

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
 Data File : VN050796.D
 Acq On : 21 Aug 2018 21:47
 Operator : MD\SY
 Sample : VN0821WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD02

Quant Time: Aug 22 06:44:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	607899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	877058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	798570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	386351	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	383808	52.45	ug/l	0.00
Spiked Amount			Recovery	=	104.90%	
35) Dibromofluoromethane	7.59	113	365835	52.43	ug/l	0.00
Spiked Amount			Recovery	=	104.86%	
50) Toluene-d8	10.09	98	1363453	52.27	ug/l	0.00
Spiked Amount			Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.40	95	431791	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	184306	22.655	ug/l	99
3) Chloromethane	2.06	50	200935	20.025	ug/l	99
4) Vinyl Chloride	2.18	62	196003	20.621	ug/l	99
5) Bromomethane	2.57	94	109070	19.539	ug/l	97
6) Chloroethane	2.70	64	110525	20.125	ug/l	99
7) Trichlorofluoromethane	3.01	101	252348	20.733	ug/l	98
8) Diethyl Ether	3.41	74	83225	20.109	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	153761	20.220	ug/l	99
10) Methyl Iodide	3.95	142	122798	22.408	ug/l	99
11) Tert butyl alcohol	4.79	59	46169	99.072	ug/l	100
12) 1,1-Dichloroethene	3.74	96	138346	20.263	ug/l	97
13) Acrolein	3.61	56	24968	103.090	ug/l	98
14) Allyl chloride	4.33	41	207214	19.477	ug/l	99
15) Acrylonitrile	4.99	53	231633	97.804	ug/l	99
16) Acetone	3.82	43	165682	91.116	ug/l	99
17) Carbon Disulfide	4.05	76	440532	19.247	ug/l	99
18) Methyl Acetate	4.33	43	131002	18.957	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	351301	20.456	ug/l	100
20) Methylene Chloride	4.55	84	160769	19.492	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	151162	20.470	ug/l	99
22) Diisopropyl ether	5.96	45	450657	21.255	ug/l	98
23) Vinyl Acetate	5.90	43	1375589	100.744	ug/l	100
24) 1,1-Dichloroethane	5.85	63	274211	20.145	ug/l	100
25) 2-Butanone	6.84	43	246716	83.655	ug/l	98
26) 2,2-Dichloropropane	6.83	77	187997	17.188	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	161389	20.272	ug/l	99
28) Bromochloromethane	7.20	49	116096	20.072	ug/l	100
29) Tetrahydrofuran	7.22	42	172400	101.957	ug/l	100
30) Chloroform	7.37	83	276474	20.511	ug/l	99
31) Cyclohexane	7.66	56	245099	20.091	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	234150	20.224	ug/l	100
36) 1,1-Dichloropropene	7.79	75	212134	20.497	ug/l	99
37) Ethyl Acetate	6.93	43	118167	19.876	ug/l	99
38) Carbon Tetrachloride	7.78	117	208123	19.894	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
 Data File : VN050796.D
 Acq On : 21 Aug 2018 21:47
 Operator : MD\SY
 Sample : VN0821WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD02

Quant Time: Aug 22 06:44:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	215120	19.212	ug/l	98
40) Benzene	8.04	78	639496	20.491	ug/l	100
41) Methacrylonitrile	7.18	41	51837	16.111	ug/l	91
42) 1,2-Dichloroethane	8.13	62	190863	20.455	ug/l	100
43) Isopropyl Acetate	8.17	43	204371	19.993	ug/l	99
44) Trichloroethene	8.84	130	167830	20.390	ug/l	99
45) 1,2-Dichloropropane	9.12	63	165937	20.230	ug/l	99
46) Dibromomethane	9.21	93	97250	20.178	ug/l	100
47) Bromodichloromethane	9.40	83	205471	20.355	ug/l	97
48) Methyl methacrylate	9.20	41	105992	20.346	ug/l	97
49) 1,4-Dioxane	9.20	88	29203	411.208	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	579333	94.973	ug/l	100
52) Toluene	10.16	92	384617	20.804	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	191996	19.109	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	226568	19.692	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	139224	20.289	ug/l	99
56) Ethyl methacrylate	10.43	69	152656	18.648	ug/l	98
57) 1,3-Dichloropropane	10.71	76	228975	20.216	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	333868	93.746	ug/l	100
59) 2-Hexanone	10.75	43	364492	89.756	ug/l	100
60) Dibromochloromethane	10.90	129	151630	19.736	ug/l	99
61) 1,2-Dibromoethane	11.01	107	131257	19.782	ug/l	99
64) Tetrachloroethene	10.63	164	152646	20.125	ug/l	99
65) Chlorobenzene	11.44	112	412470	19.761	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	154881	20.280	ug/l	99
67) Ethyl Benzene	11.51	91	685270	20.194	ug/l	100
68) m/p-Xylenes	11.62	106	541127	42.012	ug/l	99
69) o-Xylene	11.95	106	253191	20.447	ug/l	99
70) Styrene	11.97	104	401731	19.212	ug/l	99
71) Bromoform	12.13	173	101781	19.380	ug/l #	97
73) Isopropylbenzene	12.25	105	670713	20.966	ug/l	100
74) N-amyl acetate	12.07	43	159161	19.801	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	169686	21.309	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	190236	28.113	ug/l #	100
77) Bromobenzene	12.53	156	173668	19.975	ug/l	100
78) n-propylbenzene	12.59	91	747617	20.920	ug/l	99
79) 2-Chlorotoluene	12.68	91	466468	20.955	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	553677	21.449	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	35410	17.690	ug/l	93
82) 4-Chlorotoluene	12.77	91	456402	20.768	ug/l	99
83) tert-Butylbenzene	12.99	119	465531	20.824	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	558360	21.504	ug/l	99
85) sec-Butylbenzene	13.17	105	621215	21.206	ug/l	99
86) p-Isopropyltoluene	13.29	119	527086	21.116	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	297772	20.182	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	285575	19.666	ug/l	100
89) n-Butylbenzene	13.62	91	382573	19.164	ug/l	99
90) Hexachloroethane	13.88	117	97016	20.503	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	290544	20.411	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22893	19.926	ug/l	94

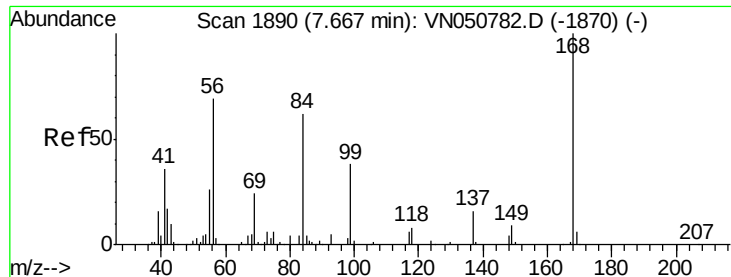
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
Data File : VN050796.D
Acq On : 21 Aug 2018 21:47
Operator : MD\SY
Sample : VN0821WBSD02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD02

Quant Time: Aug 22 06:44:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	112868	18.080	ug/l	99
94) Hexachlorobutadiene	15.01	225	89329	20.510	ug/l	98
95) Naphthalene	15.13	128	209561	17.510	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	114171	18.659	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

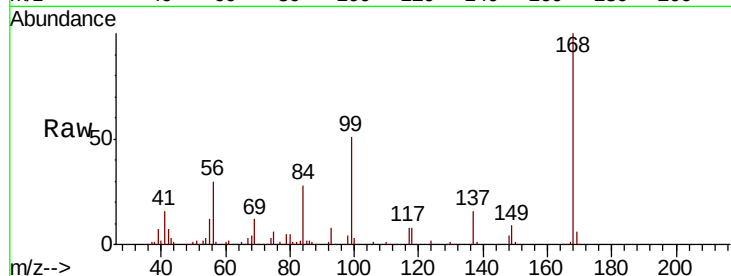
VN0821WBSD02

Tot Ion:168 Resp: 607899

Ion Ratio Lower Upper

168 100

99 50.6 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

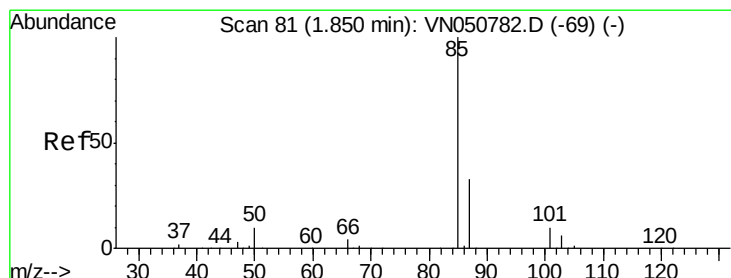
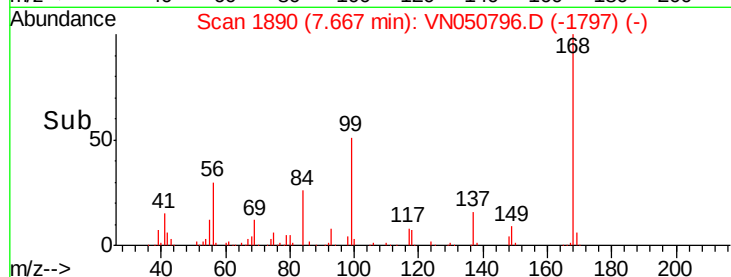
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.655 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN050796.D

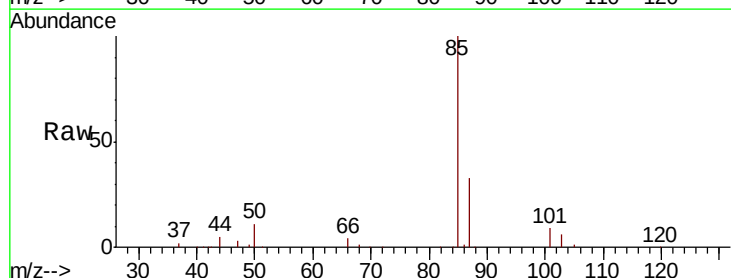
Acq: 21 Aug 2018 21:47

Tgt Ion: 85 Resp: 184306

Ion Ratio Lower Upper

85 100

87 33.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

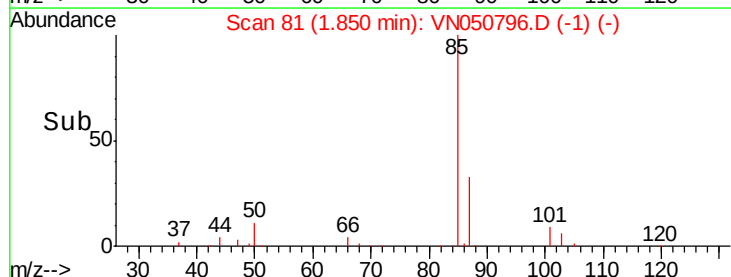
150000

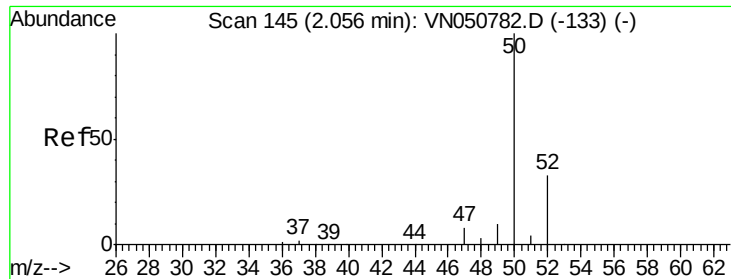
100000

50000

0

Time-->

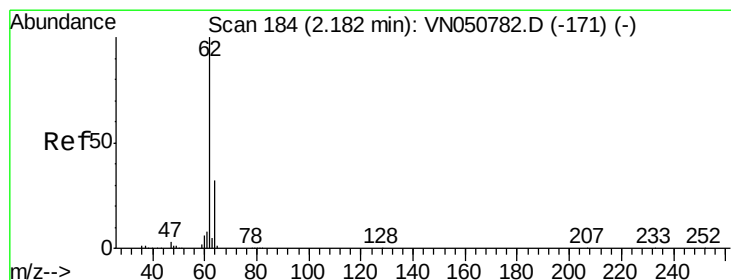
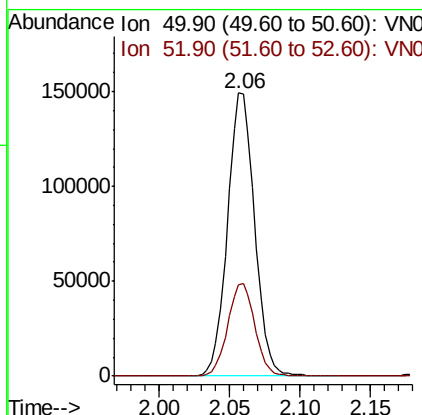
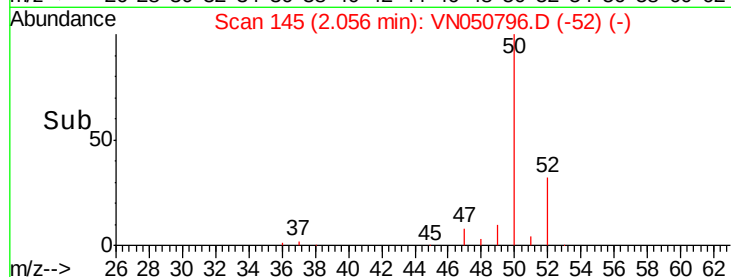
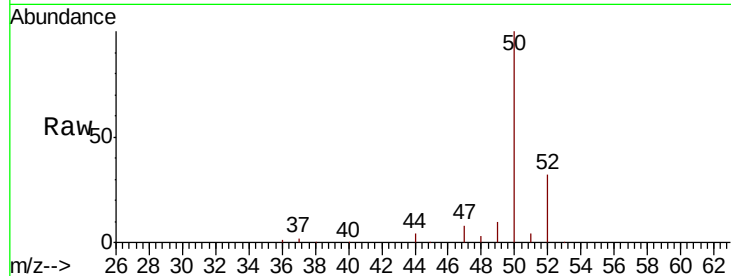




#3
Chloromethane
Concen: 20.025 ug/l
RT: 2.06 min Scan# 145
Delta R.T. -0.00 min
Lab File: VN050796.D
Acq: 21 Aug 2018 21:47

