

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081819\
 Data File : VN057373.D
 Acq On : 16 Aug 2019 23:14
 Operator : JC/SP
 Sample : K4356-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Aug 17 03:48:09 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	1136772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1585169	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1283214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	321743	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	518039	41.92	ug/l	0.00
Spiked Amount			Recovery	=	83.84%	
35) Dibromofluoromethane	7.58	113	472230	45.45	ug/l	0.00
Spiked Amount			Recovery	=	90.90%	
50) Toluene-d8	10.09	98	1813235	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	
62) 4-Bromofluorobenzene	12.40	95	467703	34.82	ug/l	0.00
Spiked Amount			Recovery	=	69.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.40	74	2476	0.386	ug/l	97
11) Tert butyl alcohol	4.74	59	2311	1.315	ug/l #	73
16) Acetone	3.81	43	94074	21.944	ug/l	98
17) Carbon Disulfide	4.05	76	5779	0.215	ug/l #	95
18) Methyl Acetate	4.31	43	31277	0.327	ug/l	99
20) Methylene Chloride	4.55	84	22904	1.910	ug/l	93
25) 2-Butanone	6.83	43	36813	5.930	ug/l	93
29) Tetrahydrofuran	7.21	42	786	0.200	ug/l #	74
31) Cyclohexane	7.65	56	16418	0.975	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	67019	4.788	ug/l #	48
37) Ethyl Acetate	6.83	43	36813	3.211	ug/l #	67
38) Carbon Tetrachloride	7.66	117	97227	6.686	ug/l #	16
43) Isopropyl Acetate	8.16	43	186055	7.926	ug/l #	82
45) 1,2-Dichloropropane	9.27	63	2623	0.238	ug/l #	44
48) Methyl methacrylate	9.17	41	8624	0.914	ug/l #	11
49) 1,4-Dioxane	9.26	88	145	0.730	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7166	0.606	ug/l #	85
54) cis-1,3-Dichloropropene	9.90	75	63910	3.674	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	9252	0.529	ug/l #	43
59) 2-Hexanone	10.76	43	117915	13.869	ug/l #	50
73) Isopropylbenzene	12.25	105	118	Below Cal	#	49
74) N-amyl acetate	12.03	43	3898	0.418	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.40	83	100	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	215473	33.392	ug/l #	100
79) 2-Chlorotoluene	12.77	91	144	Below Cal		81
80) 1,3,5-Trimethylbenzene	12.73	105	1569	Below Cal		94
81) trans-1,4-Dichloro-2-buten	12.40	75	215473	81.663	ug/l #	15
83) tert-Butylbenzene	13.00	119	128	Below Cal	#	77
85) sec-Butylbenzene	13.17	105	509	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.91	180	310	5.422	ug/l #	70
95) Naphthalene	15.13	128	340	Below Cal	#	69
96) 1,2,3-Trichlorobenzene	15.31	180	247	Below Cal	#	32

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QLast Update : Thu Aug 15 11:33:14 2019
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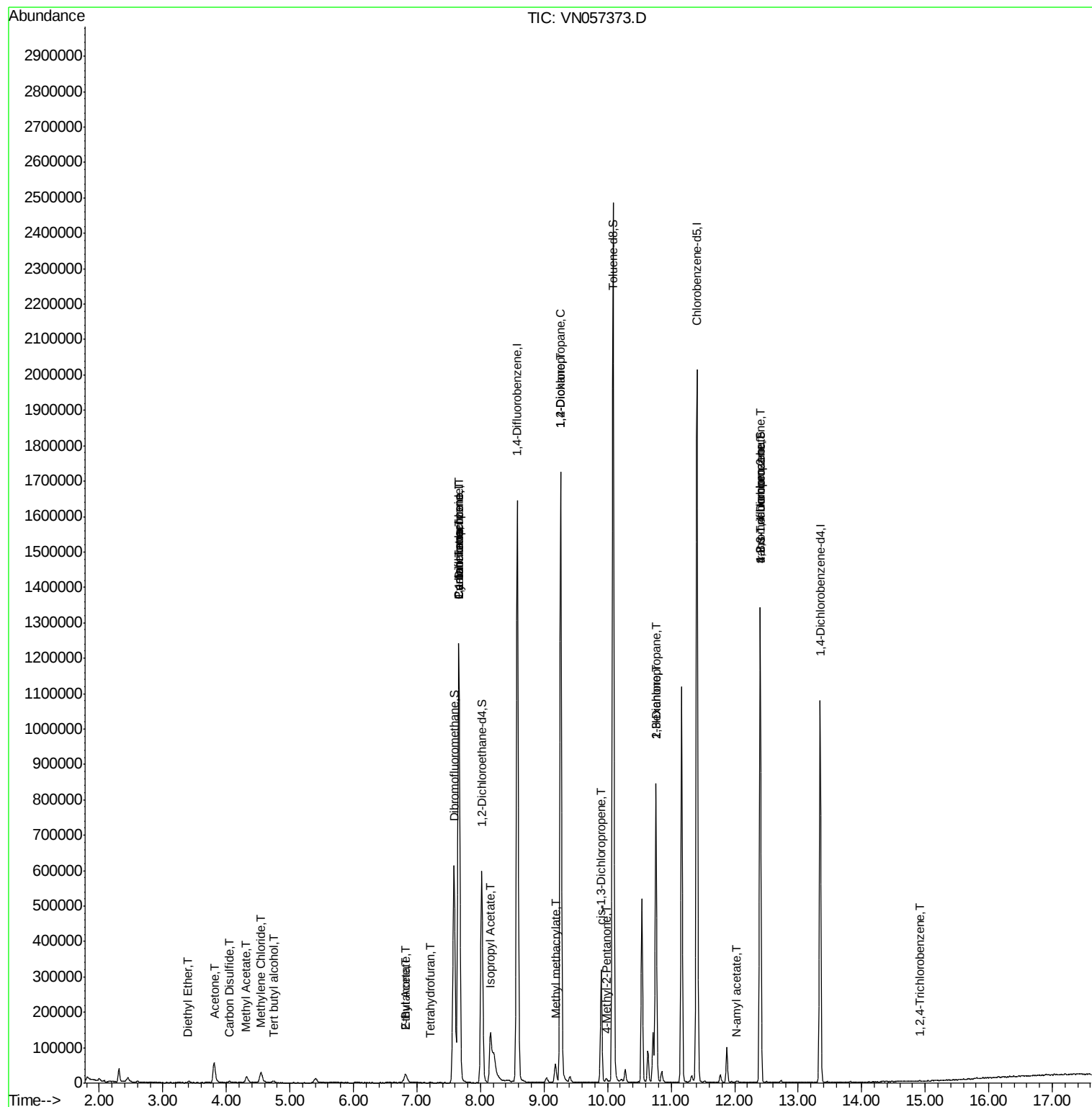
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

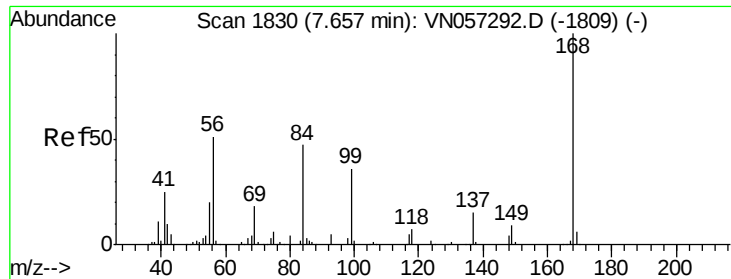
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081819\
Data File : VN057373.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: VN057373.D

Acq: 16 Aug 2019 23:14

Instrument :

MSVOA_N

ClientSampled :

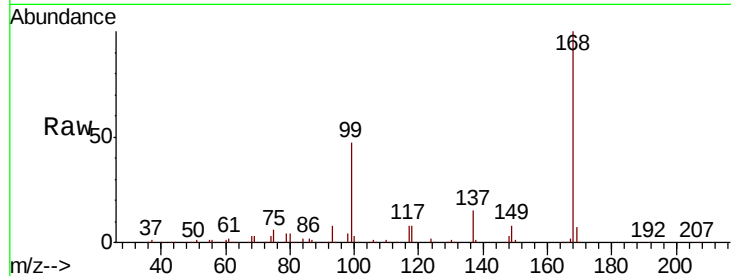
TP-4

Tgt Ion:168 Resp: 1136772

Ion Ratio Lower Upper

168 100

99 47.1 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

500000

400000

300000

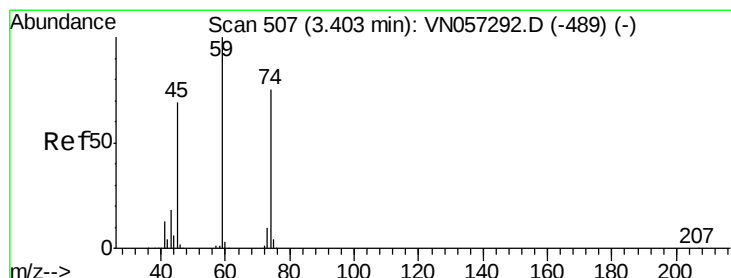
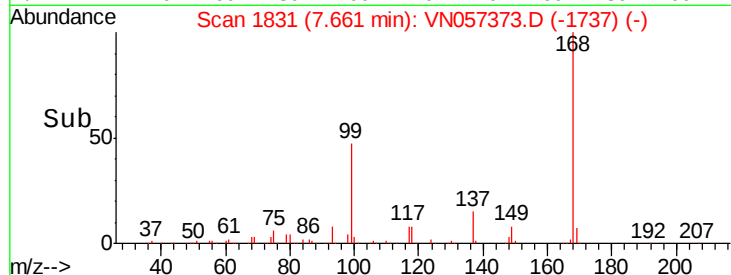
200000

100000

0

Time-->

7.60 7.70



#8

Diethyl Ether

Concen: 0.386 ug/l

RT: 3.40 min Scan# 507

Delta R.T. 0.00 min

Lab File: VN057373.D

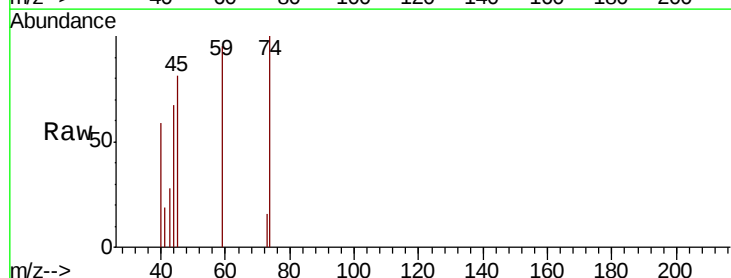
Acq: 16 Aug 2019 23:14

Tgt Ion: 74 Resp: 2476

Ion Ratio Lower Upper

74 100

45 94.8 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

3.40

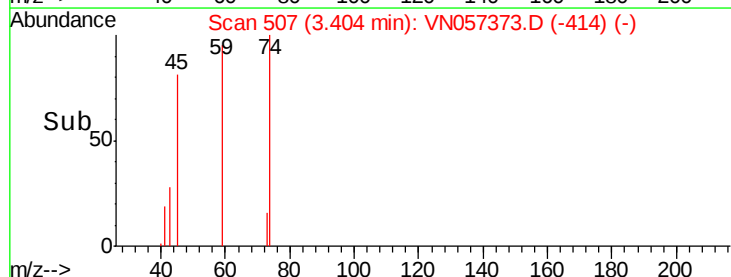
1000

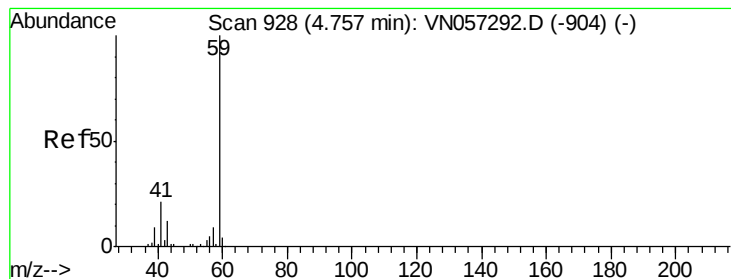
500

0

Time-->

3.35 3.40 3.45



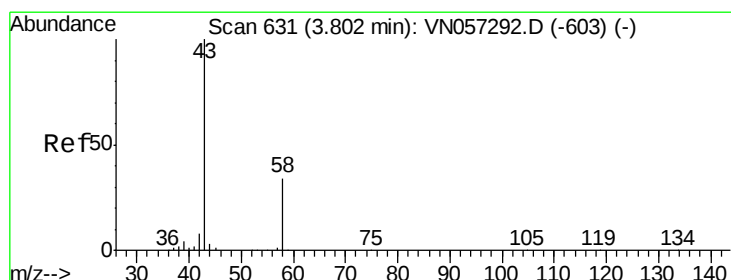
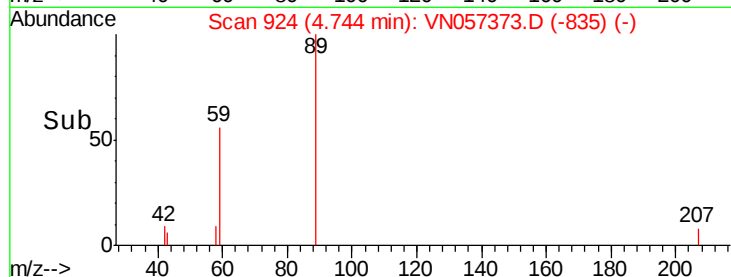
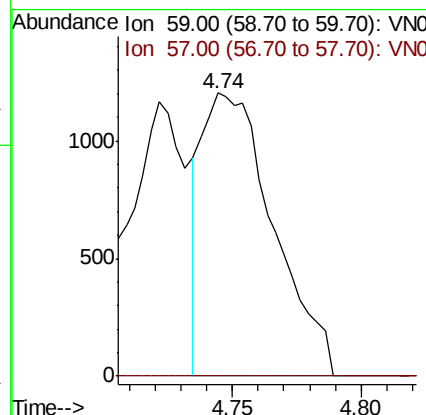
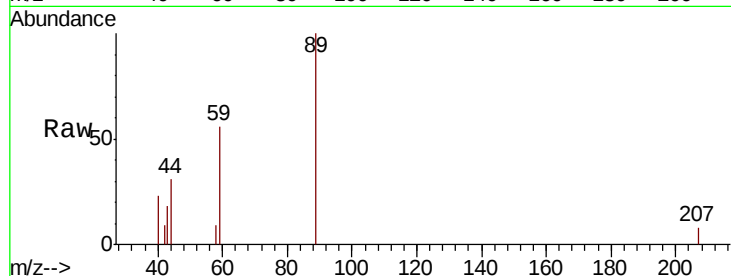


