

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082419\
 Data File : VN057493.D
 Acq On : 24 Aug 2019 00:17
 Operator : JC/SP
 Sample : K4472-37
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T6-S2(0)

Quant Time: Aug 26 05:16:46 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	365965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	639054	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	536826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	135696	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	305519	47.46	ug/l	0.00
Spiked Amount			Recovery	=	94.92%	
35) Dibromofluoromethane	7.58	113	205340	47.57	ug/l	0.00
Spiked Amount			Recovery	=	95.14%	
50) Toluene-d8	10.08	98	812762	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	12.40	95	230010	41.58	ug/l	0.00
Spiked Amount			Recovery	=	83.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.56	94	1073	0.232	ug/l #	2
8) Diethyl Ether	3.39	74	1506	Below Cal		54
9) 1,1,2-Trichlorotrifluoroet	3.72	101	105	Below Cal		91
11) Tert butyl alcohol	4.79	59	378	0.473	ug/l #	70
13) Acrolein	3.55	56	187	0.266	ug/l #	1
16) Acetone	3.79	43	11152	3.772	ug/l #	86
18) Methyl Acetate	4.31	43	10950	0.777	ug/l #	62
20) Methylene Chloride	4.53	84	6430	1.394	ug/l #	84
29) Tetrahydrofuran	7.21	42	647	0.306	ug/l #	74
31) Cyclohexane	7.65	56	12033	1.331	ug/l #	6
36) 1,1-Dichloropropene	7.65	75	37644	5.765	ug/l #	51
38) Carbon Tetrachloride	7.65	117	40052	6.174	ug/l #	16
41) Methacrylonitrile	7.17	41	785	0.255	ug/l #	19
43) Isopropyl Acetate	8.16	43	94761	8.009	ug/l	98
46) Dibromomethane	8.96	93	76	Below Cal	#	10
48) Methyl methacrylate	9.17	41	5020	0.892	ug/l #	15
49) 1,4-Dioxane	9.19	88	35	0.481	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	5918	0.898	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	36246	4.268	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	5966	0.750	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.57	63	67	17.096	ug/l #	52
59) 2-Hexanone	10.76	43	85261	18.852	ug/l #	54
73) Isopropylbenzene	12.27	105	64	Below Cal	#	50
74) N-amyl acetate	12.04	43	3078	Below Cal	#	58
75) 1,1,2,2-Tetrachloroethane	12.58	83	62	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	129505	42.562	ug/l #	100
78) n-propylbenzene	12.62	91	100	Below Cal	#	55
79) 2-Chlorotoluene	12.62	91	100	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	12.73	105	619	Below Cal	#	46
81) trans-1,4-Dichloro-2-buten	12.40	75	129505	109.454	ug/l #	8
82) 4-Chlorotoluene	12.74	91	192	Below Cal	#	45
83) tert-Butylbenzene	13.00	119	62	Below Cal	#	66
85) sec-Butylbenzene	13.17	105	34	Below Cal	#	58
92) 1,2-Dibromo-3-Chloropropan	14.34	75	68	Below Cal	#	11

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

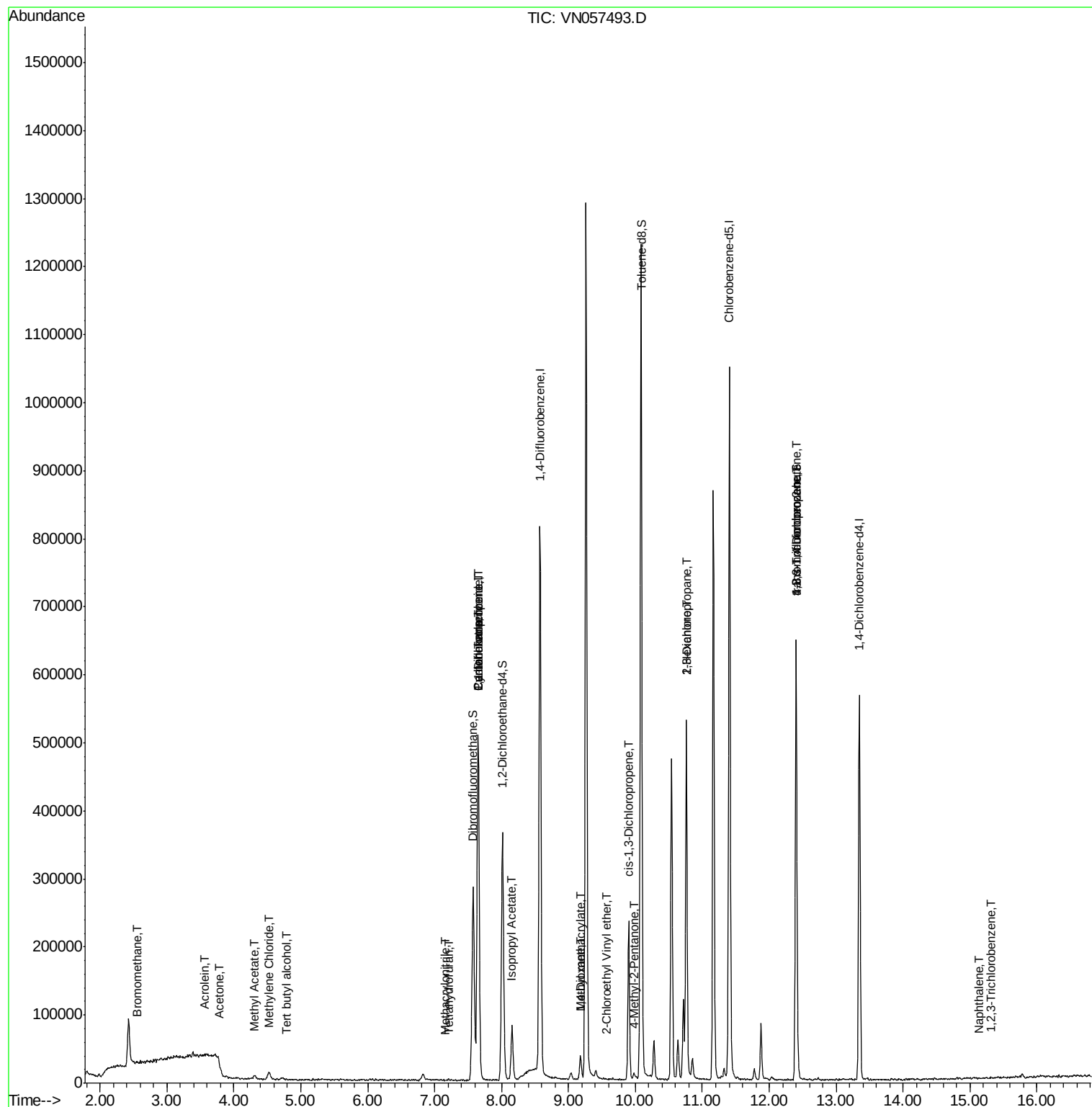
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.14	128	384	4.404	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.30	180	33	5.133	ug/l #	13

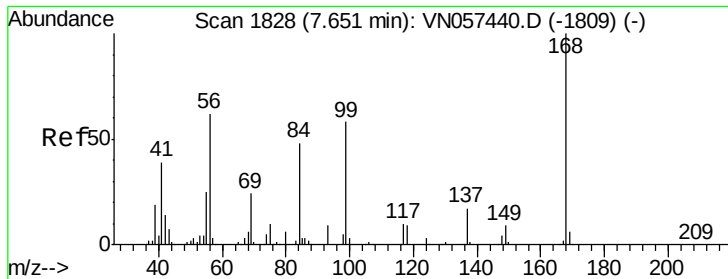
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN082419\
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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: VN057493.D

Acq: 24 Aug 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

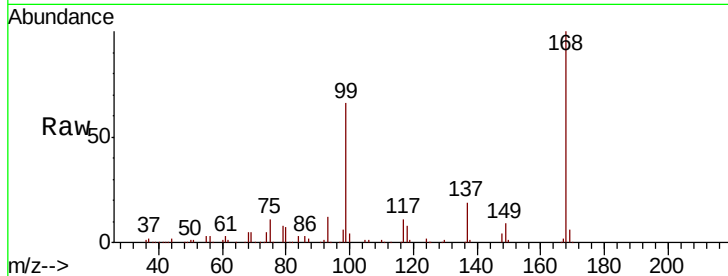
T6-S2(0)

Tgt Ion:168 Resp: 365965

Ion Ratio Lower Upper

168 100

99 66.1 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

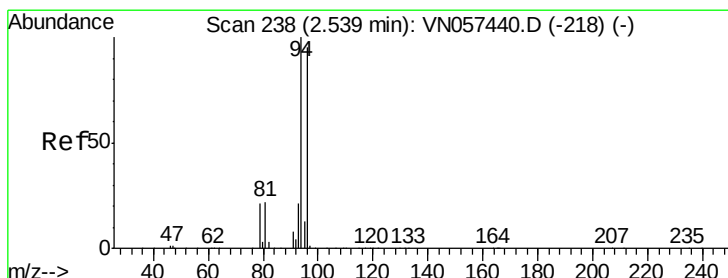
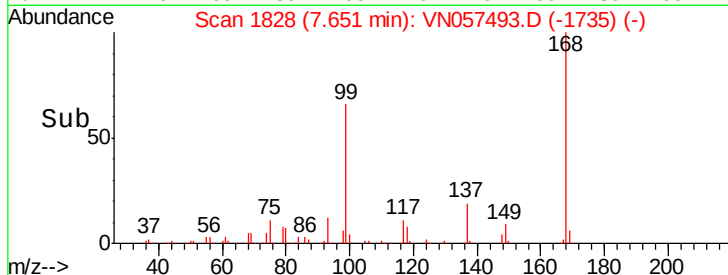
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.232 ug/l

RT: 2.56 min Scan# 245

Delta R.T. 0.02 min

Lab File: VN057493.D

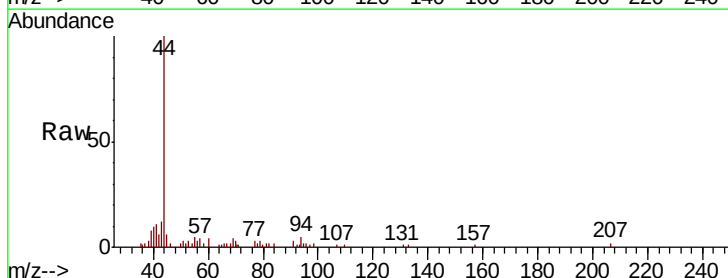
Acq: 24 Aug 2019 00:17

Tgt Ion: 94 Resp: 1073

Ion Ratio Lower Upper

94 100

96 0.0 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

2.56

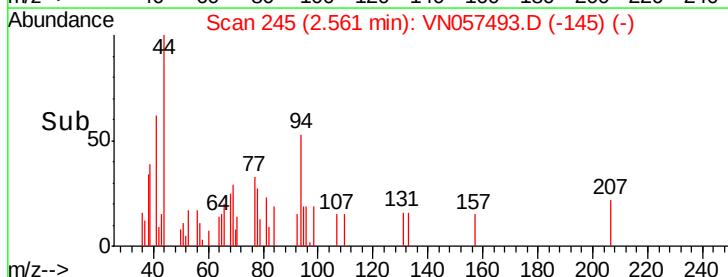
600

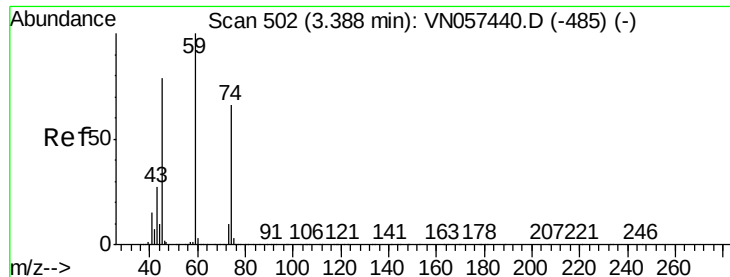
400

200

0

Time-->





#8

Diethyl Ether

Concen: Below Cal

RT: 3.39 min Scan# 504

Delta R.T. 0.01 min

Lab File: VN057493.D

Acq: 24 Aug 2019 00:17

Instrument :

MSVOA_N

ClientSampled :

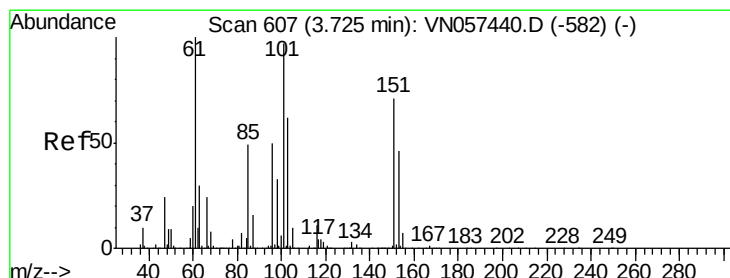
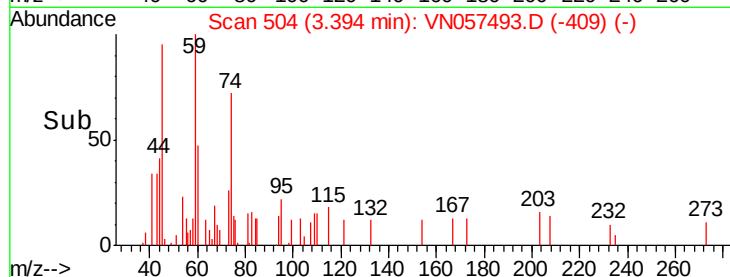
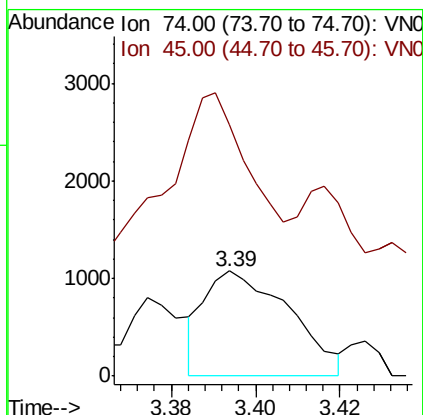
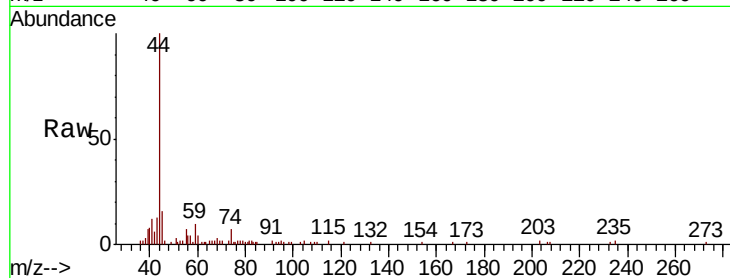
T6-S2(0)

