

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050619\
 Data File : VN055419.D
 Acq On : 6 May 2019 16:39
 Operator : JC/SP
 Sample : K2635-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-05-050219-D

Quant Time: May 07 01:10:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	465142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	725434	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	579570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	155706	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	295049	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	7.59	113	231038	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
50) Toluene-d8	10.09	98	852039	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	12.40	95	236961	44.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.20%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.79	59	300	0.861	ug/l #	73
14) Allyl chloride	4.55	41	7040	0.740	ug/l #	28
16) Acetone	3.83	43	17314	9.132	ug/l	97
18) Methyl Acetate	4.34	43	4062	Below Cal	#	82
20) Methylene Chloride	4.55	84	143802	24.848	ug/l	99
25) 2-Butanone	6.86	43	996	0.411	ug/l #	53
29) Tetrahydrofuran	7.22	42	1221	0.786	ug/l #	85
31) Cyclohexane	7.67	56	10668	1.115	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	36630	5.272	ug/l #	50
38) Carbon Tetrachloride	7.66	117	44054	6.572	ug/l #	15
41) Methacrylonitrile	7.20	41	231	0.819	ug/l #	1
43) Isopropyl Acetate	8.17	43	14621	1.708	ug/l #	78
45) 1,2-Dichloropropane	9.27	63	1460	0.247	ug/l #	45
48) Methyl methacrylate	9.18	41	7867	1.870	ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	4488	0.931	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	48714	6.497	ug/l #	65
57) 1,3-Dichloropropane	10.76	76	8511	1.112	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.90	63	292	12.571	ug/l #	52
59) 2-Hexanone	10.77	43	138935	46.084	ug/l #	55
71) Bromoform	12.40	173	1021	0.415	ug/l #	1
73) Isopropylbenzene	12.24	105	681	Below Cal	#	49
74) N-amyl acetate	12.04	43	1128	0.282	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.56	83	33	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	126004	43.194	ug/l #	100
79) 2-Chlorotoluene	12.67	91	475	Below Cal	#	42
80) 1,3,5-Trimethylbenzene	12.73	105	3769	0.309	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	126004	153.357	ug/l #	7
83) tert-Butylbenzene	12.99	119	263	Below Cal	#	25
84) 1,2,4-Trimethylbenzene	13.04	105	3713	0.340	ug/l	95
90) Hexachloroethane	13.88	117	227	Below Cal	#	7
93) 1,2,4-Trichlorobenzene	14.91	180	60	3.338	ug/l #	9
94) Hexachlorobutadiene	15.00	225	134	Below Cal	#	20
95) Naphthalene	15.14	128	1967	3.753	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.32	180	230	2.721	ug/l #	60

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
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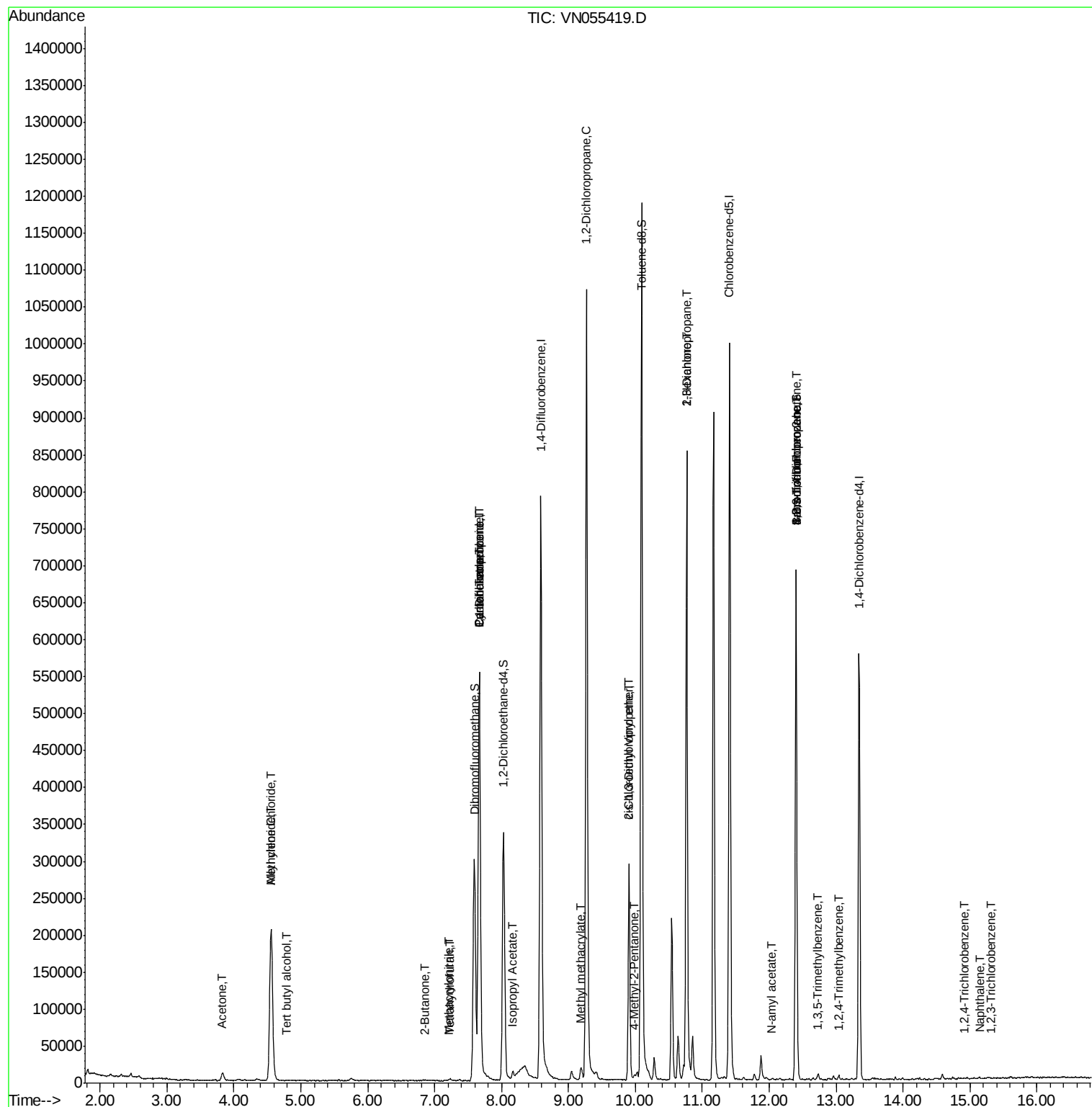
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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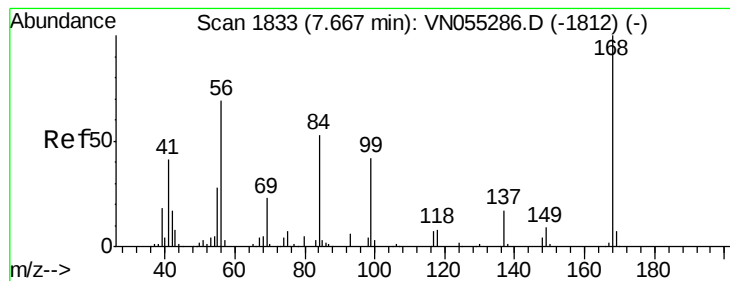
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN055419.D

Acq: 6 May 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

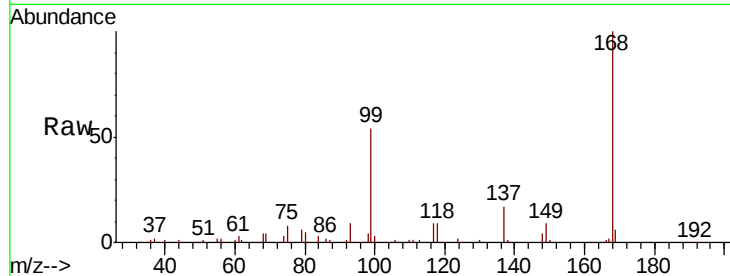
AU-05-050219-D

Tot Ion:168 Resp: 465142

Ion Ratio Lower Upper

168 100

99 54.0 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055419.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055419.D (-1740) (-)

7.67

200000

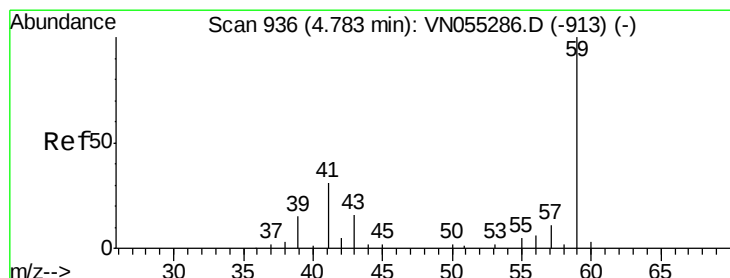
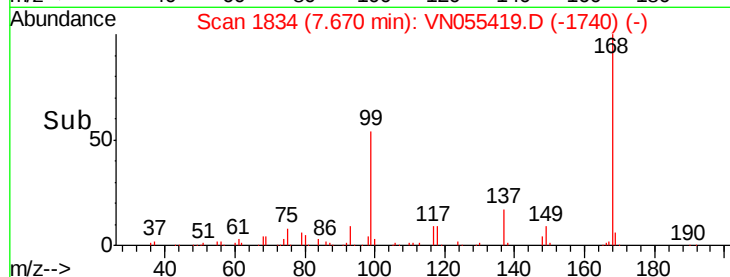
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.861 ug/l

RT: 4.79 min Scan# 938

Delta R.T. 0.01 min

Lab File: VN055419.D

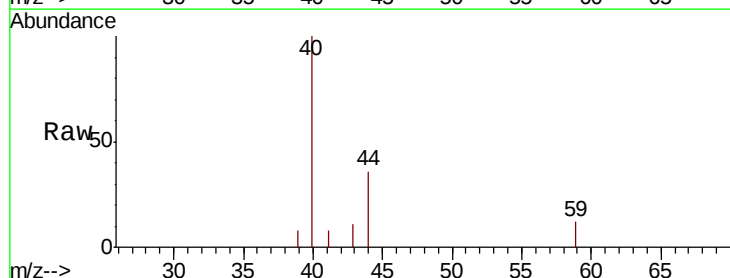
Acq: 6 May 2019 16:39

Tgt Ion: 59 Resp: 300

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN055419.D (-843) (-)

Ion 57.00 (56.70 to 57.70): VN055419.D (-843) (-)

4.79

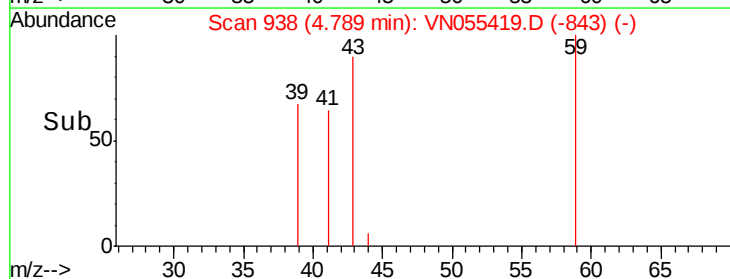
300

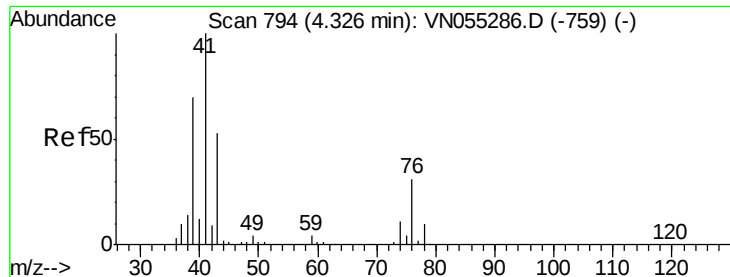
200

100

0

Time-->





#14

Allvl chloride

Concen: 0.740 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN055419.D

Acq: 6 May 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-D

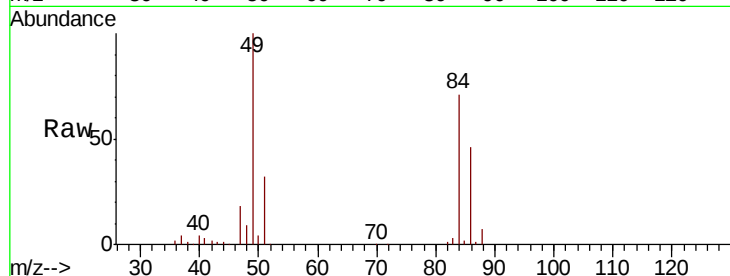
Tot Ion: 41 Resp: 7040

Ion Ratio Lower Upper

41 100

39 2.6 53.0 79.6#

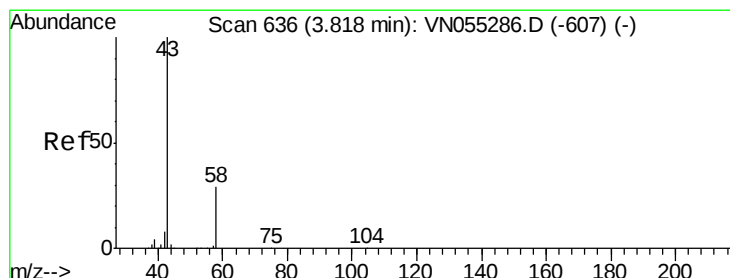
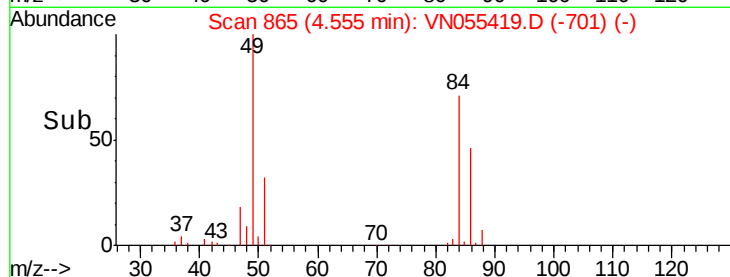
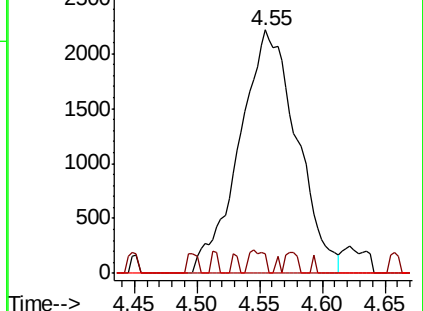
76 0.0 22.7 34.1#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



