

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081819\
 Data File : VN057370.D
 Acq On : 16 Aug 2019 22:01
 Operator : JC/SP
 Sample : K4356-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Aug 17 03:47:12 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	1134181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1587127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1347845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	354587	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	528079	42.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.66%	
35) Dibromofluoromethane	7.58	113	472033	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	
50) Toluene-d8	10.09	98	1848025	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
62) 4-Bromofluorobenzene	12.40	95	495661	36.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.72%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.41	74	2506	0.392	ug/l	77
11) Tert butyl alcohol	4.73	59	5569	3.177	ug/l #	73
16) Acetone	3.81	43	78399	18.330	ug/l	98
18) Methyl Acetate	4.32	43	23262	Below Cal	#	81
20) Methylene Chloride	4.55	84	17869	1.493	ug/l	92
25) 2-Butanone	6.83	43	29102	4.699	ug/l	97
29) Tetrahydrofuran	7.20	42	1266	0.323	ug/l #	48
31) Cyclohexane	7.66	56	16068	0.956	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	68231	4.869	ug/l #	48
37) Ethyl Acetate	6.83	43	29102	2.536	ug/l #	67
38) Carbon Tetrachloride	7.66	117	95404	6.552	ug/l #	15
43) Isopropyl Acetate	8.16	43	152595	6.284	ug/l #	90
45) 1,2-Dichloropropane	9.27	63	2715	0.246	ug/l #	44
48) Methyl methacrylate	9.17	41	8091	0.856	ug/l #	11
49) 1,4-Dioxane	9.25	88	74	0.372	ug/l #	26
51) 4-Methyl-2-Pentanone	9.98	43	9077	0.767	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	68958	3.959	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	10377	0.592	ug/l #	43
59) 2-Hexanone	10.76	43	134969	15.855	ug/l #	50
73) Isopropylbenzene	12.25	105	415	Below Cal	#	49
74) N-amyl acetate	12.03	43	3829	0.372	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.40	83	229	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	230402	32.341	ug/l #	100
77) Bromobenzene	12.53	156	72	Below Cal	#	44
79) 2-Chlorotoluene	12.78	91	321	Below Cal		95
80) 1,3,5-Trimethylbenzene	12.73	105	2413	Below Cal		92
81) trans-1,4-Dichloro-2-buten	12.40	75	230402	79.232	ug/l #	15
83) tert-Butylbenzene	13.01	119	98	Below Cal	#	81
85) sec-Butylbenzene	13.17	105	521	Below Cal		89
93) 1,2,4-Trichlorobenzene	14.91	180	401	5.433	ug/l	84
94) Hexachlorobutadiene	15.00	225	311	Below Cal	#	57
95) Naphthalene	15.12	128	786	Below Cal	#	69
96) 1,2,3-Trichlorobenzene	15.30	180	331	Below Cal	#	76

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

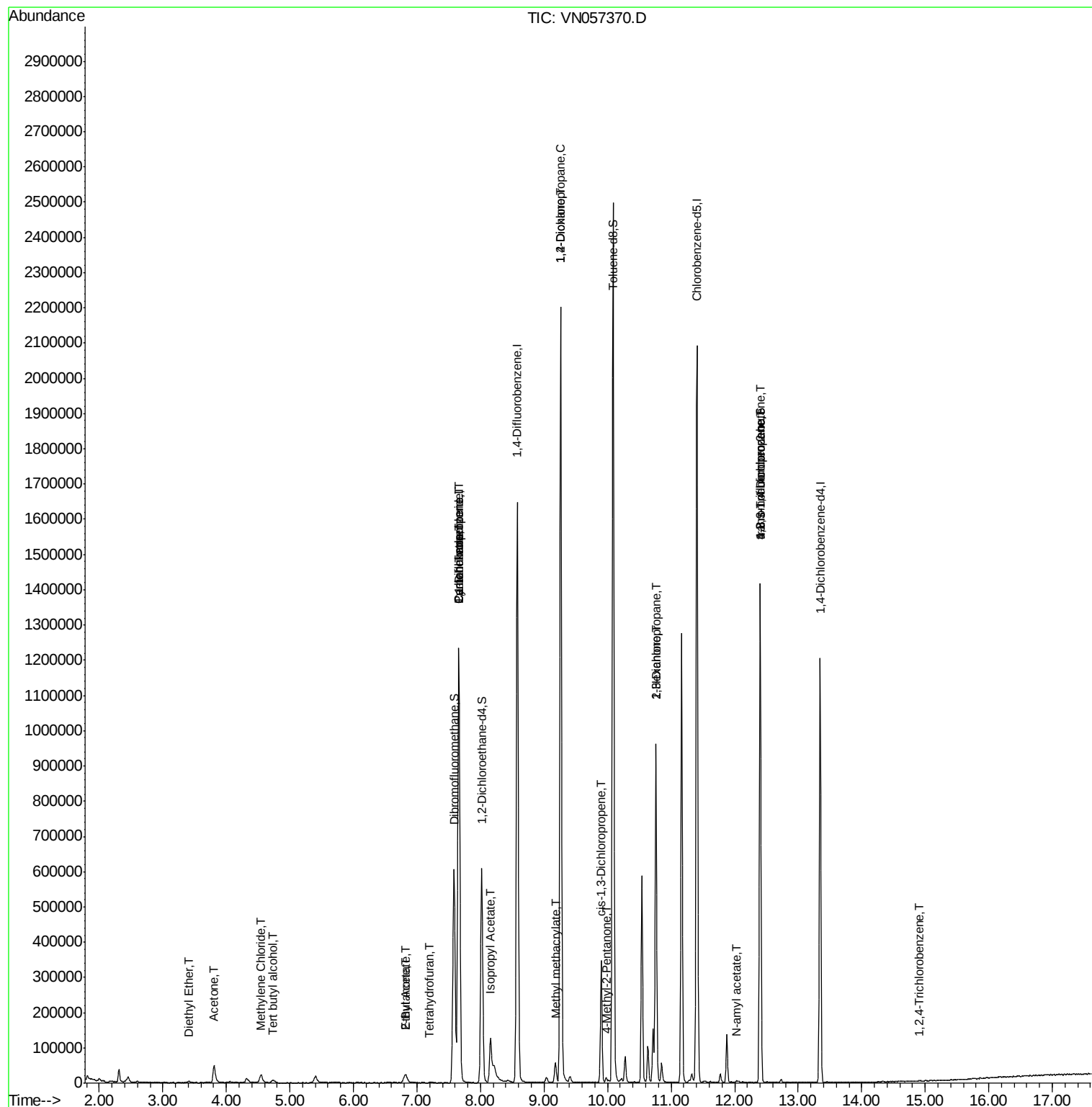
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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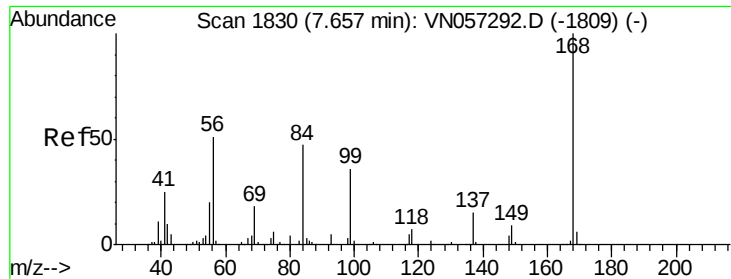
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081819\
Data File : VN057370.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057370.D

Acq: 16 Aug 2019 22:01

Instrument :

MSVOA_N

ClientSampled :

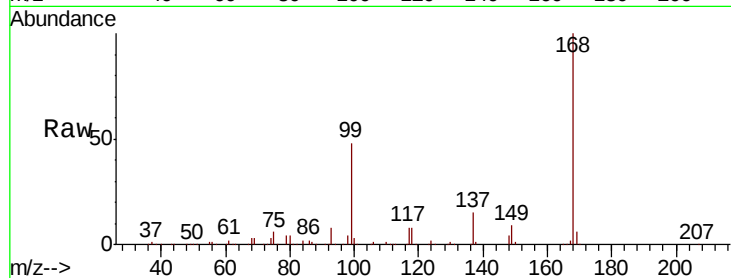
TP-1

Tgt Ion:168 Resp: 1134181

Ion Ratio Lower Upper

168 100

99 47.9 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN057292.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057292.D (-1809) (-)

7.66

500000

400000

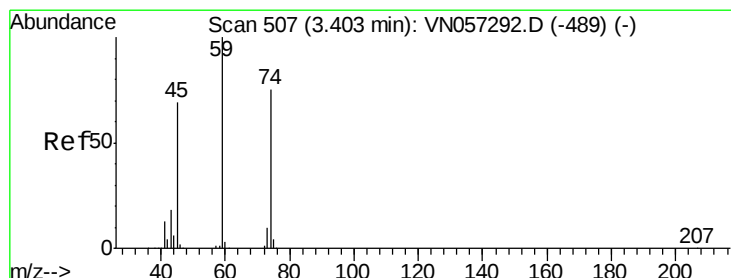
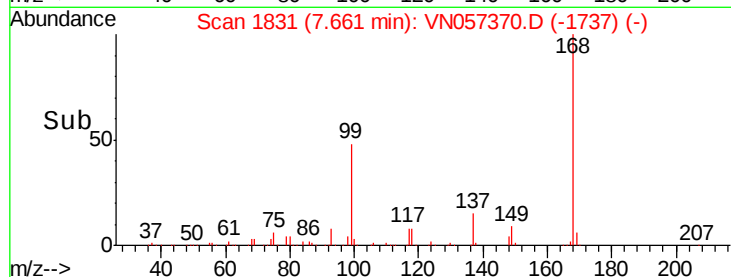
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 0.392 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.01 min

Lab File: VN057370.D

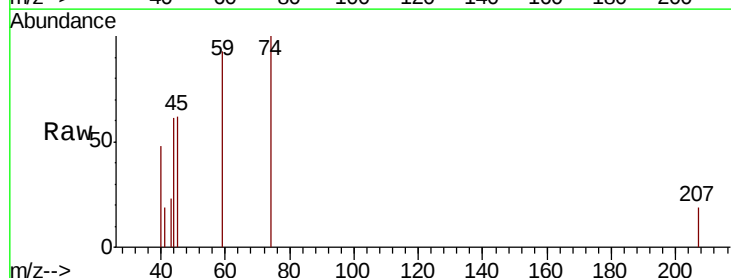
Acq: 16 Aug 2019 22:01

Tgt Ion: 74 Resp: 2506

Ion Ratio Lower Upper

74 100

45 70.1 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VN057292.D (-489) (-)

Ion 45.00 (44.70 to 45.70): VN057292.D (-489) (-)

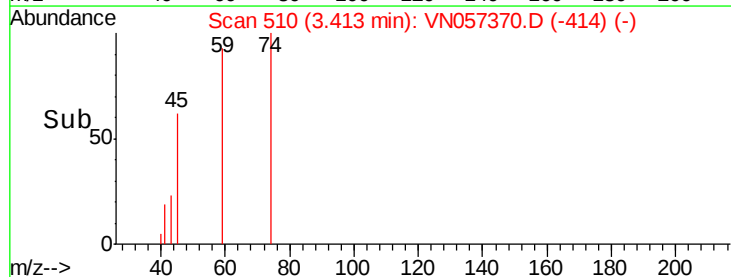
3.41

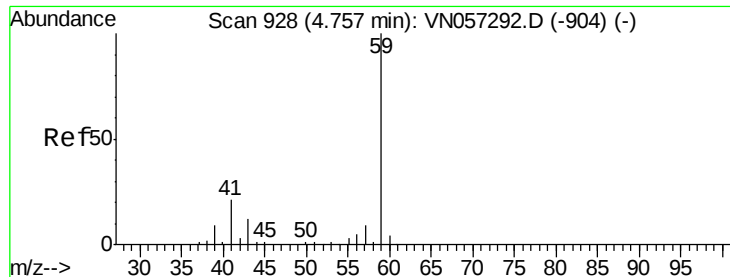
1000

500

0

Time-->

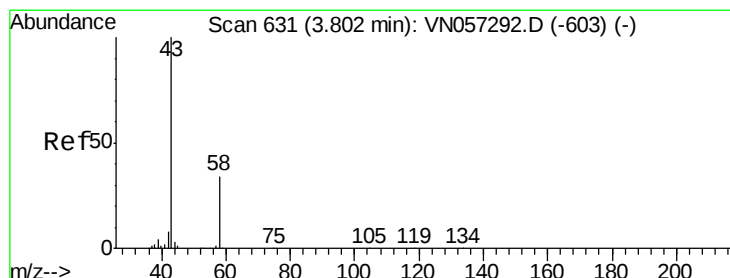
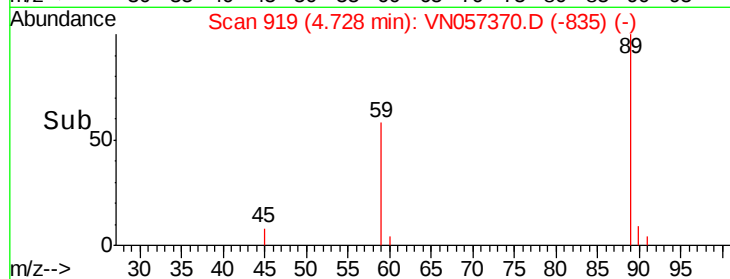
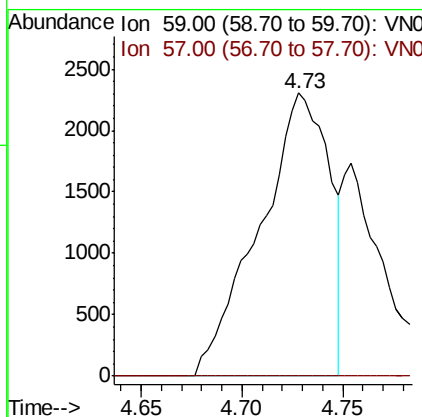
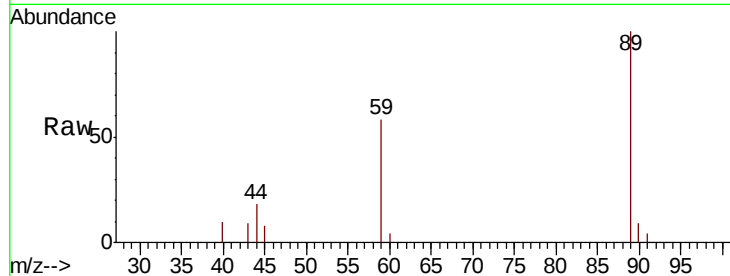




#11
Tert butyl alcohol
Concen: 3.177 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.03 min
Lab File: VN057370.D
Acq: 16 Aug 2019 22:01

