

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081919\
 Data File : VN057423.D
 Acq On : 20 Aug 2019 1:38
 Operator : JC/SP
 Sample : K4386-26
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E3-(2)

Quant Time: Aug 20 08:50:44 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	1013105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1403655	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1158818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	289054	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	457296	41.52	ug/l	0.00
Spiked Amount			Recovery	=	83.04%	
35) Dibromofluoromethane	7.58	113	423450	46.02	ug/l	0.00
Spiked Amount			Recovery	=	92.04%	
50) Toluene-d8	10.09	98	1625346	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
62) 4-Bromofluorobenzene	12.40	95	413465	34.77	ug/l	0.00
Spiked Amount			Recovery	=	69.54%	

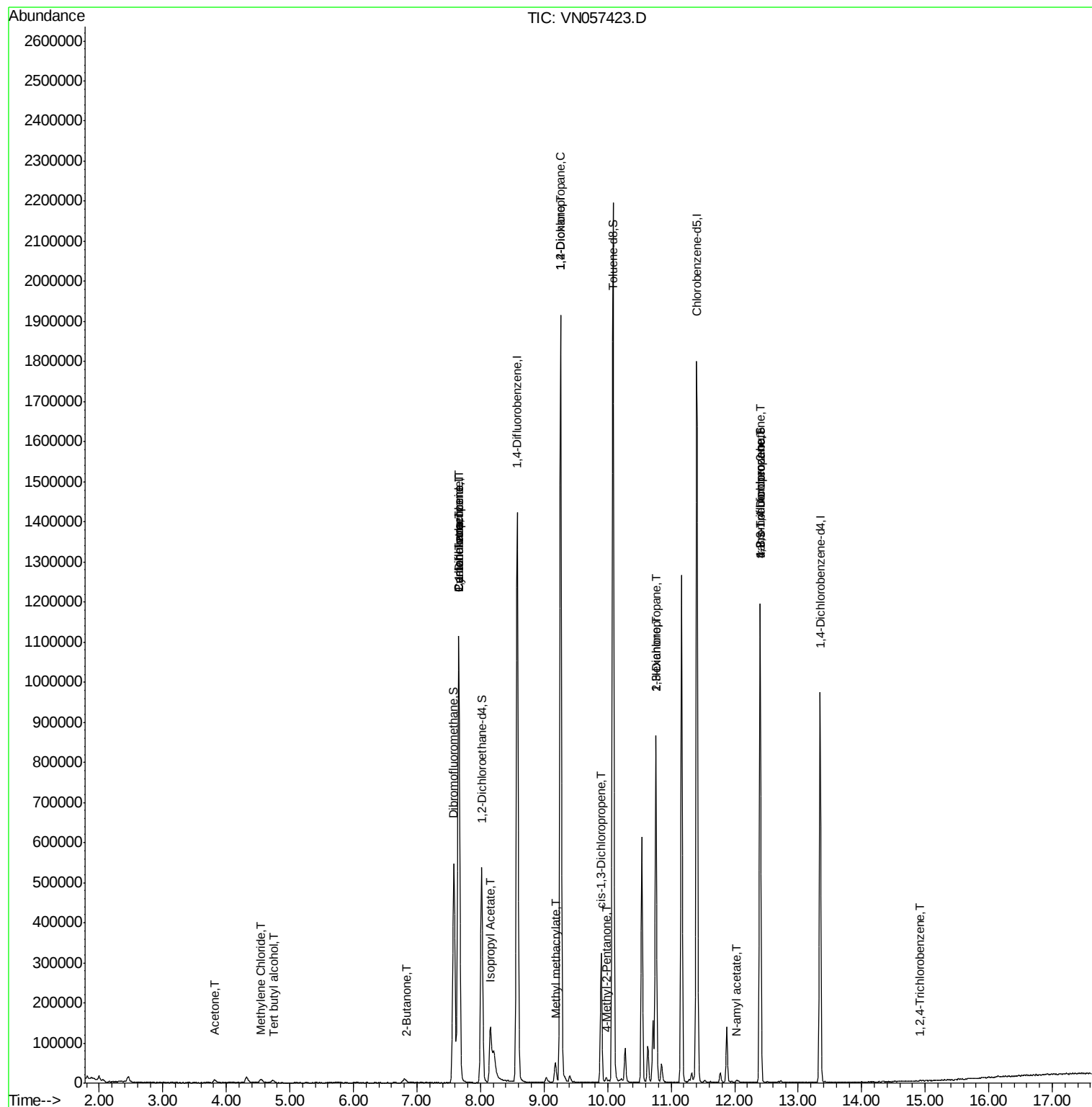
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	3707	2.368	ug/l #	73
16) Acetone	3.81	43	11147	2.918	ug/l	90
20) Methylene Chloride	4.54	84	6404	0.599	ug/l #	83
25) 2-Butanone	6.84	43	1852	0.335	ug/l #	48
31) Cyclohexane	7.65	56	14183	0.945	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	59347	4.789	ug/l #	48
38) Carbon Tetrachloride	7.66	117	85127	6.611	ug/l #	16
43) Isopropyl Acetate	8.15	43	166949	8.047	ug/l #	85
45) 1,2-Dichloropropane	9.26	63	2726	0.279	ug/l #	44
48) Methyl methacrylate	9.18	41	7291	0.872	ug/l #	11
49) 1,4-Dioxane	9.26	88	66	0.375	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	8536	0.815	ug/l	91
54) cis-1,3-Dichloropropene	9.90	75	65543	4.255	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	9358	0.604	ug/l #	43
59) 2-Hexanone	10.76	43	116284	15.446	ug/l #	51
73) Isopropylbenzene	12.24	105	117	Below Cal	#	49
74) N-amyl acetate	12.03	43	4884	0.582	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.40	83	148	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	189834	32.709	ug/l #	100
79) 2-Chlorotoluene	12.67	91	206	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	1384	Below Cal		99
81) trans-1,4-Dichloro-2-buten	12.40	75	189834	80.082	ug/l #	15
83) tert-Butylbenzene	12.99	119	97	Below Cal	#	28
85) sec-Butylbenzene	13.18	105	439	Below Cal	#	55
90) Hexachloroethane	13.91	117	30	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	488	5.471	ug/l #	66
95) Naphthalene	15.13	128	476	Below Cal	#	69
96) 1,2,3-Trichlorobenzene	15.30	180	375	Below Cal		91

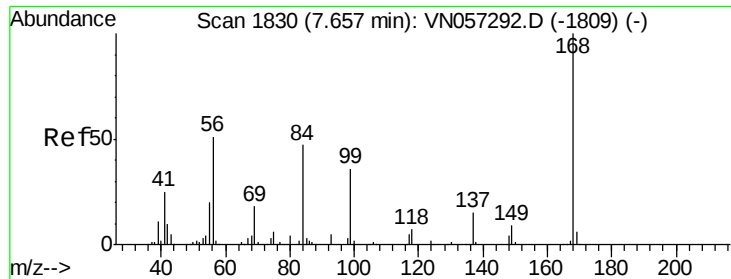
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057423.D

Acq: 20 Aug 2019 1:38

Instrument :

MSVOA_N

ClientSampleId :

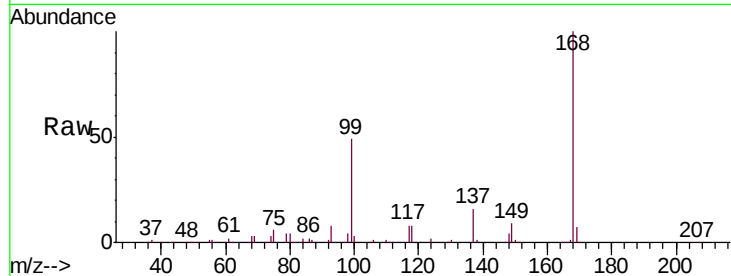
T8-E3-(2)

Tgt Ion:168 Resp: 1013105

Ion Ratio Lower Upper

168 100

99 48.7 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

400000

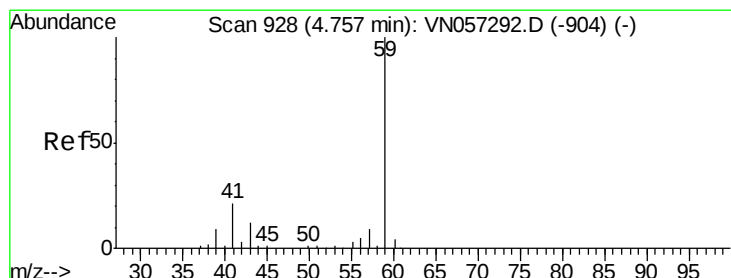
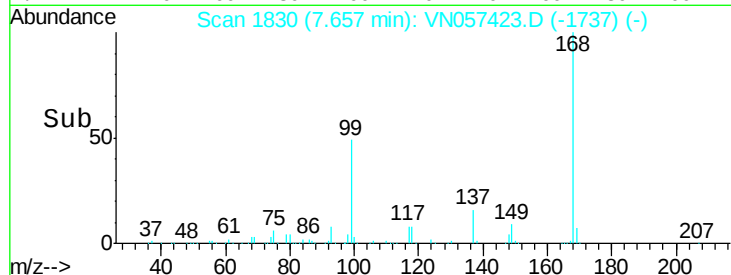
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.368 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.03 min

Lab File: VN057423.D

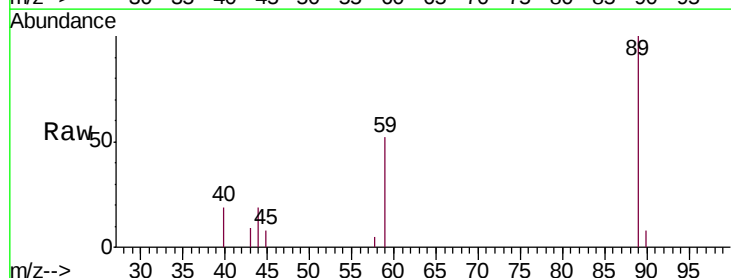
Acq: 20 Aug 2019 1:38

Tgt Ion: 59 Resp: 3707

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.73

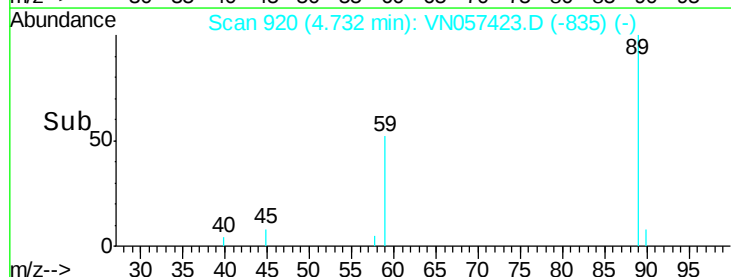
1500

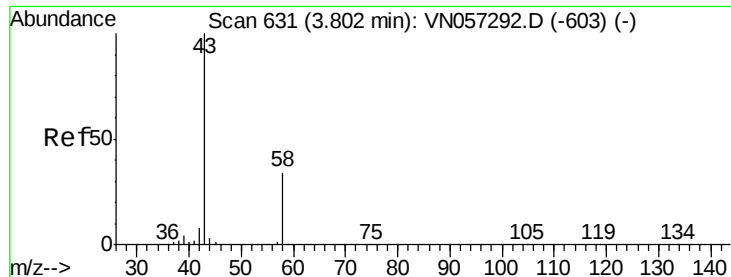
1000

500

0

Time-->





#16

Acetone

Concen: 2.918 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057423.D

Acq: 20 Aug 2019 1:38

Instrument :

MSVOA_N

ClientSampleId :

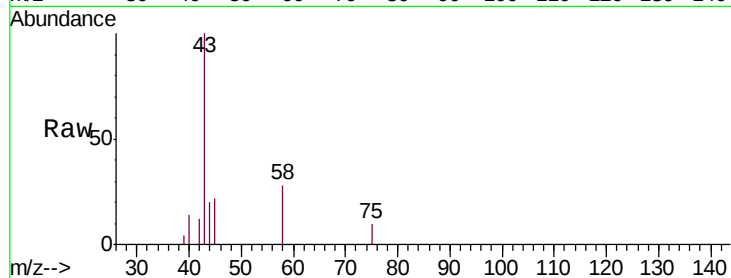
T8-E3-(2)

