

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081819\
 Data File : VN057376.D
 Acq On : 17 Aug 2019 00:27
 Operator : JC/SP
 Sample : K4356-14
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7

Quant Time: Aug 17 03:49:03 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	1094105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1520782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1287272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	346991	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	510894	42.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.90%	
35) Dibromofluoromethane	7.58	113	459341	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	
50) Toluene-d8	10.09	98	1770125	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
62) 4-Bromofluorobenzene	12.40	95	475731	36.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	2274	0.368	ug/l	83
11) Tert butyl alcohol	4.74	59	4846	2.866	ug/l #	73
16) Acetone	3.81	43	63333	15.350	ug/l	100
17) Carbon Disulfide	4.05	76	5483	0.212	ug/l	96
18) Methyl Acetate	4.31	43	34556	0.751	ug/l	98
20) Methylene Chloride	4.55	84	23027	1.995	ug/l	91
25) 2-Butanone	6.83	43	28165	4.714	ug/l #	87
31) Cyclohexane	7.66	56	15945	0.984	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	65308	4.864	ug/l #	47
37) Ethyl Acetate	6.83	43	28165	2.561	ug/l #	67
38) Carbon Tetrachloride	7.66	117	90731	6.503	ug/l #	16
43) Isopropyl Acetate	8.16	43	196738	8.854	ug/l #	81
45) 1,2-Dichloropropane	9.27	63	3010	0.284	ug/l #	44
48) Methyl methacrylate	9.18	41	7860	0.868	ug/l #	11
49) 1,4-Dioxane	9.26	88	398	2.090	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	9031	0.796	ug/l	100
54) cis-1,3-Dichloropropene	9.90	75	65331	3.914	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	9598	0.572	ug/l #	43
59) 2-Hexanone	10.76	43	127749	15.662	ug/l #	50
71) Bromoform	12.40	173	2991	0.377	ug/l #	1
73) Isopropylbenzene	12.25	105	151	Below Cal	#	49
74) N-amyl acetate	12.03	43	3437	0.341	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.40	83	31	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	219475	31.430	ug/l #	100
79) 2-Chlorotoluene	12.39	91	537	Below Cal		71
80) 1,3,5-Trimethylbenzene	12.73	105	1739	Below Cal		83
81) trans-1,4-Dichloro-2-buten	12.40	75	219475	77.127	ug/l #	15
83) tert-Butylbenzene	12.99	119	63	Below Cal	#	28
85) sec-Butylbenzene	13.18	105	240	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.91	180	341	5.423	ug/l #	84
95) Naphthalene	15.13	128	359	Below Cal	#	69
96) 1,2,3-Trichlorobenzene	15.29	180	231	Below Cal	#	65

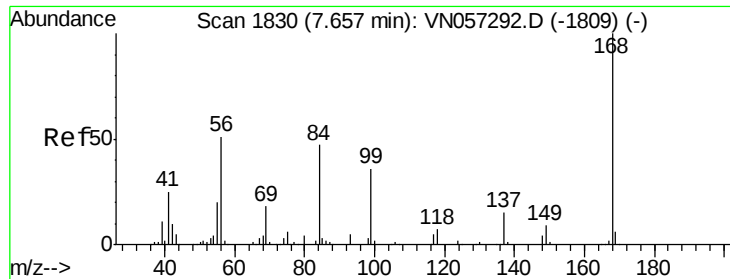
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081819\
Data File : VN057376.D
Acq On : 17 Aug 2019 00:27
Operator : JC/SP
Sample : K4356-14
Misc : 5.00mL/MSVOA_N/WATER
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Instrument :
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Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057376.D

Acq: 17 Aug 2019 00:27

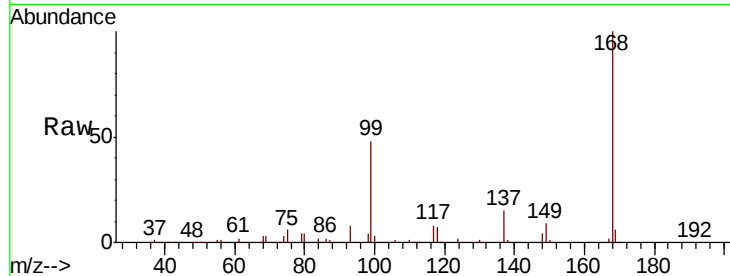
Instrument :
MSVOA_N
ClientSampled :
TP-7

Tgt Ion:168 Resp: 1094105

Ion Ratio Lower Upper

168 100

99 47.5 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

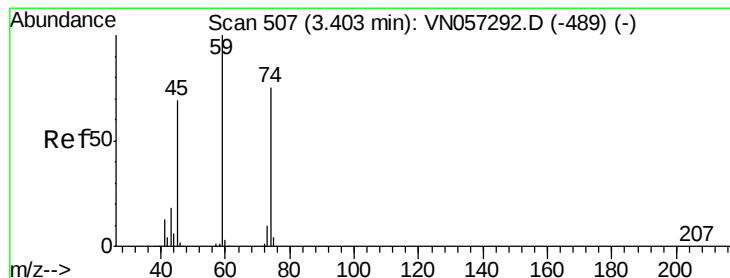
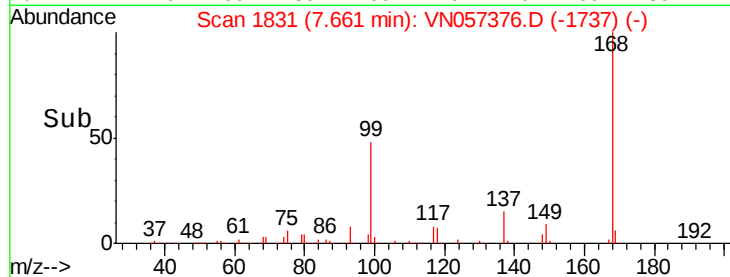
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#8

Diethyl Ether

Concen: 0.368 ug/l

RT: 3.41 min Scan# 509

Delta R.T. 0.01 min

Lab File: VN057376.D

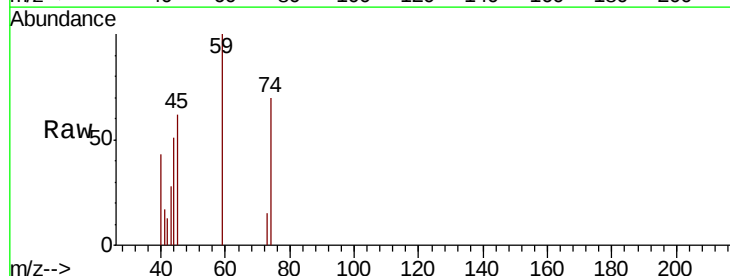
Acq: 17 Aug 2019 00:27

Tgt Ion: 74 Resp: 2274

Ion Ratio Lower Upper

74 100

45 107.9 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

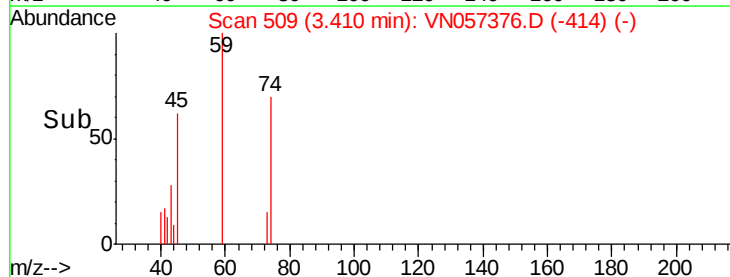
3.41

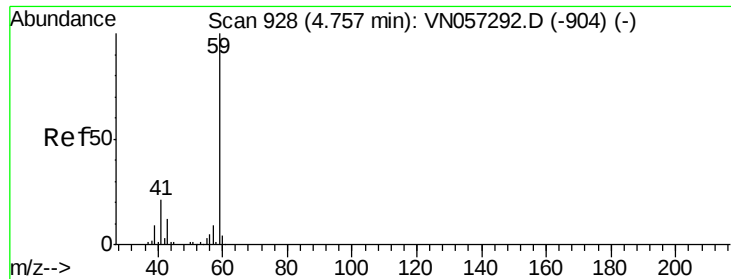
1000

500

0

Time--> 3.35 3.40 3.45

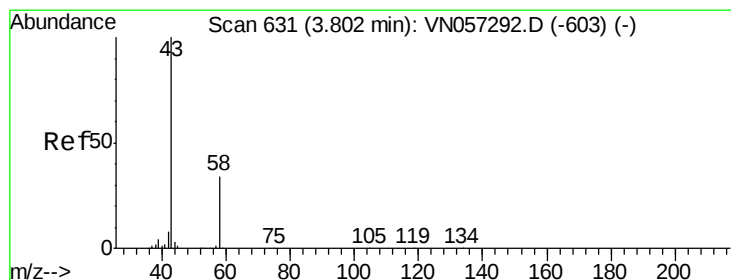
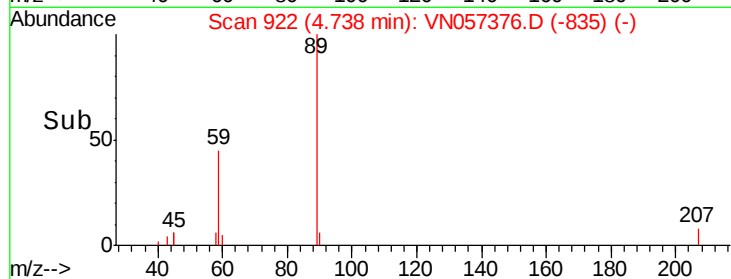
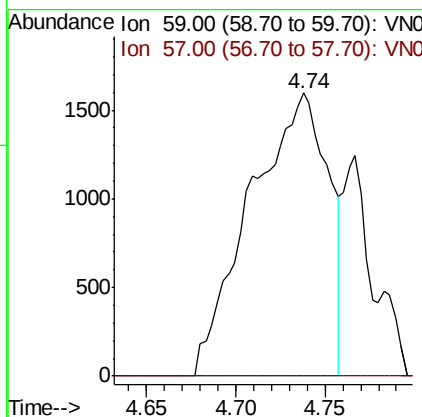
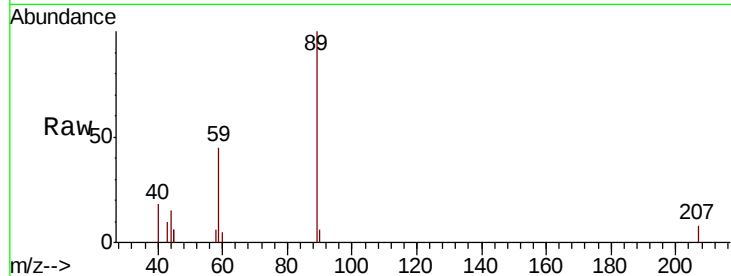




#11
Tert butyl alcohol
Concen: 2.866 ug/l
RT: 4.74 min Scan# 922
Delta R.T. -0.02 min
Lab File: VN057376.D
Acq: 17 Aug 2019 00:27

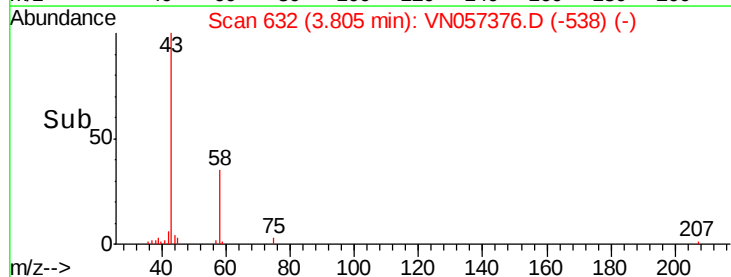
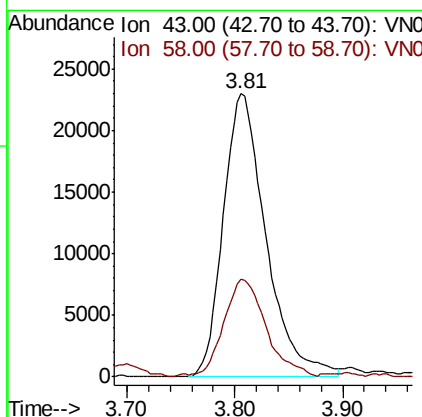
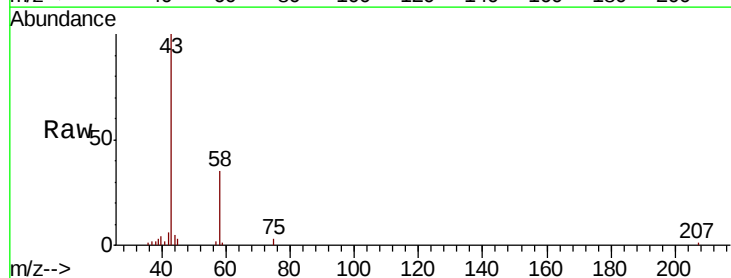
Instrument :
MSVOA_N
ClientSampled :
TP-7

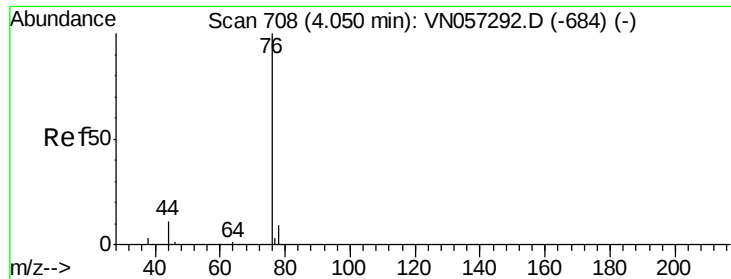
Tgt Ion: 59 Resp: 4846
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 15.350 ug/l
RT: 3.81 min Scan# 632
Delta R.T. 0.00 min
Lab File: VN057376.D
Acq: 17 Aug 2019 00:27