Tgt Ion: 74 Resp: 1506

Ion Ratio Lower Upper

74 100

45 165.6 57.9 173.6



#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.72 min Scan# 606

Delta R.T. -0.00 min

Lab File: VN057493.D

Acq: 24 Aug 2019 00:17

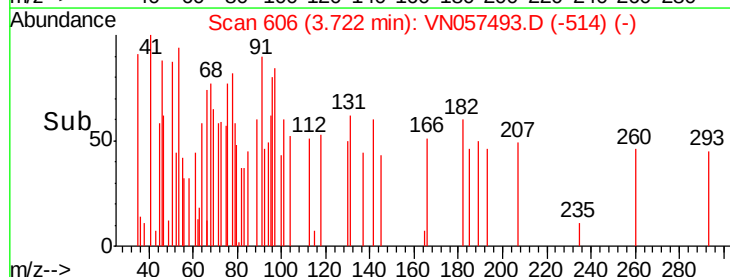
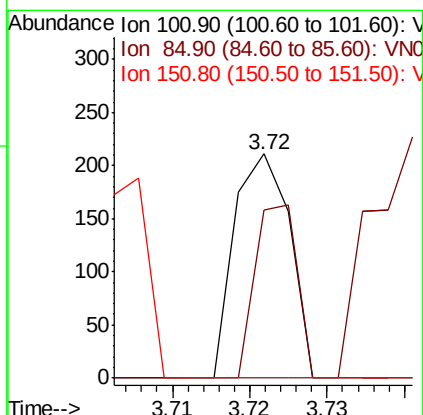
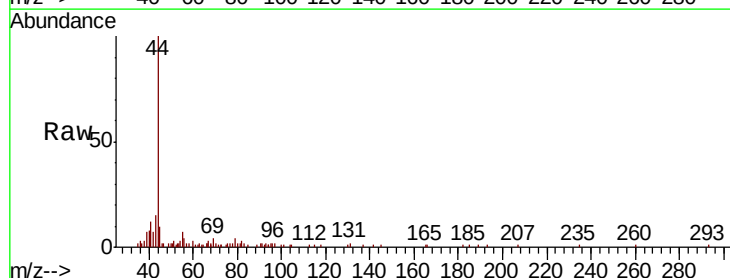
Tgt Ion: 101 Resp: 105

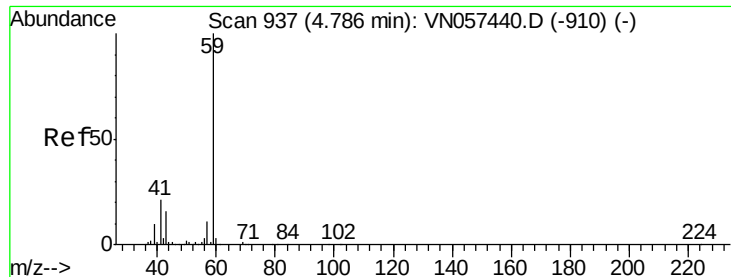
Ion Ratio Lower Upper

101 100

85 59.0 40.0 60.0

151 66.7 57.0 85.6



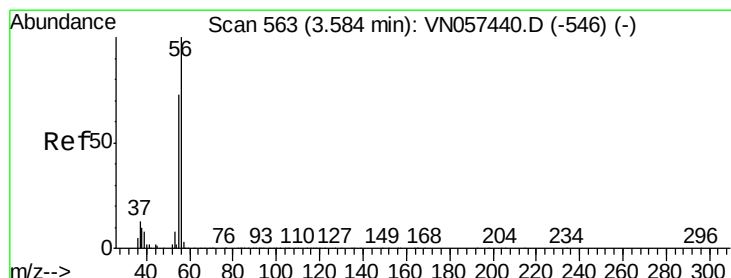
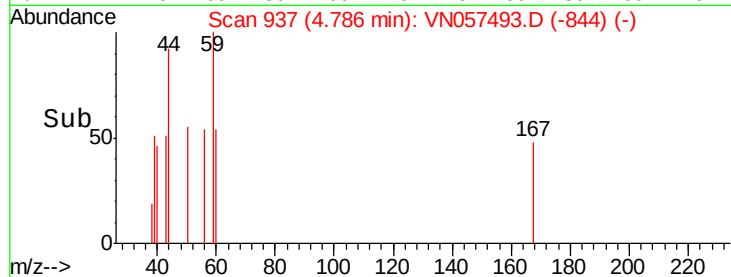
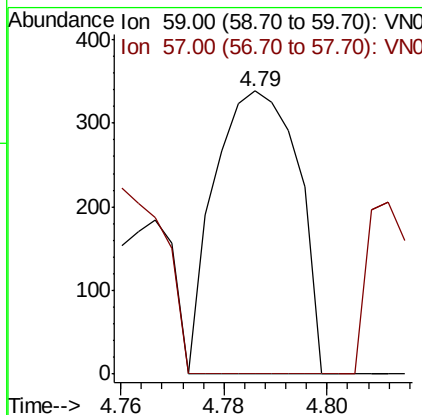
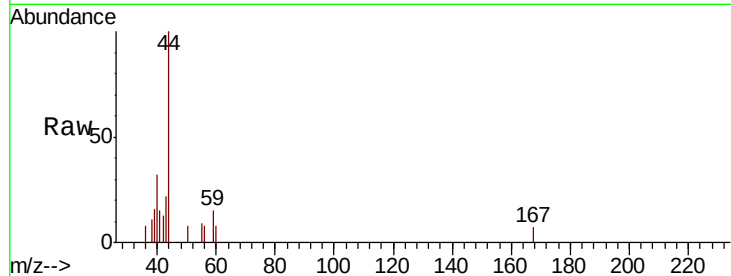


#11

Tert butyl alcohol
 Concen: 0.473 ug/l
 RT: 4.79 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: VN057493.D
 Acq: 24 Aug 2019 00:17

Instrument :
 MSVOA_N
 ClientSampled :
 T6-S2(0)

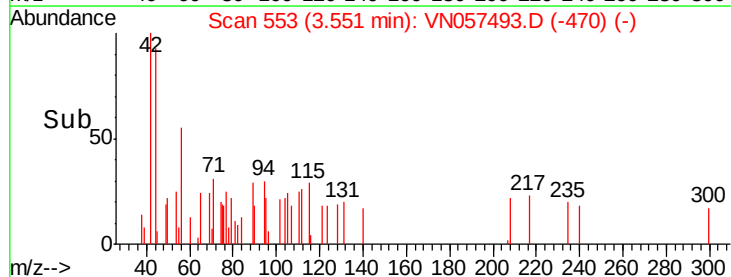
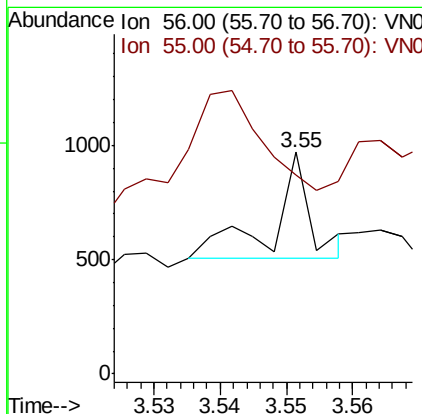
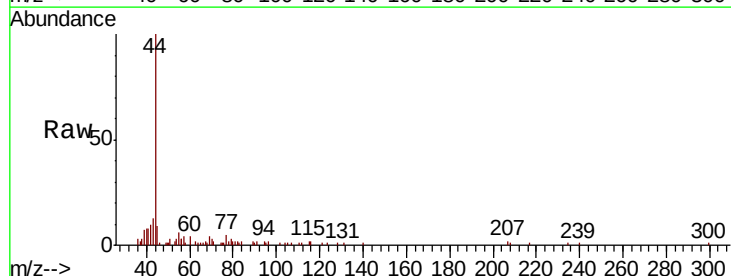
Tgt Ion: 59 Resp: 378
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.1 13.7#

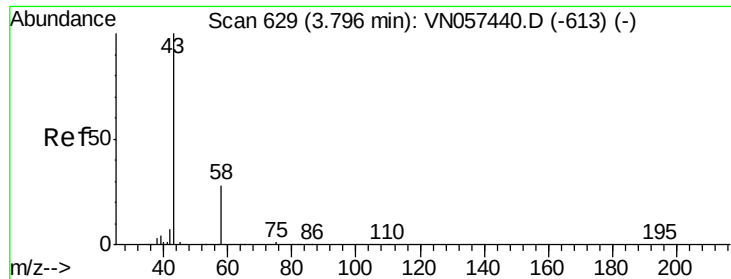


#13

Acrolein
 Concen: 0.266 ug/l
 RT: 3.55 min Scan# 553
 Delta R.T. -0.03 min
 Lab File: VN057493.D
 Acq: 24 Aug 2019 00:17

Tgt Ion: 56 Resp: 187
 Ion Ratio Lower Upper
 56 100
 55 356.1 59.0 88.4#





#16

Acetone

Concen: 3.772 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.01 min

Lab File: VN057493.D

Acq: 24 Aug 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

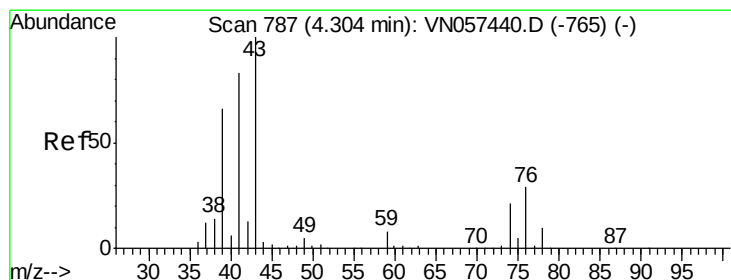
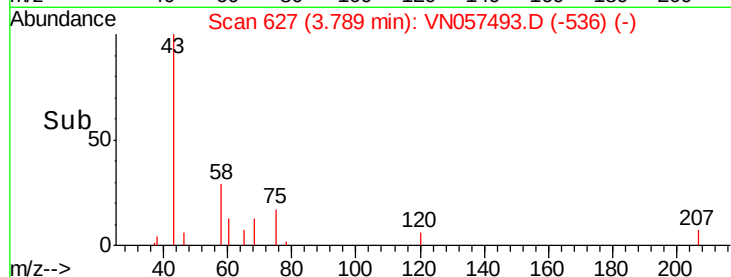
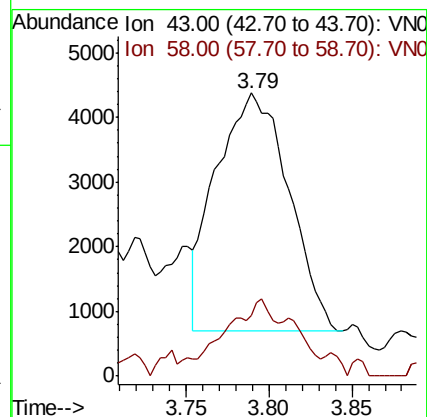
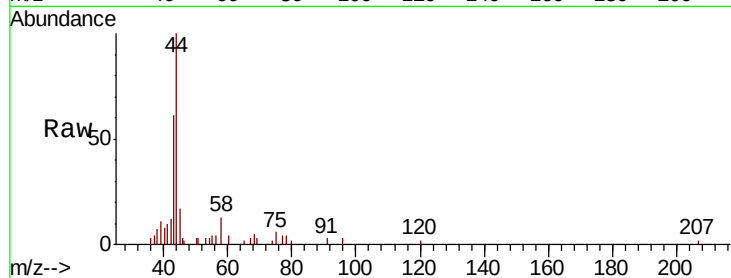
T6-S2(0)

Tgt Ion: 43 Resp: 11152

Ion Ratio Lower Upper

43 100

58 20.4 22.1 33.1#



#18

Methyl Acetate

Concen: 0.777 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.01 min

Lab File: VN057493.D

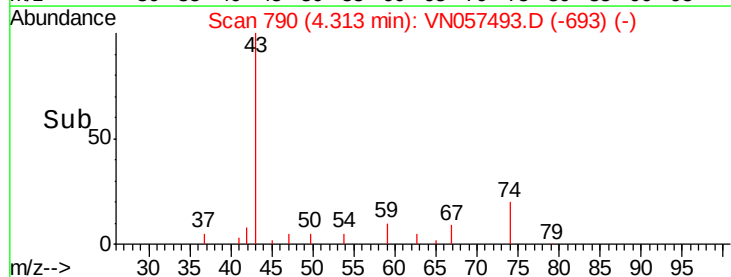
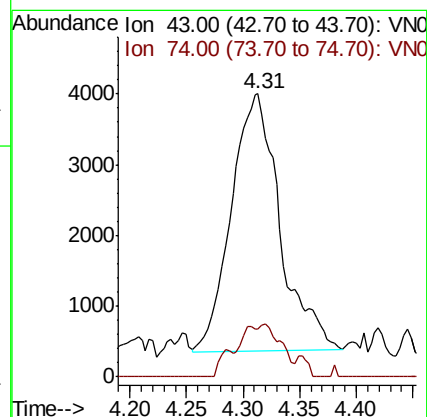
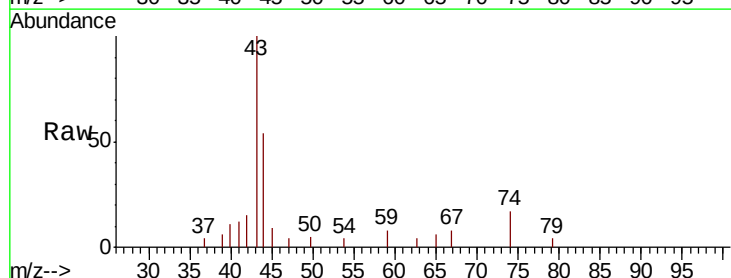
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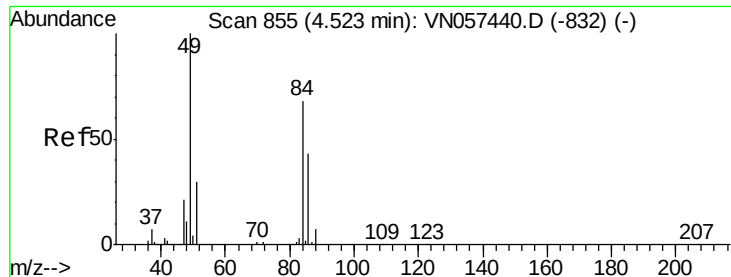
Tgt Ion: 43 Resp: 10950

Ion Ratio Lower Upper

43 100

74 2.6 15.9 23.9#

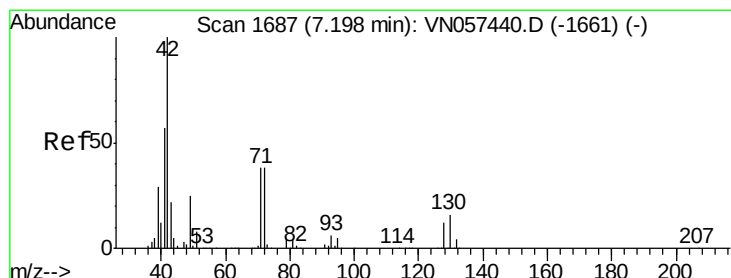
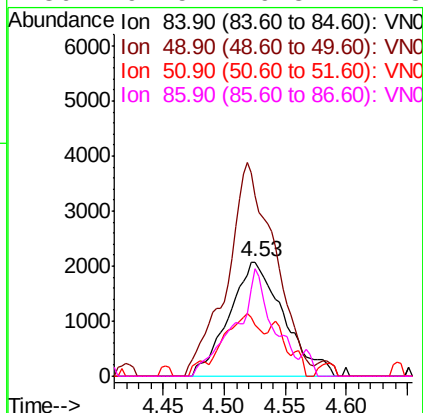
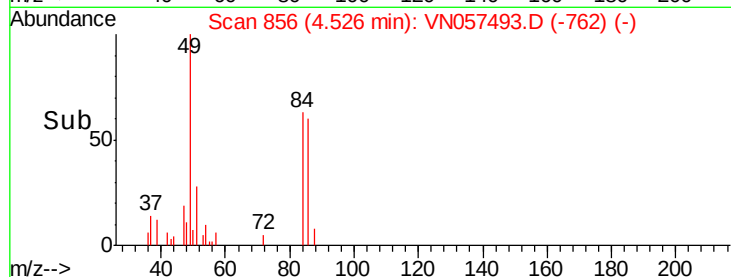
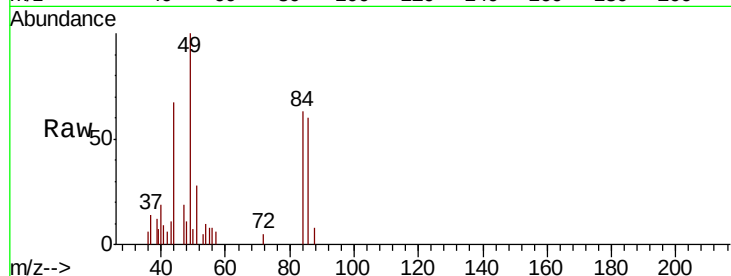




