

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082219\
 Data File : VN057447.D
 Acq On : 22 Aug 2019 21:41
 Operator : JC/SP
 Sample : K4403-28
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-H4(2.5)

Quant Time: Aug 23 05:14:23 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	454575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	795497	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	657866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	166402	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	375814	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
35) Dibromofluoromethane	7.57	113	256662	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
50) Toluene-d8	10.08	98	1000536	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.40	95	277403	40.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.58%	

Target Compounds					Qvalue
3) Chloromethane	2.04	50	2054	0.268 ug/l	98
5) Bromomethane	2.56	94	3709	0.645 ug/l #	71
8) Diethyl Ether	3.41	74	299	Below Cal	53
9) 1,1,2-Trichlorotrifluoroet	3.72	101	1062	Below Cal #	84
11) Tert butyl alcohol	4.80	59	268	0.270 ug/l #	32
13) Acrolein	3.57	56	506	0.579 ug/l #	13
16) Acetone	3.79	43	23968	6.527 ug/l	90
17) Carbon Disulfide	4.02	76	4814	0.326 ug/l	97
18) Methyl Acetate	4.31	43	11097	0.455 ug/l	100
20) Methylene Chloride	4.53	84	12925	2.302 ug/l	89
25) 2-Butanone	6.83	43	3583	0.899 ug/l #	53
31) Cyclohexane	7.65	56	15267	1.359 ug/l #	23
36) 1,1-Dichloropropene	7.65	75	44445	5.468 ug/l #	52
38) Carbon Tetrachloride	7.65	117	49683	6.153 ug/l #	15
40) Benzene	8.03	78	11264	0.462 ug/l	94
43) Isopropyl Acetate	8.16	43	99184	6.735 ug/l	100
46) Dibromomethane	9.21	93	157	Below Cal #	48
48) Methyl methacrylate	9.18	41	4901	0.700 ug/l #	19
49) 1,4-Dioxane	9.21	88	68	0.751 ug/l #	18
51) 4-Methyl-2-Pentanone	9.98	43	8860	1.079 ug/l	89
54) cis-1,3-Dichloropropene	9.90	75	33454	3.165 ug/l #	61
57) 1,3-Dichloropropane	10.76	76	3897	0.394 ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.70	63	283	17.170 ug/l #	52
59) 2-Hexanone	10.76	43	58737	10.433 ug/l #	61
71) Bromoform	12.40	173	1624	0.471 ug/l #	1
73) Isopropylbenzene	12.25	105	2553	Below Cal	91
74) N-amyl acetate	12.06	43	3917	Below Cal #	68
75) 1,1,2,2-Tetrachloroethane	12.50	83	222	Below Cal #	20
76) 1,2,3-Trichloropropane	12.40	75	156833	41.981 ug/l #	100
77) Bromobenzene	12.52	156	330	Below Cal #	1
78) n-propylbenzene	12.59	91	4427	Below Cal	85
79) 2-Chlorotoluene	12.68	91	2574	Below Cal	93
80) 1,3,5-Trimethylbenzene	12.73	105	4022	Below Cal	72
81) trans-1,4-Dichloro-2-buten	12.40	75	156833	108.051 ug/l #	9

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082219\
 Data File : VN057447.D
 Acq On : 22 Aug 2019 21:41
 Operator : JC/SP
 Sample : K4403-28
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-H4-(2.5)

Quant Time: Aug 23 05:14:23 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

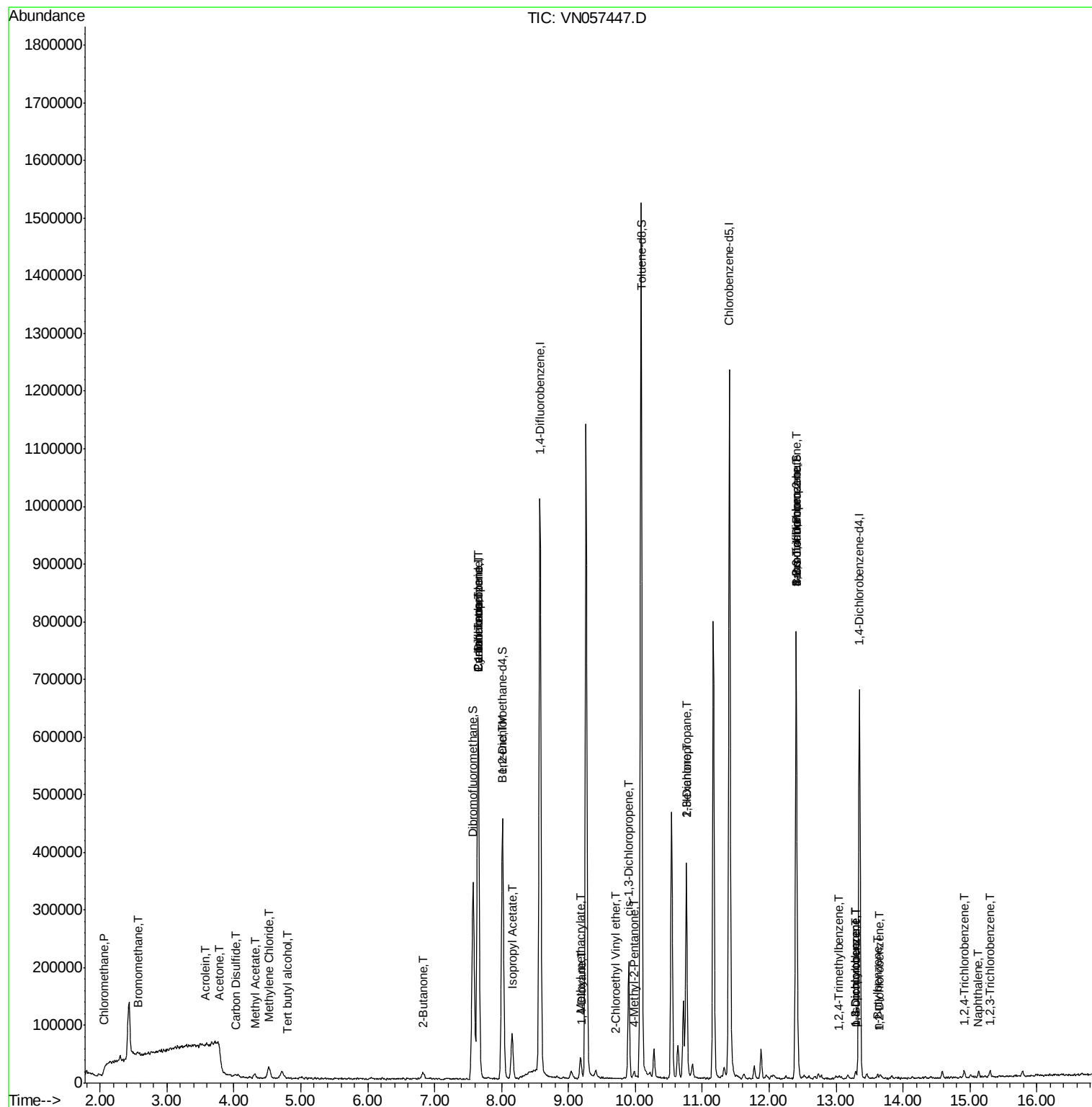
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.78	91	2997	Below Cal		84
83) tert-Butylbenzene	13.00	119	2492	Below Cal	#	26
84) 1,2,4-Trimethylbenzene	13.04	105	2941	0.227 ug/l		99
85) sec-Butylbenzene	13.17	105	4091	Below Cal		87
86) p-Isopropyltoluene	13.29	119	3502	0.269 ug/l	#	76
87) 1,3-Dichlorobenzene	13.29	146	2576	0.479 ug/l		93
88) 1,4-Dichlorobenzene	13.29	146	2576	0.489 ug/l		94
89) n-Butylbenzene	13.62	91	4646	0.422 ug/l		97
90) Hexachloroethane	13.89	117	240	Below Cal	#	17
91) 1,2-Dichlorobenzene	13.66	146	1907	0.372 ug/l		73
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31	Below Cal	#	11
93) 1,2,4-Trichlorobenzene	14.92	180	2397	6.402 ug/l		87
94) Hexachlorobutadiene	15.01	225	621	Below Cal		82
95) Naphthalene	15.13	128	7786	5.413 ug/l		98
96) 1,2,3-Trichlorobenzene	15.30	180	2943	6.389 ug/l		94

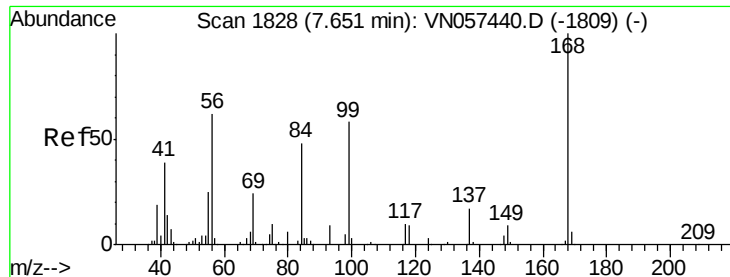
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN082219\
Data File : VN057447.D
Acq On : 22 Aug 2019 21:41
Operator : JC/SP
Sample : K4403-28
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T1-H4-(2.5)

Quant Time: Aug 23 05:14:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 05:07:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057447.D

Acq: 22 Aug 2019 21:41

Instrument :

MSVOA_N

ClientSampleId :

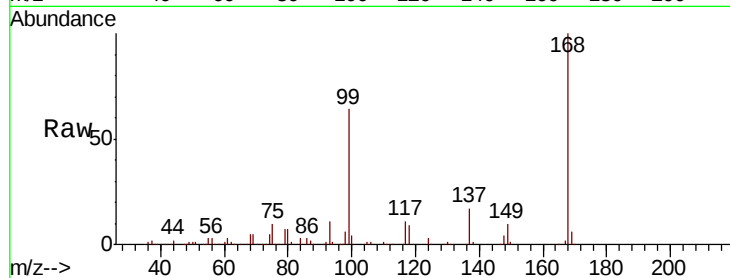
T1-H4-(2.5)

Tgt Ion:168 Resp: 454575

Ion Ratio Lower Upper

168 100

99 63.6 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

200000

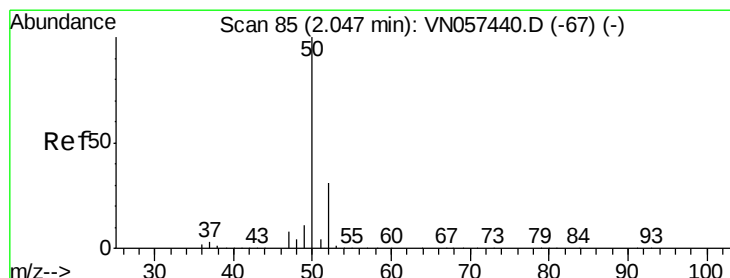
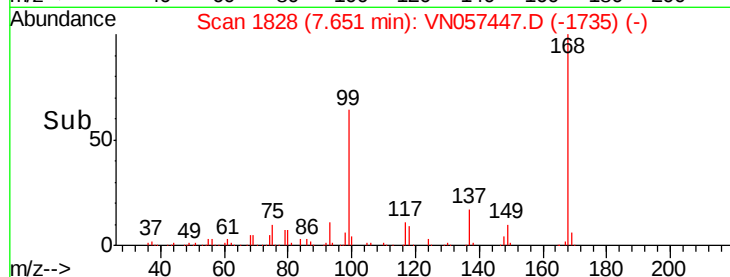
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.268 ug/l

RT: 2.04 min Scan# 84

Delta R.T. -0.00 min

Lab File: VN057447.D

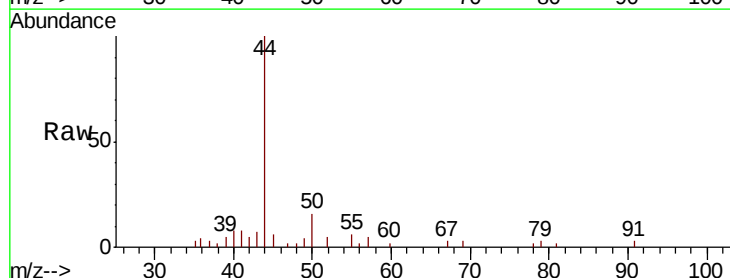
Acq: 22 Aug 2019 21:41

Tgt Ion: 50 Resp: 2054

Ion Ratio Lower Upper

50 100

52 32.3 25.1 37.7



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

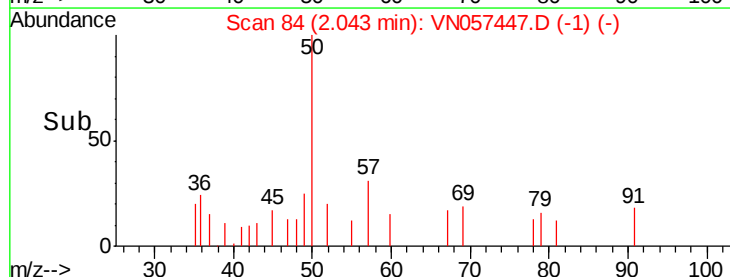
1500

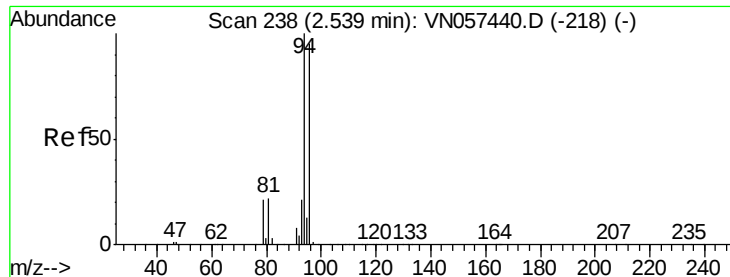
1000

500

0

Time-->





#5

Bromomethane

Concen: 0.645 ug/l

RT: 2.56 min Scan# 245

Delta R.T. 0.02 min

Lab File: VN057447.D

Acq: 22 Aug 2019 21:41

Instrument :

MSVOA_N

ClientSampled :

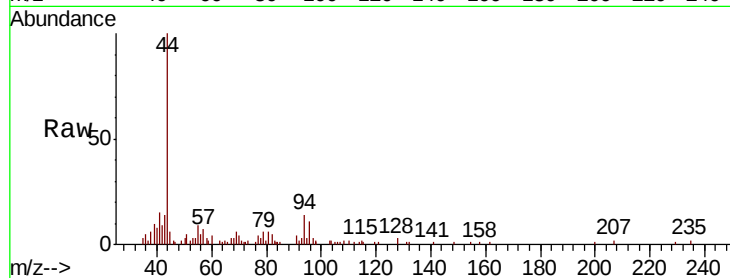
T1-H4-(2.5)

Tgt Ion: 94 Resp: 3709

Ion Ratio Lower Upper

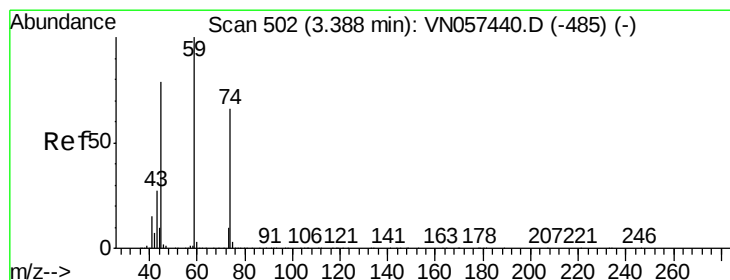
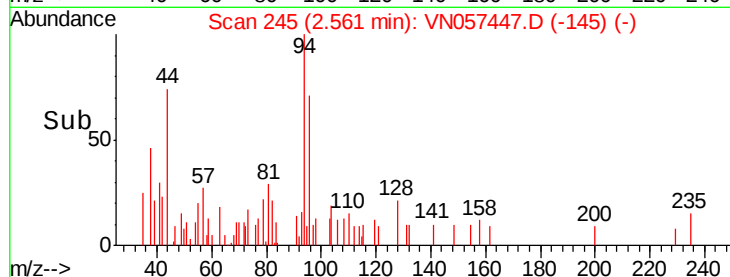
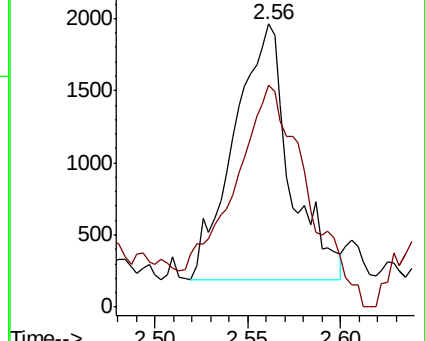
94 100

96 67.0 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#8

Diethyl Ether

Concen: Below Cal

RT: 3.41 min Scan# 510

Delta R.T. 0.03 min

Lab File: VN057447.D

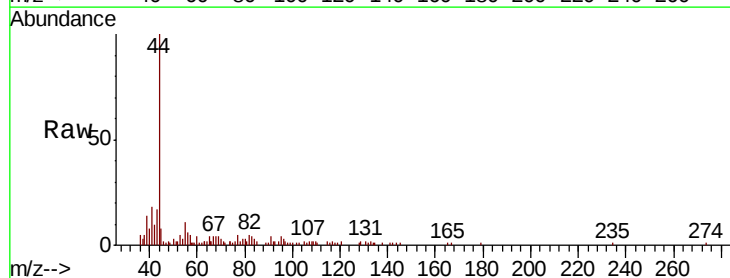
Acq: 22 Aug 2019 21:41

Tgt Ion: 74 Resp: 299

Ion Ratio Lower Upper

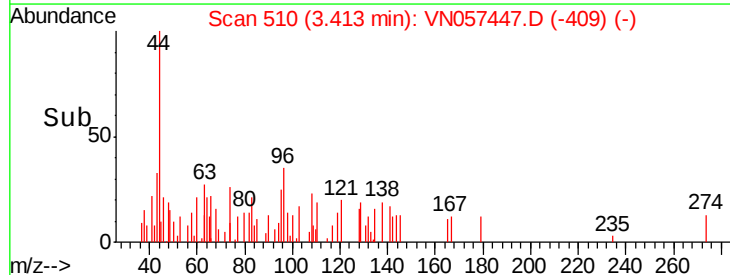
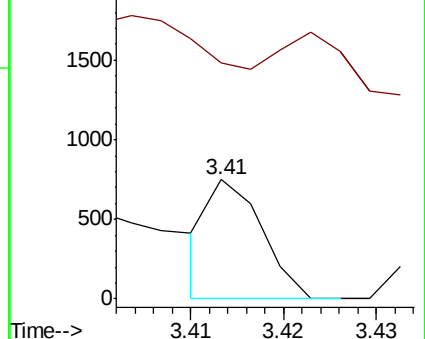
74 100

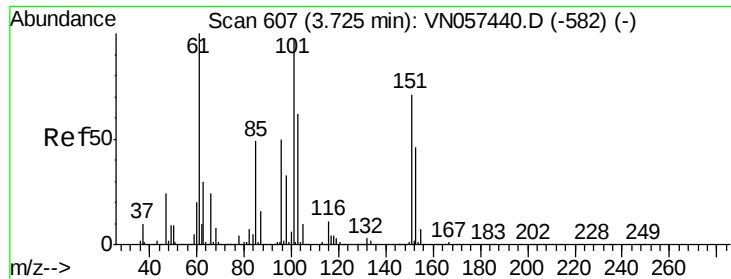
45 64.2 57.9 173.6



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: VN057447.D

Acq: 22 Aug 2019 21:41

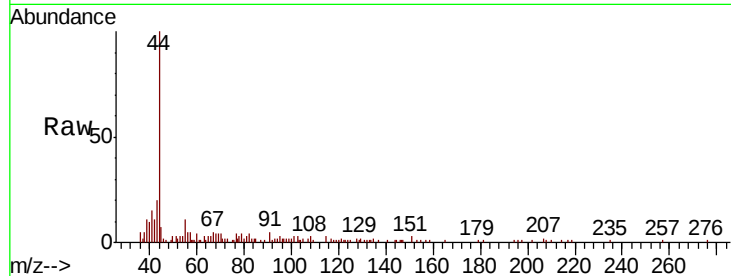
Instrument :

MSVOA_N

ClientSampled :

T1-H4-(2.5)

