

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082219\
 Data File : VN057453.D
 Acq On : 23 Aug 2019 00:14
 Operator : JC/SP
 Sample : K4403-37
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-J-(2.5)

Quant Time: Aug 23 05:16:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	407977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	720708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	580823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	127651	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	338302	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
35) Dibromofluoromethane	7.57	113	229394	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
50) Toluene-d8	10.08	98	905249	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
62) 4-Bromofluorobenzene	12.40	95	235775	37.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.05	50	1606	0.234	ug/l #	76
8) Diethyl Ether	3.52	74	234	Below Cal		84
9) 1,1,2-Trichlorotrifluoroet	3.72	101	30	Below Cal	#	1
11) Tert butyl alcohol	4.72	59	4422	4.959	ug/l #	83
13) Acrolein	3.58	56	284	0.362	ug/l #	1
16) Acetone	3.80	43	9723	2.950	ug/l	92
18) Methyl Acetate	4.31	43	14194	1.062	ug/l #	76
20) Methylene Chloride	4.53	84	10867	2.152	ug/l	96
29) Tetrahydrofuran	7.20	42	1108	0.470	ug/l #	90
31) Cyclohexane	7.65	56	13030	1.292	ug/l #	30
36) 1,1-Dichloropropene	7.65	75	41420	5.624	ug/l #	50
38) Carbon Tetrachloride	7.65	117	45603	6.233	ug/l #	16
43) Isopropyl Acetate	8.16	43	113568	8.511	ug/l	99
46) Dibromomethane	9.17	93	64	Below Cal	#	10
48) Methyl methacrylate	9.17	41	5758	0.908	ug/l #	18
49) 1,4-Dioxane	9.24	88	35	0.427	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7690	1.034	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	45052	4.704	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	6519	0.727	ug/l #	46
58) 2-Chloroethyl Vinyl ether	9.68	63	61	17.090	ug/l #	52
59) 2-Hexanone	10.76	43	110294	21.625	ug/l #	53
71) Bromoform	12.41	173	2581	0.848	ug/l #	1
73) Isopropylbenzene	12.25	105	216	Below Cal	#	27
74) N-amyl acetate	12.06	43	1594	Below Cal	#	52
75) 1,1,2,2-Tetrachloroethane	12.49	83	111	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	135491	47.788	ug/l #	100
77) Bromobenzene	12.53	156	30	Below Cal	#	1
78) n-propylbenzene	12.59	91	732	Below Cal		86
79) 2-Chlorotoluene	12.68	91	686	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	12.73	105	1135	Below Cal		70
81) trans-1,4-Dichloro-2-buten	12.40	75	135491	122.092	ug/l #	9
82) 4-Chlorotoluene	13.00	91	175	Below Cal		80
83) tert-Butylbenzene	13.00	119	212	Below Cal	#	80
85) sec-Butylbenzene	13.17	105	302	Below Cal	#	58

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Quant Title : SW846 8260
QLast Update : Fri Aug 23 05:07:29 2019
Response via : Initial Calibration

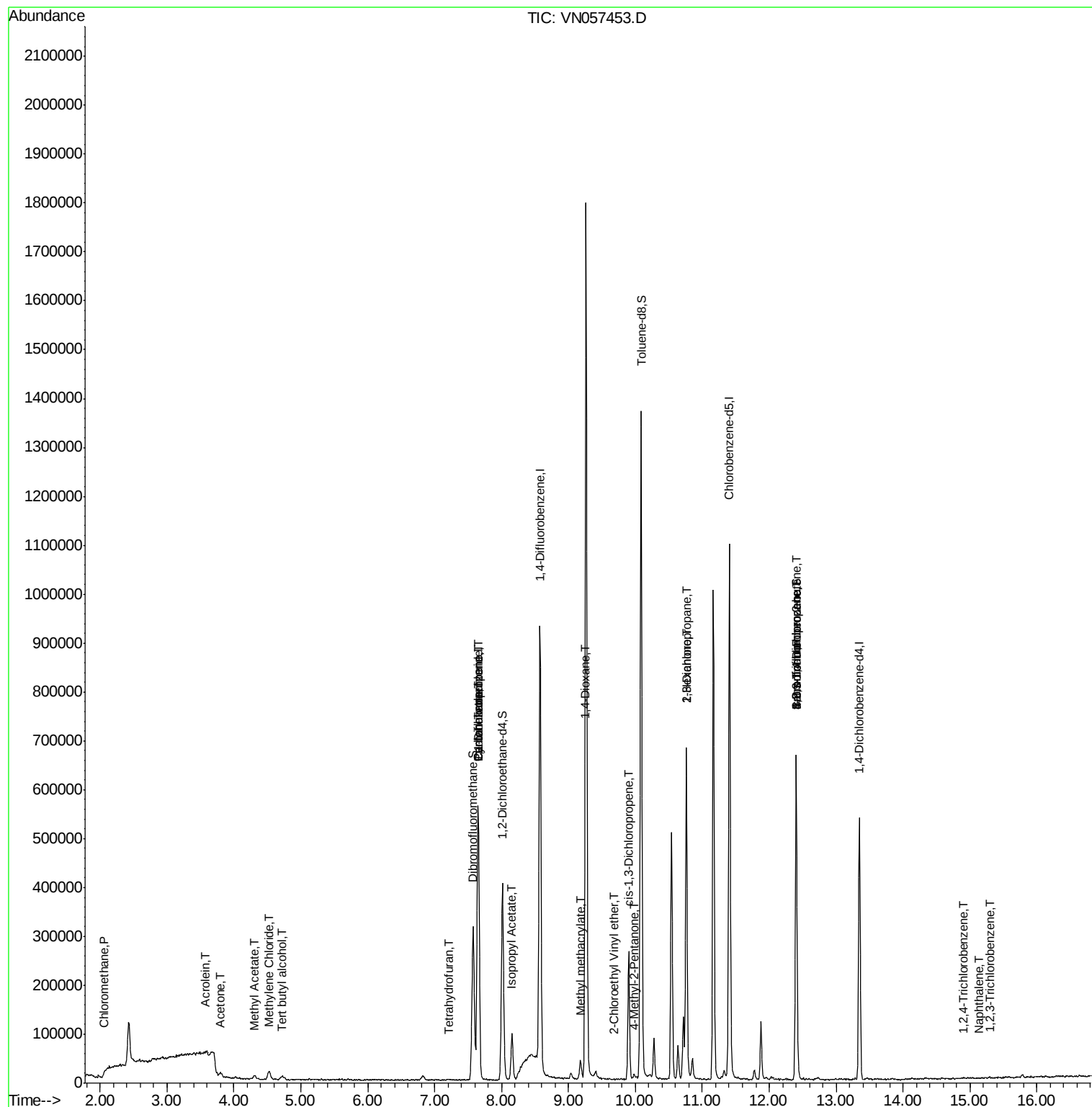
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.73	117	29	Below Cal	#	17
92) 1,2-Dibromo-3-Chloropropan	14.29	75	63	Below Cal	#	11
93) 1,2,4-Trichlorobenzene	14.90	180	188	5.477 ug/l	#	78
95) Naphthalene	15.13	128	693	4.464 ug/l	#	85
96) 1,2,3-Trichlorobenzene	15.30	180	461	5.375 ug/l		85

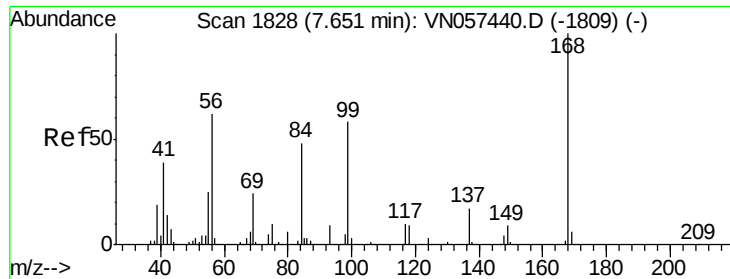
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN082219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057453.D

Acq: 23 Aug 2019 00:14

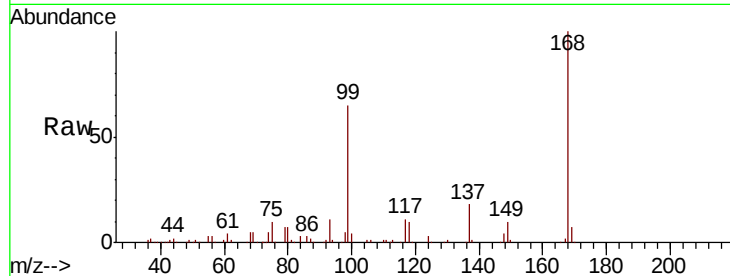
Instrument :
MSVOA_N
ClientSampleId :
T1-J-(2.5)

Tgt Ion:168 Resp: 407977

Ion Ratio Lower Upper

168 100

99 64.9 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057440.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057440.D (-1809) (-)

7.65

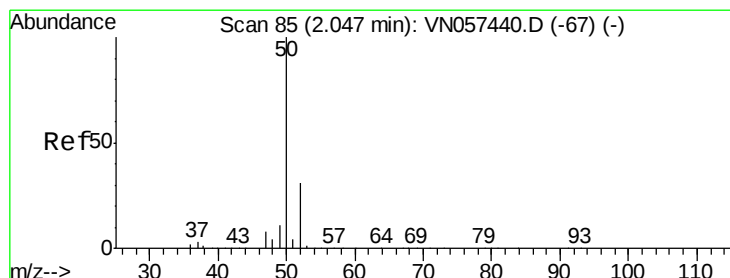
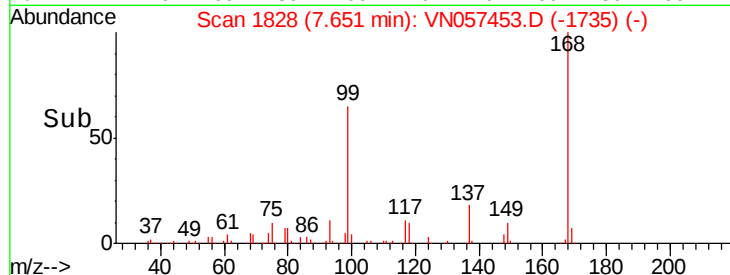
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.234 ug/l

RT: 2.05 min Scan# 85

Delta R.T. -0.00 min

Lab File: VN057453.D

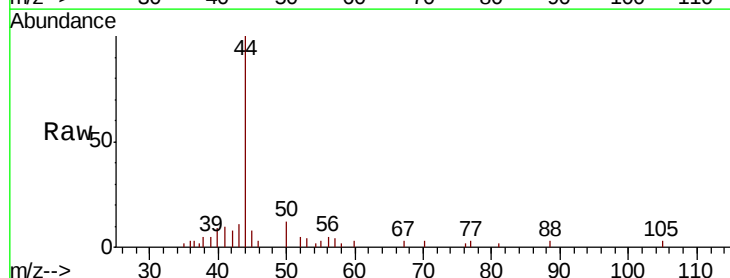
Acq: 23 Aug 2019 00:14

Tgt Ion: 50 Resp: 1606

Ion Ratio Lower Upper

50 100

52 44.9 25.1 37.7#



Abundance Ion 49.90 (49.60 to 50.60): VN057440.D (-67) (-)

Ion 51.90 (51.60 to 52.60): VN057440.D (-67) (-)

2.05

1000

800

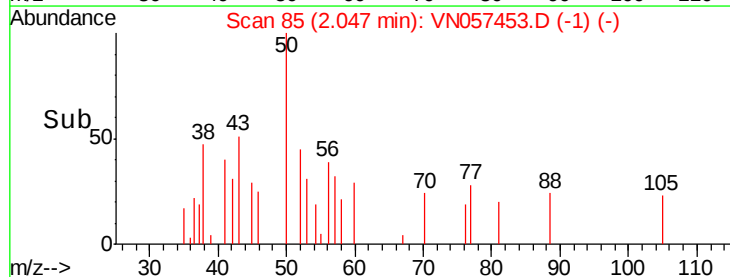
600

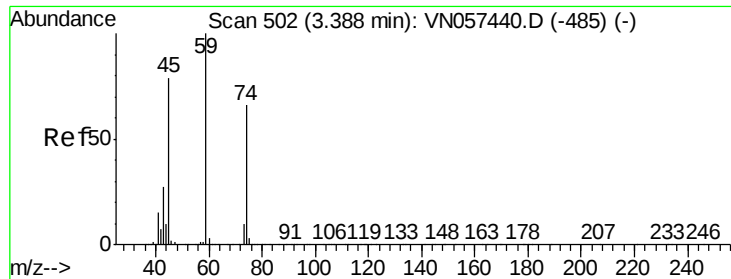
400

200

0

Time-->





#8

Diethyl Ether

Concen: Below Cal

RT: 3.52 min Scan# 542

Delta R.T. 0.13 min

Lab File: VN057453.D

Acq: 23 Aug 2019 00:14

Instrument :

MSVOA_N

ClientSampleId :

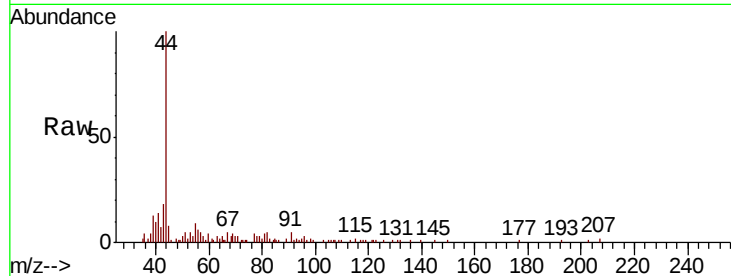
T1-J-(2.5)

Tgt Ion: 74 Resp: 234

Ion Ratio Lower Upper

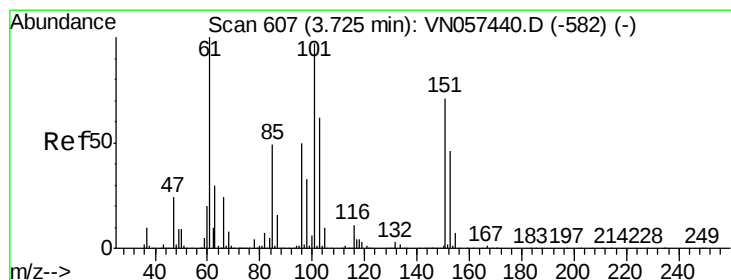
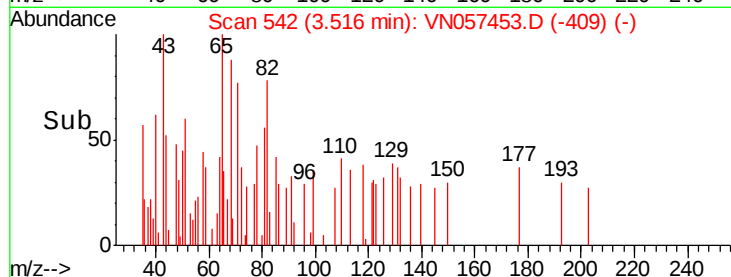
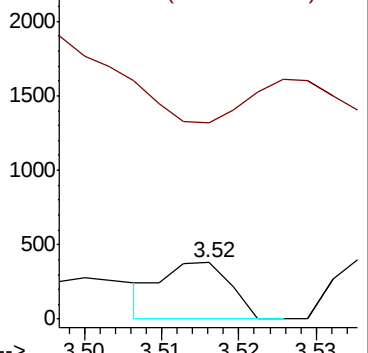
74 100

45 98.3 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.72 min Scan# 606

Delta R.T. -0.00 min

Lab File: VN057453.D

Acq: 23 Aug 2019 00:14

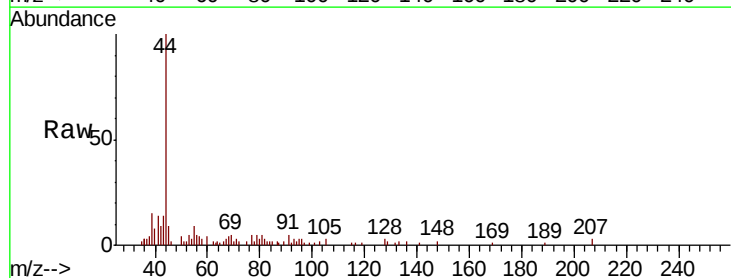
Tgt Ion: 101 Resp: 30

Ion Ratio Lower Upper

101 100

85 273.3 40.0 60.0#

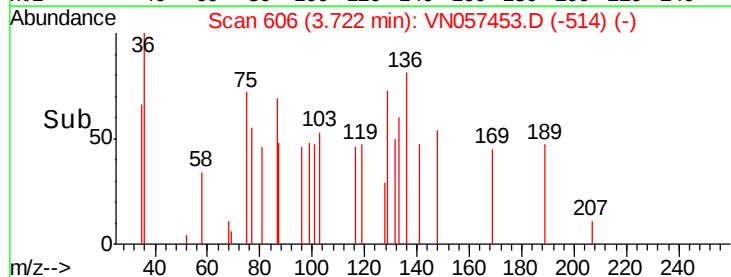
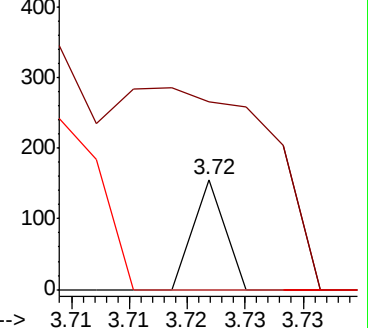
151 786.7 57.0 85.6#

