

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
 Data File : VN057910.D
 Acq On : 11 Sep 2019 9:34
 Operator : JC/SP
 Sample : K4658-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-090619

Quant Time: Sep 12 01:30:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	330919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	557586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	519224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	271895	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	362520	54.09	ug/l	0.00
Spiked Amount			Recovery	=	108.18%	
35) Dibromofluoromethane	7.58	113	248545	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
50) Toluene-d8	10.09	98	1006056	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.40	95	350471	46.03	ug/l	0.00
Spiked Amount			Recovery	=	92.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.55	94	344	Below Cal	#	74
14) Allyl chloride	4.53	41	7660	1.111	ug/l #	22
16) Acetone	3.80	43	18635	8.481	ug/l #	89
18) Methyl Acetate	4.32	43	9372	1.600	ug/l #	88
20) Methylene Chloride	4.53	84	211855	50.665	ug/l	98
25) 2-Butanone	6.83	43	2531	0.796	ug/l #	49
30) Chloroform	7.36	83	2665	0.288	ug/l #	71
31) Cyclohexane	7.65	56	8502	Below Cal	#	27
36) 1,1-Dichloropropene	7.65	75	28344	4.383	ug/l #	51
38) Carbon Tetrachloride	7.65	117	33680	5.705	ug/l #	17
43) Isopropyl Acetate	8.16	43	97865	8.710	ug/l #	88
45) 1,2-Dichloropropane	9.26	63	1842	0.325	ug/l #	44
48) Methyl methacrylate	9.17	41	6245	1.096	ug/l #	13
49) 1,4-Dioxane	9.26	88	66	0.685	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	7317	1.100	ug/l	98
52) Toluene	10.16	92	7866	0.641	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	41029	5.162	ug/l #	65
59) 2-Hexanone	10.76	43	105005	21.070	ug/l #	52
67) Ethyl Benzene	11.51	91	12724	0.534	ug/l	96
68) m/p-Xylenes	11.62	106	16665	1.910	ug/l	97
69) o-Xylene	11.95	106	17044	1.965	ug/l	90
73) Isopropylbenzene	12.25	105	6583	0.312	ug/l	94
74) N-amyl acetate	12.04	43	5190	0.565	ug/l #	49
76) 1,2,3-Trichloropropane	12.40	75	186012	30.242	ug/l #	100
78) n-propylbenzene	12.60	91	26842	1.108	ug/l	94
79) 2-Chlorotoluene	12.66	91	9461	0.618	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.74	105	58990	3.309	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	186012	106.423	ug/l #	6
82) 4-Chlorotoluene	12.74	91	7043	0.448	ug/l #	43
83) tert-Butylbenzene	13.04	119	19433	1.226	ug/l #	74
84) 1,2,4-Trimethylbenzene	13.05	105	152510	8.418	ug/l	97
85) sec-Butylbenzene	13.18	105	11109	0.529	ug/l	89
86) p-Isopropyltoluene	13.30	119	8707	0.470	ug/l	98
89) n-Butylbenzene	13.62	91	11178	0.640	ug/l #	72

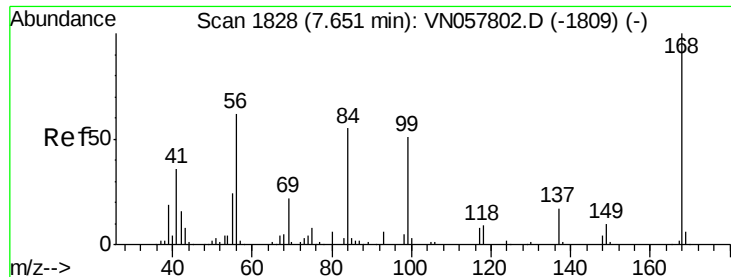
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
Data File : VN057910.D
Acq On : 11 Sep 2019 9:34
Operator : JC/SP
Sample : K4658-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HR-06-090619

Quant Time: Sep 12 01:30:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.89	117	4600	1.671	ug/l #	12
95) Naphthalene	15.13	128	35993	0.713	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057910.D

Acq: 11 Sep 2019 9:34

Instrument :

MSVOA_N

ClientSampleId :

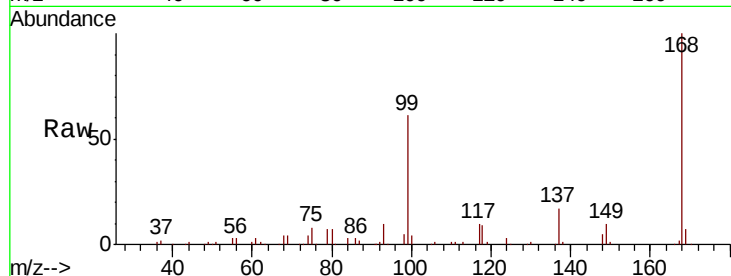
HR-06-090619

Tgt Ion: 168 Resp: 330919

Ion Ratio Lower Upper

168 100

99 60.8 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

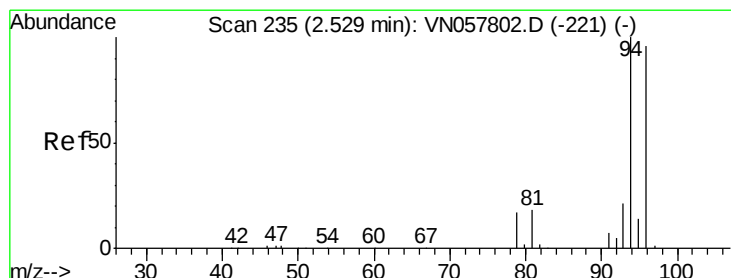
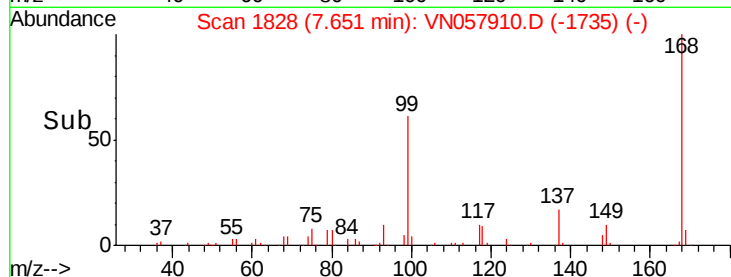
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.55 min Scan# 241

Delta R.T. 0.02 min

Lab File: VN057910.D

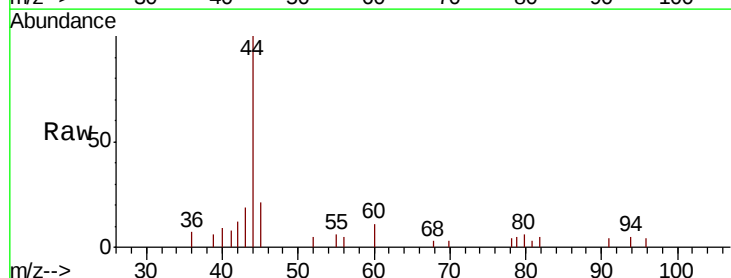
Acq: 11 Sep 2019 9:34

Tgt Ion: 94 Resp: 344

Ion Ratio Lower Upper

94 100

96 70.9 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

2.55

300

250

200

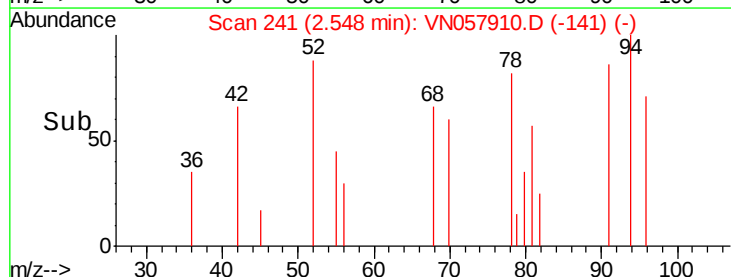
150

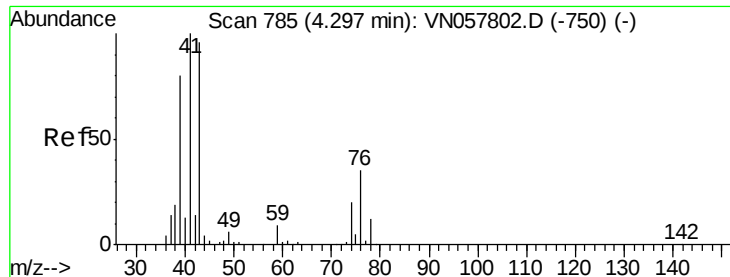
100

50

0

Time-->

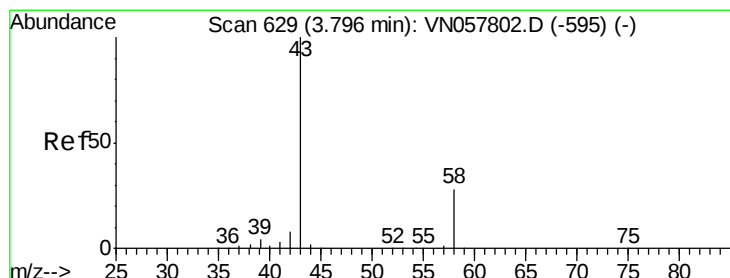
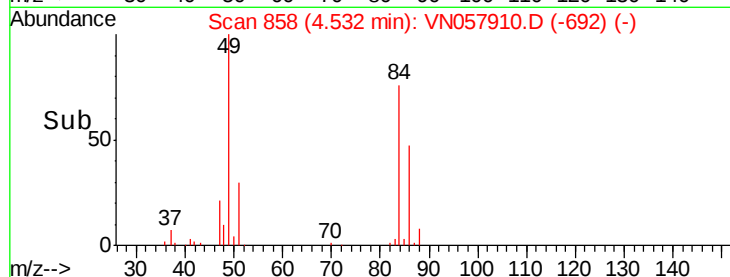
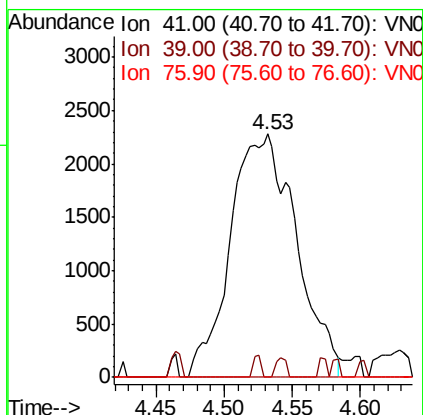
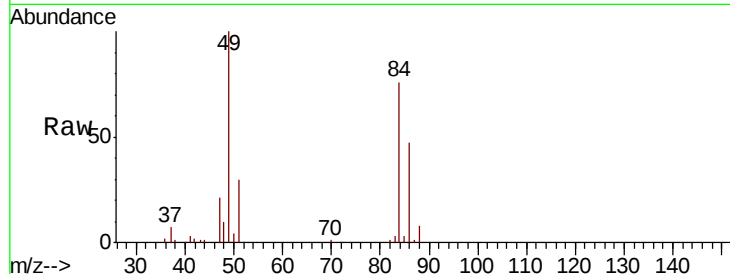




#14
 Allyl chloride
 Concen: 1.111 ug/l
 RT: 4.53 min Scan# 858
 Delta R.T. 0.23 min
 Lab File: VN057910.D
 Acq: 11 Sep 2019 9:34

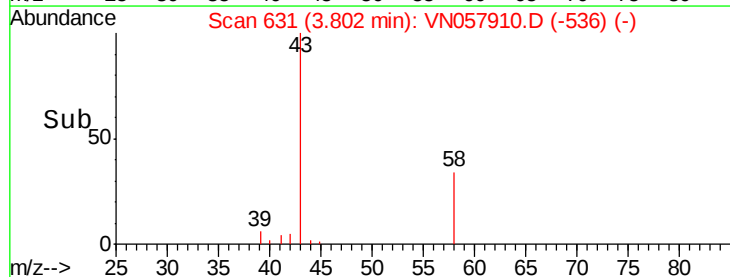
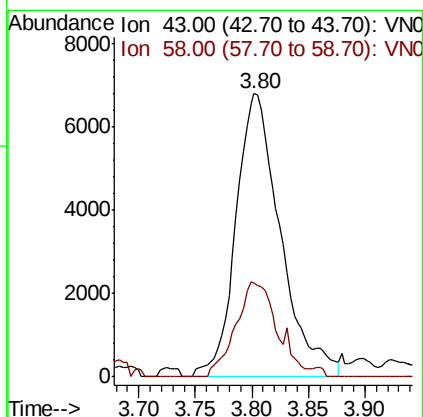
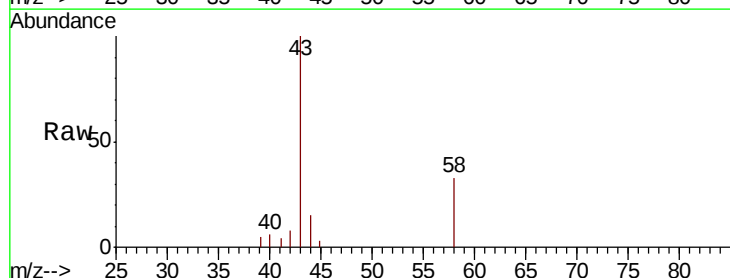
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-090619

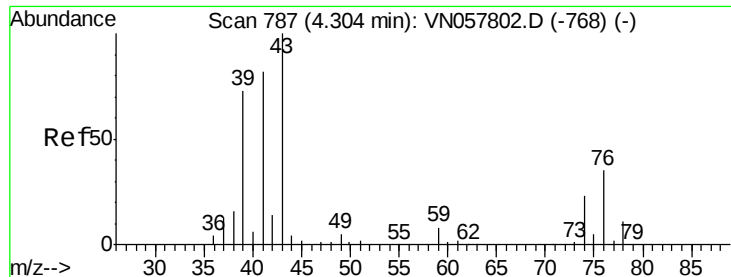
Tgt Ion: 41 Resp: 7660
 Ion Ratio Lower Upper
 41 100
 39 1.0 59.4 89.2#
 76 0.0 26.0 39.0#



#16
 Acetone
 Concen: 8.481 ug/l
 RT: 3.80 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: VN057910.D
 Acq: 11 Sep 2019 9:34

Tgt Ion: 43 Resp: 18635
 Ion Ratio Lower Upper
 43 100
 58 33.4 22.2 33.2#

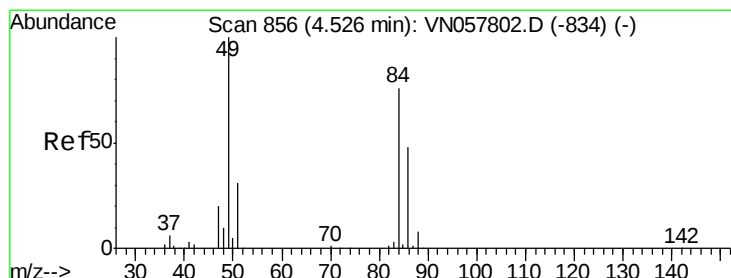
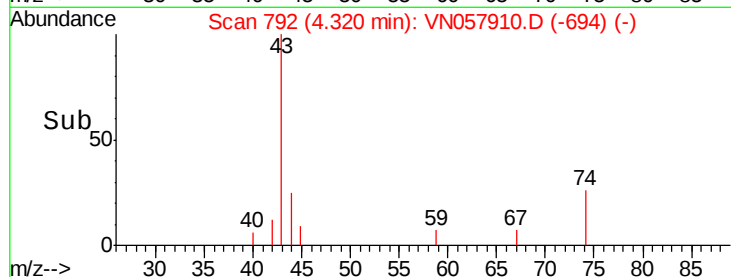
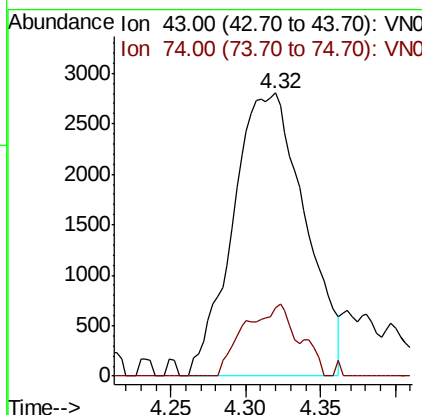
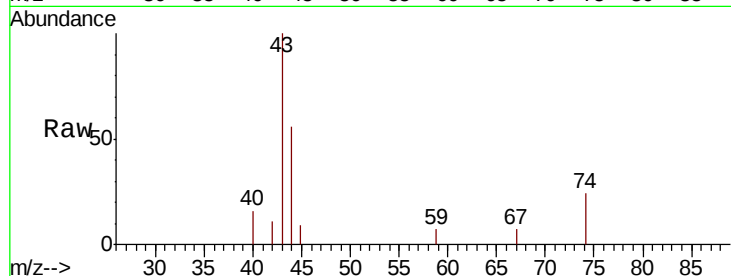




