

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081819\
 Data File : VN057372.D
 Acq On : 16 Aug 2019 22:49
 Operator : JC/SP
 Sample : K4356-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Aug 17 03:47:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1095356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1521300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1276444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	332861	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	497776	41.80	ug/l	0.00
Spiked Amount			Recovery	=	83.60%	
35) Dibromofluoromethane	7.58	113	460171	46.14	ug/l	0.00
Spiked Amount			Recovery	=	92.28%	
50) Toluene-d8	10.09	98	1769992	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
62) 4-Bromofluorobenzene	12.40	95	471597	36.59	ug/l	0.00
Spiked Amount			Recovery	=	73.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	2985	0.483	ug/l	66
11) Tert butyl alcohol	4.73	59	3900	2.304	ug/l #	73
16) Acetone	3.81	43	88924	21.527	ug/l	97
17) Carbon Disulfide	4.05	76	7610	0.294	ug/l	97
18) Methyl Acetate	4.32	43	25667	Below Cal		97
20) Methylene Chloride	4.55	84	28718	2.485	ug/l	85
25) 2-Butanone	6.82	43	35015	5.854	ug/l	97
31) Cyclohexane	7.66	56	15635	0.964	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	65012	4.840	ug/l #	48
37) Ethyl Acetate	6.82	43	35015	3.183	ug/l #	67
38) Carbon Tetrachloride	7.66	117	92787	6.648	ug/l #	15
43) Isopropyl Acetate	8.16	43	178810	7.939	ug/l #	82
45) 1,2-Dichloropropane	9.26	63	2658	0.251	ug/l #	44
48) Methyl methacrylate	9.18	41	7683	0.848	ug/l #	11
49) 1,4-Dioxane	9.27	88	253	1.328	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	8741	0.770	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	63293	3.791	ug/l #	59
57) 1,3-Dichloropropane	10.76	76	10568	0.629	ug/l #	43
59) 2-Hexanone	10.76	43	121219	14.856	ug/l #	50
71) Bromoform	12.40	173	4391	0.558	ug/l #	1
73) Isopropylbenzene	12.26	105	281	Below Cal	#	49
74) N-amyl acetate	12.03	43	3552	0.368	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.40	83	91	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	217447	32.525	ug/l #	100
79) 2-Chlorotoluene	12.68	91	139	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	1917	Below Cal	#	62
81) trans-1,4-Dichloro-2-buten	12.40	75	217447	79.658	ug/l #	15
83) tert-Butylbenzene	13.00	119	126	Below Cal	#	58
85) sec-Butylbenzene	13.17	105	210	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.92	180	175	5.392	ug/l #	1
94) Hexachlorobutadiene	15.00	225	30	Below Cal	#	20
95) Naphthalene	15.13	128	676	Below Cal	#	69
96) 1,2,3-Trichlorobenzene	15.30	180	298	Below Cal	#	55

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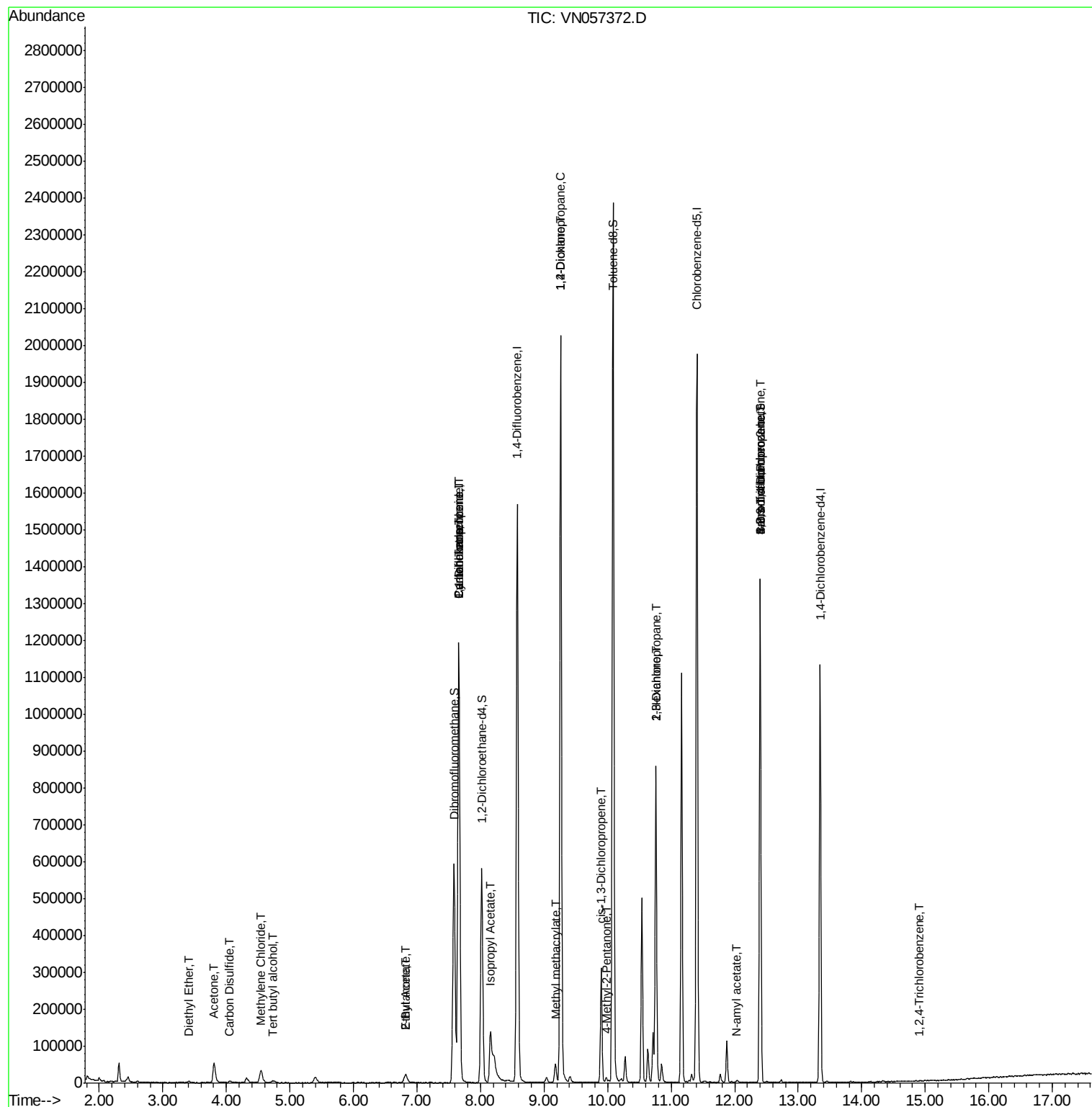
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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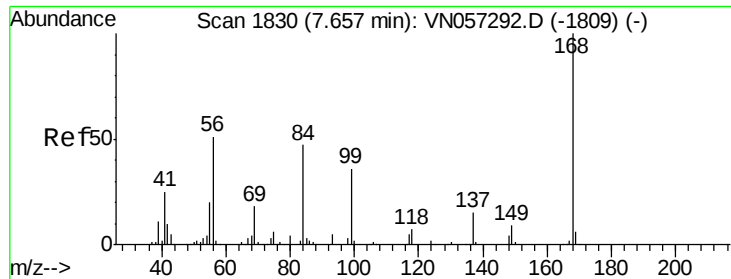
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081819\
Data File : VN057372.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057372.D

Acq: 16 Aug 2019 22:49

Instrument :

MSVOA_N

ClientSampled :

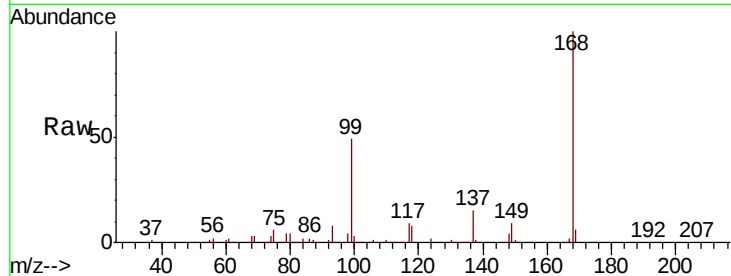
TP-3

Tgt Ion:168 Resp: 1095356

Ion Ratio Lower Upper

168 100

99 48.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

500000

400000

300000

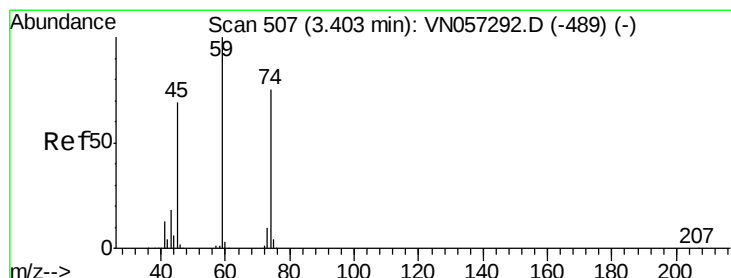
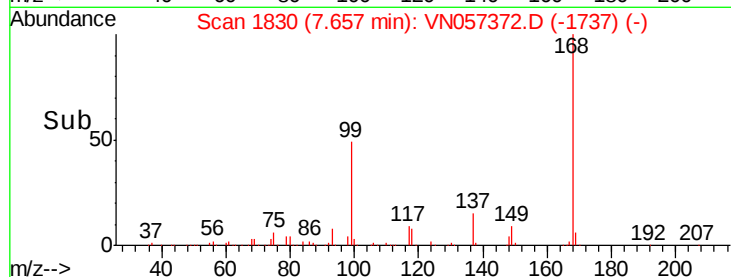
200000

100000

0

Time-->

7.60 7.70 7.80



#8

Diethyl Ether

Concen: 0.483 ug/l

RT: 3.41 min Scan# 508

Delta R.T. 0.00 min

Lab File: VN057372.D

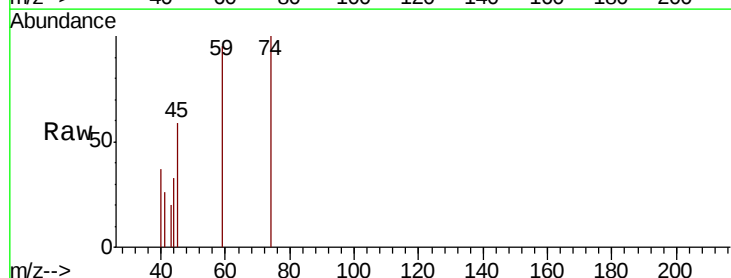
Acq: 16 Aug 2019 22:49

Tgt Ion: 74 Resp: 2985

Ion Ratio Lower Upper

74 100

45 59.3 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

3.41

1500

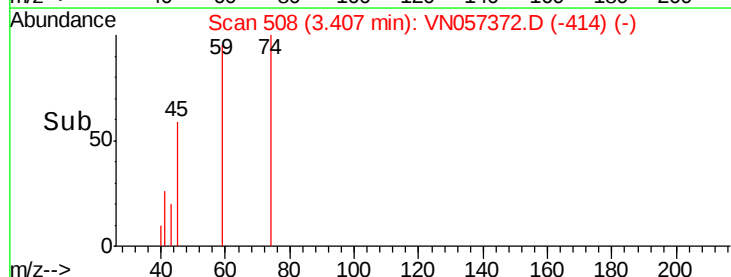
1000

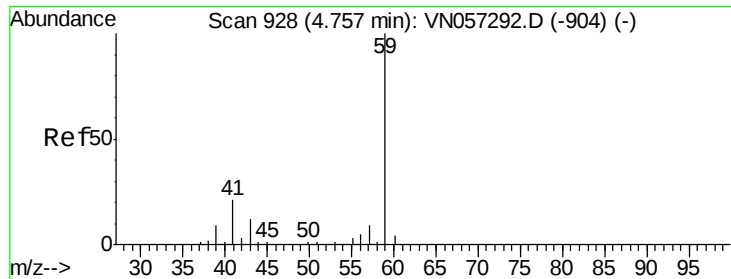
500

0

Time-->

3.35 3.40 3.45

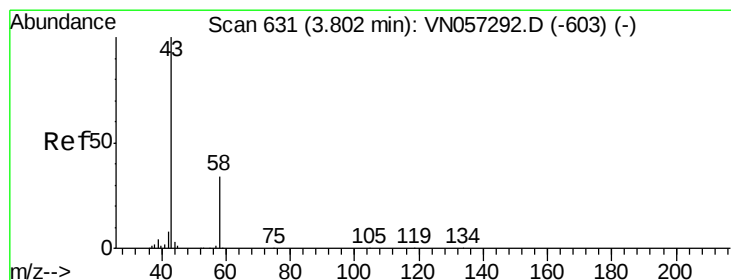
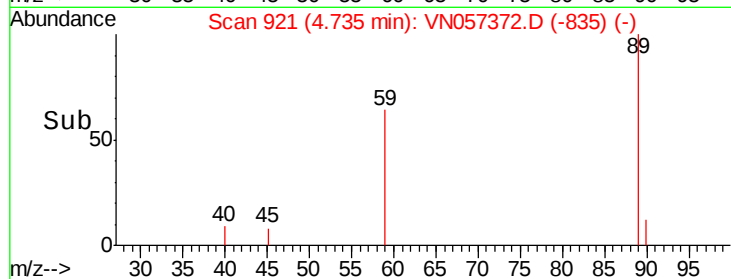
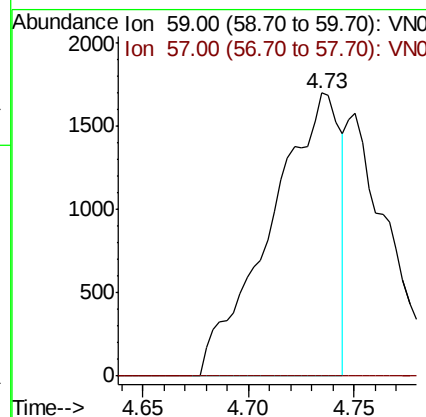
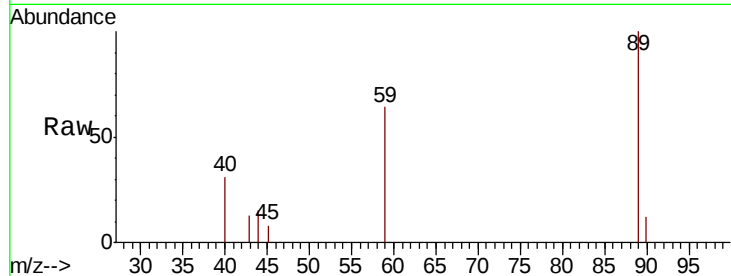