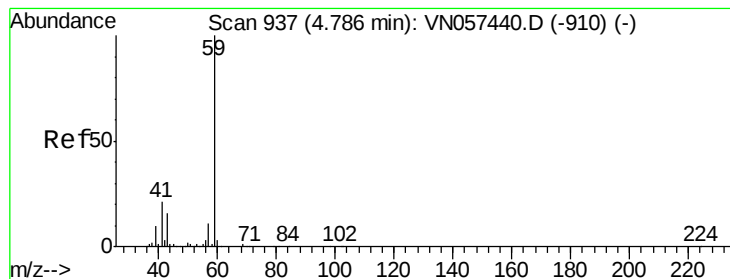


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V





#11

Tert butyl alcohol

Concen: 4.959 ug/l

RT: 4.72 min Scan# 916

Delta R.T. -0.07 min

Lab File: VN057453.D

Acq: 23 Aug 2019 00:14

Instrument :

MSVOA_N

ClientSampled :

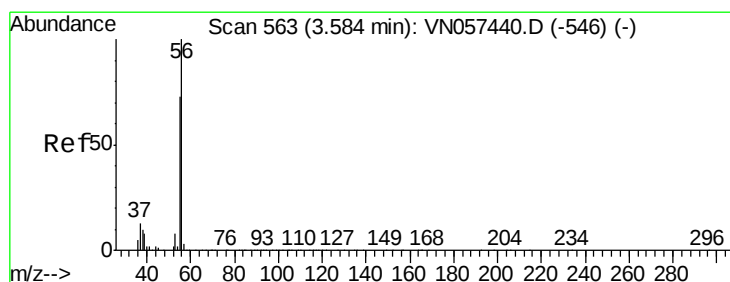
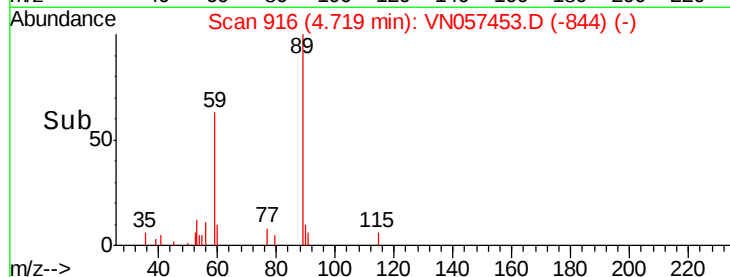
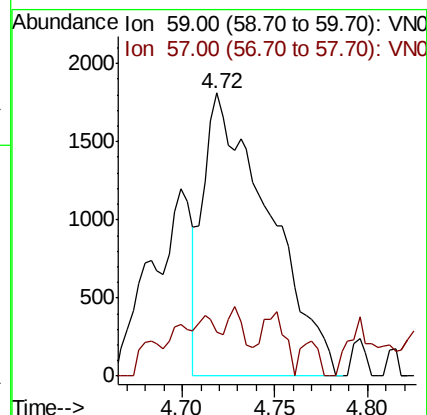
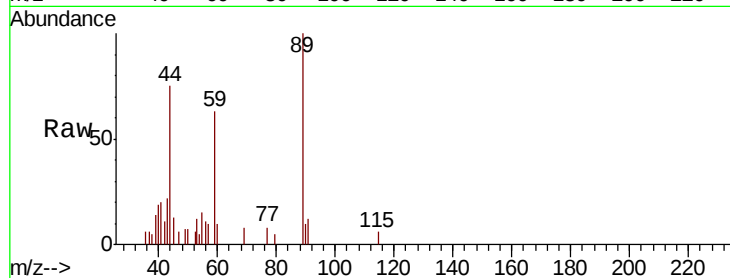
T1-J-(2.5)

Tgt Ion: 59 Resp: 4422

Ion Ratio Lower Upper

59 100

57 5.0 9.1 13.7#



#13

Acrolein

Concen: 0.362 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.01 min

Lab File: VN057453.D

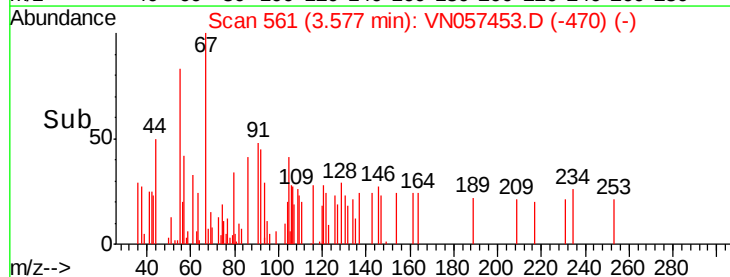
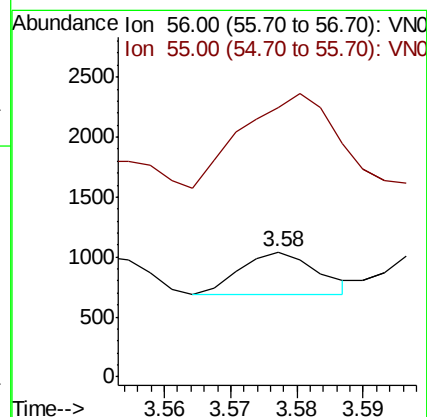
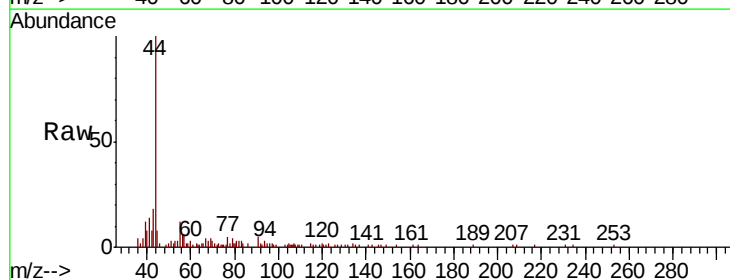
Acq: 23 Aug 2019 00:14

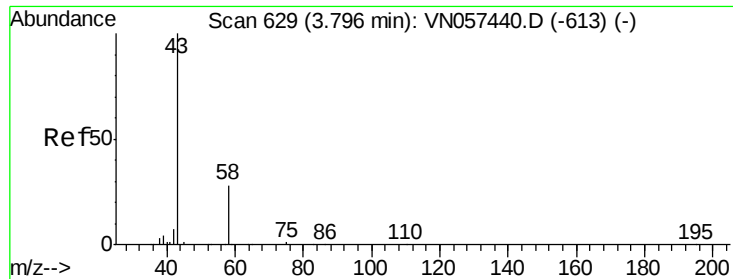
Tgt Ion: 56 Resp: 284

Ion Ratio Lower Upper

56 100

55 340.8 59.0 88.4#





#16

Acetone

Concen: 2.950 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057453.D

Acq: 23 Aug 2019 00:14

Instrument :

MSVOA_N

ClientSampled :

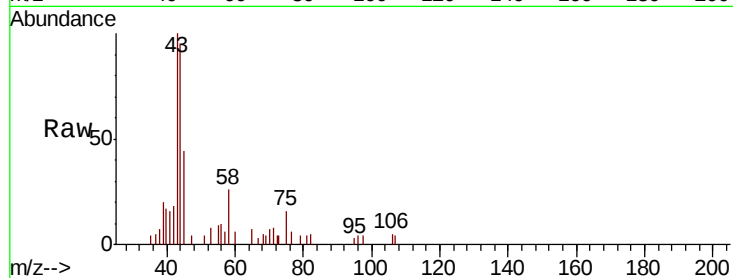
T1-J-(2.5)

Tgt Ion: 43 Resp: 9723

Ion Ratio Lower Upper

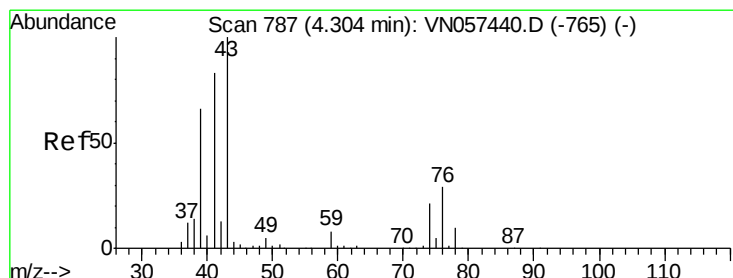
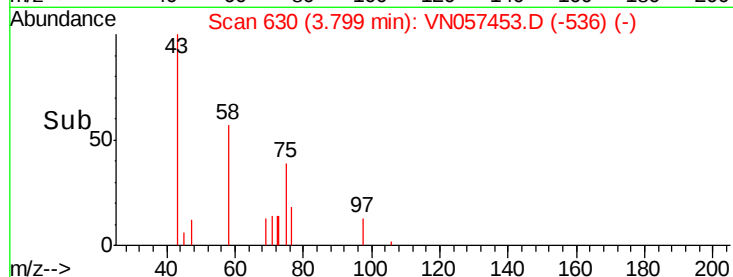
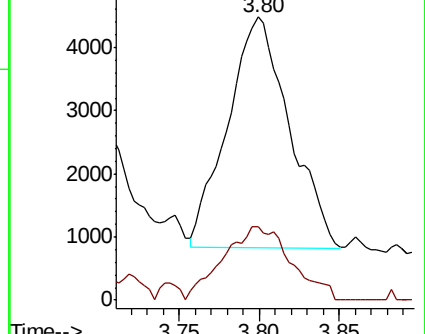
43 100

58 31.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 1.062 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN057453.D

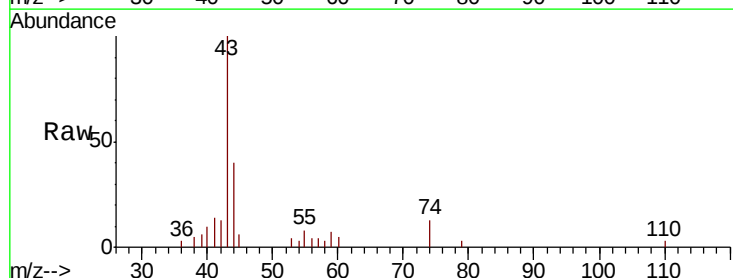
Acq: 23 Aug 2019 00:14

Tgt Ion: 43 Resp: 14194

Ion Ratio Lower Upper

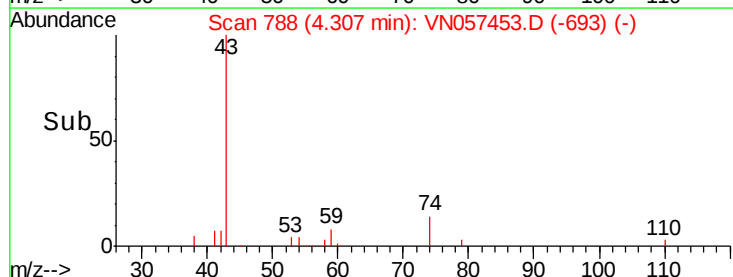
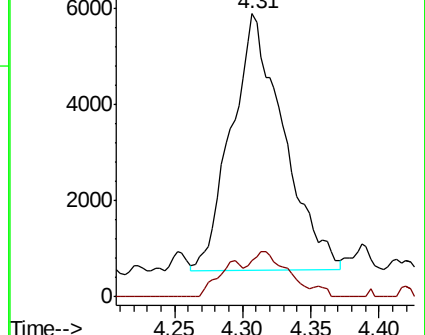
43 100

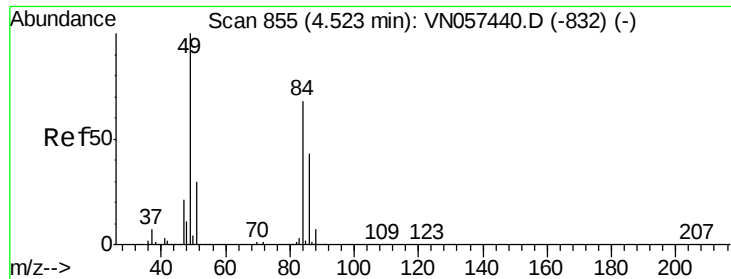
74 9.0 15.9 23.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

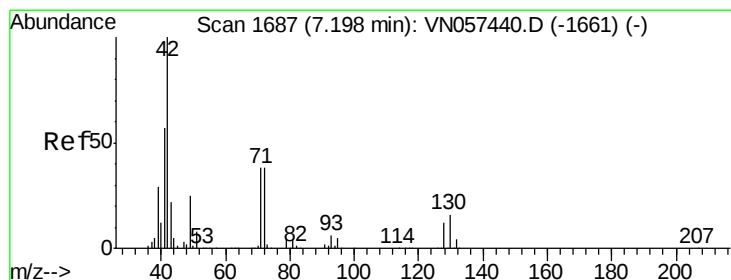
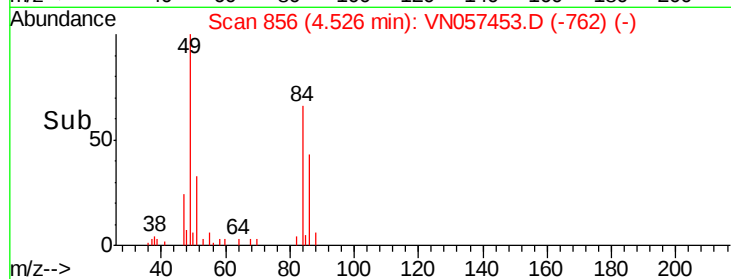
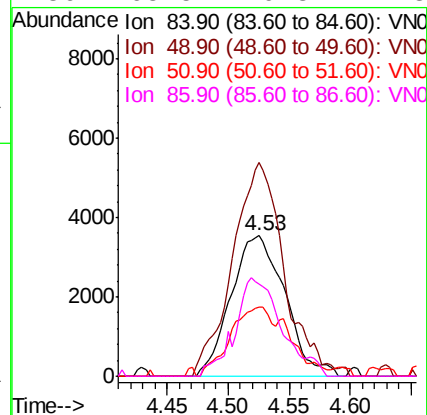
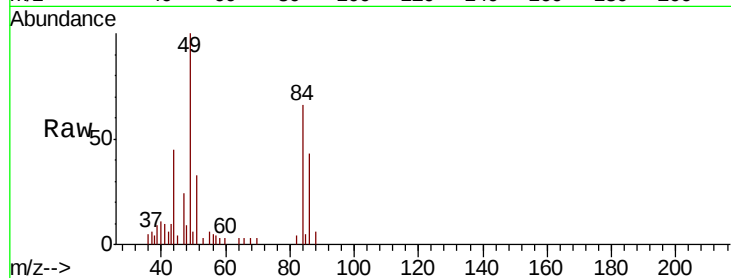




#20
Methylene Chloride
Concen: 2.152 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN057453.D
Acq: 23 Aug 2019 00:14

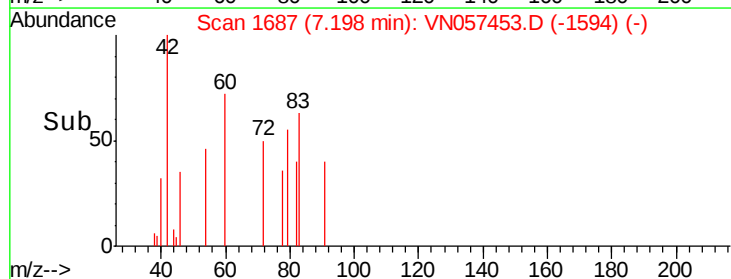
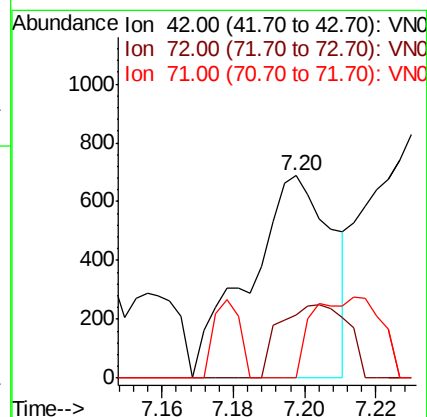
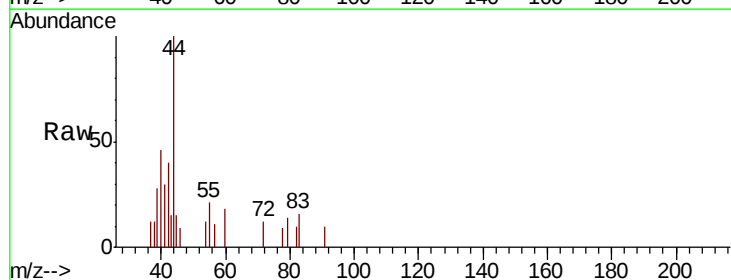
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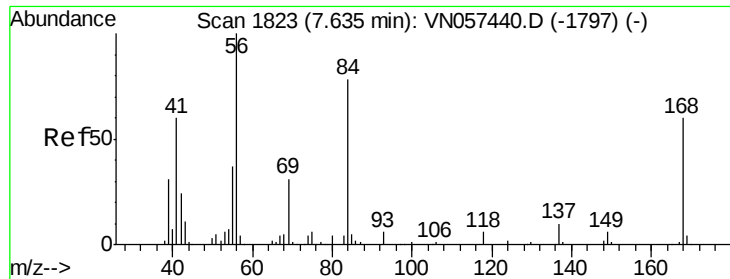
Tgt Ion:	84	Resp:	10867
Ion	Ratio	Lower	Upper
84	100		
49	152.1	117.0	175.4
51	43.6	35.5	53.3
86	65.5	49.8	74.8



