

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082919\
 Data File : VN057572.D
 Acq On : 30 Aug 2019 1:06
 Operator : JC/SP
 Sample : K4529-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 30 12:11:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 08:56:38 2019
 Response via : Initial Calibration

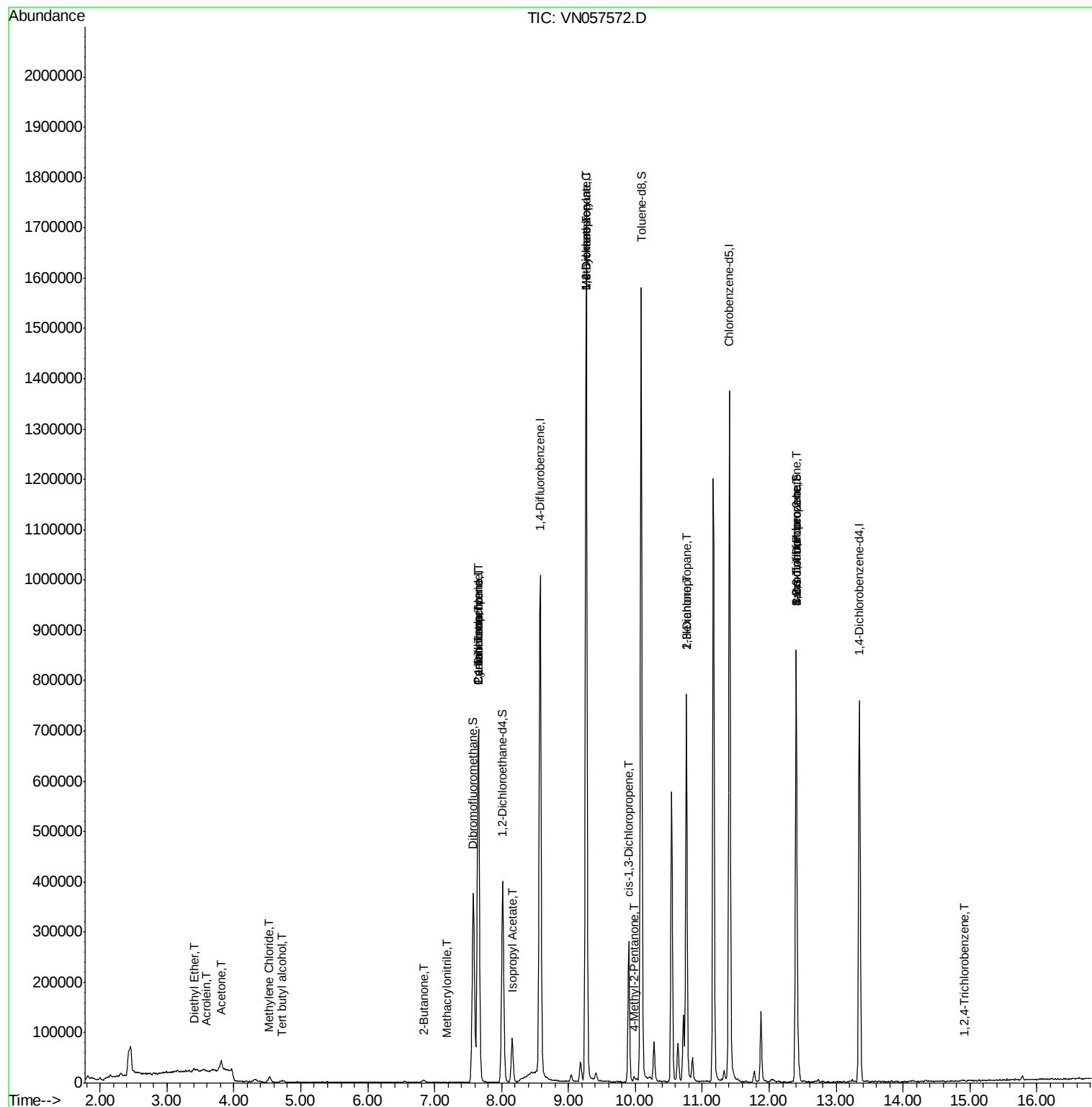
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	574511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	893231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	821450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	215529	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	342134	37.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.74%	
35) Dibromofluoromethane	7.58	113	277927	35.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.68%	
50) Toluene-d8	10.09	98	1109143	39.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.28%	
62) 4-Bromofluorobenzene	12.40	95	306218	31.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.86%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.40	74	2380	0.363	ug/l	53
11) Tert butyl alcohol	4.73	59	2919	3.148	ug/l #	73
13) Acrolein	3.59	56	268	0.338	ug/l	83
16) Acetone	3.81	43	25017	6.582	ug/l #	83
18) Methyl Acetate	4.31	43	12213	Below Cal		92
20) Methylene Chloride	4.53	84	7390	1.050	ug/l #	83
25) 2-Butanone	6.85	43	2250	0.750	ug/l	94
31) Cyclohexane	7.65	56	12982	1.189	ug/l #	27
36) 1,1-Dichloropropene	7.65	75	41784	4.324	ug/l #	51
38) Carbon Tetrachloride	7.65	117	53771	4.759	ug/l #	16
41) Methacrylonitrile	7.18	41	118	1.306	ug/l #	17
43) Isopropyl Acetate	8.16	43	99993	8.368	ug/l #	94
45) 1,2-Dichloropropane	9.26	63	1793	0.259	ug/l #	44
48) Methyl methacrylate	9.26	41	161855	28.679	ug/l #	50
49) 1,4-Dioxane	9.27	88	157	1.524	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	5213	0.816	ug/l #	79
54) cis-1,3-Dichloropropene	9.90	75	50054	4.278	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	8926	0.758	ug/l #	43
59) 2-Hexanone	10.76	43	102096	23.154	ug/l #	60
71) Bromoform	12.40	173	2133	0.393	ug/l #	1
73) Isopropylbenzene	12.26	105	33	Below Cal	#	50
74) N-amyl acetate	12.03	43	5523	Below Cal	#	52
75) 1,1,2,2-Tetrachloroethane	12.49	83	63	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	161181	39.998	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	161181	112.449	ug/l #	9
83) tert-Butylbenzene	13.00	119	117	Below Cal	#	22
93) 1,2,4-Trichlorobenzene	14.92	180	32	3.793	ug/l #	1

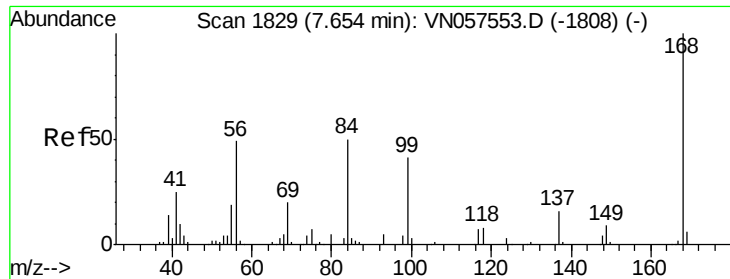
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082919\
Data File : VN057572.D
Acq On : 30 Aug 2019 1:06
Operator : JC/SP
Sample : K4529-10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 30 12:11:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 08:56:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057572.D

Acq: 30 Aug 2019 1:06

Instrument :

MSVOA_N

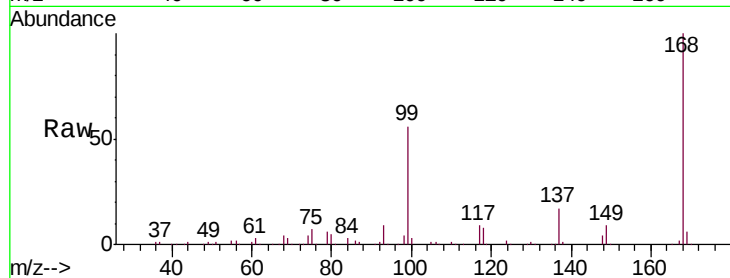
ClientSampleId :

Tot Ion:168 Resp: 574511

Ion Ratio Lower Upper

168 100

99 56.4 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057553.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN057553.D (-1808) (-)

7.65

250000

200000

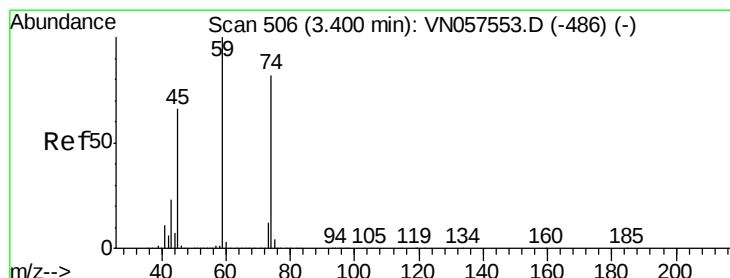
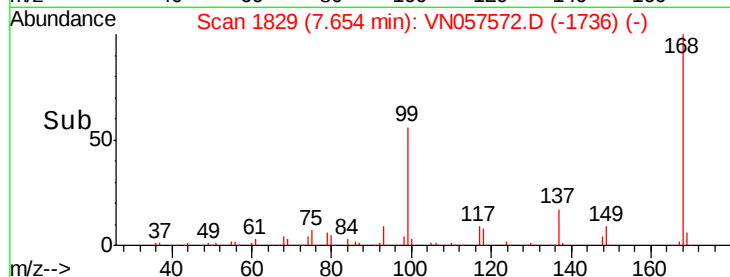
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 0.363 ug/l

RT: 3.40 min Scan# 507

Delta R.T. 0.00 min

Lab File: VN057572.D

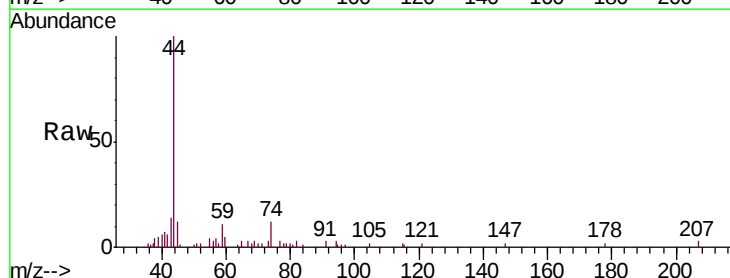
Acq: 30 Aug 2019 1:06

Tgt Ion: 74 Resp: 2380

Ion Ratio Lower Upper

74 100

45 64.5 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN057553.D (-486) (-)

Ion 45.00 (44.70 to 45.70): VN057553.D (-486) (-)

3.40

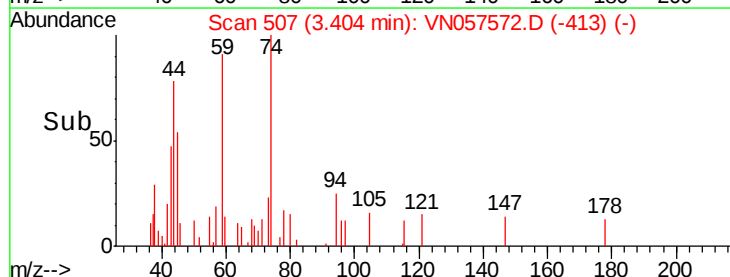
1500

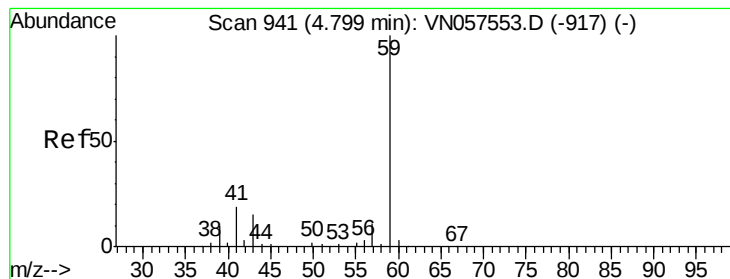
1000

500

0

Time-->





#11

Tert butyl alcohol

Concen: 3.148 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.07 min

Lab File: VN057572.D

Acq: 30 Aug 2019 1:06

Instrument :

MSVOA_N

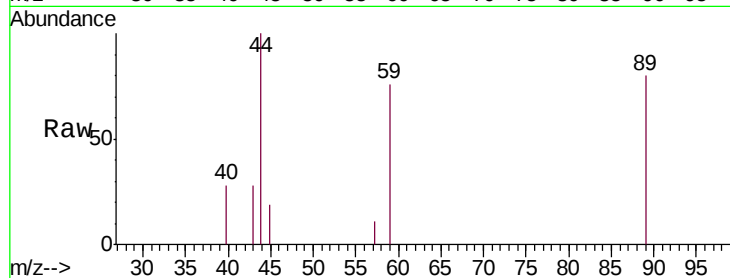
ClientSampled :