#18
Methyl Acetate
Concen: 1.600 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.02 min
Lab File: VN057910.D
Acq: 11 Sep 2019 9:34

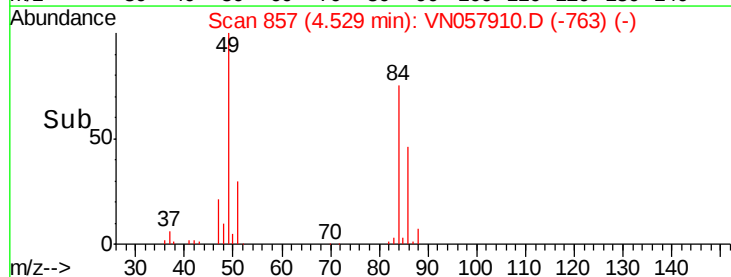
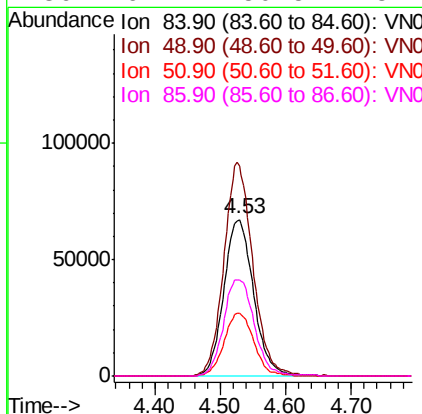
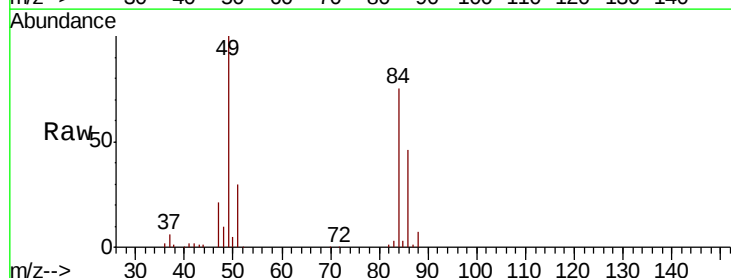
Instrument :
MSVOA_N
ClientSampleId :
HR-06-090619

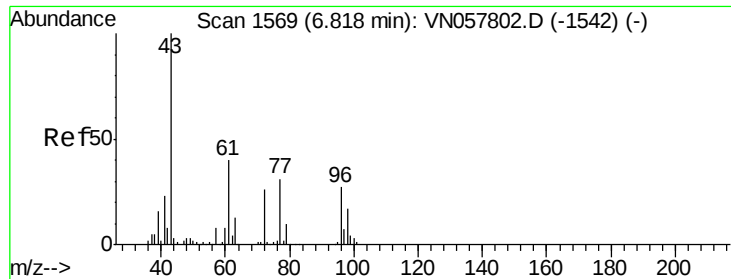
Tgt Ion: 43 Resp: 9372
Ion Ratio Lower Upper
43 100
74 16.7 17.9 26.9#



#20
Methylene Chloride
Concen: 50.665 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN057910.D
Acq: 11 Sep 2019 9:34

Tgt Ion: 84 Resp: 211855
Ion Ratio Lower Upper
84 100
49 133.7 104.8 157.2
51 39.8 33.0 49.4
86 61.1 50.5 75.7

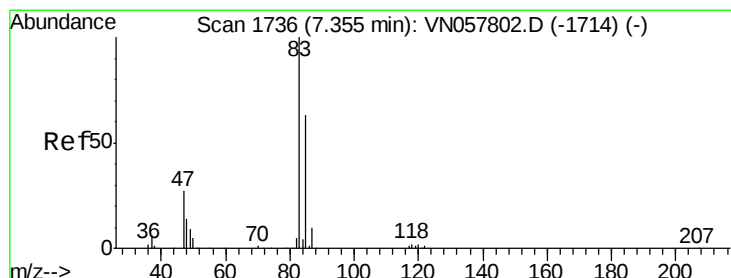
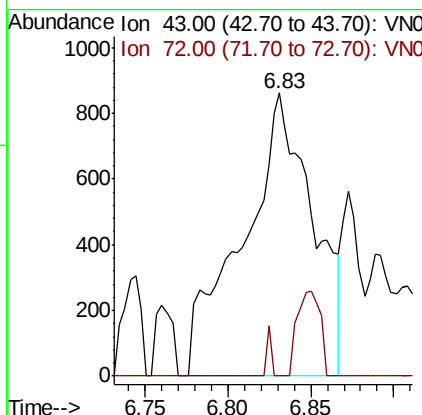
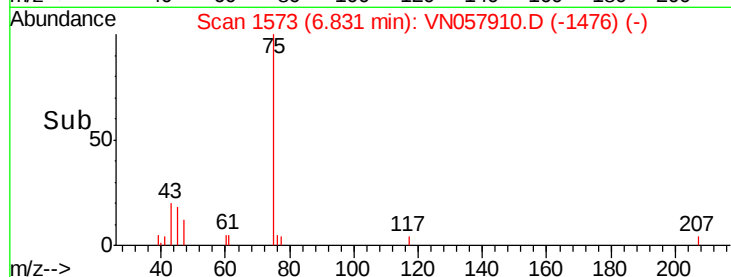
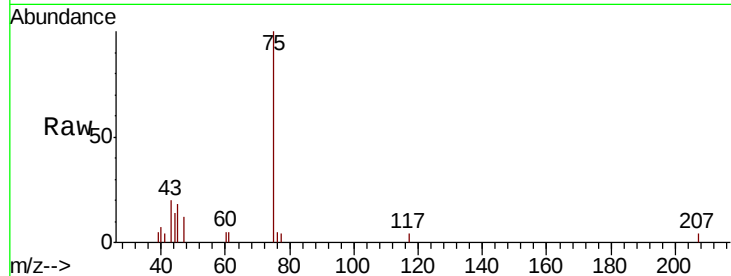




#25
2-Butanone
Concen: 0.796 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VN057910.D
Acq: 11 Sep 2019 9:34

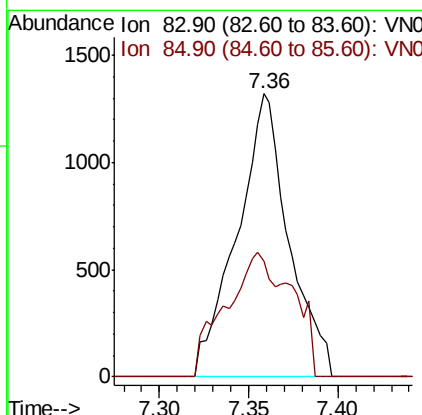
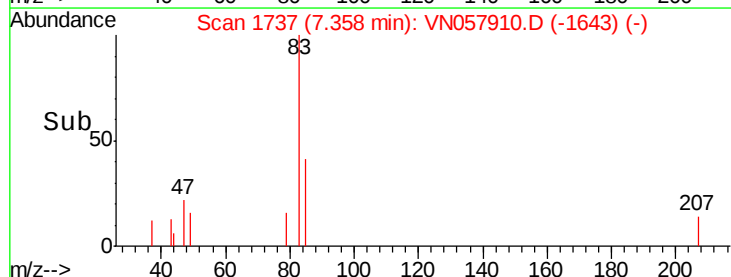
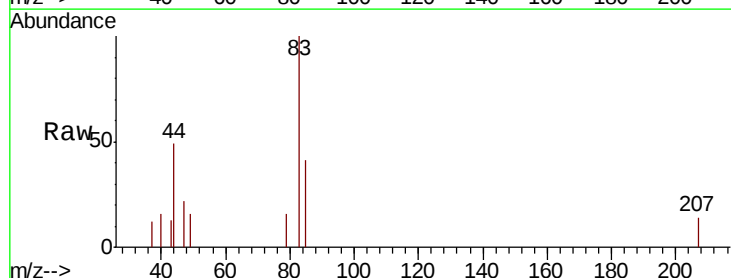
Instrument :
MSVOA_N
ClientSampleId :
HR-06-090619

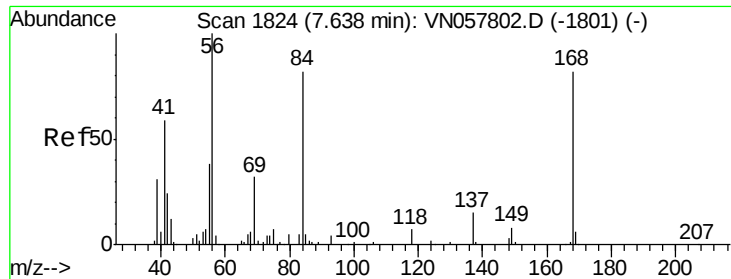
Tgt Ion: 43 Resp: 2531
Ion Ratio Lower Upper
43 100
72 0.0 20.6 30.8#



#30
Chloroform
Concen: 0.288 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN057910.D
Acq: 11 Sep 2019 9:34

Tgt Ion: 83 Resp: 2665
Ion Ratio Lower Upper
83 100
85 41.0 50.6 75.8#

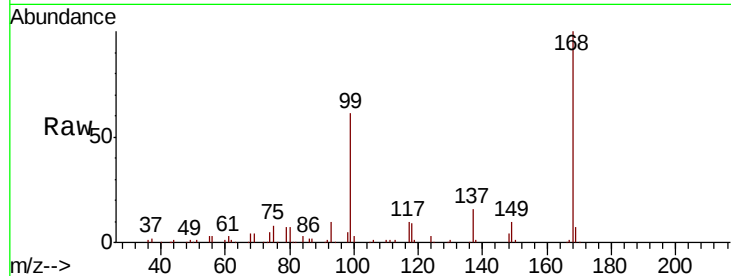




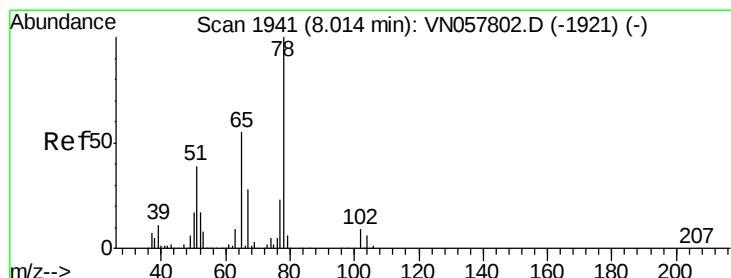
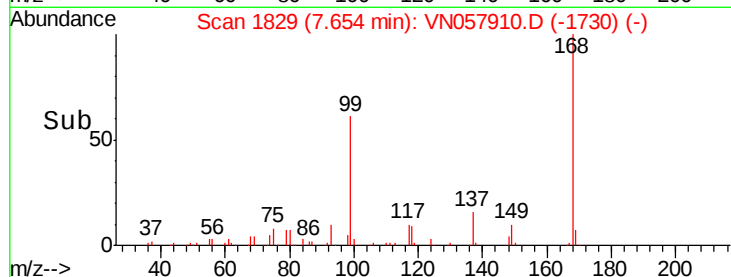
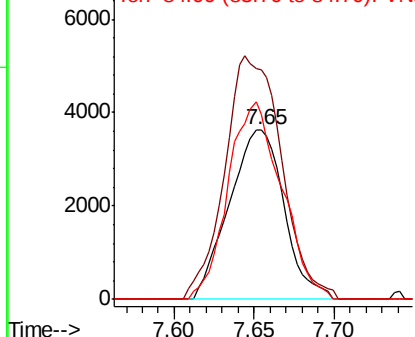
#31
Cyclohexane
Concen: Below Cal
RT: 7.65 min Scan# 1829
Delta R.T. 0.02 min
Lab File: VN057910.D
Acq: 11 Sep 2019 9:34

Instrument :
MSVOA_N
ClientSampleId :
HR-06-090619

Tgt Ion: 56 Resp: 8502
Ion Ratio Lower Upper
56 100
69 135.0 25.9 38.9#
84 108.8 65.6 98.4#

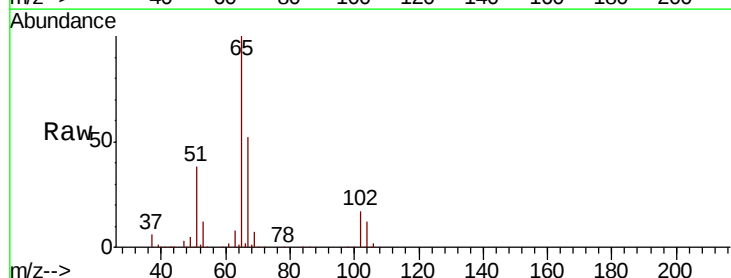


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

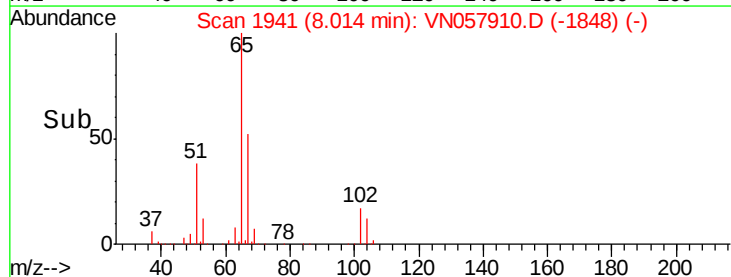
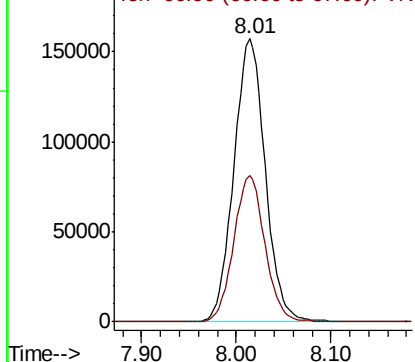


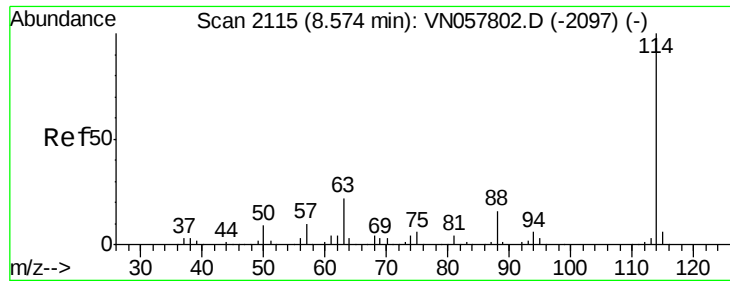
#33
1,2-Dichloroethane-d4
Concen: 54.087 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057910.D
Acq: 11 Sep 2019 9:34