#29
Tetrahydrofuran
Concen: 0.470 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN057453.D
Acq: 23 Aug 2019 00:14

Tgt Ion:	42	Resp:	1108
Ion	Ratio	Lower	Upper
42	100		
72	29.6	30.1	45.1#
71	32.4	28.8	43.2

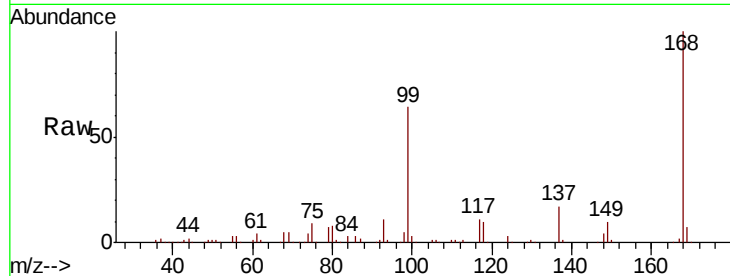




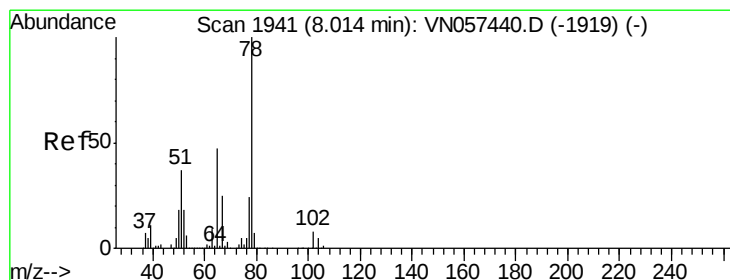
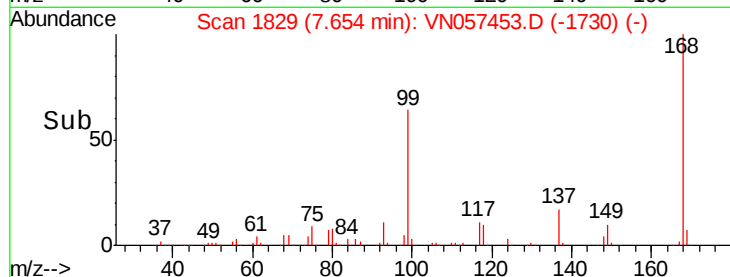
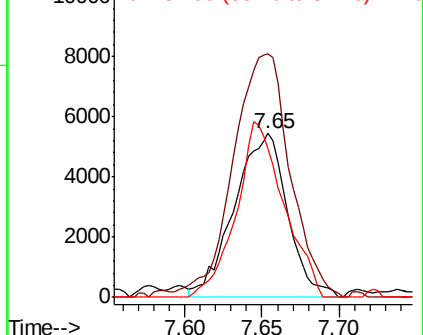
#31
Cyclohexane
Concen: 1.292 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.02 min
Lab File: VN057453.D
Acq: 23 Aug 2019 00:14

Instrument :
MSVOA_N
ClientSampled :
T1-J-(2.5)

Tgt Ion: 56 Resp: 13030
Ion Ratio Lower Upper
56 100
69 145.4 25.0 37.6#
84 91.0 62.5 93.7

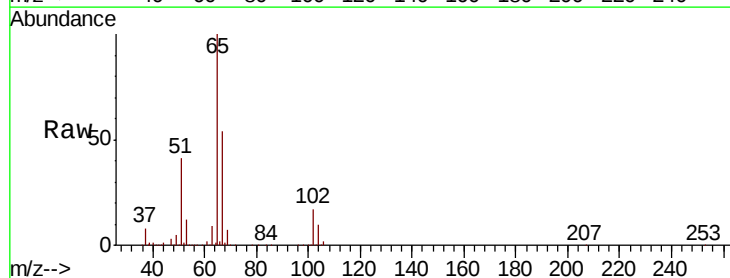


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

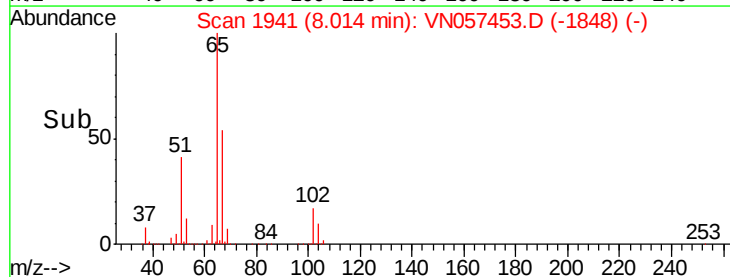
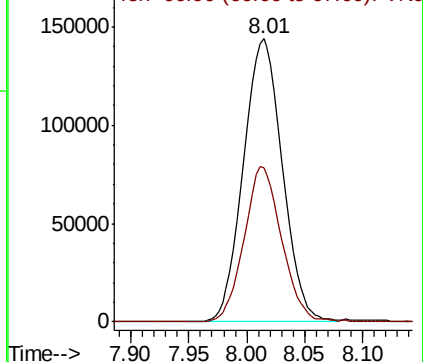


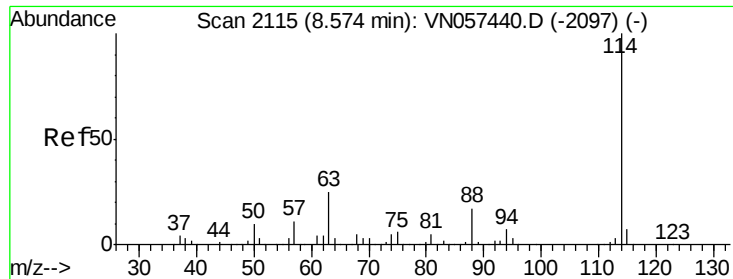
#33
1,2-Dichloroethane-d4
Concen: 47.138 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057453.D
Acq: 23 Aug 2019 00:14

Tgt Ion: 65 Resp: 338302
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.8



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

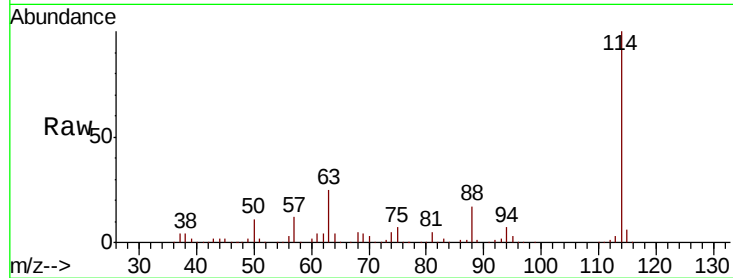




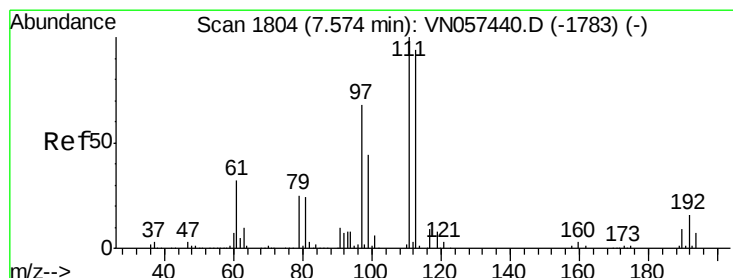
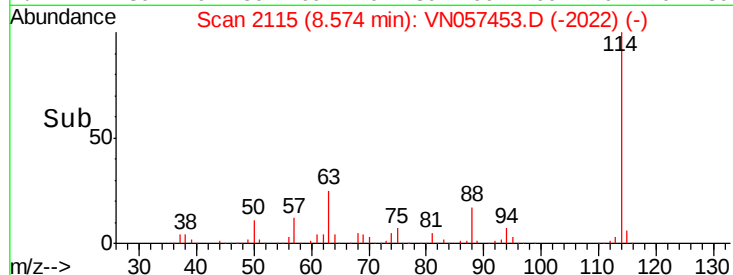
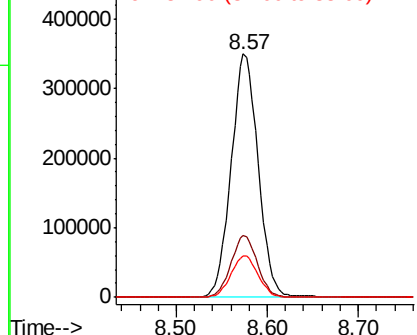
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN057453.D
Acq: 23 Aug 2019 00:14

Instrument :
MSVOA_N
ClientSampleId :
T1-J-(2.5)

Tgt Ion:114 Resp: 720708
Ion Ratio Lower Upper
114 100
63 25.3 0.0 50.2
88 17.0 0.0 34.6

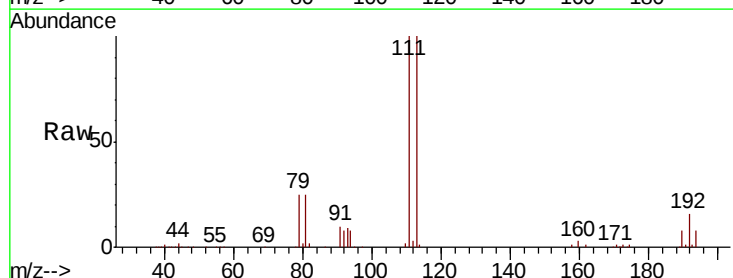


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

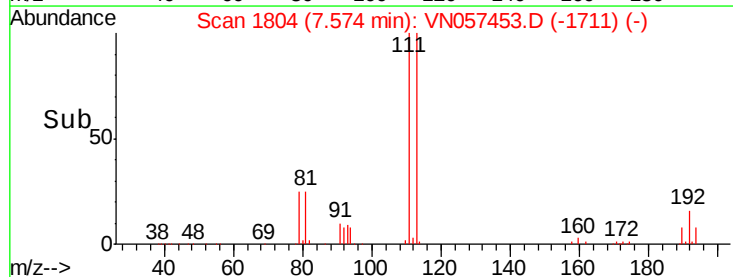
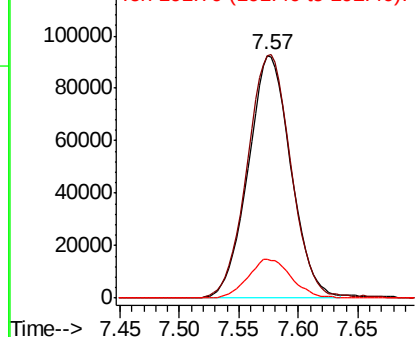


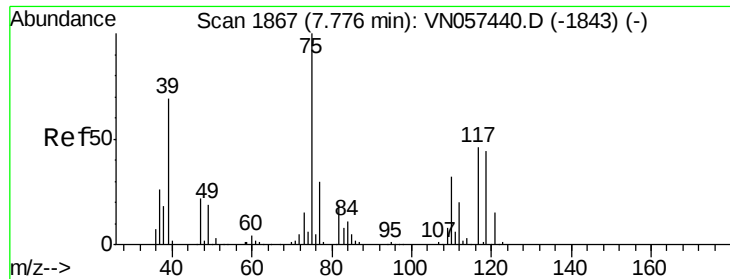
#35
Dibromofluoromethane
Concen: 47.122 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN057453.D
Acq: 23 Aug 2019 00:14

Tgt Ion:113 Resp: 229394
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 16.4 13.5 20.3



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

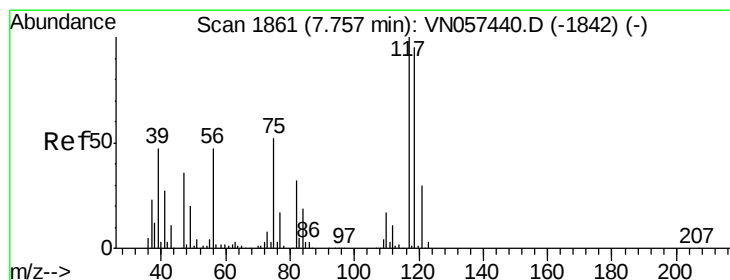
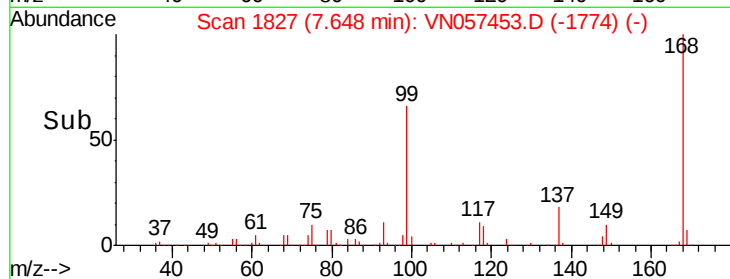
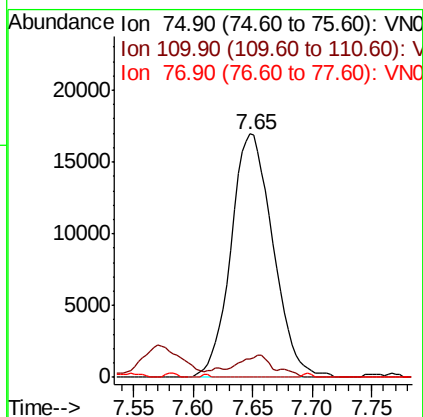
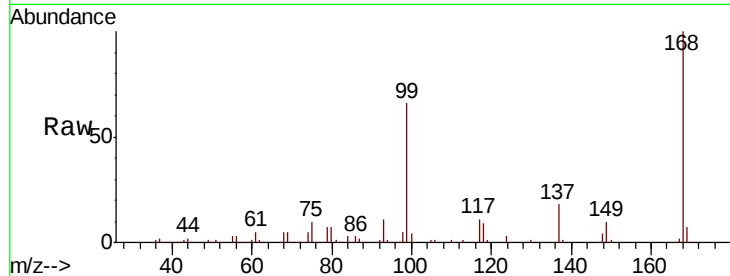




#36
 1,1-Dichloropropene
 Concen: 5.624 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN057453.D
 Acq: 23 Aug 2019 00:14

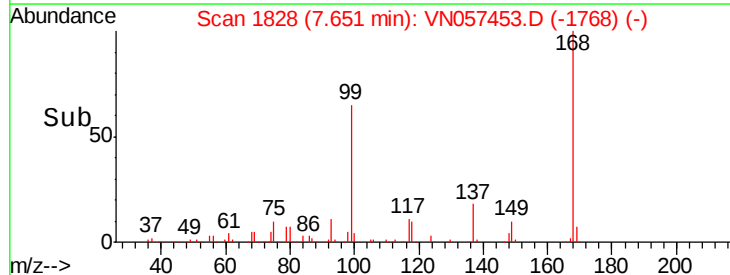
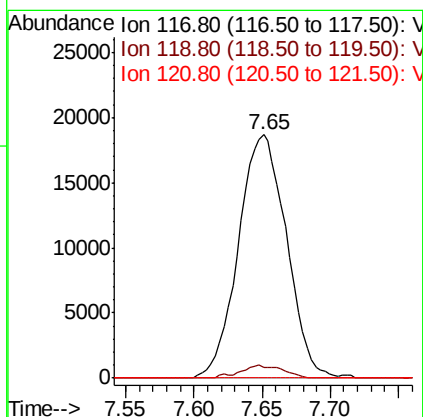
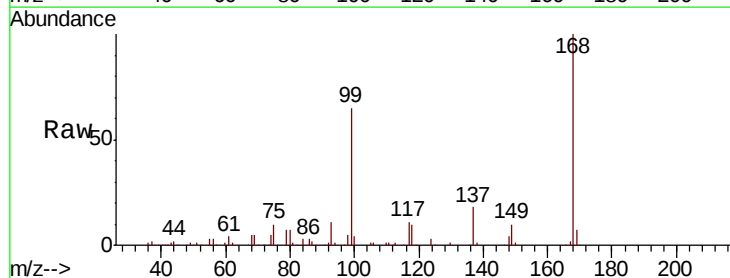
Instrument :
 MSVOA_N
 ClientSampled :
 T1-J-(2.5)