#20
Methylene Chloride
Concen: 1.394 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN057493.D
Acq: 24 Aug 2019 00:17

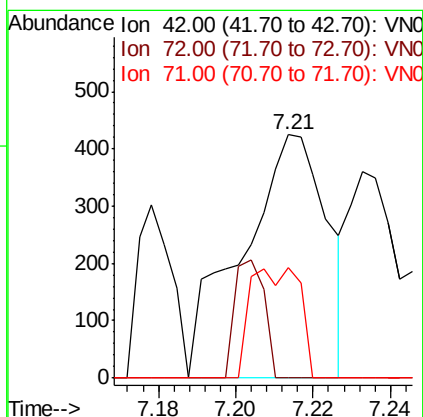
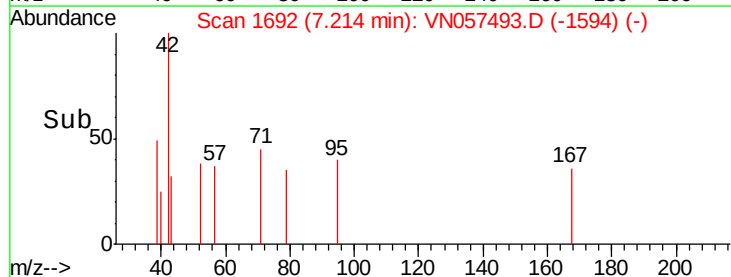
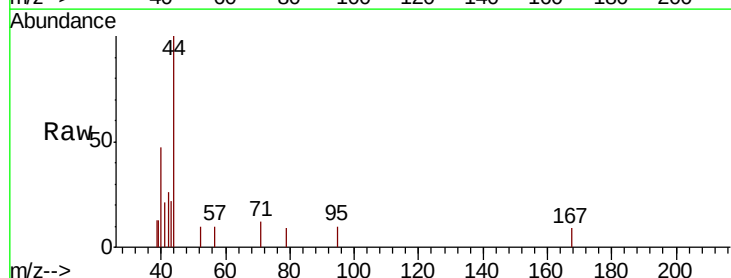
Instrument :
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T6-S2(0)

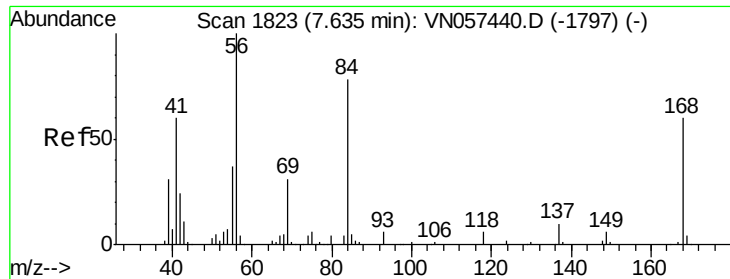
Tgt Ion: 84 Resp: 6430
Ion Ratio Lower Upper
84 100
49 157.7 117.0 175.4
51 44.8 35.5 53.3
86 94.5 49.8 74.8#



#29
Tetrahydrofuran
Concen: 0.306 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.02 min
Lab File: VN057493.D
Acq: 24 Aug 2019 00:17

Tgt Ion: 42 Resp: 647
Ion Ratio Lower Upper
42 100
72 16.7 30.1 45.1#
71 26.4 28.8 43.2#

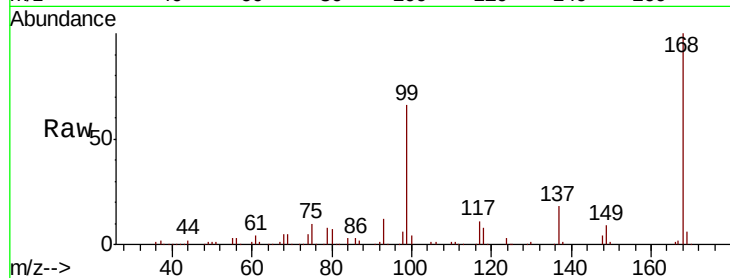




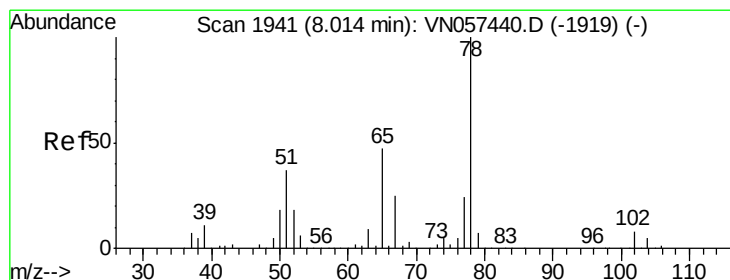
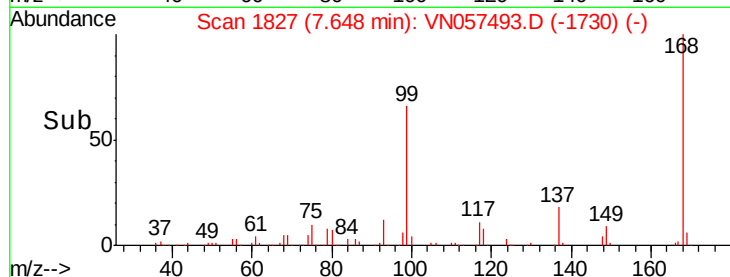
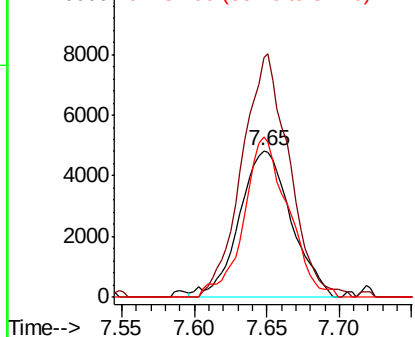
#31
Cyclohexane
Concen: 1.331 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN057493.D
Acq: 24 Aug 2019 00:17

Instrument :
MSVOA_N
ClientSampled :
T6-S2(0)

Tgt Ion: 56 Resp: 12033
Ion Ratio Lower Upper
56 100
69 163.4 25.0 37.6#
84 109.5 62.5 93.7#

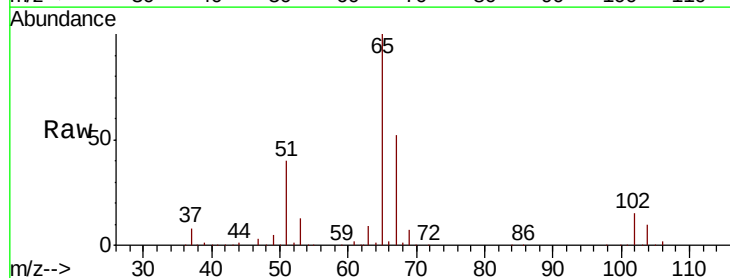


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

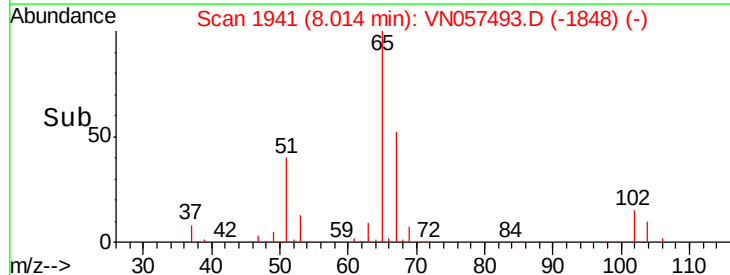
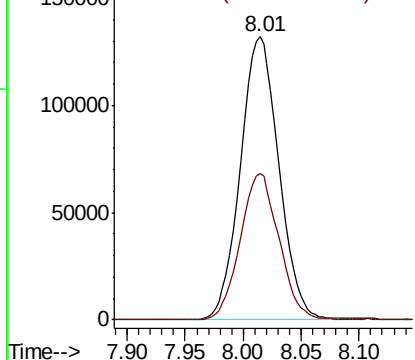


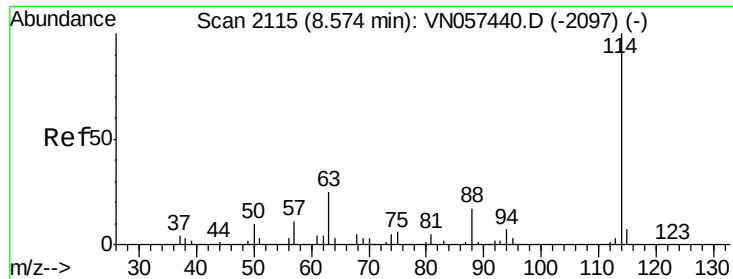
#33
1,2-Dichloroethane-d4
Concen: 47.457 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057493.D
Acq: 24 Aug 2019 00:17

Tgt Ion: 65 Resp: 305519
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.8



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

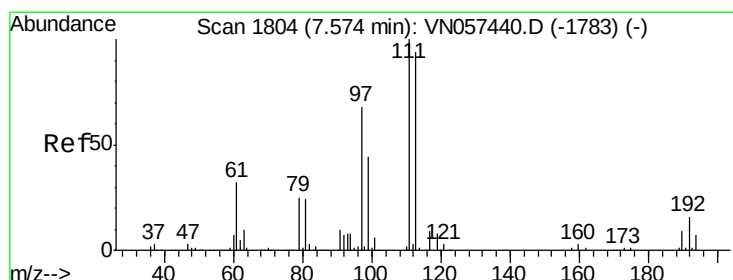
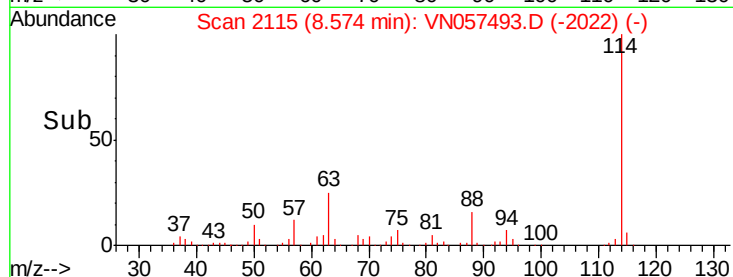
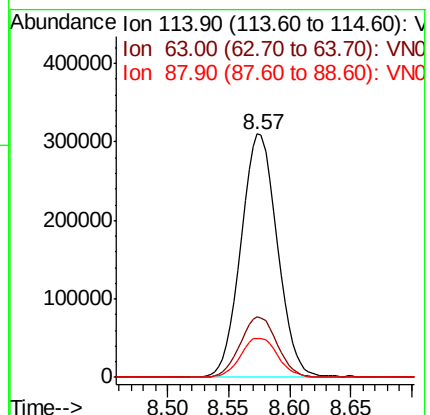
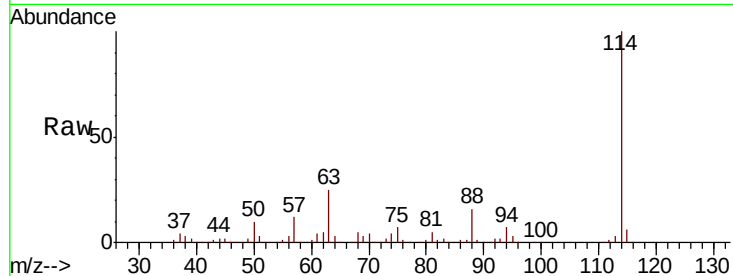




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN057493.D
Acq: 24 Aug 2019 00:17

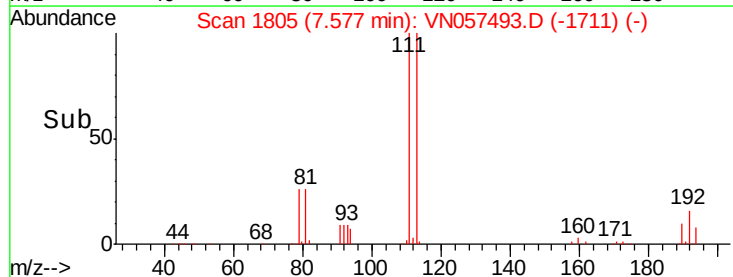
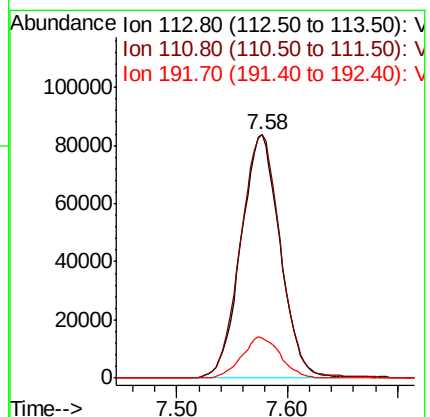
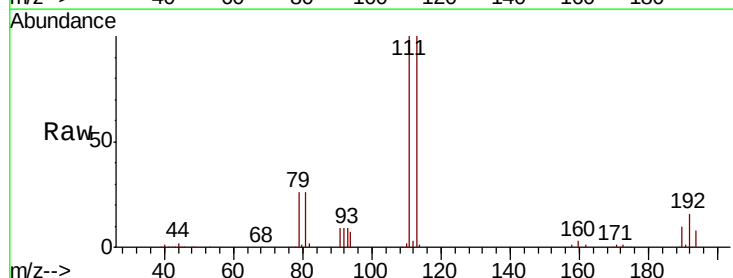
Instrument :
MSVOA_N
ClientSampleId :
T6-S2(0)

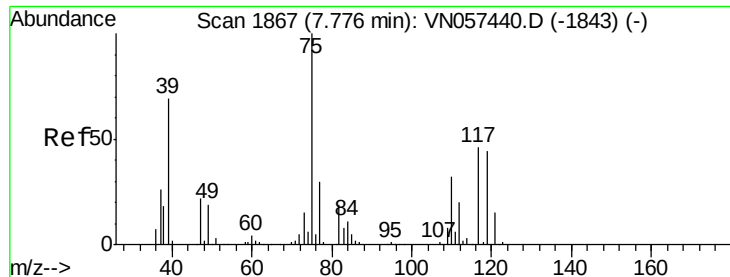
Tgt Ion:114 Resp: 639054
Ion Ratio Lower Upper
114 100
63 24.8 0.0 50.2
88 16.2 0.0 34.6



#35
Dibromofluoromethane
Concen: 47.571 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN057493.D
Acq: 24 Aug 2019 00:17

Tgt Ion:113 Resp: 205340
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 16.6 13.5 20.3