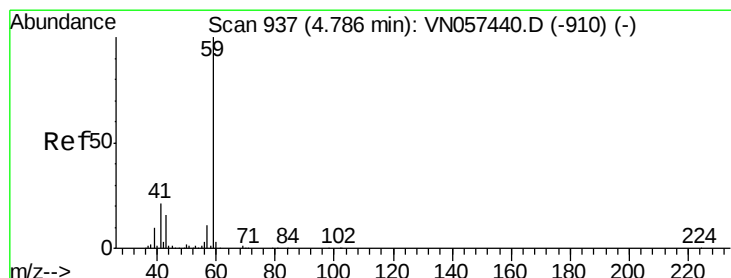
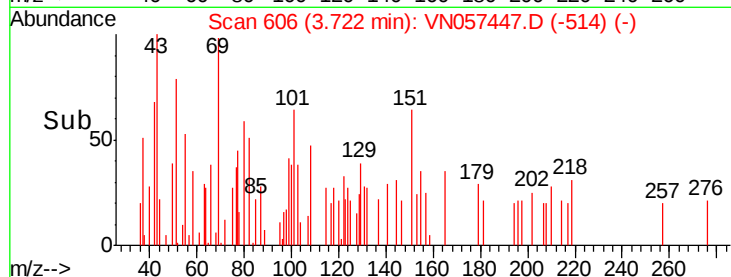
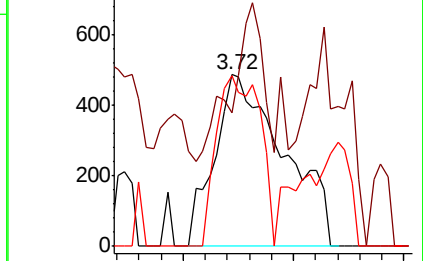
Tgt Ion:	101	Resp:	1062
Ion Ratio	Lower	Upper	
101	100		
85	65.7	40.0	60.0#
151	62.2	57.0	85.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VNO

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 0.270 ug/l

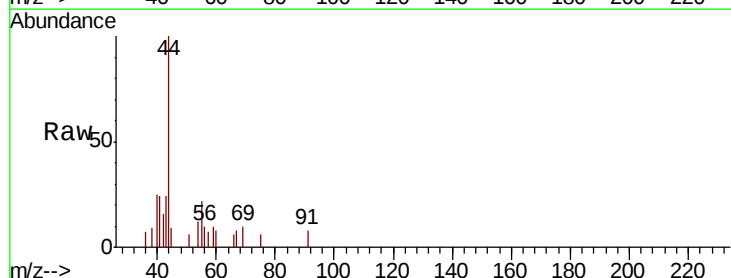
RT: 4.80 min Scan# 940

Delta R.T. 0.01 min

Lab File: VN057447.D

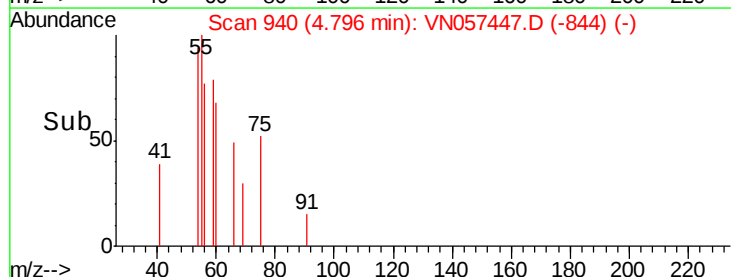
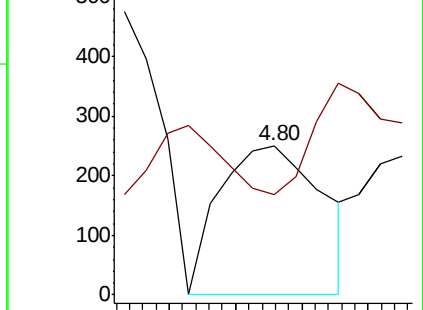
Acq: 22 Aug 2019 21:41

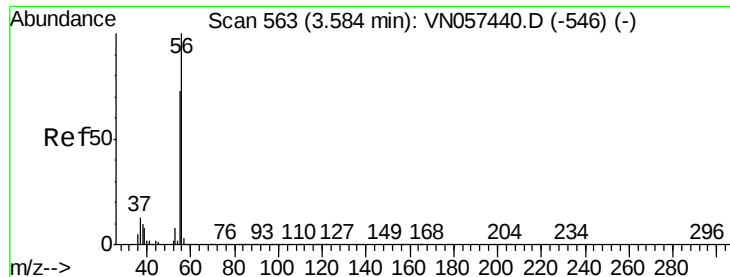
Tgt Ion:	59	Resp:	268
Ion Ratio	Lower	Upper	
59	100		
57	37.3	9.1	13.7#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#13

Acrolein

Concen: 0.579 ug/l

RT: 3.57 min Scan# 559

Delta R.T. -0.01 min

Lab File: VN057447.D

Acq: 22 Aug 2019 21:41

Instrument :

MSVOA_N

ClientSampled :

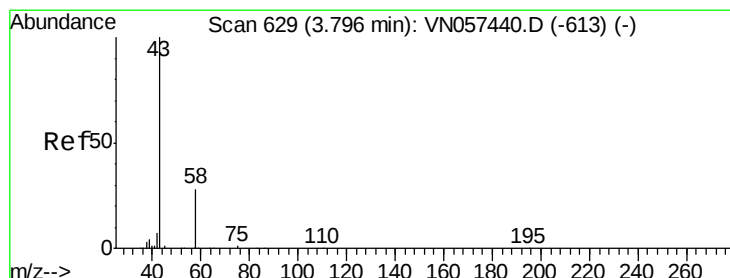
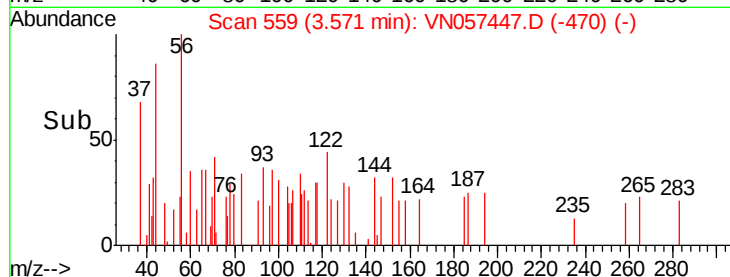
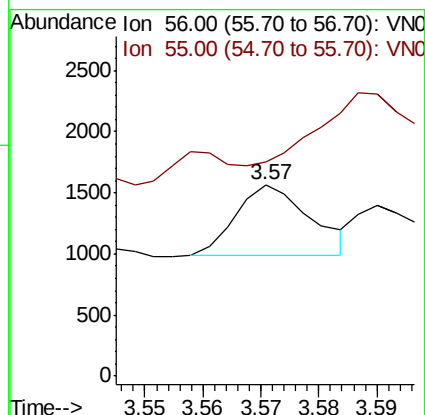
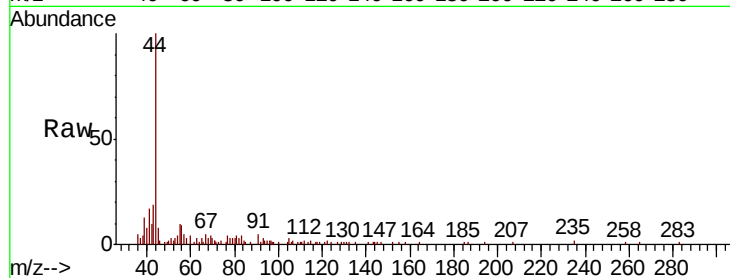
T1-H4(2.5)

Tgt Ion: 56 Resp: 506

Ion Ratio Lower Upper

56 100

55 0.0 59.0 88.4#



#16

Acetone

Concen: 6.527 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.01 min

Lab File: VN057447.D

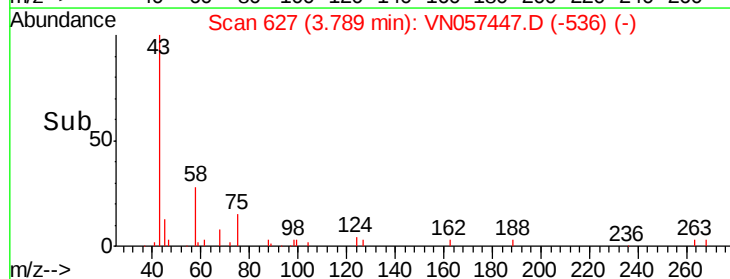
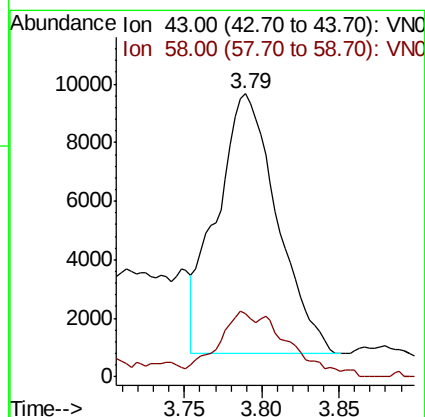
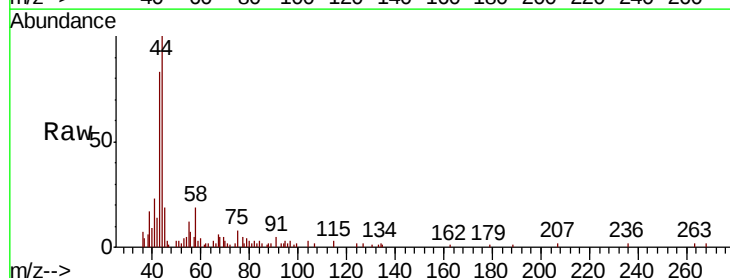
Acq: 22 Aug 2019 21:41

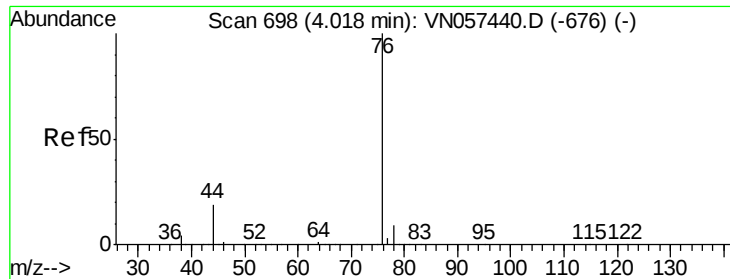
Tgt Ion: 43 Resp: 23968

Ion Ratio Lower Upper

43 100

58 22.2 22.1 33.1

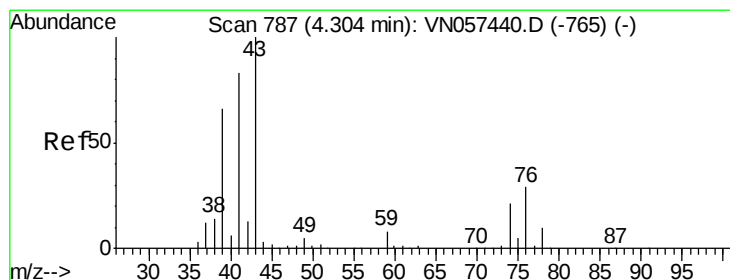
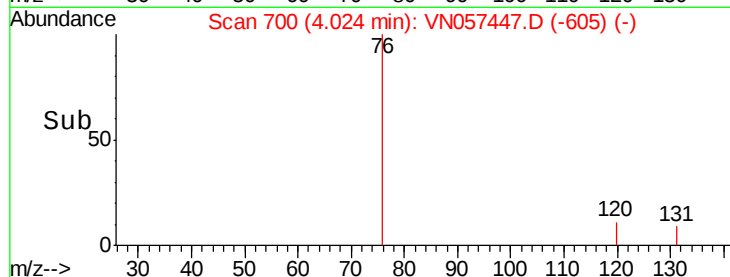
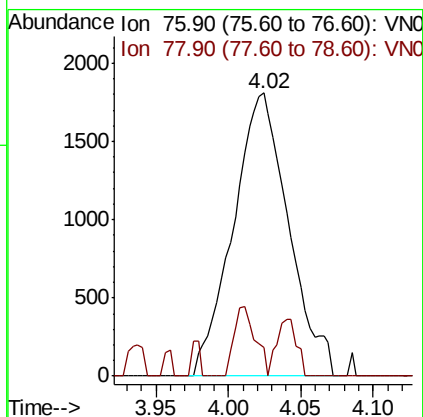
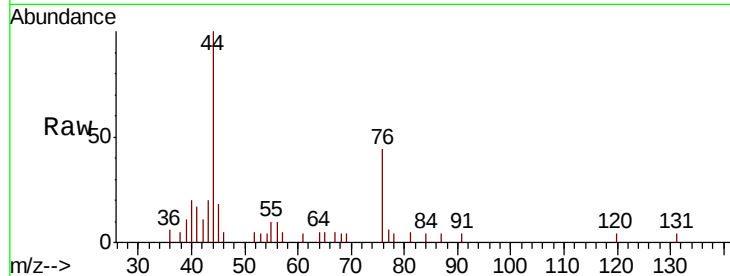




#17
Carbon Disulfide
Concen: 0.326 ug/l
RT: 4.02 min Scan# 700
Delta R.T. 0.01 min
Lab File: VN057447.D
Acq: 22 Aug 2019 21:41

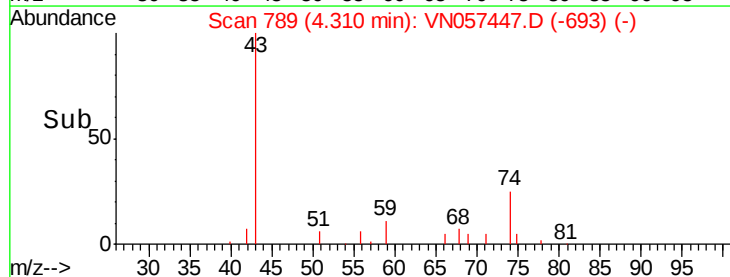
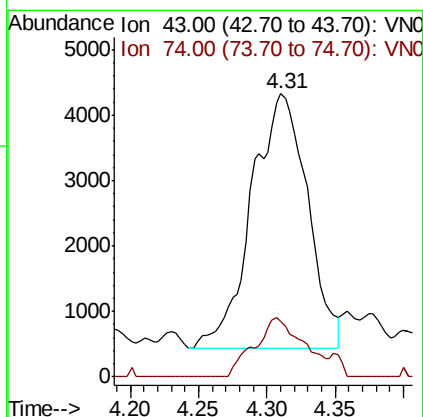
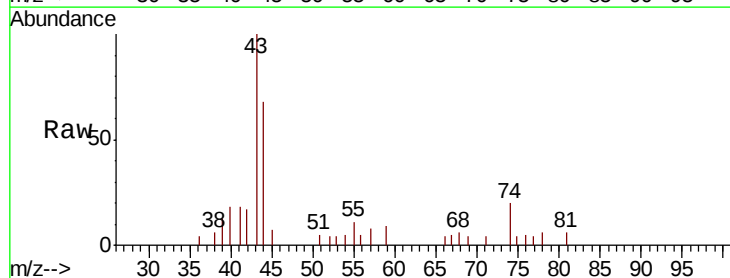
Instrument :
MSVOA_N
ClientSampled :
T1-H4-(2.5)

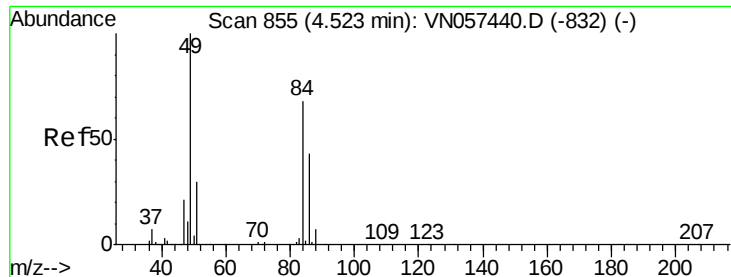
Tgt Ion: 76 Resp: 4814
Ion Ratio Lower Upper
76 100
78 10.0 7.1 10.7



#18
Methyl Acetate
Concen: 0.455 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN057447.D
Acq: 22 Aug 2019 21:41

Tgt Ion: 43 Resp: 11097
Ion Ratio Lower Upper
43 100
74 20.1 15.9 23.9





#20

Methylene Chloride

Concen: 2.302 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN057447.D

Acq: 22 Aug 2019 21:41

Instrument :

MSVOA_N

ClientSampled :

T1-H4-(2.5)

Tgt Ion: 84 Resp: 12925

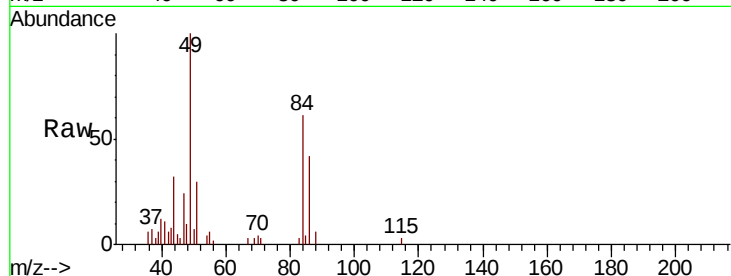
Ion Ratio Lower Upper

84 100

49 164.9 117.0 175.4

51 43.7 35.5 53.3

86 69.6 49.8 74.8

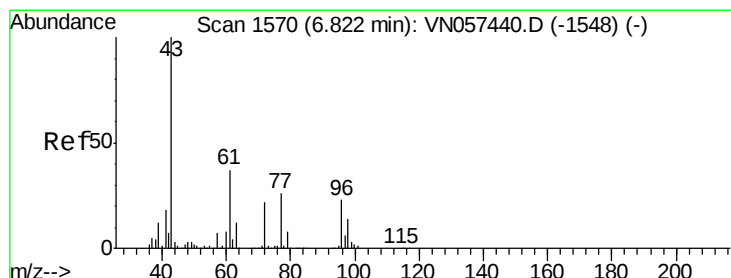
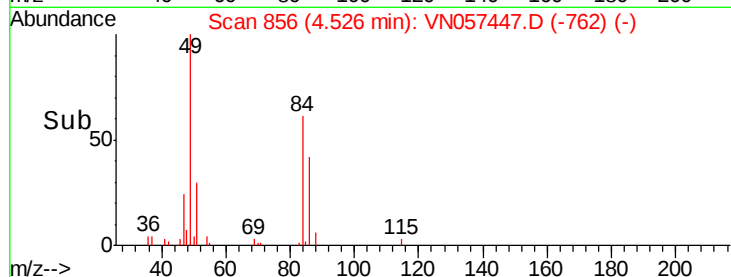
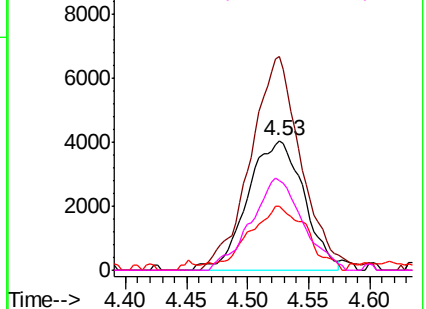


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 0.899 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VN057447.D

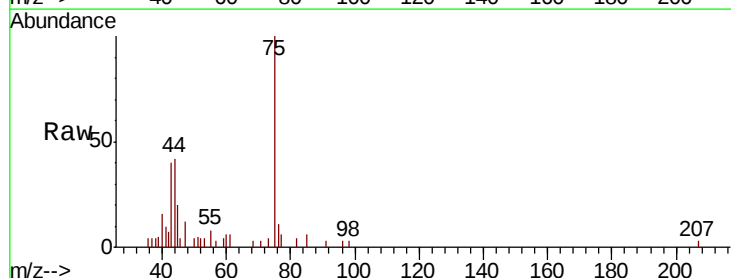
Acq: 22 Aug 2019 21:41

Tgt Ion: 43 Resp: 3583

Ion Ratio Lower Upper

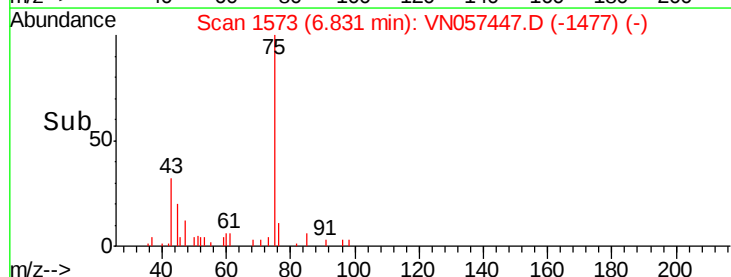
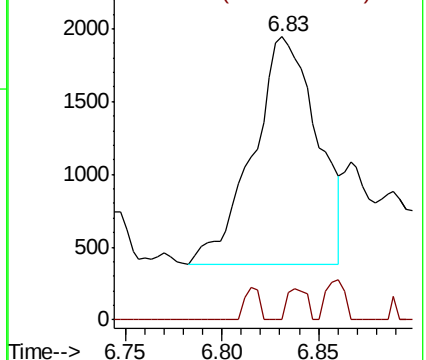
43 100