Tgt Ion: 43 Resp: 11147

Ion Ratio Lower Upper

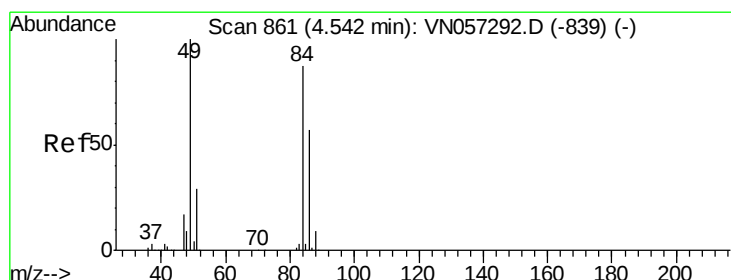
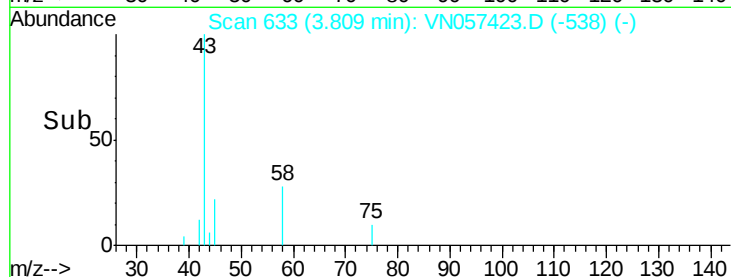
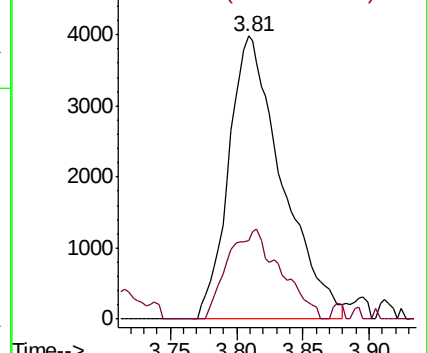
43 100

58 28.0 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



#20

Methylene Chloride

Concen: 0.599 ug/l

RT: 4.54 min Scan# 861

Delta R.T. 0.00 min

Lab File: VN057423.D

Acq: 20 Aug 2019 1:38

Tgt Ion: 84 Resp: 6404

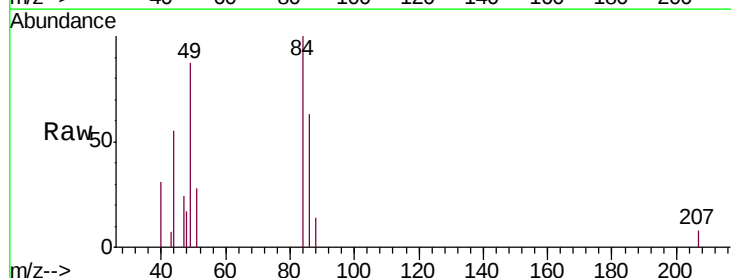
Ion Ratio Lower Upper

84 100

49 87.0 92.0 138.0#

51 27.9 27.1 40.7

86 62.6 52.2 78.2

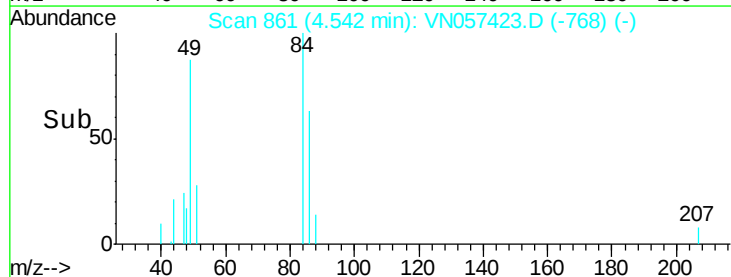
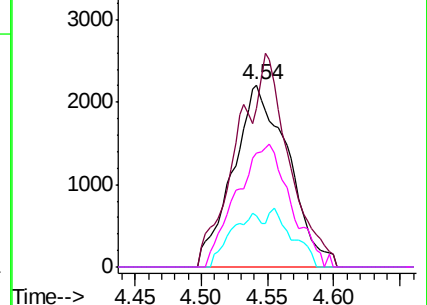


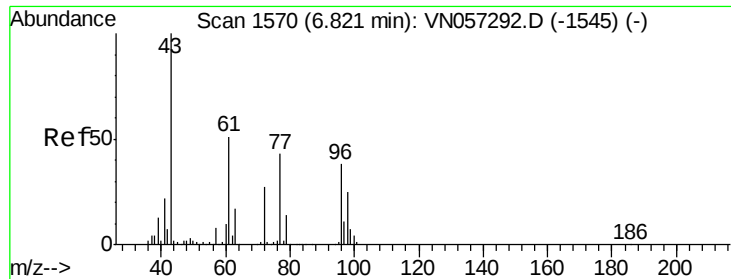
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

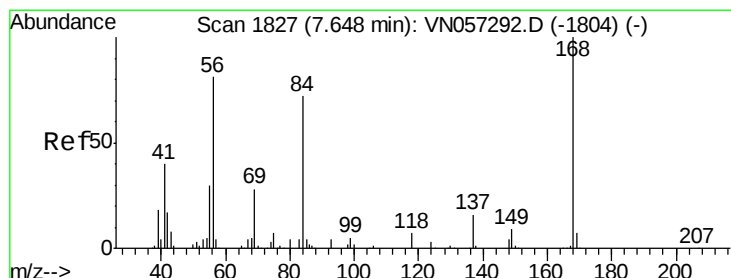
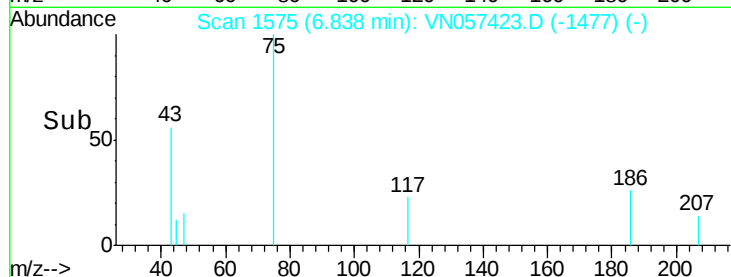
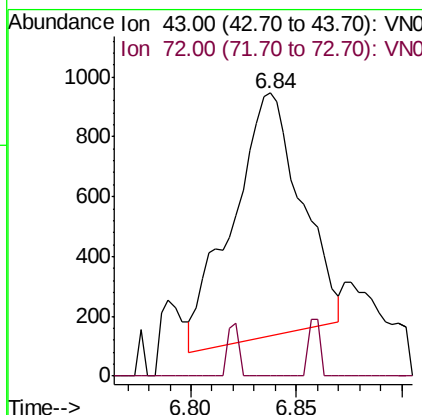
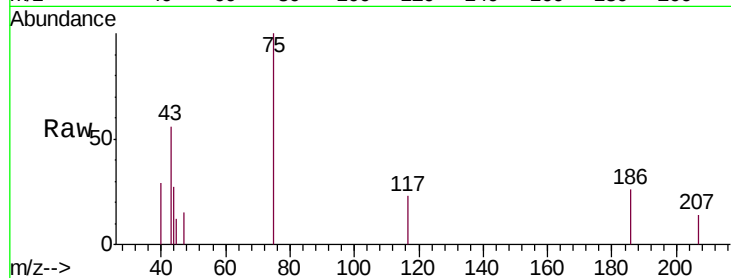




#25
2-Butanone
Concen: 0.335 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.02 min
Lab File: VN057423.D
Acq: 20 Aug 2019 1:38

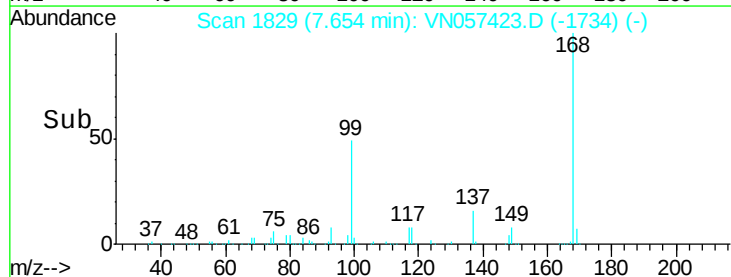
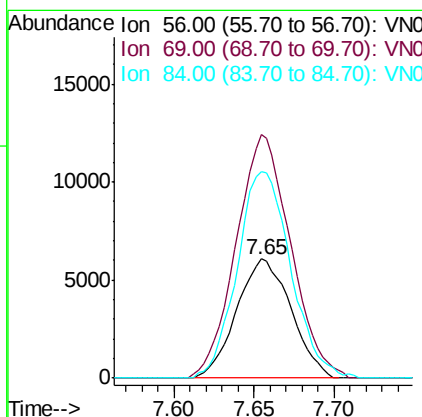
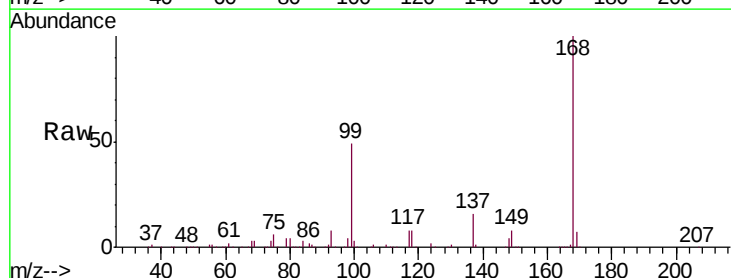
Instrument :
MSVOA_N
ClientSampled :
T8-E3-(2)

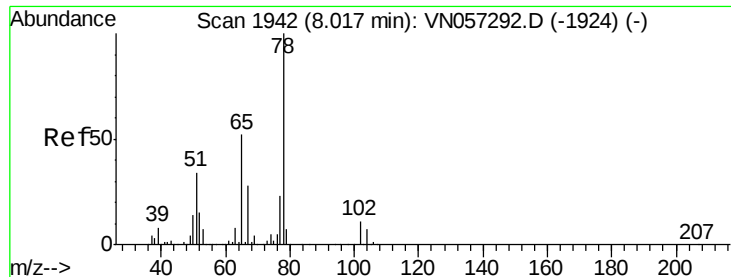
Tgt Ion: 43 Resp: 1852
Ion Ratio Lower Upper
43 100
72 0.0 21.5 32.3#



#31
Cyclohexane
Concen: 0.945 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN057423.D
Acq: 20 Aug 2019 1:38

Tgt Ion: 56 Resp: 14183
Ion Ratio Lower Upper
56 100
69 204.0 27.3 40.9#
84 172.6 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 41.521 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057423.D

Acq: 20 Aug 2019 1:38

Instrument :

MSVOA_N

ClientSampleId :

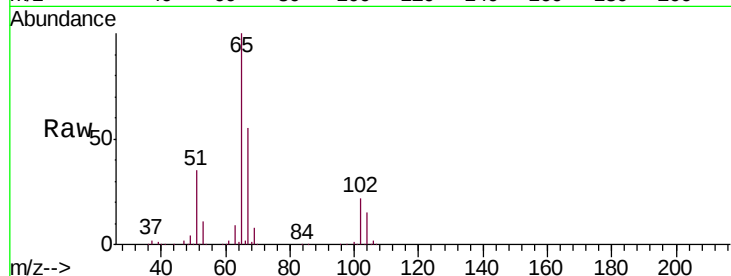
T8-E3-(2)

Tgt Ion: 65 Resp: 457296

Ion Ratio Lower Upper

65 100

67 54.5 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN057423.D (-1849) (-)

Ion 66.90 (66.60 to 67.60): VN057423.D (-1849) (-)

8.02

200000

150000

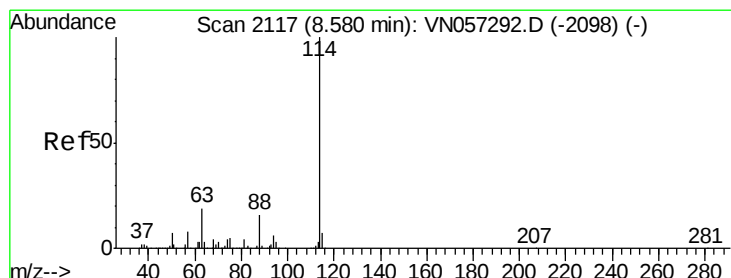
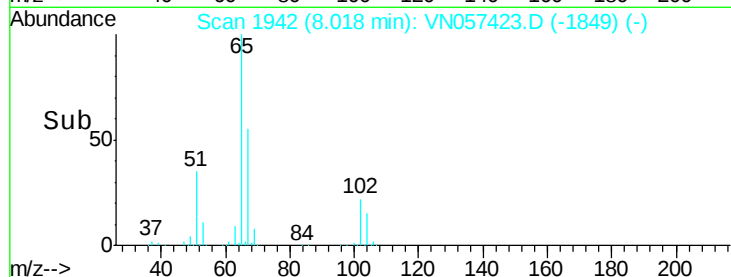
100000

50000

0

7.90 8.00 8.10 8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. -0.00 min

Lab File: VN057423.D

Acq: 20 Aug 2019 1:38

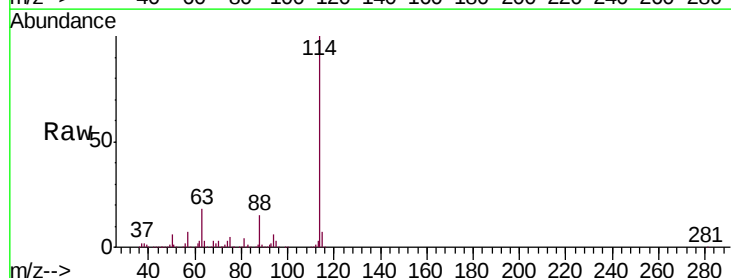
Tgt Ion: 114 Resp: 1403655

Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.8

88 15.0 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN057423.D (-2024) (-)