Tot Ion: 59 Resp: 2919

Ion Ratio Lower Upper

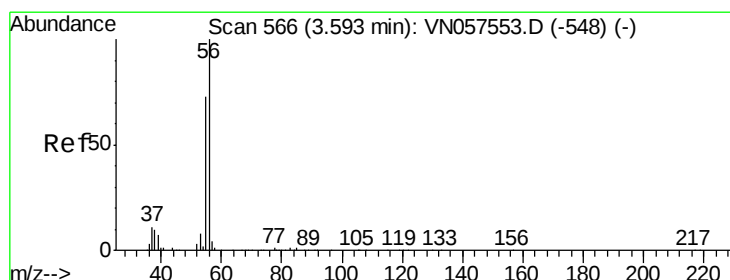
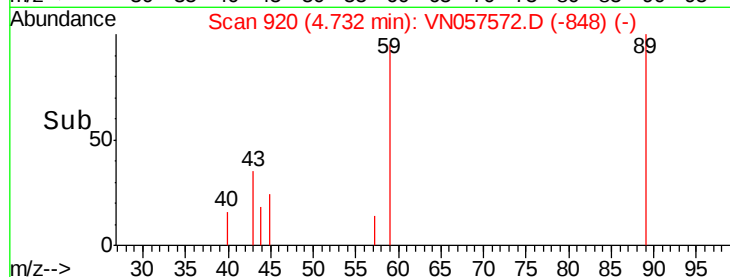
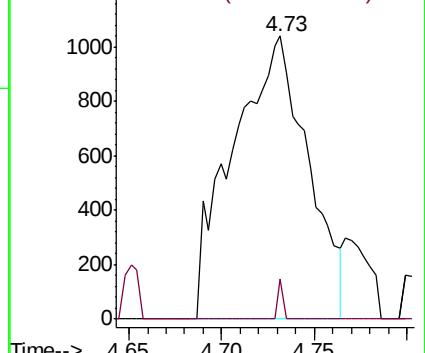
59 100

57 1.0 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#13

Acrolein

Concen: 0.338 ug/l

RT: 3.59 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN057572.D

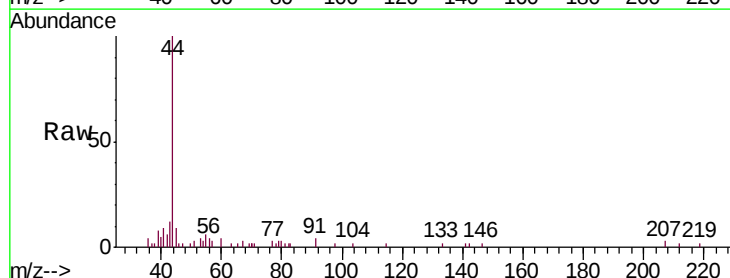
Acq: 30 Aug 2019 1:06

Tgt Ion: 56 Resp: 268

Ion Ratio Lower Upper

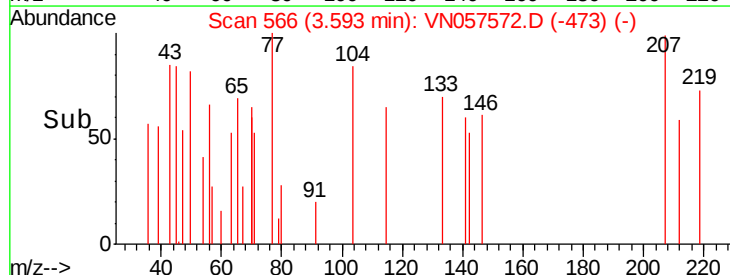
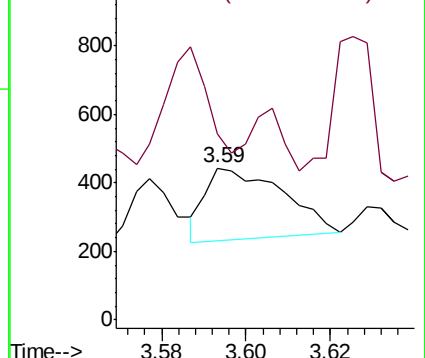
56 100

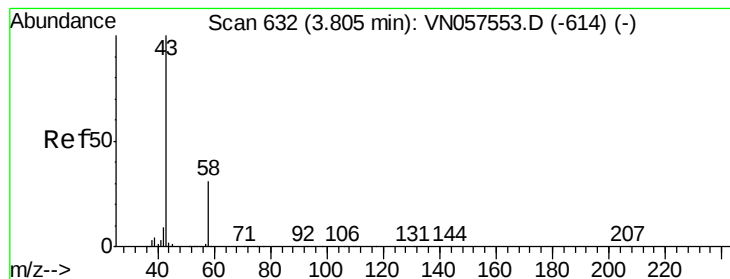
55 88.4 59.0 88.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#16

Acetone

Concen: 6.582 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN057572.D

Acq: 30 Aug 2019 1:06

Instrument :

MSVOA_N

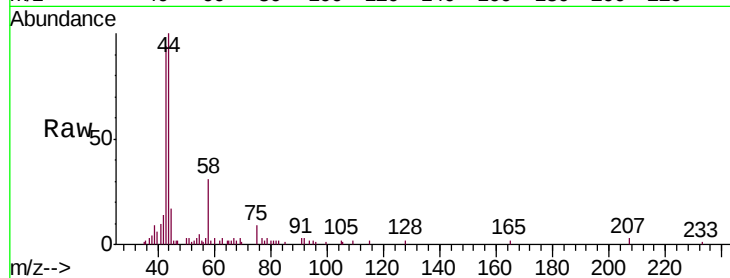
ClientSampled :

Tot Ion: 43 Resp: 25017

Ion Ratio Lower Upper

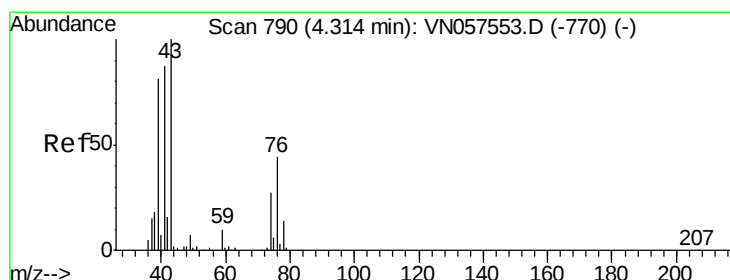
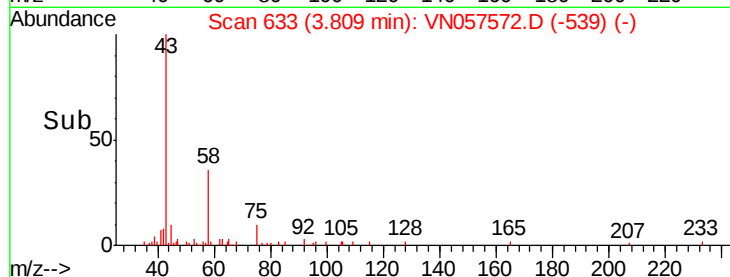
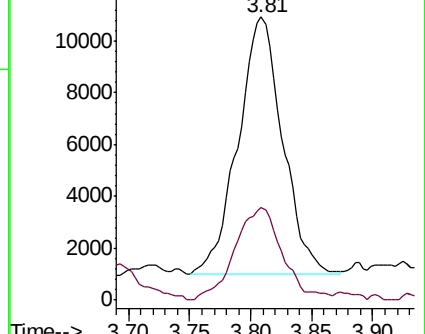
43 100

58 36.2 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN057572.D

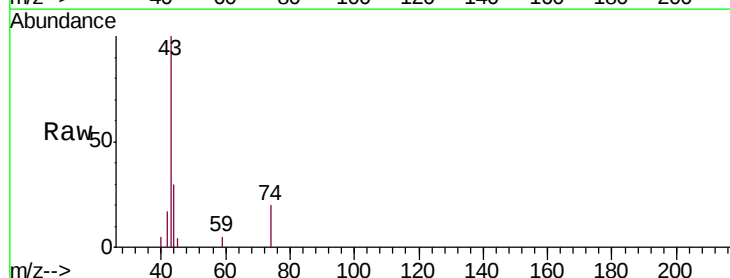
Acq: 30 Aug 2019 1:06

Tgt Ion: 43 Resp: 12213

Ion Ratio Lower Upper

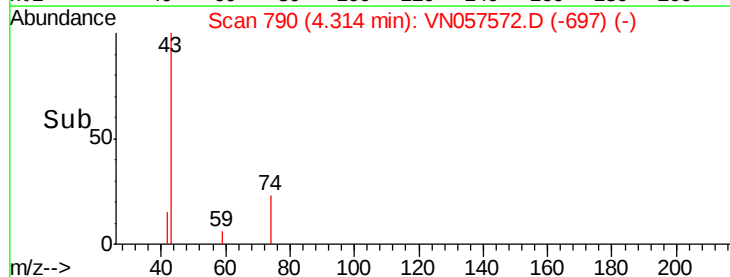
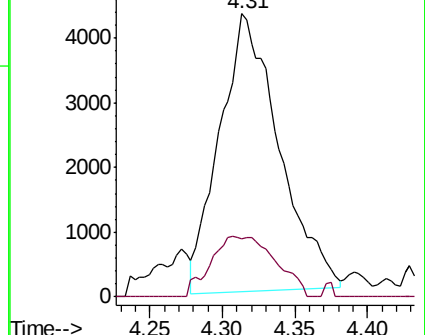
43 100

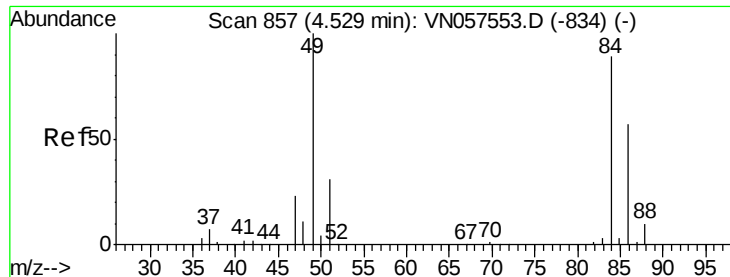
74 23.6 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

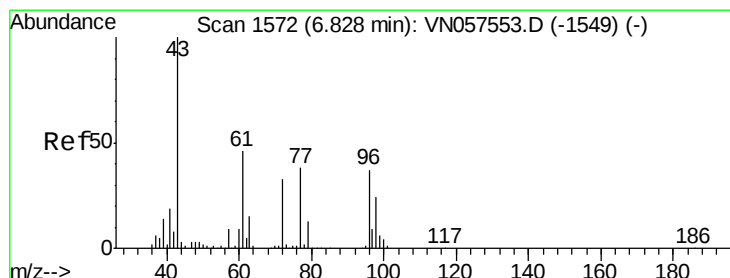
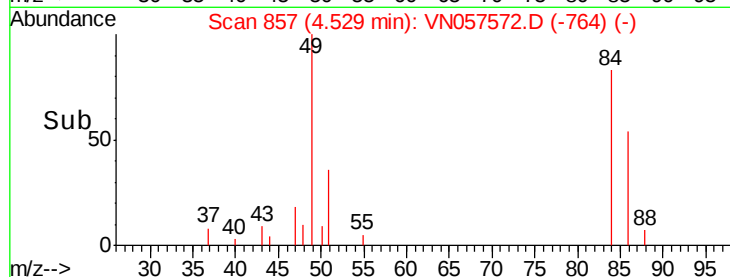
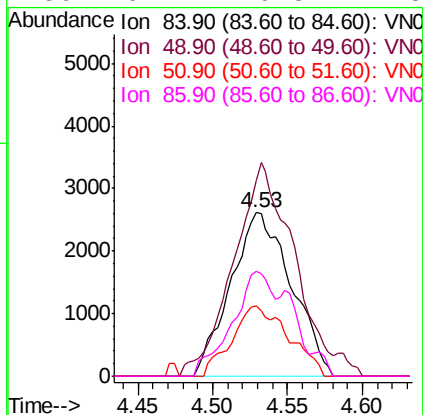
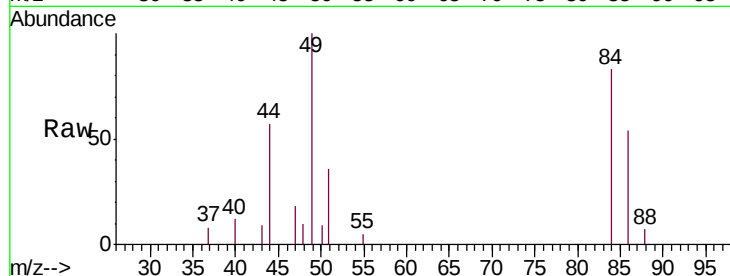