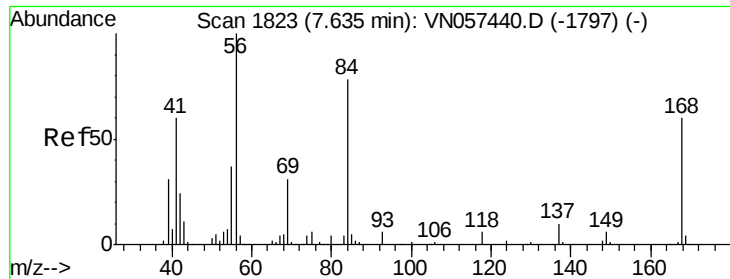
72 0.0 17.8 26.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

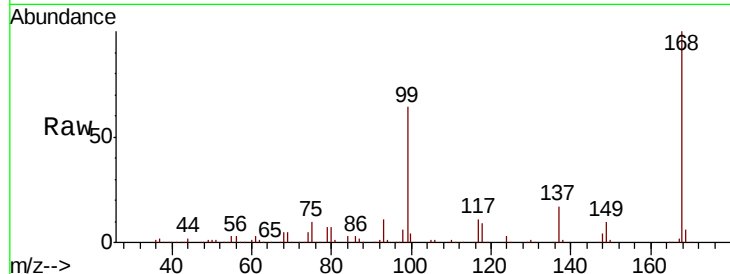




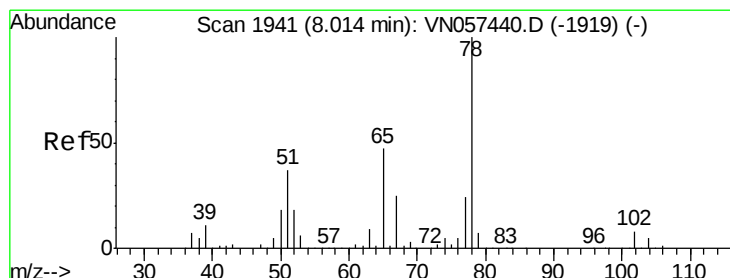
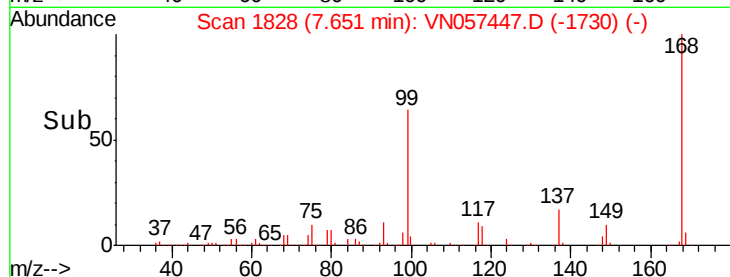
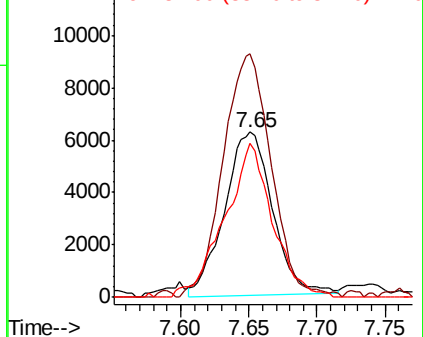
#31
Cyclohexane
Concen: 1.359 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN057447.D
Acq: 22 Aug 2019 21:41

Instrument :
MSVOA_N
ClientSampled :
T1-H4-(2.5)

Tgt Ion: 56 Resp: 15267
Ion Ratio Lower Upper
56 100
69 150.4 25.0 37.6#
84 96.8 62.5 93.7#

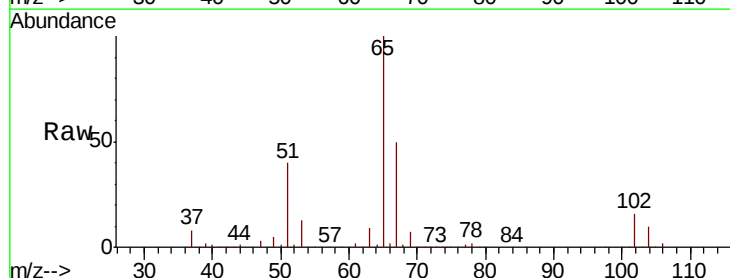


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

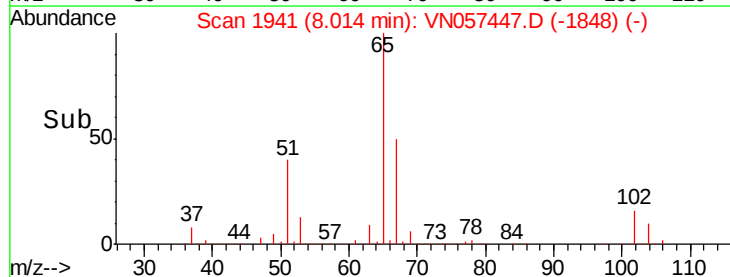
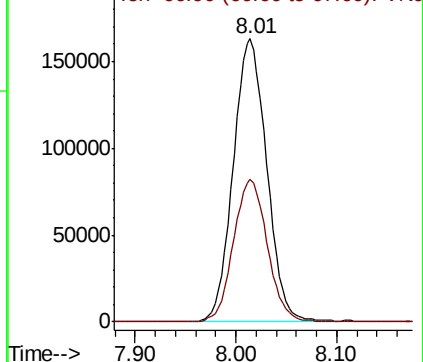


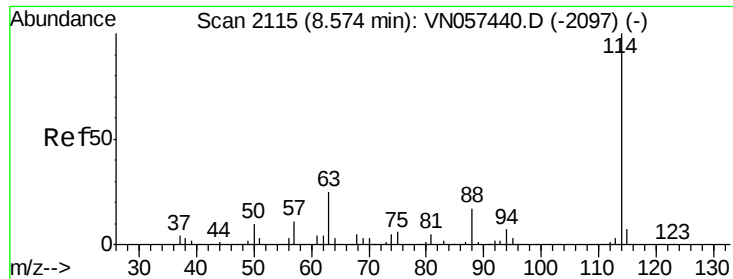
#33
1,2-Dichloroethane-d4
Concen: 46.997 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057447.D
Acq: 22 Aug 2019 21:41

Tgt Ion: 65 Resp: 375814
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.8



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

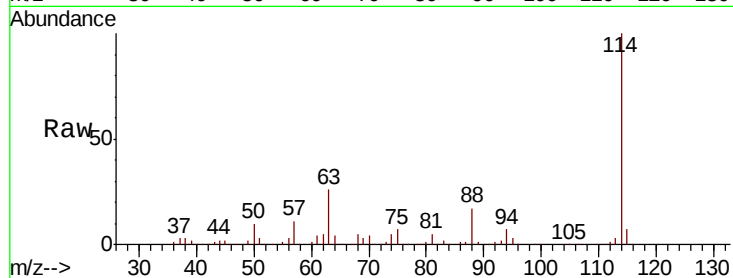




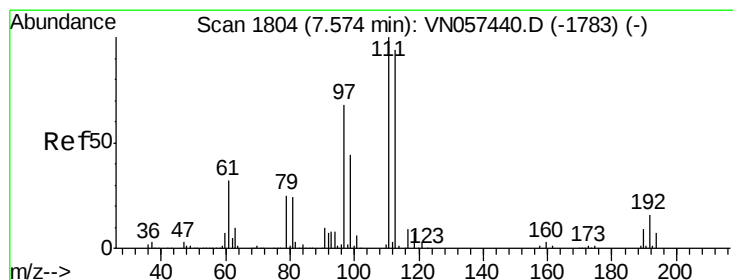
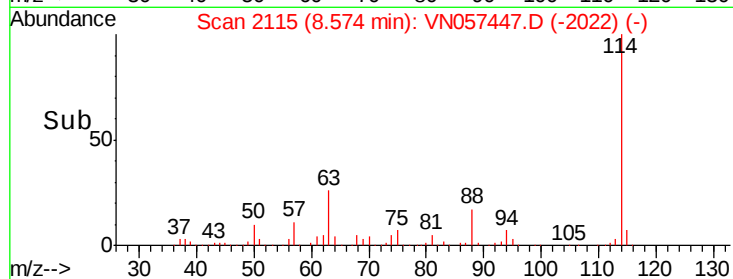
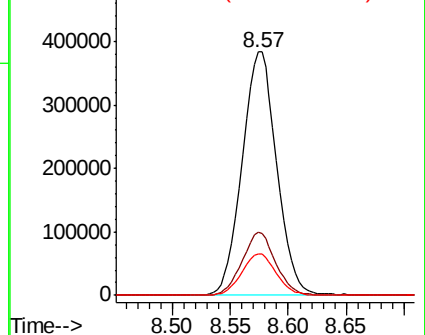
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN057447.D
Acq: 22 Aug 2019 21:41

Instrument :
MSVOA_N
ClientSampleId :
T1-H4-(2.5)

Tgt Ion:114 Resp: 795497
Ion Ratio Lower Upper
114 100
63 25.9 0.0 50.2
88 17.2 0.0 34.6

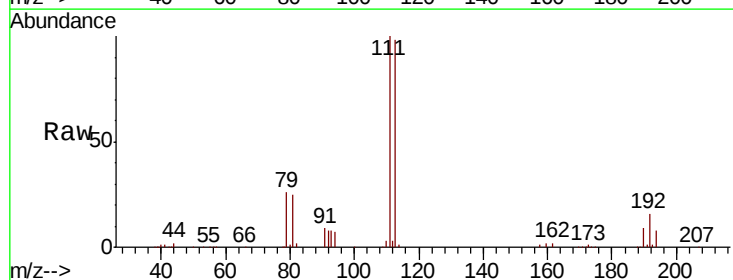


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

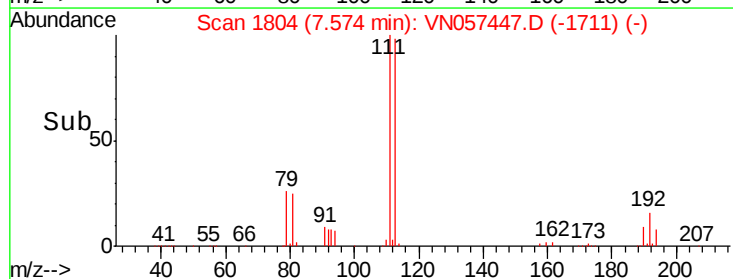
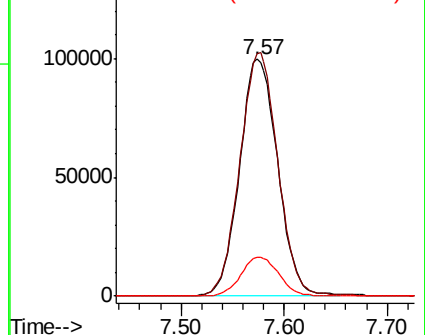


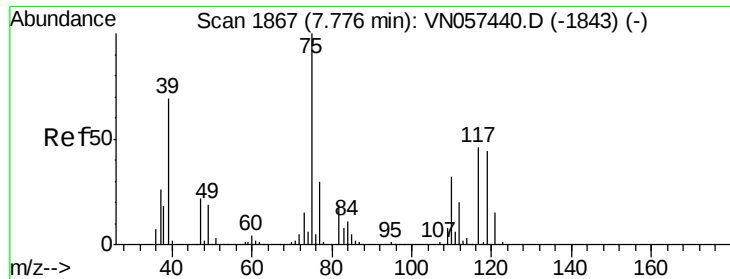
#35
Dibromofluoromethane
Concen: 47.767 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN057447.D
Acq: 22 Aug 2019 21:41

Tgt Ion:113 Resp: 256662
Ion Ratio Lower Upper
113 100
111 101.7 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

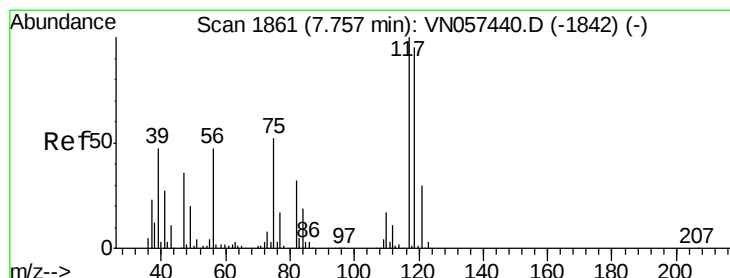
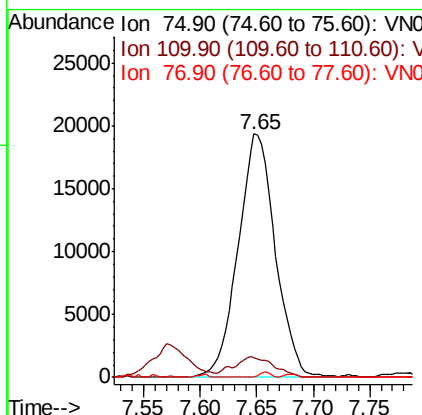
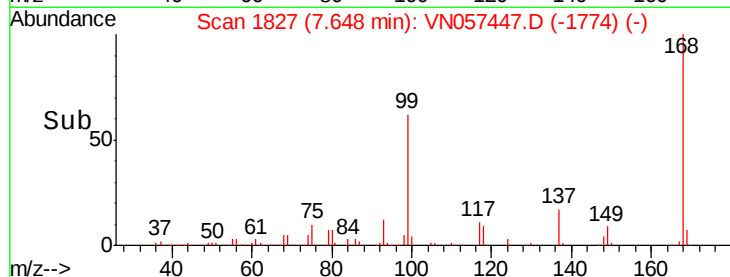
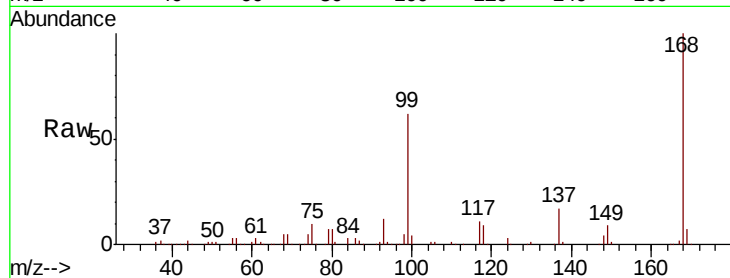




#36
 1,1-Dichloropropene
 Concen: 5.468 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN057447.D
 Acq: 22 Aug 2019 21:41

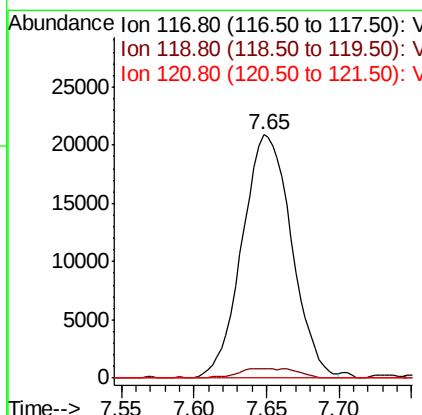
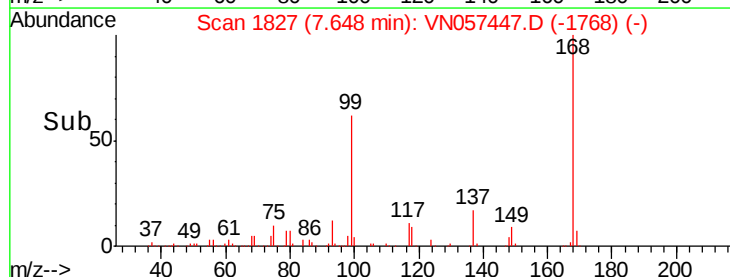
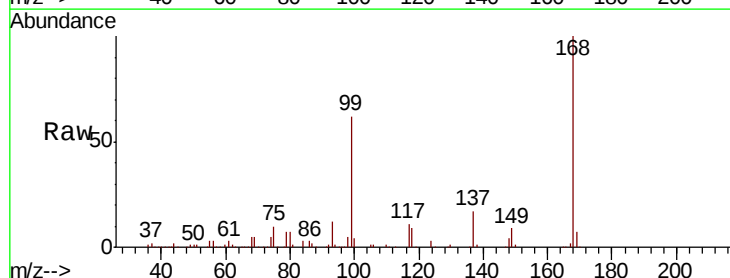
Instrument :
 MSVOA_N
 ClientSampled :
 T1-H4-(2.5)

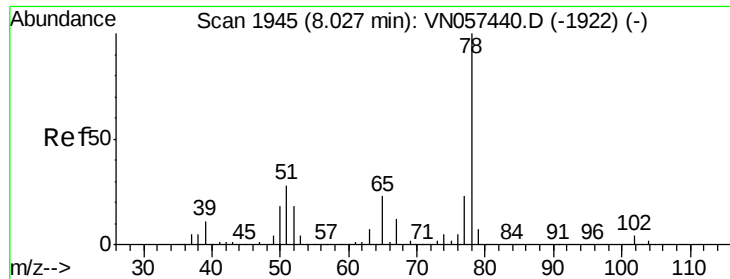
Tgt Ion: 75 Resp: 44445
 Ion Ratio Lower Upper
 75 100
 110 9.2 16.1 48.3#
 77 0.6 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.153 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN057447.D
 Acq: 22 Aug 2019 21:41

Tgt Ion: 117 Resp: 49683
 Ion Ratio Lower Upper
 117 100
 119 3.8 76.2 114.4#
 121 0.0 23.8 35.6#





#40

Benzene

Concen: 0.462 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN057447.D

Acq: 22 Aug 2019 21:41

Instrument :

MSVOA_N

ClientSampleId :

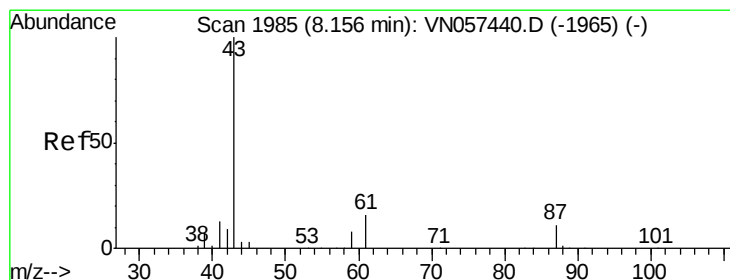
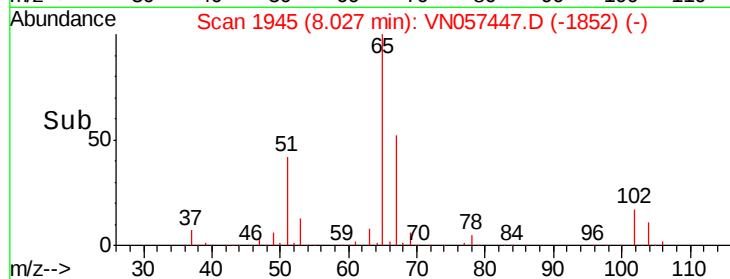
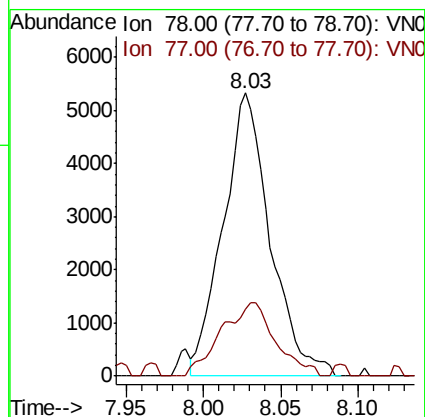
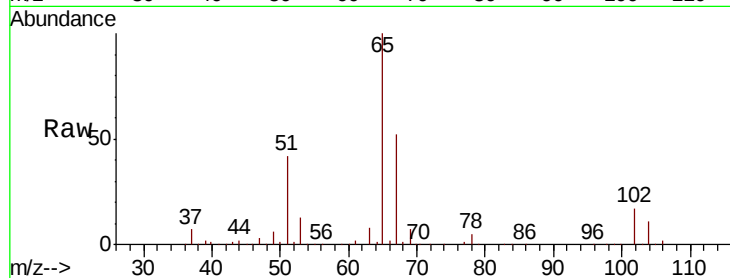
T1-H4-(2.5)