Ion 63.00 (62.70 to 63.70): VN057423.D (-2024) (-)

Ion 87.90 (87.60 to 88.60): VN057423.D (-2024) (-)

8.58

800000

600000

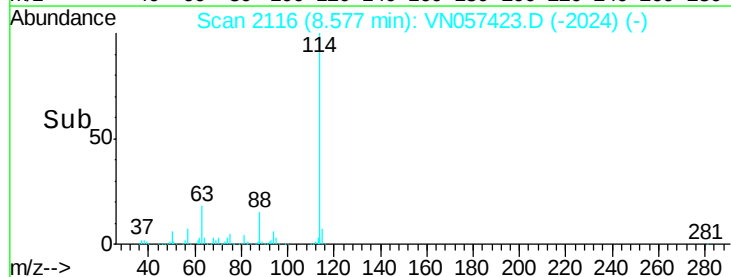
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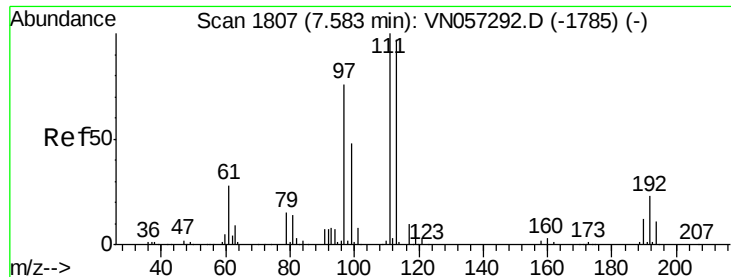
200000

0

8.50 8.60 8.70

Time-->

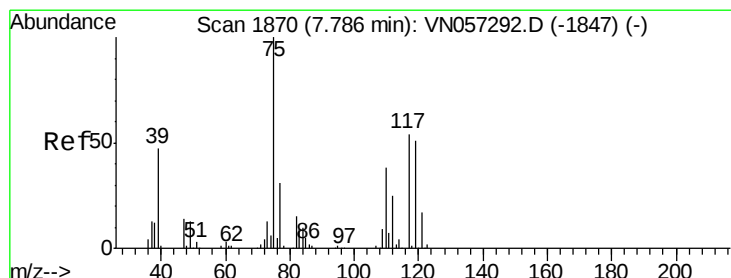
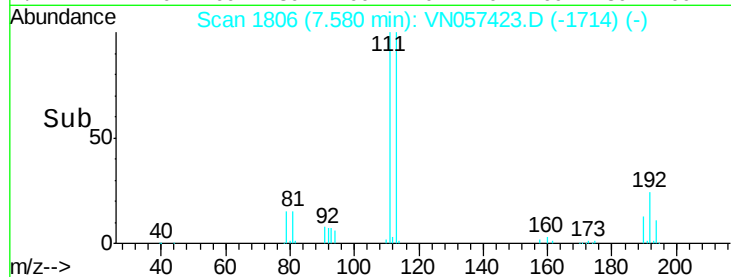
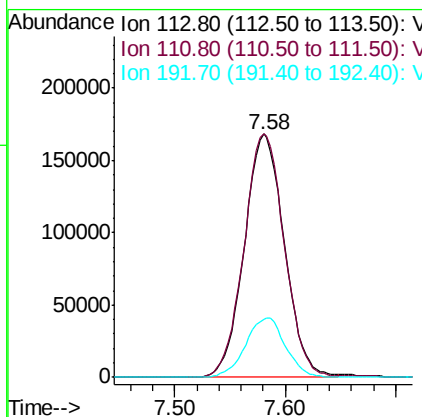
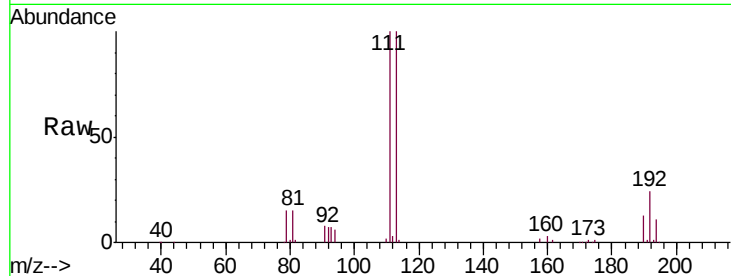




#35
 Dibromofluoromethane
 Concen: 46.021 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057423.D
 Acq: 20 Aug 2019 1:38

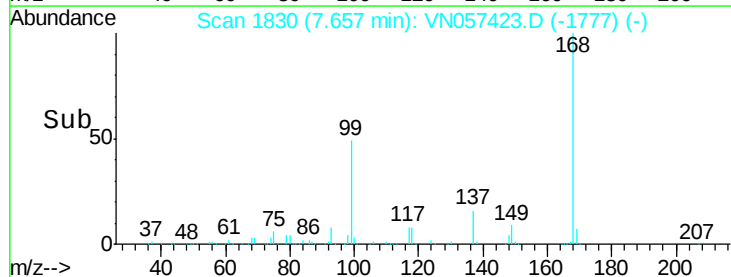
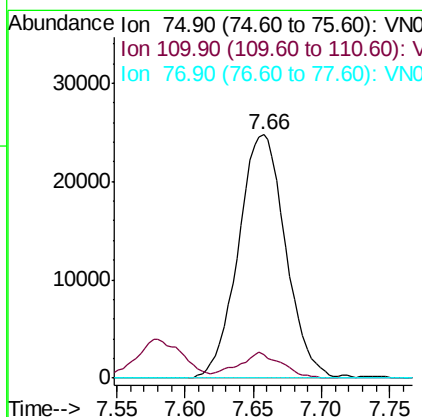
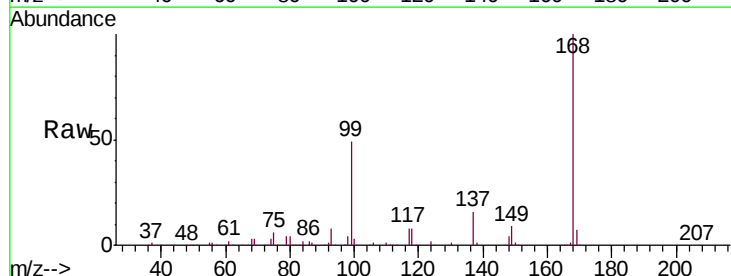
Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E3-(2)

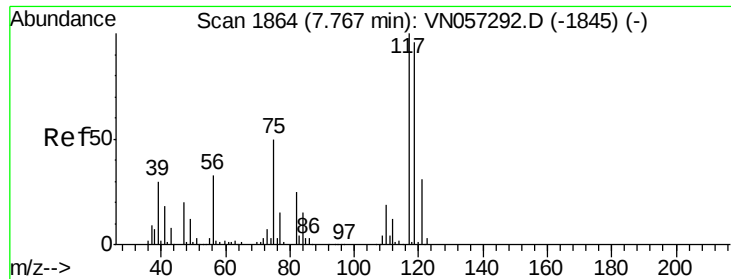
Tgt Ion:113 Resp: 423450
 Ion Ratio Lower Upper
 113 100
 111 100.7 82.1 123.1
 192 24.3 19.3 28.9



#36
 1,1-Dichloropropene
 Concen: 4.789 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN057423.D
 Acq: 20 Aug 2019 1:38

Tgt Ion: 75 Resp: 59347
 Ion Ratio Lower Upper
 75 100
 110 9.8 19.5 58.5#
 77 0.0 25.0 37.6#

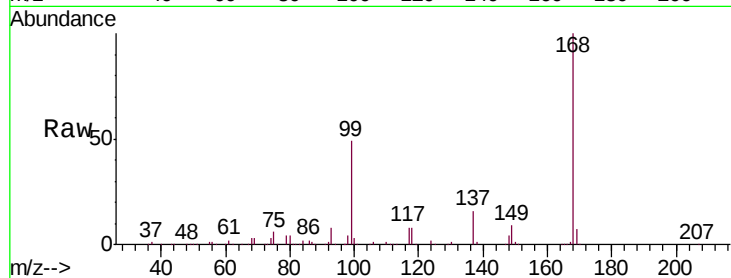




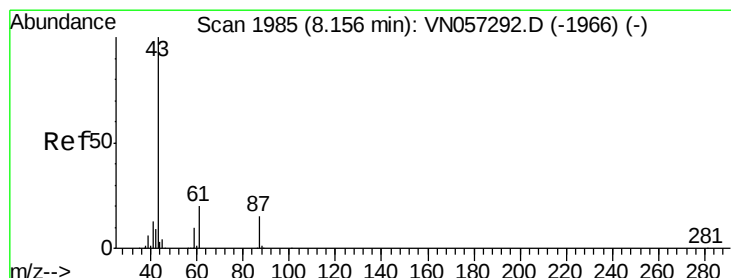
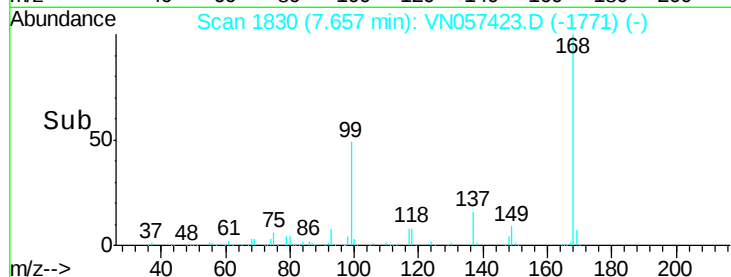
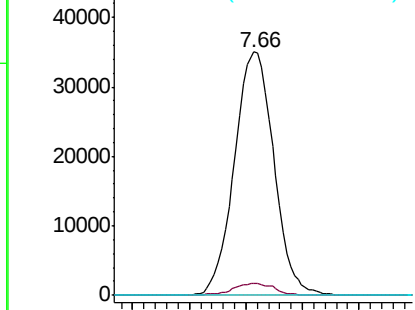
#38
Carbon Tetrachloride
Concen: 6.611 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN057423.D
Acq: 20 Aug 2019 1:38

Instrument :
MSVOA_N
ClientSampled :
T8-E3-(2)

Tgt Ion: 117 Resp: 85127
Ion Ratio Lower Upper
117 100
119 5.2 76.8 115.2#
121 0.0 25.0 37.4#

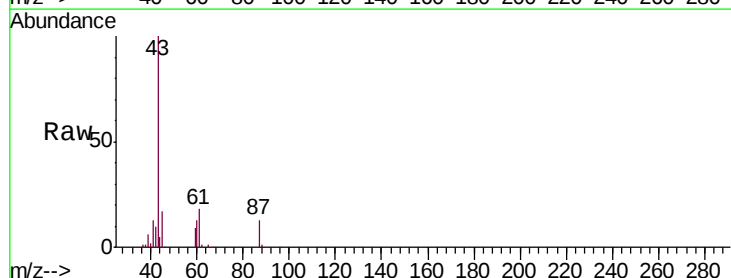


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

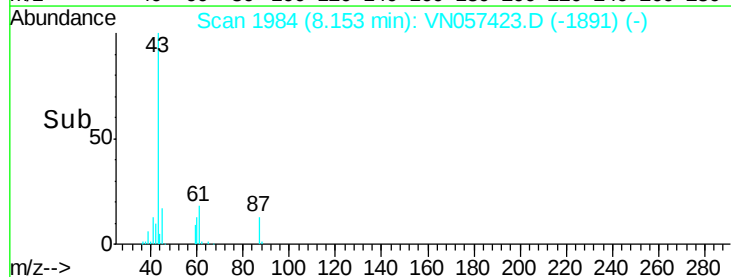
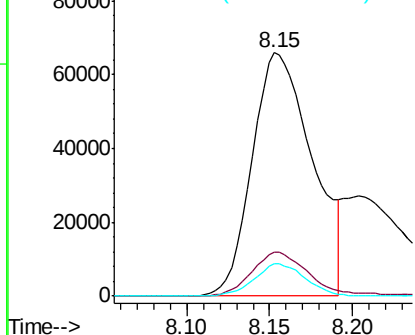


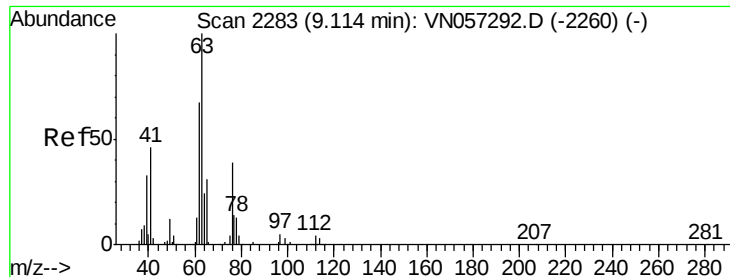
#43
Isopropyl Acetate
Concen: 8.047 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. -0.00 min
Lab File: VN057423.D
Acq: 20 Aug 2019 1:38