#11
Tert butyl alcohol
Concen: 2.304 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.02 min
Lab File: VN057372.D
Acq: 16 Aug 2019 22:49

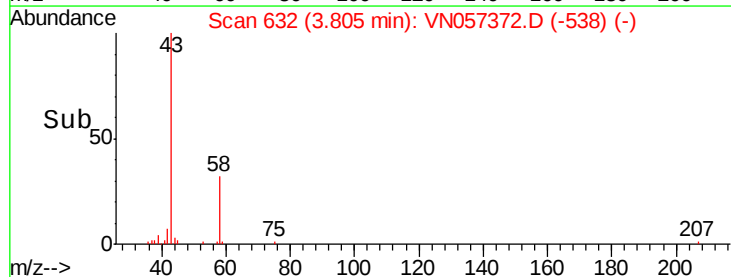
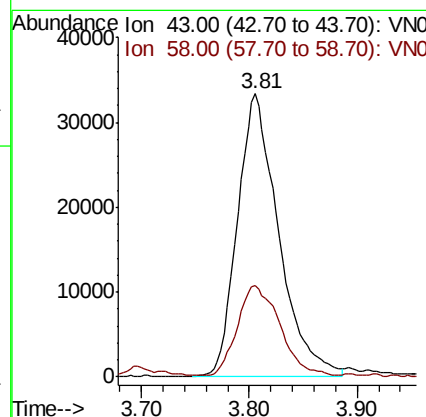
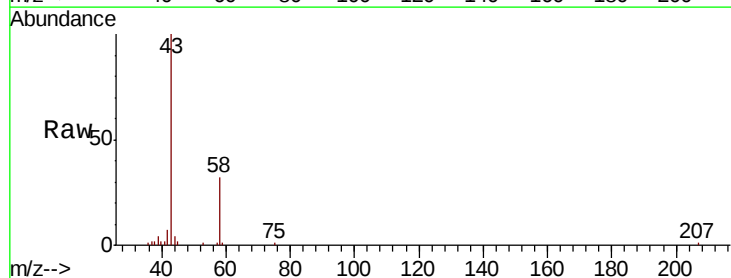
Instrument :
MSVOA_N
ClientSampleId :
TP-3

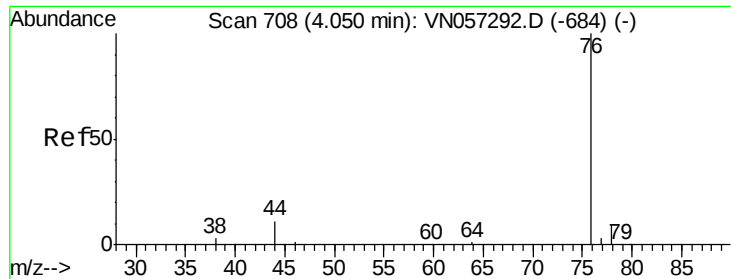
Tgt Ion: 59 Resp: 3900
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 21.527 ug/l
RT: 3.81 min Scan# 632
Delta R.T. 0.00 min
Lab File: VN057372.D
Acq: 16 Aug 2019 22:49

Tgt Ion: 43 Resp: 88924
Ion Ratio Lower Upper
43 100
58 31.8 27.0 40.6





#17

Carbon Disulfide

Concen: 0.294 ug/l

RT: 4.05 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN057372.D

Acq: 16 Aug 2019 22:49

Instrument :

MSVOA_N

ClientSampleId :

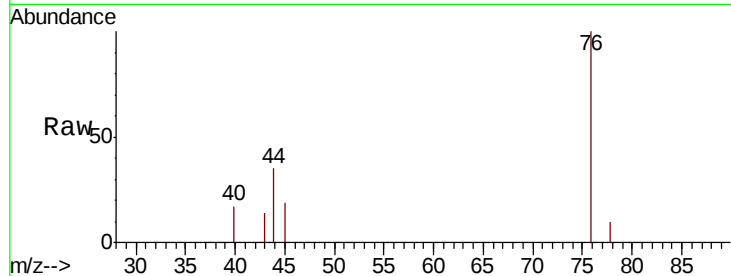
TP-3

Tgt Ion: 76 Resp: 7610

Ion Ratio Lower Upper

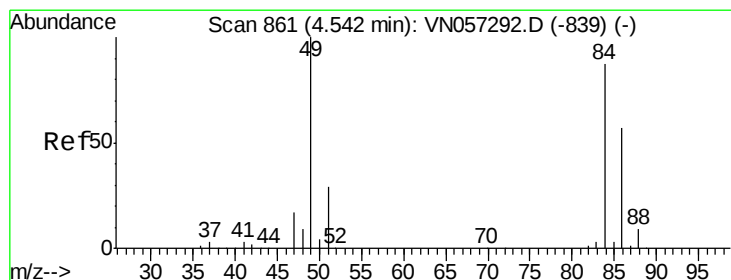
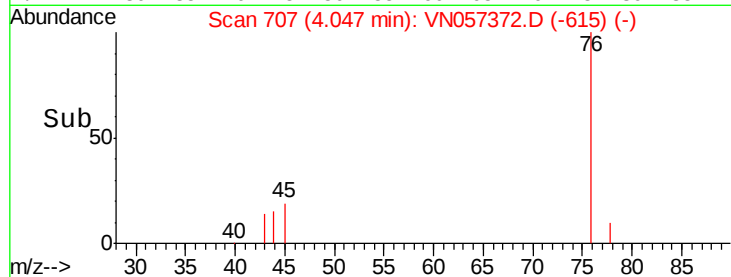
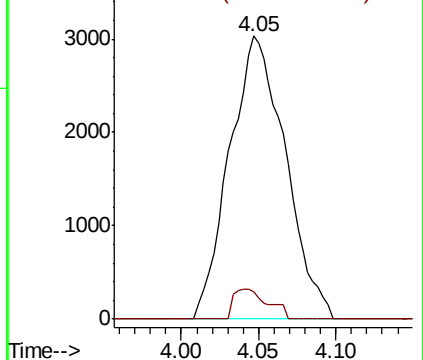
76 100

78 9.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#20

Methylene Chloride

Concen: 2.485 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.01 min

Lab File: VN057372.D

Acq: 16 Aug 2019 22:49

Tgt Ion: 84 Resp: 28718

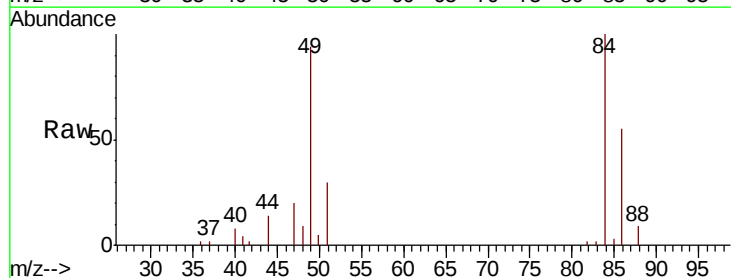
Ion Ratio Lower Upper

84 100

49 93.7 92.0 138.0

51 30.2 27.1 40.7

86 55.4 52.2 78.2

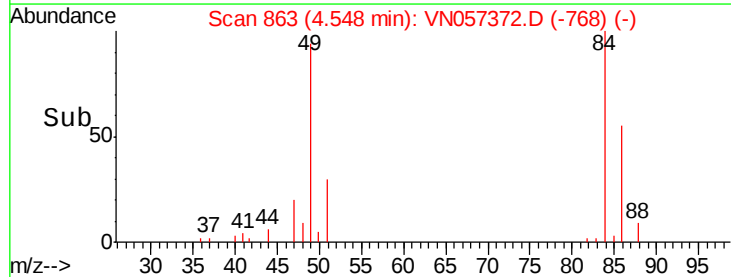
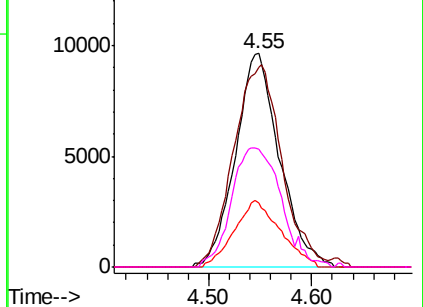


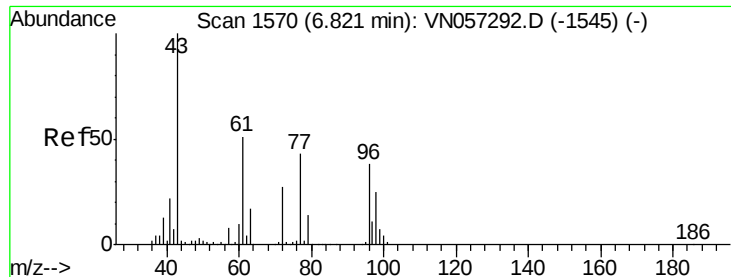
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

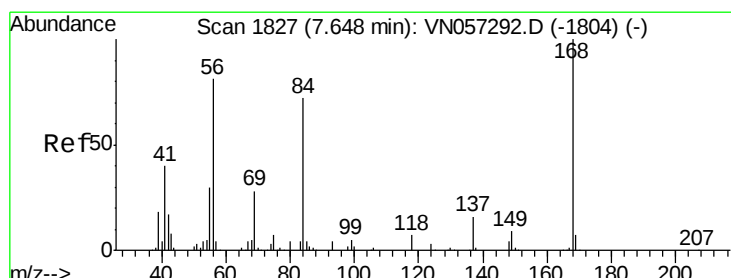
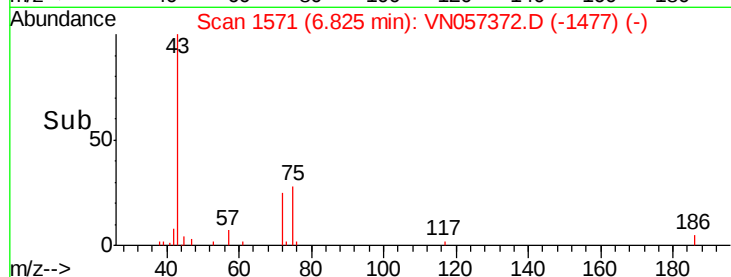
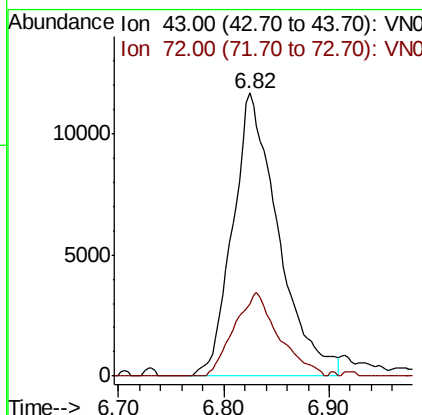
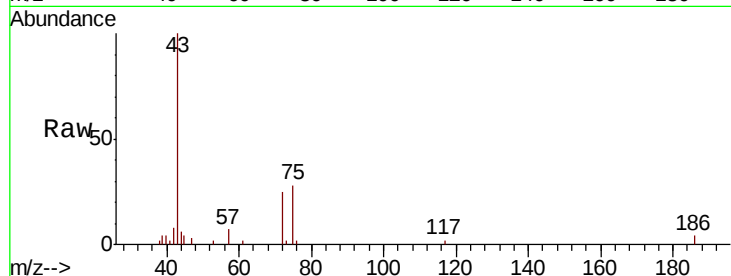




#25
2-Butanone
Concen: 5.854 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN057372.D
Acq: 16 Aug 2019 22:49

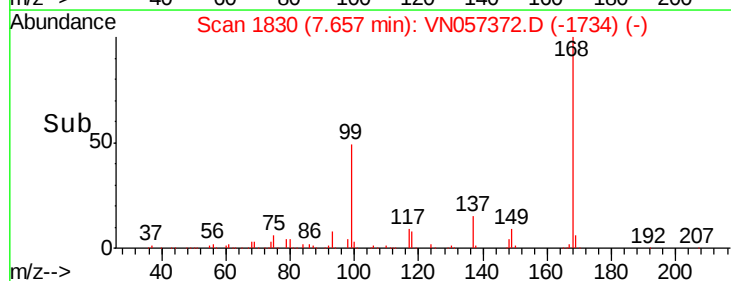
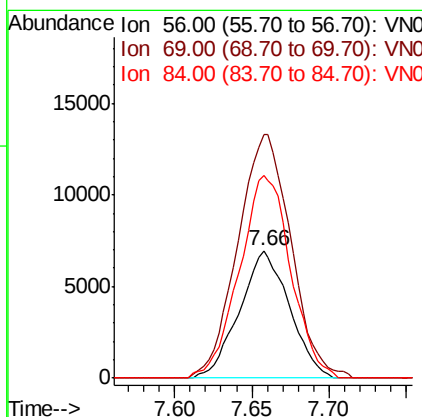
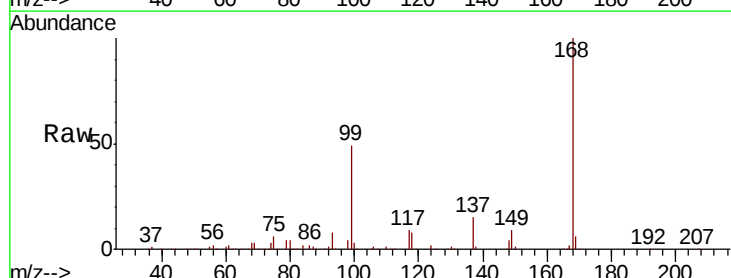
Instrument :
MSVOA_N
ClientSampled :
TP-3

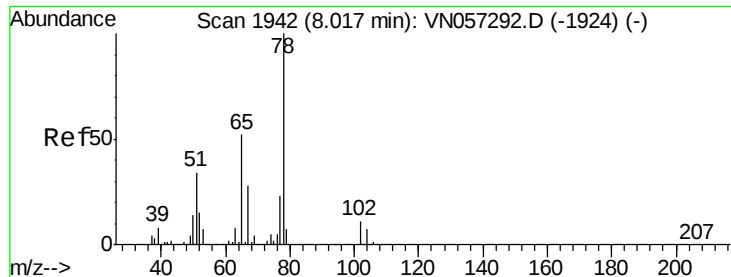
Tgt Ion: 43 Resp: 35015
Ion Ratio Lower Upper
43 100
72 25.5 21.5 32.3