#20
Methvlene Chloride
Concen: 1.050 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN057572.D
Acq: 30 Aug 2019 1:06

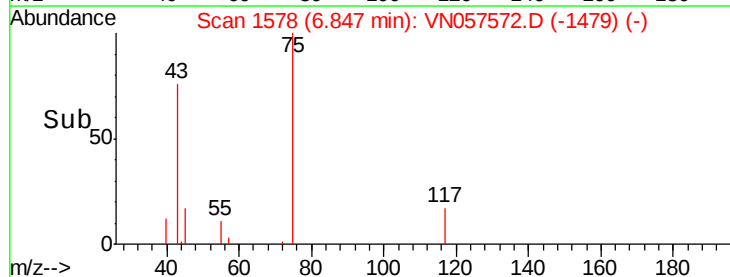
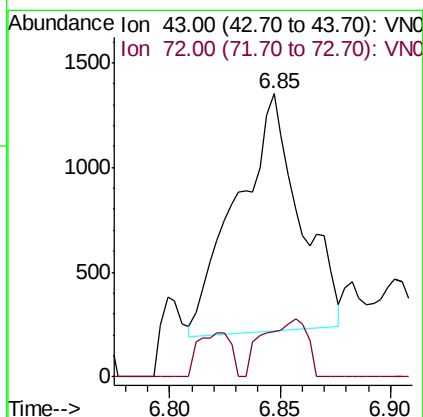
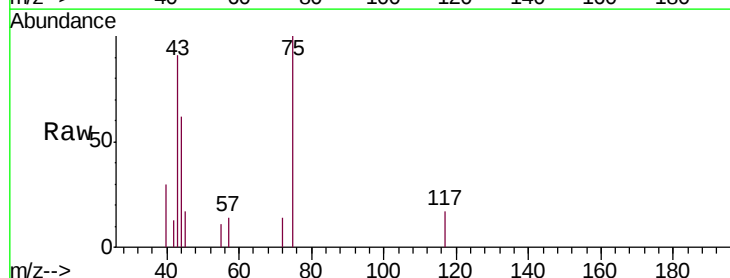
Instrument :
MSVOA_N
ClientSampled :

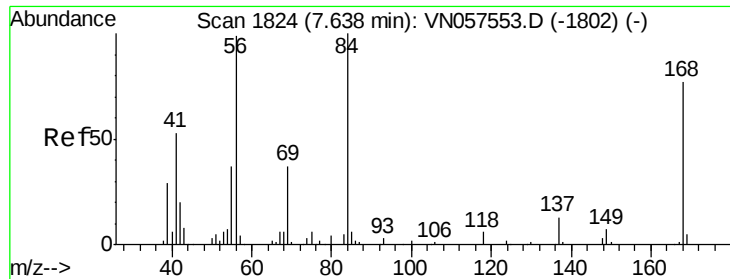
Tot Ion: 84 Resp: 7390
Ion Ratio Lower Upper
84 100
49 111.5 117.0 175.4#
51 42.7 35.5 53.3
86 64.2 49.8 74.8



#25
2-Butanone
Concen: 0.750 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.02 min
Lab File: VN057572.D
Acq: 30 Aug 2019 1:06

Tgt Ion: 43 Resp: 2250
Ion Ratio Lower Upper
43 100
72 19.3 17.8 26.8

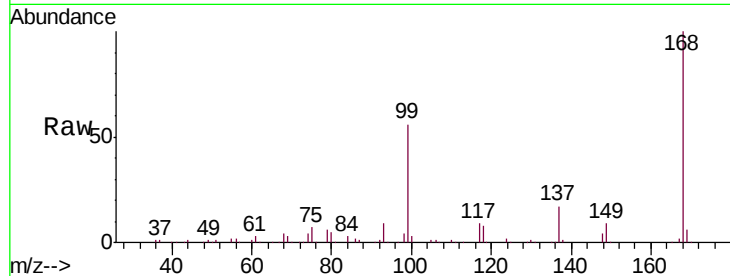




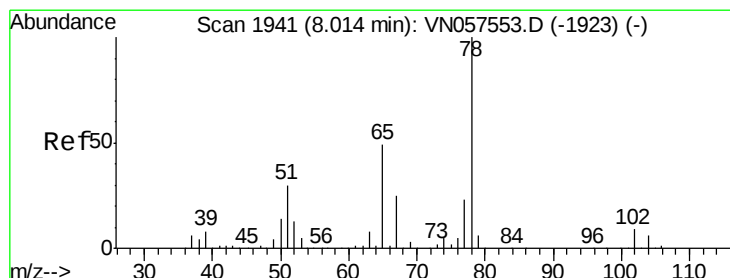
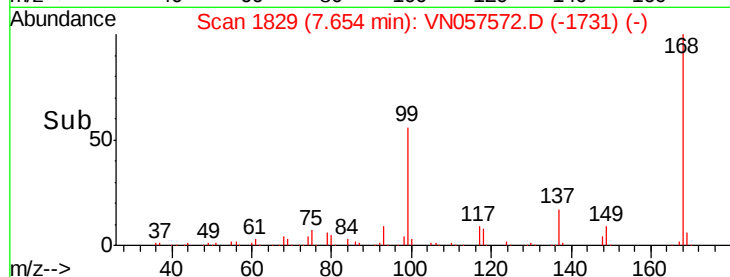
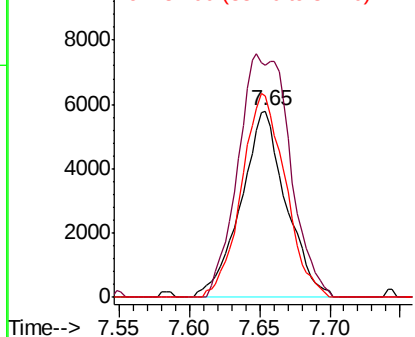
#31
Cyclohexane
Concen: 1.189 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.02 min
Lab File: VN057572.D
Acq: 30 Aug 2019 1:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 12982
Ion Ratio Lower Upper
56 100
69 124.7 25.0 37.6#
84 108.2 62.5 93.7#

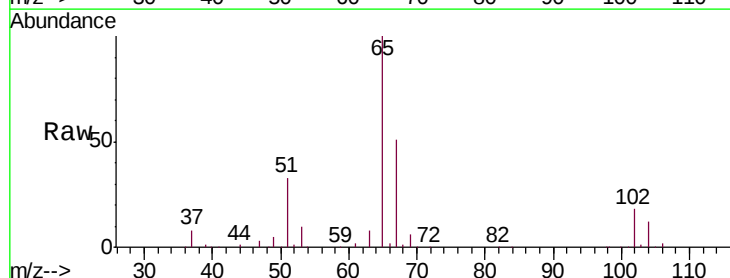


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

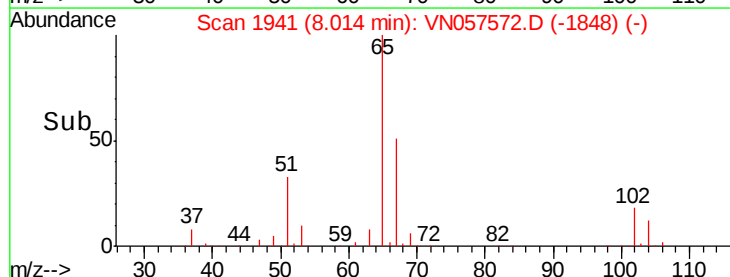
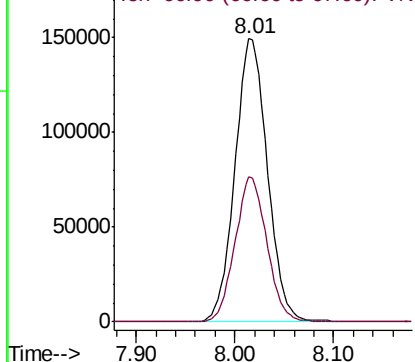


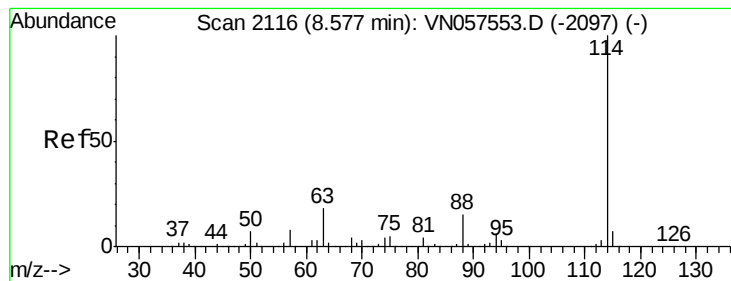
#33
1,2-Dichloroethane-d4
Concen: 37.871 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057572.D
Acq: 30 Aug 2019 1:06

Tgt Ion: 65 Resp: 342134
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.8



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: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057572.D

Acq: 30 Aug 2019 1:06

Instrument :

MSVOA_N

ClientSampled :

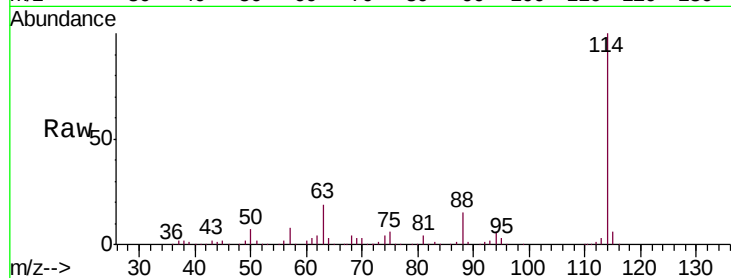
Tot Ion:114 Resp: 893231

Ion Ratio Lower Upper

114 100

63 18.7 0.0 50.2

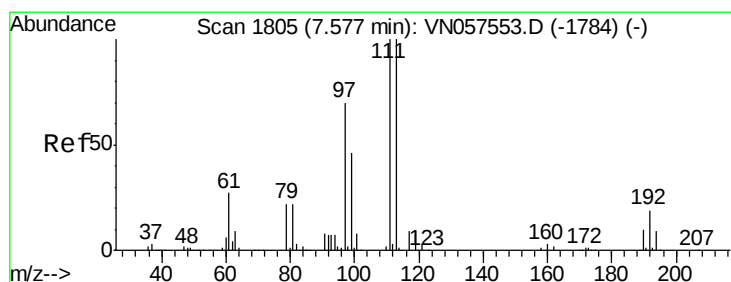
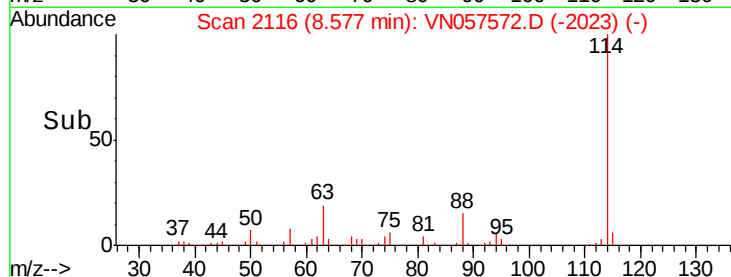
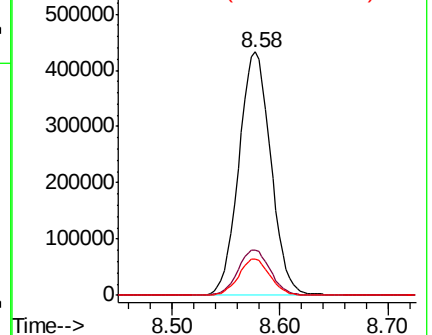
88 15.0 0.0 34.6



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: 35.844 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057572.D