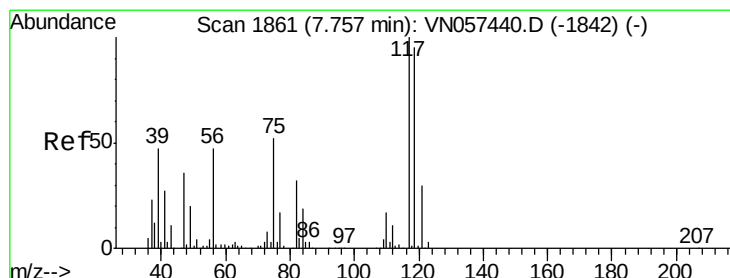
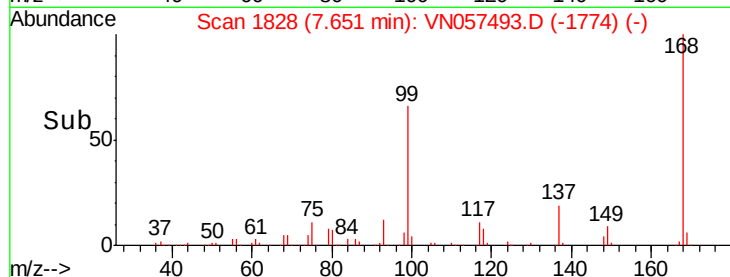
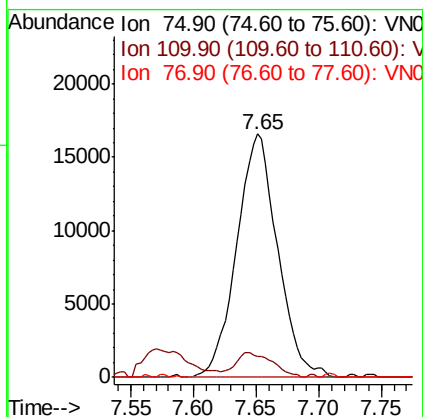
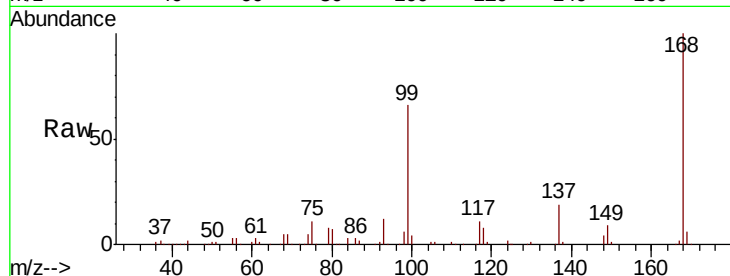




#36
 1,1-Dichloropropene
 Concen: 5.765 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057493.D
 Acq: 24 Aug 2019 00:17

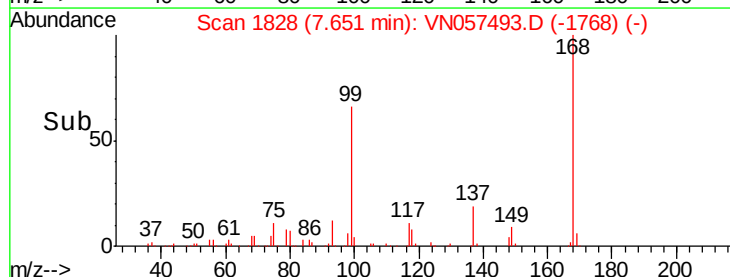
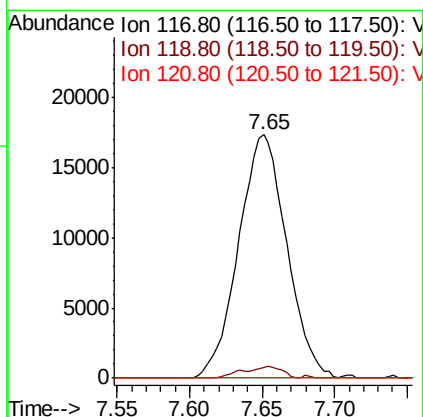
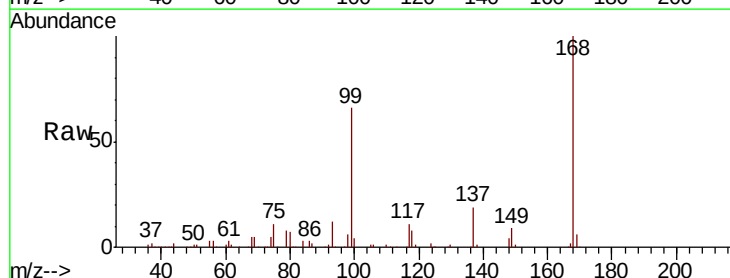
Instrument :
 MSVOA_N
 ClientSampleId :
 T6-S2(0)

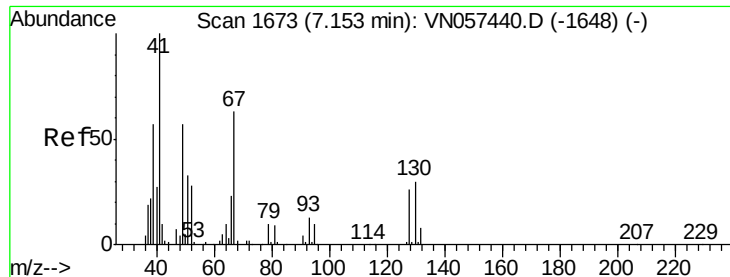
Tgt Ion: 75 Resp: 37644
 Ion Ratio Lower Upper
 75 100
 110 9.2 16.1 48.3#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.174 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN057493.D
 Acq: 24 Aug 2019 00:17

Tgt Ion: 117 Resp: 40052
 Ion Ratio Lower Upper
 117 100
 119 4.6 76.2 114.4#
 121 0.0 23.8 35.6#

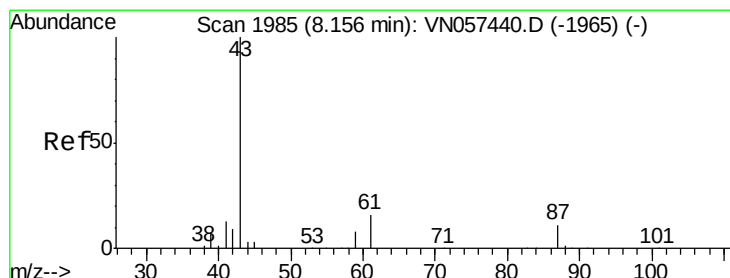
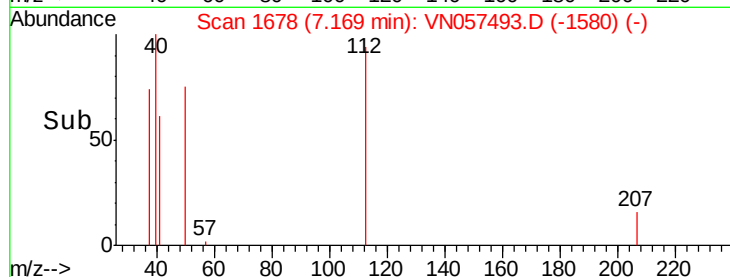
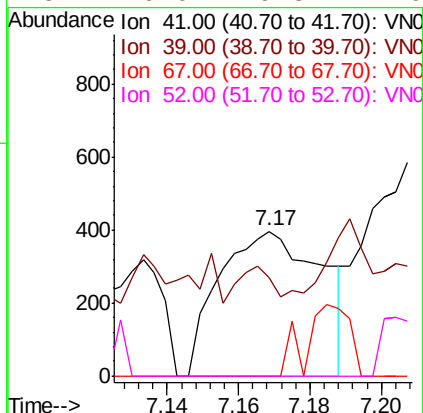
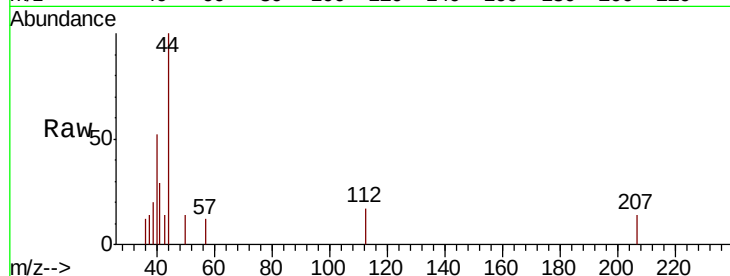




#41
Methacrylonitrile
Concen: 0.255 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.02 min
Lab File: VN057493.D
Acq: 24 Aug 2019 00:17

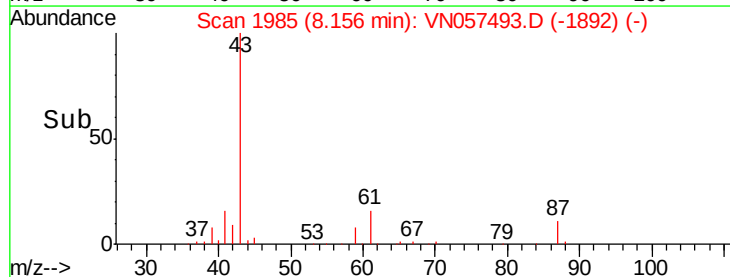
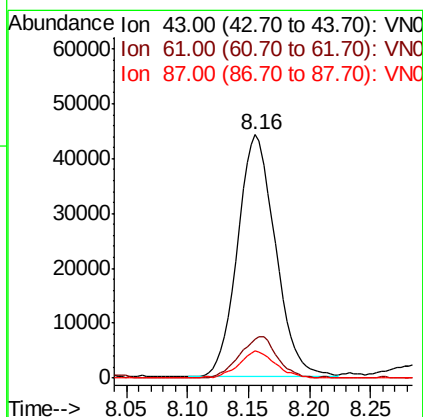
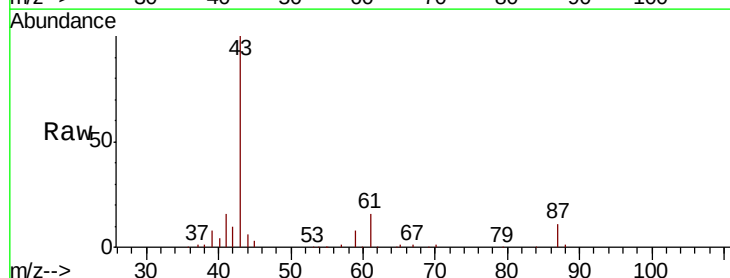
Instrument :
MSVOA_N
ClientSampled :
T6-S2(0)

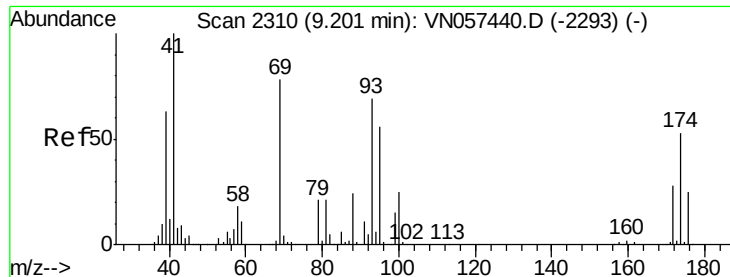
Tgt Ion:	41	Resp:	785
Ion	Ratio	Lower	Upper
41	100		
39	4.1	53.6	80.4#
67	0.0	65.4	98.2#
52	0.0	29.8	44.6#



#43
Isopropyl Acetate
Concen: 8.009 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN057493.D
Acq: 24 Aug 2019 00:17

Tgt Ion:	43	Resp:	94761
Ion	Ratio	Lower	Upper
43	100		
61	16.9	14.5	21.7
87	10.8	8.6	12.8





#46

Dibromomethane

Concen: Below Cal

RT: 8.96 min Scan# 2234

Delta R.T. -0.24 min

Lab File: VN057493.D

Acq: 24 Aug 2019 00:17

Instrument :

MSVOA_N

ClientSampled :

T6-S2(0)

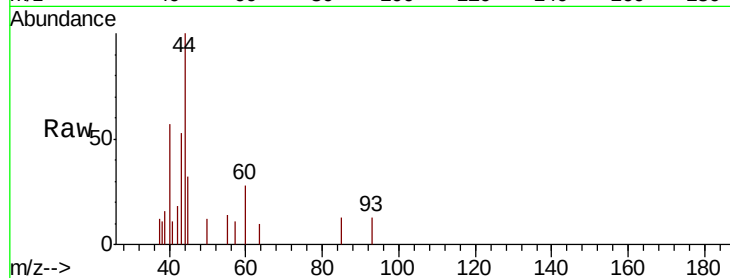
Tgt Ion: 93 Resp: 76

Ion Ratio Lower Upper

93 100

95 0.0 64.7 97.1#

174 0.0 62.3 93.5#



Abundance Ion 92.80 (92.50 to 93.50): VNC

Ion 94.80 (94.50 to 95.50): VNC

Ion 173.70 (173.40 to 174.40): VNC

8.96

200

150

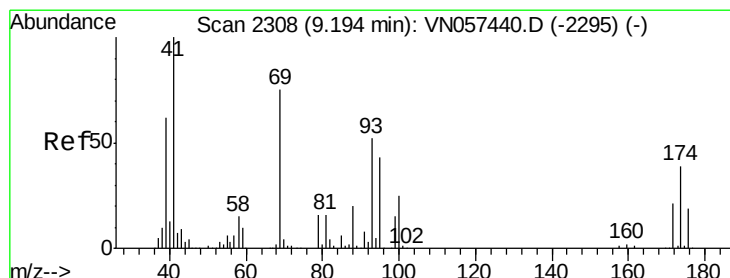
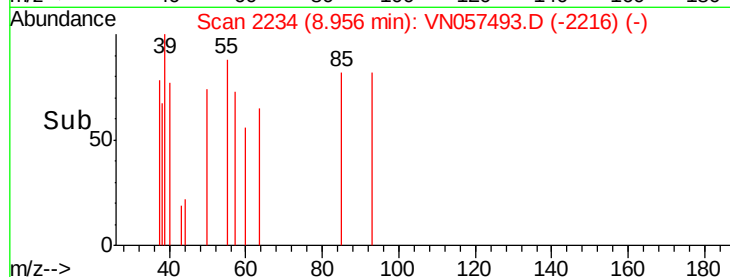
100

50

0

8.95 8.96 8.97

Time-->



#48

Methyl methacrylate

Concen: 0.892 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.02 min

Lab File: VN057493.D

Acq: 24 Aug 2019 00:17

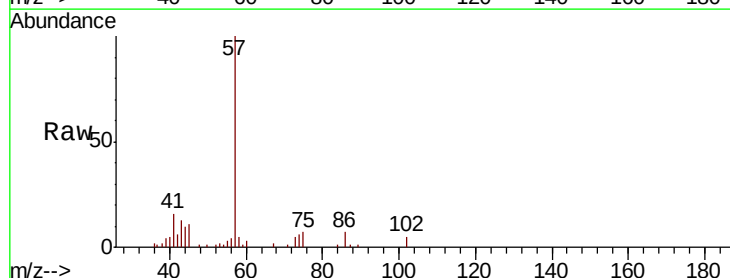
Tgt Ion: 41 Resp: 5020

Ion Ratio Lower Upper

41 100

69 0.0 59.3 88.9#

39 0.0 50.6 75.8#



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

80000

60000

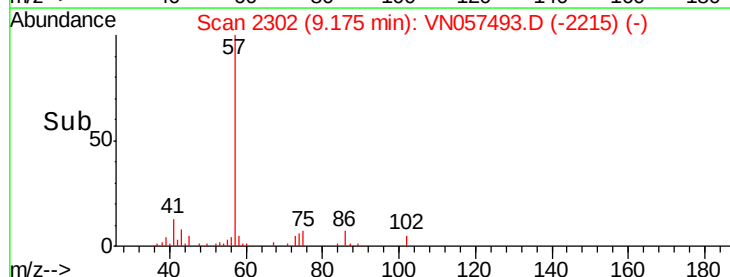
40000

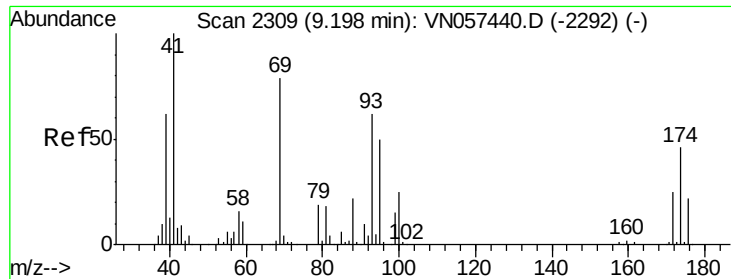
20000

0

9.10 9.15 9.20

Time-->

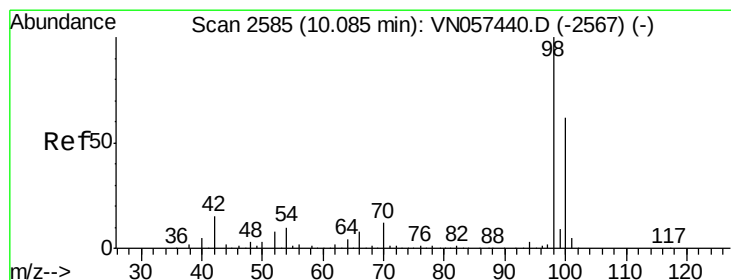
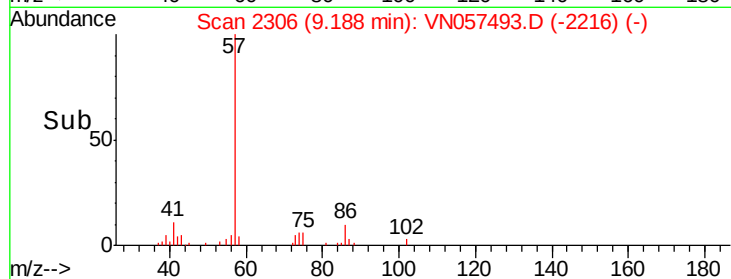
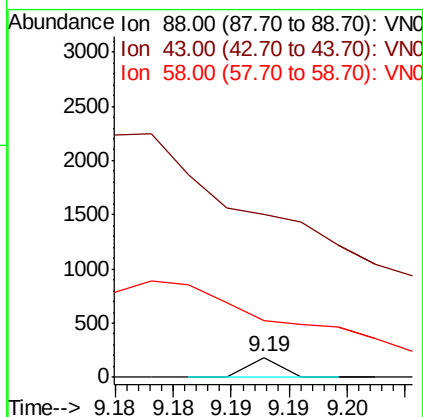
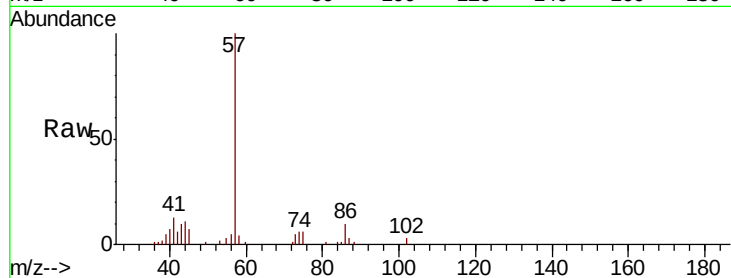




