

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050742.D
 Acq On : 18 Aug 2018 1:16
 Operator : MD\SY
 Sample : VN0817WBS03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 04:26:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	447139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	726704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	640868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	286342	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	376465	66.79	ug/l	0.00
Spiked Amount			Recovery	=	133.58%	
35) Dibromofluoromethane	7.59	113	338370	58.32	ug/l	0.00
Spiked Amount			Recovery	=	116.64%	
50) Toluene-d8	10.09	98	1095575	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	12.40	95	338749	46.96	ug/l	0.00
Spiked Amount			Recovery	=	93.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	73904	14.66	ug/l	100
3) Chloromethane	2.06	50	135704	21.81	ug/l	99
4) Vinyl Chloride	2.18	62	119187	17.80	ug/l	99
5) Bromomethane	2.56	94	79820	20.96	ug/l	99
6) Chloroethane	2.70	64	82769	21.33	ug/l	100
7) Trichlorofluoromethane	3.01	101	141104	16.06	ug/l	99
8) Diethyl Ether	3.41	74	71724	24.54	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	86464	16.27	ug/l	98
10) Methyl Iodide	3.95	142	69659	22.83	ug/l	99
11) Tert butyl alcohol	4.80	59	44569	144.82	ug/l #	72
12) 1,1-Dichloroethene	3.74	96	87416	18.02	ug/l	96
13) Acrolein	3.61	56	11476	91.51	ug/l	96
14) Allyl chloride	4.32	41	153540	20.35	ug/l	99
15) Acrylonitrile	5.00	53	219280	129.73	ug/l	99
16) Acetone	3.82	43	195208	138.06	ug/l	98
17) Carbon Disulfide	4.05	76	258753	16.95	ug/l	99
18) Methyl Acetate	4.33	43	120246	29.98	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	314571	25.48	ug/l	99
20) Methylene Chloride	4.55	84	139494	25.41	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	105961	20.15	ug/l	98
22) Diisopropyl ether	5.96	45	389540	25.18	ug/l	96
23) Vinyl Acetate	5.90	43	1266938	125.17	ug/l	100
24) 1,1-Dichloroethane	5.85	63	220541	22.03	ug/l	99
25) 2-Butanone	6.84	43	308605	133.54	ug/l	98
26) 2,2-Dichloropropane	6.83	77	108060	16.12	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	129808	22.16	ug/l	100
28) Bromochloromethane	7.20	49	109419	24.01	ug/l	100
29) Tetrahydrofuran	7.22	42	162044	134.30	ug/l	99
30) Chloroform	7.37	83	229707	22.64	ug/l	98
31) Cyclohexane	7.66	56	130052	14.98	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	161645	18.93	ug/l	99
36) 1,1-Dichloropropene	7.80	75	130051	16.08	ug/l	100
37) Ethyl Acetate	6.93	43	115519	25.26	ug/l	99
38) Carbon Tetrachloride	7.78	117	134739	16.06	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050742.D
 Acq On : 18 Aug 2018 1:16
 Operator : MD\SY
 Sample : VN0817WBS03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 04:26:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	112192	13.40	ug/l	97
40) Benzene	8.04	78	493823	20.07	ug/l	100
41) Methacrylonitrile	7.19	41	67030	27.11	ug/l	93
42) 1,2-Dichloroethane	8.13	62	169001	22.41	ug/l	100
43) Isopropyl Acetate	8.17	43	195274	23.43	ug/l	99
44) Trichloroethene	8.84	130	116823	17.72	ug/l	99
45) 1,2-Dichloropropane	9.12	63	138389	21.12	ug/l	97
46) Dibromomethane	9.21	93	85609	22.13	ug/l	98
47) Bromodichloromethane	9.40	83	175908	21.27	ug/l	99
48) Methyl methacrylate	9.20	41	91889	21.91	ug/l	99
49) 1,4-Dioxane	9.20	88	26017	470.98	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	705187	125.12	ug/l	99
52) Toluene	10.16	92	281385	19.15	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	154321	20.04	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	186006	21.05	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	123636	22.52	ug/l	97
56) Ethyl methacrylate	10.43	69	142252	21.44	ug/l	99
57) 1,3-Dichloropropane	10.71	76	200647	22.30	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	347635	109.74	ug/l	100
59) 2-Hexanone	10.75	43	438459	120.54	ug/l	99
60) Dibromochloromethane	10.90	129	133350	22.01	ug/l	99
61) 1,2-Dibromoethane	11.01	107	115634	22.12	ug/l	98
64) Tetrachloroethene	10.63	164	102711	17.26	ug/l	99
65) Chlorobenzene	11.44	112	302592	18.97	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	122693	20.52	ug/l	99
67) Ethyl Benzene	11.51	91	445277	17.29	ug/l	100
68) m/p-Xylenes	11.62	106	354848	36.03	ug/l	99
69) o-Xylene	11.95	106	171727	18.28	ug/l	97
70) Styrene	11.97	104	288949	17.91	ug/l	99
71) Bromoform	12.13	173	88300	22.27	ug/l #	100
73) Isopropylbenzene	12.25	105	415948	18.59	ug/l	100
74) N-amyl acetate	12.07	43	137037	23.54	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	152297	28.31	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	163987	35.14	ug/l #	100
77) Bromobenzene	12.53	156	128852	21.21	ug/l	97
78) n-propylbenzene	12.59	91	454521	18.22	ug/l	98
79) 2-Chlorotoluene	12.68	91	308096	19.81	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	346899	19.37	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	27830	21.61	ug/l	99
82) 4-Chlorotoluene	12.78	91	301862	19.64	ug/l	100
83) tert-Butylbenzene	12.99	119	276703	17.80	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	352457	19.60	ug/l	100
85) sec-Butylbenzene	13.17	105	363073	17.87	ug/l	99
86) p-Isopropyltoluene	13.29	119	306568	17.81	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	198563	19.20	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	187791	18.30	ug/l	98
89) n-Butylbenzene	13.62	91	216059	15.54	ug/l	97
90) Hexachloroethane	13.88	117	59279	17.12	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	202226	20.05	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20419	25.58	ug/l	97

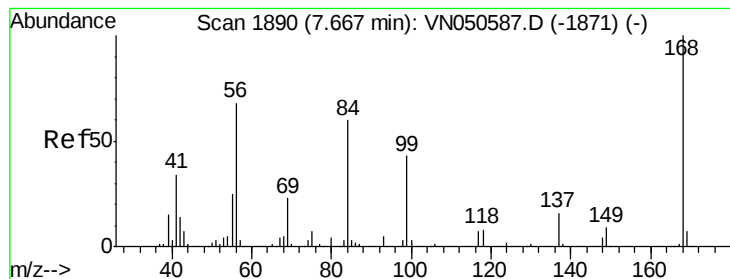
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
Data File : VN050742.D
Acq On : 18 Aug 2018 1:16
Operator : MD\SY
Sample : VN0817WBS03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 18 04:26:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	70902	15.64	ug/l	100
94) Hexachlorobutadiene	15.01	225	50817	16.43	ug/l	98
95) Naphthalene	15.13	128	153331	16.71	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	76817	17.21	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

Instrument :

MSVOA_N

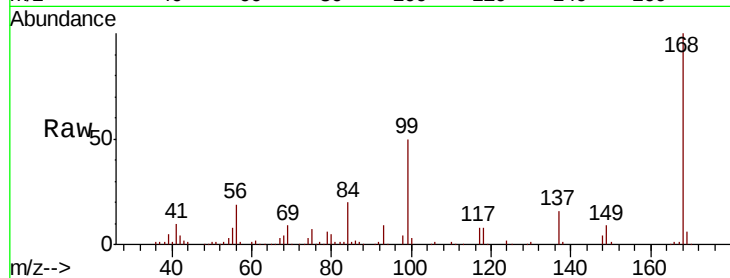
ClientSampleId :

Tot Ion:168 Resp: 447139

Ion Ratio Lower Upper

168 100

99 50.0 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

200000

150000

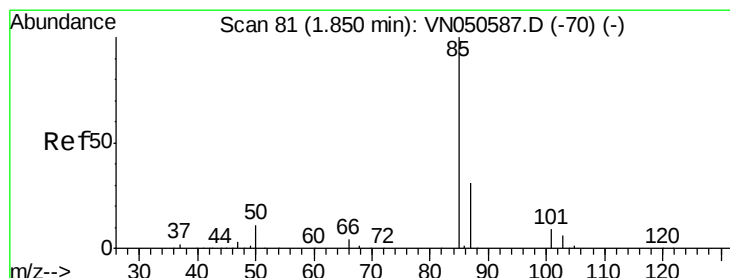
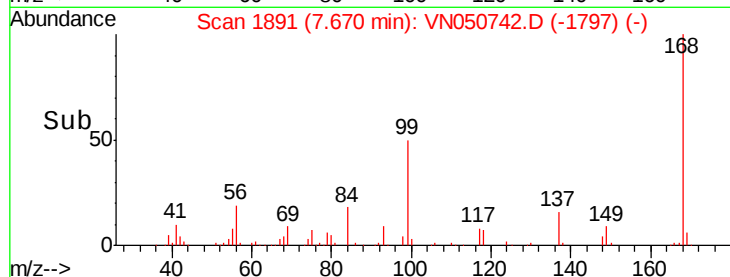
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 14.66 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN050742.D

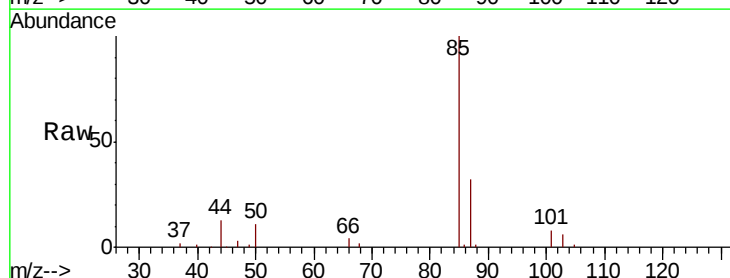
Acq: 18 Aug 2018 1:16

Tgt Ion: 85 Resp: 73904

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

60000

50000

40000

30000

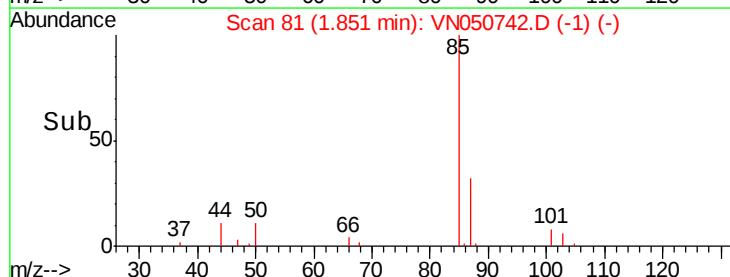
20000

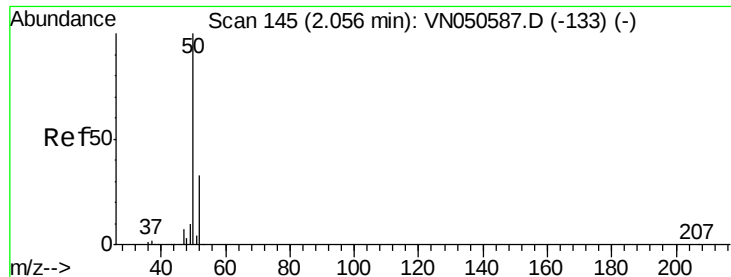
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 21.81 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

Instrument :

MSVOA_N

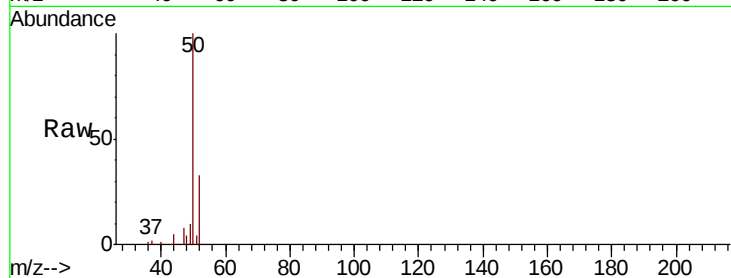
ClientSampled :

Tot Ion: 50 Resp: 135704

Ion Ratio Lower Upper

50 100

52 33.2 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

120000

100000

80000

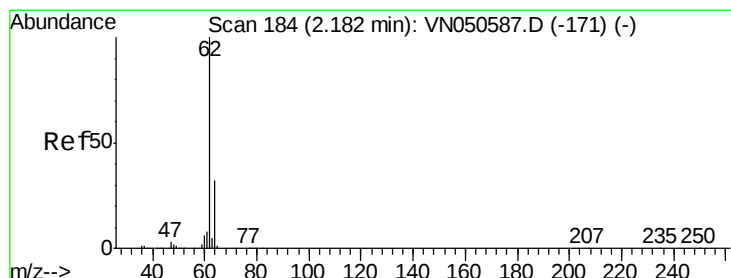
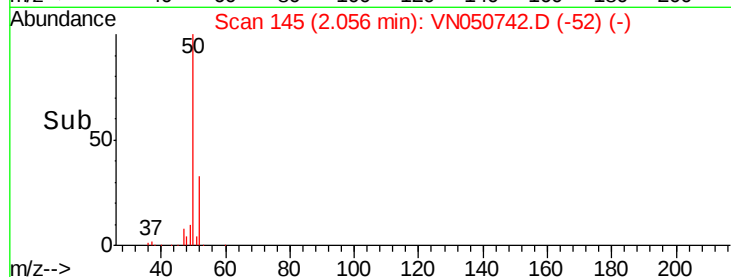
60000

40000

20000

0

Time--> 2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 17.80 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN050742.D

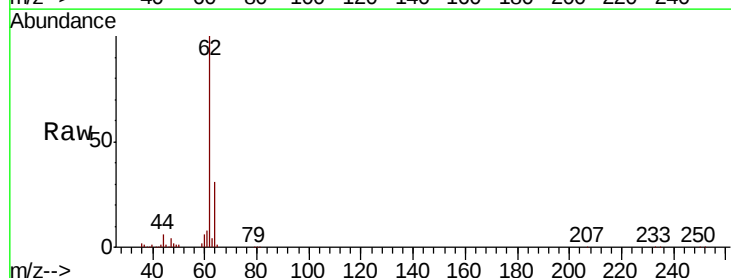
Acq: 18 Aug 2018 1:16

Tgt Ion: 62 Resp: 119187

Ion Ratio Lower Upper

62 100

64 30.9 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.18

100000

80000

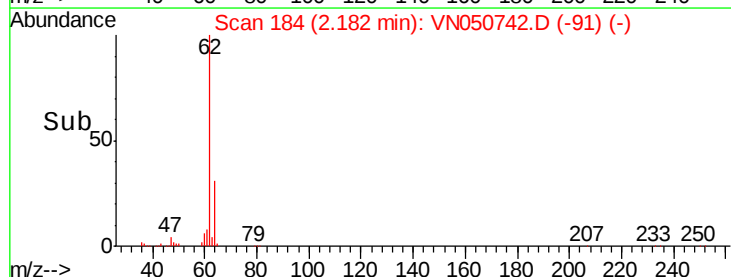
60000

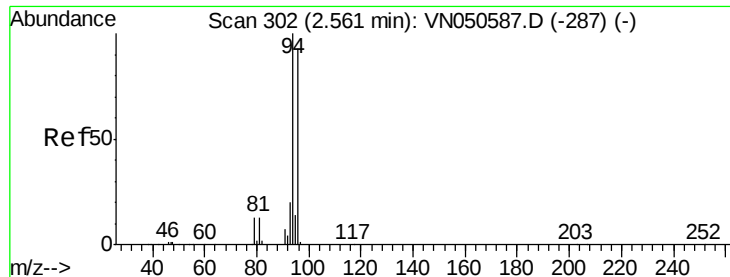
40000

20000

0

Time--> 2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 20.96 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

Instrument :

MSVOA_N

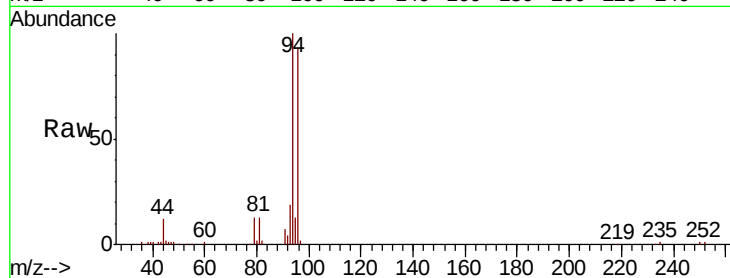
ClientSampled :

Tot Ion: 94 Resp: 79820

Ion Ratio Lower Upper

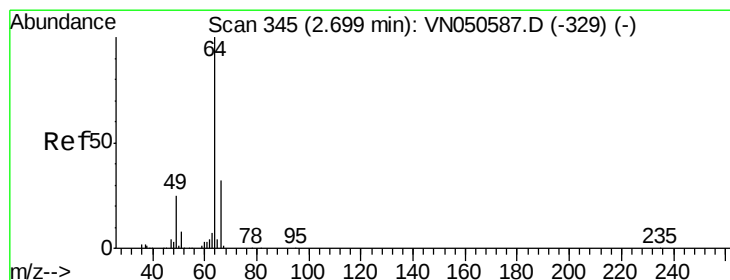
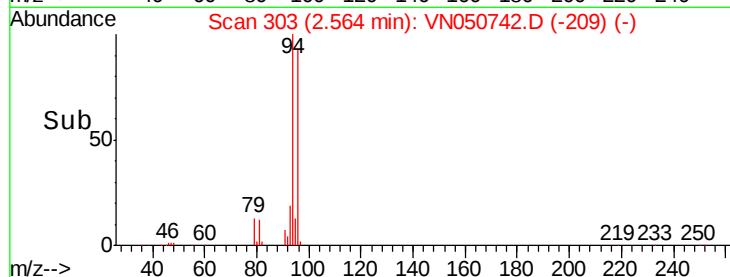
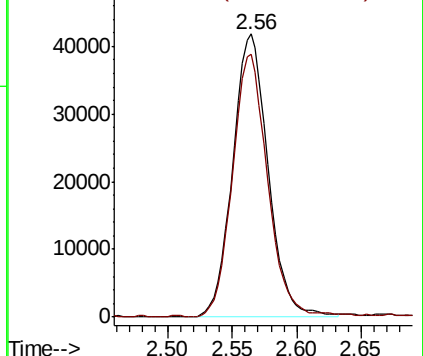
94 100

96 93.0 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 21.33 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN050742.D

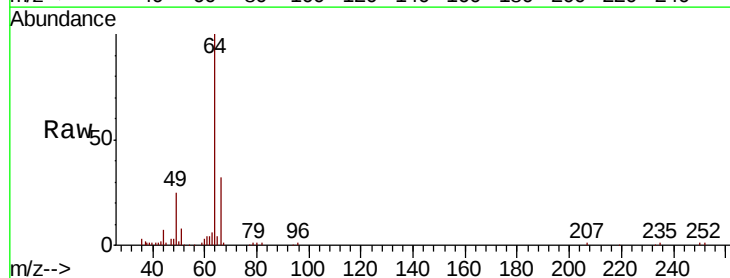
Acq: 18 Aug 2018 1:16

Tgt Ion: 64 Resp: 82769

Ion Ratio Lower Upper

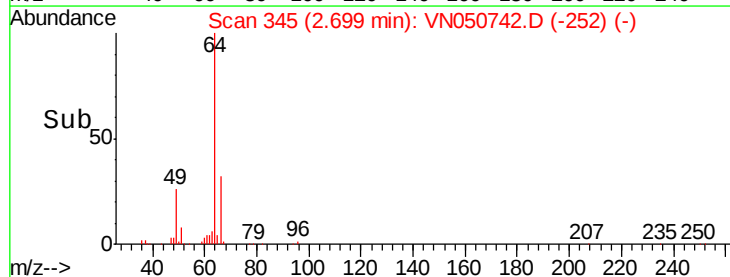
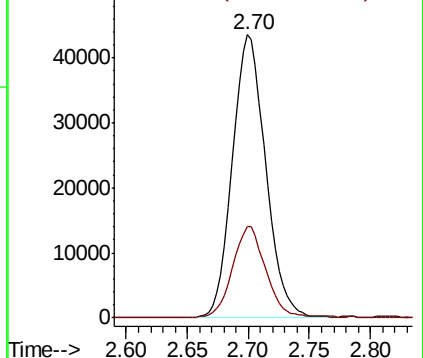
64 100

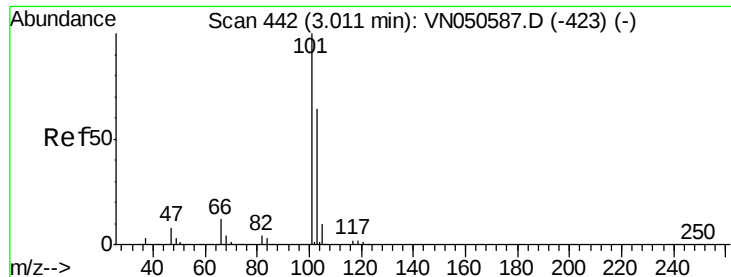
66 32.3 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



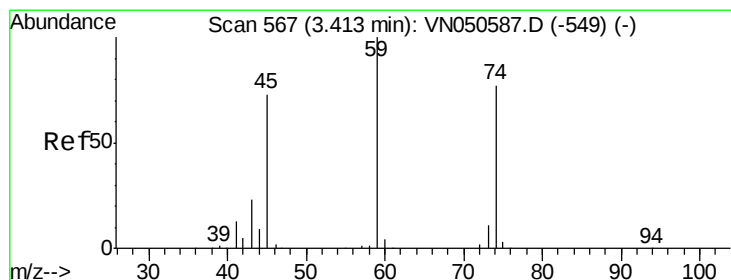
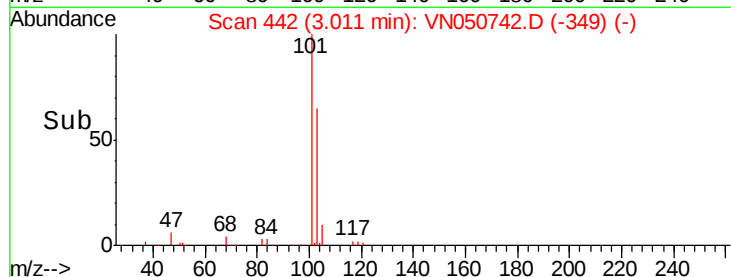
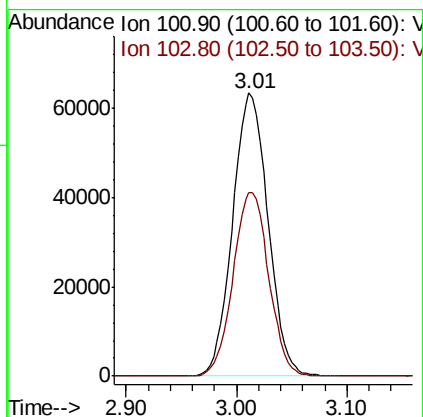
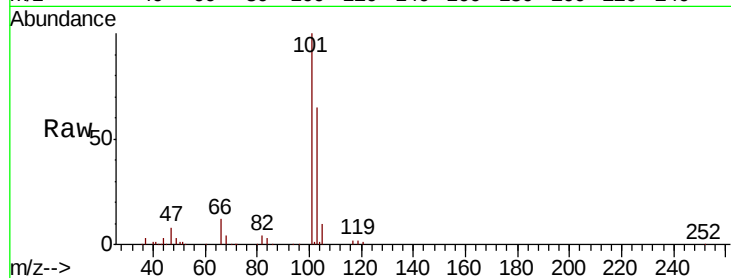


#7

Trichlorofluoromethane
 Concen: 16.06 ug/l
 RT: 3.01 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

Instrument :
 MSVOA_N
 ClientSampled :

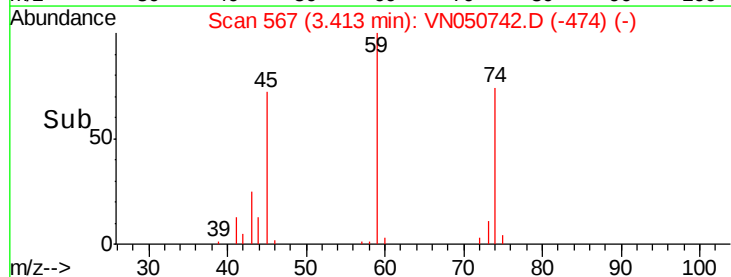
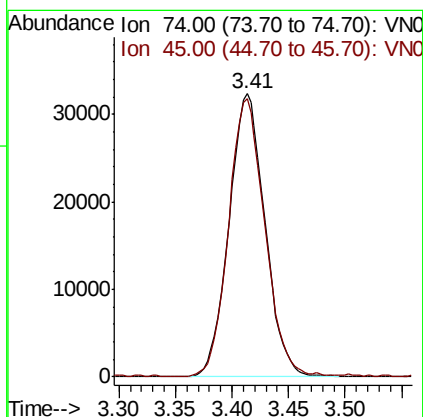
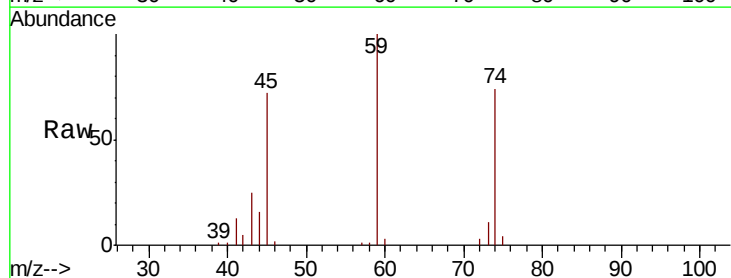
Tot Ion:101 Resp: 141104
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.0

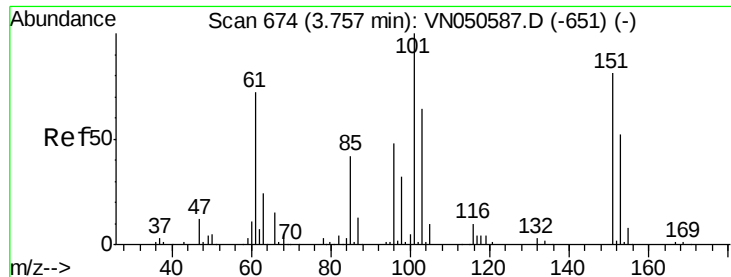


#8

Diethyl Ether
 Concen: 24.54 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

Tgt Ion: 74 Resp: 71724
 Ion Ratio Lower Upper
 74 100
 45 98.8 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.27 ug/l

RT: 3.76 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

Instrument :

MSVOA_N

ClientSampleId :

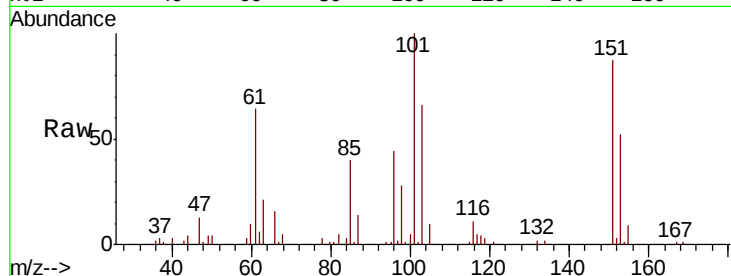
Tot Ion:101 Resp: 86464

Ion Ratio Lower Upper

101 100

85 40.1 33.4 50.0

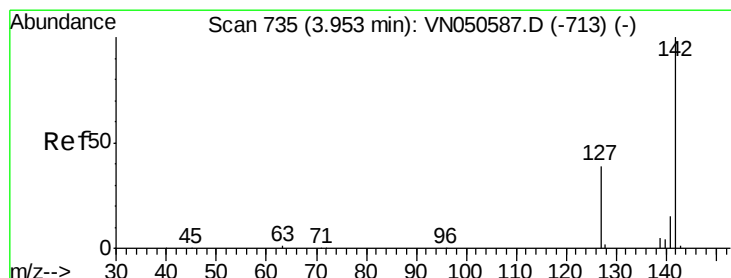
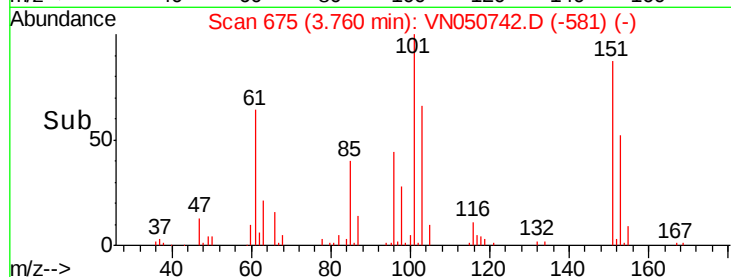
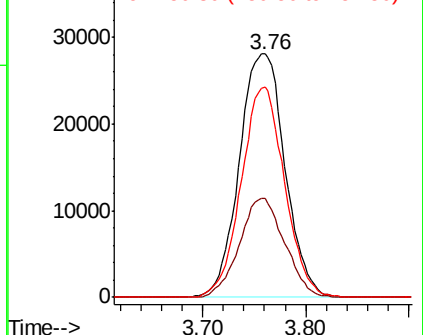
151 81.9 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.83 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

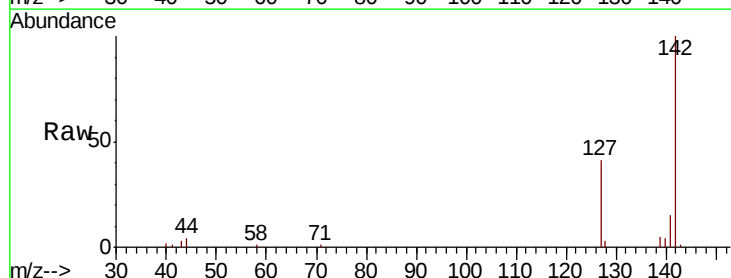
Tgt Ion:142 Resp: 69659

Ion Ratio Lower Upper

142 100

127 41.4 32.6 49.0

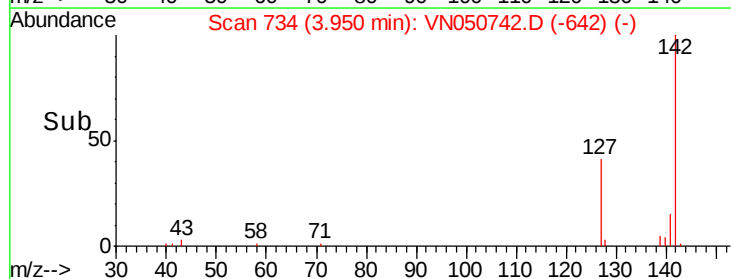
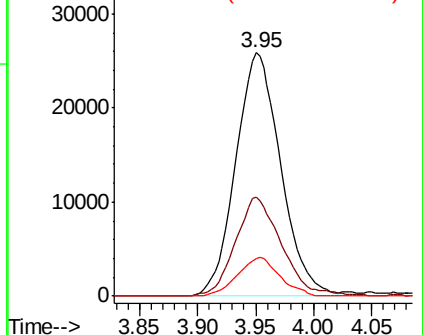
141 15.0 11.5 17.3