#11

Tert butyl alcohol
 Concen: 1.315 ug/l
 RT: 4.74 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: VN057373.D
 Acq: 16 Aug 2019 23:14

Instrument :
 MSVOA_N
 ClientSampled :
 TP-4

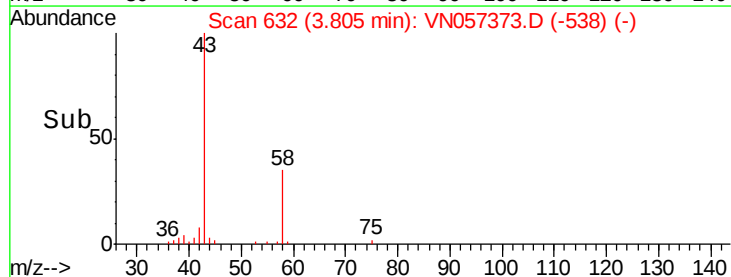
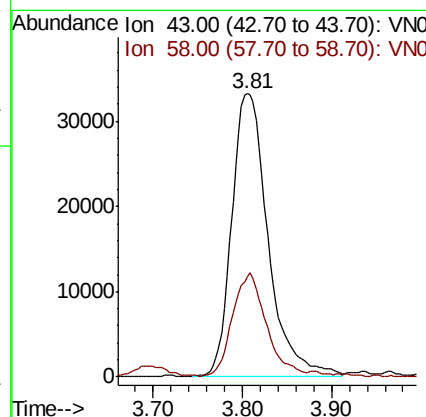
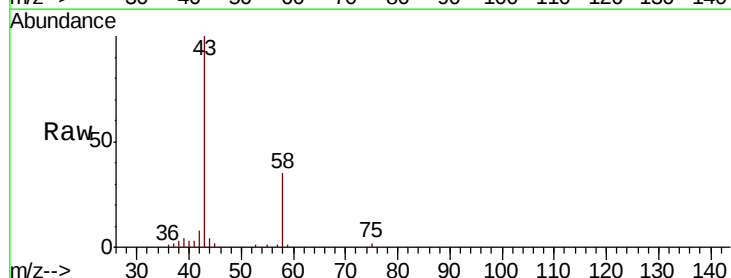
Tgt Ion: 59 Resp: 2311
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

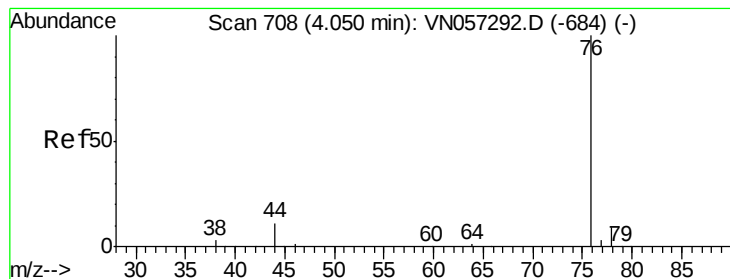


#16

Acetone
 Concen: 21.944 ug/l
 RT: 3.81 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: VN057373.D
 Acq: 16 Aug 2019 23:14

Tgt Ion: 43 Resp: 94074
 Ion Ratio Lower Upper
 43 100
 58 34.9 27.0 40.6





#17

Carbon Disulfide

Concen: 0.215 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN057373.D

Acq: 16 Aug 2019 23:14

Instrument :

MSVOA_N

ClientSampled :

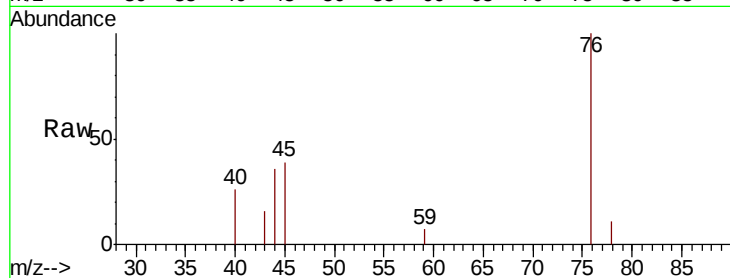
TP-4

Tgt Ion: 76 Resp: 5779

Ion Ratio Lower Upper

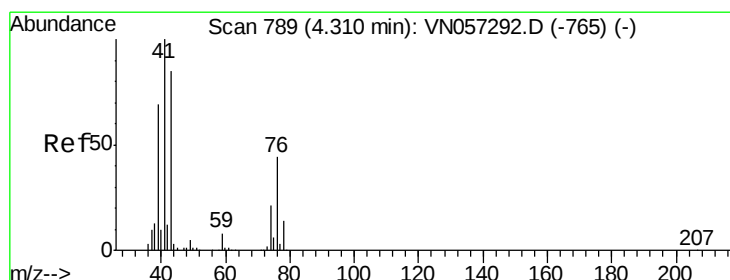
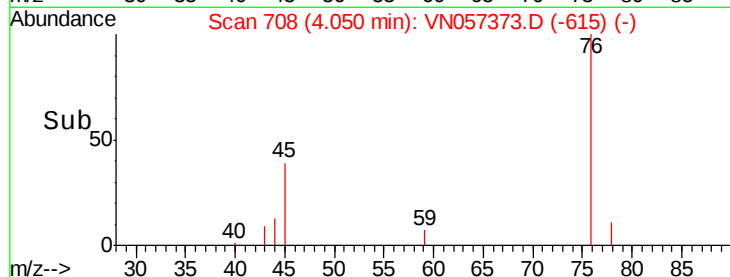
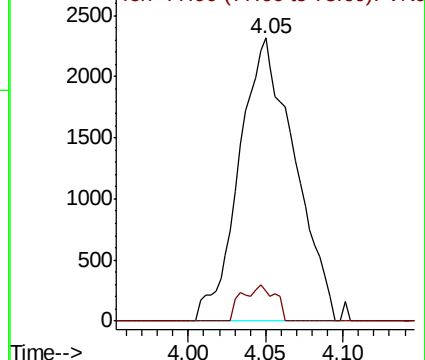
76 100

78 10.8 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.327 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN057373.D

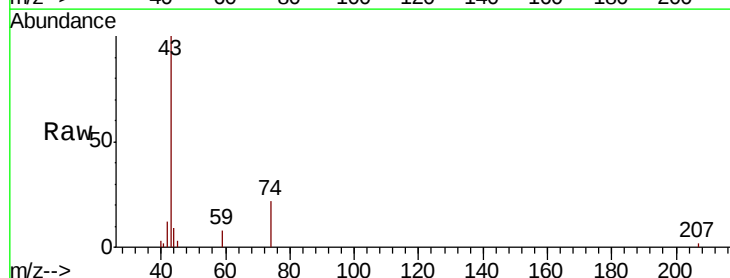
Acq: 16 Aug 2019 23:14

Tgt Ion: 43 Resp: 31277

Ion Ratio Lower Upper

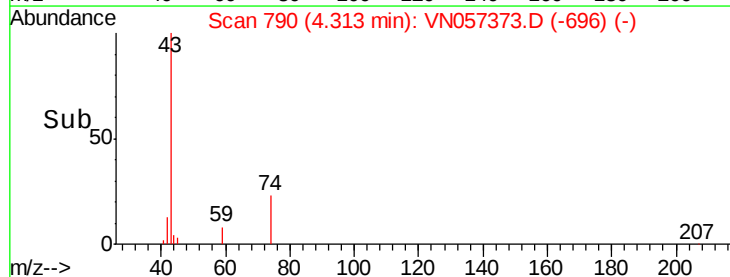
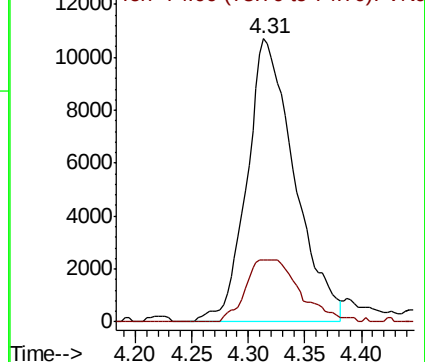
43 100

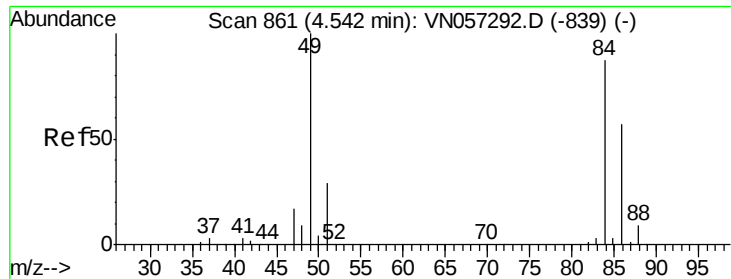
74 24.7 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

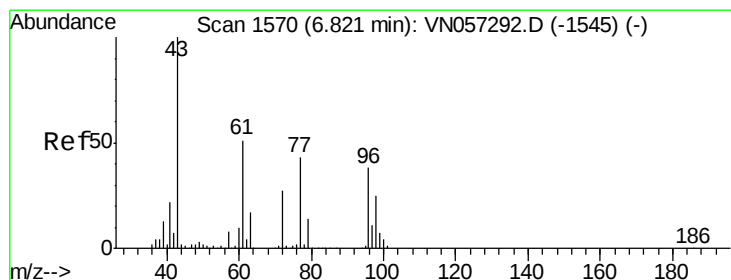
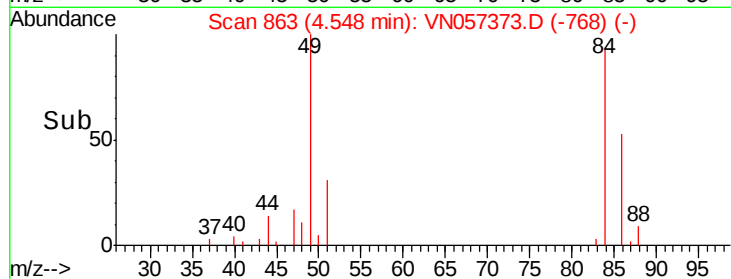
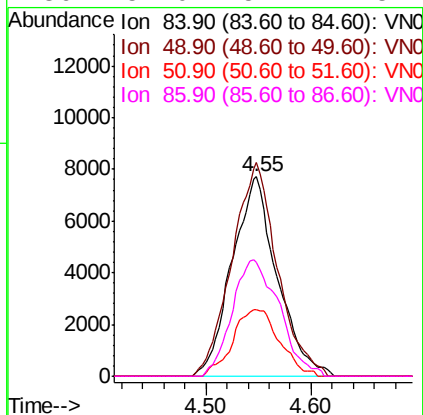
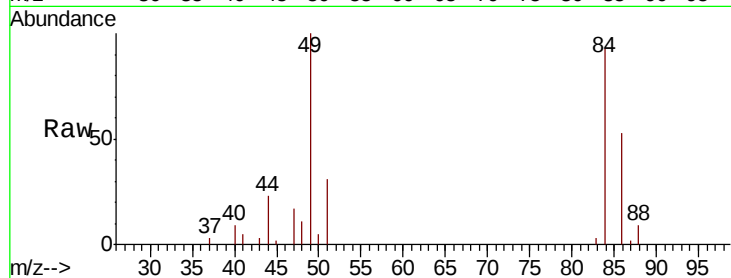




#20
Methylene Chloride
Concen: 1.910 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN057373.D
Acq: 16 Aug 2019 23:14

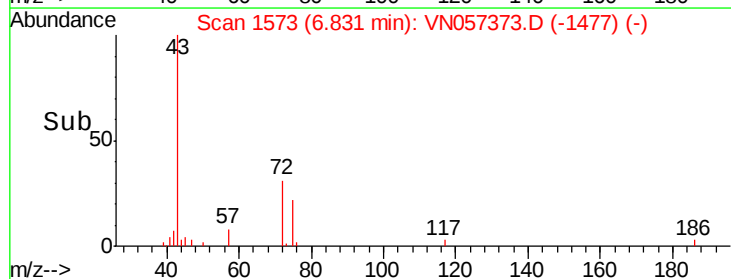
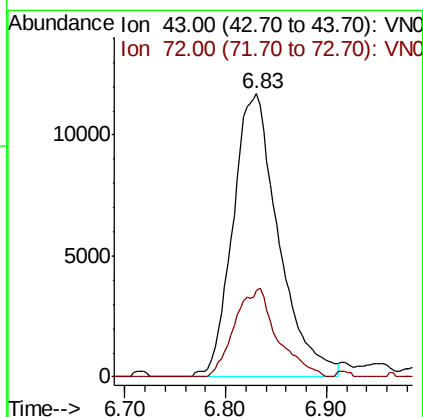
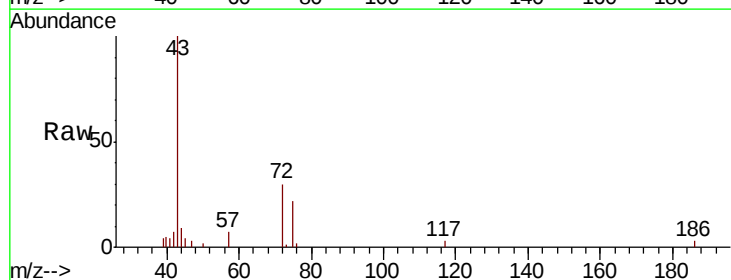
Instrument :
MSVOA_N
ClientSampled :
TP-4

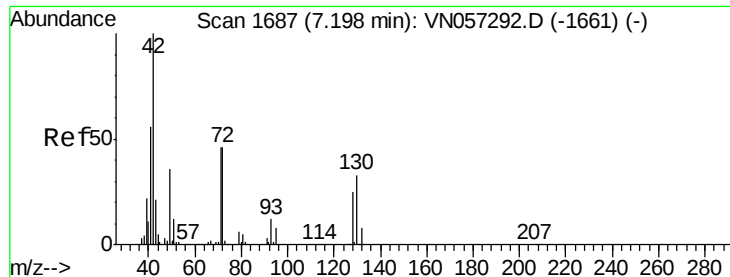
Tgt Ion:	84	Resp:	22904
Ion	Ratio	Lower	Upper
84	100		
49	107.2	92.0	138.0
51	33.2	27.1	40.7
86	57.0	52.2	78.2



#25
2-Butanone
Concen: 5.930 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VN057373.D
Acq: 16 Aug 2019 23:14

Tgt Ion:	43	Resp:	36813
Ion	Ratio	Lower	Upper
43	100		
72	30.3	21.5	32.3





#29

Tetrahydrofuran

Concen: 0.200 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.02 min

Lab File: VN057373.D

Acq: 16 Aug 2019 23:14

Instrument :