Acq: 30 Aug 2019 1:06

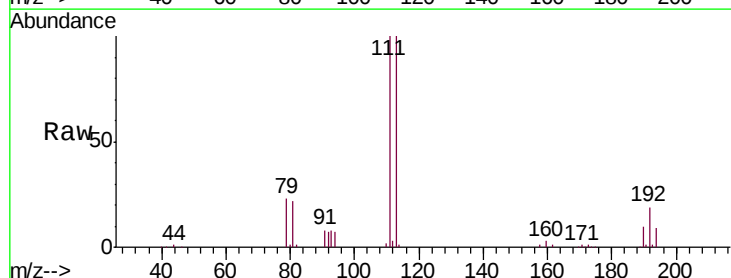
Tgt Ion:113 Resp: 277927

Ion Ratio Lower Upper

113 100

111 102.0 83.8 125.6

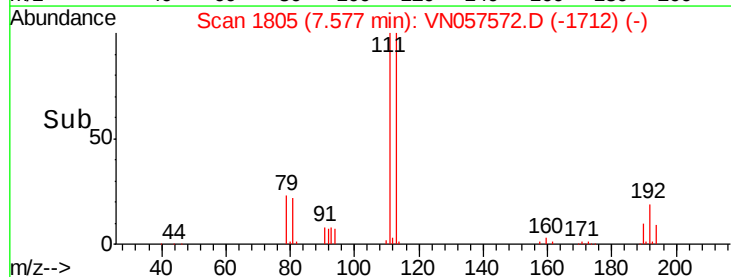
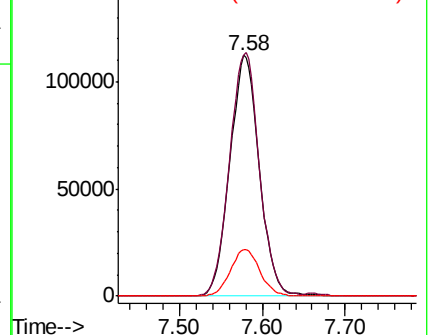
192 19.4 13.5 20.3

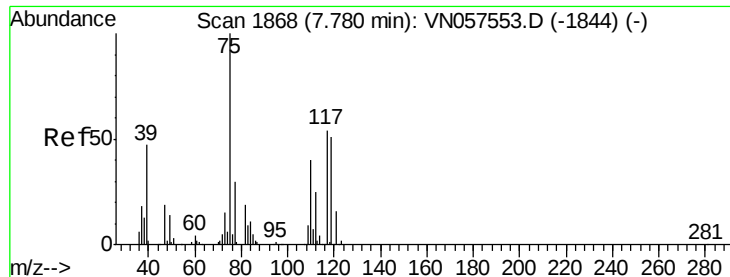


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.324 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.13 min

Lab File: VN057572.D

Acq: 30 Aug 2019 1:06

Instrument :

MSVOA_N

ClientSampleId :

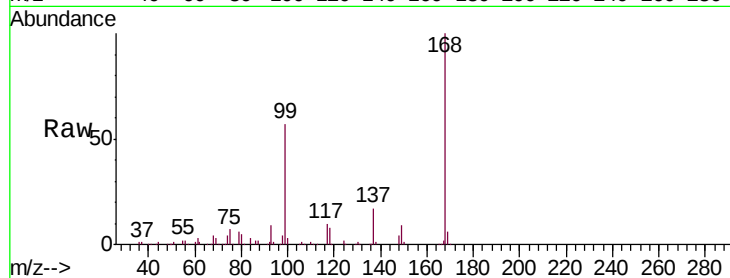
Tot Ion: 75 Resp: 41784

Ion Ratio Lower Upper

75 100

110 9.3 16.1 48.3#

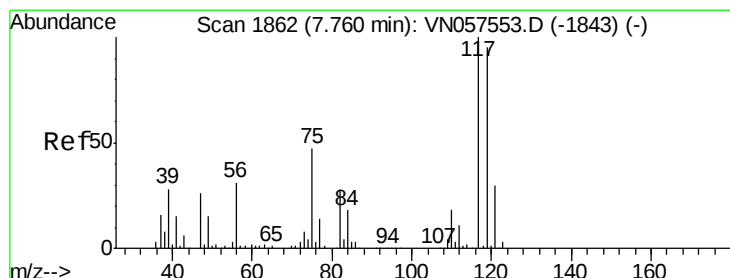
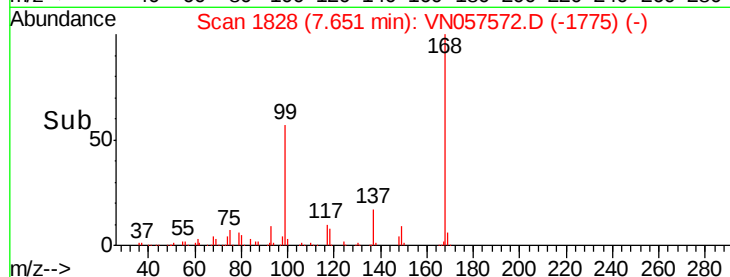
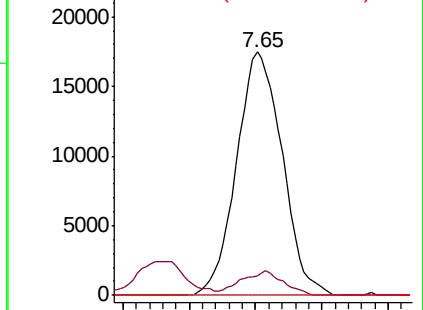
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VN057553.D (-1844) (-)

Ion 109.90 (109.60 to 110.60): VN057553.D (-1844) (-)

Ion 76.90 (76.60 to 77.60): VN057553.D (-1844) (-)



#38

Carbon Tetrachloride

Concen: 4.759 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN057572.D

Acq: 30 Aug 2019 1:06

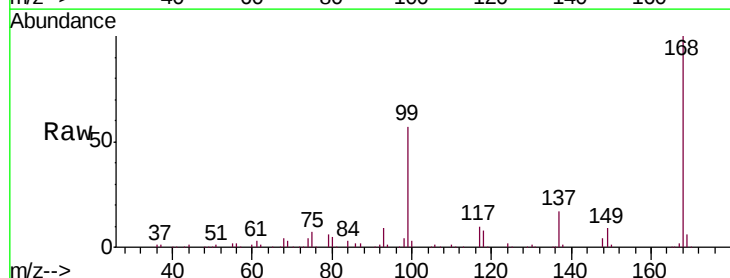
Tgt Ion: 117 Resp: 53771

Ion Ratio Lower Upper

117 100

119 4.6 76.2 114.4#

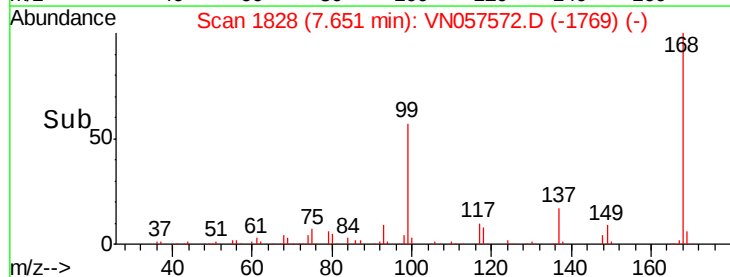
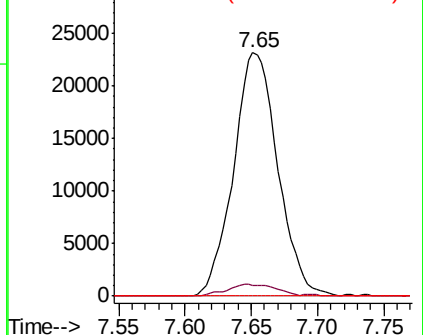
121 0.0 23.8 35.6#

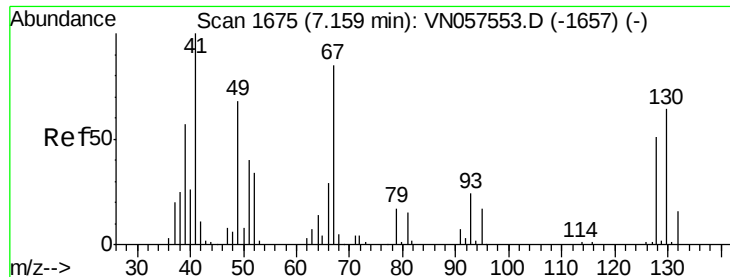


Abundance Ion 116.80 (116.50 to 117.50): VN057553.D (-1843) (-)

Ion 118.80 (118.50 to 119.50): VN057553.D (-1843) (-)

Ion 120.80 (120.50 to 121.50): VN057553.D (-1843) (-)

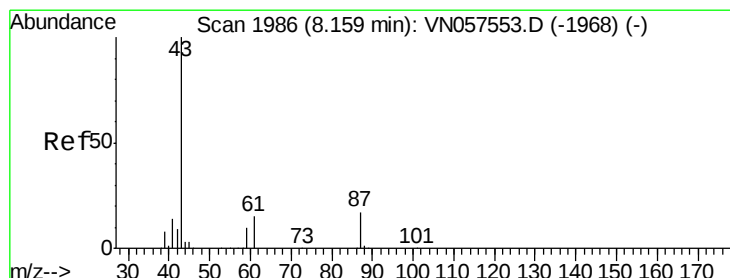
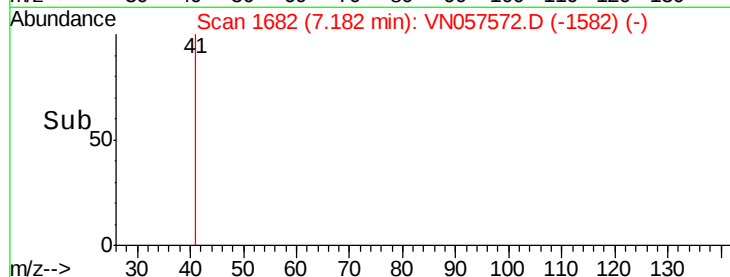
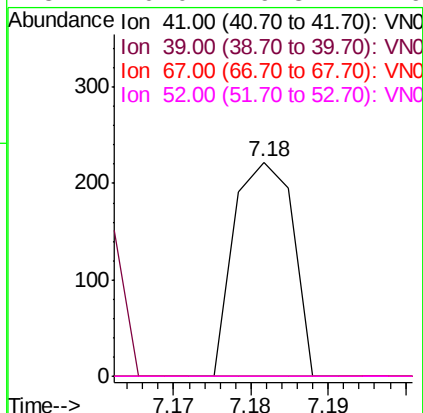
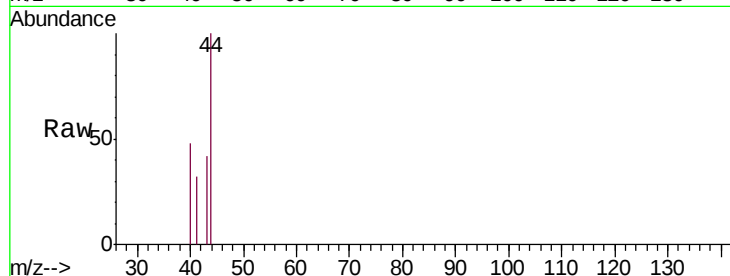




#41
Methacrylonitrile
Concen: 1.306 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.02 min
Lab File: VN057572.D
Acq: 30 Aug 2019 1:06

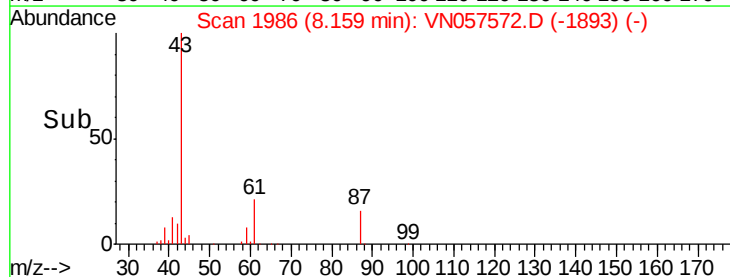
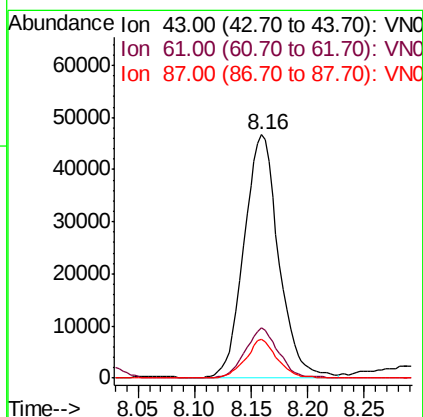
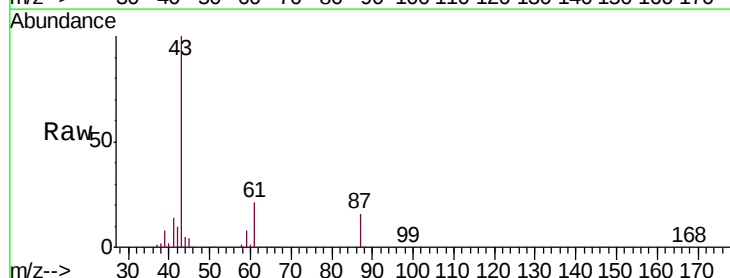
Instrument :
MSVOA_N
ClientSampleId :