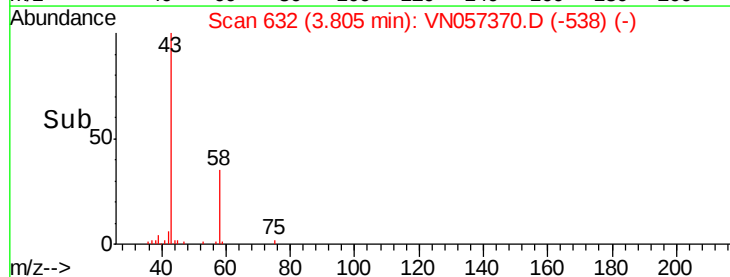
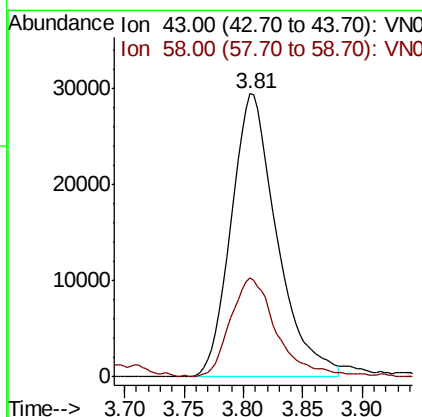
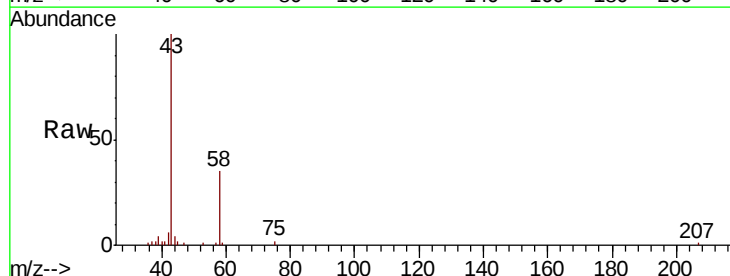
Instrument :
MSVOA_N
ClientSampled :
TP-1

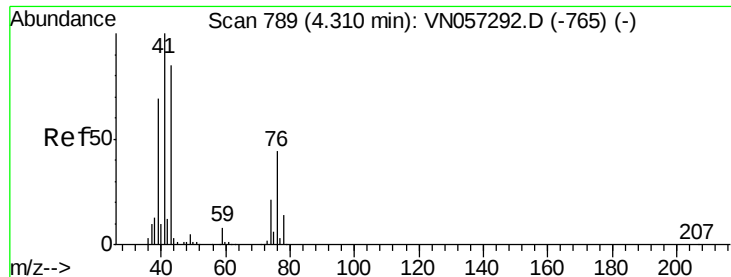
Tgt Ion: 59 Resp: 5569
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 18.330 ug/l
RT: 3.81 min Scan# 632
Delta R.T. 0.00 min
Lab File: VN057370.D
Acq: 16 Aug 2019 22:01

Tgt Ion: 43 Resp: 78399
Ion Ratio Lower Upper
43 100
58 35.1 27.0 40.6

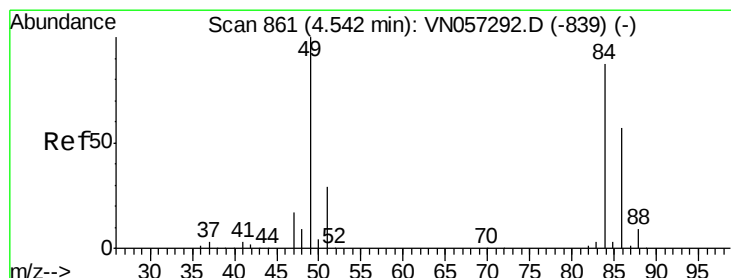
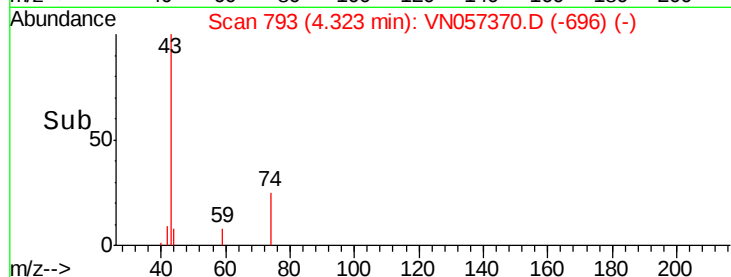
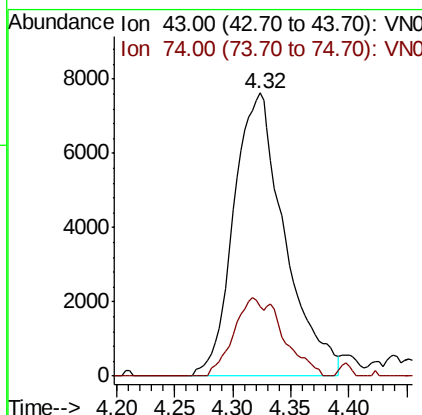
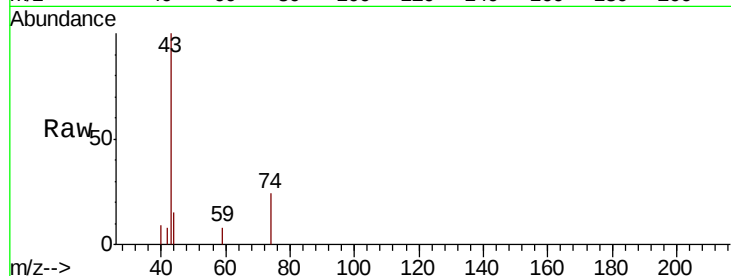




#18
Methyl Acetate
Concen: Below Cal
RT: 4.32 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN057370.D
Acq: 16 Aug 2019 22:01

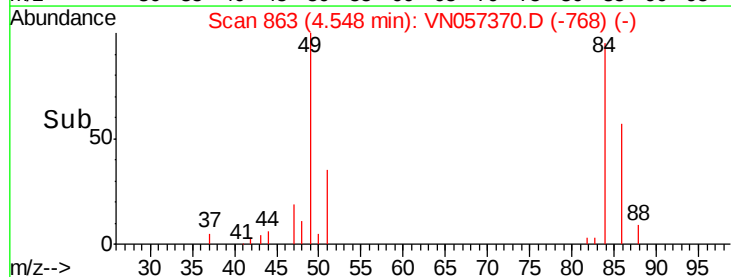
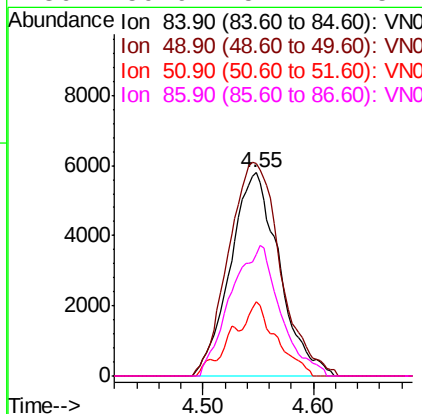
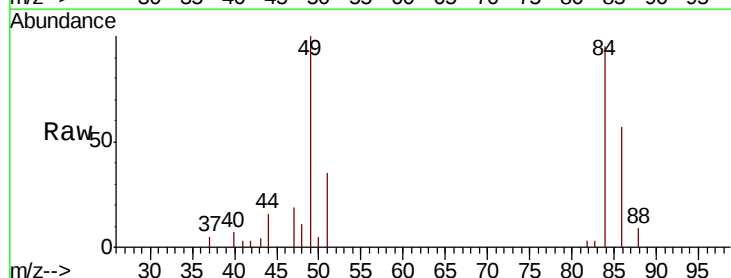
Instrument :
MSVOA_N
ClientSampleId :
TP-1

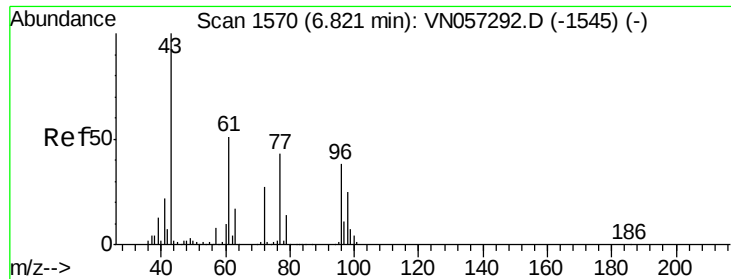
Tgt Ion: 43 Resp: 23262
Ion Ratio Lower Upper
43 100
74 15.6 20.2 30.2#



#20
Methylene Chloride
Concen: 1.493 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN057370.D
Acq: 16 Aug 2019 22:01

Tgt Ion: 84 Resp: 17869
Ion Ratio Lower Upper
84 100
49 104.7 92.0 138.0
51 36.4 27.1 40.7
86 59.9 52.2 78.2





#25

2-Butanone

Concen: 4.699 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VN057370.D

Acq: 16 Aug 2019 22:01

Instrument :

MSVOA_N

ClientSampled :

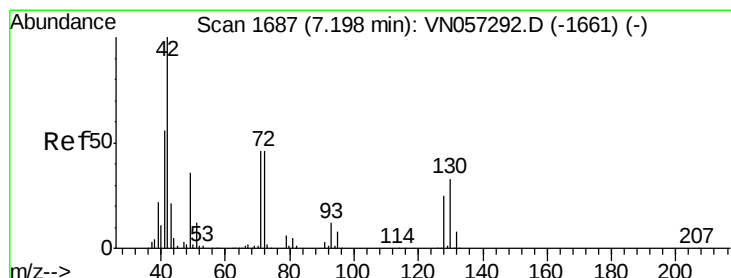
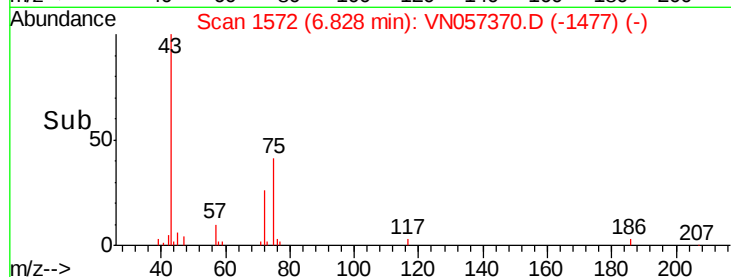
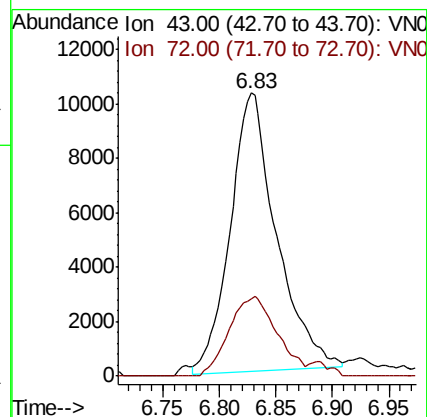
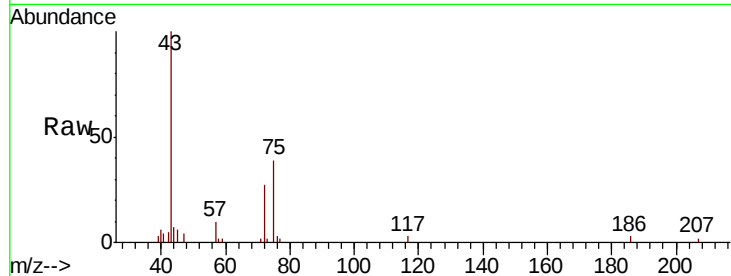
TP-1

Tgt Ion: 43 Resp: 29102

Ion Ratio Lower Upper

43 100

72 28.4 21.5 32.3



#29

Tetrahydrofuran

Concen: 0.323 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VN057370.D

Acq: 16 Aug 2019 22:01

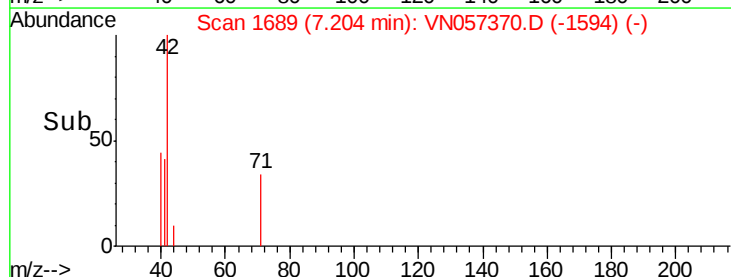
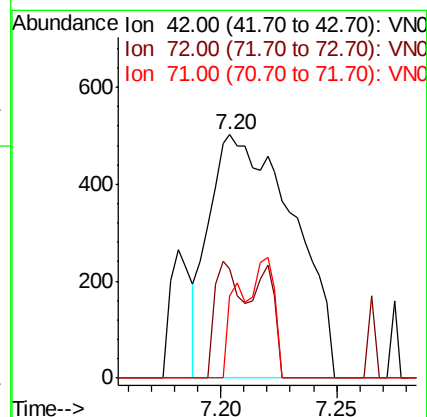
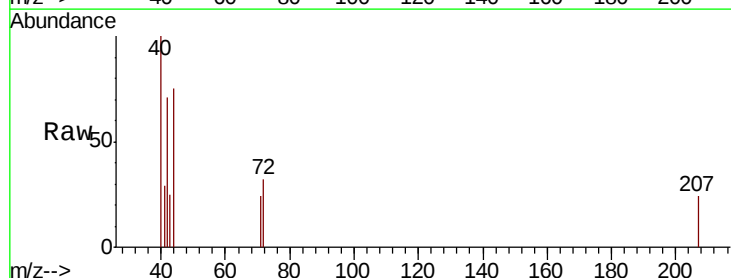
Tgt Ion: 42 Resp: 1266

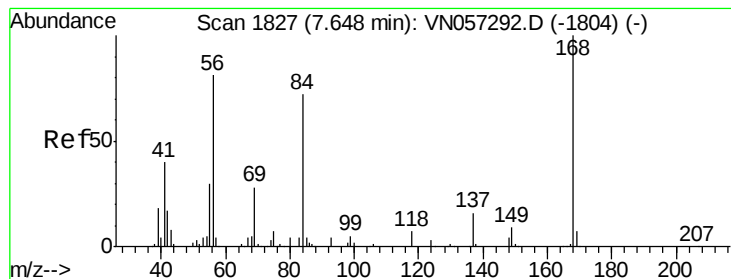
Ion Ratio Lower Upper

42 100

72 15.0 37.8 56.6#

71 8.0 35.7 53.5#





#31

Cyclohexane

Concen: 0.956 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN057370.D

Acq: 16 Aug 2019 22:01

Instrument :

MSVOA_N

ClientSampled :