MSVOA_N

ClientSampleId :

TP-4

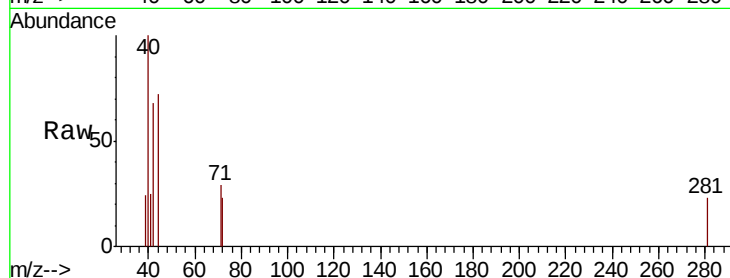
Tgt Ion: 42 Resp: 786

Ion Ratio Lower Upper

42 100

72 28.2 37.8 56.6#

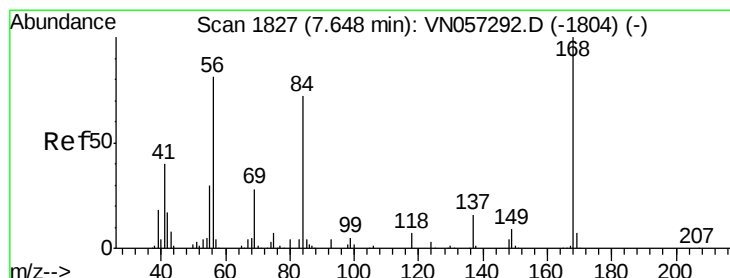
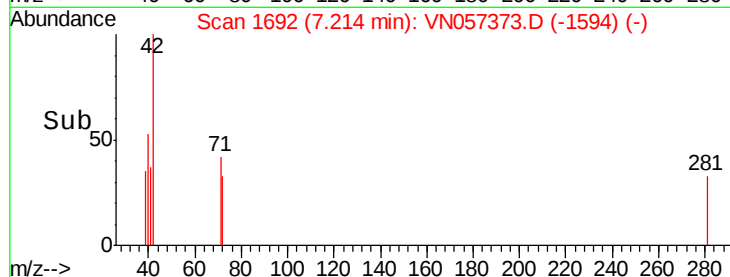
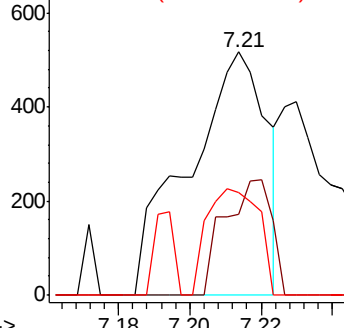
71 28.9 35.7 53.5#



Abundance Ion 42.00 (41.70 to 42.70): VNC

Ion 72.00 (71.70 to 72.70): VNC

Ion 71.00 (70.70 to 71.70): VNC



#31

Cyclohexane

Concen: 0.975 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN057373.D

Acq: 16 Aug 2019 23:14

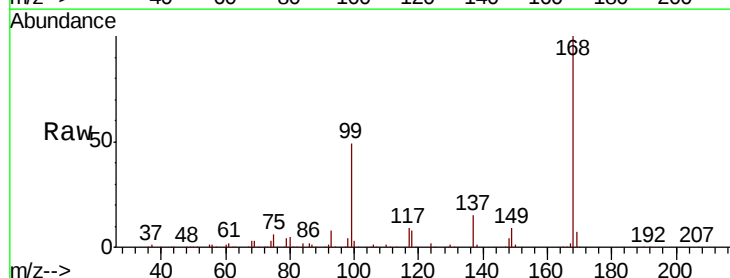
Tgt Ion: 56 Resp: 16418

Ion Ratio Lower Upper

56 100

69 202.2 27.3 40.9#

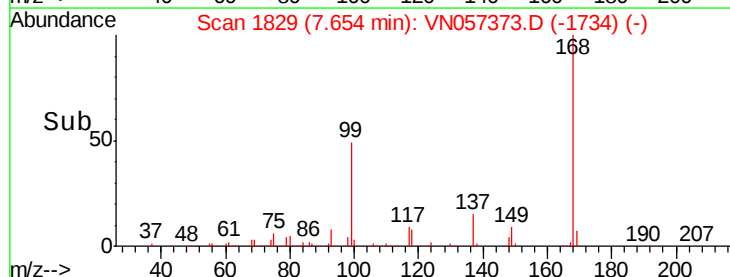
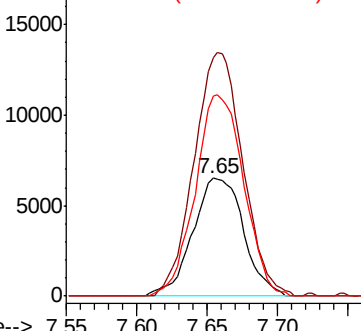
84 170.2 71.0 106.6#

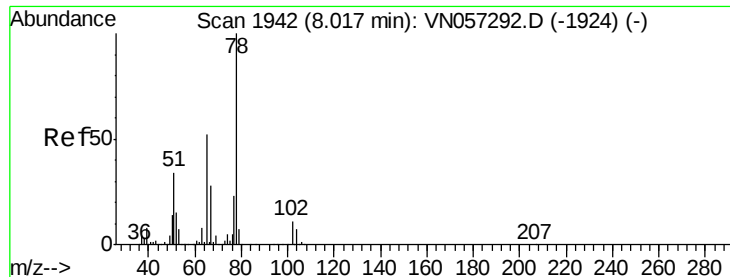


Abundance Ion 56.00 (55.70 to 56.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 84.00 (83.70 to 84.70): VNC

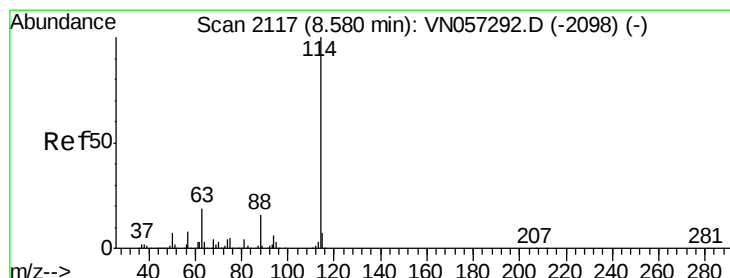
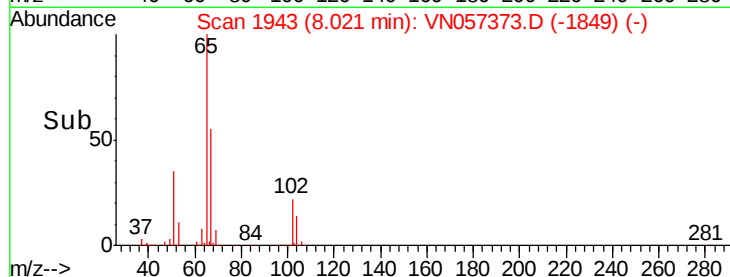
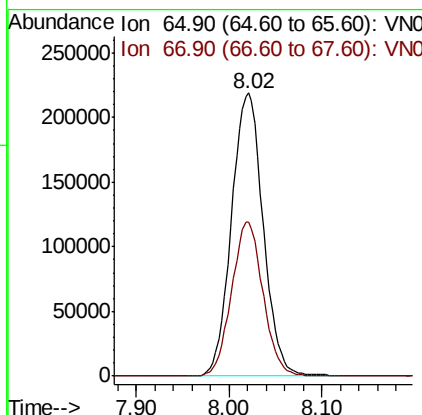
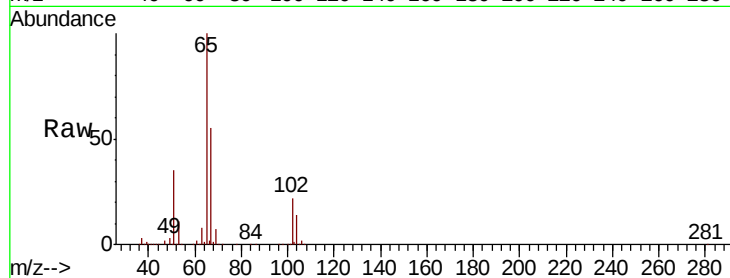




#33
 1,2-Dichloroethane-d4
 Concen: 41.920 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057373.D
 Acq: 16 Aug 2019 23:14

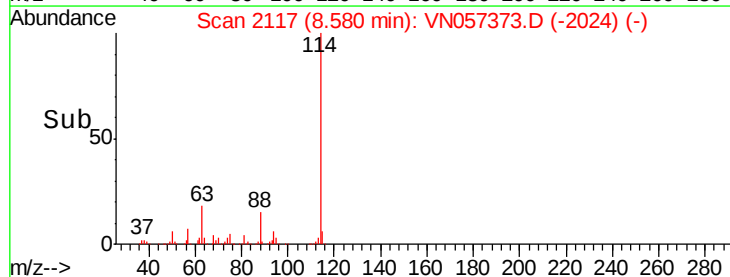
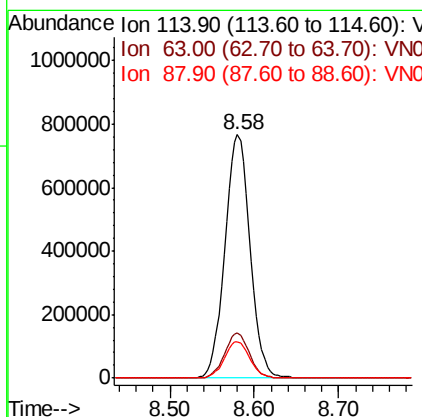
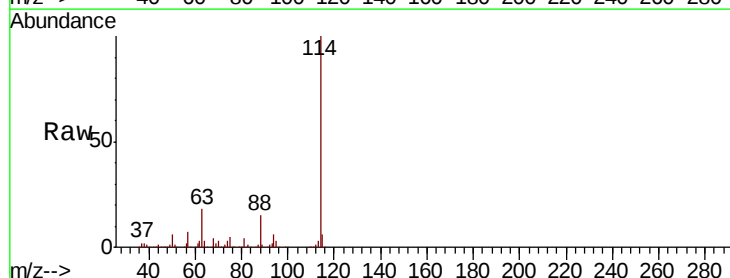
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

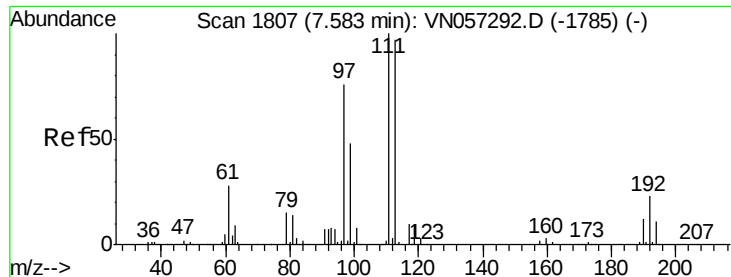
Tgt Ion: 65 Resp: 518039
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057373.D
 Acq: 16 Aug 2019 23:14

Tgt Ion: 114 Resp: 1585169
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 38.8
 88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.446 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN057373.D

Acq: 16 Aug 2019 23:14

Instrument :
MSVOA_N
ClientSampleId :
TP-4

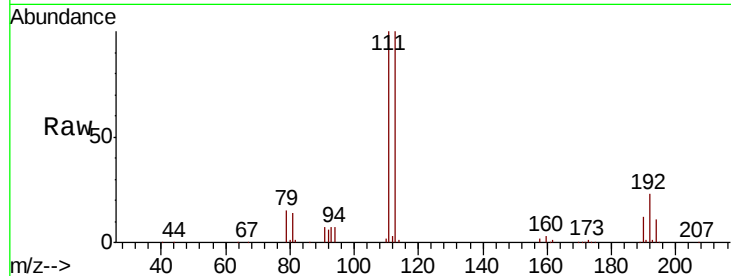
Tgt Ion:113 Resp: 472230

Ion Ratio Lower Upper

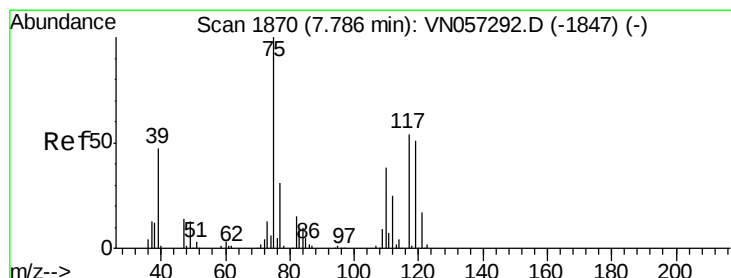
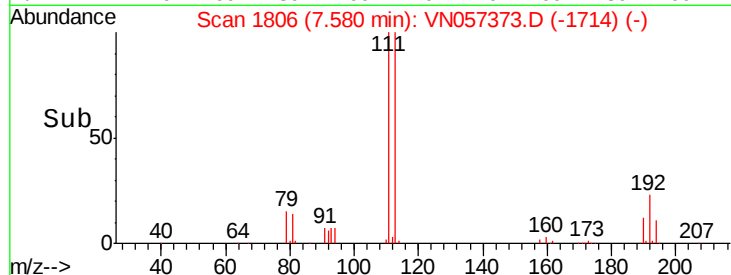
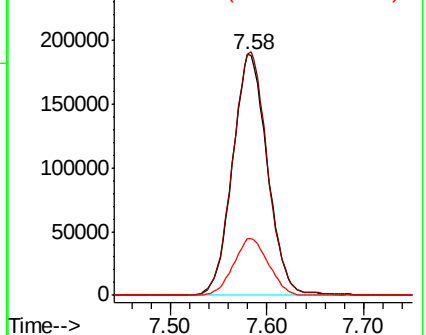
113 100

111 101.7 82.1 123.1

192 23.6 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: 4.788 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.13 min