Tgt Ion: 65 Resp: 362520
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0



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

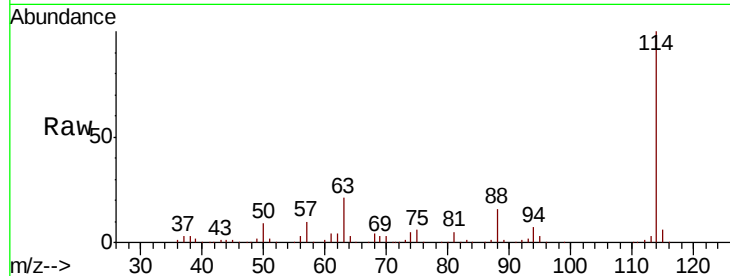




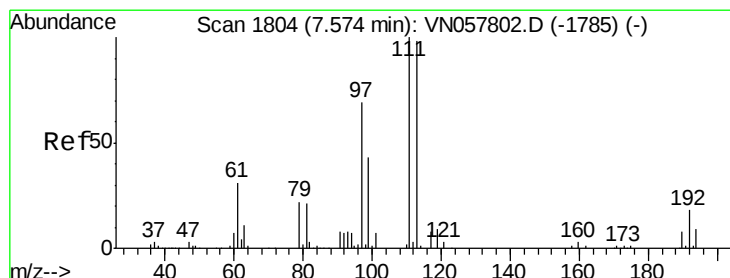
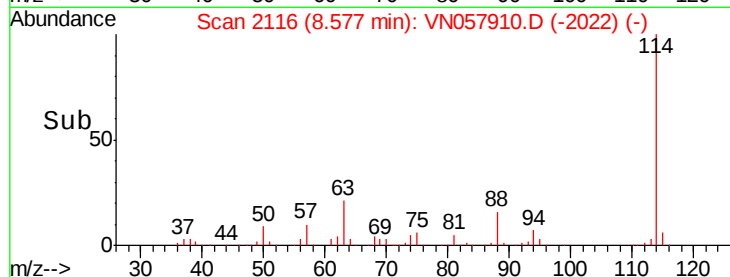
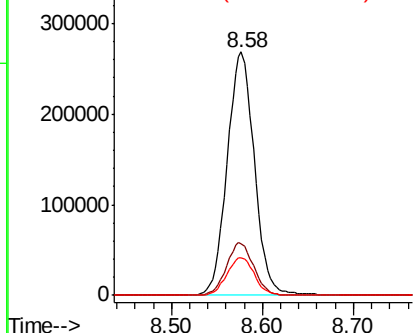
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057910.D
 Acq: 11 Sep 2019 9:34

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-090619

Tgt Ion:114 Resp: 557586
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 44.0
 88 15.5 0.0 31.4

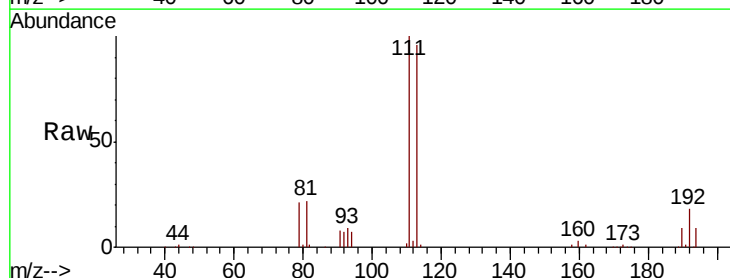


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

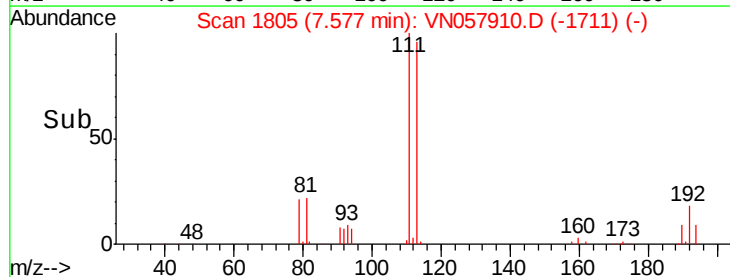
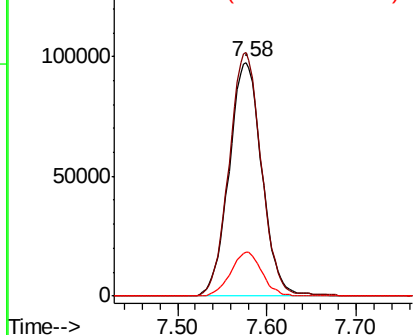


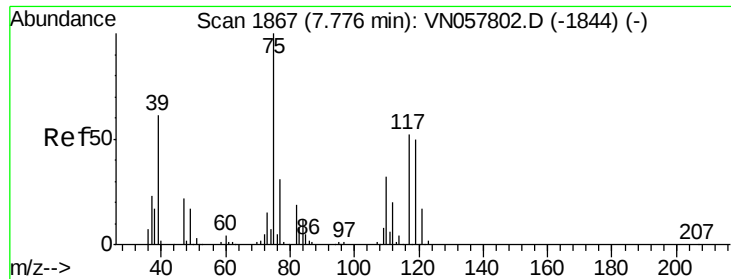
#35
 Dibromofluoromethane
 Concen: 48.296 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057910.D
 Acq: 11 Sep 2019 9:34

Tgt Ion:113 Resp: 248545
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.3 121.9
 192 17.9 14.6 22.0



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

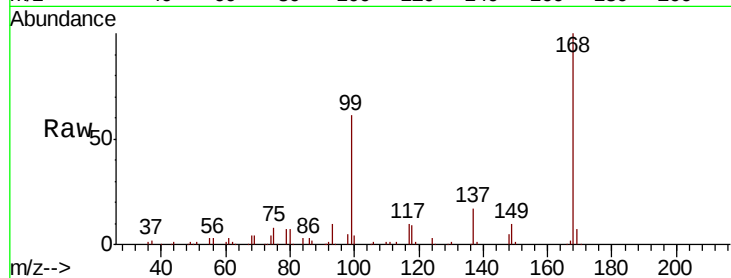




#36
 1,1-Dichloropropene
 Concen: 4.383 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057910.D
 Acq: 11 Sep 2019 9:34

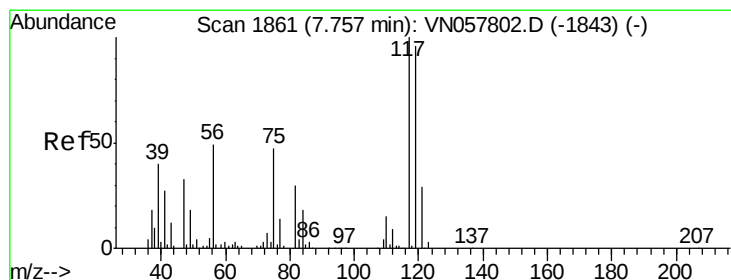
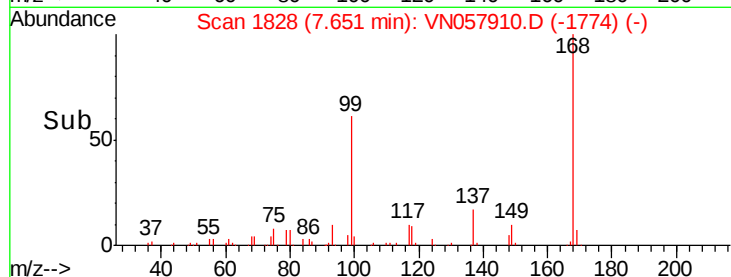
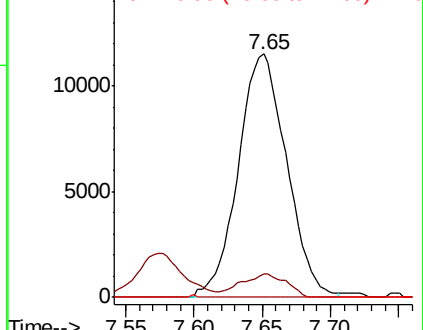
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-090619

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	16.3	48.9#
77	0.0	25.0	37.4#



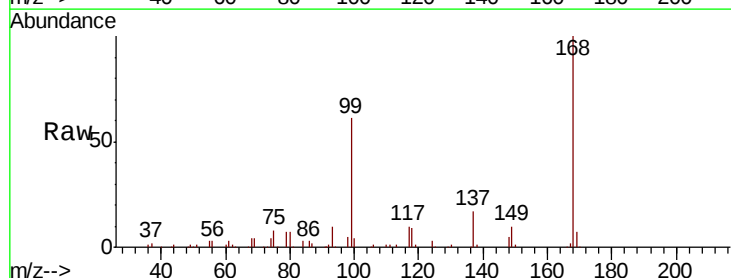
Abundance

Ion 74.90 (74.60 to 75.60): VN057802.D (-1844) (-)



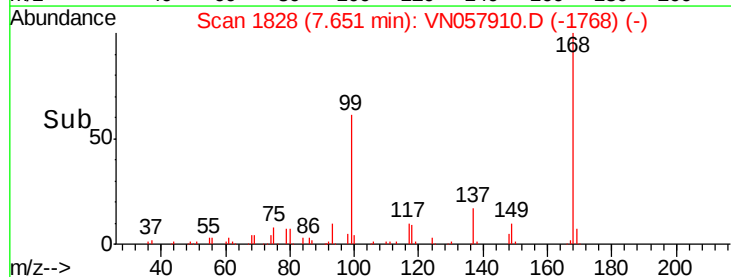
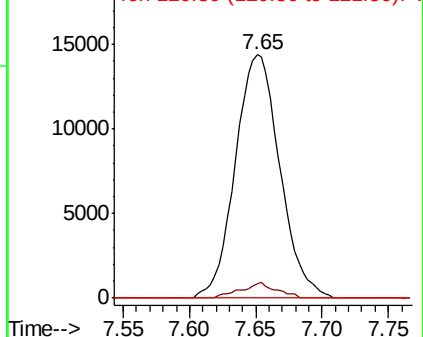
#38
 Carbon Tetrachloride
 Concen: 5.705 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN057910.D
 Acq: 11 Sep 2019 9:34

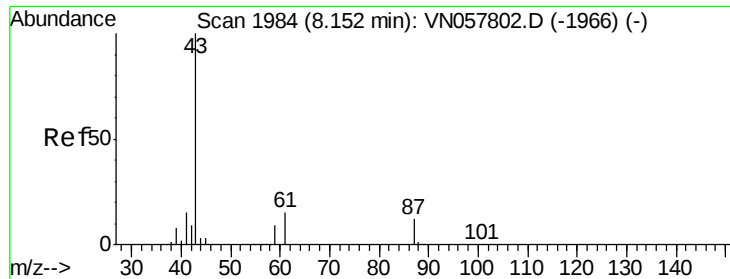
Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.1	76.9	115.3#
121	0.0	23.4	35.2#



Abundance

Ion 116.80 (116.50 to 117.50): VN057802.D (-1843) (-)





#43

Isopropyl Acetate

Concen: 8.710 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057910.D

Acq: 11 Sep 2019 9:34

Instrument :

MSVOA_N

ClientSampleId :

HR-06-090619

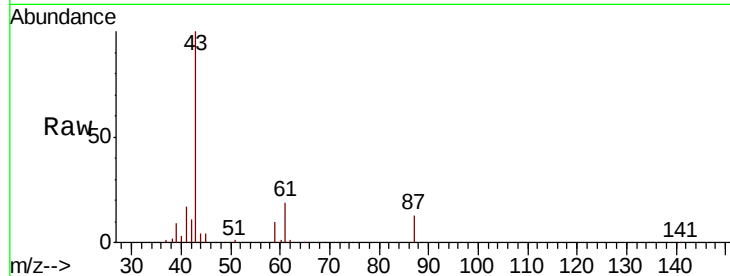
Tgt Ion: 43 Resp: 97865

Ion Ratio Lower Upper

43 100

61 17.0 20.1 30.1#

87 10.5 9.5 14.3

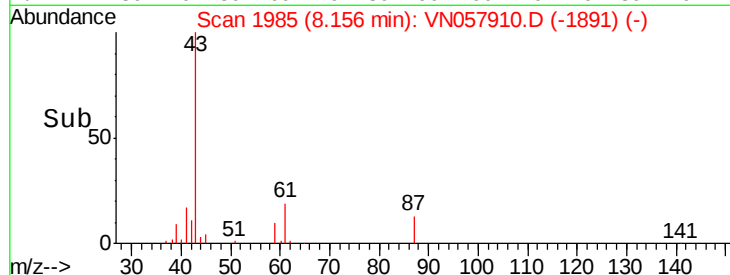


Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057802.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057802.D (-1966) (-)

Time-->



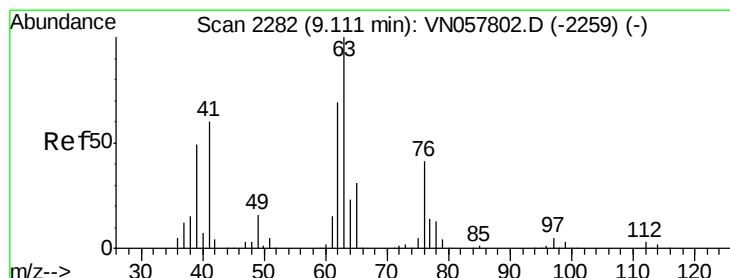
Abundance

Ion 43.00 (42.70 to 43.70): VN057910.D (-1891) (-)

Ion 61.00 (60.70 to 61.70): VN057910.D (-1891) (-)

Ion 87.00 (86.70 to 87.70): VN057910.D (-1891) (-)

Time-->



#45

1,2-Dichloropropane

Concen: 0.325 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN057910.D

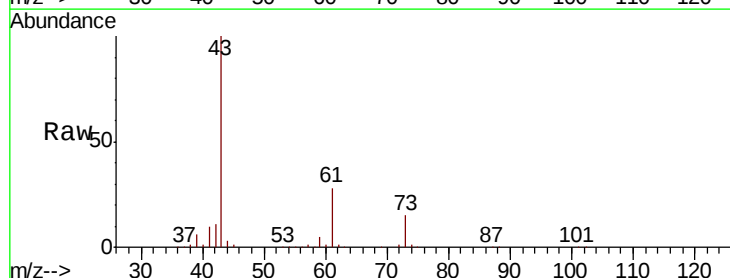
Acq: 11 Sep 2019 9:34

Tgt Ion: 63 Resp: 1842

Ion Ratio Lower Upper

63 100

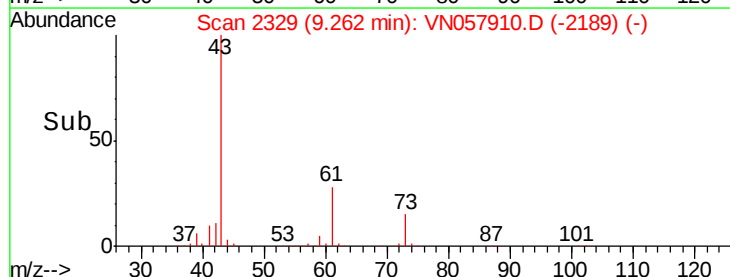
65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VN057802.D (-2259) (-)

Ion 64.90 (64.60 to 65.60): VN057802.D (-2259) (-)