Tgt Ion: 43 Resp: 63333
Ion Ratio Lower Upper
43 100
58 33.8 27.0 40.6





#17

Carbon Disulfide

Concen: 0.212 ug/l

RT: 4.05 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN057376.D

Acq: 17 Aug 2019 00:27

Instrument :

MSVOA_N

ClientSampled :

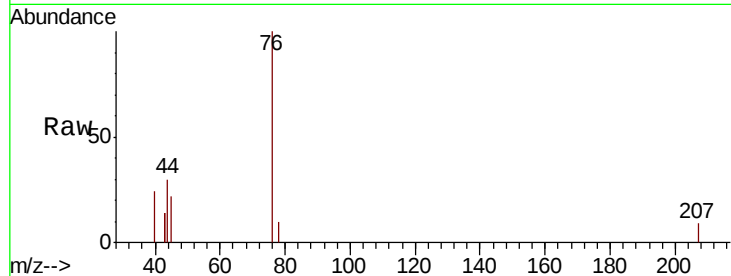
TP-7

Tgt Ion: 76 Resp: 5483

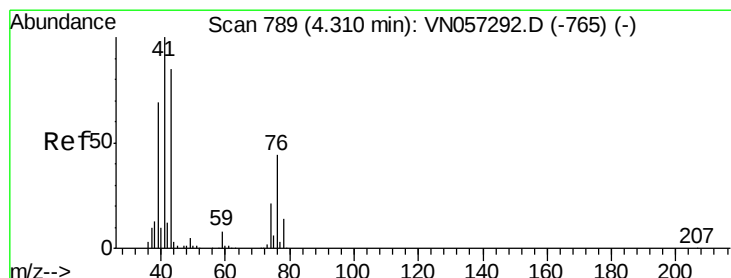
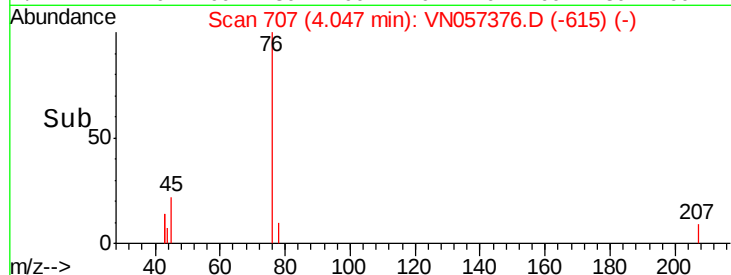
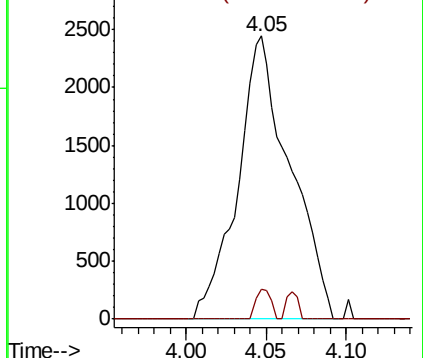
Ion Ratio Lower Upper

76 100

78 10.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN057376.D (-615) (-)



#18

Methyl Acetate

Concen: 0.751 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN057376.D

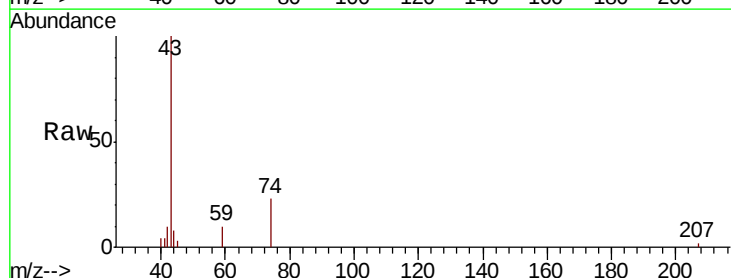
Acq: 17 Aug 2019 00:27

Tgt Ion: 43 Resp: 34556

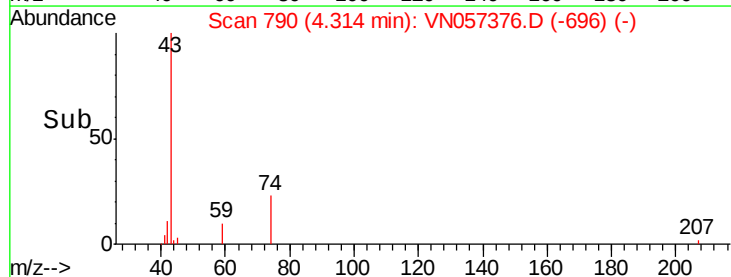
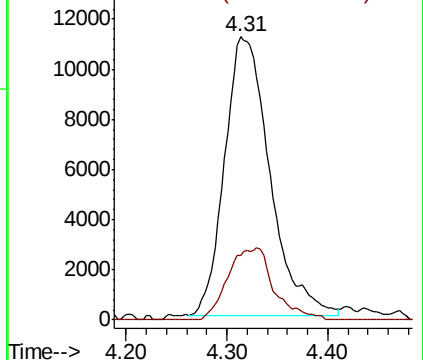
Ion Ratio Lower Upper

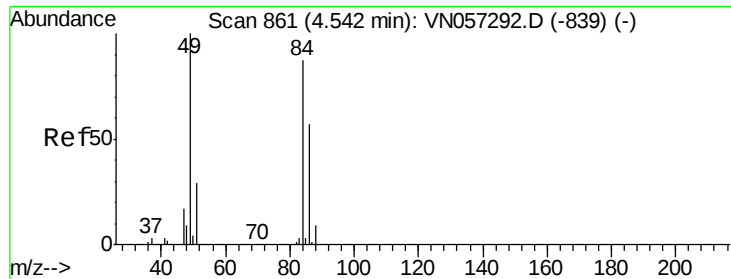
43 100

74 26.3 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN057376.D (-696) (-)

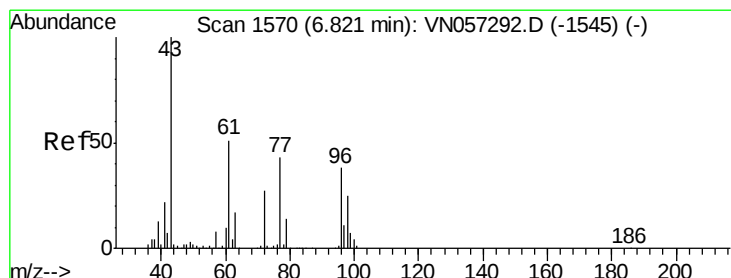
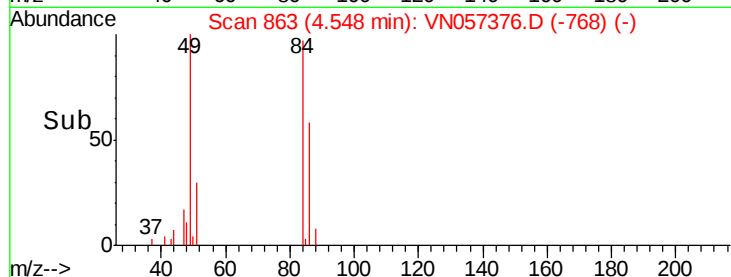
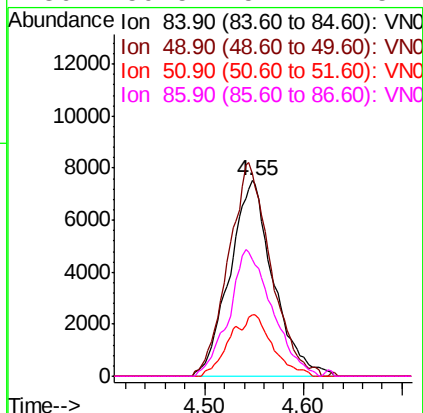
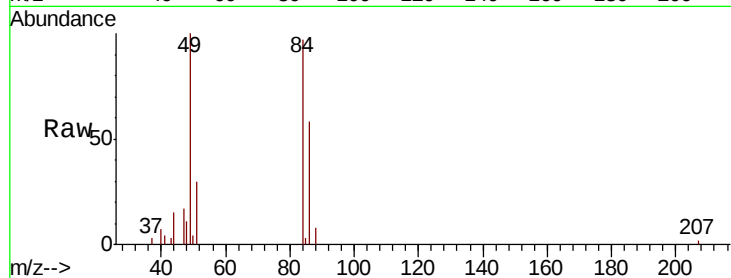




#20
Methylene Chloride
Concen: 1.995 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN057376.D
Acq: 17 Aug 2019 00:27

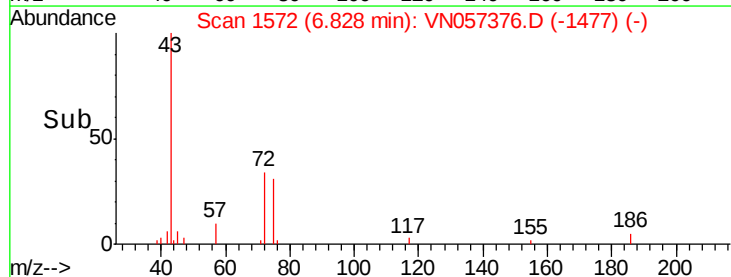
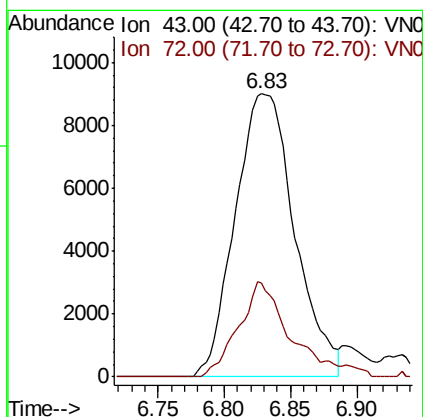
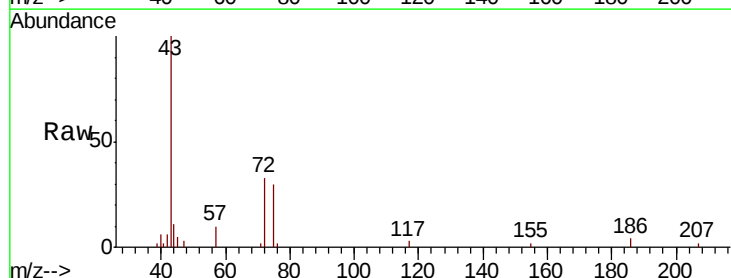
Instrument :
MSVOA_N
ClientSampled :
TP-7

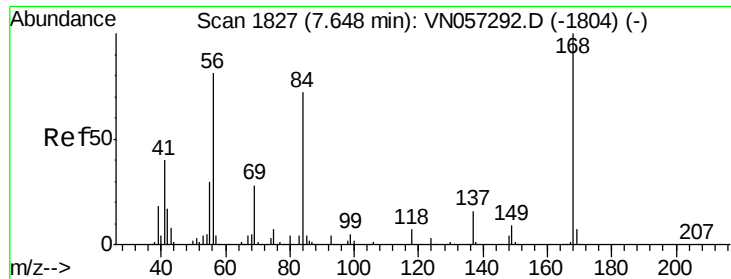
Tgt Ion:	84	Resp:	23027
Ion	Ratio	Lower	Upper
84	100		
49	103.5	92.0	138.0
51	31.5	27.1	40.7
86	59.5	52.2	78.2



#25
2-Butanone
Concen: 4.714 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN057376.D
Acq: 17 Aug 2019 00:27

Tgt Ion:	43	Resp:	28165
Ion	Ratio	Lower	Upper
43	100		
72	33.4	21.5	32.3#

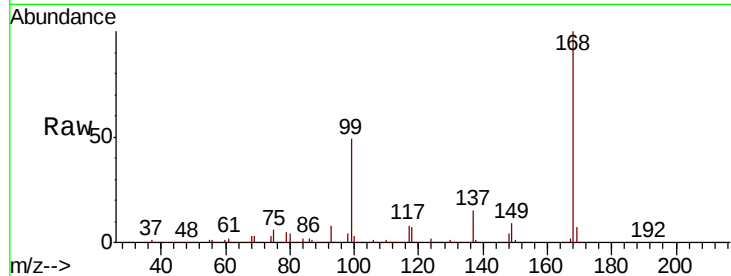




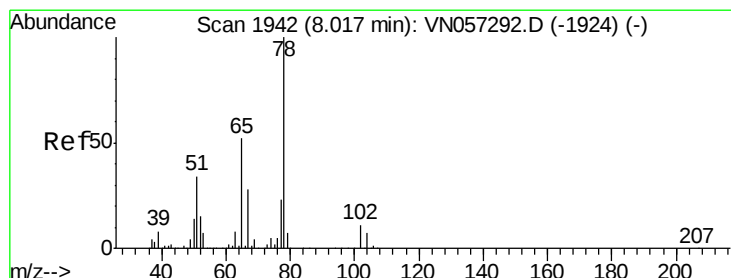
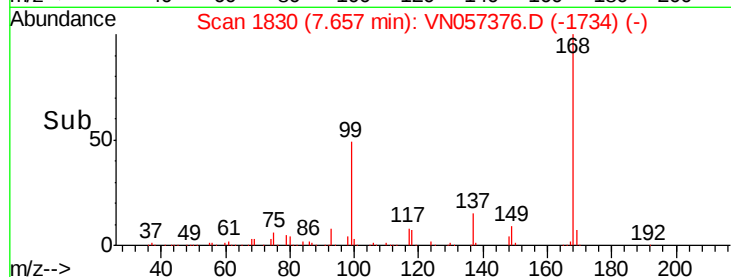
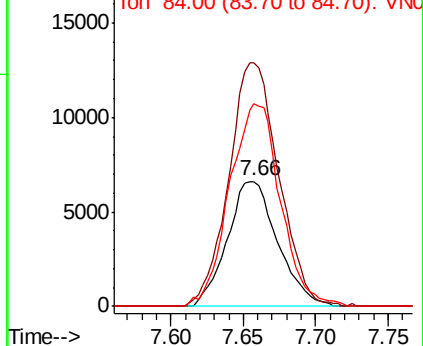
#31
Cyclohexane
Concen: 0.984 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN057376.D
Acq: 17 Aug 2019 00:27