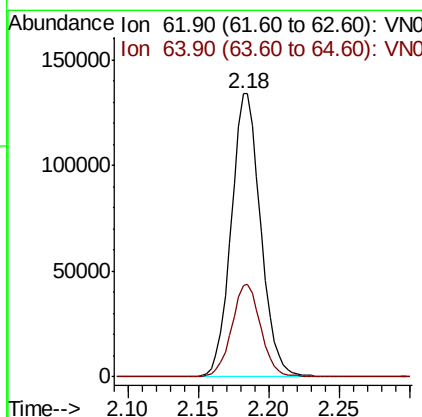
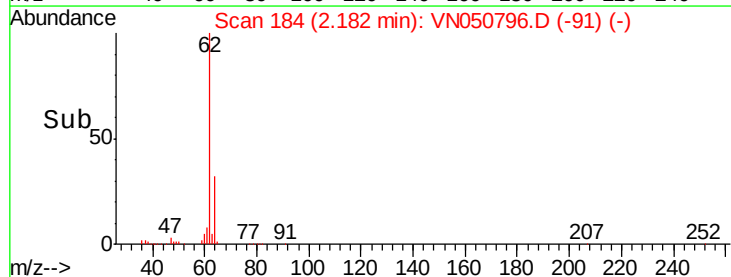
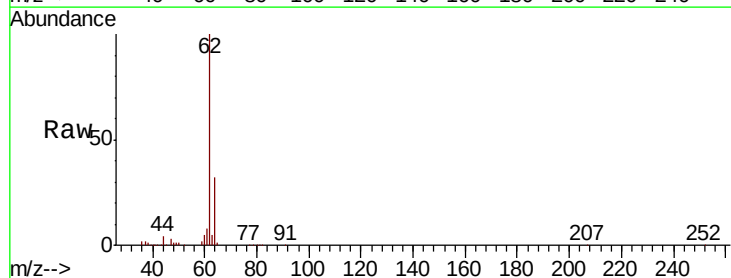
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD02

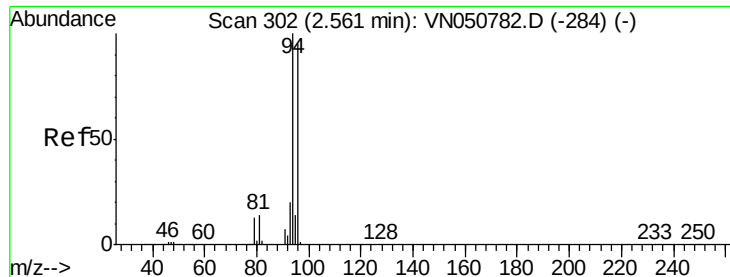
Tot Ion: 50 Resp: 200935
Ion Ratio Lower Upper
50 100
52 32.4 26.3 39.5



#4
Vinyl Chloride
Concen: 20.621 ug/l
RT: 2.18 min Scan# 184
Delta R.T. -0.00 min
Lab File: VN050796.D
Acq: 21 Aug 2018 21:47

Tgt Ion: 62 Resp: 196003
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.2





#5

Bromomethane

Concen: 19.539 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

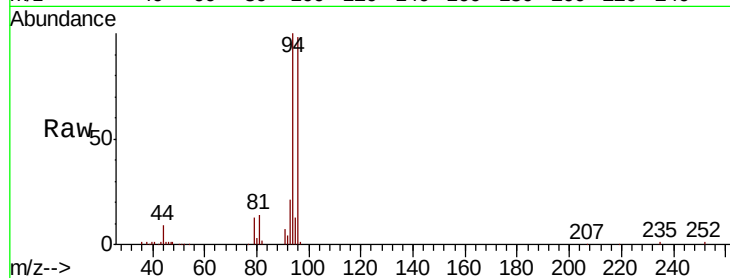
VN0821WBSD02

Tot Ion: 94 Resp: 109070

Ion Ratio Lower Upper

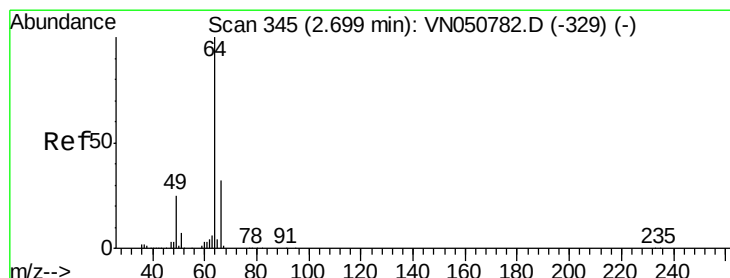
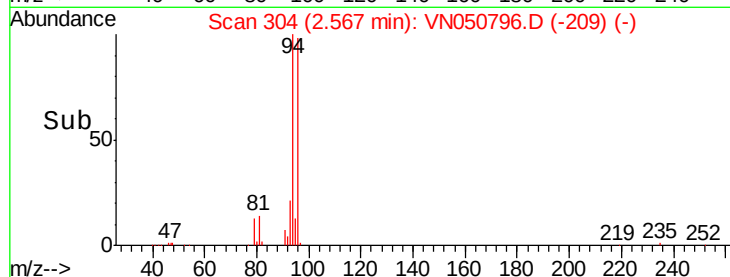
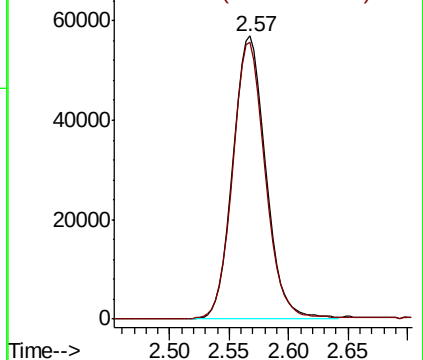
94 100

96 97.7 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.125 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN050796.D

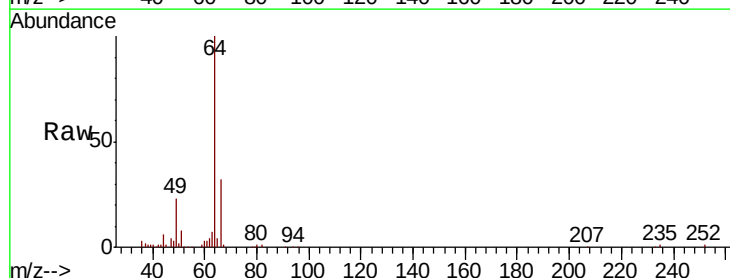
Acq: 21 Aug 2018 21:47

Tgt Ion: 64 Resp: 110525

Ion Ratio Lower Upper

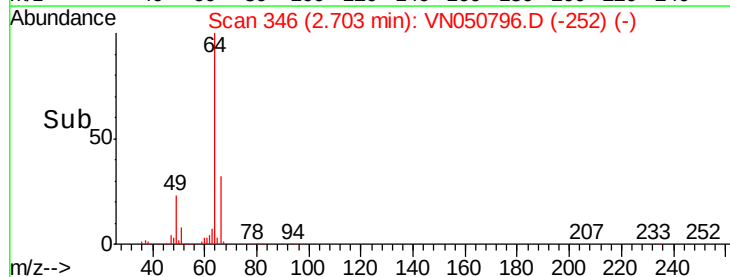
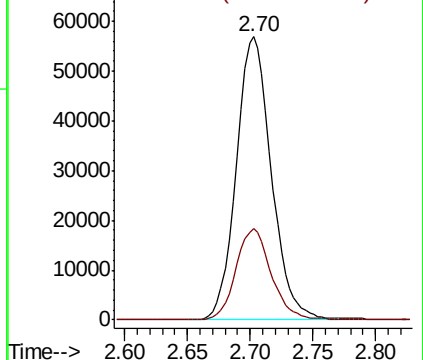
64 100

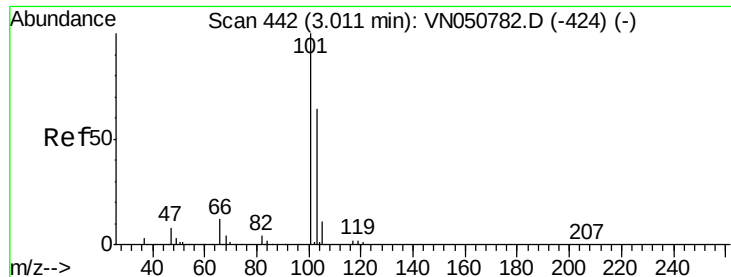
66 32.1 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



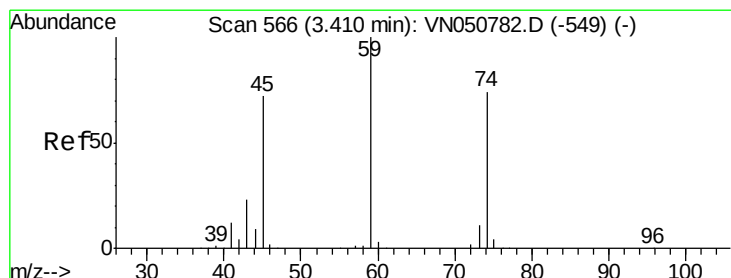
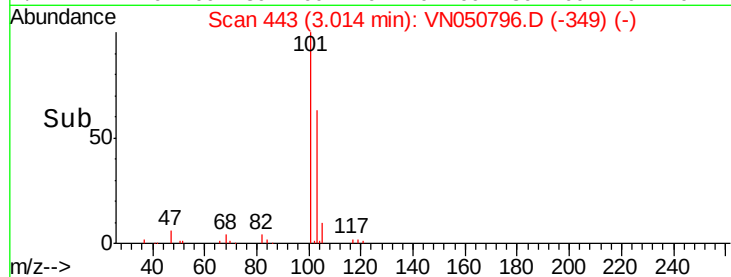
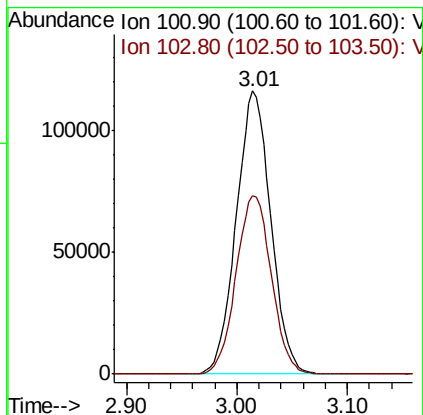
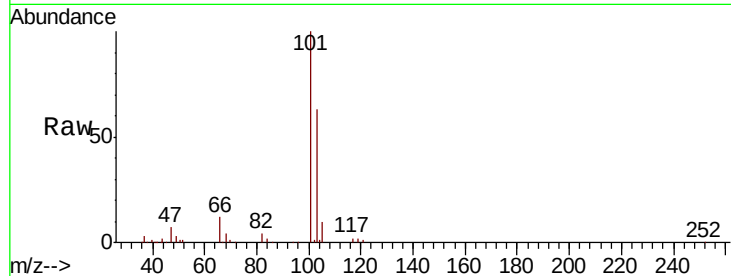


#7

Trichlorofluoromethane
 Concen: 20.733 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD02

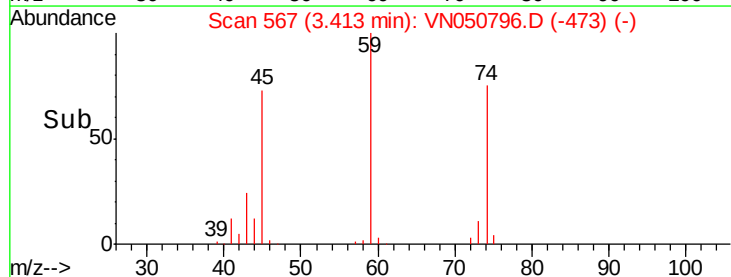
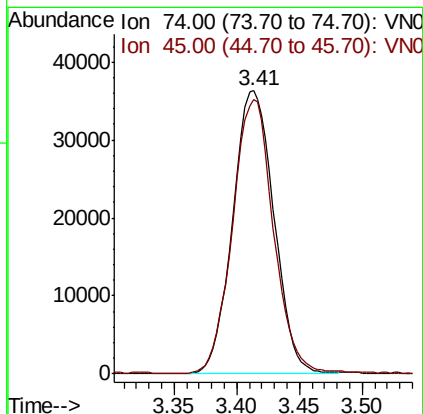
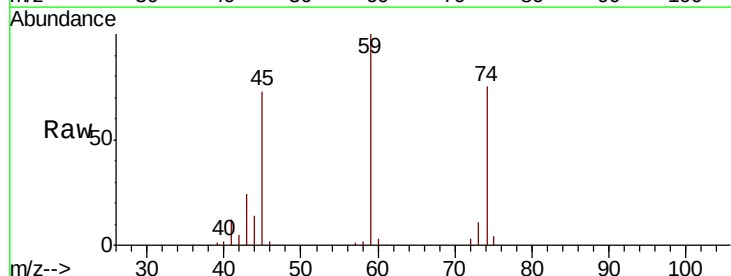
Tot Ion:101 Resp: 252348
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.6 77.4

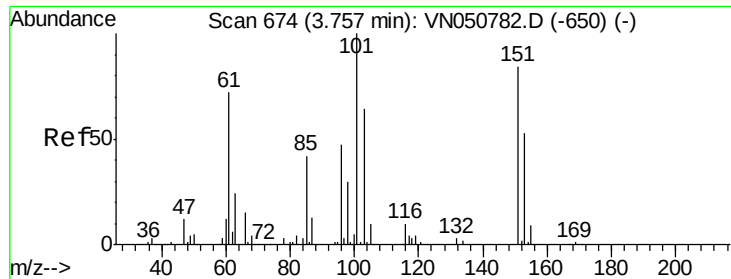


#8

Diethyl Ether
 Concen: 20.109 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

Tgt Ion: 74 Resp: 83225
 Ion Ratio Lower Upper
 74 100
 45 96.7 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.220 ug/l