Tgt Ion: 43 Resp: 166949
Ion Ratio Lower Upper
43 100
61 17.3 21.6 32.4#
87 11.3 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO

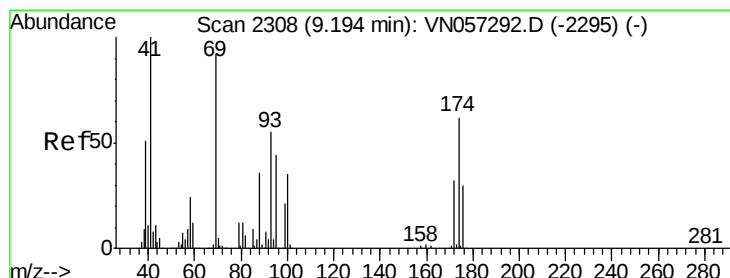
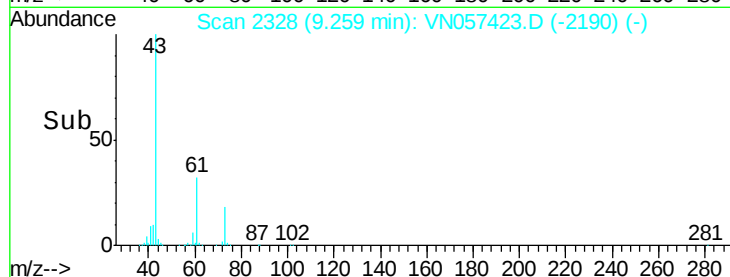
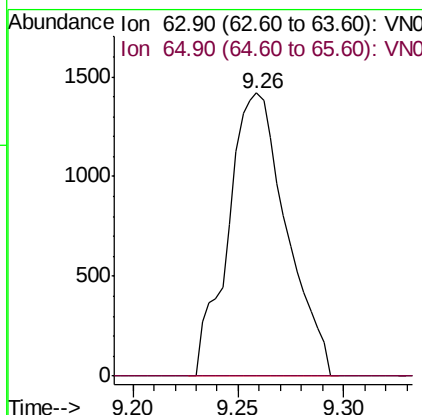
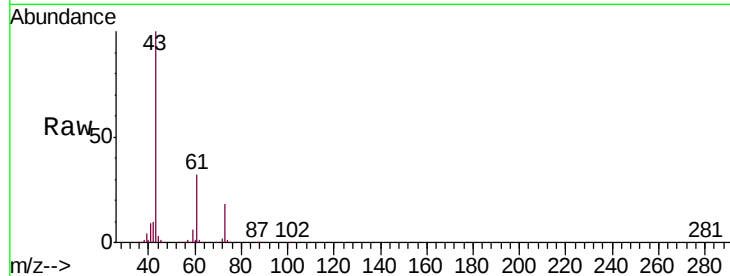




#45
 1,2-Dichloropropane
 Concen: 0.279 ug/l
 RT: 9.26 min Scan# 2328
 Delta R.T. 0.14 min
 Lab File: VN057423.D
 Acq: 20 Aug 2019 1:38

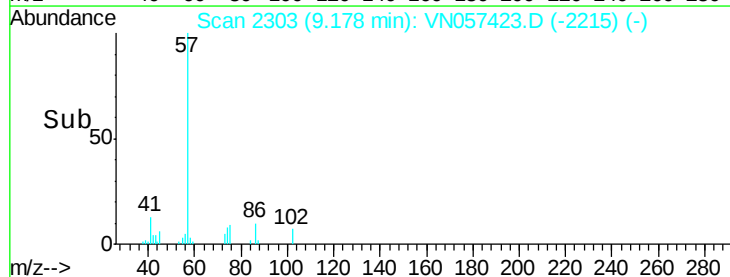
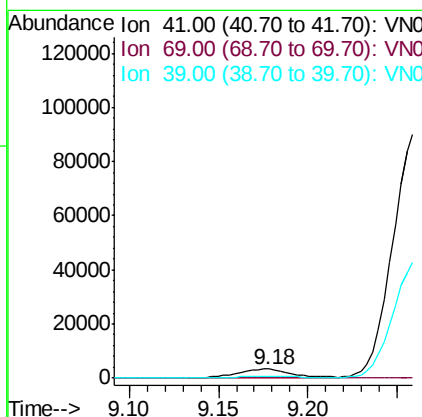
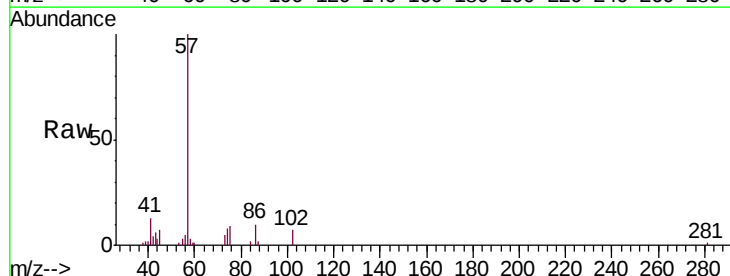
Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E3-(2)

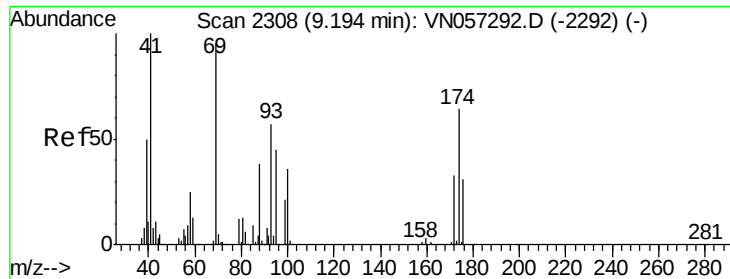
Tgt Ion: 63 Resp: 2726
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.8 37.2#



#48
 Methyl methacrylate
 Concen: 0.872 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN057423.D
 Acq: 20 Aug 2019 1:38

Tgt Ion: 41 Resp: 7291
 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: 0.375 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.06 min

Lab File: VN057423.D

Acq: 20 Aug 2019 1:38

Instrument :

MSVOA_N

ClientSampled :

T8-E3-(2)

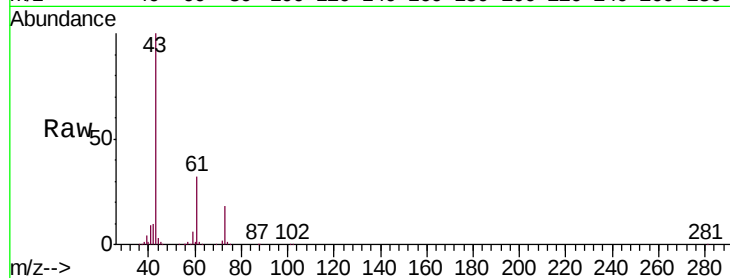
Tgt Ion: 88 Resp: 66

Ion Ratio Lower Upper

88 100

43 2806363.6 22.9 34.3#

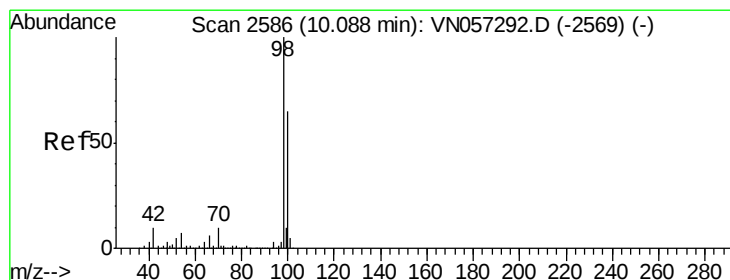
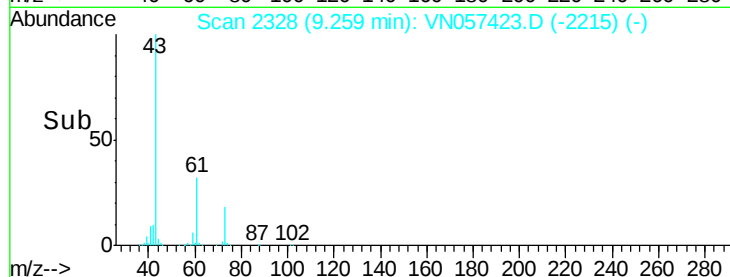
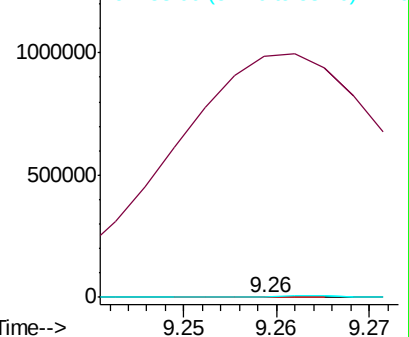
58 12868.2 52.7 79.1#



Abundance Ion 88.00 (87.70 to 88.70): VNC

Ion 43.00 (42.70 to 43.70): VNC

Ion 58.00 (57.70 to 58.70): VNC



#50

Toluene-d8

Concen: 48.296 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057423.D

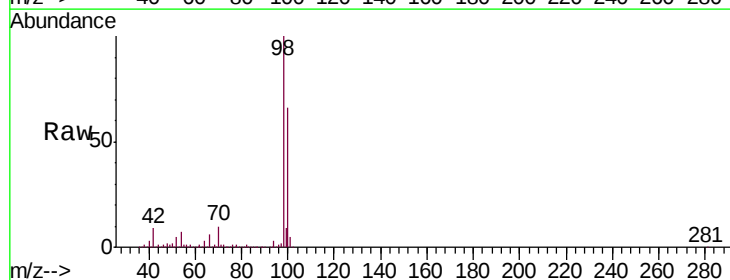
Acq: 20 Aug 2019 1:38

Tgt Ion: 98 Resp: 1625346

Ion Ratio Lower Upper

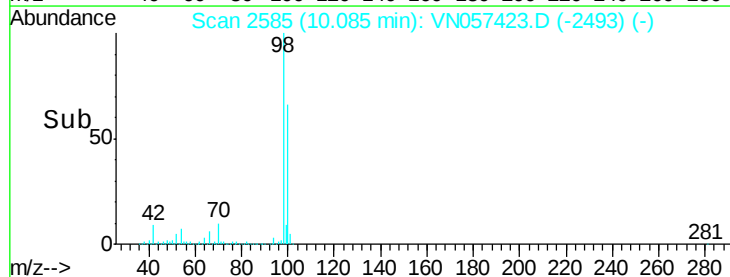
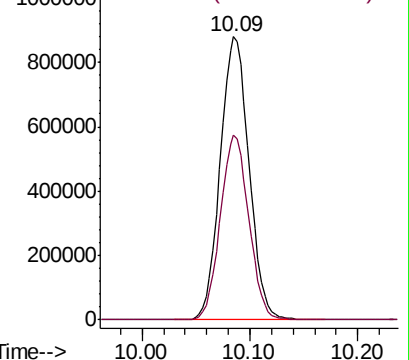
98 100

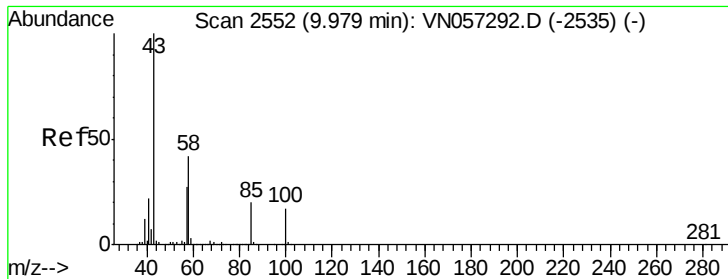
100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VNC

Ion 100.00 (99.70 to 100.70): VNC

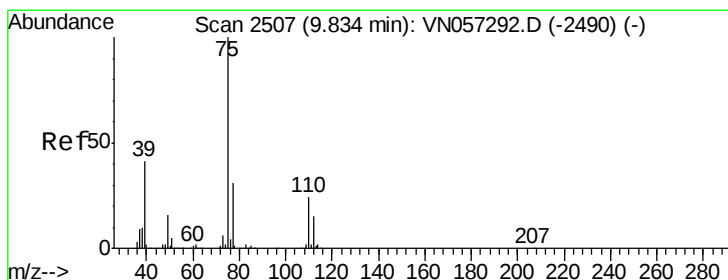
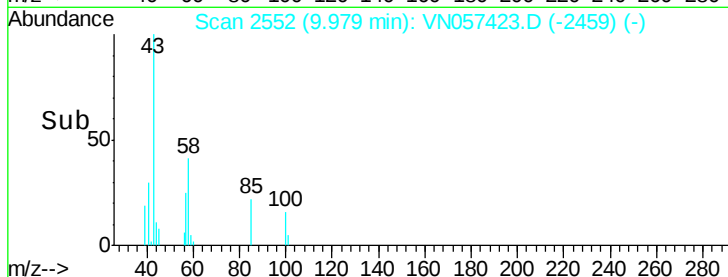
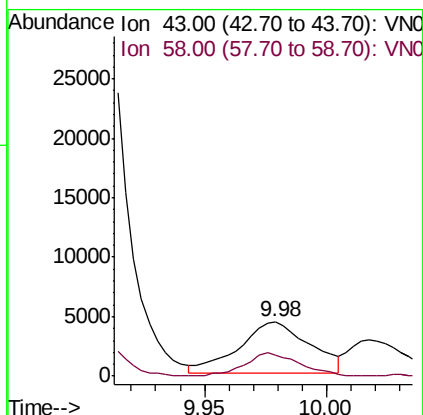
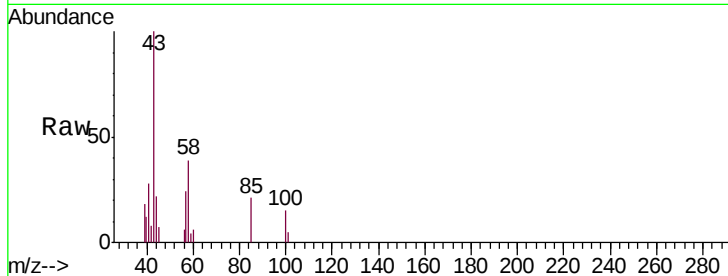