Tgt Ion: 78 Resp: 11264

Ion Ratio Lower Upper

78 100

77 20.2 18.5 27.7



#43

Isopropyl Acetate

Concen: 6.735 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057447.D

Acq: 22 Aug 2019 21:41

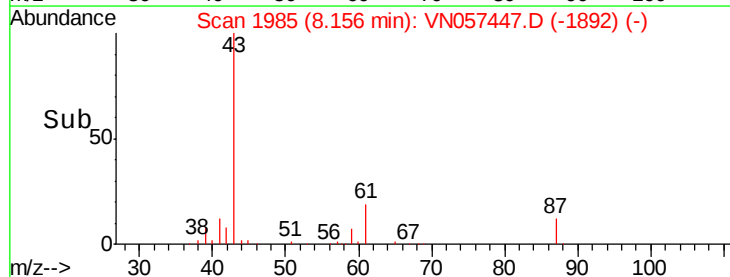
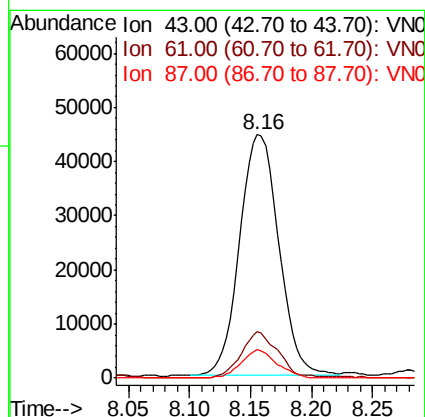
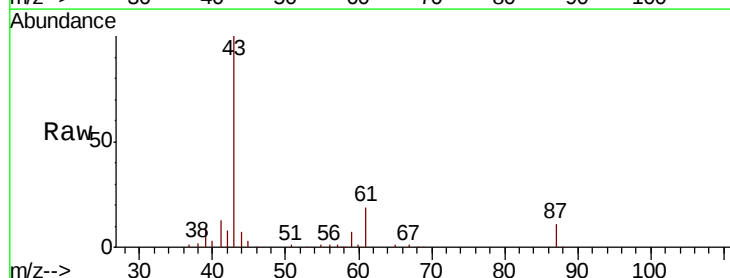
Tgt Ion: 43 Resp: 99184

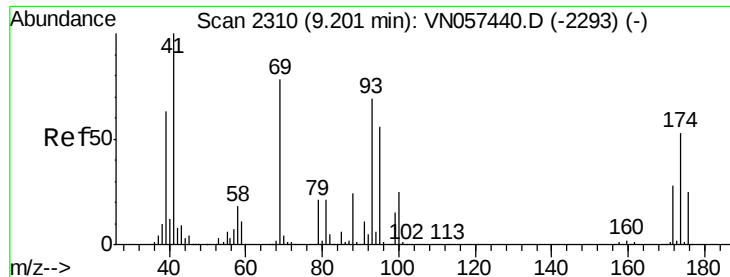
Ion Ratio Lower Upper

43 100

61 18.0 14.5 21.7

87 10.5 8.6 12.8





#46

Dibromomethane

Concen: Below Cal

RT: 9.21 min Scan# 2312

Delta R.T. 0.01 min

Lab File: VN057447.D

Acq: 22 Aug 2019 21:41

Instrument :

MSVOA_N

ClientSampled :

T1-H4-(2.5)

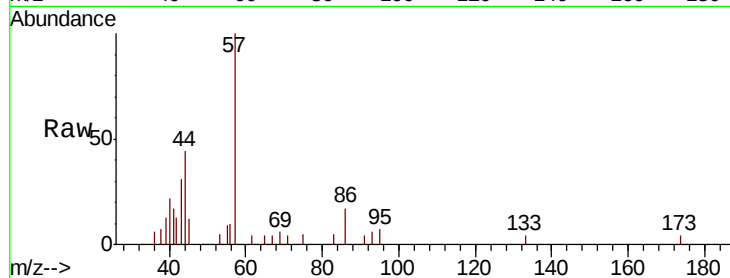
Tgt Ion: 93 Resp: 157

Ion Ratio Lower Upper

93 100

95 158.0 64.7 97.1#

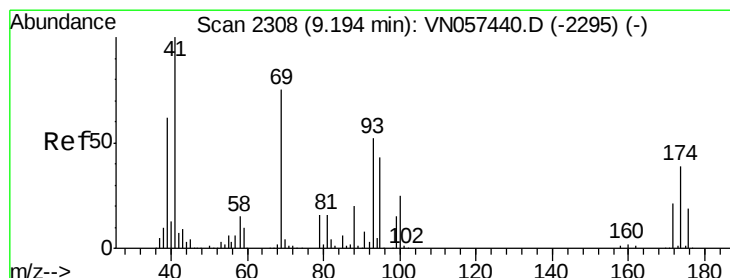
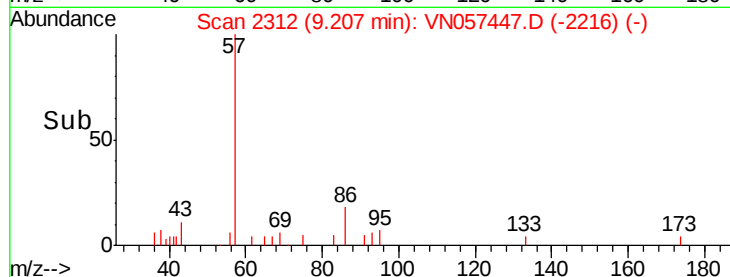
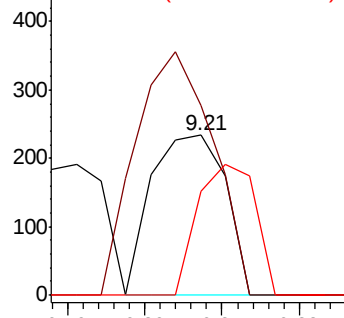
174 63.7 62.3 93.5



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): VN0



#48

Methyl methacrylate

Concen: 0.700 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN057447.D

Acq: 22 Aug 2019 21:41

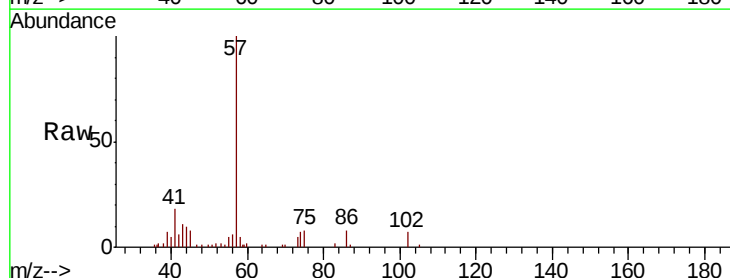
Tgt Ion: 41 Resp: 4901

Ion Ratio Lower Upper

41 100

69 6.3 59.3 88.9#

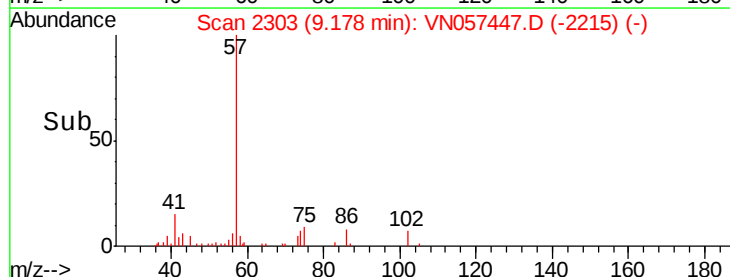
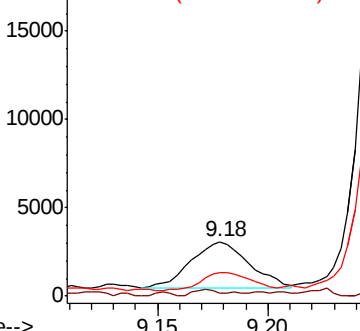
39 0.0 50.6 75.8#

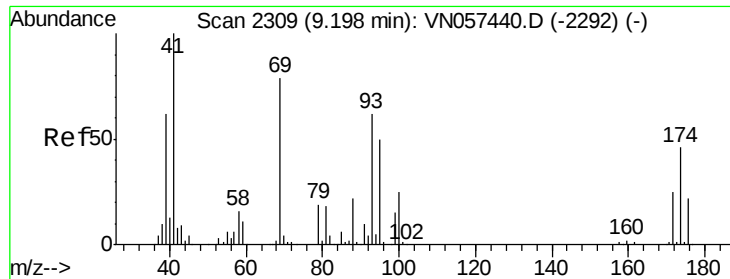


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

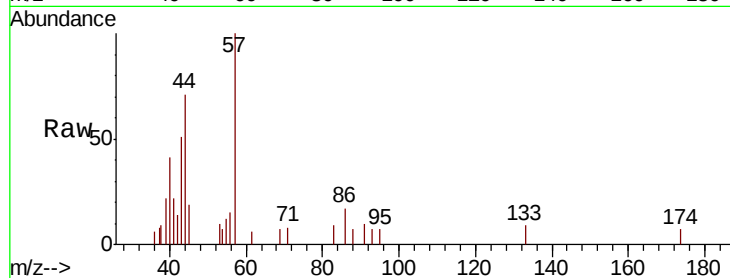




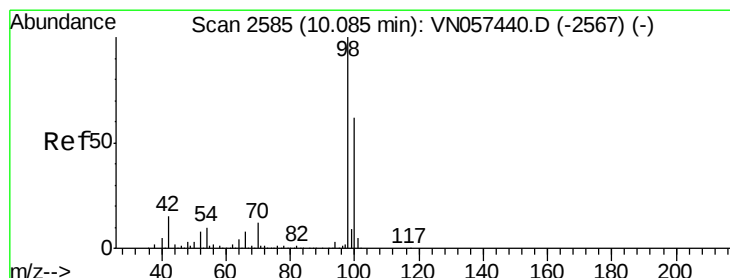
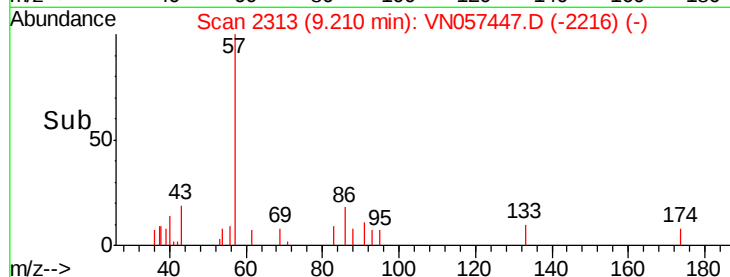
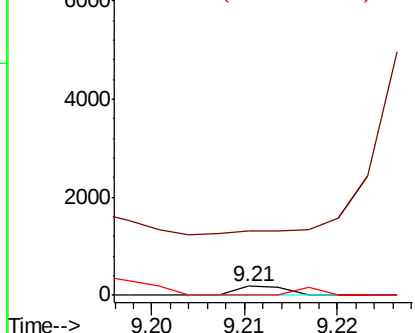
#49
 1,4-Dioxane
 Concen: 0.751 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.01 min
 Lab File: VN057447.D
 Acq: 22 Aug 2019 21:41

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-H4-(2.5)

Tgt Ion: 88 Resp: 68
 Ion Ratio Lower Upper
 88 100
 43 0.0 31.0 46.6#
 58 0.0 64.5 96.7#

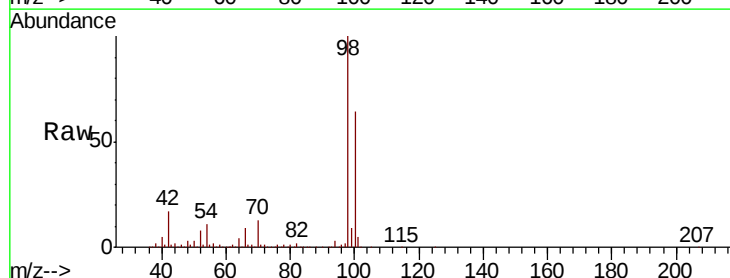


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

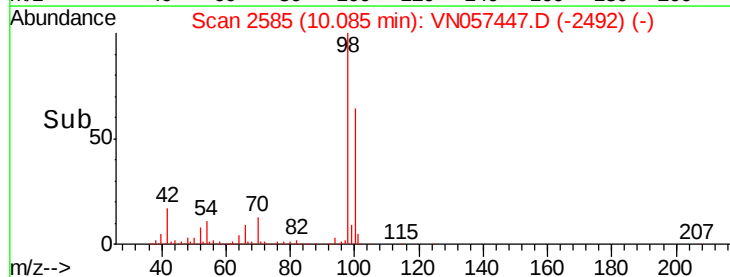
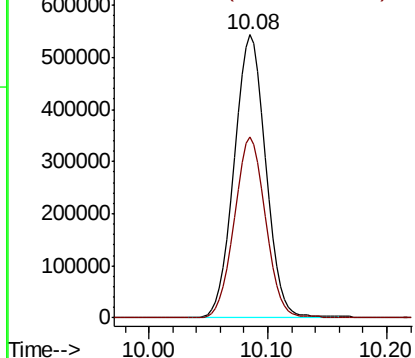


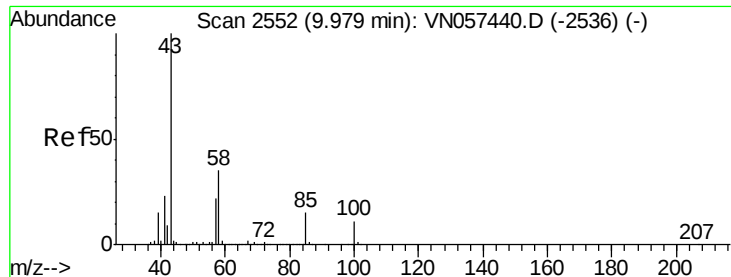
#50
 Toluene-d8
 Concen: 49.245 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: VN057447.D
 Acq: 22 Aug 2019 21:41

Tgt Ion: 98 Resp: 1000536
 Ion Ratio Lower Upper
 98 100
 100 63.2 50.4 75.6



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

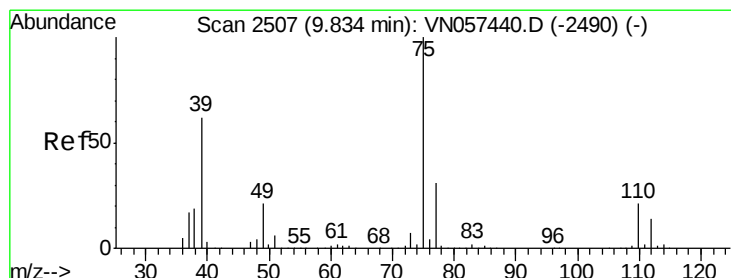
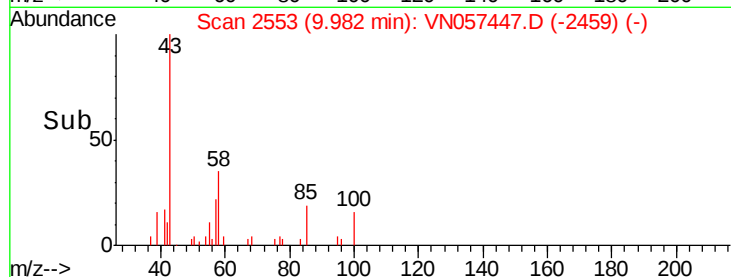
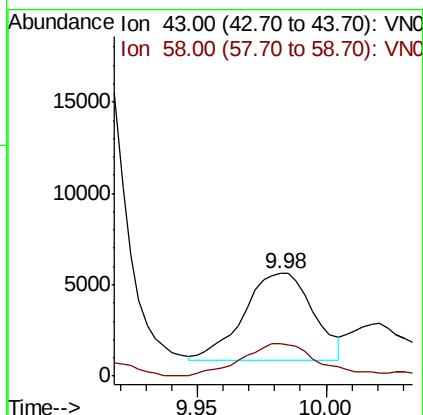
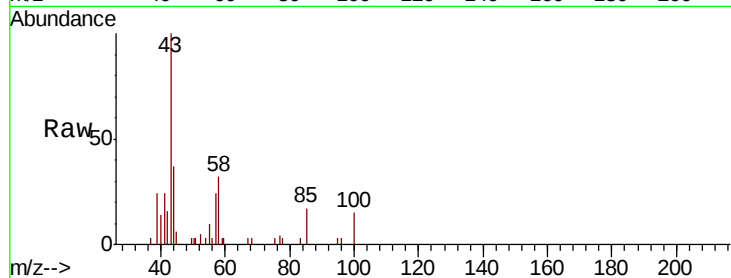




#51
 4-Methyl-2-Pentanone
 Concen: 1.079 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN057447.D
 Acq: 22 Aug 2019 21:41

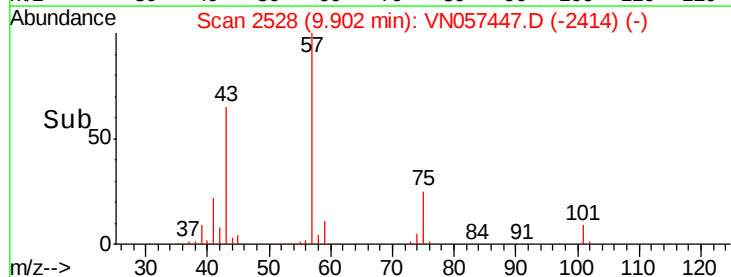
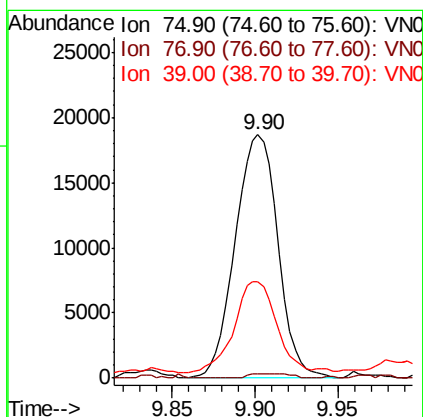
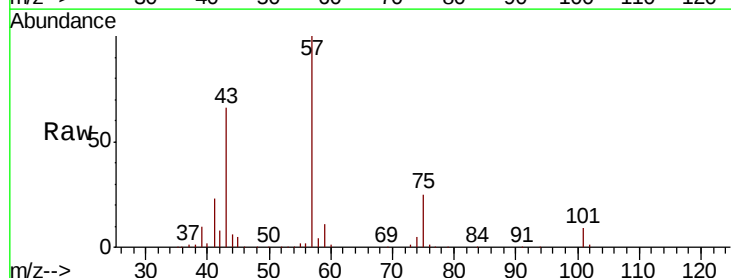
Instrument :
 MSVOA_N
 ClientSampled :
 T1-H4-(2.5)

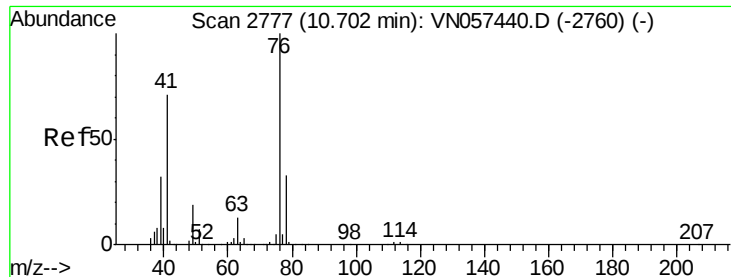
Tgt Ion: 43 Resp: 8860
 Ion Ratio Lower Upper
 43 100
 58 41.4 27.9 41.9



#54
 cis-1,3-Dichloropropene
 Concen: 3.165 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.07 min
 Lab File: VN057447.D
 Acq: 22 Aug 2019 21:41

Tgt Ion: 75 Resp: 33454
 Ion Ratio Lower Upper
 75 100
 77 1.7 25.0 37.6#
 39 37.6 49.2 73.8#





#57

1,3-Dichloropropane

Concen: 0.394 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057447.D

Acq: 22 Aug 2019 21:41

Instrument :

MSVOA_N

ClientSampled :

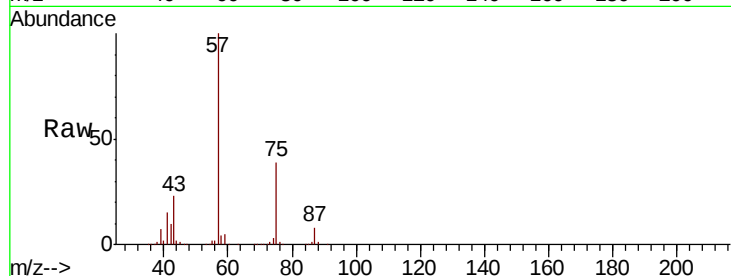
T1-H4-(2.5)