RT: 3.76 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD02

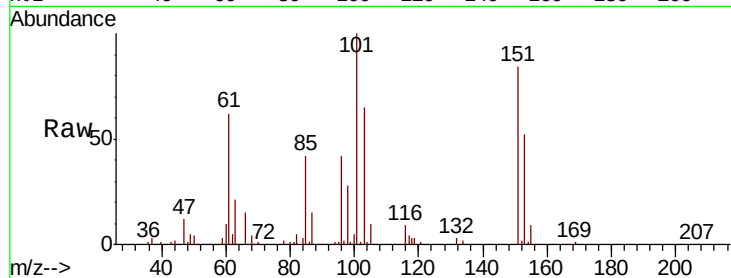
Tot Ion:101 Resp: 153761

Ion Ratio Lower Upper

101 100

85 42.8 33.7 50.5

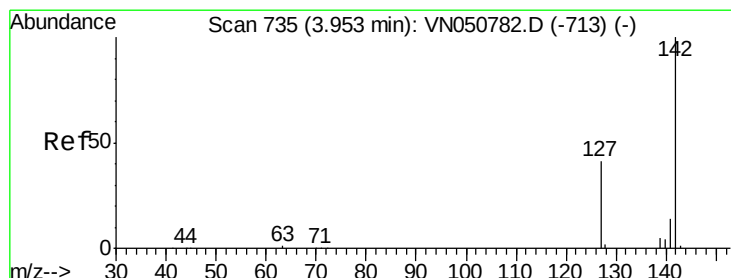
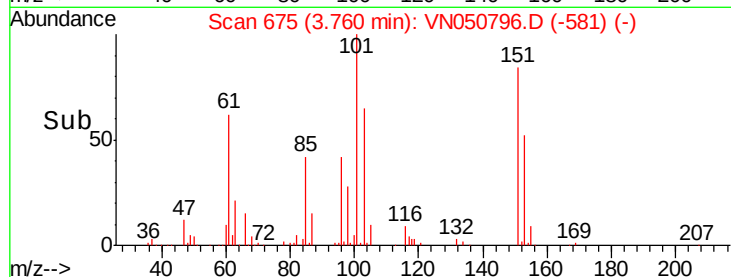
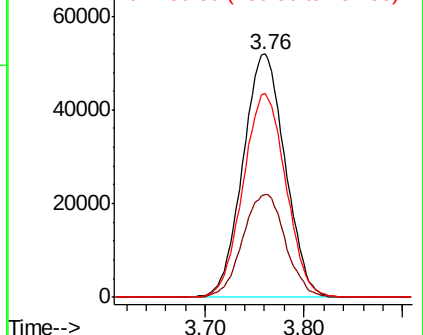
151 84.7 67.4 101.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.408 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

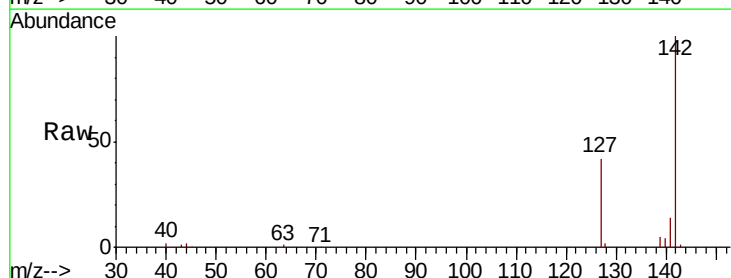
Tgt Ion:142 Resp: 122798

Ion Ratio Lower Upper

142 100

127 40.7 31.7 47.5

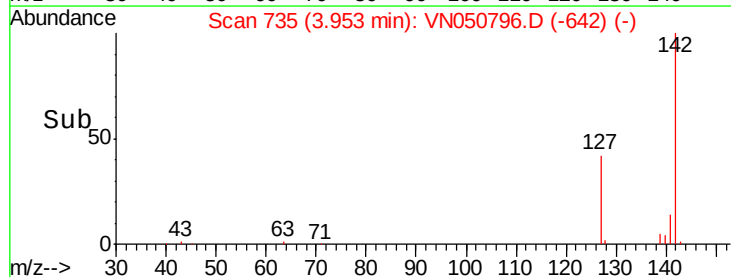
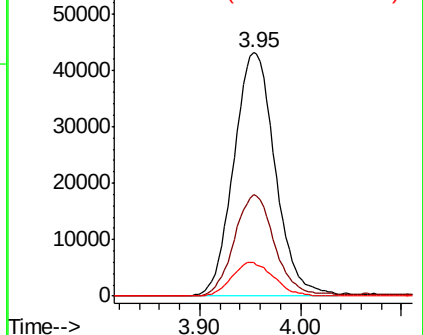
141 14.1 11.4 17.0

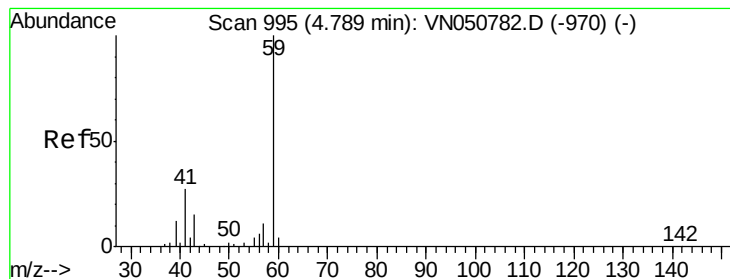


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



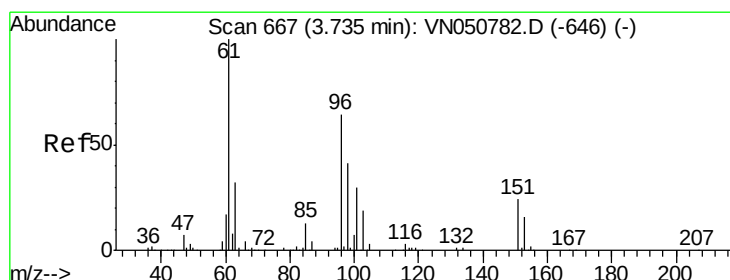
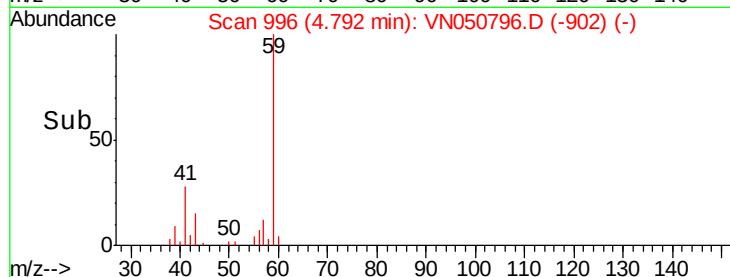
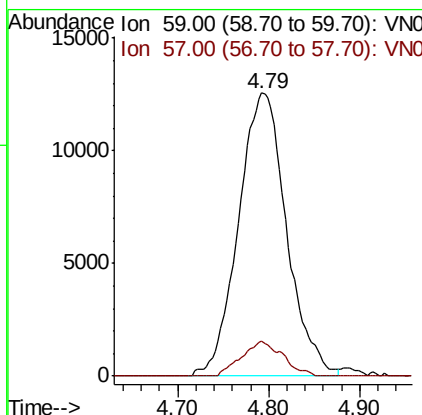
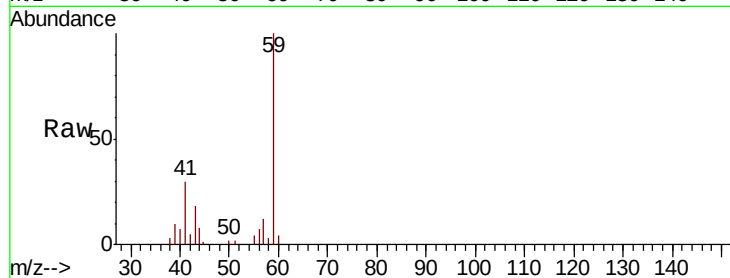


#11

Tert butyl alcohol
 Concen: 99.072 ug/l
 RT: 4.79 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD02

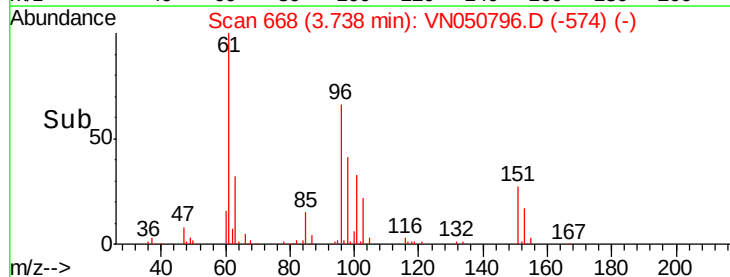
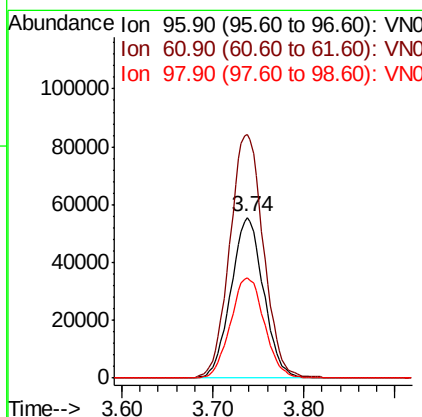
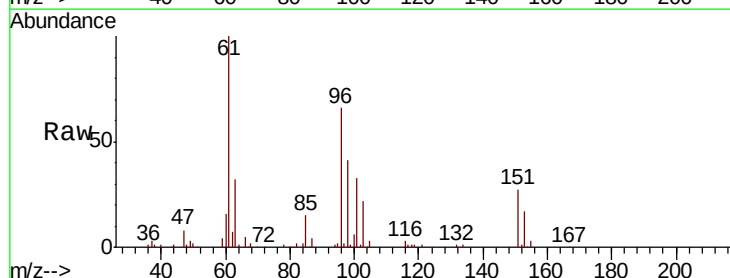
Tot Ion: 59 Resp: 46169
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.3 12.5

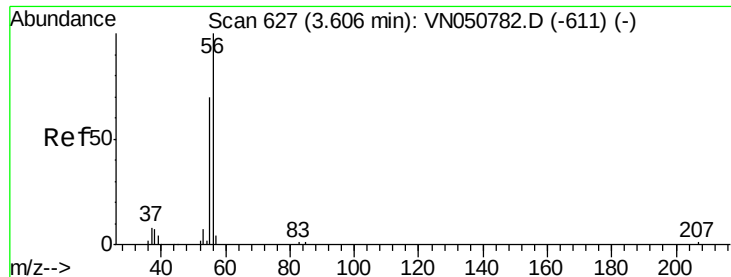


#12

1,1-Dichloroethene
 Concen: 20.263 ug/l
 RT: 3.74 min Scan# 668
 Delta R.T. 0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

Tgt Ion: 96 Resp: 138346
 Ion Ratio Lower Upper
 96 100
 61 151.6 124.9 187.3
 98 62.1 51.1 76.7





#13

Acrolein

Concen: 103.090 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

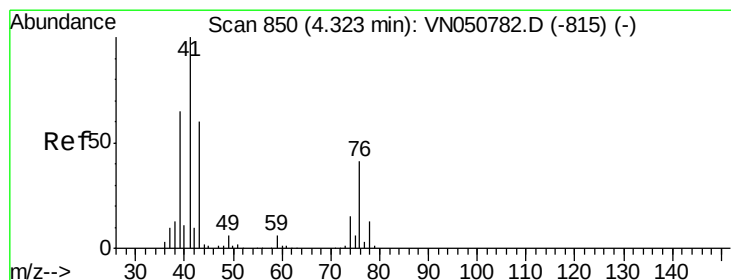
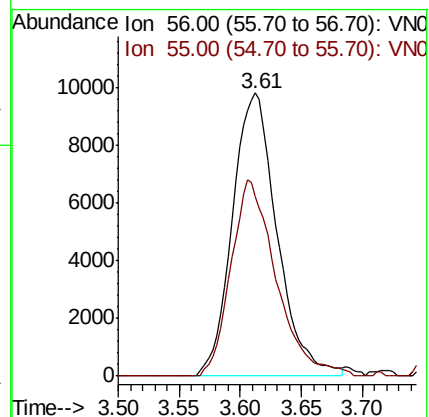
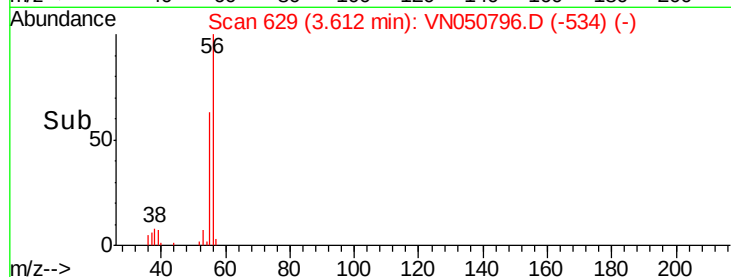
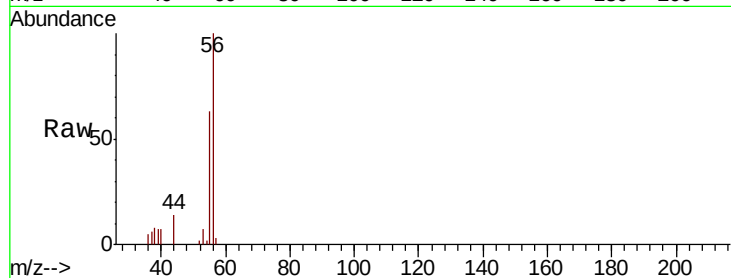
VN0821WBSD02

Tot Ion: 56 Resp: 24968

Ion Ratio Lower Upper

56 100

55 70.3 57.7 86.5



#14

Allyl chloride

Concen: 19.477 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

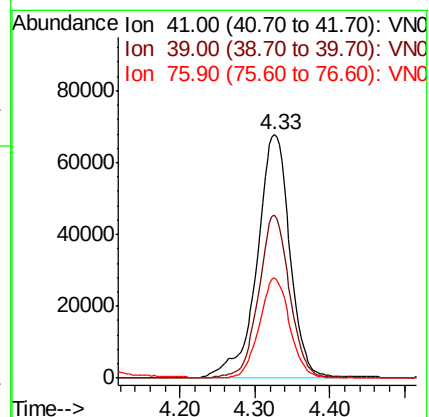
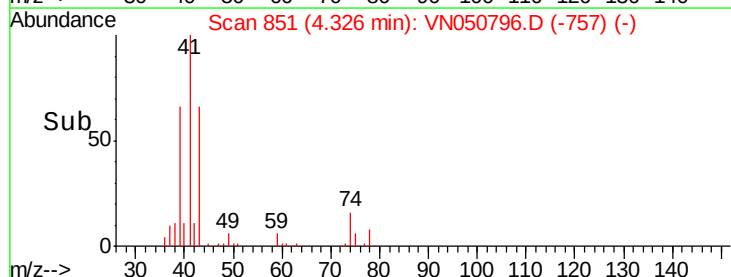
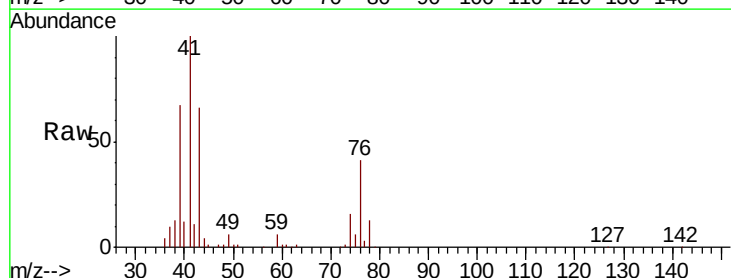
Tgt Ion: 41 Resp: 207214