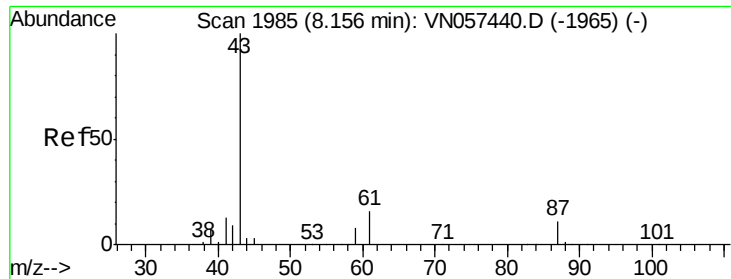
Tgt Ion: 75 Resp: 41420
 Ion Ratio Lower Upper
 75 100
 110 7.6 16.1 48.3#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.233 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN057453.D
 Acq: 23 Aug 2019 00:14

Tgt Ion: 117 Resp: 45603
 Ion Ratio Lower Upper
 117 100
 119 4.6 76.2 114.4#
 121 0.0 23.8 35.6#

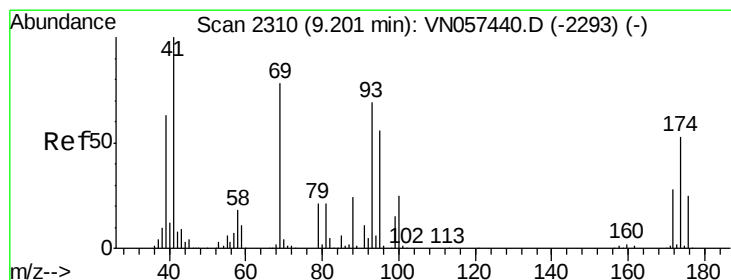
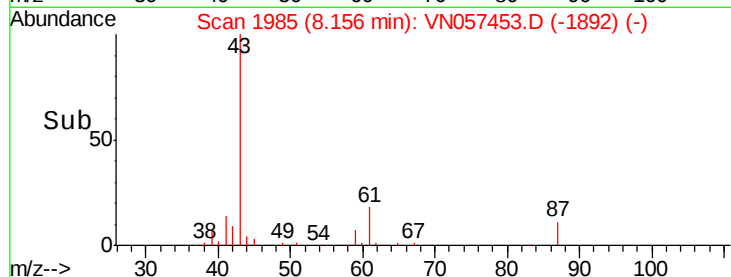
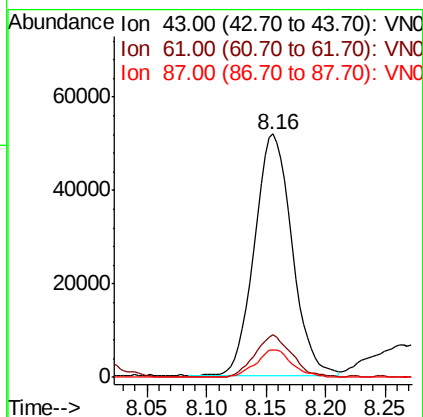
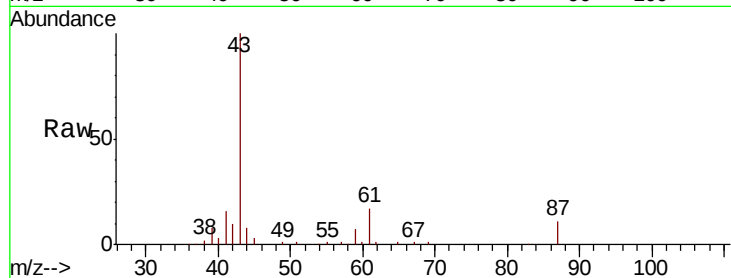




#43
Isopropyl Acetate
Concen: 8.511 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN057453.D
Acq: 23 Aug 2019 00:14

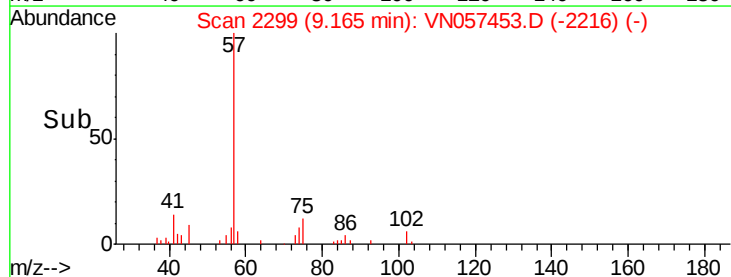
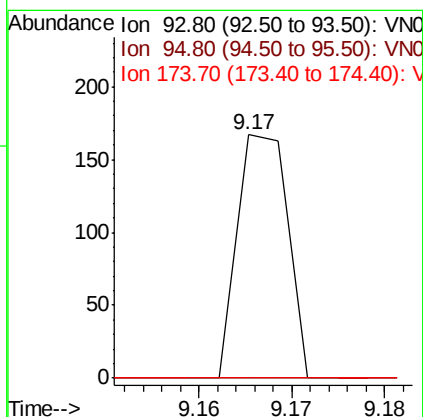
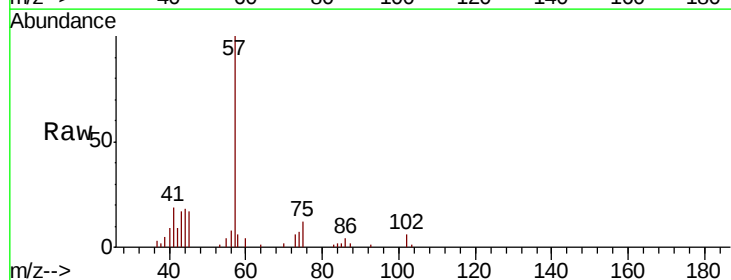
Instrument :
MSVOA_N
ClientSampleId :
T1-J-(2.5)

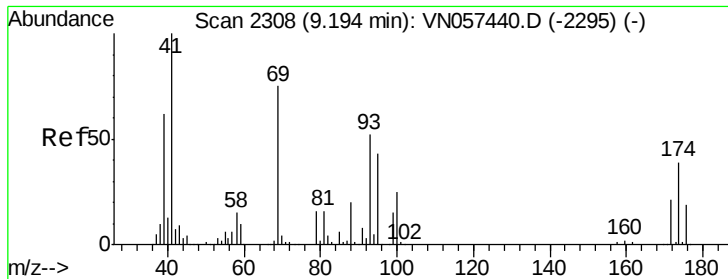
Tgt Ion: 43 Resp: 113568
Ion Ratio Lower Upper
43 100
61 17.3 14.5 21.7
87 10.9 8.6 12.8



#46
Dibromomethane
Concen: Below Cal
RT: 9.17 min Scan# 2299
Delta R.T. -0.03 min
Lab File: VN057453.D
Acq: 23 Aug 2019 00:14

Tgt Ion: 93 Resp: 64
Ion Ratio Lower Upper
93 100
95 0.0 64.7 97.1#
174 0.0 62.3 93.5#

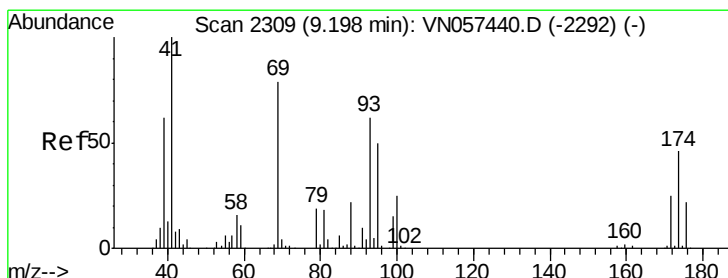
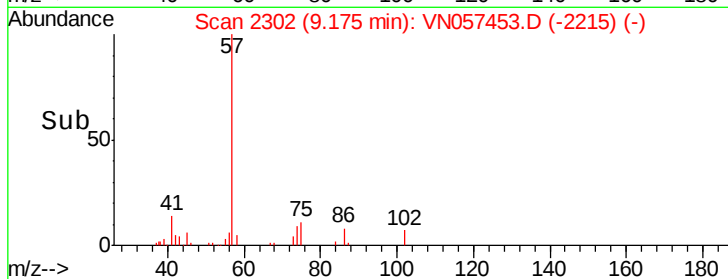
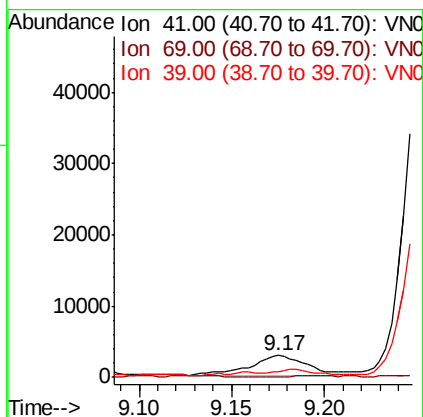
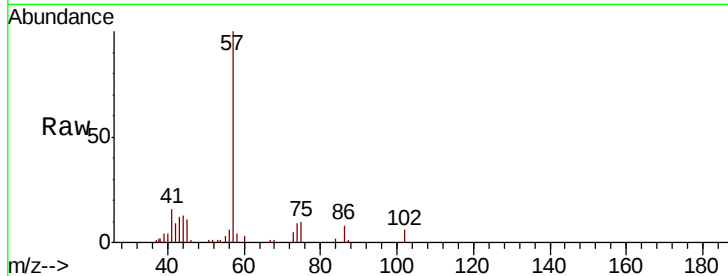




#48
Methyl methacrylate
Concen: 0.908 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN057453.D
Acq: 23 Aug 2019 00:14

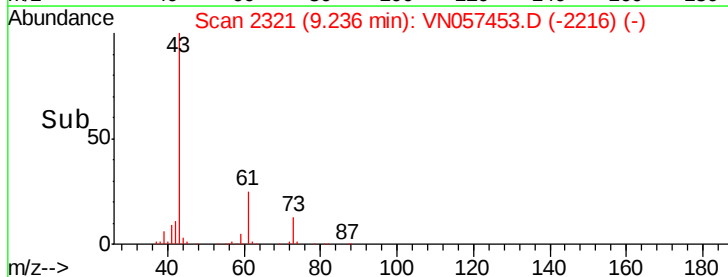
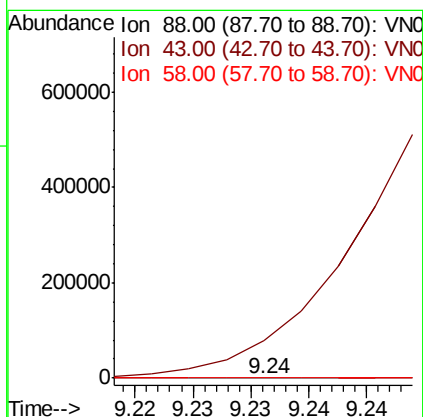
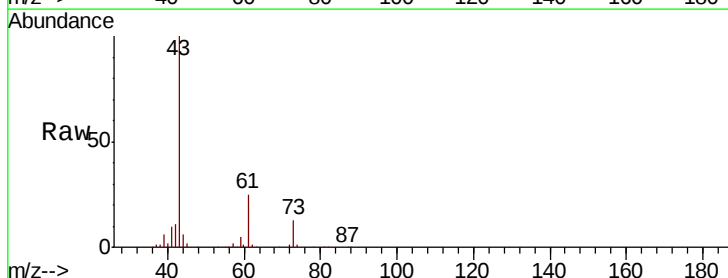
Instrument :
MSVOA_N
ClientSampled :
T1-J-(2.5)

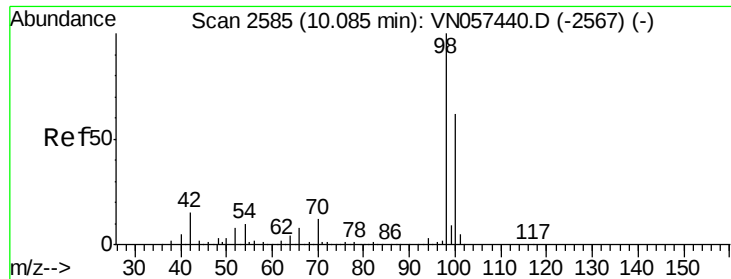
Tgt Ion: 41 Resp: 5758
Ion Ratio Lower Upper
41 100
69 4.1 59.3 88.9#
39 0.0 50.6 75.8#



#49
1,4-Dioxane
Concen: 0.427 ug/l
RT: 9.24 min Scan# 2321
Delta R.T. 0.04 min
Lab File: VN057453.D
Acq: 23 Aug 2019 00:14

Tgt Ion: 88 Resp: 35
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.6#
58 754.3 64.5 96.7#





#50

Toluene-d8

Concen: 49.179 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057453.D

Acq: 23 Aug 2019 00:14

Instrument :

MSVOA_N

ClientSampled :

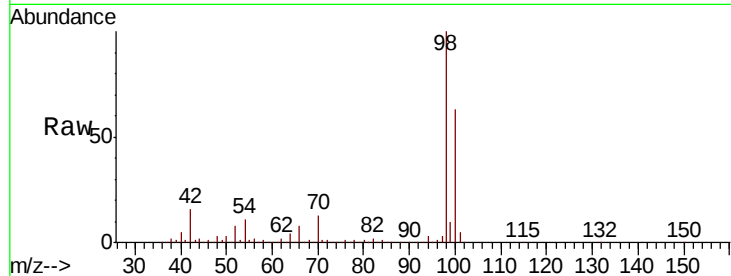
T1-J-(2.5)

Tgt Ion: 98 Resp: 905249

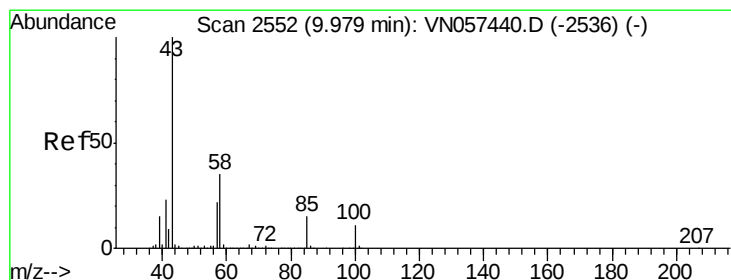
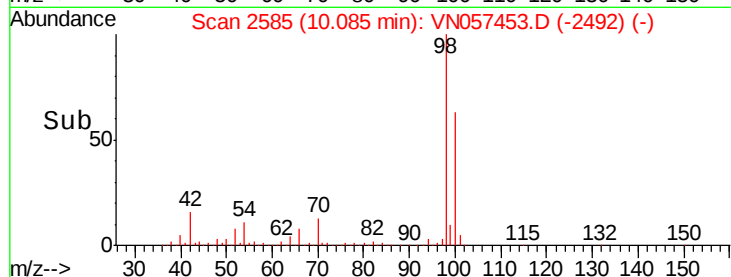
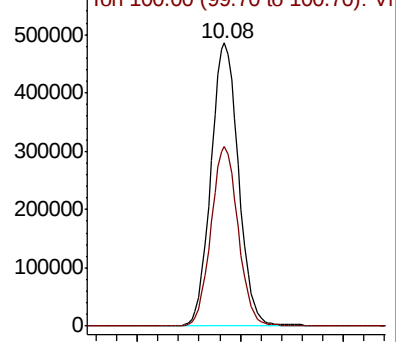
Ion Ratio Lower Upper

98 100

100 62.3 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN057440.D (-2567) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.034 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN057453.D

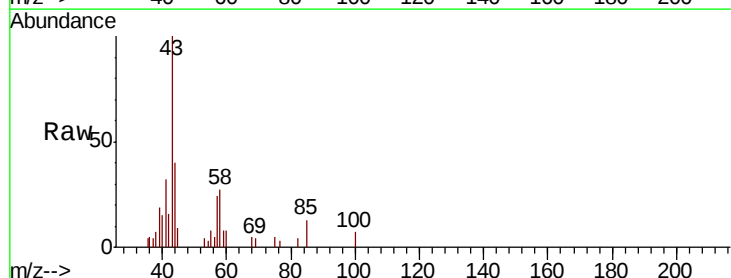
Acq: 23 Aug 2019 00:14

Tgt Ion: 43 Resp: 7690

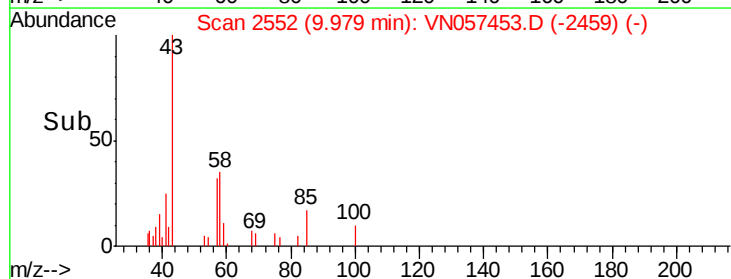
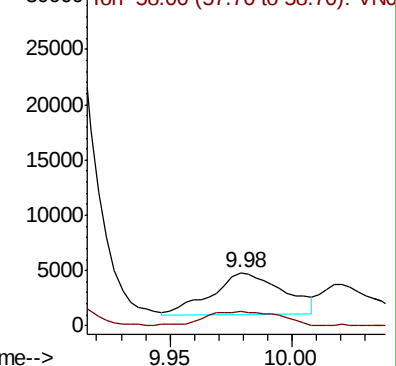
Ion Ratio Lower Upper