#49
 1,4-Dioxane
 Concen: 0.481 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: VN057493.D
 Acq: 24 Aug 2019 00:17

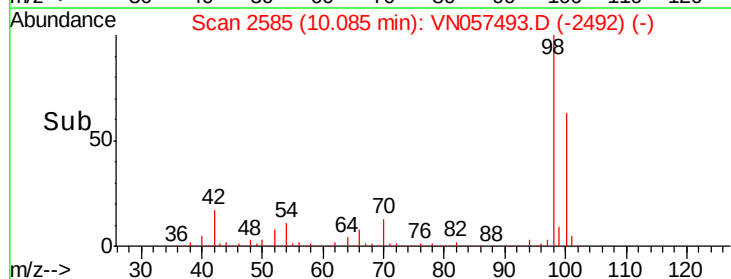
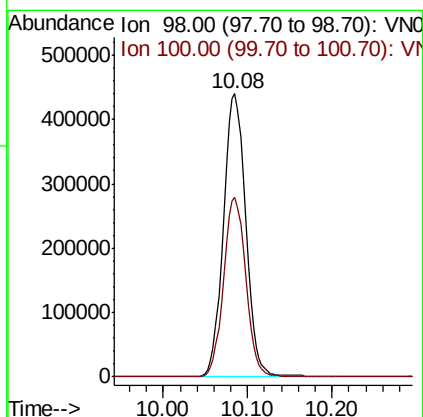
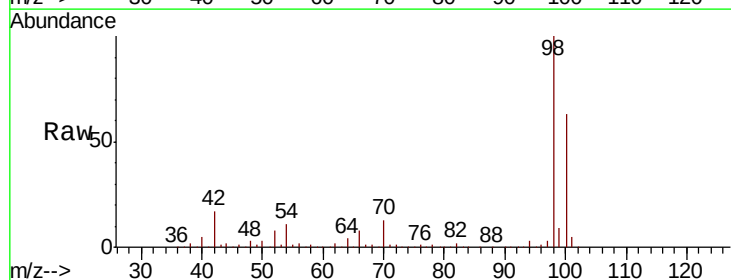
Instrument :
 MSVOA_N
 ClientSampled :
 T6-S2(0)

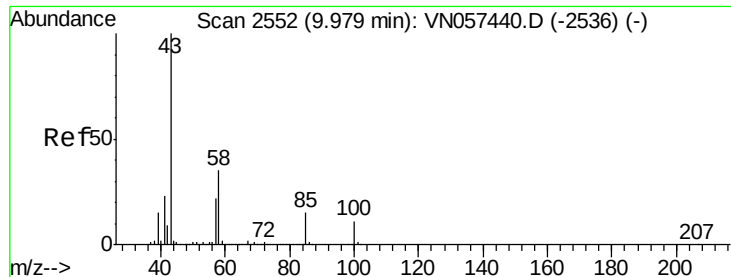
Tgt Ion: 88 Resp: 35
 Ion Ratio Lower Upper
 88 100
 43 0.0 31.0 46.6#
 58 3631.4 64.5 96.7#



#50
 Toluene-d8
 Concen: 49.796 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: VN057493.D
 Acq: 24 Aug 2019 00:17

Tgt Ion: 98 Resp: 812762
 Ion Ratio Lower Upper
 98 100
 100 62.9 50.4 75.6

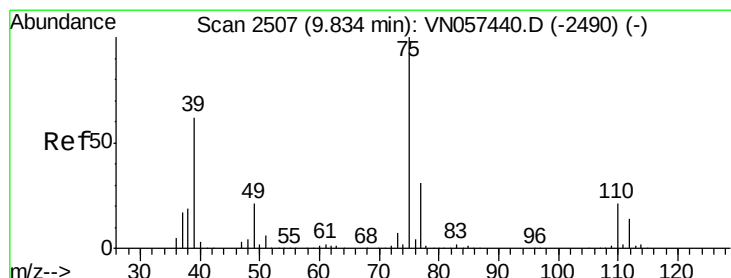
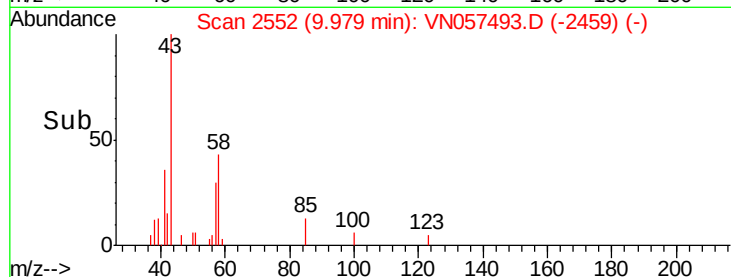
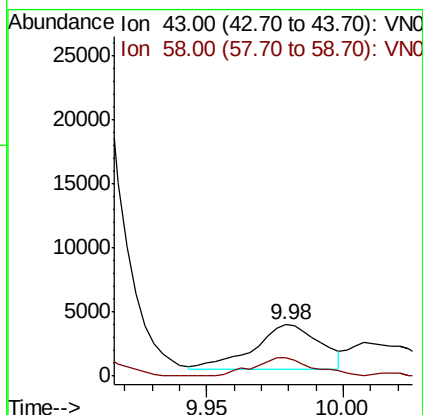
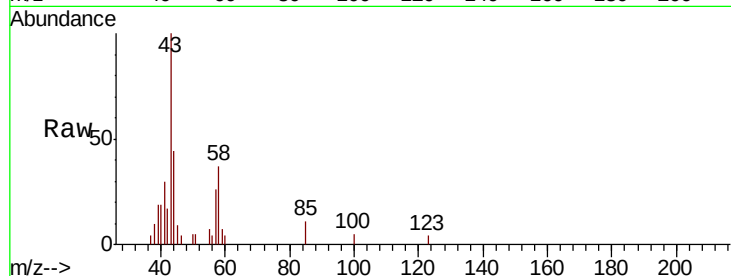




#51
 4-Methyl-2-Pentanone
 Concen: 0.898 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. -0.00 min
 Lab File: VN057493.D
 Acq: 24 Aug 2019 00:17

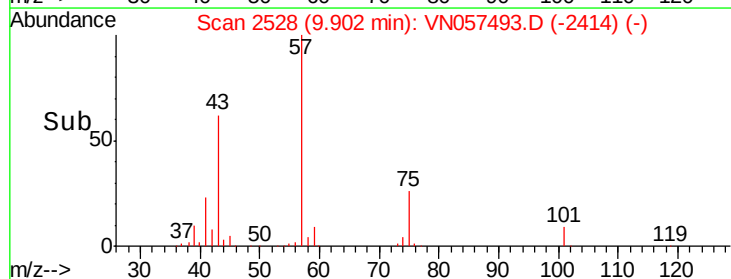
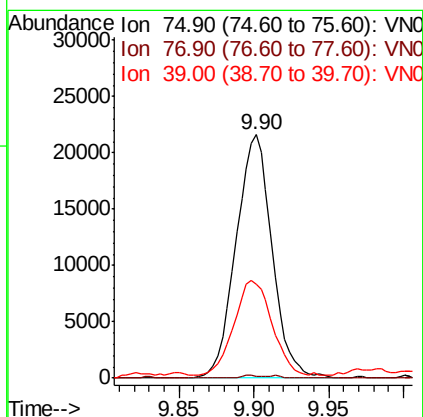
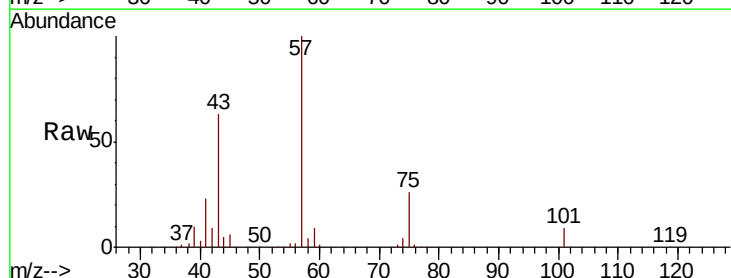
Instrument :
 MSVOA_N
 ClientSampleId :
 T6-S2(0)

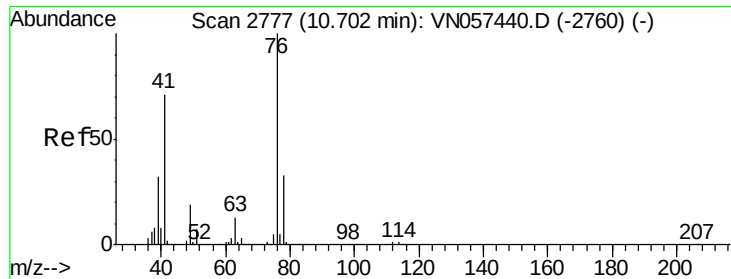
Tgt Ion: 43 Resp: 5918
 Ion Ratio Lower Upper
 43 100
 58 37.3 27.9 41.9



#54
 cis-1,3-Dichloropropene
 Concen: 4.268 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.07 min
 Lab File: VN057493.D
 Acq: 24 Aug 2019 00:17

Tgt Ion: 75 Resp: 36246
 Ion Ratio Lower Upper
 75 100
 77 0.9 25.0 37.6#
 39 37.5 49.2 73.8#





#57

1,3-Dichloropropane

Concen: 0.750 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057493.D

Acq: 24 Aug 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

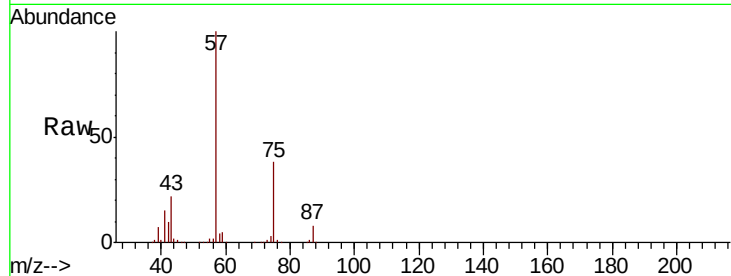
T6-S2(0)

Tgt Ion: 76 Resp: 5966

Ion Ratio Lower Upper

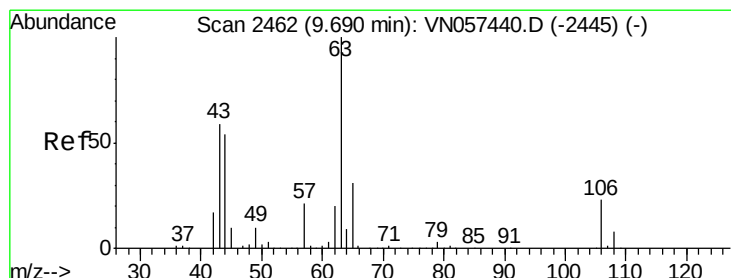
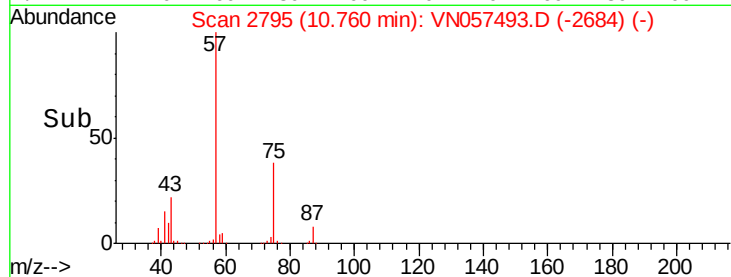
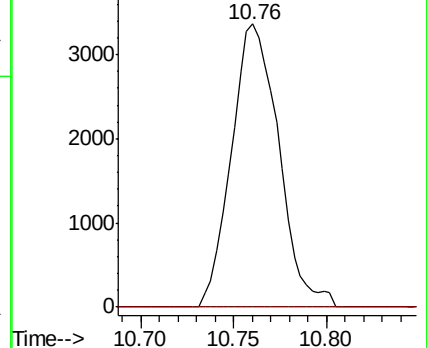
76 100

78 0.0 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 17.096 ug/l

RT: 9.57 min Scan# 2425

Delta R.T. -0.12 min

Lab File: VN057493.D

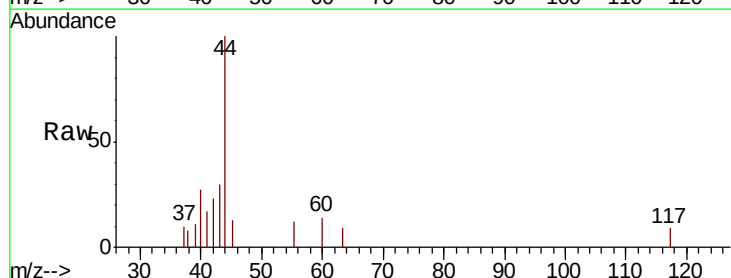
Acq: 24 Aug 2019 00:17

Tgt Ion: 63 Resp: 67

Ion Ratio Lower Upper

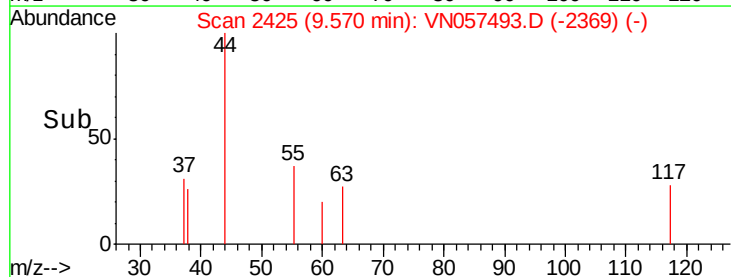
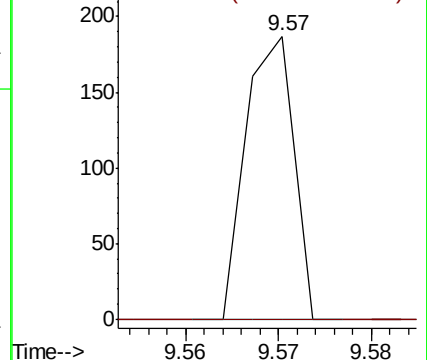
63 100