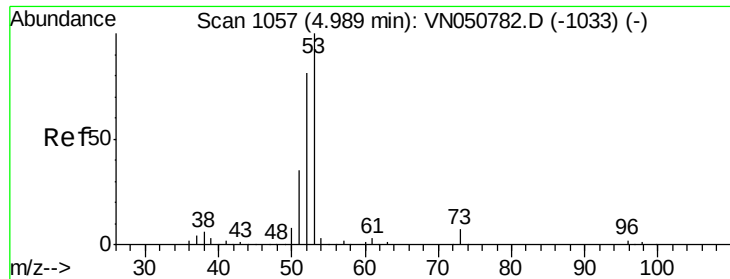
Ion Ratio Lower Upper

41 100

39 63.4 50.2 75.2

76 37.4 29.8 44.8





#15

Acrylonitrile

Concen: 97.804 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD02

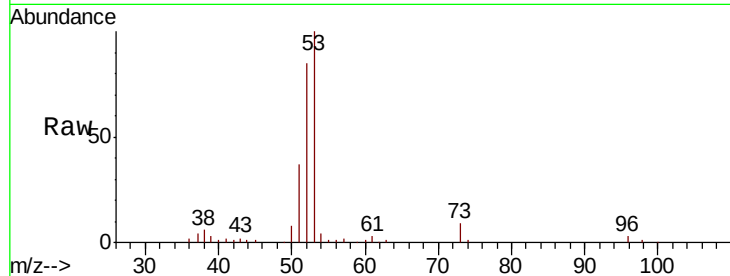
Tot Ion: 53 Resp: 231633

Ion Ratio Lower Upper

53 100

52 82.9 65.9 98.9

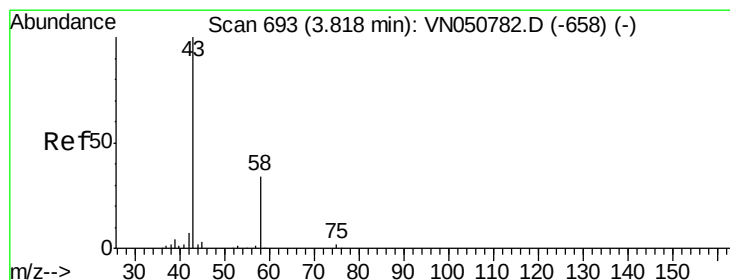
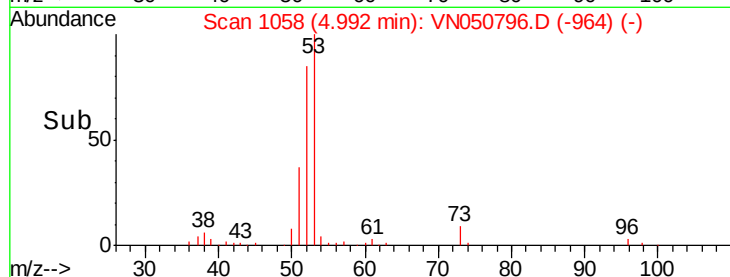
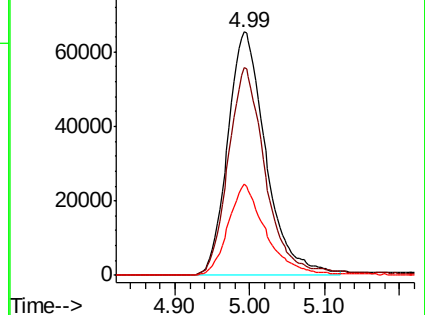
51 37.0 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 91.116 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050796.D

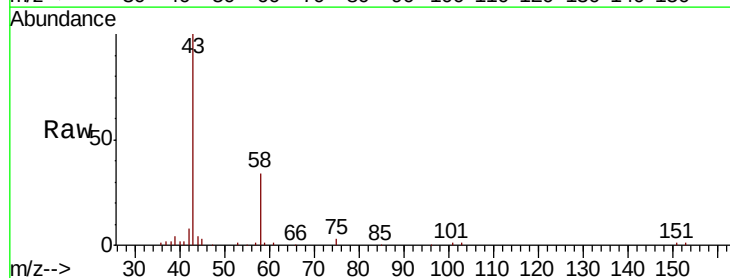
Acq: 21 Aug 2018 21:47

Tgt Ion: 43 Resp: 165682

Ion Ratio Lower Upper

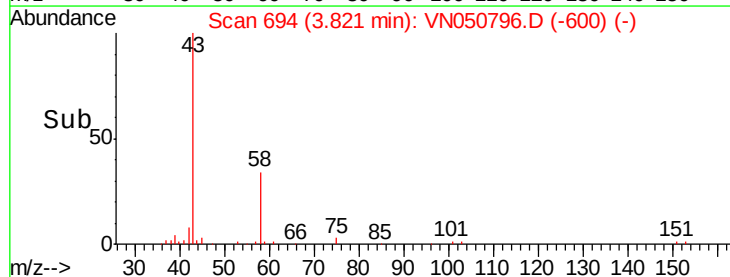
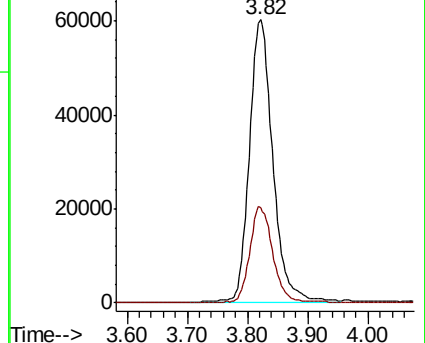
43 100

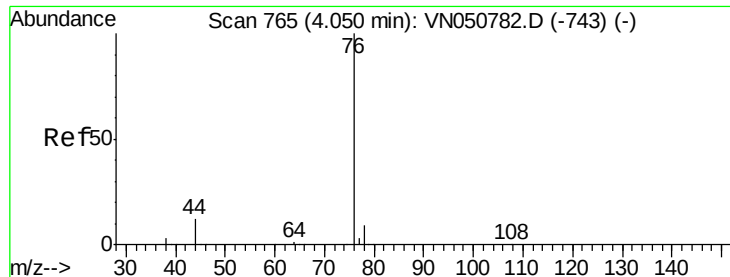
58 33.5 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

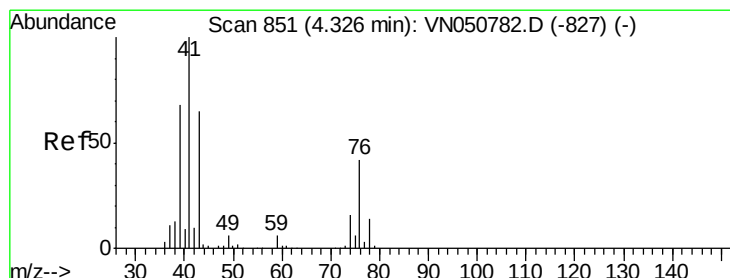
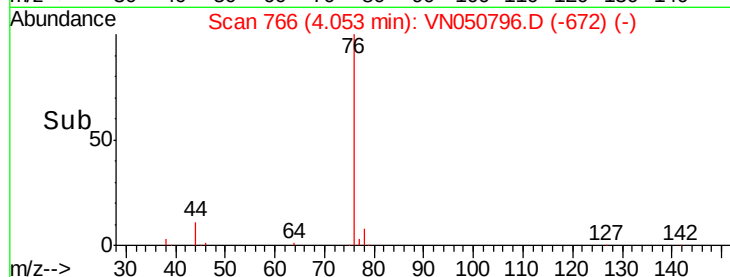
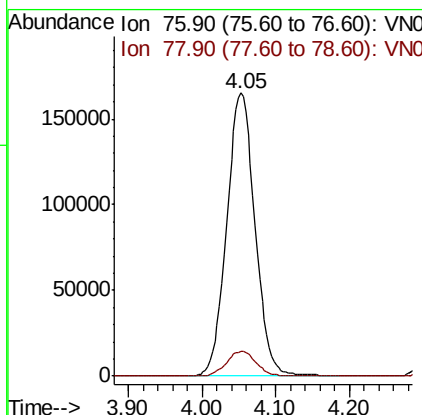
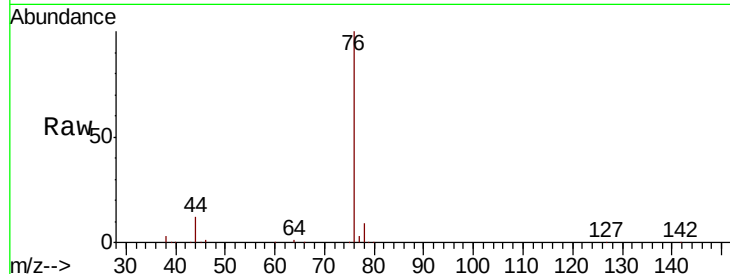




#17
Carbon Disulfide
Concen: 19.247 ug/l
RT: 4.05 min Scan# 766
Delta R.T. 0.00 min
Lab File: VN050796.D
Acq: 21 Aug 2018 21:47

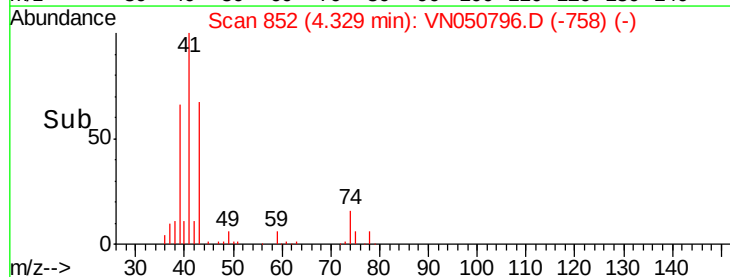
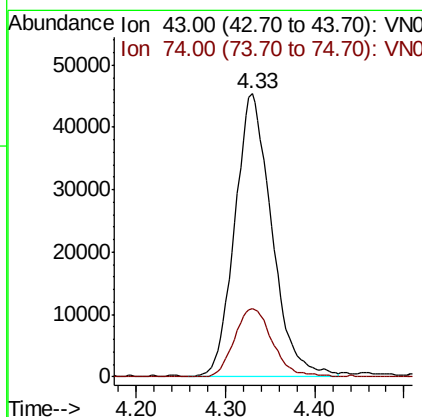
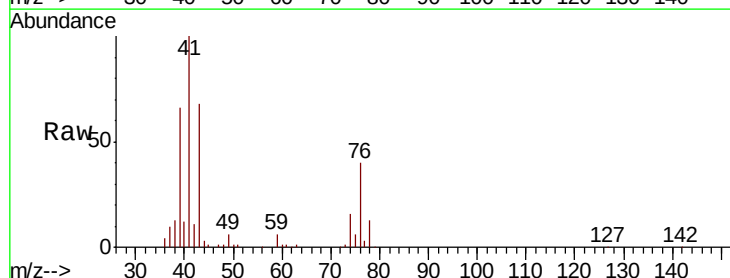
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD02

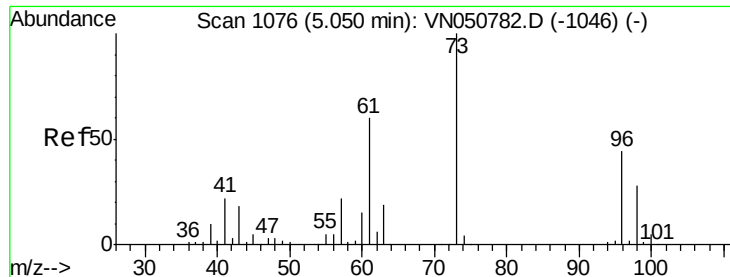
Tot Ion: 76 Resp: 440532
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 18.957 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050796.D
Acq: 21 Aug 2018 21:47

Tgt Ion: 43 Resp: 131002
Ion Ratio Lower Upper
43 100
74 24.7 19.8 29.8



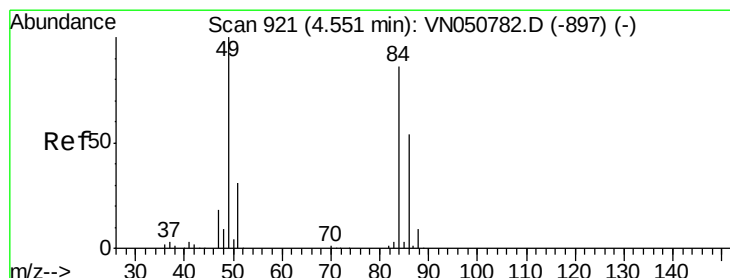
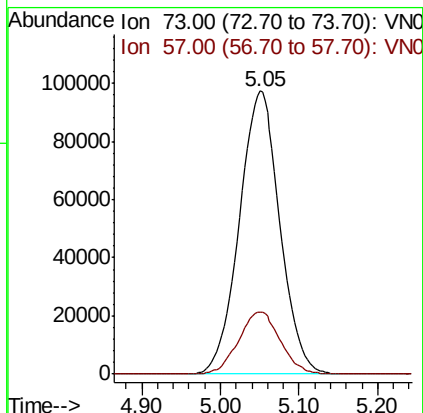
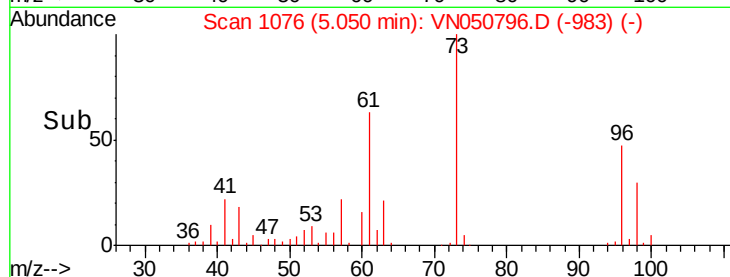
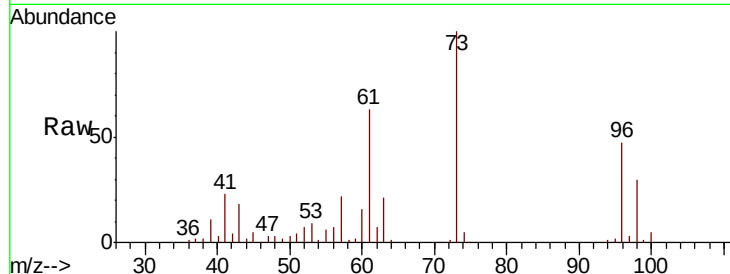