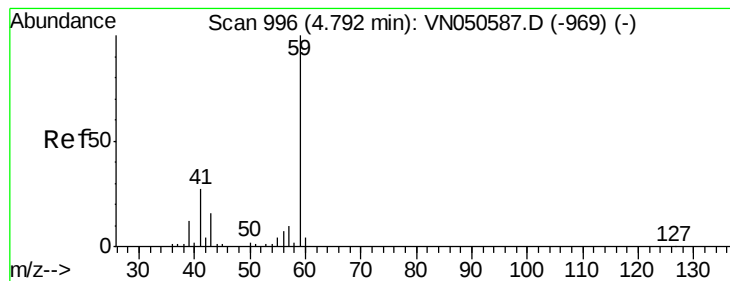


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



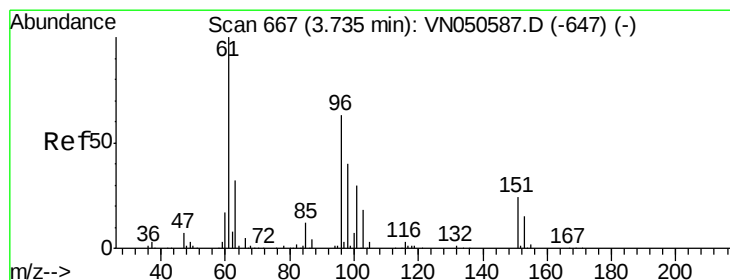
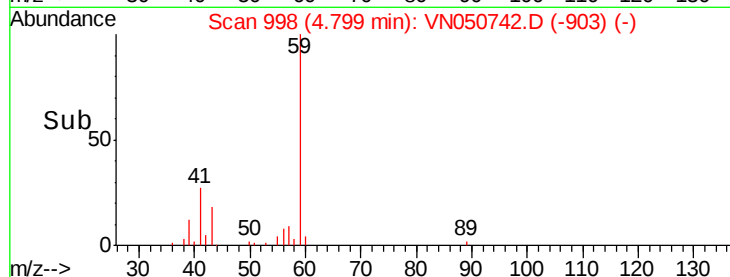
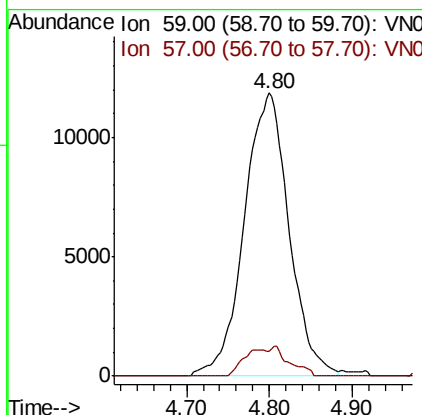
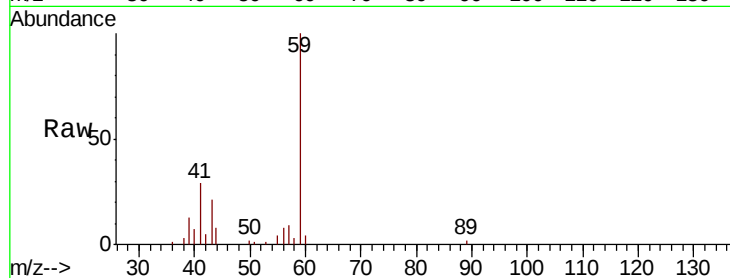


#11

Tert butyl alcohol
 Concen: 144.82 ug/l
 RT: 4.80 min Scan# 998
 Delta R.T. 0.01 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

Instrument :
 MSVOA_N
 ClientSampled :

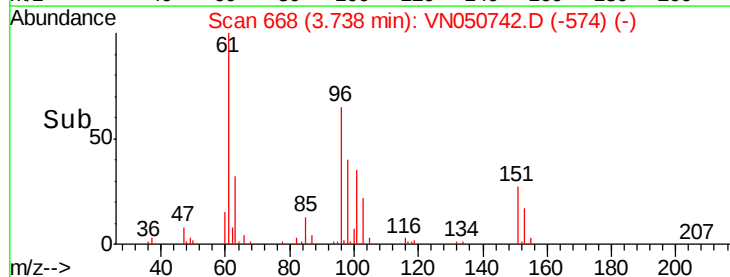
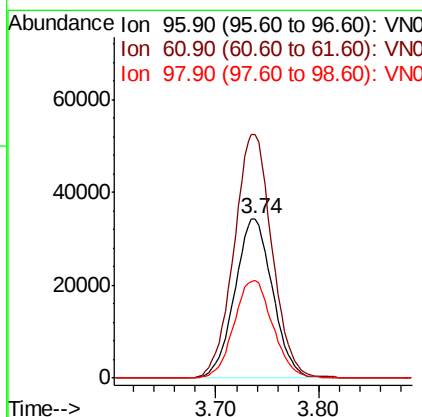
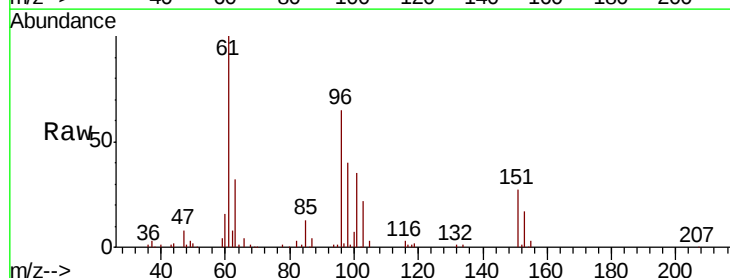
Tot Ion: 59 Resp: 44569
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

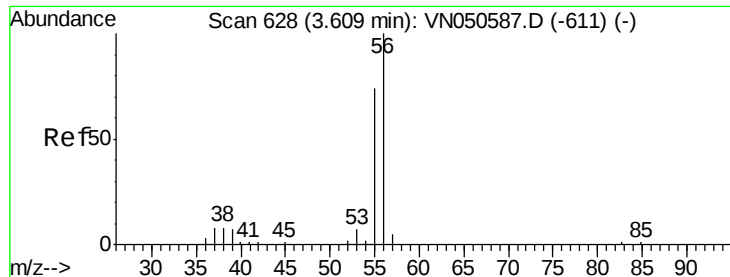


#12

1,1-Dichloroethene
 Concen: 18.02 ug/l
 RT: 3.74 min Scan# 668
 Delta R.T. 0.00 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

Tgt Ion: 96 Resp: 87416
 Ion Ratio Lower Upper
 96 100
 61 152.9 126.9 190.3
 98 61.5 51.1 76.7

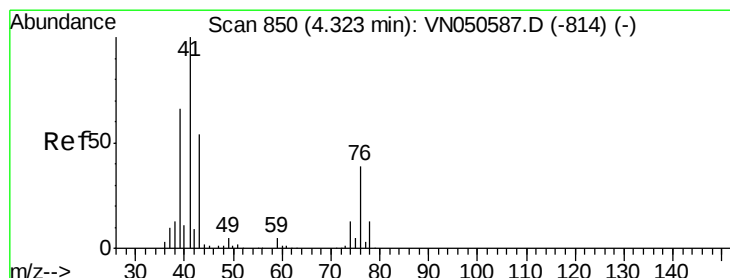
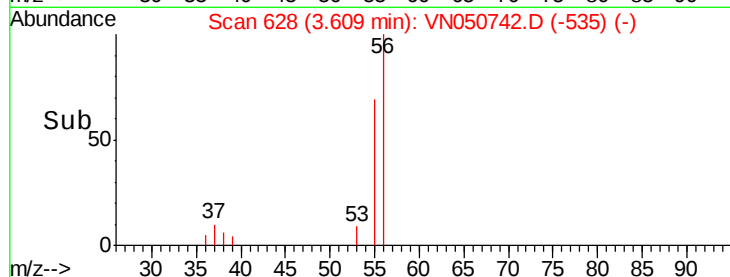
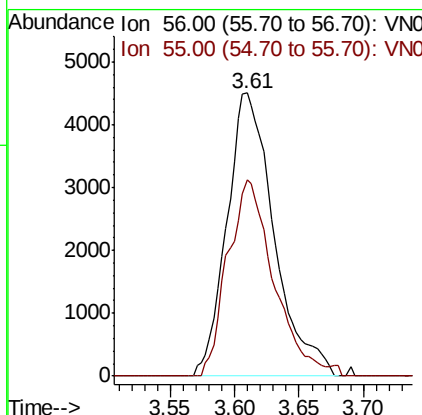
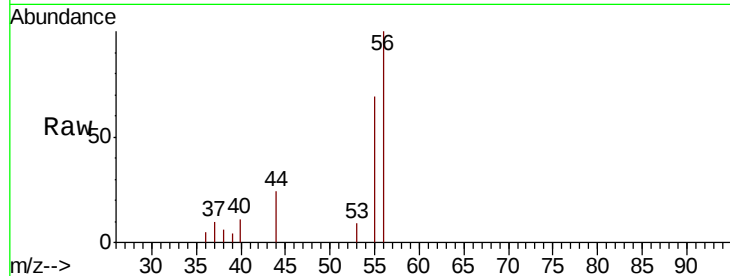




#13
 Acrolein
 Concen: 91.51 ug/l
 RT: 3.61 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

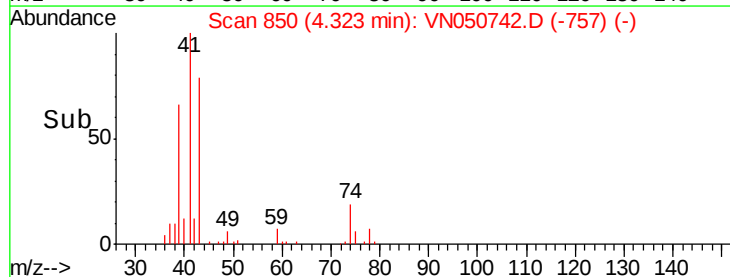
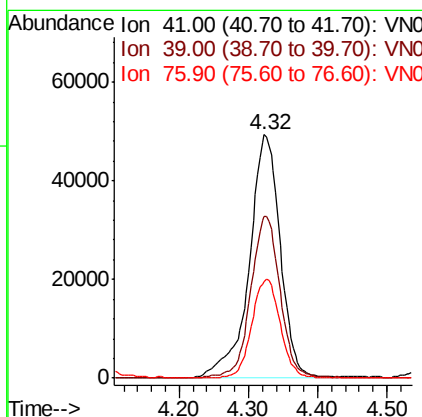
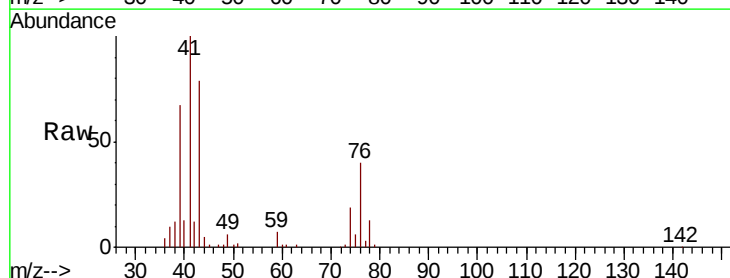
Instrument :
 MSVOA_N
 ClientSampleId :

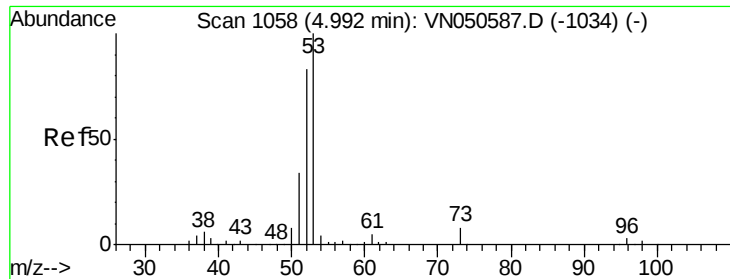
Tot Ion: 56 Resp: 11476
 Ion Ratio Lower Upper
 56 100
 55 67.2 56.3 84.5



#14
 Allyl chloride
 Concen: 20.35 ug/l
 RT: 4.32 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

Tgt Ion: 41 Resp: 153540
 Ion Ratio Lower Upper
 41 100
 39 62.8 51.4 77.0
 76 37.1 29.4 44.0





#15

Acrylonitrile

Concen: 129.73 ug/l

RT: 5.00 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

Instrument :
MSVOA_N
ClientSampleId :

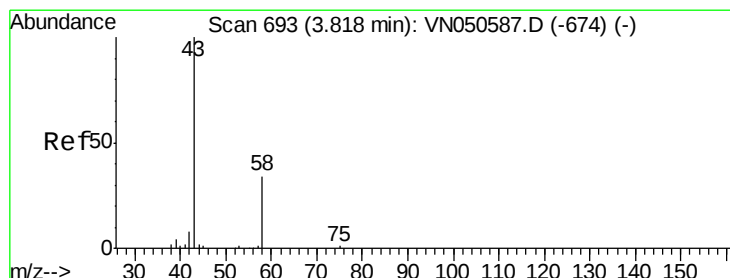
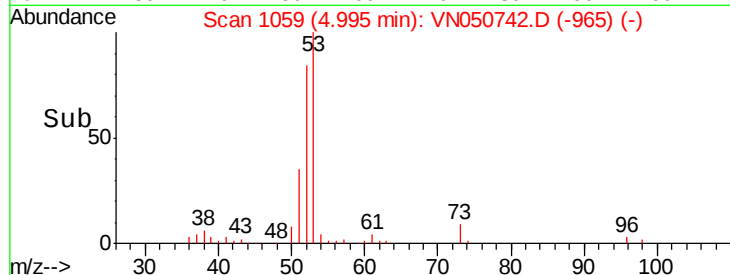
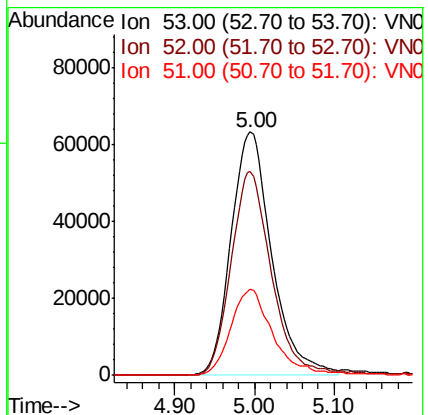
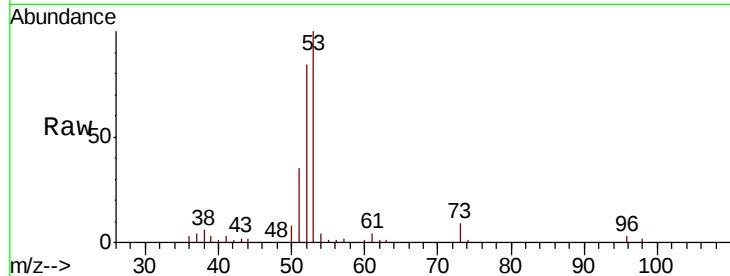
Tot Ion: 53 Resp: 219280

Ion Ratio Lower Upper

53 100

52 83.3 66.2 99.2

51 36.2 28.6 43.0



#16

Acetone

Concen: 138.06 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050742.D

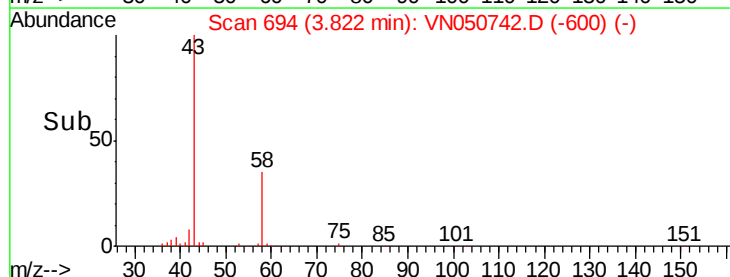
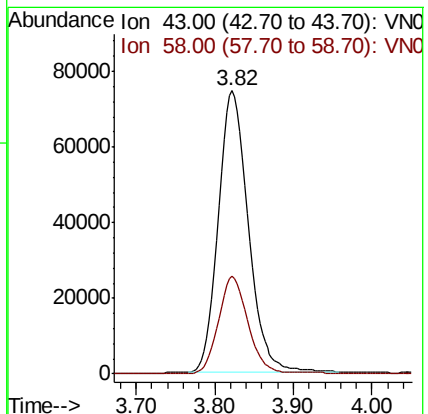
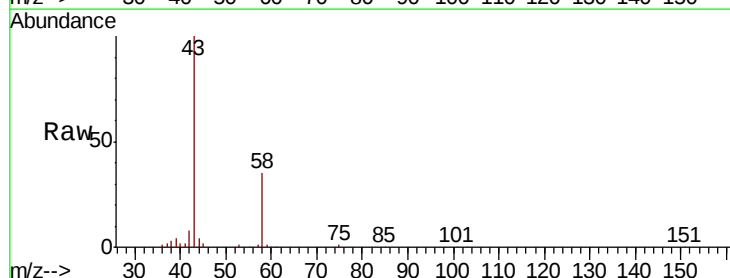
Acq: 18 Aug 2018 1:16

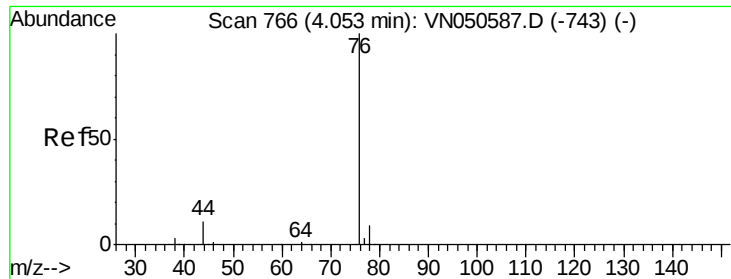
Tgt Ion: 43 Resp: 195208

Ion Ratio Lower Upper

43 100

58 34.8 27.1 40.7

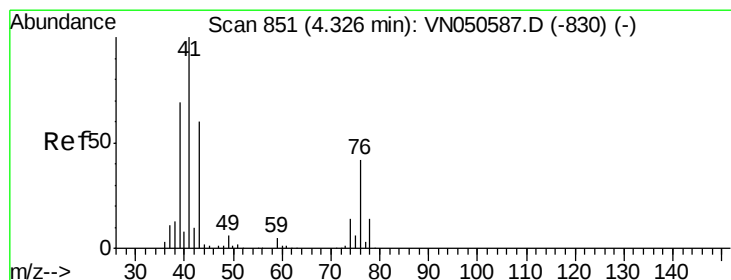
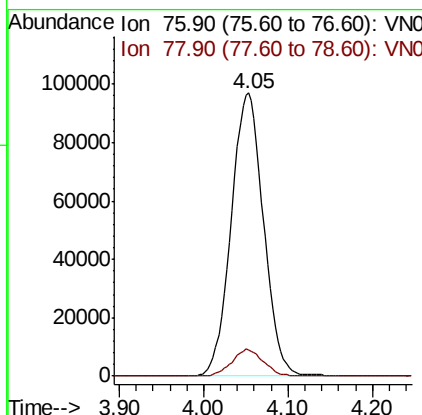
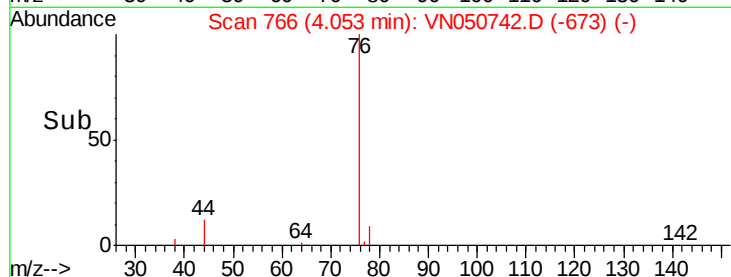
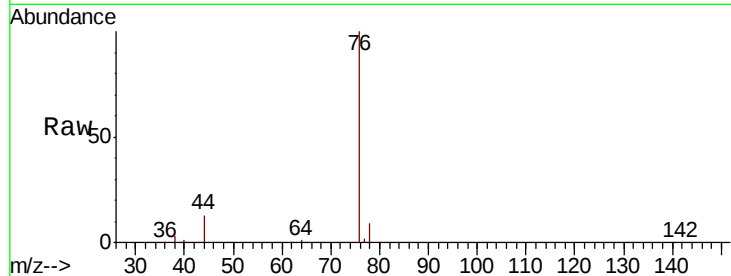




#17
Carbon Disulfide
Concen: 16.95 ug/l
RT: 4.05 min Scan# 766
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

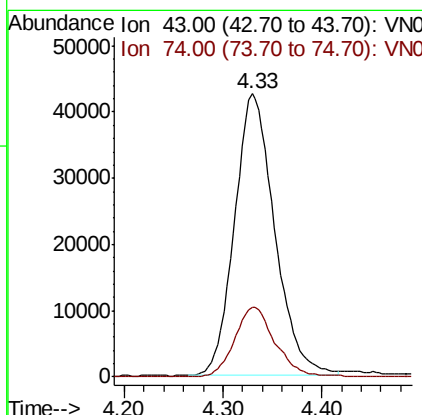
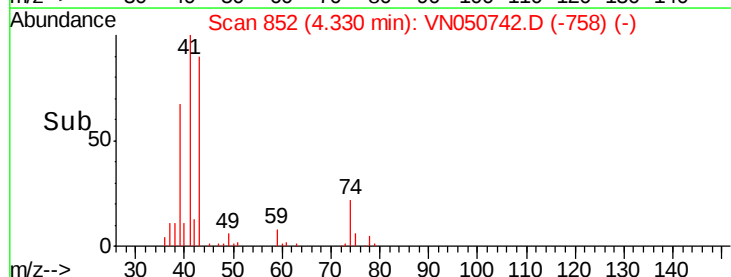
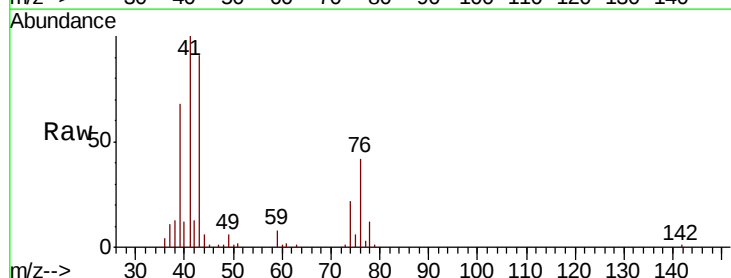
Instrument :
MSVOA_N
ClientSampled :

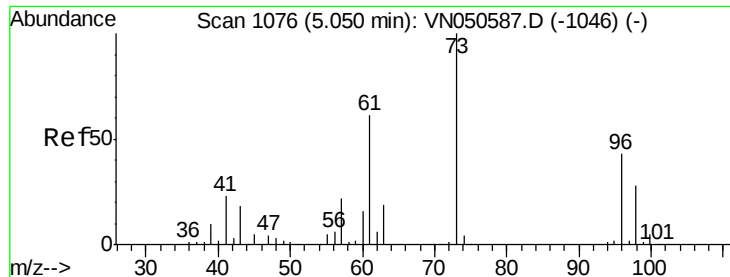
Tot Ion: 76 Resp: 258753
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 29.98 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

Tgt Ion: 43 Resp: 120246
Ion Ratio Lower Upper
43 100
74 24.6 19.7 29.5

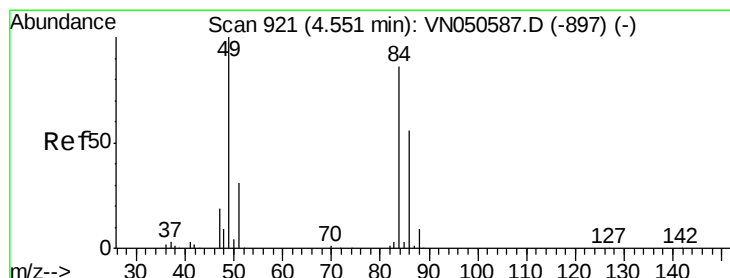
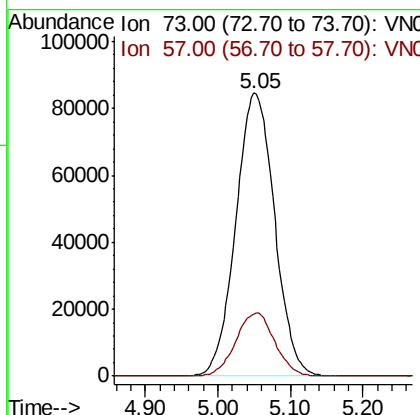
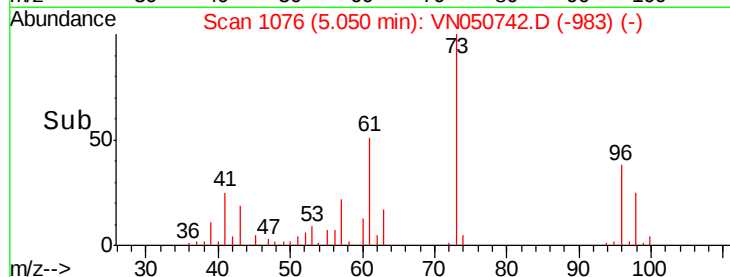
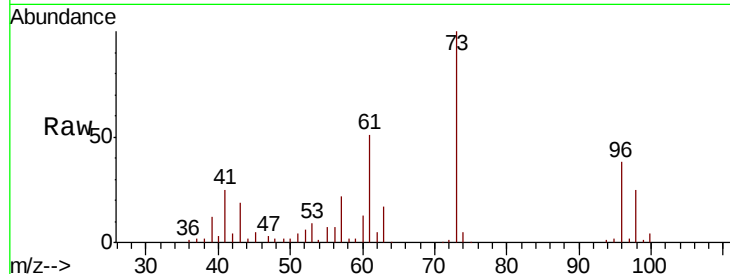




#19
Methyl tert-butyl Ether
Concen: 25.48 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

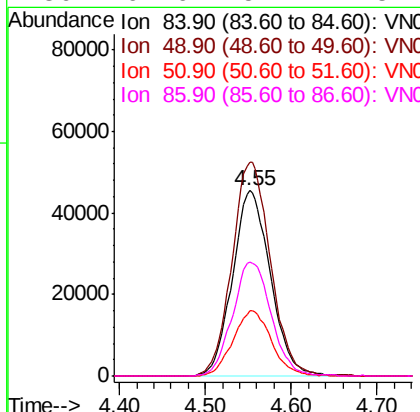
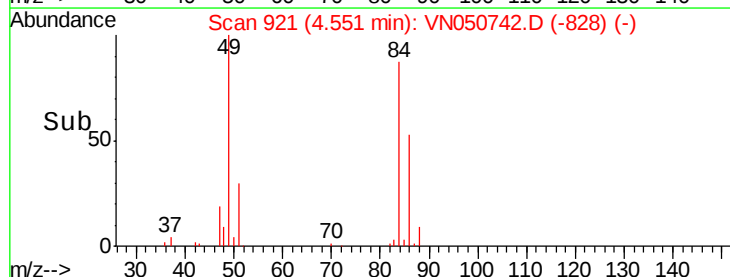
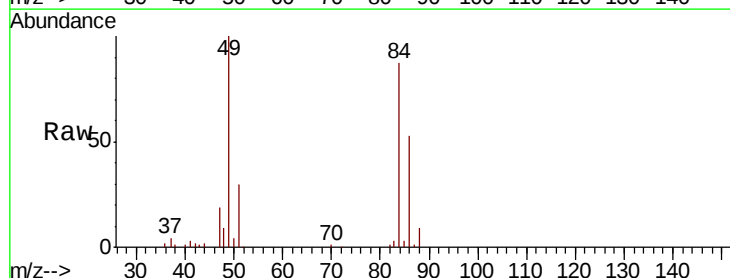
Instrument :
MSVOA_N
ClientSampled :

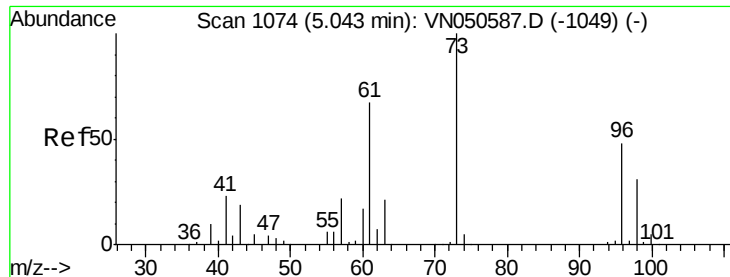
Tot Ion: 73 Resp: 314571
Ion Ratio Lower Upper
73 100
57 22.0 17.9 26.9



#20
Methylene Chloride
Concen: 25.41 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

Tgt Ion: 84 Resp: 139494
Ion Ratio Lower Upper
84 100
49 115.1 92.6 138.8
51 34.9 28.6 43.0
86 61.6 52.2 78.2

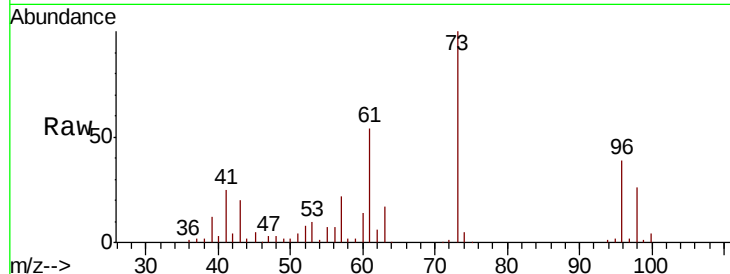




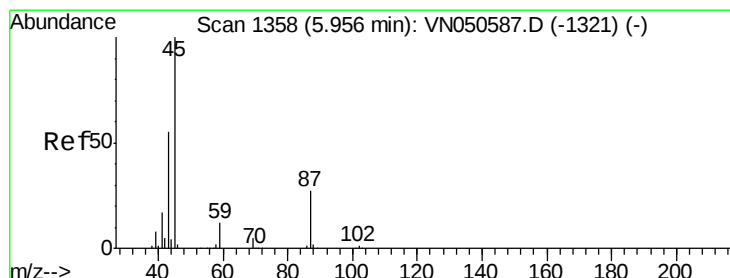
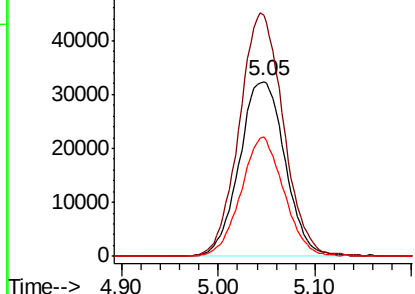
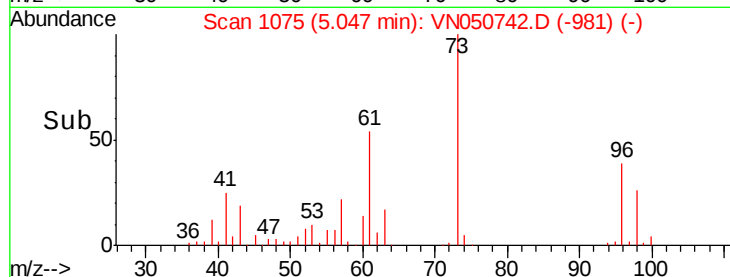
#21
trans-1,2-Dichloroethene
Concen: 20.15 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 105961
Ion Ratio Lower Upper
96 100
61 137.7 111.2 166.8
98 68.0 51.6 77.4

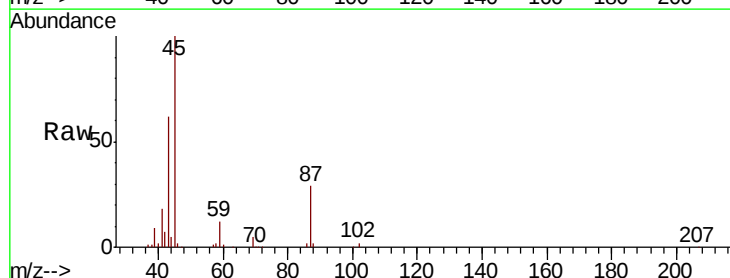


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

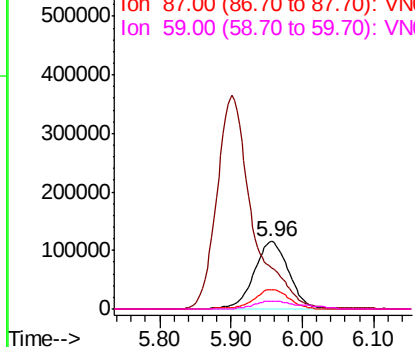
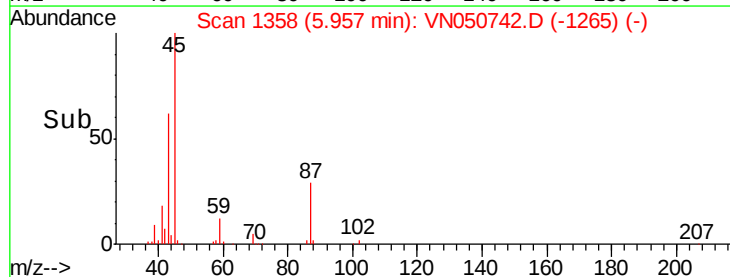


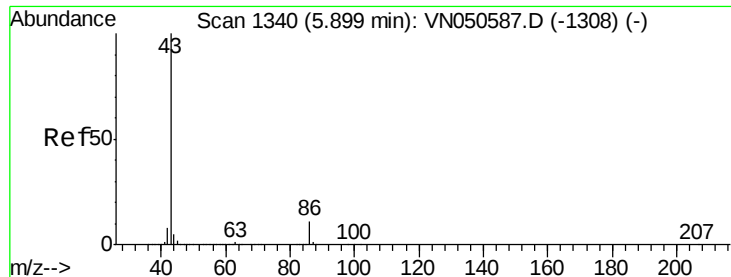
#22
Diisopropyl ether
Concen: 25.18 ug/l
RT: 5.96 min Scan# 1358
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