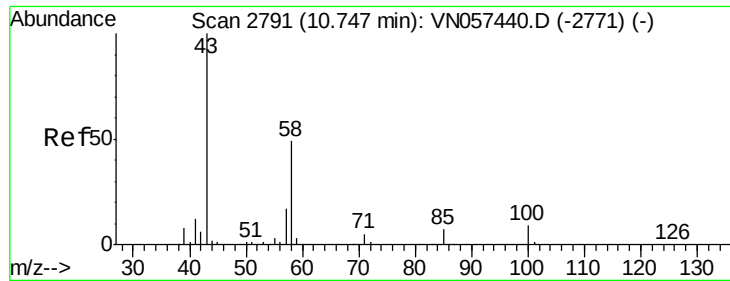
106 0.0 18.6 27.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

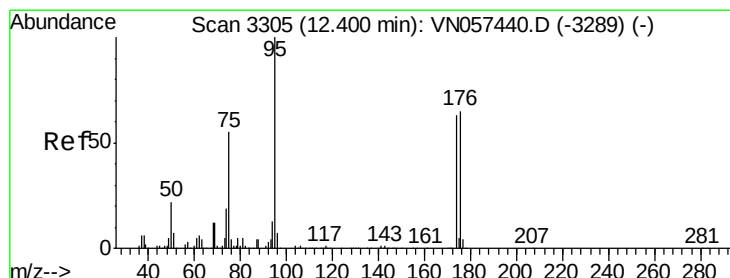
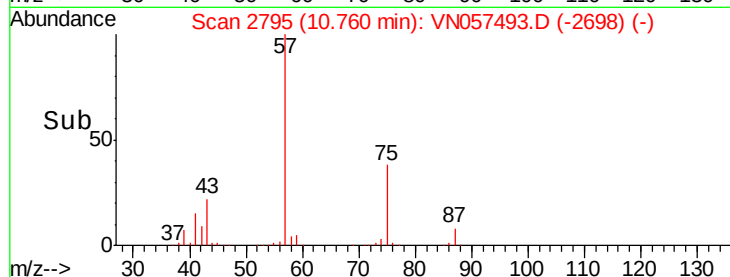
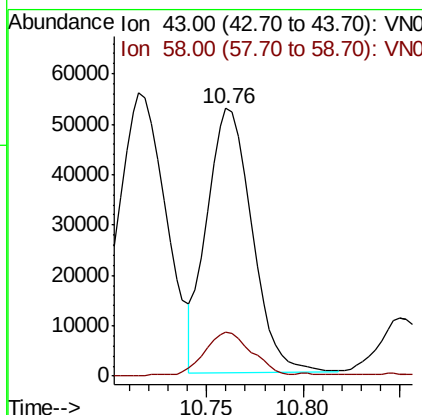
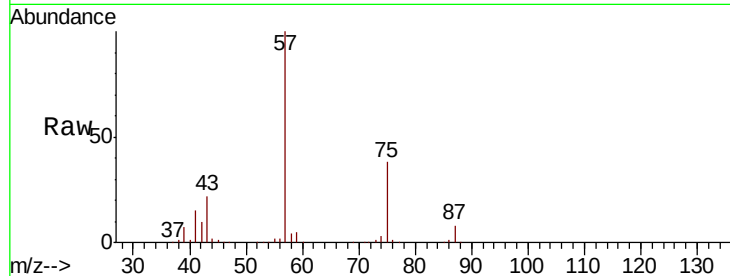




#59
2-Hexanone
Concen: 18.852 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057493.D
Acq: 24 Aug 2019 00:17

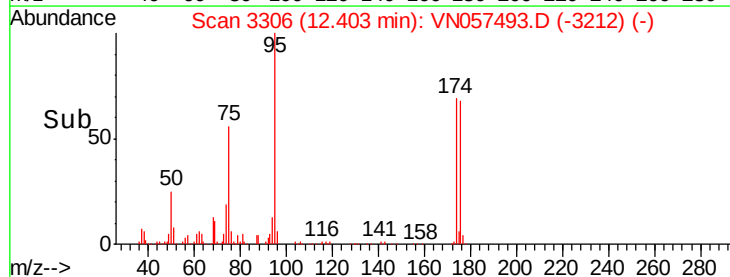
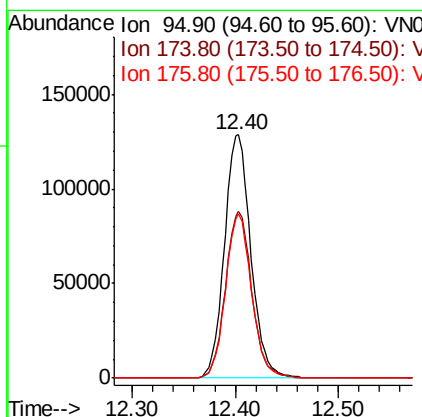
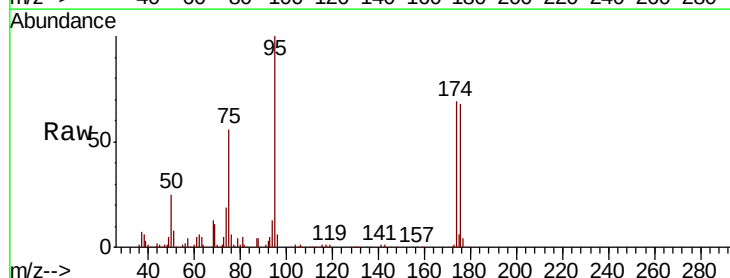
Instrument :
MSVOA_N
ClientSampled :
T6-S2(0)

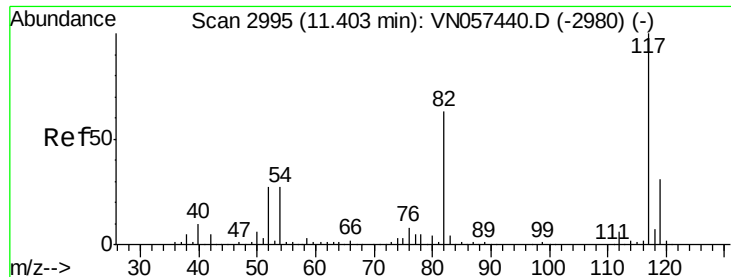
Tgt Ion: 43 Resp: 85261
Ion Ratio Lower Upper
43 100
58 17.8 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 41.584 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057493.D
Acq: 24 Aug 2019 00:17

Tgt Ion: 95 Resp: 230010
Ion Ratio Lower Upper
95 100
174 68.2 0.0 133.0
176 66.4 0.0 130.8

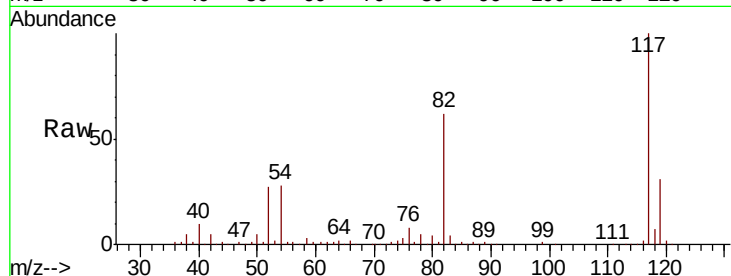




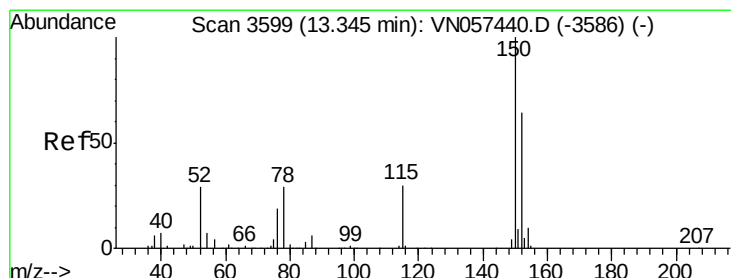
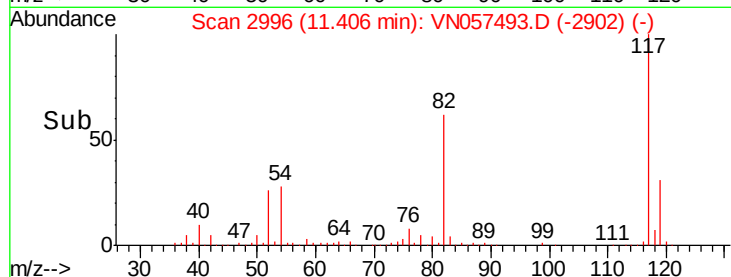
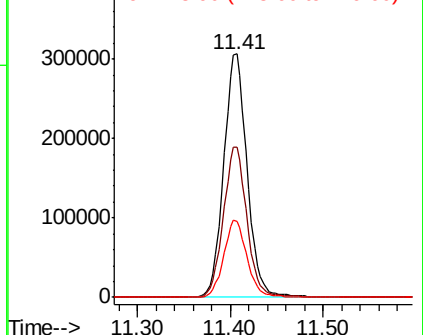
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057493.D
Acq: 24 Aug 2019 00:17

Instrument :
MSVOA_N
ClientSampleId :
T6-S2(0)

Tgt Ion:117 Resp: 536826
Ion Ratio Lower Upper
117 100
82 61.8 50.6 75.8
119 31.4 24.6 36.8

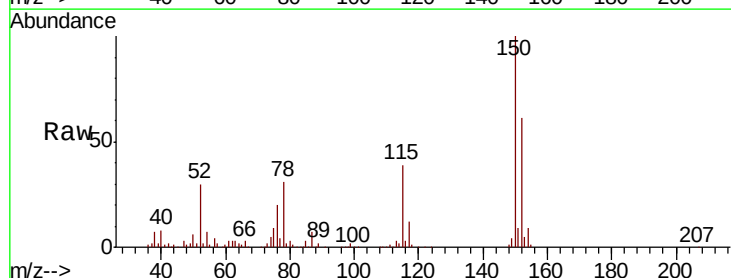


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

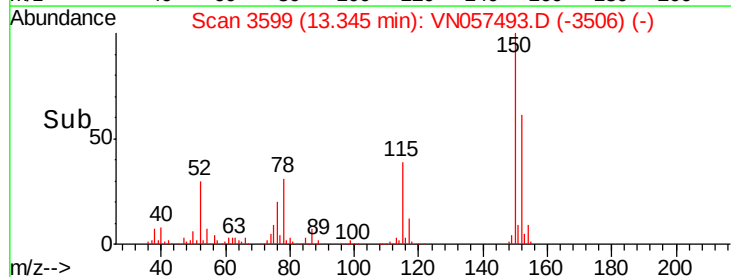
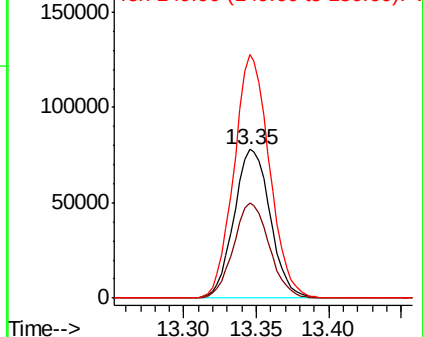


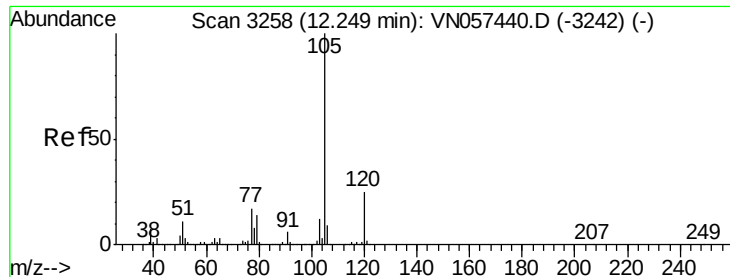
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN057493.D
Acq: 24 Aug 2019 00:17

Tgt Ion:152 Resp: 135696
Ion Ratio Lower Upper
152 100
115 63.3 32.0 96.0
150 159.8 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: 12.27 min Scan# 3265

Delta R.T. 0.02 min

Lab File: VN057493.D

Acq: 24 Aug 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

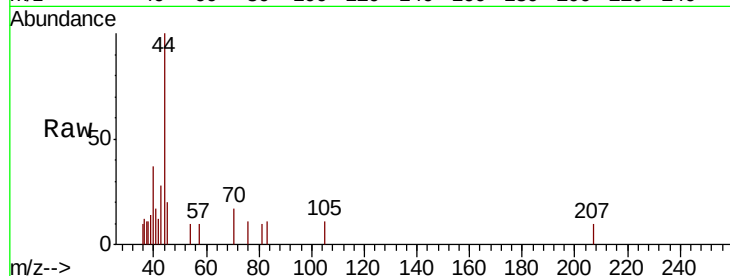
T6-S2(0)

Tgt Ion: 105 Resp: 64

Ion Ratio Lower Upper

105 100

120 0.0 12.7 38.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.27

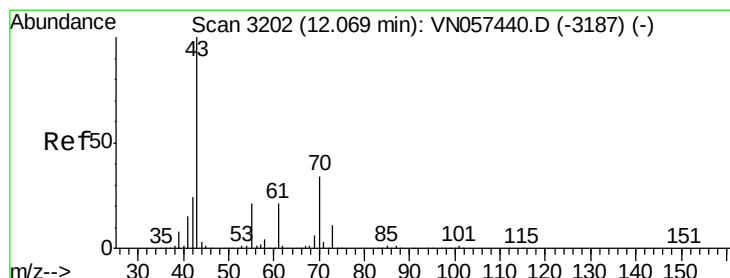
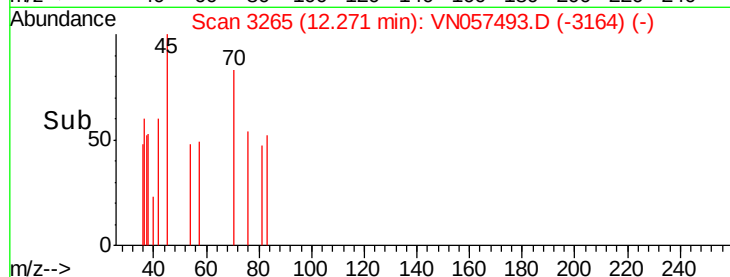
150