Time-->

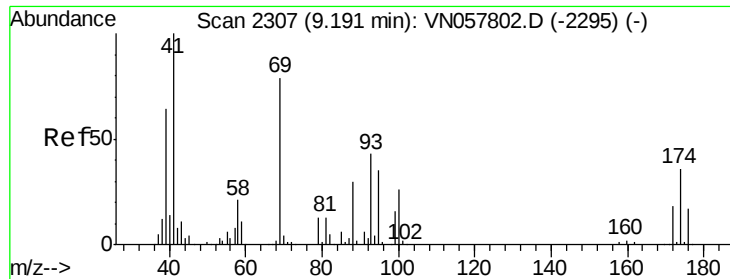


Abundance

Ion 62.90 (62.60 to 63.60): VN057910.D (-2189) (-)

Ion 64.90 (64.60 to 65.60): VN057910.D (-2189) (-)

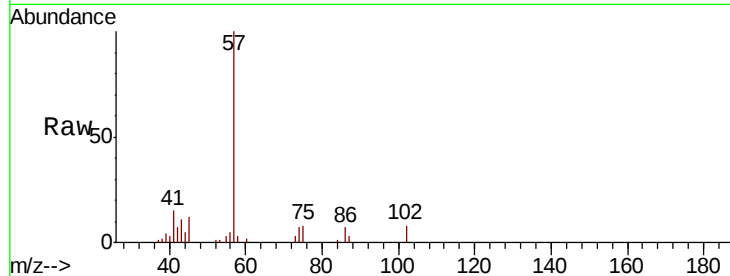
Time-->



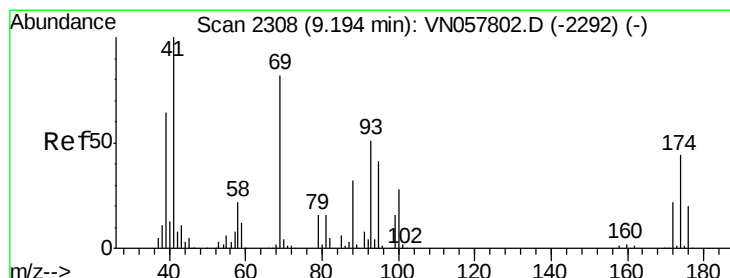
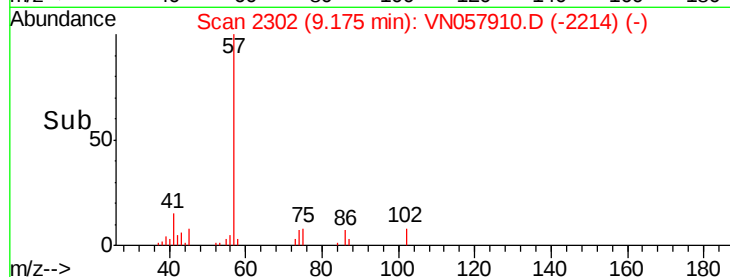
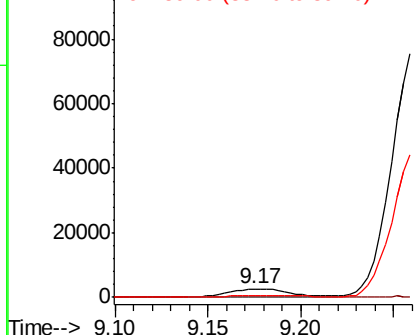
#48
Methyl methacrylate
Concen: 1.096 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN057910.D
Acq: 11 Sep 2019 9:34

Instrument :
MSVOA_N
ClientSampleId :
HR-06-090619

Tgt Ion: 41 Resp: 6245
Ion Ratio Lower Upper
41 100
69 0.0 62.7 94.1#
39 0.0 52.7 79.1#

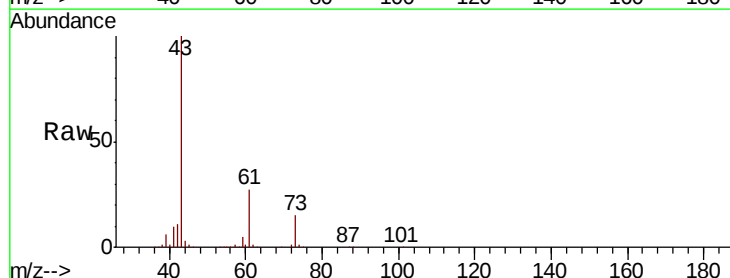


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

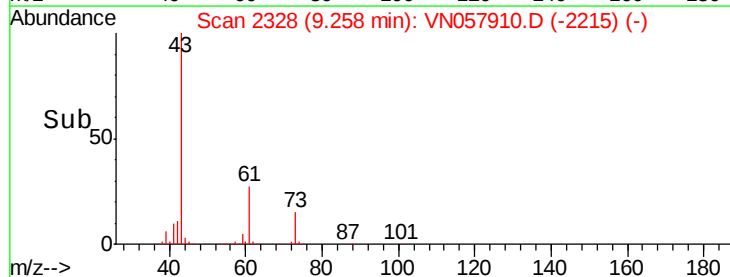
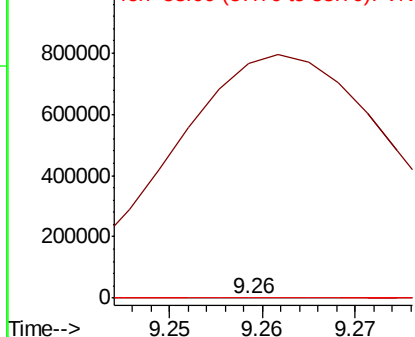


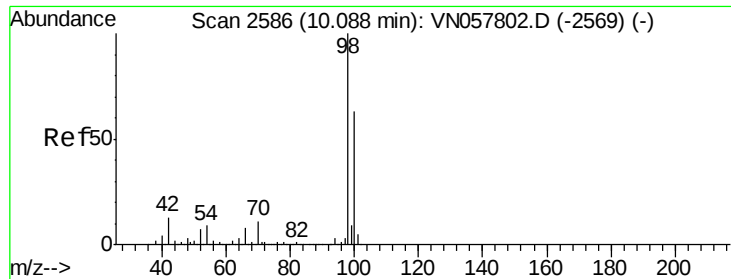
#49
1,4-Dioxane
Concen: 0.685 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.06 min
Lab File: VN057910.D
Acq: 11 Sep 2019 9:34

Tgt Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
43 2245442.4 28.5 42.7#
58 9797.0 55.8 83.6#



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





#50

Toluene-d8

Concen: 50.351 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057910.D

Acq: 11 Sep 2019 9:34

Instrument :

MSVOA_N

ClientSampleId :

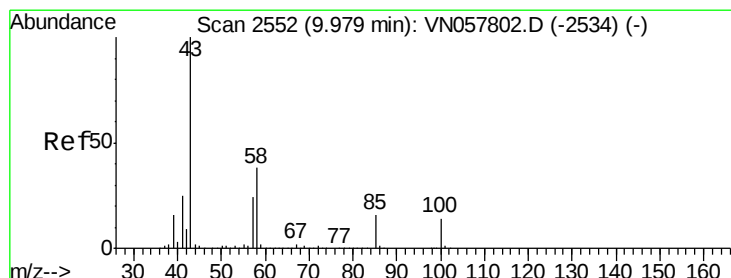
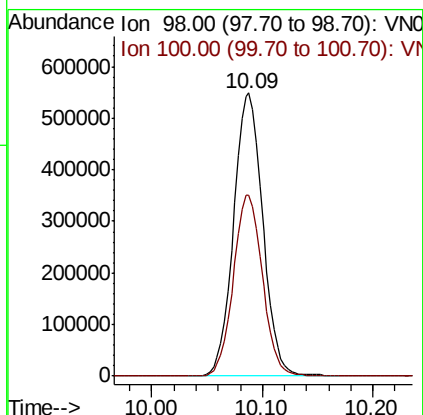
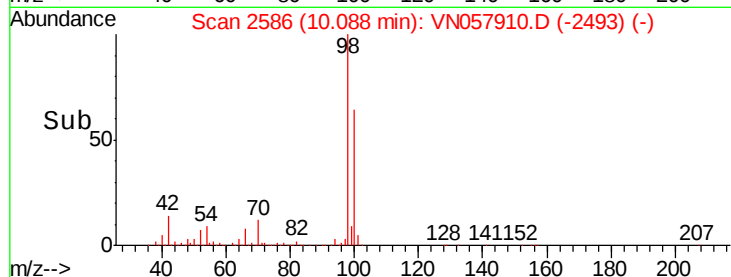
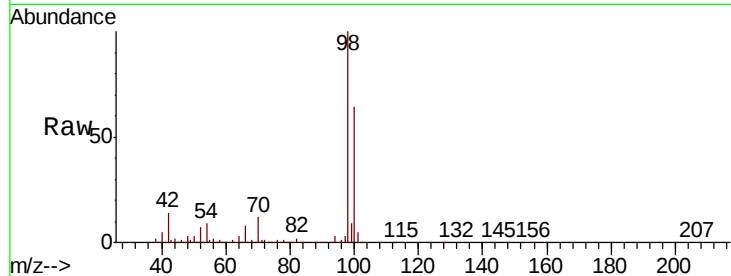
HR-06-090619

Tgt Ion: 98 Resp: 1006056

Ion Ratio Lower Upper

98 100

100 64.0 50.3 75.5



#51

4-Methyl-2-Pentanone

Concen: 1.100 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.01 min

Lab File: VN057910.D

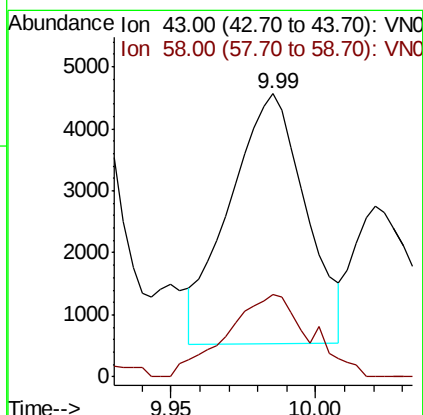
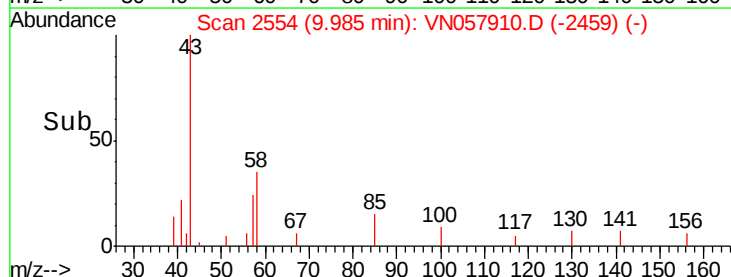
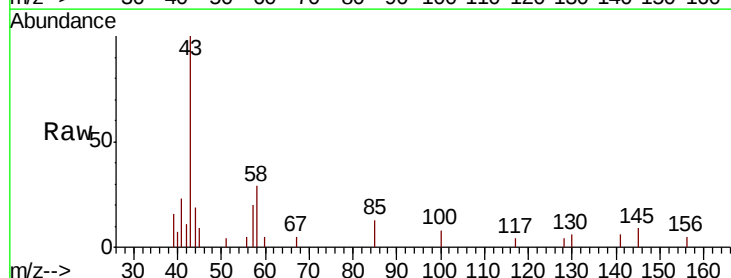
Acq: 11 Sep 2019 9:34

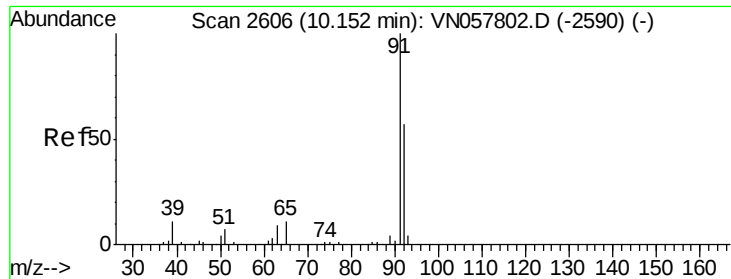
Tgt Ion: 43 Resp: 7317

Ion Ratio Lower Upper

43 100

58 35.9 29.8 44.6





#52

Toluene

Concen: 0.641 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN057910.D

Acq: 11 Sep 2019 9:34

Instrument :

MSVOA_N

ClientSampleId :

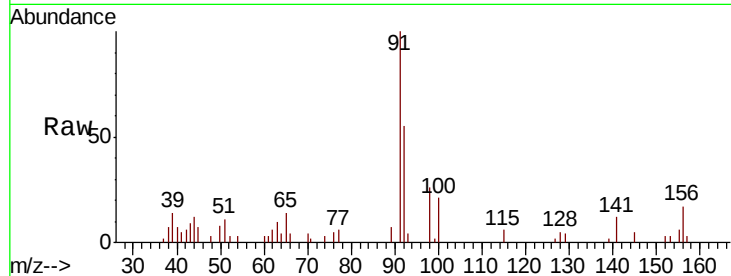
HR-06-090619

Tgt Ion: 92 Resp: 7866

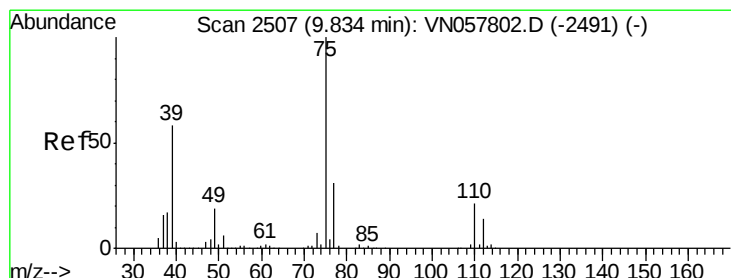
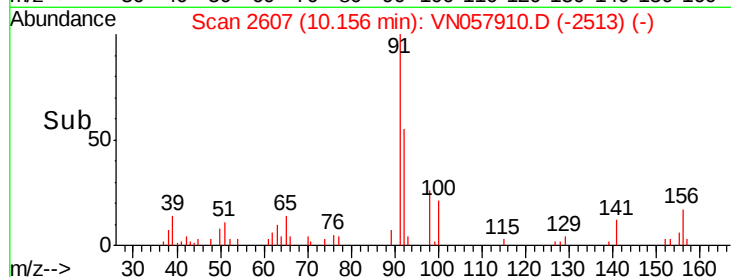
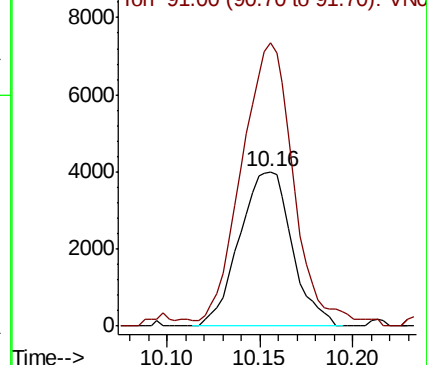
Ion Ratio Lower Upper

92 100

91 175.1 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN057910.D (-2513) (-)