Tgt Ion: 45 Resp: 389540
Ion Ratio Lower Upper
45 100
43 60.0 44.5 66.7
87 29.3 22.2 33.2
59 12.1 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 125.17 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

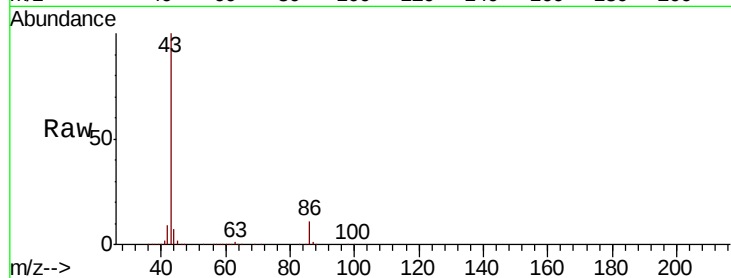
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1266938

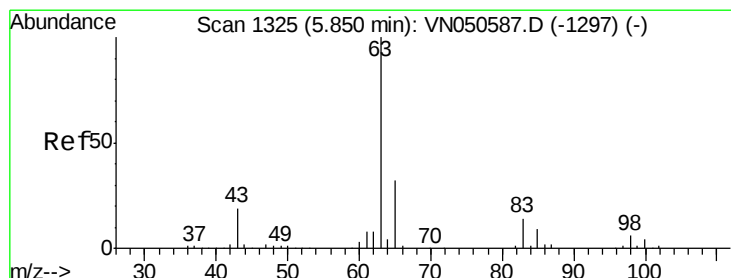
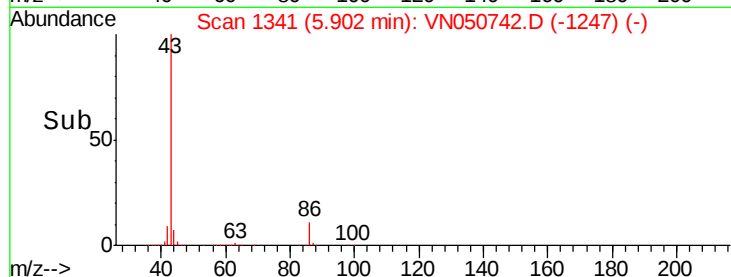
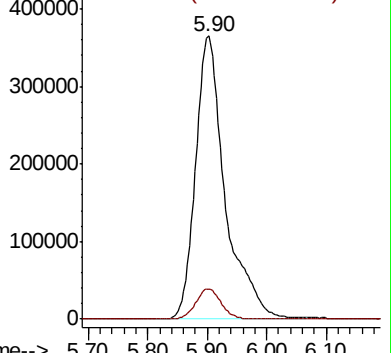
Ion Ratio Lower Upper

43 100

86 10.6 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN050742.D (-1247) (-)



#24

1,1-Dichloroethane

Concen: 22.03 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

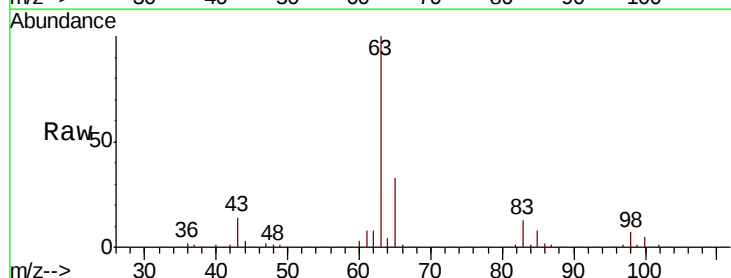
Tgt Ion: 63 Resp: 220541

Ion Ratio Lower Upper

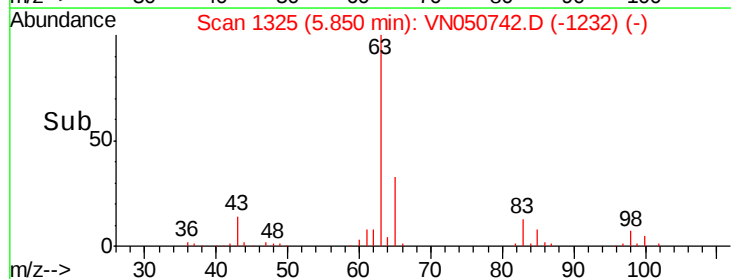
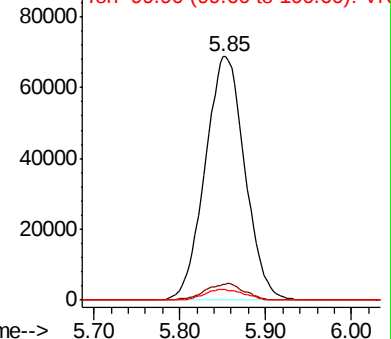
63 100

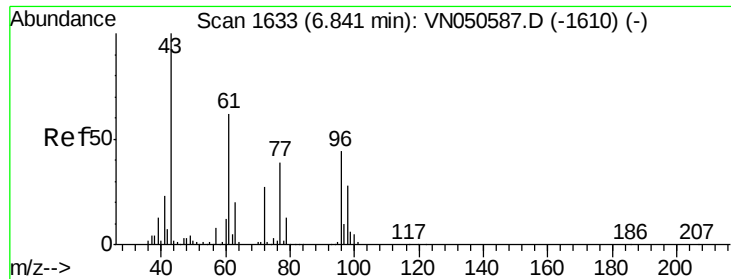
98 6.5 3.2 9.6

100 4.5 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN050742.D (-1232) (-)





#25

2-Butanone

Concen: 133.54 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

Instrument :

MSVOA_N

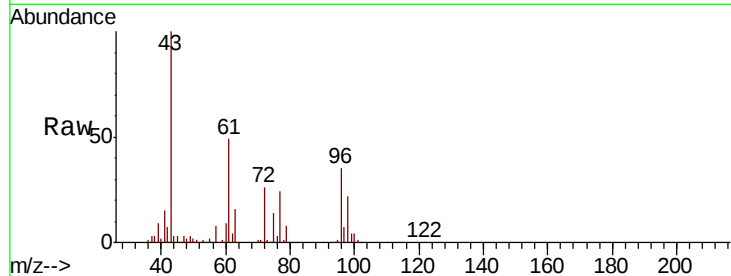
ClientSampled :

Tot Ion: 43 Resp: 308605

Ion Ratio Lower Upper

43 100

72 26.2 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.84

120000

100000

80000

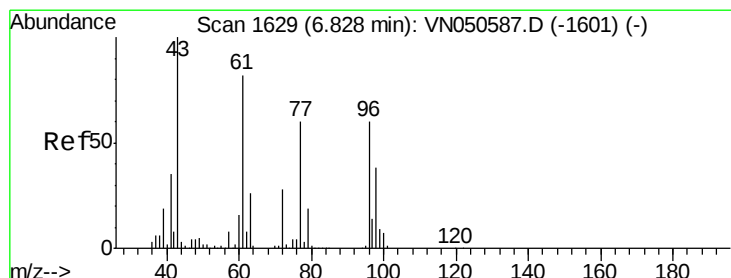
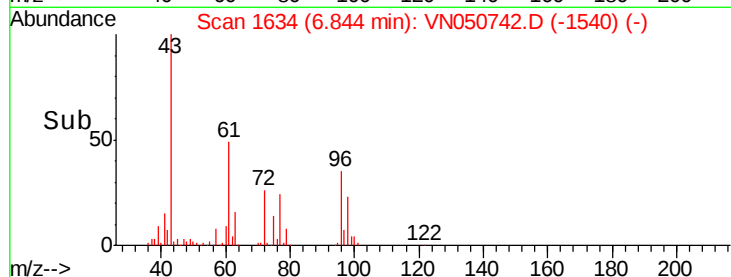
60000

40000

20000

0

Time--> 6.70 6.80 6.90



#26

2,2-Dichloropropane

Concen: 16.12 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN050742.D

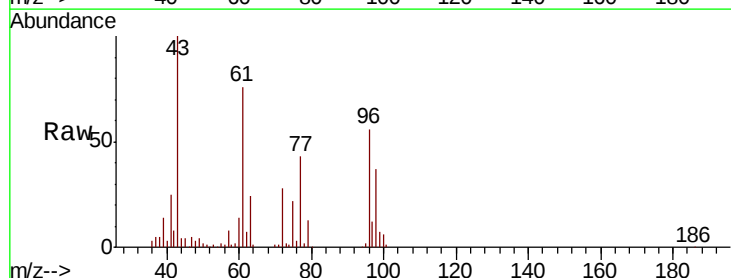
Acq: 18 Aug 2018 1:16

Tgt Ion: 77 Resp: 108060

Ion Ratio Lower Upper

77 100

97 25.8 12.2 36.4



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.83

40000

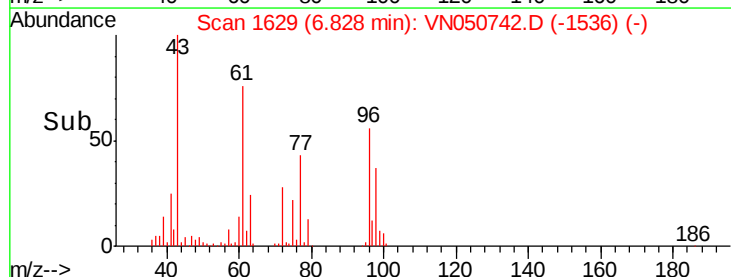
30000

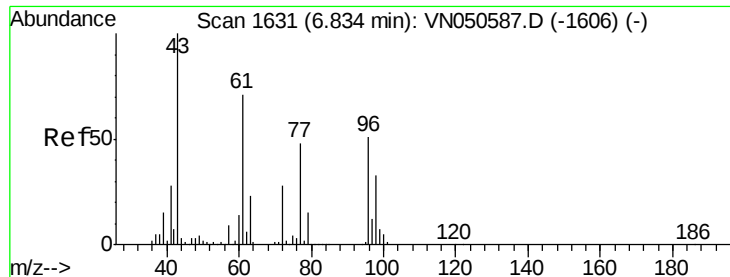
20000

10000

0

Time--> 6.70 6.80 6.90

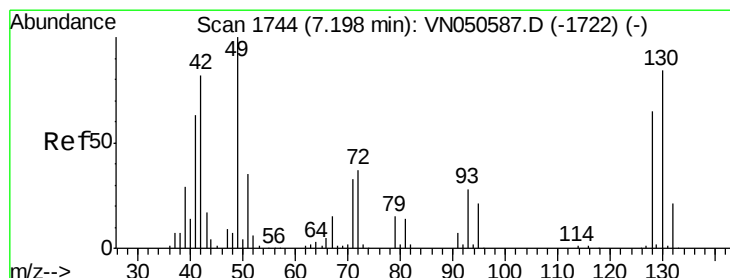
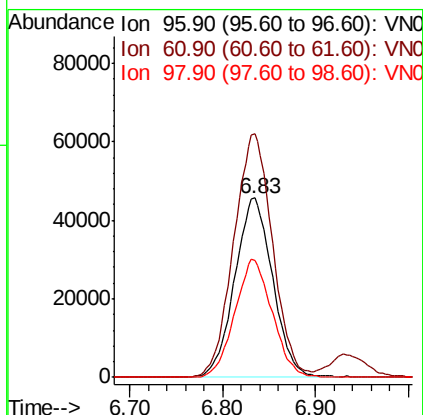
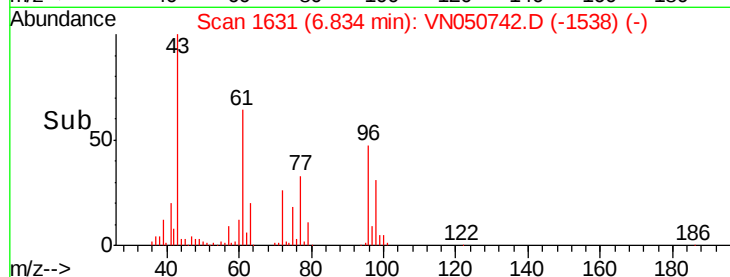
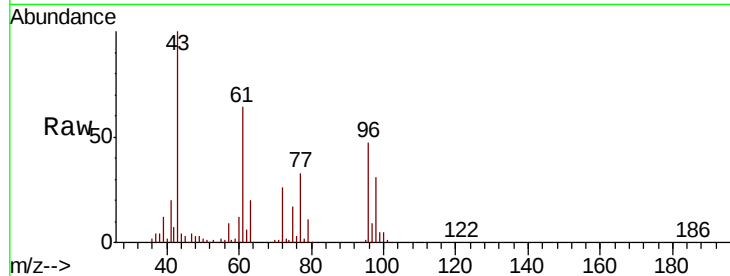




#27
 cis-1,2-Dichloroethene
 Concen: 22.16 ug/l
 RT: 6.83 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

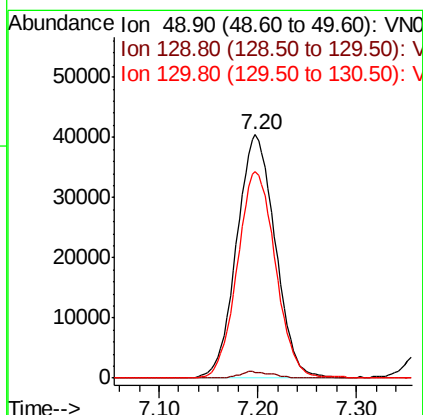
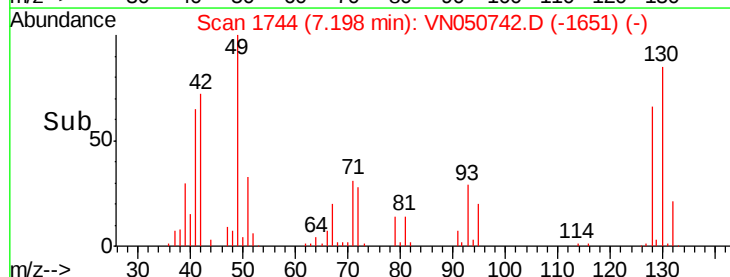
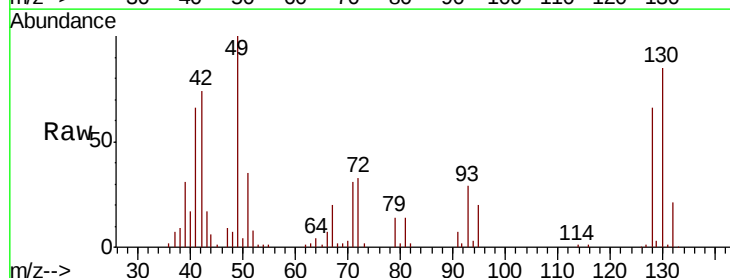
Instrument :
 MSVOA_N
 ClientSampleId :

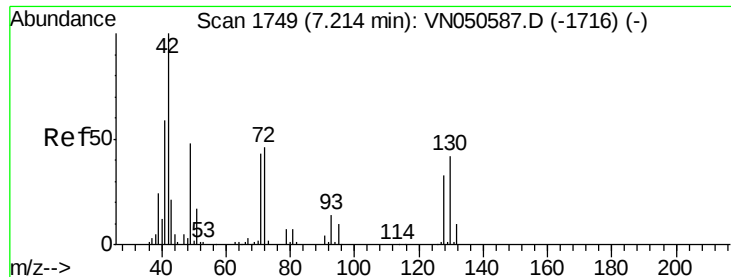
Tot Ion: 96 Resp: 129808
 Ion Ratio Lower Upper
 96 100
 61 138.7 0.0 278.2
 98 64.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 24.01 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

Tgt Ion: 49 Resp: 109419
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 83.7 66.8 100.2

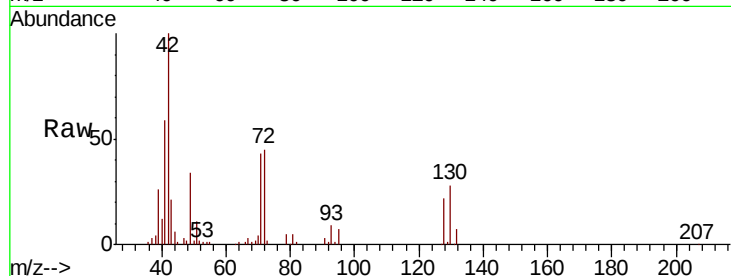




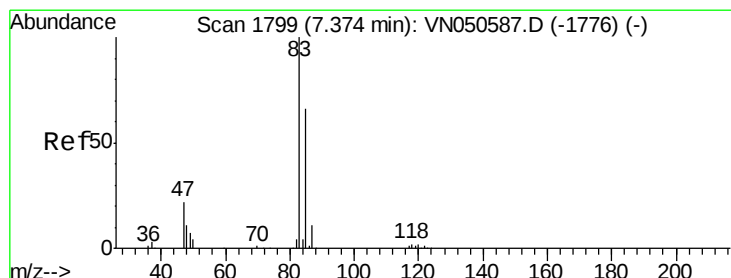
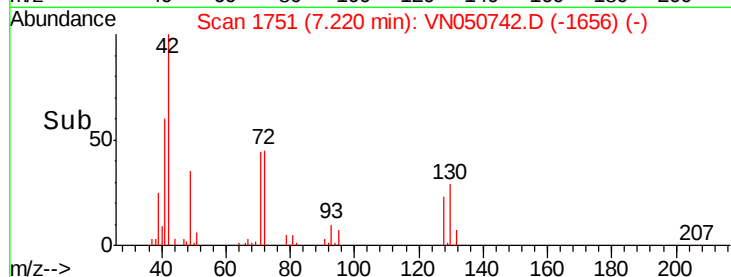
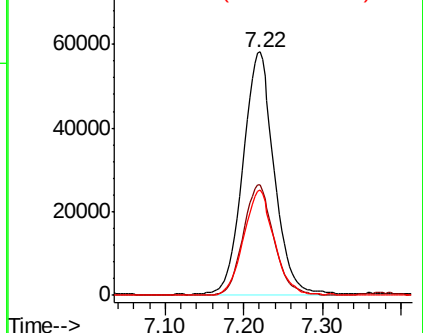
#29
Tetrahydrofuran
Concen: 134.30 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.01 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 162044
Ion Ratio Lower Upper
42 100
72 44.8 35.8 53.6
71 42.6 33.4 50.0

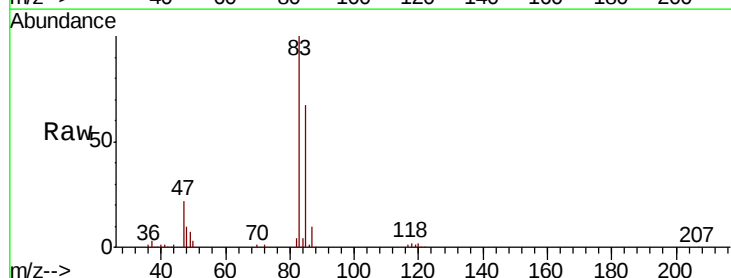


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

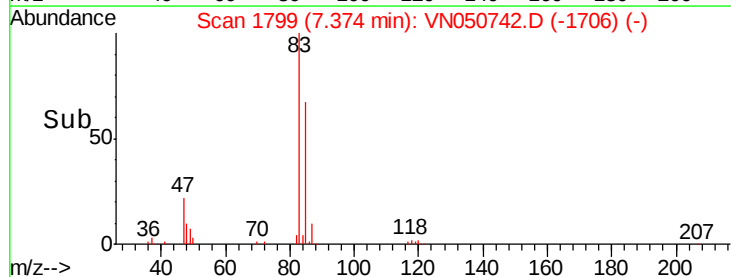
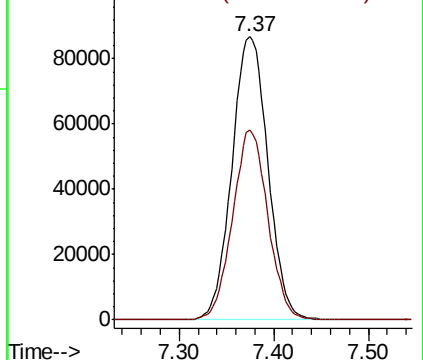


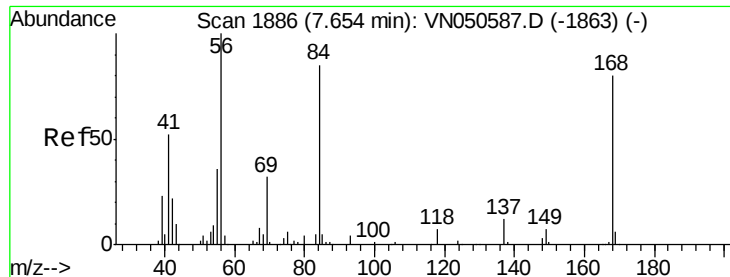
#30
Chloroform
Concen: 22.64 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

Tgt Ion: 83 Resp: 229707
Ion Ratio Lower Upper
83 100
85 67.2 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

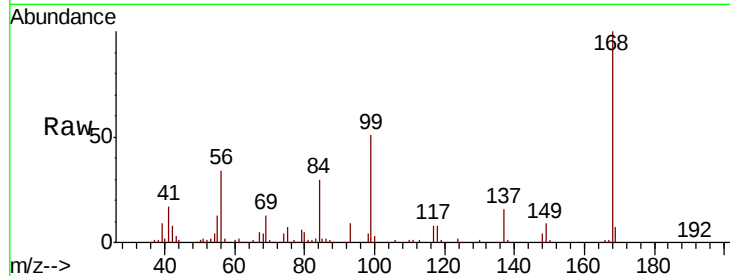




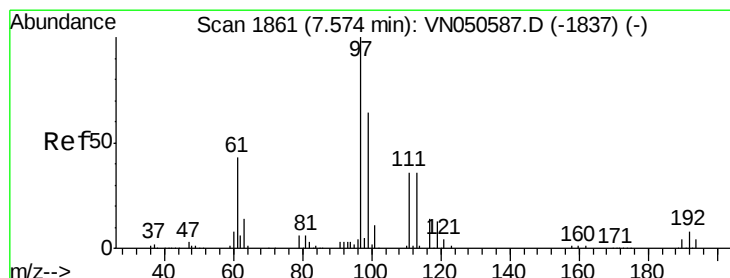
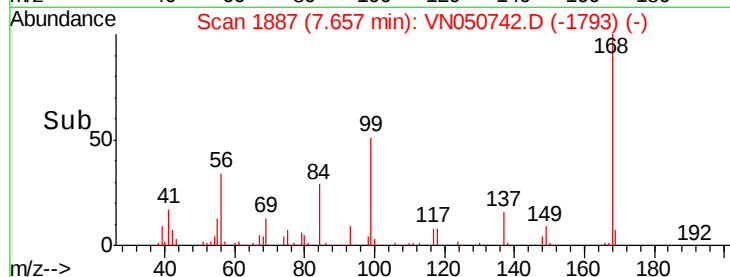
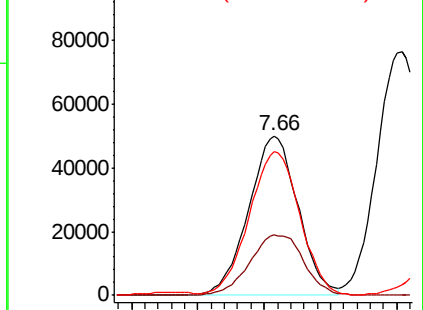
#31
Cyclohexane
Concen: 14.98 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 130052
Ion Ratio Lower Upper
56 100
69 37.9 25.8 38.6
84 88.5 67.8 101.6

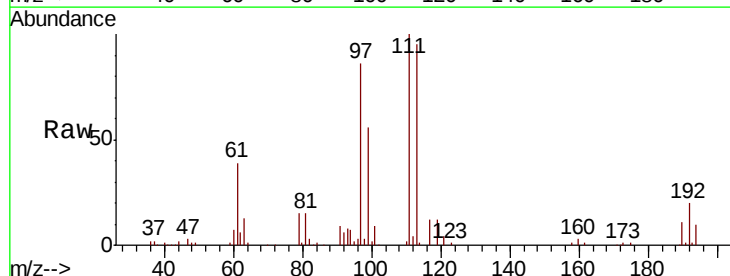


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

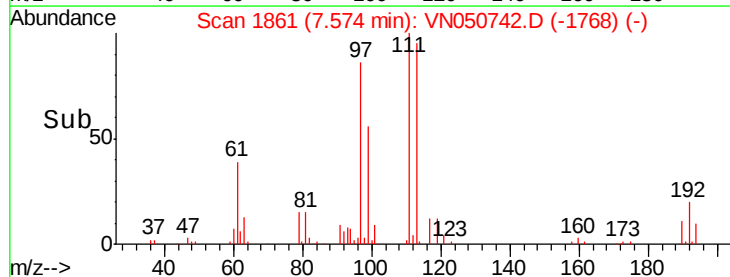
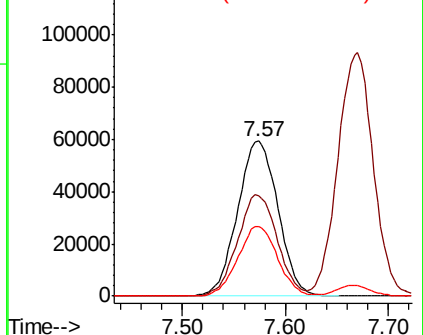


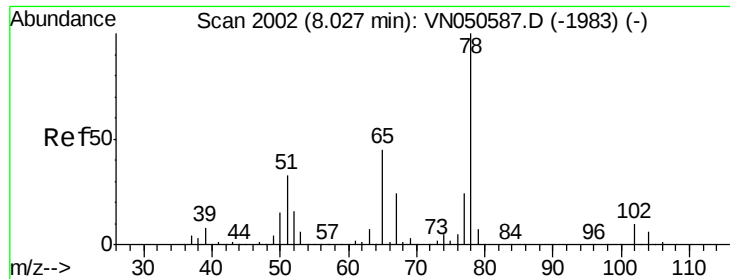
#32
1,1,1-Trichloroethane
Concen: 18.93 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

Tgt Ion: 97 Resp: 161645
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 44.4 34.8 52.2



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

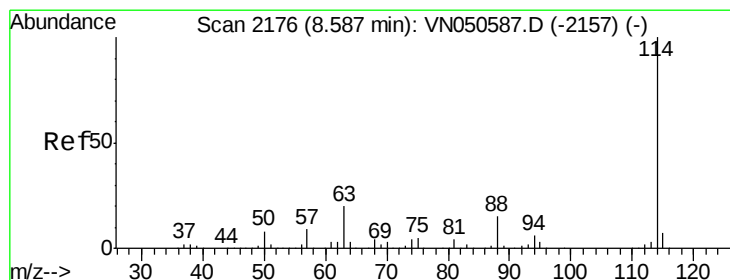
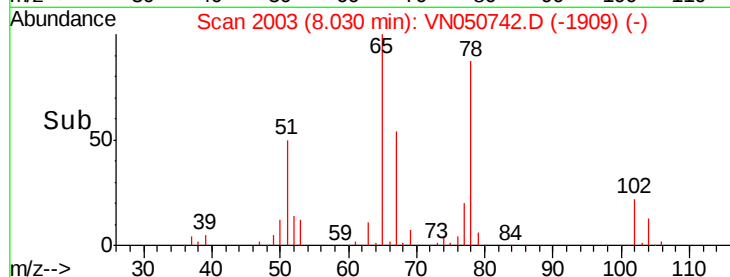
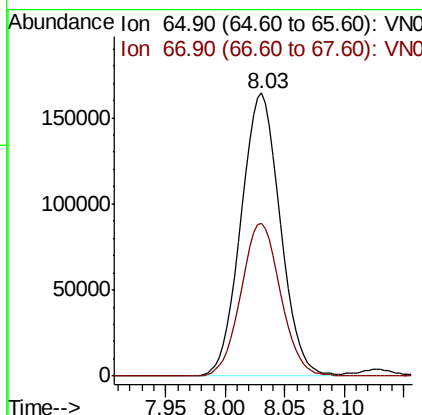
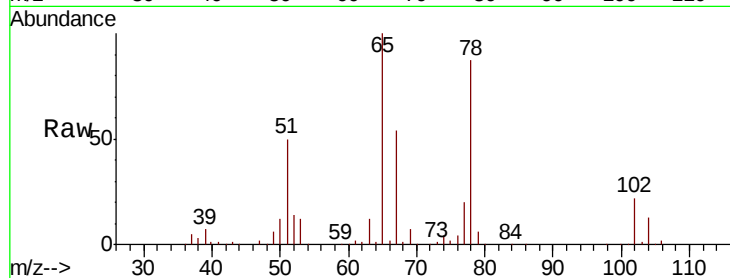




#33
 1,2-Dichloroethane-d4
 Concen: 66.79 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

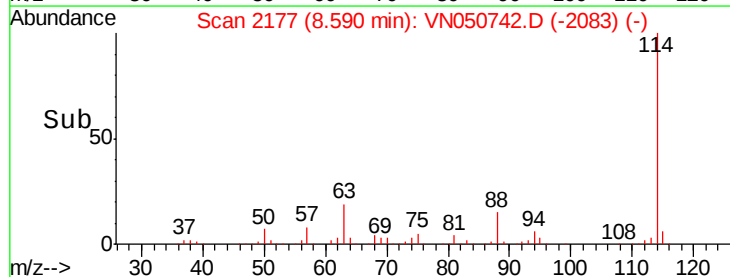
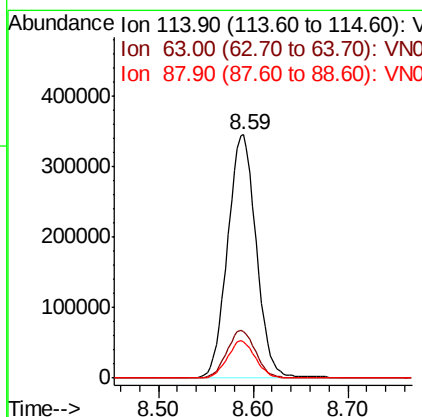
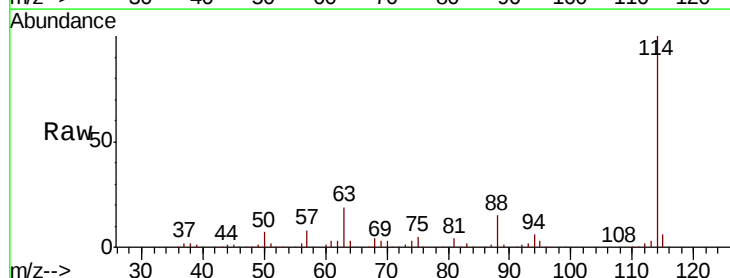
Instrument :
 MSVOA_N
 ClientSampled :

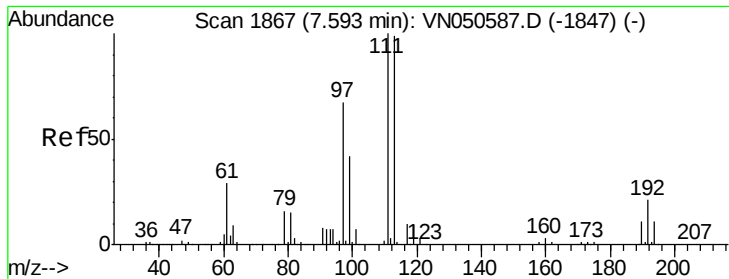
Tot Ion: 65 Resp: 376465
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

Tgt Ion: 114 Resp: 726704
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.0
 88 15.1 0.0 30.8