#19

Methyl tert-butyl Ether
 Concen: 20.456 ug/l
 RT: 5.05 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0821WBSD02

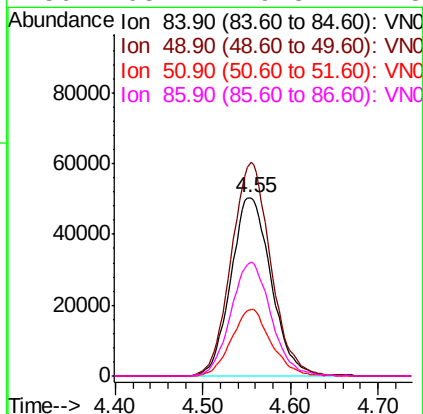
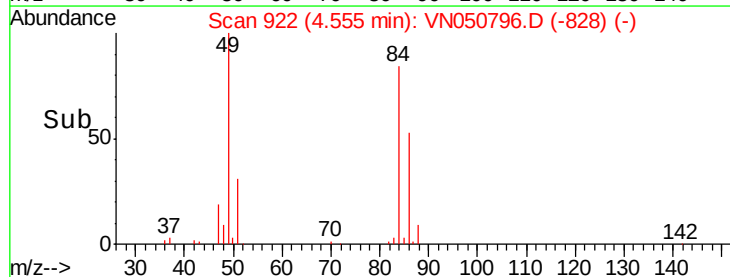
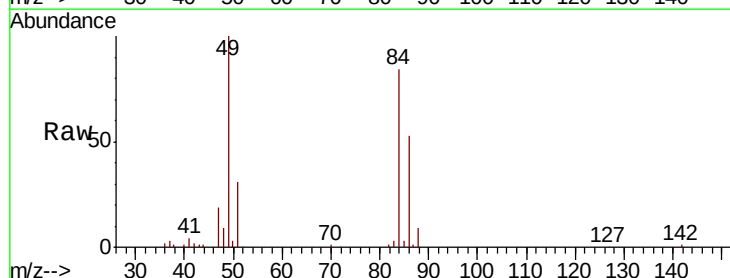
Tot Ion: 73 Resp: 351301
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.8 26.8

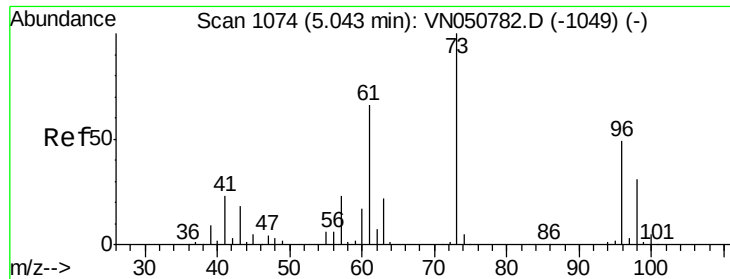


#20

Methylene Chloride
 Concen: 19.492 ug/l
 RT: 4.55 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

Tgt Ion: 84 Resp: 160769
 Ion Ratio Lower Upper
 84 100
 49 119.7 93.2 139.8
 51 37.0 29.0 43.6
 86 63.7 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 20.470 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD02

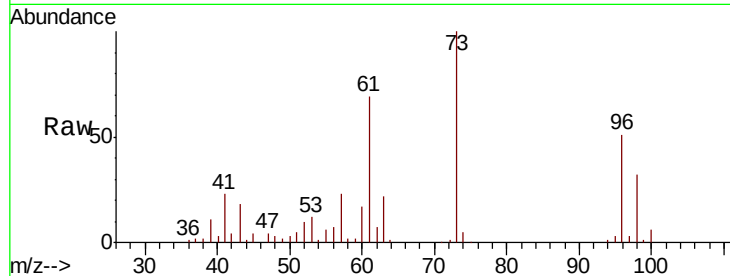
Tot Ion: 96 Resp: 151162

Ion Ratio Lower Upper

96 100

61 136.3 107.4 161.0

98 63.9 50.7 76.1

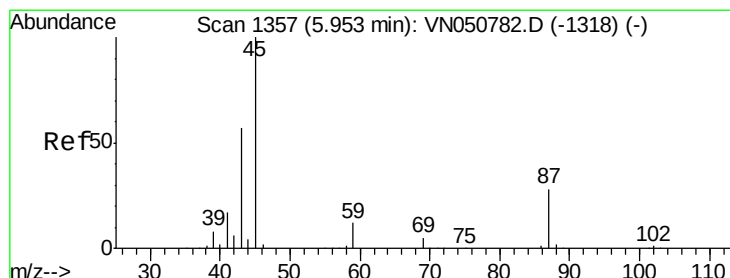
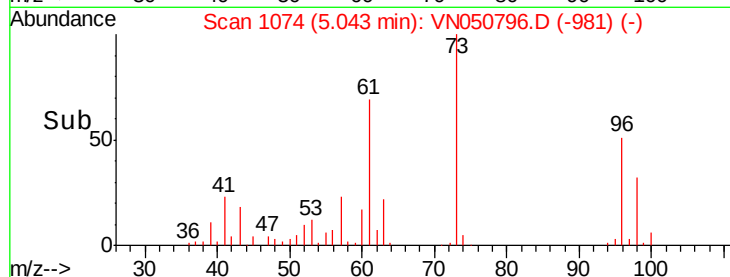
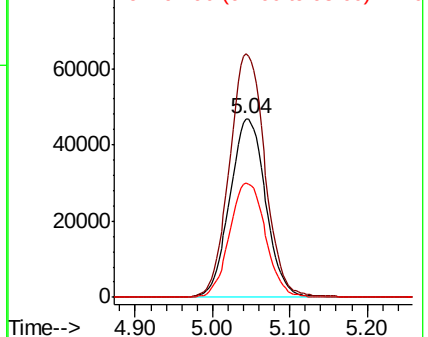


Abundance

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: 21.255 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Tgt Ion: 45 Resp: 450657

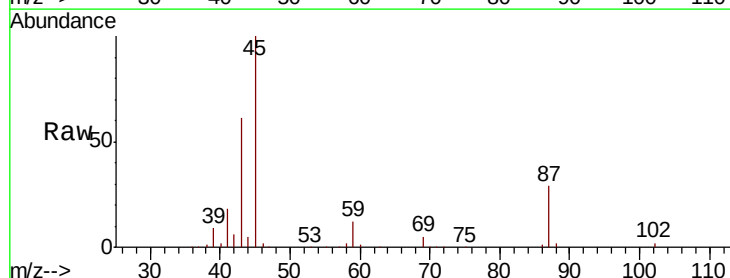
Ion Ratio Lower Upper

45 100

43 59.6 45.9 68.9

87 28.7 22.7 34.1

59 12.2 9.3 13.9



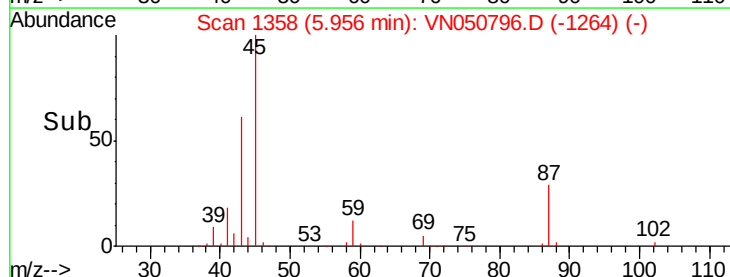
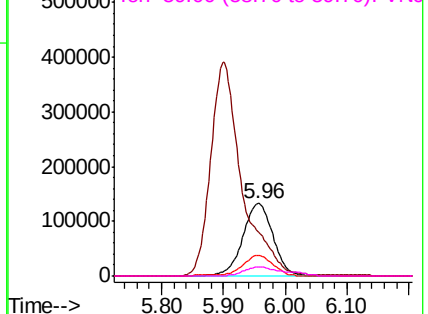
Abundance

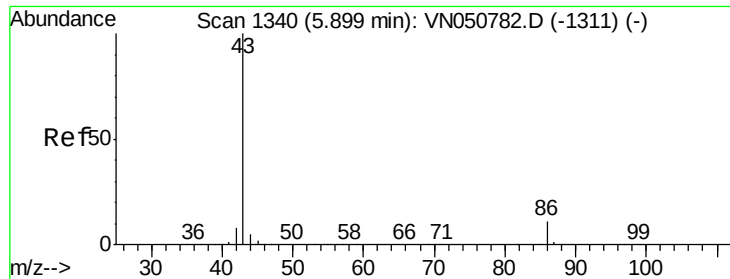
Ion 45.00 (44.70 to 45.70): VN0

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

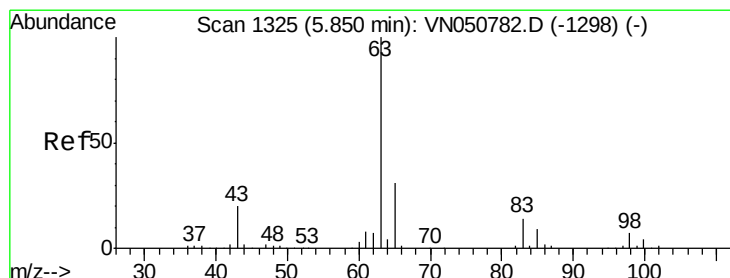
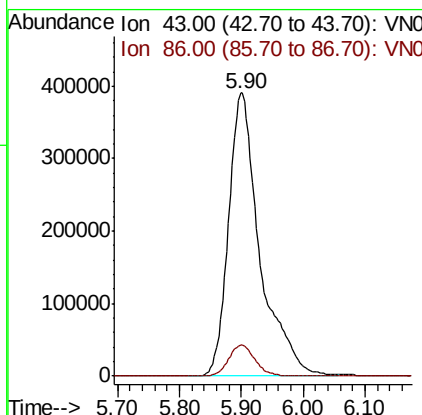
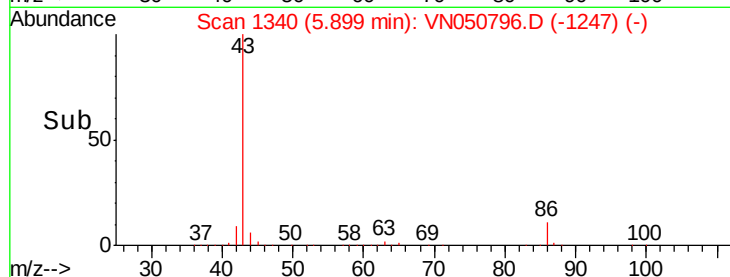
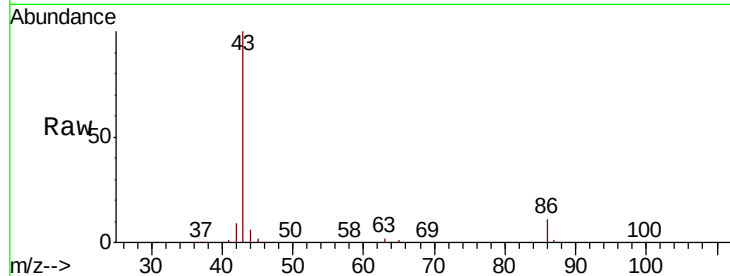




#23
 Vinyl Acetate
 Concen: 100.744 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

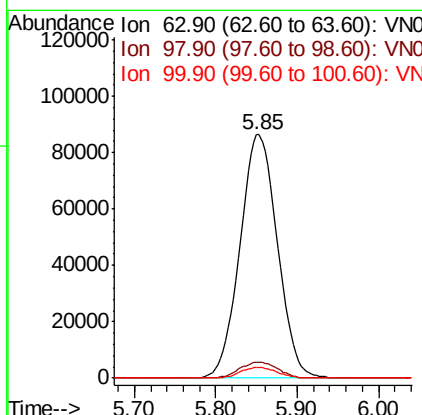
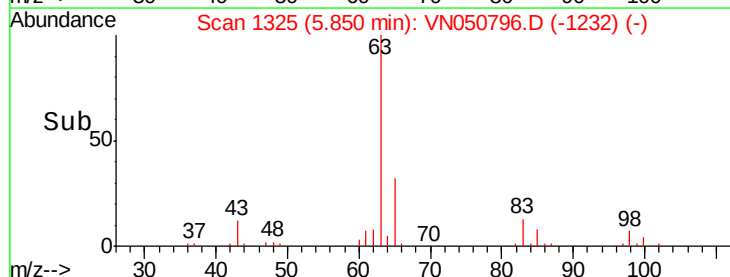
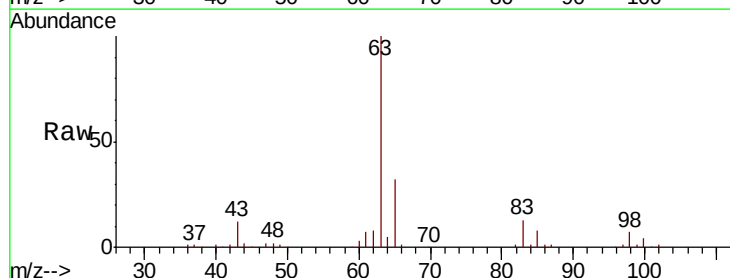
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0821WBSD02

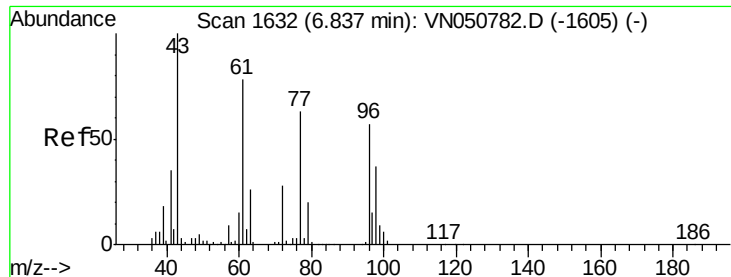
Tot Ion: 43 Resp: 1375589
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 20.145 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

Tgt Ion: 63 Resp: 274211
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.4 2.1 6.5

