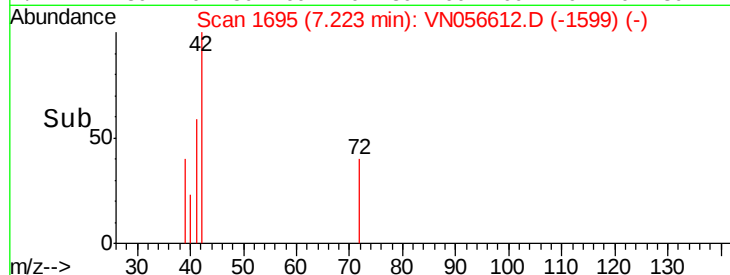
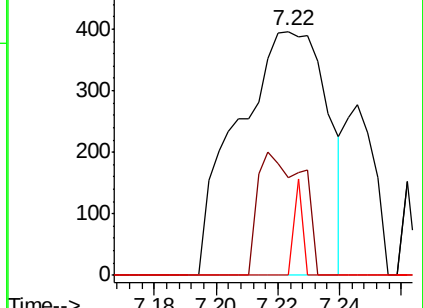
71 3.8 33.0 49.6#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 0.490 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN056612.D

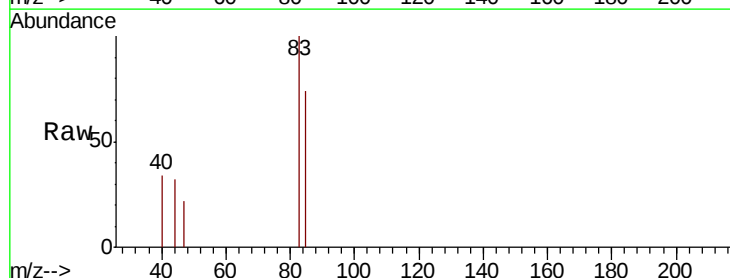
Acq: 8 Jul 2019 16:18

Tgt Ion: 83 Resp: 2566

Ion Ratio Lower Upper

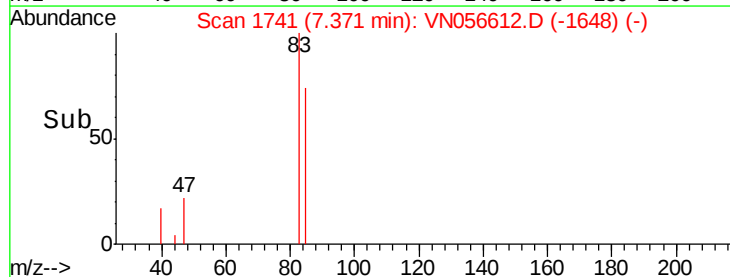
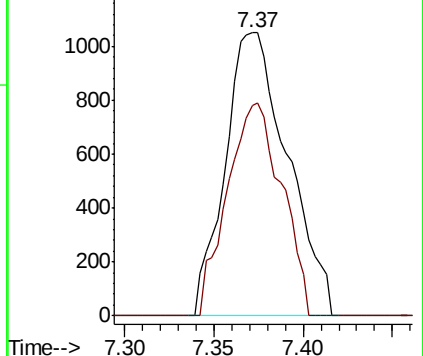
83 100

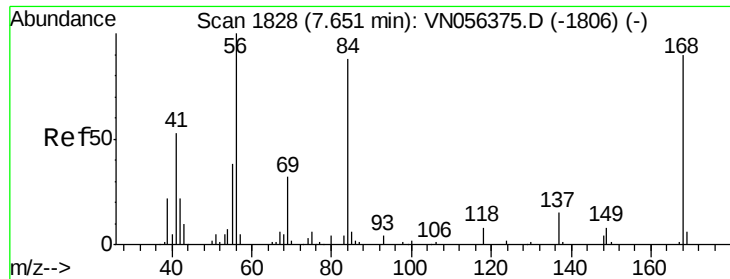
85 74.2 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

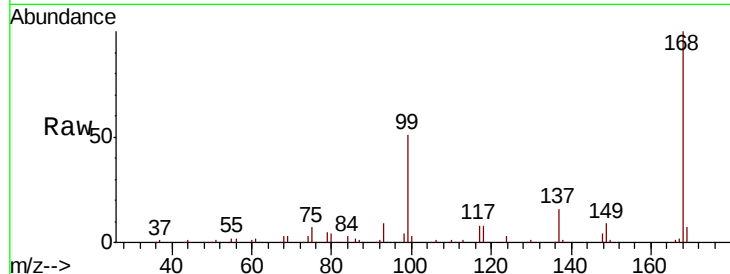




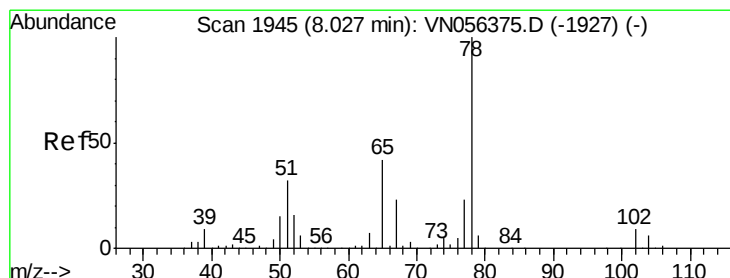
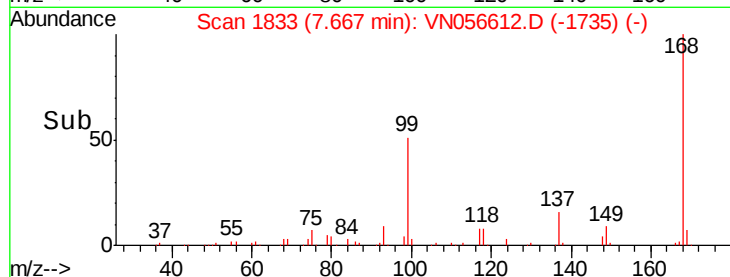
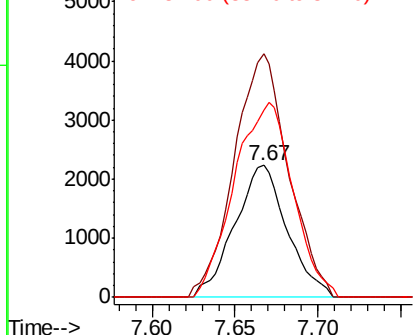
#31
Cyclohexane
Concen: 0.960 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN056612.D
Acq: 8 Jul 2019 16:18

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Tot Ion: 56 Resp: 4915
Ion Ratio Lower Upper
56 100
69 184.8 25.8 38.6#
84 142.3 69.4 104.0#

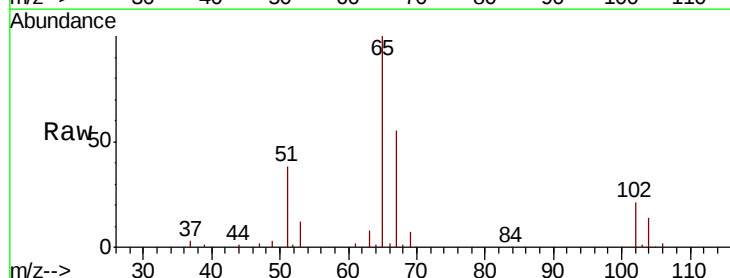


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

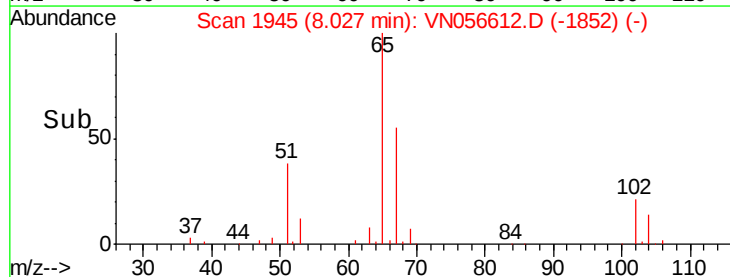
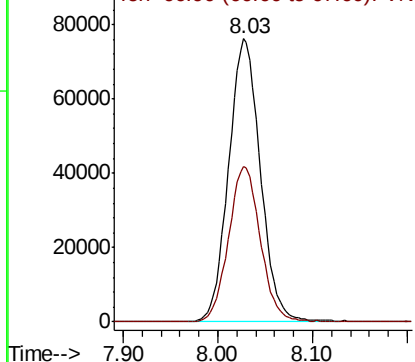


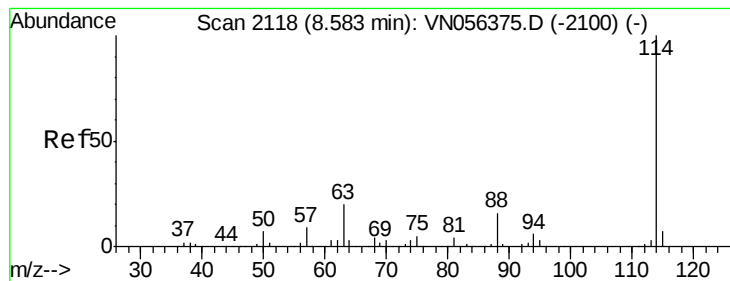
#33
1,2-Dichloroethane-d4
Concen: 53.715 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056612.D
Acq: 8 Jul 2019 16:18

Tgt Ion: 65 Resp: 178102
Ion Ratio Lower Upper
65 100
67 54.7 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: VN056612.D

Acq: 8 Jul 2019 16:18

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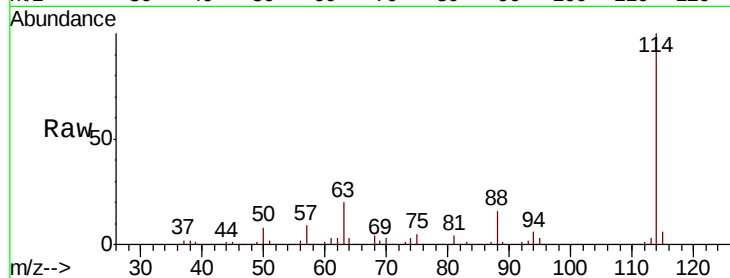
Tot Ion:114 Resp: 524538