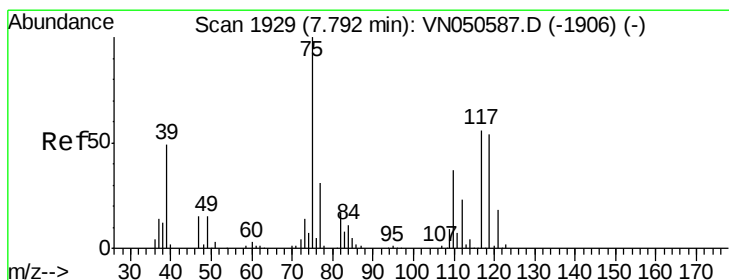
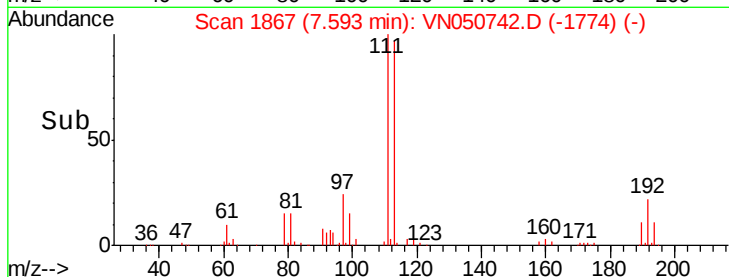
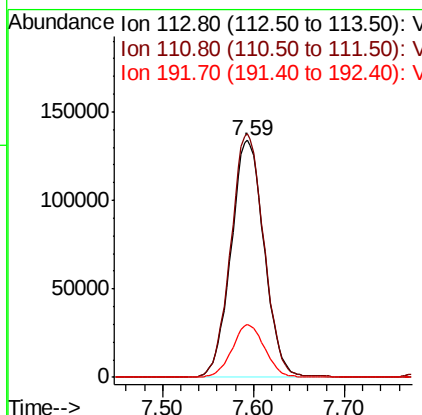
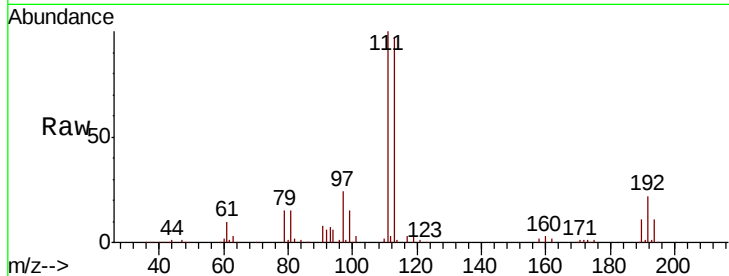




#35
 Dibromofluoromethane
 Concen: 58.32 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

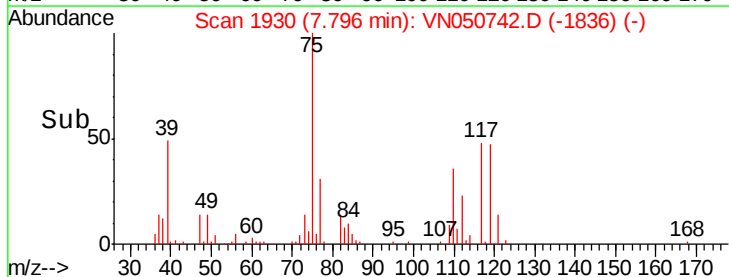
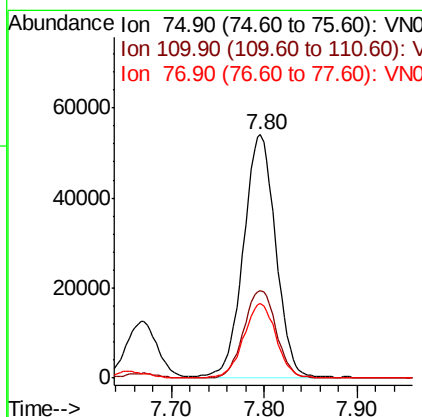
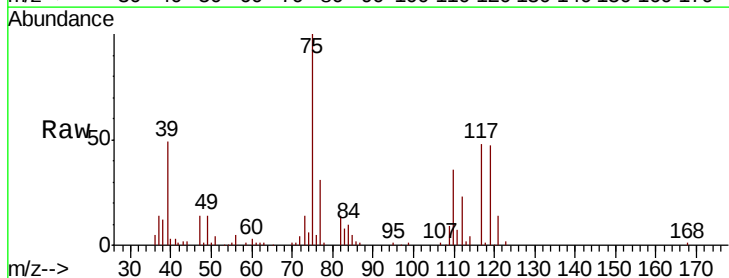
Instrument :
 MSVOA_N
 ClientSampleId :

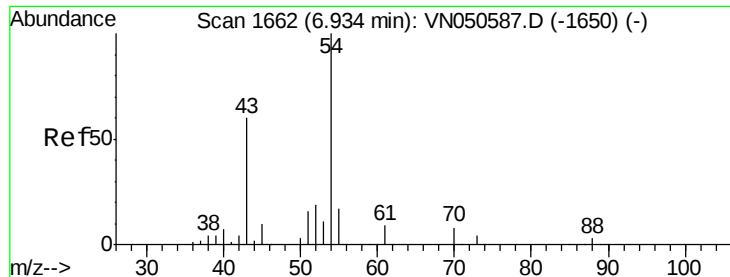
Tot Ion:113 Resp: 338370
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.0 121.6
 192 22.0 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 16.08 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

Tgt Ion: 75 Resp: 130051
 Ion Ratio Lower Upper
 75 100
 110 36.3 18.3 54.9
 77 31.0 25.0 37.4

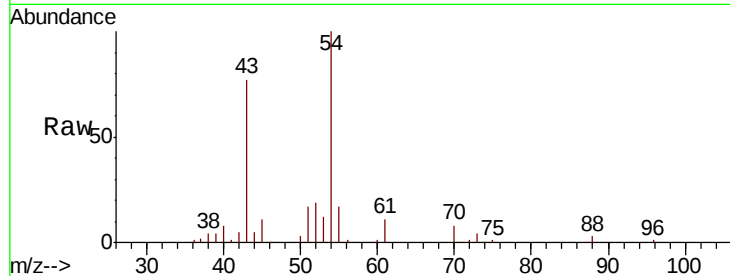




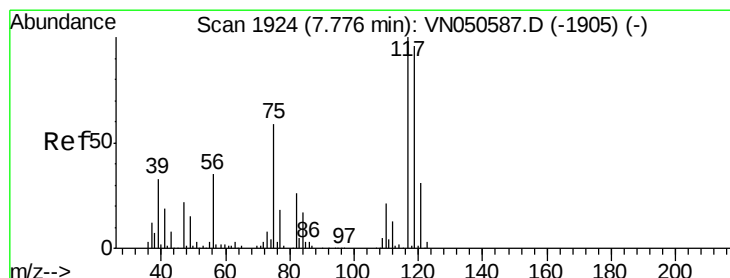
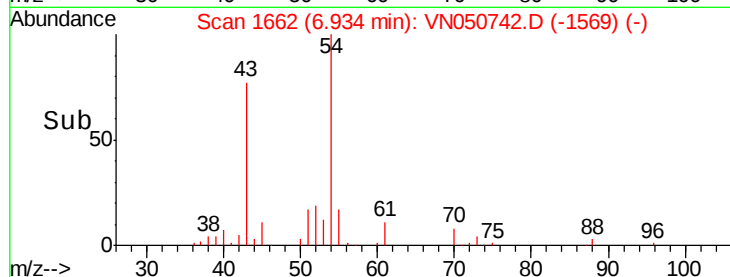
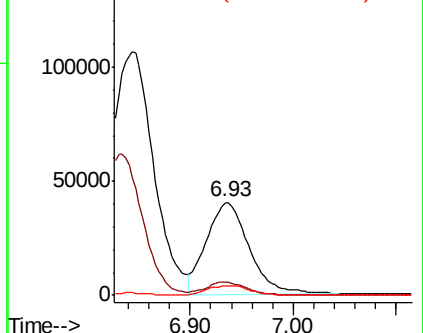
#37
Ethyl Acetate
Concen: 25.26 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 115519
Ion Ratio Lower Upper
43 100
61 14.5 12.0 18.0
70 10.8 8.5 12.7

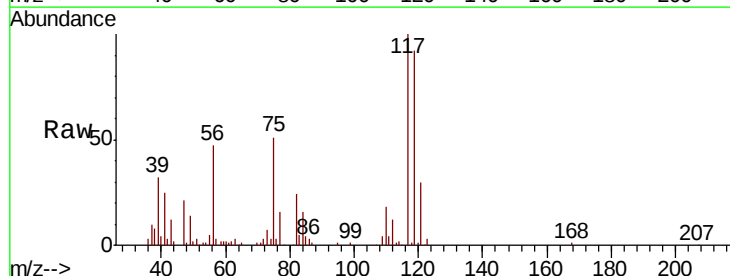


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

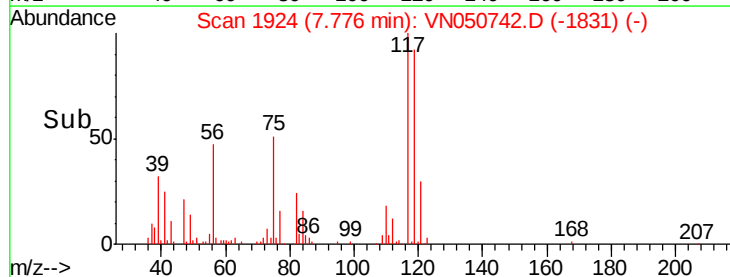
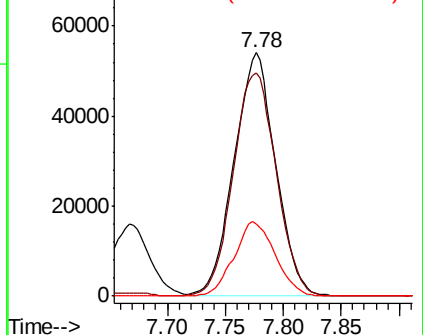


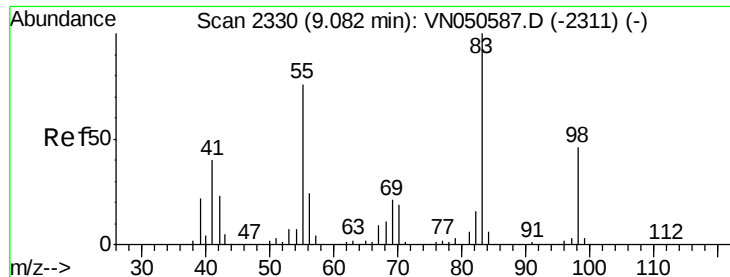
#38
Carbon Tetrachloride
Concen: 16.06 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

Tgt Ion: 117 Resp: 134739
Ion Ratio Lower Upper
117 100
119 91.5 76.6 115.0
121 29.8 25.0 37.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

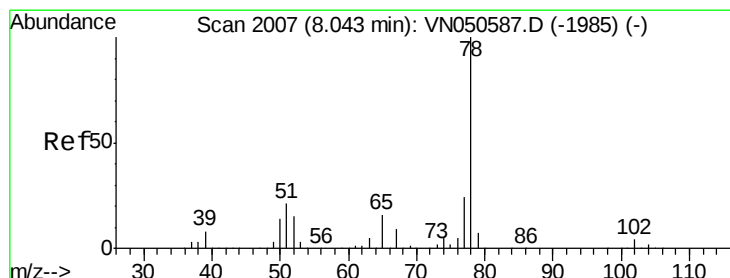
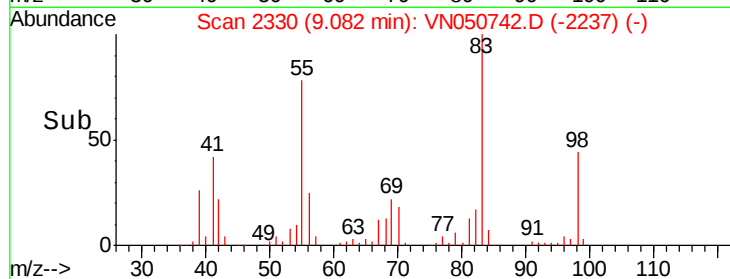
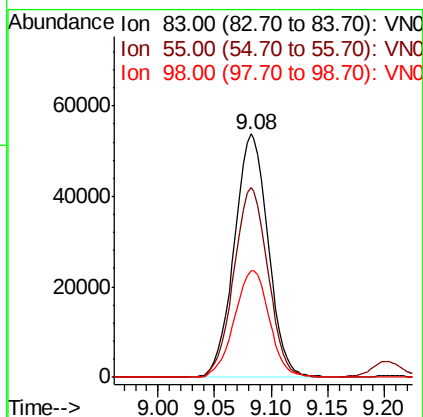
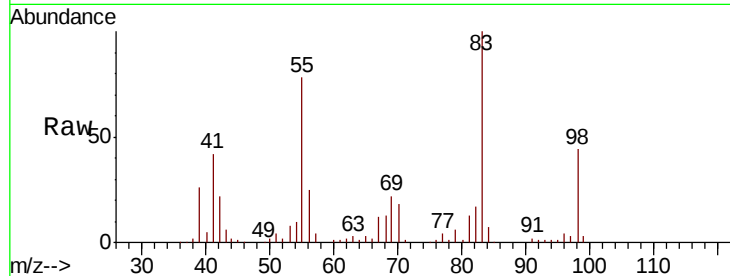




#39
Methvlcvclohexane
Concen: 13.40 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

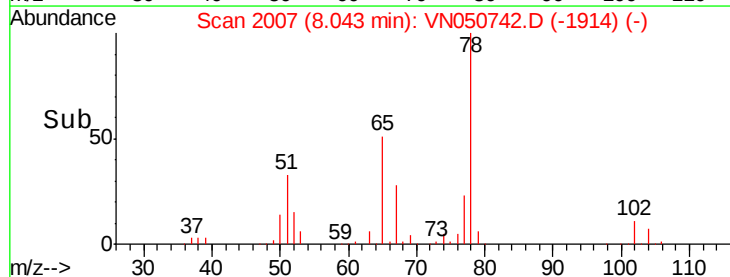
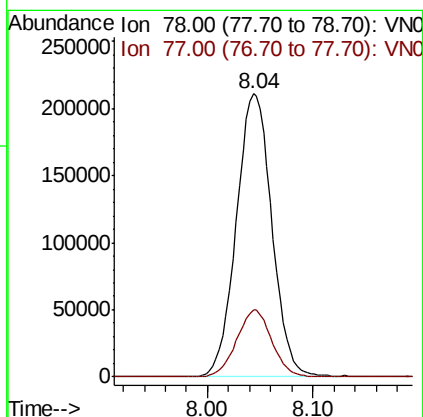
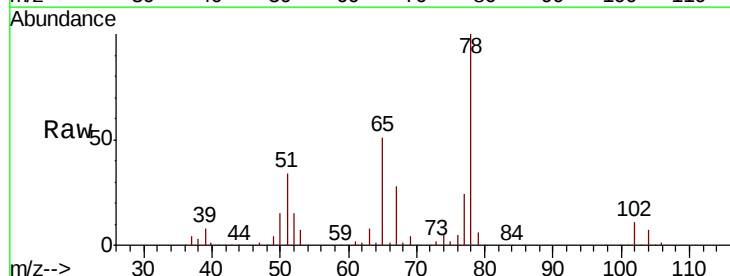
Instrument :
MSVOA_N
ClientSampleId :

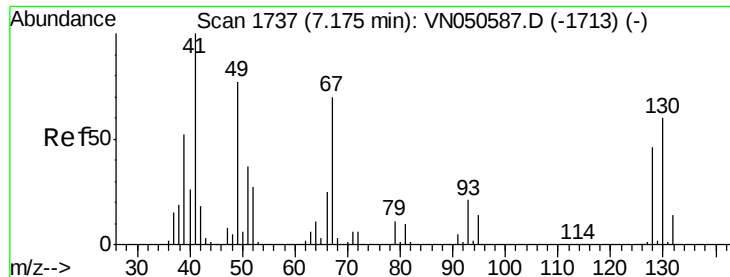
Tot Ion: 83 Resp: 112192
Ion Ratio Lower Upper
83 100
55 78.2 60.6 91.0
98 43.6 37.0 55.4



#40
Benzene
Concen: 20.07 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

Tgt Ion: 78 Resp: 493823
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6

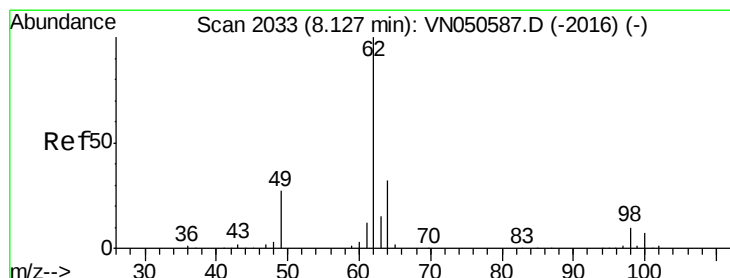
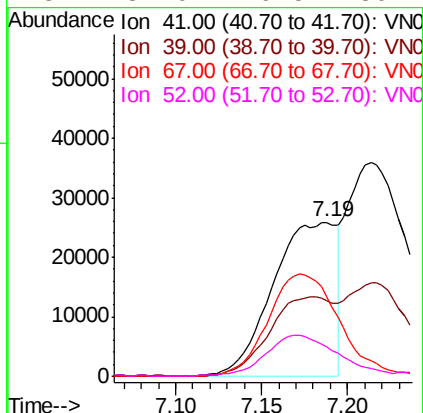
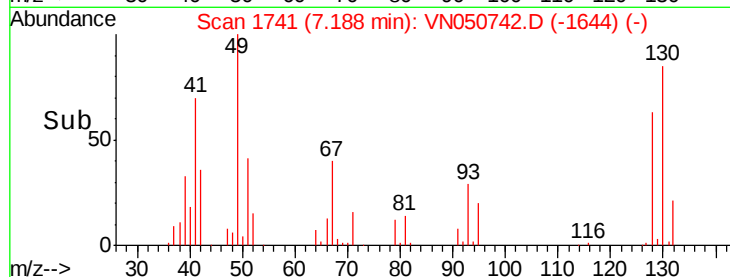
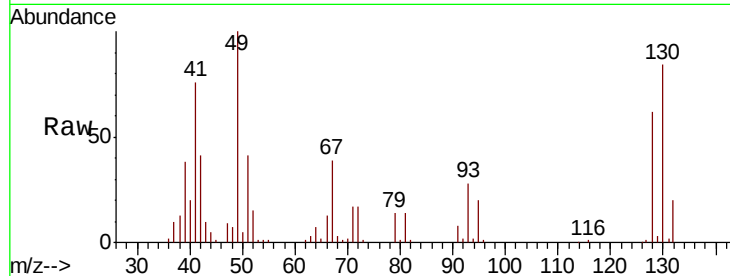




#41
Methacrylonitrile
Concen: 27.11 ug/l
RT: 7.19 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

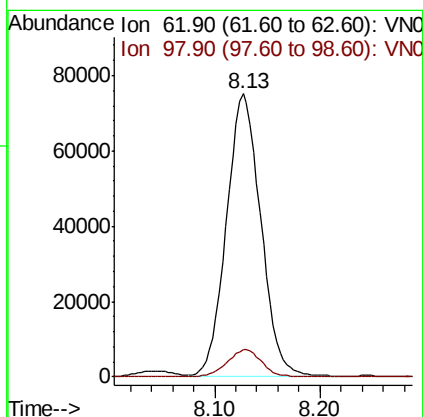
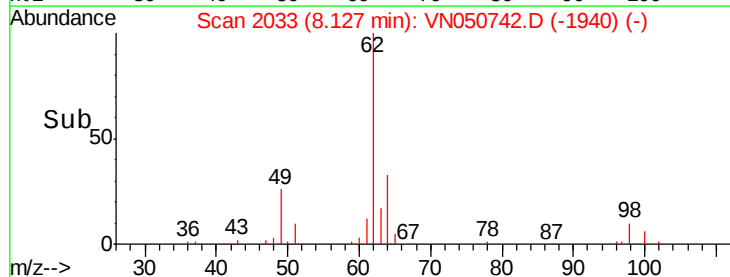
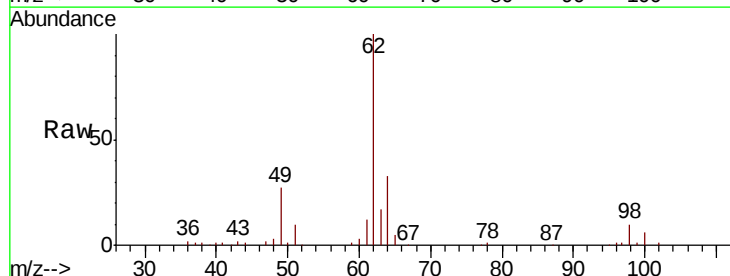
Instrument :
MSVOA_N
ClientSampled :

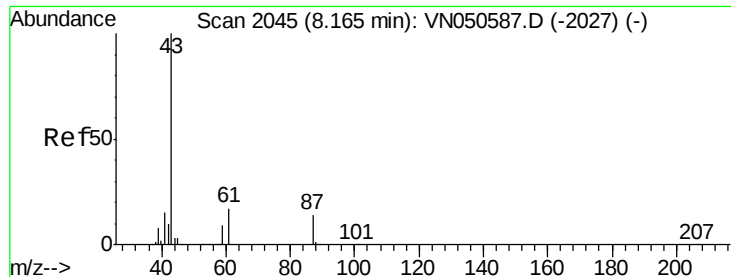
Tot Ion: 41 Resp: 67030
Ion Ratio Lower Upper
41 100
39 52.6 44.6 66.8
67 74.6 66.7 100.1
52 31.0 26.5 39.7



#42
1,2-Dichloroethane
Concen: 22.41 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

Tgt Ion: 62 Resp: 169001
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.4





#43

Isopropyl Acetate

Concen: 23.43 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

Instrument :

MSVOA_N

ClientSampleId :

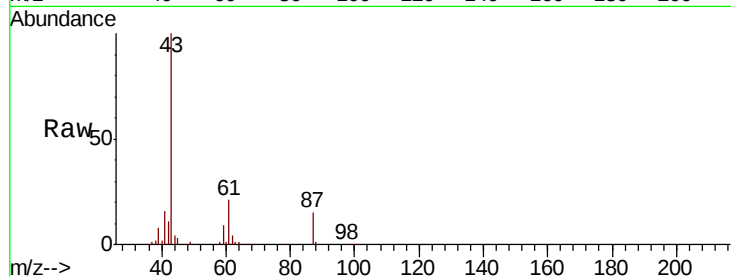
Tot Ion: 43 Resp: 195274

Ion Ratio Lower Upper

43 100

61 20.7 16.2 24.2

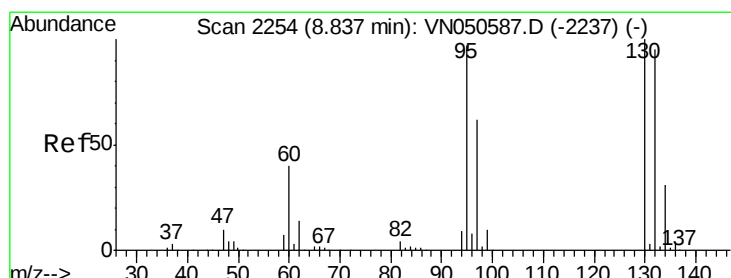
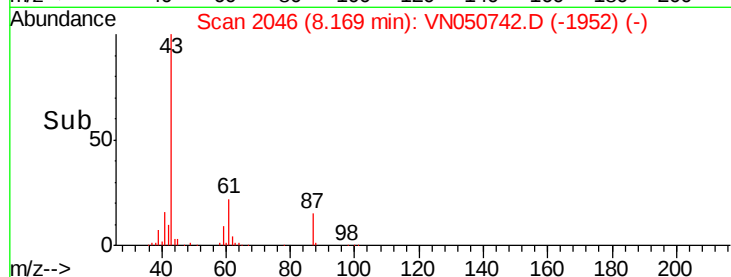
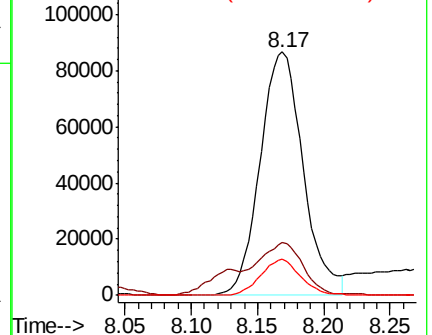
87 13.8 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050587.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050587.D (-2027) (-)



#44

Trichloroethene

Concen: 17.72 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050742.D

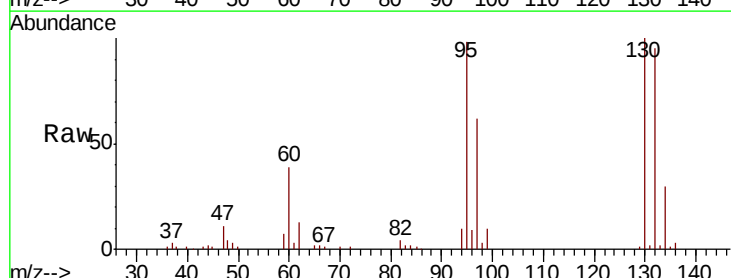
Acq: 18 Aug 2018 1:16

Tgt Ion:130 Resp: 116823

Ion Ratio Lower Upper

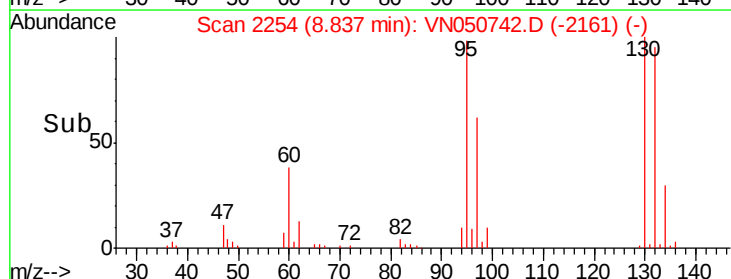
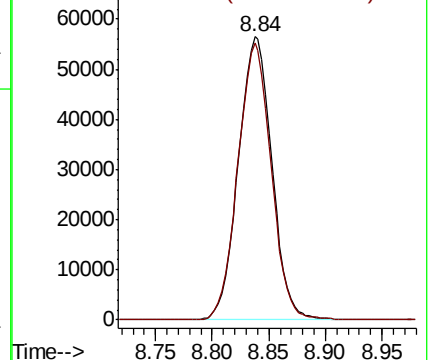
130 100

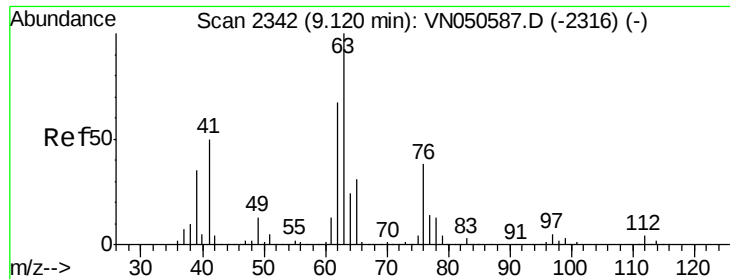
95 98.0 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): VN050587.D (-2237) (-)

Ion 94.90 (94.60 to 95.60): VN050587.D (-2237) (-)





#45

1,2-Dichloropropane

Concen: 21.12 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

Instrument :

MSVOA_N

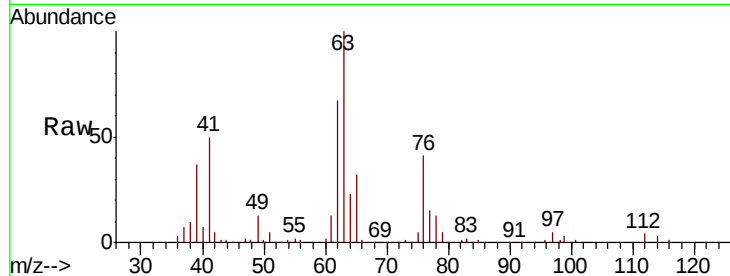
ClientSampleId :

Tot Ion: 63 Resp: 138389

Ion Ratio Lower Upper

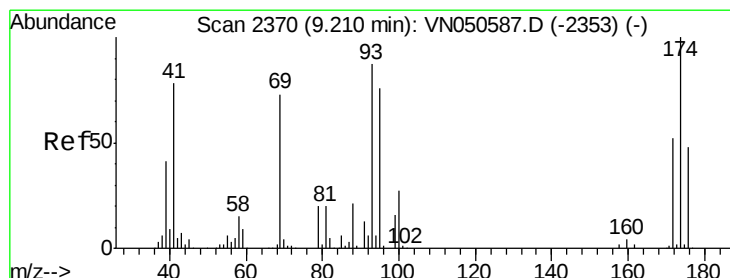
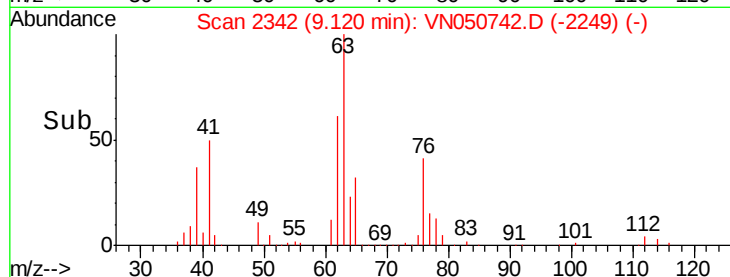
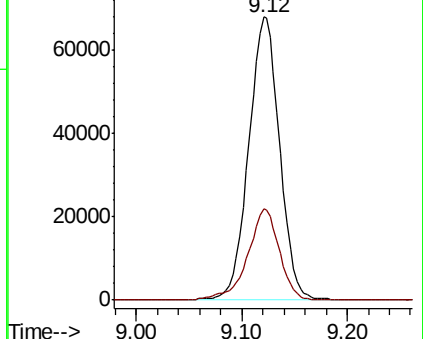
63 100

65 32.2 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 22.13 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

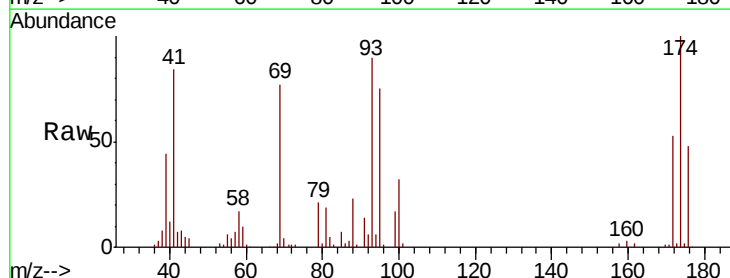
Tgt Ion: 93 Resp: 85609

Ion Ratio Lower Upper

93 100

95 83.2 69.1 103.7

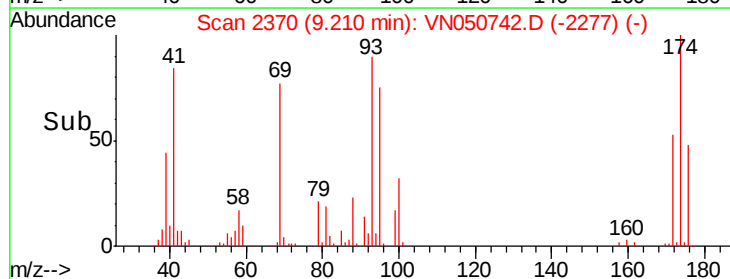
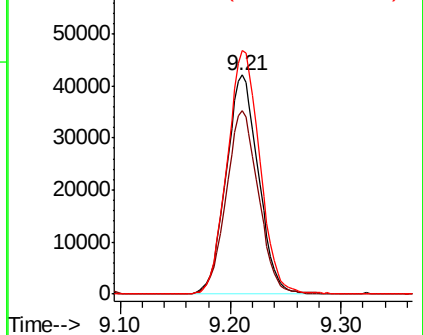
174 112.4 91.0 136.6