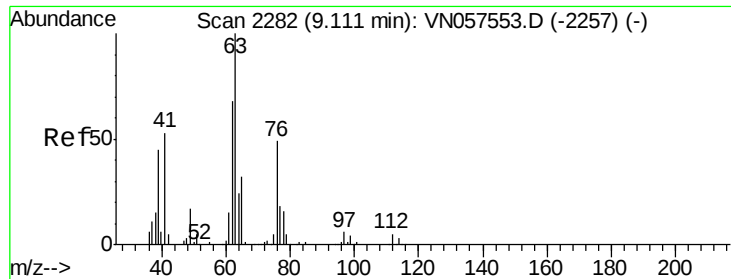
Tot Ion: 41 Resp: 118
Ion Ratio Lower Upper
41 100
39 0.0 53.6 80.4#
67 0.0 65.4 98.2#
52 0.0 29.8 44.6#



#43
Isopropyl Acetate
Concen: 8.368 ug/l
RT: 8.16 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN057572.D
Acq: 30 Aug 2019 1:06

Tgt Ion: 43 Resp: 99993
Ion Ratio Lower Upper
43 100
61 19.5 14.5 21.7
87 14.4 8.6 12.8#





#45

1,2-Dichloropropane

Concen: 0.259 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.15 min

Lab File: VN057572.D

Acq: 30 Aug 2019 1:06

Instrument :

MSVOA_N

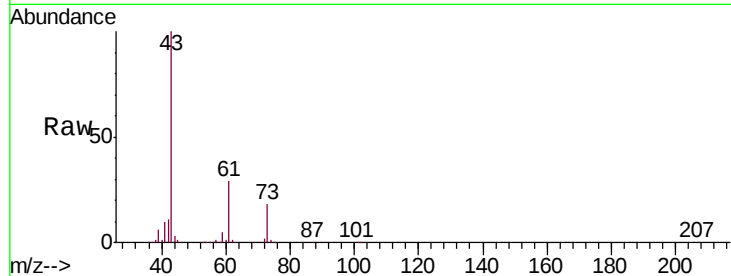
ClientSampleId :

Tot Ion: 63 Resp: 1793

Ion Ratio Lower Upper

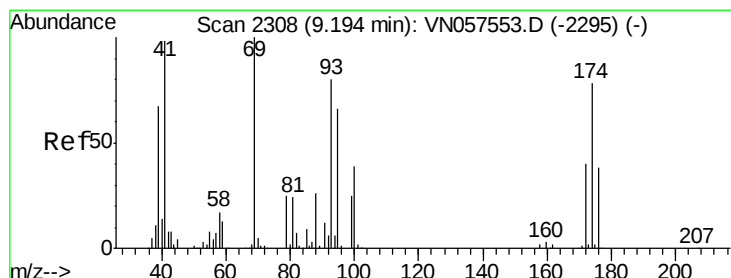
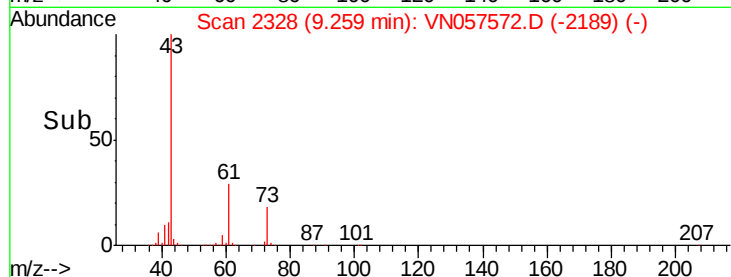
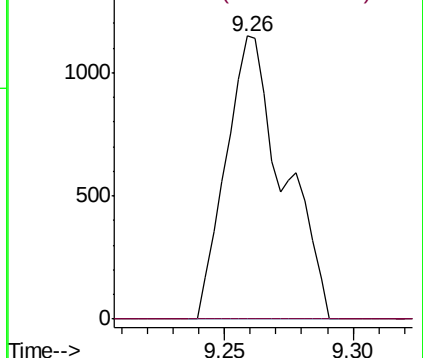
63 100

65 0.0 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#48

Methyl methacrylate

Concen: 28.679 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.07 min

Lab File: VN057572.D

Acq: 30 Aug 2019 1:06

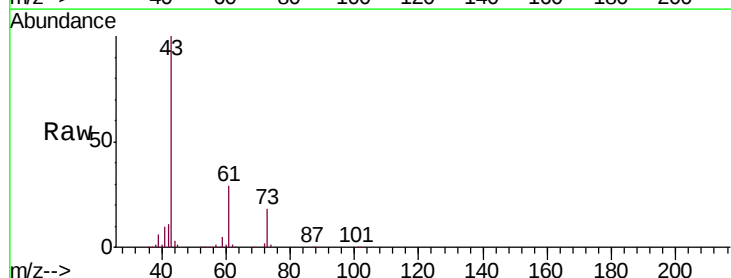
Tgt Ion: 41 Resp: 161855

Ion Ratio Lower Upper

41 100

69 0.2 59.3 88.9#

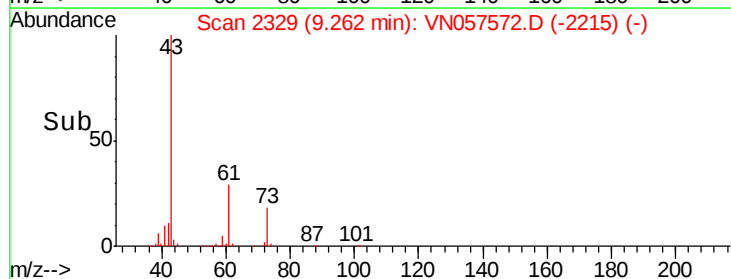
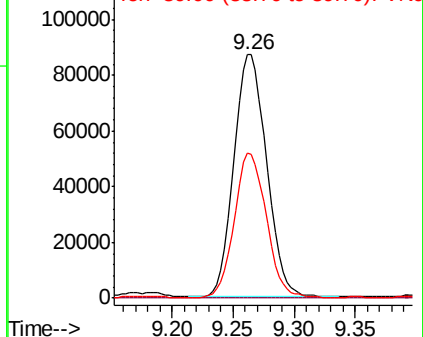
39 58.0 50.6 75.8

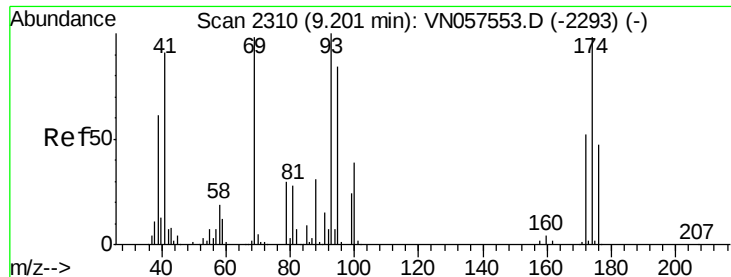


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#49

1,4-Dioxane

Concen: 1.524 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.06 min

Lab File: VN057572.D

Acq: 30 Aug 2019 1:06

Instrument :

MSVOA_N

ClientSampleId :

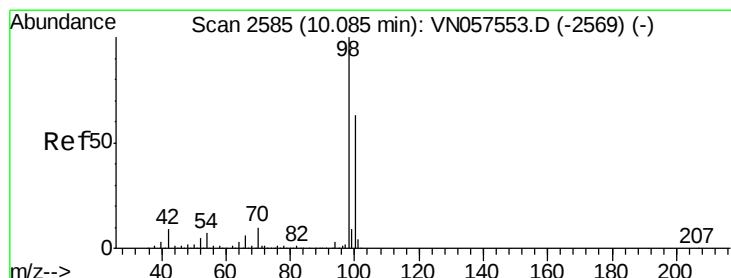
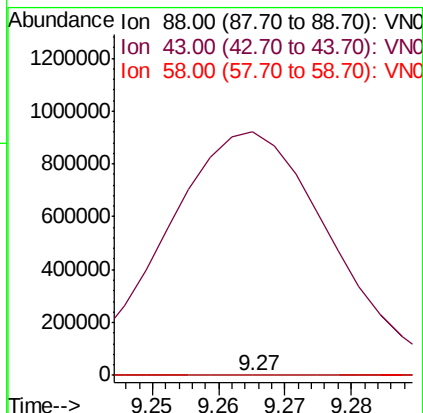
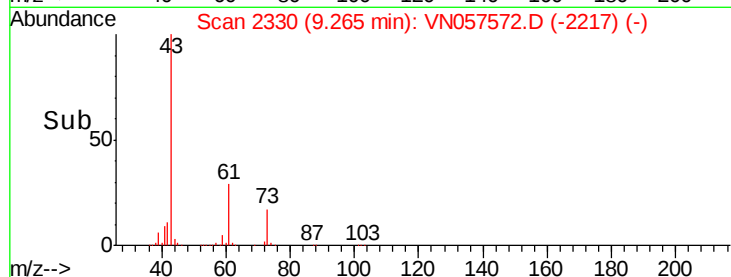
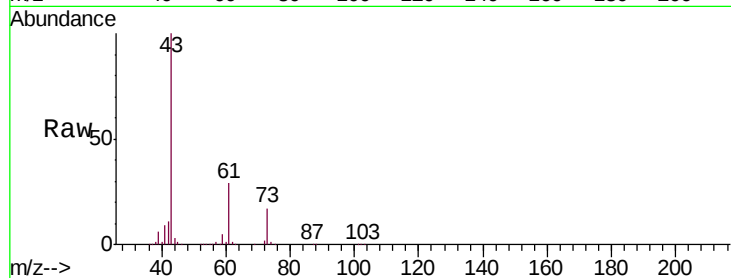
Tot Ion: 88 Resp: 157

Ion Ratio Lower Upper

88 100

43 1060331.2 31.0 46.6#

58 4540.8 64.5 96.7#



#50

Toluene-d8

Concen: 39.139 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057572.D

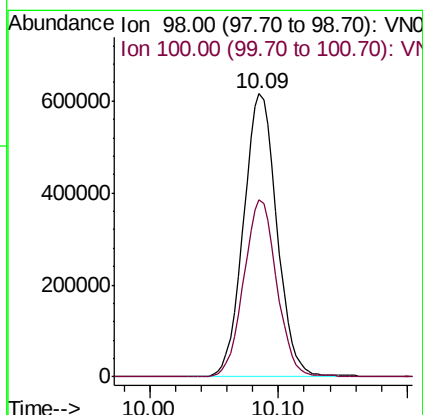
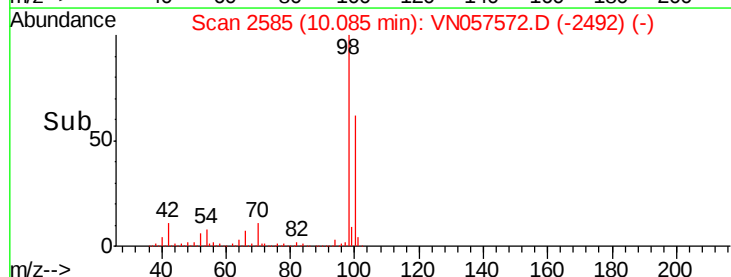
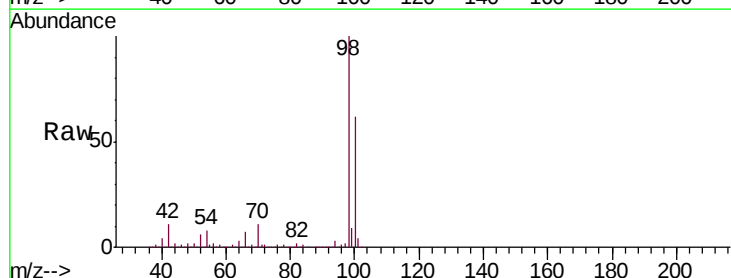
Acq: 30 Aug 2019 1:06