Tgt Ion: 76 Resp: 3897

Ion Ratio Lower Upper

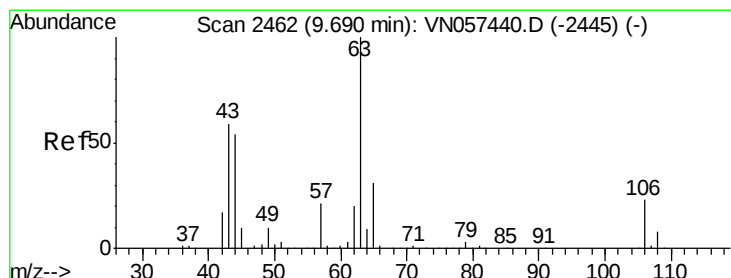
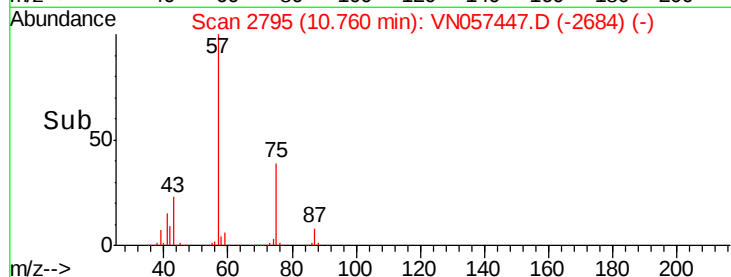
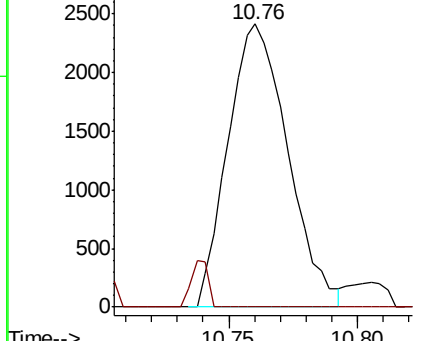
76 100

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: 17.170 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.01 min

Lab File: VN057447.D

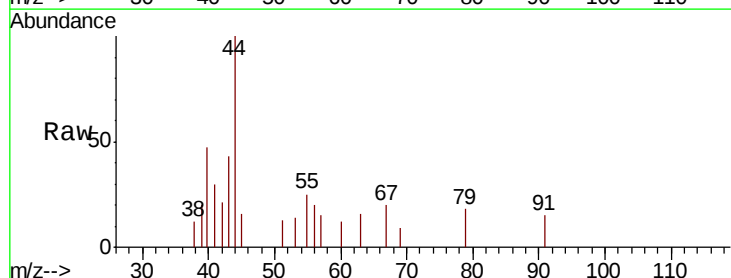
Acq: 22 Aug 2019 21:41

Tgt Ion: 63 Resp: 283

Ion Ratio Lower Upper

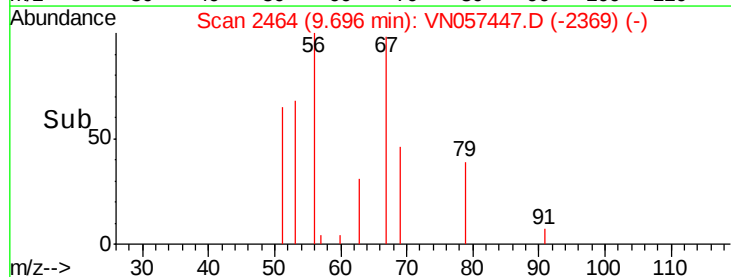
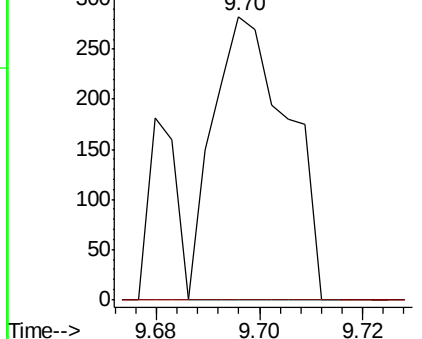
63 100

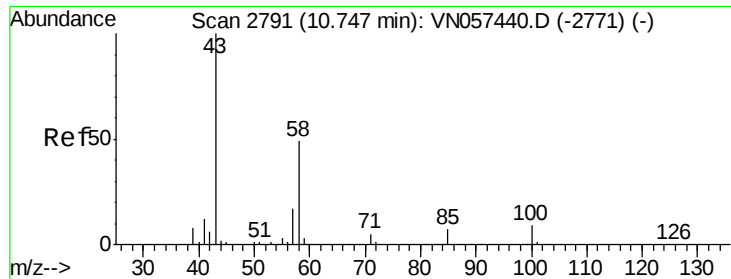
106 0.0 18.6 27.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

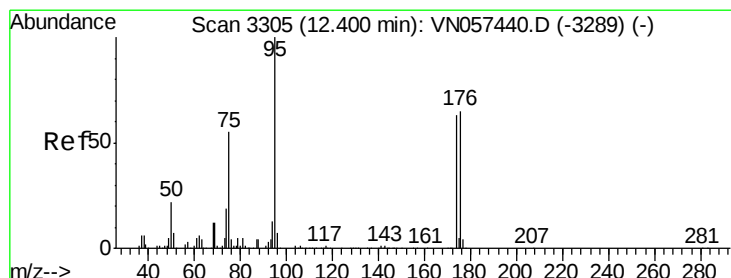
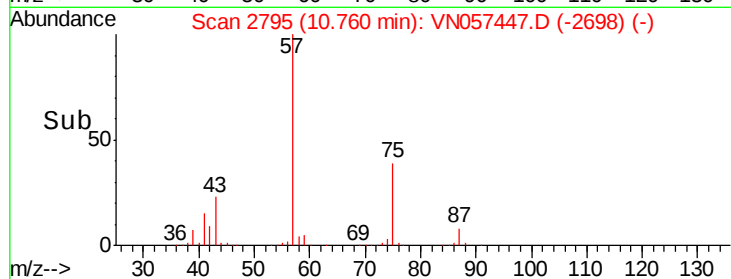
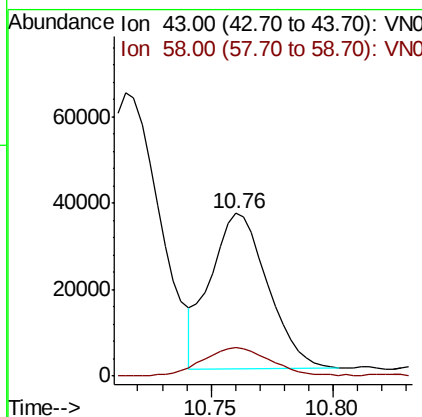
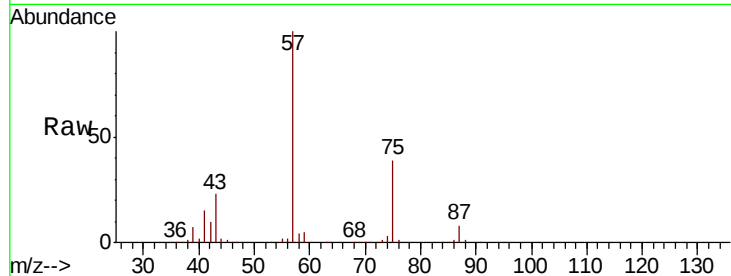




#59
2-Hexanone
Concen: 10.433 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057447.D
Acq: 22 Aug 2019 21:41

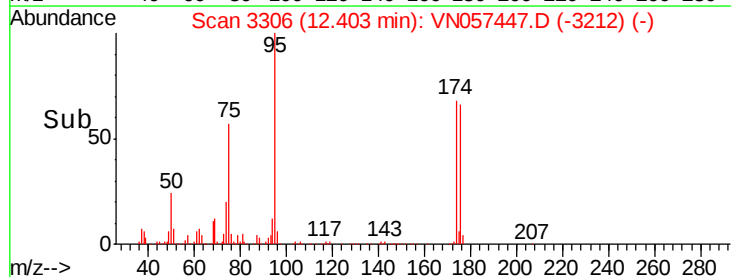
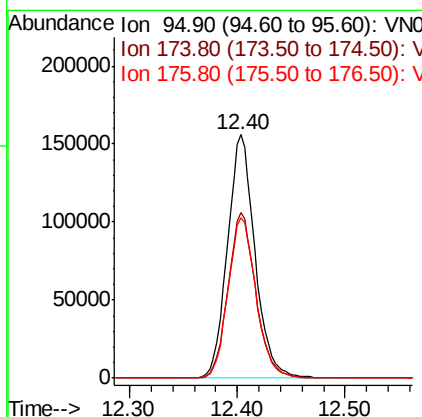
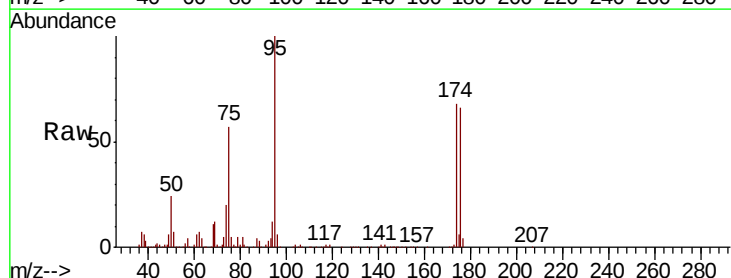
Instrument :
MSVOA_N
ClientSampled :
T1-H4-(2.5)

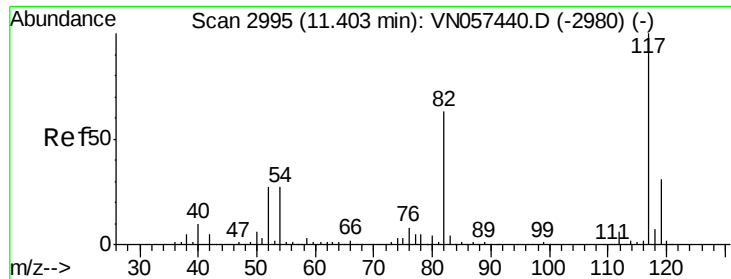
Tgt Ion: 43 Resp: 58737
Ion Ratio Lower Upper
43 100
58 22.4 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 40.290 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057447.D
Acq: 22 Aug 2019 21:41

Tgt Ion: 95 Resp: 277403
Ion Ratio Lower Upper
95 100
174 68.1 0.0 133.0
176 66.9 0.0 130.8

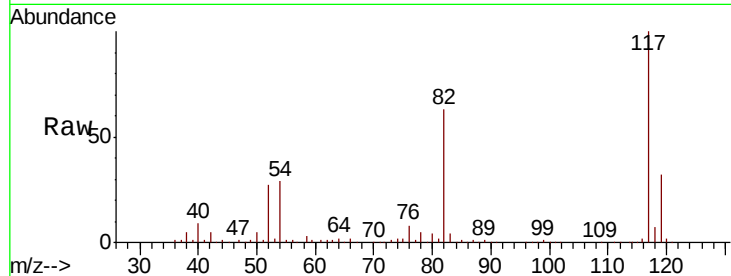




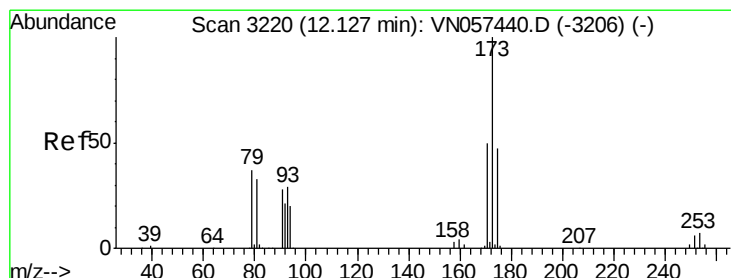
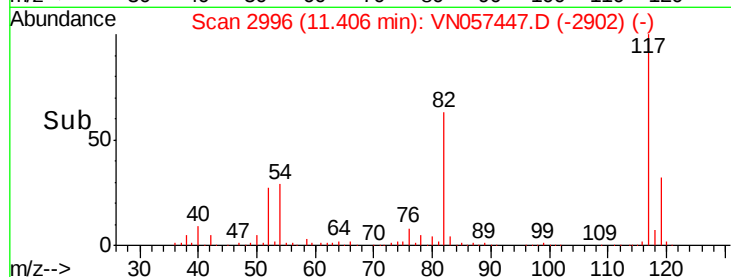
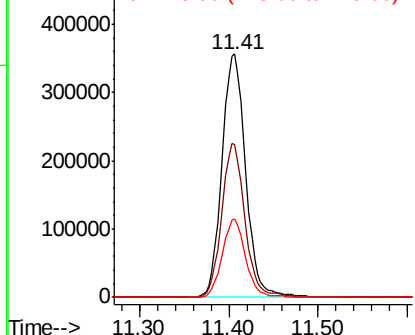
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057447.D
Acq: 22 Aug 2019 21:41

Instrument :
MSVOA_N
ClientSampled :
T1-H4-(2.5)

Tgt Ion:117 Resp: 657866
Ion Ratio Lower Upper
117 100
82 62.7 50.6 75.8
119 32.1 24.6 36.8

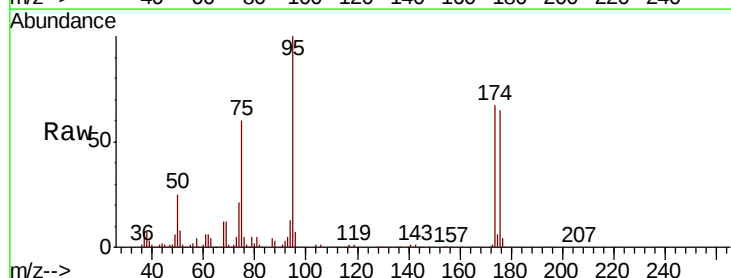


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

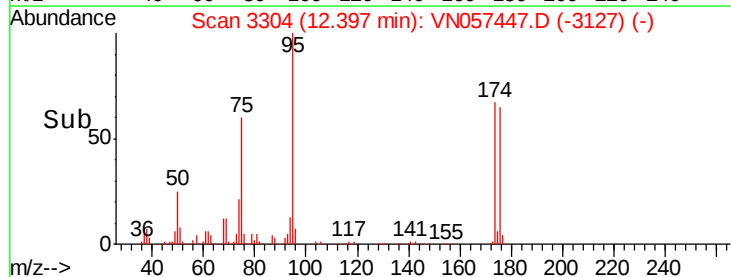
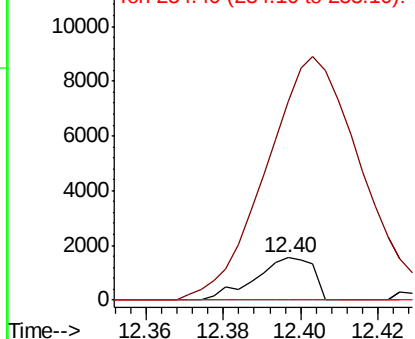


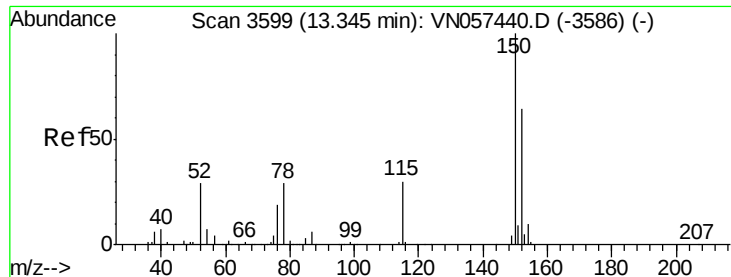
#71
Bromoform
Concen: 0.471 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN057447.D
Acq: 22 Aug 2019 21:41

Tgt Ion:173 Resp: 1624
Ion Ratio Lower Upper
173 100
175 767.9 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: VN057447.D

Acq: 22 Aug 2019 21:41

Instrument :

MSVOA_N

ClientSampled :

T1-H4-(2.5)

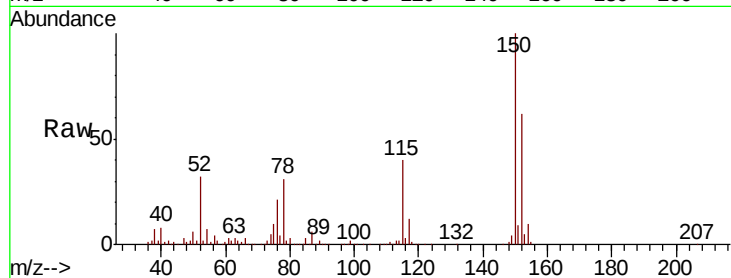
Tgt Ion:152 Resp: 166402

Ion Ratio Lower Upper

152 100

115 64.0 32.0 96.0

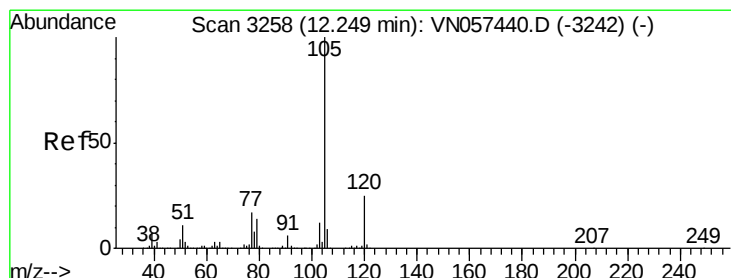
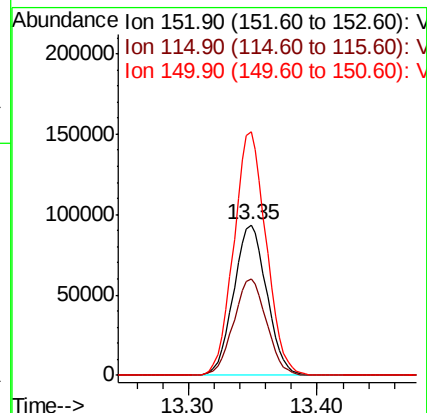
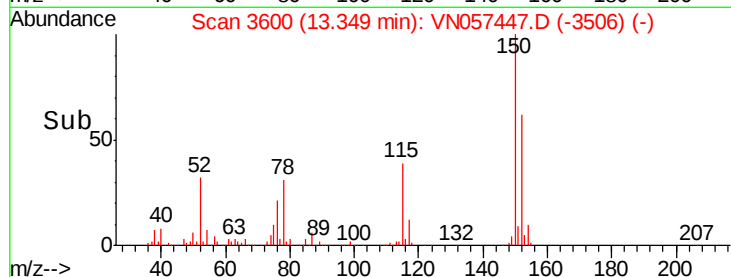
150 158.8 0.0 346.6



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: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN057447.D

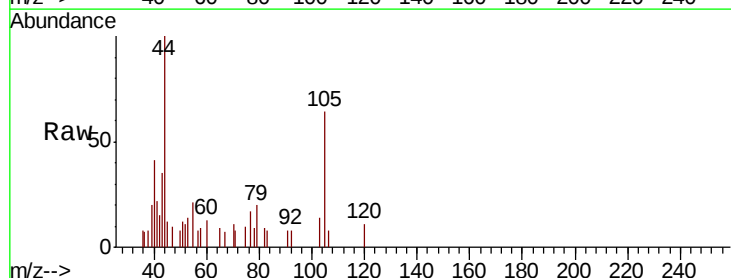
Acq: 22 Aug 2019 21:41

Tgt Ion:105 Resp: 2553

Ion Ratio Lower Upper

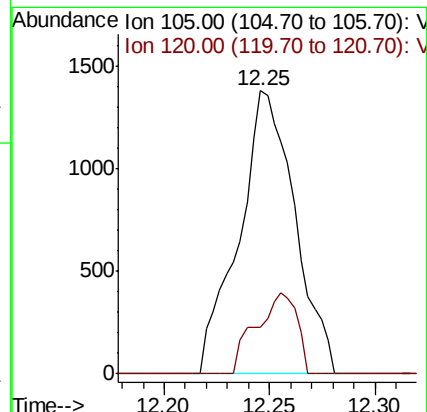
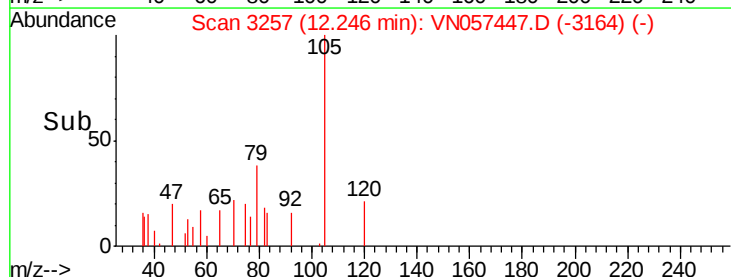
105 100