#16

Acetone

Concen: 9.132 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055419.D

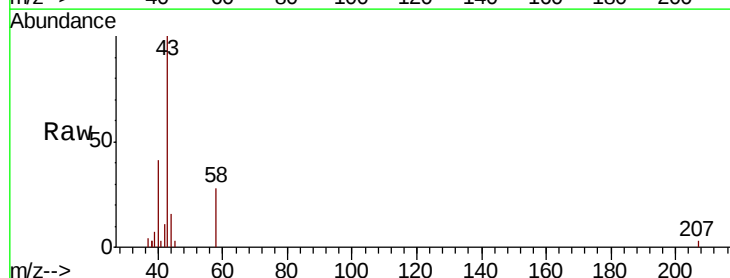
Acq: 6 May 2019 16:39

Tgt Ion: 43 Resp: 17314

Ion Ratio Lower Upper

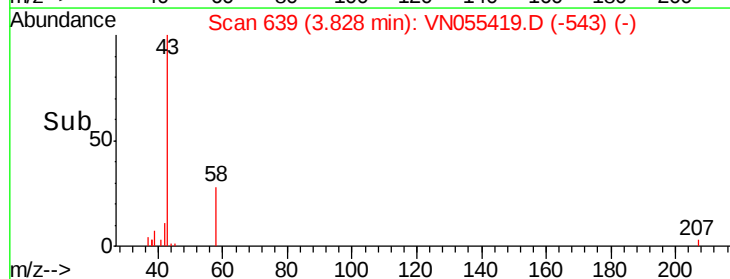
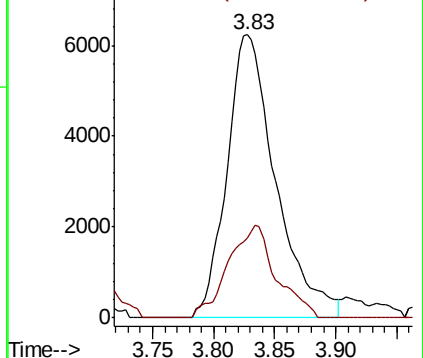
43 100

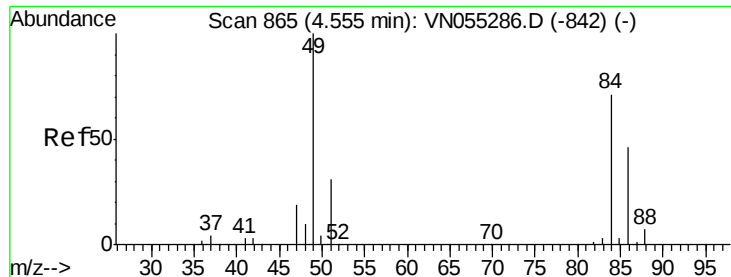
58 28.0 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

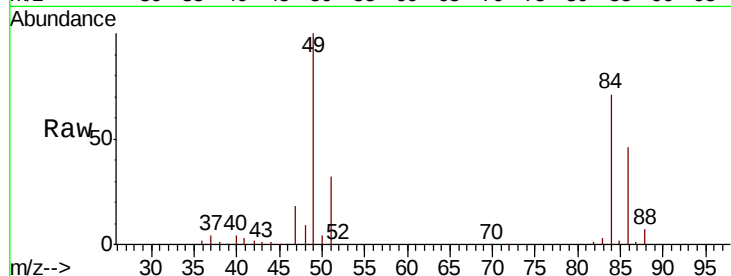




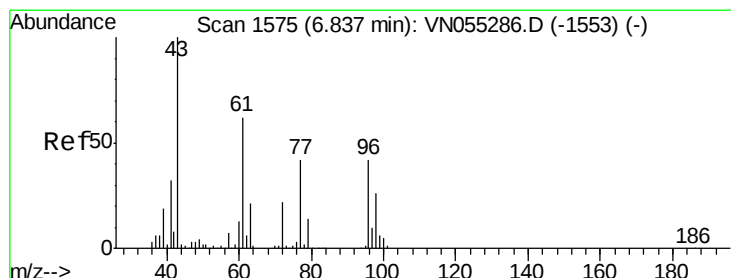
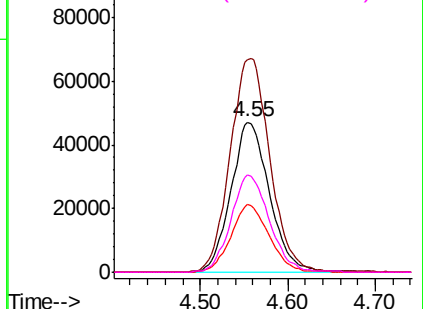
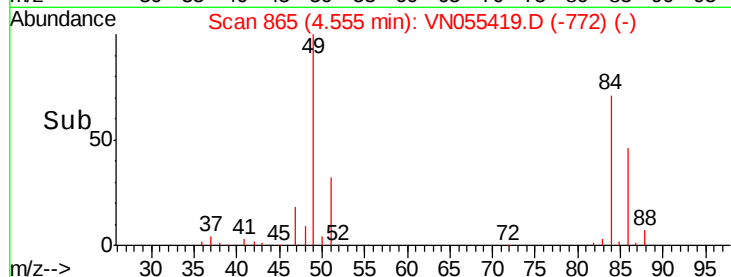
#20
Methvlene Chloride
Concen: 24.848 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055419.D
Acq: 6 May 2019 16:39

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AU-05-050219-D

Tot Ion: 84 Resp: 143802
Ion Ratio Lower Upper
84 100
49 141.8 112.4 168.6
51 44.9 34.6 51.8
86 65.3 51.9 77.9

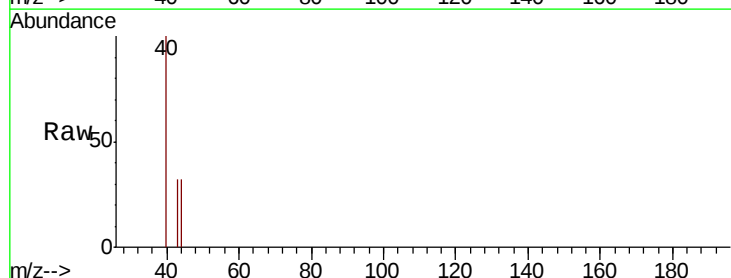


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

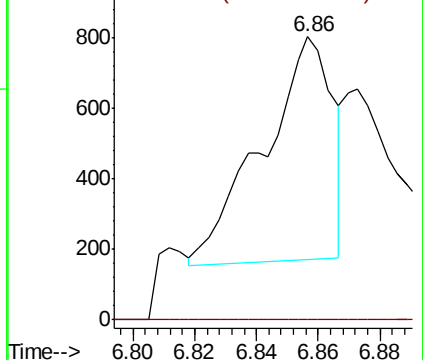
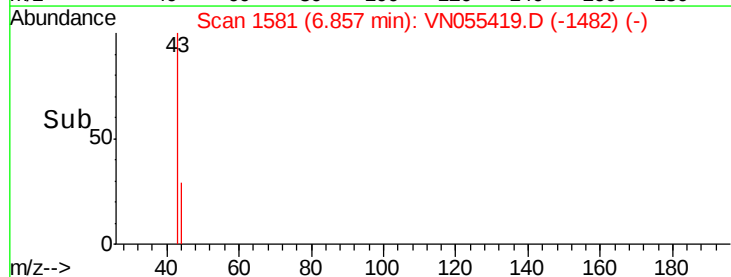


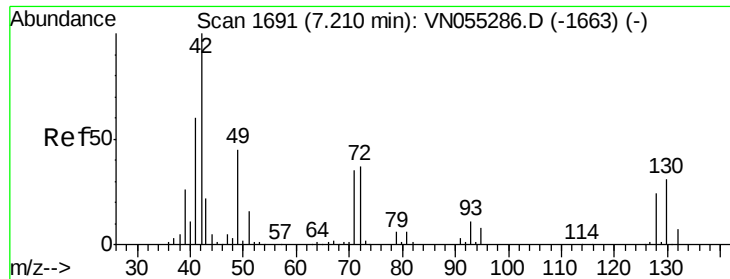
#25
2-Butanone
Concen: 0.411 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.02 min
Lab File: VN055419.D
Acq: 6 May 2019 16:39

Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
72 0.0 18.0 27.0#



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

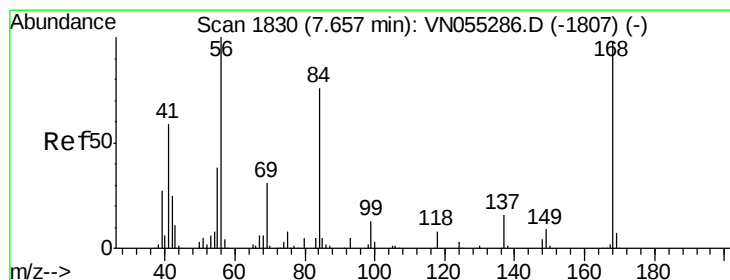
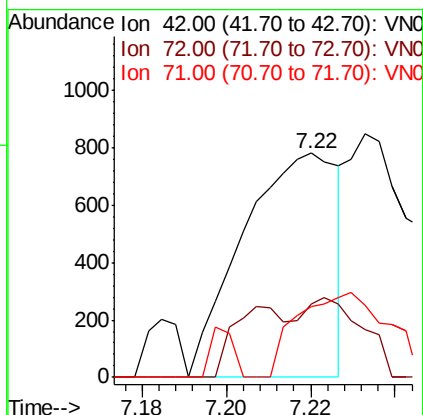
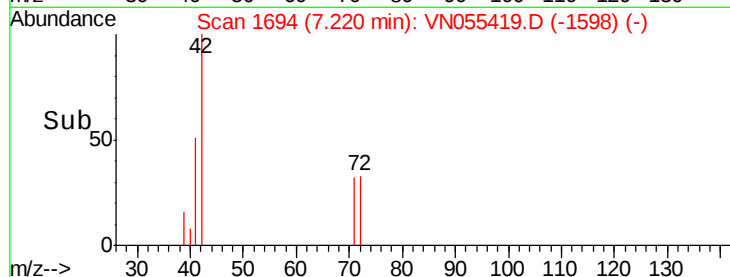
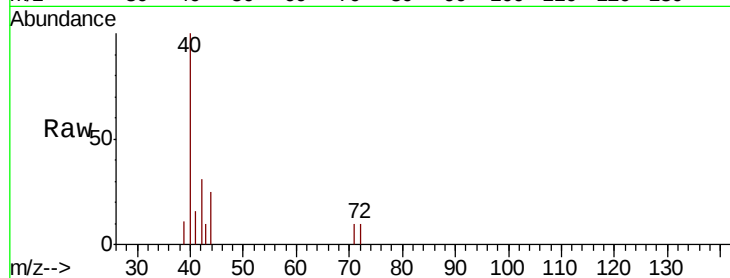




#29
Tetrahydrofuran
Concen: 0.786 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN055419.D
Acq: 6 May 2019 16:39

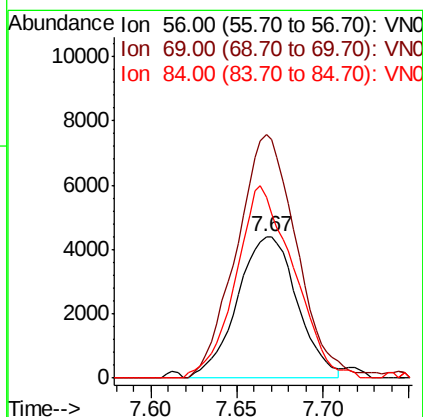
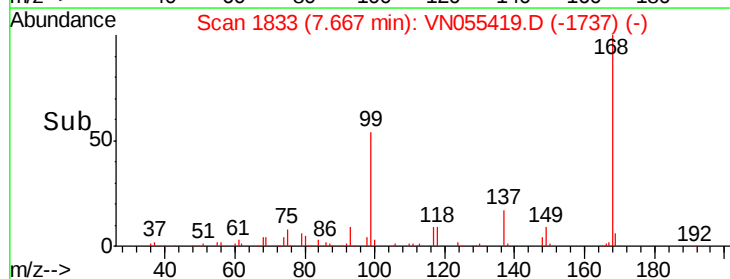
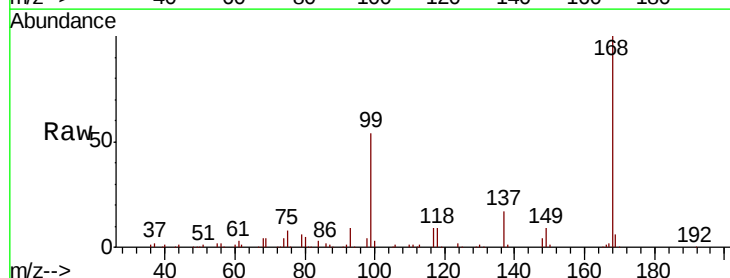
Instrument :
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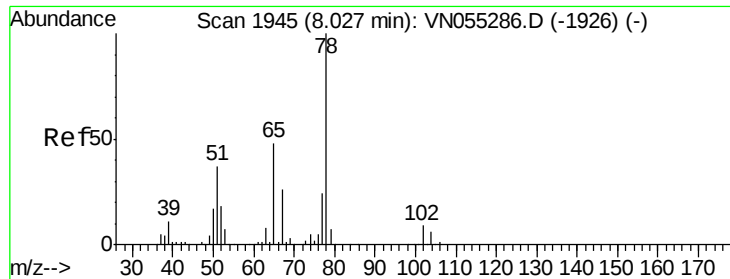
Tot Ion: 42 Resp: 1221
Ion Ratio Lower Upper
42 100
72 20.6 29.0 43.6#
71 35.6 27.1 40.7



#31
Cyclohexane
Concen: 1.115 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055419.D
Acq: 6 May 2019 16:39

Tgt Ion: 56 Resp: 10668
Ion Ratio Lower Upper
56 100
69 171.7 25.2 37.8#
84 123.7 61.1 91.7#