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

88 15.5 0.0 31.4



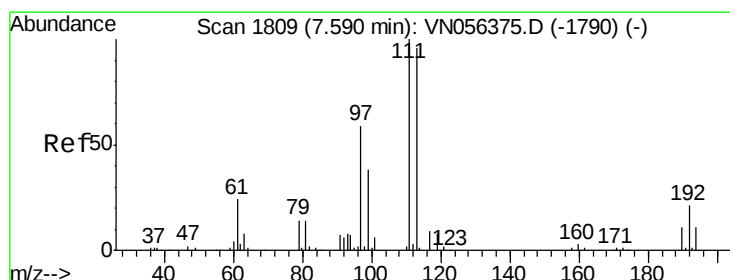
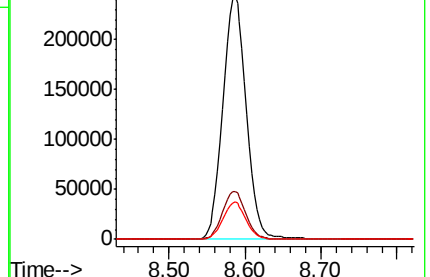
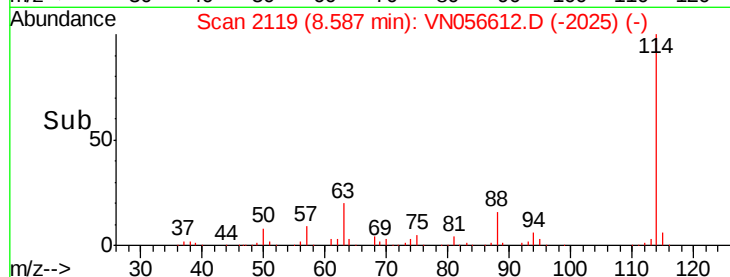
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN

8.59

Time-->



#35

Dibromofluoromethane

Concen: 47.627 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN056612.D

Acq: 8 Jul 2019 16:18

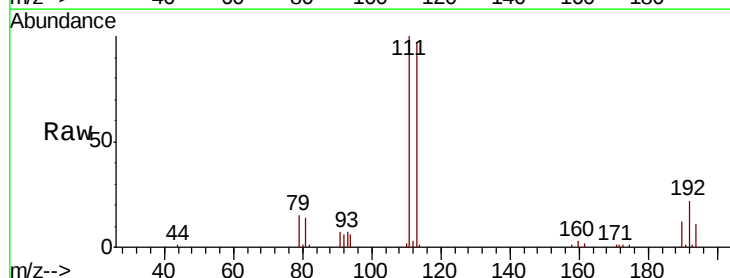
Tgt Ion:113 Resp: 155847

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

192 22.3 17.7 26.5



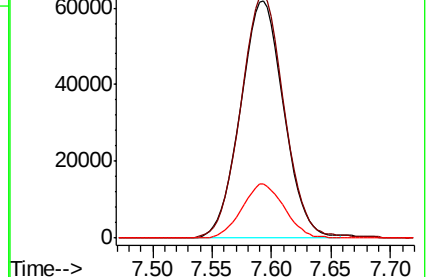
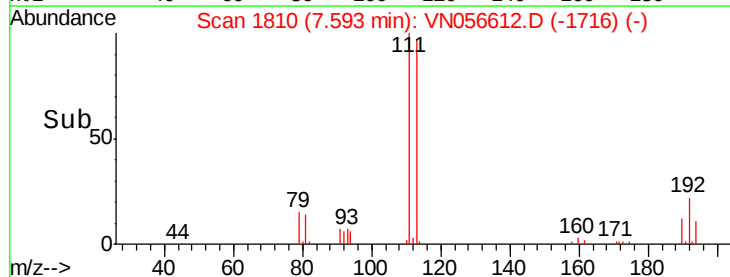
Abundance Ion 112.80 (112.50 to 113.50): V

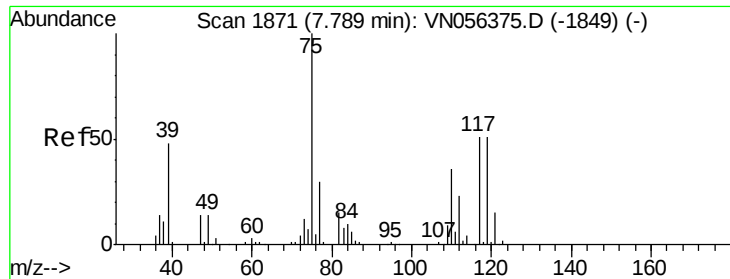
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.59

Time-->

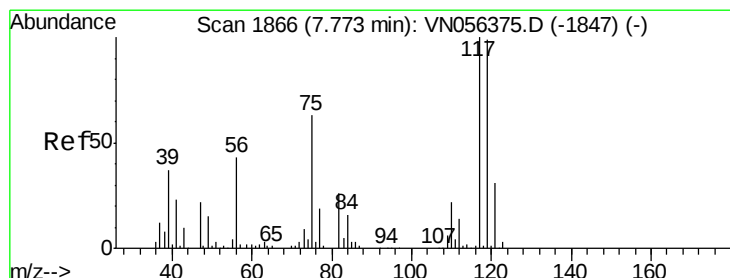
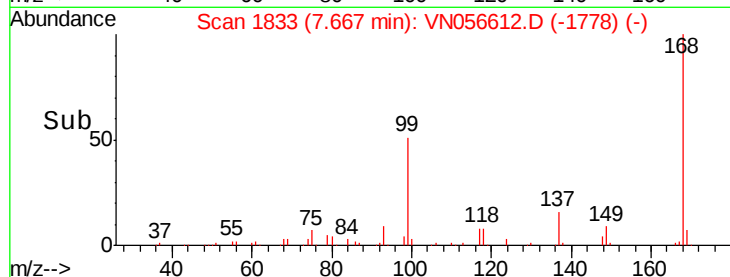
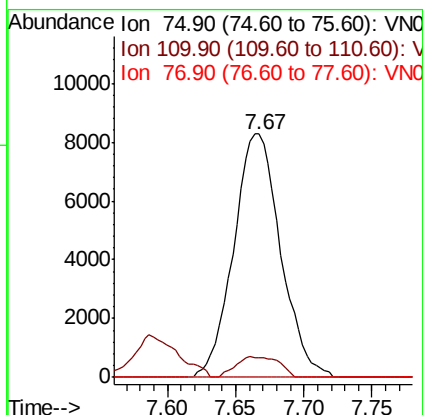
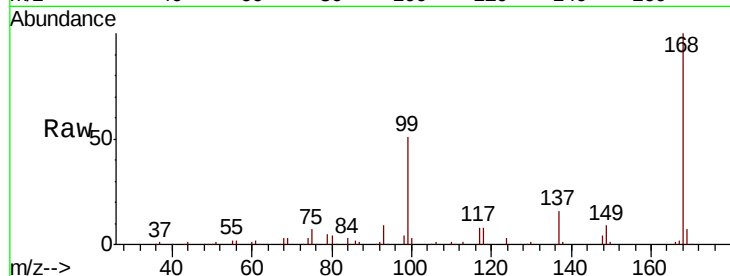




#36
 1,1-Dichloropropene
 Concen: 4.291 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN056612.D
 Acq: 8 Jul 2019 16:18

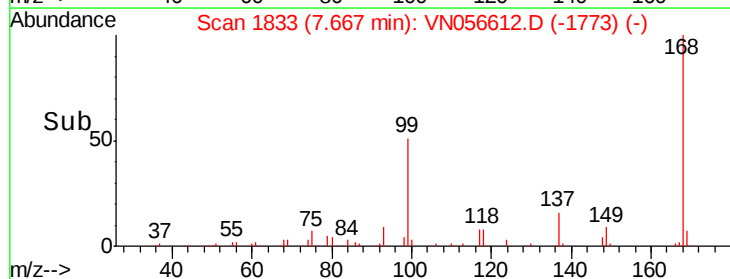
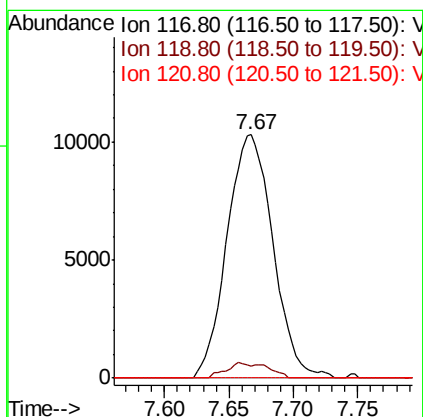
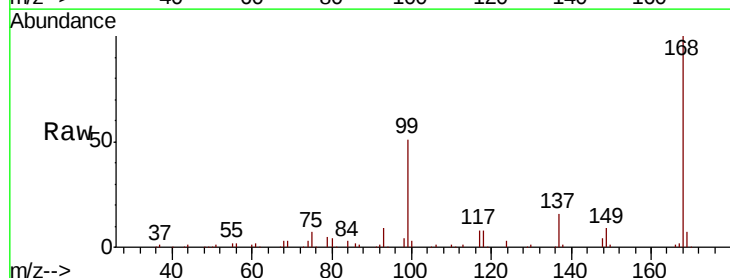
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-01-070319-D

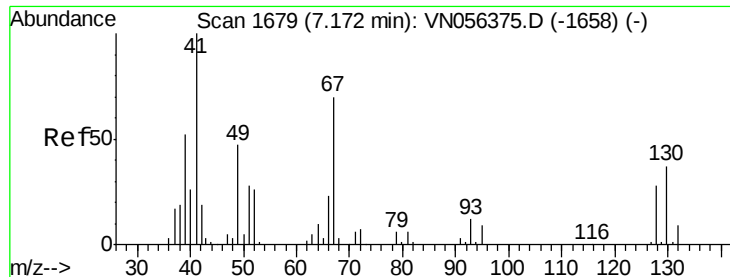
Tot Ion	75	Resp	19810
Ion Ratio	Lower	Upper	
75	100		
110	7.7	18.1	54.3#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.325 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN056612.D
 Acq: 8 Jul 2019 16:18