TP-1

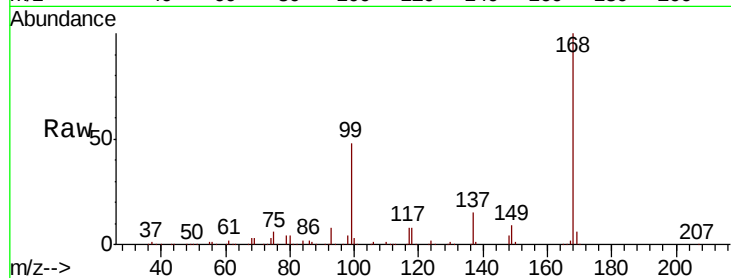
Tgt Ion: 56 Resp: 16068

Ion Ratio Lower Upper

56 100

69 202.0 27.3 40.9#

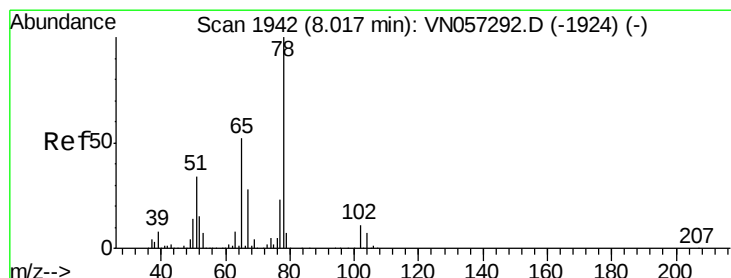
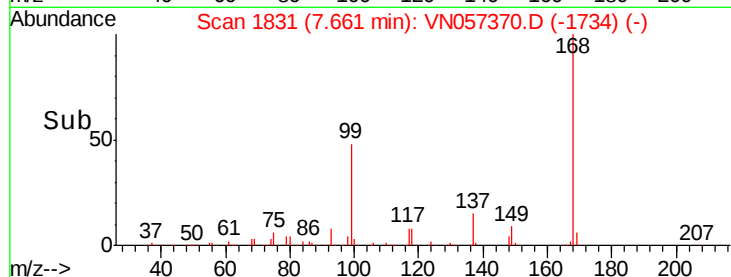
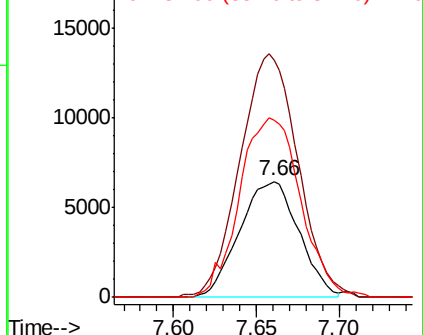
84 153.1 71.0 106.6#



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: 42.830 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057370.D

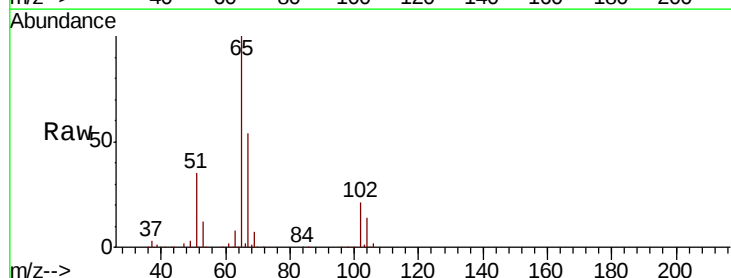
Acq: 16 Aug 2019 22:01

Tgt Ion: 65 Resp: 528079

Ion Ratio Lower Upper

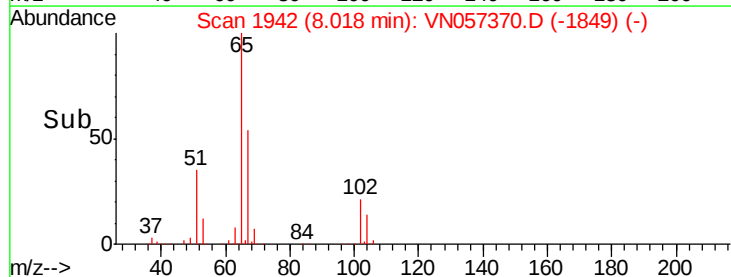
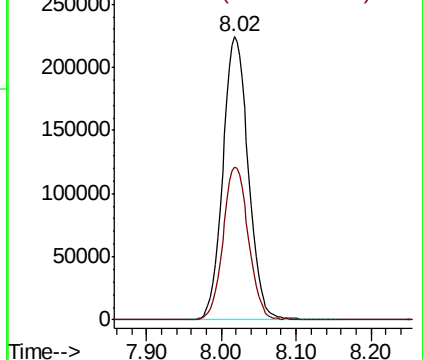
65 100

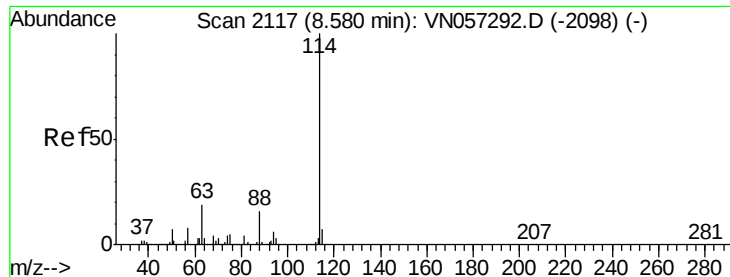
67 53.6 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

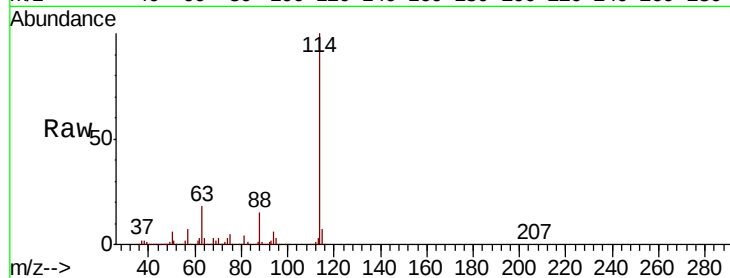




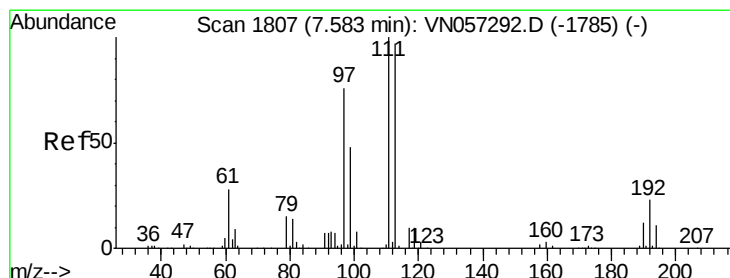
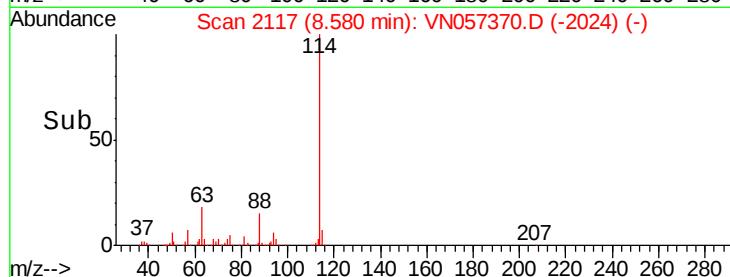
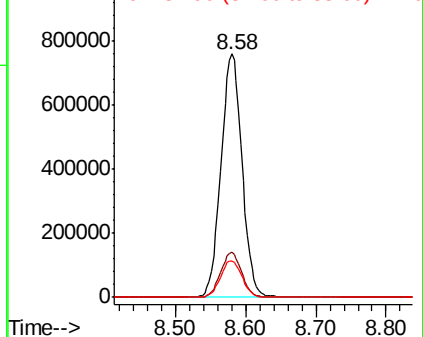
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057370.D
 Acq: 16 Aug 2019 22:01

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Tgt Ion:114 Resp: 1587127
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.8
 88 15.1 0.0 31.4

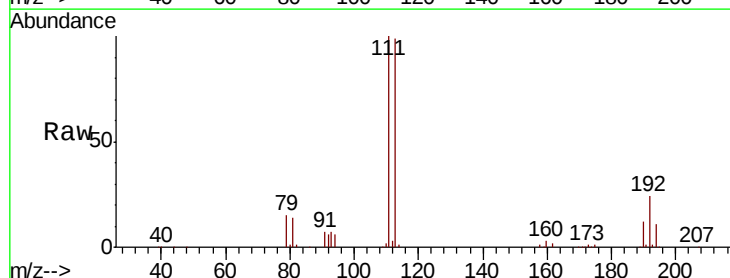


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

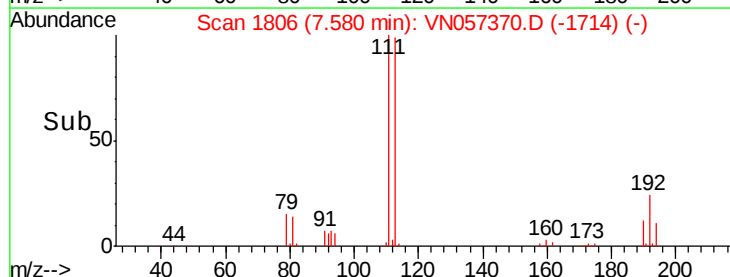
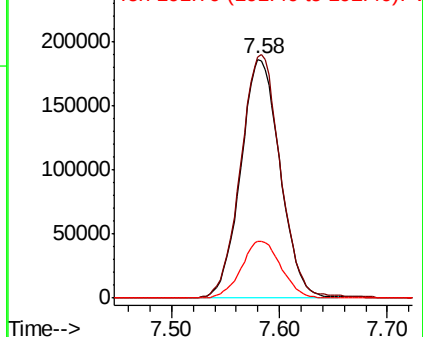


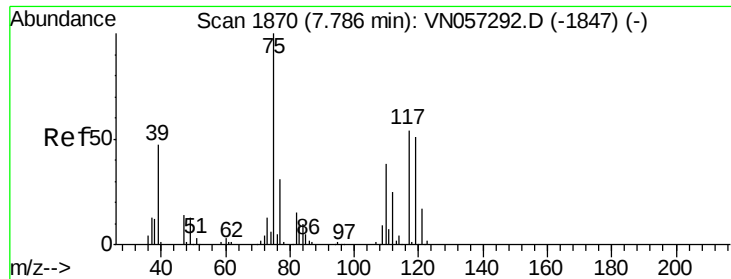
#35
 Dibromofluoromethane
 Concen: 45.371 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057370.D
 Acq: 16 Aug 2019 22:01

Tgt Ion:113 Resp: 472033
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.1 123.1
 192 24.1 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

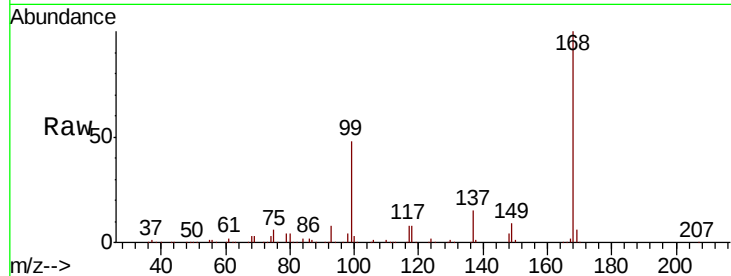




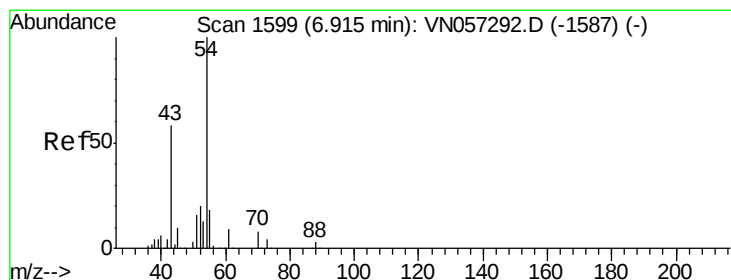
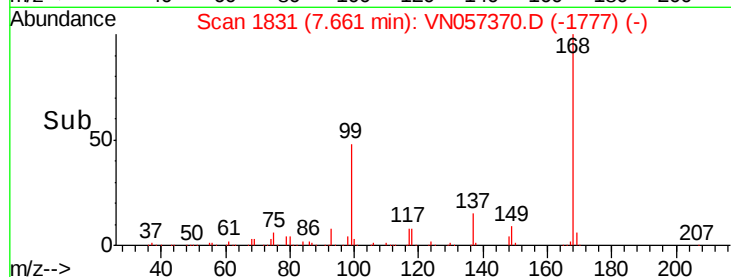
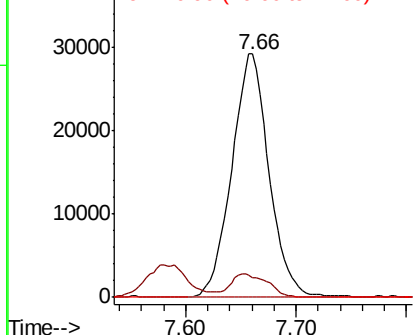
#36
 1,1-Dichloropropene
 Concen: 4.869 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN057370.D
 Acq: 16 Aug 2019 22:01

Instrument :
 MSVOA_N
 ClientSampled :
 TP-1

Tgt Ion: 75 Resp: 68231
 Ion Ratio Lower Upper
 75 100
 110 9.7 19.5 58.5#
 77 0.0 25.0 37.6#

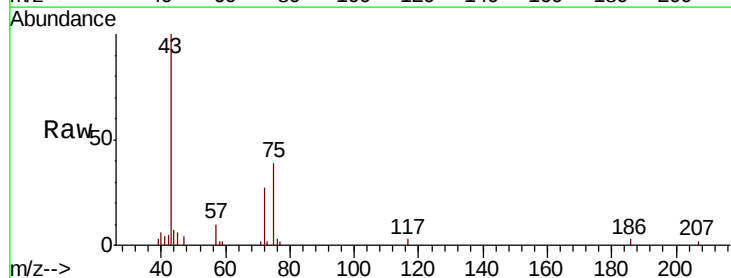


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

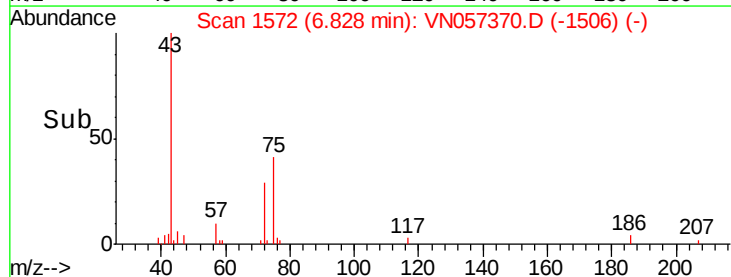
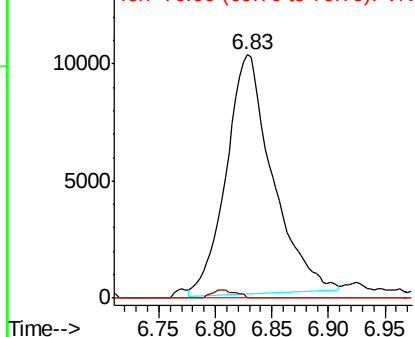