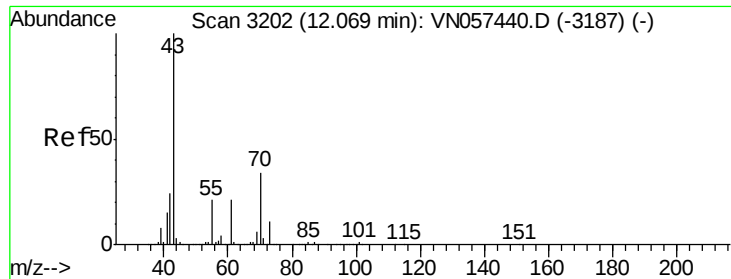
120 21.0 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: Below Cal

RT: 12.06 min Scan# 3200

Delta R.T. -0.01 min

Lab File: VN057447.D

Acq: 22 Aug 2019 21:41

Instrument :

MSVOA_N

ClientSampleId :

T1-H4-(2.5)

Tgt Ion: 43 Resp: 3917

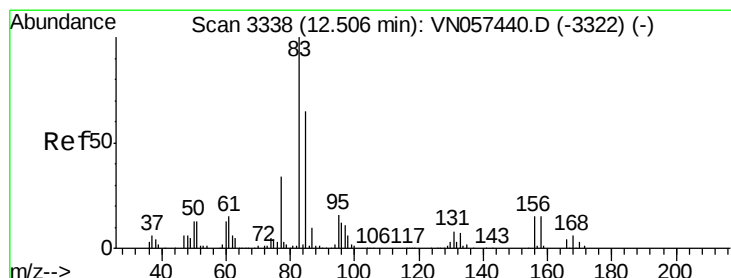
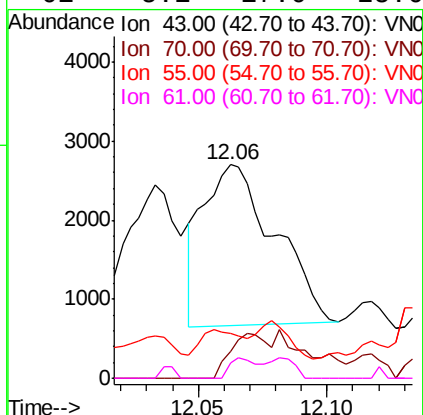
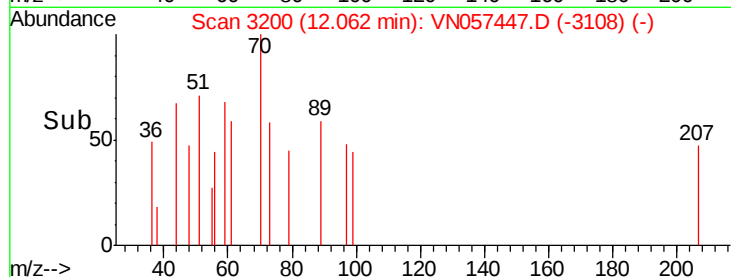
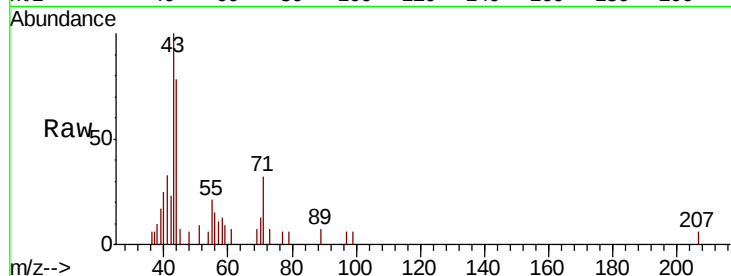
Ion Ratio Lower Upper

43 100

70 14.9 27.8 41.6#

55 8.5 17.0 25.4#

61 5.1 17.0 25.6#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3336

Delta R.T. -0.01 min

Lab File: VN057447.D

Acq: 22 Aug 2019 21:41

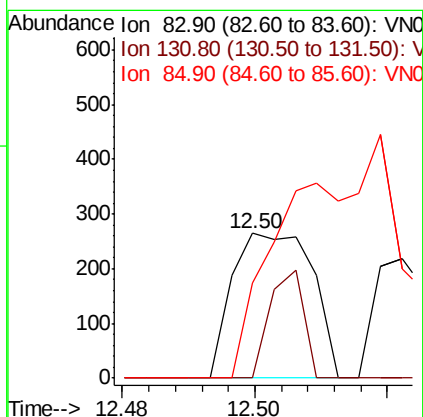
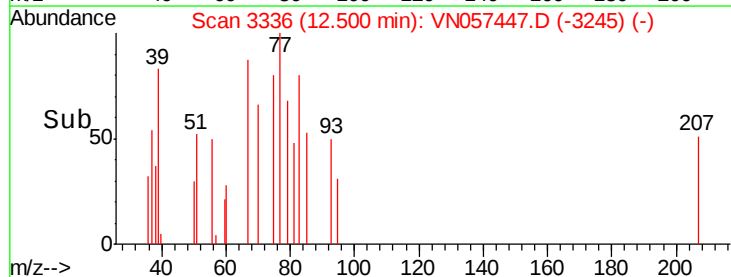
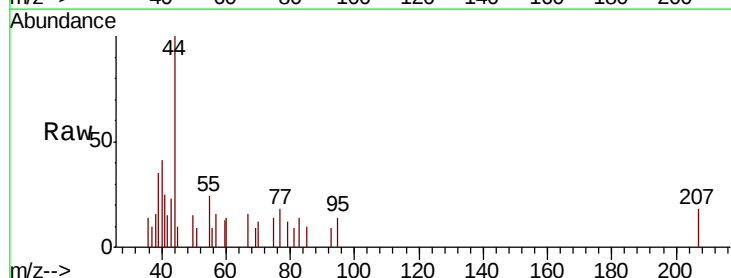
Tgt Ion: 83 Resp: 222

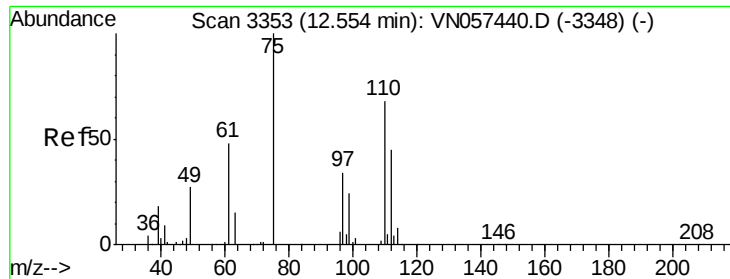
Ion Ratio Lower Upper

83 100

131 31.1 4.3 13.1#

85 0.0 32.3 96.8#

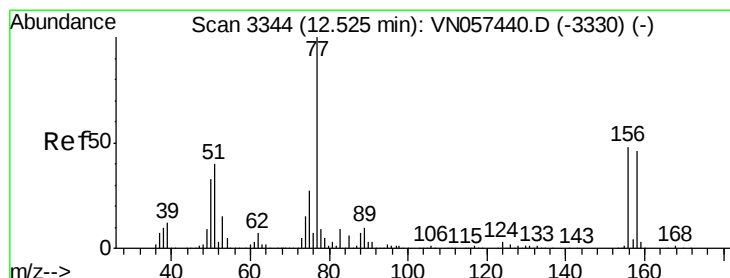
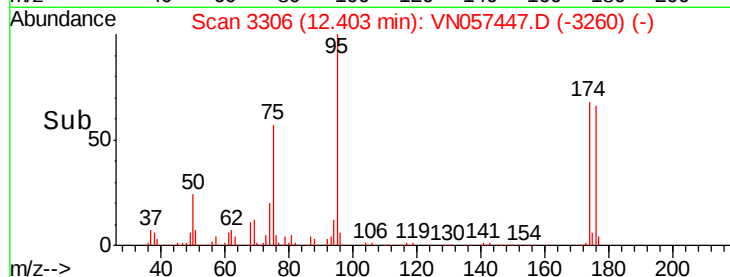
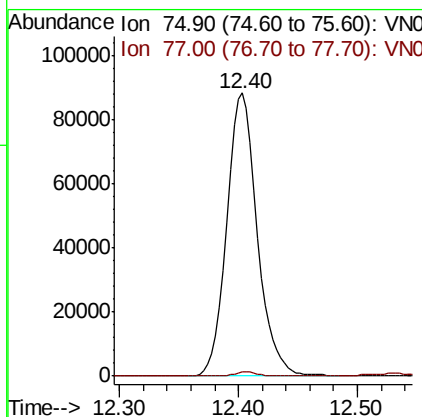
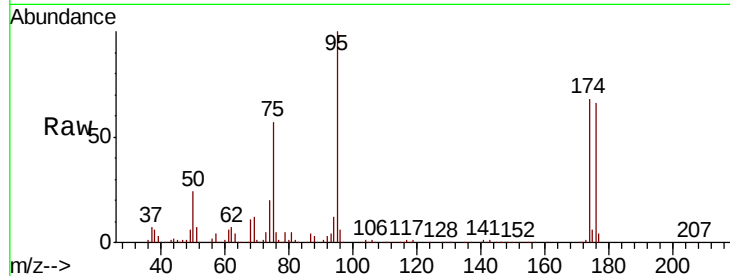




#76
 1,2,3-Trichloropropane
 Concen: 41.981 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN057447.D
 Acq: 22 Aug 2019 21:41

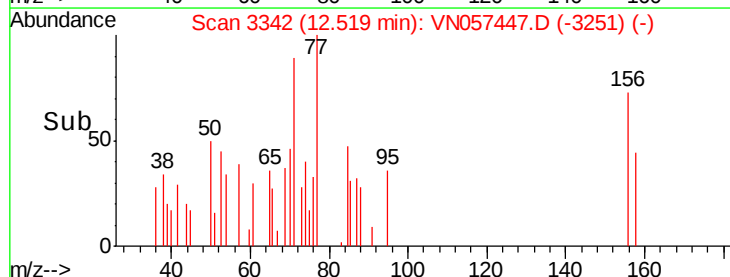
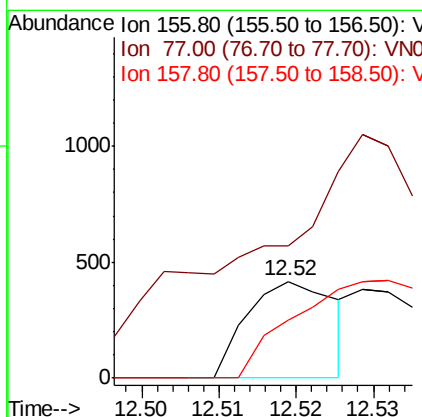
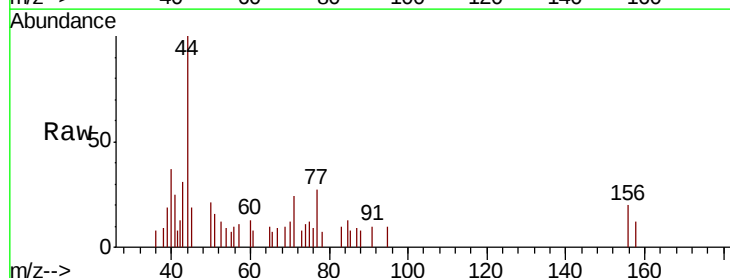
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-H4-(2.5)

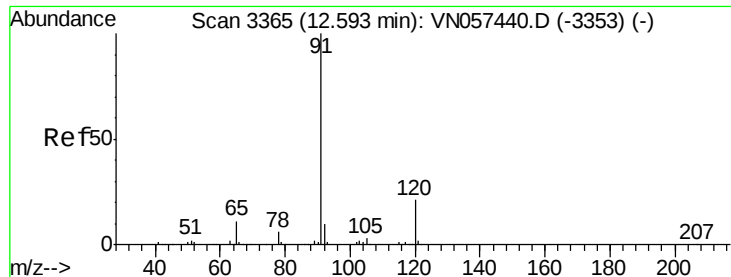
Tgt Ion: 75 Resp: 156833
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#77
 Bromobenzene
 Concen: Below Cal
 RT: 12.52 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: VN057447.D
 Acq: 22 Aug 2019 21:41

Tgt Ion: 156 Resp: 330
 Ion Ratio Lower Upper
 156 100
 77 513.9 124.4 373.3#
 158 185.2 48.3 144.8#





#78

n-propylbenzene

Concen: Below Cal

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN057447.D

Acq: 22 Aug 2019 21:41

Instrument :

MSVOA_N

ClientSampled :

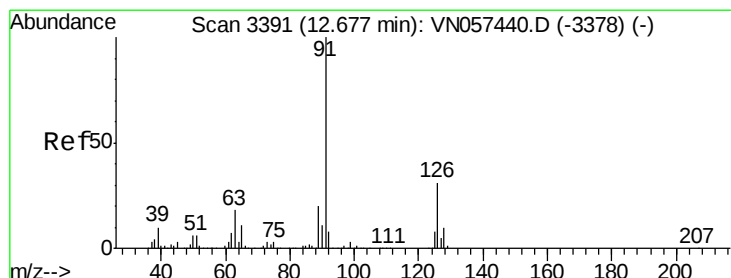
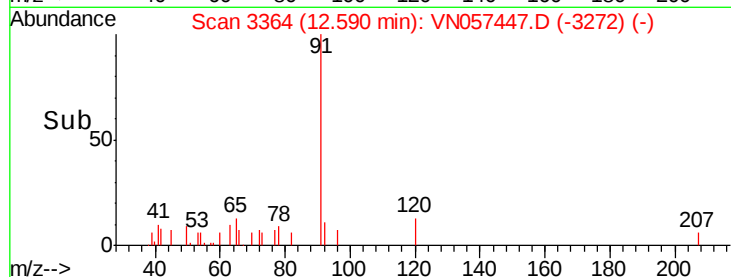
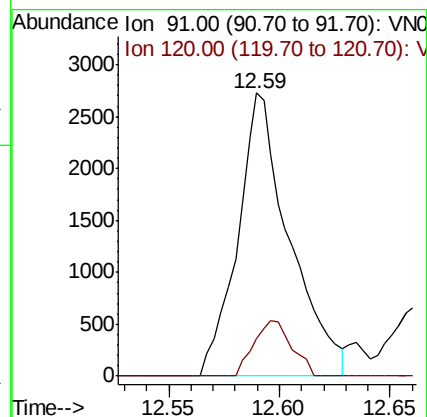
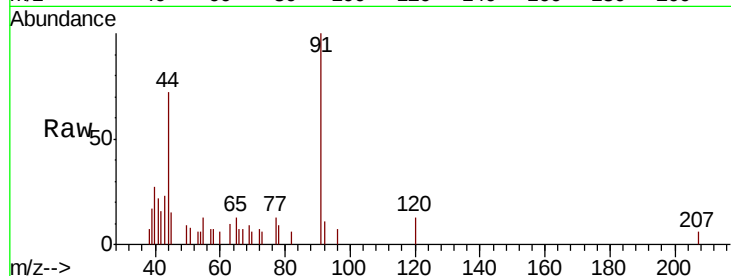
T1-H4-(2.5)

Tgt Ion: 91 Resp: 4427

Ion Ratio Lower Upper

91 100

120 14.4 10.7 32.1



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057447.D

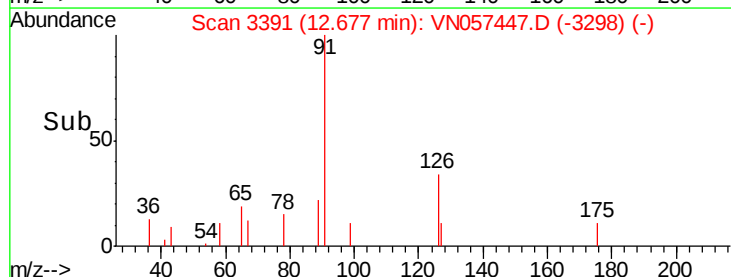
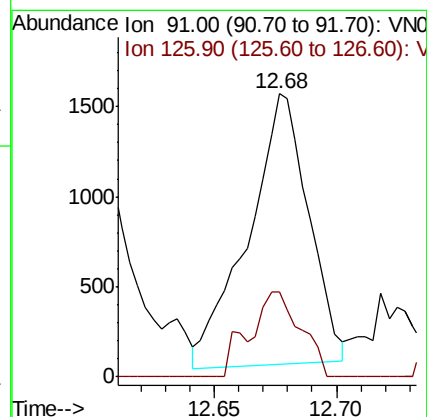
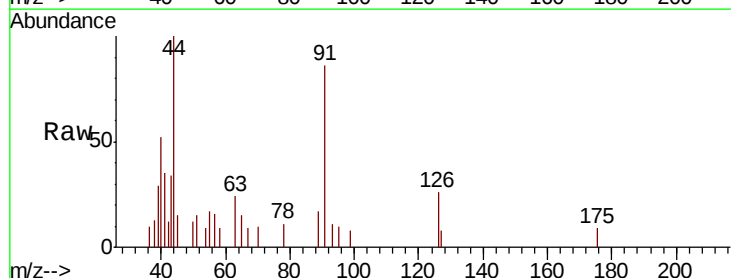
Acq: 22 Aug 2019 21:41

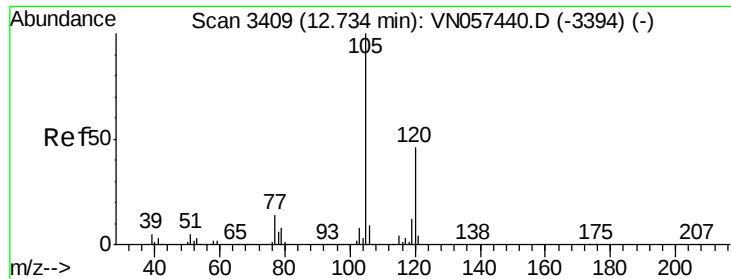
Tgt Ion: 91 Resp: 2574

Ion Ratio Lower Upper

91 100

126 26.7 15.3 45.8

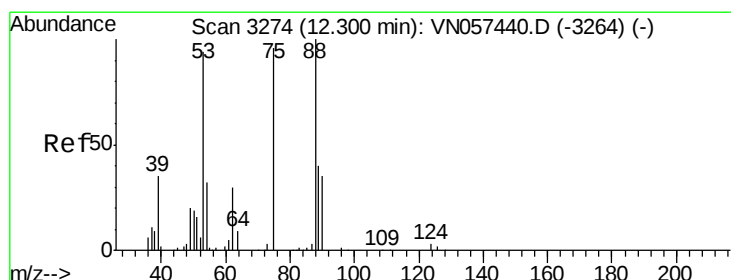
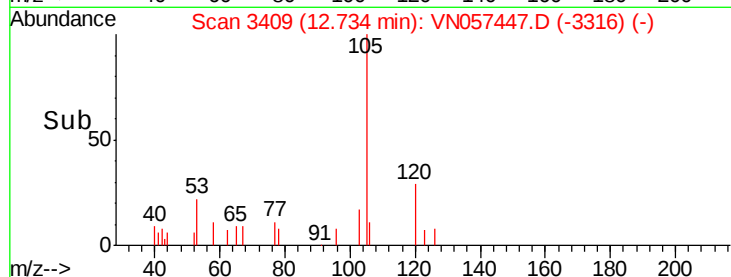
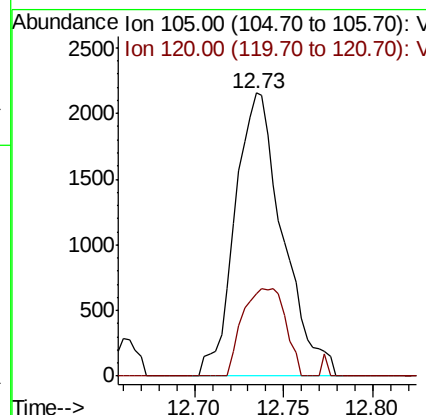
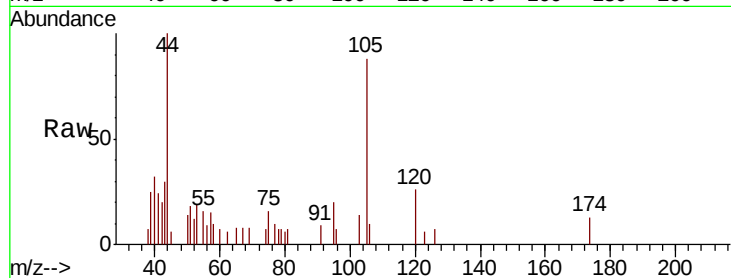




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN057447.D
 Acq: 22 Aug 2019 21:41