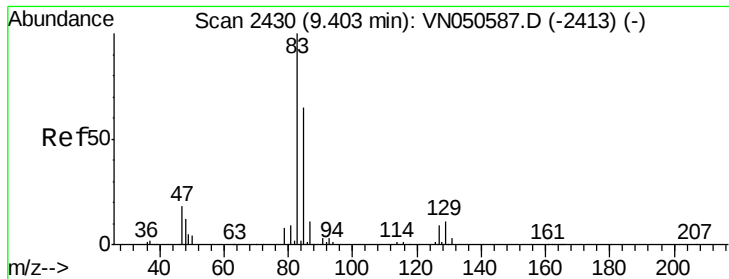


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

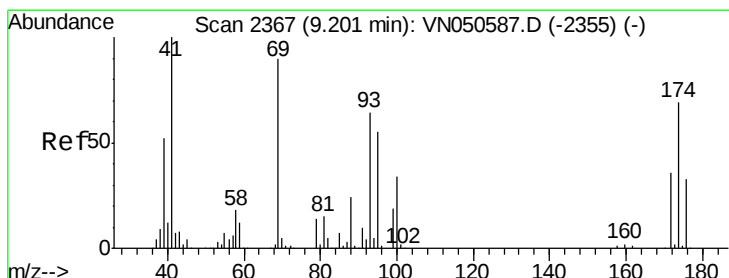
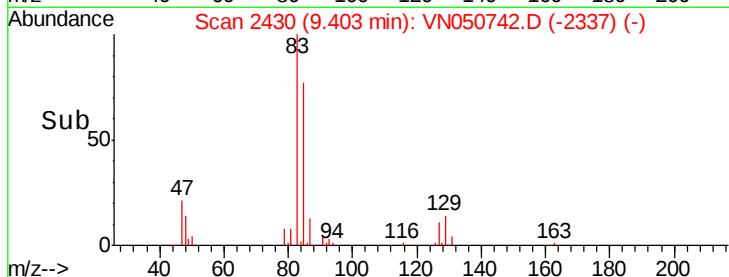
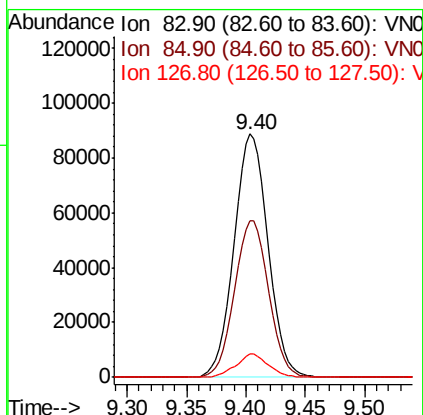
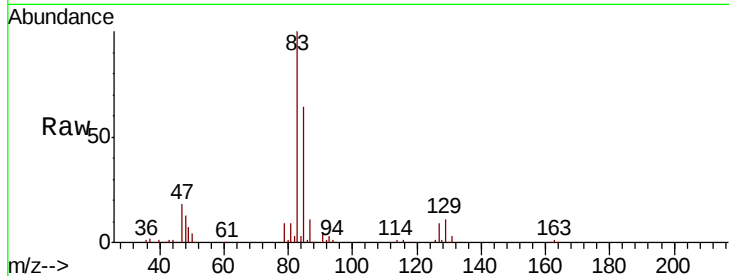




#47
 Bromodichloromethane
 Concen: 21.27 ug/l
 RT: 9.40 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

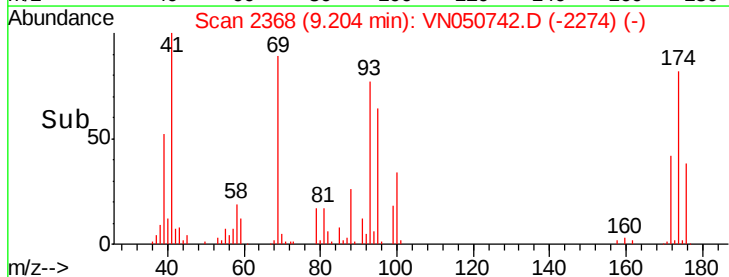
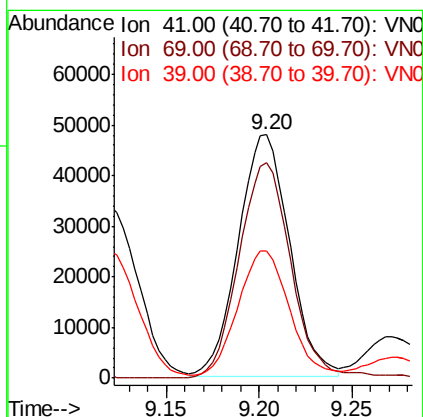
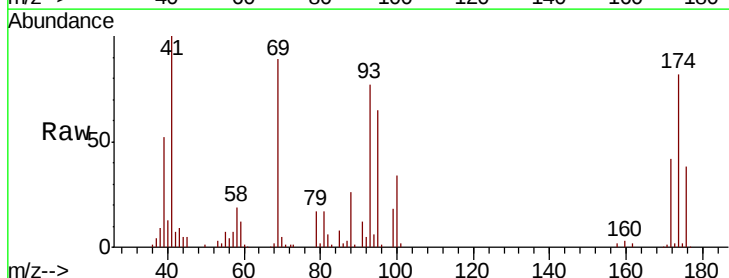
Instrument :
 MSVOA_N
 ClientSampleId :

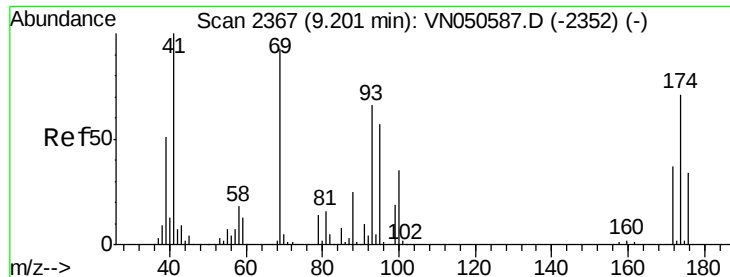
Tot Ion: 83 Resp: 175908
 Ion Ratio Lower Upper
 83 100
 85 64.2 51.8 77.6
 127 9.5 7.2 10.8



#48
 Methyl methacrylate
 Concen: 21.91 ug/l
 RT: 9.20 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

Tgt Ion: 41 Resp: 91889
 Ion Ratio Lower Upper
 41 100
 69 90.4 73.4 110.0
 39 52.7 43.0 64.6

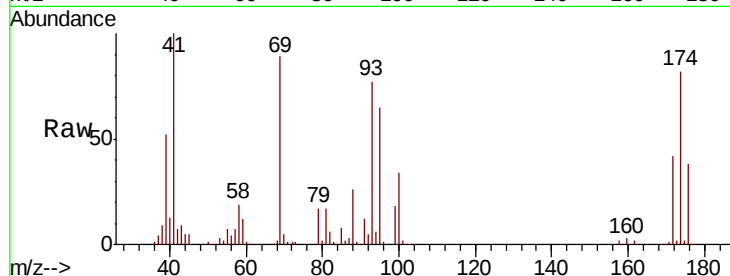




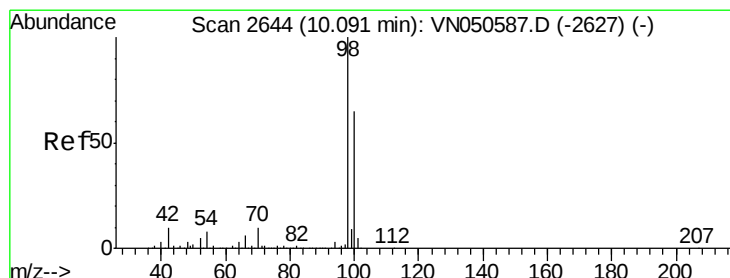
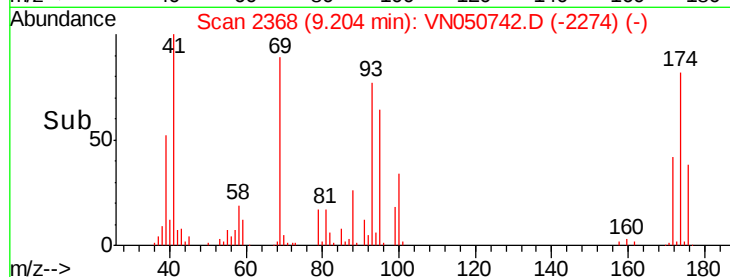
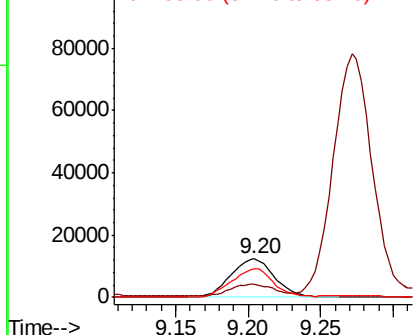
#49
1,4-Dioxane
Concen: 470.98 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 26017
Ion Ratio Lower Upper
88 100
43 31.8 25.9 38.9
58 71.8 56.5 84.7

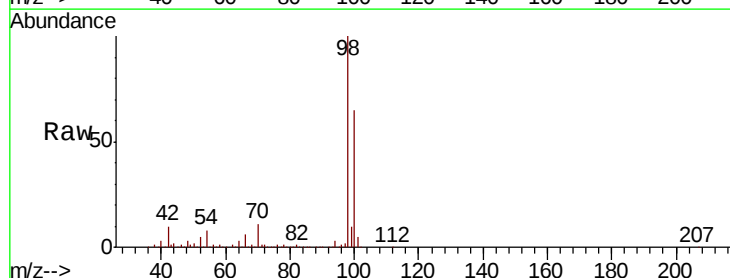


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

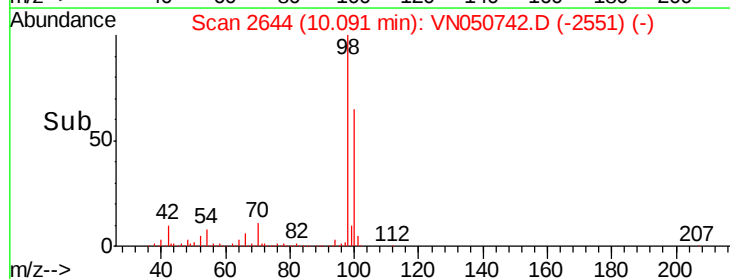
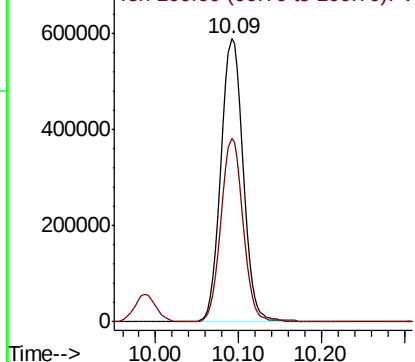


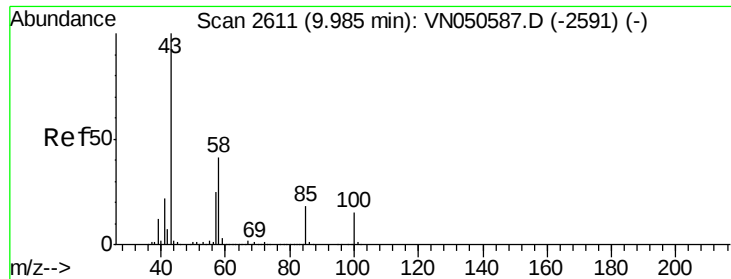
#50
Toluene-d8
Concen: 50.17 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

Tgt Ion: 98 Resp: 1095575
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.8



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: 125.12 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. 0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

Instrument :

MSVOA_N

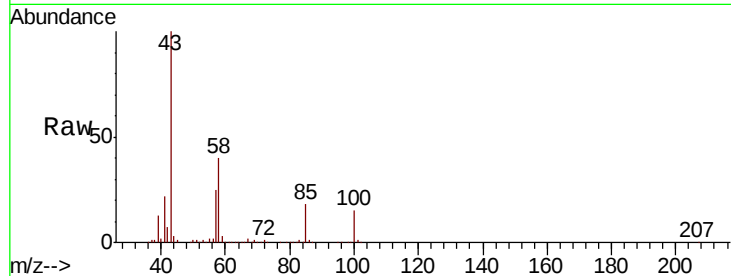
ClientSampled :

Tot Ion: 43 Resp: 705187

Ion Ratio Lower Upper

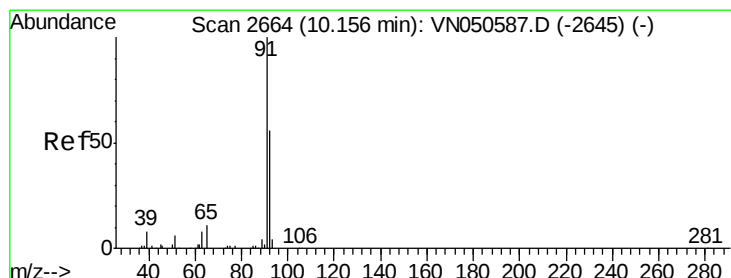
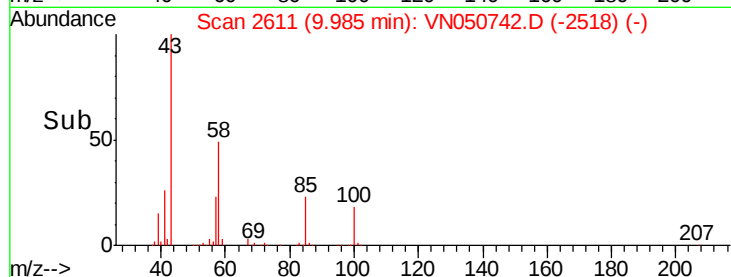
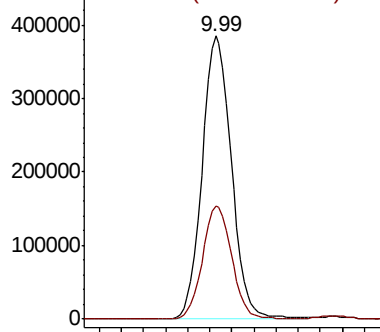
43 100

58 40.3 32.5 48.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.15 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. 0.00 min

Lab File: VN050742.D

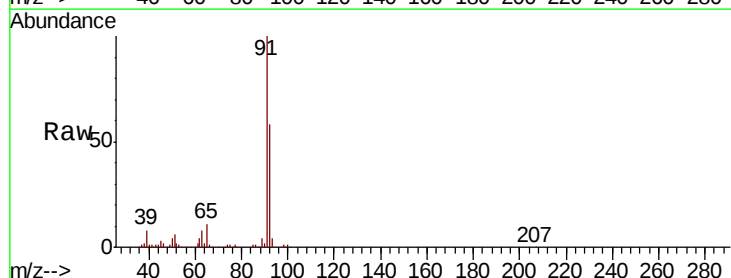
Acq: 18 Aug 2018 1:16

Tgt Ion: 92 Resp: 281385

Ion Ratio Lower Upper

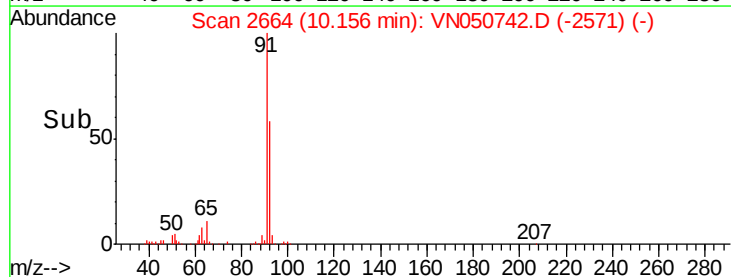
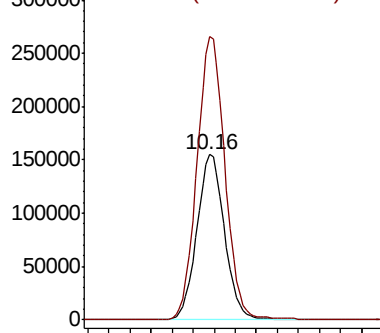
92 100

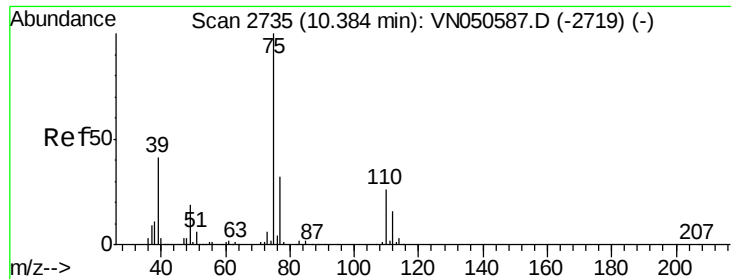
91 173.5 141.9 212.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 20.04 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

Instrument :

MSVOA_N

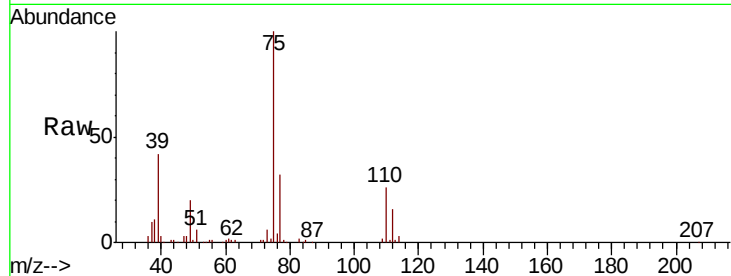
ClientSampleId :

Tot Ion: 75 Resp: 154321

Ion Ratio Lower Upper

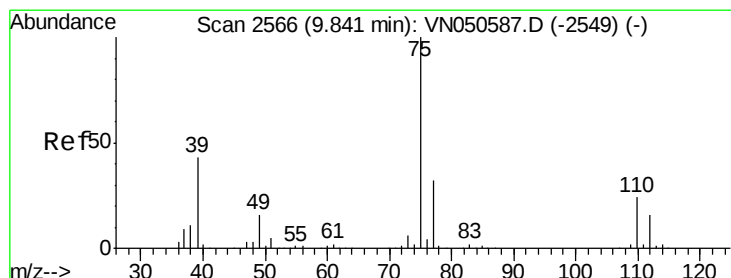
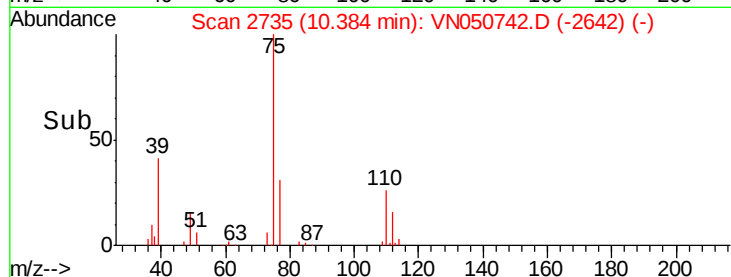
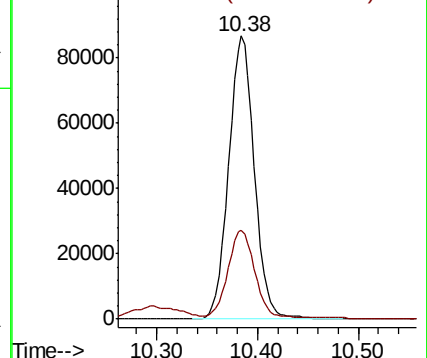
75 100

77 31.0 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 21.05 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

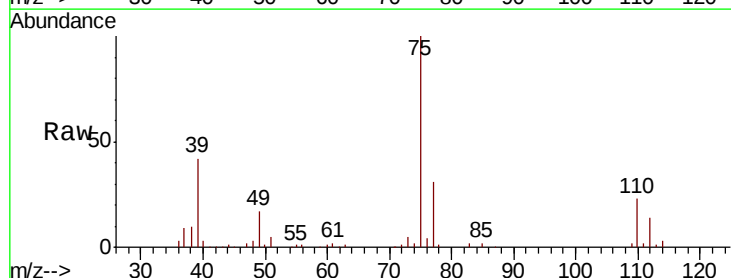
Tgt Ion: 75 Resp: 186006

Ion Ratio Lower Upper

75 100

77 30.8 25.6 38.4

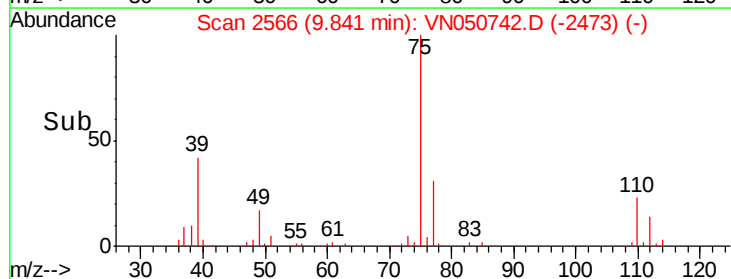
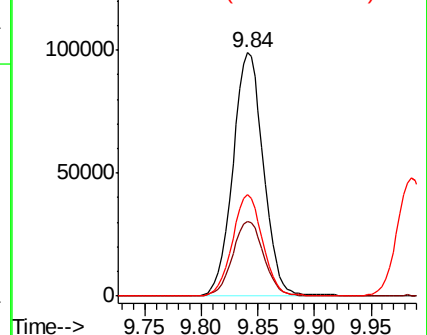
39 41.5 34.4 51.6

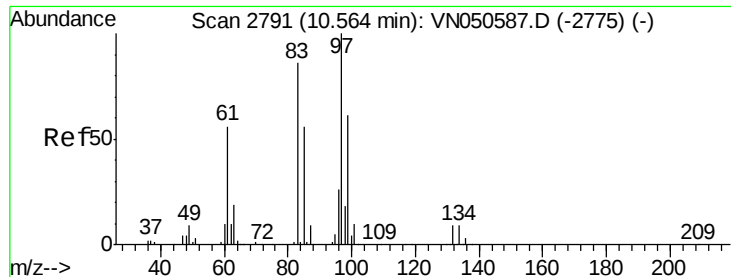


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

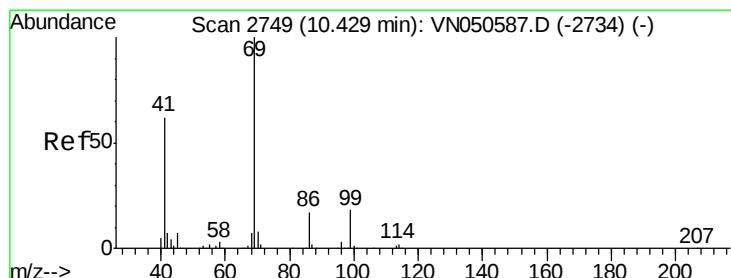
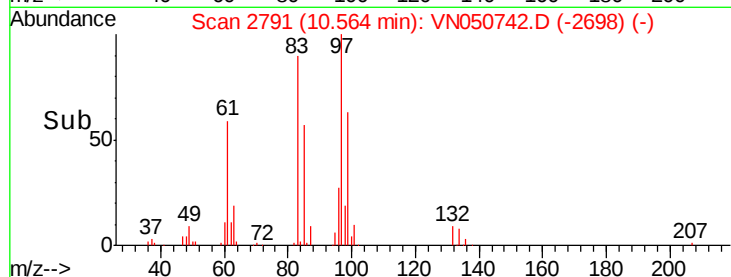
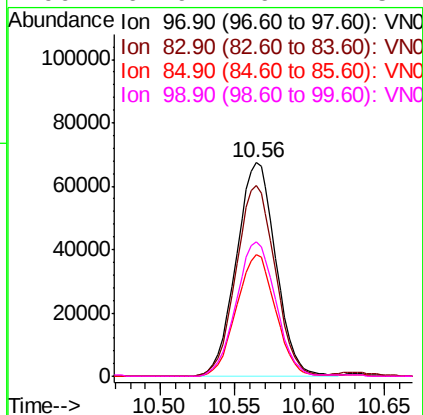
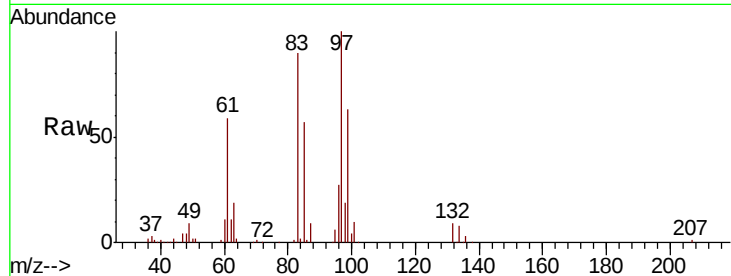




#55
 1,1,2-Trichloroethane
 Concen: 22.52 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

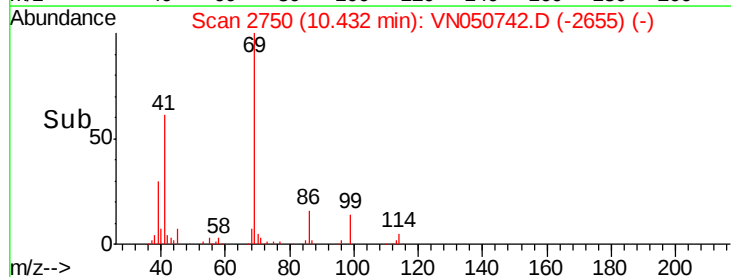
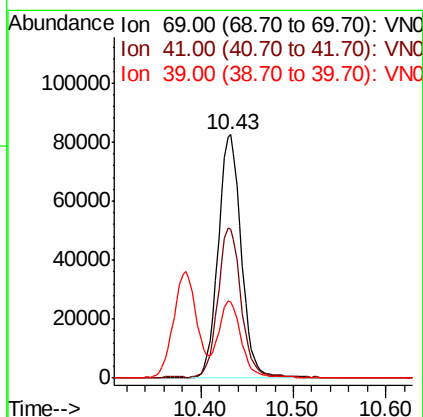
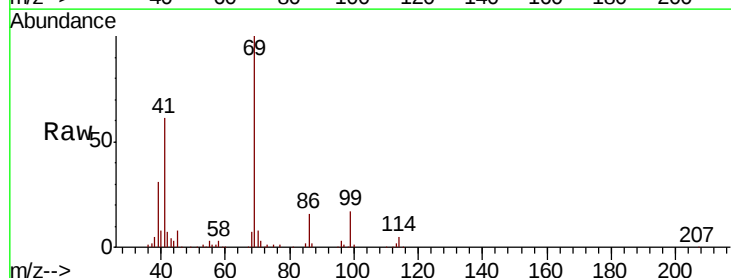
Instrument :
 MSVOA_N
 ClientSampled :

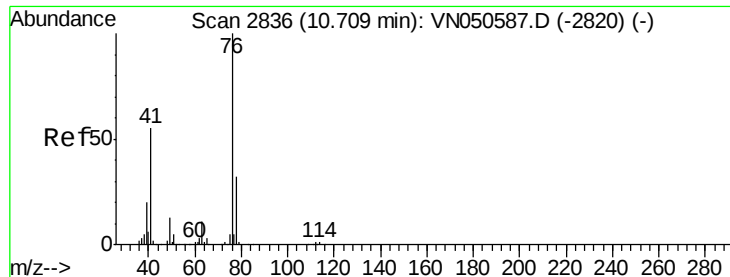
Tot Ion:	97	Resp:	123636
Ion	Ratio	Lower	Upper
97	100		
83	89.6	68.5	102.7
85	57.2	44.6	66.8
99	62.9	49.1	73.7



#56
 Ethyl methacrylate
 Concen: 21.44 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

Tgt Ion:	69	Resp:	142252
Ion	Ratio	Lower	Upper
69	100		
41	61.4	49.7	74.5
39	30.7	24.2	36.2





#57

1,3-Dichloropropane

Concen: 22.30 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

Instrument :

MSVOA_N

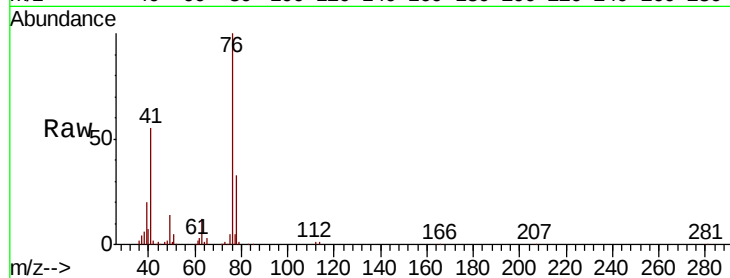
ClientSampled :

Tot Ion: 76 Resp: 200647

Ion Ratio Lower Upper

76 100

78 33.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

120000

100000

80000

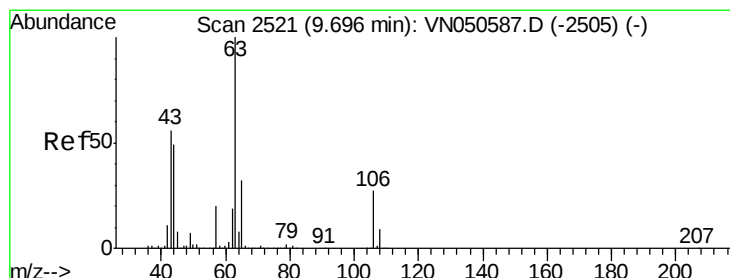
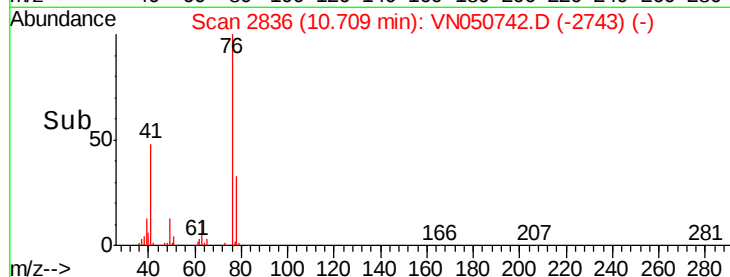
60000

40000

20000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 109.74 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN050742.D

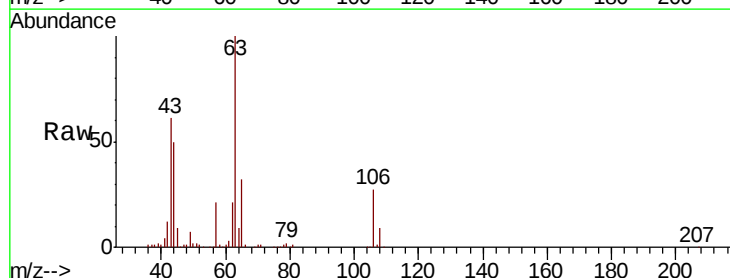
Acq: 18 Aug 2018 1:16

Tgt Ion: 63 Resp: 347635

Ion Ratio Lower Upper

63 100

106 27.1 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

200000

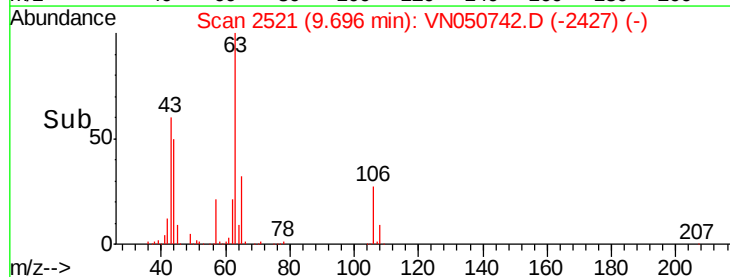
150000

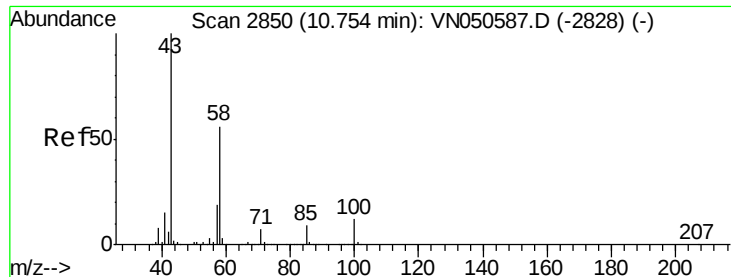
100000

50000

0

Time--> 9.60 9.70 9.80

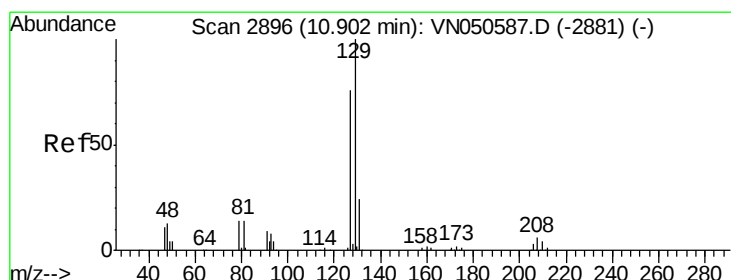
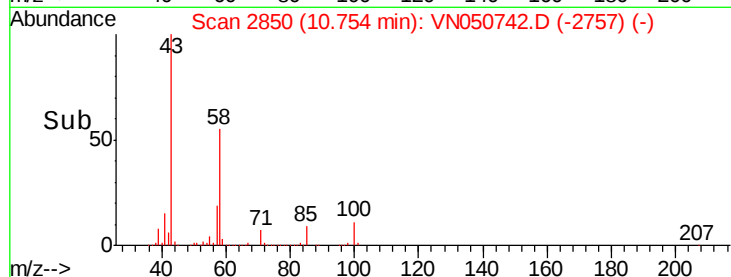
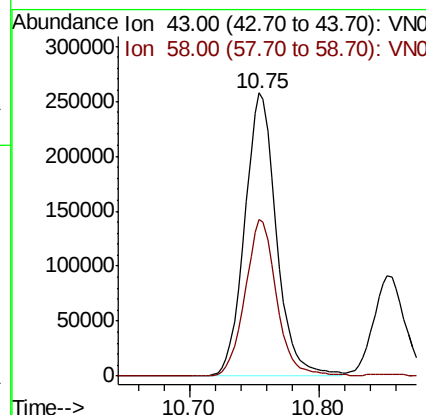
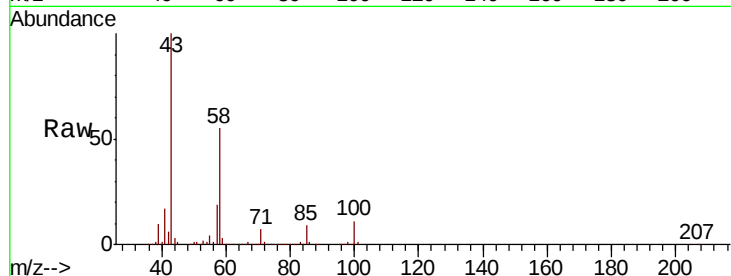