#31
Cyclohexane
Concen: 0.964 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN057372.D
Acq: 16 Aug 2019 22:49

Tgt Ion: 56 Resp: 15635
Ion Ratio Lower Upper
56 100
69 191.4 27.3 40.9#
84 158.8 71.0 106.6#

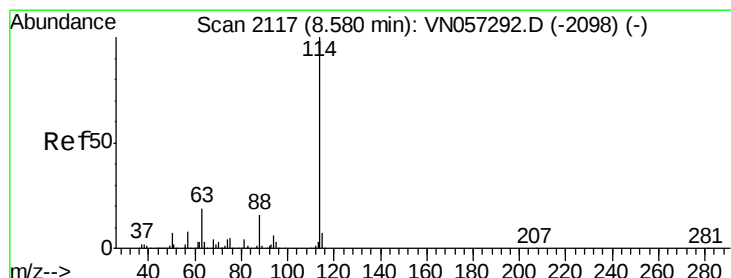
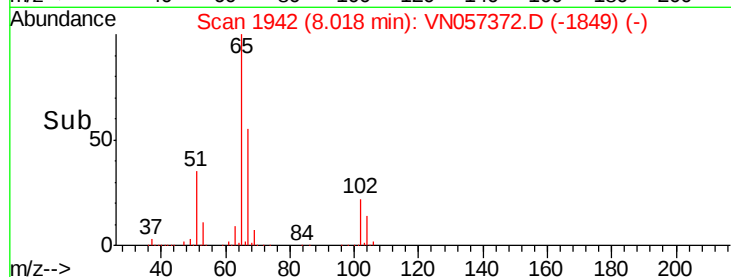
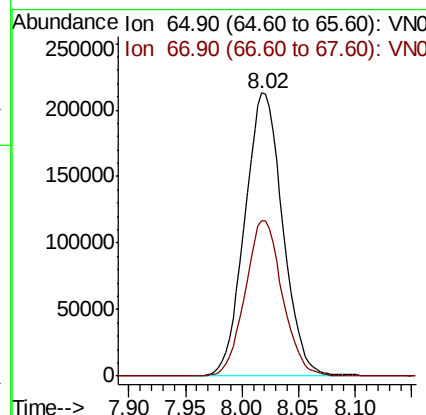
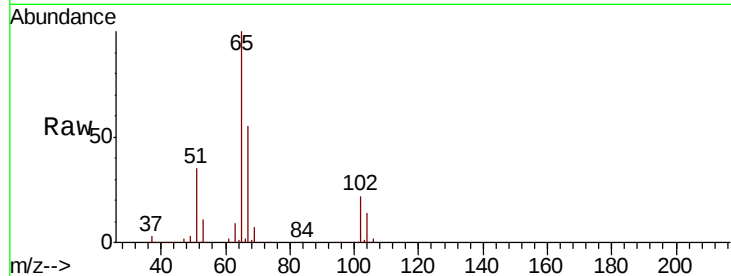




#33
 1,2-Dichloroethane-d4
 Concen: 41.803 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057372.D
 Acq: 16 Aug 2019 22:49

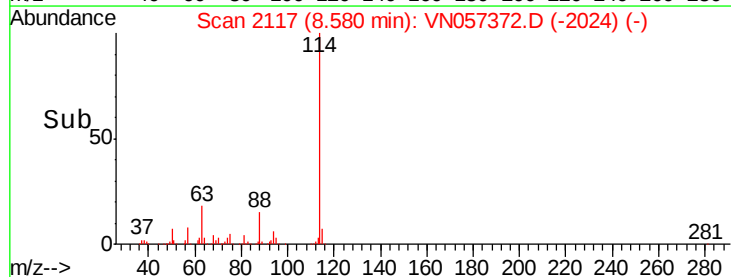
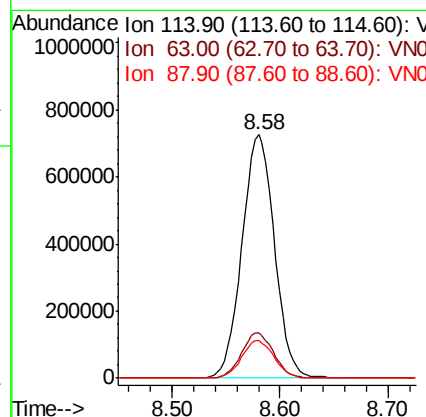
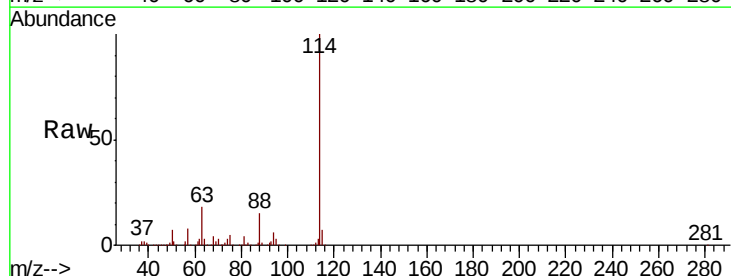
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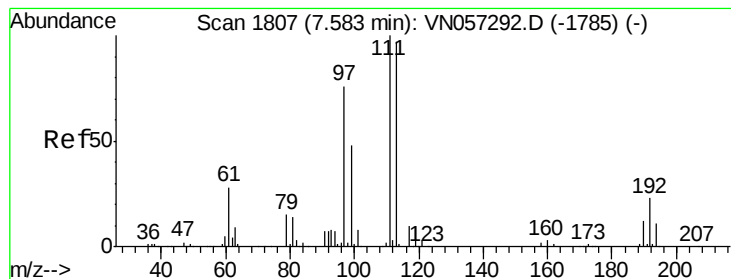
Tgt Ion: 65 Resp: 497776
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057372.D
 Acq: 16 Aug 2019 22:49

Tgt Ion: 114 Resp: 1521300
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.8
 88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.144 ug/l

RT: 7.58 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN057372.D

Acq: 16 Aug 2019 22:49

Instrument :

MSVOA_N

ClientSampleId :

TP-3

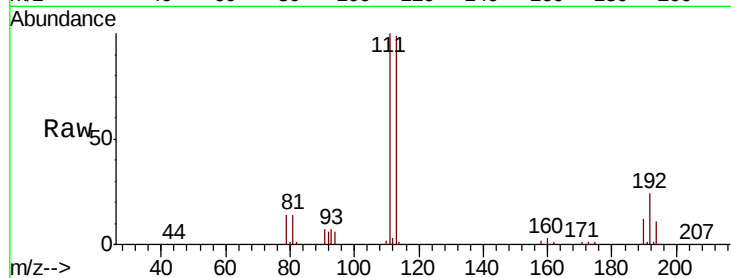
Tgt Ion:113 Resp: 460171

Ion Ratio Lower Upper

113 100

111 101.4 82.1 123.1

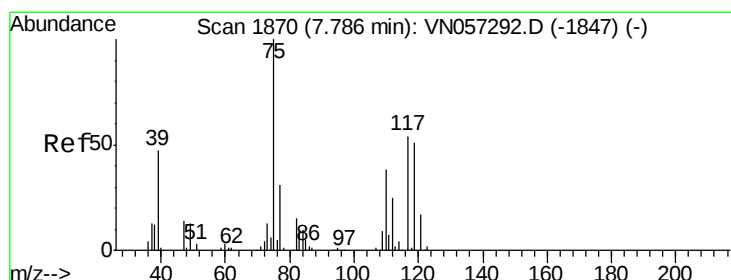
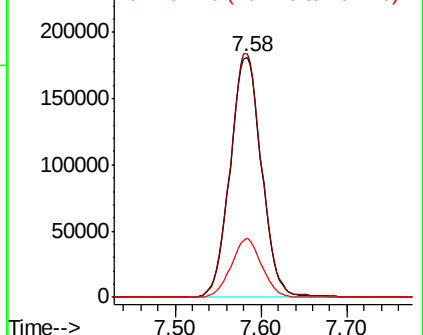
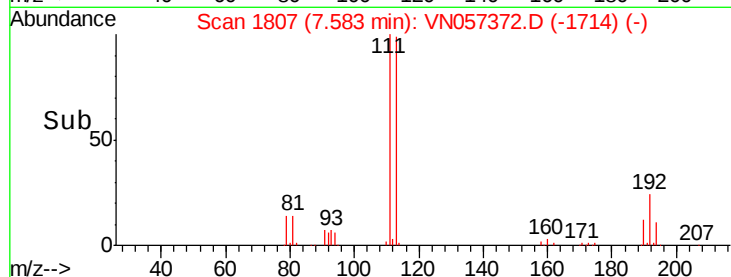
192 23.9 19.3 28.9



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: 4.840 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.13 min

Lab File: VN057372.D

Acq: 16 Aug 2019 22:49

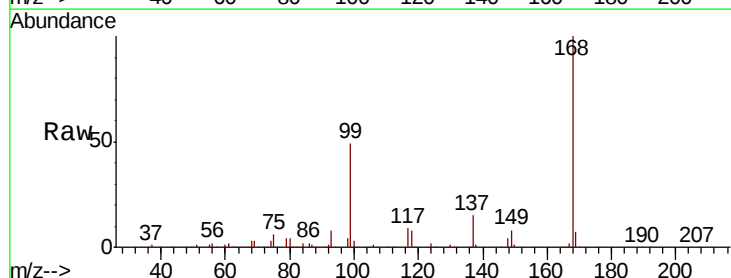
Tgt Ion: 75 Resp: 65012

Ion Ratio Lower Upper

75 100

110 9.2 19.5 58.5#

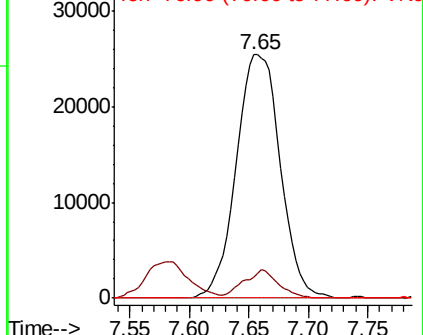
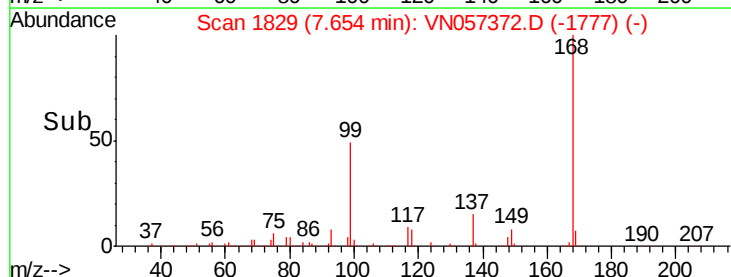
77 0.0 25.0 37.6#

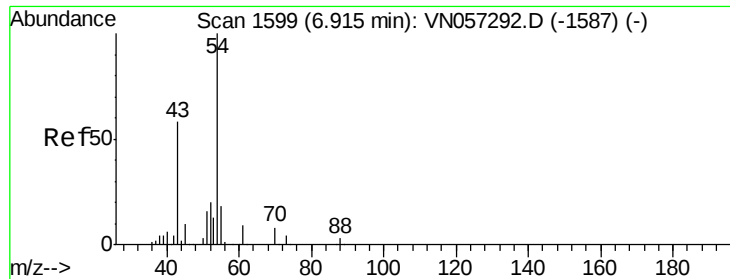


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

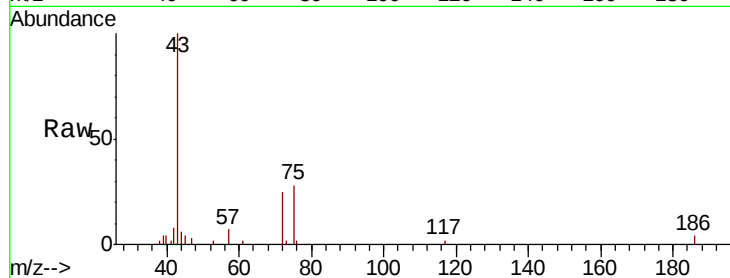




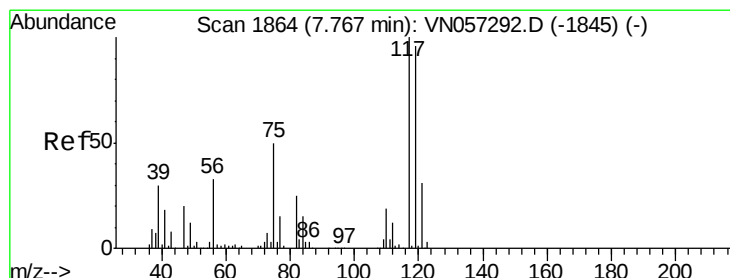
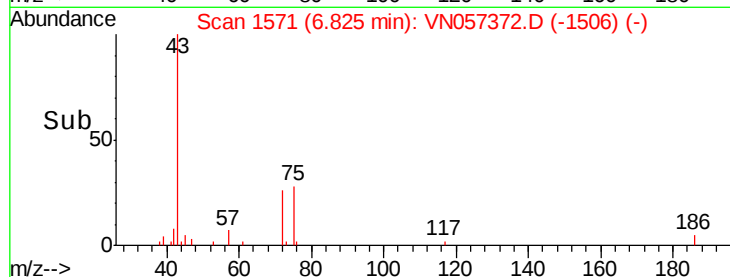
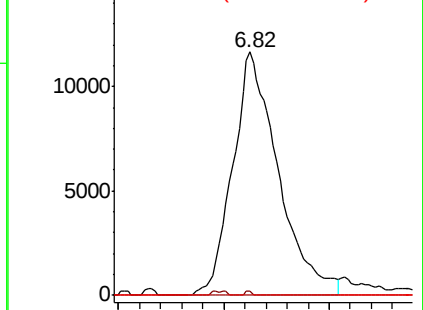
#37
Ethyl Acetate
 Concen: 3.183 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.09 min
 Lab File: VN057372.D
 Acq: 16 Aug 2019 22:49

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Tgt Ion: 43 Resp: 35015
 Ion Ratio Lower Upper
 43 100
 61 0.2 12.0 18.0#
 70 0.0 9.2 13.8#