#51
 4-Methyl-2-Pentanone
 Concen: 0.815 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN057423.D
 Acq: 20 Aug 2019 1:38

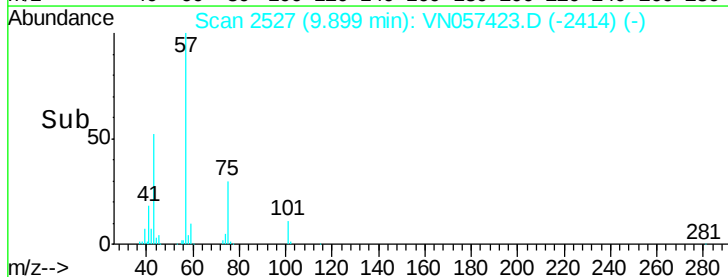
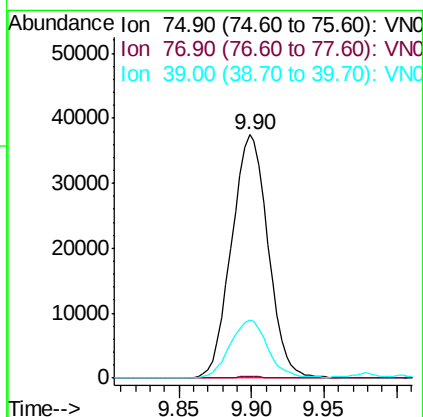
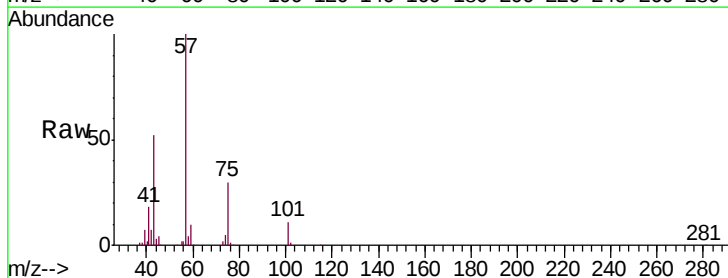
Instrument :
 MSVOA_N
 ClientSampled :
 T8-E3-(2)

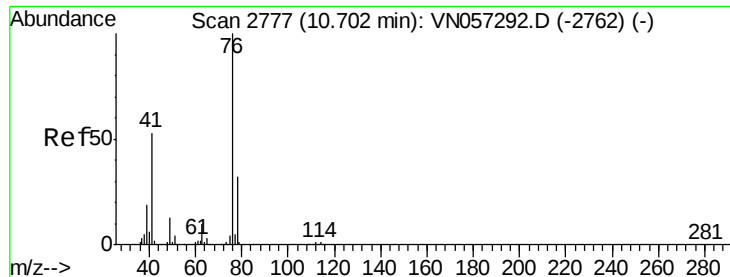
Tgt Ion: 43 Resp: 8536
 Ion Ratio Lower Upper
 43 100
 58 35.6 33.2 49.8



#54
 cis-1,3-Dichloropropene
 Concen: 4.255 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057423.D
 Acq: 20 Aug 2019 1:38

Tgt Ion: 75 Resp: 65543
 Ion Ratio Lower Upper
 75 100
 77 0.7 24.9 37.3#
 39 23.6 32.7 49.1#

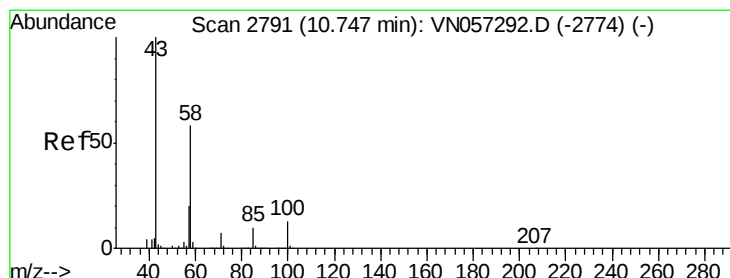
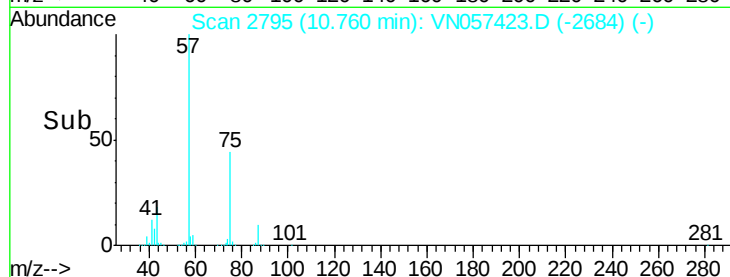
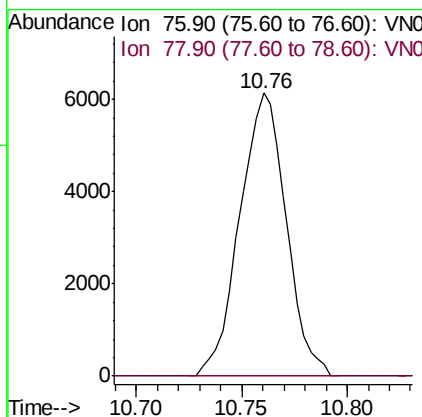
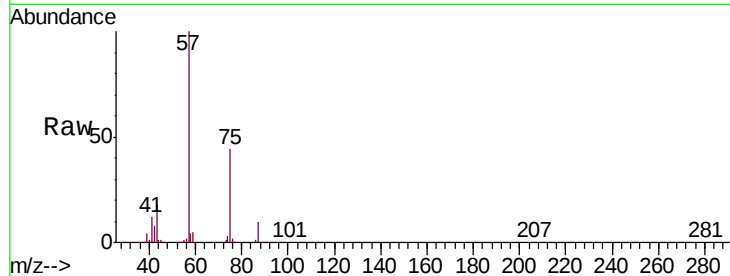




#57
 1,3-Dichloropropane
 Concen: 0.604 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.06 min
 Lab File: VN057423.D
 Acq: 20 Aug 2019 1:38

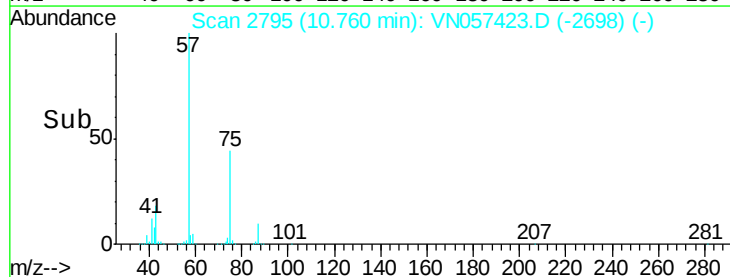
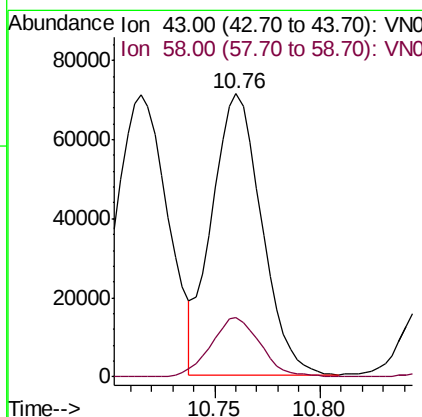
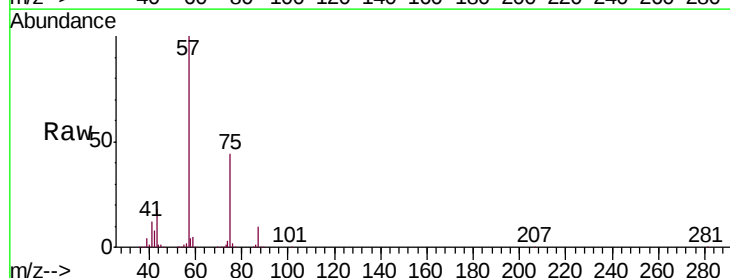
Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E3-(2)

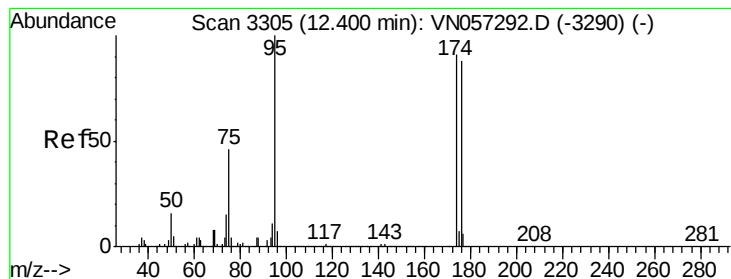
Tgt Ion: 76 Resp: 9358
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 15.446 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN057423.D
 Acq: 20 Aug 2019 1:38

Tgt Ion: 43 Resp: 116284
 Ion Ratio Lower Upper
 43 100
 58 21.2 28.6 85.9#





#62

4-Bromofluorobenzene

Concen: 34.765 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057423.D

Acq: 20 Aug 2019 1:38

Instrument :

MSVOA_N

ClientSampleId :

T8-E3-(2)

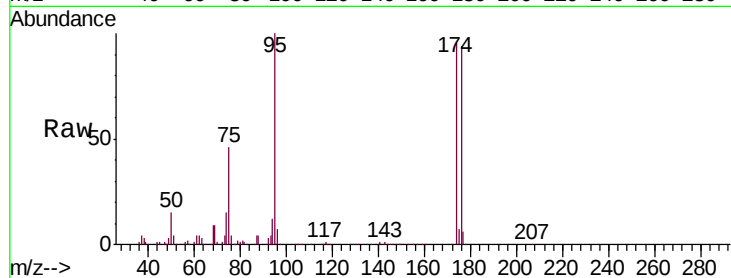
Tgt Ion: 95 Resp: 413465

Ion Ratio Lower Upper

95 100

174 97.8 0.0 185.0

176 94.8 0.0 181.0



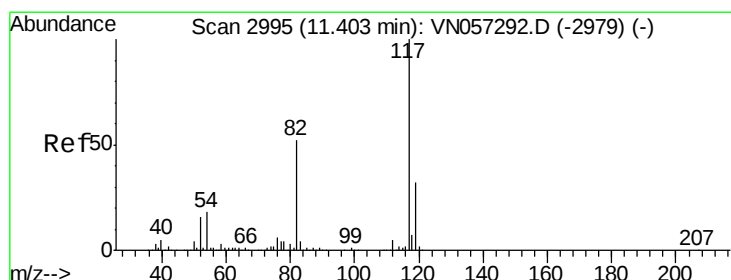
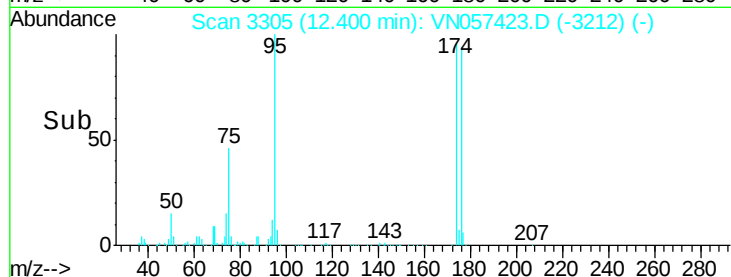
Abundance Ion 94.90 (94.60 to 95.60): VN057423.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN057423.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN057423.D (-3212) (-)