Tgt Ion	117	Resp	25537
Ion Ratio	Lower	Upper	
117	100		
119	5.0	79.1	118.7#
121	0.0	24.8	37.2#

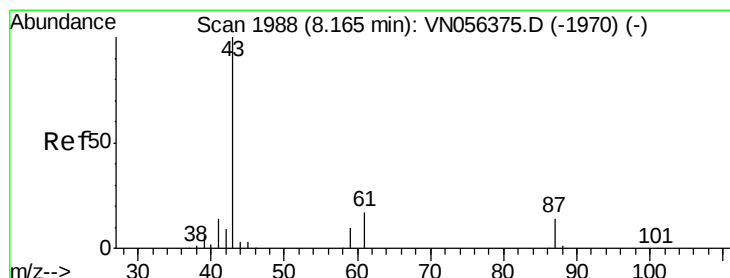
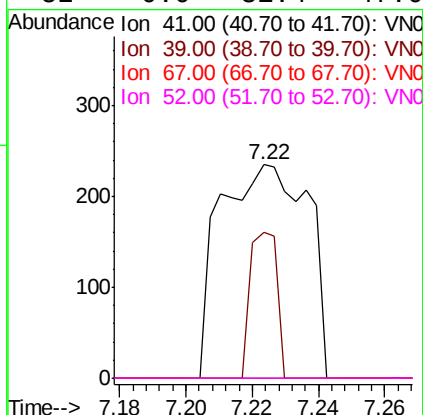
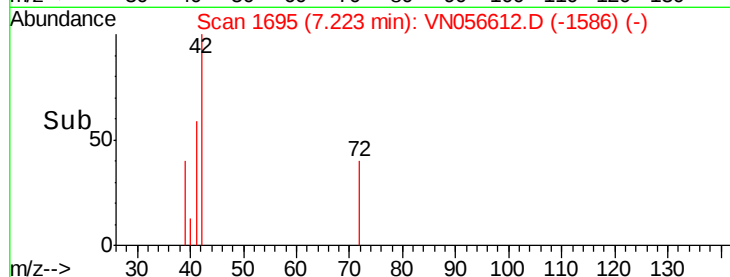
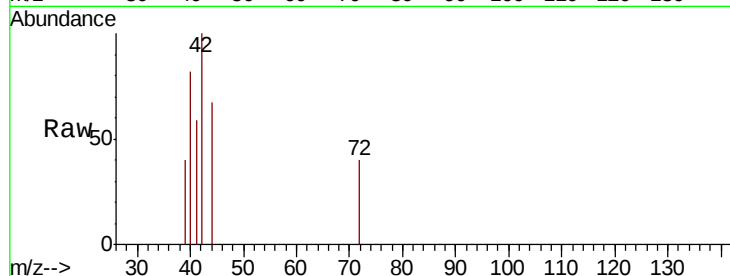




#41
Methacrylonitrile
Concen: 0.217 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.05 min
Lab File: VN056612.D
Acq: 8 Jul 2019 16:18

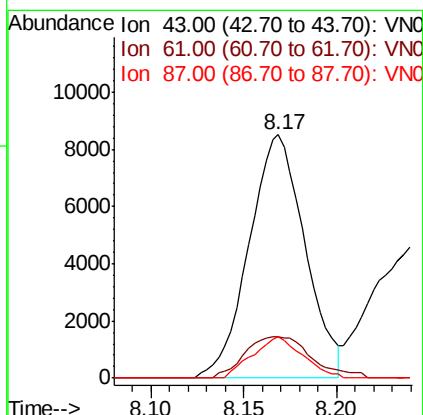
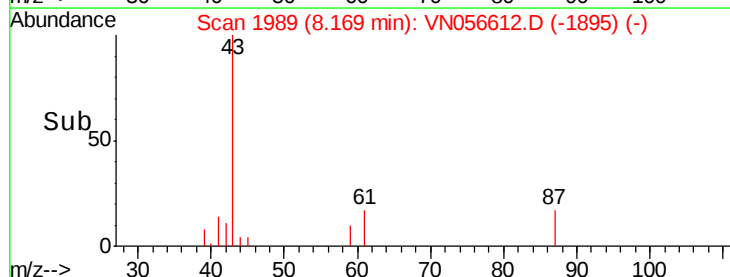
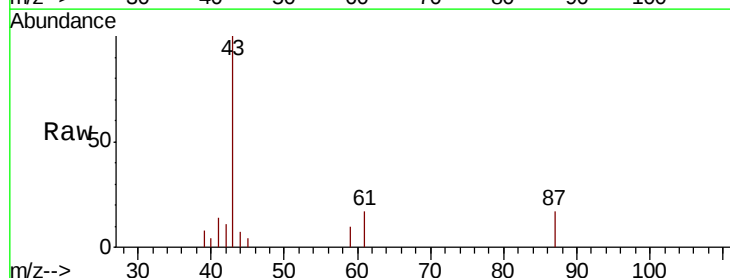
Instrument :
MSVOA_N
ClientSampleID :
PL-01-070319-D

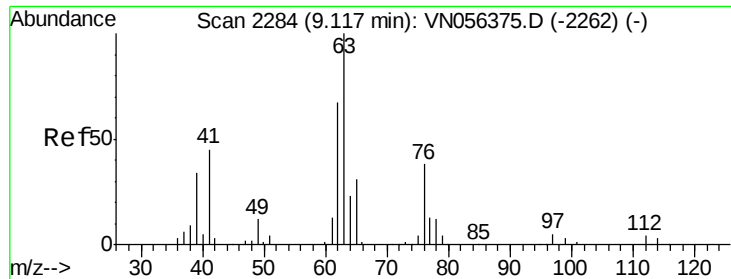
Tot Ion: 41 Resp: 435
Ion Ratio Lower Upper
41 100
39 20.7 55.3 82.9#
67 0.0 79.2 118.8#
52 0.0 31.4 47.0#



#43
Isopropyl Acetate
Concen: 2.551 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN056612.D
Acq: 8 Jul 2019 16:18

Tgt Ion: 43 Resp: 17847
Ion Ratio Lower Upper
43 100
61 20.3 22.0 33.0#
87 15.3 11.0 16.4

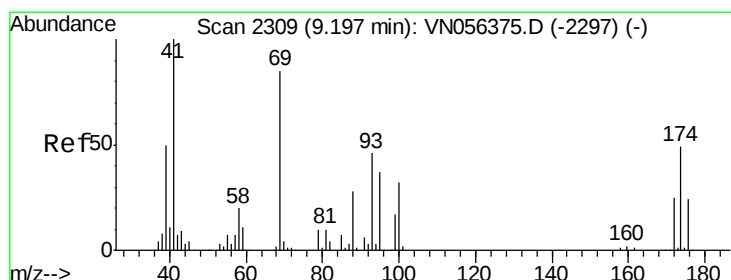
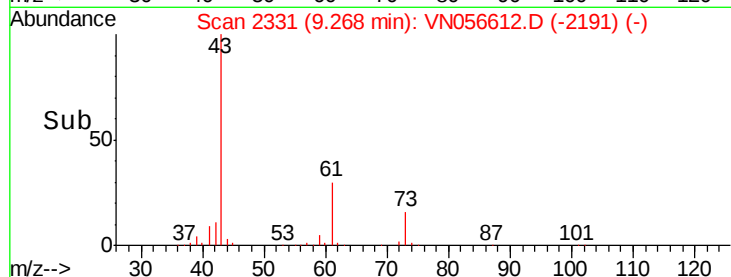
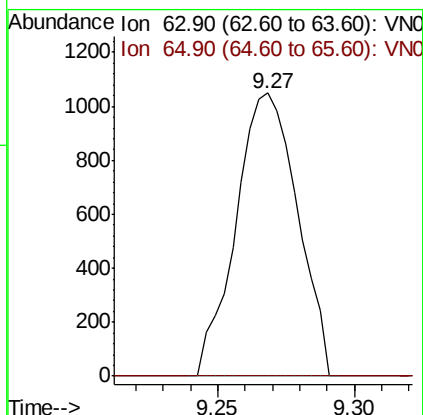
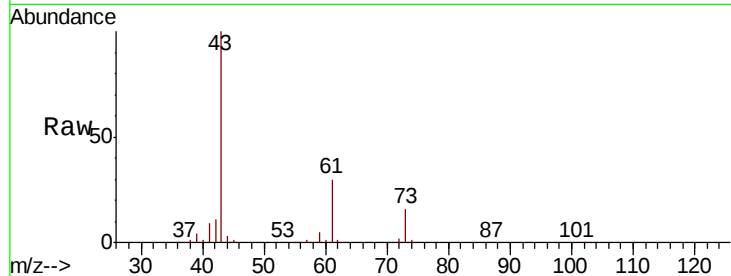




#45
 1,2-Dichloropropane
 Concen: 0.433 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN056612.D
 Acq: 8 Jul 2019 16:18