#54

cis-1,3-Dichloropropene

Concen: 5.162 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN057910.D

Acq: 11 Sep 2019 9:34

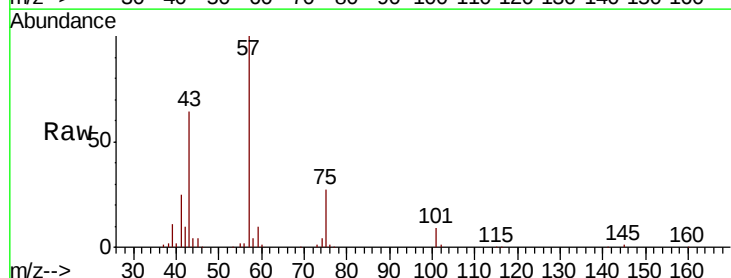
Tgt Ion: 75 Resp: 41029

Ion Ratio Lower Upper

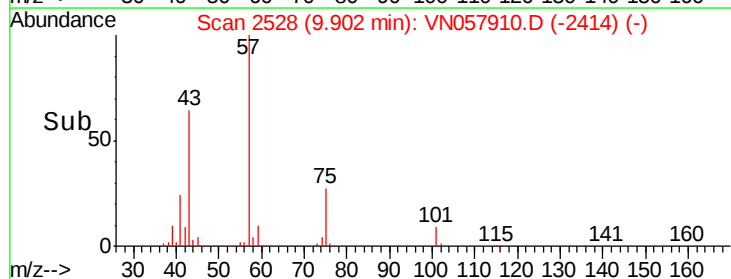
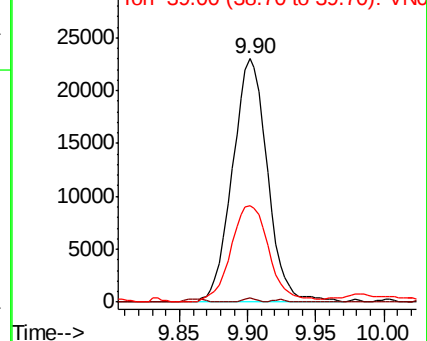
75 100

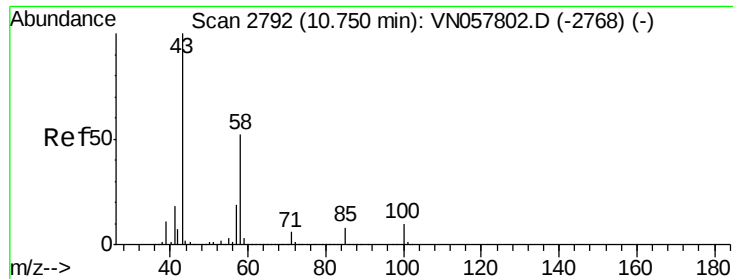
77 1.5 24.8 37.2#

39 39.6 46.2 69.4#



Abundance Ion 74.90 (74.60 to 75.60): VN057910.D (-2414) (-)

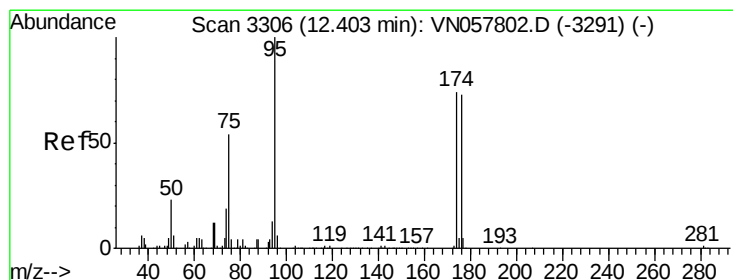
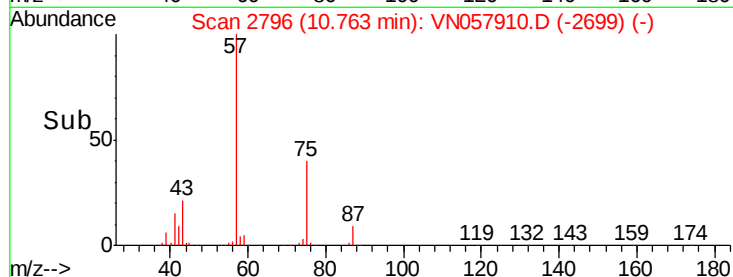
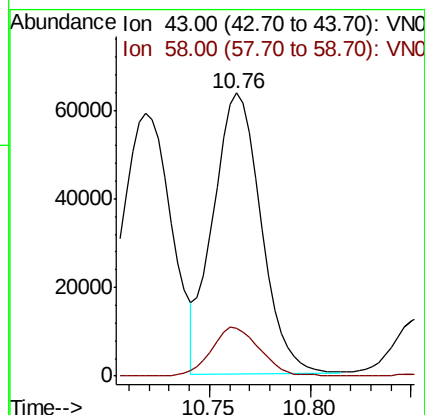
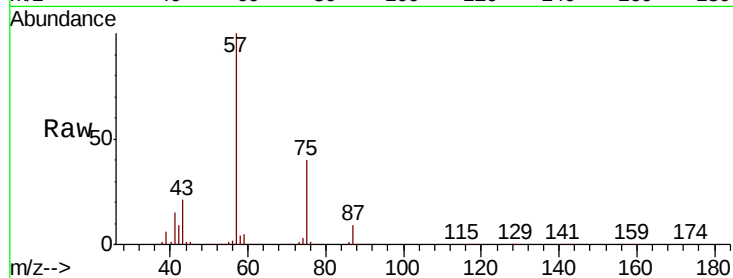




#59
2-Hexanone
Concen: 21.070 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN057910.D
Acq: 11 Sep 2019 9:34

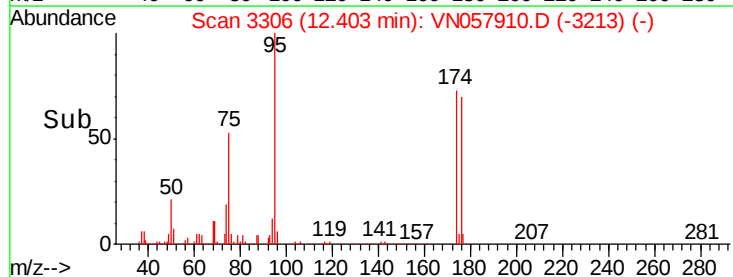
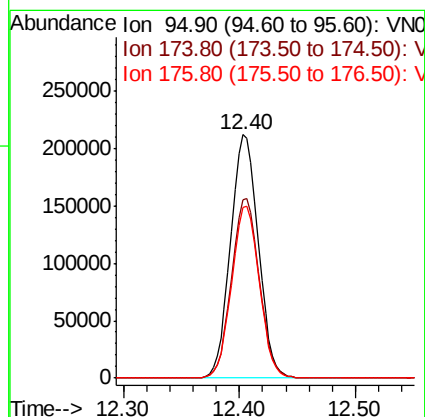
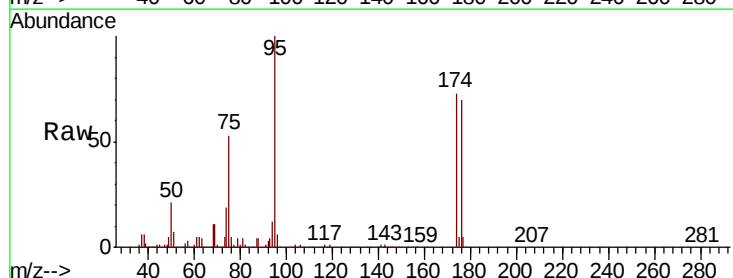
Instrument :
MSVOA_N
ClientSampleId :
HR-06-090619

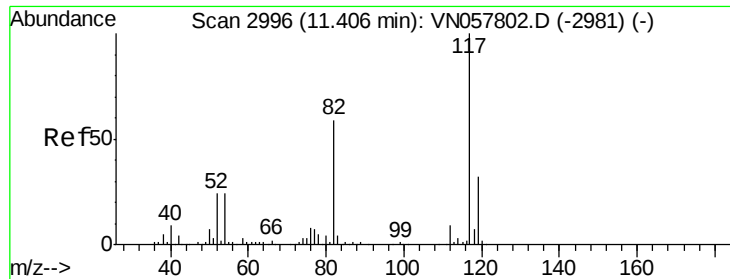
Tgt Ion: 43 Resp: 105005
Ion Ratio Lower Upper
43 100
58 17.5 25.6 76.8#



#62
4-Bromofluorobenzene
Concen: 46.027 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057910.D
Acq: 11 Sep 2019 9:34

Tgt Ion: 95 Resp: 350471
Ion Ratio Lower Upper
95 100
174 74.1 0.0 150.2
176 70.5 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057910.D

Acq: 11 Sep 2019 9:34

Instrument :

MSVOA_N

ClientSampleId :

HR-06-090619

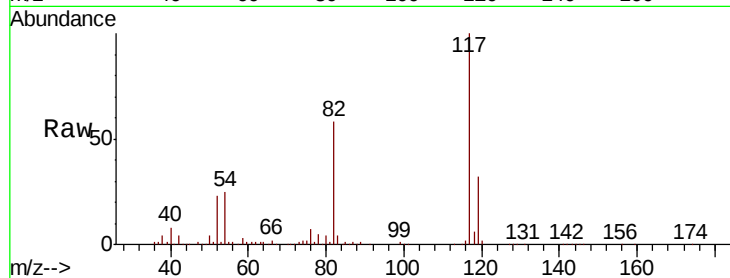
Tgt Ion:117 Resp: 519224

Ion Ratio Lower Upper

117 100

82 57.8 47.2 70.8

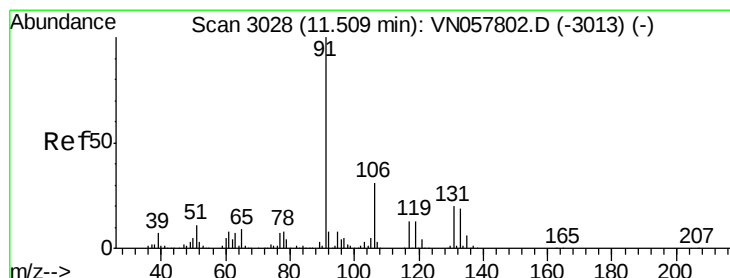
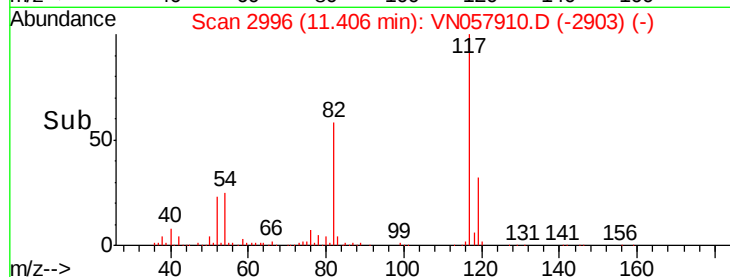
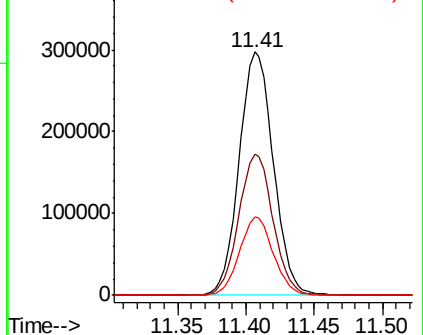
119 32.0 25.3 37.9



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



#67

Ethyl Benzene

Concen: 0.534 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN057910.D

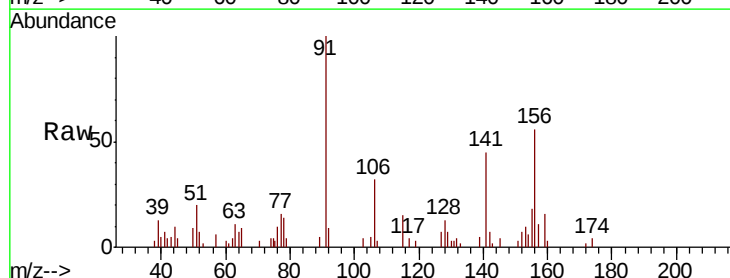
Acq: 11 Sep 2019 9:34

Tgt Ion: 91 Resp: 12724

Ion Ratio Lower Upper

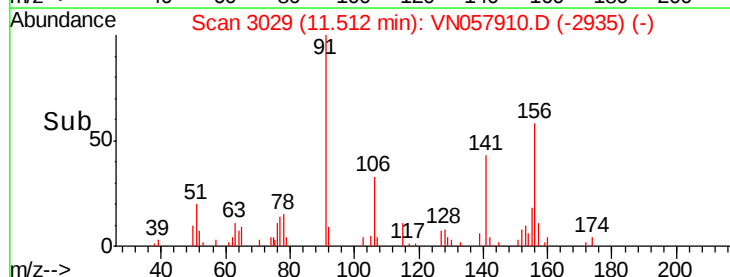
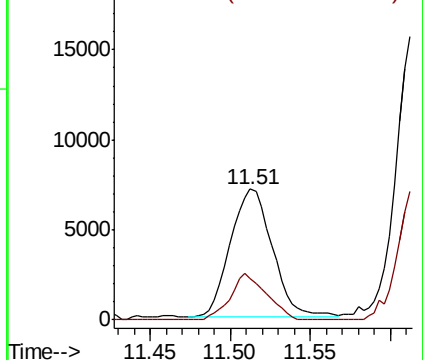
91 100

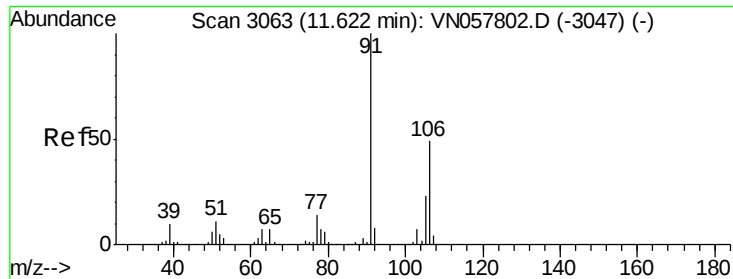
106 32.8 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

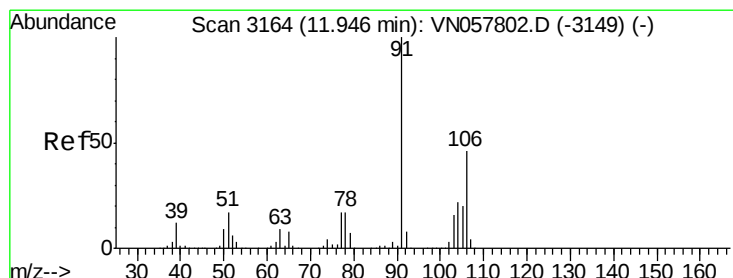
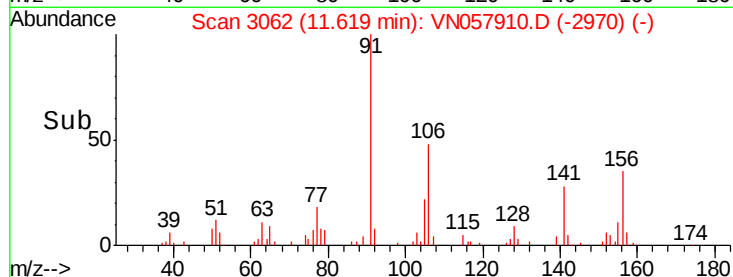
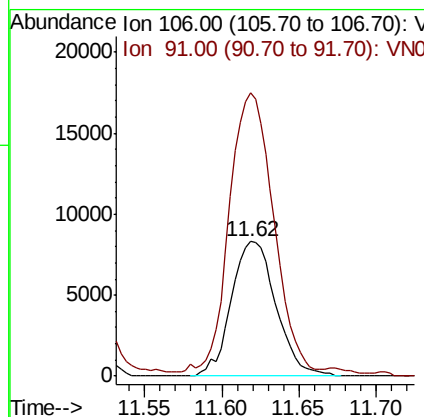
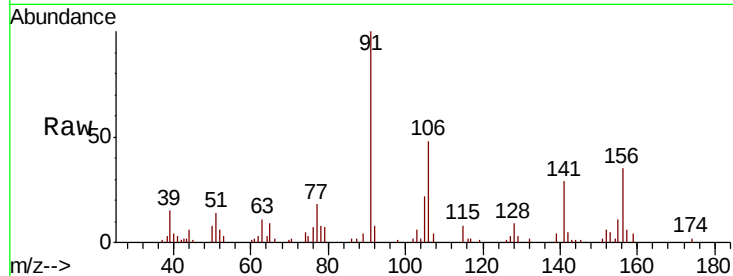