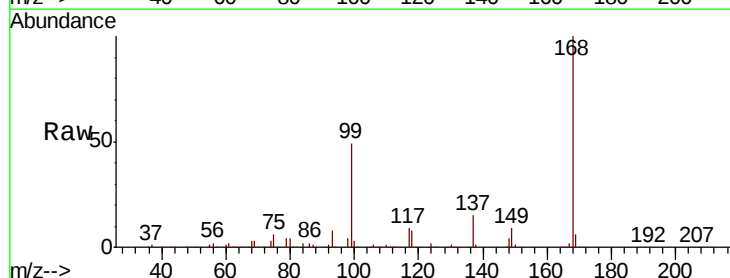


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0

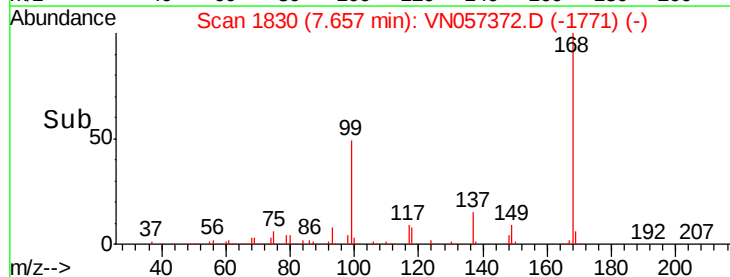
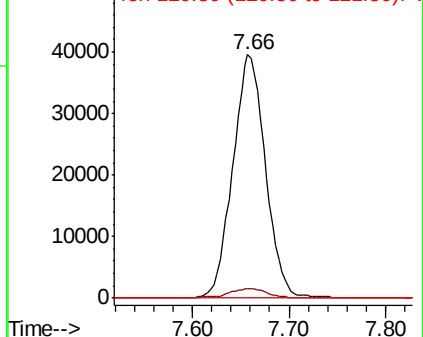


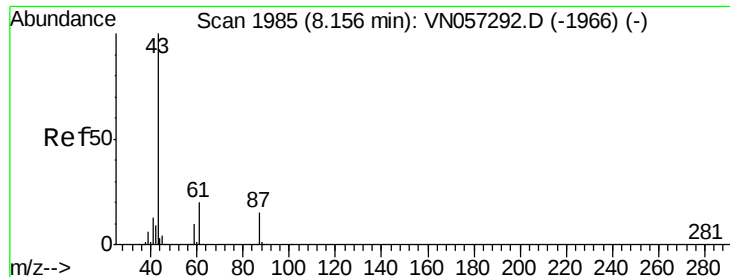
#38
Carbon Tetrachloride
 Concen: 6.648 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.11 min
 Lab File: VN057372.D
 Acq: 16 Aug 2019 22:49

Tgt Ion: 117 Resp: 92787
 Ion Ratio Lower Upper
 117 100
 119 3.9 76.8 115.2#
 121 0.0 25.0 37.4#



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





#43

Isopropyl Acetate

Concen: 7.939 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057372.D

Acq: 16 Aug 2019 22:49

Instrument :

MSVOA_N

ClientSampleId :

TP-3

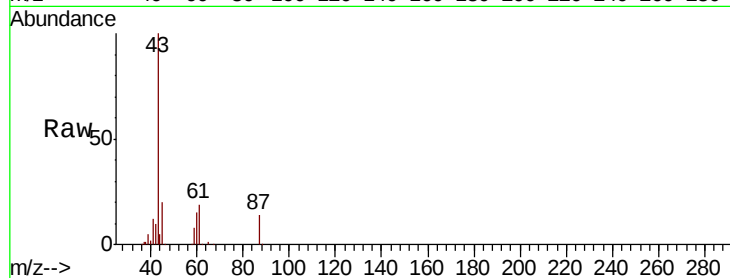
Tgt Ion: 43 Resp: 178810

Ion Ratio Lower Upper

43 100

61 15.5 21.6 32.4#

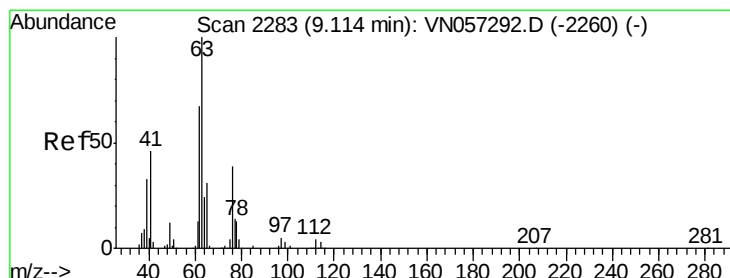
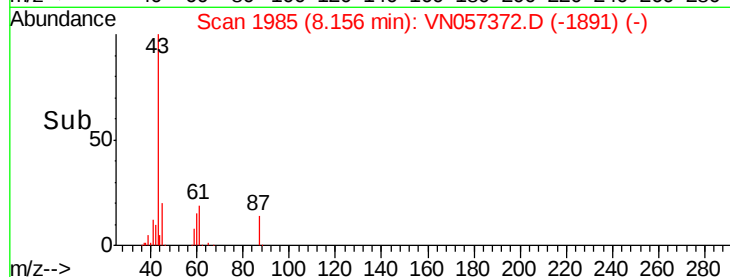
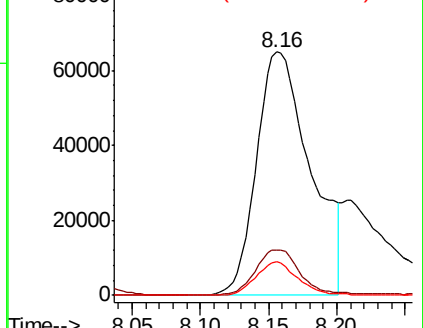
87 10.5 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.251 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN057372.D

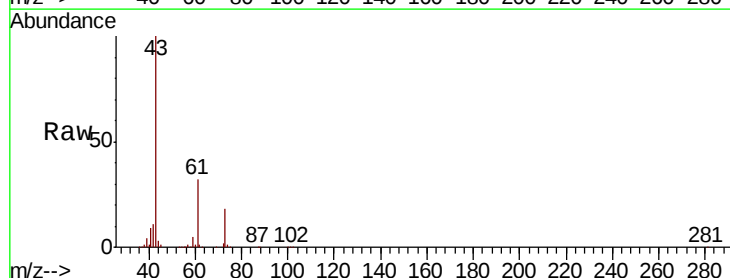
Acq: 16 Aug 2019 22:49

Tgt Ion: 63 Resp: 2658

Ion Ratio Lower Upper

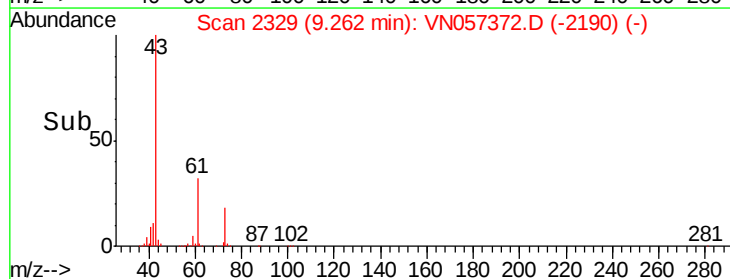
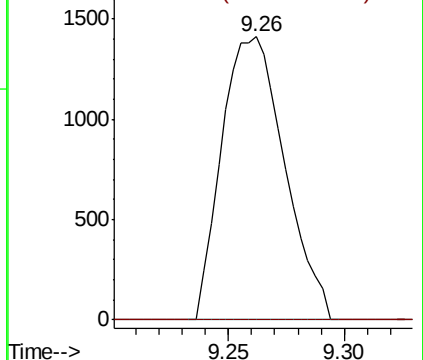
63 100

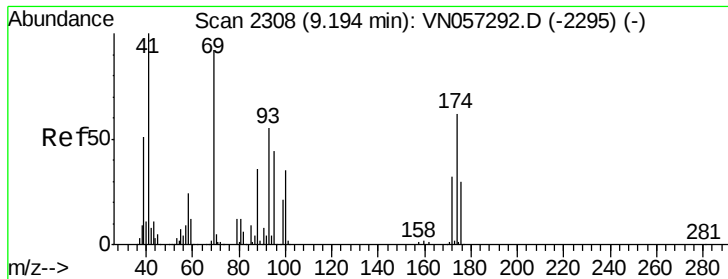
65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

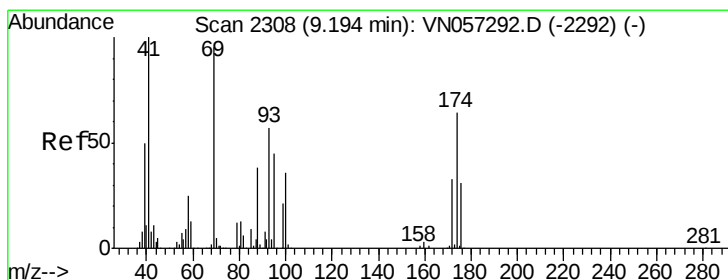
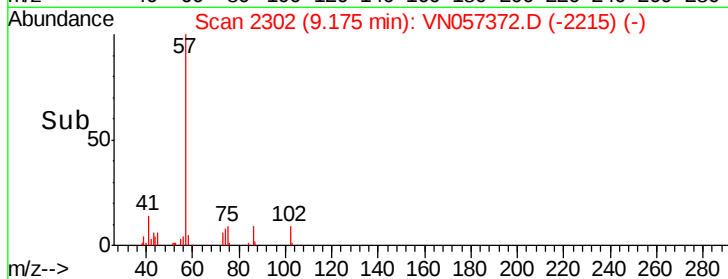
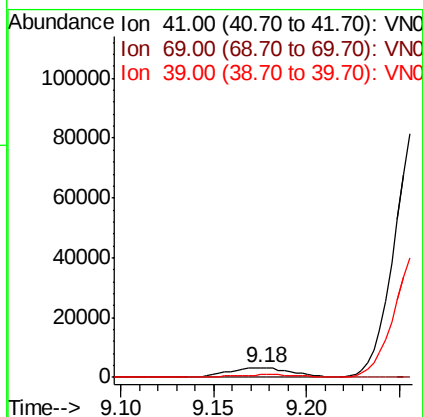
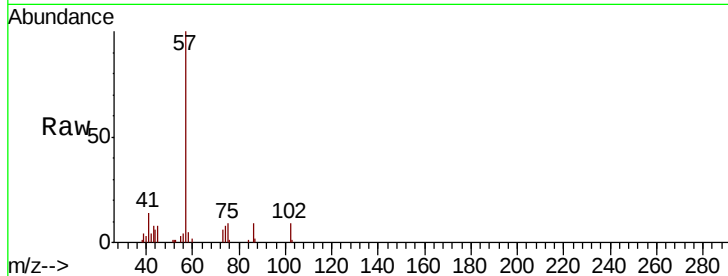




#48
Methyl methacrylate
Concen: 0.848 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN057372.D
Acq: 16 Aug 2019 22:49

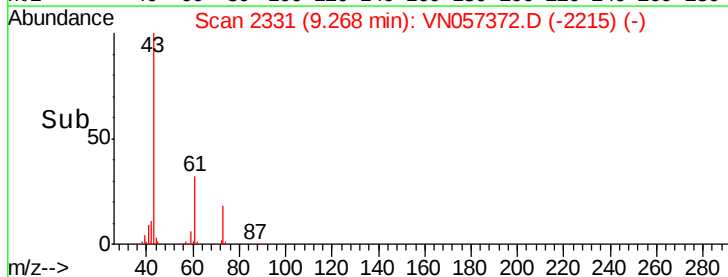
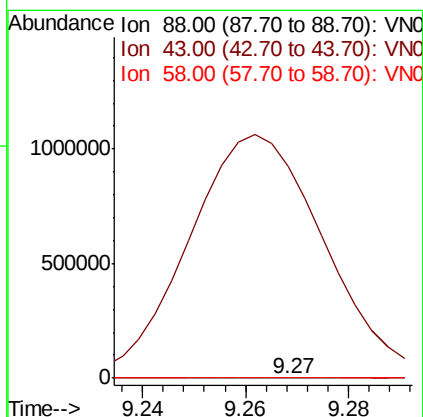
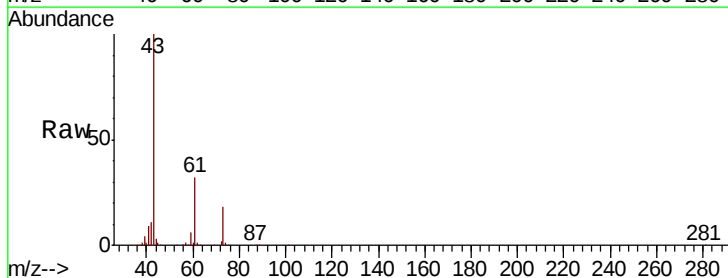
Instrument :
MSVOA_N
ClientSampleId :
TP-3

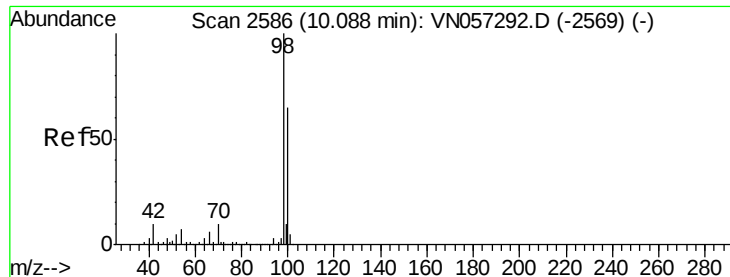
Tgt Ion: 41 Resp: 7683
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 42.3 63.5#



#49
1,4-Dioxane
Concen: 1.328 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN057372.D
Acq: 16 Aug 2019 22:49

Tgt Ion: 88 Resp: 253
Ion Ratio Lower Upper
88 100
43 781373.9 22.9 34.3#
58 3636.8 52.7 79.1#





#50

Toluene-d8

Concen: 48.527 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057372.D

Acq: 16 Aug 2019 22:49

Instrument :

MSVOA_N

ClientSampleId :