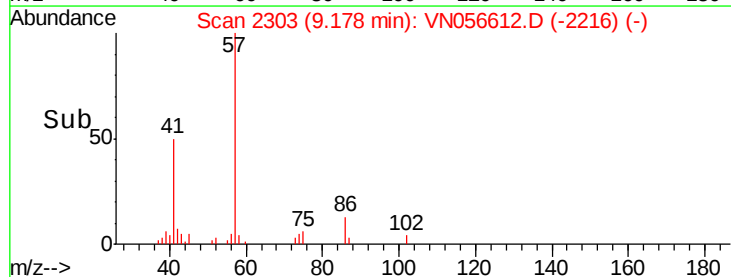
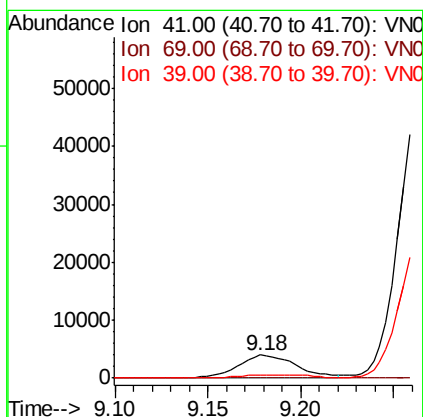
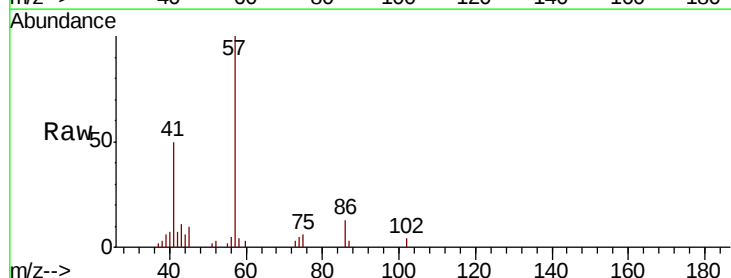
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-01-070319-D

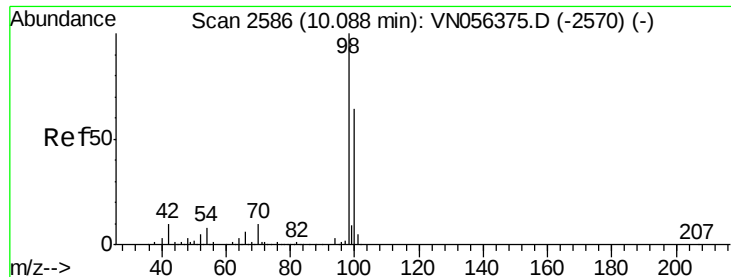
Tot Ion: 63 Resp: 1644
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.6#



#48
 Methyl methacrylate
 Concen: 2.460 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN056612.D
 Acq: 8 Jul 2019 16:18

Tgt Ion: 41 Resp: 8626
 Ion Ratio Lower Upper
 41 100
 69 0.0 72.6 109.0#
 39 0.0 42.6 63.8#





#50

Toluene-d8

Concen: 51.951 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056612.D

Acq: 8 Jul 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

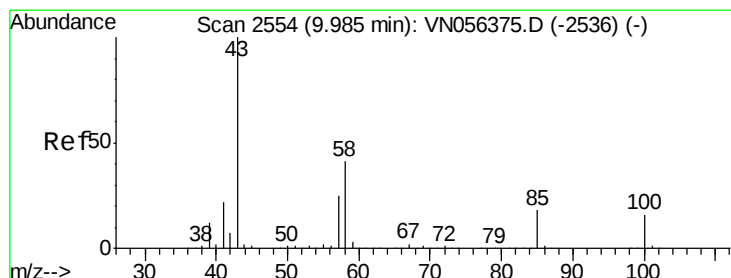
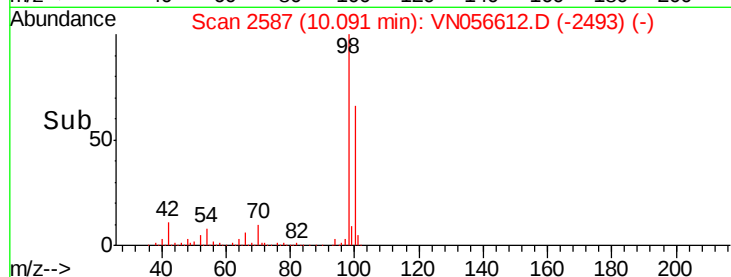
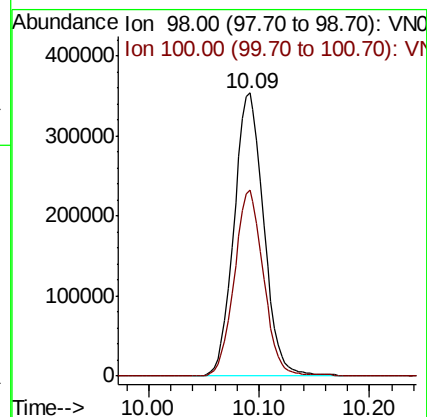
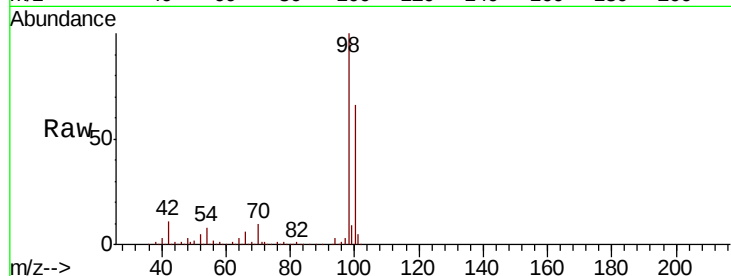
PL-01-070319-D

Tot Ion: 98 Resp: 661471

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 0.866 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056612.D

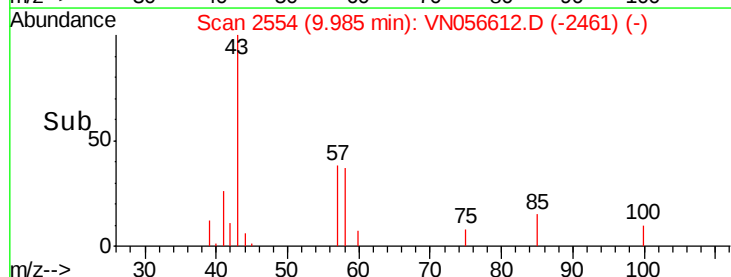
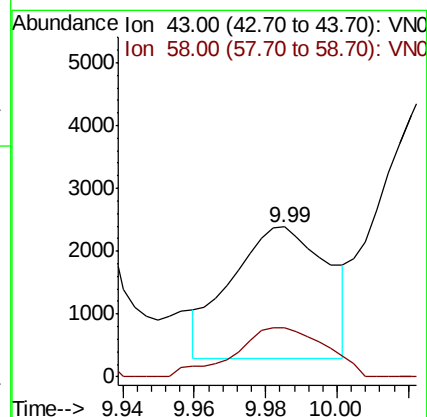
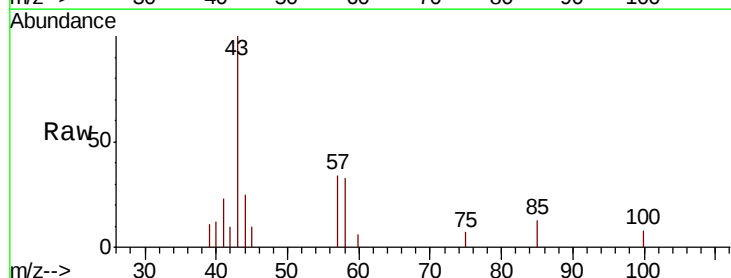
Acq: 8 Jul 2019 16:18

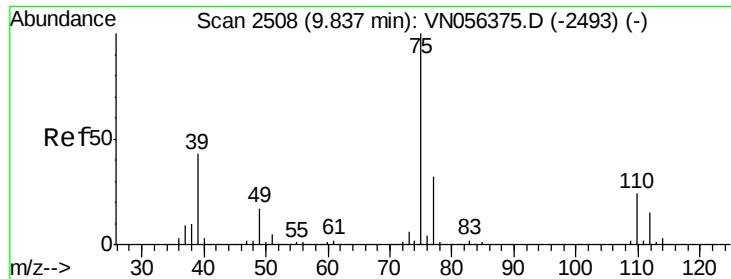
Tgt Ion: 43 Resp: 3910

Ion Ratio Lower Upper

43 100

58 35.4 31.8 47.8

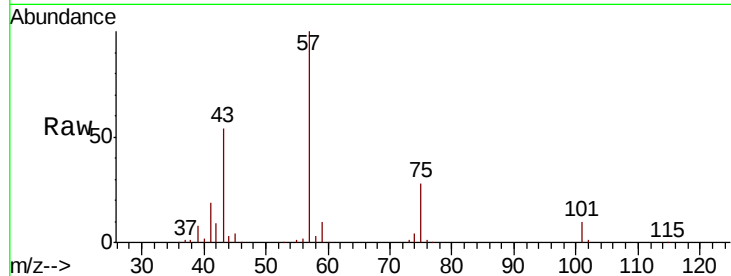




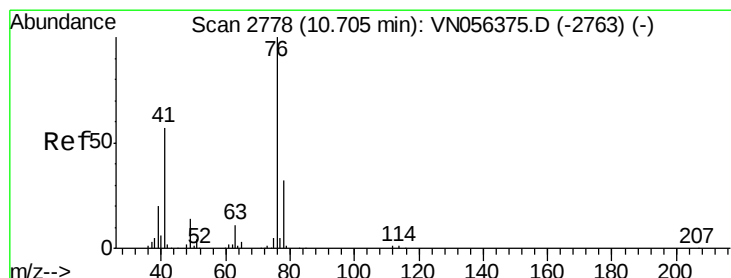
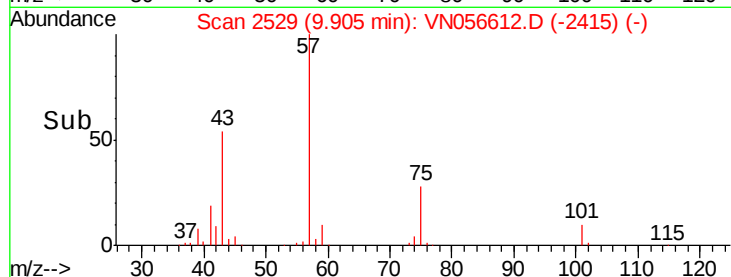
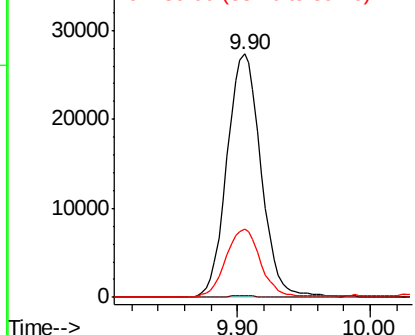
#54
 cis-1,3-Dichloropropene
 Concen: 9.591 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN056612.D
 Acq: 8 Jul 2019 16:18