Lab File: VN057373.D

Acq: 16 Aug 2019 23:14

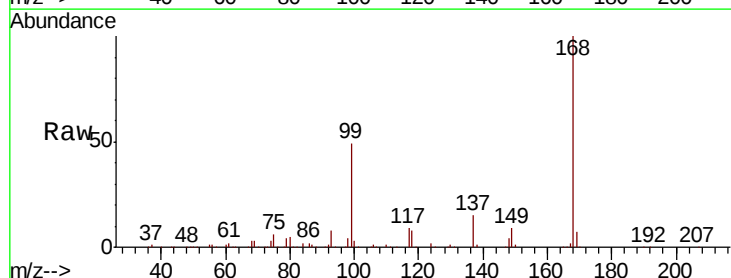
Tgt Ion: 75 Resp: 67019

Ion Ratio Lower Upper

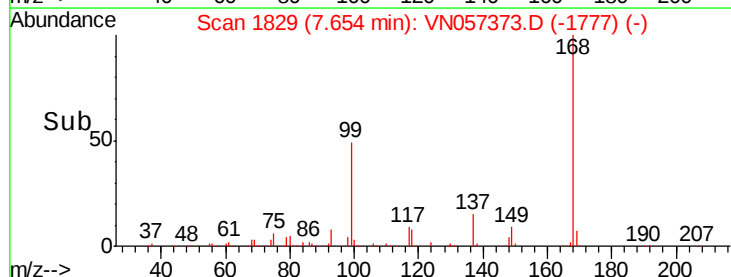
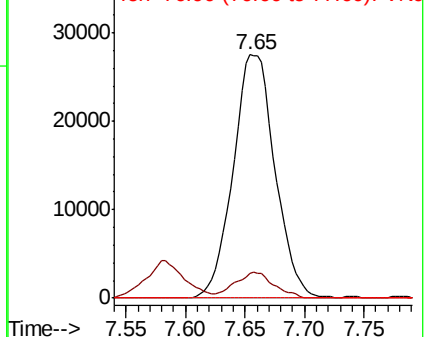
75 100

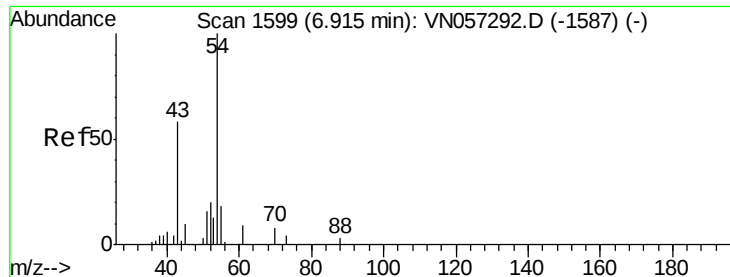
110 10.0 19.5 58.5#

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: 3.211 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.08 min

Lab File: VN057373.D

Acq: 16 Aug 2019 23:14

Instrument :

MSVOA_N

ClientSampleId :

TP-4

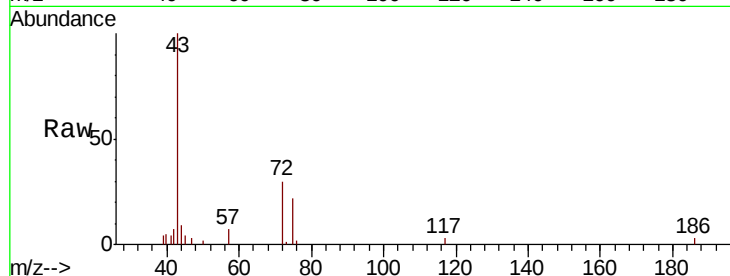
Tgt Ion: 43 Resp: 36813

Ion Ratio Lower Upper

43 100

61 0.0 12.0 18.0#

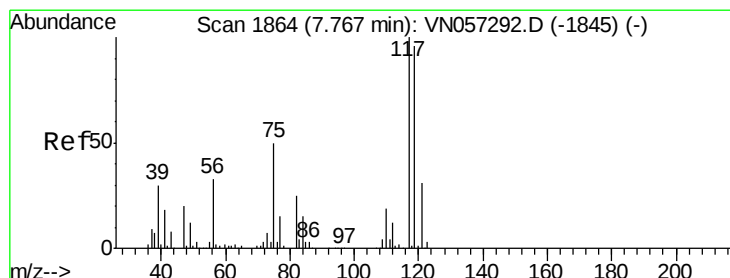
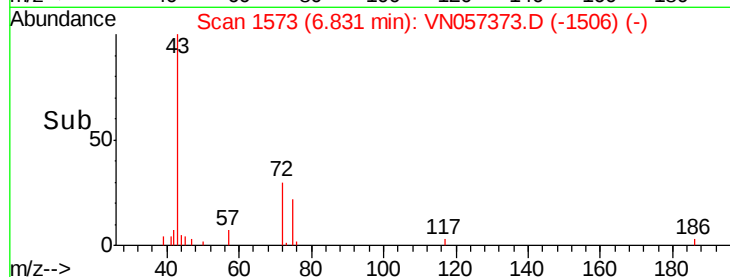
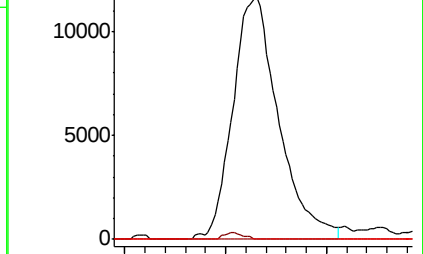
70 0.0 9.2 13.8#



Abundance Ion 43.00 (42.70 to 43.70): VN057292.D (-1587) (-)

Ion 60.90 (60.60 to 61.60): VN057292.D (-1587) (-)

Ion 70.00 (69.70 to 70.70): VN057292.D (-1587) (-)



#38

Carbon Tetrachloride

Concen: 6.686 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN057373.D

Acq: 16 Aug 2019 23:14

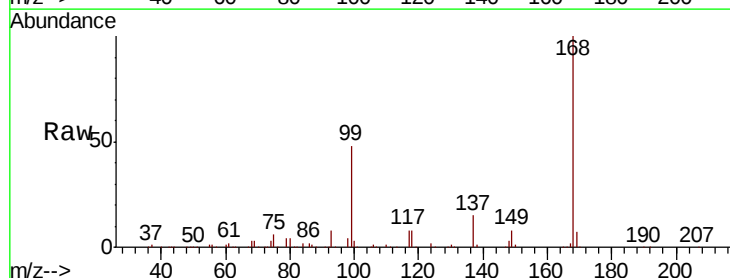
Tgt Ion: 117 Resp: 97227

Ion Ratio Lower Upper

117 100

119 4.9 76.8 115.2#

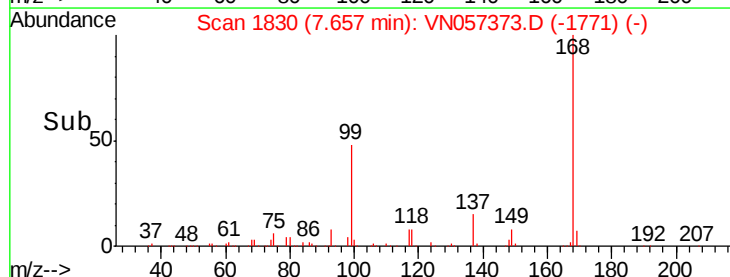
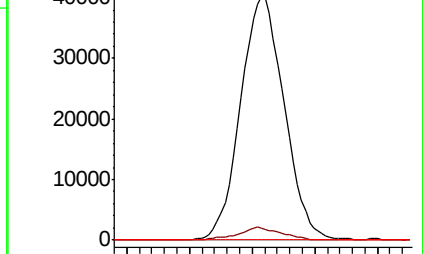
121 0.0 25.0 37.4#

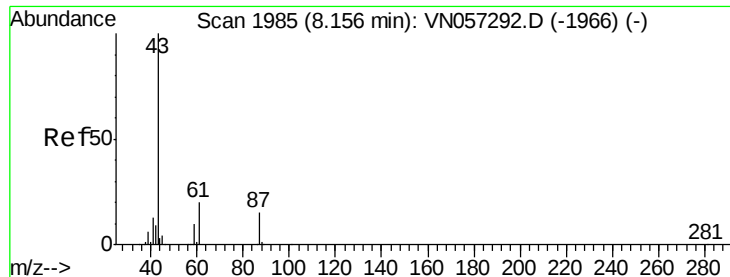


Abundance Ion 116.80 (116.50 to 117.50): VN057292.D (-1845) (-)

Ion 118.80 (118.50 to 119.50): VN057292.D (-1845) (-)

Ion 120.80 (120.50 to 121.50): VN057292.D (-1845) (-)





#43

Isopropyl Acetate

Concen: 7.926 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057373.D

Acq: 16 Aug 2019 23:14

Instrument :

MSVOA_N

ClientSampled :

TP-4

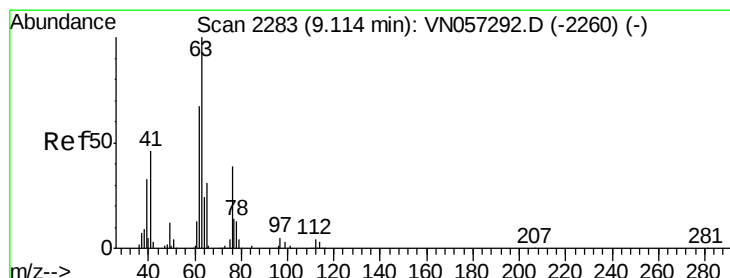
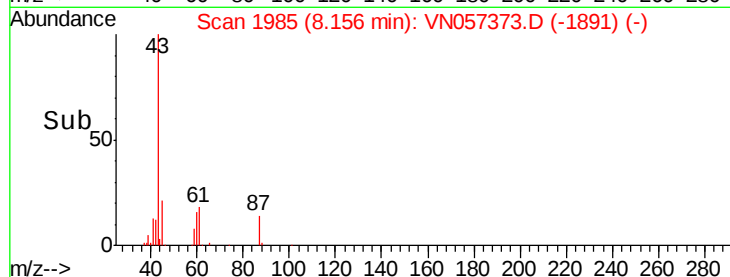
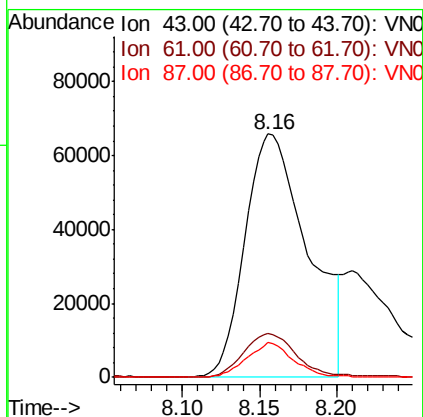
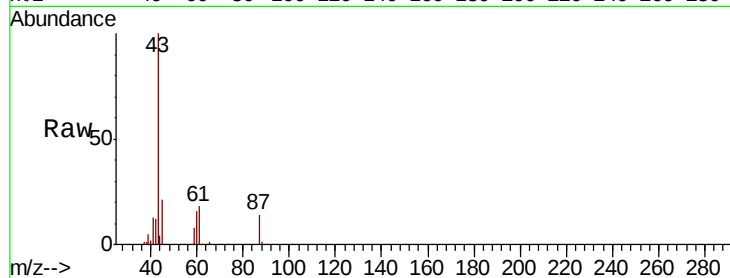
Tgt Ion: 43 Resp: 186055

Ion Ratio Lower Upper

43 100

61 15.4 21.6 32.4#

87 10.7 11.4 17.0#



#45

1,2-Dichloropropane

Concen: 0.238 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.15 min

Lab File: VN057373.D

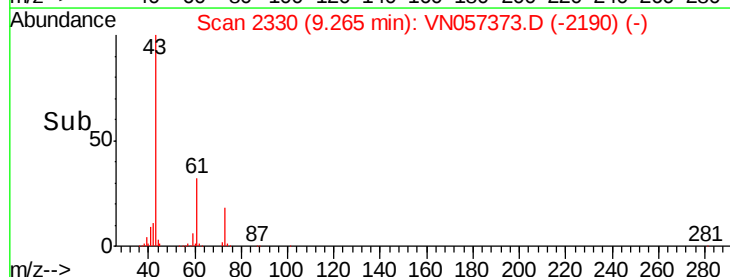
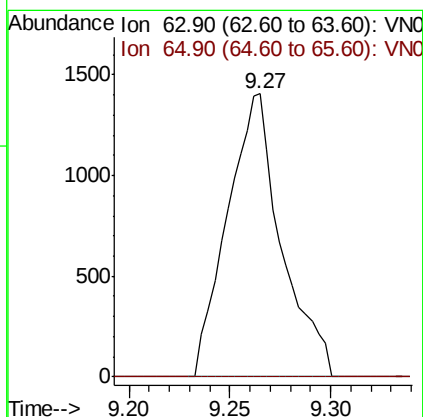
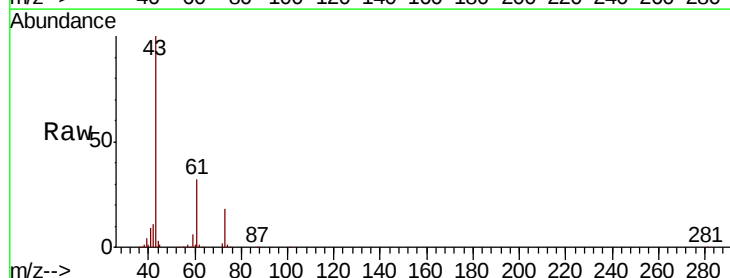
Acq: 16 Aug 2019 23:14

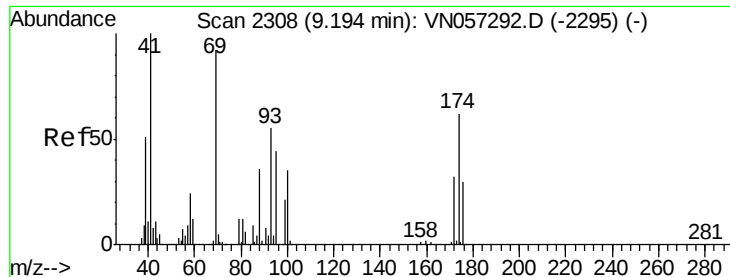
Tgt Ion: 63 Resp: 2623

Ion Ratio Lower Upper

63 100

65 0.0 24.8 37.2#

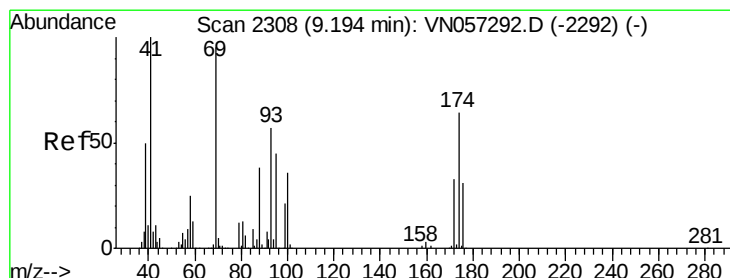
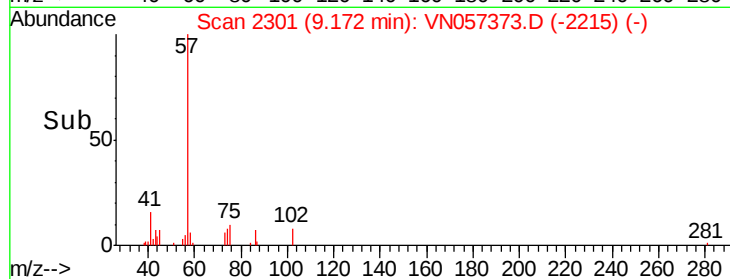
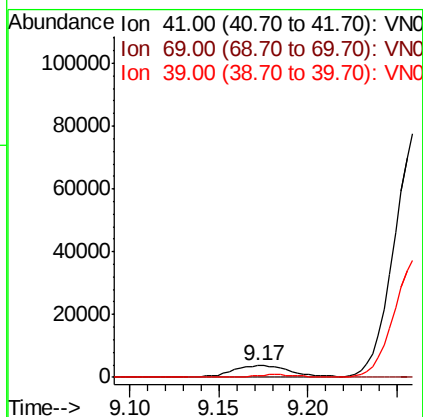
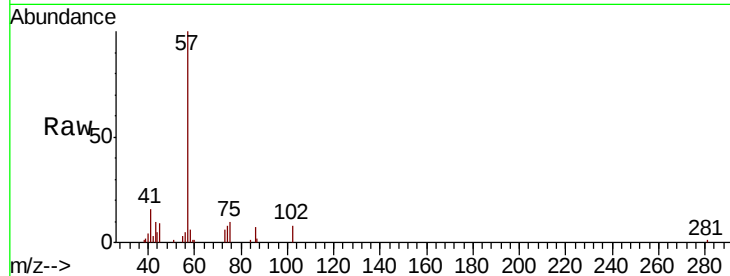