100

50

0

Time-->



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.04 min Scan# 3192

Delta R.T. -0.03 min

Lab File: VN057493.D

Acq: 24 Aug 2019 00:17

Tgt Ion: 43 Resp: 3078

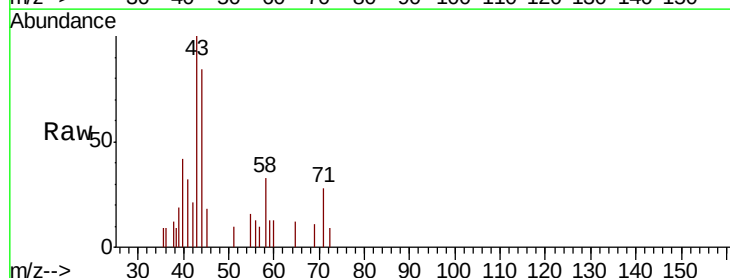
Ion Ratio Lower Upper

43 100

70 0.0 27.8 41.6#

55 17.3 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

2500

2000

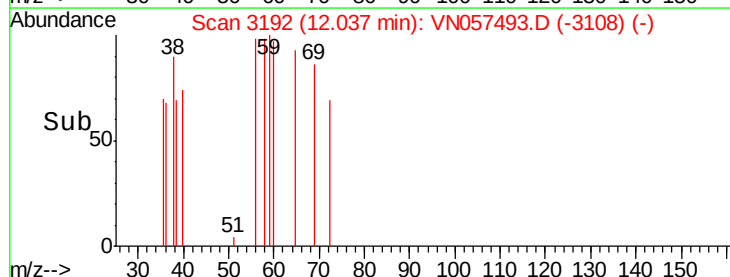
1500

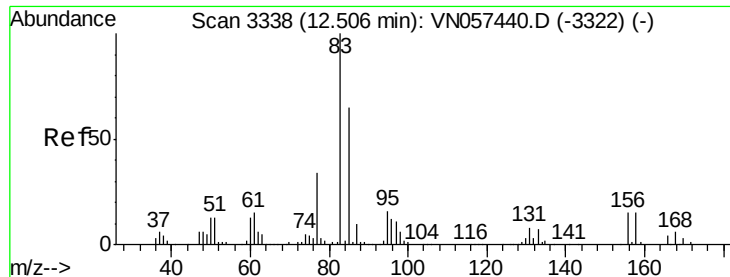
1000

500

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.58 min Scan# 3361

Delta R.T. 0.07 min

Lab File: VN057493.D

Acq: 24 Aug 2019 00:17

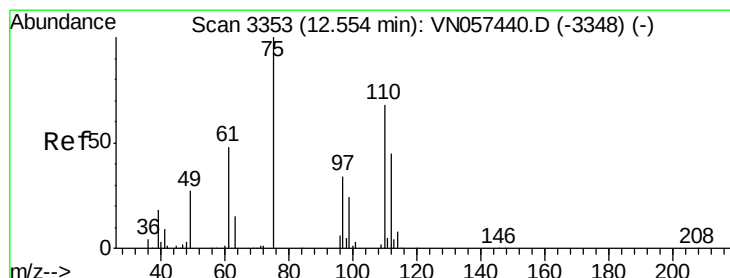
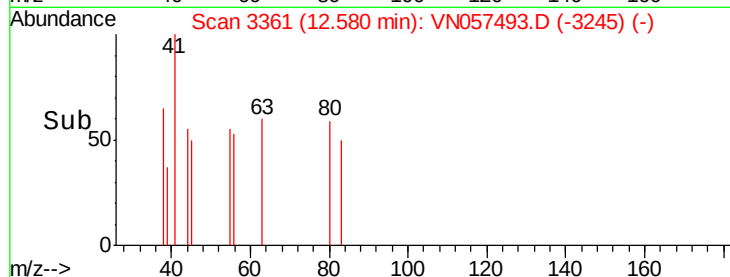
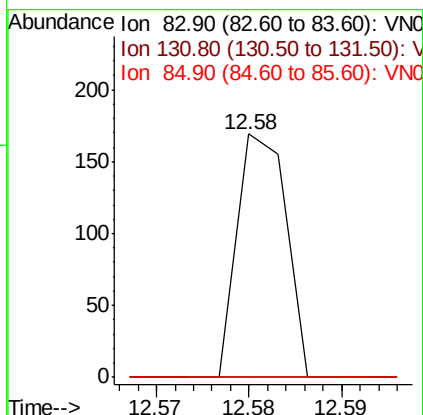
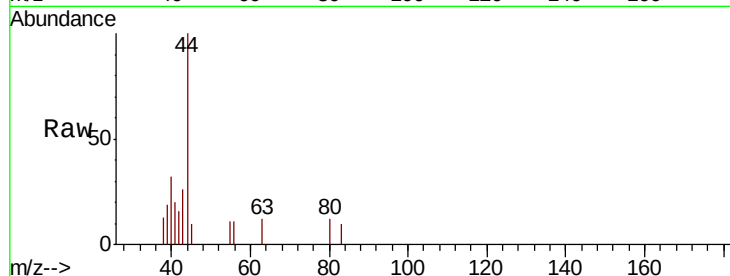
Instrument :

MSVOA_N

ClientSampleId :

T6-S2(0)

Tgt Ion:	83	Resp:	62
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.3	13.1#
85	0.0	32.3	96.8#



#76

1,2,3-Trichloropropane

Concen: 42.562 ug/l

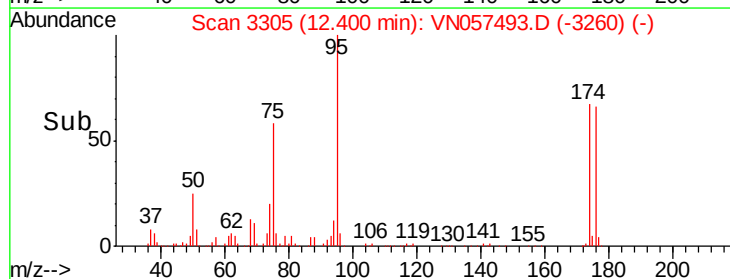
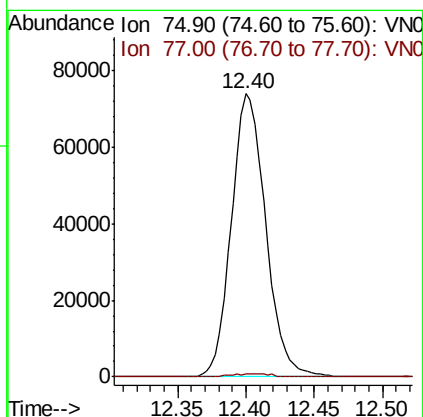
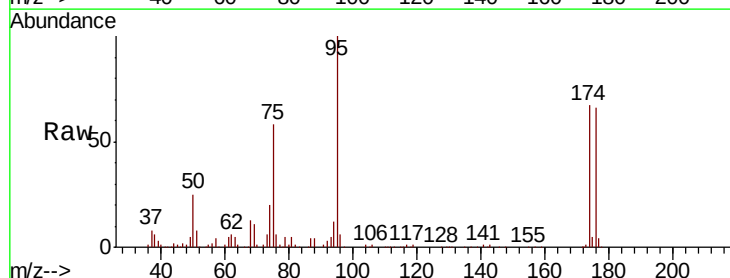
RT: 12.40 min Scan# 3305

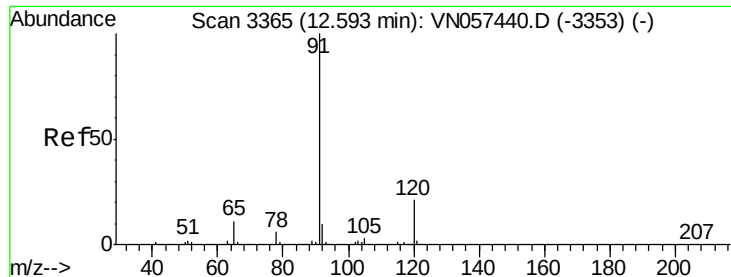
Delta R.T. -0.15 min

Lab File: VN057493.D

Acq: 24 Aug 2019 00:17

Tgt Ion:	75	Resp:	129505
Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#78

n-propylbenzene

Concen: Below Cal

RT: 12.62 min Scan# 3372

Delta R.T. 0.02 min

Lab File: VN057493.D

Acq: 24 Aug 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

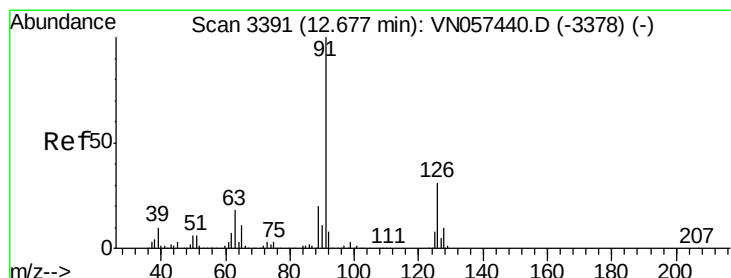
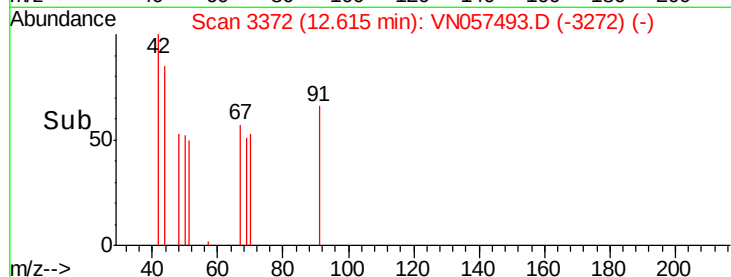
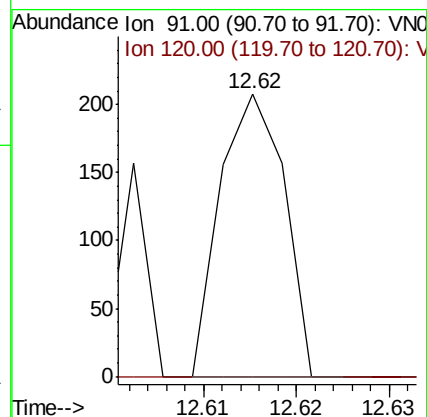
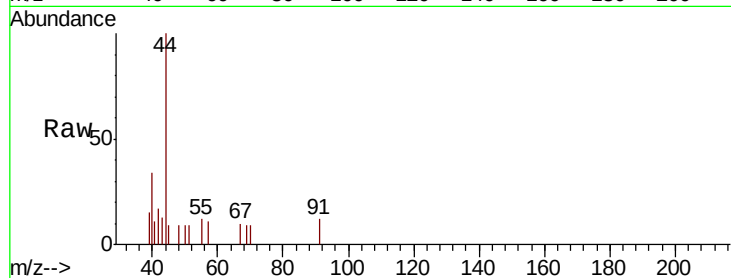
T6-S2(0)

Tgt Ion: 91 Resp: 100

Ion Ratio Lower Upper

91 100

120 0.0 10.7 32.1#



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.62 min Scan# 3372

Delta R.T. -0.06 min

Lab File: VN057493.D

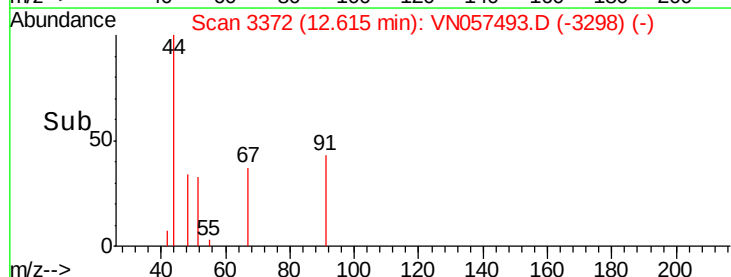
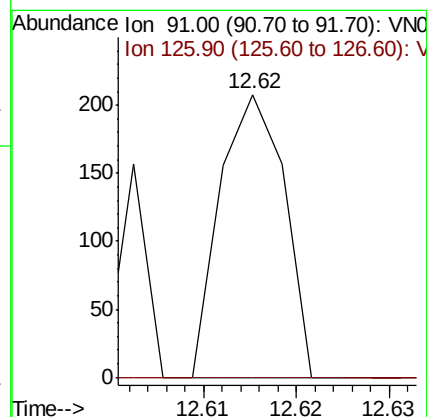
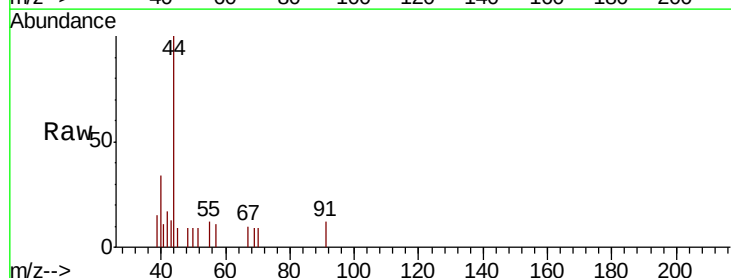
Acq: 24 Aug 2019 00:17

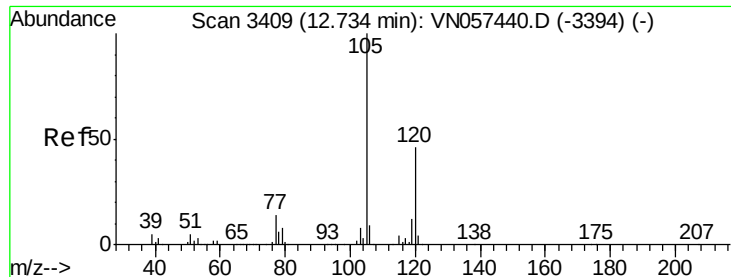
Tgt Ion: 91 Resp: 100

Ion Ratio Lower Upper

91 100

126 0.0 15.3 45.8#

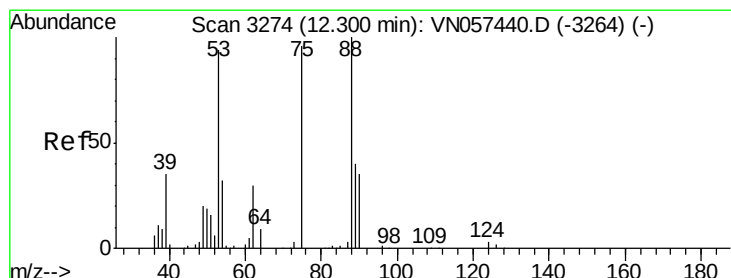
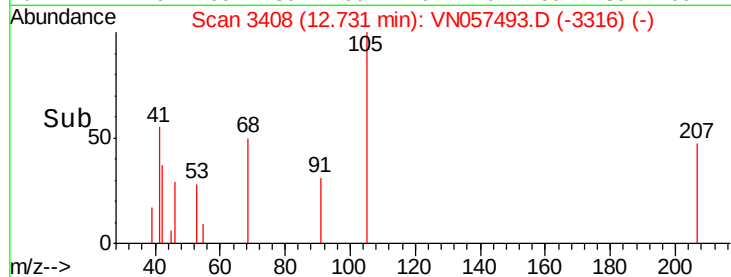
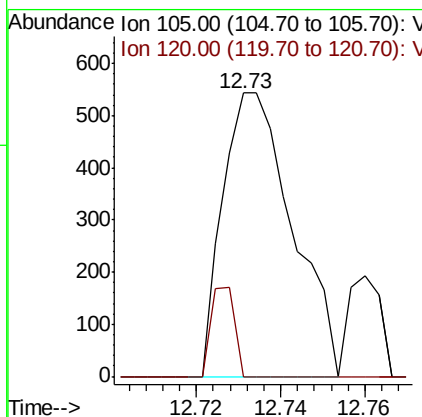
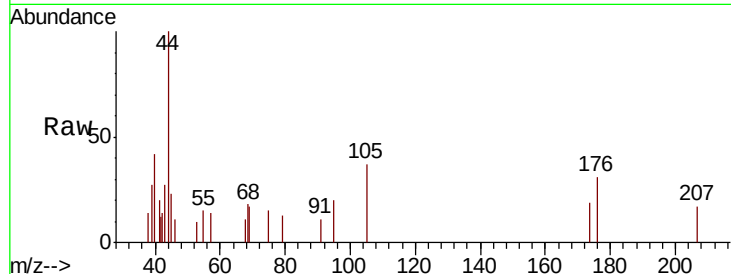




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN057493.D
 Acq: 24 Aug 2019 00:17