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-01-070319-D

Tot Ion: 75 Resp: 48672
 Ion Ratio Lower Upper
 75 100
 77 0.9 25.2 37.8#
 39 27.8 34.2 51.4#

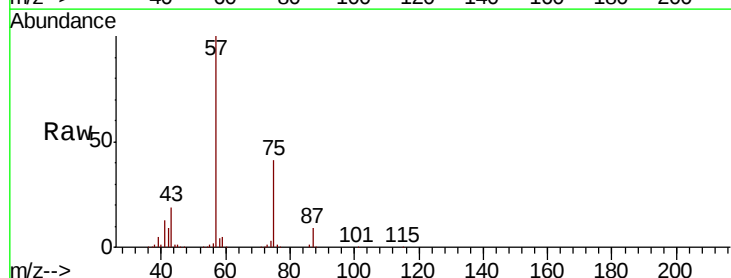


Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 76.90 (76.60 to 77.60): VNO
 Ion 39.00 (38.70 to 39.70): VNO

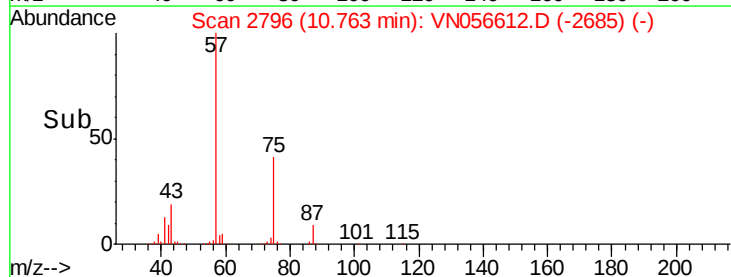
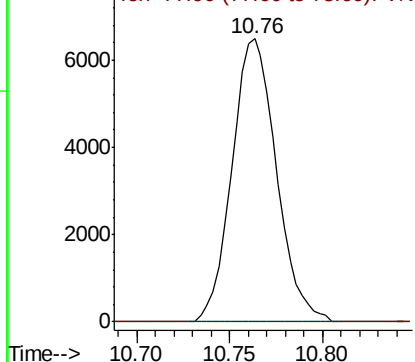


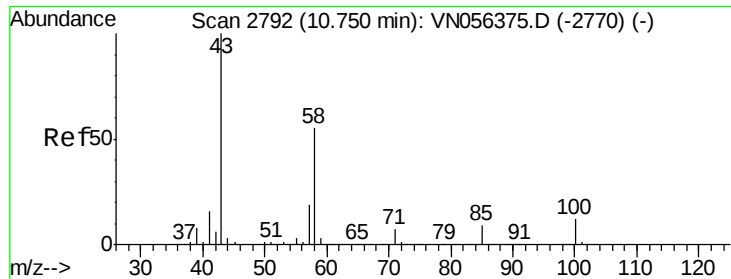
#57
 1,3-Dichloropropane
 Concen: 1.841 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056612.D
 Acq: 8 Jul 2019 16:18

Tgt Ion: 76 Resp: 10792
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#



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

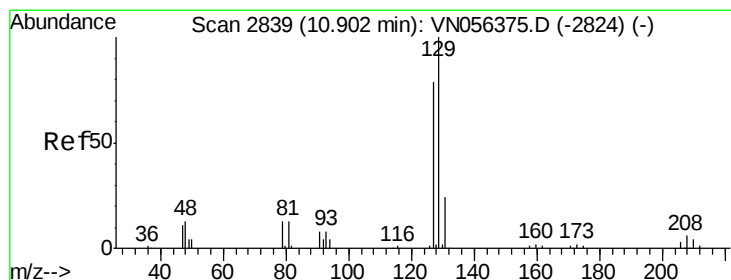
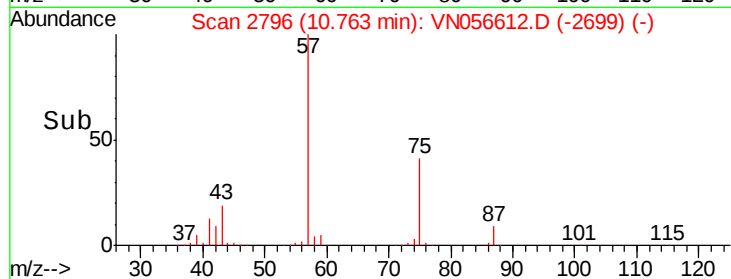
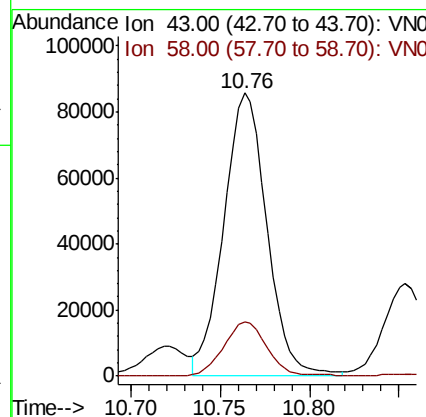
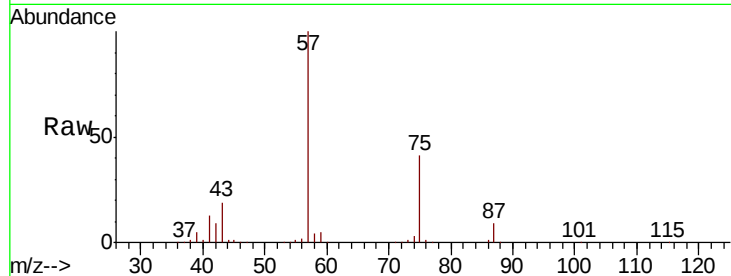




#59
2-Hexanone
Concen: 42.829 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056612.D
Acq: 8 Jul 2019 16:18

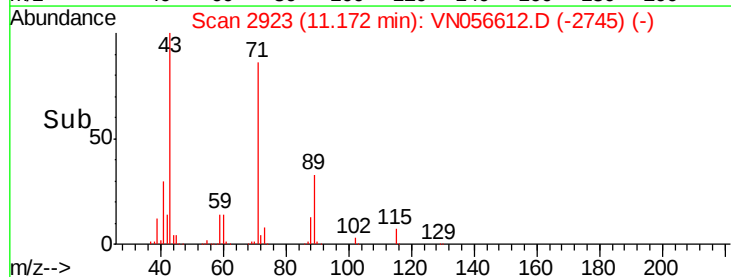
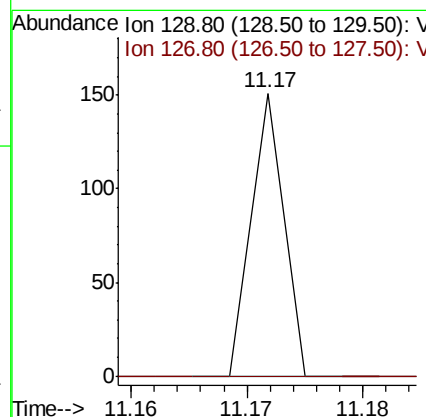
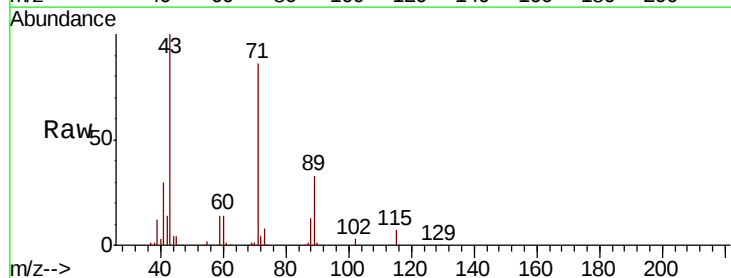
Instrument :
MSVOA_N
ClientSampleId :
PL-01-070319-D

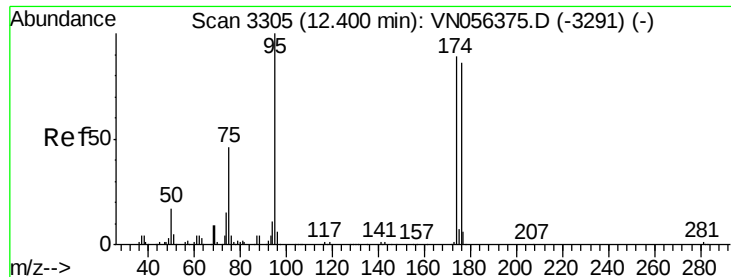
Tot Ion: 43 Resp: 142143
Ion Ratio Lower Upper
43 100
58 19.6 27.8 83.4#



#60
Dibromochloromethane
Concen: 2.390 ug/l
RT: 11.17 min Scan# 2923
Delta R.T. 0.27 min
Lab File: VN056612.D
Acq: 8 Jul 2019 16:18