Instrument :
MSVOA_N
ClientSampled :
TP-7

Tgt Ion: 56 Resp: 15945
Ion Ratio Lower Upper
56 100
69 192.6 27.3 40.9#
84 159.6 71.0 106.6#

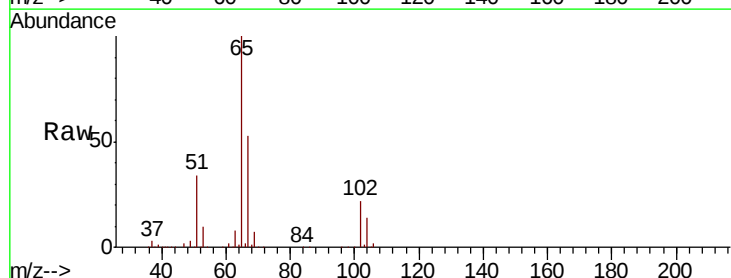


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

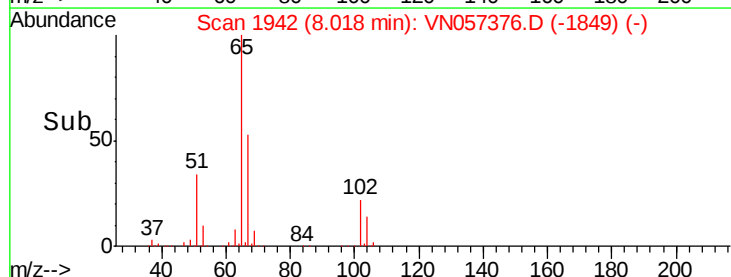
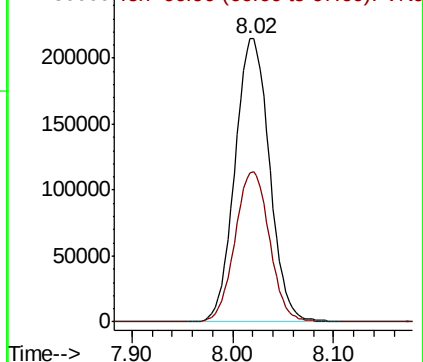


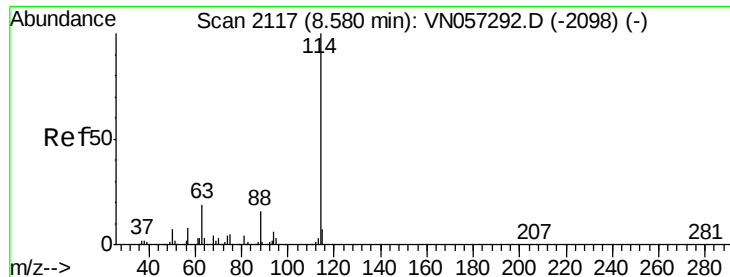
#33
1,2-Dichloroethane-d4
Concen: 42.954 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN057376.D
Acq: 17 Aug 2019 00:27

Tgt Ion: 65 Resp: 510894
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

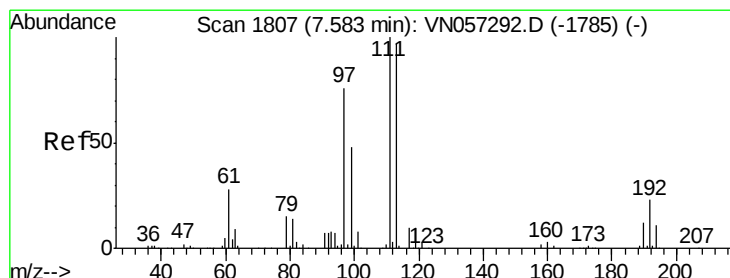
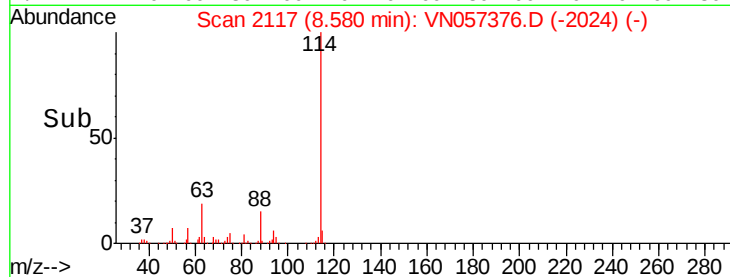
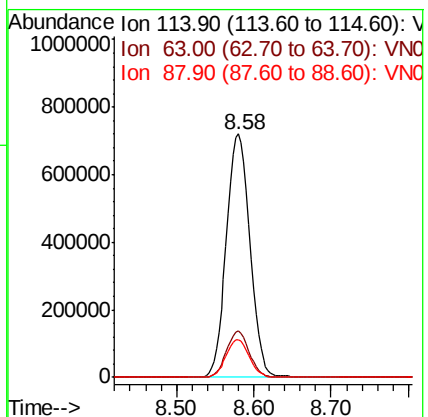
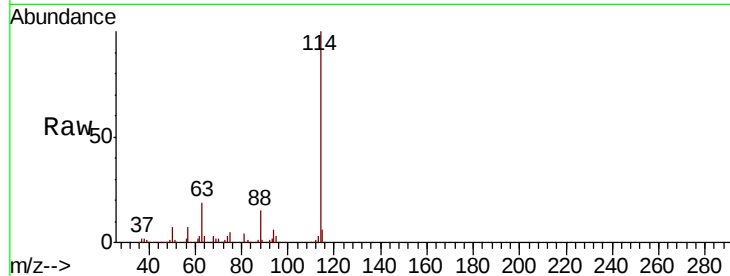




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057376.D
 Acq: 17 Aug 2019 00:27

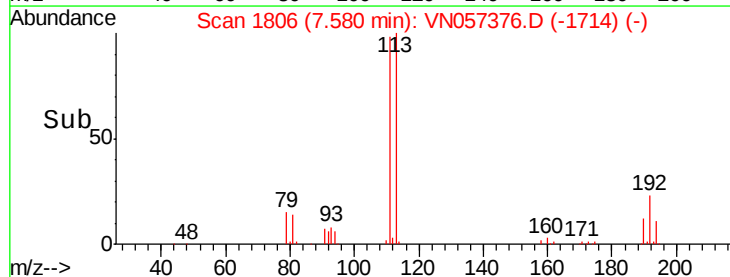
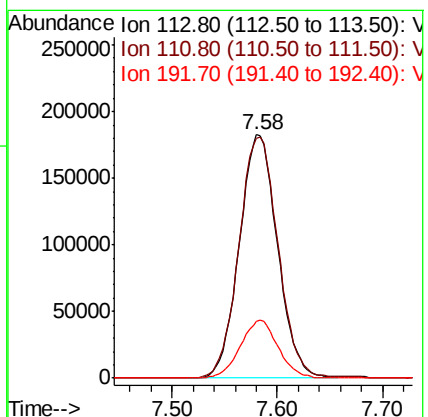
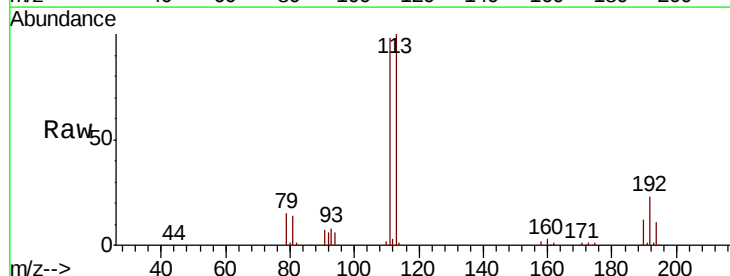
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7

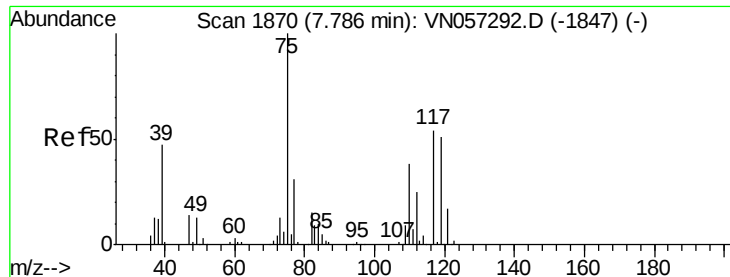
Tgt Ion:114 Resp: 1520782
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.8
 88 15.4 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 46.077 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057376.D
 Acq: 17 Aug 2019 00:27

Tgt Ion:113 Resp: 459341
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.1 123.1
 192 23.5 19.3 28.9

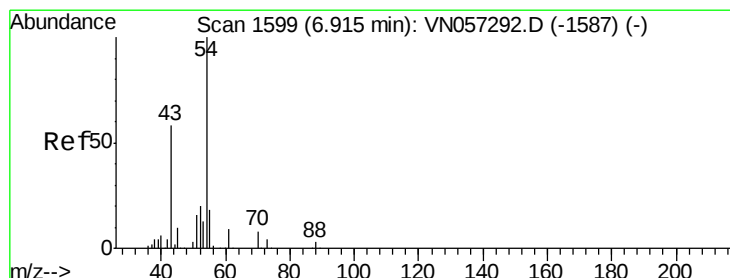
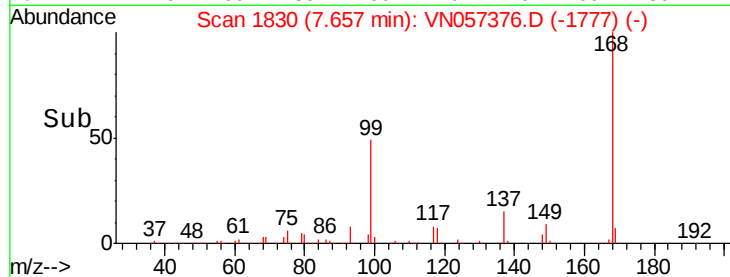
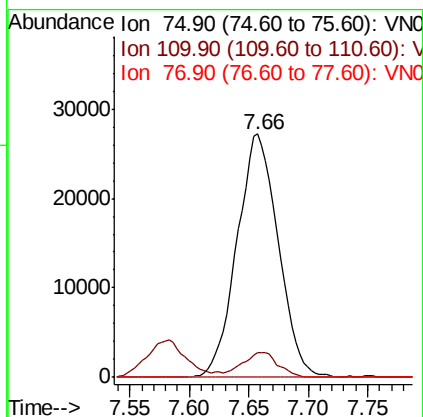
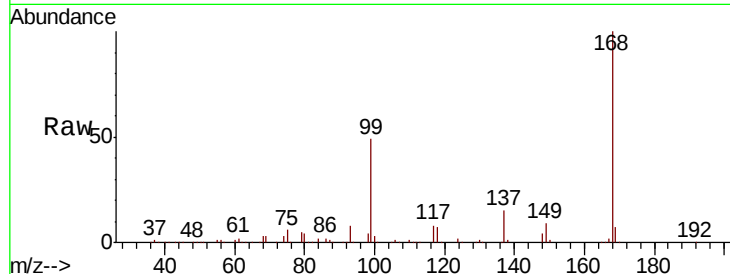




#36
 1,1-Dichloropropene
 Concen: 4.864 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN057376.D
 Acq: 17 Aug 2019 00:27

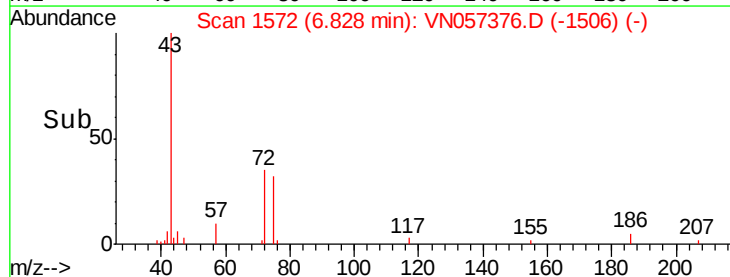
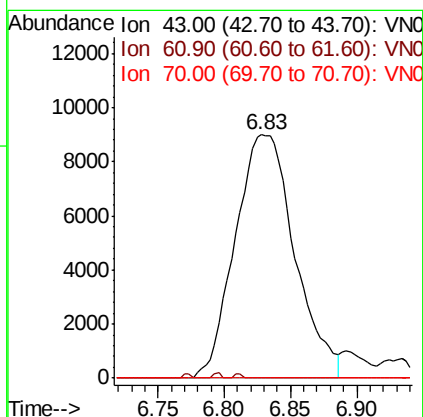
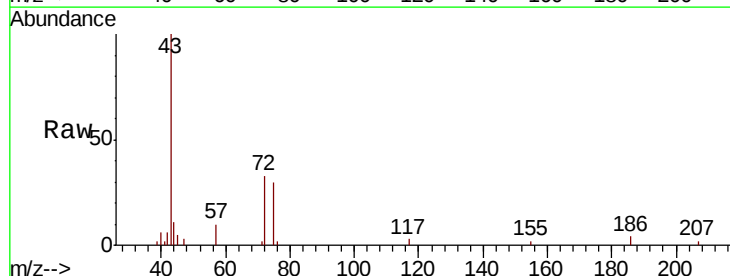
Instrument :
 MSVOA_N
 ClientSampled :
 TP-7

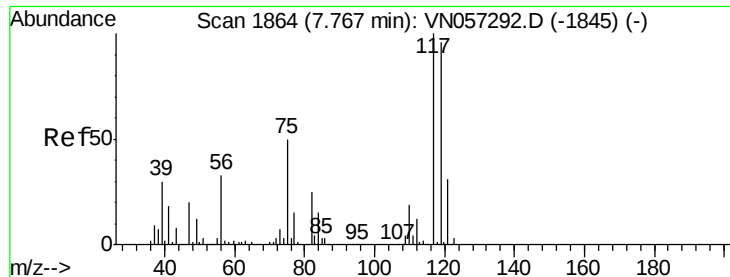
Tgt Ion: 75 Resp: 65308
 Ion Ratio Lower Upper
 75 100
 110 8.9 19.5 58.5#
 77 0.0 25.0 37.6#