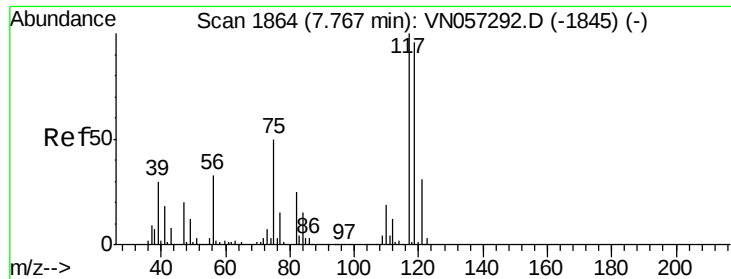
#37
 Ethyl Acetate
 Concen: 2.536 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.09 min
 Lab File: VN057370.D
 Acq: 16 Aug 2019 22:01

Tgt Ion: 43 Resp: 29102
 Ion Ratio Lower Upper
 43 100
 61 0.0 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

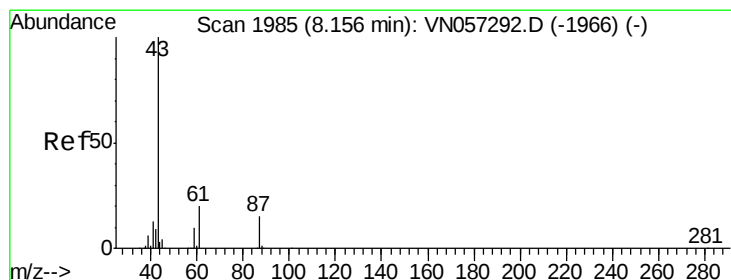
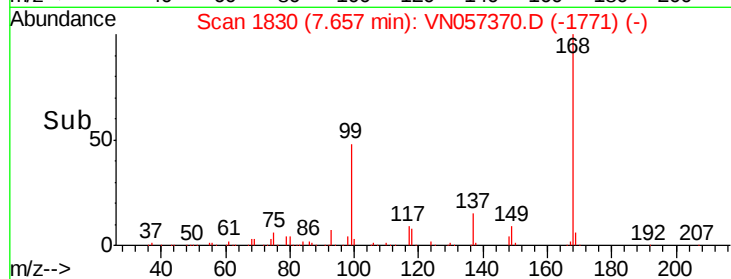
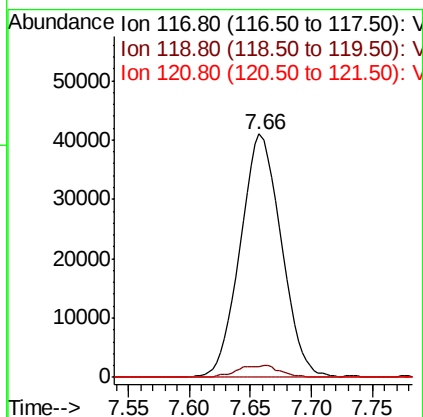
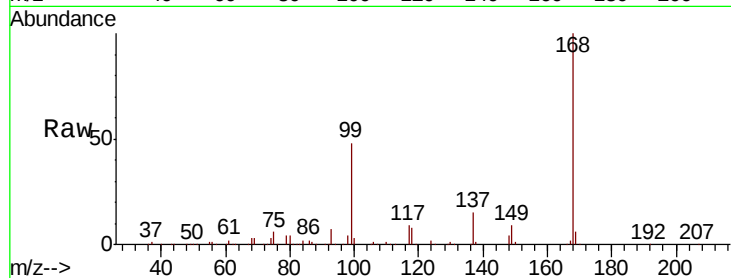




#38
Carbon Tetrachloride
Concen: 6.552 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN057370.D
Acq: 16 Aug 2019 22:01

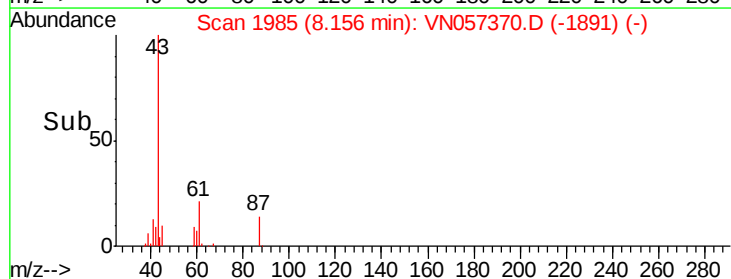
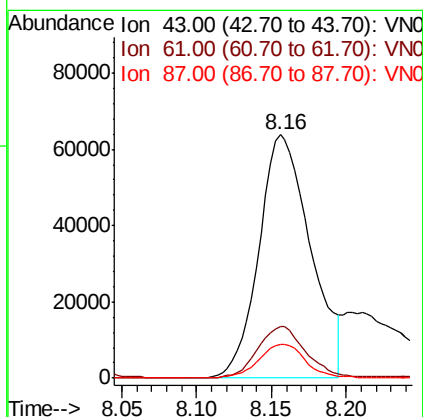
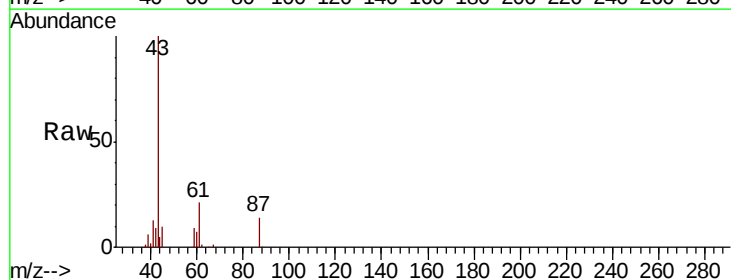
Instrument :
MSVOA_N
ClientSampled :
TP-1

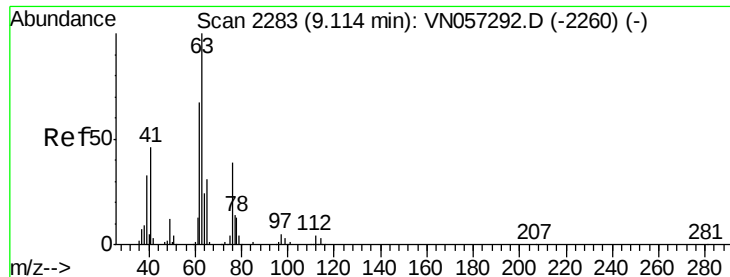
Tgt Ion: 117 Resp: 95404
Ion Ratio Lower Upper
117 100
119 4.5 76.8 115.2#
121 0.0 25.0 37.4#



#43
Isopropyl Acetate
Concen: 6.284 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VN057370.D
Acq: 16 Aug 2019 22:01

Tgt Ion: 43 Resp: 152595
Ion Ratio Lower Upper
43 100
61 20.1 21.6 32.4#
87 12.7 11.4 17.0

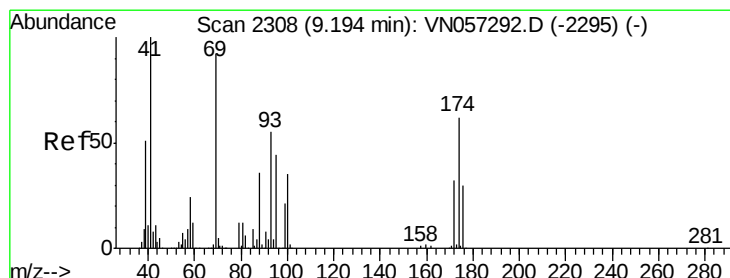
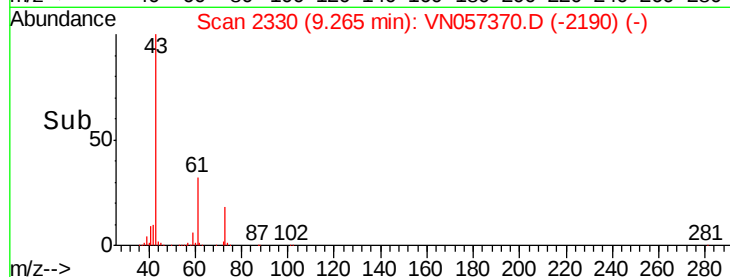
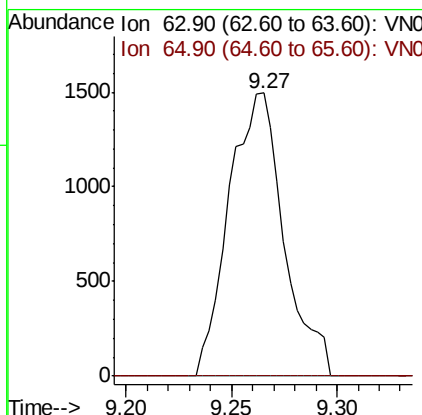
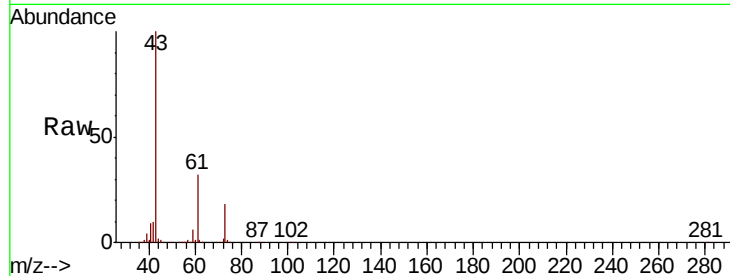




#45
 1,2-Dichloropropane
 Concen: 0.246 ug/l
 RT: 9.27 min Scan# 2330
 Delta R.T. 0.15 min
 Lab File: VN057370.D
 Acq: 16 Aug 2019 22:01

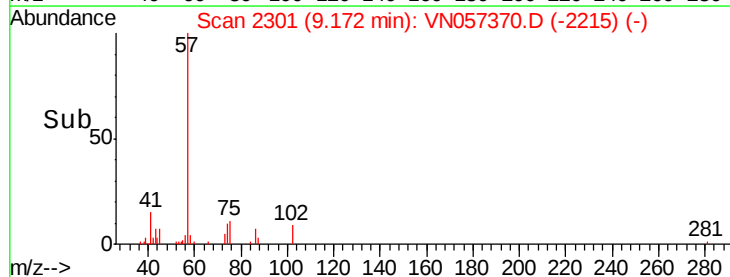
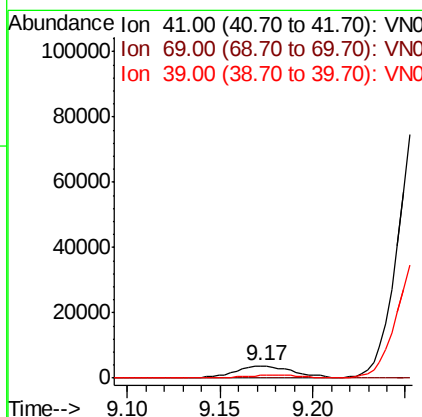
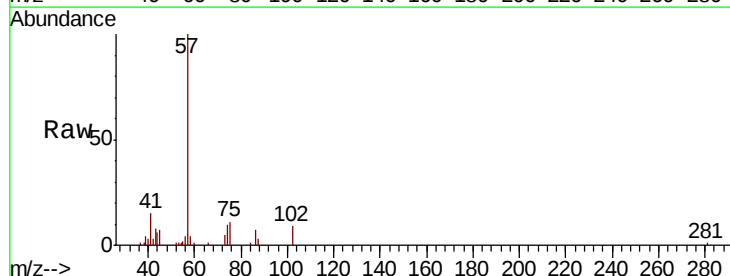
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

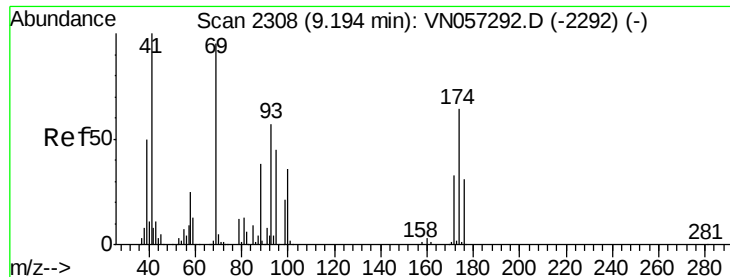
Tgt Ion: 63 Resp: 2715
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.8 37.2#



#48
 Methyl methacrylate
 Concen: 0.856 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: VN057370.D
 Acq: 16 Aug 2019 22:01

Tgt Ion: 41 Resp: 8091
 Ion Ratio Lower Upper
 41 100
 69 0.0 75.9 113.9#
 39 0.0 42.3 63.5#

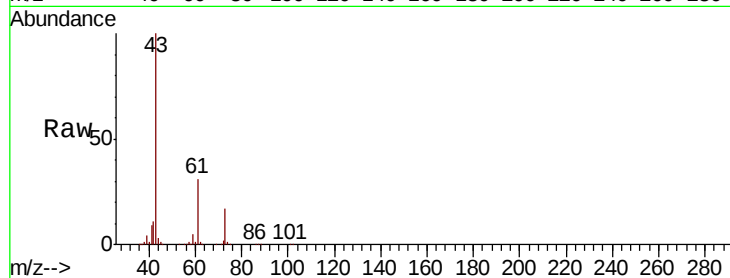




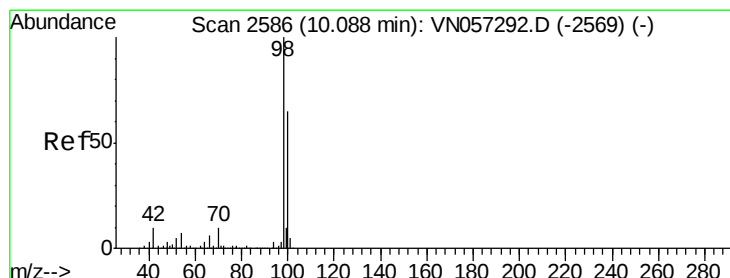
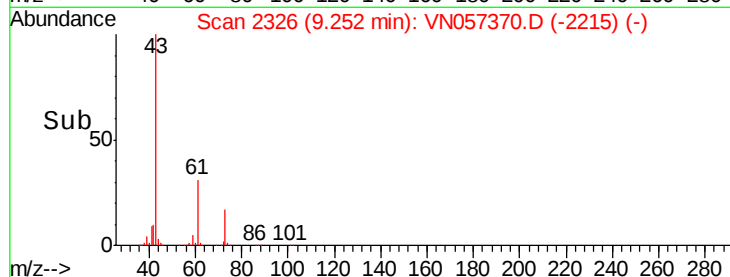
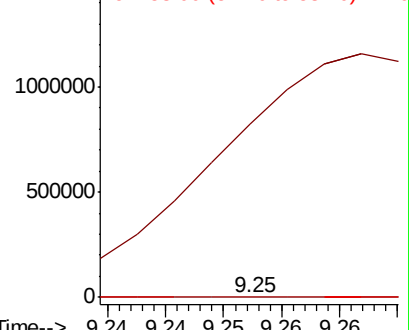
#49
1,4-Dioxane
Concen: 0.372 ug/l
RT: 9.25 min Scan# 2326
Delta R.T. 0.06 min
Lab File: VN057370.D
Acq: 16 Aug 2019 22:01