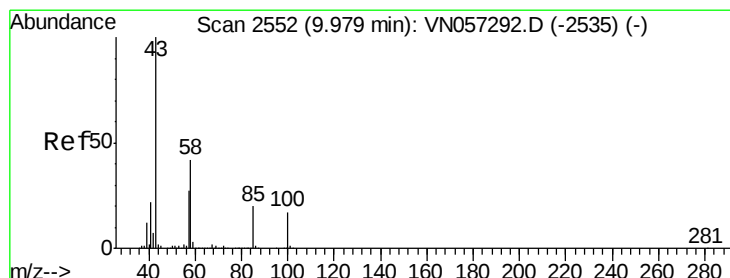
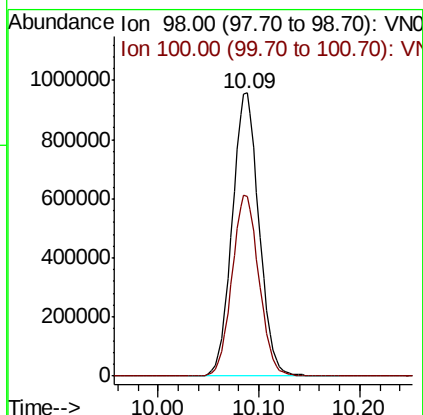
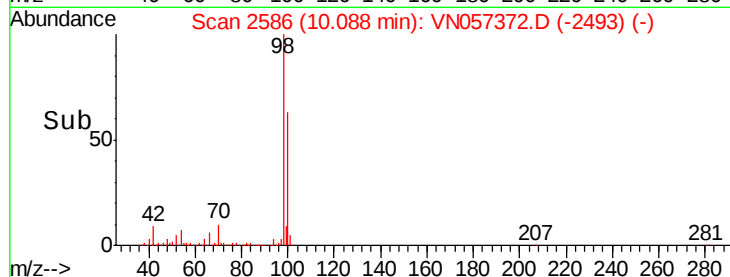
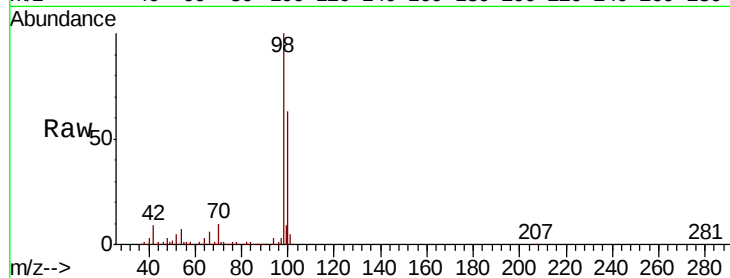
TP-3

Tgt Ion: 98 Resp: 1769992

Ion Ratio Lower Upper

98 100

100 64.3 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.770 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057372.D

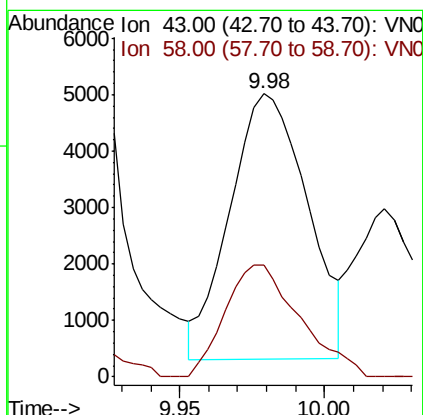
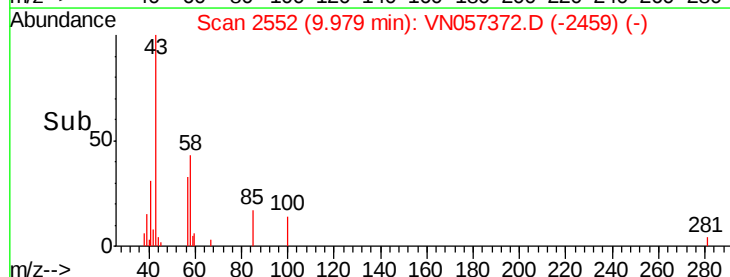
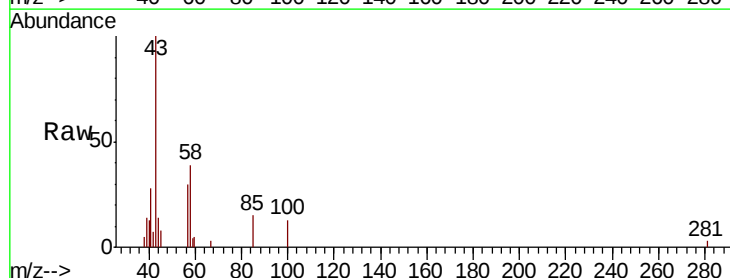
Acq: 16 Aug 2019 22:49

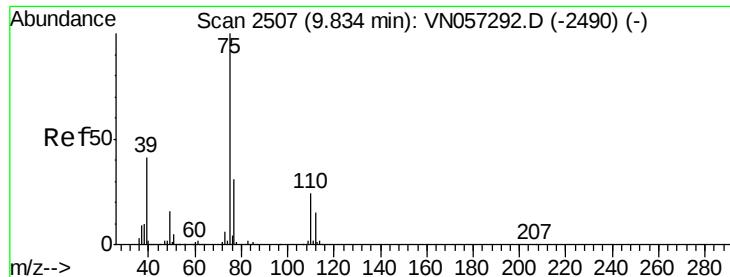
Tgt Ion: 43 Resp: 8741

Ion Ratio Lower Upper

43 100

58 40.7 33.2 49.8





#54

cis-1,3-Dichloropropene

Concen: 3.791 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN057372.D

Acq: 16 Aug 2019 22:49

Instrument :

MSVOA_N

ClientSampleId :

TP-3

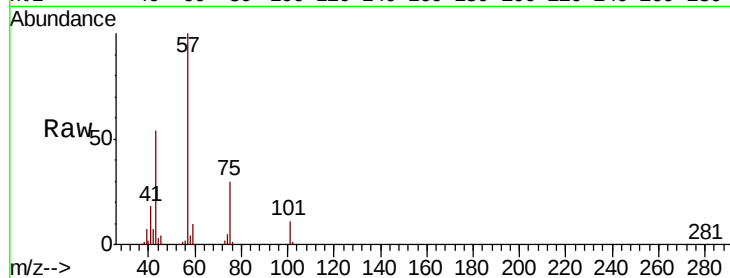
Tgt Ion: 75 Resp: 63293

Ion Ratio Lower Upper

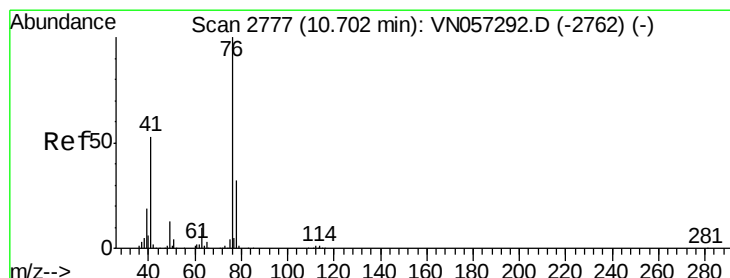
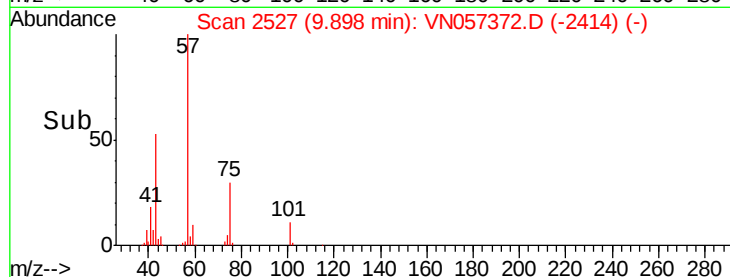
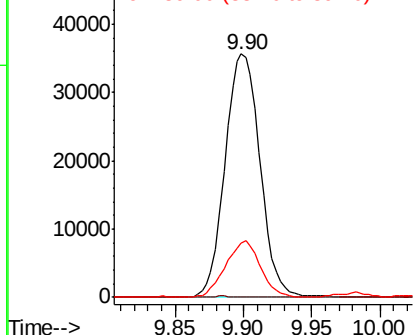
75 100

77 0.0 24.9 37.3#

39 22.5 32.7 49.1#



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: 0.629 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057372.D

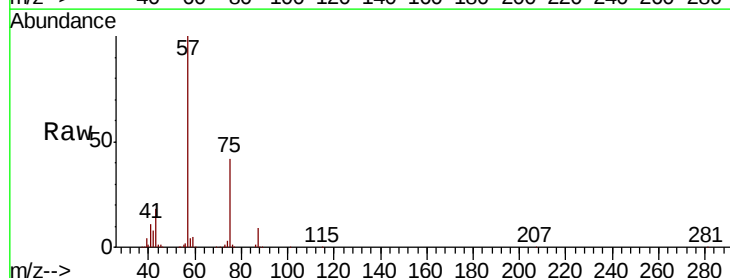
Acq: 16 Aug 2019 22:49

Tgt Ion: 76 Resp: 10568

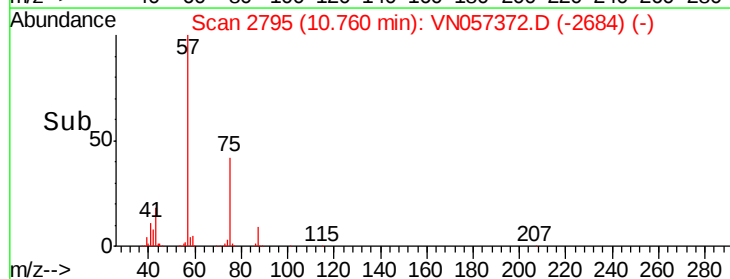
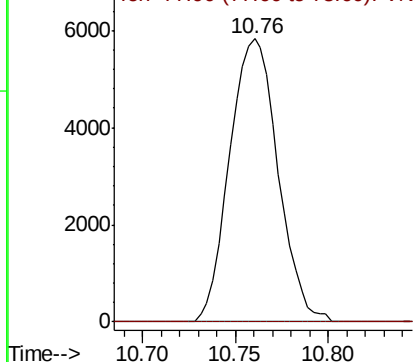
Ion Ratio Lower Upper

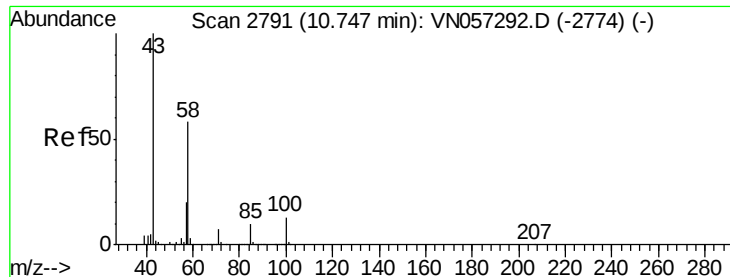
76 100

78 0.0 25.6 38.4#



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

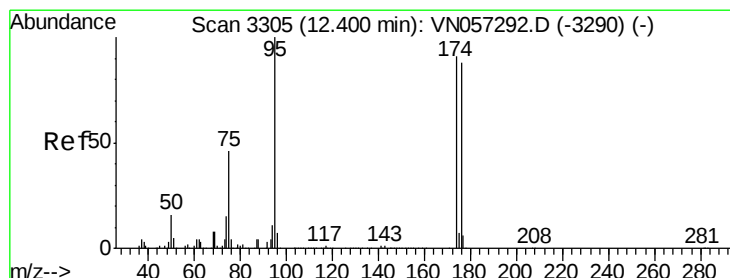
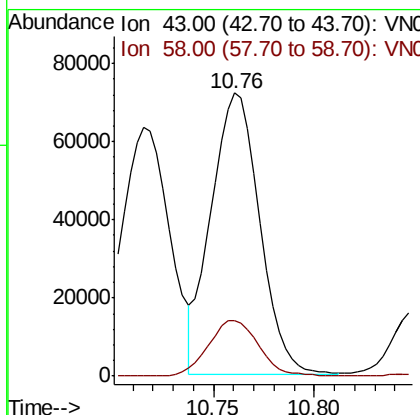
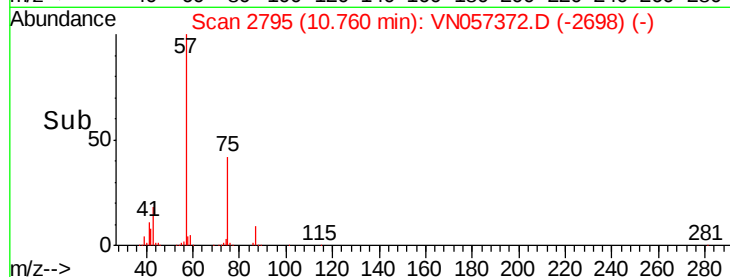
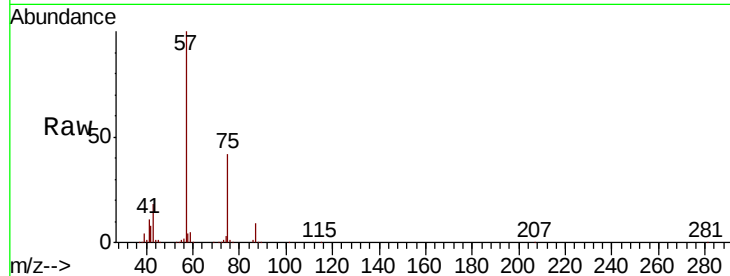




#59
2-Hexanone
Concen: 14.856 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057372.D
Acq: 16 Aug 2019 22:49

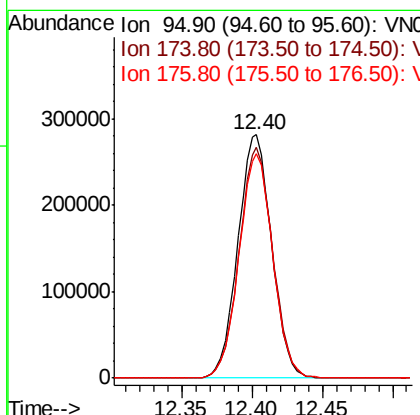
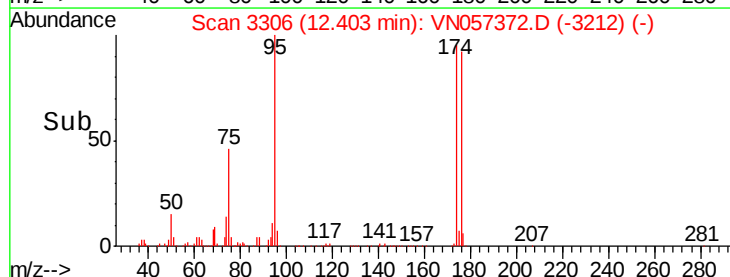
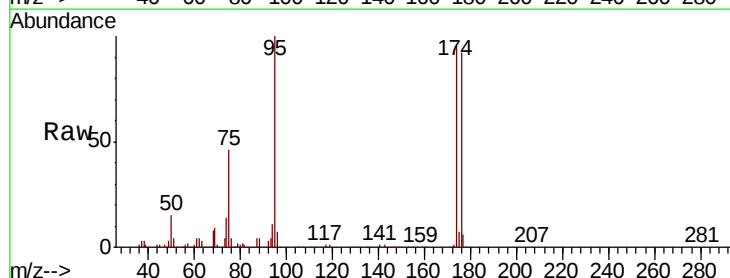
Instrument :
MSVOA_N
ClientSampled :
TP-3