Tgt Ion: 129 Resp: 29
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#





#62

4-Bromofluorobenzene

Concen: 58.365 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056612.D

Acq: 8 Jul 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

PL-01-070319-D

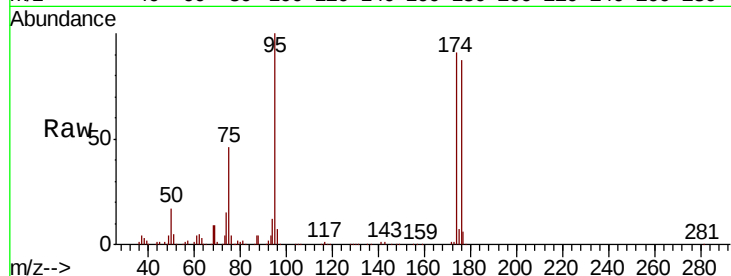
Tot Ion: 95 Resp: 247731

Ion Ratio Lower Upper

95 100

174 90.0 0.0 179.4

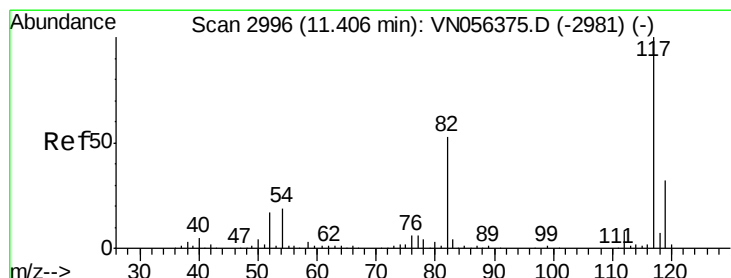
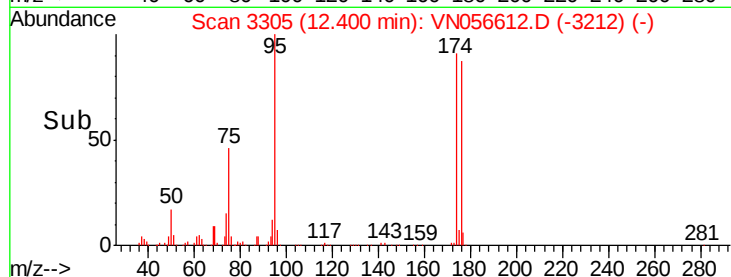
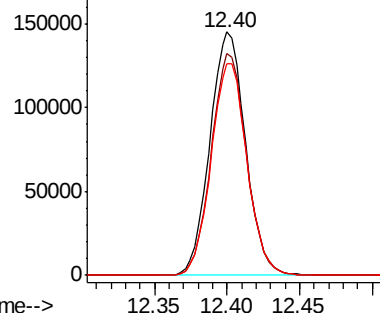
176 87.7 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN056612.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN056612.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN056612.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056612.D

Acq: 8 Jul 2019 16:18

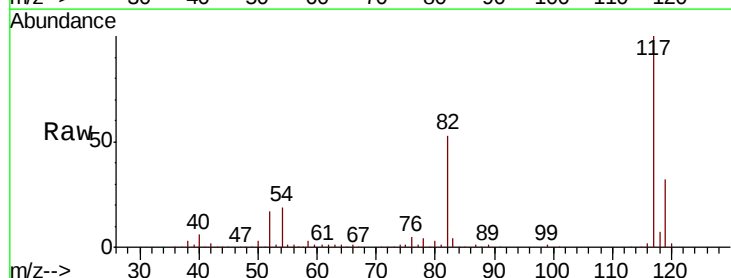
Tgt Ion: 117 Resp: 549312

Ion Ratio Lower Upper

117 100

82 53.4 42.0 63.0

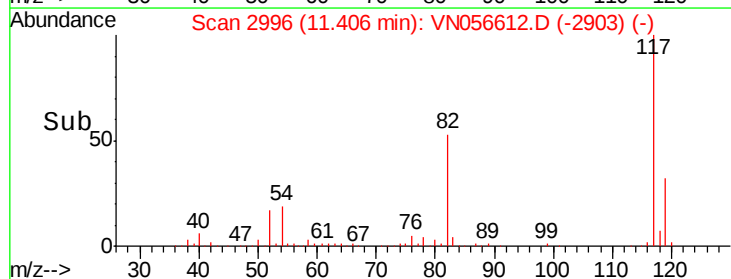
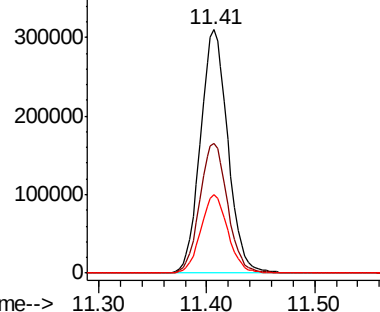
119 32.2 25.3 37.9

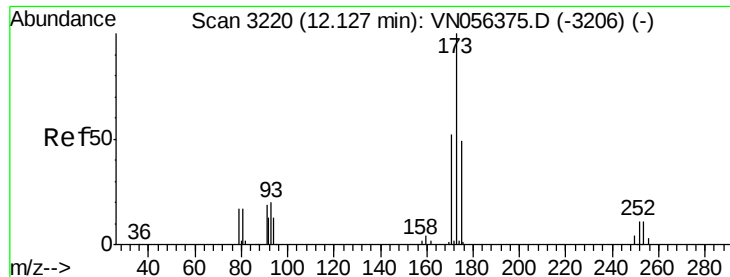


Abundance Ion 116.90 (116.60 to 117.60): VN056612.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN056612.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN056612.D (-2903) (-)





#71

Bromoform

Concen: 3.781 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN056612.D

Acq: 8 Jul 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

PL-01-070319-D

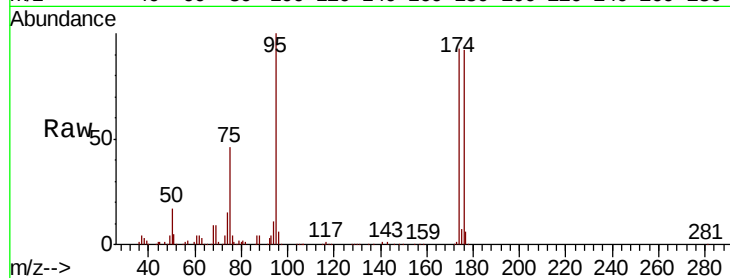
Tot Ion:173 Resp: 2051

Ion Ratio Lower Upper

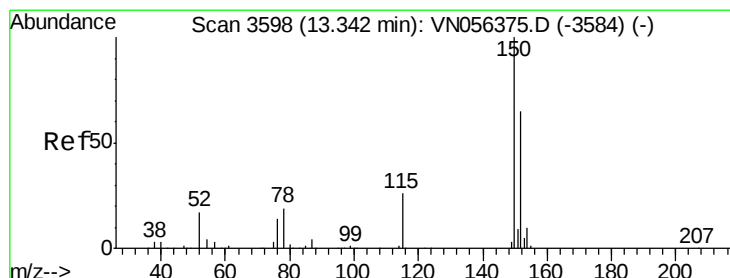
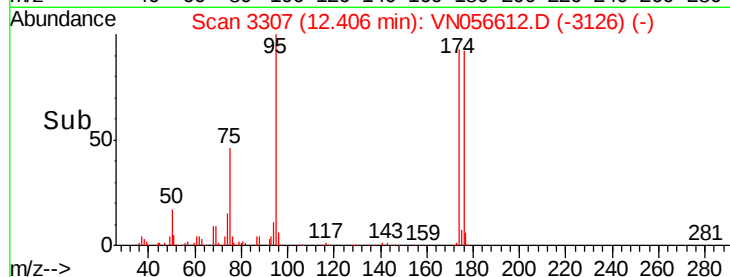
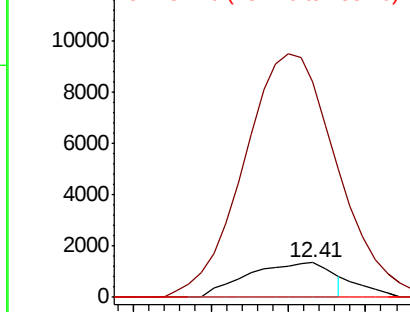
173 100

175 689.2 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: VN056612.D

Acq: 8 Jul 2019 16:18

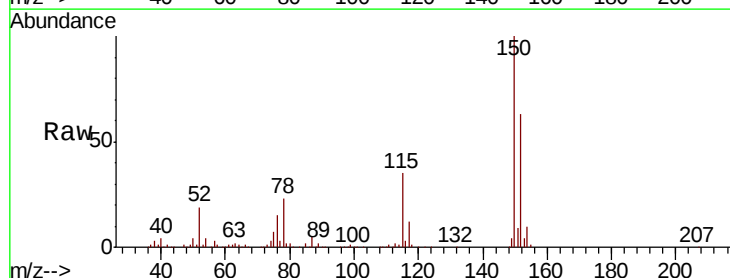
Tgt Ion:152 Resp: 228177

Ion Ratio Lower Upper

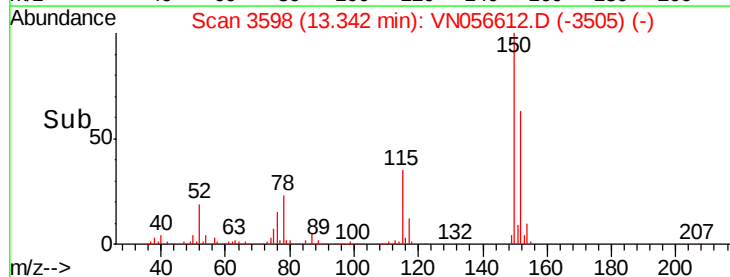
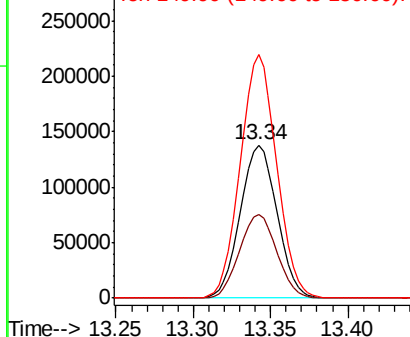
152 100