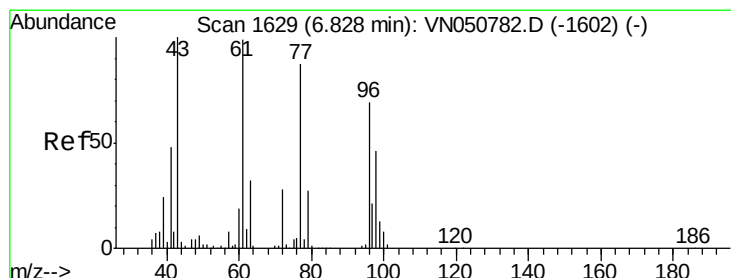
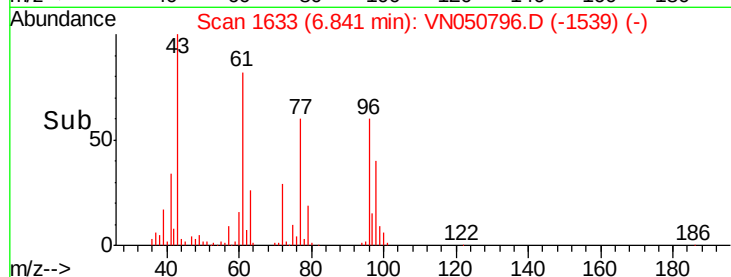
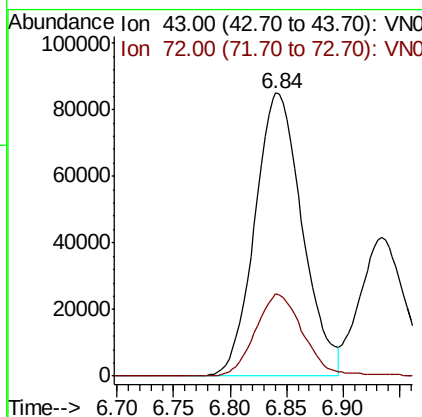
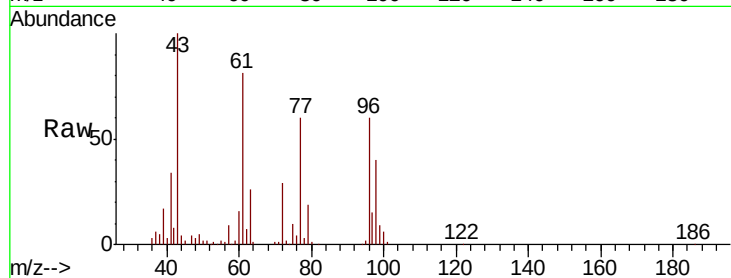




#25
 2-Butanone
 Concen: 83.655 ug/l
 RT: 6.84 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

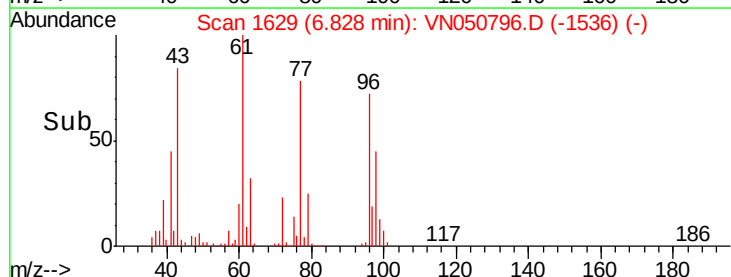
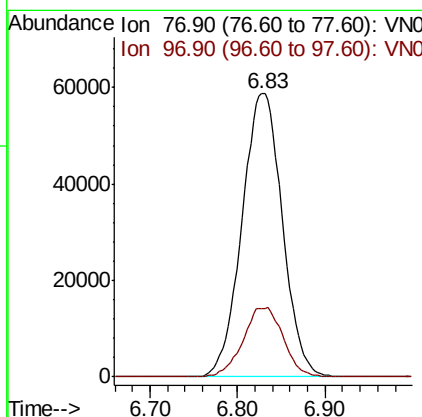
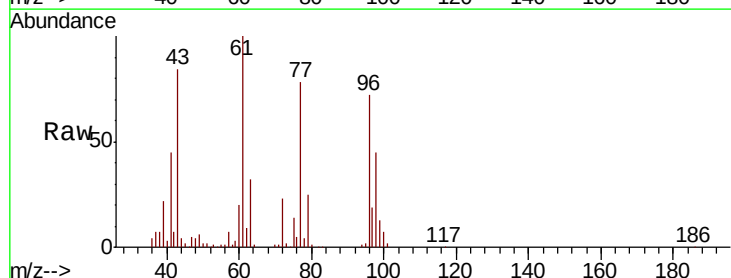
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0821WBSD02

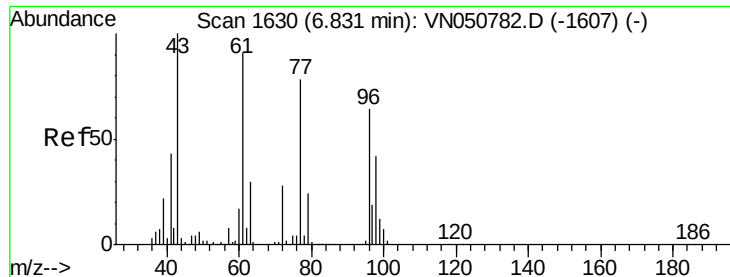
Tot Ion: 43 Resp: 246716
 Ion Ratio Lower Upper
 43 100
 72 29.0 22.3 33.5



#26
 2,2-Dichloropropane
 Concen: 17.188 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

Tgt Ion: 77 Resp: 187997
 Ion Ratio Lower Upper
 77 100
 97 24.4 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 20.272 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD02

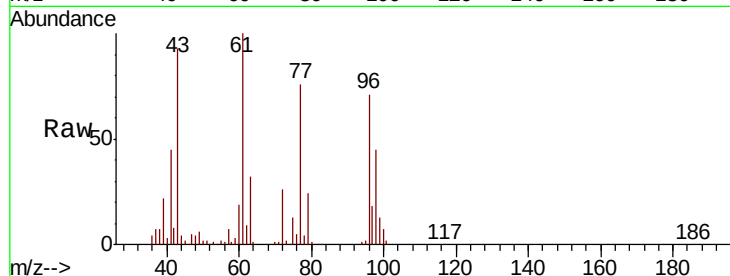
Tot Ion: 96 Resp: 161389

Ion Ratio Lower Upper

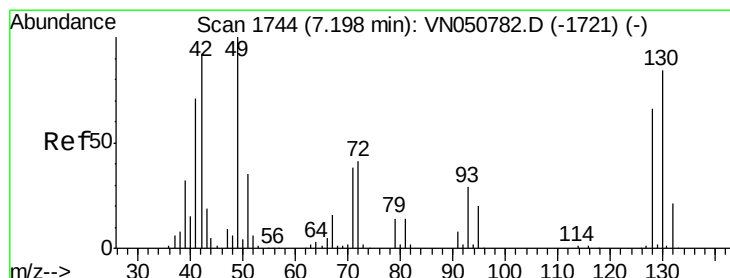
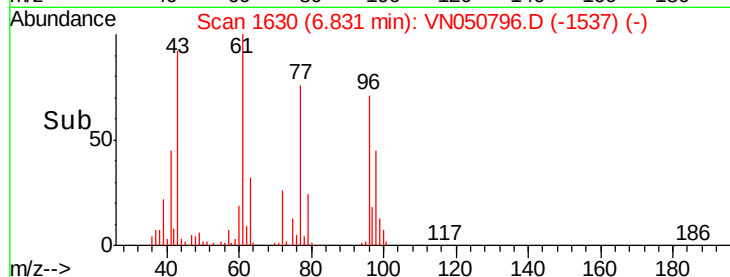
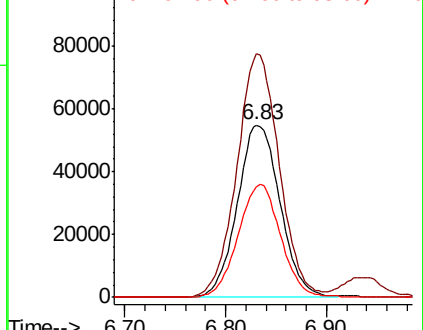
96 100

61 139.8 0.0 283.4

98 65.2 0.0 129.8



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



#28

Bromochloromethane

Concen: 20.072 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. -0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

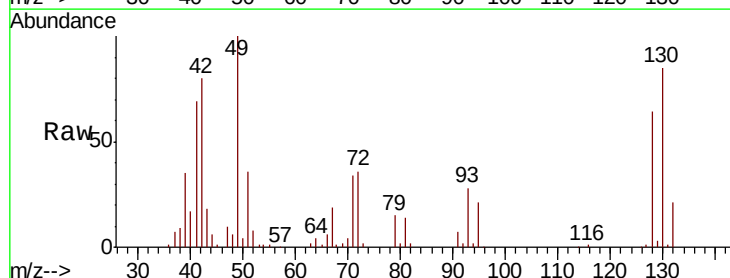
Tgt Ion: 49 Resp: 116096

Ion Ratio Lower Upper

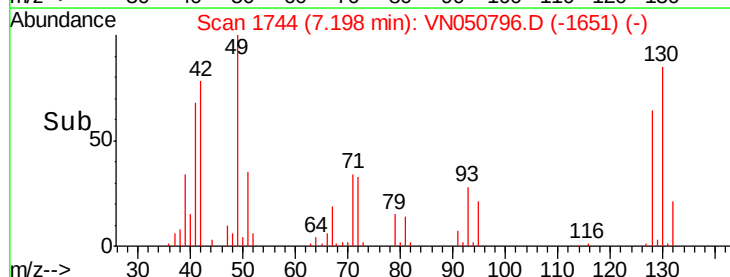
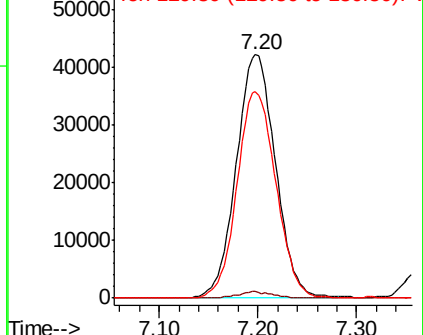
49 100

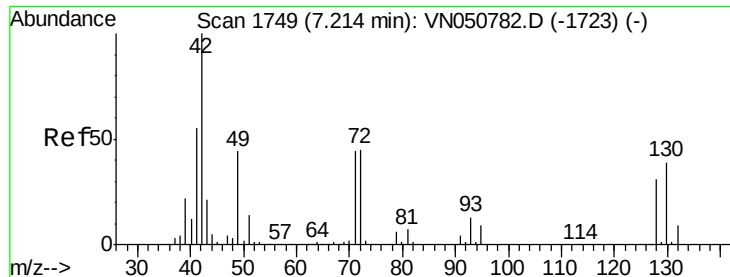
129 2.3 0.0 4.2

130 84.1 67.1 100.7



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 101.957 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD02

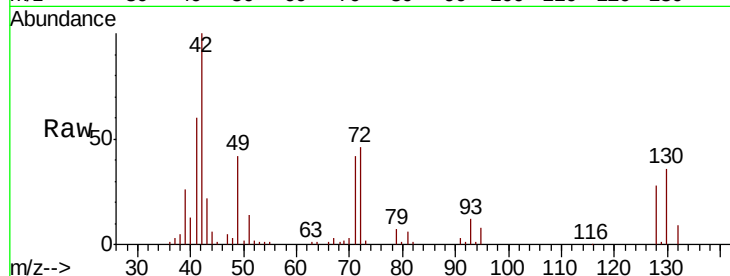
Tot Ion: 42 Resp: 172400

Ion Ratio Lower Upper

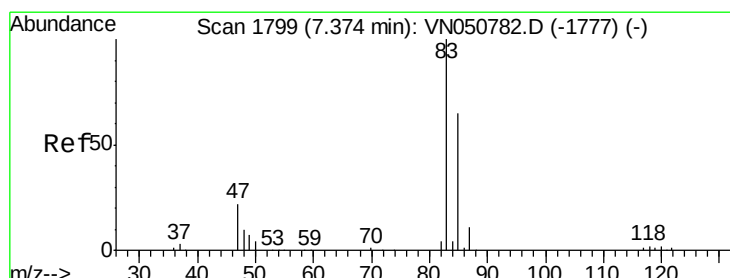
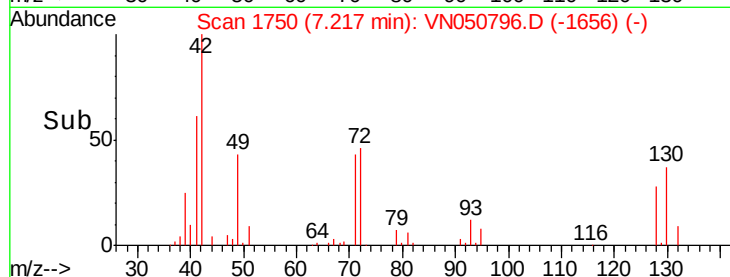
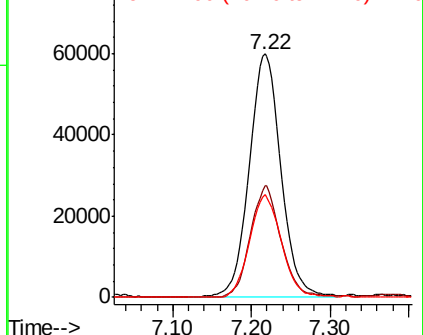
42 100

72 44.1 35.5 53.3

71 41.8 33.7 50.5



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: 20.511 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN050796.D