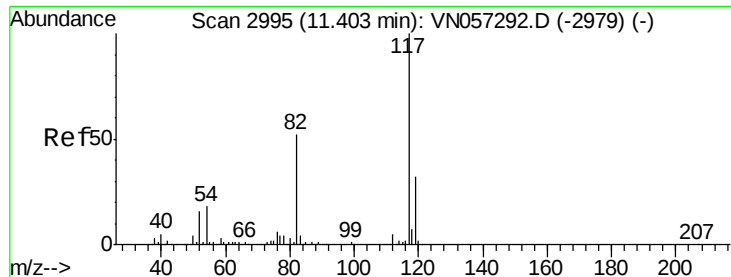
Tgt Ion: 43 Resp: 121219
Ion Ratio Lower Upper
43 100
58 20.4 28.6 85.9#



#62
4-Bromofluorobenzene
Concen: 36.587 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057372.D
Acq: 16 Aug 2019 22:49

Tgt Ion: 95 Resp: 471597
Ion Ratio Lower Upper
95 100
174 94.2 0.0 185.0
176 92.3 0.0 181.0

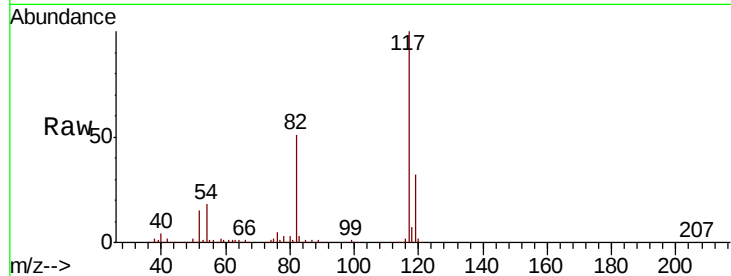




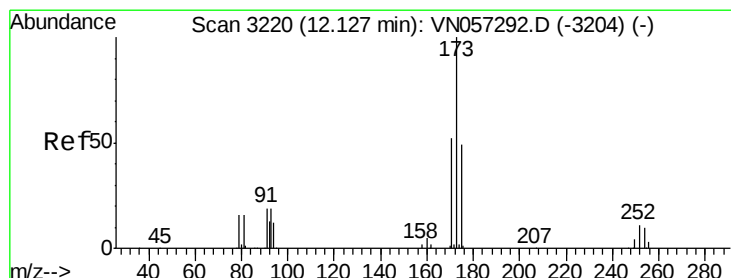
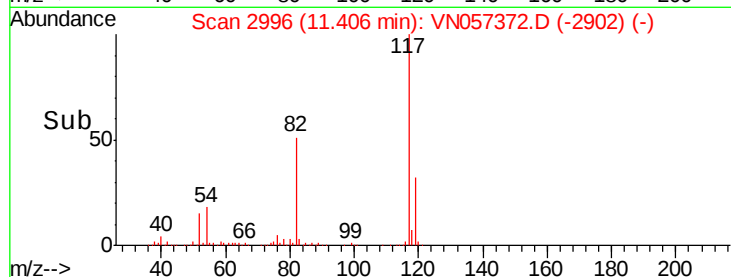
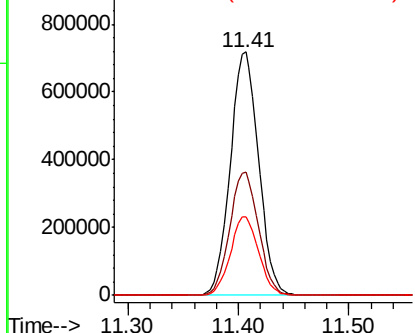
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057372.D
Acq: 16 Aug 2019 22:49

Instrument :
MSVOA_N
ClientSampled :
TP-3

Tgt Ion:117 Resp: 1276444
Ion Ratio Lower Upper
117 100
82 50.5 41.2 61.8
119 32.5 25.8 38.8

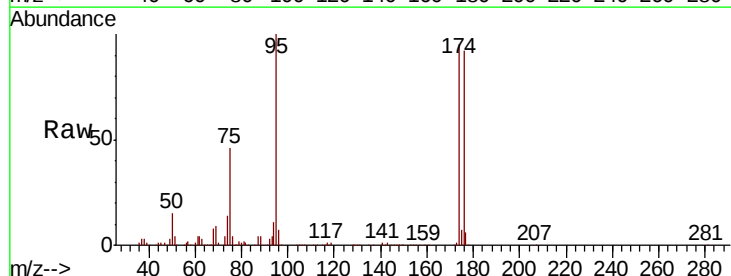


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

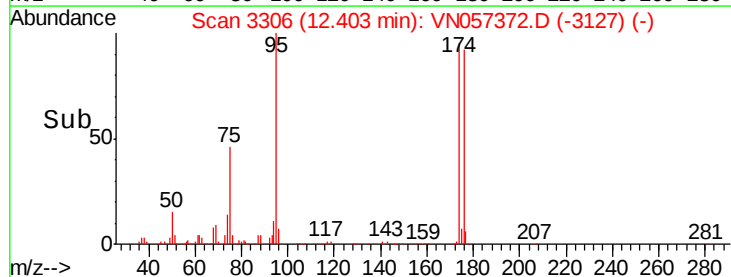
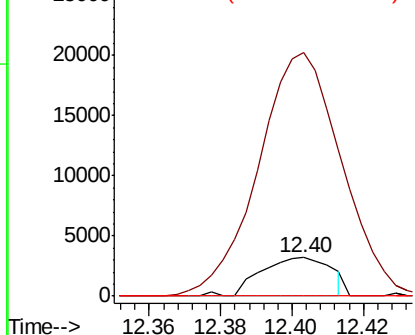


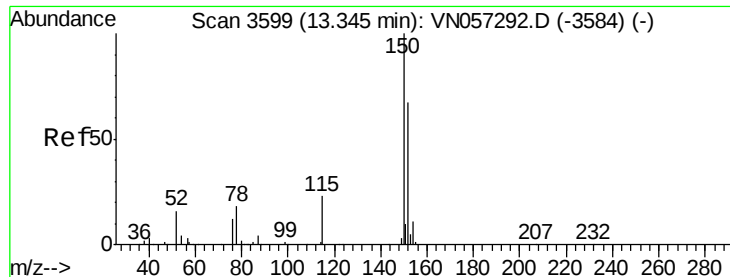
#71
Bromoform
Concen: 0.558 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN057372.D
Acq: 16 Aug 2019 22:49

Tgt Ion:173 Resp: 4391
Ion Ratio Lower Upper
173 100
175 647.1 24.2 72.6#
254 0.0 0.2 0.2#



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: VN057372.D

Acq: 16 Aug 2019 22:49

Instrument :

MSVOA_N

ClientSampleId :

TP-3

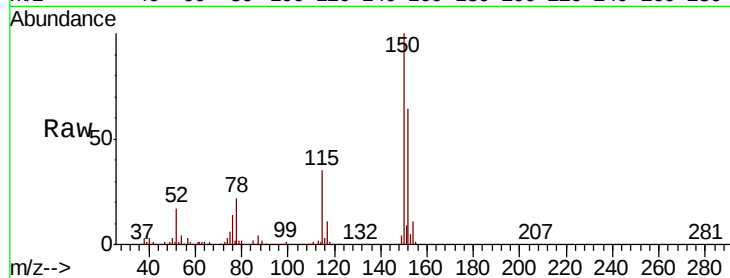
Tgt Ion:152 Resp: 332861

Ion Ratio Lower Upper

152 100

115 55.6 27.3 81.9

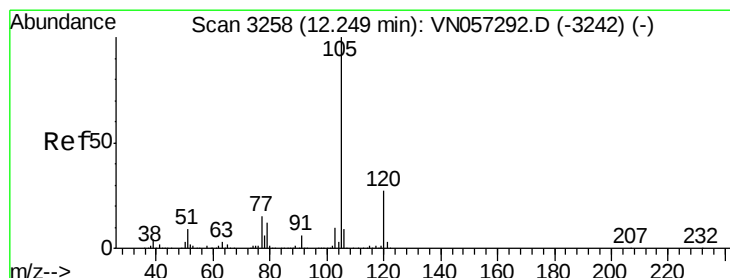
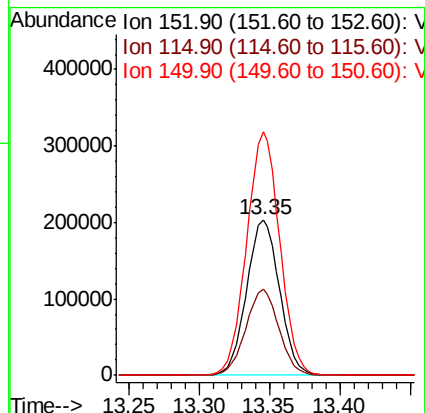
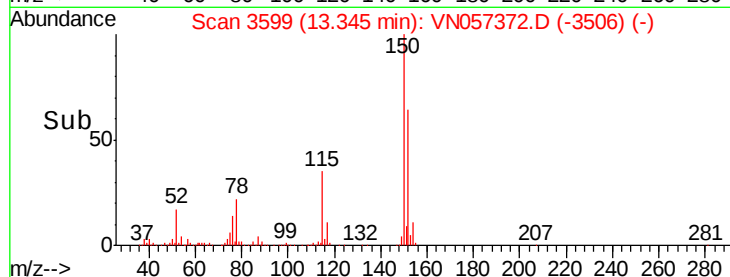
150 157.1 0.0 344.4



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: 12.26 min Scan# 3260

Delta R.T. 0.01 min

Lab File: VN057372.D

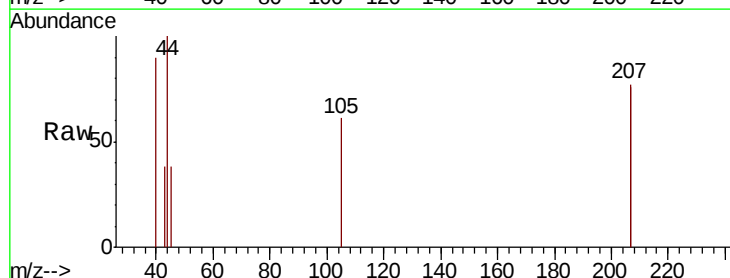
Acq: 16 Aug 2019 22:49

Tgt Ion:105 Resp: 281

Ion Ratio Lower Upper

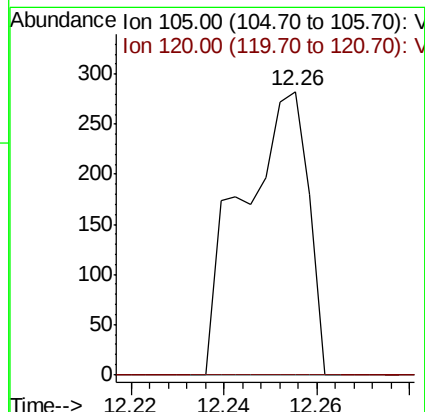
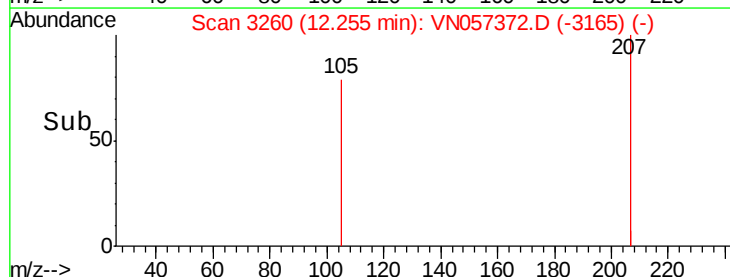
105 100

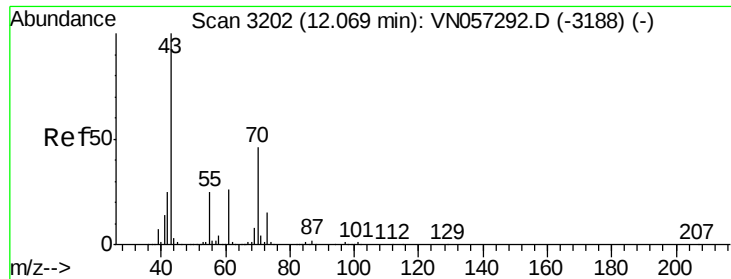
120 0.0 13.2 39.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.368 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057372.D

Acq: 16 Aug 2019 22:49

Instrument :

MSVOA_N

ClientSampled :

TP-3

Tgt Ion: 43 Resp: 3552

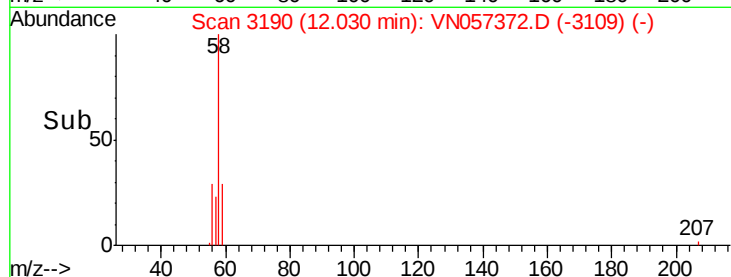
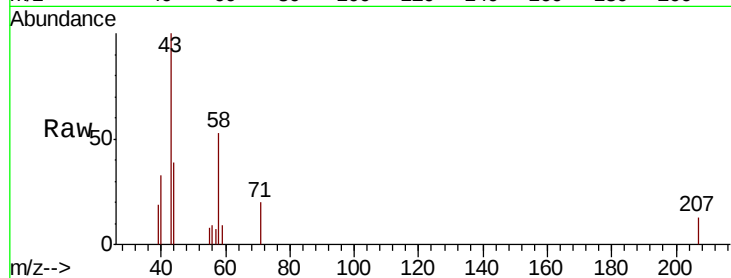
Ion Ratio Lower Upper