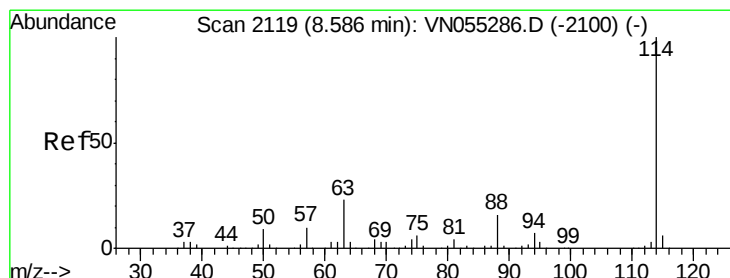
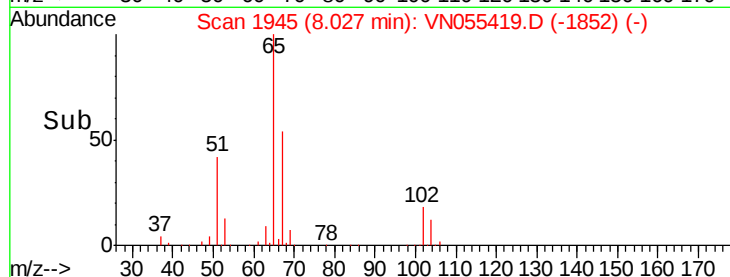
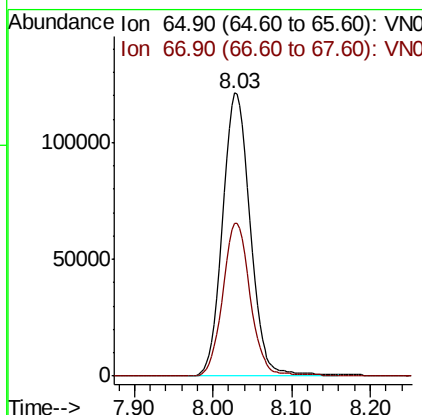
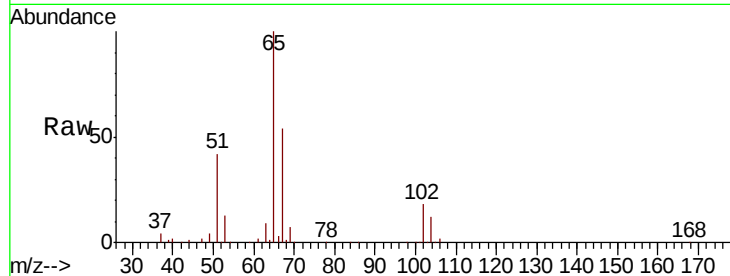




#33
 1,2-Dichloroethane-d4
 Concen: 48.487 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055419.D
 Acq: 6 May 2019 16:39

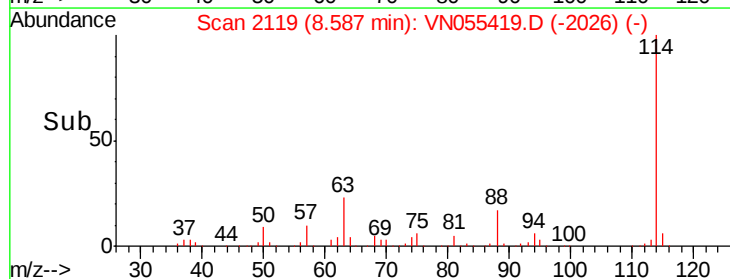
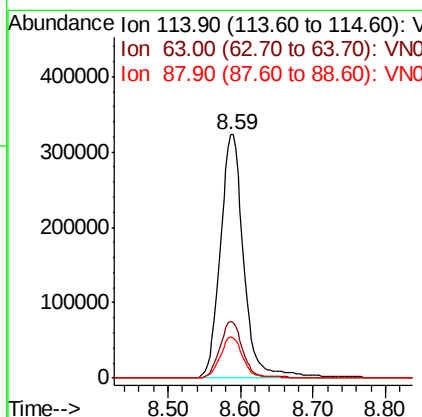
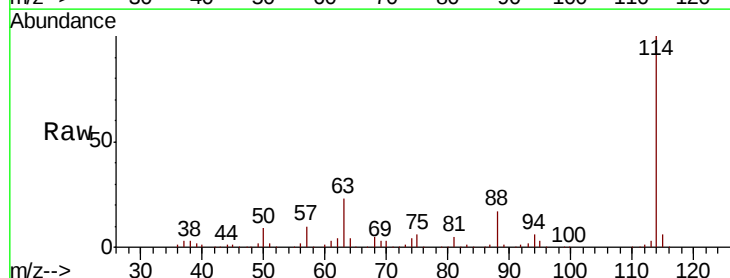
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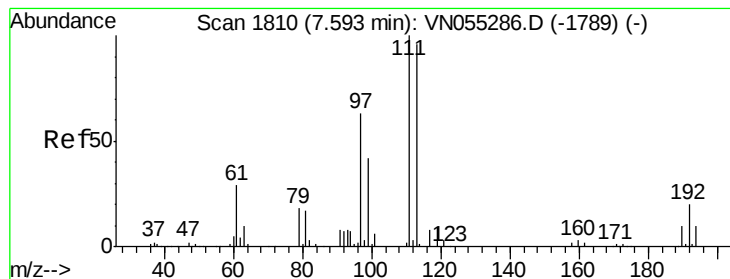
Tot Ion: 65 Resp: 295049
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055419.D
 Acq: 6 May 2019 16:39

Tgt Ion: 114 Resp: 725434
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.2
 88 17.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.522 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055419.D

Acq: 6 May 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-D

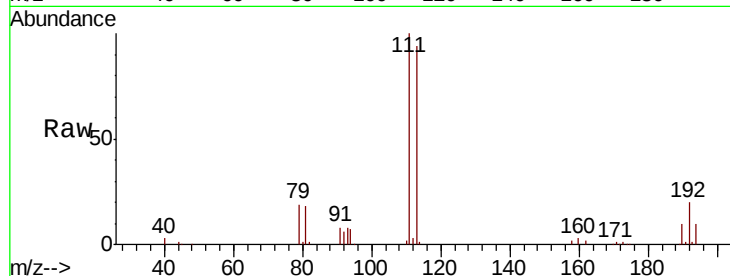
Tot Ion:113 Resp: 231038

Ion Ratio Lower Upper

113 100

111 102.4 82.3 123.5

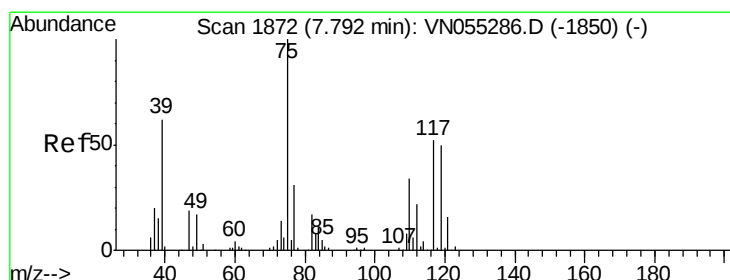
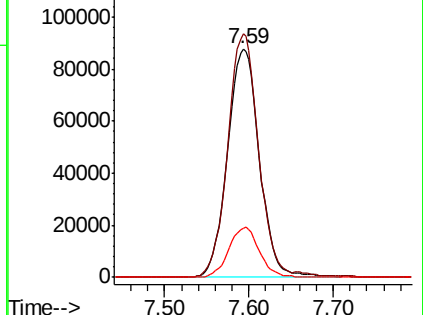
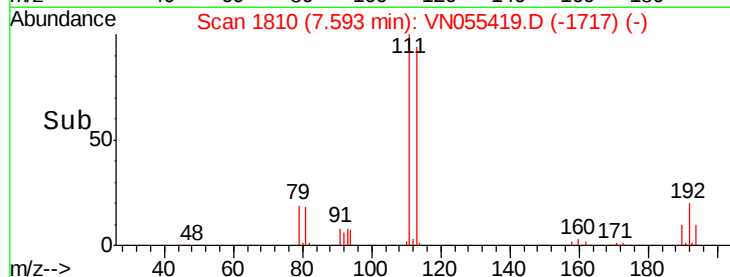
192 21.1 17.0 25.6



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: 5.272 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.12 min

Lab File: VN055419.D

Acq: 6 May 2019 16:39

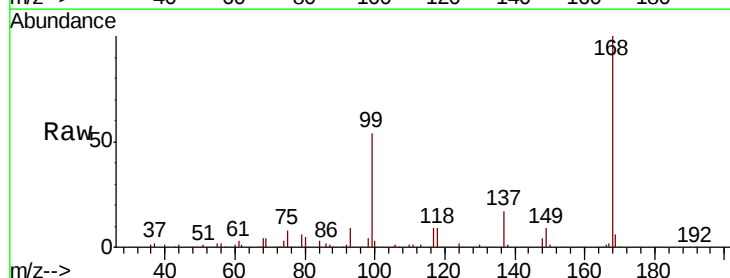
Tgt Ion: 75 Resp: 36630

Ion Ratio Lower Upper

75 100

110 8.7 16.8 50.4#

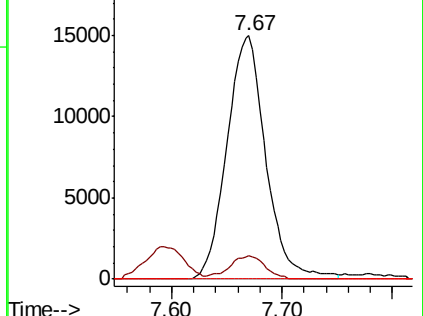
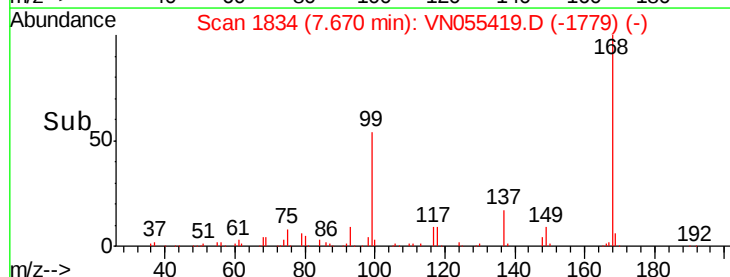
77 0.0 25.0 37.6#

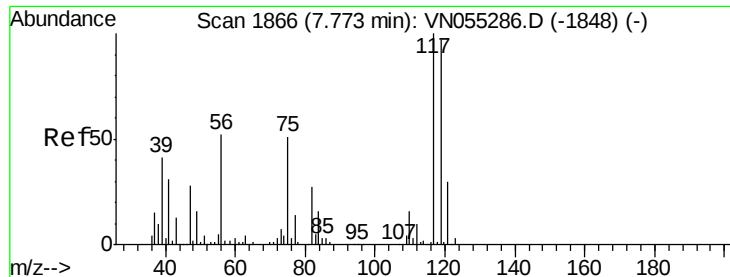


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.572 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055419.D

Acq: 6 May 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-D

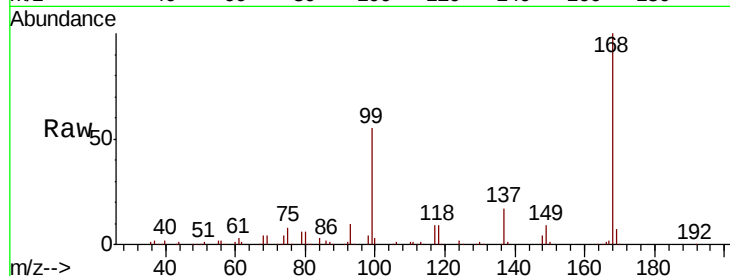
Tot Ion:117 Resp: 44054

Ion Ratio Lower Upper

117 100

119 4.5 77.0 115.6#

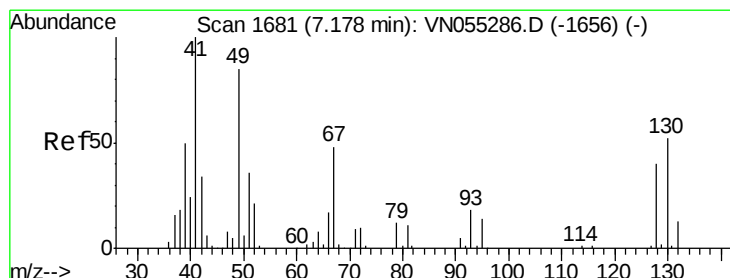
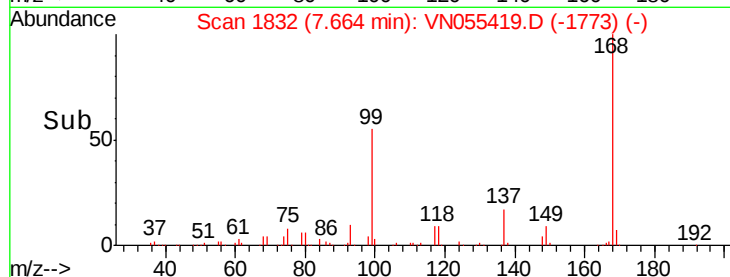
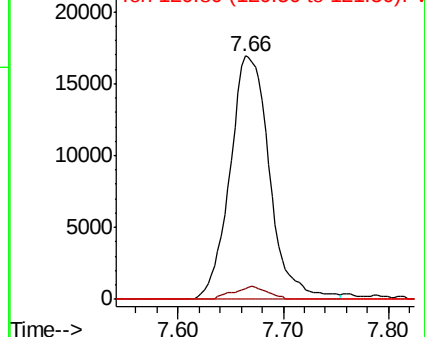
121 0.0 23.8 35.8#



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: 0.819 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.02 min

Lab File: VN055419.D

Acq: 6 May 2019 16:39

Tgt Ion: 41 Resp: 231

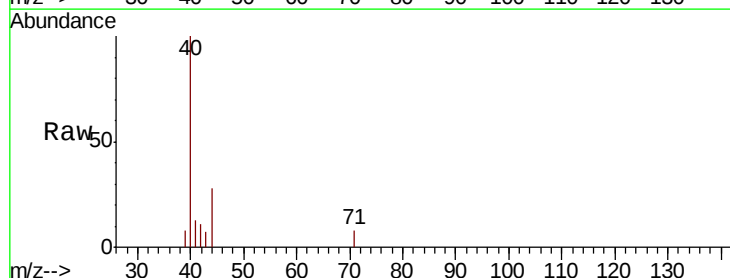
Ion Ratio Lower Upper

41 100

39 220.8 48.5 72.7#

67 0.0 54.9 82.3#

52 0.0 24.9 37.3#

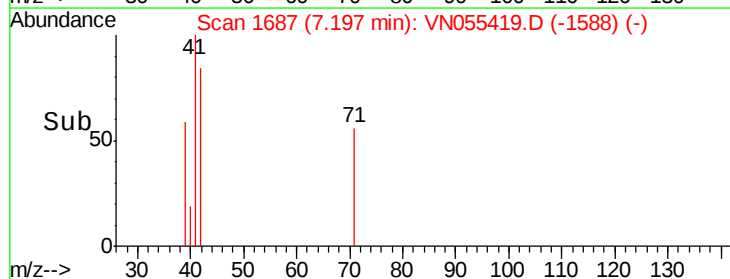
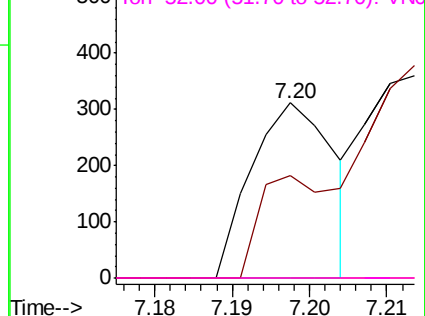