12.40

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN057423.D

Acq: 20 Aug 2019 1:38

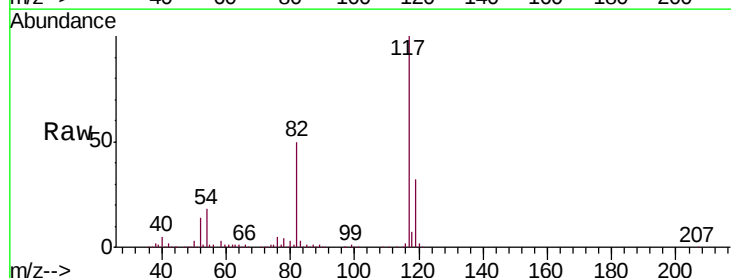
Tgt Ion: 117 Resp: 1158818

Ion Ratio Lower Upper

117 100

82 50.1 41.2 61.8

119 31.7 25.8 38.8



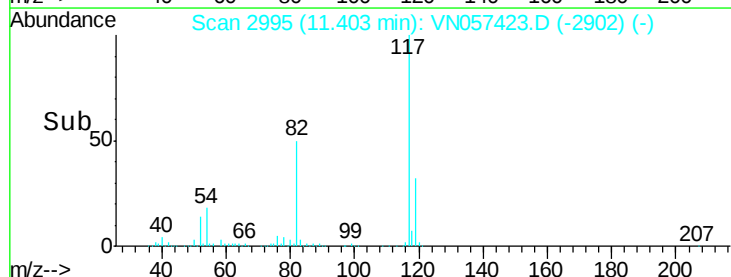
Abundance Ion 116.90 (116.60 to 117.60): VN057423.D (-2902) (-)

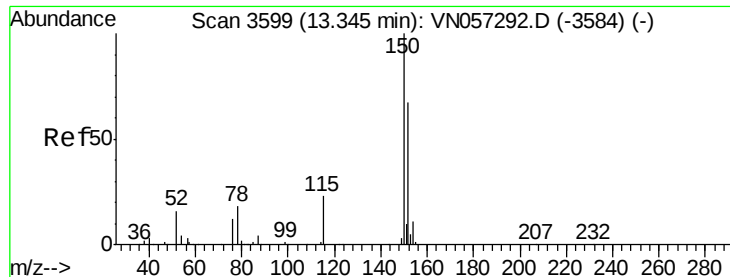
Ion 82.00 (81.70 to 82.70): VN057423.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN057423.D (-2902) (-)

11.40

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057423.D

Acq: 20 Aug 2019 1:38

Instrument :

MSVOA_N

ClientSampled :

T8-E3-(2)

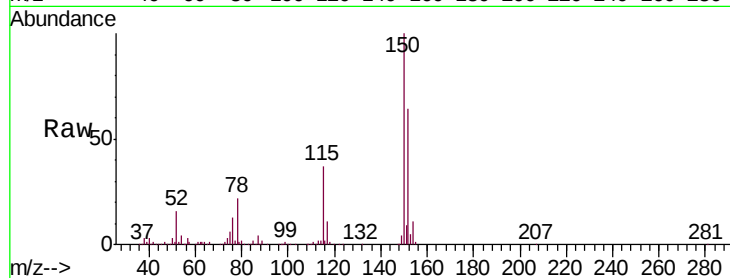
Tgt Ion:152 Resp: 289054

Ion Ratio Lower Upper

152 100

115 55.0 27.3 81.9

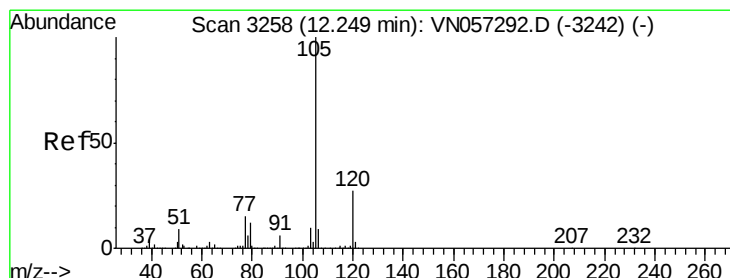
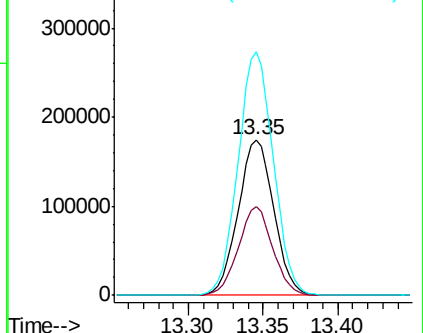
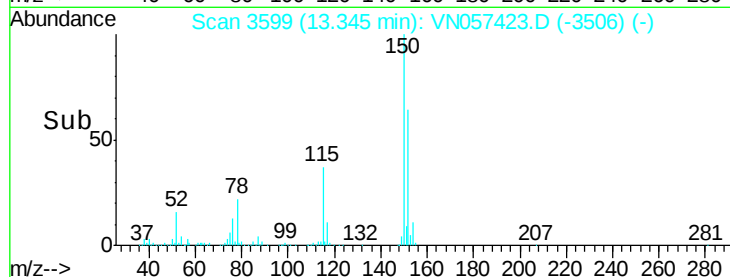
150 155.6 0.0 344.4



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: 12.24 min Scan# 3256

Delta R.T. -0.01 min

Lab File: VN057423.D

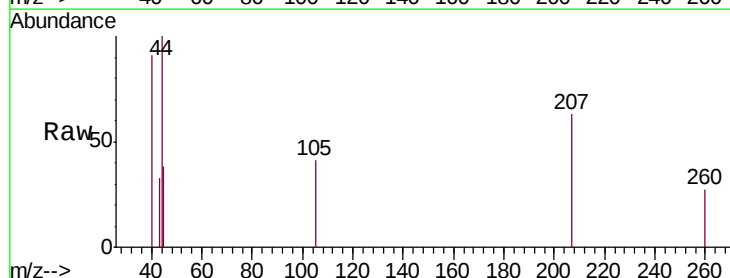
Acq: 20 Aug 2019 1:38

Tgt Ion:105 Resp: 117

Ion Ratio Lower Upper

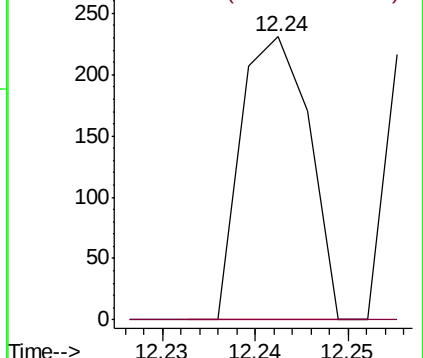
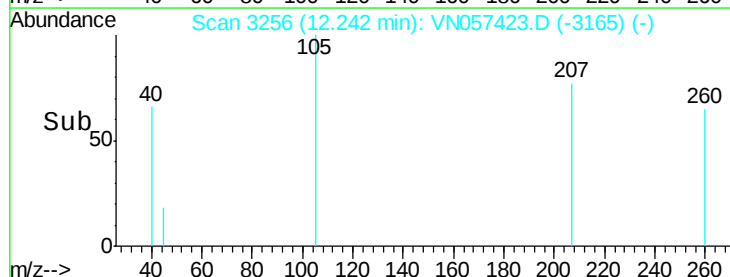
105 100

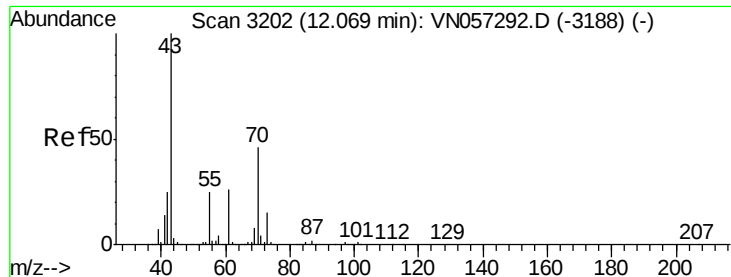
120 0.0 13.2 39.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.582 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057423.D

Acq: 20 Aug 2019 1:38

Instrument :

MSVOA_N

ClientSampleId :

T8-E3-(2)

Tgt Ion: 43 Resp: 4884

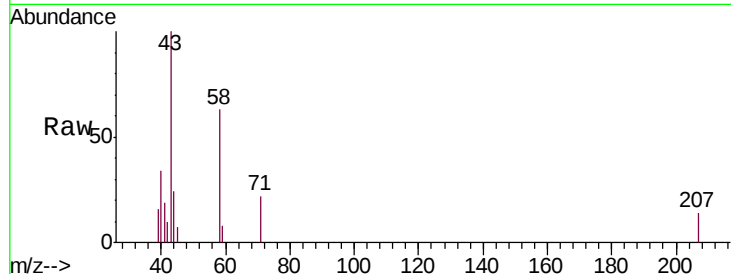
Ion Ratio Lower Upper

43 100

70 0.0 36.2 54.2#

55 1.9 20.1 30.1#

61 0.0 20.9 31.3#

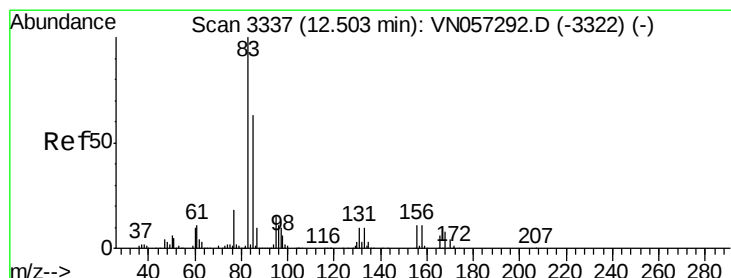
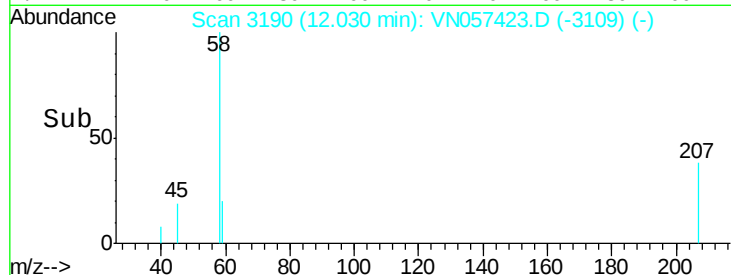
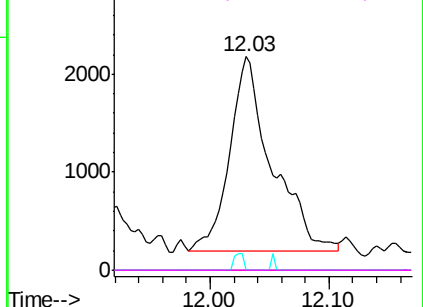


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: VN057423.D

Acq: 20 Aug 2019 1:38

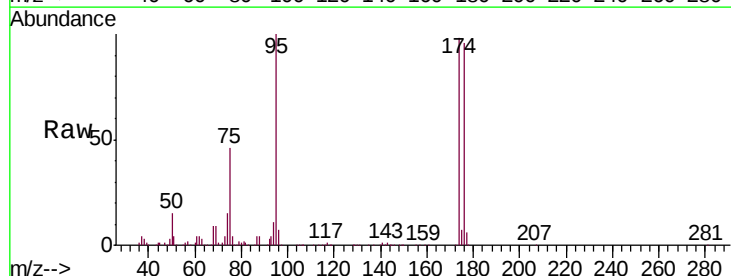
Tgt Ion: 83 Resp: 148

Ion Ratio Lower Upper

83 100

131 208.8 5.4 16.2#

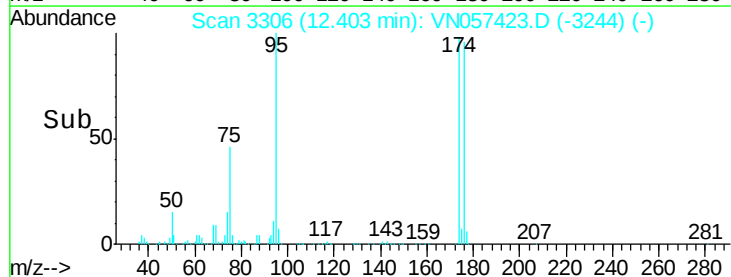
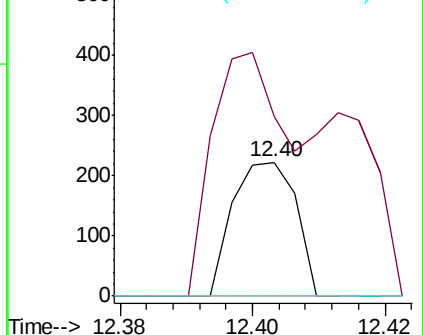
85 0.0 32.3 96.9#

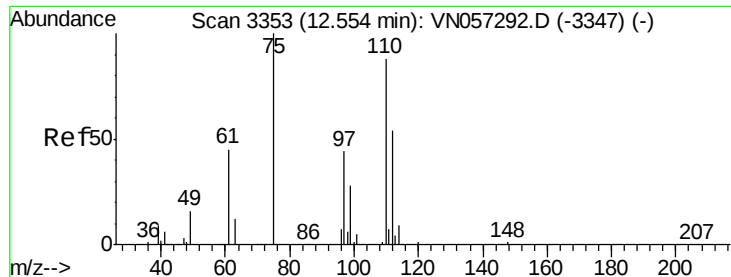


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 32.709 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057423.D