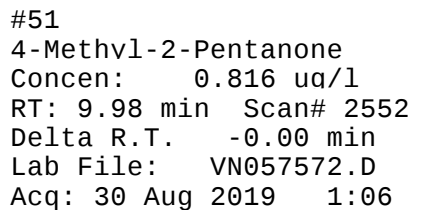
Tgt Ion: 98 Resp: 1109143

Ion Ratio Lower Upper

98 100

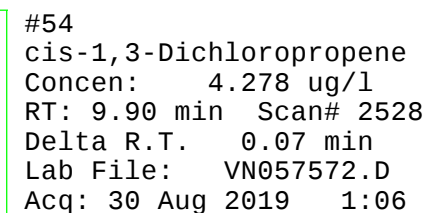
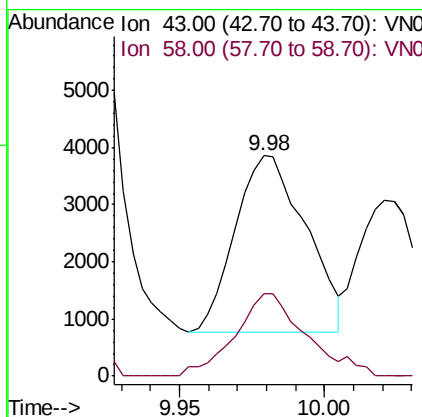
100 62.0 50.4 75.6



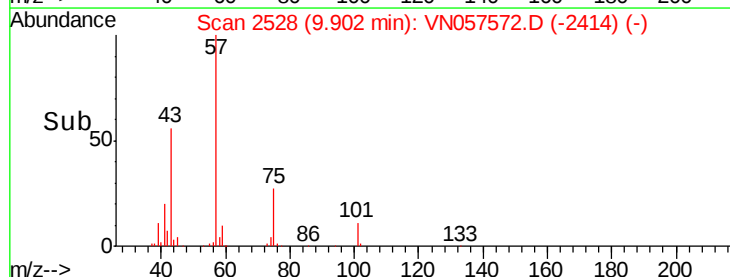
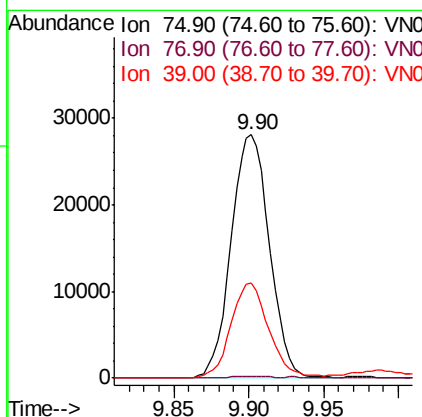


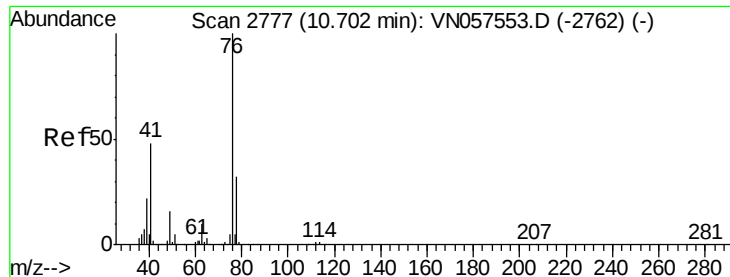
Instrument :
MSVOA_N
ClientSampleId :

Tot	Ion: 43	Resp:	5213
Ion	Ratio	Lower	Upper
43	100		
58	46.8	27.9	41.9#



Tgt	Ion: 75	Resp:	50054
Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.0	37.6#
39	39.2	49.2	73.8#





#57

1,3-Dichloropropane

Concen: 0.758 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN057572.D

Acq: 30 Aug 2019 1:06

Instrument :

MSVOA_N

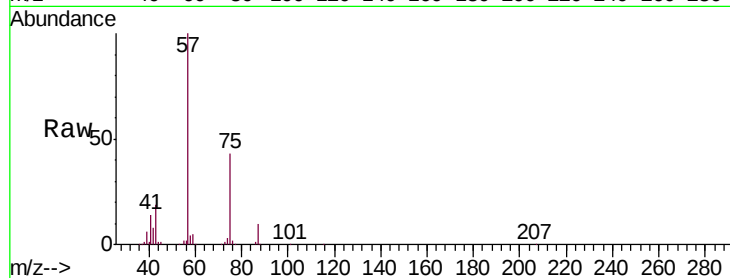
ClientSampleId :

Tot Ion: 76 Resp: 8926

Ion Ratio Lower Upper

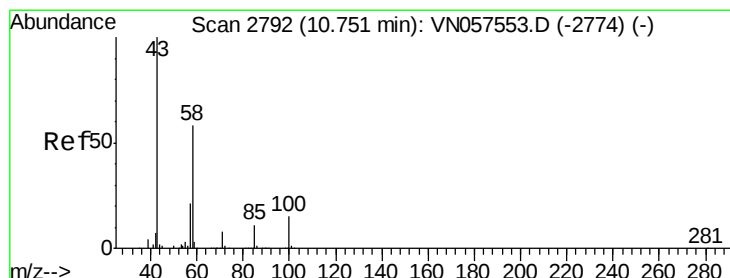
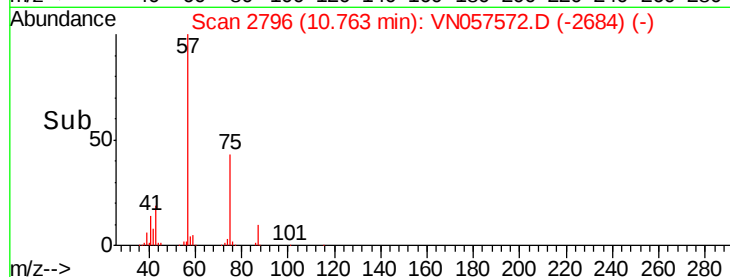
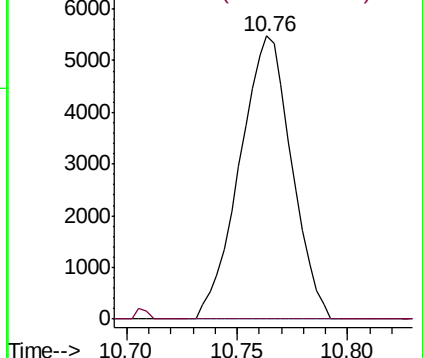
76 100

78 0.0 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VN057553.D (-2762) (-)

Ion 77.90 (77.60 to 78.60): VN057553.D (-2762) (-)



#59

2-Hexanone

Concen: 23.154 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN057572.D

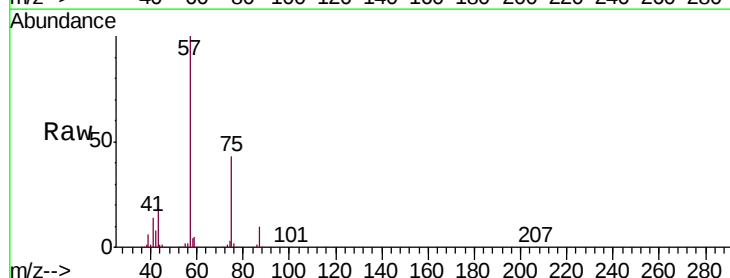
Acq: 30 Aug 2019 1:06

Tgt Ion: 43 Resp: 102096

Ion Ratio Lower Upper

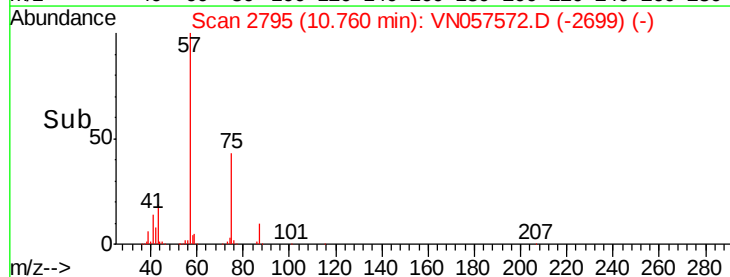
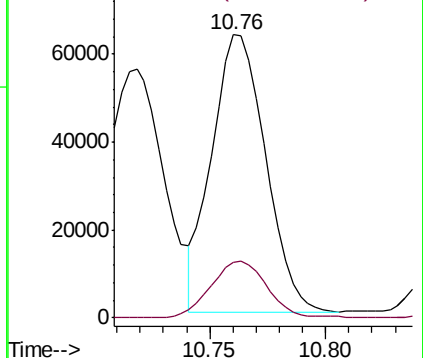
43 100

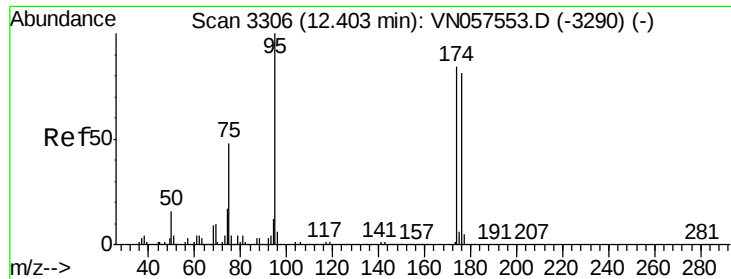
58 21.6 24.6 73.6#



Abundance Ion 43.00 (42.70 to 43.70): VN057553.D (-2774) (-)

Ion 58.00 (57.70 to 58.70): VN057553.D (-2774) (-)

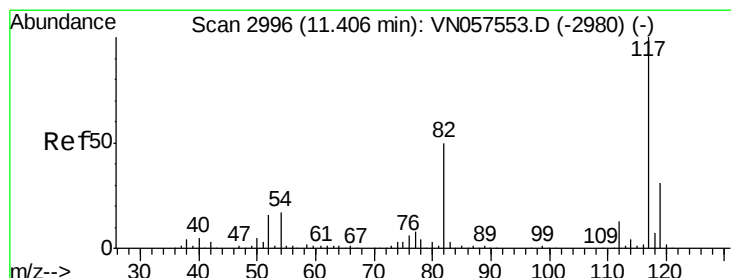
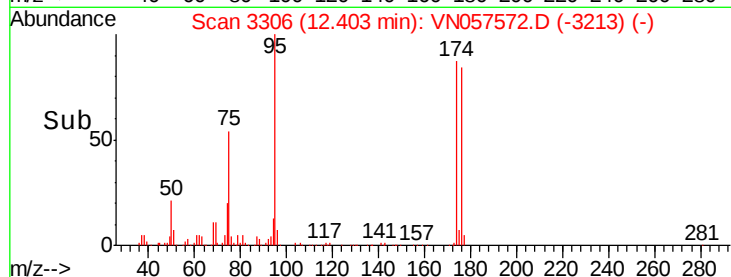
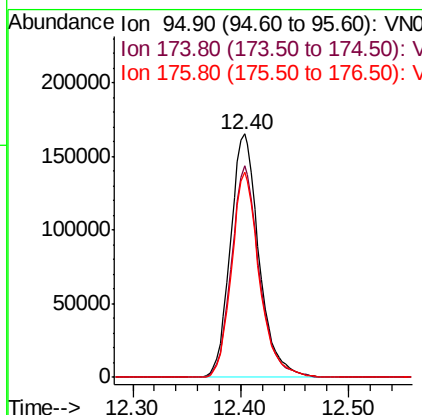
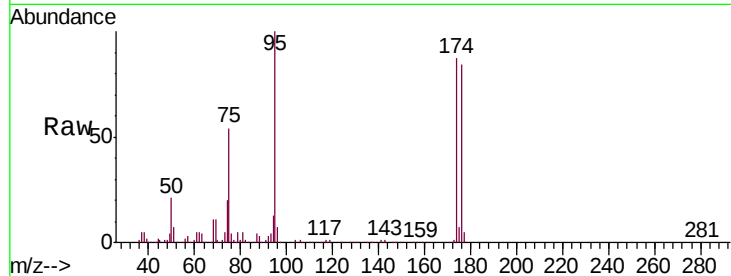




#62
4-Bromofluorobenzene
Concen: 31.934 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057572.D
Acq: 30 Aug 2019 1:06