#68
m/p-Xylenes
Concen: 1.910 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN057910.D
Acq: 11 Sep 2019 9:34

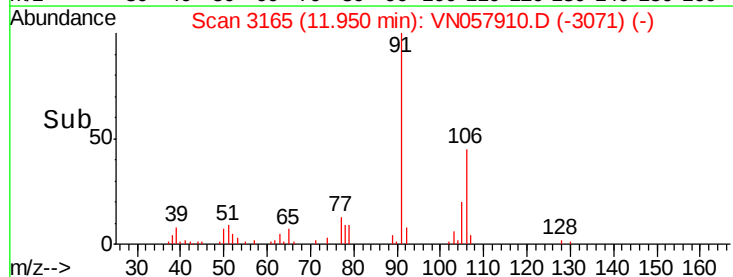
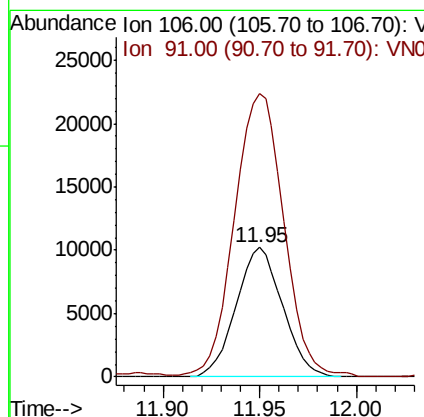
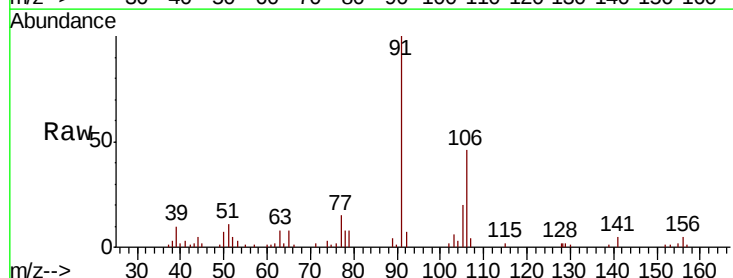
Instrument :
MSVOA_N
ClientSampled :
HR-06-090619

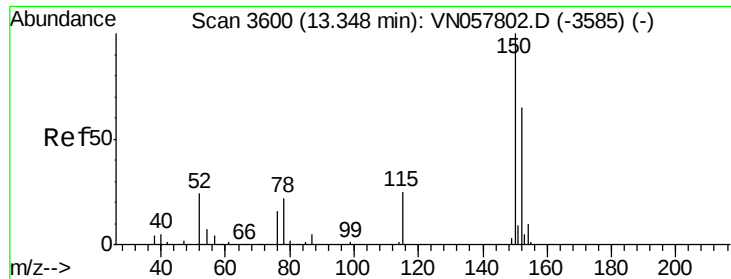
Tgt Ion:106 Resp: 16665
Ion Ratio Lower Upper
106 100
91 202.6 165.8 248.6



#69
o-Xylene
Concen: 1.965 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN057910.D
Acq: 11 Sep 2019 9:34

Tgt Ion:106 Resp: 17044
Ion Ratio Lower Upper
106 100
91 233.5 108.7 326.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057910.D

Acq: 11 Sep 2019 9:34

Instrument :

MSVOA_N

ClientSampleId :

HR-06-090619

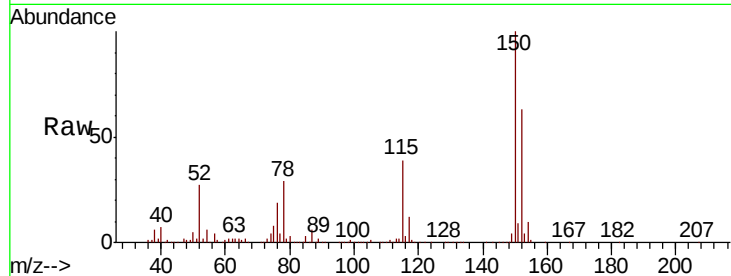
Tgt Ion:152 Resp: 271895

Ion Ratio Lower Upper

152 100

115 64.0 30.3 91.0

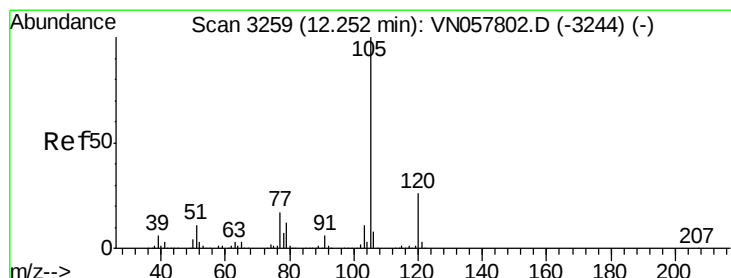
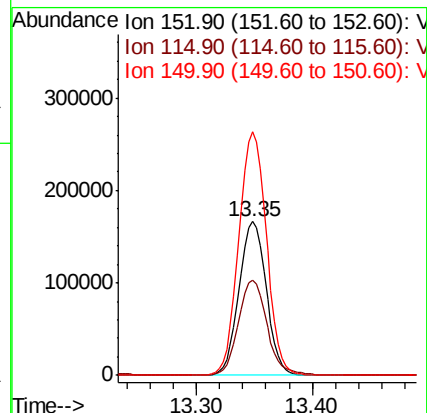
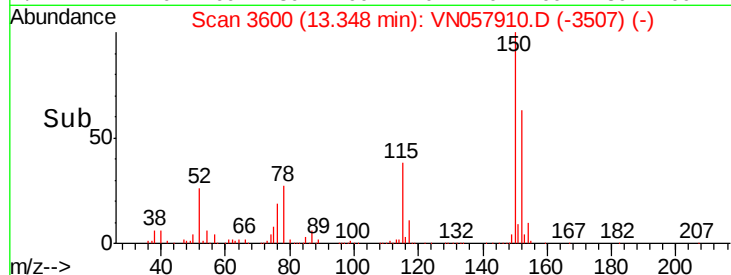
150 160.5 0.0 352.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.312 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057910.D

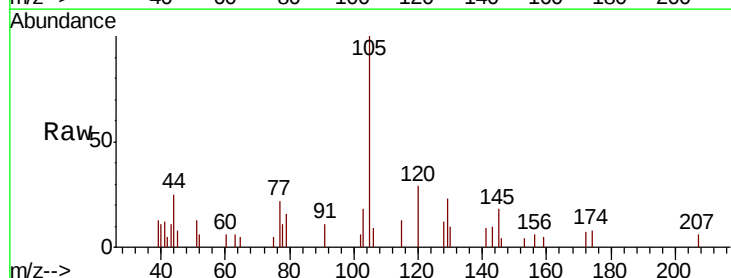
Acq: 11 Sep 2019 9:34

Tgt Ion:105 Resp: 6583

Ion Ratio Lower Upper

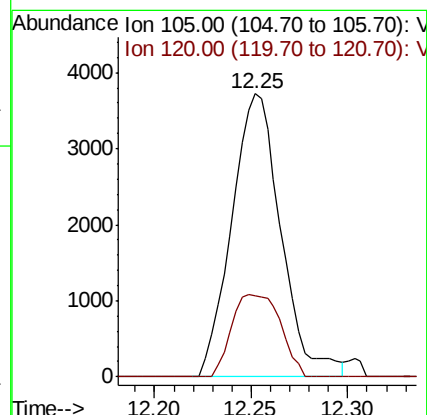
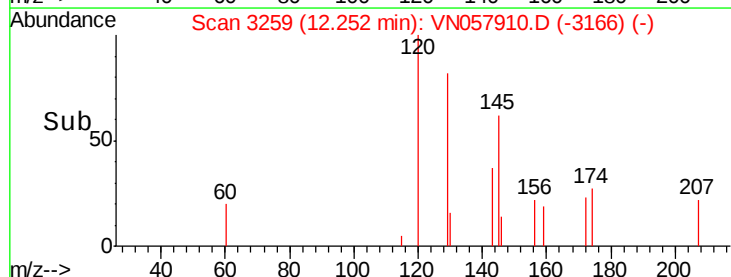
105 100

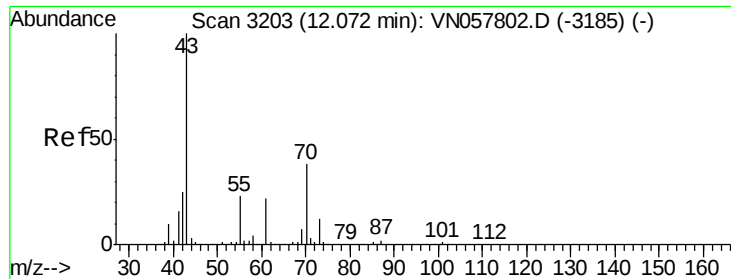
120 28.8 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 0.565 ug/l

RT: 12.04 min Scan# 3193

Delta R.T. -0.03 min

Lab File: VN057910.D

Acq: 11 Sep 2019 9:34

Instrument :

MSVOA_N

ClientSampleId :

HR-06-090619

Tgt Ion: 43 Resp: 5190

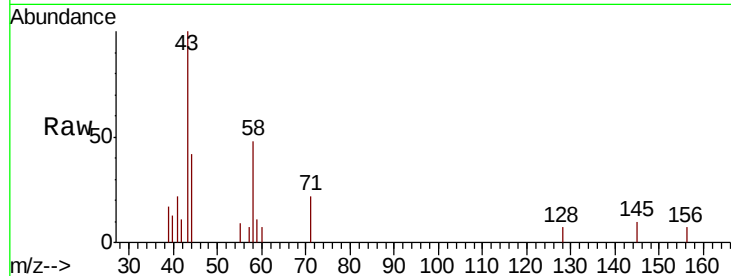
Ion Ratio Lower Upper

43 100

70 0.0 30.6 45.8#

55 6.0 18.6 27.8#

61 0.0 17.4 26.2#

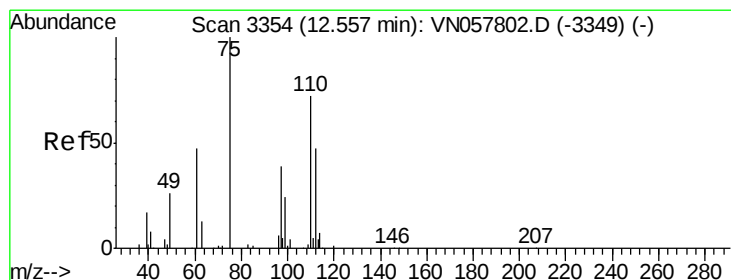
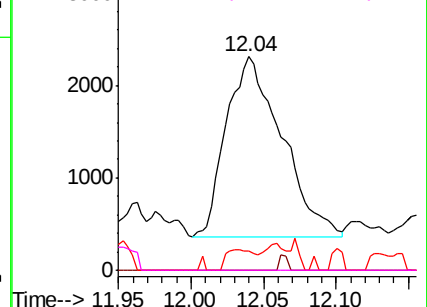
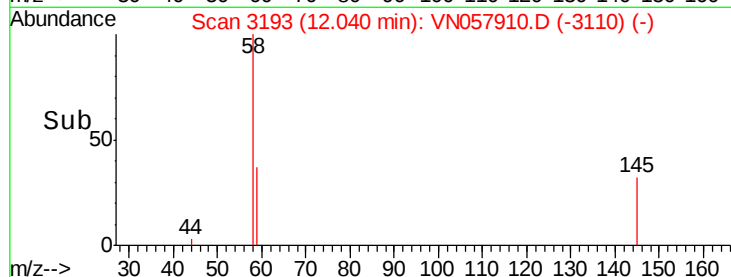


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 30.242 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057910.D

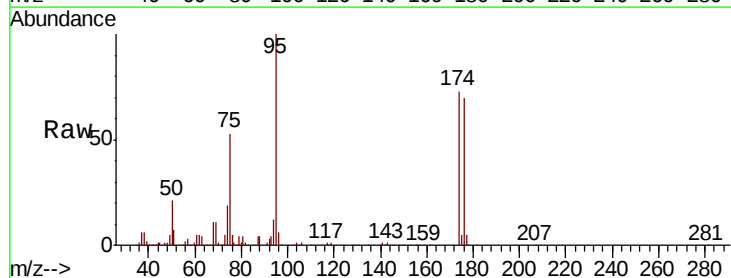
Acq: 11 Sep 2019 9:34

Tgt Ion: 75 Resp: 186012

Ion Ratio Lower Upper

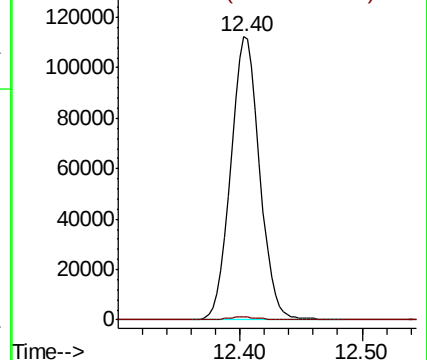
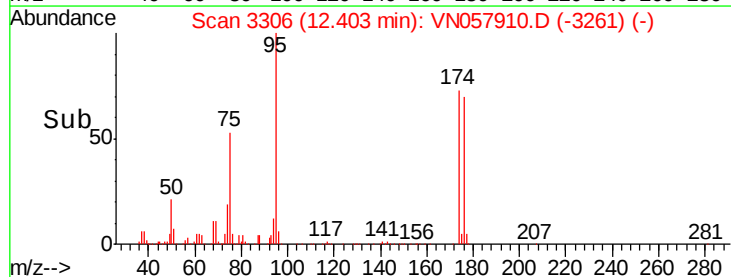
75 100

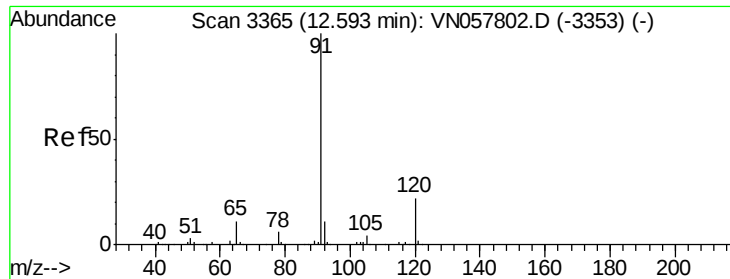
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