#48
Methyl methacrylate
Concen: 0.914 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN057373.D
Acq: 16 Aug 2019 23:14

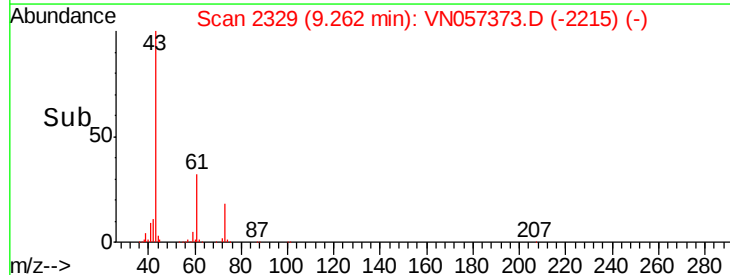
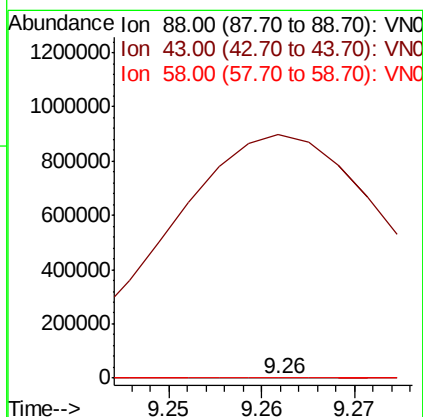
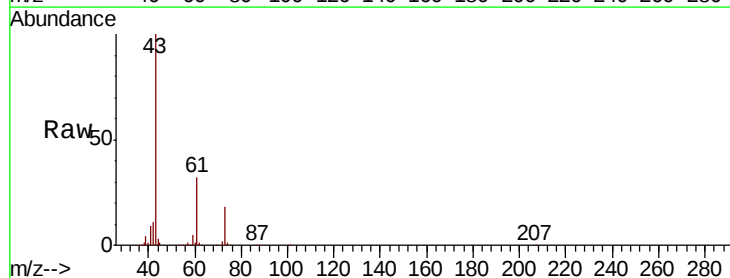
Instrument :
MSVOA_N
ClientSampled :
TP-4

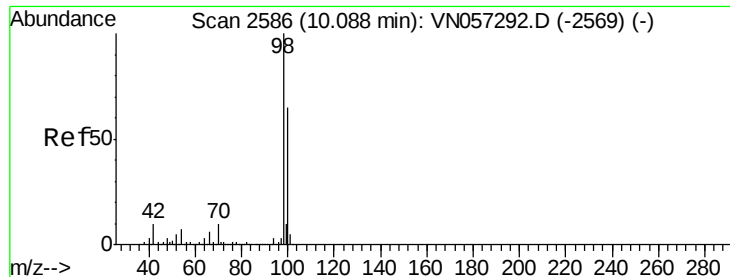
Tgt Ion: 41 Resp: 8624
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 42.3 63.5#



#49
1,4-Dioxane
Concen: 0.730 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.07 min
Lab File: VN057373.D
Acq: 16 Aug 2019 23:14

Tgt Ion: 88 Resp: 145
Ion Ratio Lower Upper
88 100
43 1156742.8 22.9 34.3#
58 4828.3 52.7 79.1#





#50

Toluene-d8

Concen: 47.709 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057373.D

Acq: 16 Aug 2019 23:14

Instrument :

MSVOA_N

ClientSampled :

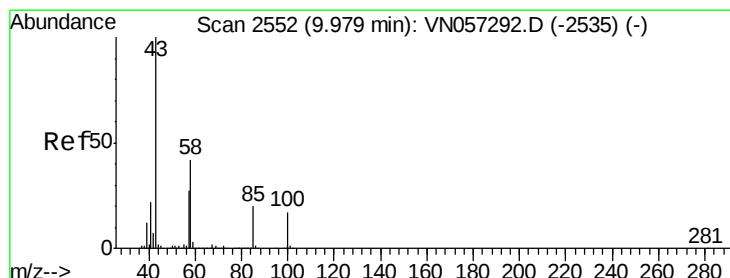
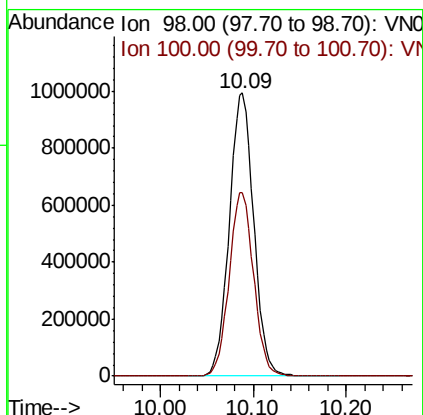
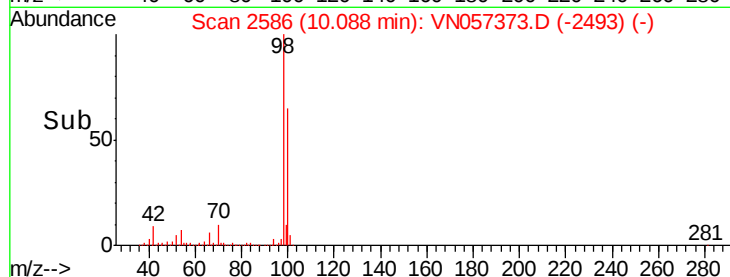
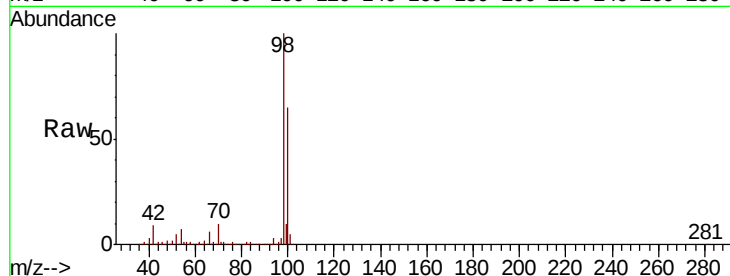
TP-4

Tgt Ion: 98 Resp: 1813235

Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.606 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057373.D

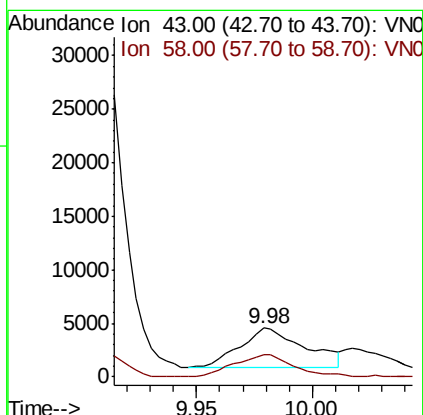
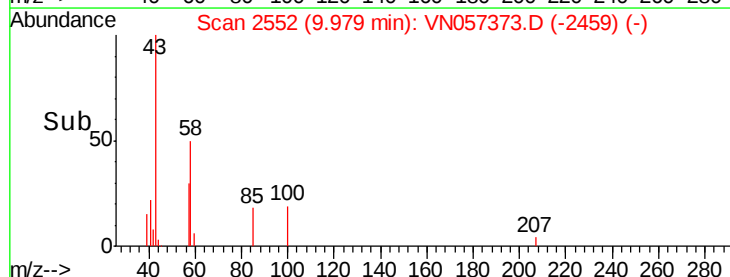
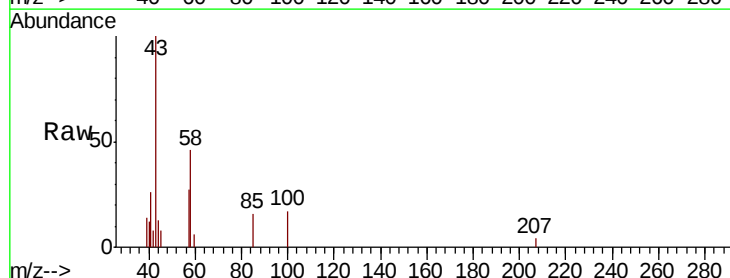
Acq: 16 Aug 2019 23:14

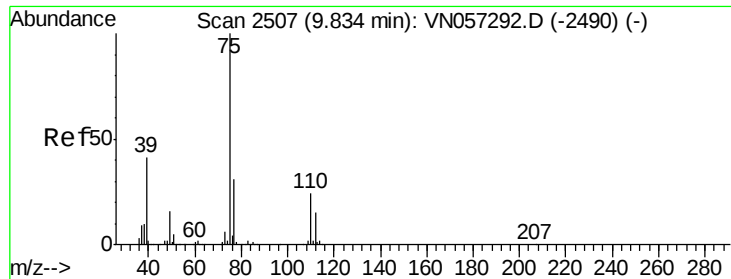
Tgt Ion: 43 Resp: 7166

Ion Ratio Lower Upper

43 100

58 51.2 33.2 49.8#



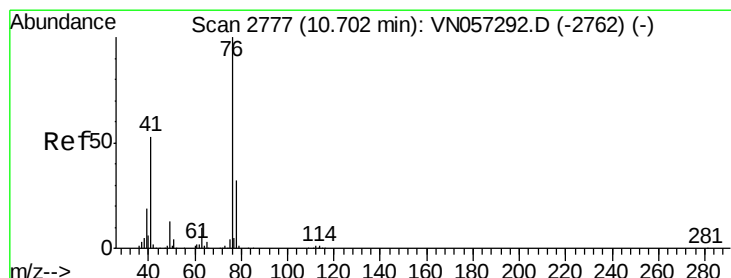
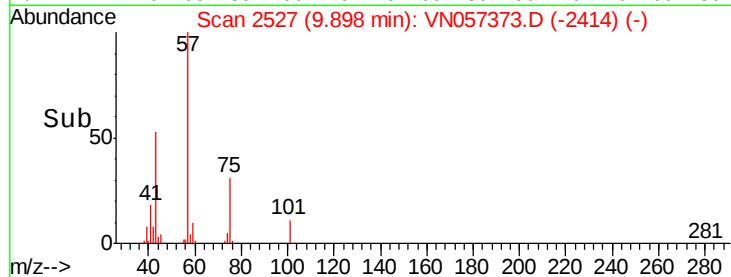
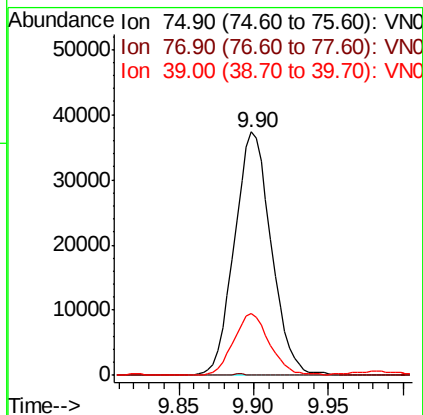
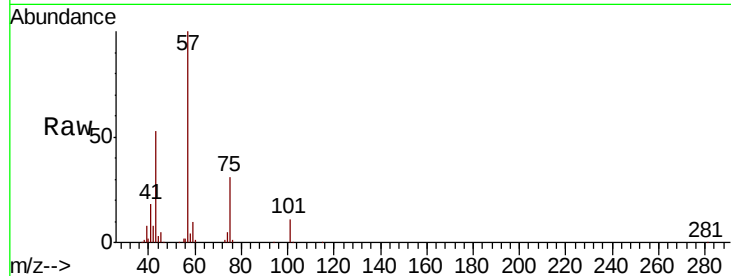


#54

cis-1,3-Dichloropropene
 Concen: 3.674 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057373.D
 Acq: 16 Aug 2019 23:14

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

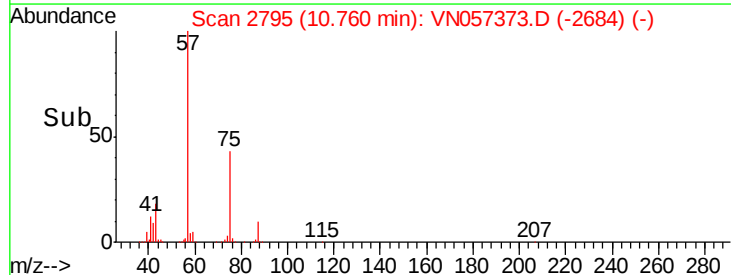
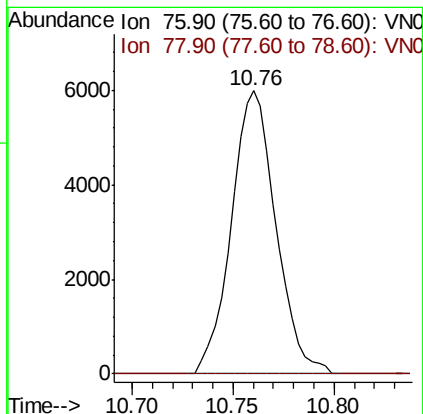
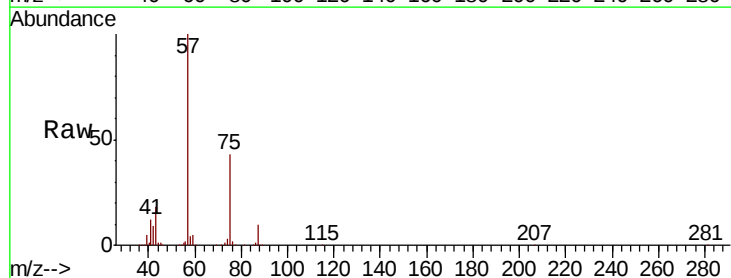
Tgt Ion: 75 Resp: 63910
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.9 37.3#
 39 25.3 32.7 49.1#