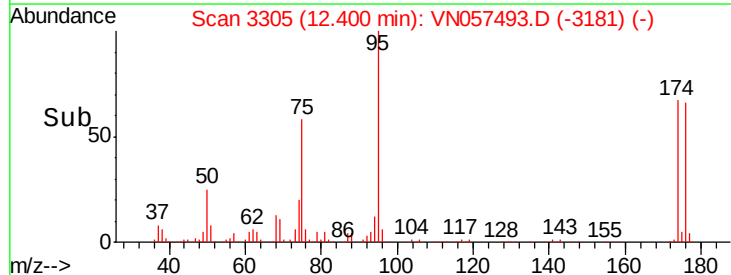
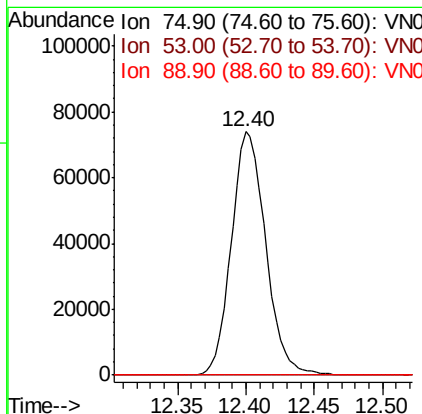
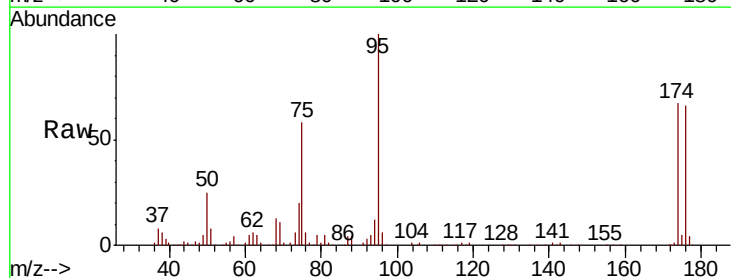
Instrument :
 MSVOA_N
 ClientSampleId :
 T6-S2(0)

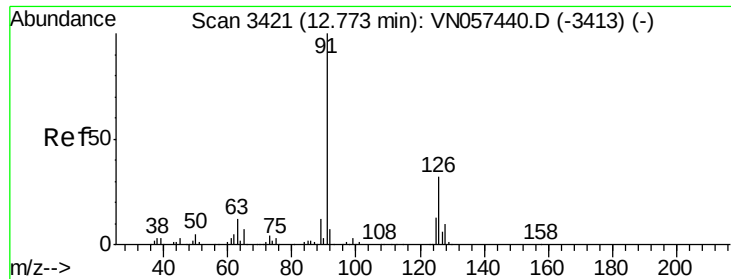
Tgt Ion: 105 Resp: 619
 Ion Ratio Lower Upper
 105 100
 120 10.5 23.3 69.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.454 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN057493.D
 Acq: 24 Aug 2019 00:17

Tgt Ion: 75 Resp: 129505
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.7 124.1#
 89 0.0 35.8 53.8#





#82

4-Chlorotoluene

Concen: Below Cal

RT: 12.74 min Scan# 3410

Delta R.T. -0.04 min

Lab File: VN057493.D

Acq: 24 Aug 2019 00:17

Instrument :

MSVOA_N

ClientSampled :

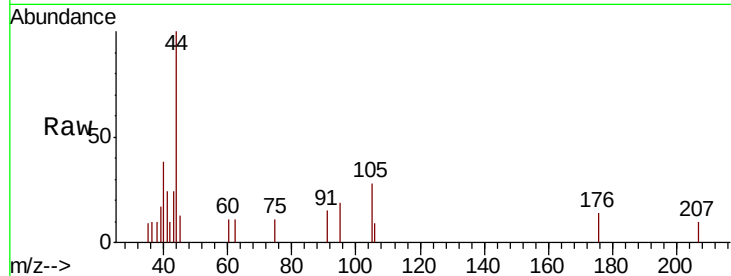
T6-S2(0)

Tgt Ion: 91 Resp: 192

Ion Ratio Lower Upper

91 100

126 0.0 15.0 45.0#



Abundance Ion 91.00 (90.70 to 91.70): VN057440.D (-3413) (-)

Ion 125.90 (125.60 to 126.60): VN057440.D (-3413) (-)

12.74

250

200

150

100

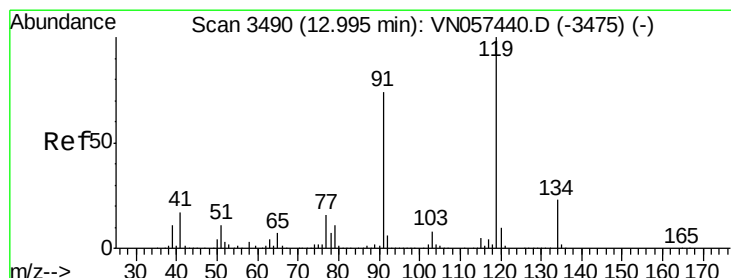
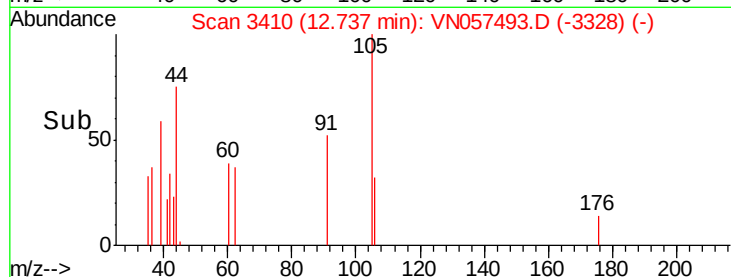
50

0

12.72

12.74

Time-->



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.00 min Scan# 3492

Delta R.T. 0.01 min

Lab File: VN057493.D

Acq: 24 Aug 2019 00:17

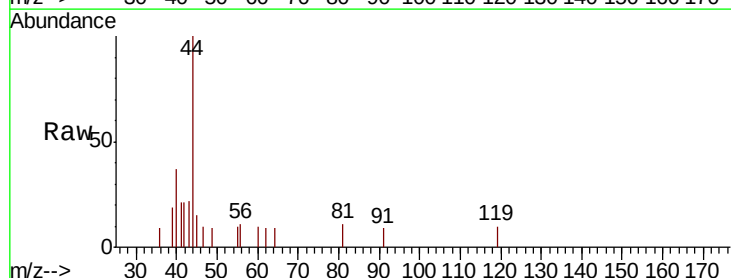
Tgt Ion: 119 Resp: 62

Ion Ratio Lower Upper

119 100

91 50.0 37.0 111.0

134 0.0 12.2 36.6#



Abundance Ion 119.00 (118.70 to 119.70): VN057440.D (-3475) (-)

Ion 91.00 (90.70 to 91.70): VN057440.D (-3475) (-)

Ion 134.00 (133.70 to 134.70): VN057440.D (-3475) (-)

300

250

200

150

100

50

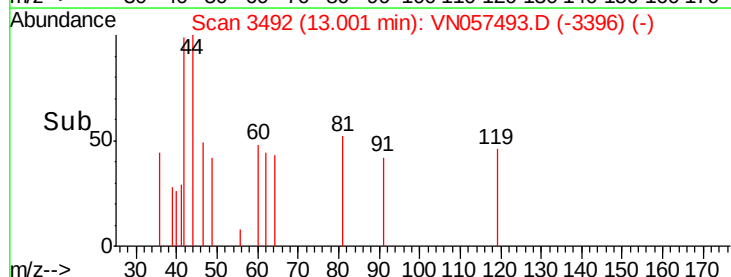
0

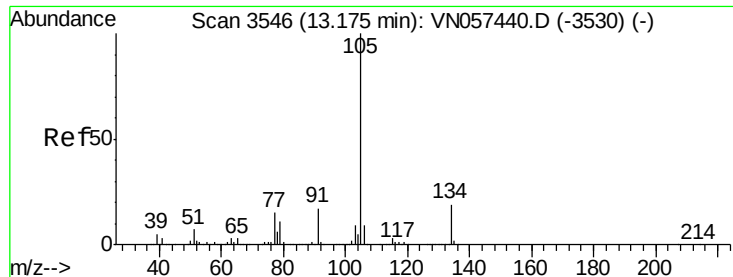
12.99

13.00

13.01

Time-->





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN057493.D

Acq: 24 Aug 2019 00:17

Instrument :

MSVOA_N

ClientSampled :

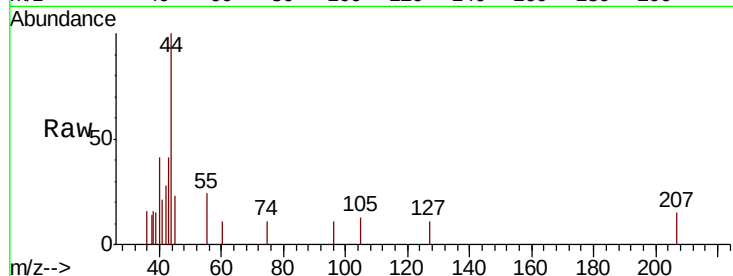
T6-S2(0)

Tgt Ion:105 Resp: 34

Ion Ratio Lower Upper

105 100

134 0.0 9.3 27.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

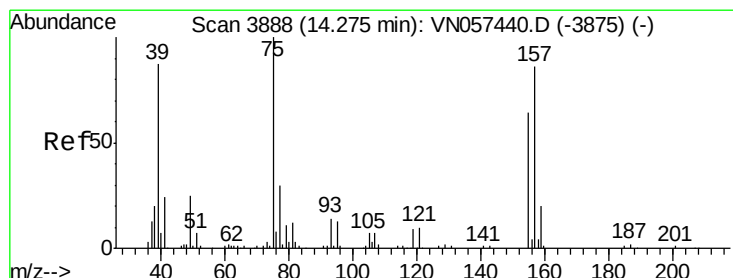
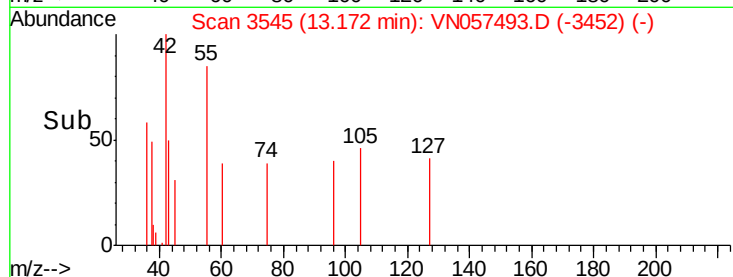
150

100

50

0

Time--> 13.16 13.17 13.18



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.34 min Scan# 3907

Delta R.T. 0.06 min

Lab File: VN057493.D

Acq: 24 Aug 2019 00:17

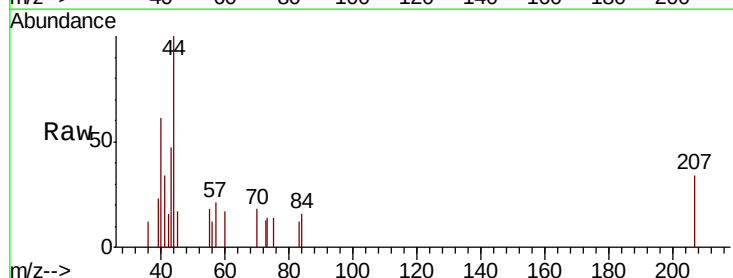
Tgt Ion: 75 Resp: 68

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): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

14.34

200

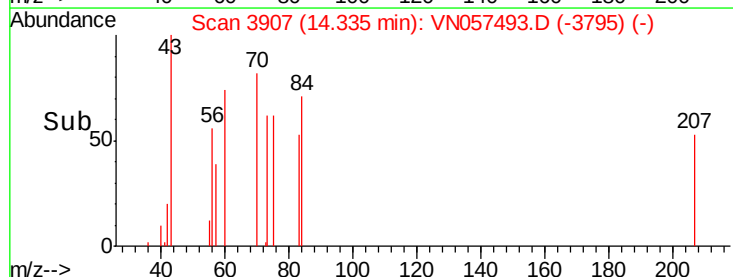
150

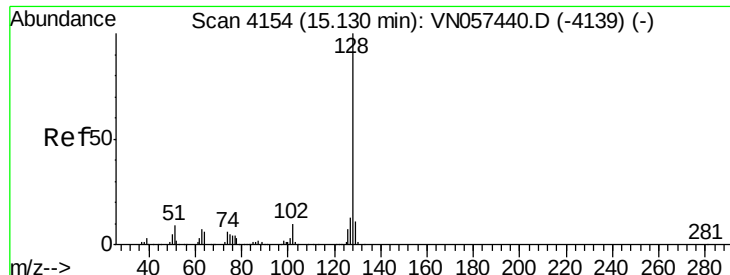
100

50

0

Time--> 14.32 14.33 14.34





#95

Naphthalene

Concen: 4.404 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN057493.D

Acq: 24 Aug 2019 00:17

Instrument :

MSVOA_N

ClientSampled :

T6-S2(0)

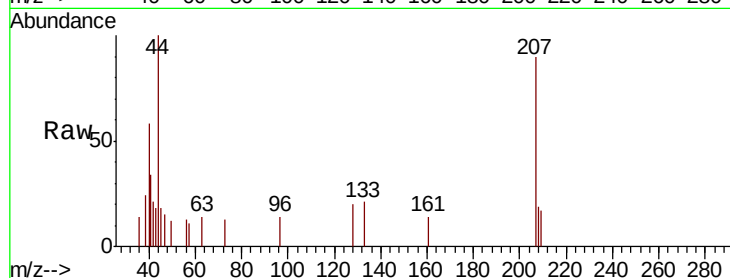
Tgt Ion:128 Resp: 384

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

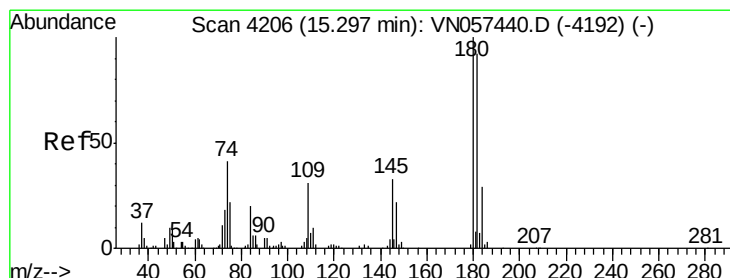
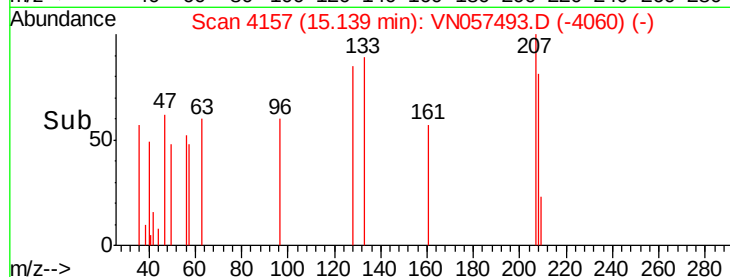
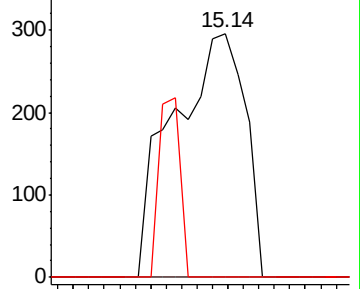
129 21.6 8.6 13.0#



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: 5.133 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. 0.01 min

Lab File: VN057493.D

Acq: 24 Aug 2019 00:17

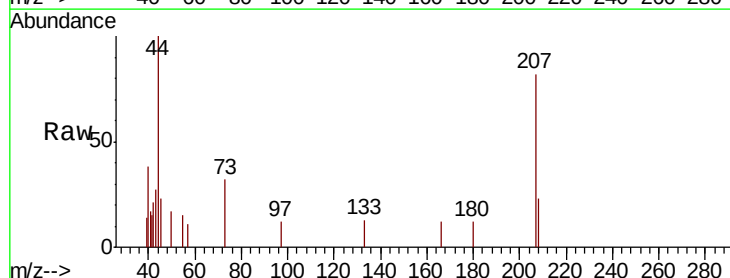
Tgt Ion:180 Resp: 33

Ion Ratio Lower Upper

180 100

182 0.0 46.7 140.1#

145 0.0 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