#37
 Ethyl Acetate
 Concen: 2.561 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.09 min
 Lab File: VN057376.D
 Acq: 17 Aug 2019 00:27

Tgt Ion: 43 Resp: 28165
 Ion Ratio Lower Upper
 43 100
 61 0.2 12.0 18.0#
 70 0.0 9.2 13.8#





#38

Carbon Tetrachloride

Concen: 6.503 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN057376.D

Acq: 17 Aug 2019 00:27

Instrument :

MSVOA_N

ClientSampled :

TP-7

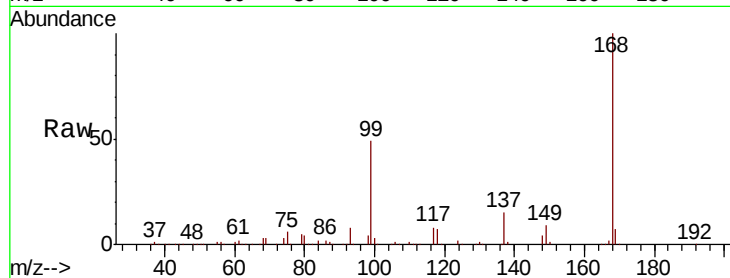
Tgt Ion:117 Resp: 90731

Ion Ratio Lower Upper

117 100

119 5.2 76.8 115.2#

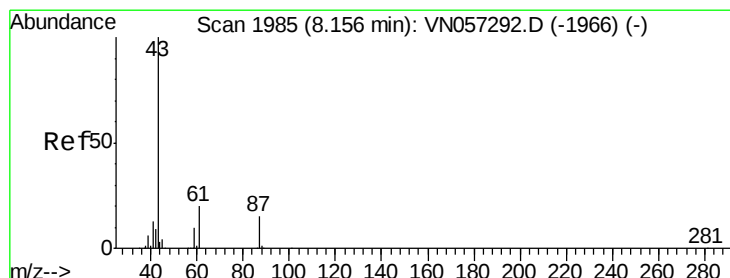
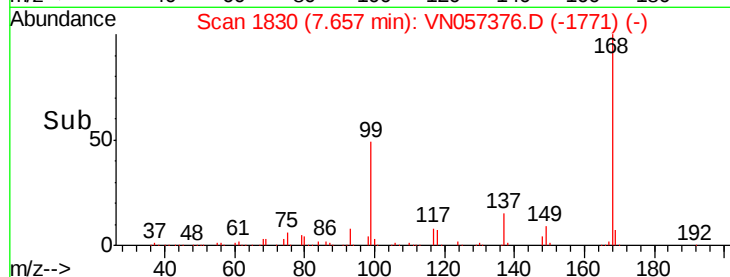
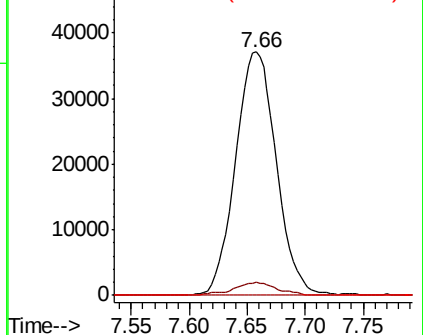
121 0.0 25.0 37.4#



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: 8.854 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057376.D

Acq: 17 Aug 2019 00:27

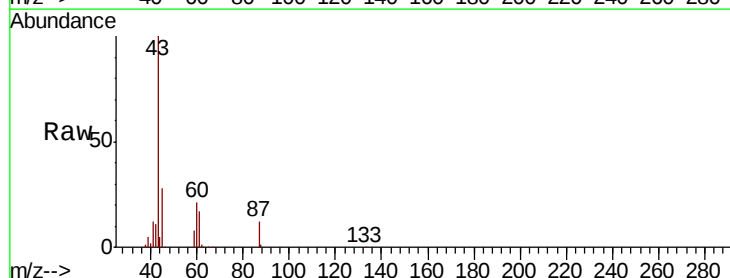
Tgt Ion: 43 Resp: 196738

Ion Ratio Lower Upper

43 100

61 14.9 21.6 32.4#

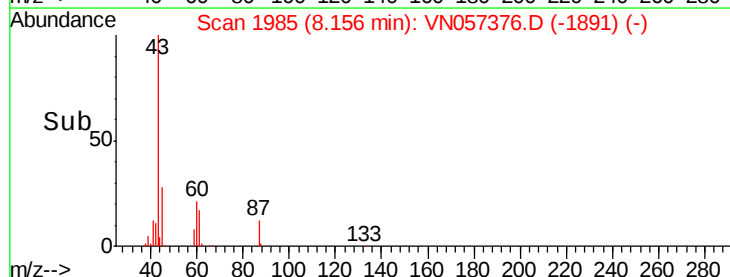
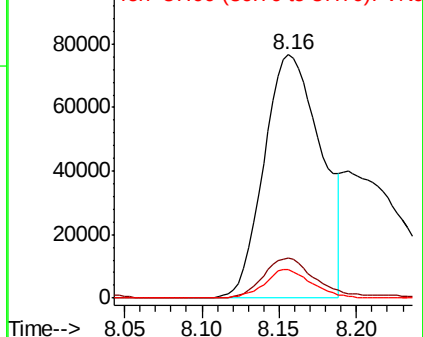
87 9.8 11.4 17.0#

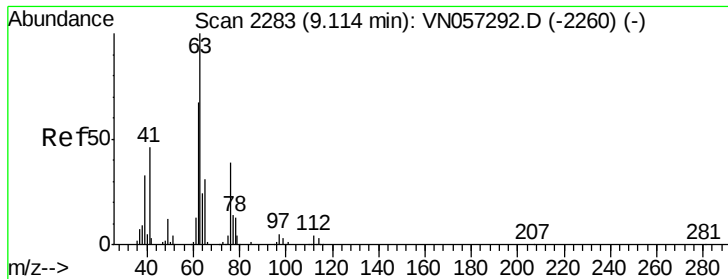


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.284 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.15 min

Lab File: VN057376.D

Acq: 17 Aug 2019 00:27

Instrument :

MSVOA_N

ClientSampleId :

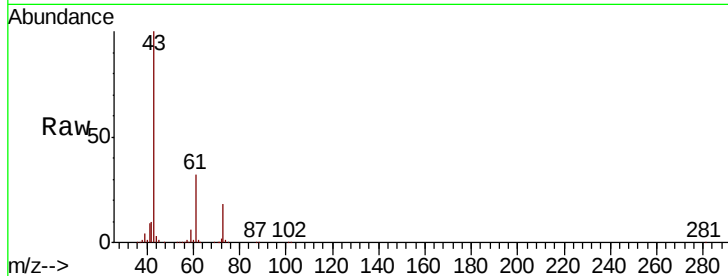
TP-7

Tgt Ion: 63 Resp: 3010

Ion Ratio Lower Upper

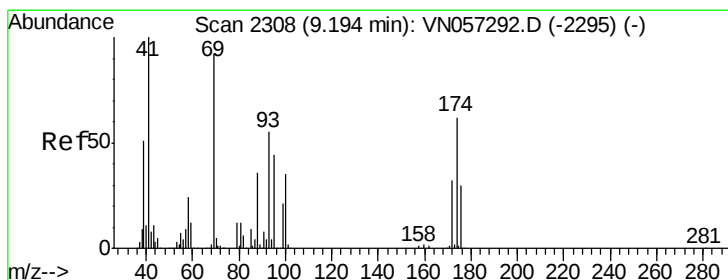
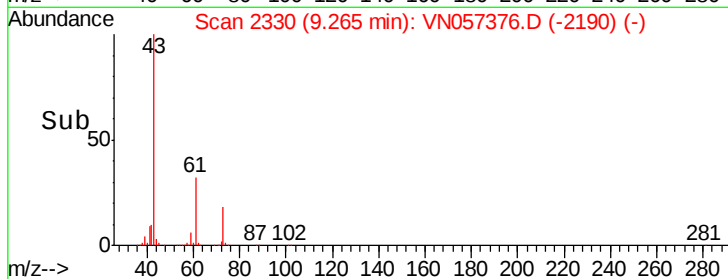
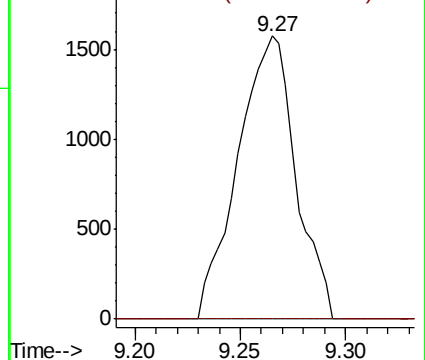
63 100

65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VNC

Ion 64.90 (64.60 to 65.60): VNC



#48

Methyl methacrylate

Concen: 0.868 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.02 min

Lab File: VN057376.D

Acq: 17 Aug 2019 00:27

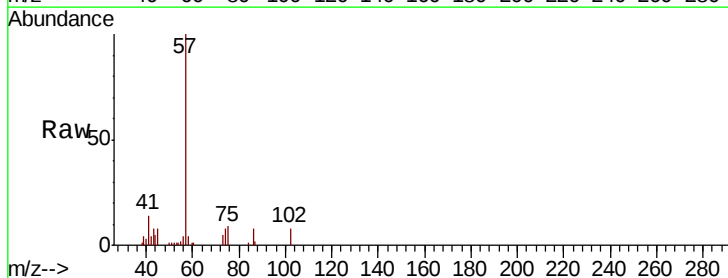
Tgt Ion: 41 Resp: 7860

Ion Ratio Lower Upper

41 100

69 0.0 75.9 113.9#

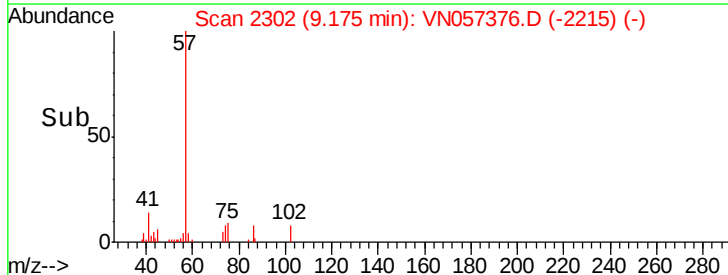
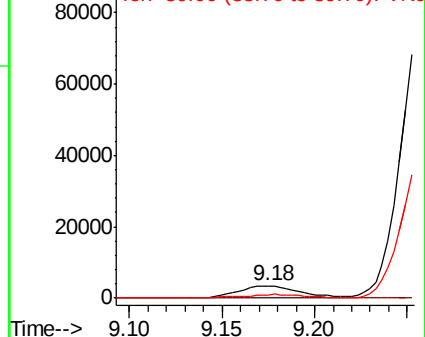
39 0.0 42.3 63.5#

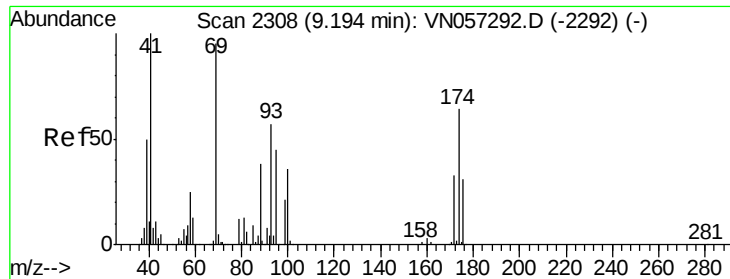


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC





#49

1,4-Dioxane

Concen: 2.090 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.06 min

Lab File: VN057376.D

Acq: 17 Aug 2019 00:27

Instrument :

MSVOA_N

ClientSampled :

TP-7

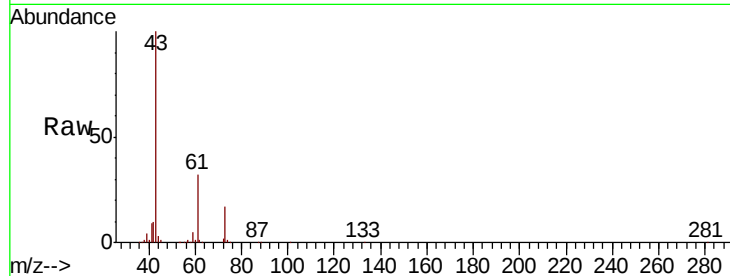
Tgt Ion: 88 Resp: 398

Ion Ratio Lower Upper

88 100

43 508127.6 22.9 34.3#

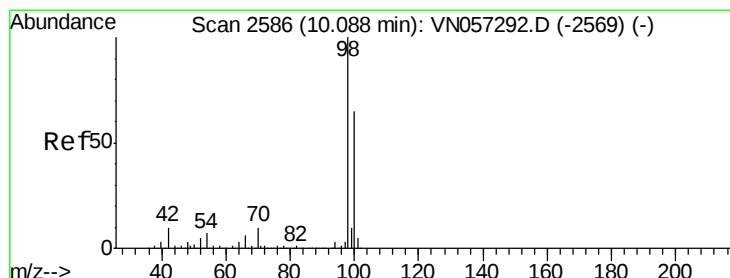
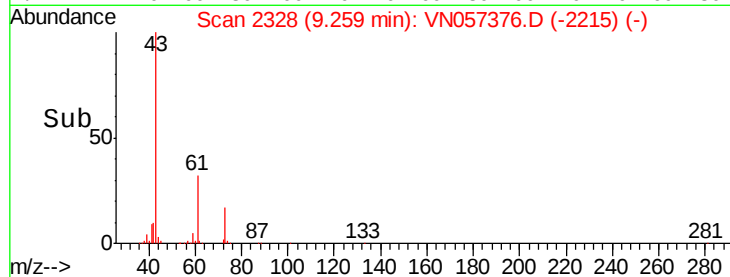
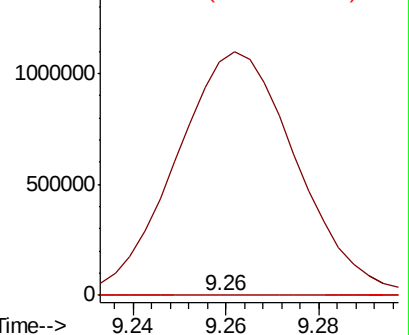
58 2078.4 52.7 79.1#