43 100

70 0.0 36.2 54.2#

55 5.7 20.1 30.1#

61 0.0 20.9 31.3#

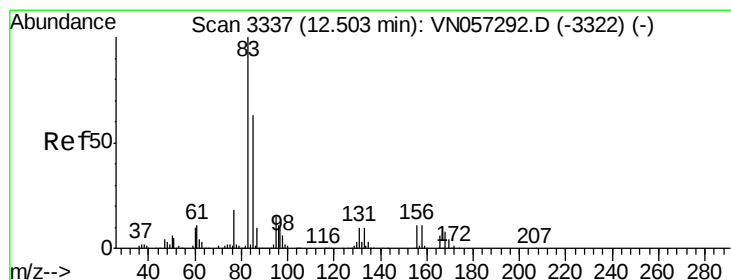
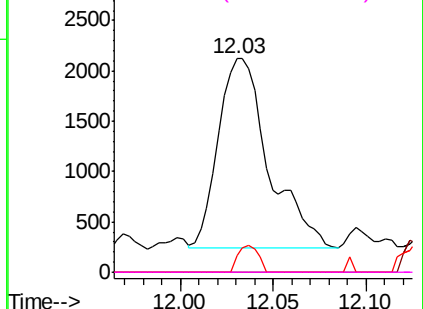


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3306

Delta R.T. -0.10 min

Lab File: VN057372.D

Acq: 16 Aug 2019 22:49

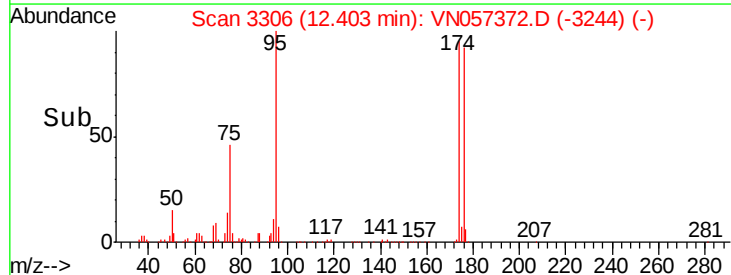
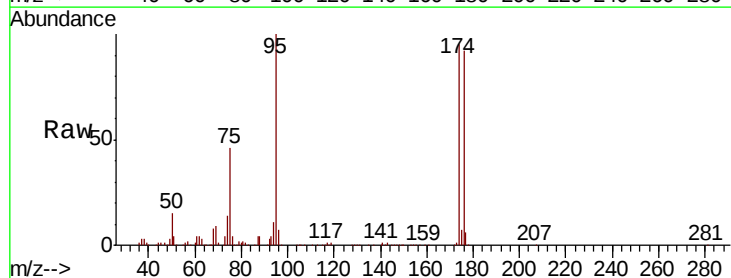
Tgt Ion: 83 Resp: 91

Ion Ratio Lower Upper

83 100

131 240.7 5.4 16.2#

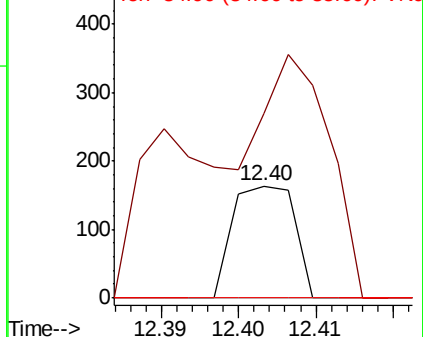
85 0.0 32.3 96.9#

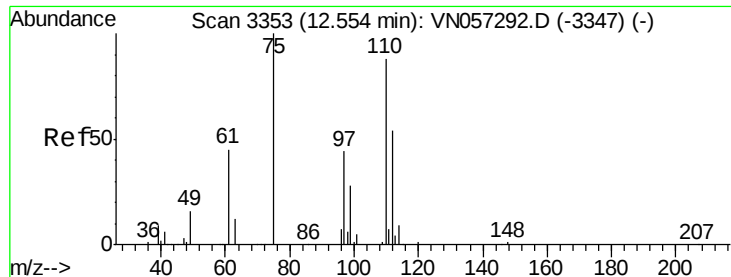


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0

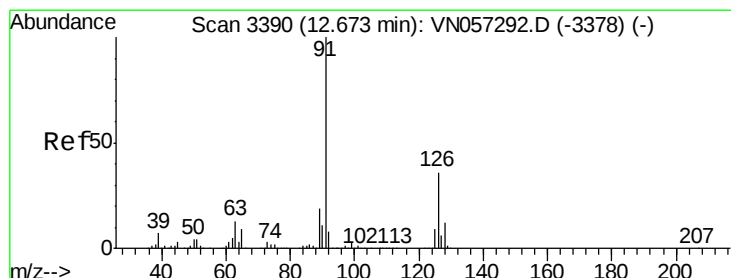
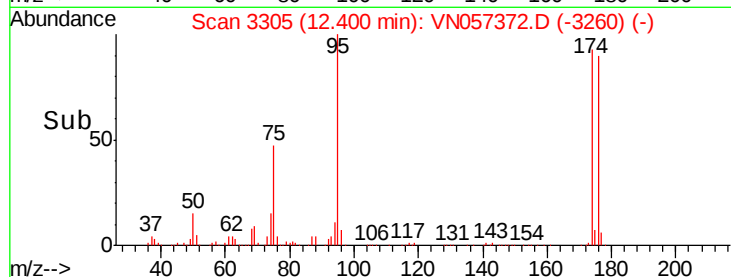
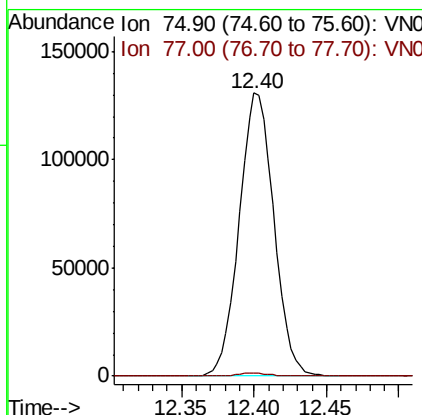
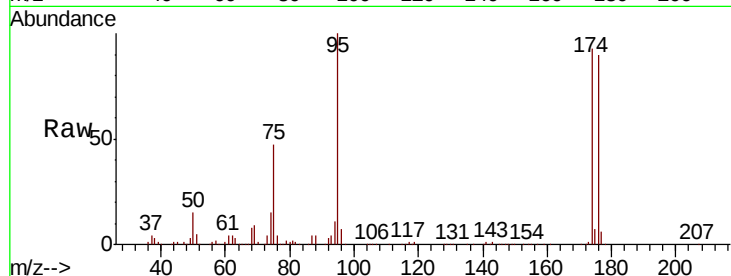




#76
 1,2,3-Trichloropropane
 Concen: 32.525 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN057372.D
 Acq: 16 Aug 2019 22:49

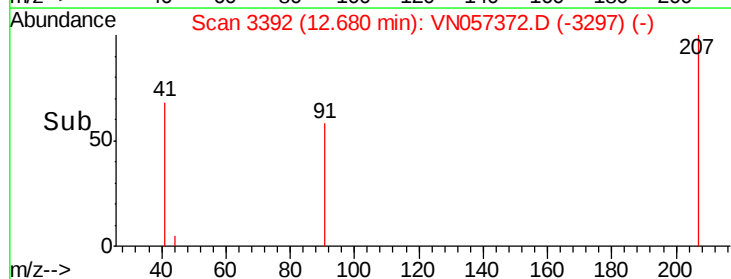
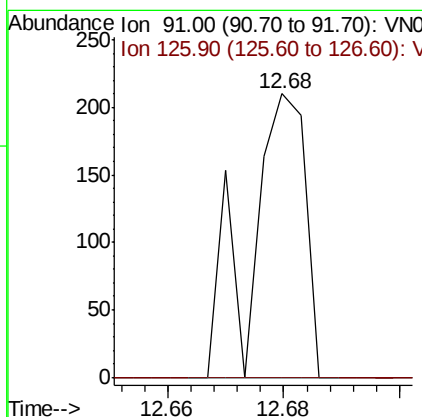
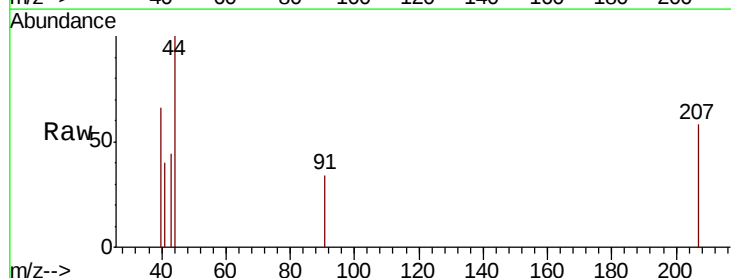
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3

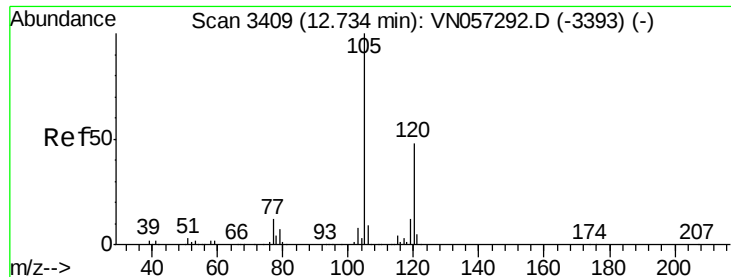
Tgt Ion: 75 Resp: 217447
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.68 min Scan# 3392
 Delta R.T. 0.01 min
 Lab File: VN057372.D
 Acq: 16 Aug 2019 22:49

Tgt Ion: 91 Resp: 139
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.1 54.1#





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057372.D

Acq: 16 Aug 2019 22:49

Instrument :

MSVOA_N

ClientSampleId :

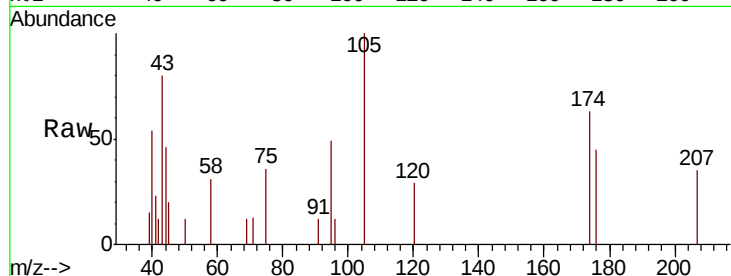
TP-3

Tgt Ion: 105 Resp: 1917

Ion Ratio Lower Upper

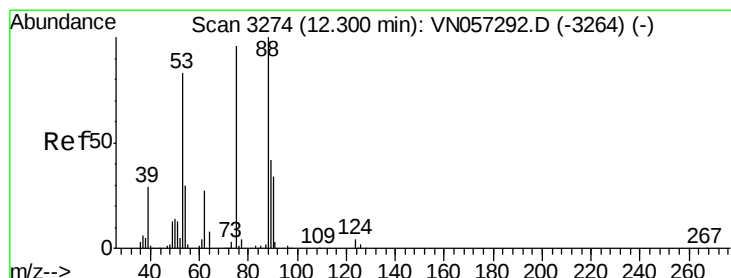
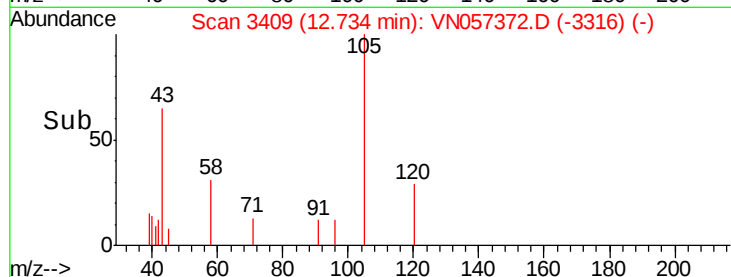
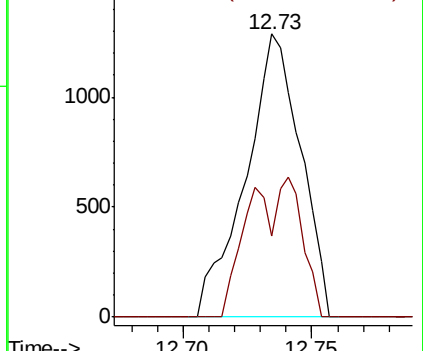
105 100

120 22.8 24.3 73.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 79.658 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN057372.D

Acq: 16 Aug 2019 22:49

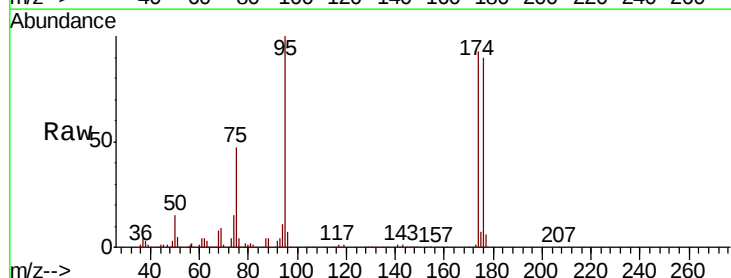
Tgt Ion: 75 Resp: 217447

Ion Ratio Lower Upper

75 100

53 0.0 67.9 101.9#

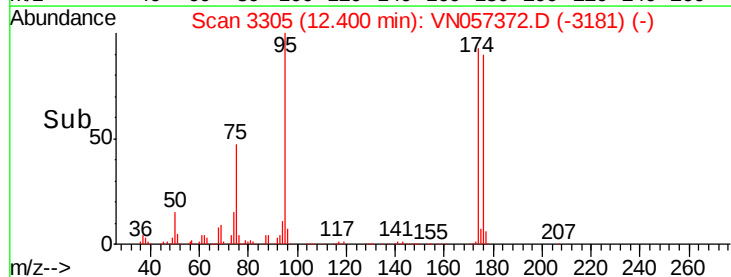
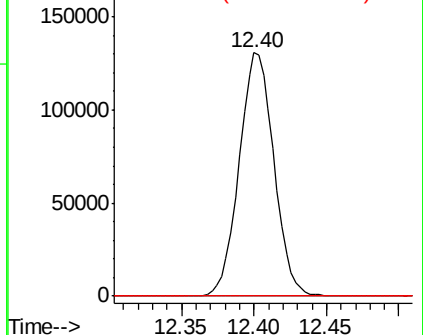
89 0.0 36.2 54.4#