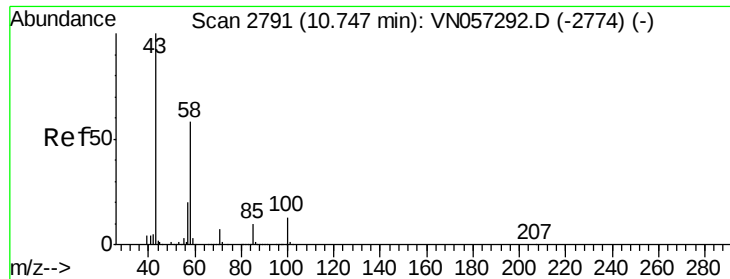


#57

1,3-Dichloropropane
 Concen: 0.529 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.06 min
 Lab File: VN057373.D
 Acq: 16 Aug 2019 23:14

Tgt Ion: 76 Resp: 9252
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#

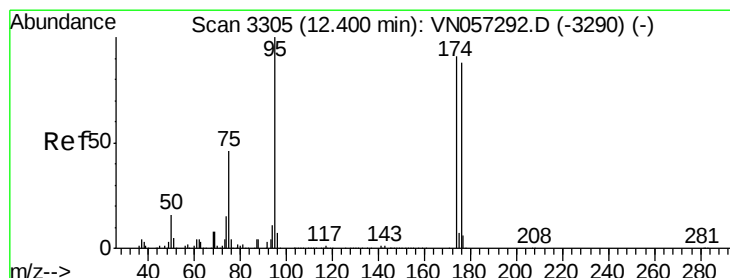
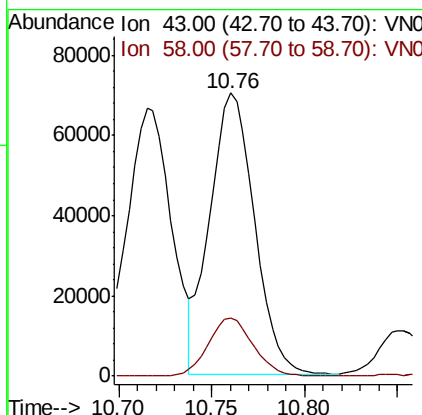
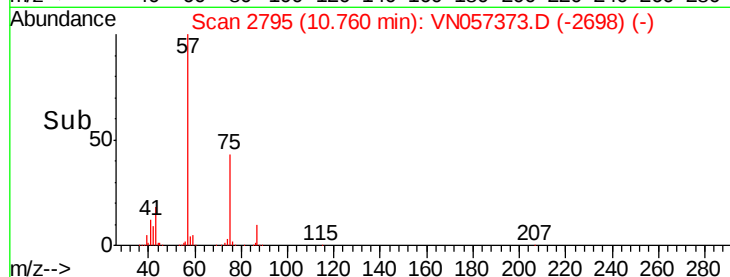
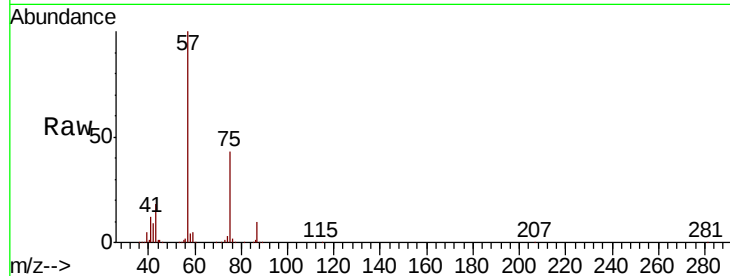




#59
2-Hexanone
Concen: 13.869 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057373.D
Acq: 16 Aug 2019 23:14

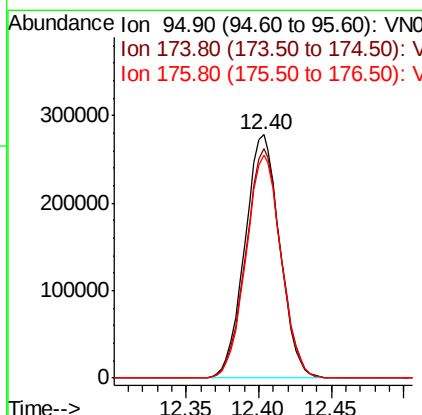
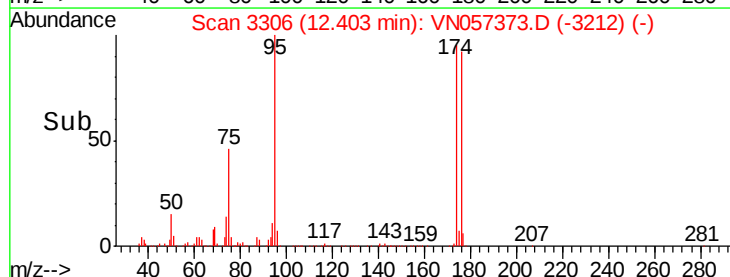
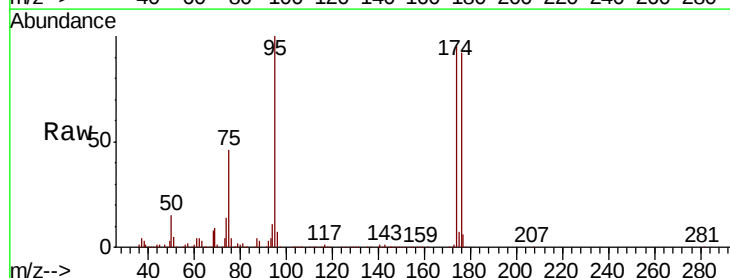
Instrument :
MSVOA_N
ClientSampled :
TP-4

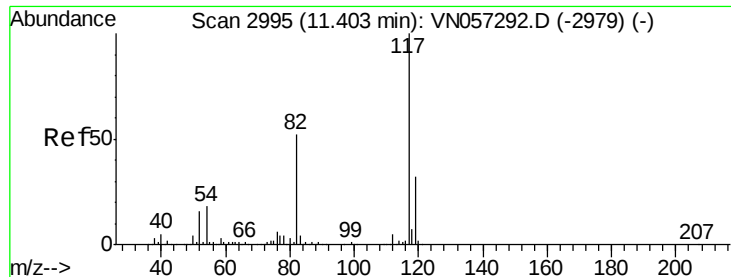
Tgt Ion: 43 Resp: 117915
Ion Ratio Lower Upper
43 100
58 20.7 28.6 85.9#



#62
4-Bromofluorobenzene
Concen: 34.823 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057373.D
Acq: 16 Aug 2019 23:14

Tgt Ion: 95 Resp: 467703
Ion Ratio Lower Upper
95 100
174 94.7 0.0 185.0
176 91.8 0.0 181.0

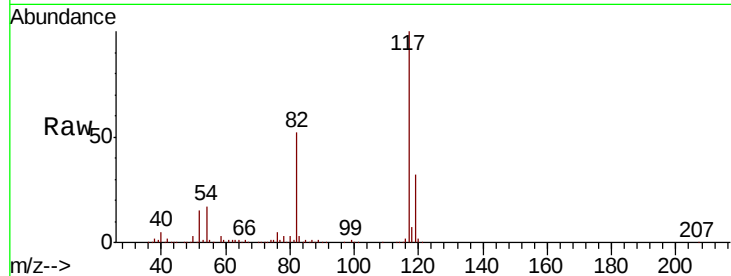




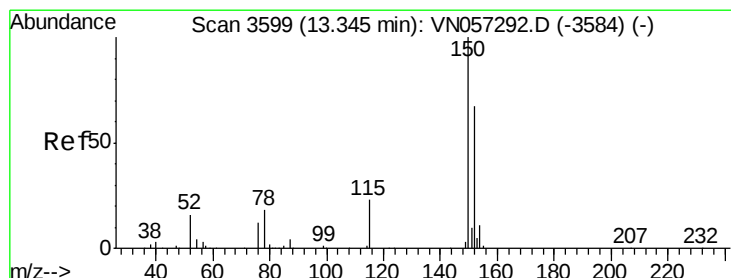
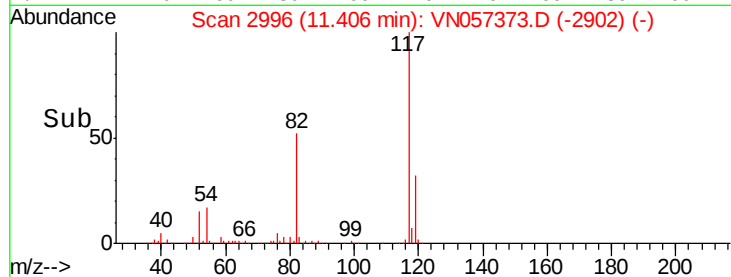
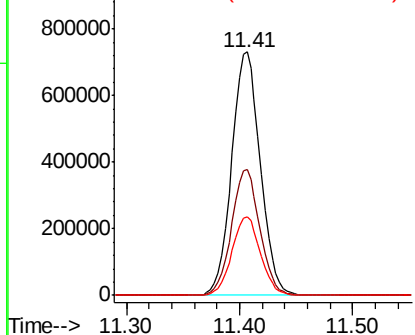
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057373.D
Acq: 16 Aug 2019 23:14

Instrument :
MSVOA_N
ClientSampled :
TP-4

Tgt Ion:117 Resp: 1283214
Ion Ratio Lower Upper
117 100
82 51.5 41.2 61.8
119 32.3 25.8 38.8

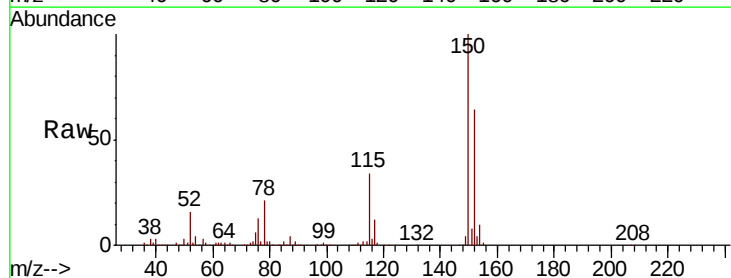


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

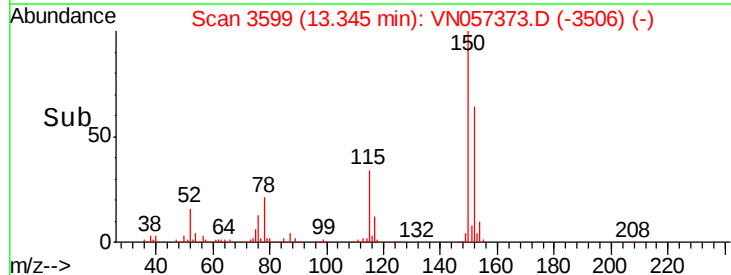
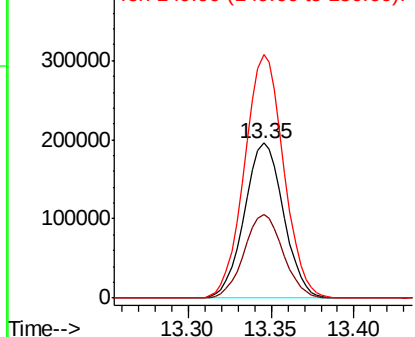


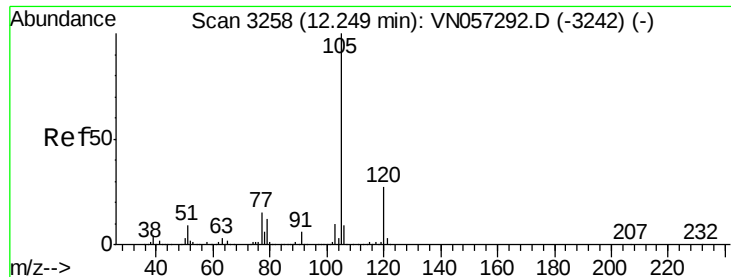
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057373.D
Acq: 16 Aug 2019 23:14

Tgt Ion:152 Resp: 321743
Ion Ratio Lower Upper
152 100
115 53.9 27.3 81.9
150 156.4 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: VN057373.D

Acq: 16 Aug 2019 23:14

Instrument :

MSVOA_N

ClientSampled :

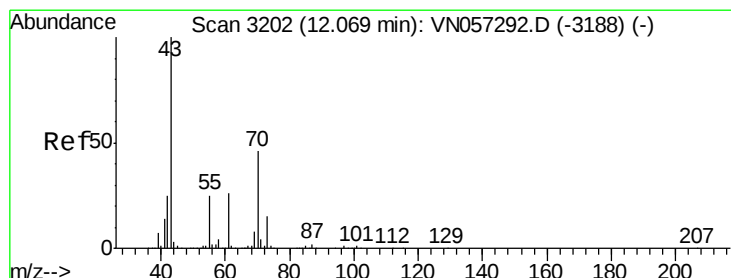
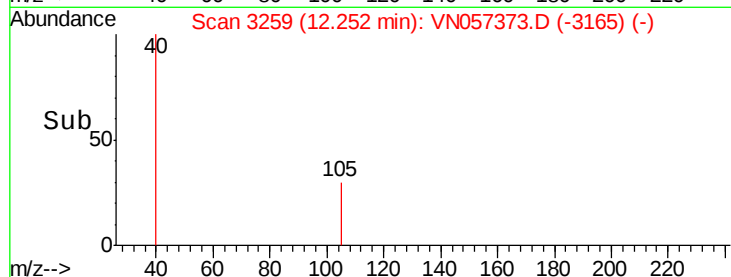
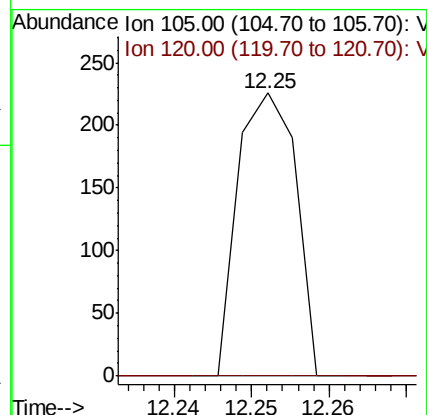
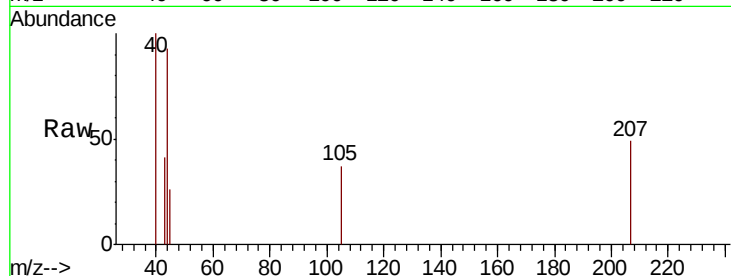
TP-4