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: 48.547 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057376.D

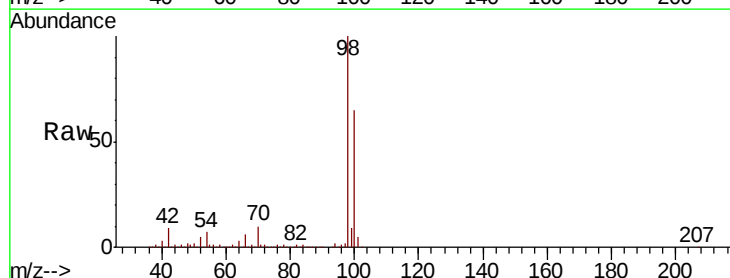
Acq: 17 Aug 2019 00:27

Tgt Ion: 98 Resp: 1770125

Ion Ratio Lower Upper

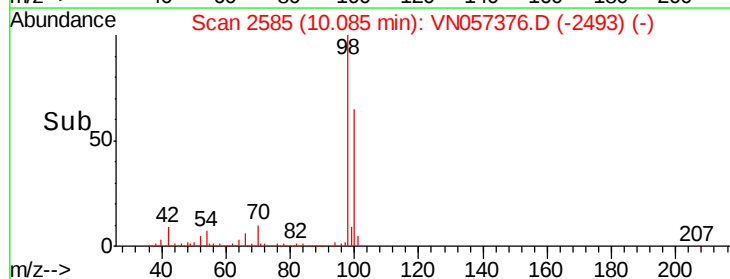
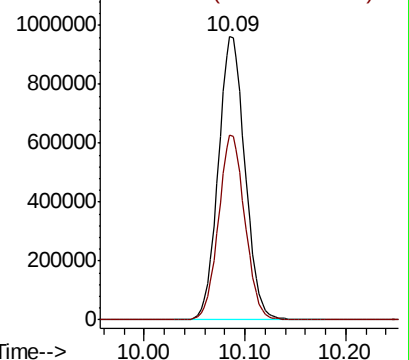
98 100

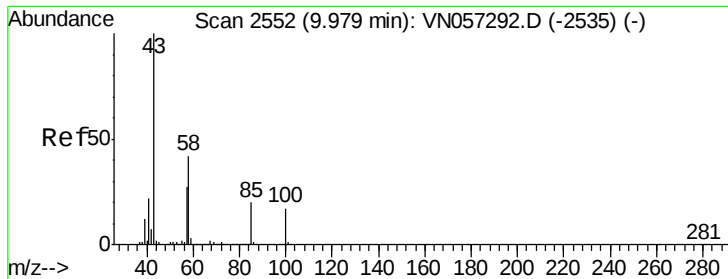
100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

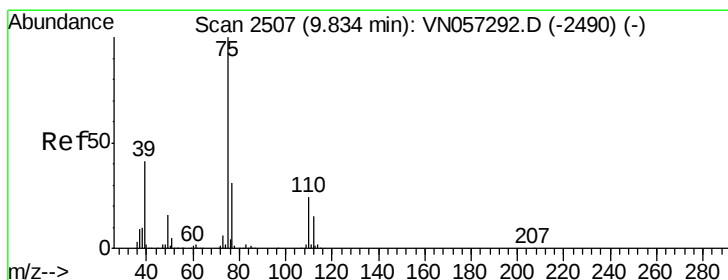
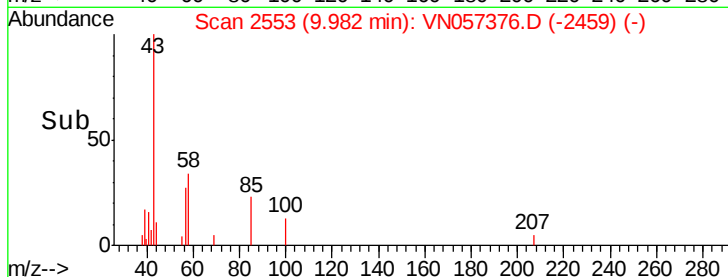
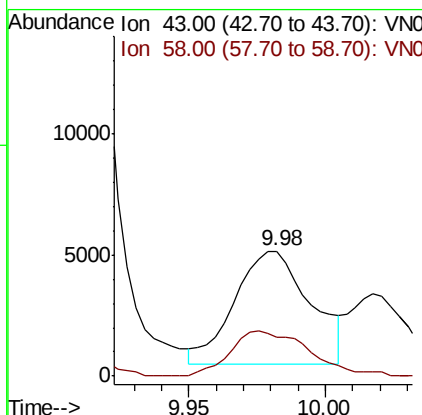
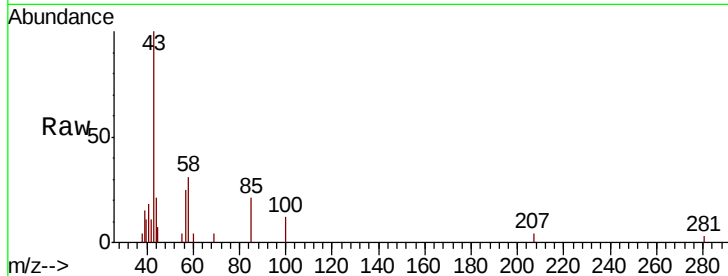




#51
 4-Methyl-2-Pentanone
 Concen: 0.796 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN057376.D
 Acq: 17 Aug 2019 00:27

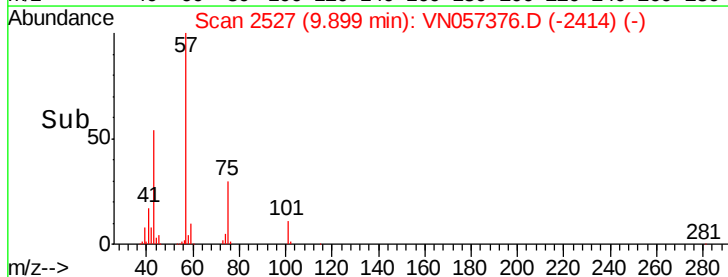
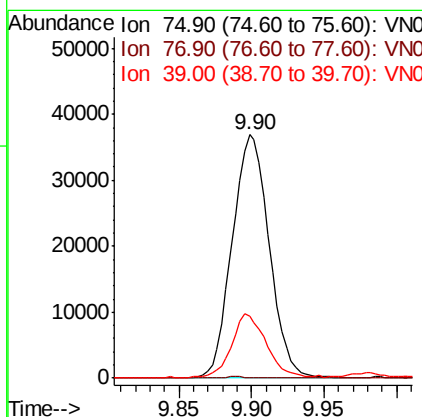
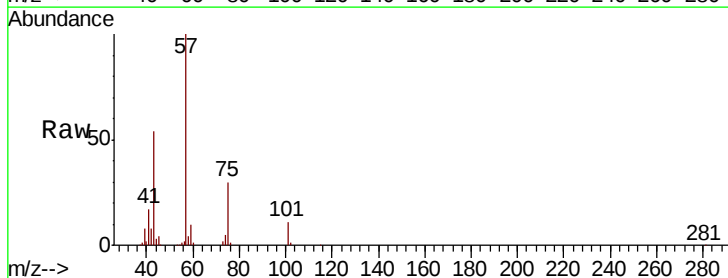
Instrument :
 MSVOA_N
 ClientSampled :
 TP-7

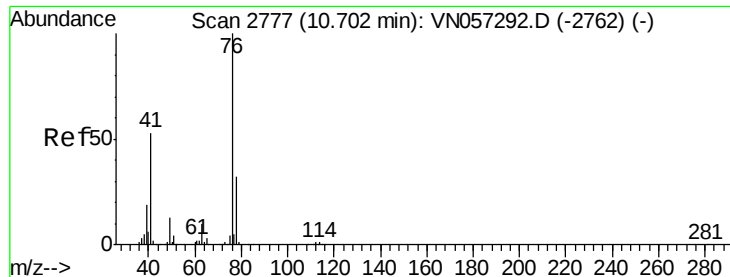
Tgt Ion: 43 Resp: 9031
 Ion Ratio Lower Upper
 43 100
 58 41.7 33.2 49.8



#54
 cis-1,3-Dichloropropene
 Concen: 3.914 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057376.D
 Acq: 17 Aug 2019 00:27

Tgt Ion: 75 Resp: 65331
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.9 37.3#
 39 25.2 32.7 49.1#





#57

1,3-Dichloropropane

Concen: 0.572 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057376.D

Acq: 17 Aug 2019 00:27

Instrument :

MSVOA_N

ClientSampled :

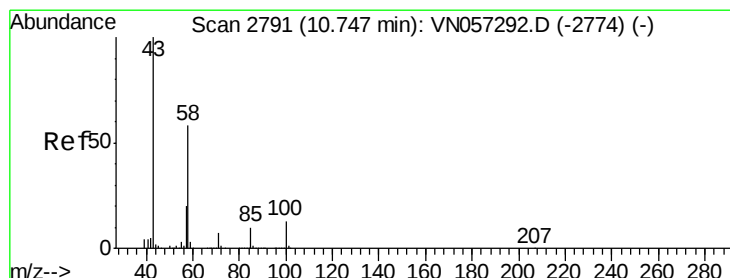
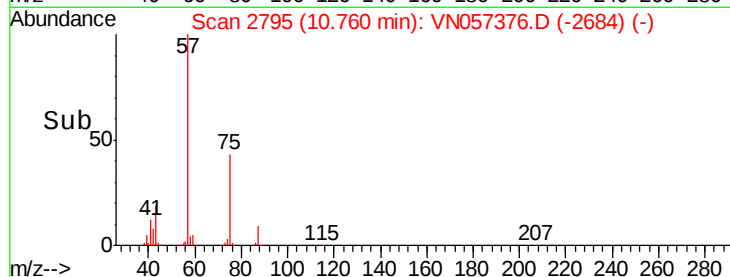
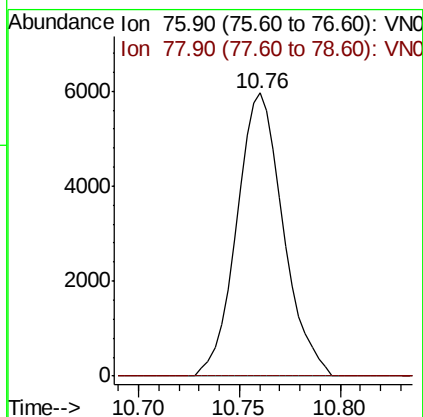
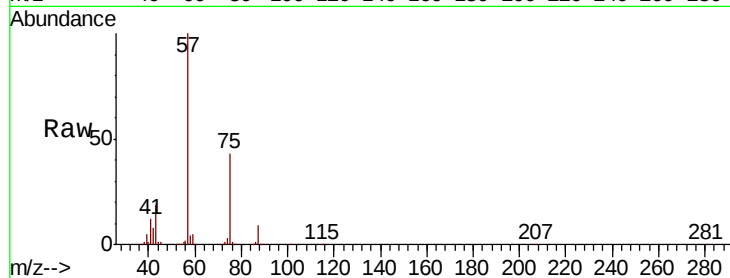
TP-7

Tgt Ion: 76 Resp: 9598

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 15.662 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN057376.D

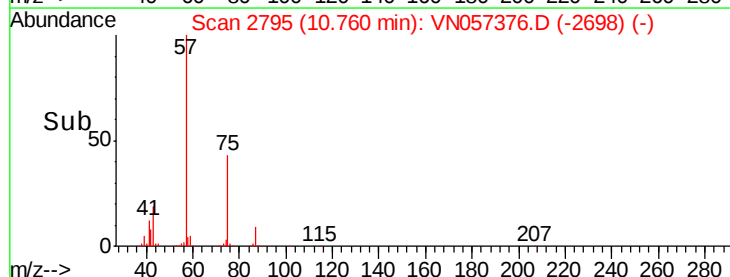
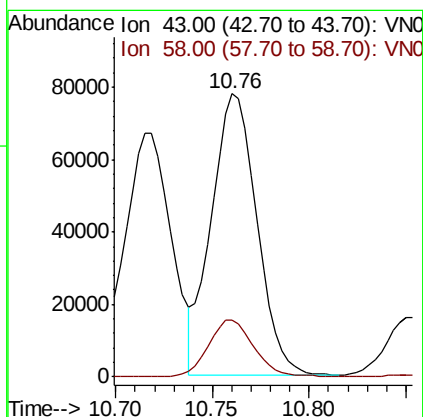
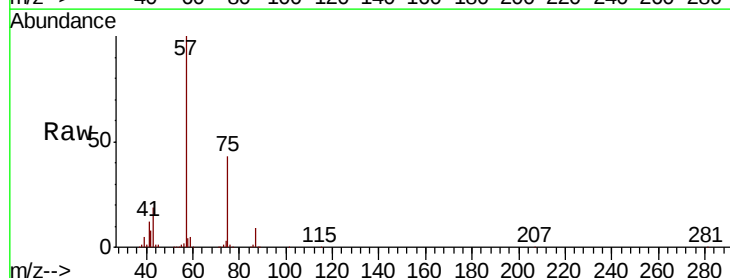
Acq: 17 Aug 2019 00:27