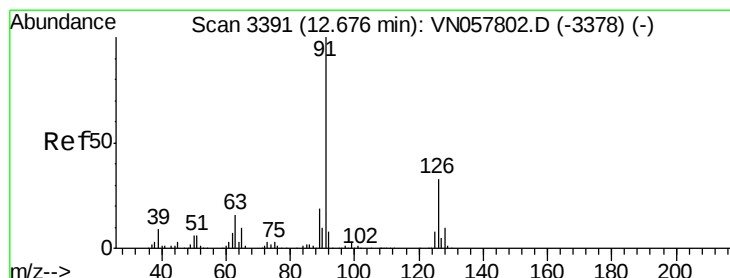
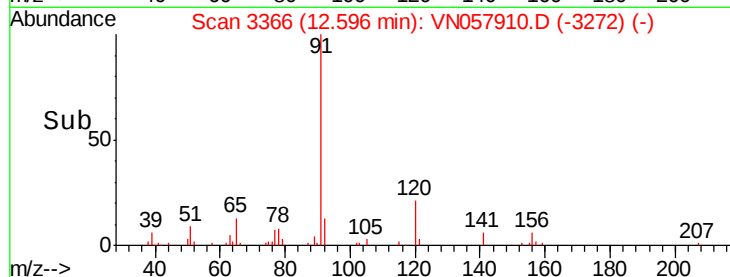
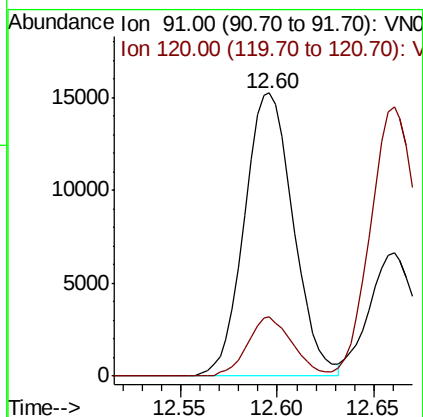
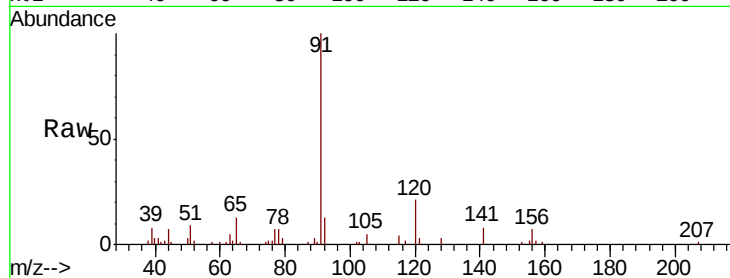




#78
n-propylbenzene
Concen: 1.108 ug/l
RT: 12.60 min Scan# 3366
Delta R.T. 0.00 min
Lab File: VN057910.D
Acq: 11 Sep 2019 9:34

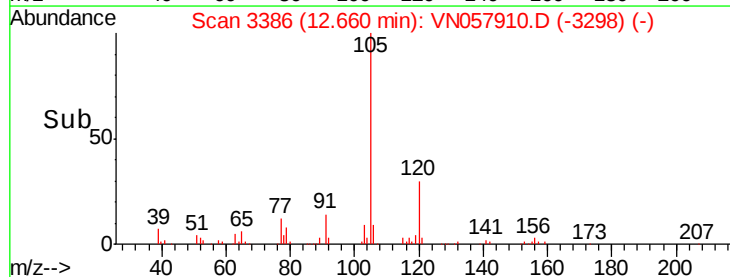
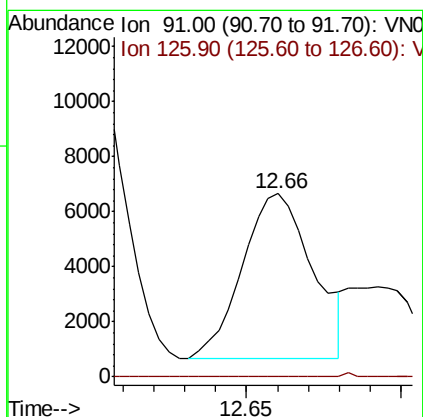
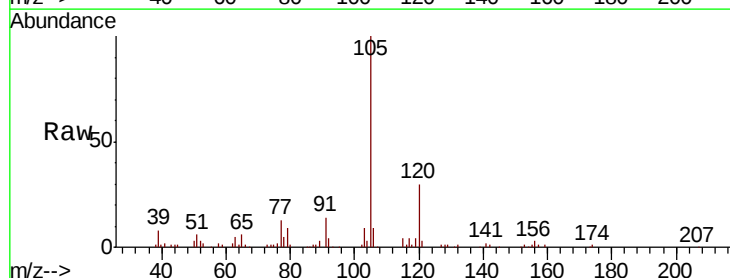
Instrument :
MSVOA_N
ClientSampleId :
HR-06-090619

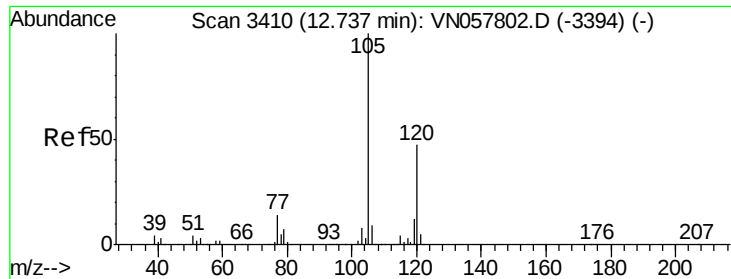
Tgt Ion: 91 Resp: 26842
Ion Ratio Lower Upper
91 100
120 19.1 11.1 33.1



#79
2-Chlorotoluene
Concen: 0.618 ug/l
RT: 12.66 min Scan# 3386
Delta R.T. -0.02 min
Lab File: VN057910.D
Acq: 11 Sep 2019 9:34

Tgt Ion: 91 Resp: 9461
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.2#

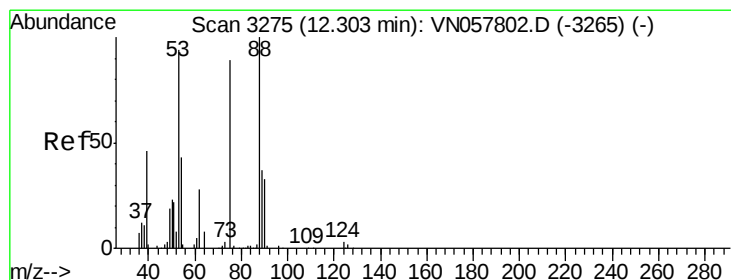
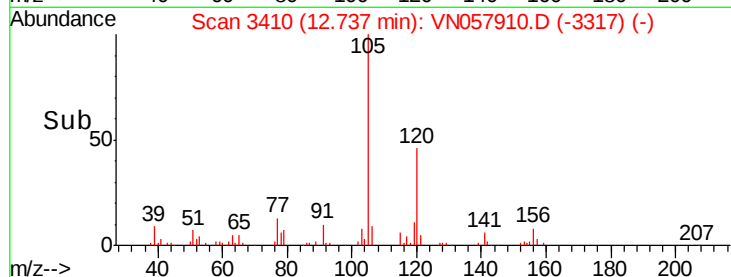
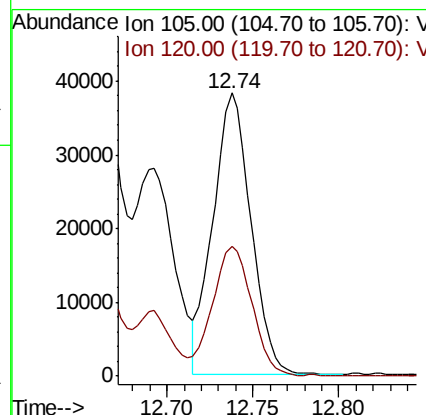
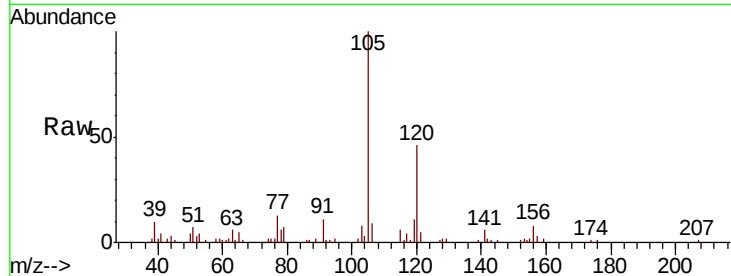




#80
 1,3,5-Trimethylbenzene
 Concen: 3.309 ug/l
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN057910.D
 Acq: 11 Sep 2019 9:34

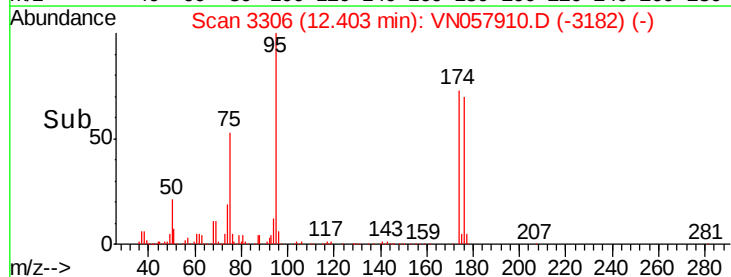
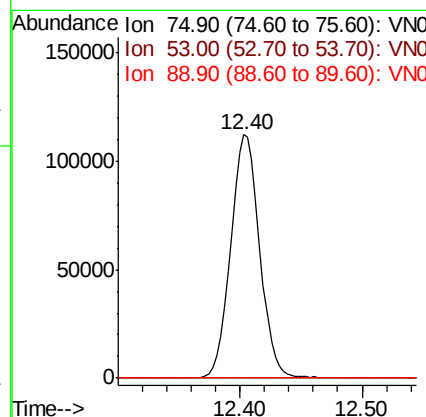
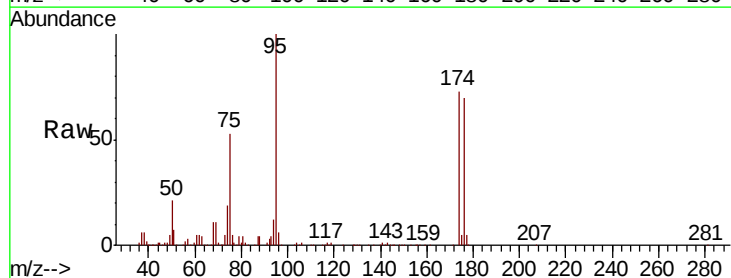
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-090619

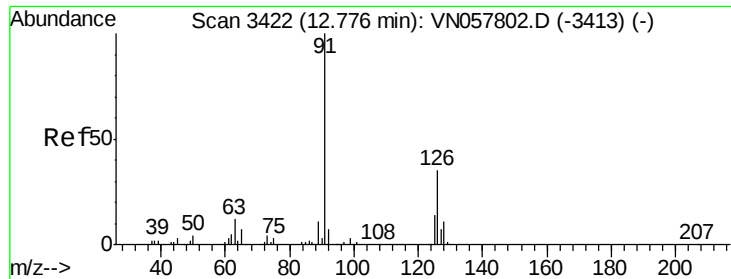
Tgt Ion: 105 Resp: 58990
 Ion Ratio Lower Upper
 105 100
 120 48.4 23.7 71.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.423 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057910.D
 Acq: 11 Sep 2019 9:34

Tgt Ion: 75 Resp: 186012
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 35.3 52.9#





#82

4-Chlorotoluene

Concen: 0.448 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.04 min

Lab File: VN057910.D

Acq: 11 Sep 2019 9:34

Instrument :

MSVOA_N

ClientSampleId :

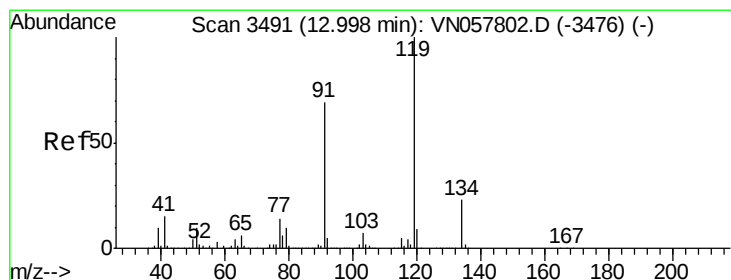
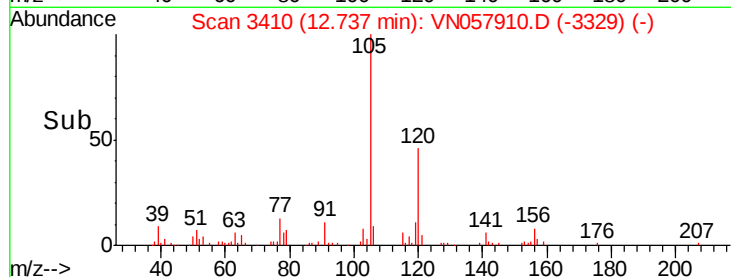
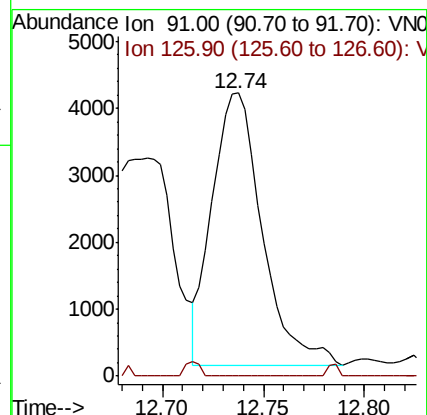
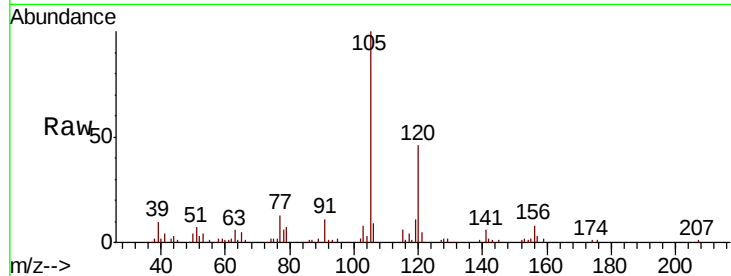
HR-06-090619

Tgt Ion: 91 Resp: 7043

Ion Ratio Lower Upper

91 100

126 0.0 16.0 48.0#



#83

tert-Butylbenzene

Concen: 1.226 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.05 min

Lab File: VN057910.D

Acq: 11 Sep 2019 9:34

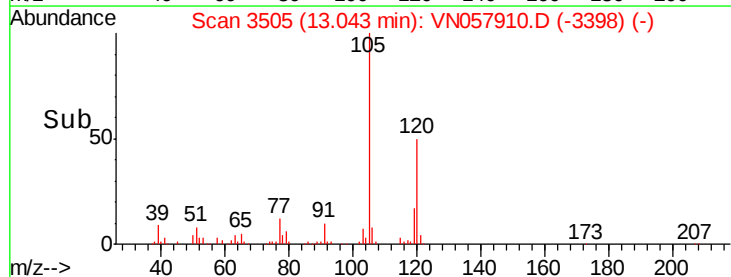
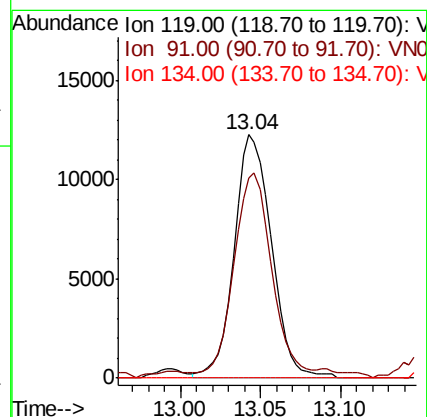
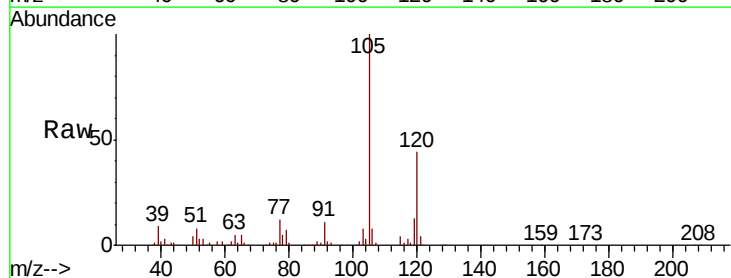
Tgt Ion: 119 Resp: 19433