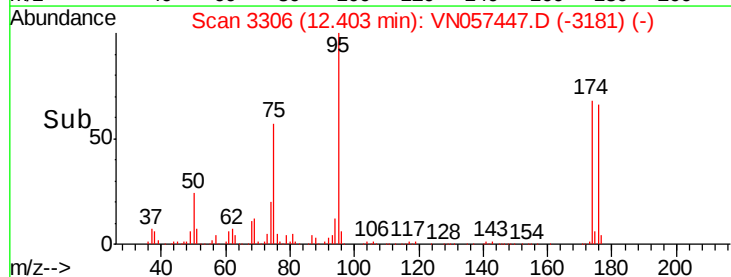
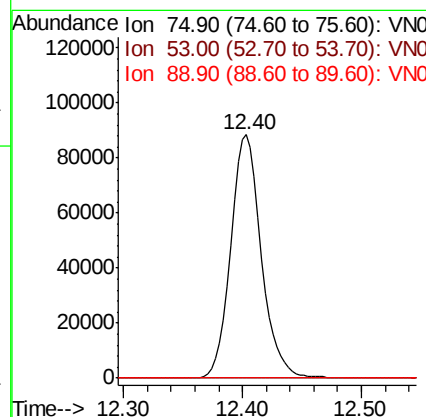
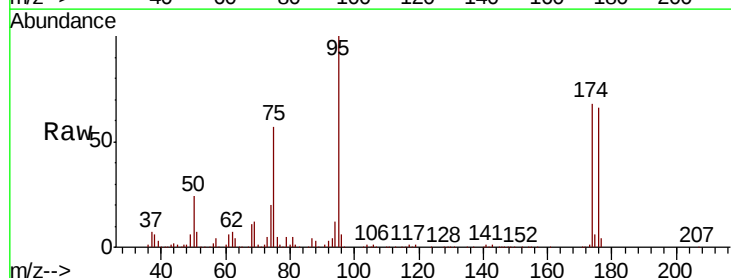
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-H4-(2.5)

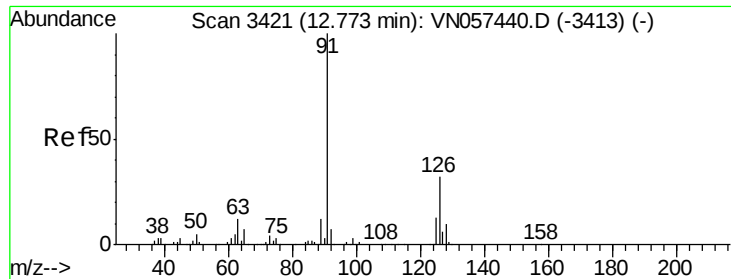
Tgt Ion: 105 Resp: 4022
 Ion Ratio Lower Upper
 105 100
 120 27.9 23.3 69.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.051 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057447.D
 Acq: 22 Aug 2019 21:41

Tgt Ion: 75 Resp: 156833
 Ion Ratio Lower Upper
 75 100
 53 0.2 82.7 124.1#
 89 0.0 35.8 53.8#

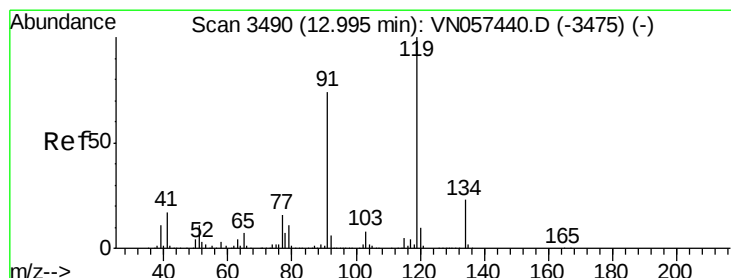
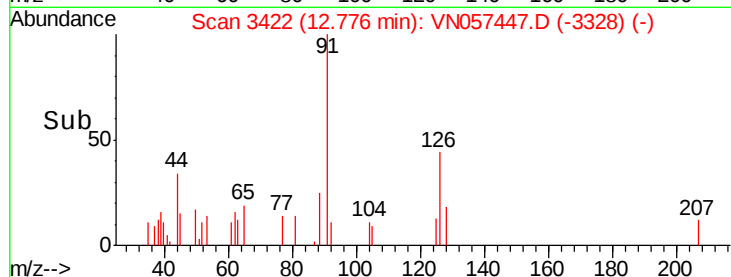
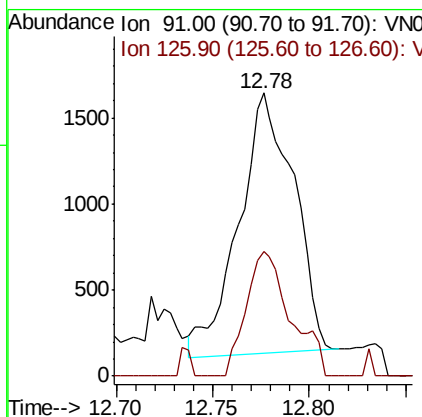
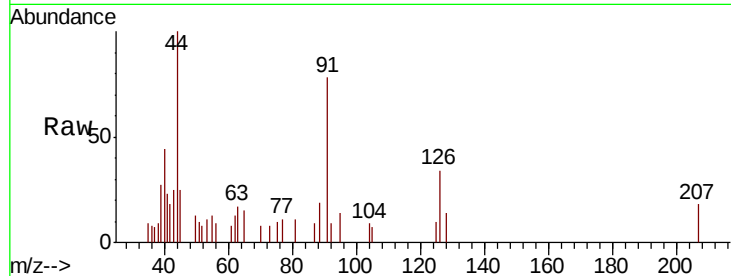




#82
4-Chlorotoluene
Concen: Below Cal
RT: 12.78 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN057447.D
Acq: 22 Aug 2019 21:41

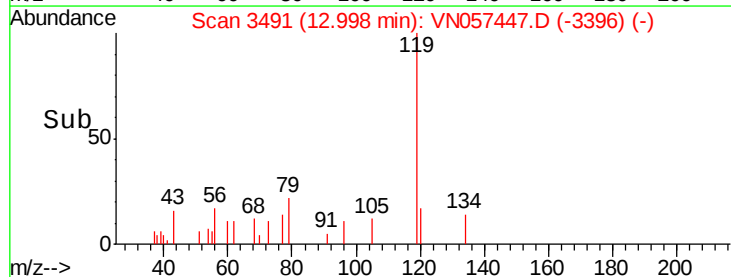
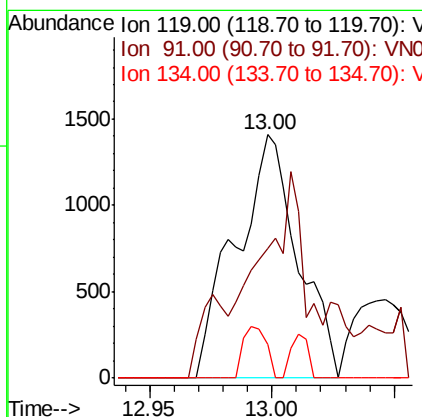
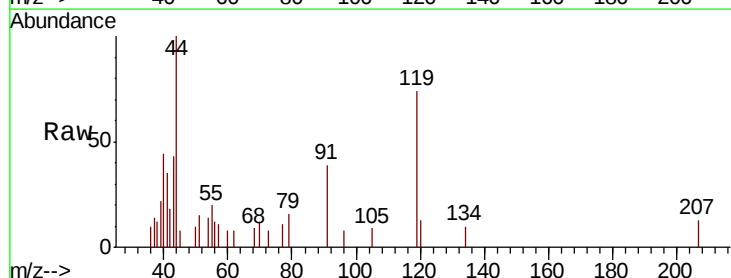
Instrument :
MSVOA_N
ClientSampled :
T1-H4-(2.5)

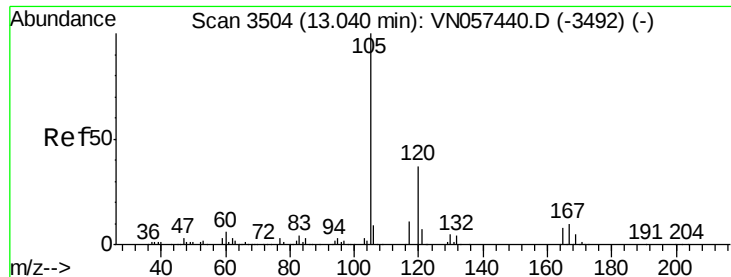
Tgt Ion: 91 Resp: 2997
Ion Ratio Lower Upper
91 100
126 38.8 15.0 45.0



#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.00 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VN057447.D
Acq: 22 Aug 2019 21:41

Tgt Ion: 119 Resp: 2492
Ion Ratio Lower Upper
119 100
91 0.0 37.0 111.0#
134 7.8 12.2 36.6#

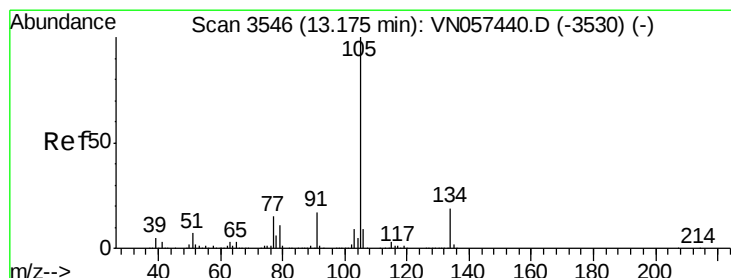
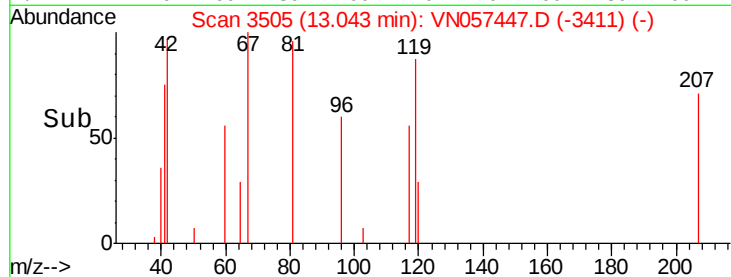
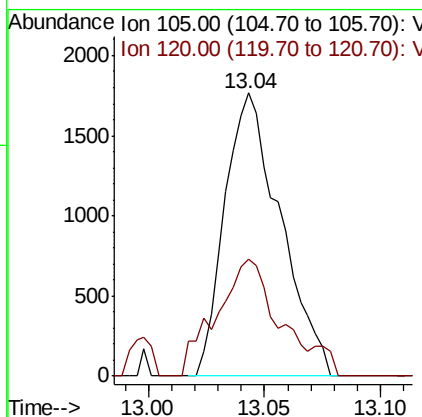
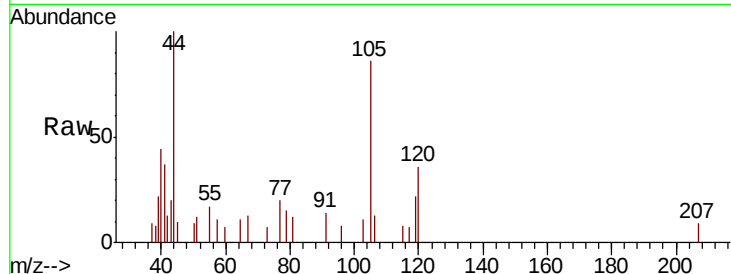




#84
 1,2,4-Trimethylbenzene
 Concen: 0.227 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057447.D
 Acq: 22 Aug 2019 21:41

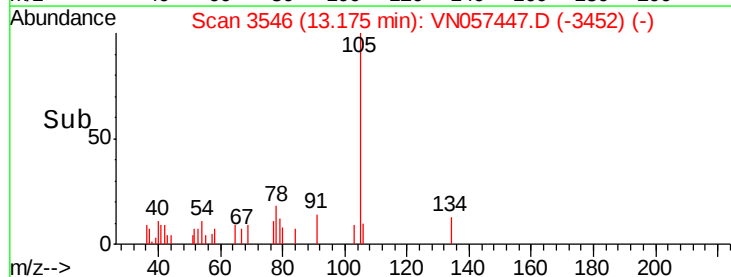
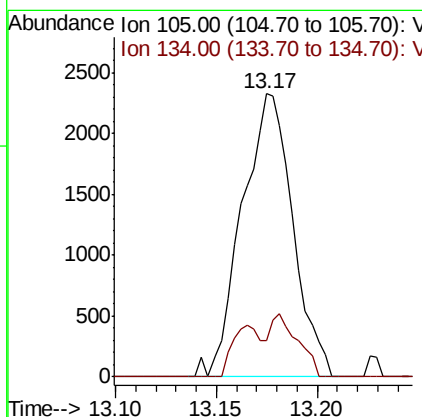
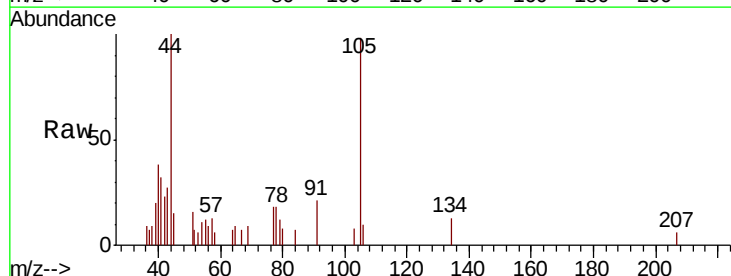
Instrument :
 MSVOA_N
 ClientSampled :
 T1-H4-(2.5)

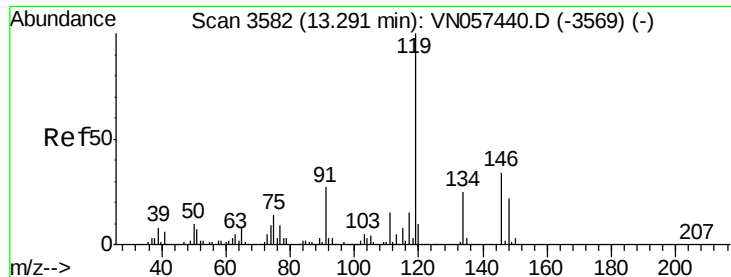
Tgt Ion:105 Resp: 2941
 Ion Ratio Lower Upper
 105 100
 120 44.6 21.9 65.7



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057447.D
 Acq: 22 Aug 2019 21:41

Tgt Ion:105 Resp: 4091
 Ion Ratio Lower Upper
 105 100
 134 12.9 9.3 27.9

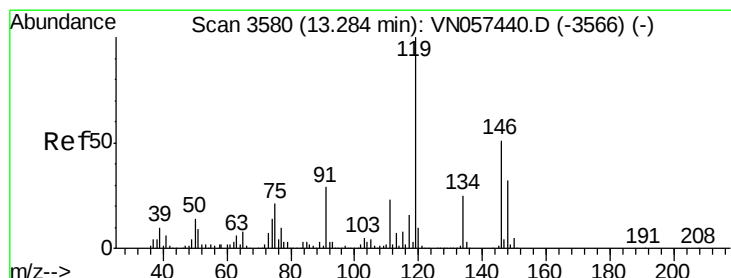
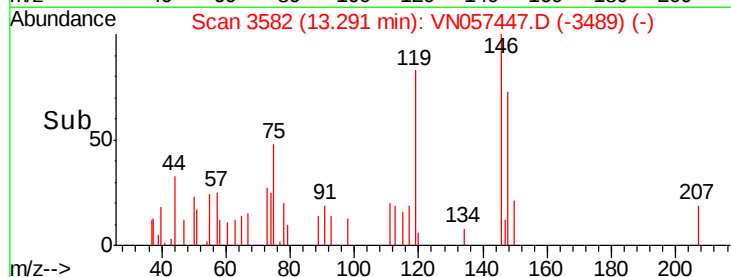
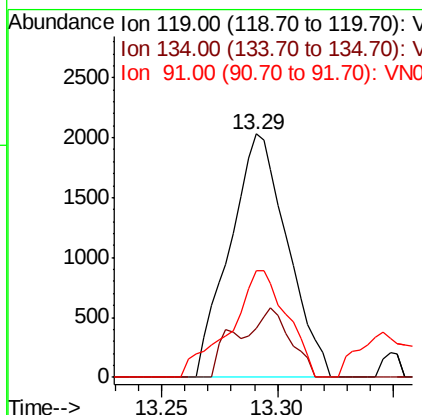
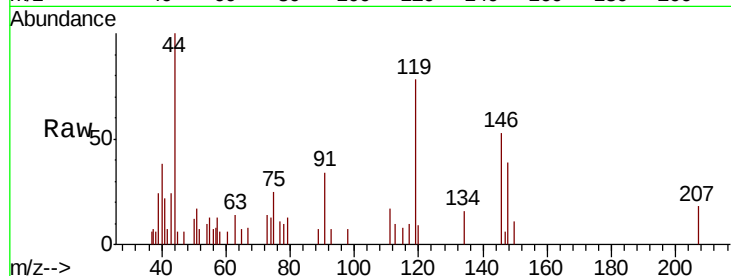




#86
p-Isopropyltoluene
Concen: 0.269 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN057447.D
Acq: 22 Aug 2019 21:41

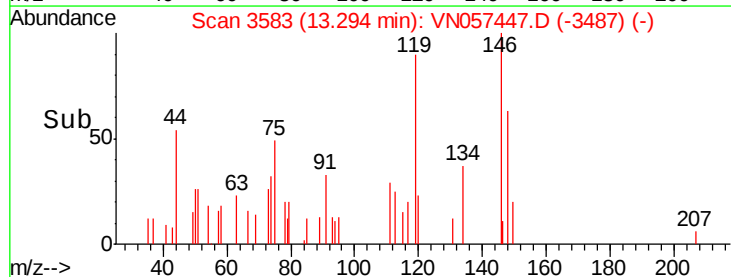
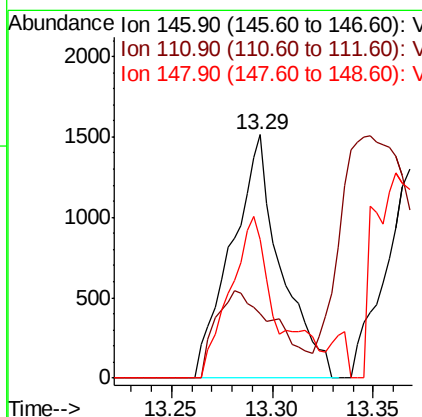
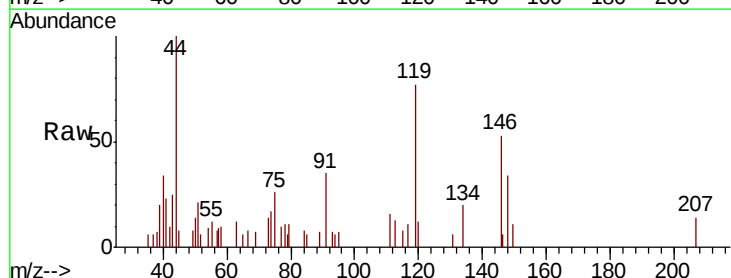
Instrument :
MSVOA_N
ClientSampled :
T1-H4-(2.5)

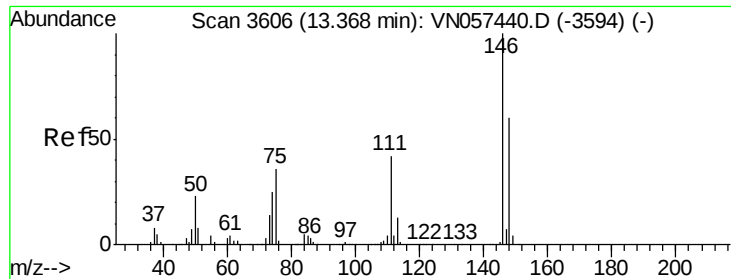
Tgt Ion:119 Resp: 3502
Ion Ratio Lower Upper
119 100
134 16.6 12.7 38.1
91 43.0 13.9 41.6#



#87
1,3-Dichlorobenzene
Concen: 0.479 ug/l
RT: 13.29 min Scan# 3583
Delta R.T. 0.01 min
Lab File: VN057447.D
Acq: 22 Aug 2019 21:41

Tgt Ion:146 Resp: 2576
Ion Ratio Lower Upper
146 100
111 44.9 22.1 66.1
148 55.2 31.9 95.9