Acq: 20 Aug 2019 1:38

Instrument :

MSVOA_N

ClientSampled :

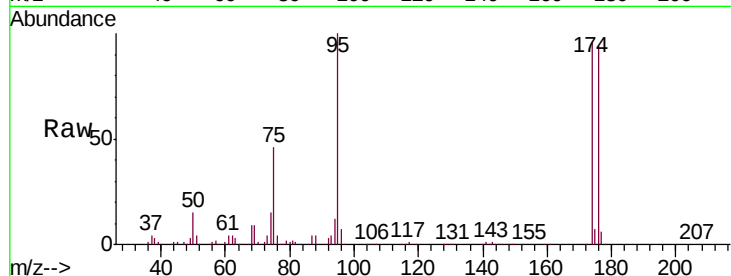
T8-E3-(2)

Tgt Ion: 75 Resp: 189834

Ion Ratio Lower Upper

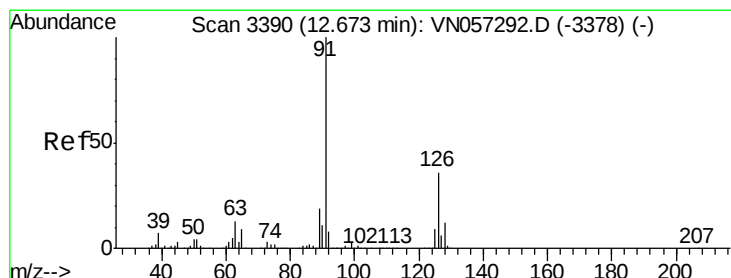
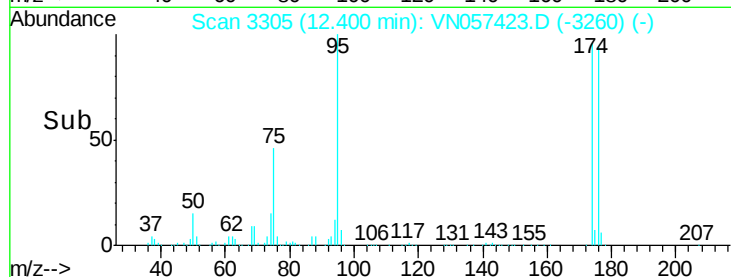
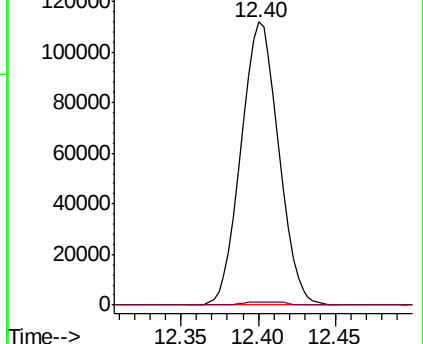
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN057423.D

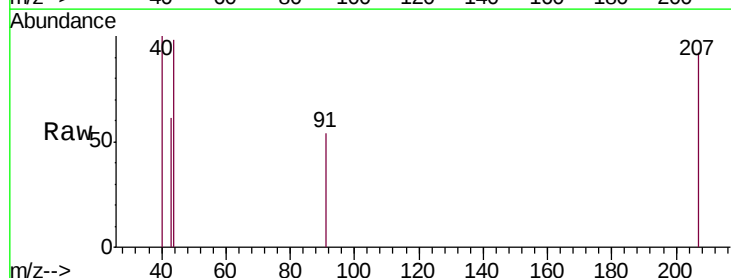
Acq: 20 Aug 2019 1:38

Tgt Ion: 91 Resp: 206

Ion Ratio Lower Upper

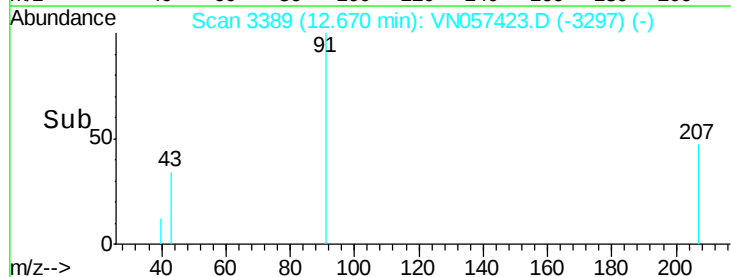
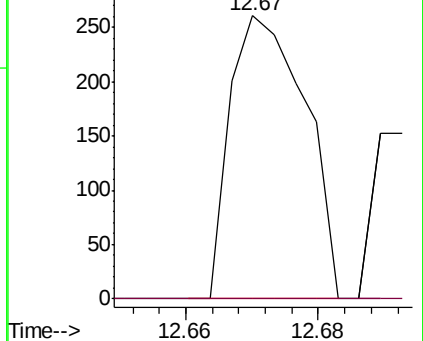
91 100

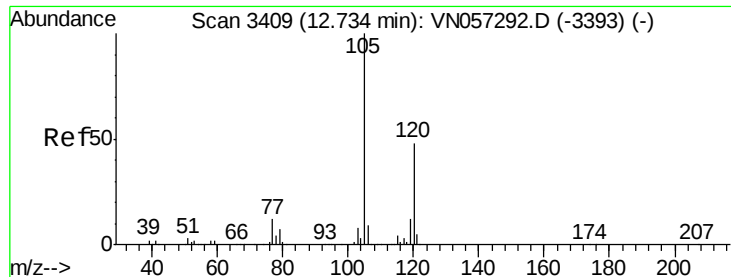
126 0.0 18.1 54.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

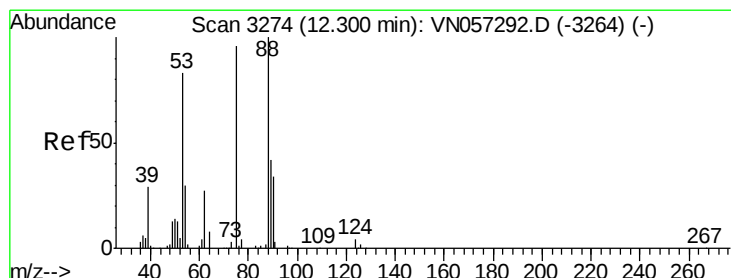
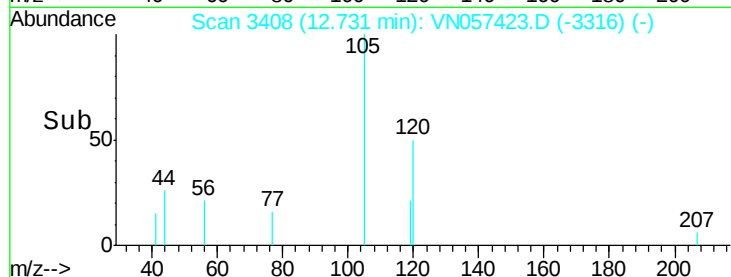
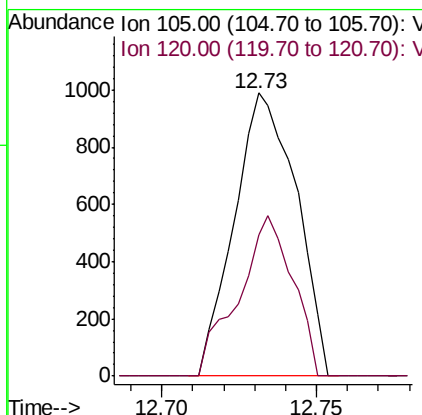
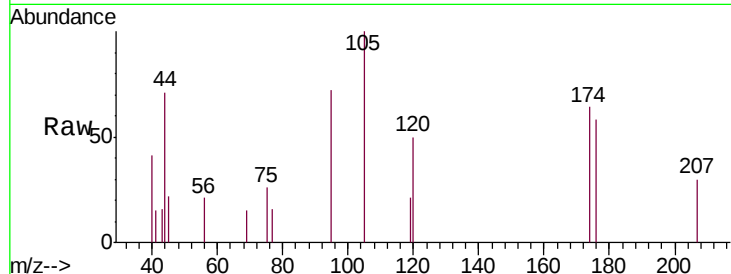




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN057423.D
 Acq: 20 Aug 2019 1:38

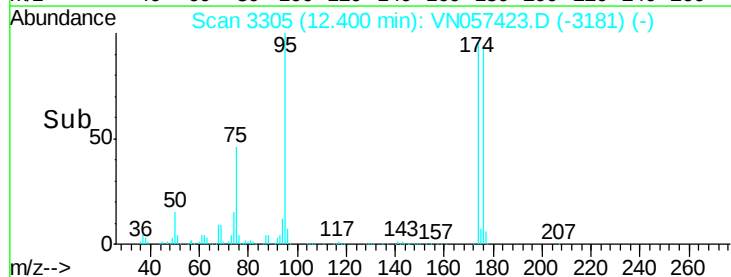
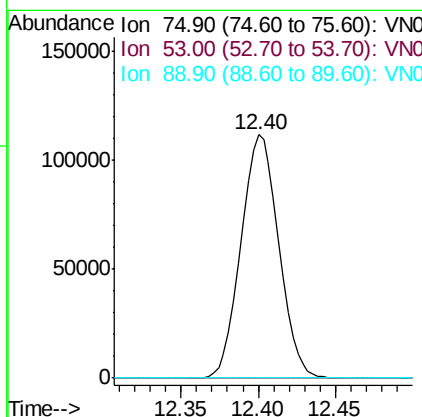
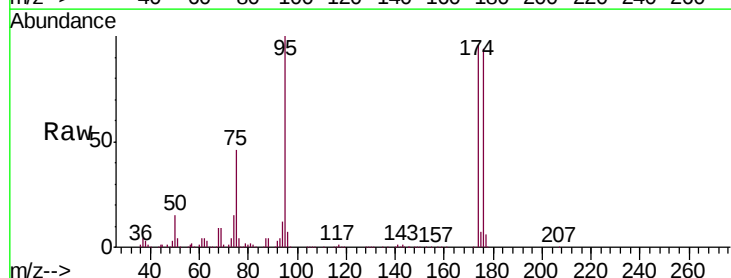
Instrument :
 MSVOA_N
 ClientSampled :
 T8-E3-(2)

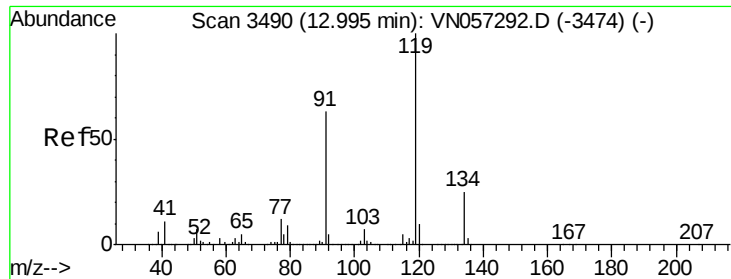
Tgt Ion: 105 Resp: 1384
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.3 73.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.082 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN057423.D
 Acq: 20 Aug 2019 1:38

Tgt Ion: 75 Resp: 189834
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.9 101.9#
 89 0.0 36.2 54.4#

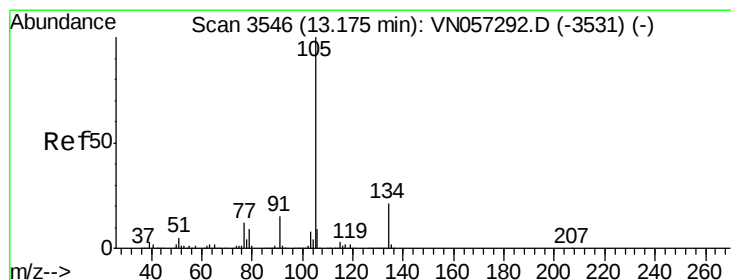
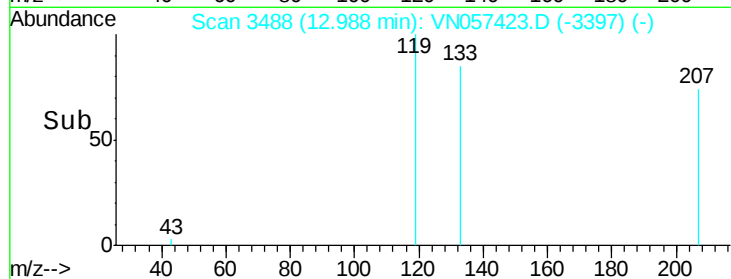
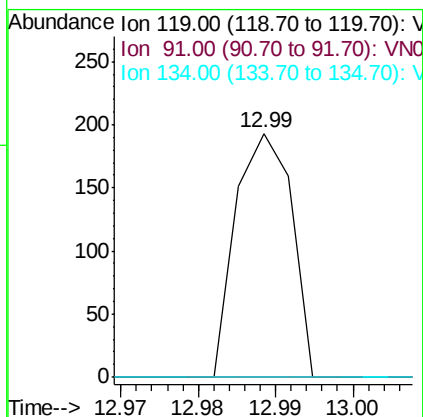
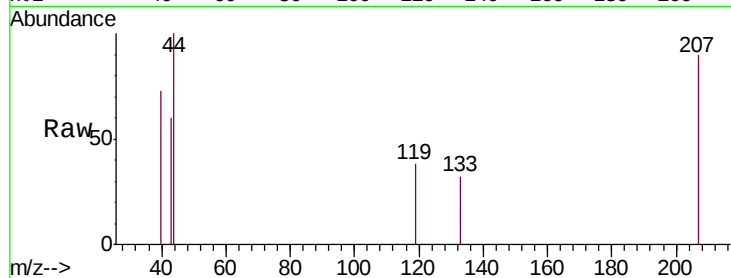