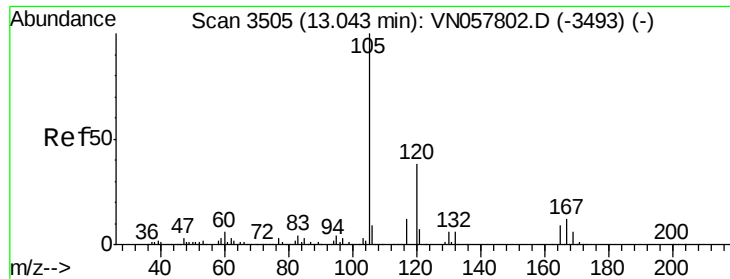
Ion Ratio Lower Upper

119 100

91 81.6 33.6 100.8

134 0.0 11.7 35.0#

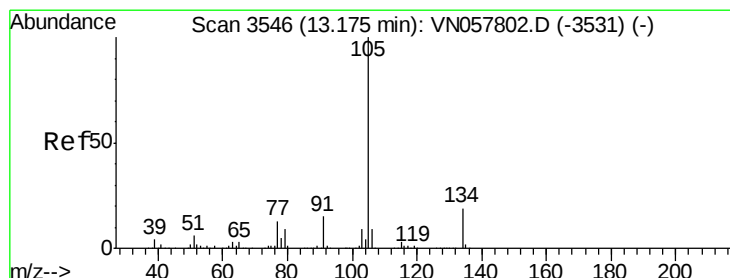
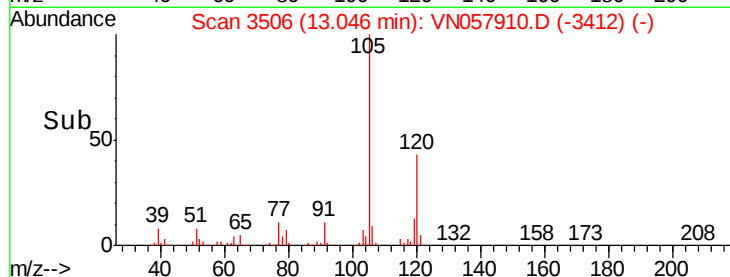
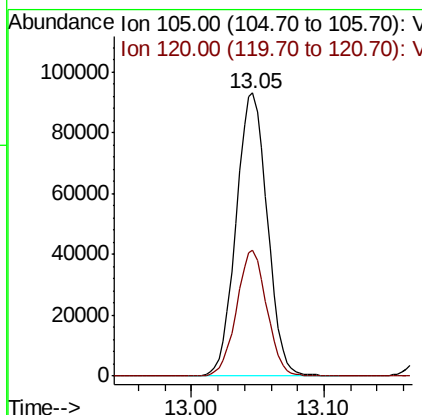
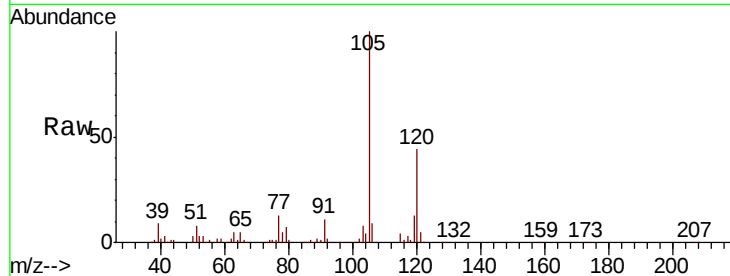




#84
1,2,4-Trimethylbenzene
Concen: 8.418 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN057910.D
Acq: 11 Sep 2019 9:34

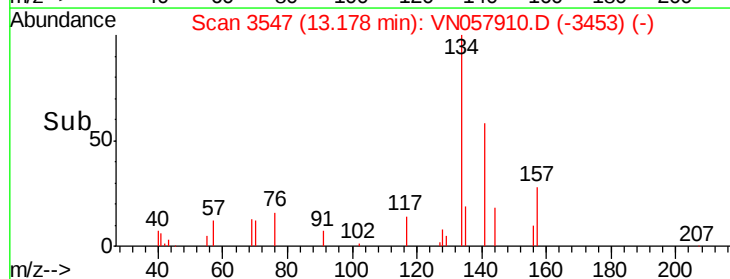
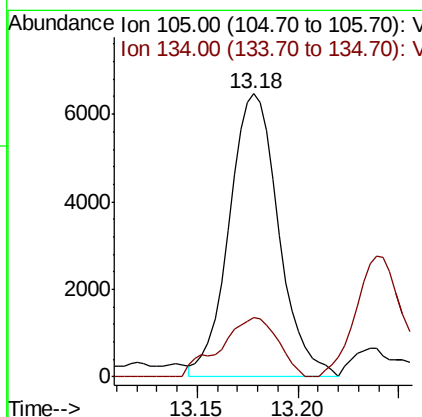
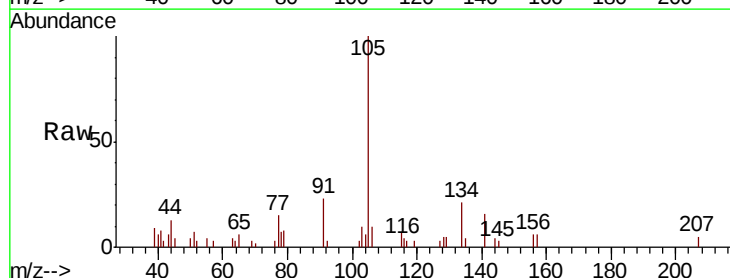
Instrument :
MSVOA_N
ClientSampled :
HR-06-090619

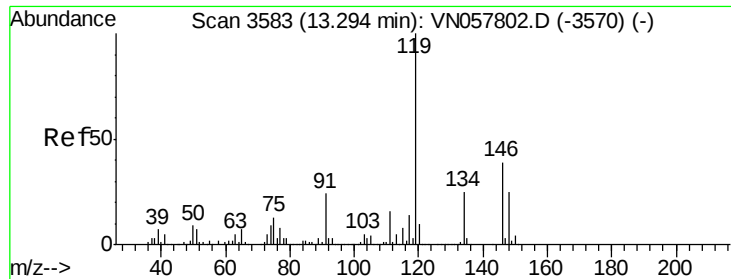
Tgt Ion:105 Resp: 152510
Ion Ratio Lower Upper
105 100
120 42.9 22.4 67.2



#85
sec-Butylbenzene
Concen: 0.529 ug/l
RT: 13.18 min Scan# 3547
Delta R.T. 0.00 min
Lab File: VN057910.D
Acq: 11 Sep 2019 9:34

Tgt Ion:105 Resp: 11109
Ion Ratio Lower Upper
105 100
134 24.3 9.6 28.6

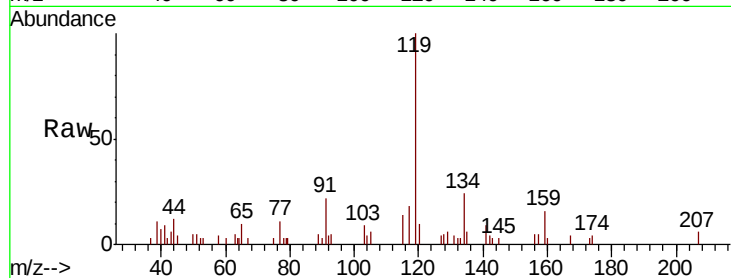




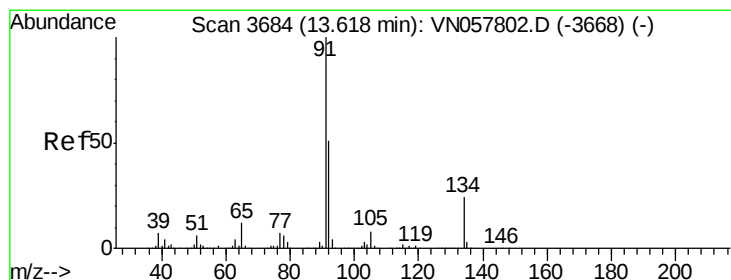
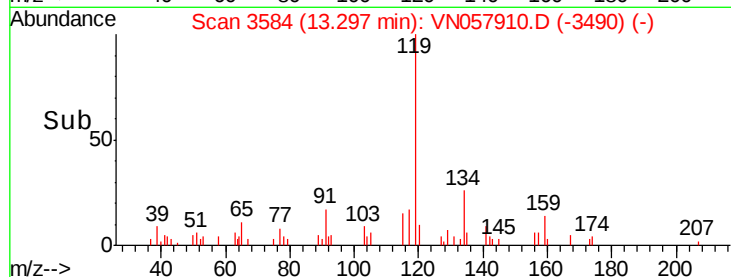
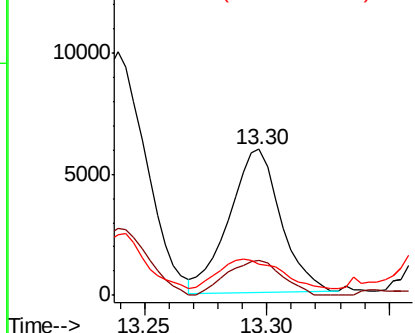
#86
p-Isopropyltoluene
Concen: 0.470 ug/l
RT: 13.30 min Scan# 3584
Delta R.T. 0.00 min
Lab File: VN057910.D
Acq: 11 Sep 2019 9:34

Instrument :
MSVOA_N
ClientSampled :
HR-06-090619

Tgt Ion: 119 Resp: 8707
Ion Ratio Lower Upper
119 100
134 25.9 12.5 37.5
91 25.3 12.3 36.8

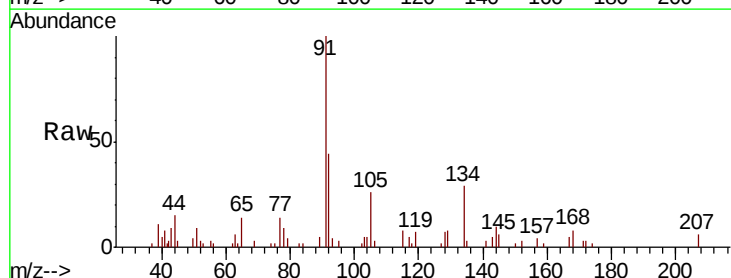


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

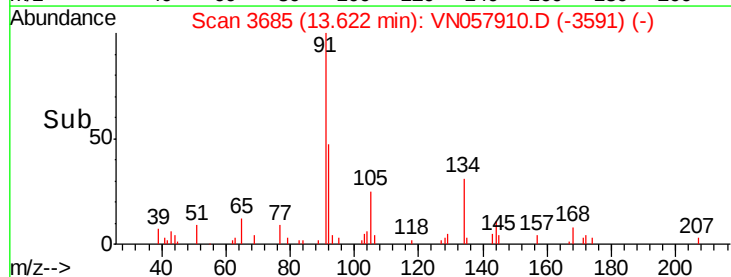
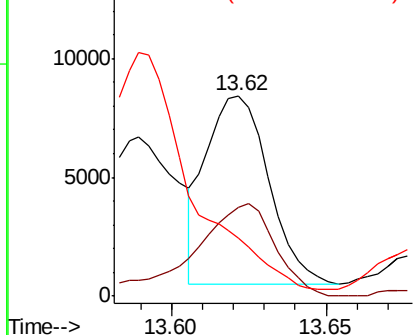


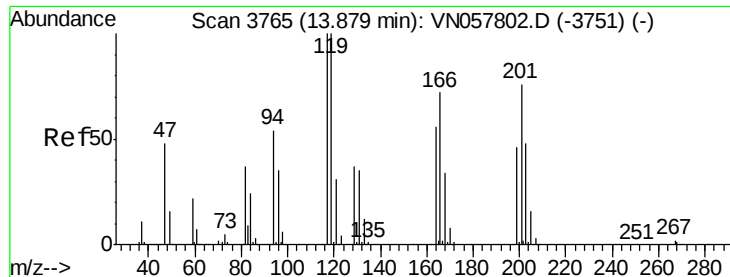
#89
n-Butylbenzene
Concen: 0.640 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN057910.D
Acq: 11 Sep 2019 9:34

Tgt Ion: 91 Resp: 11178
Ion Ratio Lower Upper
91 100
92 63.7 25.7 77.0
134 0.0 11.9 35.7#



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 1.671 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.01 min

Lab File: VN057910.D

Acq: 11 Sep 2019 9:34

Instrument :

MSVOA_N

ClientSampleId :

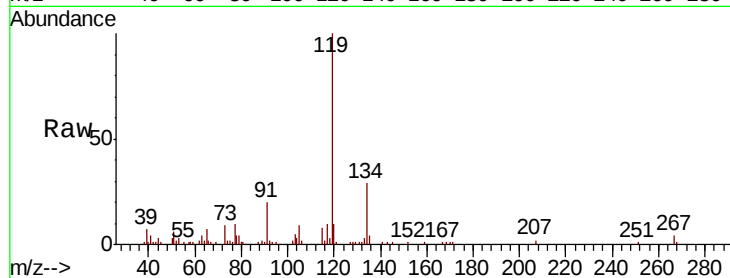
HR-06-090619

Tgt Ion:117 Resp: 4600

Ion Ratio Lower Upper

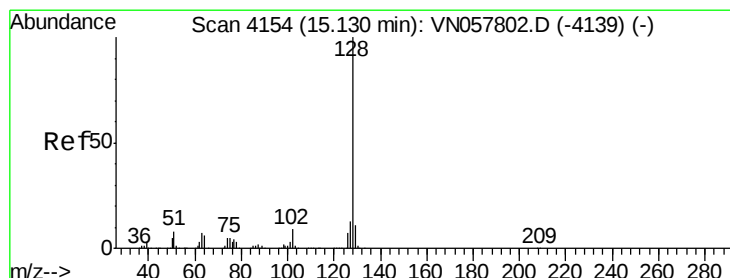
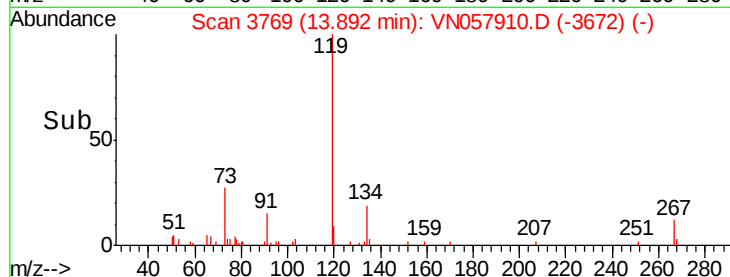
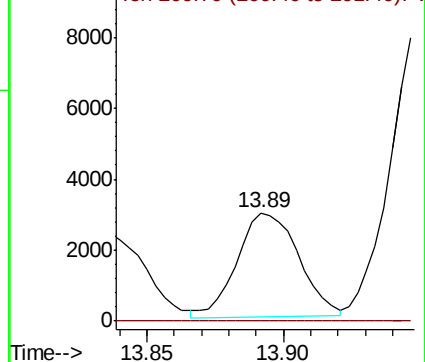
117 100

201 0.0 37.5 112.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 0.713 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN057910.D

Acq: 11 Sep 2019 9:34

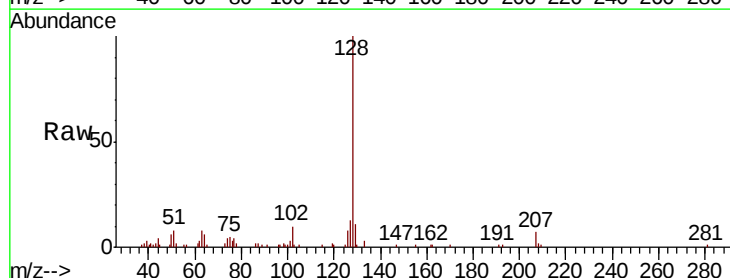
Tgt Ion:128 Resp: 35993

Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

129 10.2 8.6 12.8



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