Instrument :
MSVOA_N
ClientSampled :
TP-1

Tgt Ion: 88 Resp: 74
Ion Ratio Lower Upper
88 100
43 0.0 22.9 34.3#
58 0.0 52.7 79.1#

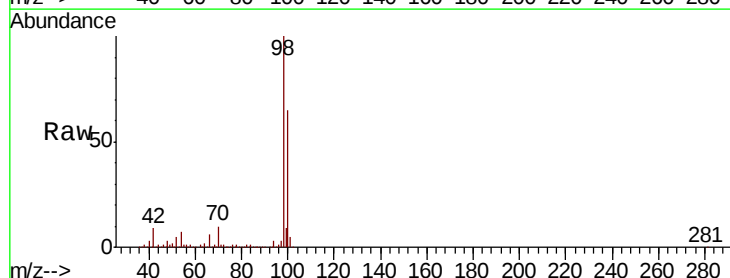


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

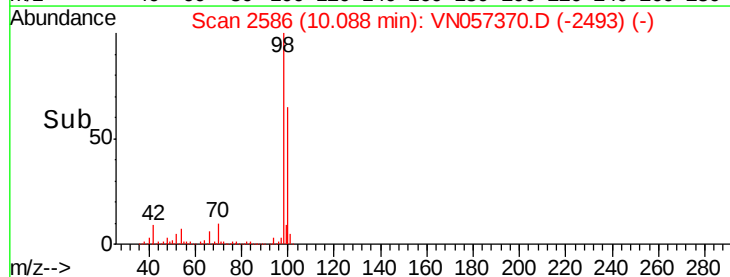
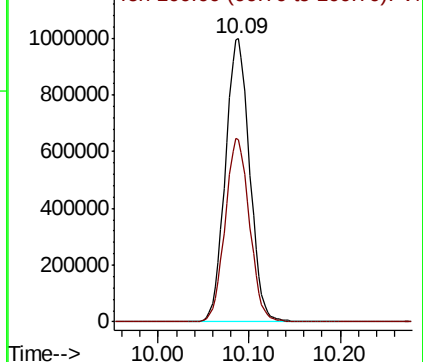


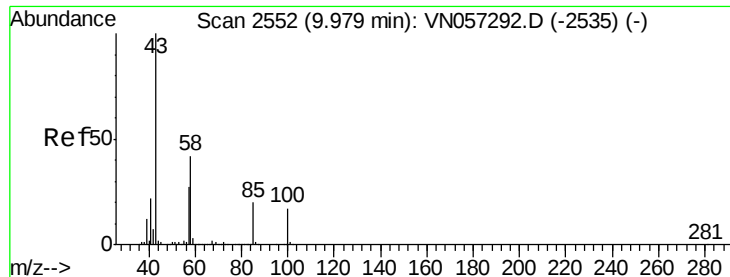
#50
Toluene-d8
Concen: 48.565 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057370.D
Acq: 16 Aug 2019 22:01

Tgt Ion: 98 Resp: 1848025
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

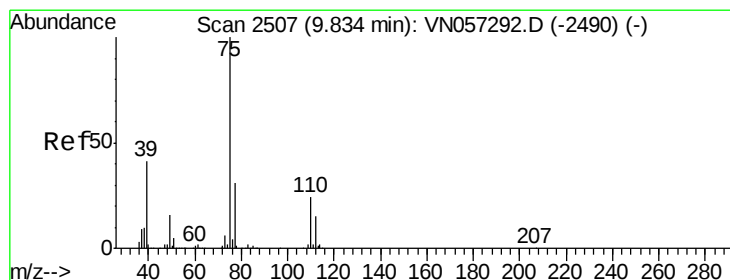
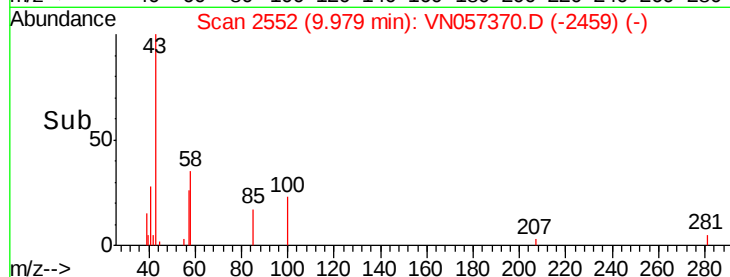
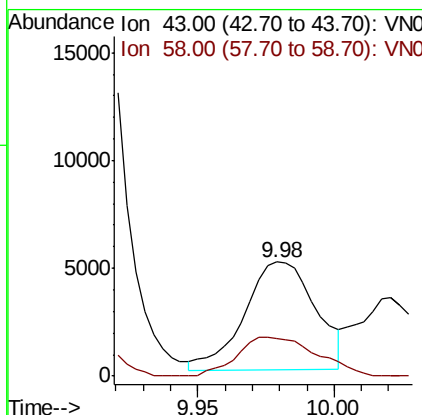
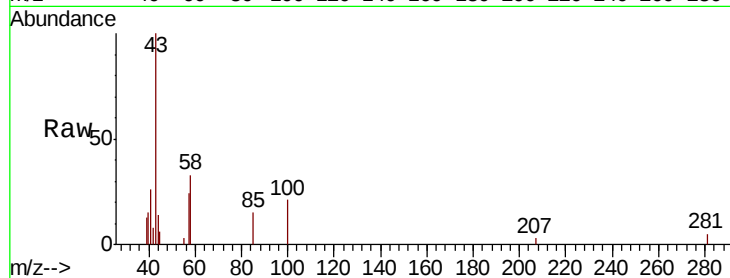




#51
 4-Methyl-2-Pentanone
 Concen: 0.767 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN057370.D
 Acq: 16 Aug 2019 22:01

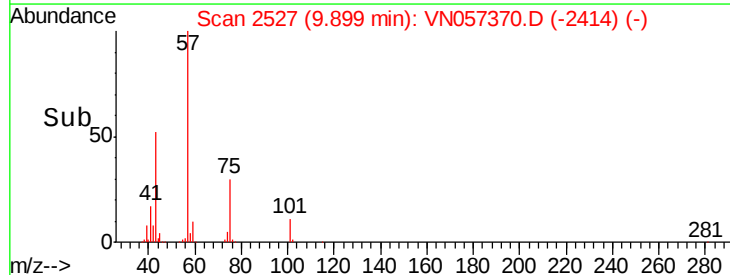
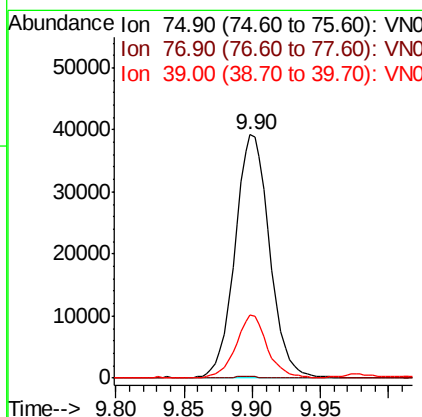
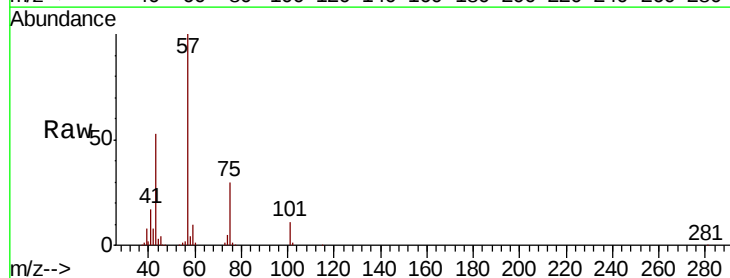
Instrument :
 MSVOA_N
 ClientSampled :
 TP-1

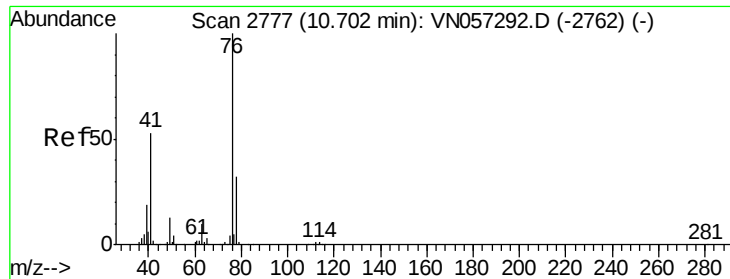
Tgt Ion: 43 Resp: 9077
 Ion Ratio Lower Upper
 43 100
 58 40.5 33.2 49.8



#54
 cis-1,3-Dichloropropene
 Concen: 3.959 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057370.D
 Acq: 16 Aug 2019 22:01

Tgt Ion: 75 Resp: 68958
 Ion Ratio Lower Upper
 75 100
 77 0.5 24.9 37.3#
 39 25.9 32.7 49.1#





#57

1,3-Dichloropropane

Concen: 0.592 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.05 min

Lab File: VN057370.D

Acq: 16 Aug 2019 22:01

Instrument :

MSVOA_N

ClientSampled :

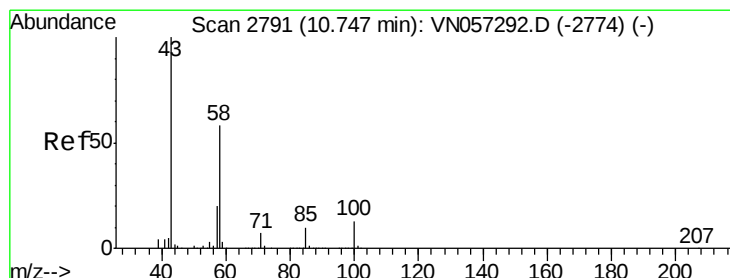
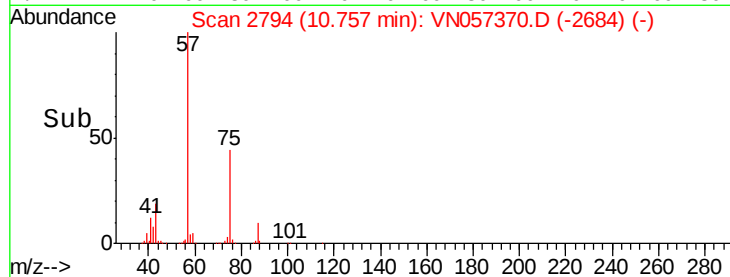
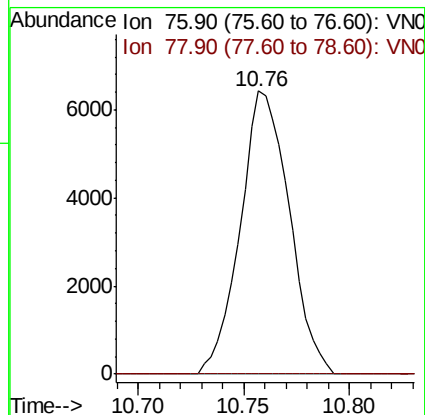
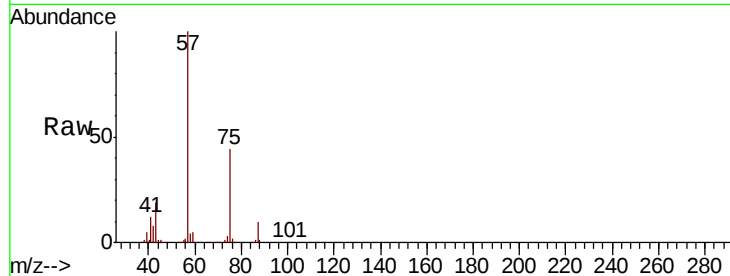
TP-1

Tgt Ion: 76 Resp: 10377

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 15.855 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN057370.D

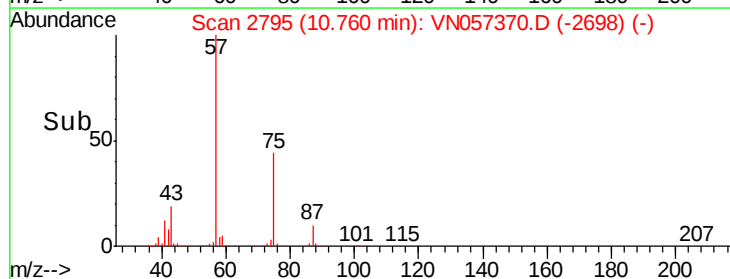
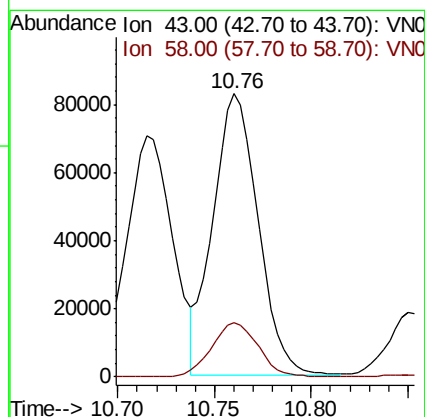
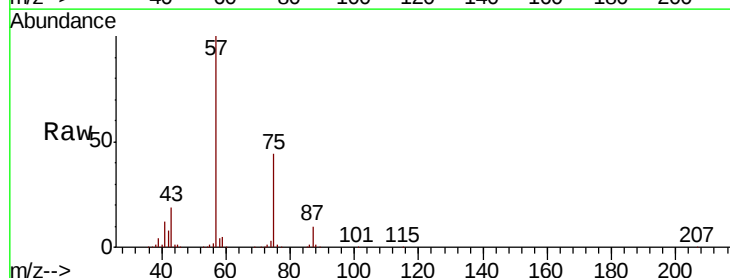
Acq: 16 Aug 2019 22:01