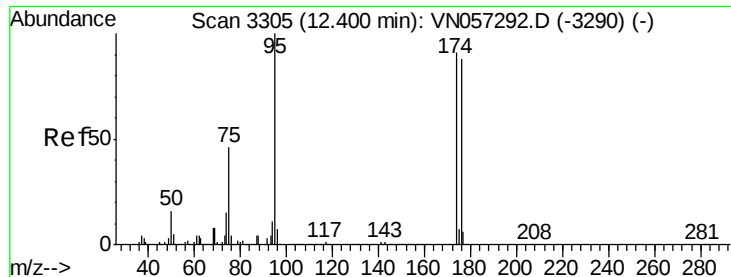
Tgt Ion: 43 Resp: 127749

Ion Ratio Lower Upper

43 100

58 20.3 28.6 85.9#

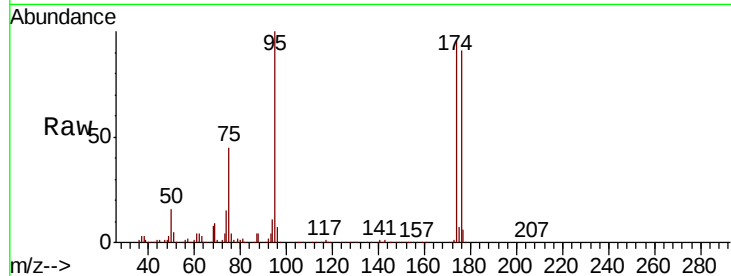




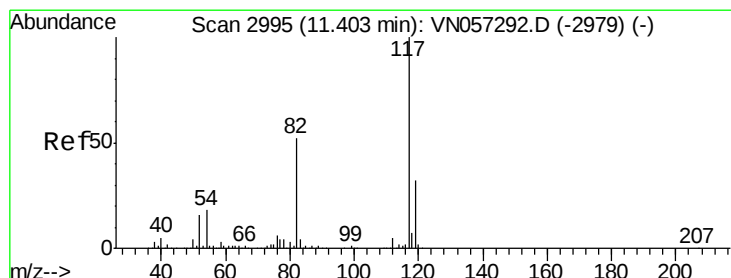
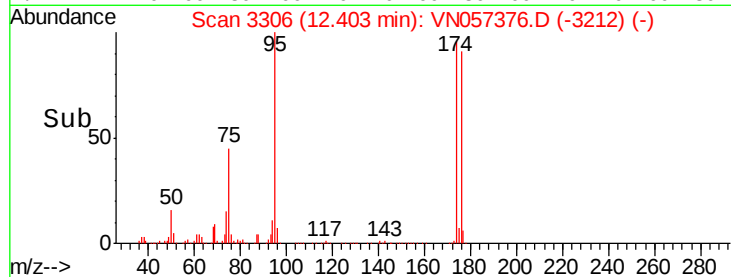
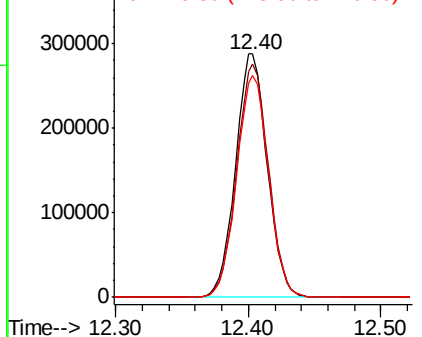
#62
4-Bromofluorobenzene
Concen: 36.920 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057376.D
Acq: 17 Aug 2019 00:27

Instrument :
MSVOA_N
ClientSampleId :
TP-7

Tgt Ion: 95 Resp: 475731
Ion Ratio Lower Upper
95 100
174 96.5 0.0 185.0
176 92.6 0.0 181.0

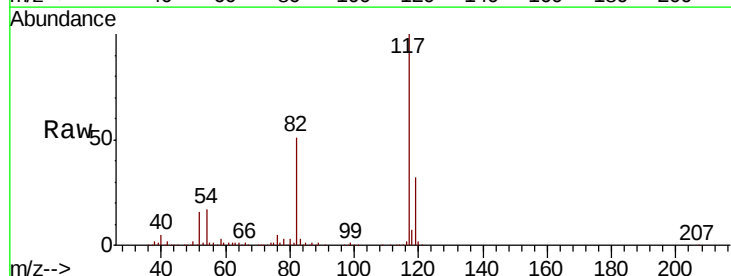


Abundance Ion 94.90 (94.60 to 95.60): VN057292.D (-3290) (-)
Ion 173.80 (173.50 to 174.50): VN057292.D (-3290) (-)
Ion 175.80 (175.50 to 176.50): VN057292.D (-3290) (-)

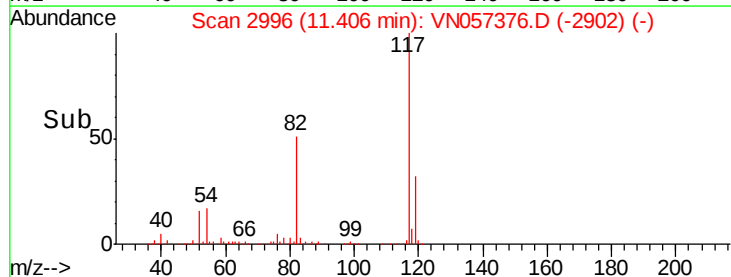
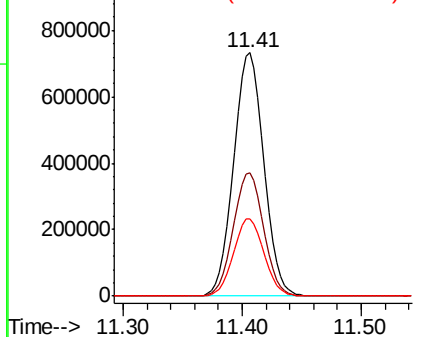


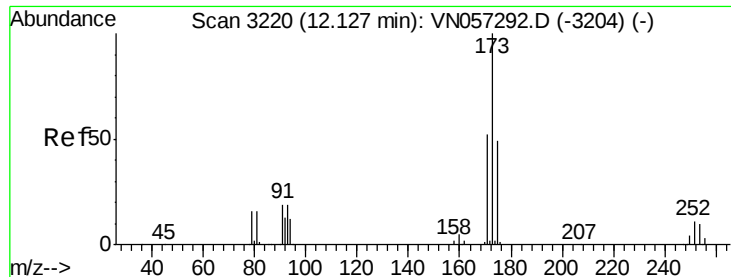
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057376.D
Acq: 17 Aug 2019 00:27

Tgt Ion: 117 Resp: 1287272
Ion Ratio Lower Upper
117 100
82 50.8 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) (-)





#71

Bromoform

Concen: 0.377 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN057376.D

Acq: 17 Aug 2019 00:27

Instrument :

MSVOA_N

ClientSampleId :

TP-7

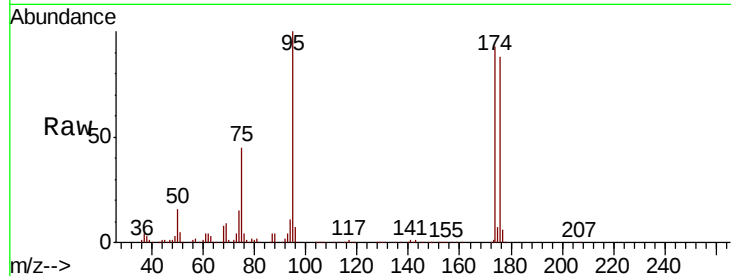
Tgt Ion:173 Resp: 2991

Ion Ratio Lower Upper

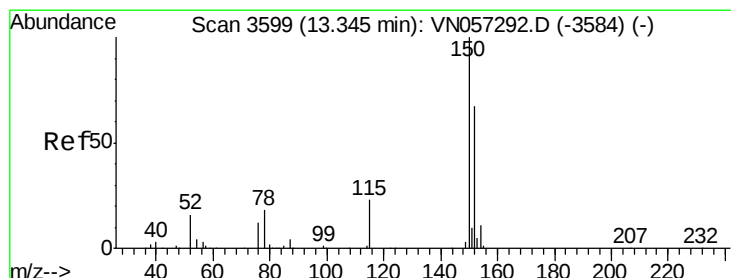
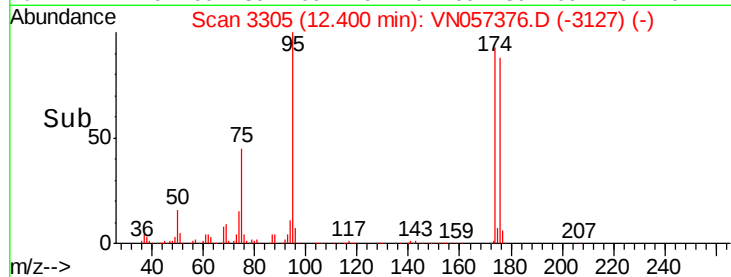
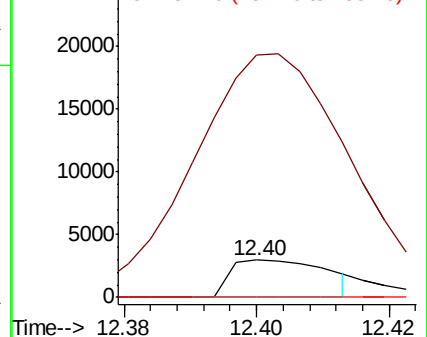
173 100

175 930.6 24.2 72.6#

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057376.D

Acq: 17 Aug 2019 00:27

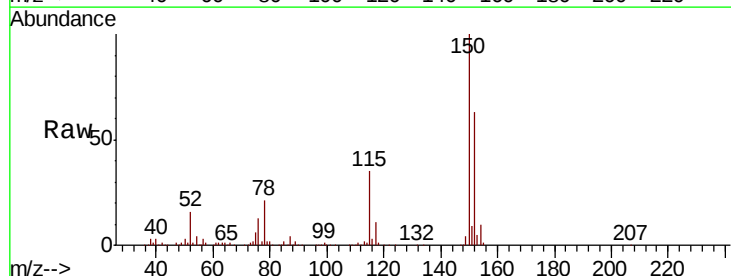
Tgt Ion:152 Resp: 346991

Ion Ratio Lower Upper

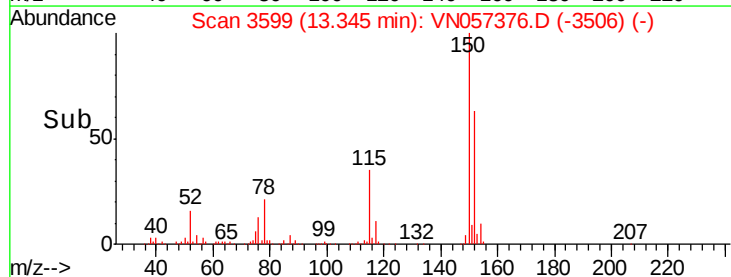
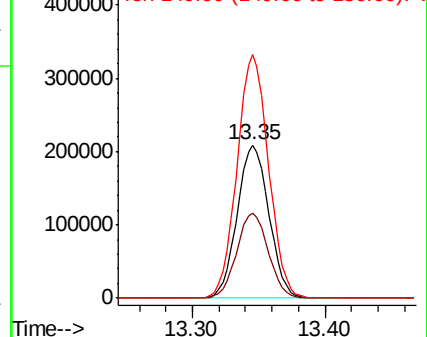
152 100

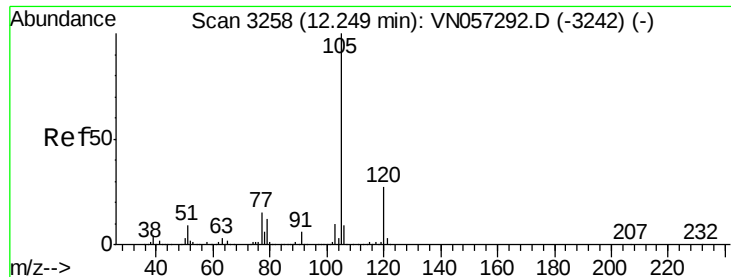
115 55.1 27.3 81.9

150 157.4 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: VN057376.D

Acq: 17 Aug 2019 00:27

Instrument :

MSVOA_N

ClientSampled :

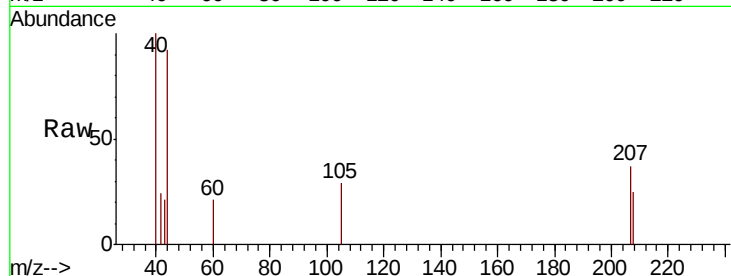
TP-7

Tgt Ion: 105 Resp: 151

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

12.25

200

150

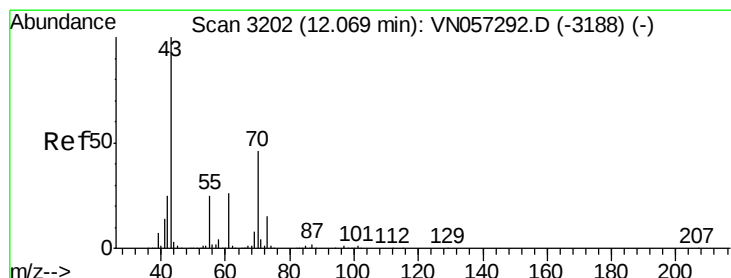
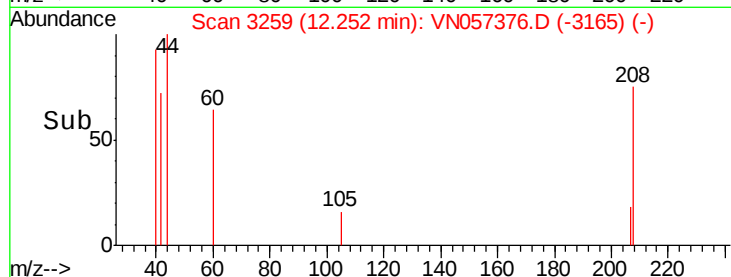
100