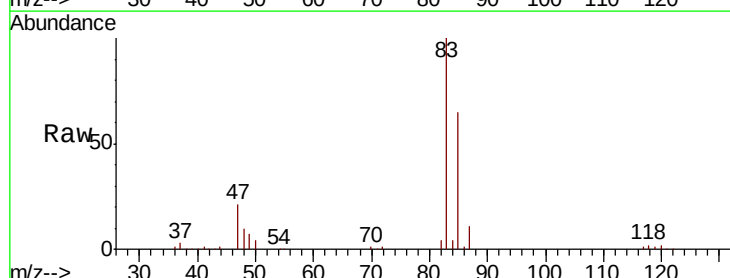
Acq: 21 Aug 2018 21:47

Tgt Ion: 83 Resp: 276474

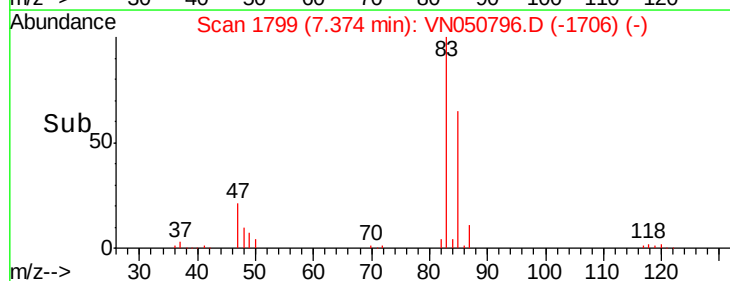
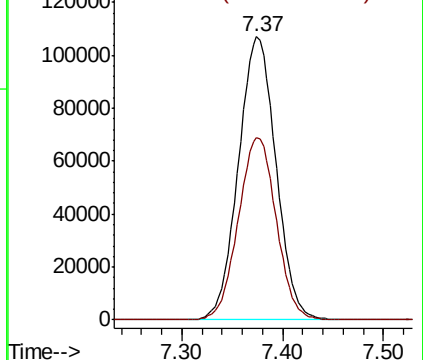
Ion Ratio Lower Upper

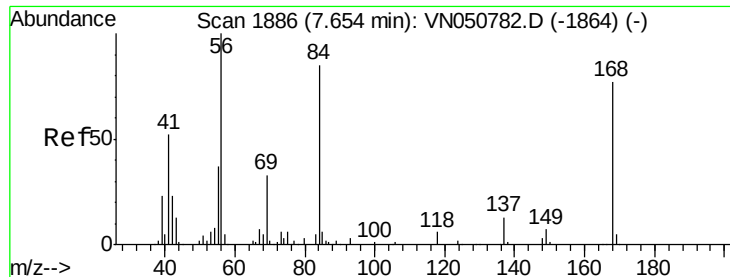
83 100

85 64.6 52.2 78.4



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





#31

Cyclohexane

Concen: 20.091 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD02

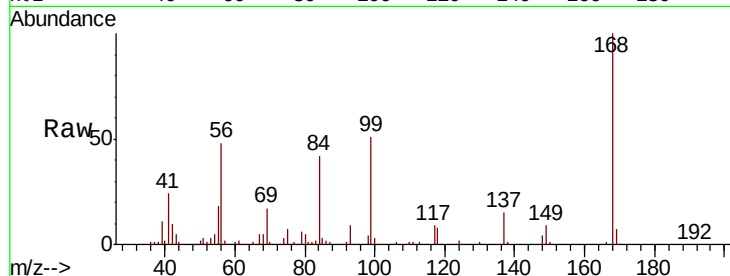
Tot Ion: 56 Resp: 245099

Ion Ratio Lower Upper

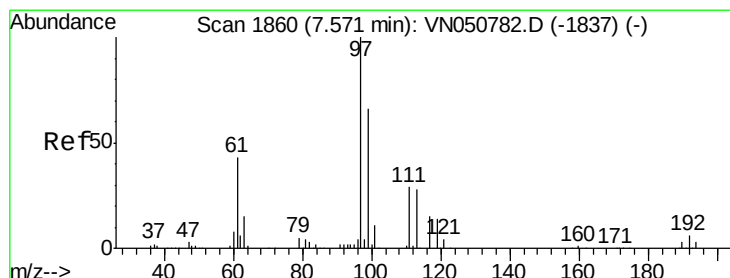
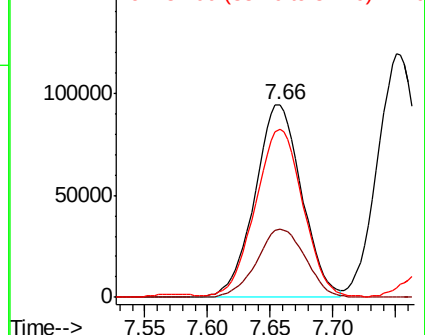
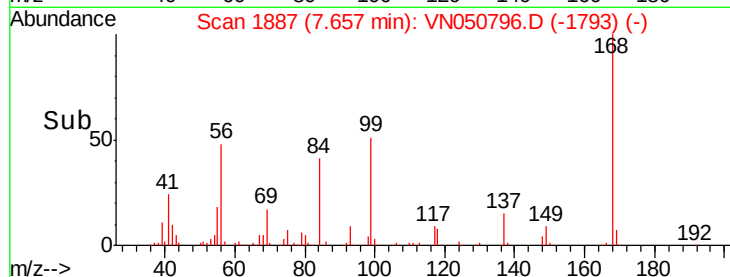
56 100

69 35.2 26.2 39.4

84 86.3 68.3 102.5



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



#32

1,1,1-Trichloroethane

Concen: 20.224 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

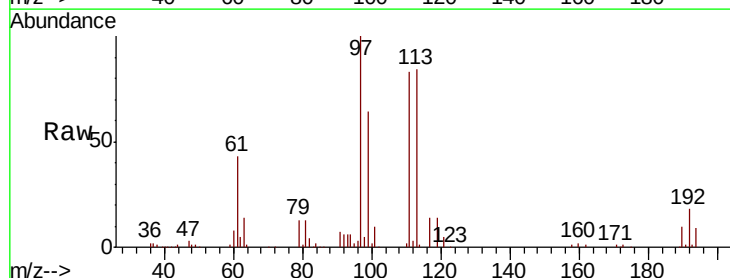
Tgt Ion: 97 Resp: 234150

Ion Ratio Lower Upper

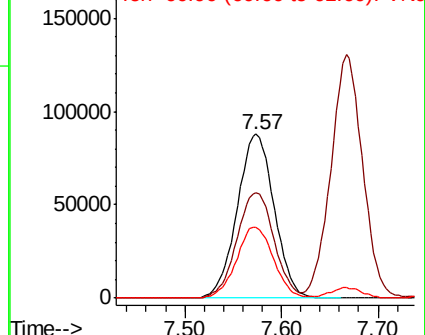
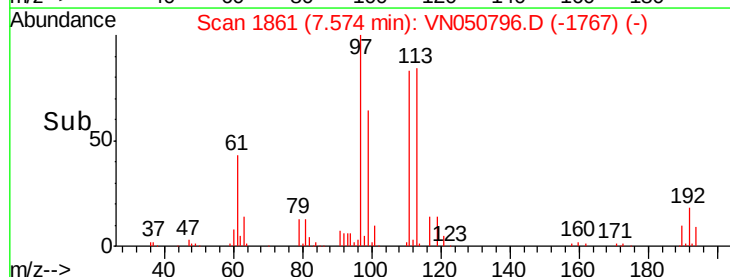
97 100

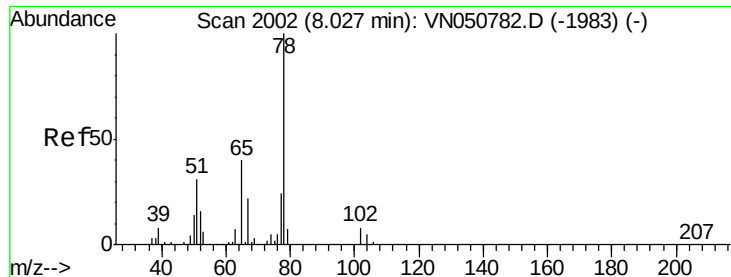
99 64.7 51.8 77.6

61 43.3 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

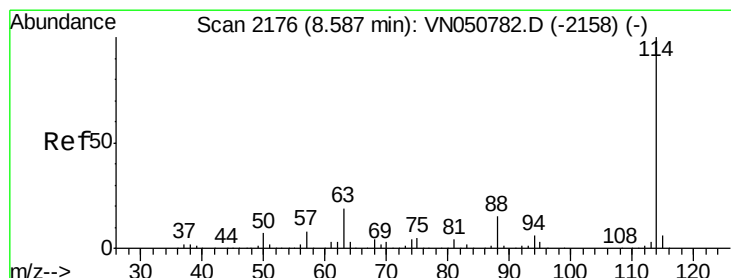
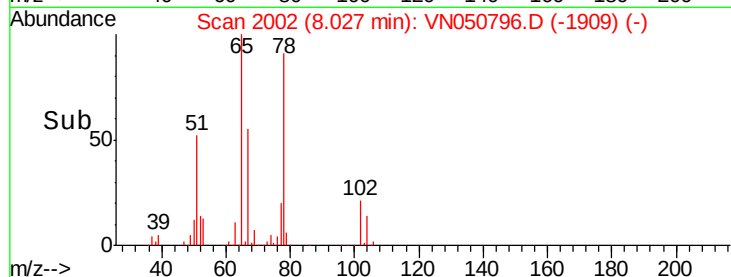
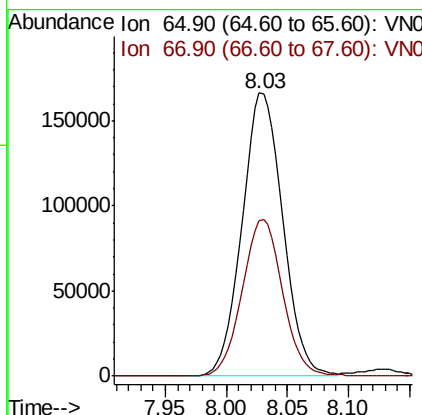
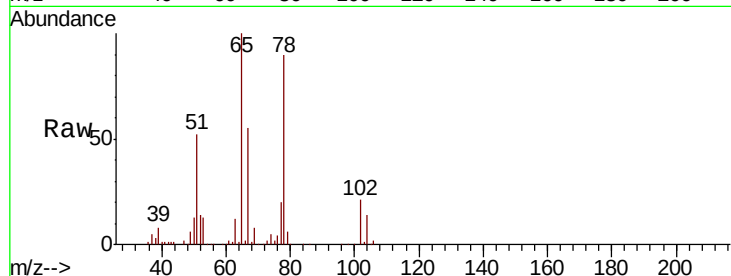




#33
 1,2-Dichloroethane-d4
 Concen: 52.445 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

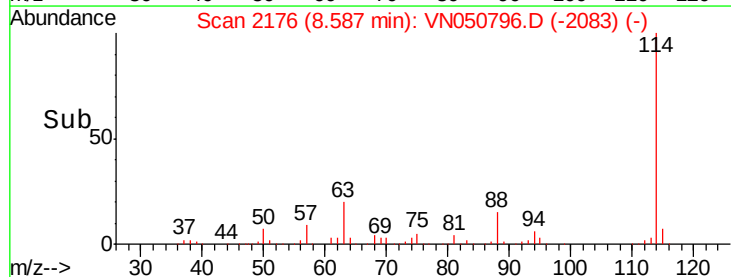
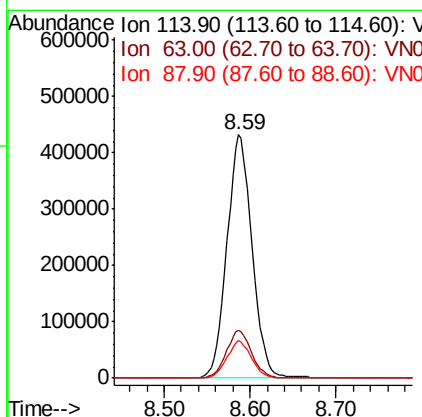
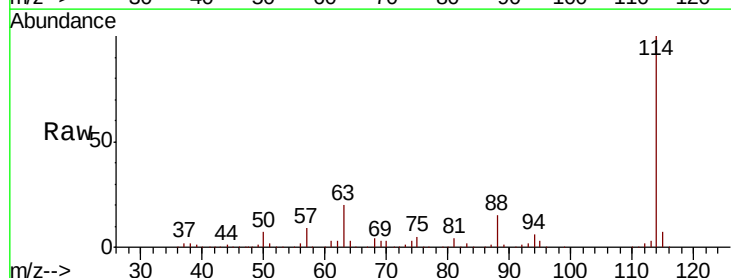
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD02

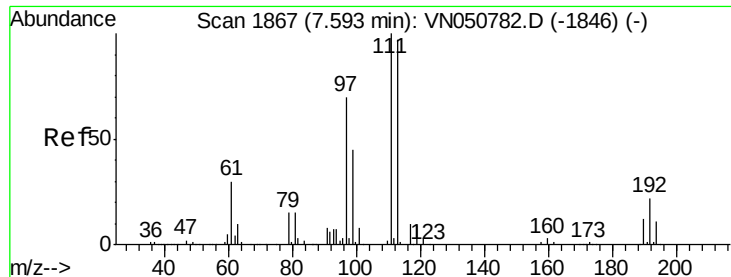
Tot Ion: 65 Resp: 383808
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

Tgt Ion: 114 Resp: 877058
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.6
 88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.431 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD02

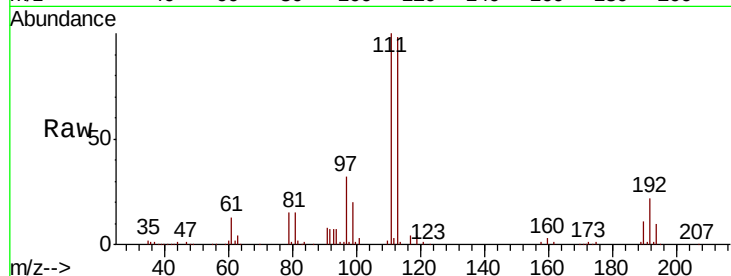
Tot Ion:113 Resp: 365835

Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

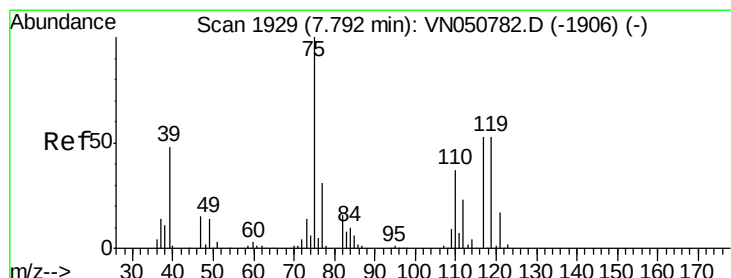
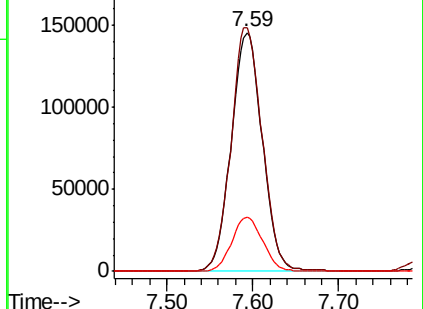
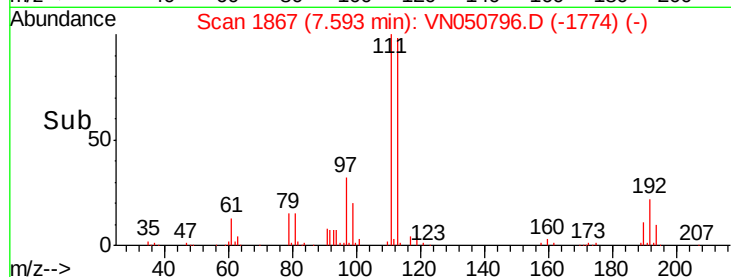
192 22.5 18.0 27.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.497 ug/l