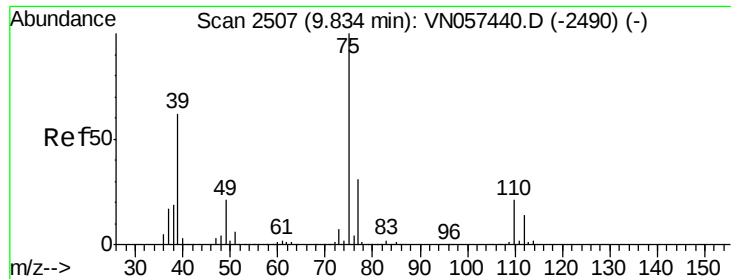
43 100

58 37.1 27.9 41.9



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-2536) (-)





#54

cis-1,3-Dichloropropene

Concen: 4.704 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN057453.D

Acq: 23 Aug 2019 00:14

Instrument :

MSVOA_N

ClientSampleId :

T1-J-(2.5)

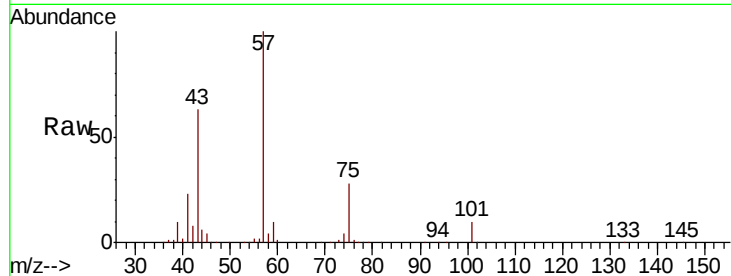
Tgt Ion: 75 Resp: 45052

Ion Ratio Lower Upper

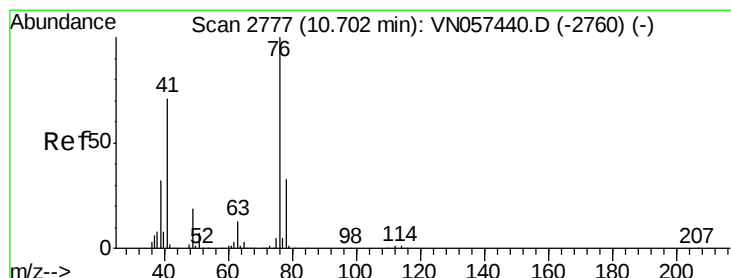
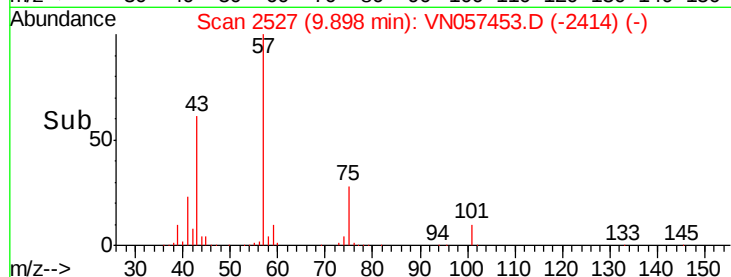
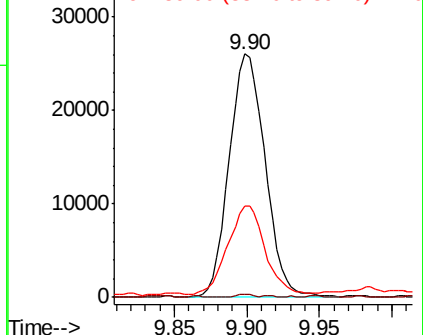
75 100

77 1.2 25.0 37.6#

39 36.2 49.2 73.8#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 76.90 (76.60 to 77.60): VNO
Ion 39.00 (38.70 to 39.70): VNO



#57

1,3-Dichloropropane

Concen: 0.727 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.05 min

Lab File: VN057453.D

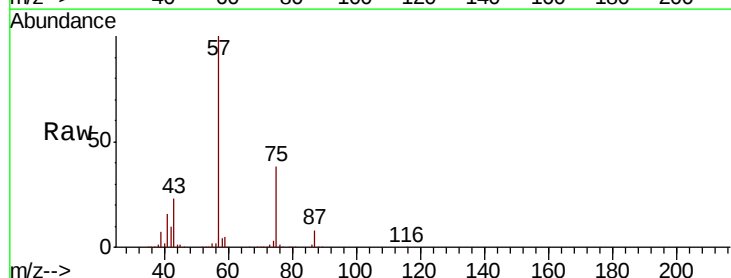
Acq: 23 Aug 2019 00:14

Tgt Ion: 76 Resp: 6519

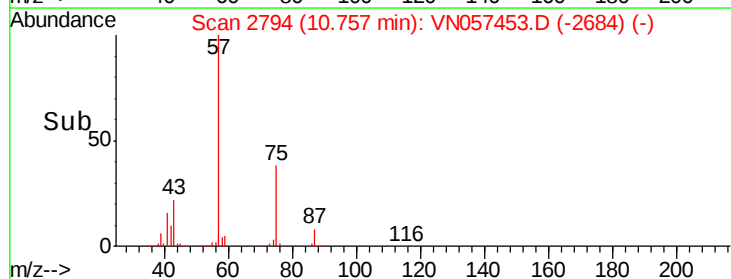
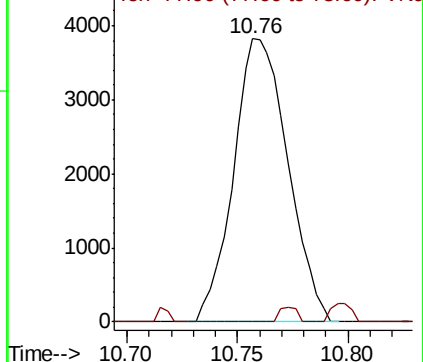
Ion Ratio Lower Upper

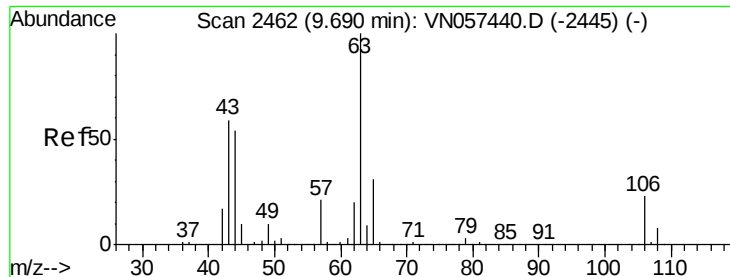
76 100

78 1.6 25.5 38.3#



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

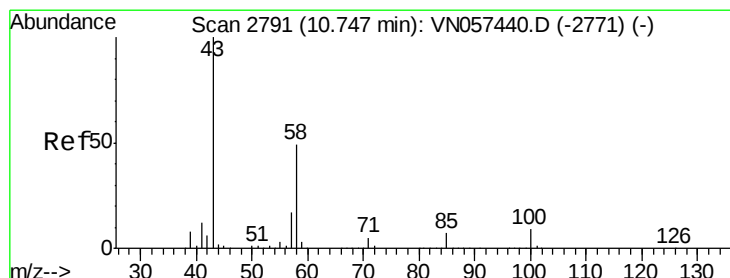
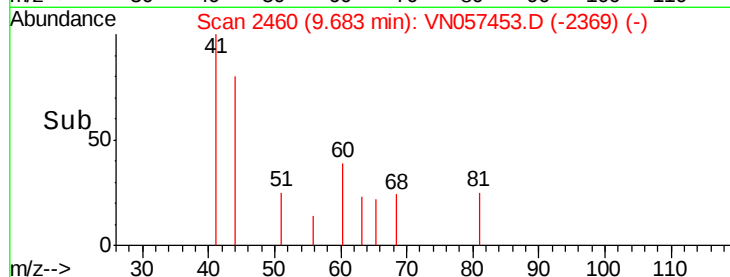
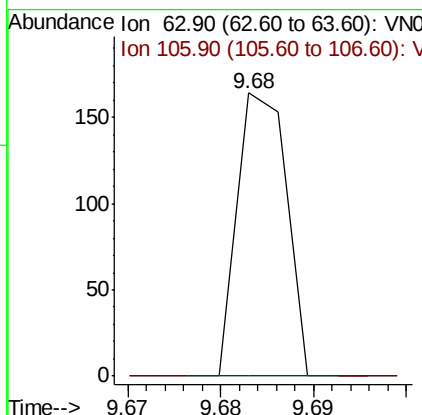
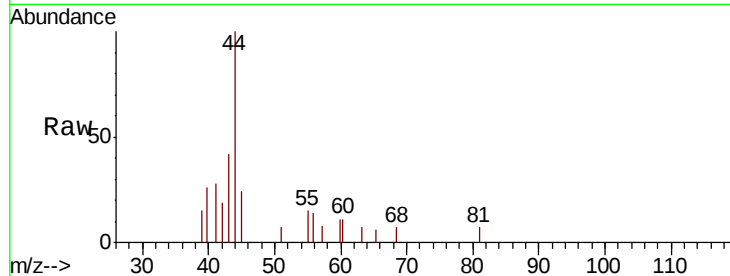




#58
2-Chloroethyl Vinyl ether
Concen: 17.090 ug/l
RT: 9.68 min Scan# 2460
Delta R.T. -0.01 min
Lab File: VN057453.D
Acq: 23 Aug 2019 00:14

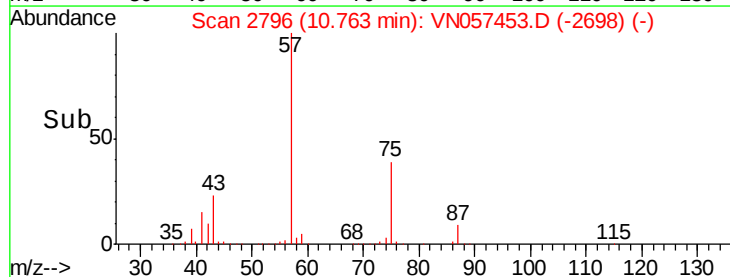
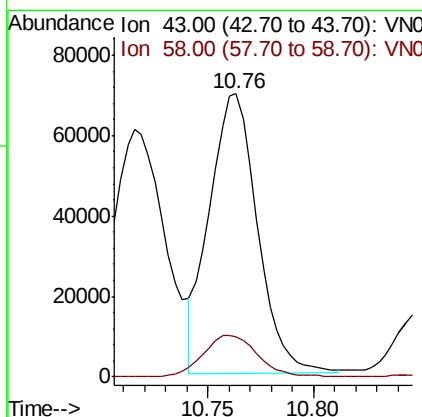
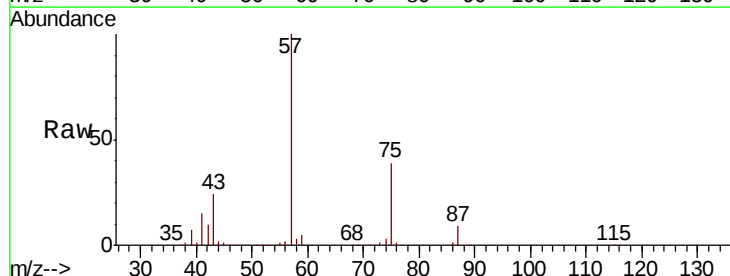
Instrument :
MSVOA_N
ClientSampleId :
T1-J-(2.5)

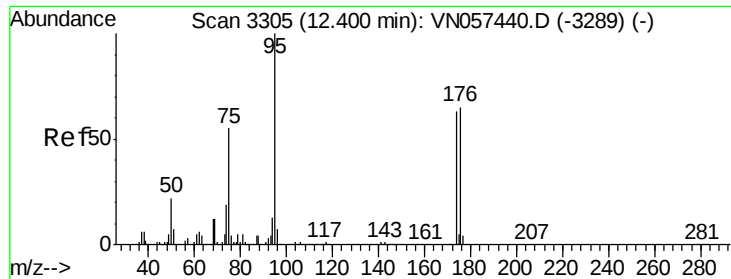
Tgt Ion: 63 Resp: 61
Ion Ratio Lower Upper
63 100
106 0.0 18.6 27.8#



#59
2-Hexanone
Concen: 21.625 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.02 min
Lab File: VN057453.D
Acq: 23 Aug 2019 00:14

Tgt Ion: 43 Resp: 110294
Ion Ratio Lower Upper
43 100
58 17.1 24.6 73.6#

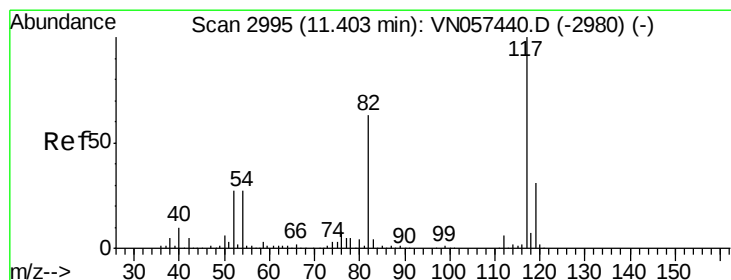
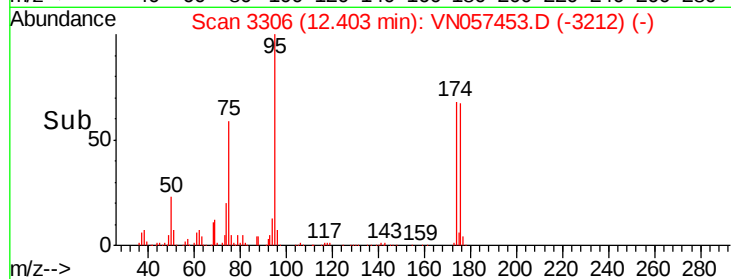
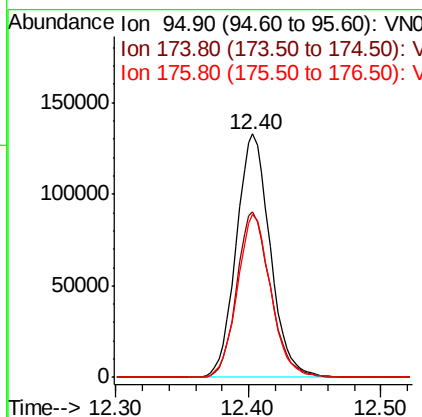
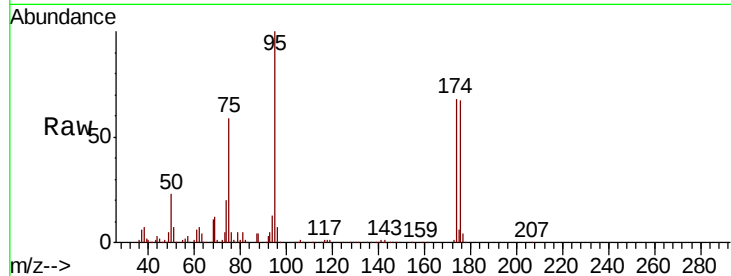




#62
4-Bromofluorobenzene
Concen: 37.797 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057453.D
Acq: 23 Aug 2019 00:14

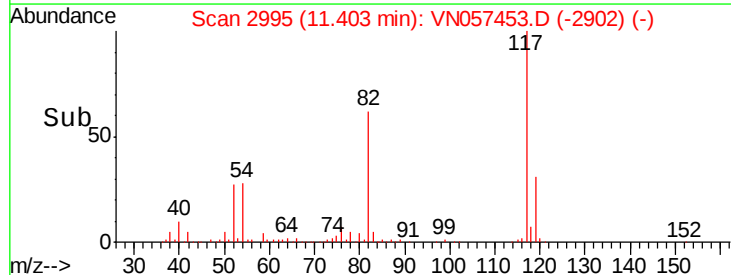
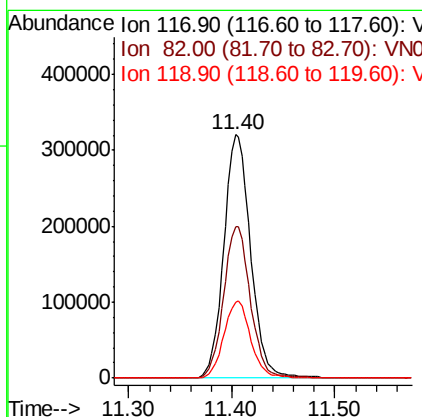
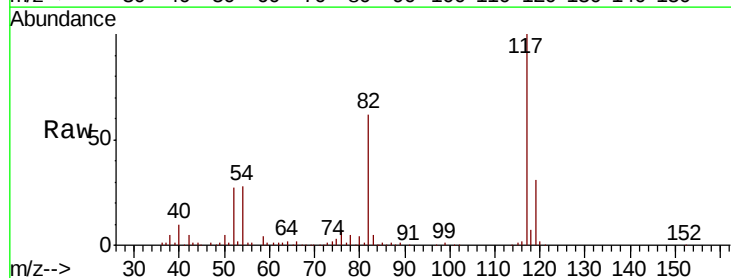
Instrument :
MSVOA_N
ClientSampleId :
T1-J-(2.5)