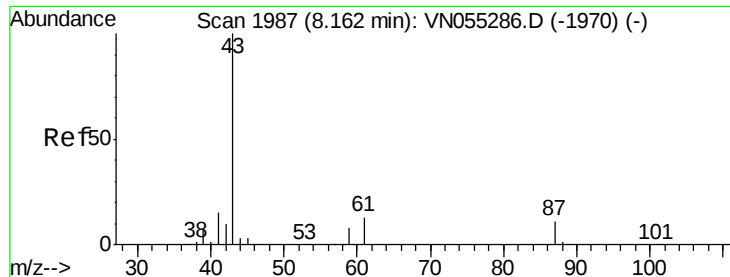
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 1.708 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN055419.D

Acq: 6 May 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-D

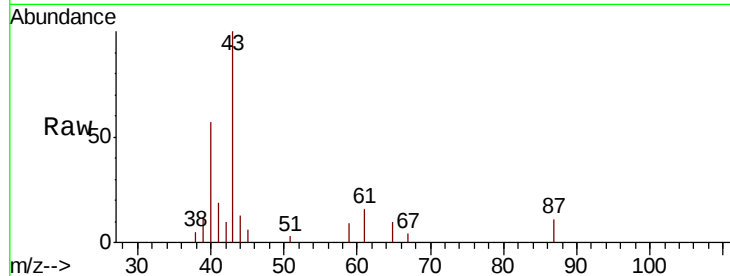
Tot Ion: 43 Resp: 14621

Ion Ratio Lower Upper

43 100

61 10.9 20.8 31.2#

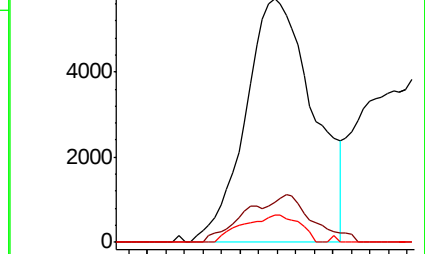
87 9.3 8.5 12.7



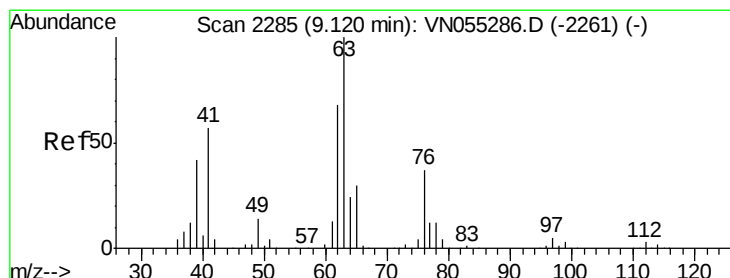
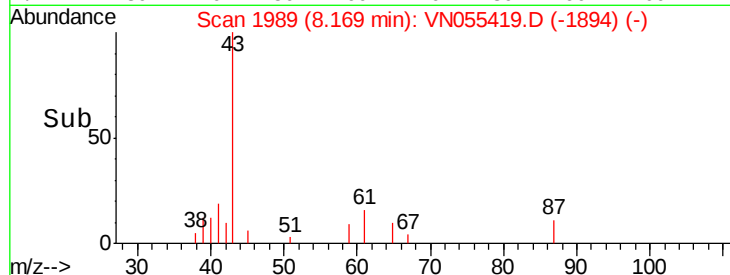
Abundance Ion 43.00 (42.70 to 43.70): VN055419.D (-1989) (-)

Ion 61.00 (60.70 to 61.70): VN055419.D (-1989) (-)

Ion 87.00 (86.70 to 87.70): VN055419.D (-1989) (-)



Time-->



#45

1,2-Dichloropropane

Concen: 0.247 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN055419.D

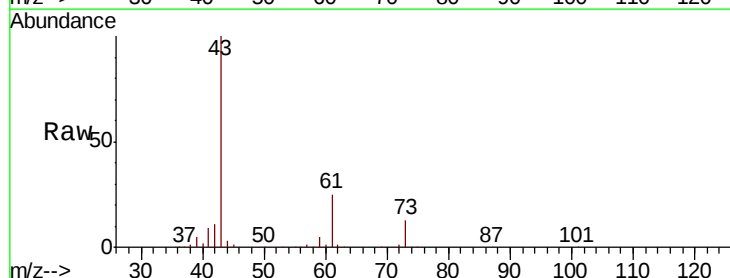
Acq: 6 May 2019 16:39

Tgt Ion: 63 Resp: 1460

Ion Ratio Lower Upper

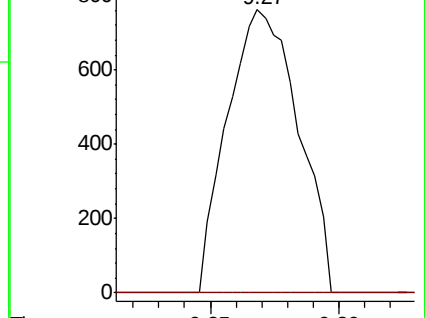
63 100

65 0.0 23.9 35.9#

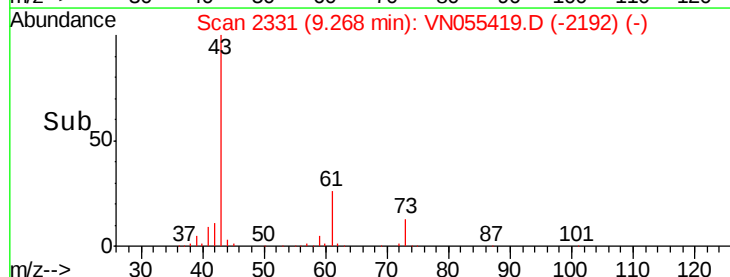


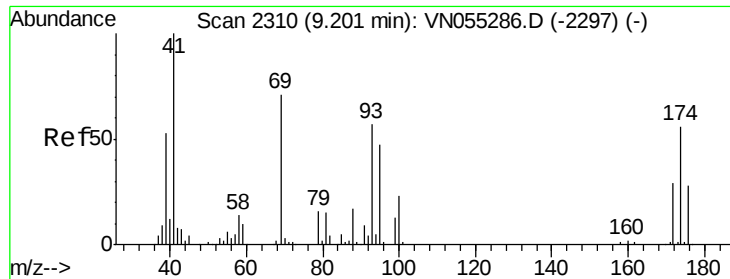
Abundance Ion 62.90 (62.60 to 63.60): VN055419.D (-2331) (-)

Ion 64.90 (64.60 to 65.60): VN055419.D (-2331) (-)



Time-->

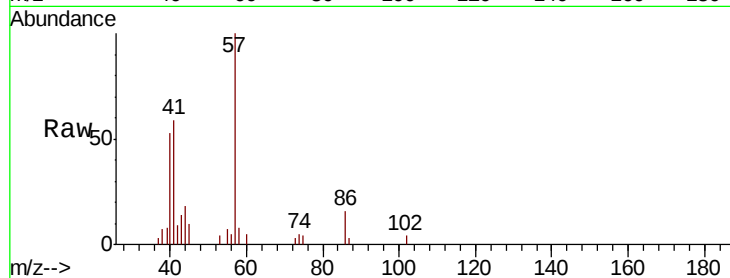




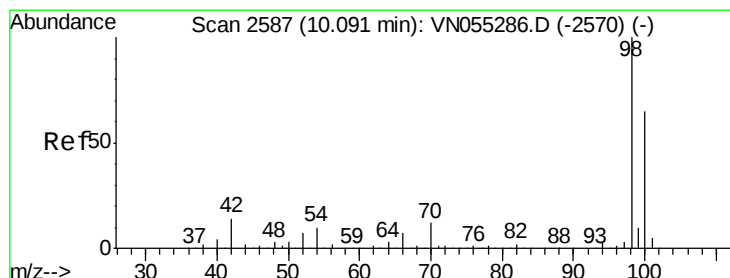
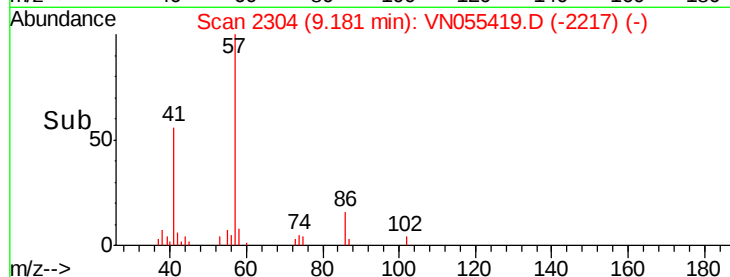
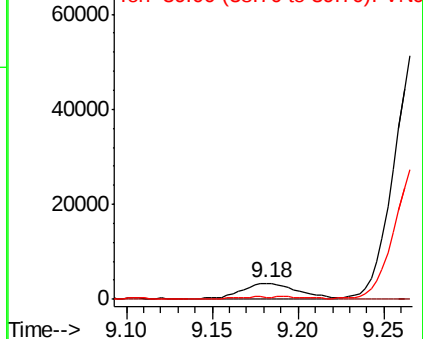
#48
Methvl methacrylate
Concen: 1.870 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN055419.D
Acq: 6 May 2019 16:39

Instrument :
MSVOA_N
ClientSampled :
AU-05-050219-D

Tot Ion: 41 Resp: 7867
Ion Ratio Lower Upper
41 100
69 0.0 58.6 87.8#
39 0.0 43.8 65.6#

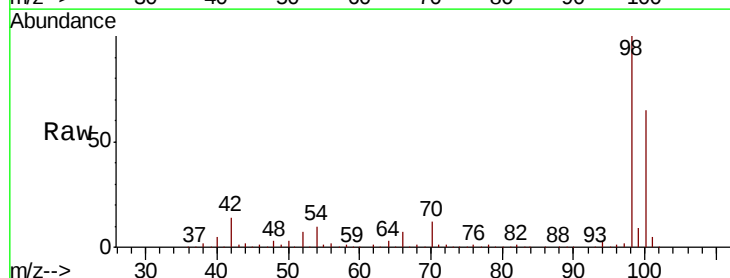


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

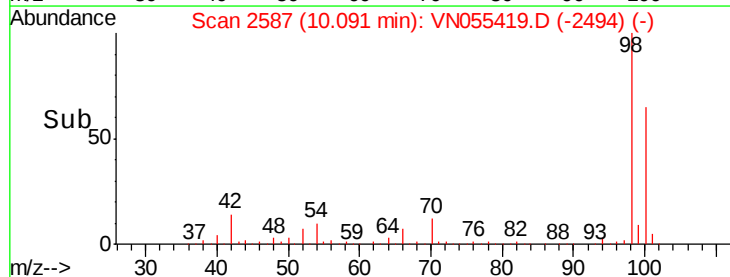
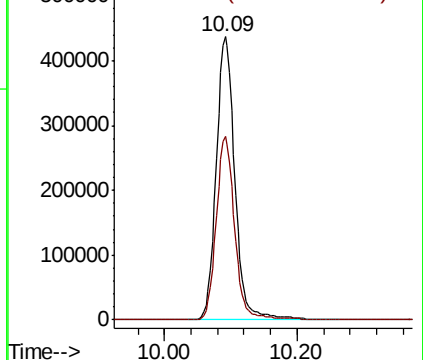


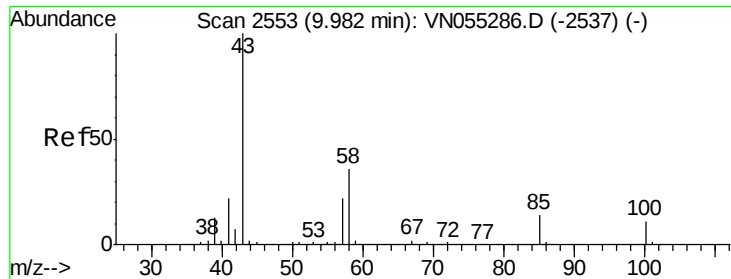
#50
Toluene-d8
Concen: 49.557 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055419.D
Acq: 6 May 2019 16:39

Tgt Ion: 98 Resp: 852039
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VNC
Ion 100.00 (99.70 to 100.70): VNC





#51

4-Methyl-2-Pentanone

Concen: 0.931 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055419.D

Acq: 6 May 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

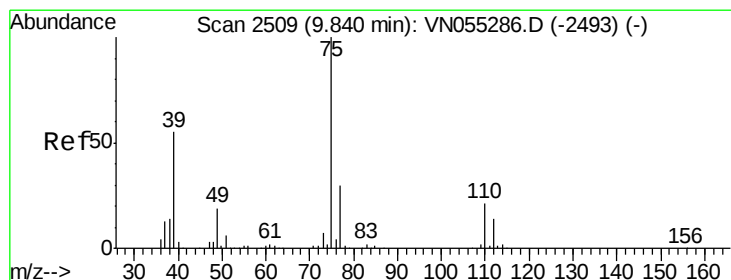
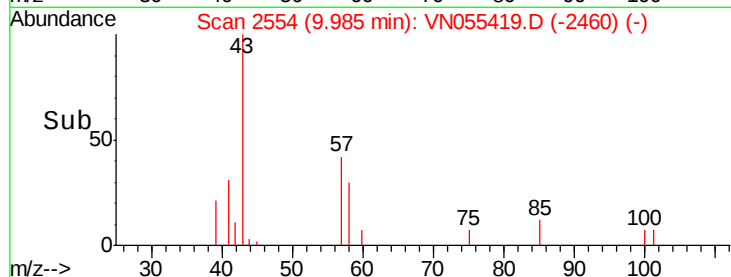
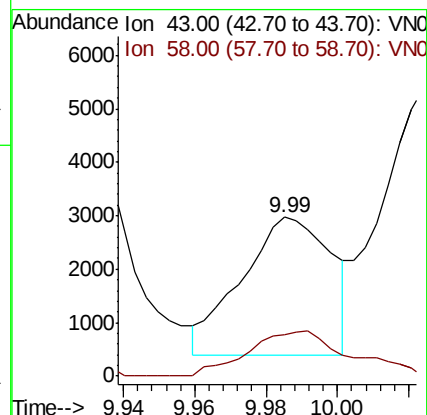
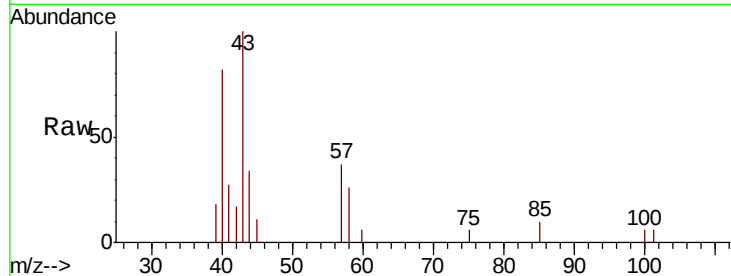
AU-05-050219-D