50

0

12.24 12.26

Time-->



#74

N-ethyl acetate

Concen: 0.341 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057376.D

Acq: 17 Aug 2019 00:27

Tgt Ion: 43 Resp: 3437

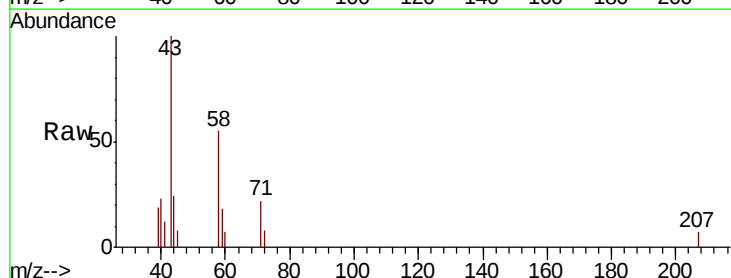
Ion Ratio Lower Upper

43 100

70 0.0 36.2 54.2#

55 2.9 20.1 30.1#

61 0.0 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

3000

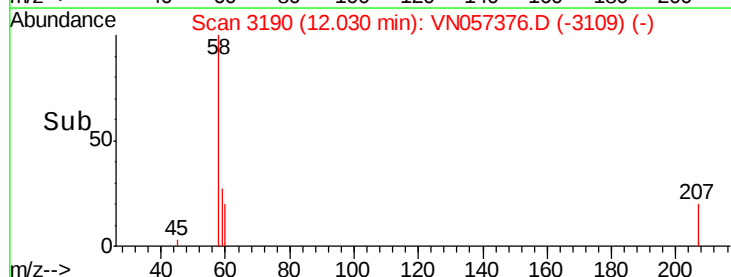
2000

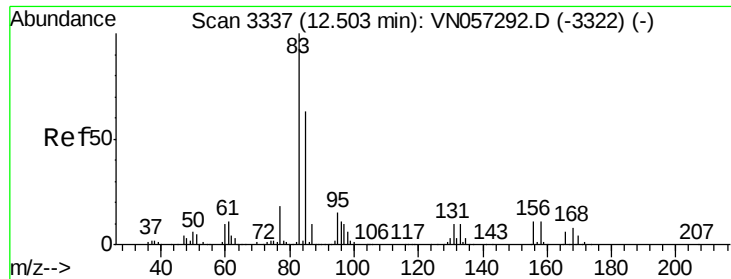
1000

0

12.00 12.05

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3306

Delta R.T. -0.10 min

Lab File: VN057376.D

Acq: 17 Aug 2019 00:27

Instrument :

MSVOA_N

ClientSampleId :

TP-7

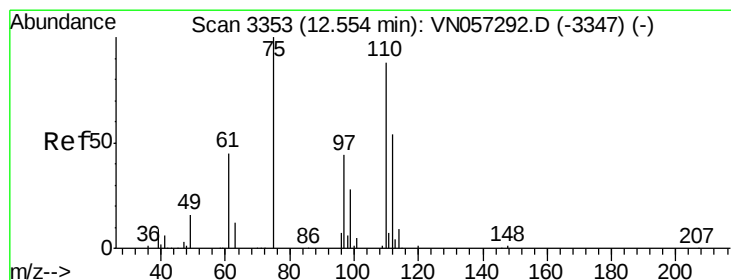
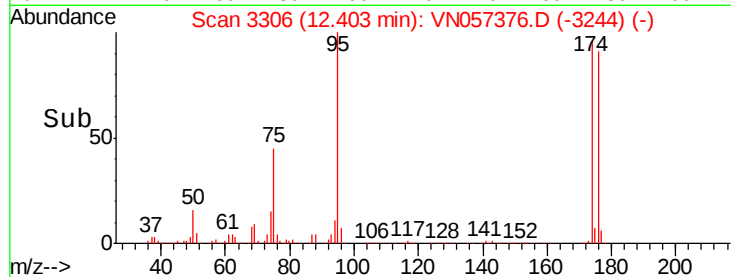
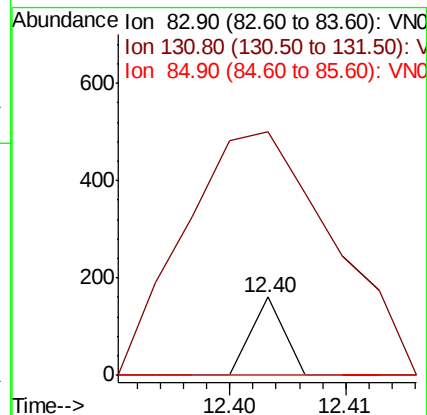
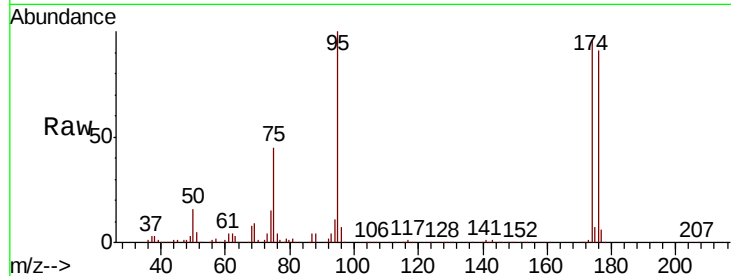
Tgt Ion: 83 Resp: 31

Ion Ratio Lower Upper

83 100

131 1429.0 5.4 16.2#

85 0.0 32.3 96.9#



#76

1,2,3-Trichloropropane

Concen: 31.430 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057376.D

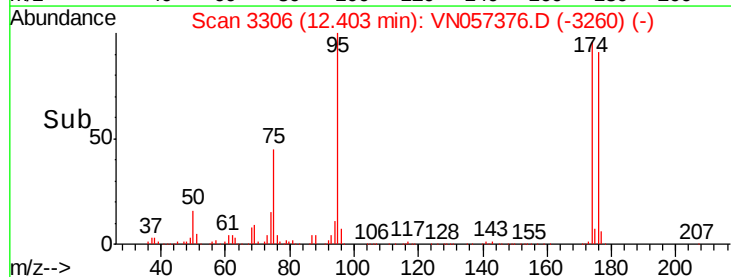
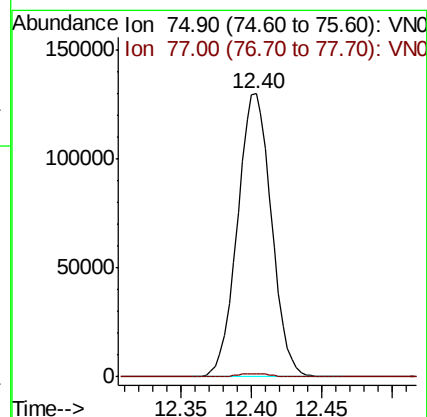
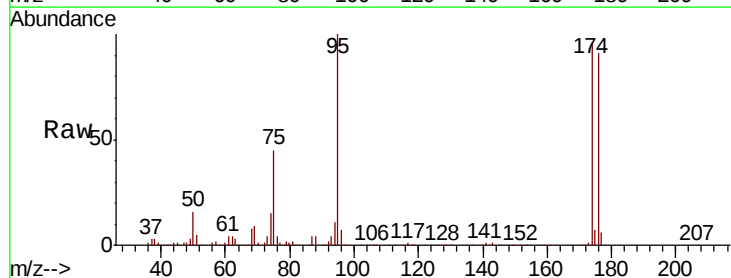
Acq: 17 Aug 2019 00:27

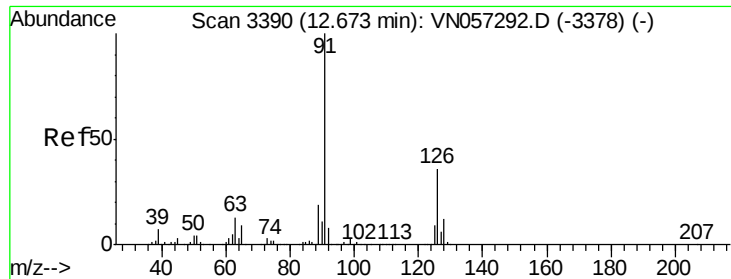
Tgt Ion: 75 Resp: 219475

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.39 min Scan# 3303

Delta R.T. -0.28 min

Lab File: VN057376.D

Acq: 17 Aug 2019 00:27

Instrument :

MSVOA_N

ClientSampled :

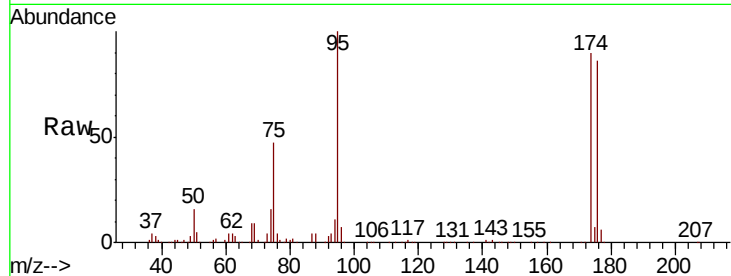
TP-7

Tgt Ion: 91 Resp: 537

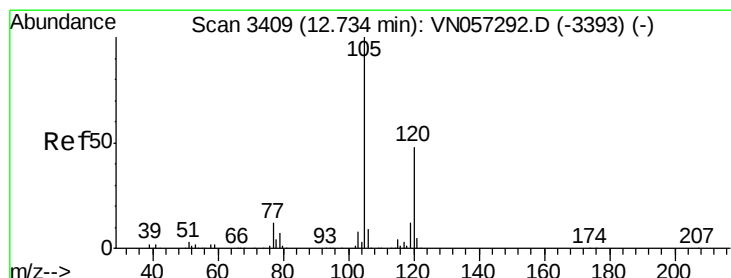
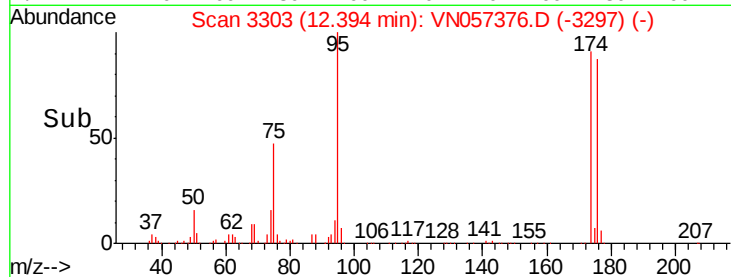
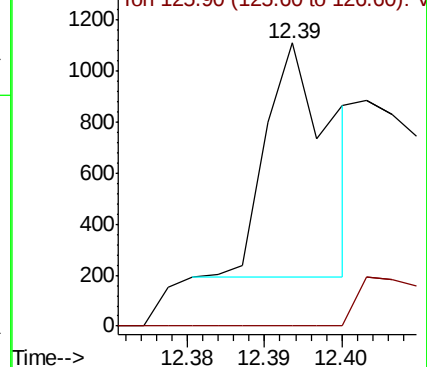
Ion Ratio Lower Upper

91 100

126 19.2 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# 3409

Delta R.T. 0.00 min

Lab File: VN057376.D

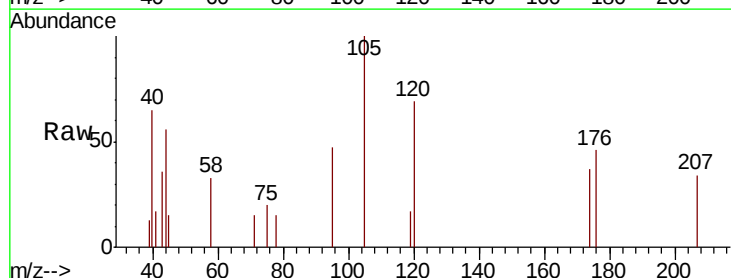
Acq: 17 Aug 2019 00:27

Tgt Ion: 105 Resp: 1739

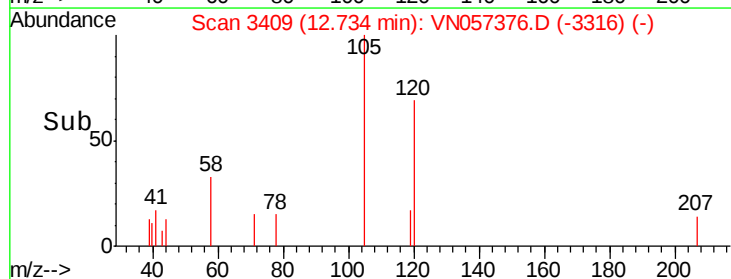
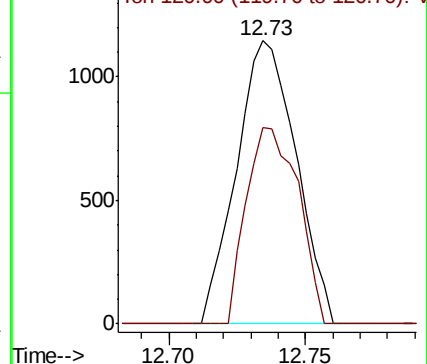
Ion Ratio Lower Upper