#59
2-Hexanone
Concen: 120.54 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

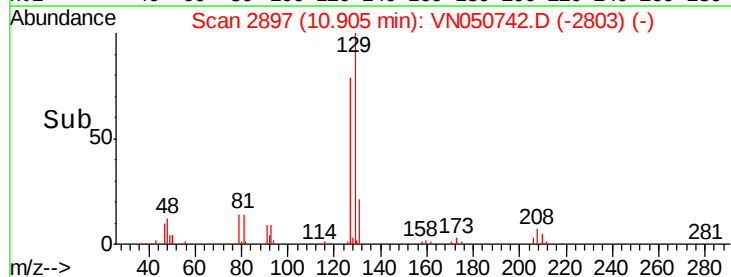
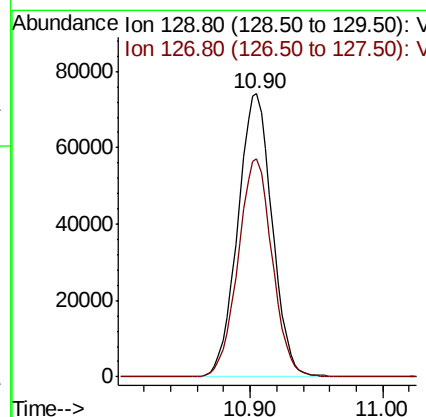
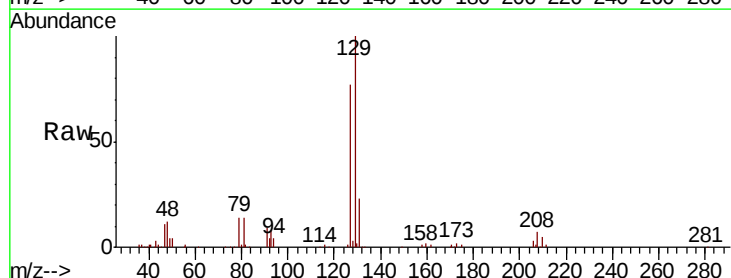
Instrument :
MSVOA_N
ClientSampled :

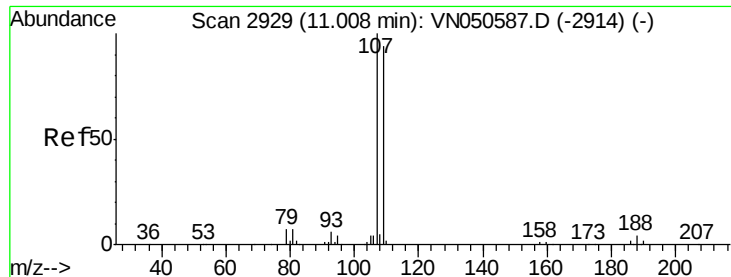
Tot Ion: 43 Resp: 438459
Ion Ratio Lower Upper
43 100
58 55.2 28.0 84.0



#60
Dibromochloromethane
Concen: 22.01 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

Tgt Ion: 129 Resp: 133350
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.7

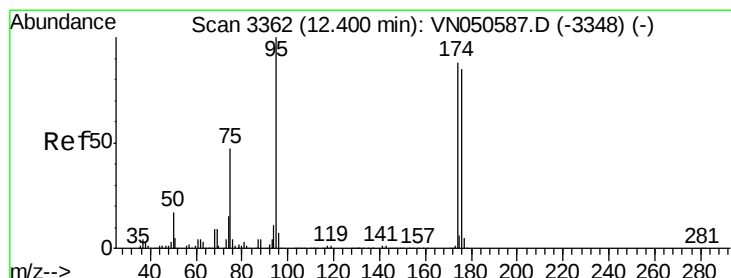
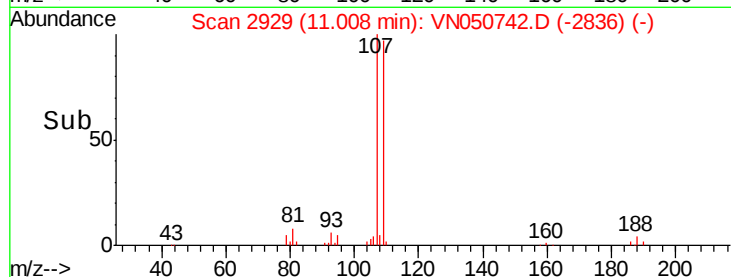
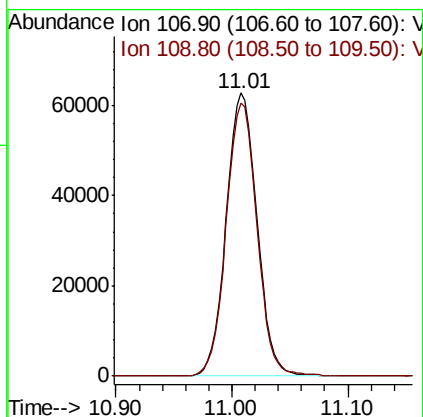
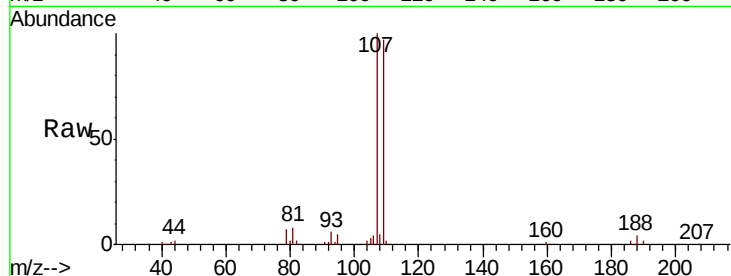




#61
 1,2-Dibromoethane
 Concen: 22.12 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

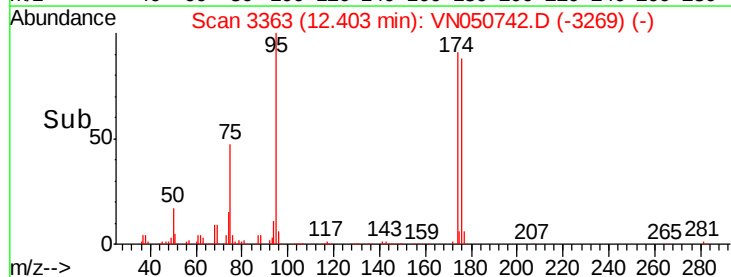
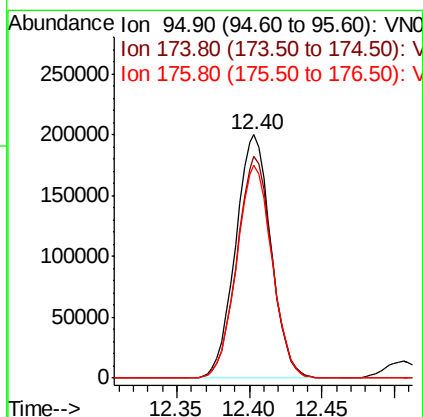
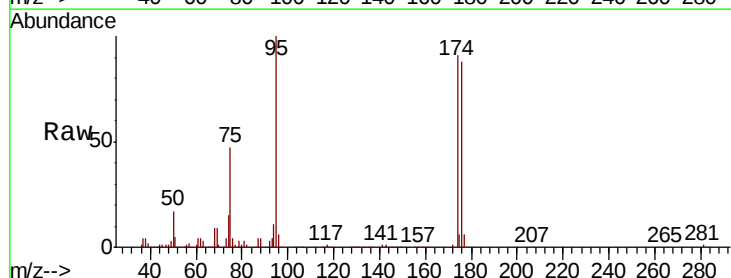
Instrument :
 MSVOA_N
 ClientSampleId :

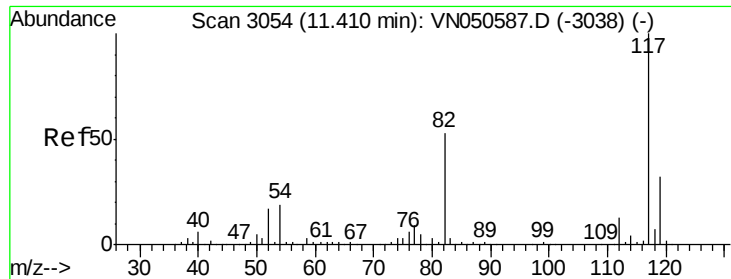
Tot Ion:107 Resp: 115634
 Ion Ratio Lower Upper
 107 100
 109 96.3 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 46.96 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

Tgt Ion: 95 Resp: 338749
 Ion Ratio Lower Upper
 95 100
 174 90.3 0.0 177.8
 176 87.3 0.0 175.0

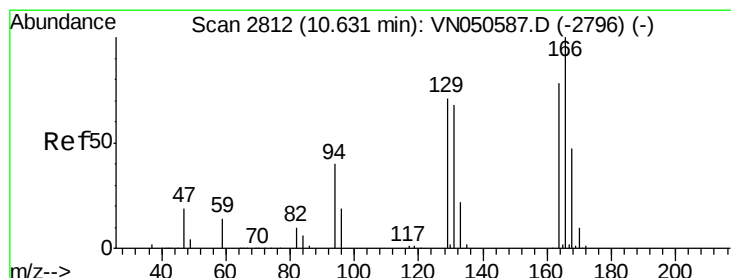
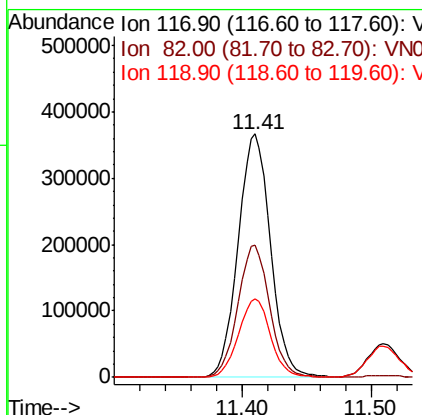
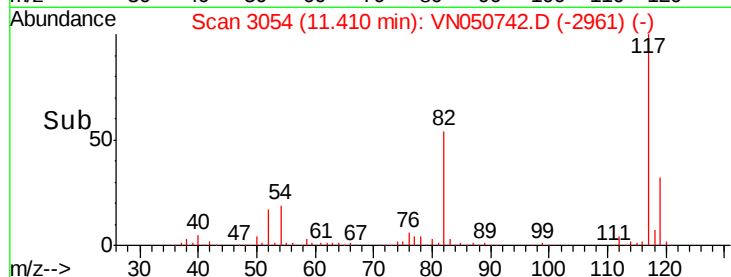
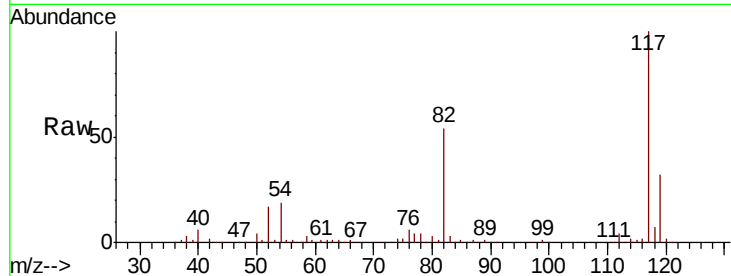




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

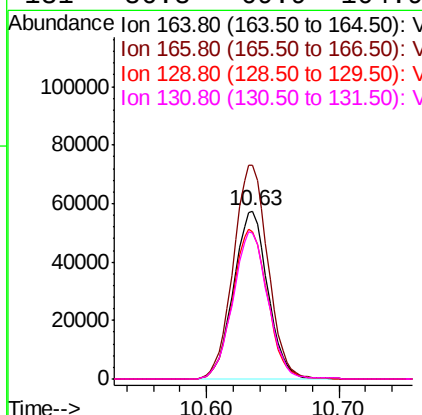
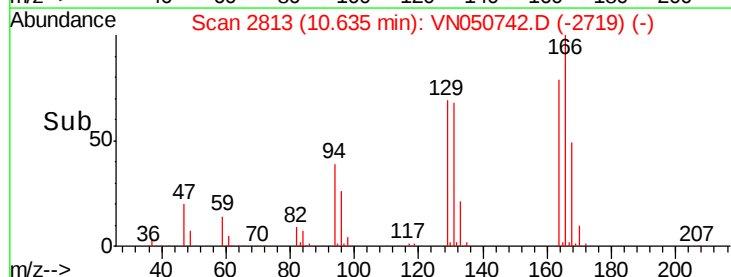
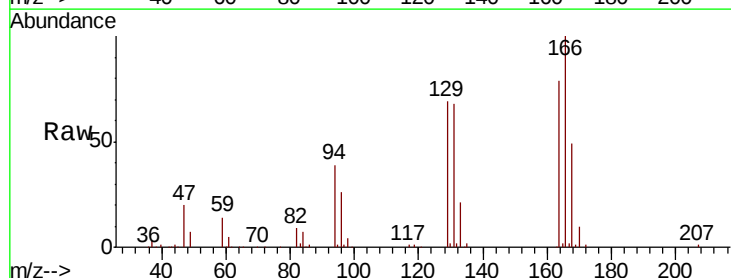
Instrument :
MSVOA_N
ClientSampled :

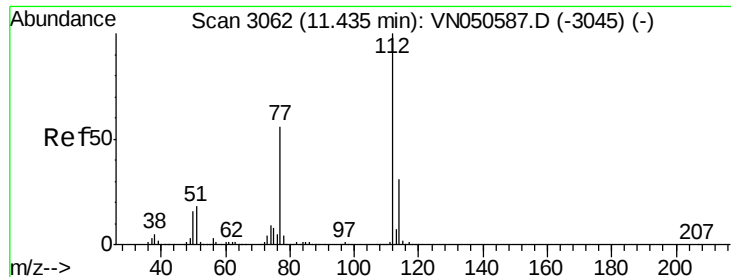
Tot Ion:117 Resp: 640868
Ion Ratio Lower Upper
117 100
82 54.4 42.4 63.6
119 32.4 25.8 38.8



#64
Tetrachloroethene
Concen: 17.26 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

Tgt Ion:164 Resp: 102711
Ion Ratio Lower Upper
164 100
166 127.1 102.1 153.1
129 87.6 72.7 109.1
131 86.8 69.9 104.9

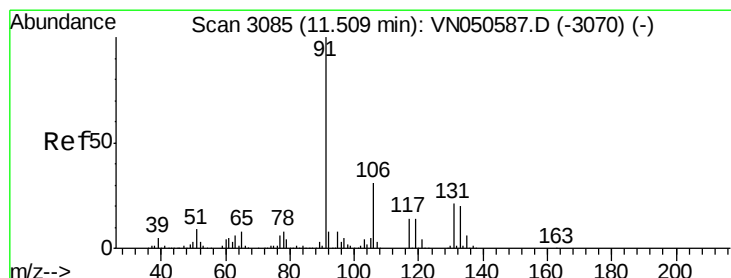
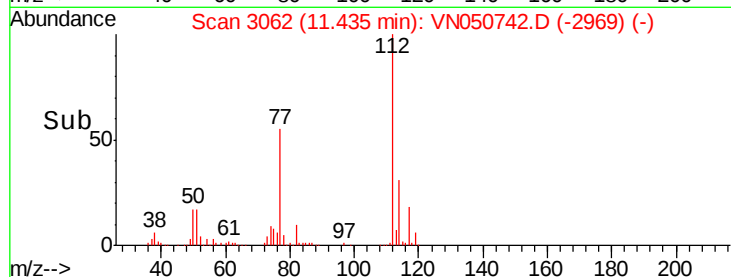
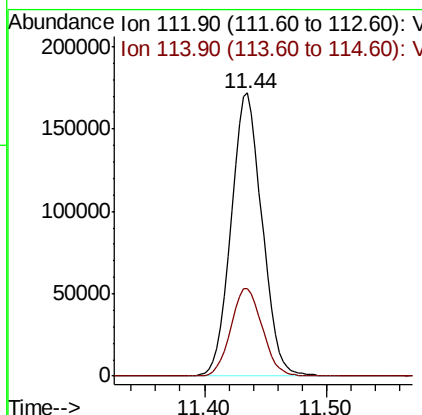
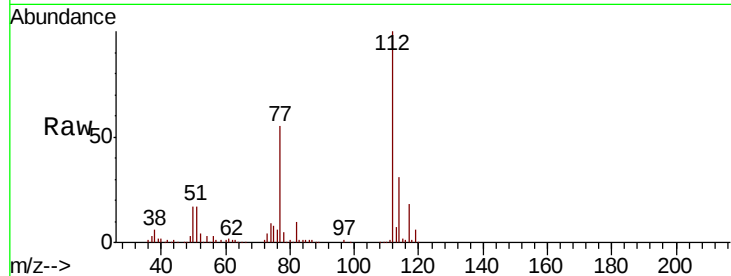




#65
Chlorobenzene
Concen: 18.97 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

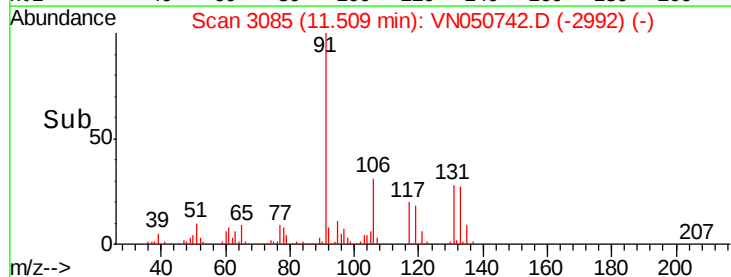
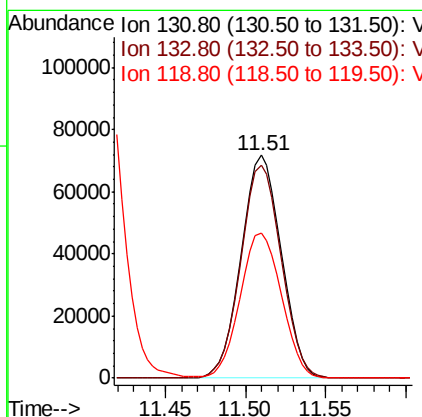
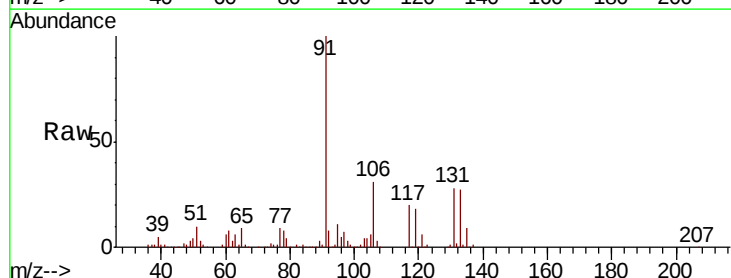
Instrument :
MSVOA_N
ClientSampled :

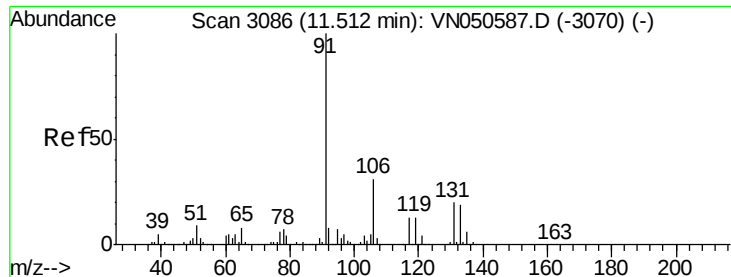
Tot Ion:112 Resp: 302592
Ion Ratio Lower Upper
112 100
114 30.9 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.52 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

Tgt Ion:131 Resp: 122693
Ion Ratio Lower Upper
131 100
133 96.5 47.6 142.9
119 67.2 33.1 99.3





#67

Ethyl Benzene

Concen: 17.29 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

Instrument :

MSVOA_N

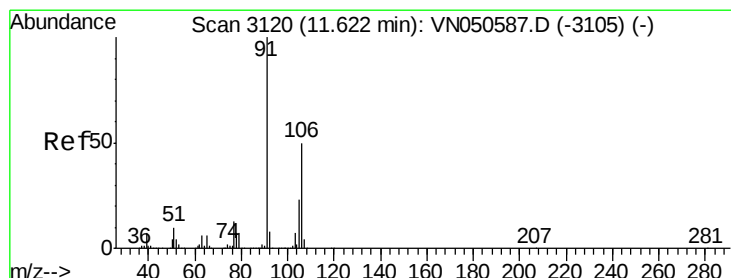
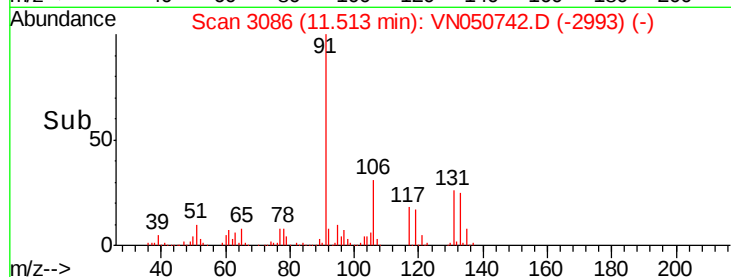
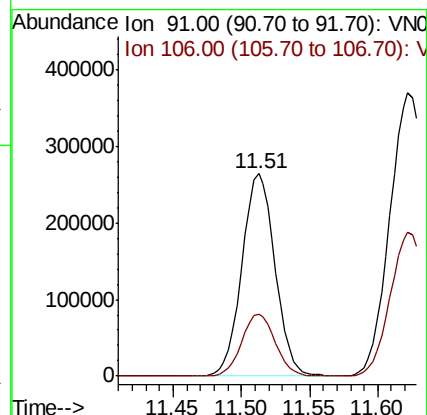
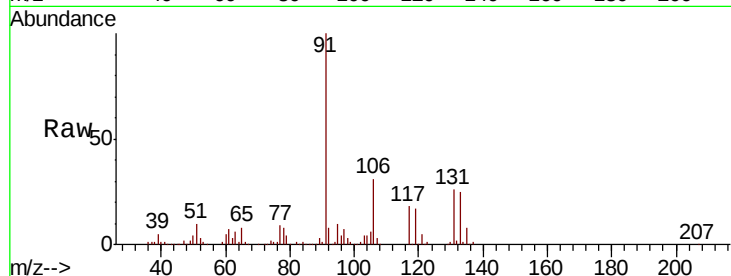
ClientSampleId :

Tot Ion: 91 Resp: 445277

Ion Ratio Lower Upper

91 100

106 30.9 24.8 37.2



#68

m/p-Xylenes

Concen: 36.03 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN050742.D

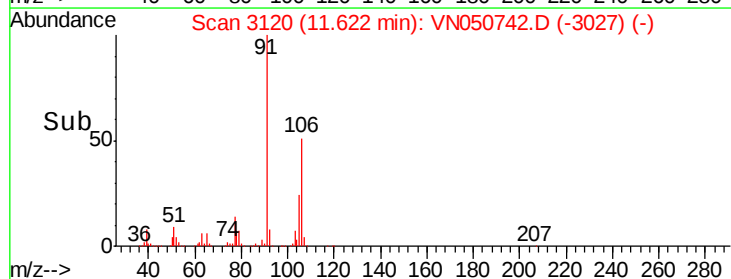
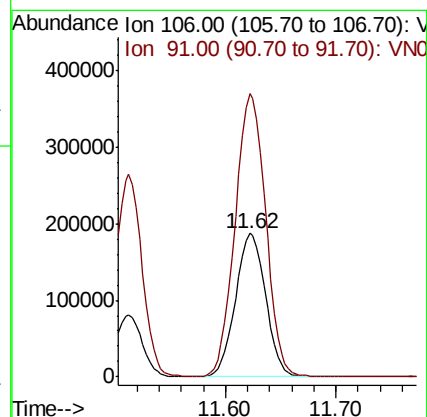
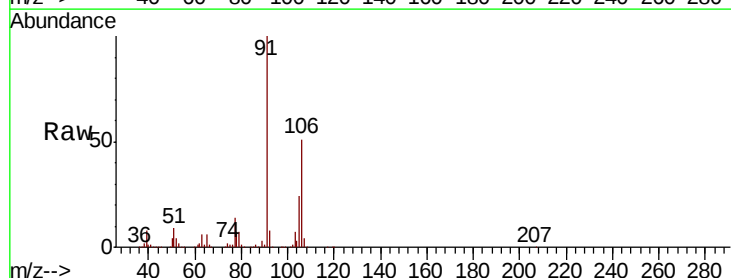
Acq: 18 Aug 2018 1:16

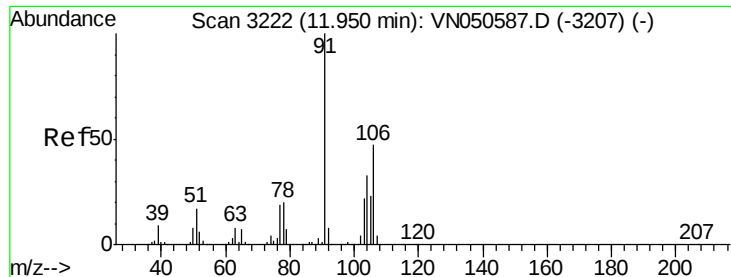
Tgt Ion: 106 Resp: 354848

Ion Ratio Lower Upper

106 100

91 199.9 161.5 242.3

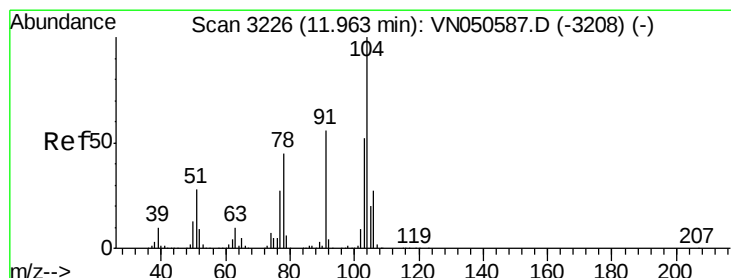
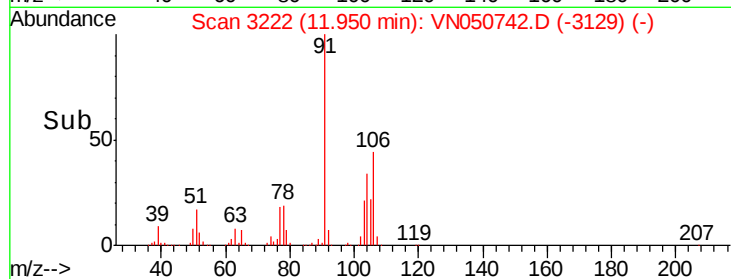
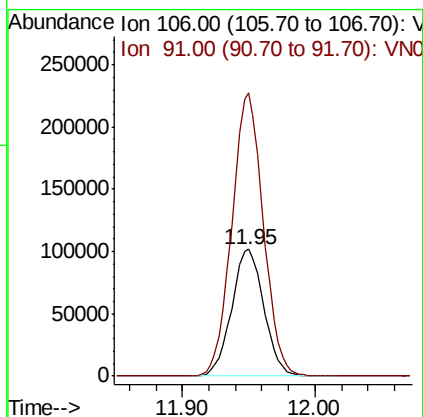
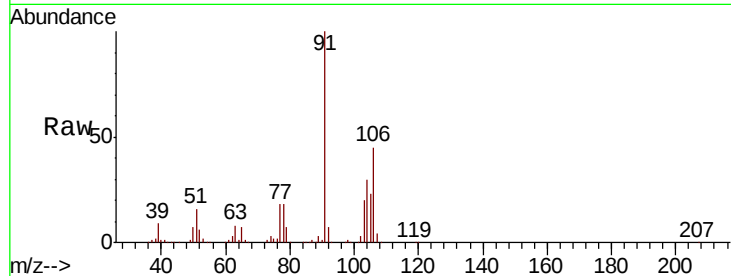




#69
o-Xylene
Concen: 18.28 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

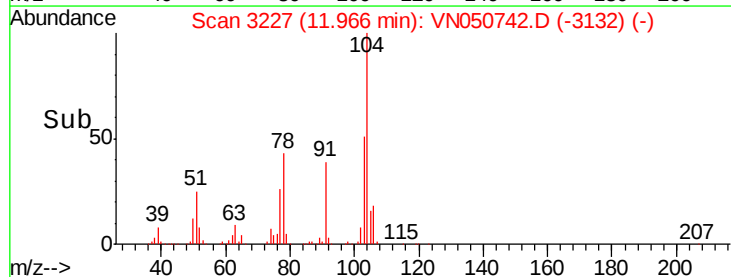
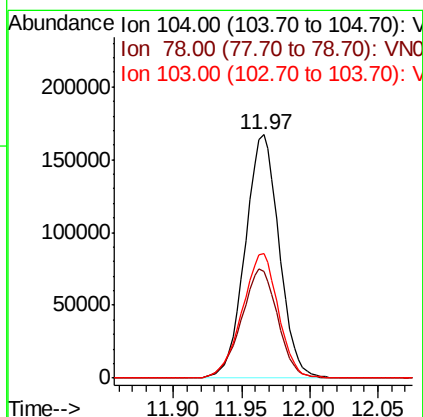
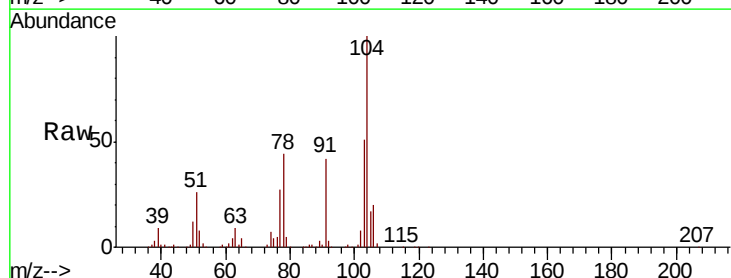
Instrument :
MSVOA_N
ClientSampled :

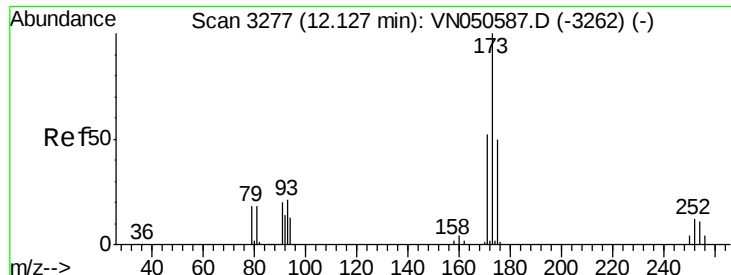
Tot Ion:106 Resp: 171727
Ion Ratio Lower Upper
106 100
91 217.6 106.8 320.4



#70
Styrene
Concen: 17.91 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

Tgt Ion:104 Resp: 288949
Ion Ratio Lower Upper
104 100
78 48.2 39.1 58.7
103 54.8 44.9 67.3