Tgt Ion: 105 Resp: 118

Ion Ratio Lower Upper

105 100

120 0.0 13.2 39.6#



#74

N-ethyl acetate

Concen: 0.418 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN057373.D

Acq: 16 Aug 2019 23:14

Tgt Ion: 43 Resp: 3898

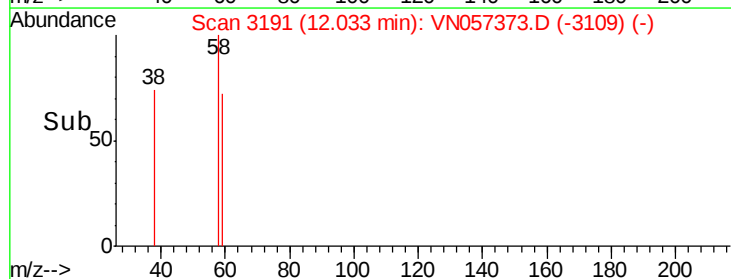
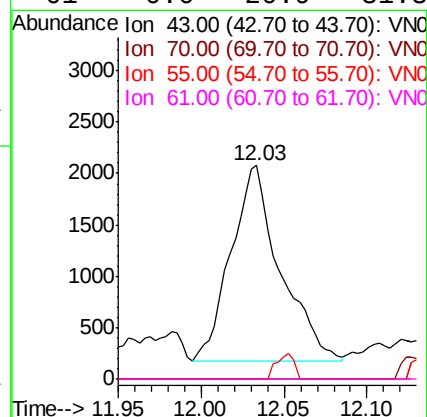
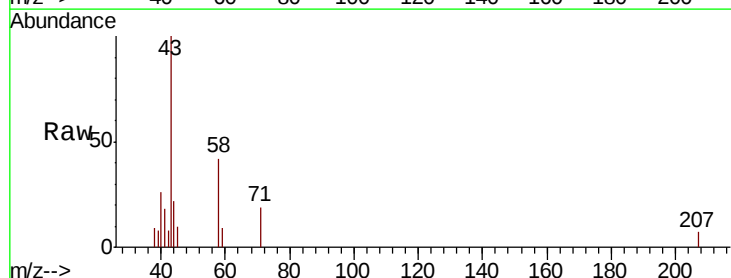
Ion Ratio Lower Upper

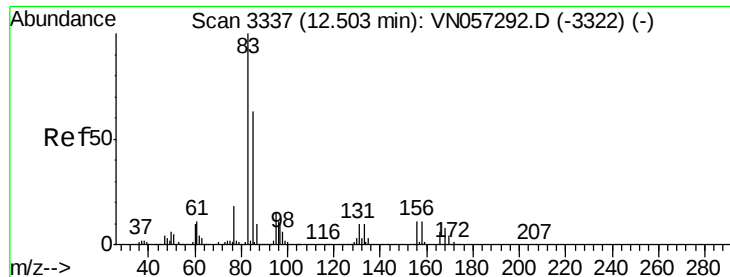
43 100

70 0.0 36.2 54.2#

55 4.7 20.1 30.1#

61 0.0 20.9 31.3#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3306

Delta R.T. -0.10 min

Lab File: VN057373.D

Acq: 16 Aug 2019 23:14

Instrument :

MSVOA_N

ClientSampleId :

TP-4

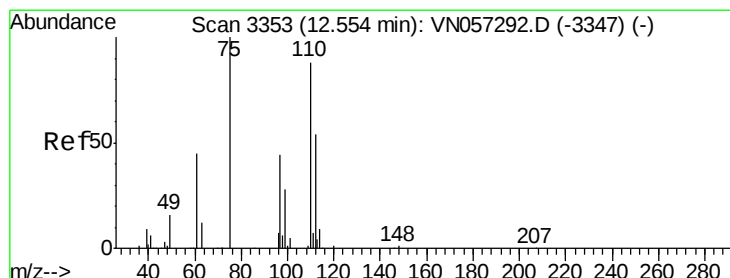
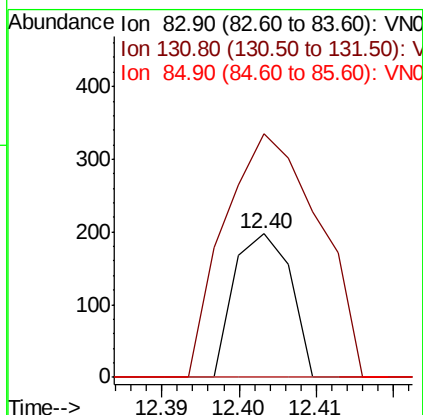
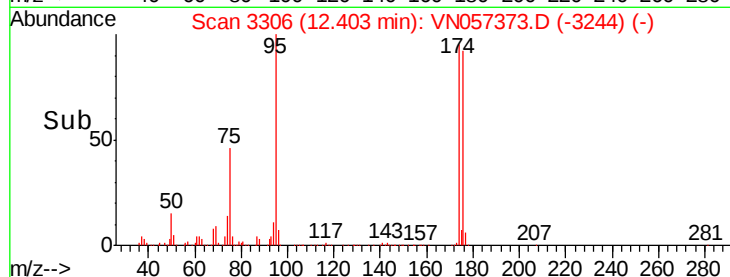
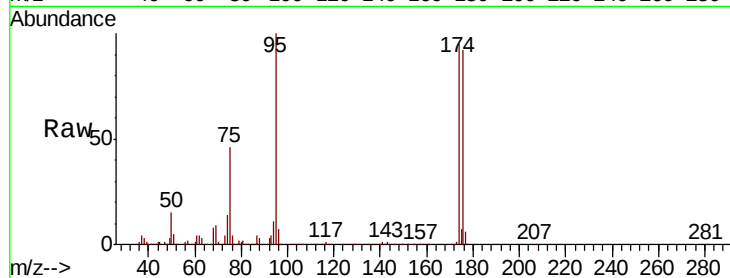
Tgt Ion: 83 Resp: 100

Ion Ratio Lower Upper

83 100

131 285.0 5.4 16.2#

85 0.0 32.3 96.9#



#76

1,2,3-Trichloropropane

Concen: 33.392 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057373.D

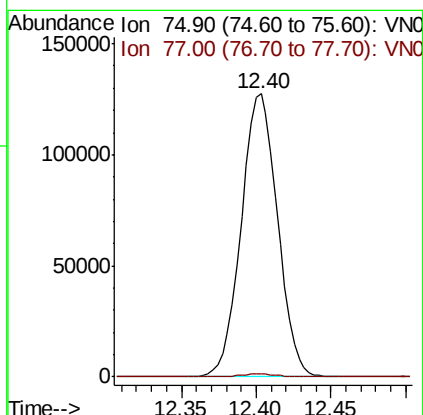
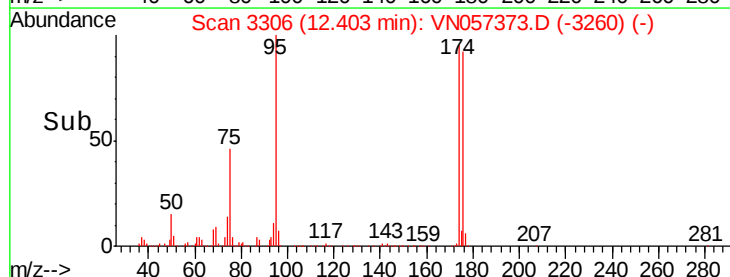
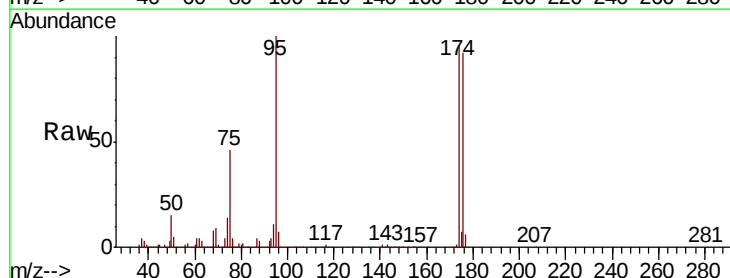
Acq: 16 Aug 2019 23:14

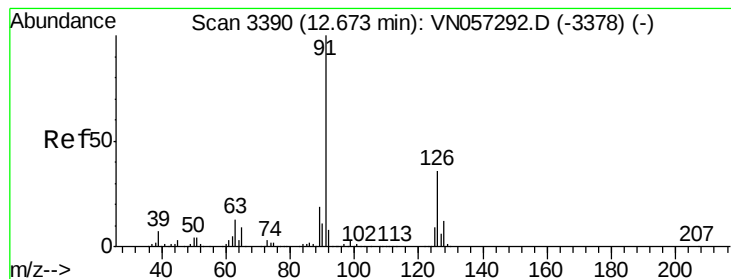
Tgt Ion: 75 Resp: 215473

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.77 min Scan# 3421

Delta R.T. 0.10 min

Lab File: VN057373.D

Acq: 16 Aug 2019 23:14

Instrument :

MSVOA_N

ClientSampled :

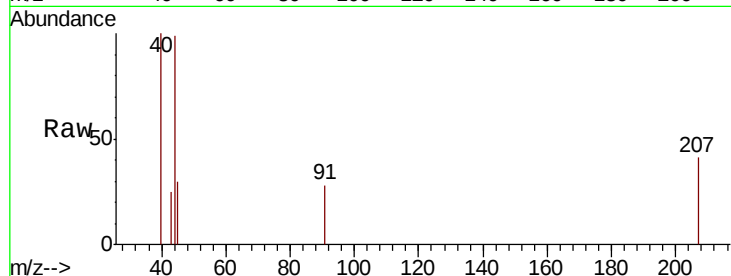
TP-4

Tgt Ion: 91 Resp: 144

Ion Ratio Lower Upper

91 100

126 47.2 18.1 54.1



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

Ion 125.90 (125.60 to 126.60): VN057292.D (-3378) (-)

12.77

12.78

12.79

12.80

12.81

12.82

12.83

12.84

12.85

12.86

12.87

12.88

12.89

12.90

12.91

12.92

12.93

12.94

12.95

12.96

12.97

12.98

12.99

13.00

13.01

13.02

13.03

13.04

13.05

13.06

13.07

13.08

13.09

13.10

13.11

13.12

13.13

13.14

13.15

13.16

13.17

13.18

13.19

13.20

13.21

13.22

13.23

13.24

13.25

13.26

13.27

13.28

13.29

13.30

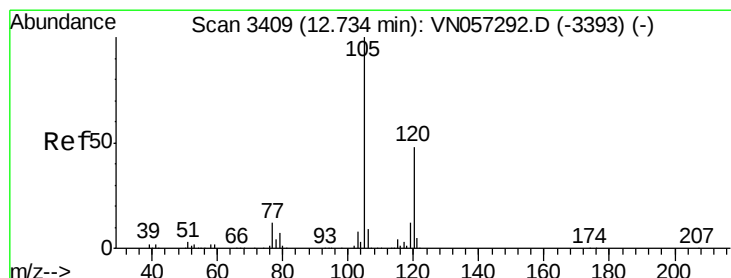
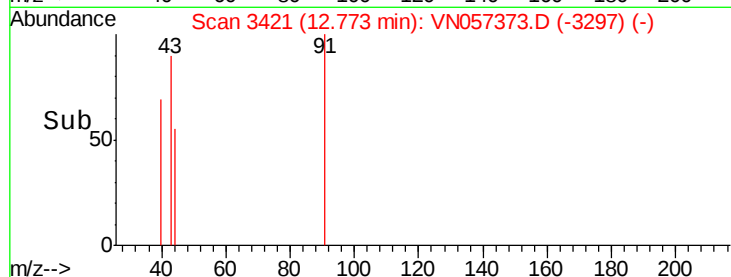
13.31

13.32

13.33

13.34

13.35



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN057373.D

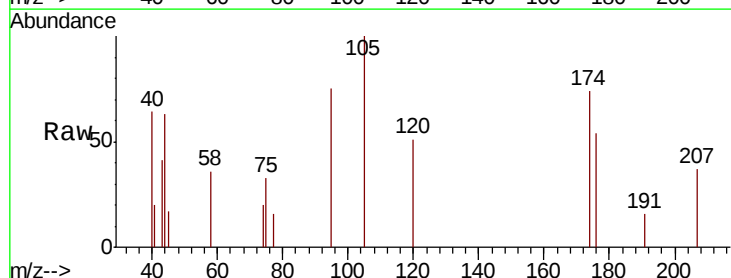
Acq: 16 Aug 2019 23:14

Tgt Ion: 105 Resp: 1569

Ion Ratio Lower Upper

105 100

120 44.8 24.3 73.0



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

Ion 120.00 (119.70 to 120.70): VN057292.D (-3393) (-)

12.73

12.74

12.75

12.76

12.77

12.78

12.79

12.80

12.81

12.82

12.83

12.84

12.85

12.86

12.87

12.88

12.89

12.90

12.91

12.92

12.93

12.94

12.95

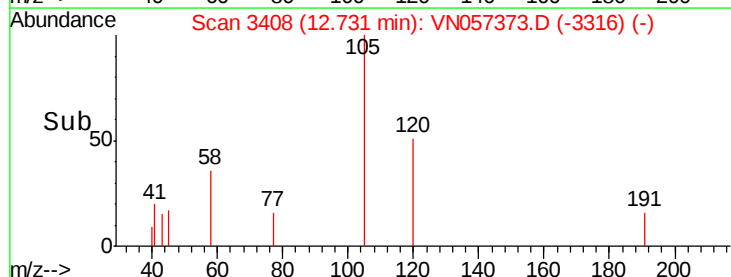
12.96

12.97

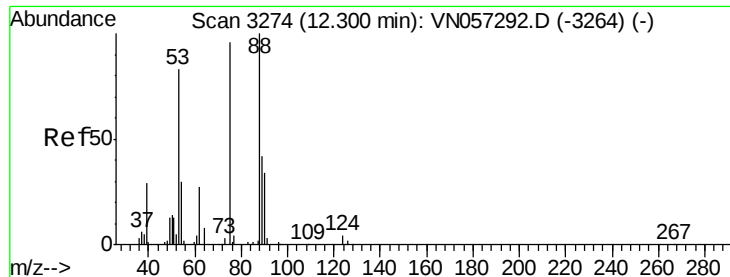
12.98

12.99

13.00



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 81.663 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057373.D