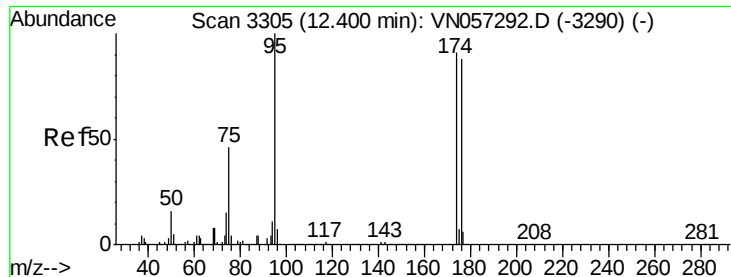
Tgt Ion: 43 Resp: 134969

Ion Ratio Lower Upper

43 100

58 20.0 28.6 85.9#





#62

4-Bromofluorobenzene

Concen: 36.859 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057370.D

Acq: 16 Aug 2019 22:01

Instrument :

MSVOA_N

ClientSampleId :

TP-1

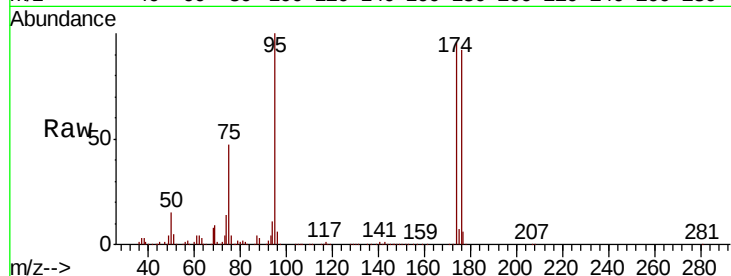
Tgt Ion: 95 Resp: 495661

Ion Ratio Lower Upper

95 100

174 95.0 0.0 185.0

176 91.9 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VN057292.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN057292.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN057292.D (-3290) (-)

12.40

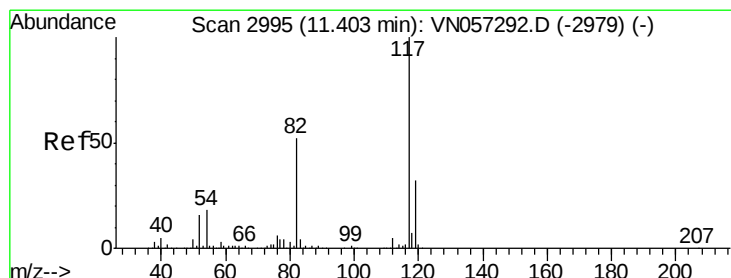
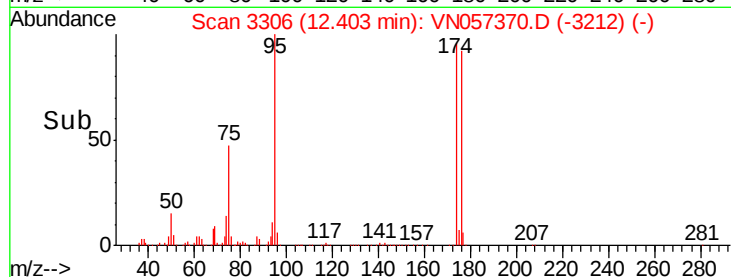
300000

200000

100000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057370.D

Acq: 16 Aug 2019 22:01

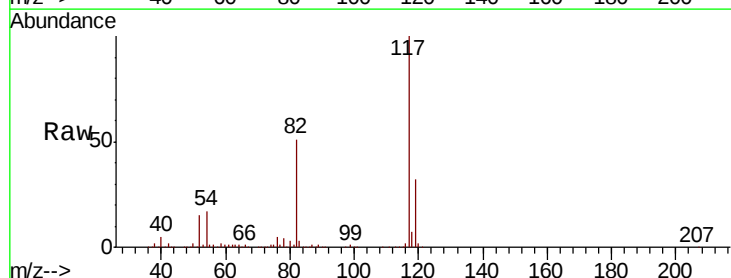
Tgt Ion: 117 Resp: 1347845

Ion Ratio Lower Upper

117 100

82 50.7 41.2 61.8

119 31.9 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VN057292.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN057292.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN057292.D (-2979) (-)

11.41

1000000

800000

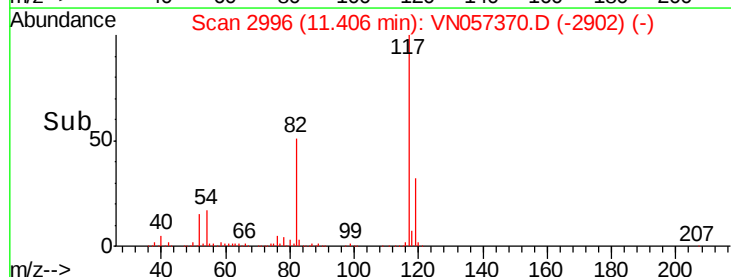
600000

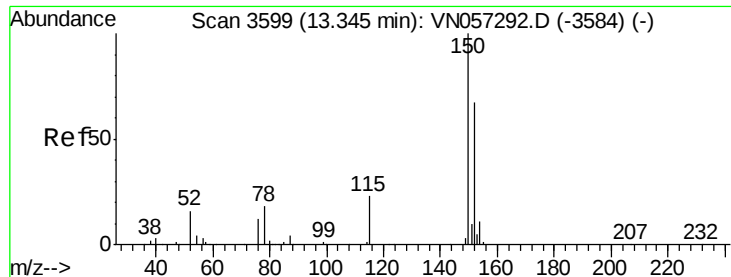
400000

200000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057370.D

Acq: 16 Aug 2019 22:01

Instrument :

MSVOA_N

ClientSampled :

TP-1

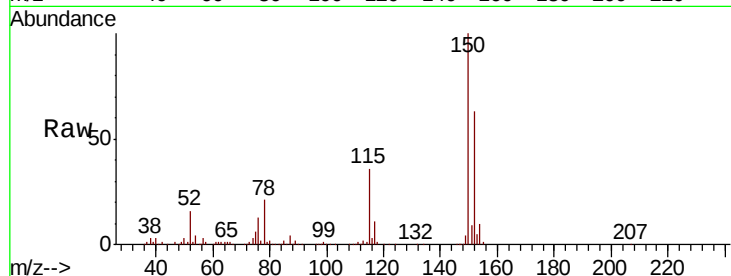
Tgt Ion:152 Resp: 354587

Ion Ratio Lower Upper

152 100

115 56.5 27.3 81.9

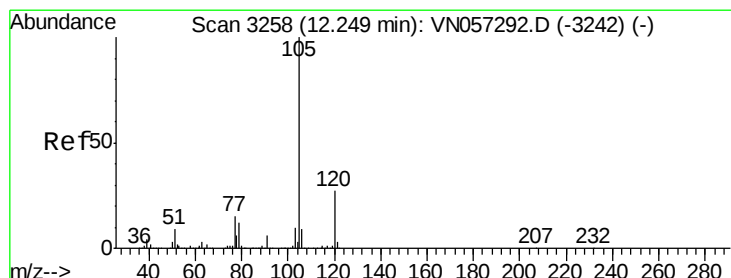
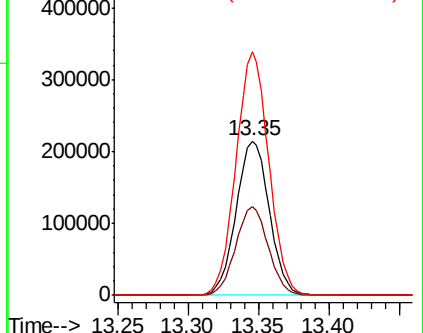
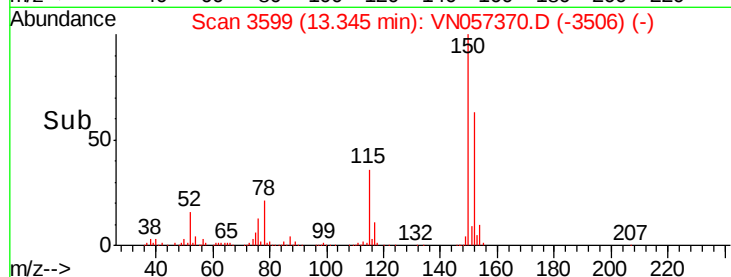
150 155.6 0.0 344.4



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: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057370.D

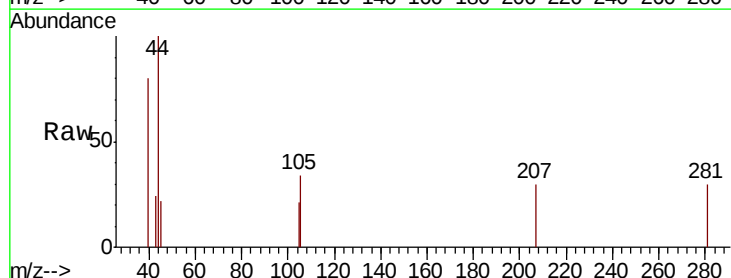
Acq: 16 Aug 2019 22:01

Tgt Ion:105 Resp: 415

Ion Ratio Lower Upper

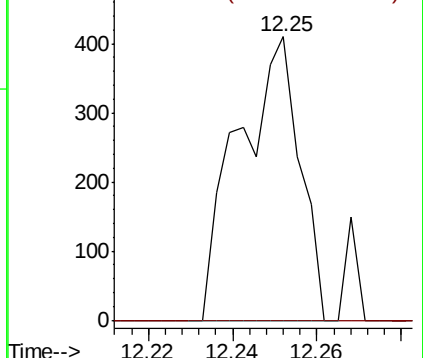
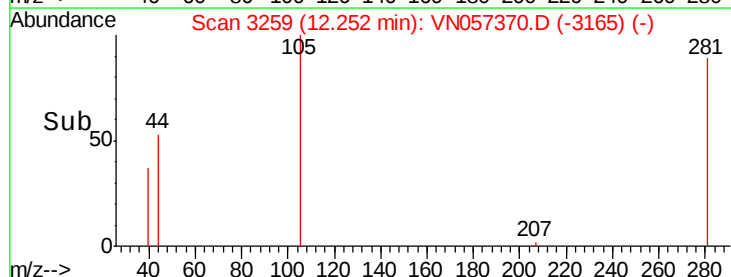
105 100

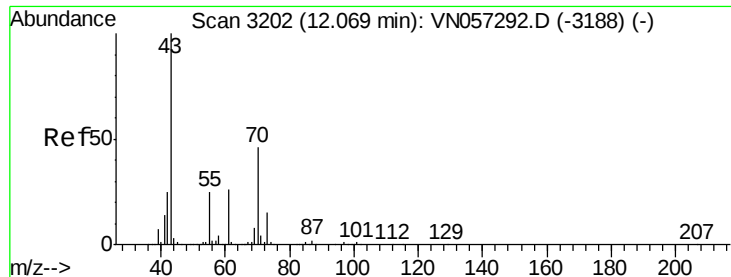
120 0.0 13.2 39.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.372 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057370.D

Acq: 16 Aug 2019 22:01

Instrument :

MSVOA_N

ClientSampleId :

TP-1

Tgt Ion: 43 Resp: 3829

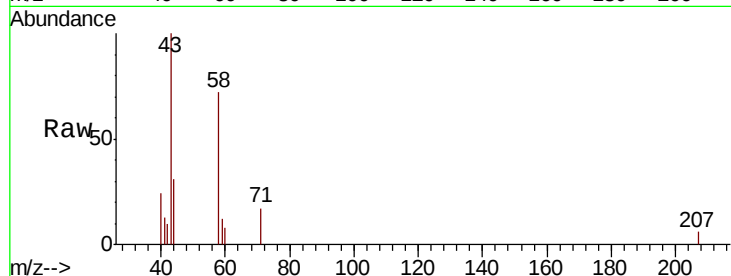
Ion Ratio Lower Upper

43 100

70 0.0 36.2 54.2#

55 2.6 20.1 30.1#

61 0.0 20.9 31.3#

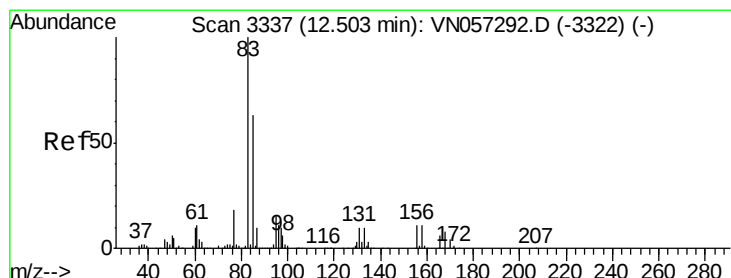
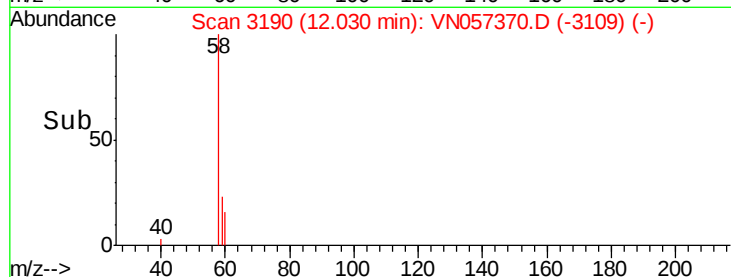
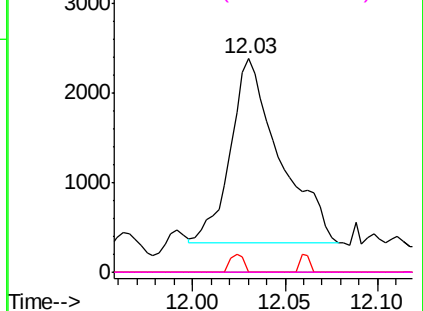