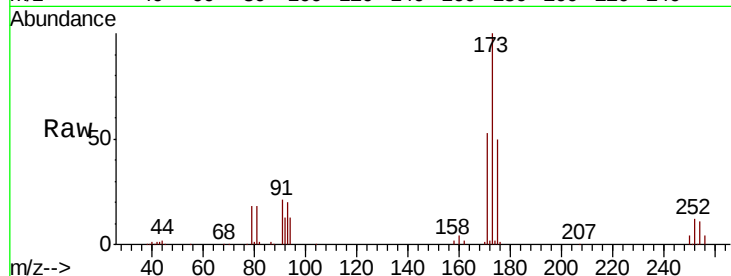




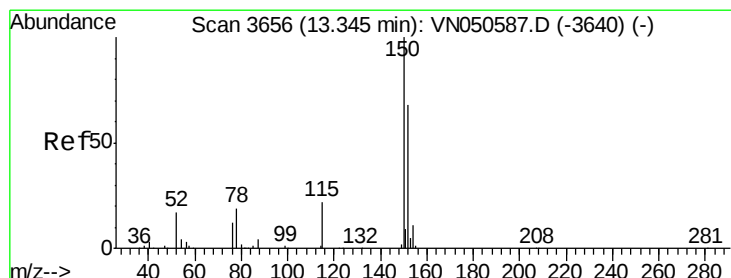
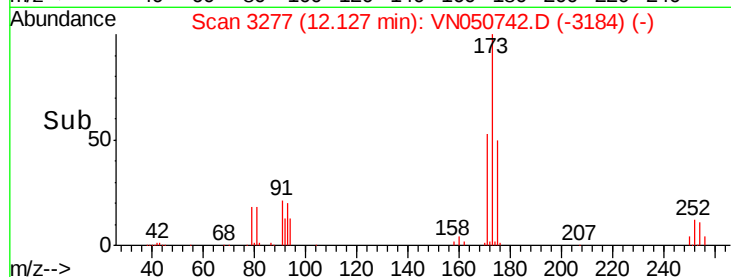
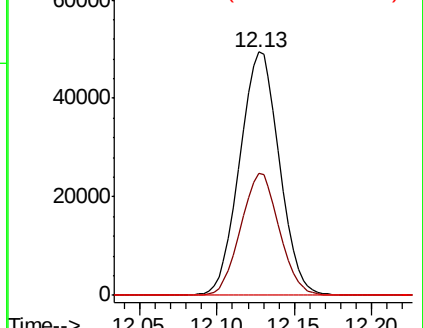
#71
Bromoform
Concen: 22.27 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.4	73.2
254	0.0	0.0	0.0

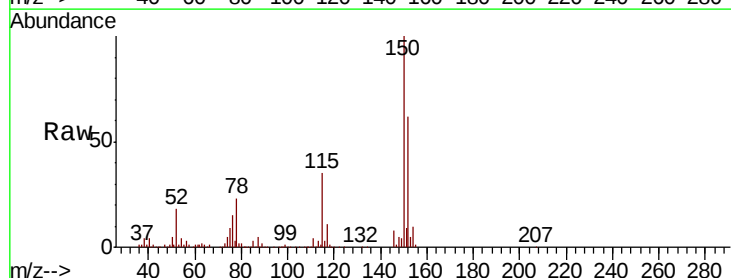


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

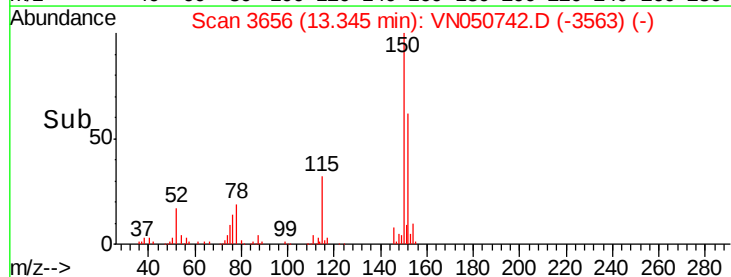
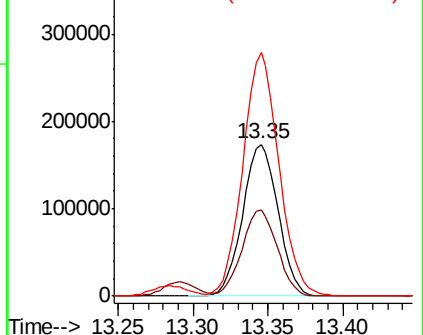


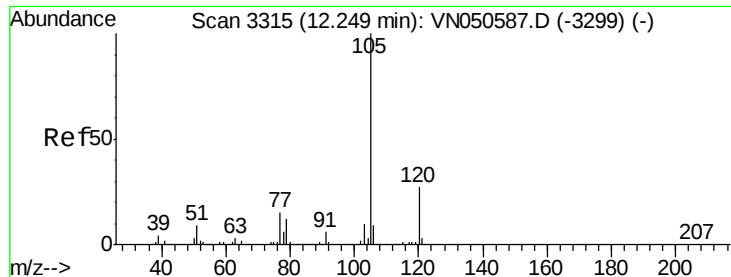
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.1	84.2
150	163.4	0.0	347.8



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: 18.59 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

Instrument :

MSVOA_N

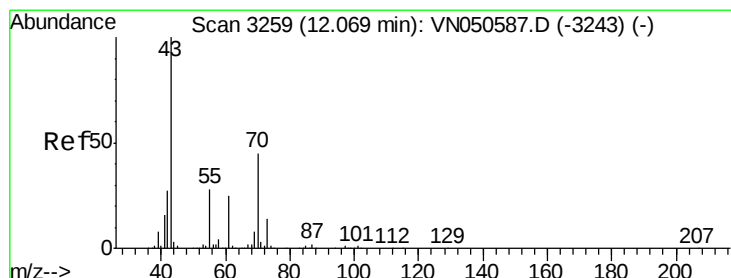
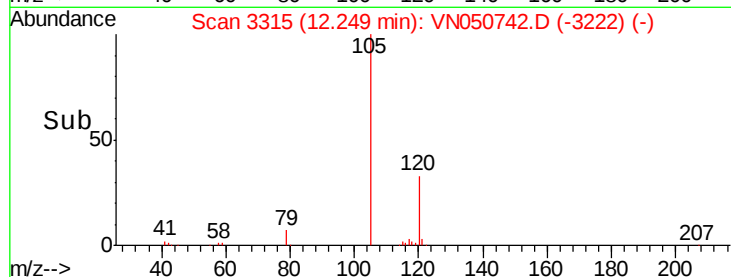
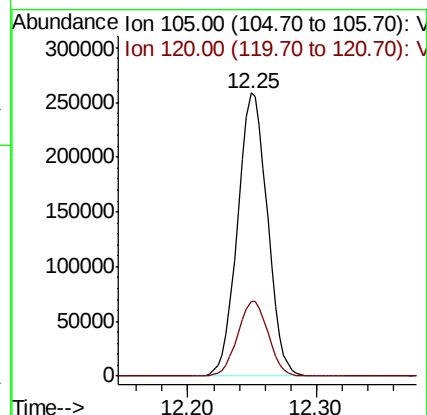
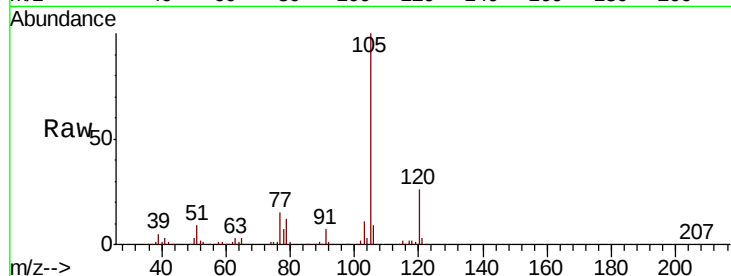
ClientSampled :

Tot Ion:105 Resp: 415948

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.1



#74

N-ethyl acetate

Concen: 23.54 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

Tgt Ion: 43 Resp: 137037

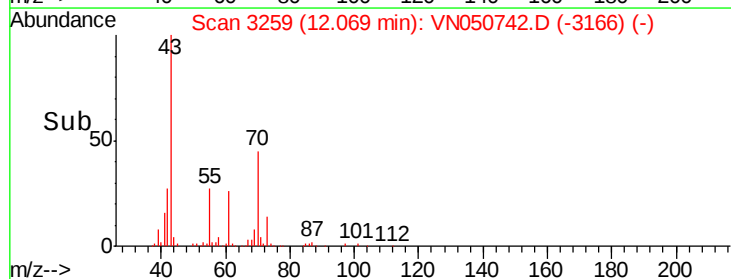
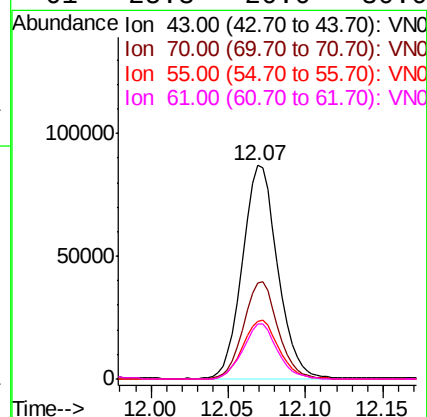
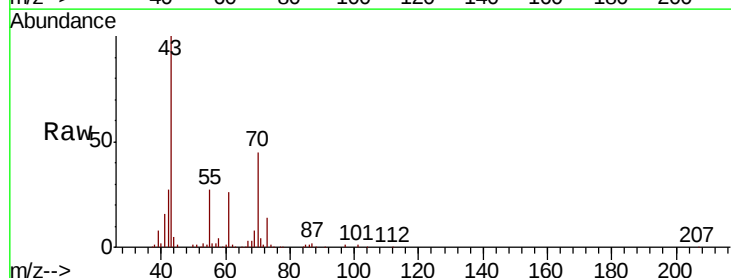
Ion Ratio Lower Upper

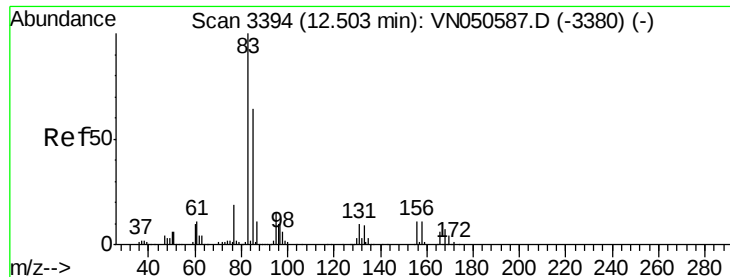
43 100

70 44.8 35.9 53.9

55 28.5 22.2 33.4

61 25.3 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 28.31 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

Instrument :

MSVOA_N

ClientSampleId :

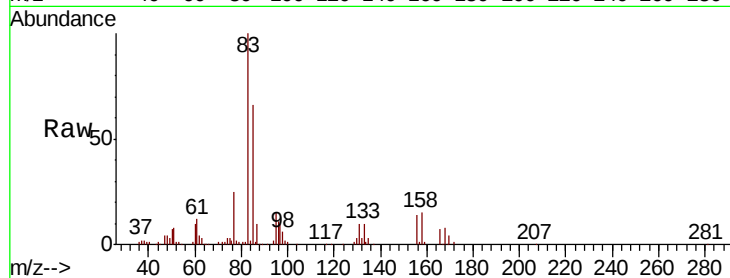
Tot Ion: 83 Resp: 152297

Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.3	15.9
85	64.6	32.1	96.5

83 100

131 10.4 5.3 15.9

85 64.6 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

120000

100000

80000

60000

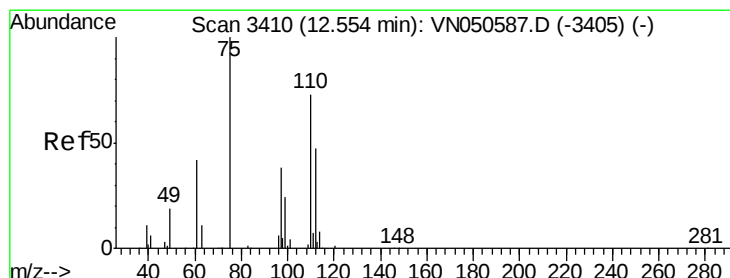
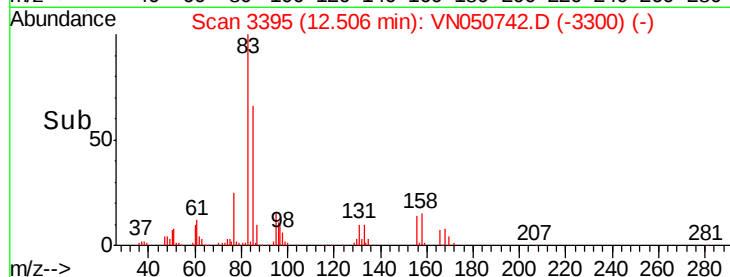
40000

20000

0

12.45 12.50 12.55

Time-->



#76

1,2,3-Trichloropropane

Concen: 35.14 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN050742.D

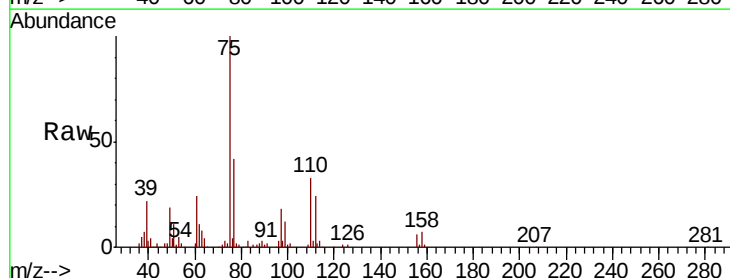
Acq: 18 Aug 2018 1:16

Tgt Ion: 75 Resp: 163987

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

120000

100000

80000

60000

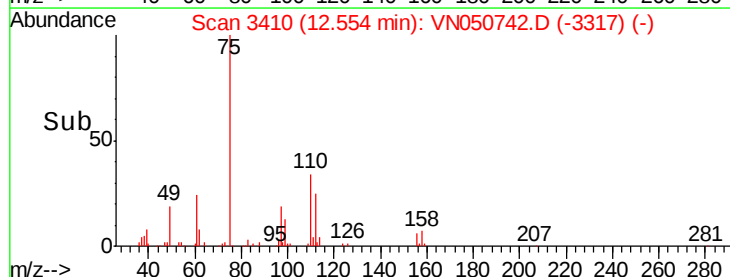
40000

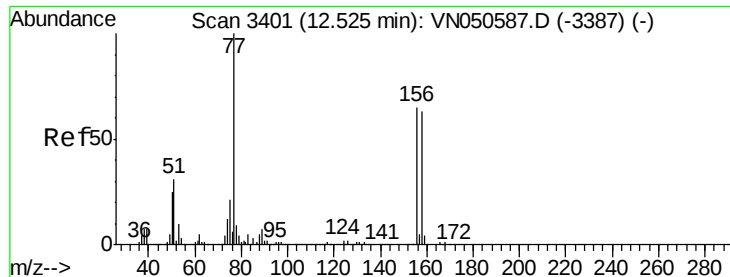
20000

0

12.50 12.55 12.60

Time-->





#77

Bromobenzene

Concen: 21.21 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

Instrument :

MSVOA_N

ClientSampleId :

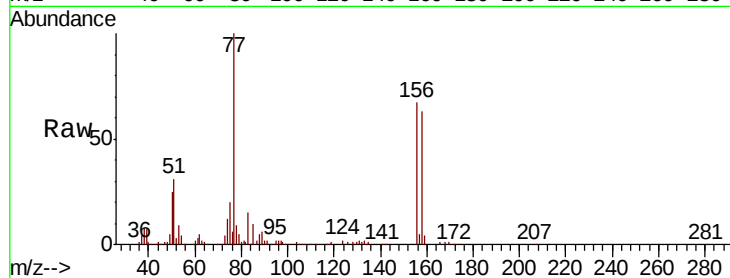
Tot Ion:156 Resp: 128852

Ion Ratio Lower Upper

156 100

77 184.8 89.0 267.1

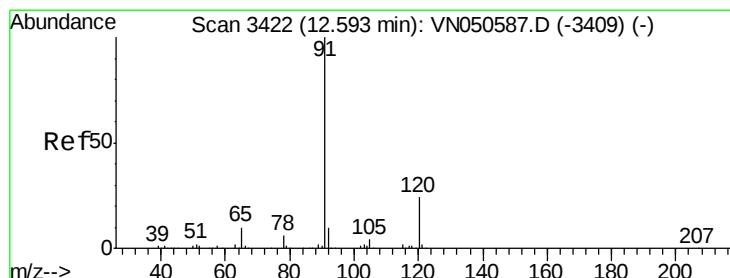
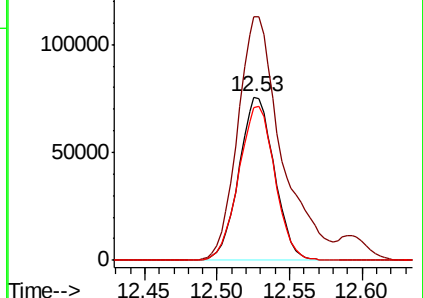
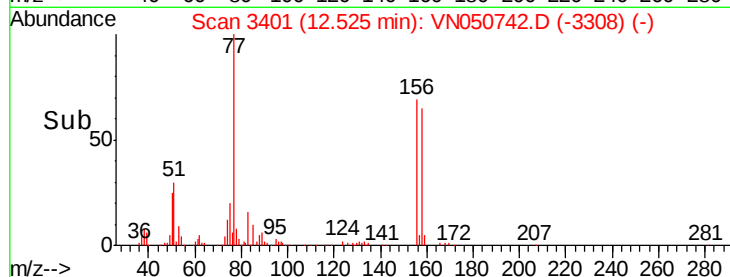
158 96.0 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.22 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050742.D

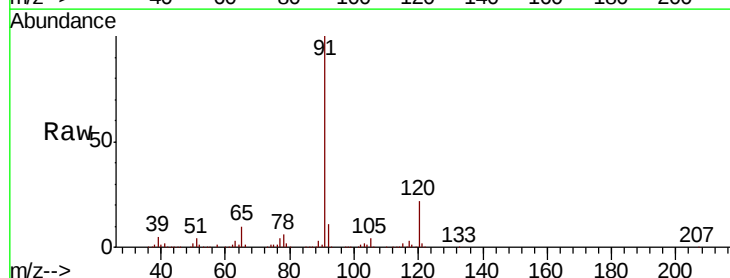
Acq: 18 Aug 2018 1:16

Tgt Ion: 91 Resp: 454521

Ion Ratio Lower Upper

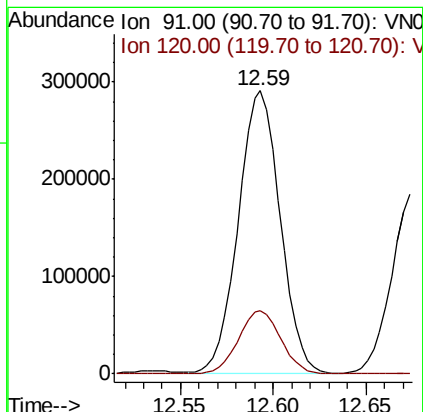
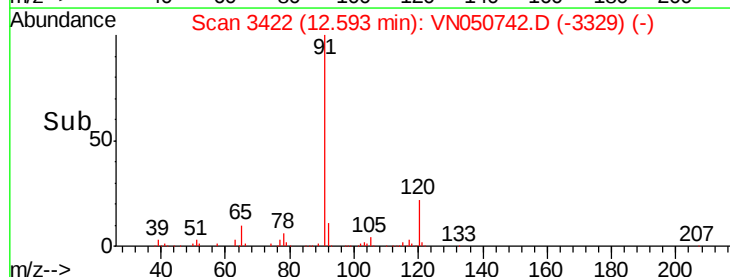
91 100

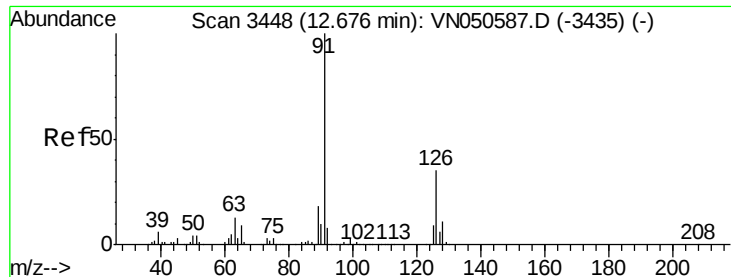
120 22.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.81 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

Instrument :

MSVOA_N

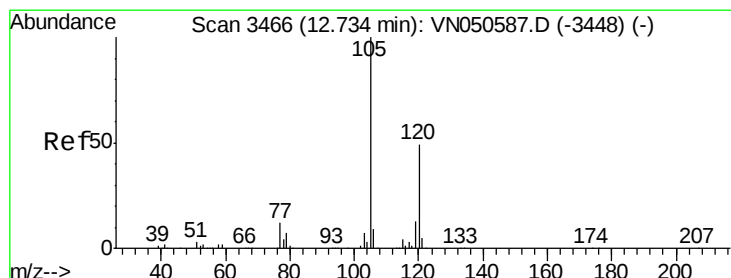
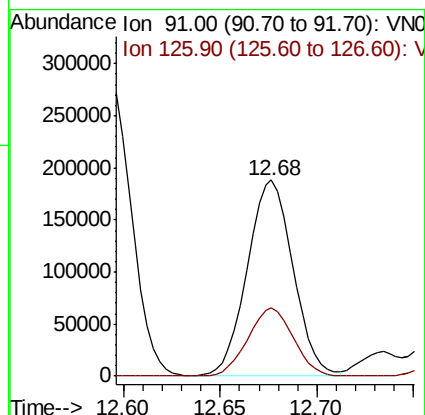
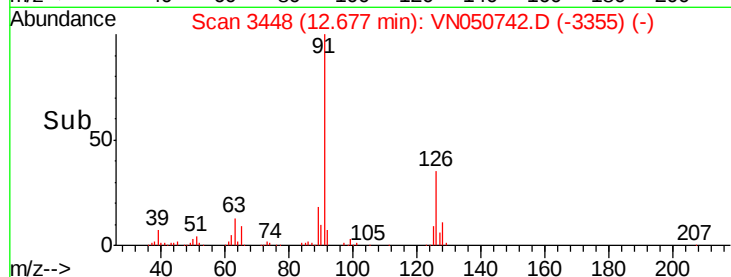
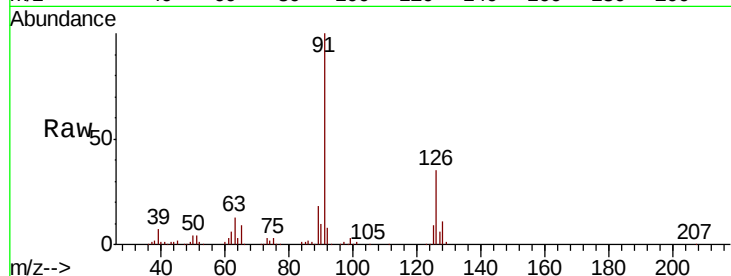
ClientSampled :

Tot Ion: 91 Resp: 308096

Ion Ratio Lower Upper

91 100

126 35.0 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 19.37 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050742.D

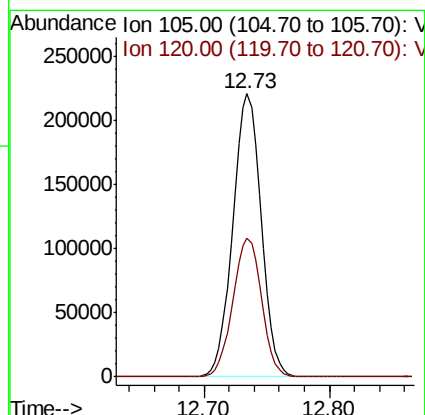
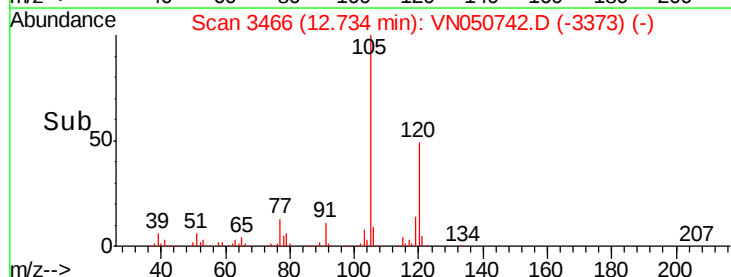
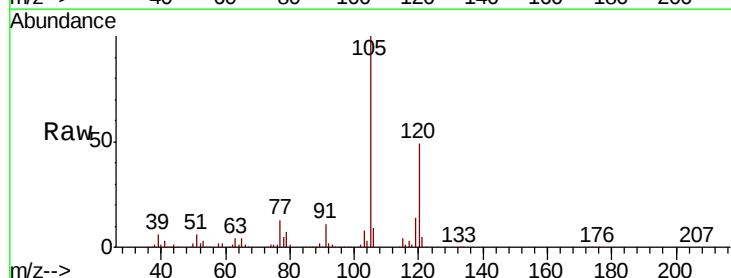
Acq: 18 Aug 2018 1:16

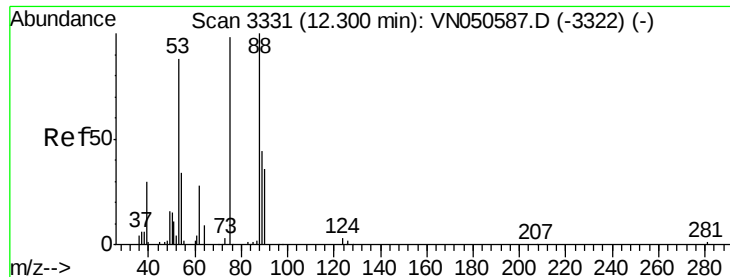
Tgt Ion: 105 Resp: 346899

Ion Ratio Lower Upper

105 100

120 49.5 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 21.61 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

Instrument :

MSVOA_N

ClientSampleId :

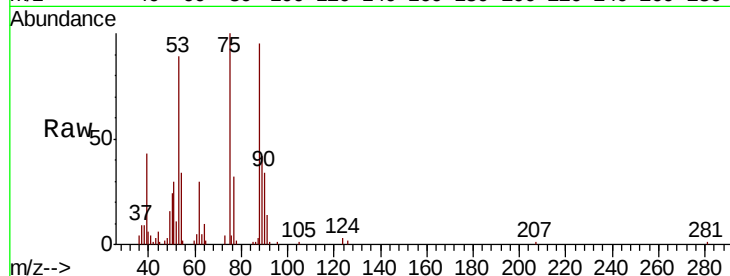
Tot Ion: 75 Resp: 27830

Ion Ratio Lower Upper

75 100

53 92.0 72.2 108.2

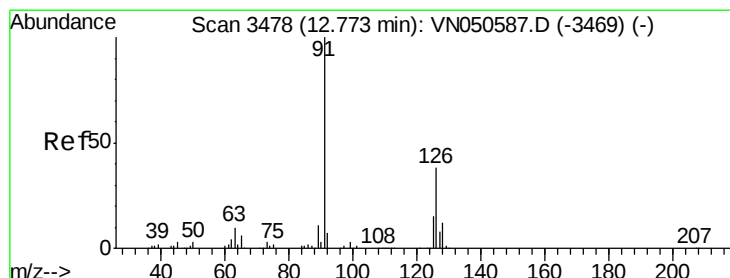
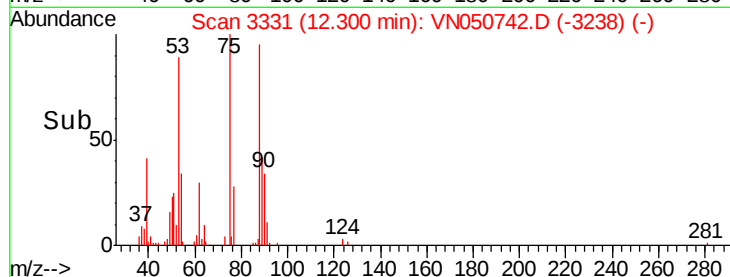
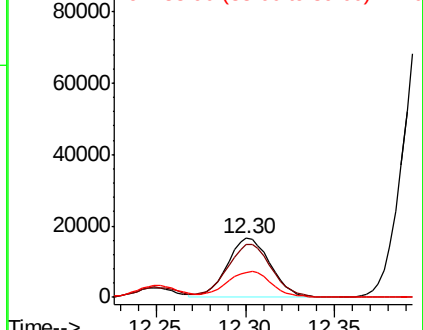
89 45.3 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.64 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN050742.D

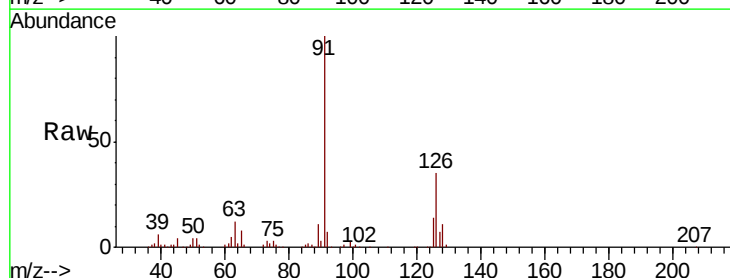
Acq: 18 Aug 2018 1:16

Tgt Ion: 91 Resp: 301862

Ion Ratio Lower Upper

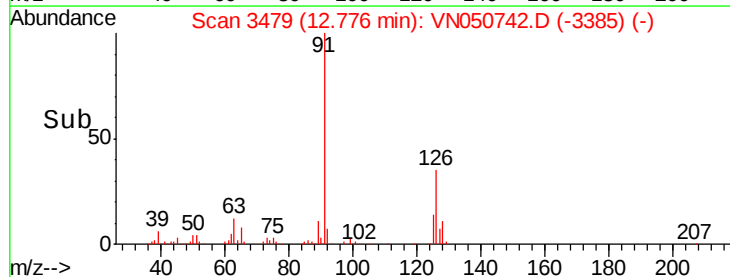
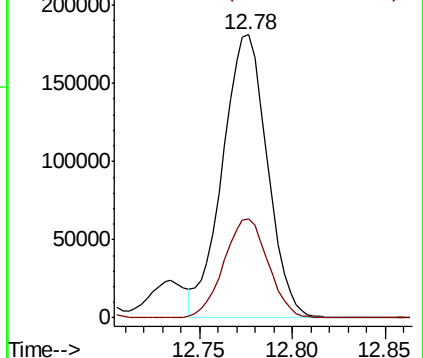
91 100

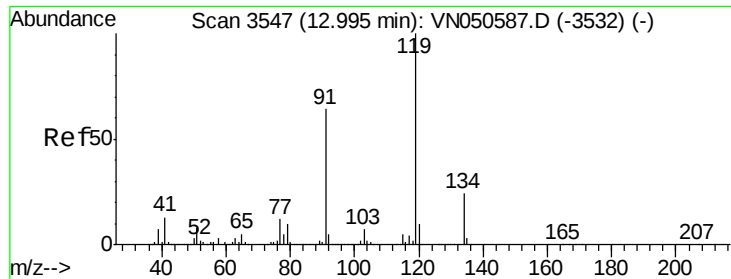
126 34.9 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

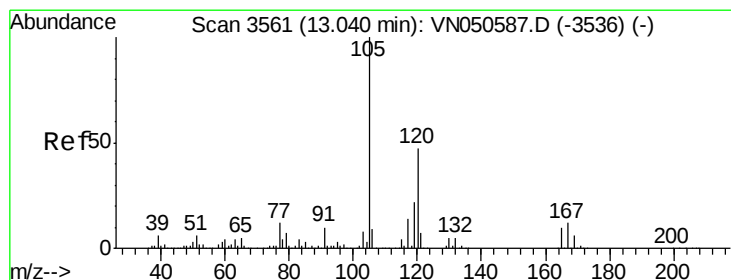
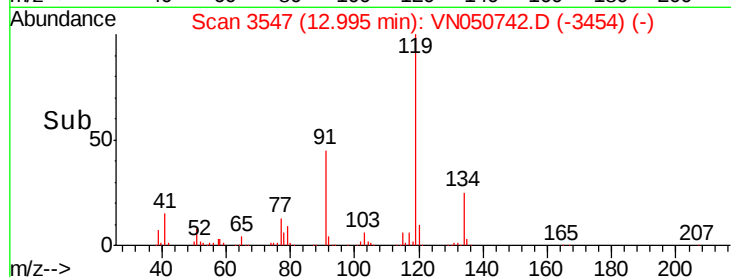
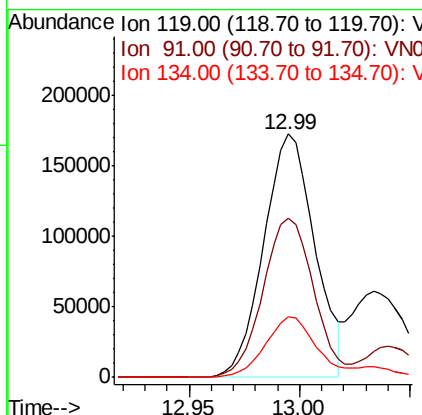
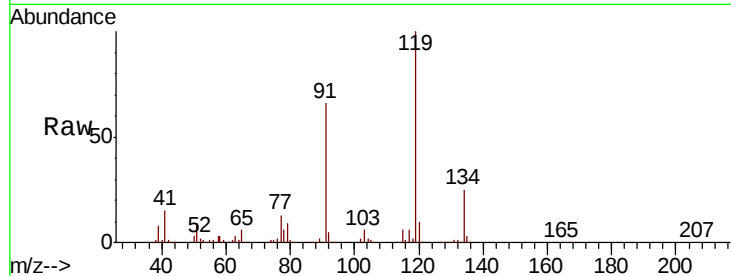