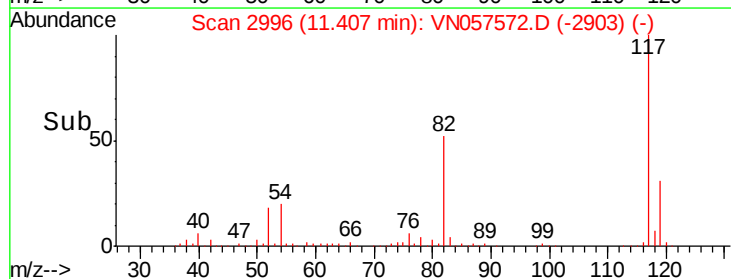
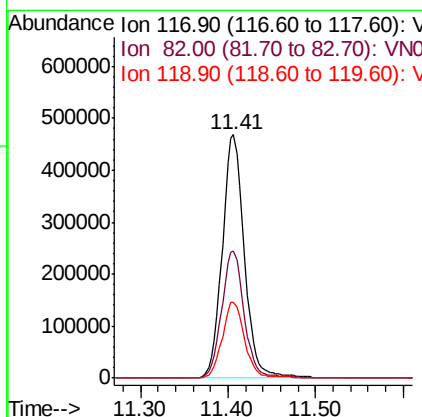
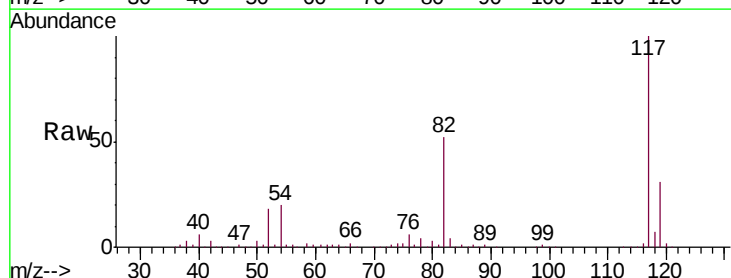
Instrument :
MSVOA_N
ClientSampleId :

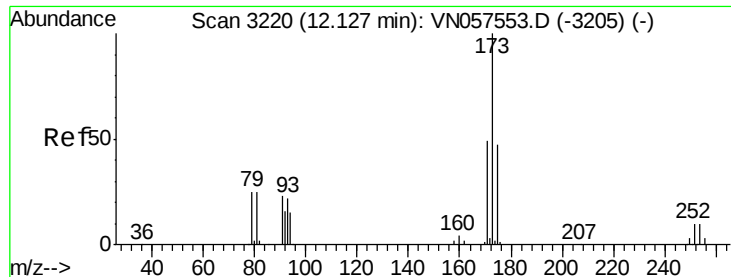
Tot Ion	95	Resp	306218
Ion Ratio	Lower	Upper	
95	100		
174	84.6	0.0	133.0
176	81.6	0.0	130.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057572.D
Acq: 30 Aug 2019 1:06

Tgt Ion	117	Resp	821450
Ion Ratio	Lower	Upper	
117	100		
82	52.3	50.6	75.8
119	31.4	24.6	36.8





#71

Bromoform

Concen: 0.393 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN057572.D

Acq: 30 Aug 2019 1:06

Instrument :

MSVOA_N

ClientSampleId :

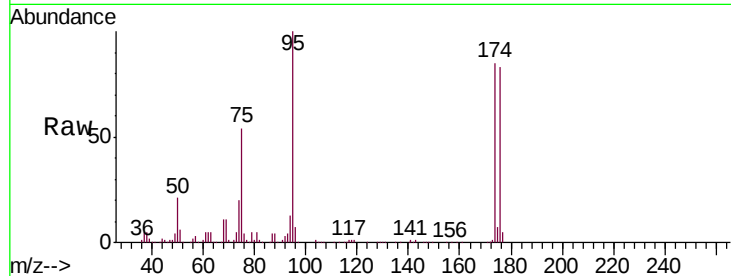
Tot Ion:173 Resp: 2133

Ion Ratio Lower Upper

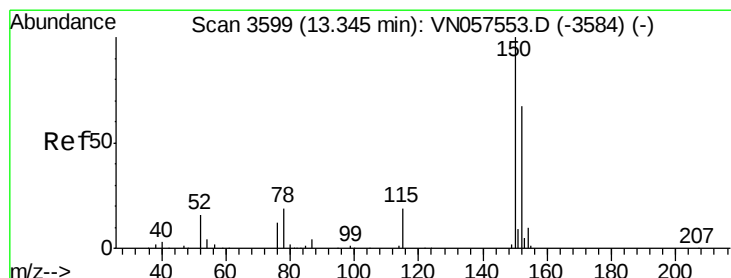
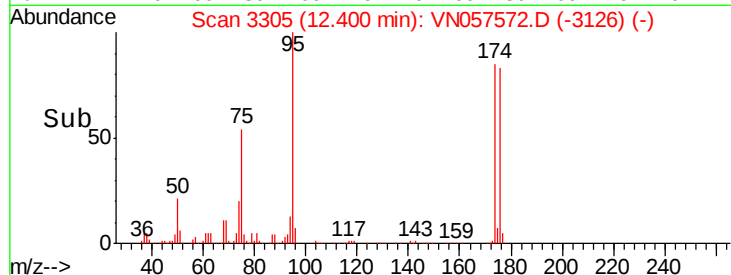
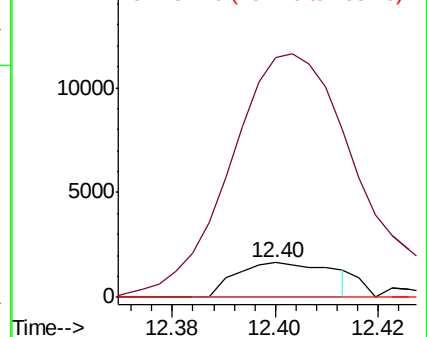
173 100

175 763.9 23.9 71.8#

254 0.0 0.1 0.1#



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: VN057572.D

Acq: 30 Aug 2019 1:06

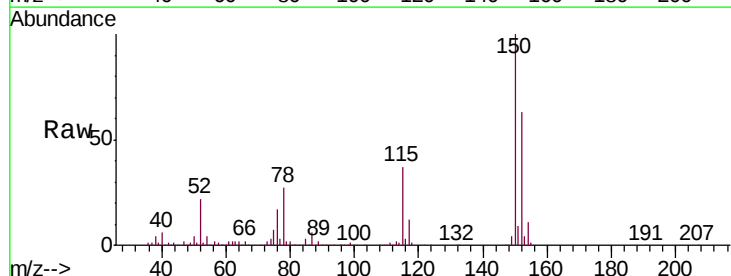
Tgt Ion:152 Resp: 215529

Ion Ratio Lower Upper

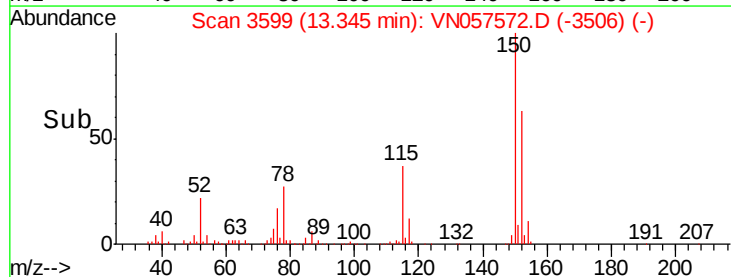
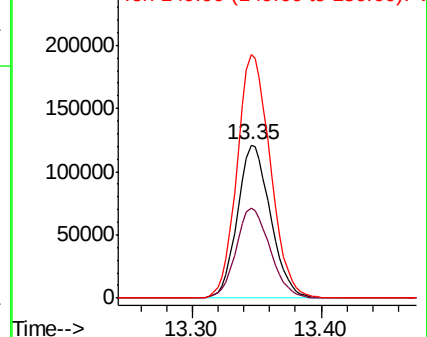
152 100

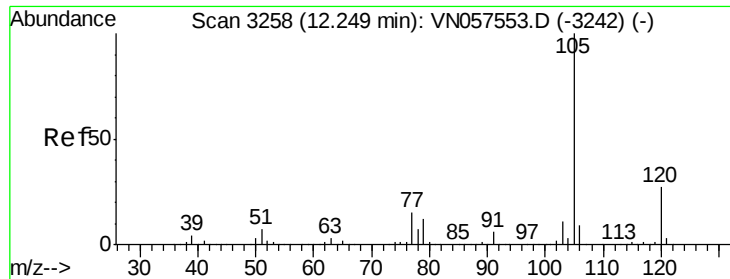
115 60.3 32.0 96.0

150 160.3 0.0 346.6



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: 12.26 min Scan# 3261

Delta R.T. 0.01 min

Lab File: VN057572.D

Acq: 30 Aug 2019 1:06

Instrument :

MSVOA_N

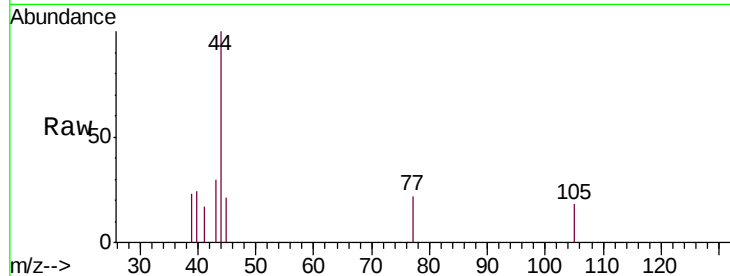
ClientSampleId :

Tot Ion:105 Resp: 33

Ion Ratio Lower Upper

105 100

120 0.0 12.7 38.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.26

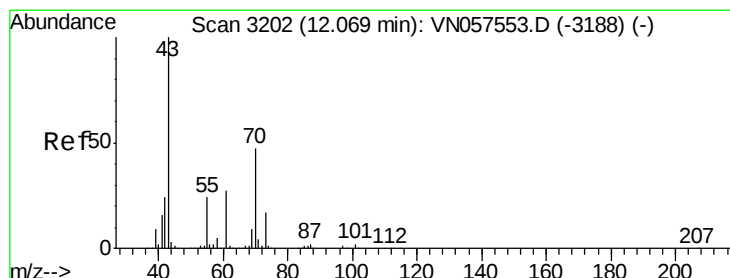
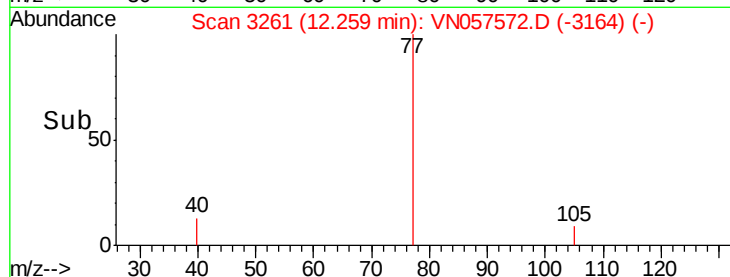
150

100

50

0

Time-->



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057572.D

Acq: 30 Aug 2019 1:06

Tgt Ion: 43 Resp: 5523

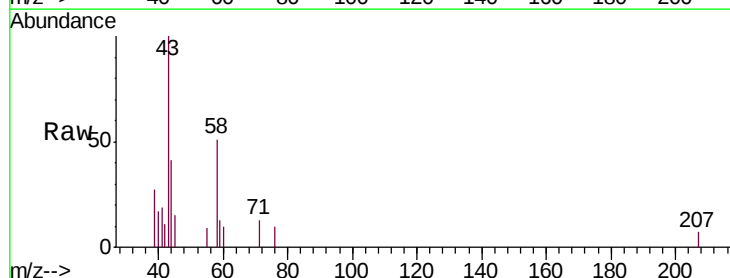
Ion Ratio Lower Upper

43 100

70 0.0 27.8 41.6#

55 5.9 17.0 25.4#

61 0.0 17.0 25.6#



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

12.03

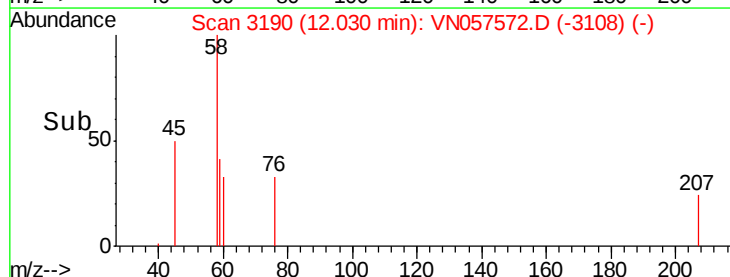
3000

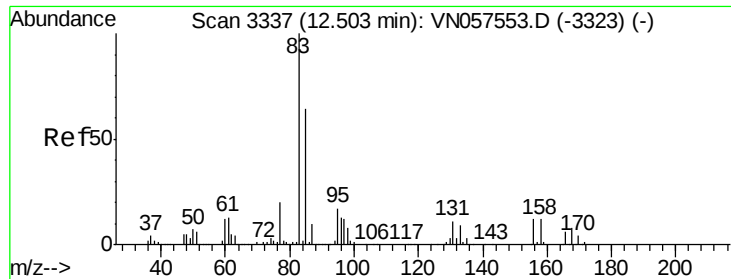
2000

1000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.49 min Scan# 3332

Delta R.T. -0.02 min

Lab File: VN057572.D

Acq: 30 Aug 2019 1:06

Instrument :