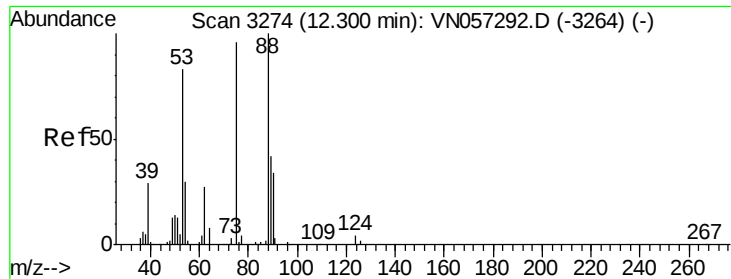
105 100

120 60.6 24.3 73.0



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

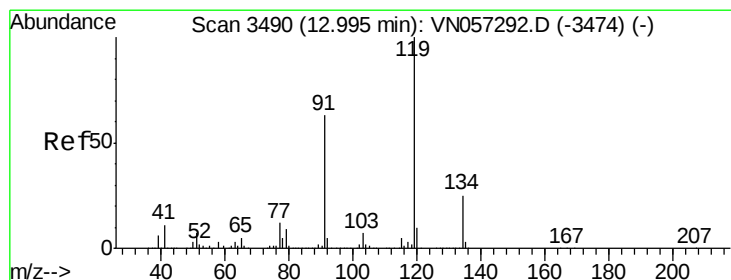
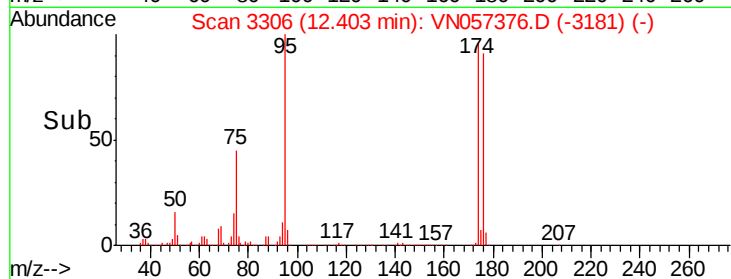
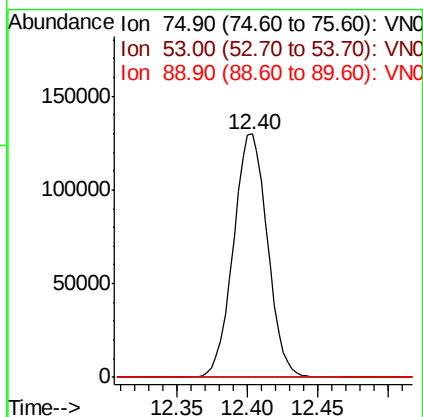
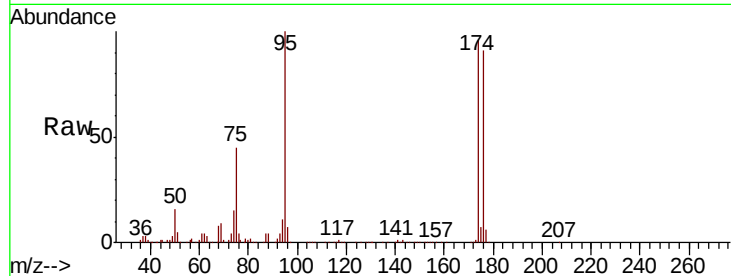




#81
trans-1,4-Dichloro-2-butene
Concen: 77.127 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN057376.D
Acq: 17 Aug 2019 00:27

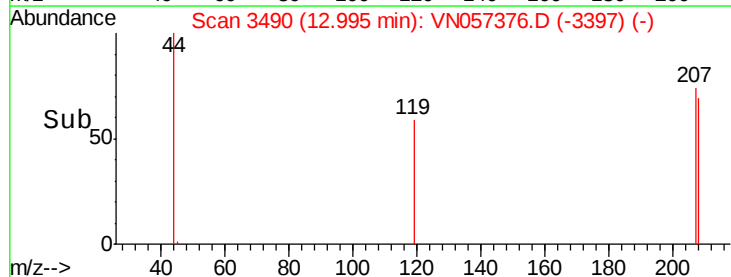
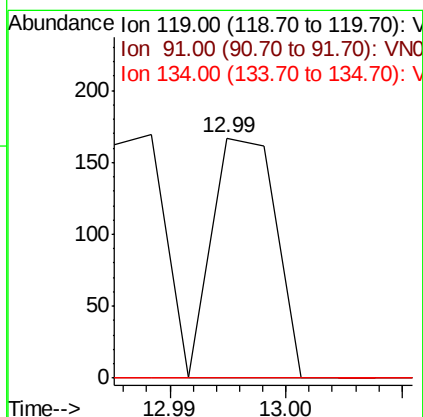
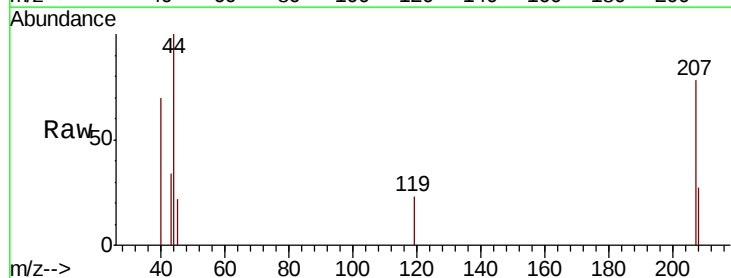
Instrument :
MSVOA_N
ClientSampled :
TP-7

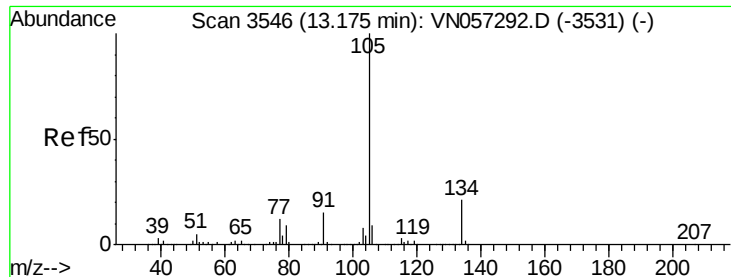
Tgt Ion: 75 Resp: 219475
Ion Ratio Lower Upper
75 100
53 0.0 67.9 101.9#
89 0.0 36.2 54.4#



#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN057376.D
Acq: 17 Aug 2019 00:27

Tgt Ion: 119 Resp: 63
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: VN057376.D

Acq: 17 Aug 2019 00:27

Instrument :

MSVOA_N

ClientSampled :

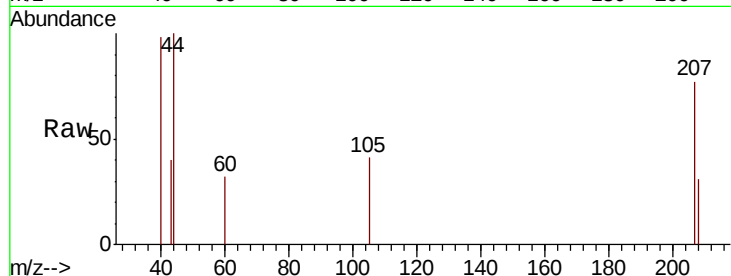
TP-7

Tgt Ion:105 Resp: 240

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.18

250

200

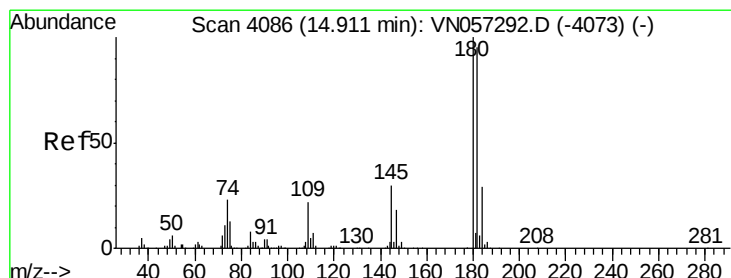
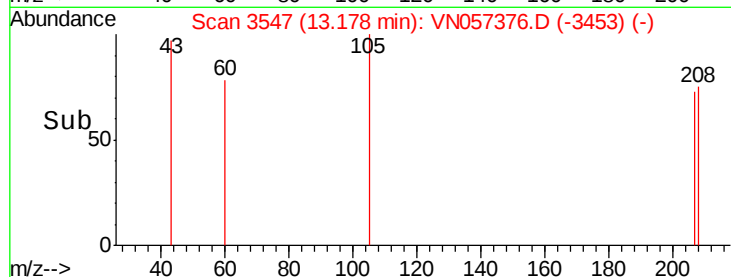
150

100

50

0

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 5.423 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN057376.D

Acq: 17 Aug 2019 00:27

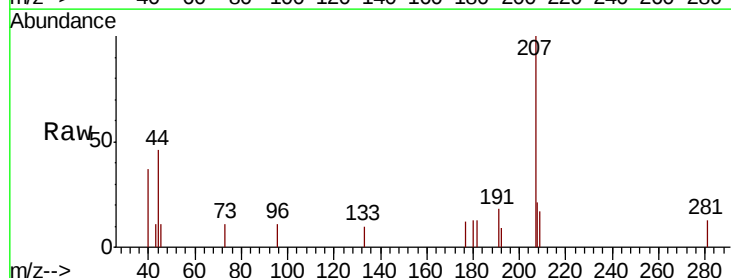
Tgt Ion:180 Resp: 341

Ion Ratio Lower Upper

180 100

182 91.5 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

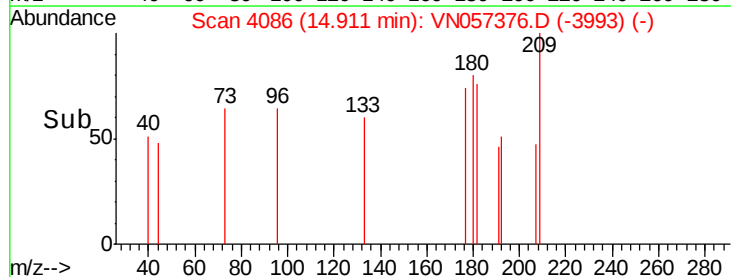
300

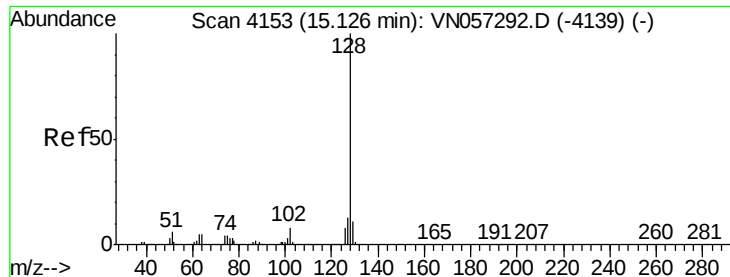
200

100

0

Time-->





#95

Naphthalene

Concen: Below Cal

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN057376.D

Acq: 17 Aug 2019 00:27

Instrument :

MSVOA_N

ClientSampled :

TP-7

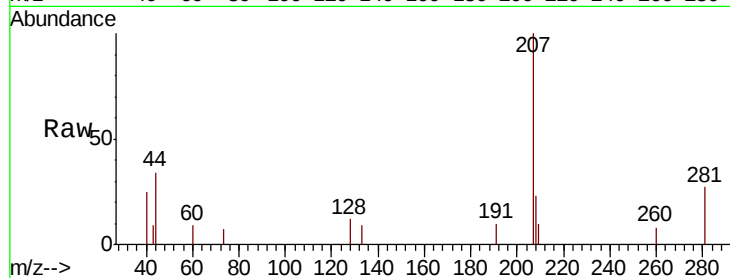
Tgt Ion:128 Resp: 359

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

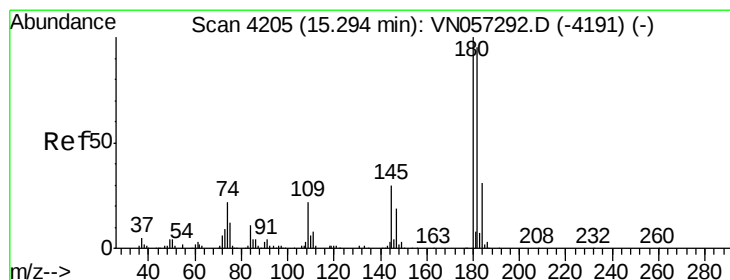
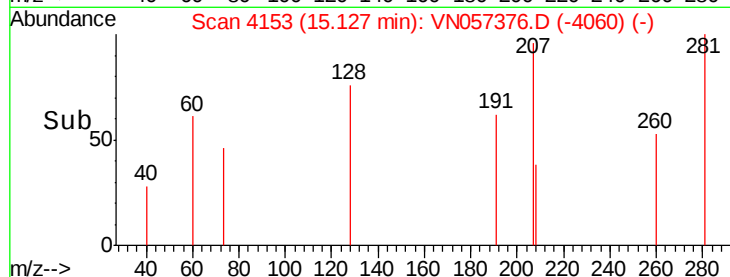
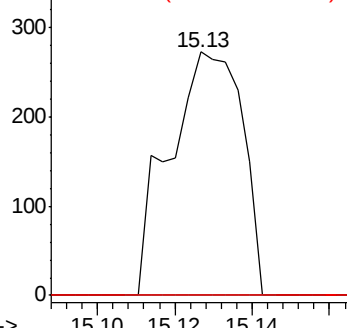
129 0.0 8.8 13.2#



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: 15.29 min Scan# 4204

Delta R.T. -0.00 min

Lab File: VN057376.D

Acq: 17 Aug 2019 00:27

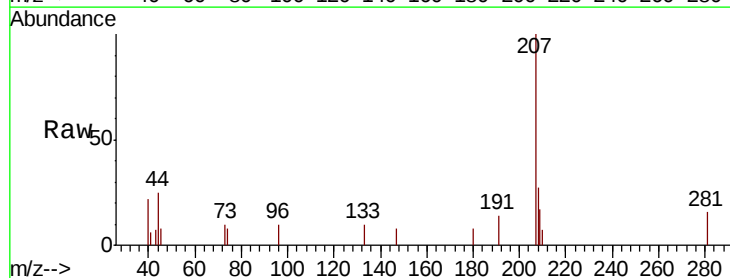
Tgt Ion:180 Resp: 231

Ion Ratio Lower Upper

180 100

182 68.4 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