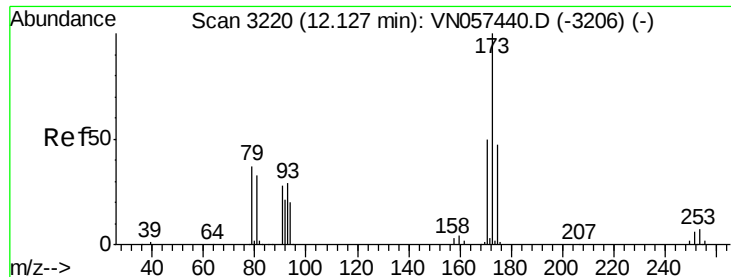
Tgt Ion: 95 Resp: 235775
Ion Ratio Lower Upper
95 100
174 67.8 0.0 133.0
176 66.1 0.0 130.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN057453.D
Acq: 23 Aug 2019 00:14

Tgt Ion: 117 Resp: 580823
Ion Ratio Lower Upper
117 100
82 62.5 50.6 75.8
119 31.2 24.6 36.8

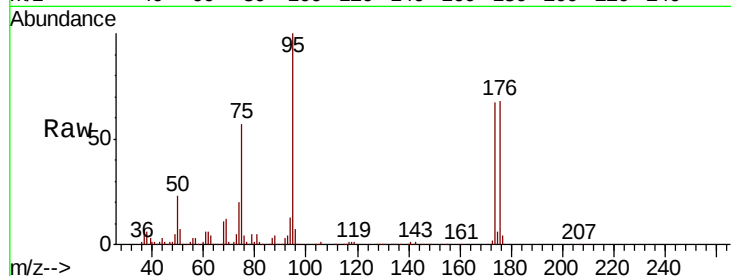




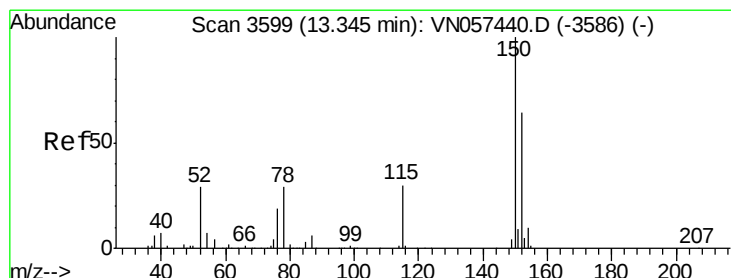
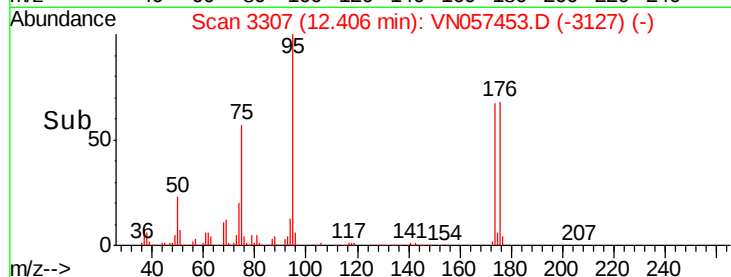
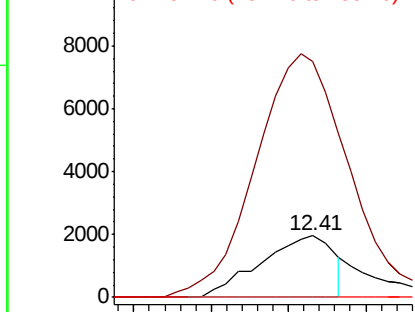
#71
Bromoform
Concen: 0.848 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN057453.D
Acq: 23 Aug 2019 00:14

Instrument :
MSVOA_N
ClientSampleId :
T1-J-(2.5)

Tgt Ion:173 Resp: 2581
Ion Ratio Lower Upper
173 100
175 413.9 23.9 71.8#
254 0.0 0.1 0.1#

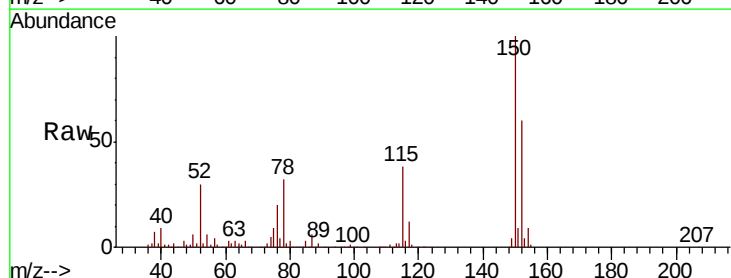


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

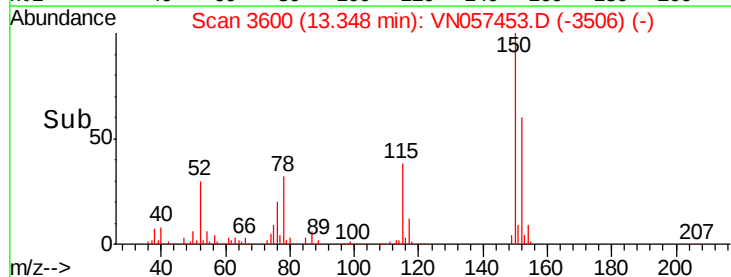
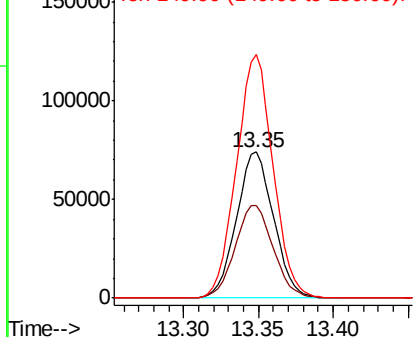


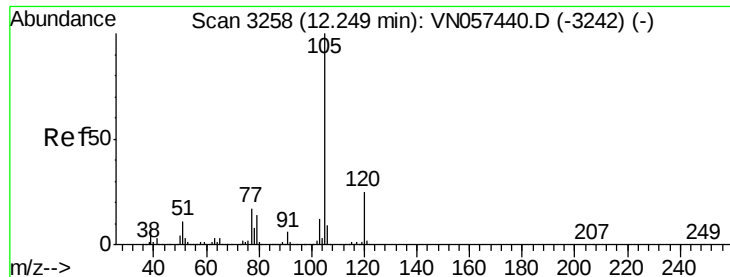
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057453.D
Acq: 23 Aug 2019 00:14

Tgt Ion:152 Resp: 127651
Ion Ratio Lower Upper
152 100
115 65.1 32.0 96.0
150 164.5 0.0 346.6



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# 3257

Delta R.T. -0.00 min

Lab File: VN057453.D

Acq: 23 Aug 2019 00:14

Instrument :

MSVOA_N

ClientSampleId :

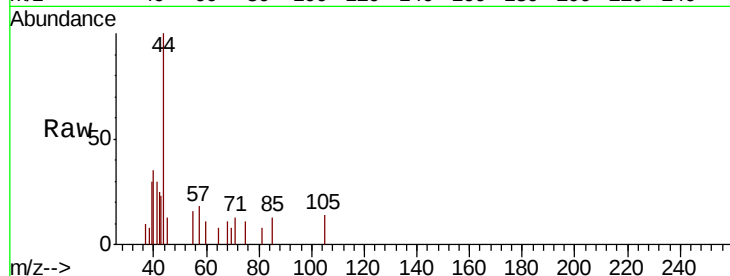
T1-J-(2.5)

Tgt Ion:105 Resp: 216

Ion Ratio Lower Upper

105 100

120 62.0 12.7 38.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

300

200

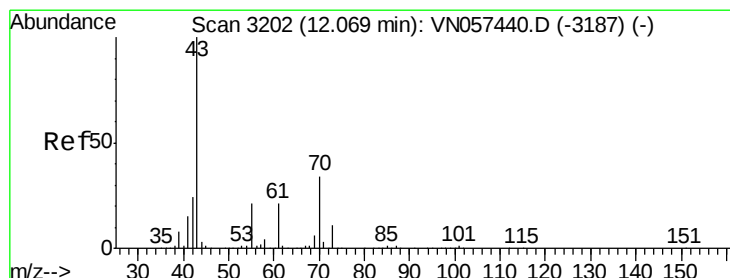
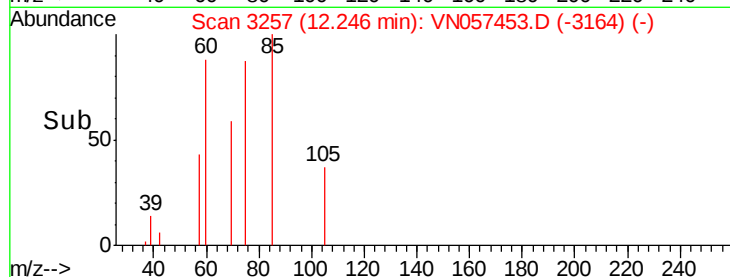
100

0

Time--> 12.22

12.24

12.26



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.06 min Scan# 3198

Delta R.T. -0.01 min

Lab File: VN057453.D

Acq: 23 Aug 2019 00:14

Tgt Ion: 43 Resp: 1594

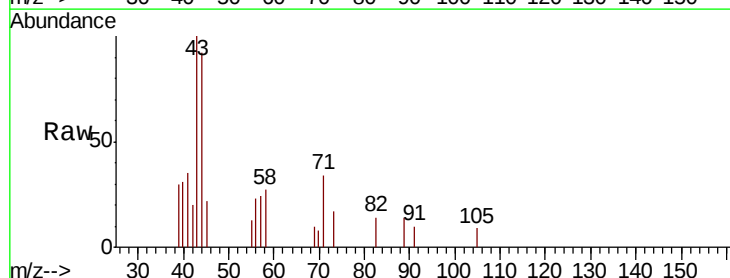
Ion Ratio Lower Upper

43 100

70 1.9 27.8 41.6#

55 3.8 17.0 25.4#

61 0.0 17.0 25.6#



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

4000

3000

2000

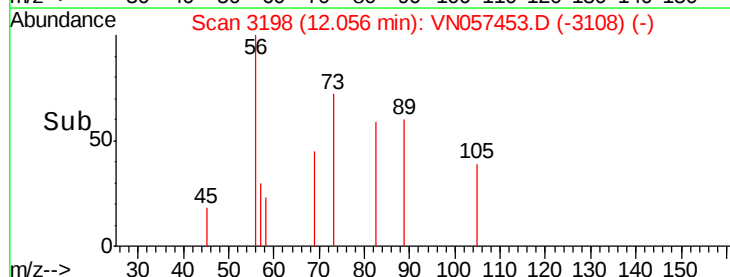
1000

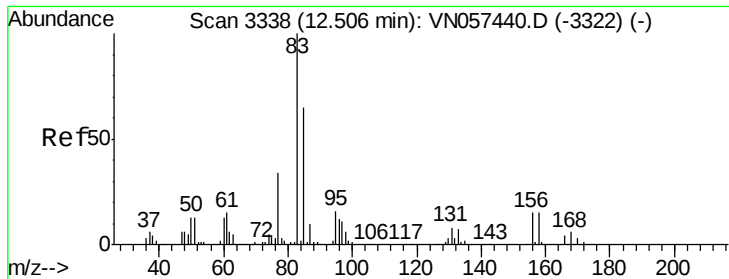
0

Time--> 12.04

12.06

12.08





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.49 min Scan# 3334

Delta R.T. -0.01 min

Lab File: VN057453.D

Acq: 23 Aug 2019 00:14

Instrument :

MSVOA_N

ClientSampleId :

T1-J-(2.5)

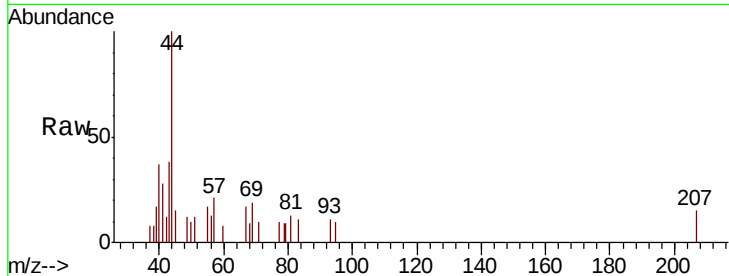
Tgt Ion: 83 Resp: 111

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

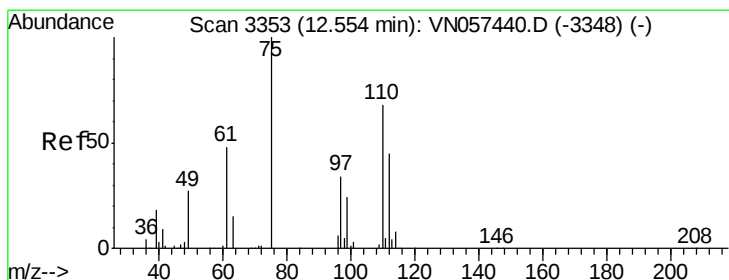
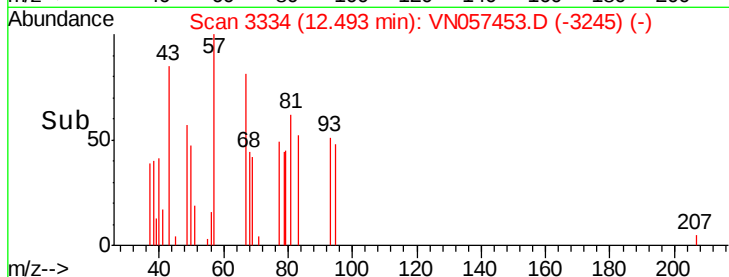
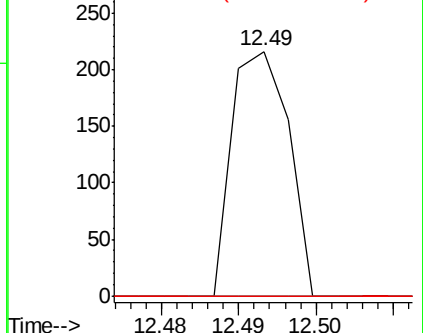
85 0.0 32.3 96.8#



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: 47.788 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057453.D

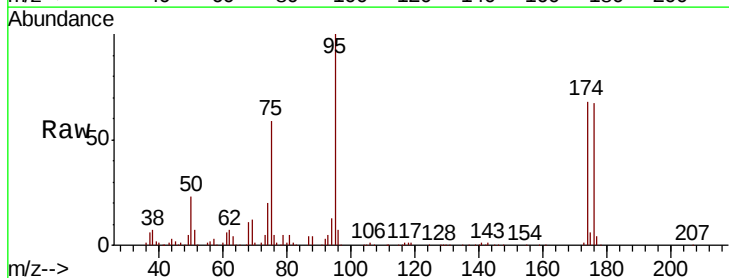
Acq: 23 Aug 2019 00:14

Tgt Ion: 75 Resp: 135491

Ion Ratio Lower Upper

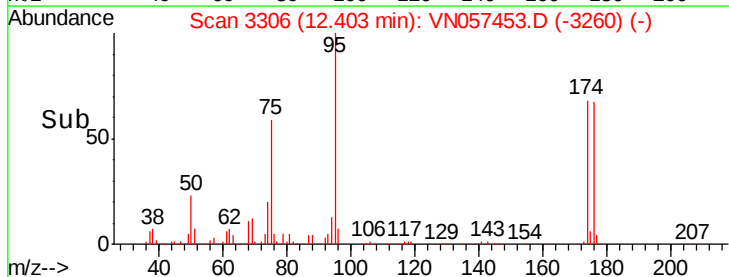
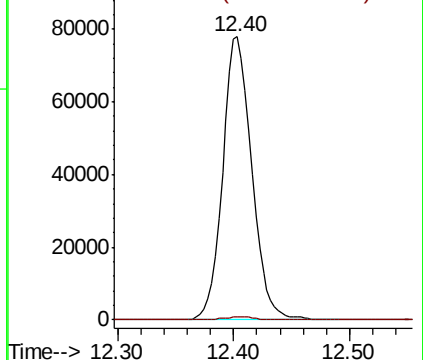
75 100

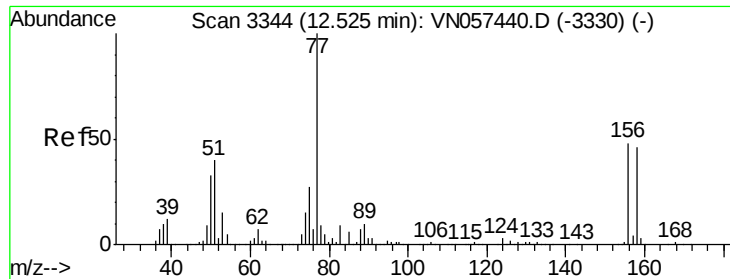
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057453.D

Acq: 23 Aug 2019 00:14

Instrument :