Tot Ion: 43 Resp: 4488

Ion Ratio Lower Upper

43 100

58 36.7 28.5 42.7



#54

cis-1,3-Dichloropropene

Concen: 6.497 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055419.D

Acq: 6 May 2019 16:39

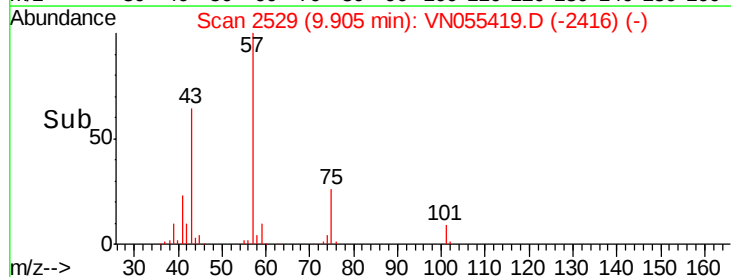
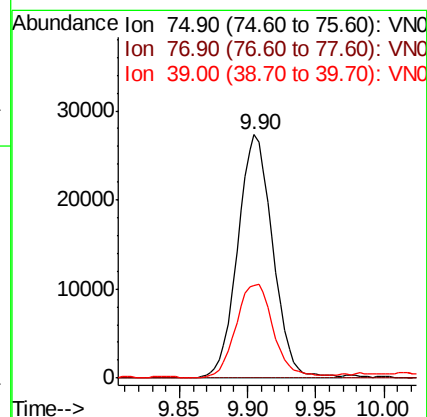
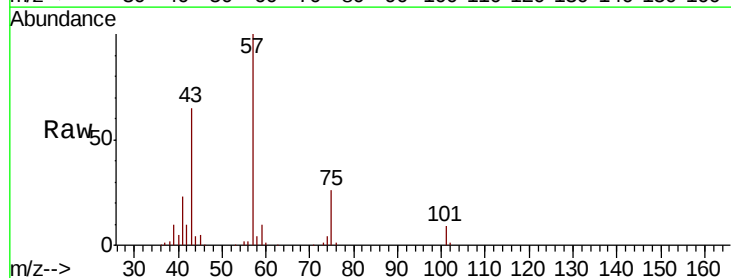
Tgt Ion: 75 Resp: 48714

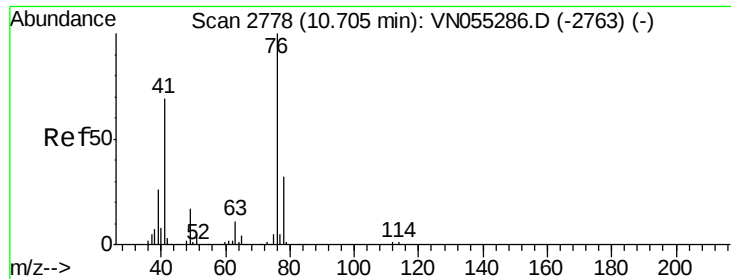
Ion Ratio Lower Upper

75 100

77 0.0 24.2 36.2#

39 38.3 44.2 66.2#





#57

1,3-Dichloropropane

Concen: 1.112 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055419.D

Acq: 6 May 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

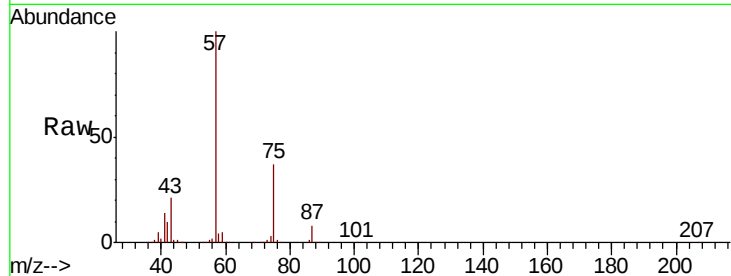
AU-05-050219-D

Tot Ion: 76 Resp: 8511

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

6000

5000

4000

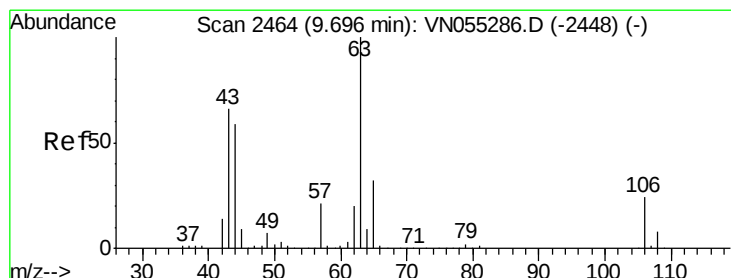
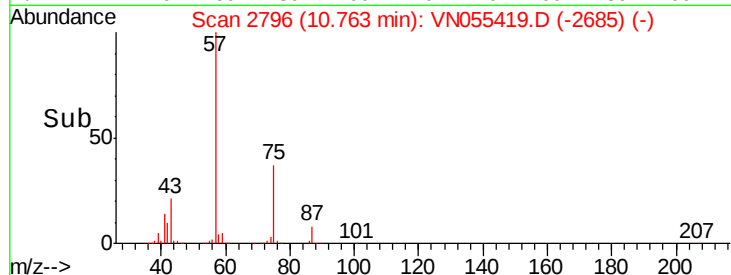
3000

2000

1000

0

Time--> 10.70 10.75 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 12.571 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.21 min

Lab File: VN055419.D

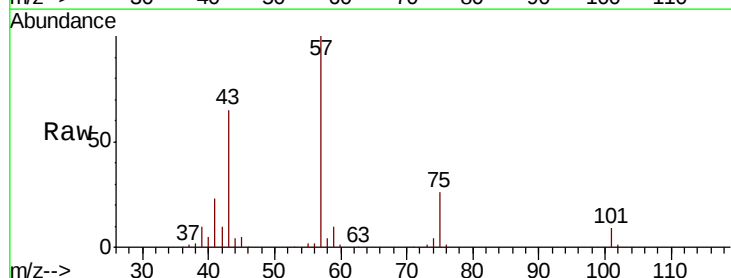
Acq: 6 May 2019 16:39

Tgt Ion: 63 Resp: 292

Ion Ratio Lower Upper

63 100

106 0.0 19.0 28.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

300

250

200

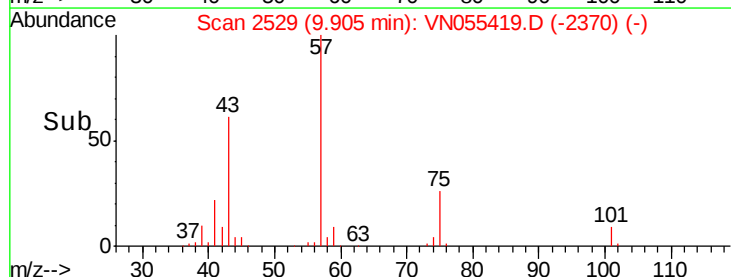
150

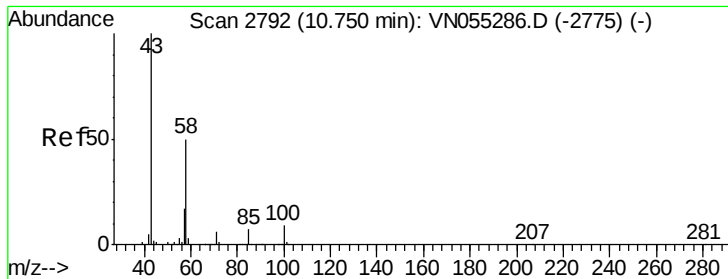
100

50

0

Time--> 9.88 9.90 9.92

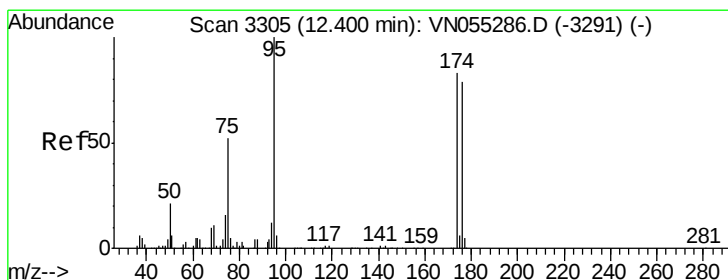
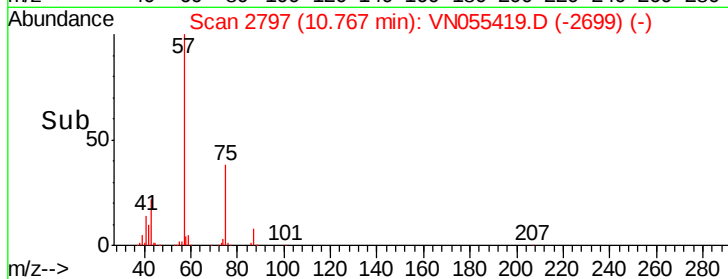
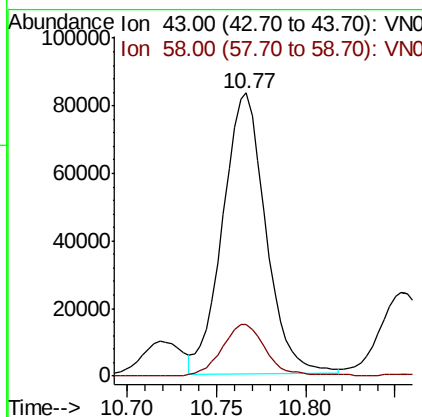
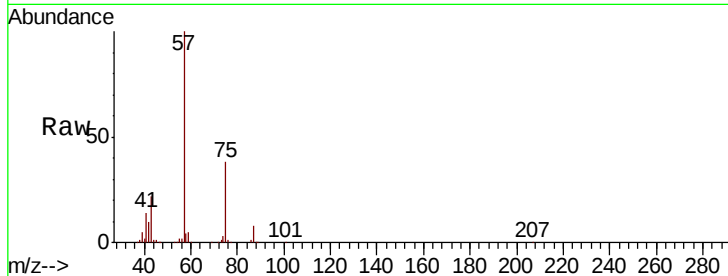




#59
2-Hexanone
Concen: 46.084 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN055419.D
Acq: 6 May 2019 16:39

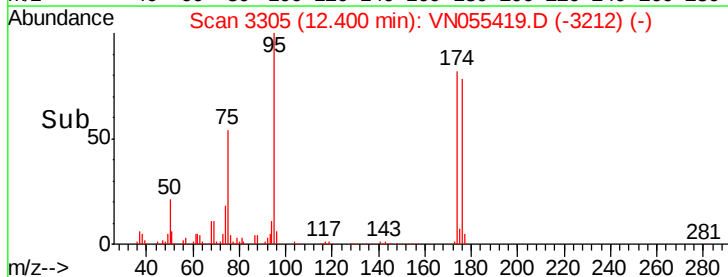
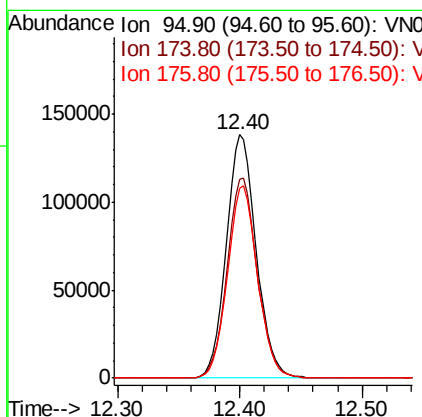
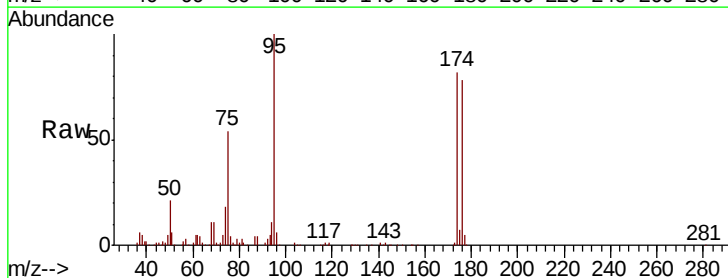
Instrument :
MSVOA_N
ClientSampleId :
AU-05-050219-D

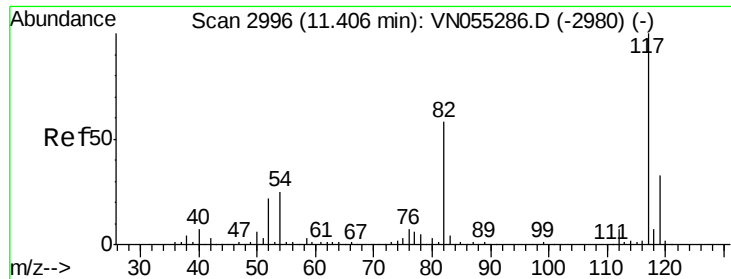
Tot Ion: 43 Resp: 138935
Ion Ratio Lower Upper
43 100
58 18.8 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 44.098 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055419.D
Acq: 6 May 2019 16:39

Tgt Ion: 95 Resp: 236961
Ion Ratio Lower Upper
95 100
174 83.0 0.0 166.6
176 79.4 0.0 157.8