#83
 tert-Butylbenzene
 Concen: 17.80 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

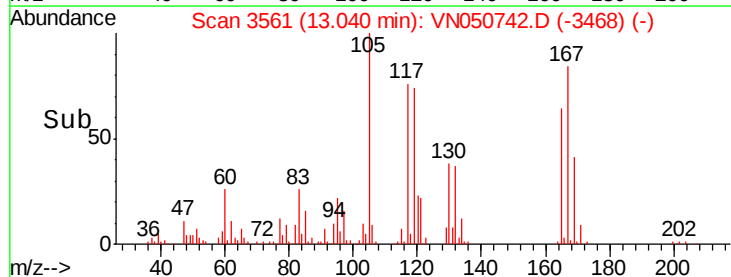
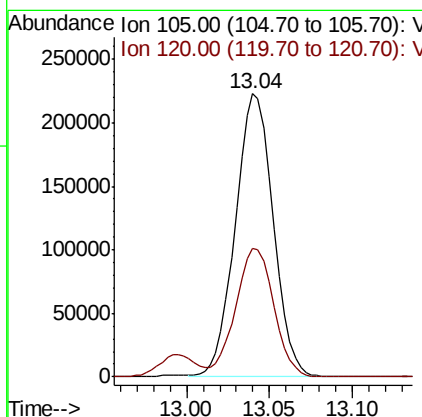
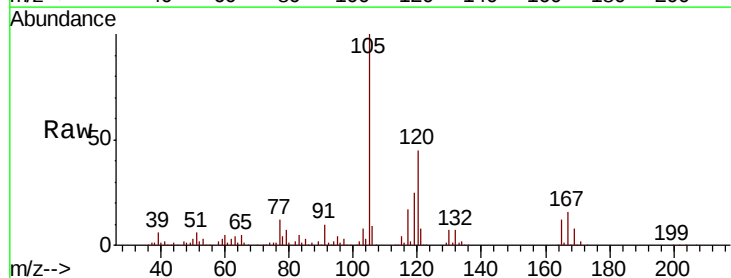
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 276703
 Ion Ratio Lower Upper
 119 100
 91 65.6 32.2 96.6
 134 24.9 13.4 40.2



#84
 1,2,4-Trimethylbenzene
 Concen: 19.60 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

Tgt Ion:105 Resp: 352457
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.2 69.5





#85

sec-Butylbenzene

Concen: 17.87 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

Instrument :

MSVOA_N

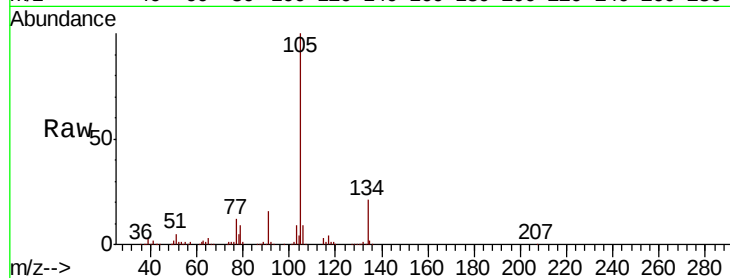
ClientSampled :

Tot Ion:105 Resp: 363073

Ion Ratio Lower Upper

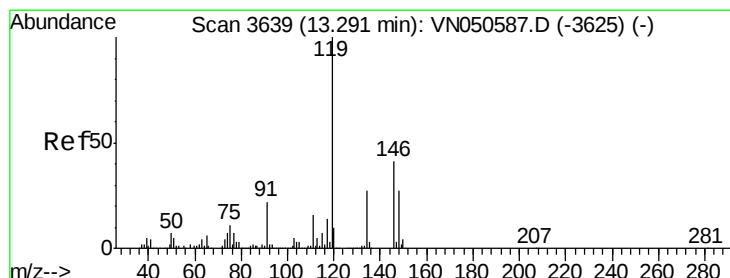
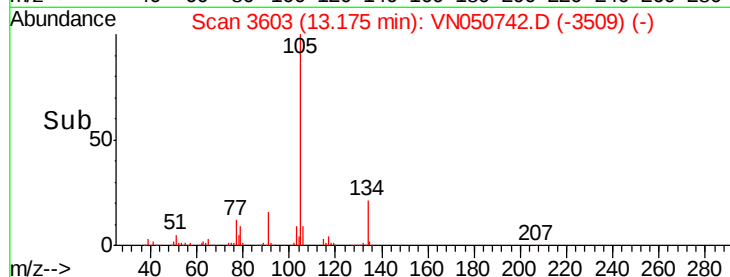
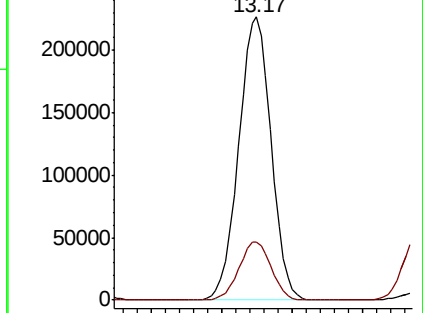
105 100

134 20.6 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.81 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

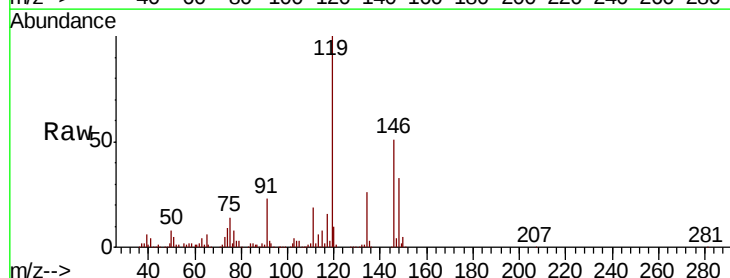
Tgt Ion:119 Resp: 306568

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.4

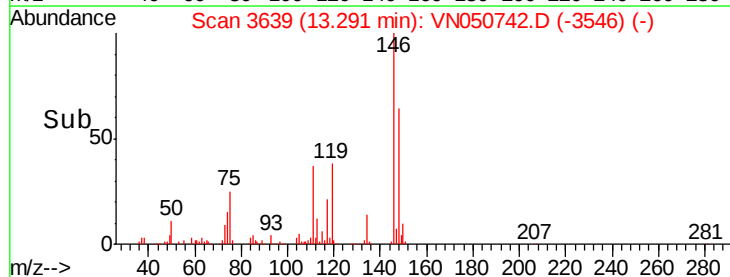
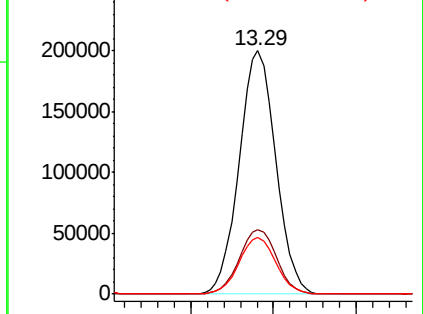
91 23.2 11.2 33.6

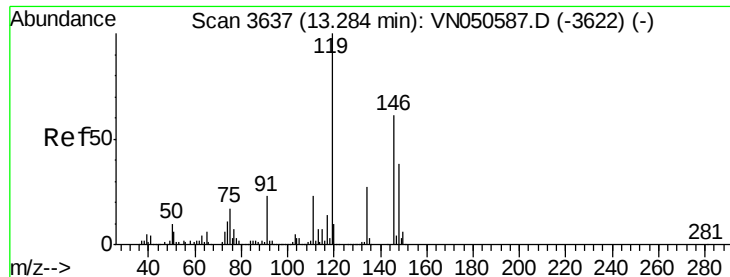


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

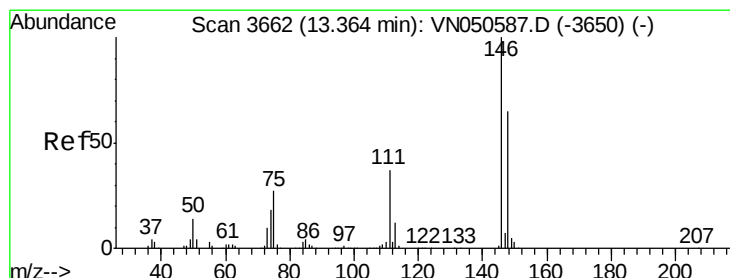
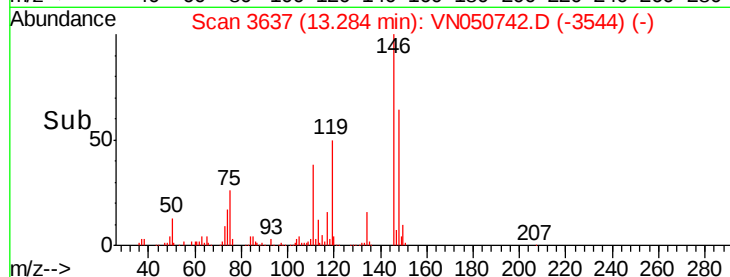
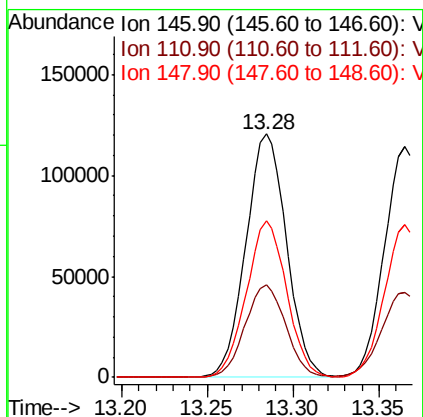
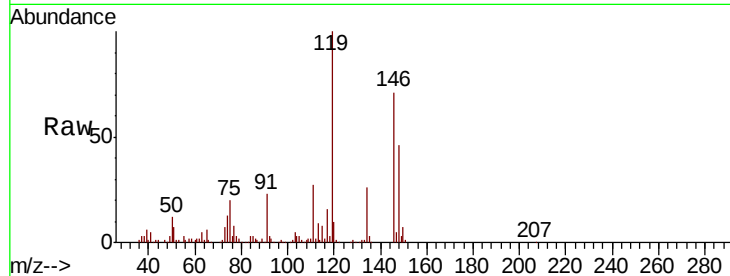




#87
 1,3-Dichlorobenzene
 Concen: 19.20 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

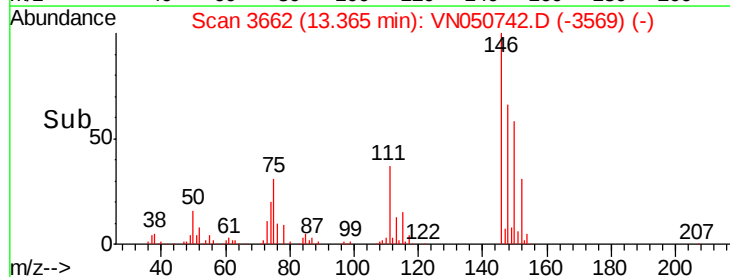
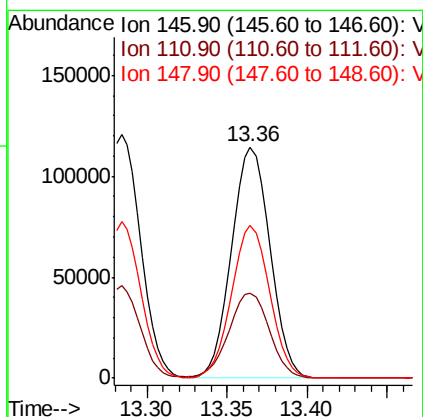
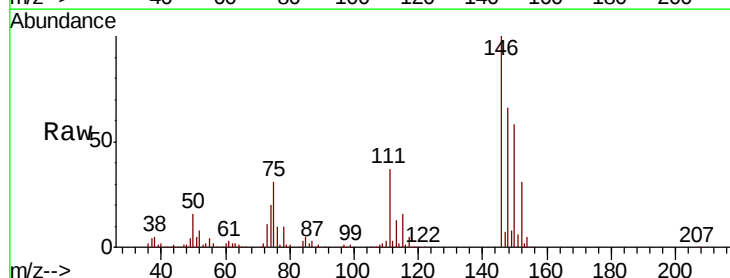
Instrument :
 MSVOA_N
 ClientSampleId :

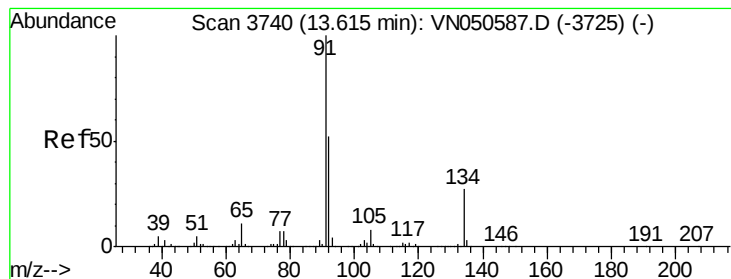
Tot Ion:146 Resp: 198563
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.2 57.6
 148 63.6 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.30 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

Tgt Ion:146 Resp: 187791
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.8 56.4
 148 65.6 32.3 96.8





#89

n-Butylbenzene

Concen: 15.54 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. 0.00 min

Lab File: VN050742.D

Acq: 18 Aug 2018 1:16

Instrument :

MSVOA_N

ClientSampled :

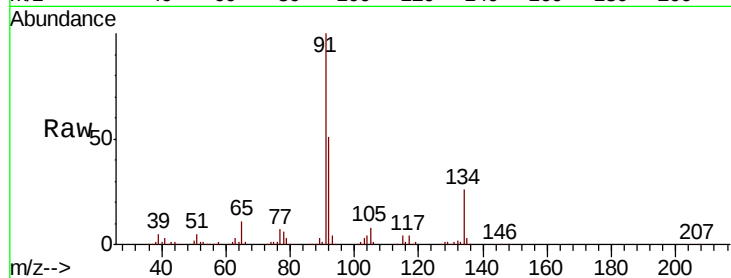
Tot Ion: 91 Resp: 216059

Ion Ratio Lower Upper

91 100

92 50.3 26.3 78.8

134 25.4 13.3 39.9

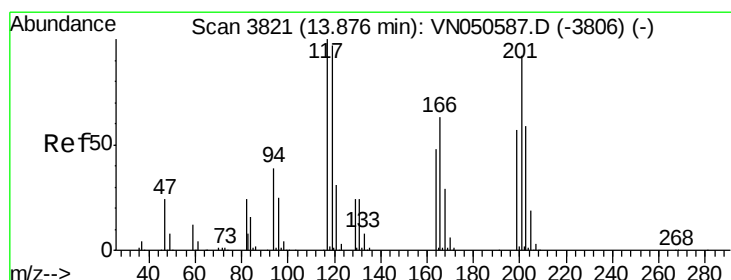
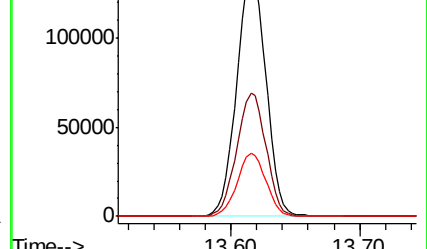
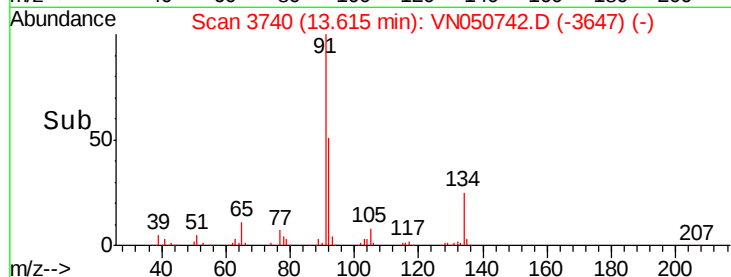


Abundance Ion 91.00 (90.70 to 91.70): VN050587.D (-3725) (-)

Ion 92.00 (91.70 to 92.70): VN050587.D (-3725) (-)

Ion 134.00 (133.70 to 134.70): VN050587.D (-3725) (-)

Time-->



#90

Hexachloroethane

Concen: 17.12 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN050742.D

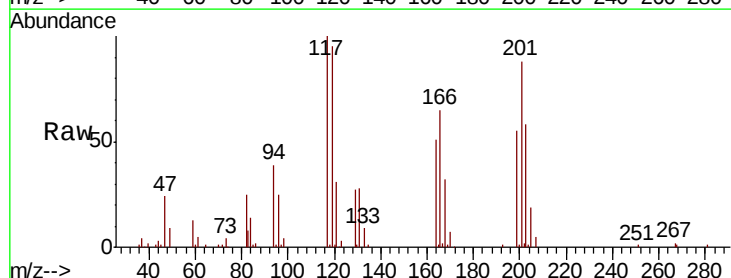
Acq: 18 Aug 2018 1:16

Tgt Ion: 117 Resp: 59279

Ion Ratio Lower Upper

117 100

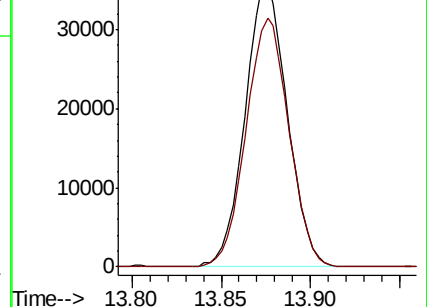
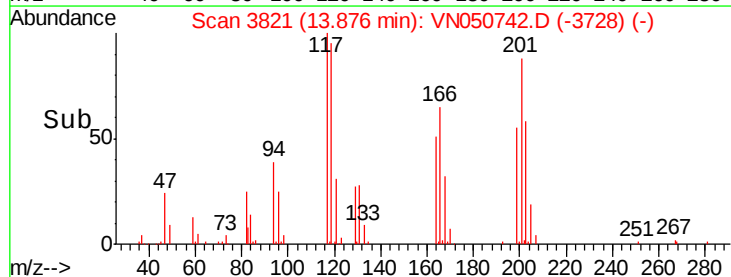
201 89.1 45.5 136.5

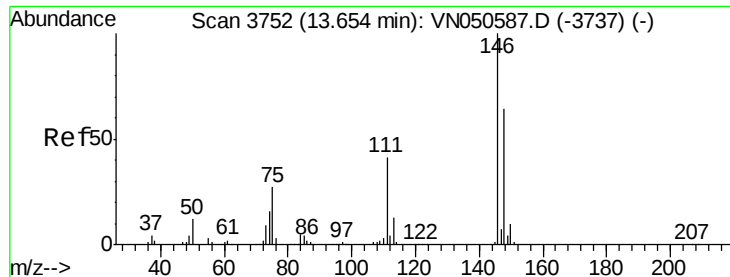


Abundance Ion 116.80 (116.50 to 117.50): VN050587.D (-3806) (-)

Ion 200.70 (200.40 to 201.40): VN050587.D (-3806) (-)

Time-->

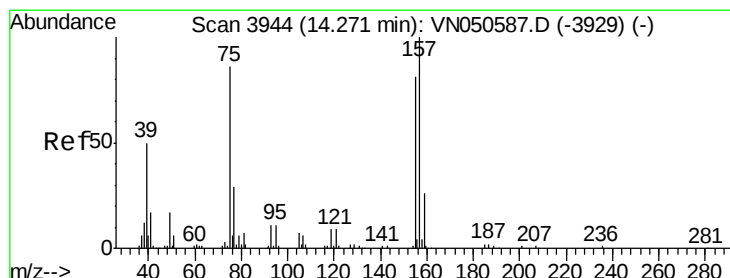
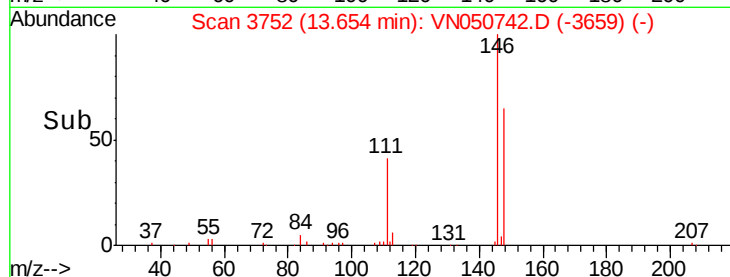
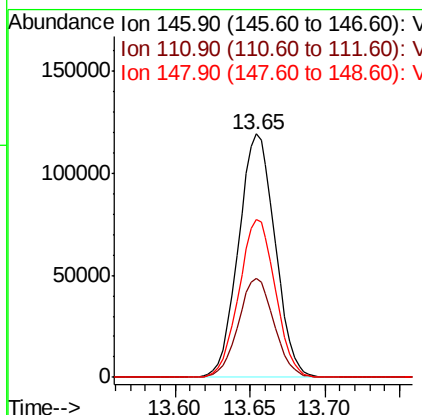
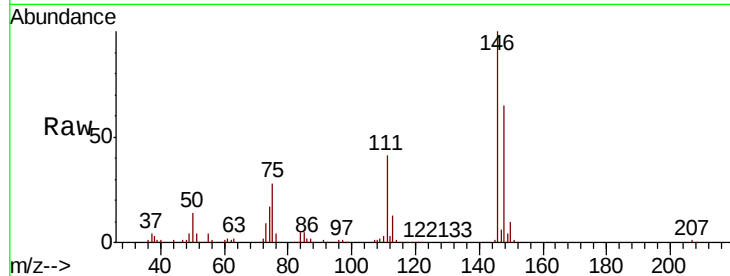




#91
 1,2-Dichlorobenzene
 Concen: 20.05 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

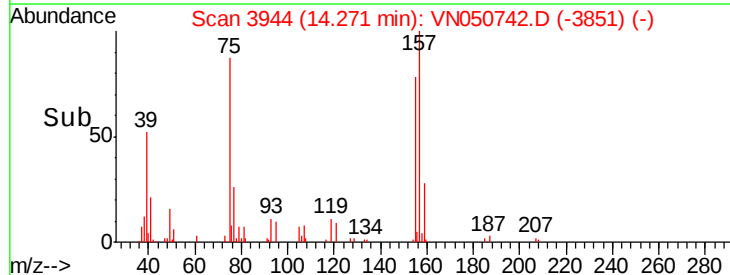
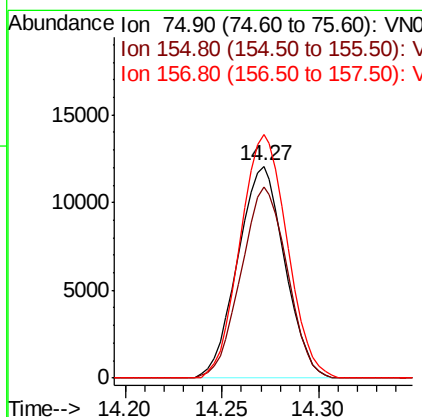
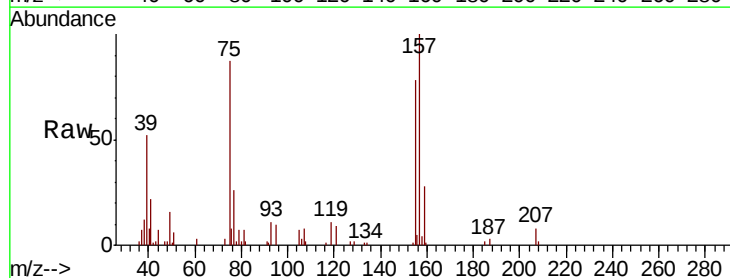
Instrument :
 MSVOA_N
 ClientSampleId :

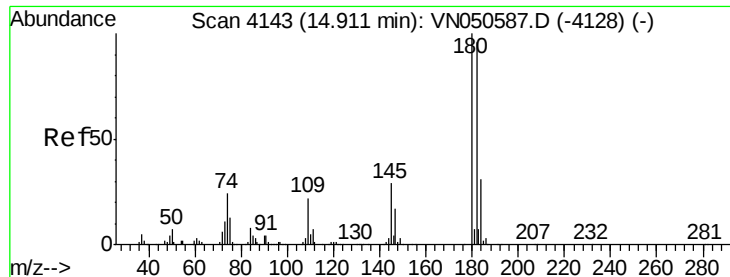
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.8	59.4
148	64.7	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 25.58 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.5	46.6	139.8
157	114.8	58.1	174.2

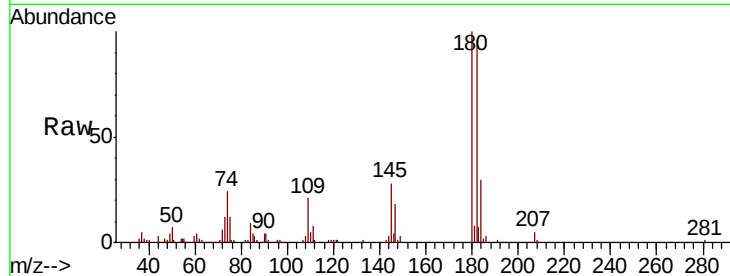




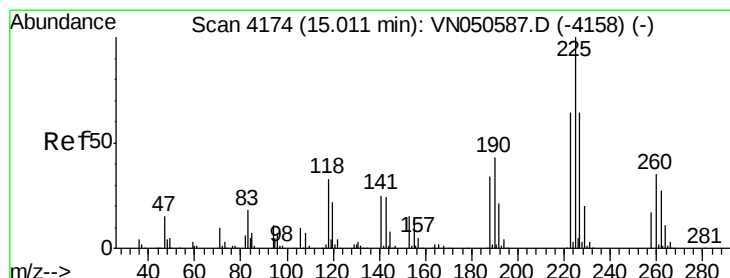
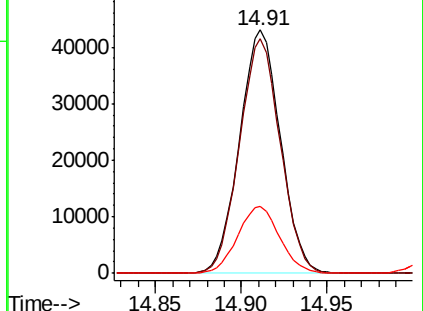
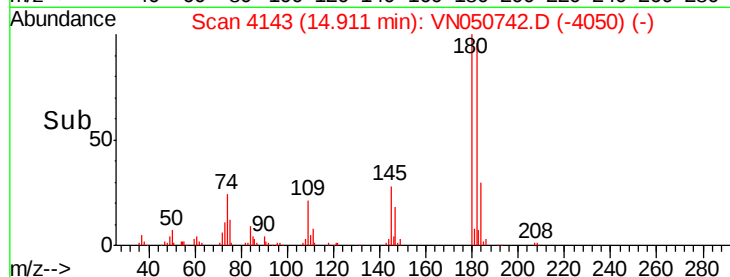
#93
 1,2,4-Trichlorobenzene
 Concen: 15.64 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.9	143.7
145	28.1	14.4	43.4

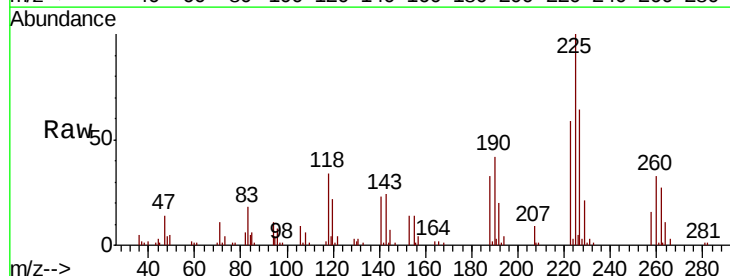


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

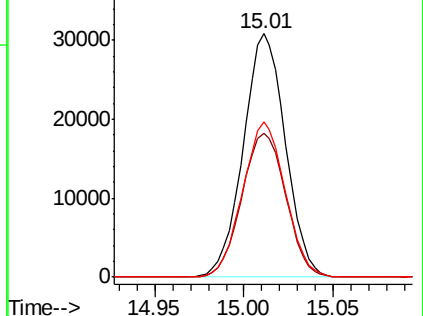
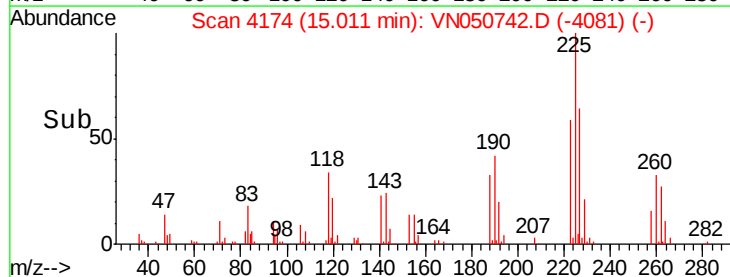


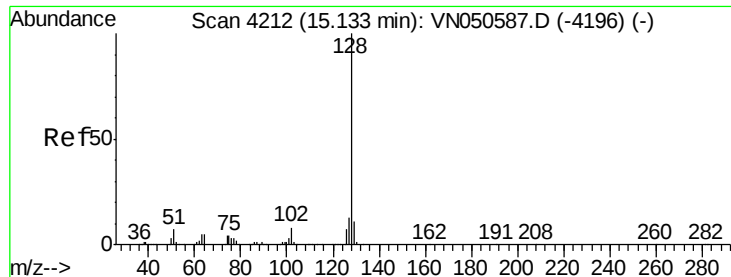
#94
 Hexachlorobutadiene
 Concen: 16.43 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. 0.00 min
 Lab File: VN050742.D
 Acq: 18 Aug 2018 1:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	32.1	96.3
227	64.3	32.0	96.2



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

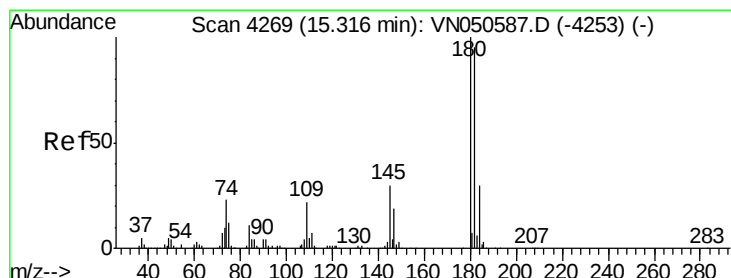
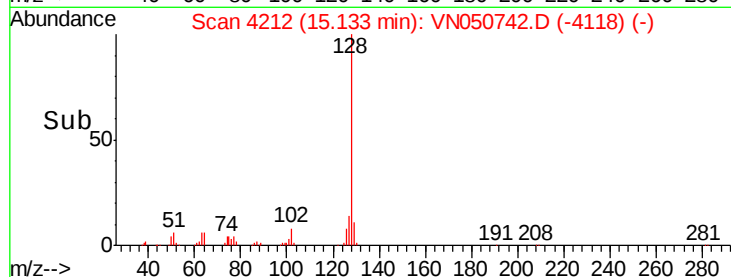
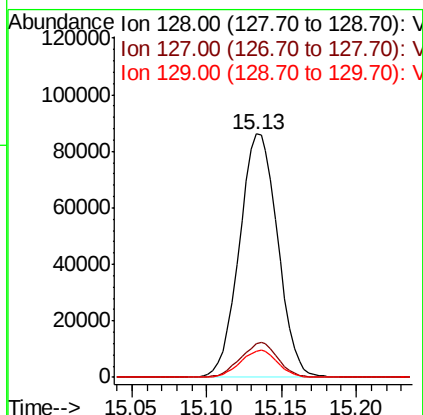
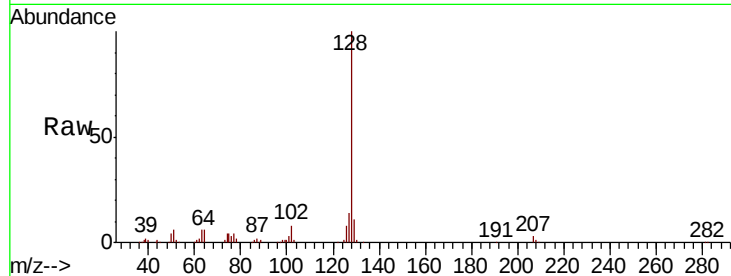




#95
Naphthalene
Concen: 16.71 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 153331
Ion Ratio Lower Upper
128 100
127 13.8 10.3 15.5
129 10.8 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 17.21 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN050742.D
Acq: 18 Aug 2018 1:16

Tgt Ion:180 Resp: 76817
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.8
145 30.4 14.6 44.0