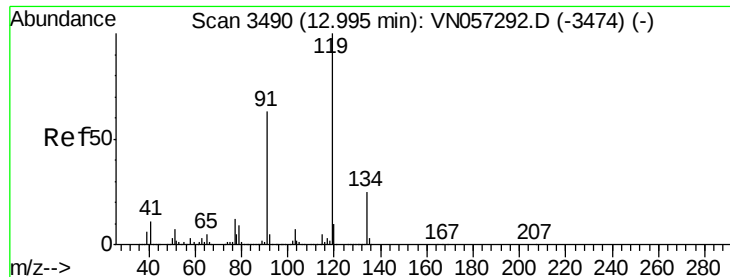


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

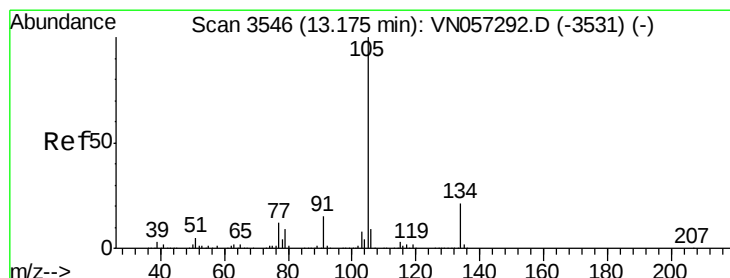
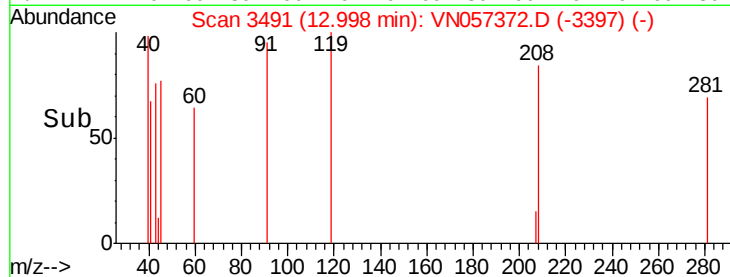
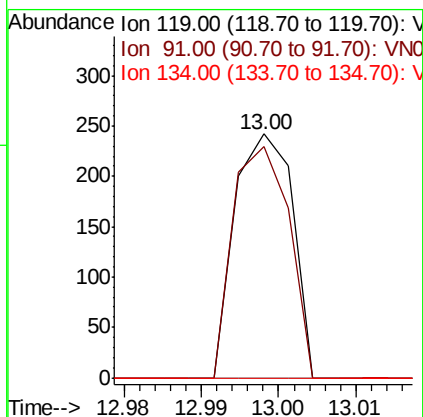
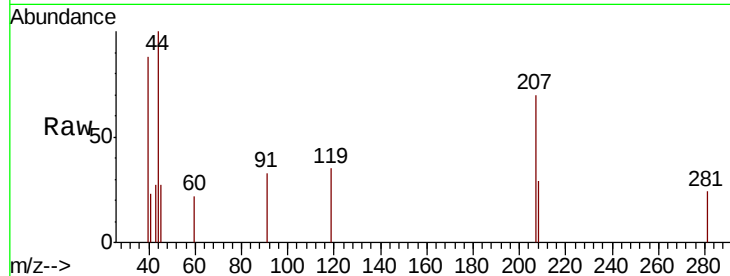




#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.00 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VN057372.D
Acq: 16 Aug 2019 22:49

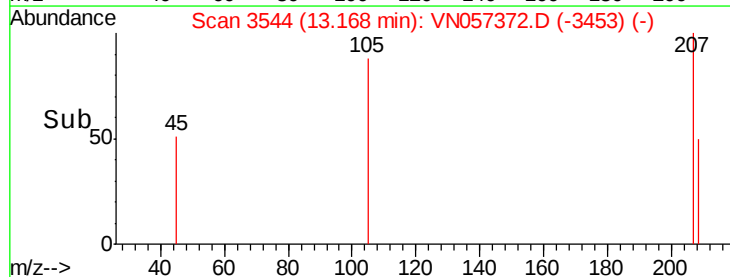
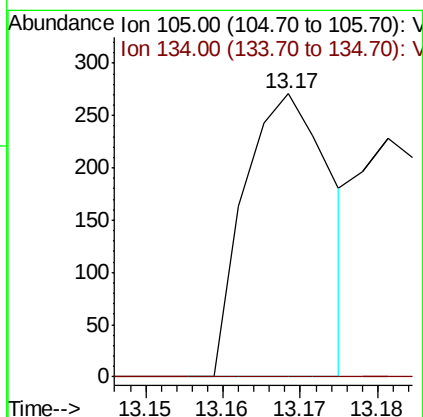
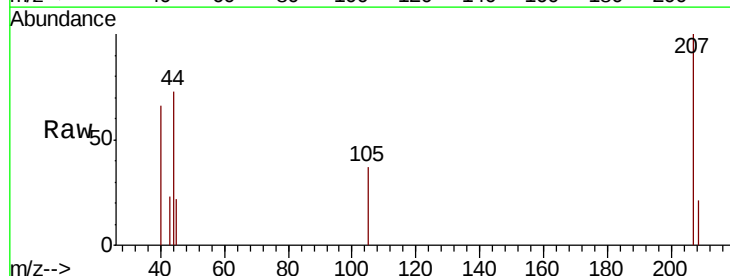
Instrument :
MSVOA_N
ClientSampleId :
TP-3

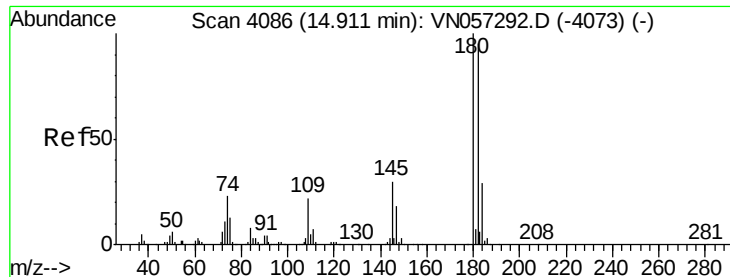
Tgt Ion:119 Resp: 126
Ion Ratio Lower Upper
119 100
91 92.1 31.3 93.8
134 0.0 13.1 39.1#



#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3544
Delta R.T. -0.01 min
Lab File: VN057372.D
Acq: 16 Aug 2019 22:49

Tgt Ion:105 Resp: 210
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.2#

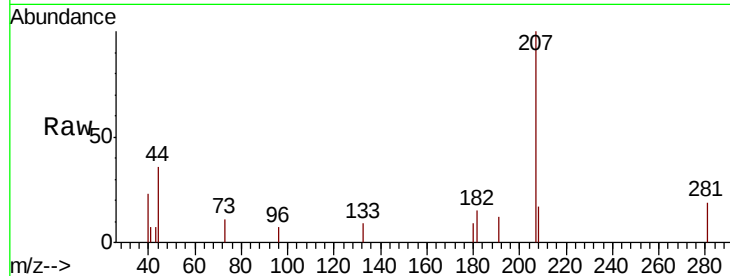




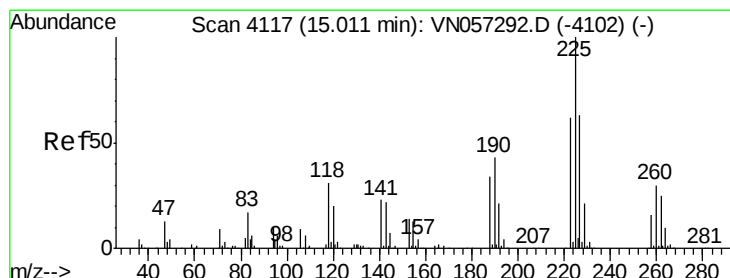
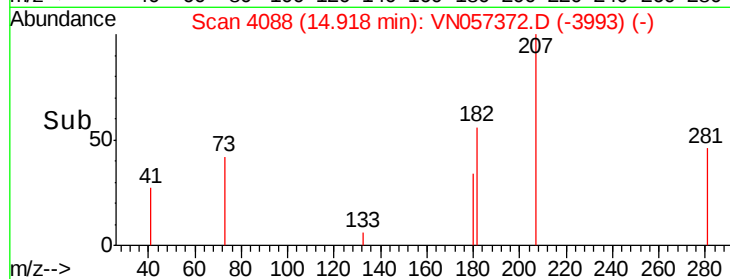
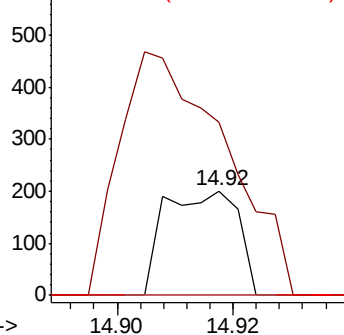
#93
 1,2,4-Trichlorobenzene
 Concen: 5.392 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.01 min
 Lab File: VN057372.D
 Acq: 16 Aug 2019 22:49

Instrument :
 MSVOA_N
 ClientSampled :
 TP-3

Tgt Ion:180 Resp: 175
 Ion Ratio Lower Upper
 180 100
 182 340.0 48.0 144.2#
 145 0.0 14.5 43.6#

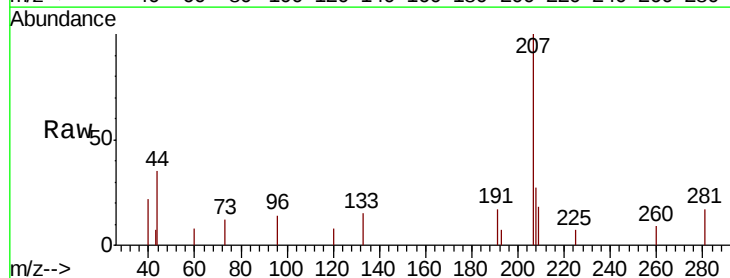


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

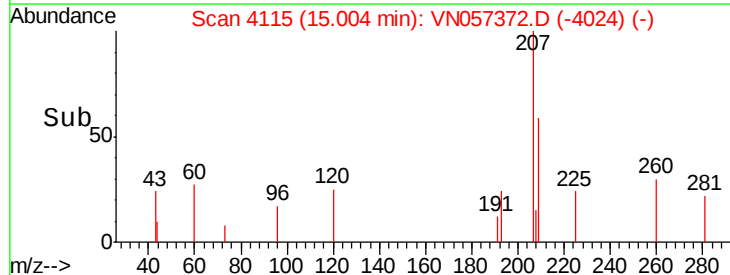
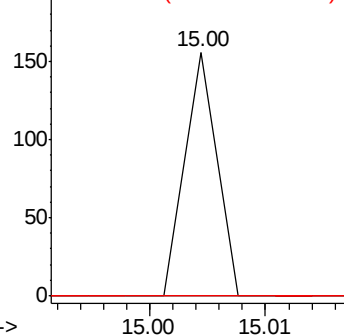


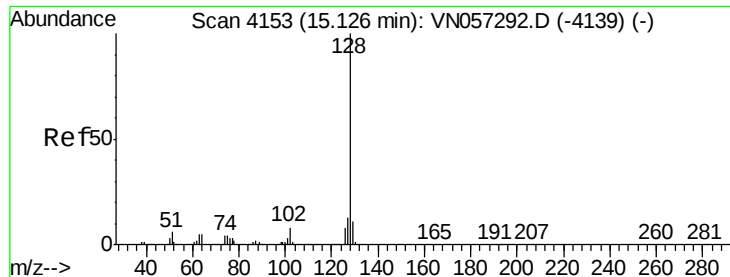
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.01 min
 Lab File: VN057372.D
 Acq: 16 Aug 2019 22:49

Tgt Ion:225 Resp: 30
 Ion Ratio Lower Upper
 225 100
 223 0.0 30.7 92.1#
 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

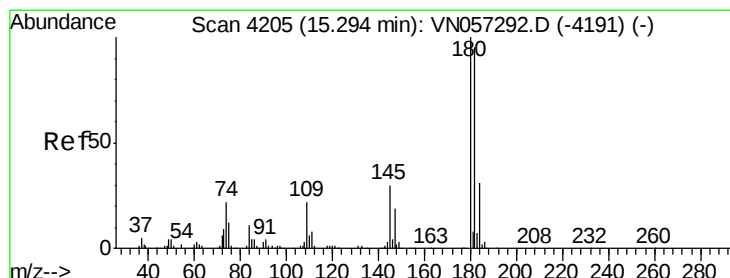
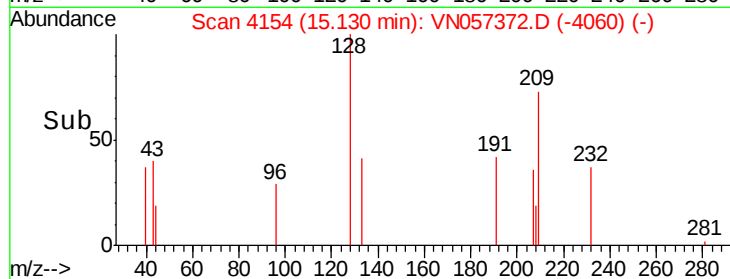
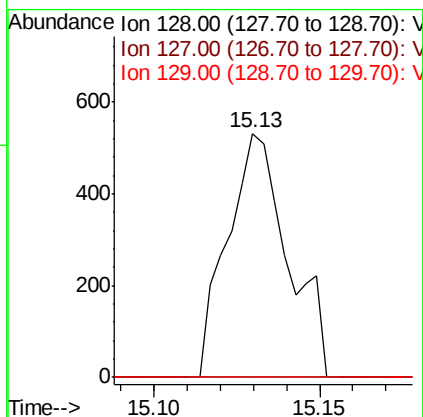
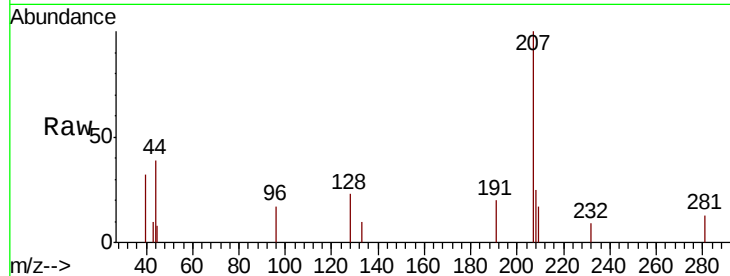




#95
Naphthalene
Concen: Below Cal
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN057372.D
Acq: 16 Aug 2019 22:49

Instrument :
MSVOA_N
ClientSampleId :
TP-3

Tgt Ion:128 Resp: 676
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: Below Cal
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN057372.D
Acq: 16 Aug 2019 22:49

Tgt Ion:180 Resp: 298
Ion Ratio Lower Upper
180 100
182 54.7 47.9 143.6
145 0.0 15.1 45.3#