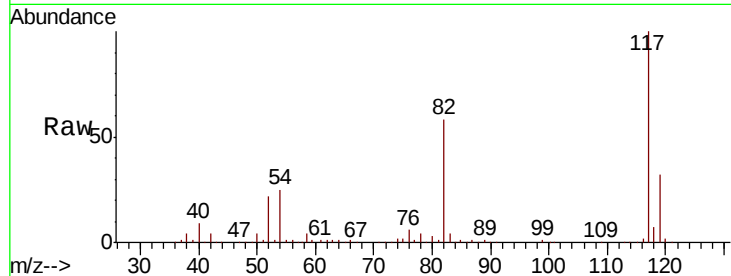




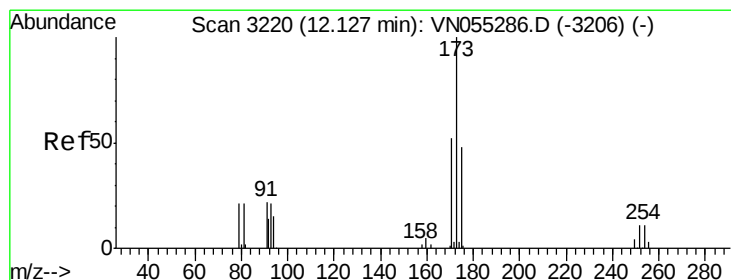
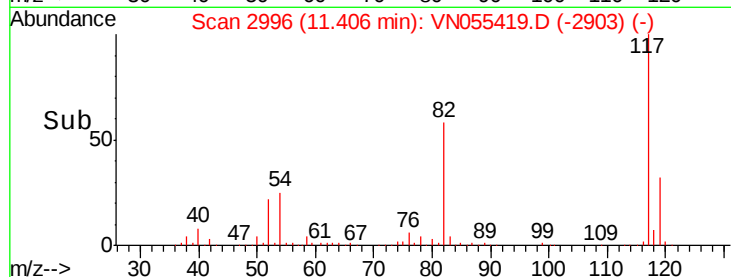
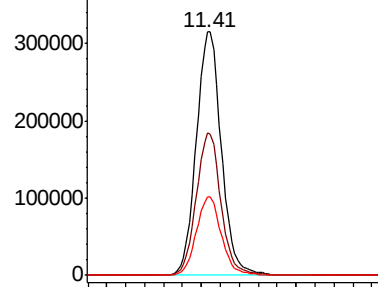
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055419.D
Acq: 6 May 2019 16:39

Instrument :
MSVOA_N
ClientSampleId :
AU-05-050219-D

Tot Ion:117 Resp: 579570
Ion Ratio Lower Upper
117 100
82 58.4 46.2 69.4
119 32.4 26.6 40.0

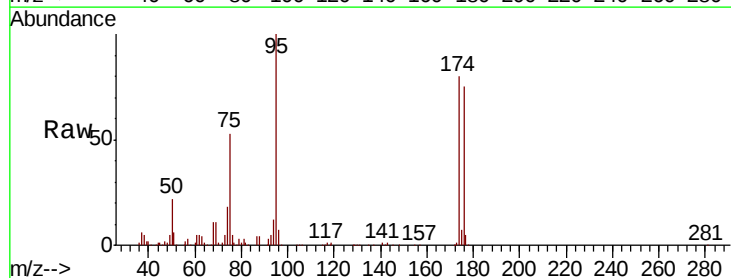


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

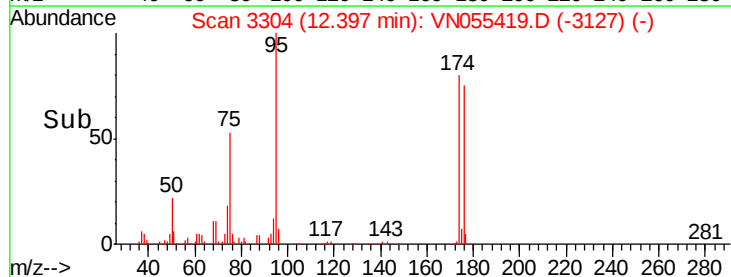
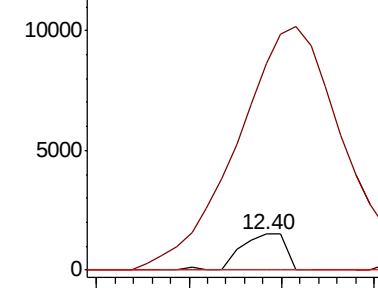


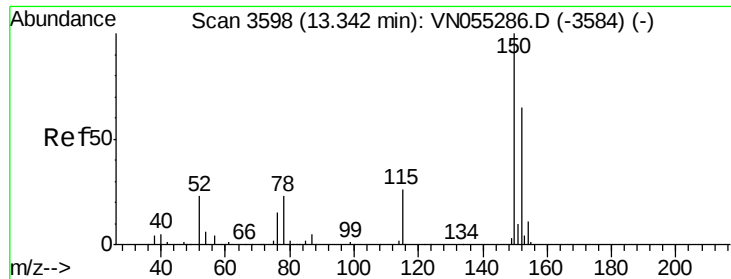
#71
Bromoform
Concen: 0.415 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN055419.D
Acq: 6 May 2019 16:39

Tgt Ion:173 Resp: 1021
Ion Ratio Lower Upper
173 100
175 1384.8 23.6 71.0#
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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055419.D

Acq: 6 May 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-D

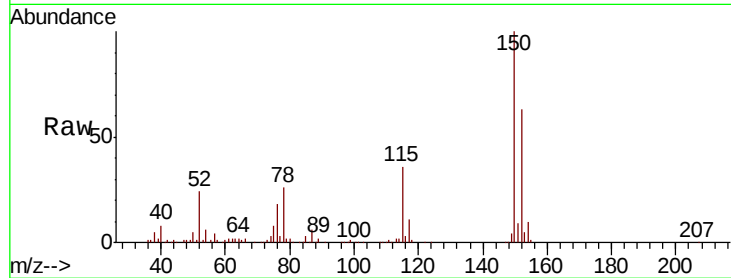
Tot Ion:152 Resp: 155706

Ion Ratio Lower Upper

152 100

115 58.4 29.0 87.0

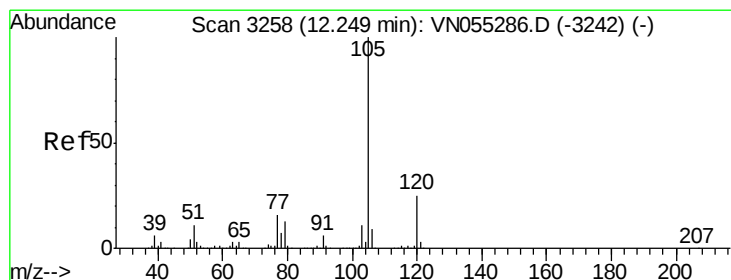
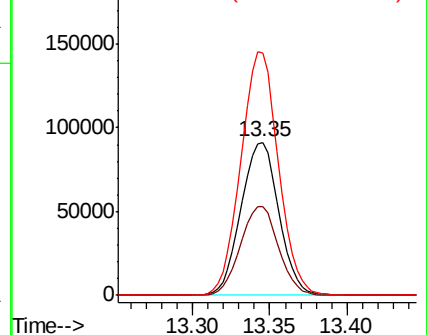
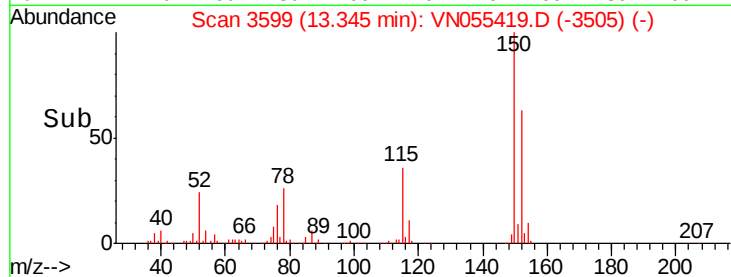
150 157.6 0.0 345.6



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: 12.24 min Scan# 3256

Delta R.T. -0.01 min

Lab File: VN055419.D

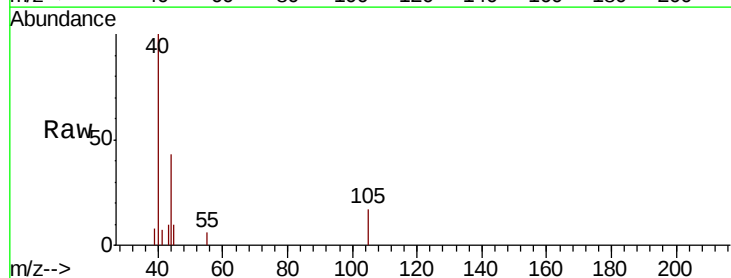
Acq: 6 May 2019 16:39

Tgt Ion:105 Resp: 681

Ion Ratio Lower Upper

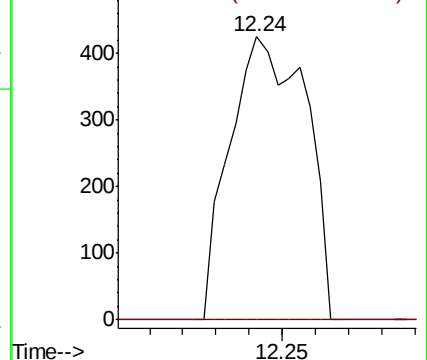
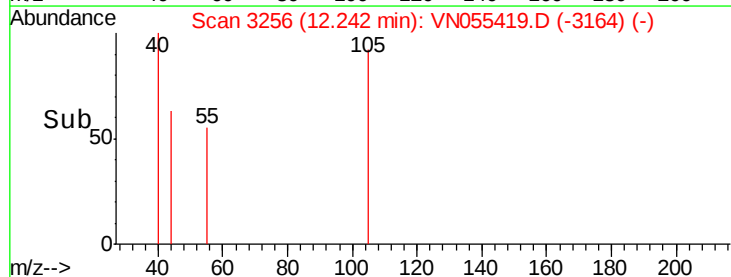
105 100

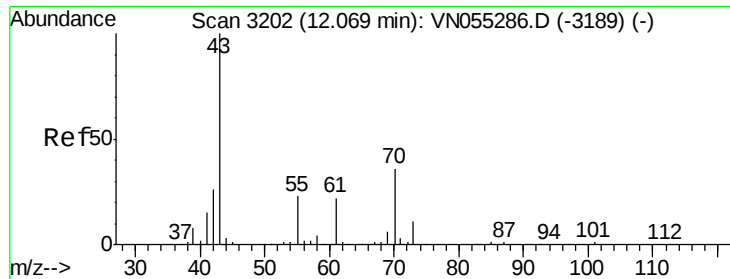
120 0.0 12.9 38.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.282 ug/l

RT: 12.04 min Scan# 3193

Delta R.T. -0.03 min

Lab File: VN055419.D

Acq: 6 May 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-D

Tot Ion: 43 Resp: 1128

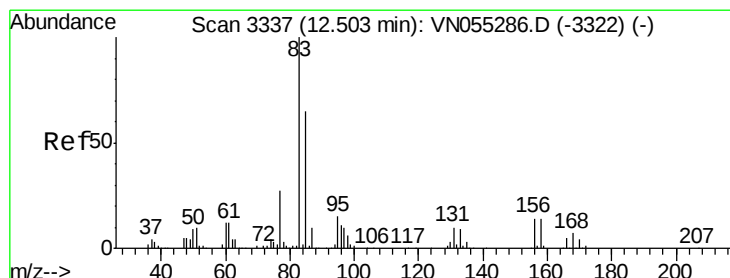
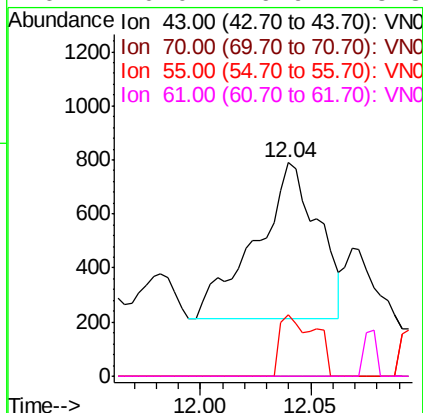
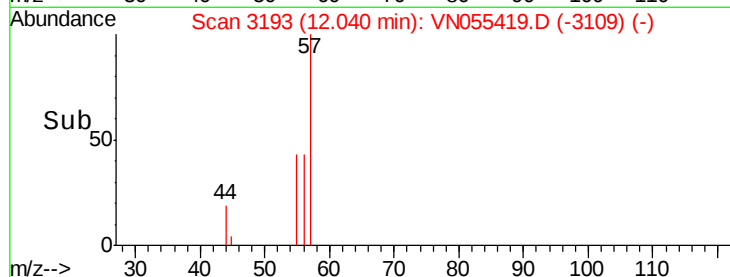
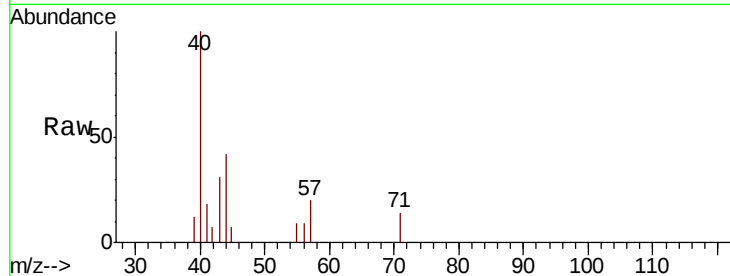
Ion Ratio Lower Upper

43 100

70 0.0 27.9 41.9#

55 22.1 18.2 27.2

61 0.0 16.9 25.3#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.56 min Scan# 3354