Acq: 16 Aug 2019 23:14

Instrument :

MSVOA_N

ClientSampled :

TP-4

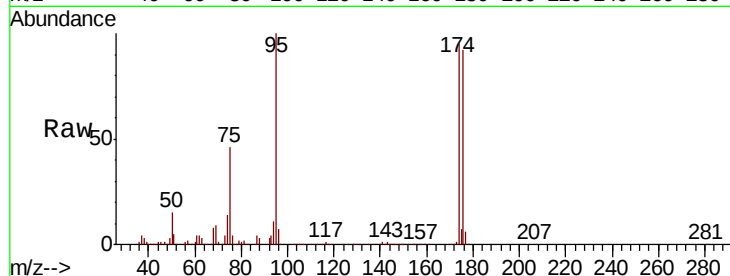
Tgt Ion: 75 Resp: 215473

Ion Ratio Lower Upper

75 100

53 0.0 67.9 101.9#

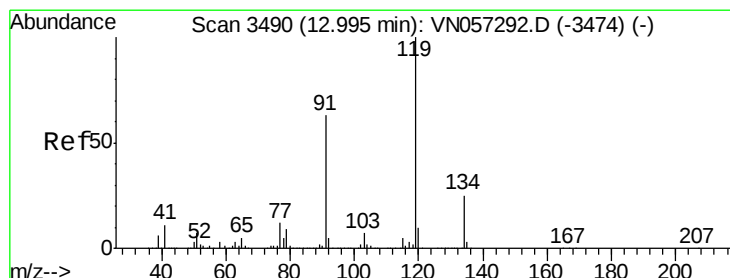
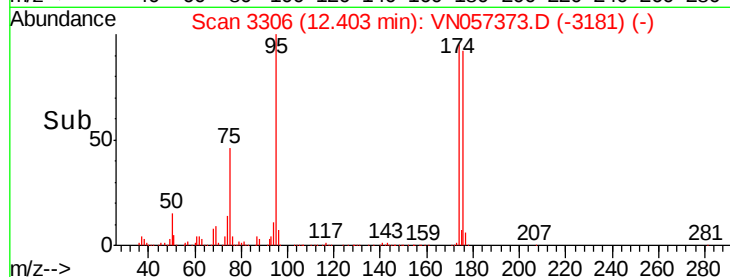
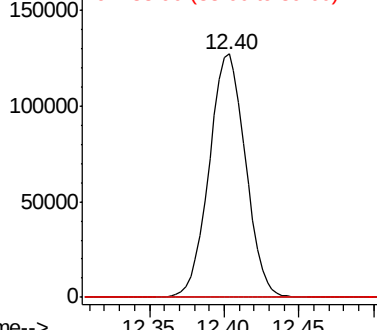
89 0.0 36.2 54.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.00 min Scan# 3491

Delta R.T. 0.00 min

Lab File: VN057373.D

Acq: 16 Aug 2019 23:14

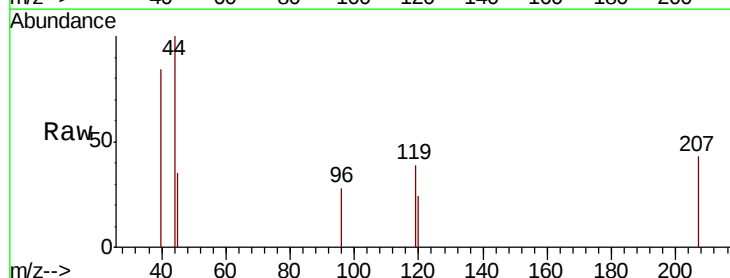
Tgt Ion: 119 Resp: 128

Ion Ratio Lower Upper

119 100

91 53.9 31.3 93.8

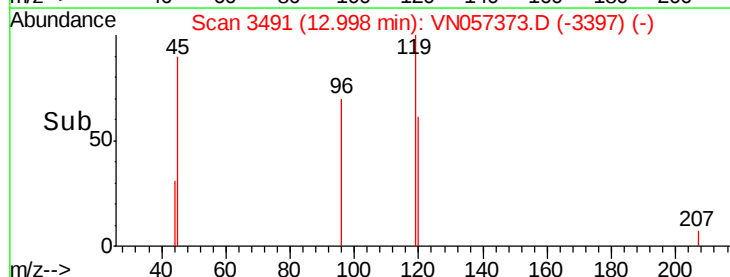
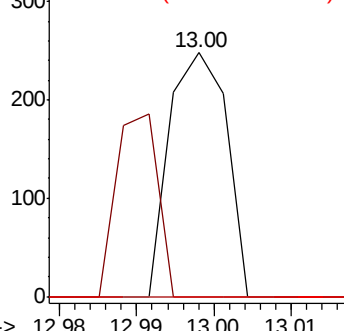
134 0.0 13.1 39.1#

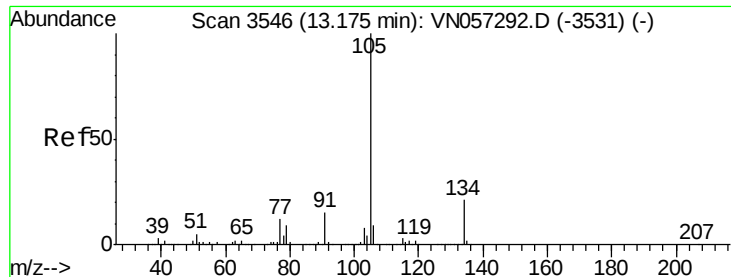


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V

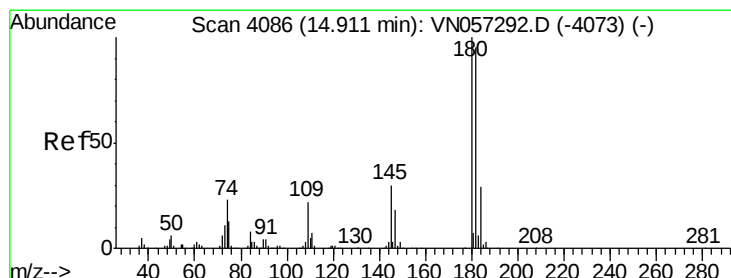
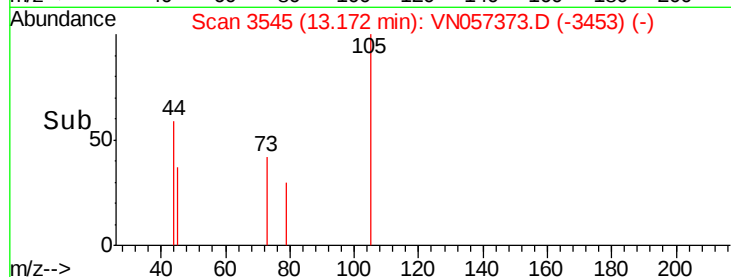
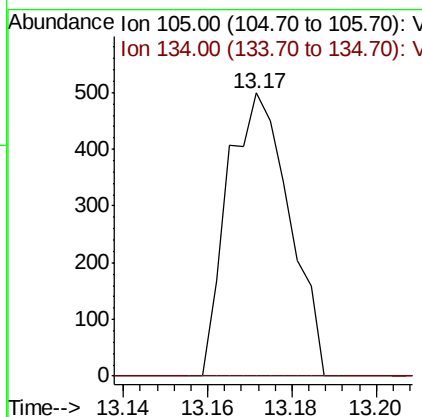
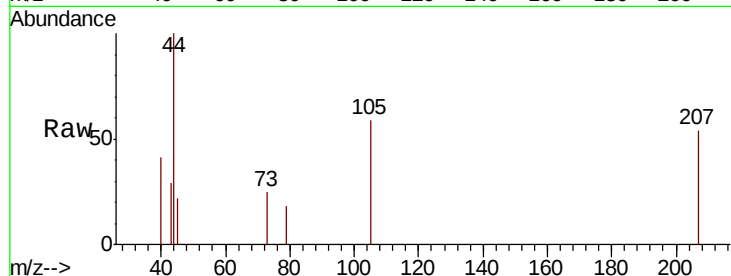




#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN057373.D
 Acq: 16 Aug 2019 23:14

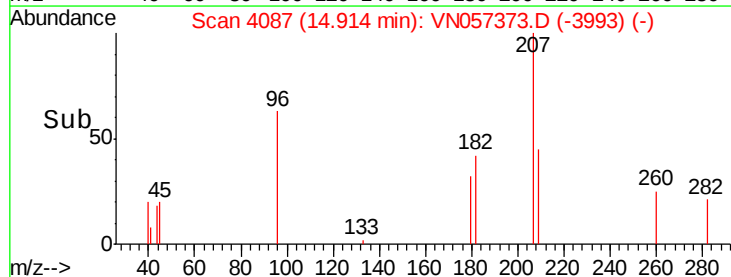
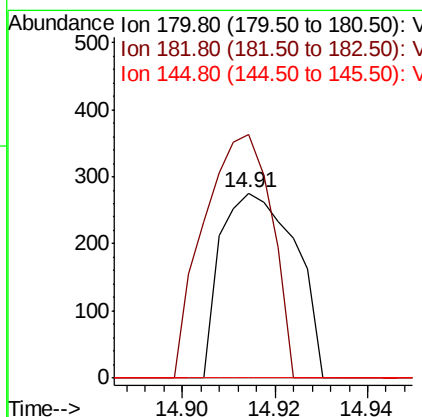
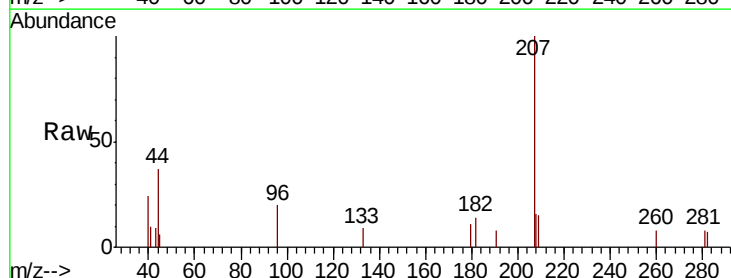
Instrument :
 MSVOA_N
 ClientSampled :
 TP-4

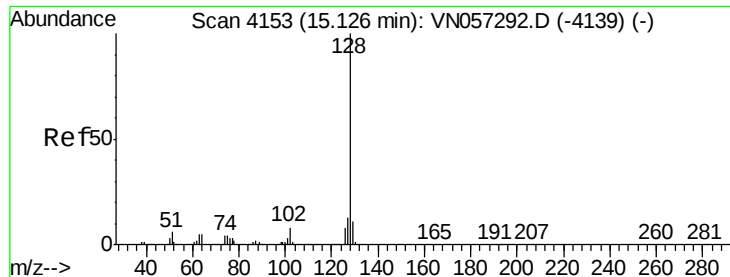
Tgt Ion:105 Resp: 509
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#



#93
 1,2,4-Trichlorobenzene
 Concen: 5.422 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057373.D
 Acq: 16 Aug 2019 23:14

Tgt Ion:180 Resp: 310
 Ion Ratio Lower Upper
 180 100
 182 118.7 48.0 144.2
 145 0.0 14.5 43.6#

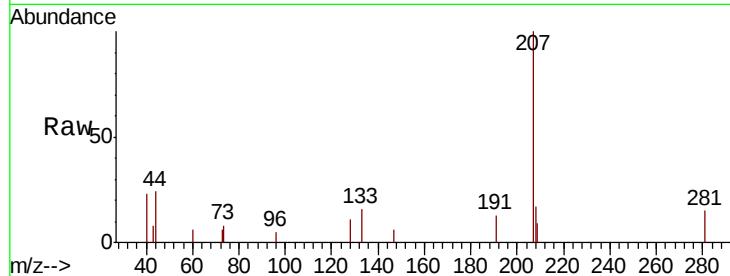




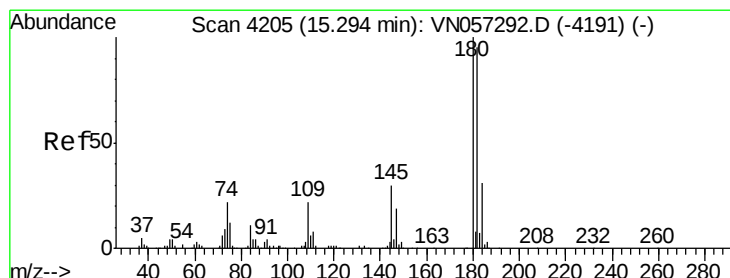
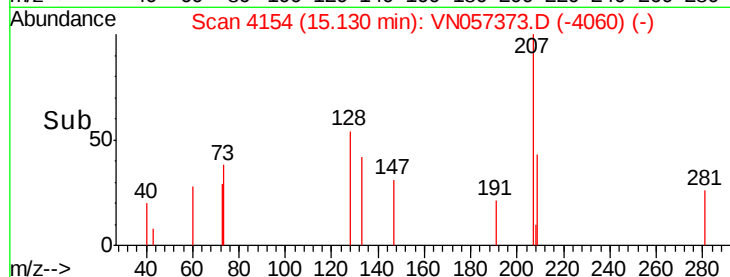
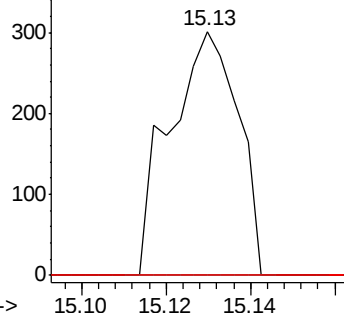
#95
Naphthalene
Concen: Below Cal
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN057373.D
Acq: 16 Aug 2019 23:14

Instrument :
MSVOA_N
ClientSampled :
TP-4

Tgt Ion:128 Resp: 340
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.8 13.2#

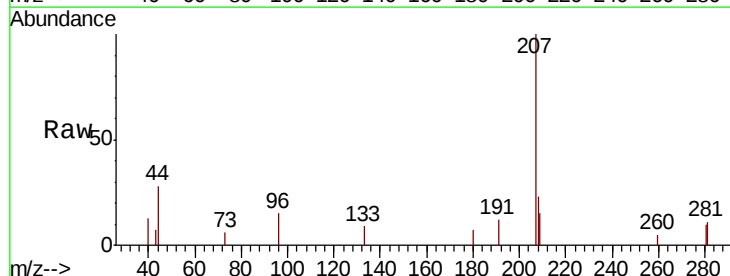


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: Below Cal
RT: 15.31 min Scan# 4210
Delta R.T. 0.02 min
Lab File: VN057373.D
Acq: 16 Aug 2019 23:14

Tgt Ion:180 Resp: 247
Ion Ratio Lower Upper
180 100
182 25.1 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