MSVOA_N

ClientSampled :

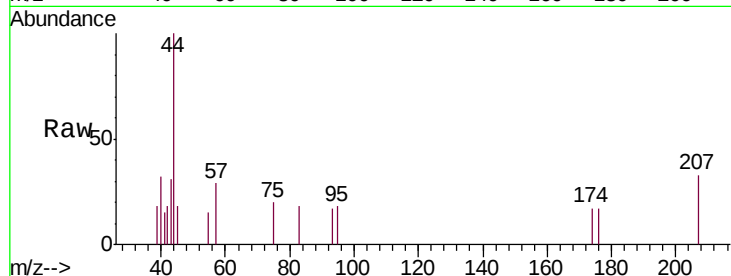
Tot Ion: 83 Resp: 63

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

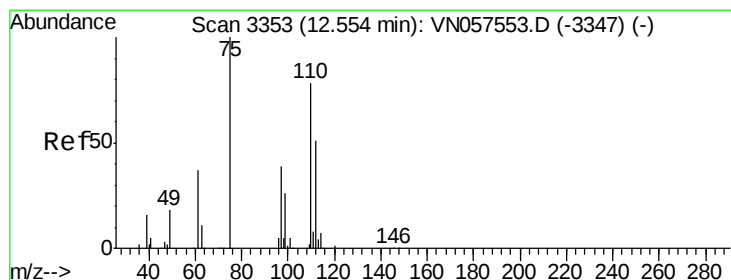
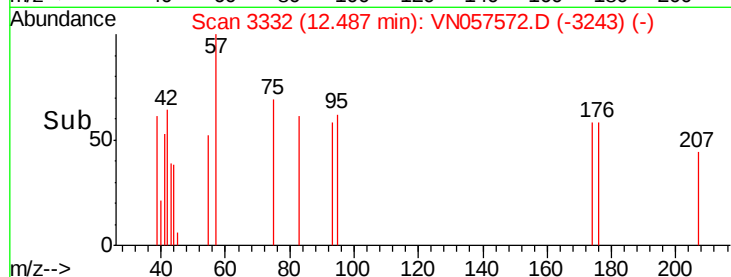
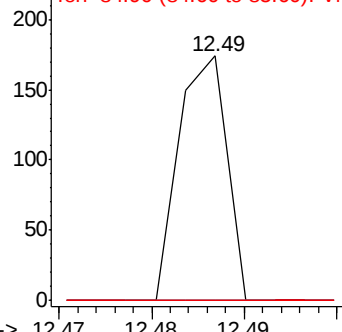
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 39.998 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057572.D

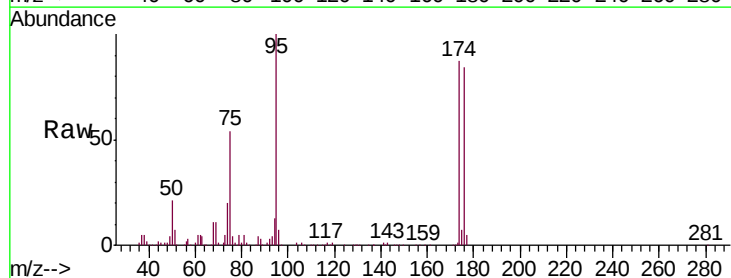
Acq: 30 Aug 2019 1:06

Tgt Ion: 75 Resp: 161181

Ion Ratio Lower Upper

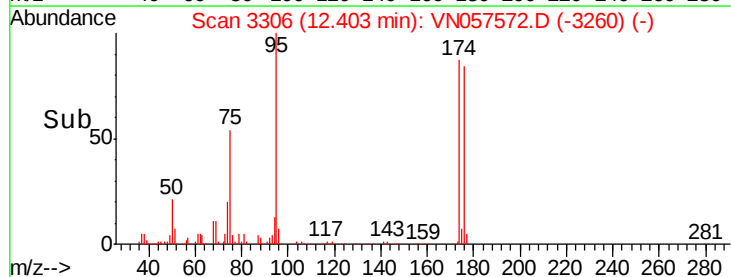
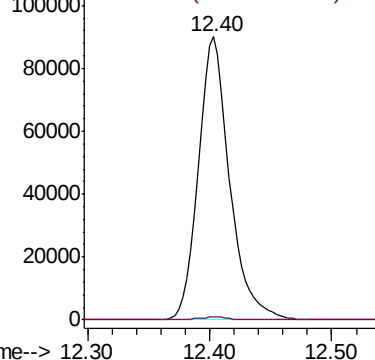
75 100

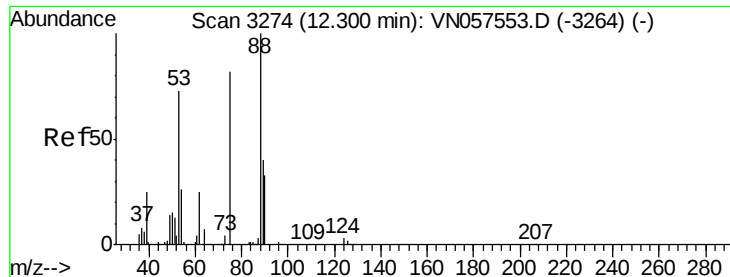
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 112.449 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057572.D

Acq: 30 Aug 2019 1:06

Instrument :

MSVOA_N

ClientSampled :

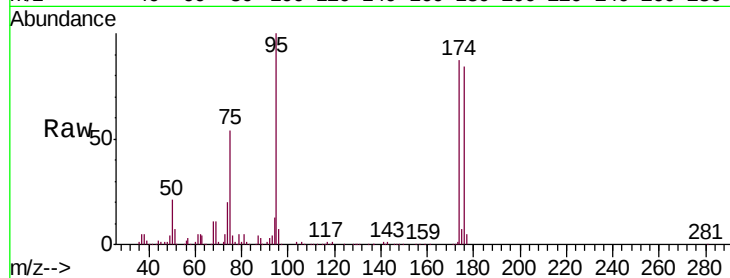
Tot Ion: 75 Resp: 161181

Ion Ratio Lower Upper

75 100

53 0.0 82.7 124.1#

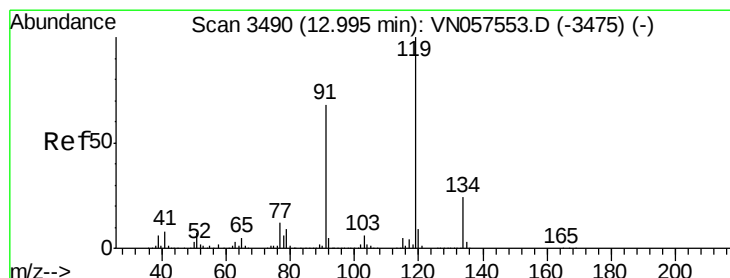
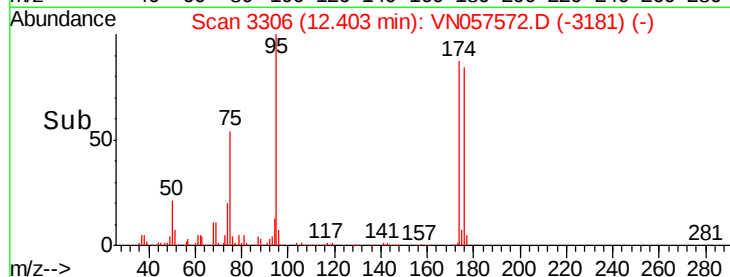
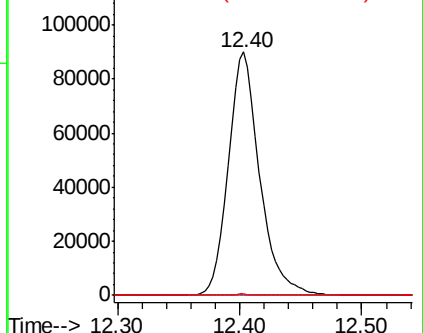
89 0.1 35.8 53.8#



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: 13.00 min Scan# 3491

Delta R.T. 0.00 min

Lab File: VN057572.D

Acq: 30 Aug 2019 1:06

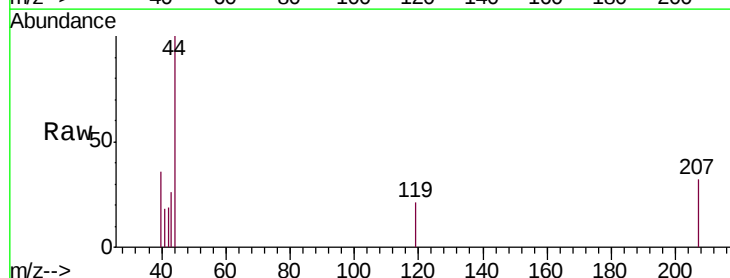
Tgt Ion: 119 Resp: 117

Ion Ratio Lower Upper

119 100

91 0.0 37.0 111.0#

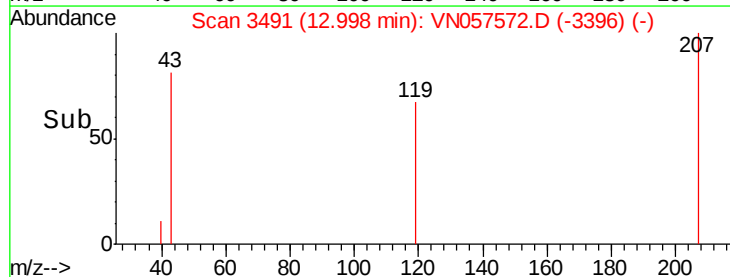
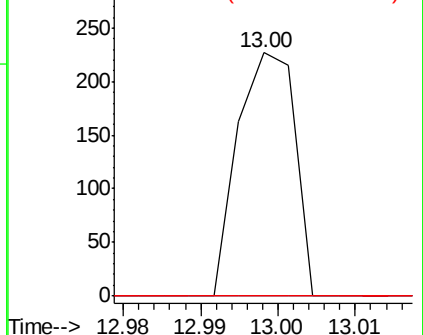
134 0.0 12.2 36.6#

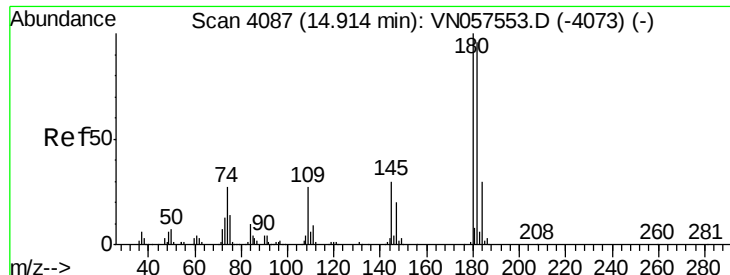


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V

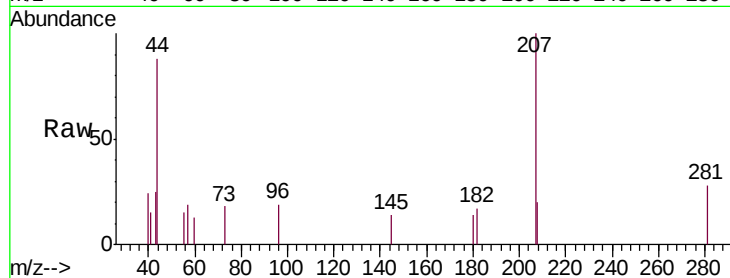




#93
 1,2,4-Trichlorobenzene
 Concen: 3.793 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN057572.D
 Acq: 30 Aug 2019 1:06

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 32
 Ion Ratio Lower Upper
 180 100
 182 1053.1 46.7 140.1#
 145 393.8 15.6 46.8#



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