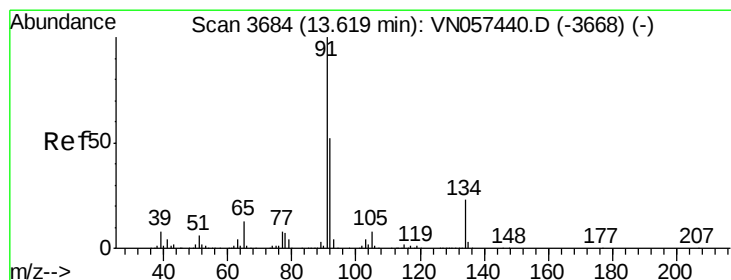
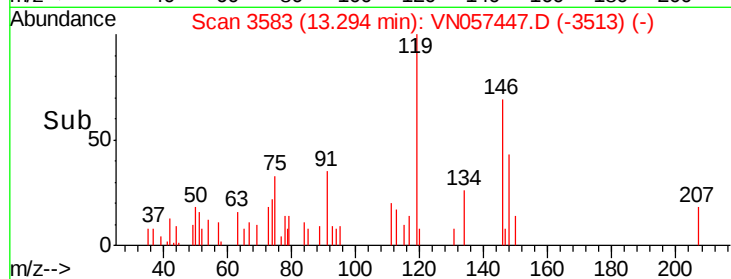
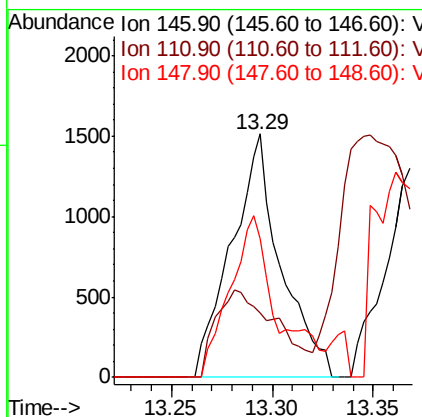
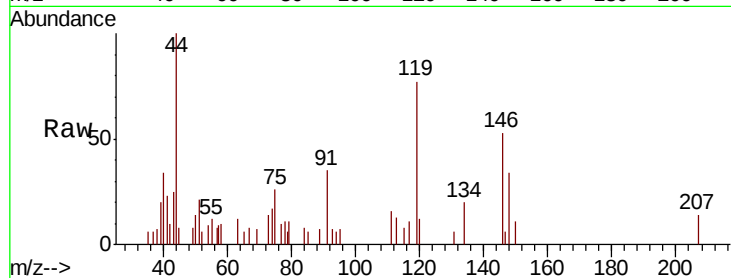




#88
 1,4-Dichlorobenzene
 Concen: 0.489 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. -0.07 min
 Lab File: VN057447.D
 Acq: 22 Aug 2019 21:41

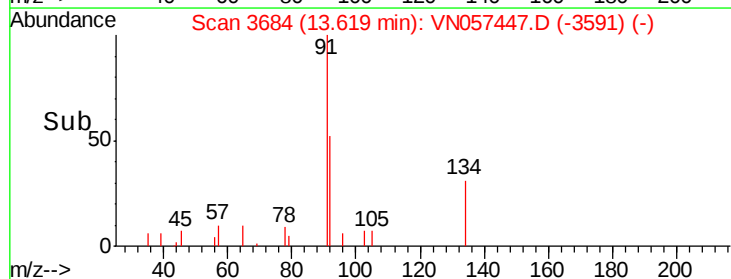
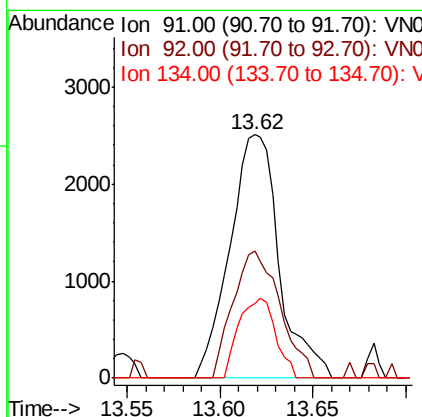
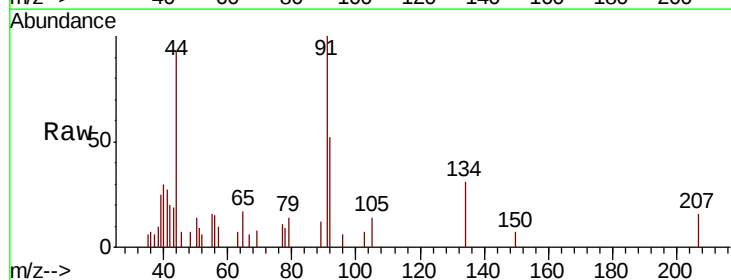
Instrument :
 MSVOA_N
 ClientSampled :
 T1-H4-(2.5)

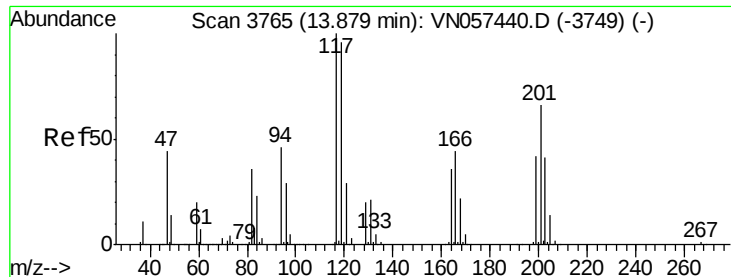
Tgt Ion: 146 Resp: 2576
 Ion Ratio Lower Upper
 146 100
 111 44.9 21.9 65.5
 148 55.2 31.1 93.2



#89
 n-Butylbenzene
 Concen: 0.422 ug/l
 RT: 13.62 min Scan# 3684
 Delta R.T. -0.00 min
 Lab File: VN057447.D
 Acq: 22 Aug 2019 21:41

Tgt Ion: 91 Resp: 4646
 Ion Ratio Lower Upper
 91 100
 92 49.8 25.7 77.0
 134 24.4 11.4 34.1





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN057447.D

Acq: 22 Aug 2019 21:41

Instrument :

MSVOA_N

ClientSampled :

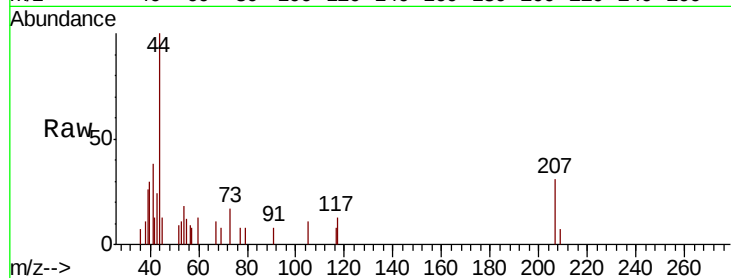
T1-H4-(2.5)

Tgt Ion:117 Resp: 240

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

13.89

400

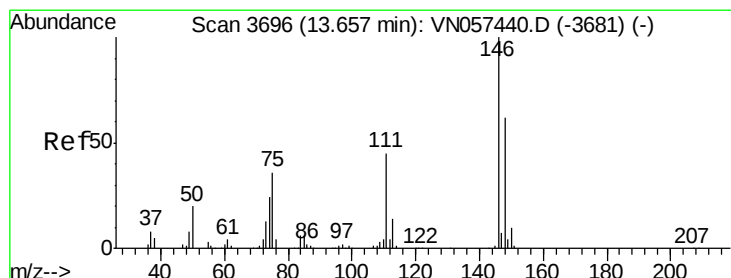
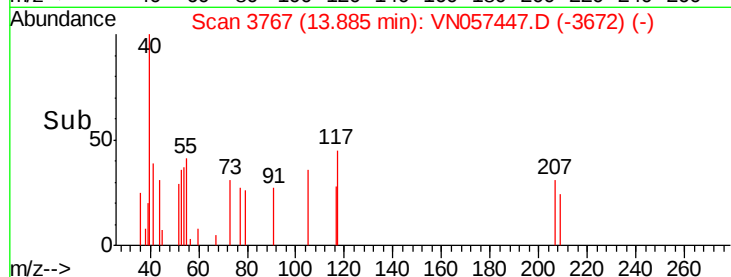
300

200

100

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.372 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. -0.00 min

Lab File: VN057447.D

Acq: 22 Aug 2019 21:41

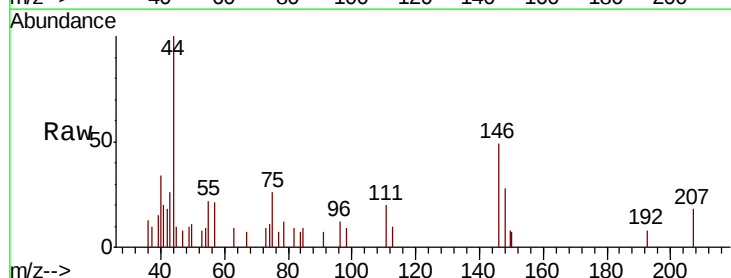
Tgt Ion:146 Resp: 1907

Ion Ratio Lower Upper

146 100

111 39.0 23.1 69.2

148 33.9 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

13.66

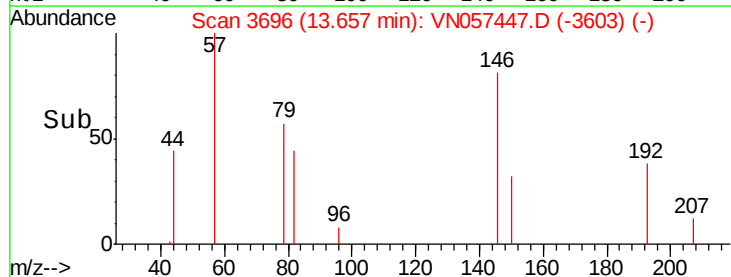
1500

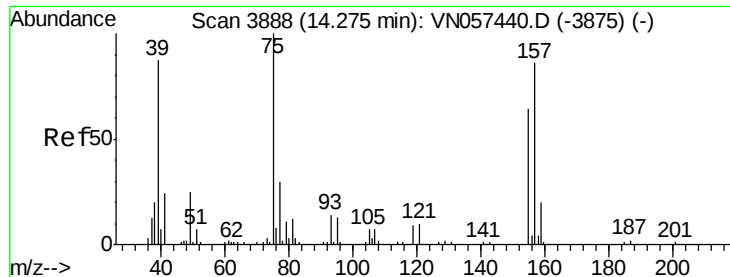
1000

500

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN057447.D

Acq: 22 Aug 2019 21:41

Instrument :

MSVOA_N

ClientSampled :

T1-H4-(2.5)

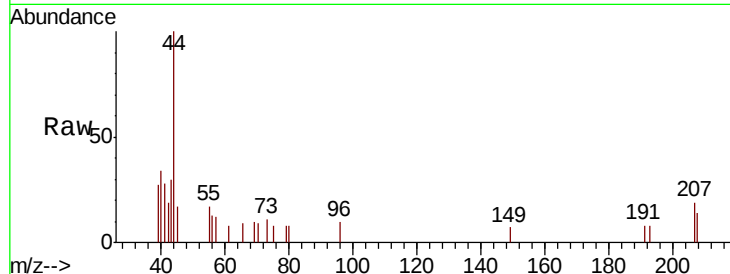
Tgt Ion: 75 Resp: 31

Ion Ratio Lower Upper

75 100

155 0.0 31.6 94.7#

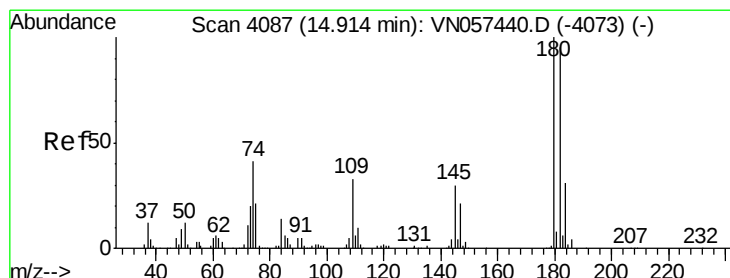
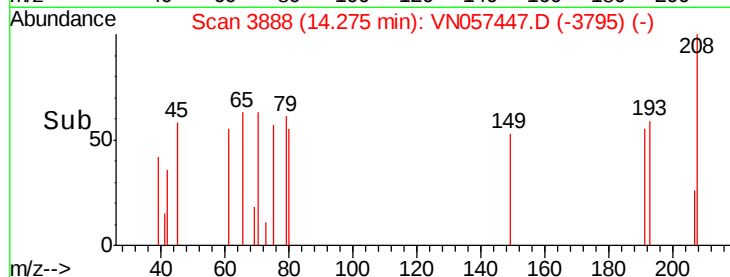
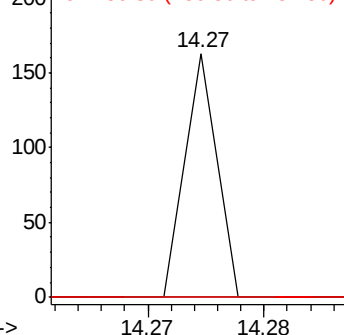
157 0.0 43.3 129.8#



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



#93

1,2,4-Trichlorobenzene

Concen: 6.402 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN057447.D

Acq: 22 Aug 2019 21:41

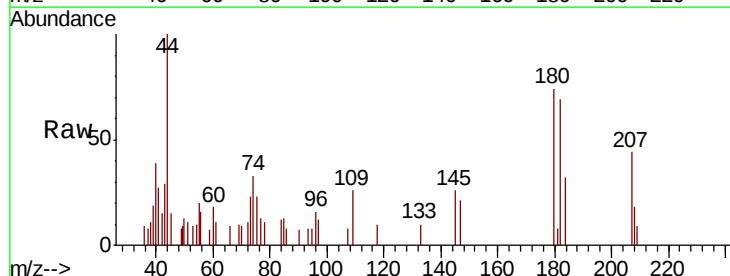
Tgt Ion: 180 Resp: 2397

Ion Ratio Lower Upper

180 100

182 102.0 46.7 140.1

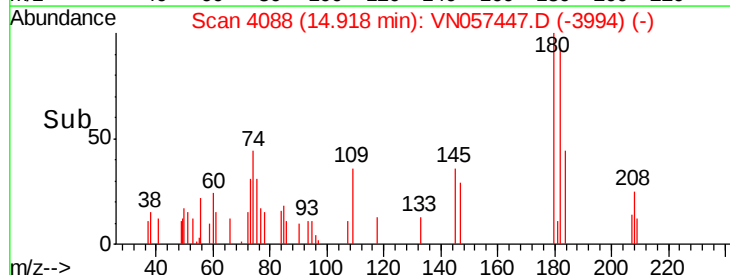
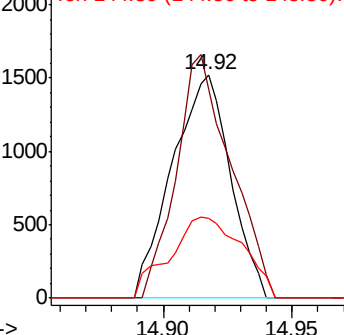
145 45.1 15.6 46.8

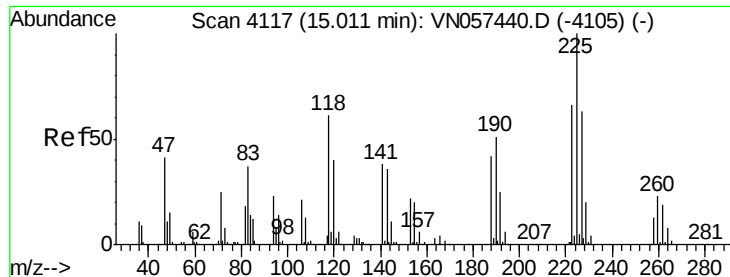


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN057447.D

Acq: 22 Aug 2019 21:41

Instrument :

MSVOA_N

ClientSampled :

T1-H4-(2.5)

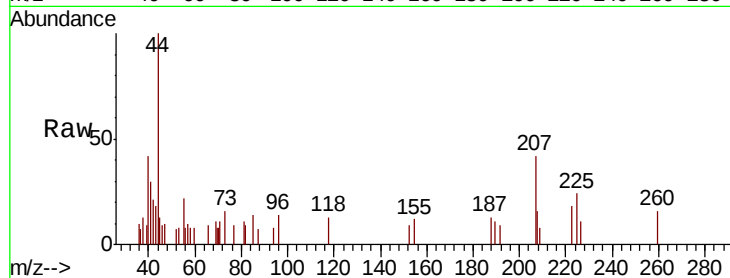
Tgt Ion:225 Resp: 621

Ion Ratio Lower Upper

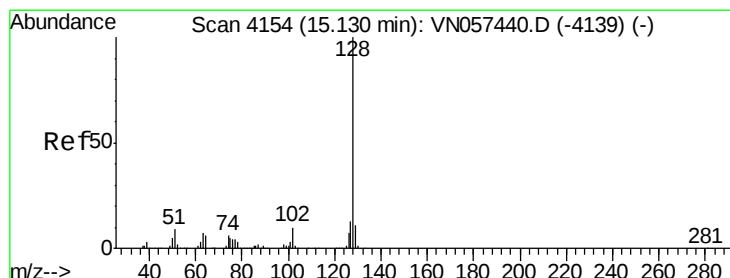
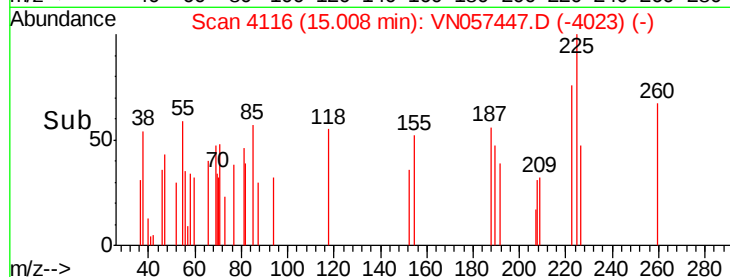
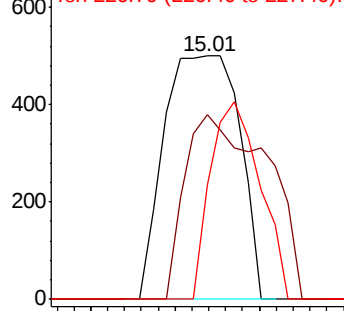
225 100

223 82.9 32.0 96.2

227 53.1 31.5 94.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 5.413 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057447.D

Acq: 22 Aug 2019 21:41

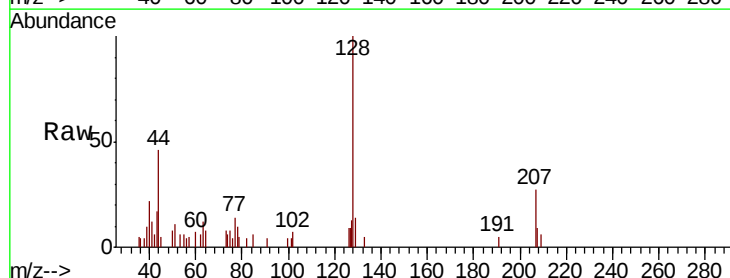
Tgt Ion:128 Resp: 7786

Ion Ratio Lower Upper

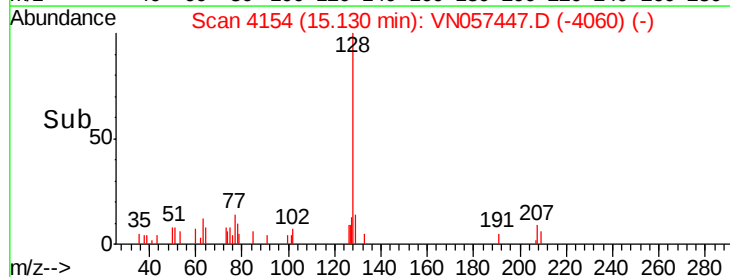
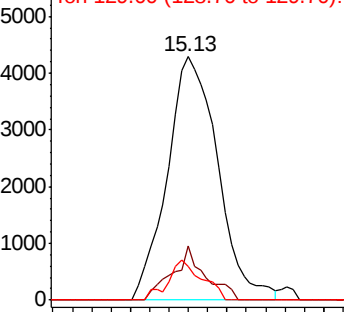
128 100

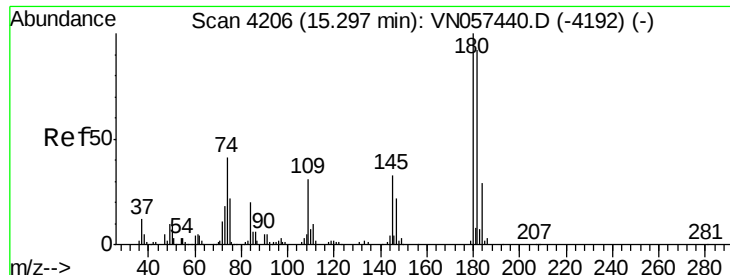
127 14.2 10.5 15.7

129 10.9 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: 6.389 ug/l
 RT: 15.30 min Scan# 4207
 Delta R.T. 0.00 min
 Lab File: VN057447.D
 Acq: 22 Aug 2019 21:41

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-H4-(2.5)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.6	46.7	140.1
145	30.4	16.8	50.3