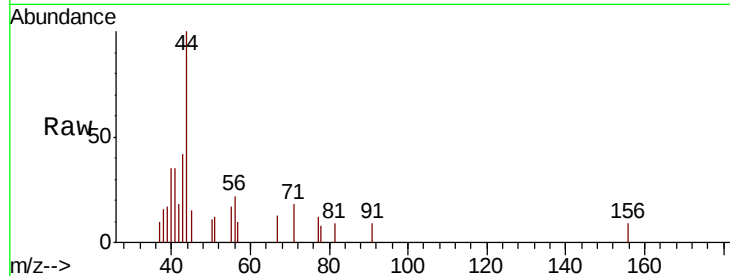
MSVOA_N

ClientSampled :

T1-J-(2.5)

Tgt Ion: 156 Resp: 30

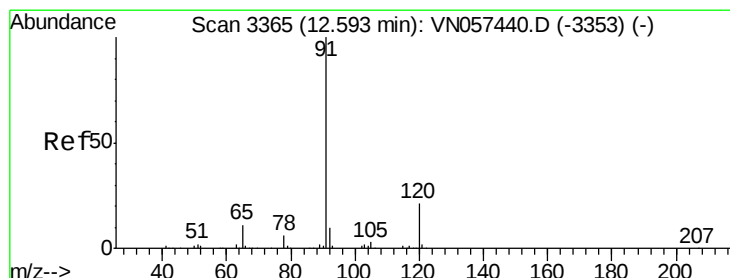
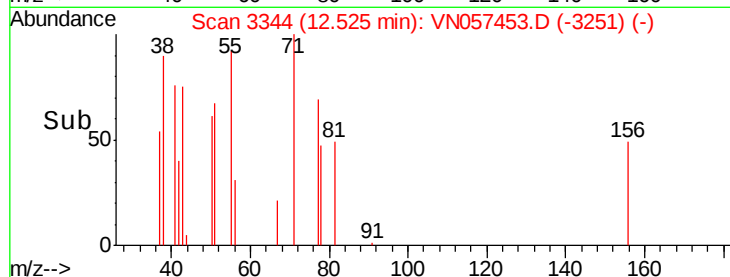
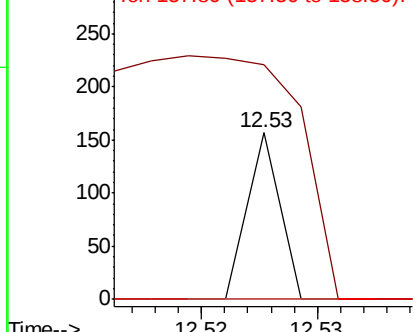
Ion	Ratio	Lower	Upper
156	100		
77	940.0	124.4	373.3#
158	0.0	48.3	144.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: Below Cal

RT: 12.59 min Scan# 3365

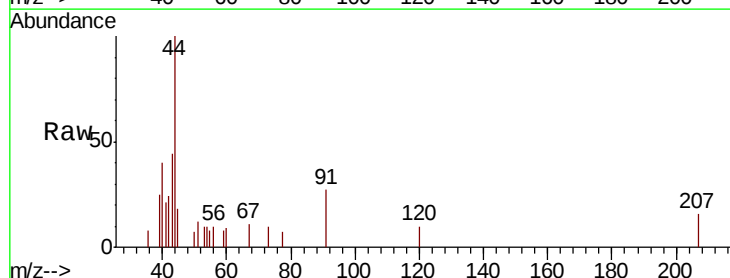
Delta R.T. -0.00 min

Lab File: VN057453.D

Acq: 23 Aug 2019 00:14

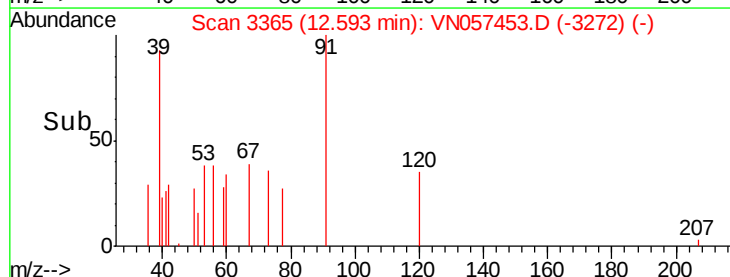
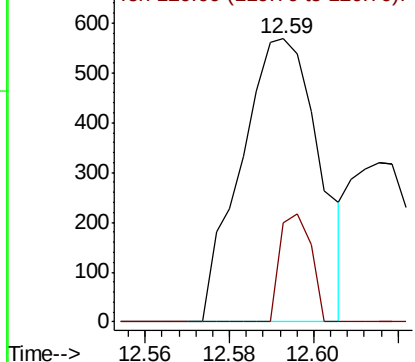
Tgt Ion: 91 Resp: 732

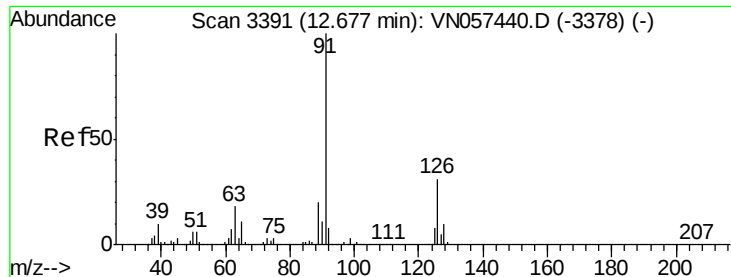
Ion	Ratio	Lower	Upper
91	100		
120	15.0	10.7	32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN057453.D

Acq: 23 Aug 2019 00:14

Instrument :

MSVOA_N

ClientSampled :

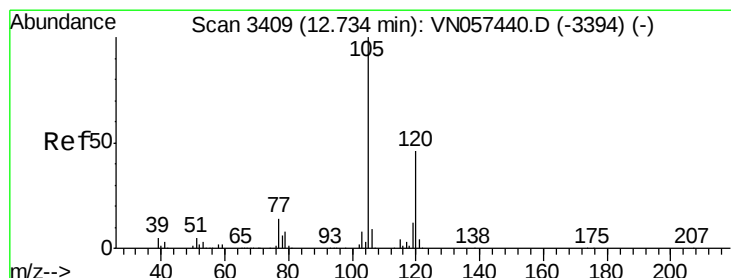
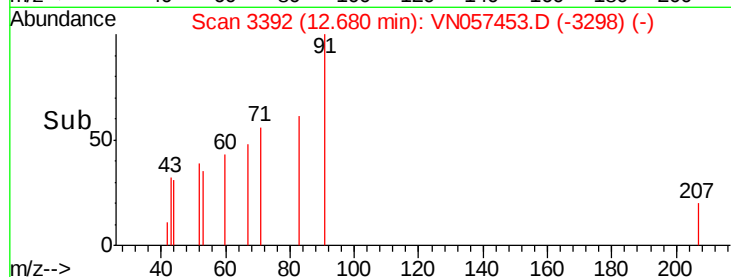
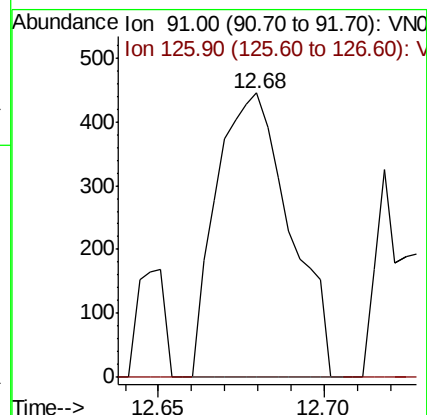
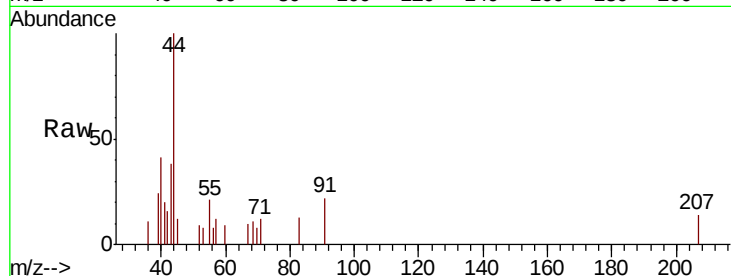
T1-J(2.5)

Tgt Ion: 91 Resp: 686

Ion Ratio Lower Upper

91 100

126 0.0 15.3 45.8#



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057453.D

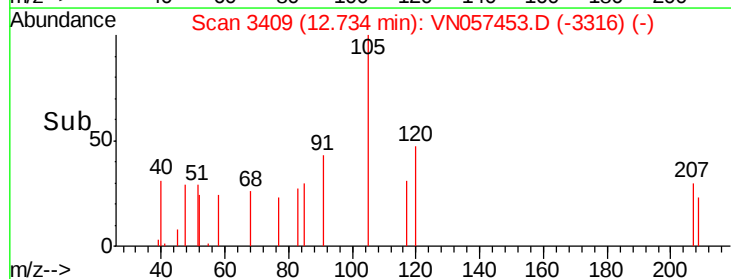
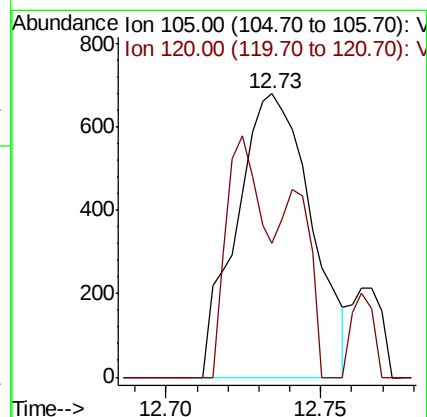
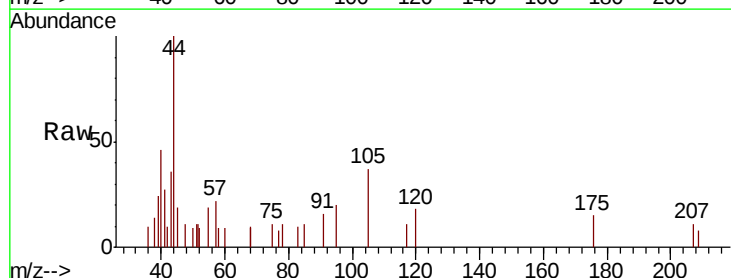
Acq: 23 Aug 2019 00:14

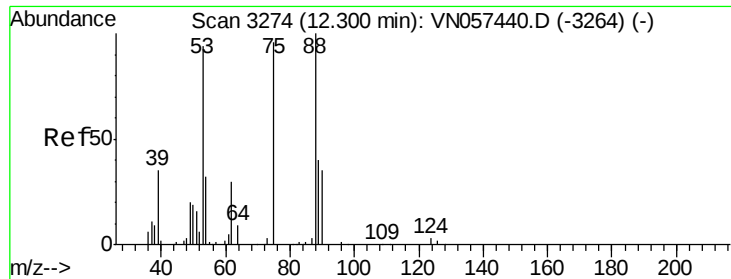
Tgt Ion: 105 Resp: 1135

Ion Ratio Lower Upper

105 100

120 26.5 23.3 69.8





#81

trans-1,4-Dichloro-2-butene

Concen: 122.092 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057453.D

Acq: 23 Aug 2019 00:14

Instrument :

MSVOA_N

ClientSampled :

T1-J-(2.5)

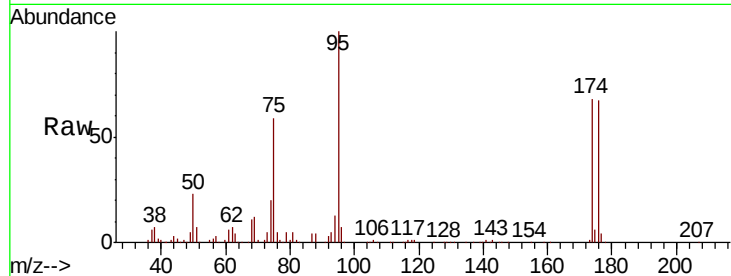
Tgt Ion: 75 Resp: 135491

Ion Ratio Lower Upper

75 100

53 0.0 82.7 124.1#

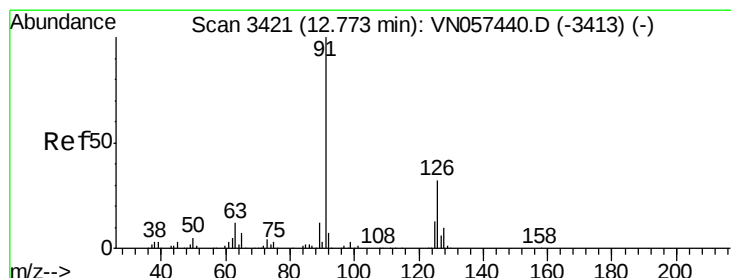
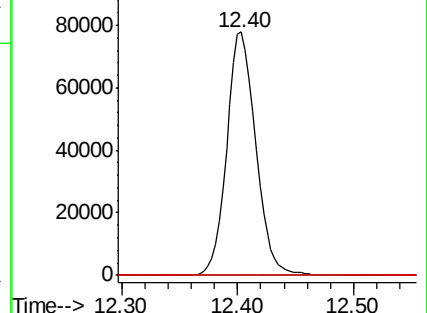
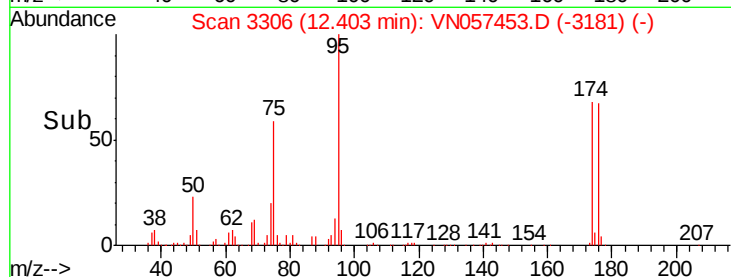
89 0.1 35.8 53.8#



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



#82

4-Chlorotoluene

Concen: Below Cal

RT: 13.00 min Scan# 3491

Delta R.T. 0.22 min

Lab File: VN057453.D

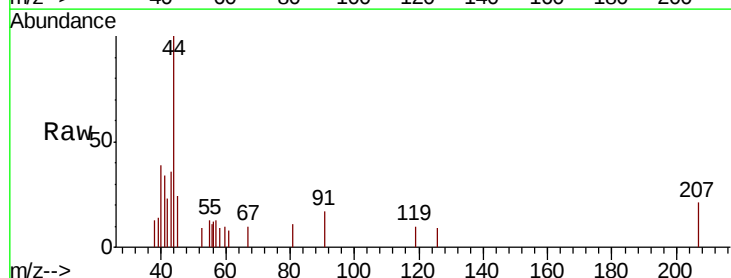
Acq: 23 Aug 2019 00:14

Tgt Ion: 91 Resp: 175

Ion Ratio Lower Upper

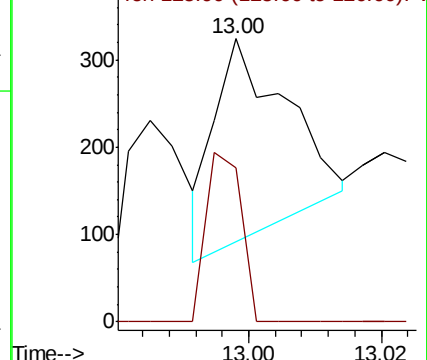
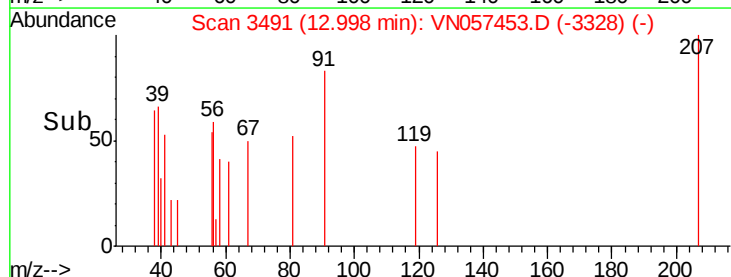
91 100

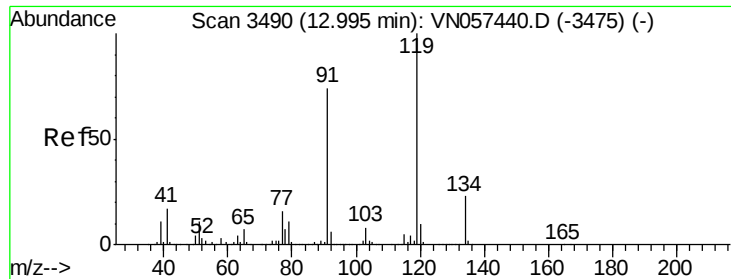
126 40.6 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