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: VN057370.D

Acq: 16 Aug 2019 22:01

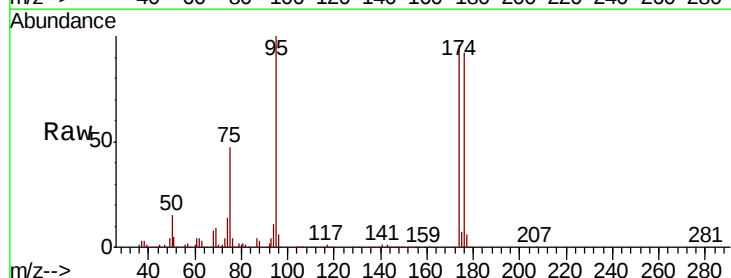
Tgt Ion: 83 Resp: 229

Ion Ratio Lower Upper

83 100

131 282.5 5.4 16.2#

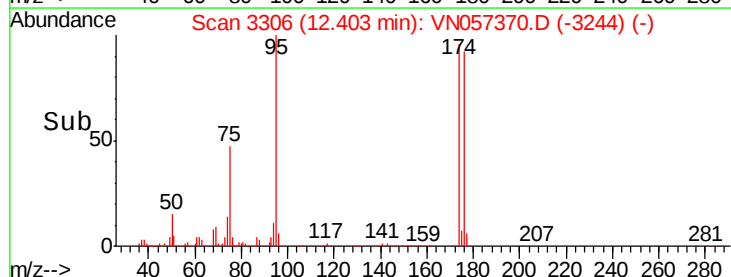
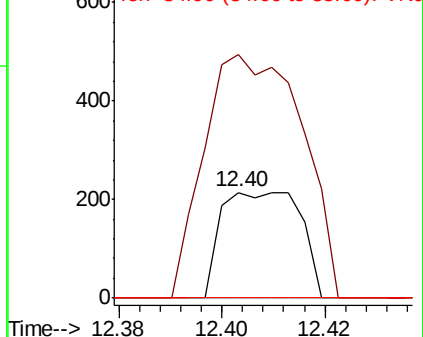
85 0.0 32.3 96.9#

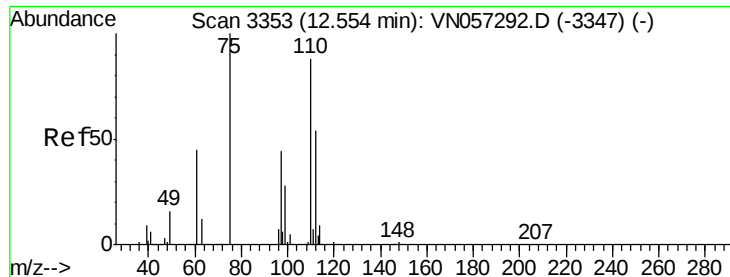


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 32.341 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057370.D

Acq: 16 Aug 2019 22:01

Instrument :

MSVOA_N

ClientSampleId :

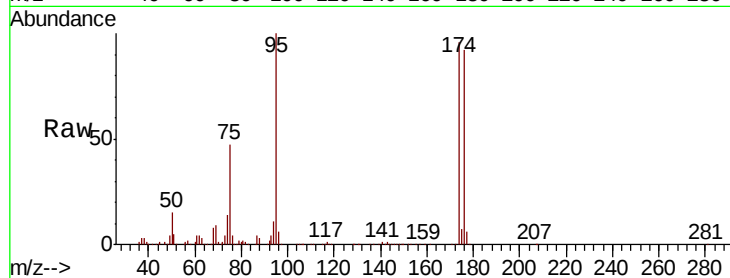
TP-1

Tgt Ion: 75 Resp: 230402

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN057370.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN057370.D (-3260) (-)

12.40

150000

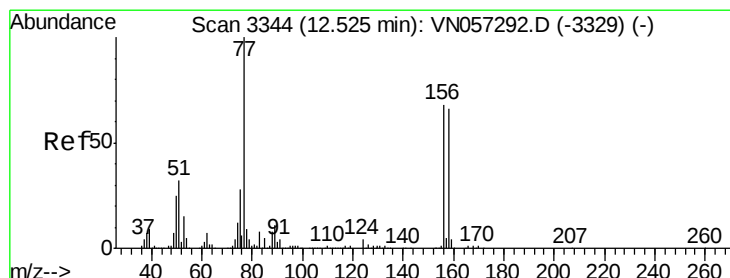
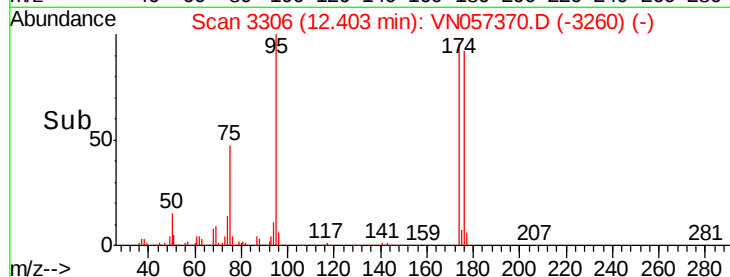
100000

50000

0

12.35 12.40 12.45

Time-->



#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057370.D

Acq: 16 Aug 2019 22:01

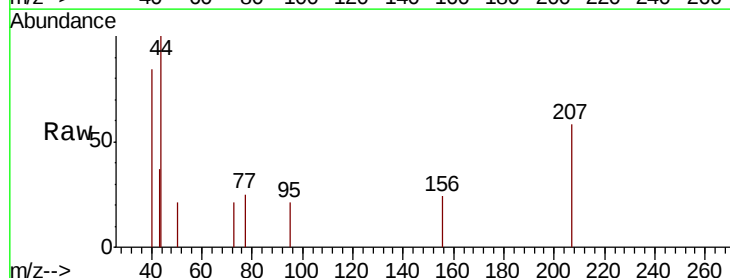
Tgt Ion: 156 Resp: 72

Ion Ratio Lower Upper

156 100

77 259.7 89.8 269.6

158 44.4 49.3 147.8#



Abundance Ion 155.80 (155.50 to 156.50): VN057370.D (-3251) (-)

Ion 77.00 (76.70 to 77.70): VN057370.D (-3251) (-)

Ion 157.80 (157.50 to 158.50): VN057370.D (-3251) (-)

300

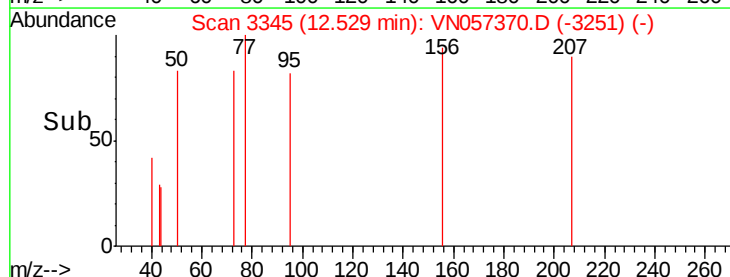
200

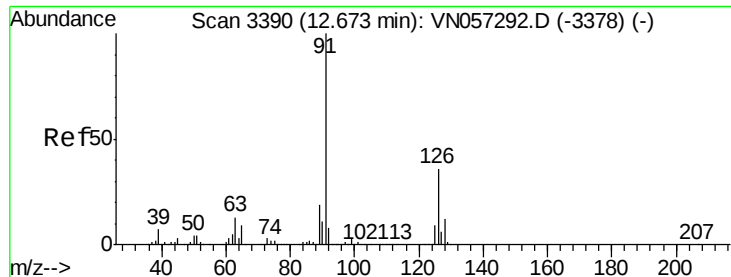
100

0

12.52 12.53 12.54

Time-->





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.78 min Scan# 3423

Delta R.T. 0.11 min

Lab File: VN057370.D

Acq: 16 Aug 2019 22:01

Instrument :

MSVOA_N

ClientSampled :

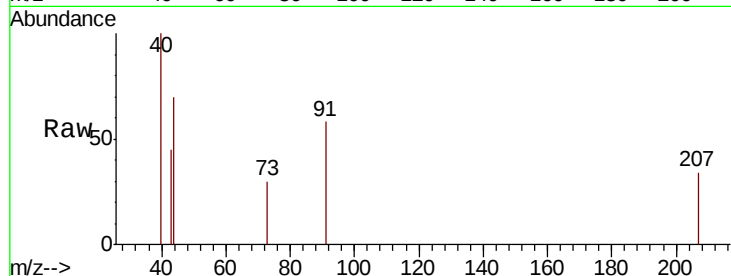
TP-1

Tgt Ion: 91 Resp: 321

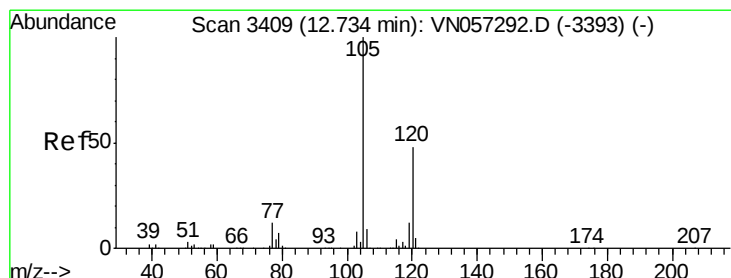
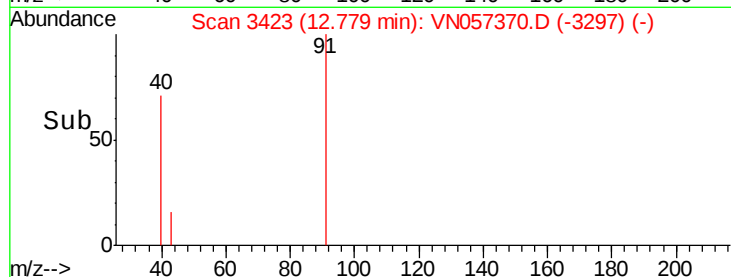
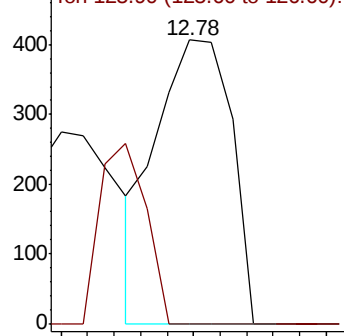
Ion Ratio Lower Upper

91 100

126 39.3 18.1 54.1



Abundance Ion 91.00 (90.70 to 91.70): VN057292.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN057370.D

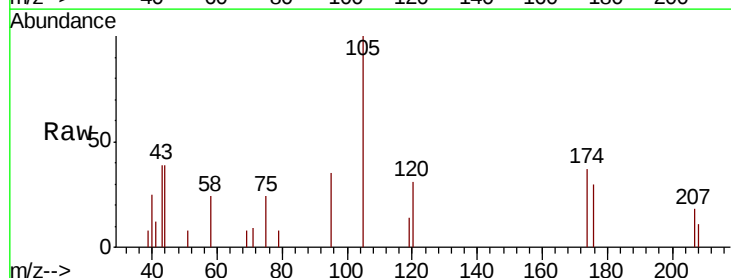
Acq: 16 Aug 2019 22:01

Tgt Ion: 105 Resp: 2413

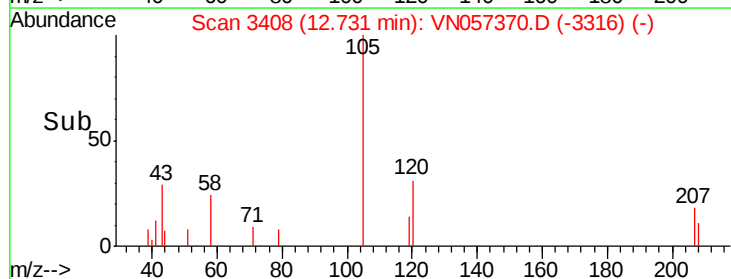
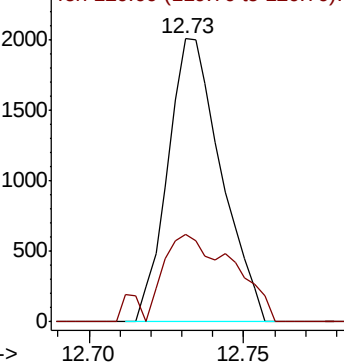
Ion Ratio Lower Upper

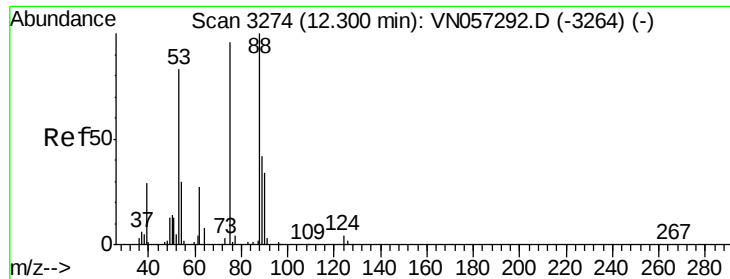
105 100

120 43.3 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VN057292.D (-3393) (-)

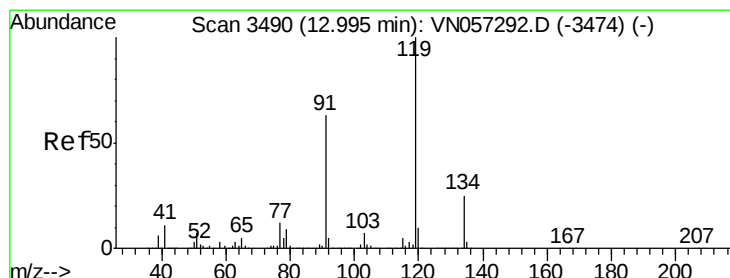
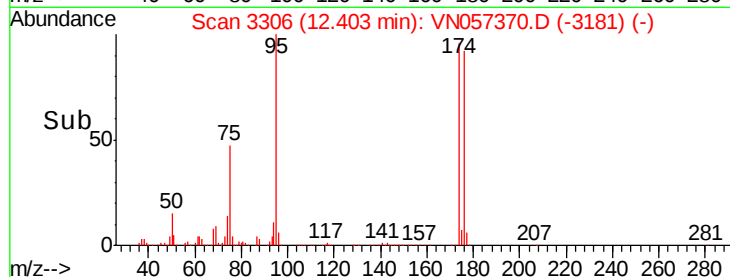
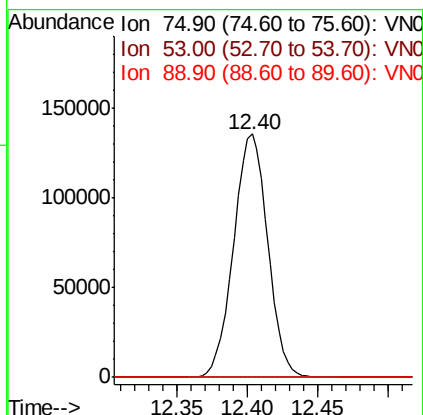
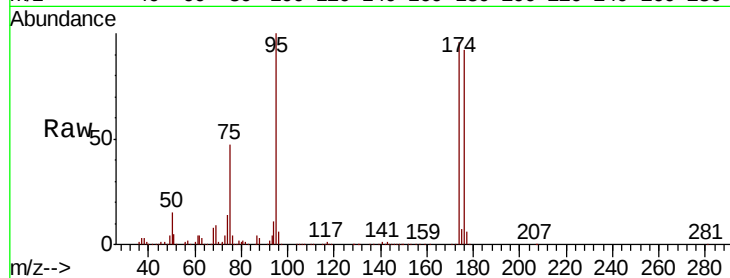




#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.232 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057370.D
 Acq: 16 Aug 2019 22:01