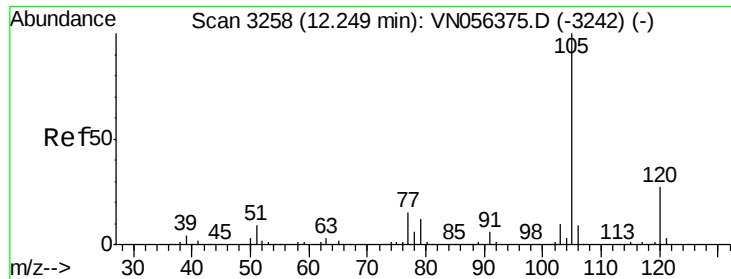
115 55.7 28.1 84.4

150 157.8 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: VN056612.D

Acq: 8 Jul 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

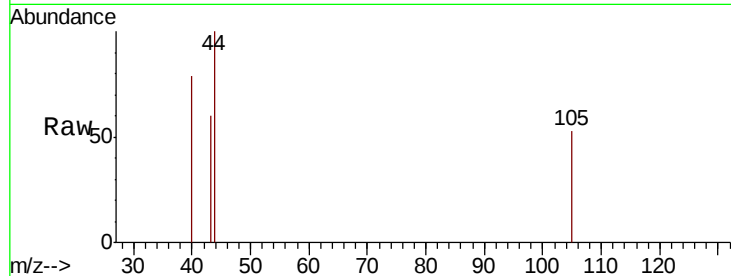
PL-01-070319-D

Tot Ion: 105 Resp: 104

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

12.25

200

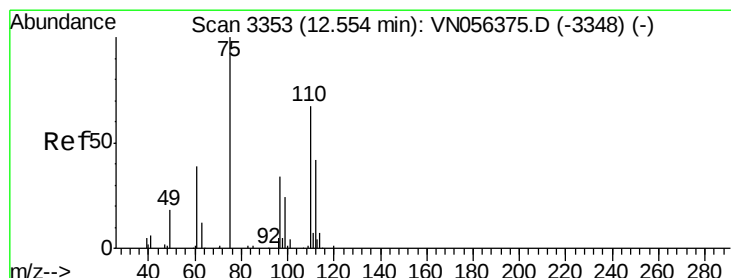
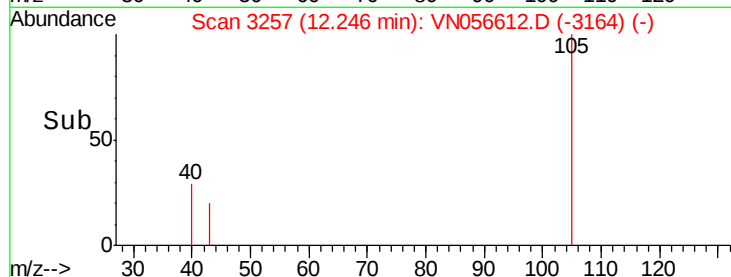
150

100

50

0

Time--> 12.23 12.24 12.25 12.26



#76

1,2,3-Trichloropropane

Concen: 24.470 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056612.D

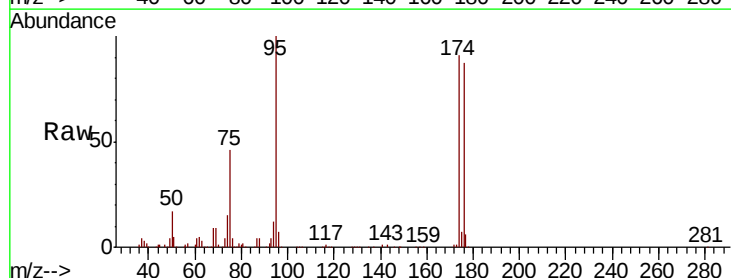
Acq: 8 Jul 2019 16:18

Tgt Ion: 75 Resp: 115774

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

12.40

80000

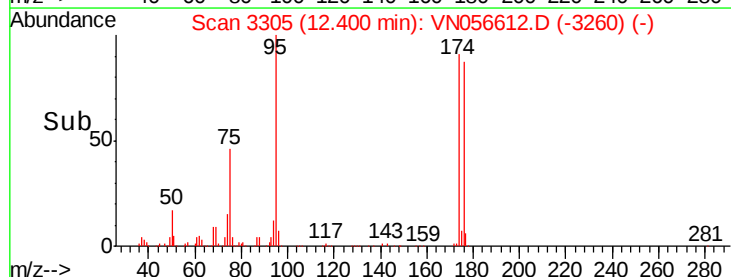
60000

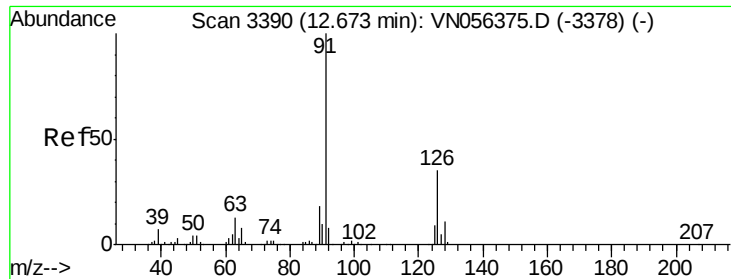
40000

20000

0

Time--> 12.30 12.40 12.50





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.73 min Scan# 3407

Delta R.T. 0.05 min

Lab File: VN056612.D

Acq: 8 Jul 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

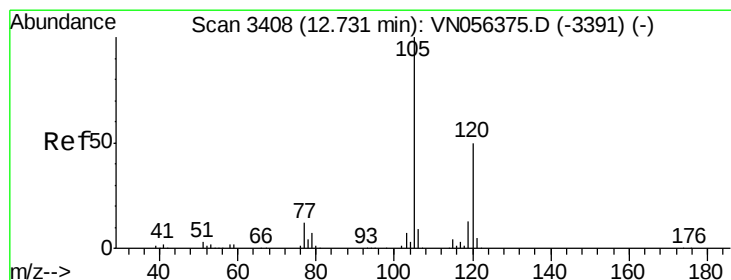
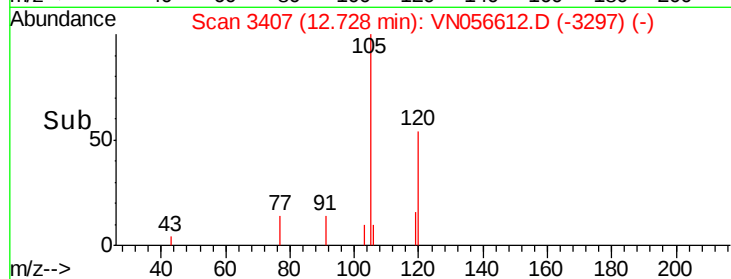
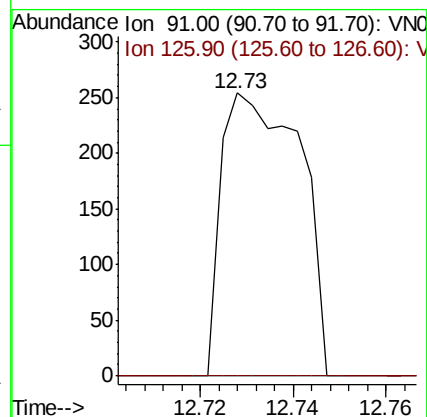
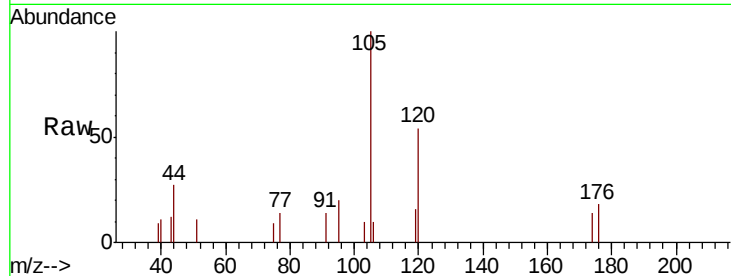
PL-01-070319-D

Tot Ion: 91 Resp: 300

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: VN056612.D

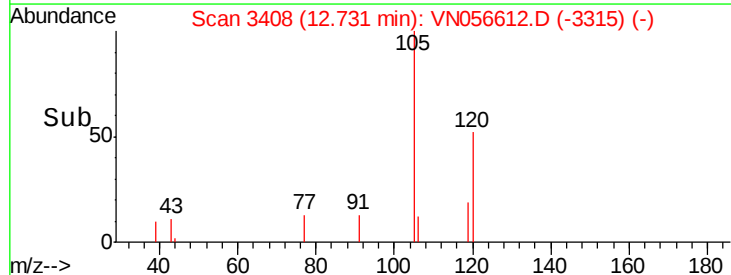
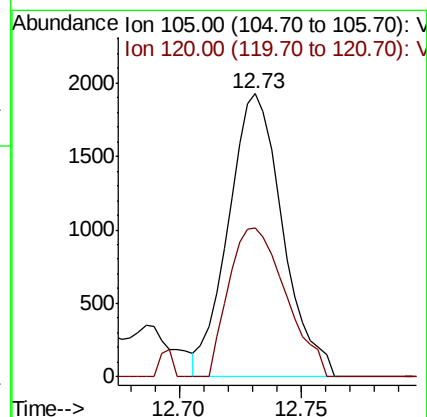
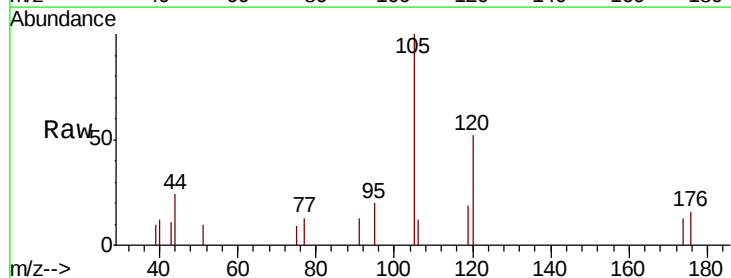
Acq: 8 Jul 2019 16:18