Delta R.T. 0.06 min

Lab File: VN055419.D

Acq: 6 May 2019 16:39

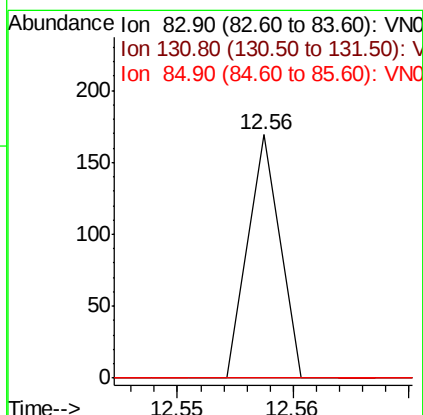
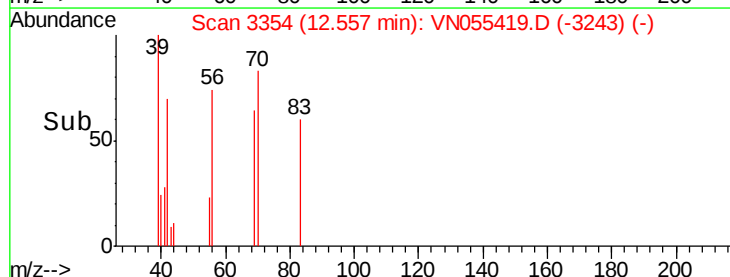
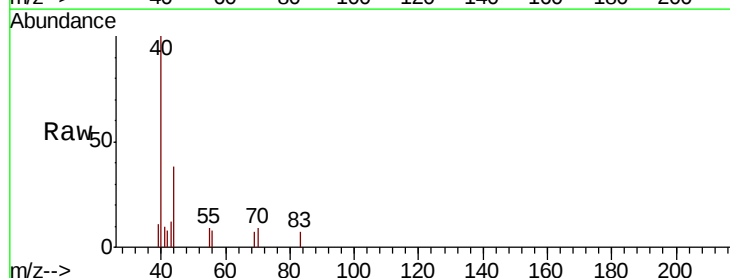
Tgt Ion: 83 Resp: 33

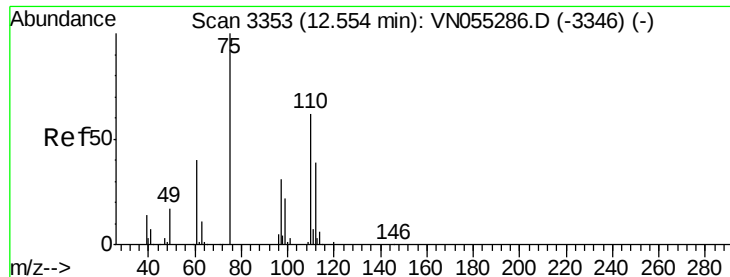
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

85 0.0 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 43.194 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055419.D

Acq: 6 May 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

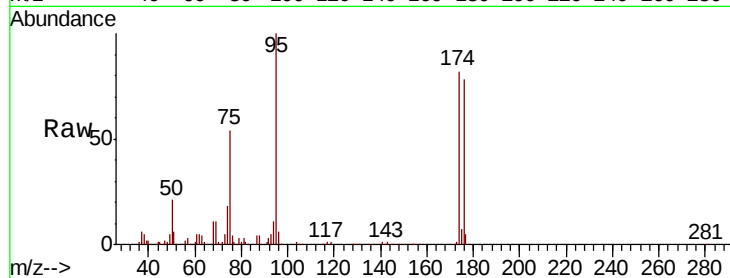
AU-05-050219-D

Tot Ion: 75 Resp: 126004

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

80000

60000

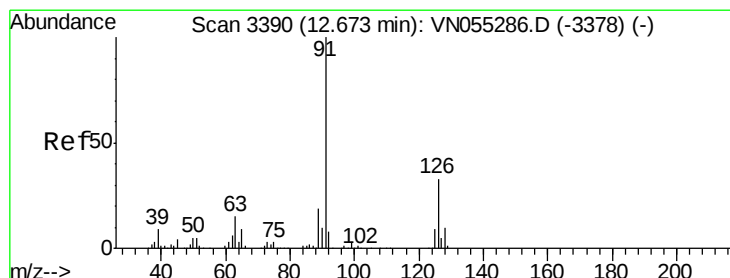
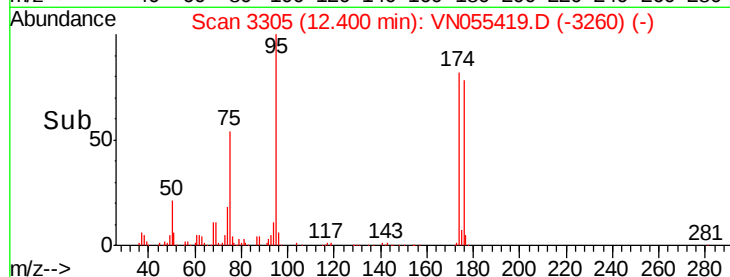
40000

20000

0

12.35 12.40 12.45

Time-->



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3388

Delta R.T. -0.01 min

Lab File: VN055419.D

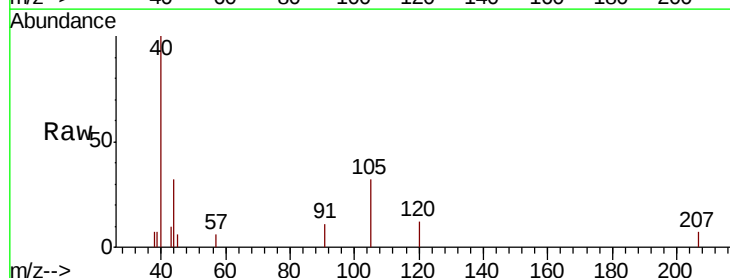
Acq: 6 May 2019 16:39

Tgt Ion: 91 Resp: 475

Ion Ratio Lower Upper

91 100

126 0.0 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

12.67

300

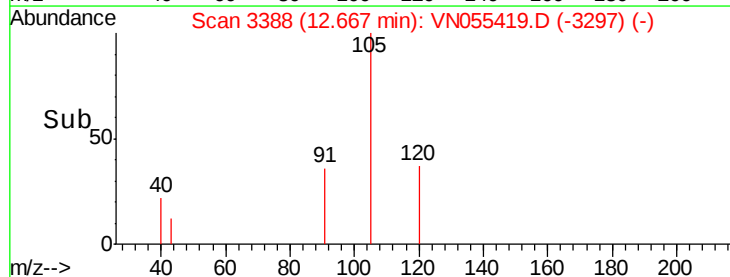
200

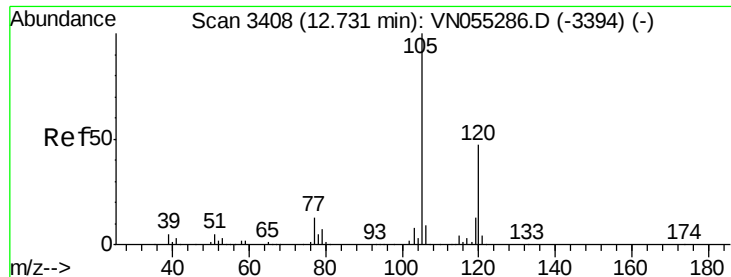
100

0

12.64 12.66 12.68

Time-->

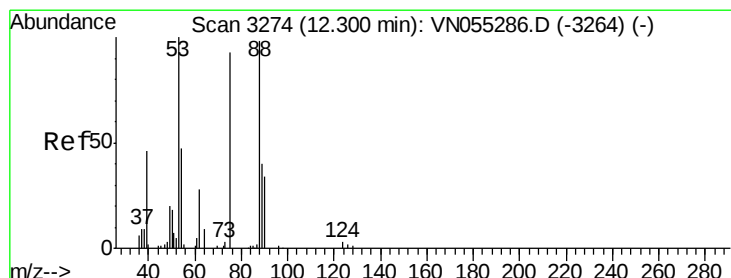
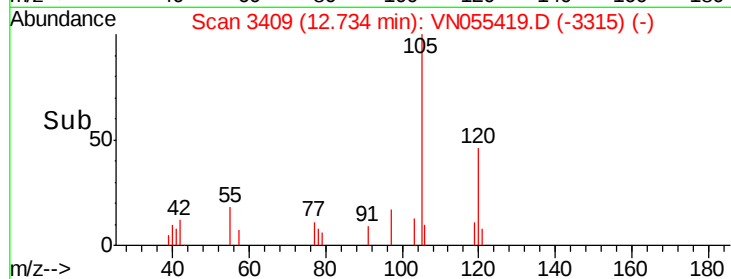
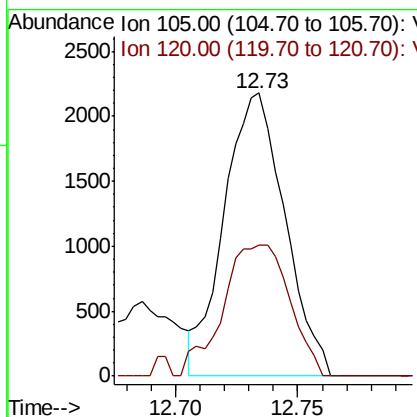
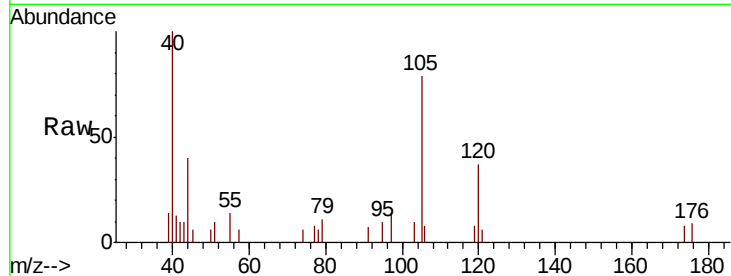




#80
 1,3,5-Trimethylbenzene
 Concen: 0.309 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN055419.D
 Acq: 6 May 2019 16:39

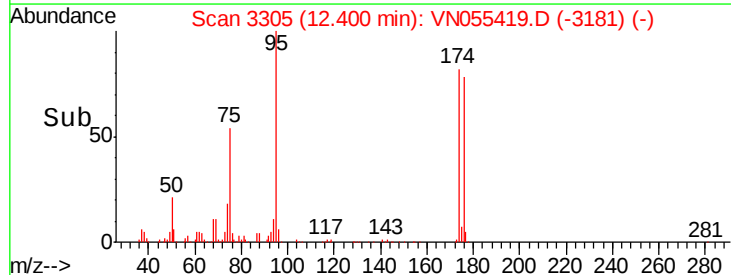
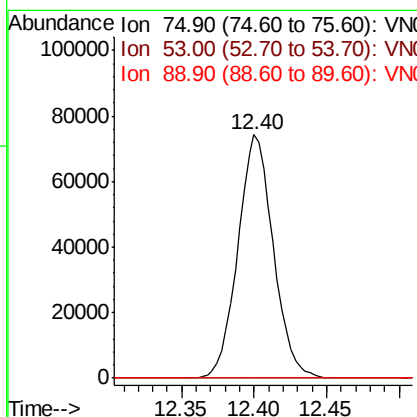
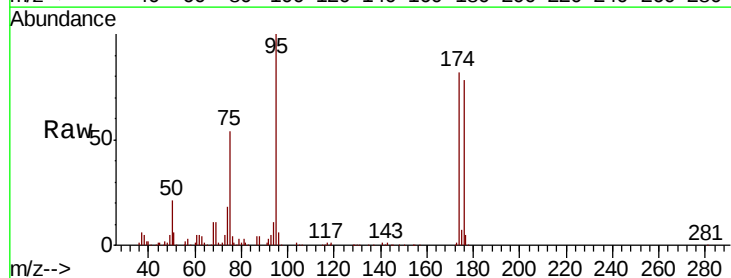
Instrument :
 MSVOA_N
 ClientSampleId :
 AU-05-050219-D

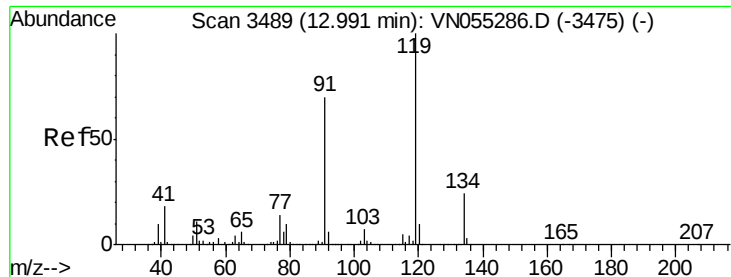
Tot Ion: 105 Resp: 3769
 Ion Ratio Lower Upper
 105 100
 120 51.0 23.4 70.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 153.357 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055419.D
 Acq: 6 May 2019 16:39

Tgt Ion: 75 Resp: 126004
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.3 129.5#
 89 0.0 34.6 51.8#

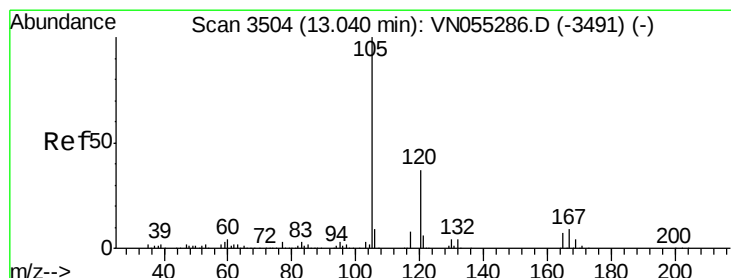
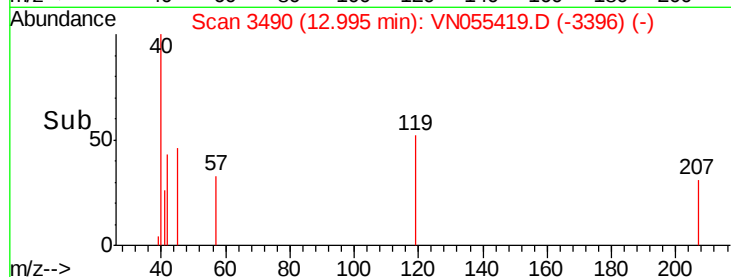
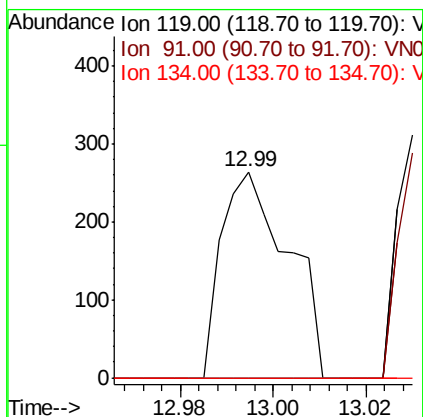
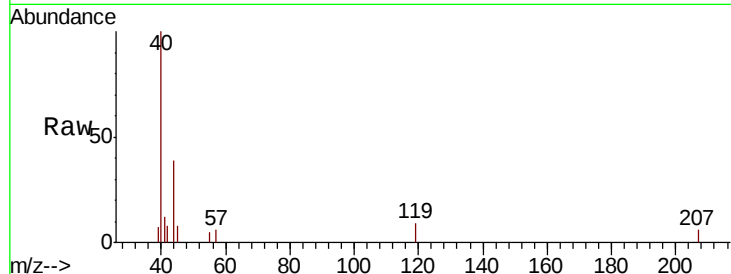