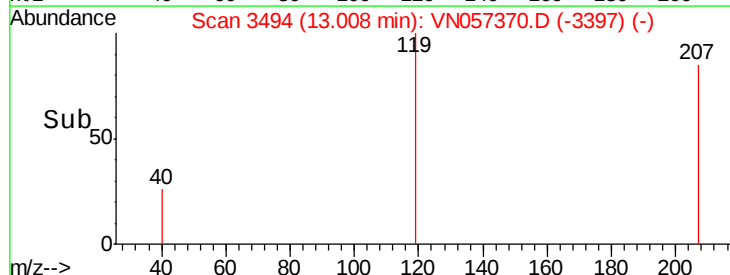
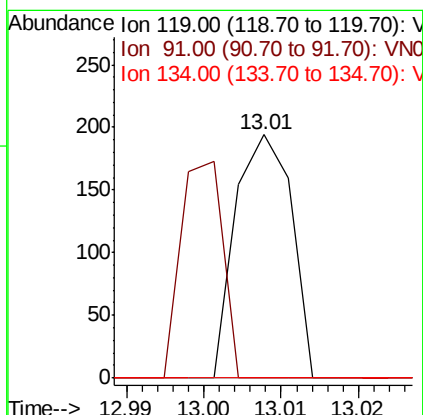
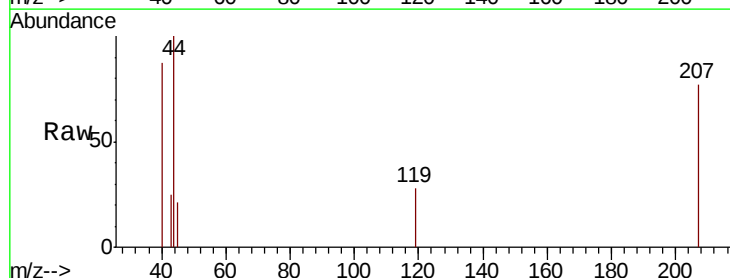
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

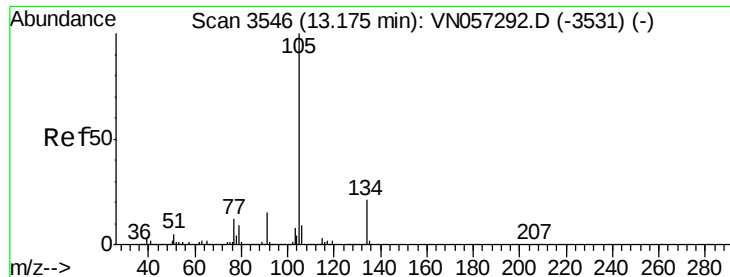
Tgt Ion: 75 Resp: 230402
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.9 101.9#
 89 0.0 36.2 54.4#



#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.01 min Scan# 3494
 Delta R.T. 0.01 min
 Lab File: VN057370.D
 Acq: 16 Aug 2019 22:01

Tgt Ion: 119 Resp: 98
 Ion Ratio Lower Upper
 119 100
 91 66.3 31.3 93.8
 134 0.0 13.1 39.1#





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057370.D

Acq: 16 Aug 2019 22:01

Instrument :

MSVOA_N

ClientSampled :

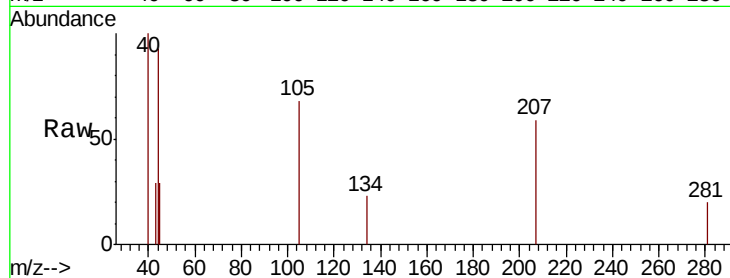
TP-1

Tgt Ion:105 Resp: 521

Ion Ratio Lower Upper

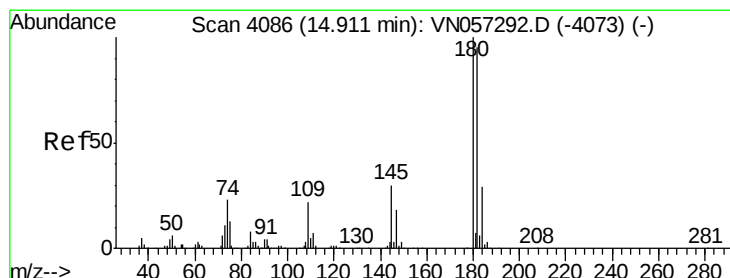
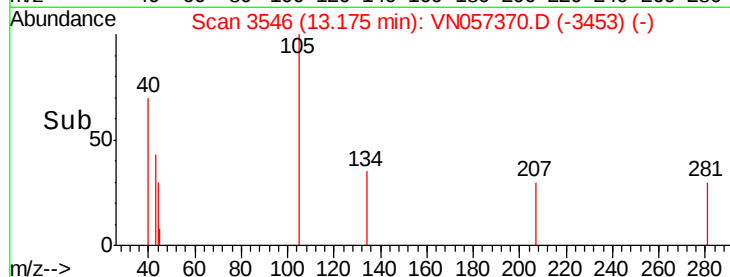
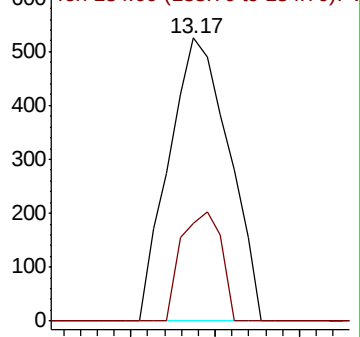
105 100

134 25.9 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#93

1,2,4-Trichlorobenzene

Concen: 5.433 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN057370.D

Acq: 16 Aug 2019 22:01

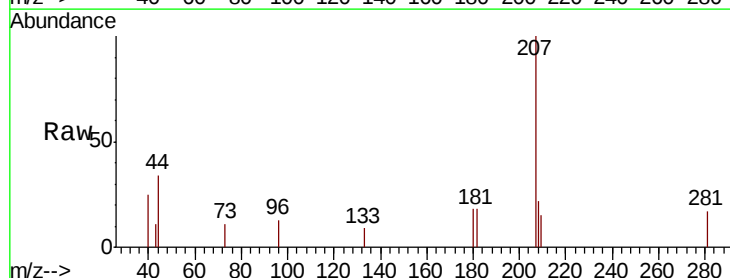
Tgt Ion:180 Resp: 401

Ion Ratio Lower Upper

180 100

182 109.2 48.0 144.2

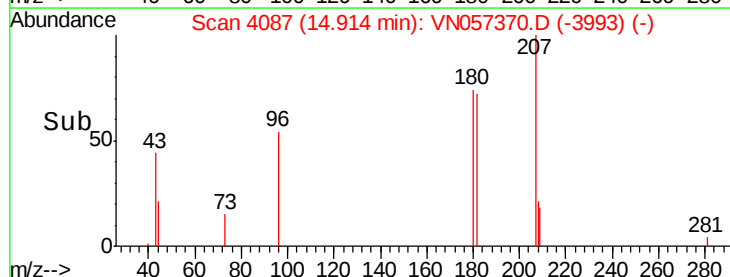
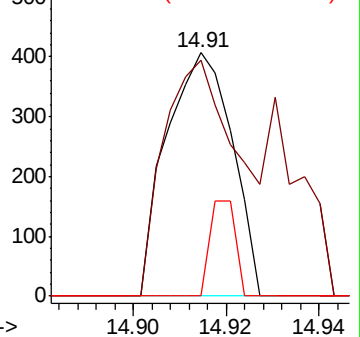
145 15.5 14.5 43.6

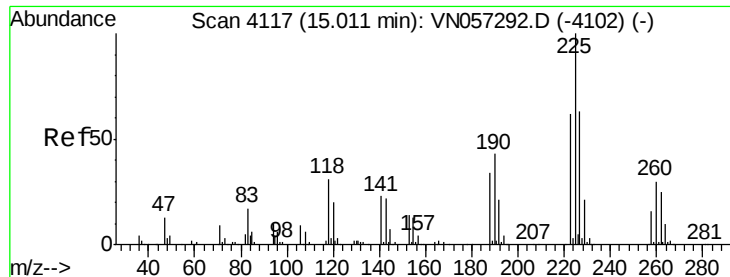


Abundance Ion 179.80 (179.50 to 180.50): V

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# 4113

Delta R.T. -0.01 min

Lab File: VN057370.D

Acq: 16 Aug 2019 22:01

Instrument :

MSVOA_N

ClientSampleId :

TP-1

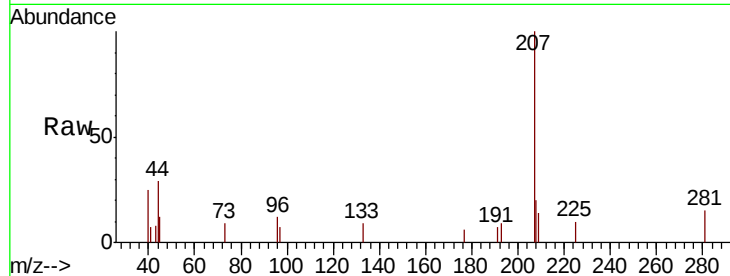
Tgt Ion:225 Resp: 311

Ion Ratio Lower Upper

225 100

223 0.0 30.7 92.1#

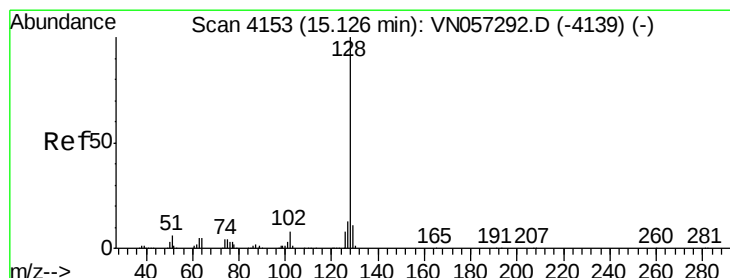
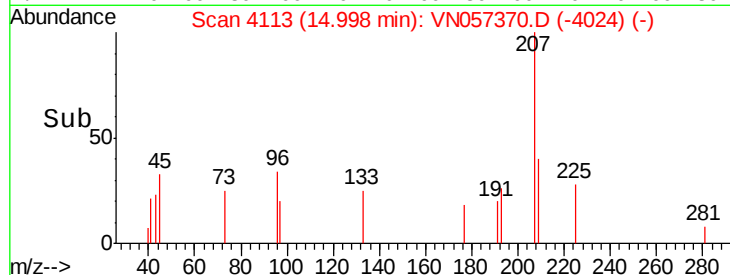
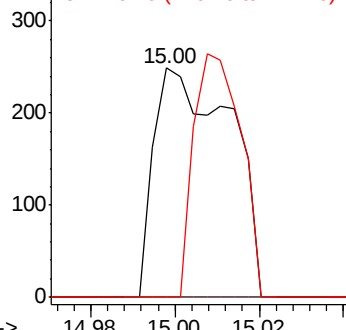
227 65.9 30.9 92.7



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: 15.12 min Scan# 4152

Delta R.T. -0.00 min

Lab File: VN057370.D

Acq: 16 Aug 2019 22:01

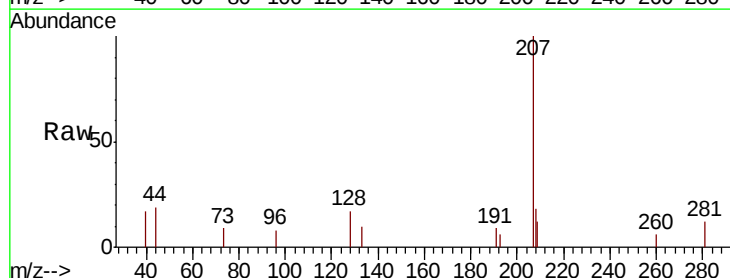
Tgt Ion:128 Resp: 786

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

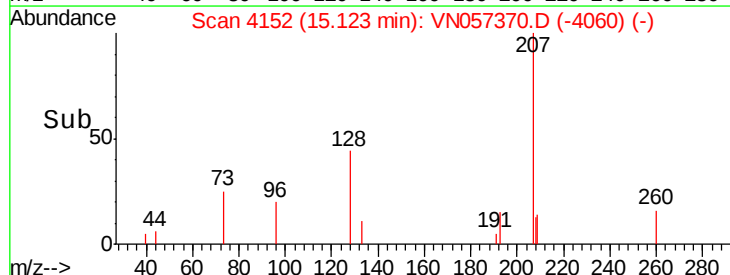
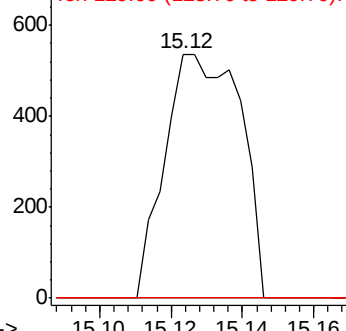
129 0.0 8.8 13.2#

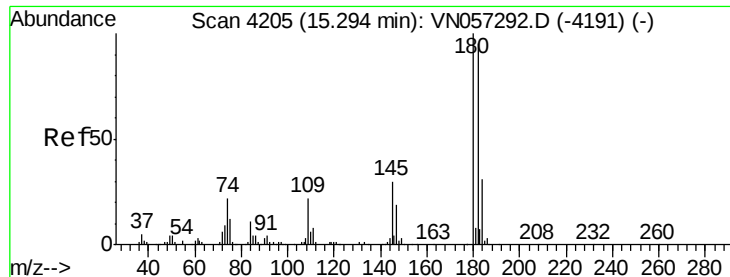


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

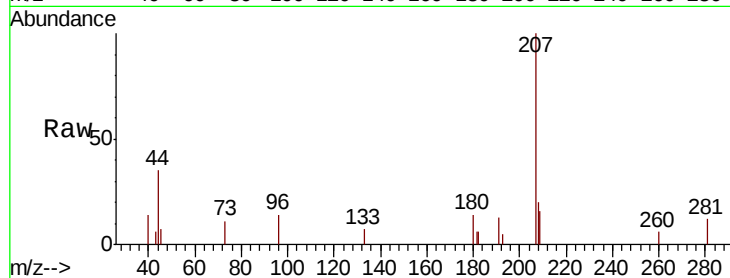




#96
 1,2,3-Trichlorobenzene
 Concen: Below Cal
 RT: 15.30 min Scan# 4207
 Delta R.T. 0.01 min
 Lab File: VN057370.D
 Acq: 16 Aug 2019 22:01

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Tgt Ion:180 Resp: 331
 Ion Ratio Lower Upper
 180 100
 182 108.8 47.9 143.6
 145 0.0 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