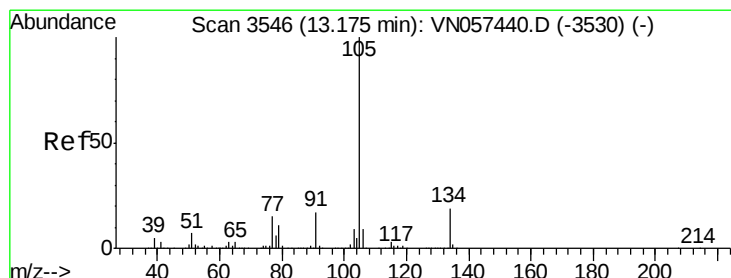
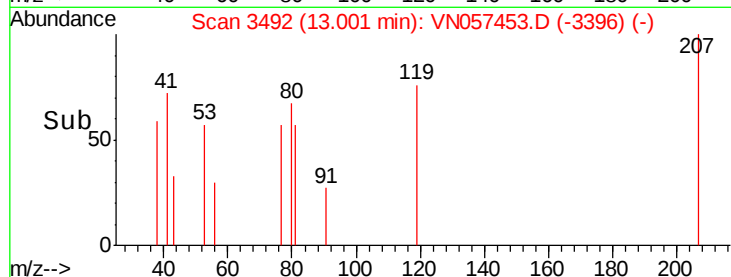
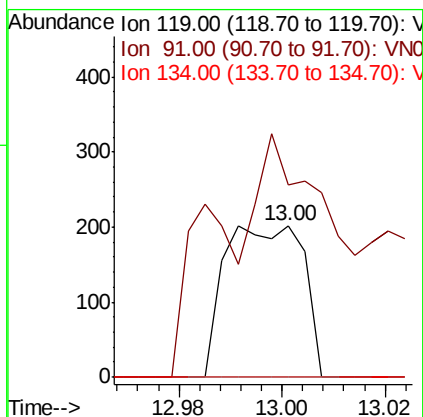
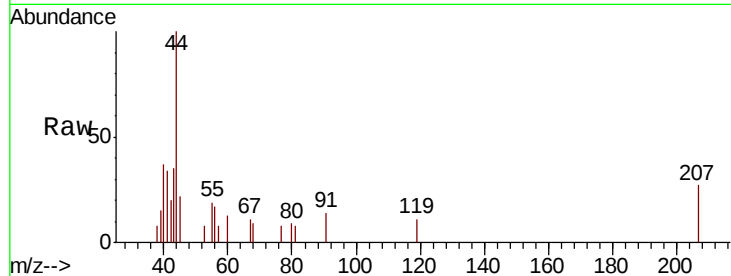




#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.00 min Scan# 3492
Delta R.T. 0.01 min
Lab File: VN057453.D
Acq: 23 Aug 2019 00:14

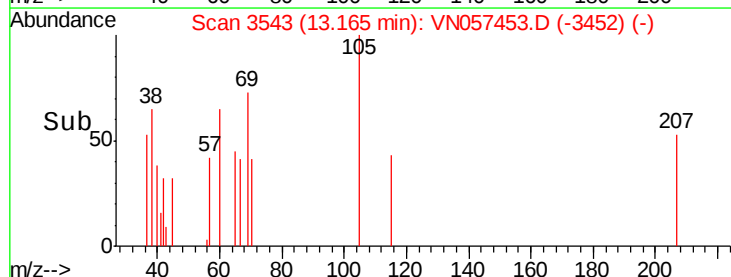
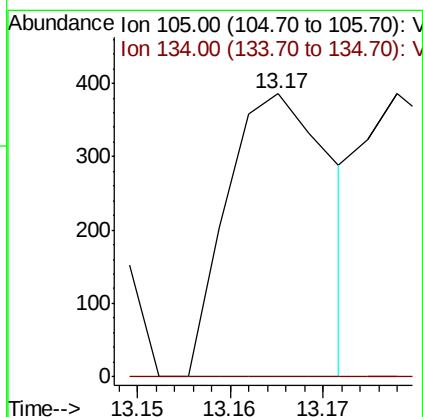
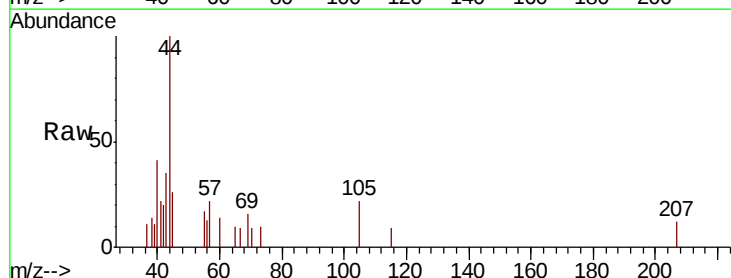
Instrument :
MSVOA_N
ClientSampled :
T1-J-(2.5)

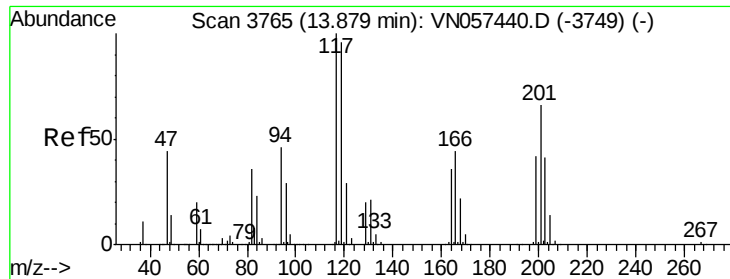
Tgt Ion:119 Resp: 212
Ion Ratio Lower Upper
119 100
91 82.5 37.0 111.0
134 0.0 12.2 36.6#



#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3543
Delta R.T. -0.01 min
Lab File: VN057453.D
Acq: 23 Aug 2019 00:14

Tgt Ion:105 Resp: 302
Ion Ratio Lower Upper
105 100
134 0.0 9.3 27.9#





#90

Hexachloroethane

Concen: Below Cal

RT: 13.73 min Scan# 3719

Delta R.T. -0.15 min

Lab File: VN057453.D

Acq: 23 Aug 2019 00:14

Instrument :

MSVOA_N

ClientSampleId :

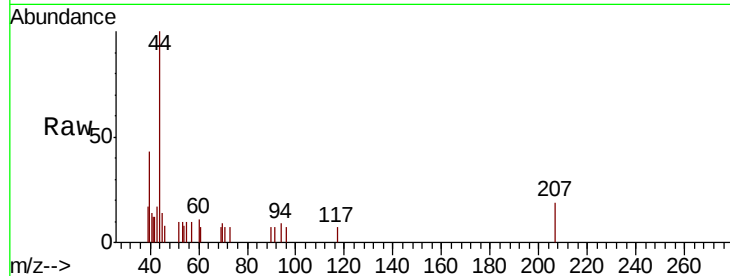
T1-J-(2.5)

Tgt Ion: 117 Resp: 29

Ion Ratio Lower Upper

117 100

201 0.0 33.1 99.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.73

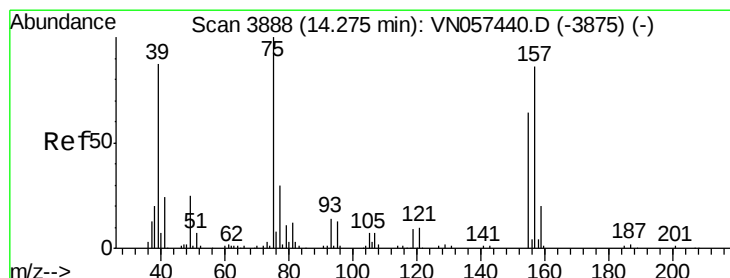
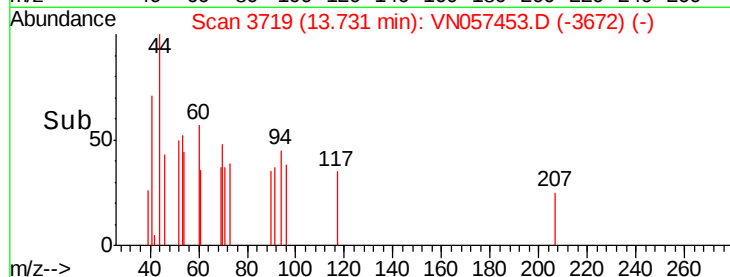
150

100

50

0

Time--> 13.72 13.73 13.74



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.29 min Scan# 3893

Delta R.T. 0.02 min

Lab File: VN057453.D

Acq: 23 Aug 2019 00:14

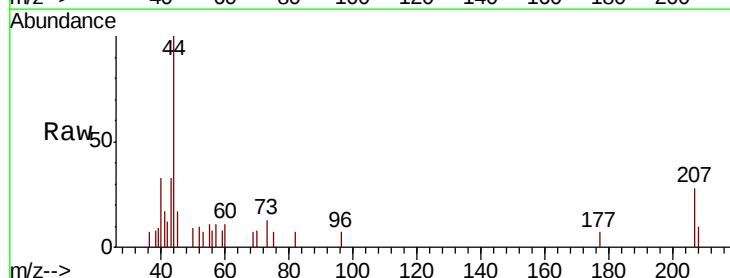
Tgt Ion: 75 Resp: 63

Ion Ratio Lower Upper

75 100

155 0.0 31.6 94.7#

157 0.0 43.3 129.8#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

14.29

200

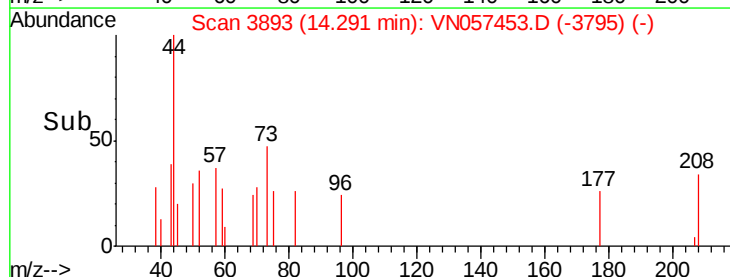
150

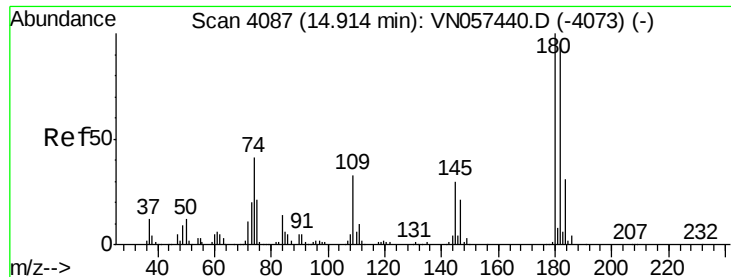
100

50

0

Time--> 14.28 14.29 14.30

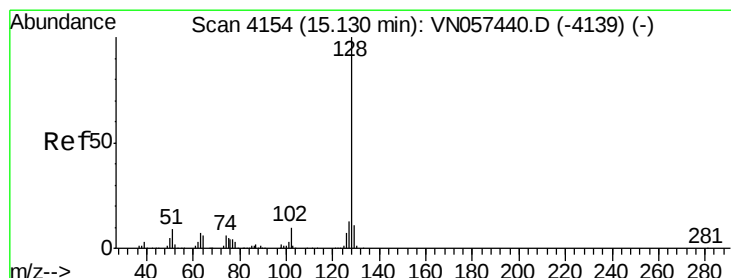
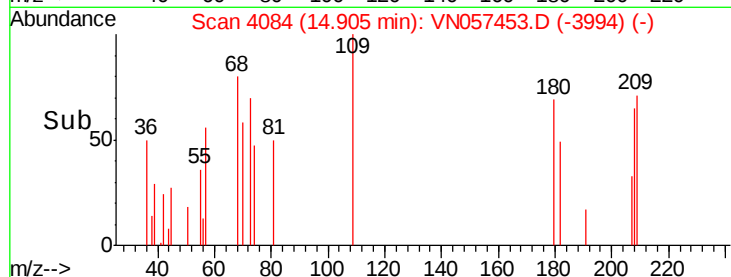
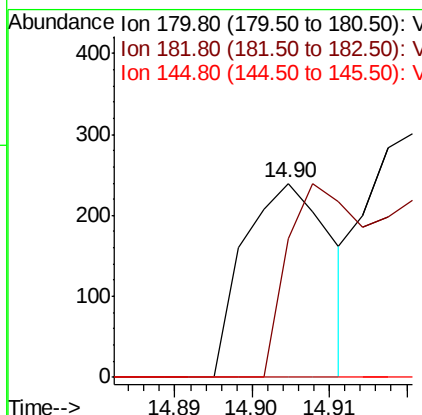
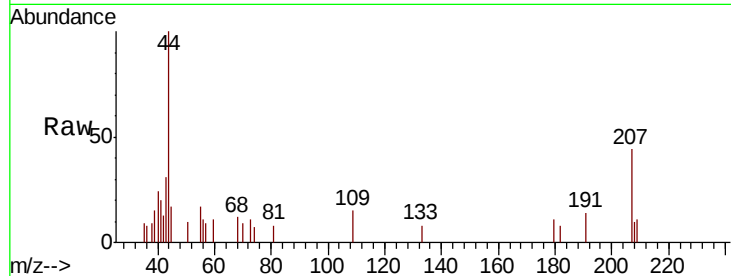




#93
 1,2,4-Trichlorobenzene
 Concen: 5.477 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.01 min
 Lab File: VN057453.D
 Acq: 23 Aug 2019 00:14

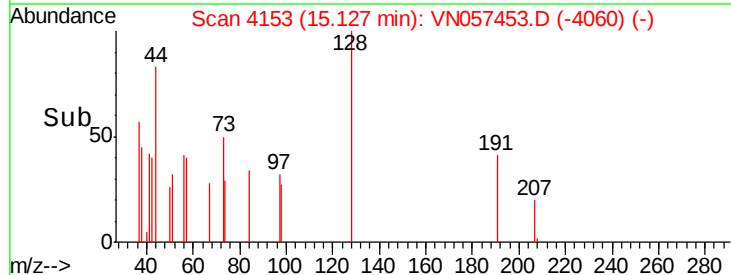
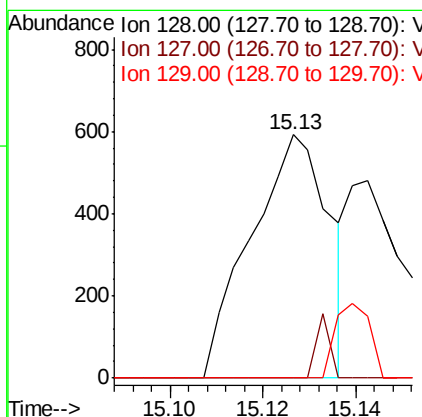
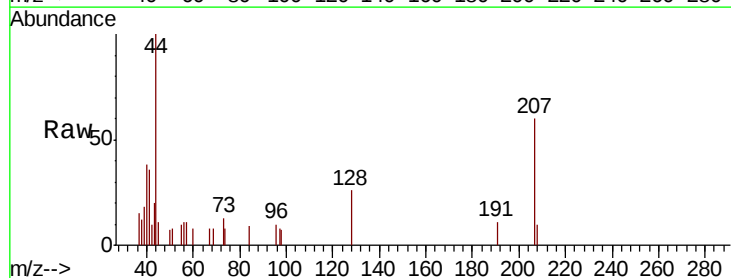
Instrument :
 MSVOA_N
 ClientSampled :
 T1-J-(2.5)

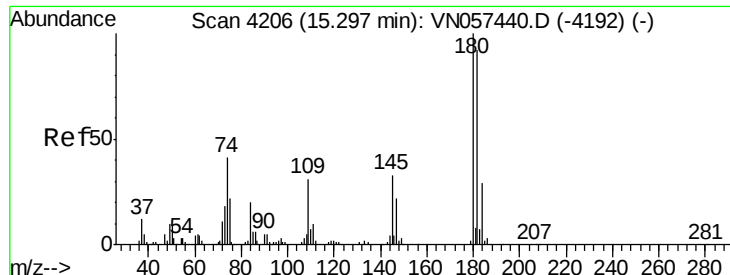
Tgt Ion:180 Resp: 188
 Ion Ratio Lower Upper
 180 100
 182 83.5 46.7 140.1
 145 0.0 15.6 46.8#



#95
 Naphthalene
 Concen: 4.464 ug/l
 RT: 15.13 min Scan# 4153
 Delta R.T. -0.00 min
 Lab File: VN057453.D
 Acq: 23 Aug 2019 00:14

Tgt Ion:128 Resp: 693
 Ion Ratio Lower Upper
 128 100
 127 4.3 10.5 15.7#
 129 13.6 8.6 13.0#

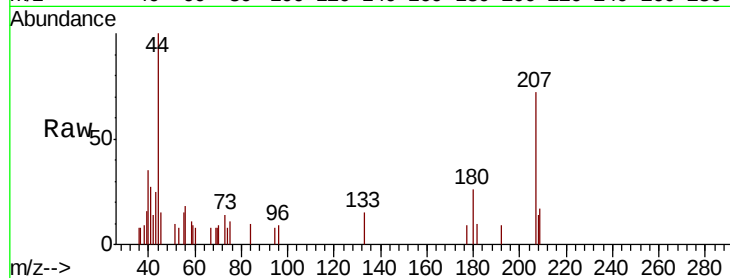




#96
 1,2,3-Trichlorobenzene
 Concen: 5.375 ug/l
 RT: 15.30 min Scan# 4207
 Delta R.T. 0.00 min
 Lab File: VN057453.D
 Acq: 23 Aug 2019 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-J-(2.5)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	80.9	46.7	140.1
145	22.3	16.8	50.3



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