#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3488
Delta R.T. -0.01 min
Lab File: VN057423.D
Acq: 20 Aug 2019 1:38

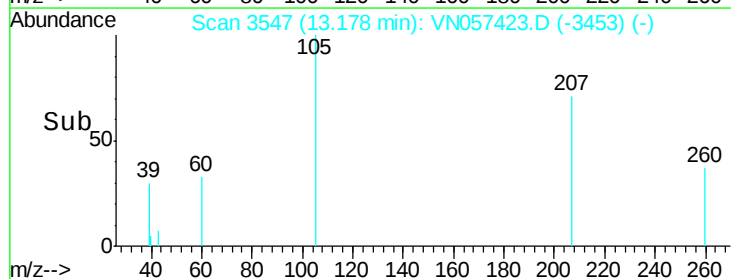
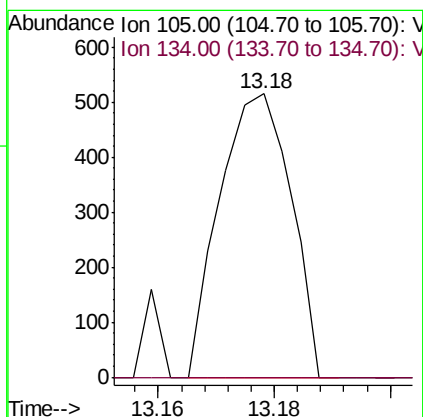
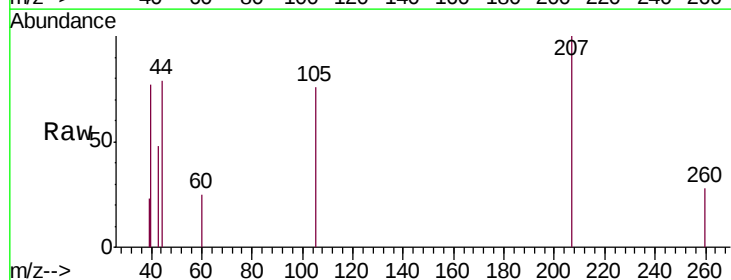
Instrument :
MSVOA_N
ClientSampleId :
T8-E3-(2)

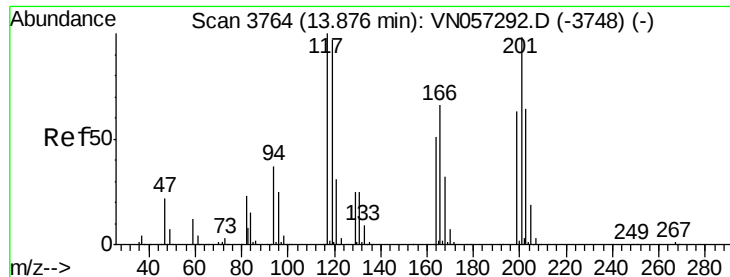
Tgt Ion:119 Resp: 97
Ion Ratio Lower Upper
119 100
91 0.0 31.3 93.8#
134 0.0 13.1 39.1#



#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.18 min Scan# 3547
Delta R.T. 0.00 min
Lab File: VN057423.D
Acq: 20 Aug 2019 1:38

Tgt Ion:105 Resp: 439
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.2#





#90

Hexachloroethane

Concen: Below Cal

RT: 13.91 min Scan# 3776

Delta R.T. 0.04 min

Lab File: VN057423.D

Acq: 20 Aug 2019 1:38

Instrument :

MSVOA_N

ClientSampleId :

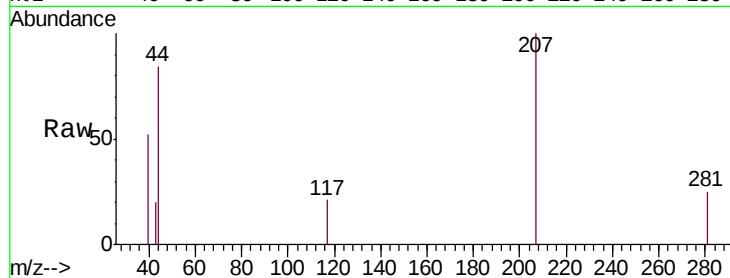
T8-E3-(2)

Tgt Ion:117 Resp: 30

Ion Ratio Lower Upper

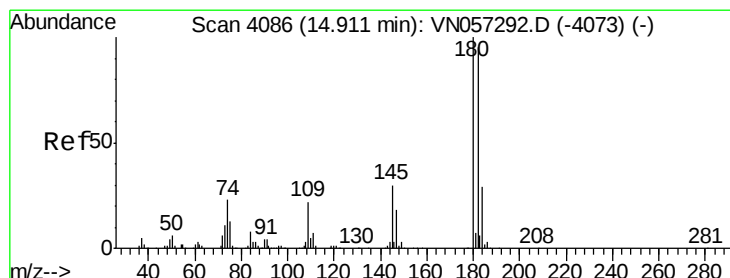
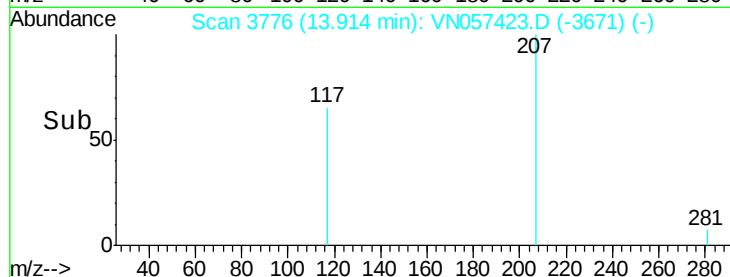
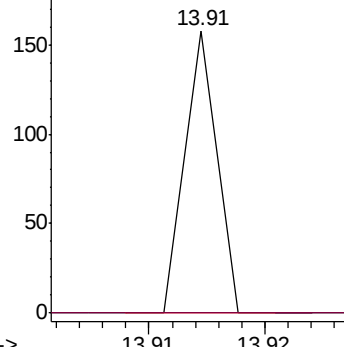
117 100

201 0.0 48.4 145.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 5.471 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN057423.D

Acq: 20 Aug 2019 1:38

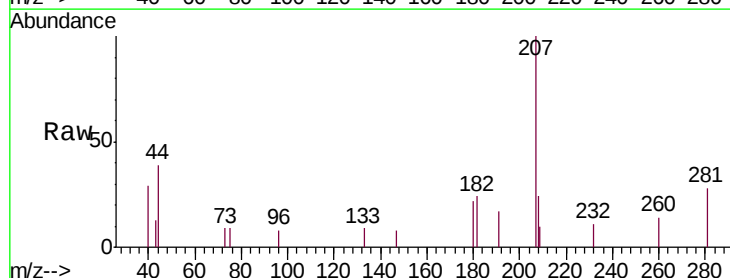
Tgt Ion:180 Resp: 488

Ion Ratio Lower Upper

180 100

182 123.0 48.0 144.2

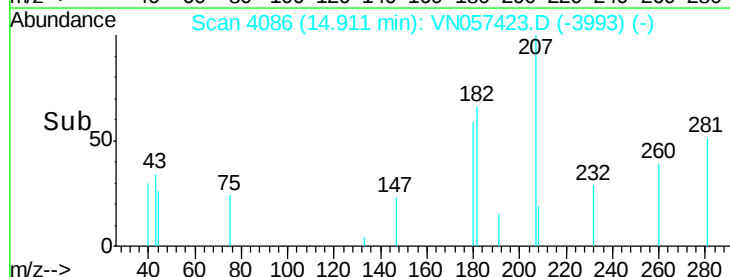
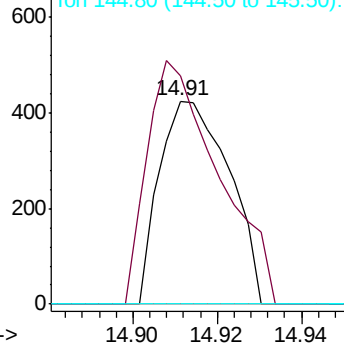
145 0.0 14.5 43.6#

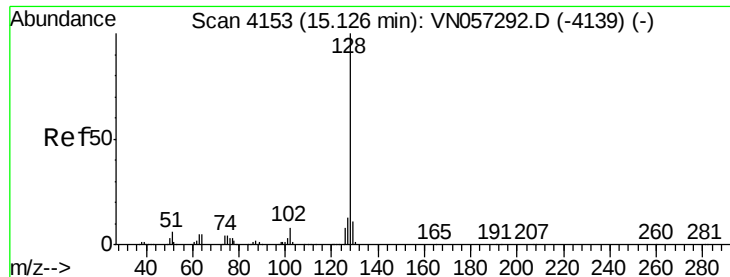


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: Below Cal

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057423.D

Acq: 20 Aug 2019 1:38

Instrument :

MSVOA_N

ClientSampled :

T8-E3-(2)

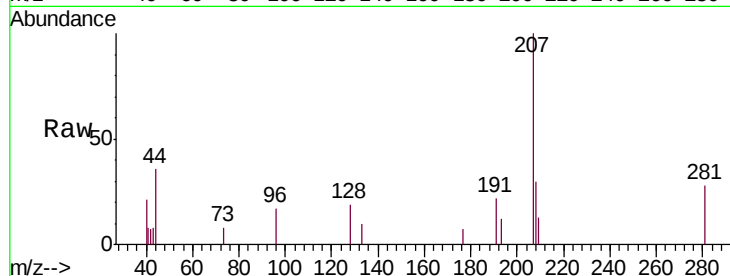
Tgt Ion:128 Resp: 476

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

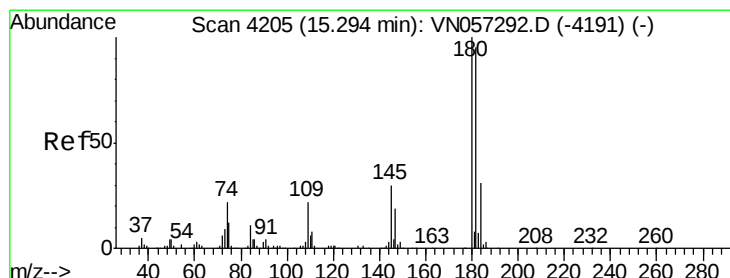
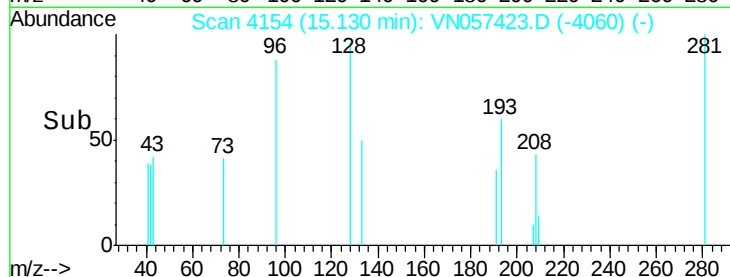
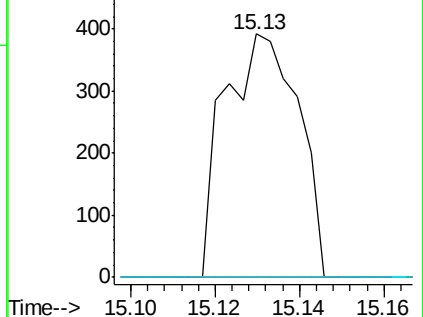
129 0.0 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: Below Cal

RT: 15.30 min Scan# 4208

Delta R.T. 0.01 min

Lab File: VN057423.D

Acq: 20 Aug 2019 1:38

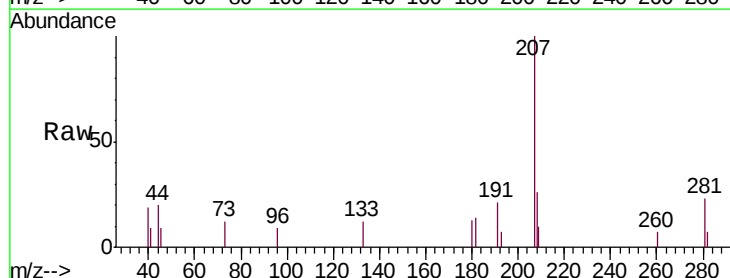
Tgt Ion:180 Resp: 375

Ion Ratio Lower Upper

180 100

182 87.5 47.9 143.6

145 37.1 15.1 45.3



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