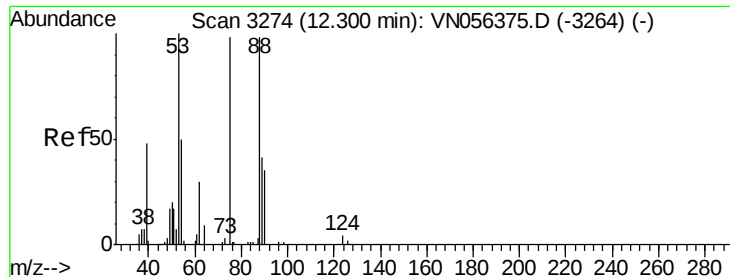
Tgt Ion: 105 Resp: 2974

Ion Ratio Lower Upper

105 100

120 55.3 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 86.969 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056612.D

Acq: 8 Jul 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

PL-01-070319-D

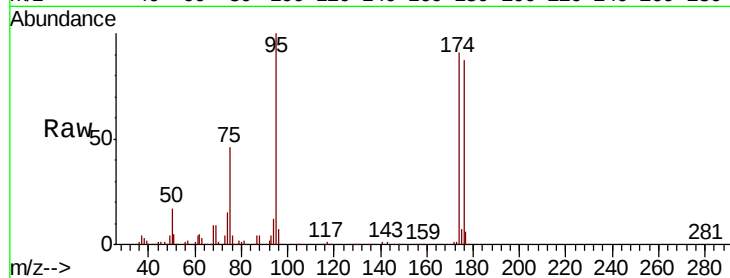
Tot Ion: 75 Resp: 115774

Ion Ratio Lower Upper

75 100

53 0.0 83.9 125.9#

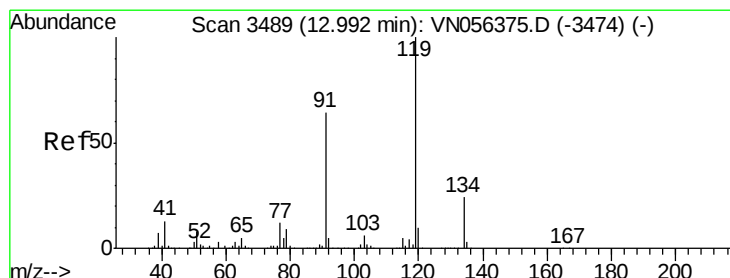
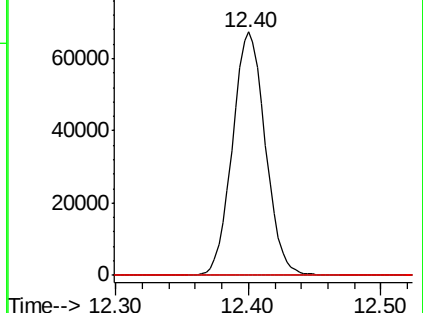
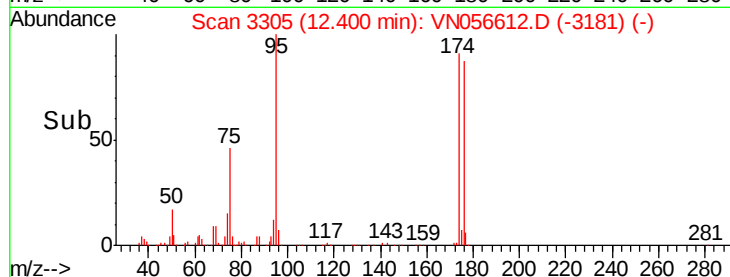
89 0.0 35.0 52.6#



Abundance Ion 74.90 (74.60 to 75.60): VN056612.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN056612.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN056612.D (-3181) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.03 min Scan# 3502

Delta R.T. 0.04 min

Lab File: VN056612.D

Acq: 8 Jul 2019 16:18

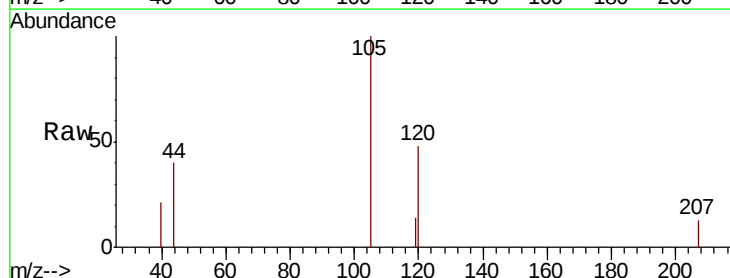
Tgt Ion: 119 Resp: 101

Ion Ratio Lower Upper

119 100

91 0.0 31.6 94.7#

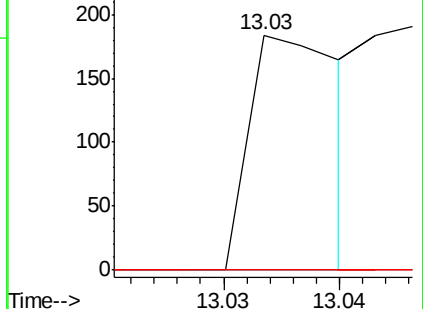
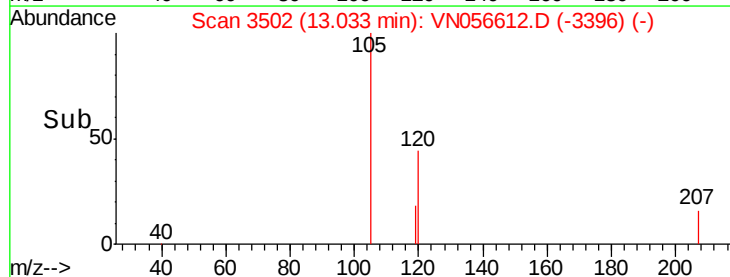
134 0.0 13.2 39.5#

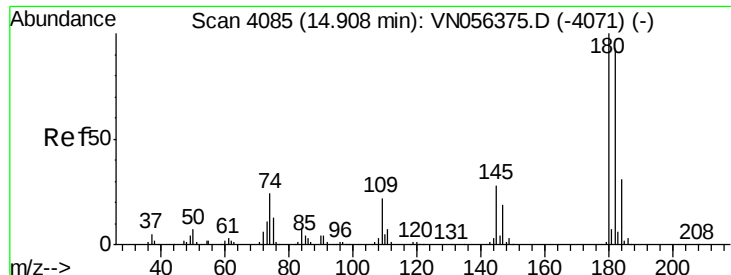


Abundance Ion 119.00 (118.70 to 119.70): VN056612.D (-3396) (-)

Ion 91.00 (90.70 to 91.70): VN056612.D (-3396) (-)

Ion 134.00 (133.70 to 134.70): VN056612.D (-3396) (-)

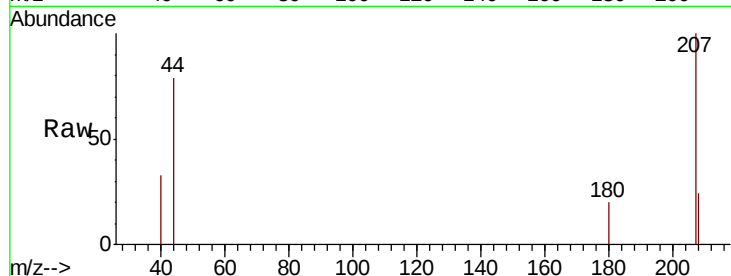




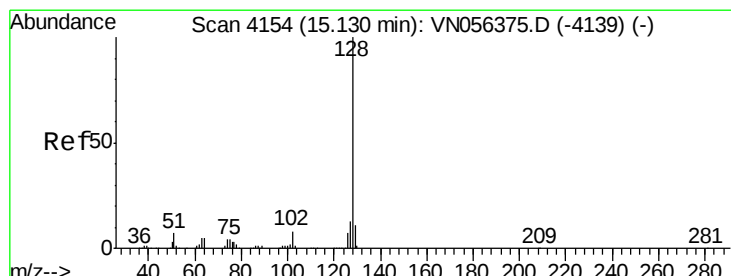
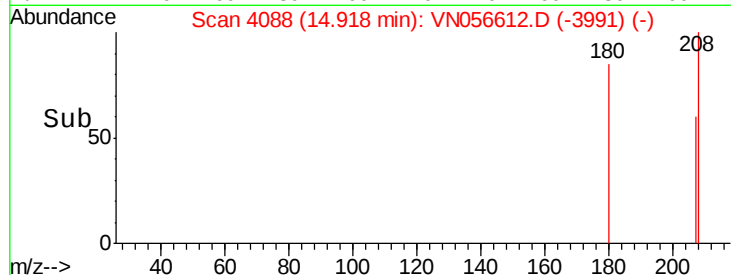
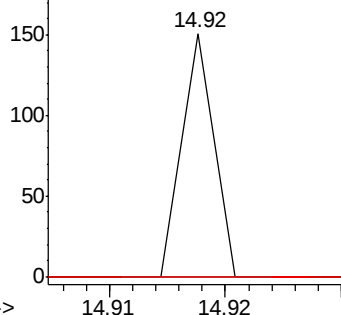
#93
 1,2,4-Trichlorobenzene
 Concen: 5.621 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.01 min
 Lab File: VN056612.D
 Acq: 8 Jul 2019 16:18

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-01-070319-D

Tot Ion:180 Resp: 29
 Ion Ratio Lower Upper
 180 100
 182 0.0 46.9 140.6#
 145 0.0 14.4 43.0#

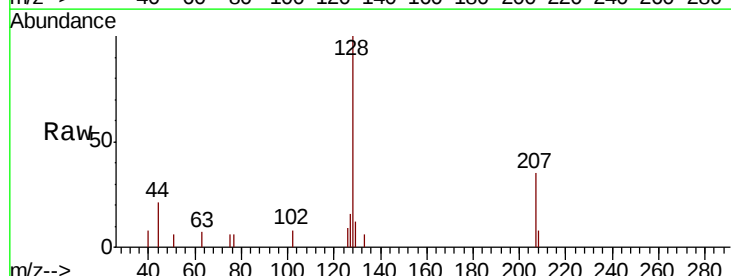


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 5.707 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN056612.D
 Acq: 8 Jul 2019 16:18

Tgt Ion:128 Resp: 5389
 Ion Ratio Lower Upper
 128 100
 127 10.5 10.2 15.2
 129 8.9 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