#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN055419.D
Acq: 6 May 2019 16:39

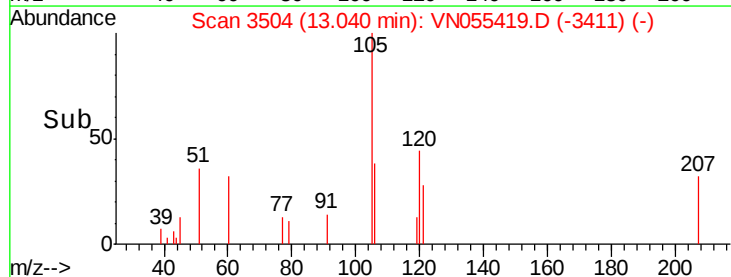
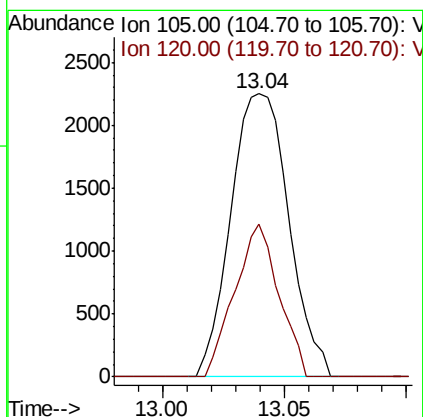
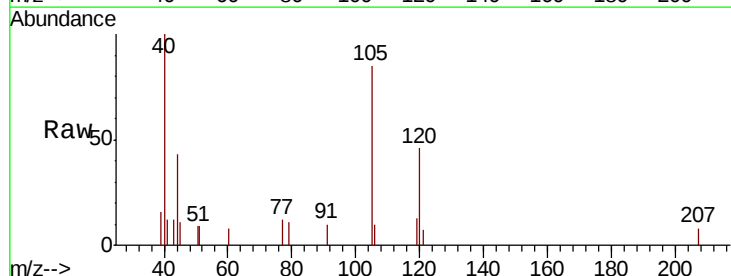
Instrument :
MSVOA_N
ClientSampleId :
AU-05-050219-D

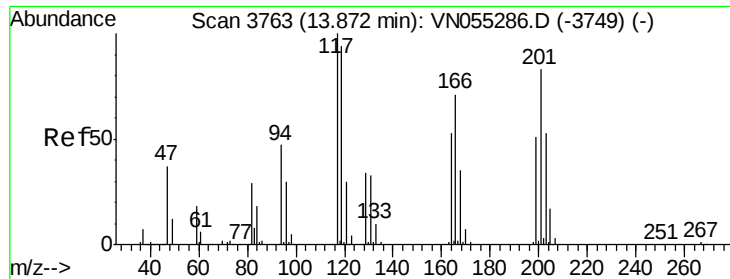
Tot Ion:119 Resp: 263
Ion Ratio Lower Upper
119 100
91 0.0 34.3 102.9#
134 0.0 13.1 39.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.340 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055419.D
Acq: 6 May 2019 16:39

Tgt Ion:105 Resp: 3713
Ion Ratio Lower Upper
105 100
120 41.0 22.1 66.5





#90

Hexachloroethane

Concen: Below Cal

RT: 13.88 min Scan# 3766

Delta R.T. 0.01 min

Lab File: VN055419.D

Acq: 6 May 2019 16:39

Instrument :

MSVOA_N

ClientSampled :

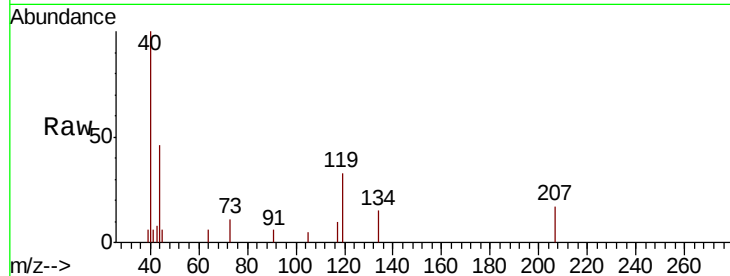
AU-05-050219-D

Tot Ion:117 Resp: 227

Ion Ratio Lower Upper

117 100

201 0.0 41.9 125.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.88

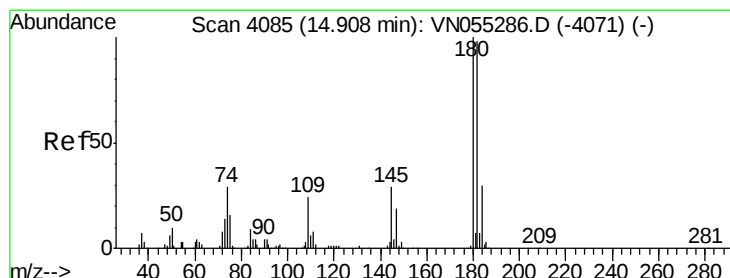
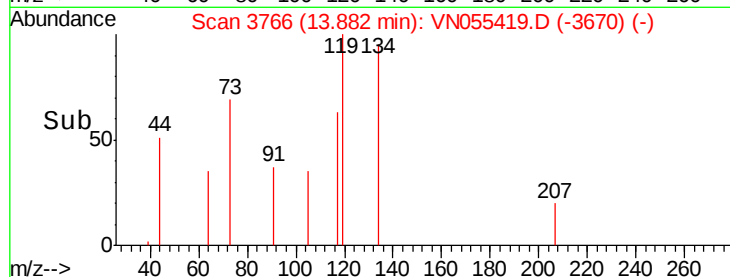
300

200

100

0

Time--> 13.86 13.88 13.90



#93

1,2,4-Trichlorobenzene

Concen: 3.338 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN055419.D

Acq: 6 May 2019 16:39

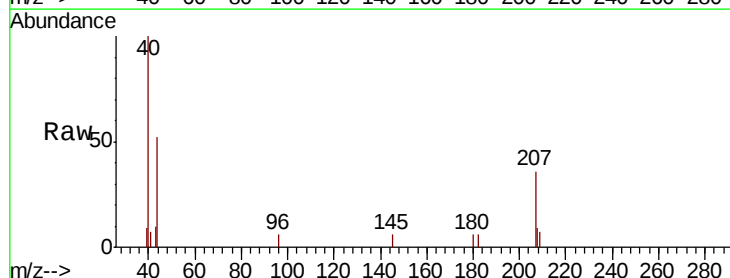
Tgt Ion:180 Resp: 60

Ion Ratio Lower Upper

180 100

182 51.7 48.3 144.9

145 158.3 14.2 42.6#



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

14.91

200

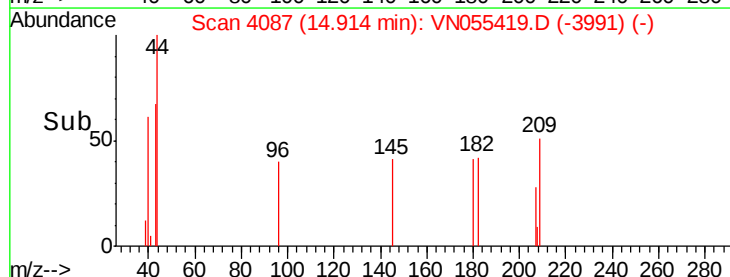
150

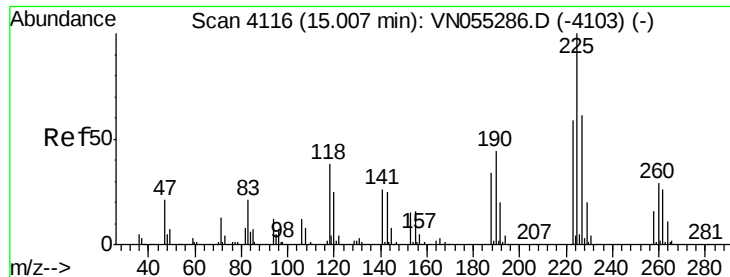
100

50

0

Time--> 14.90 14.91 14.92





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4115

Delta R.T. -0.00 min

Lab File: VN055419.D

Acq: 6 May 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-D

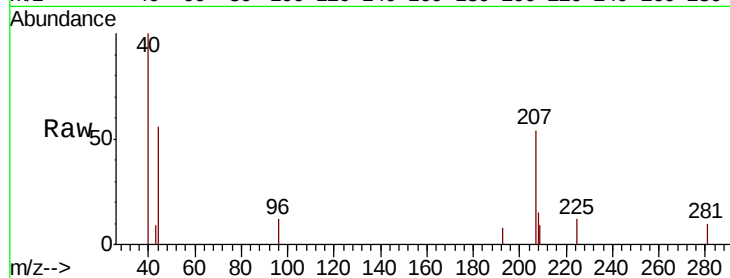
Tot Ion:225 Resp: 134

Ion Ratio Lower Upper

225 100

223 0.0 30.3 90.8#

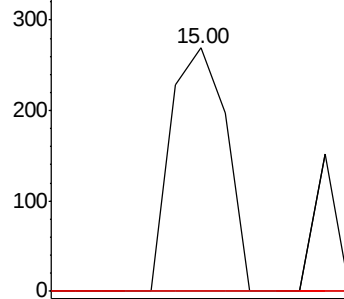
227 0.0 30.9 92.7#



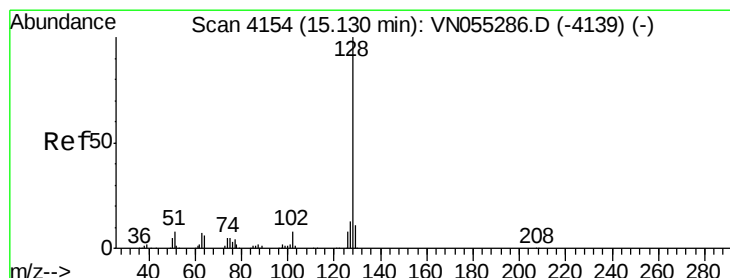
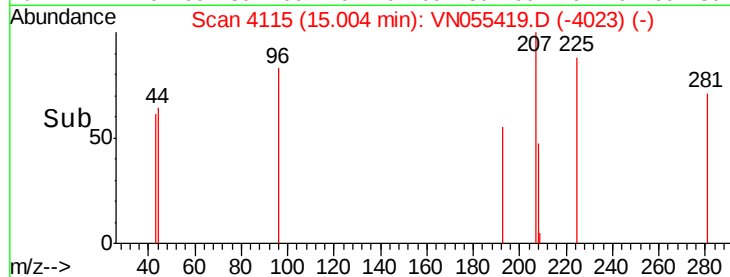
Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time-->



#95

Naphthalene

Concen: 3.753 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN055419.D

Acq: 6 May 2019 16:39

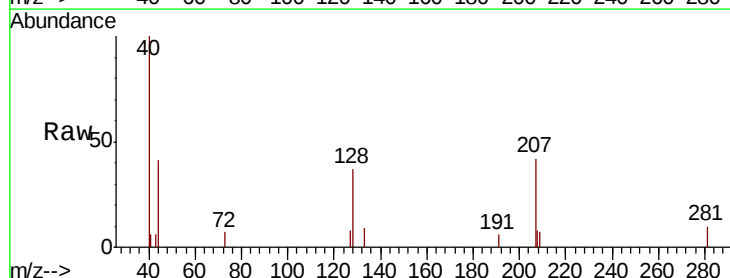
Tgt Ion:128 Resp: 1967

Ion Ratio Lower Upper

128 100

127 10.0 10.7 16.1#

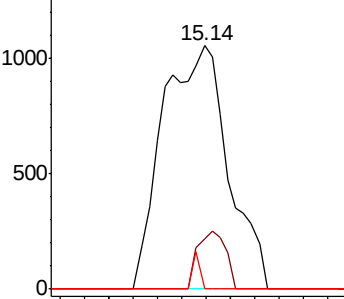
129 1.6 8.6 13.0#



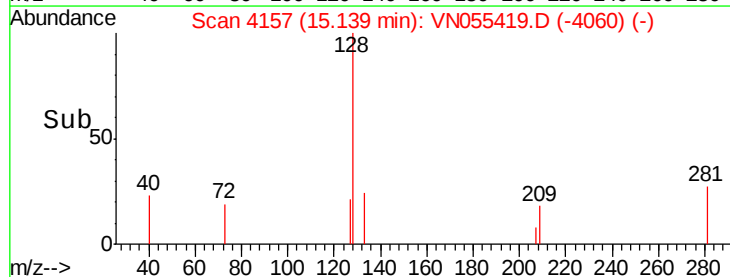
Abundance Ion 128.00 (127.70 to 128.70): V

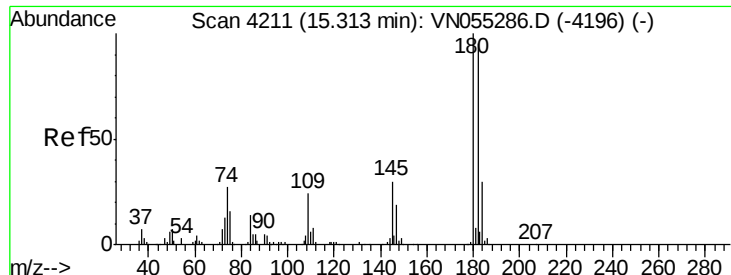
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->

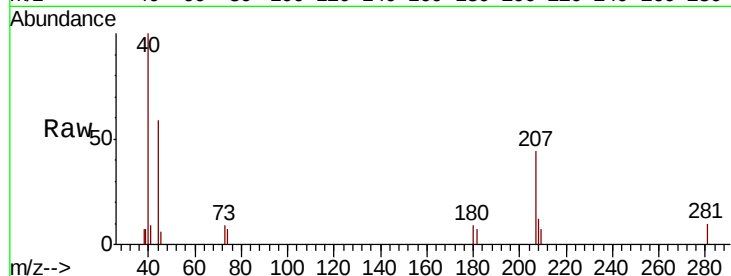




#96
 1,2,3-Trichlorobenzene
 Concen: 2.721 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN055419.D
 Acq: 6 May 2019 16:39

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-05-050219-D

Tot Ion	Ratio	Lower	Upper
180	100		
182	62.6	48.3	144.9
145	0.0	15.2	45.6#



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