RT: 7.79 min Scan# 1929

Delta R.T. -0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

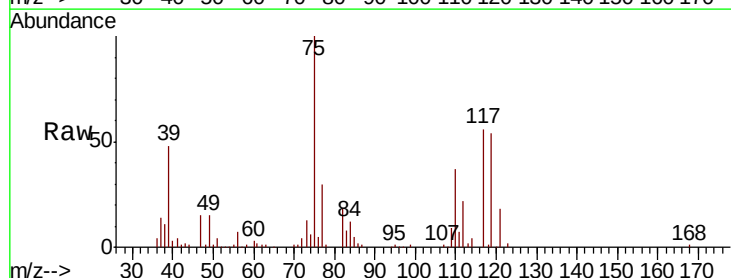
Tgt Ion: 75 Resp: 212134

Ion Ratio Lower Upper

75 100

110 36.2 18.1 54.4

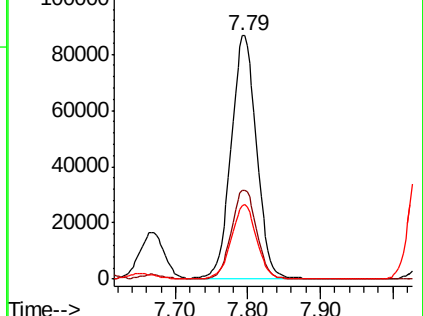
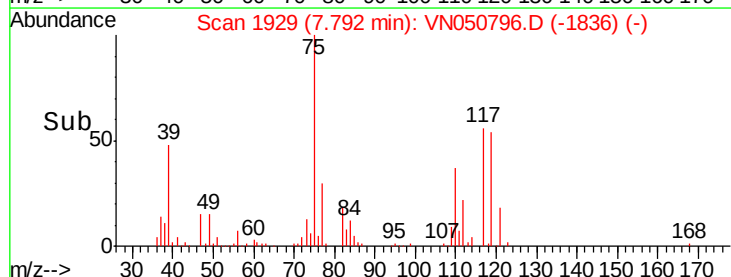
77 30.4 24.8 37.2

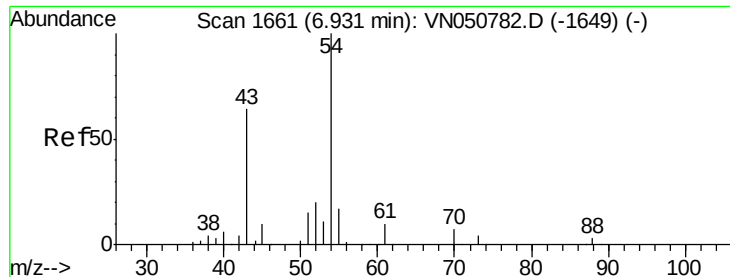


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

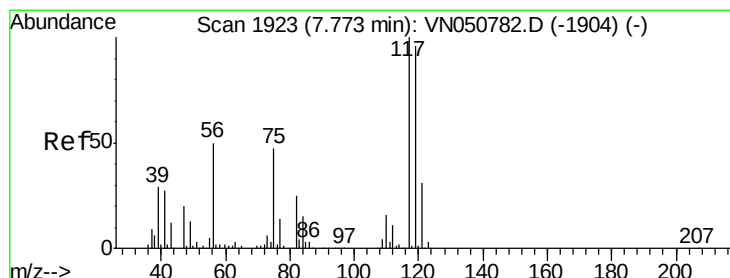
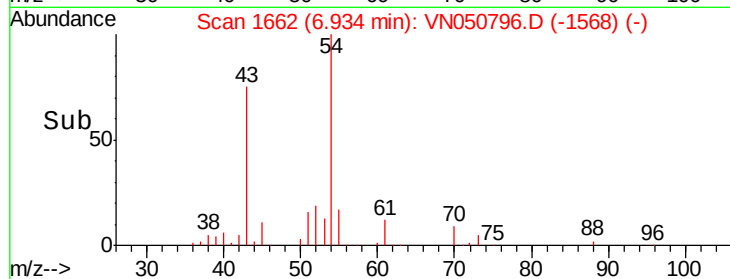
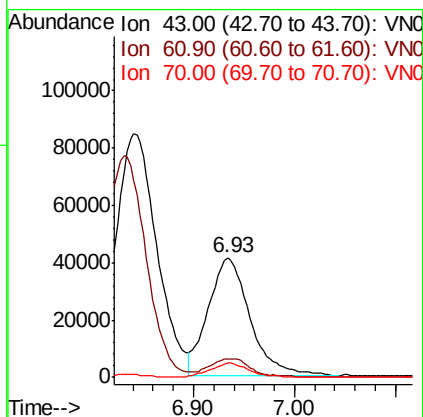
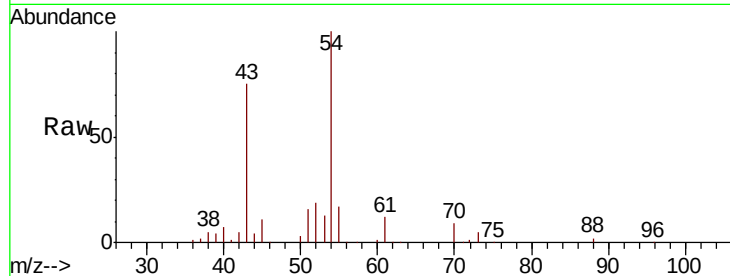




#37
Ethyl Acetate
Concen: 19.876 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN050796.D
Acq: 21 Aug 2018 21:47

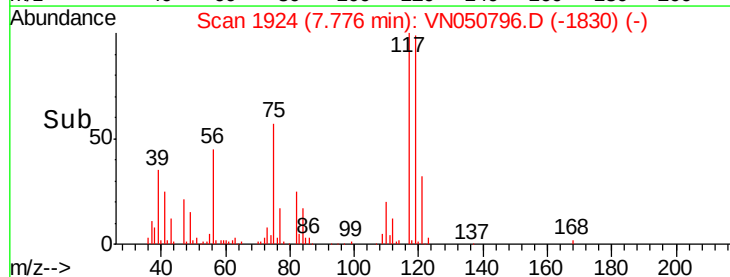
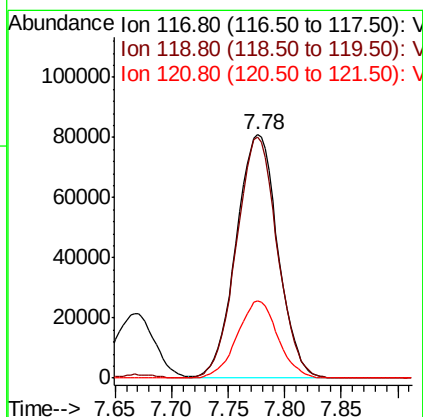
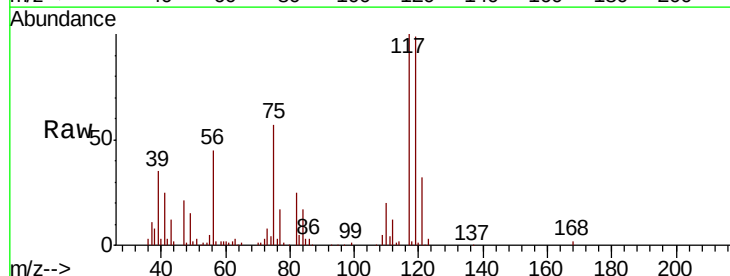
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD02

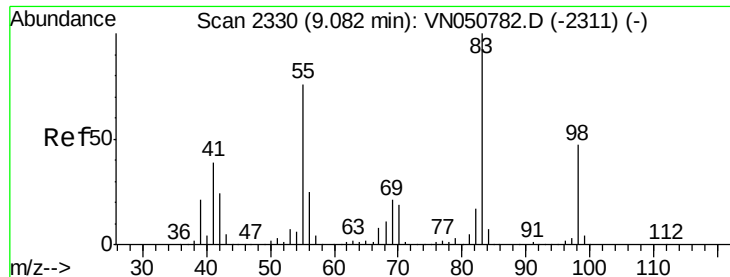
Tot Ion: 43 Resp: 118167
Ion Ratio Lower Upper
43 100
61 14.8 12.0 18.0
70 11.5 8.6 13.0



#38
Carbon Tetrachloride
Concen: 19.894 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN050796.D
Acq: 21 Aug 2018 21:47

Tgt Ion: 117 Resp: 208123
Ion Ratio Lower Upper
117 100
119 99.1 76.3 114.5
121 31.5 24.6 36.8

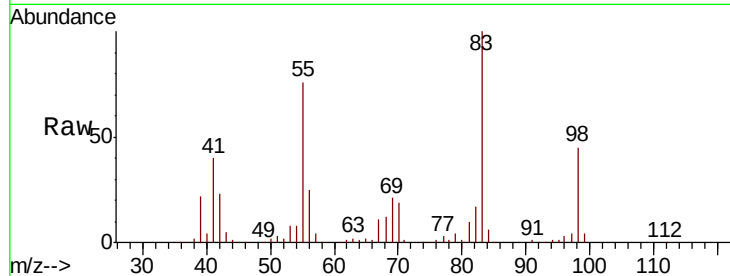




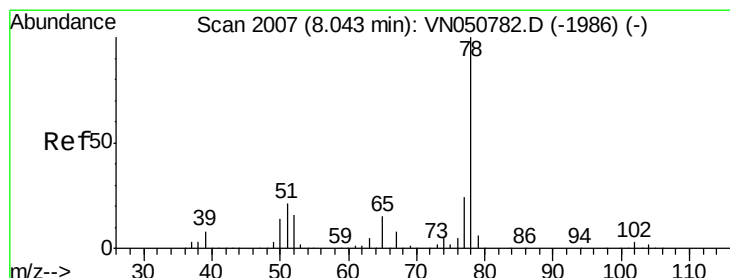
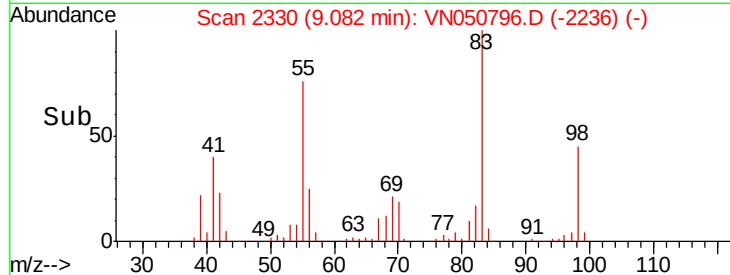
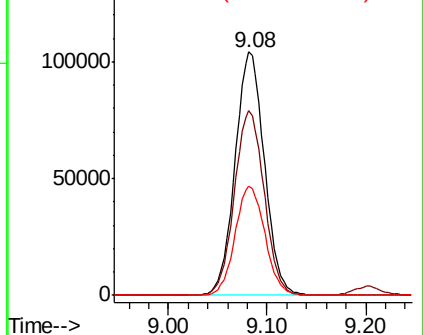
#39
Methylvlcyclohexane
Concen: 19.212 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN050796.D
Acq: 21 Aug 2018 21:47

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD02

Tot Ion: 83 Resp: 215120
Ion Ratio Lower Upper
83 100
55 75.7 61.0 91.4
98 44.9 37.5 56.3

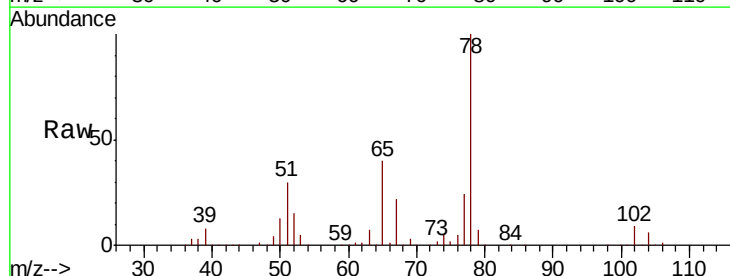


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

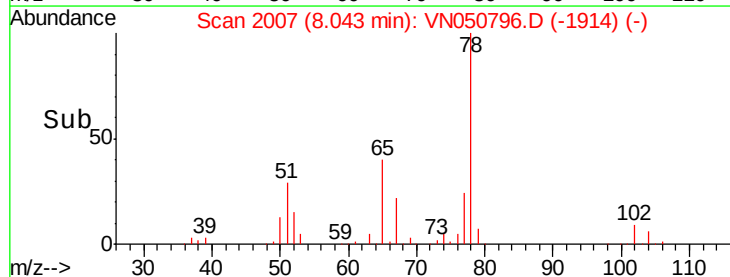
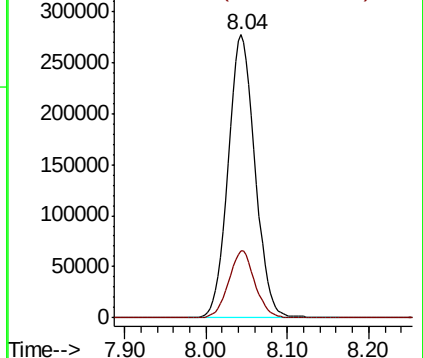


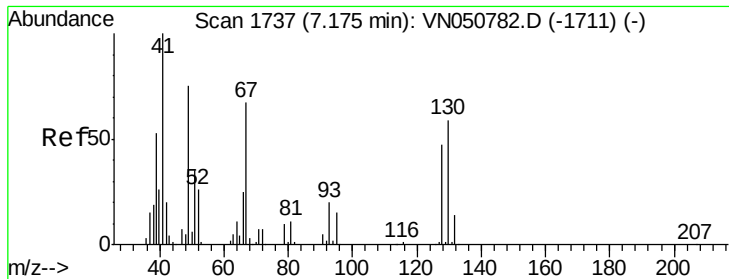
#40
Benzene
Concen: 20.491 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050796.D
Acq: 21 Aug 2018 21:47

Tgt Ion: 78 Resp: 639496
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

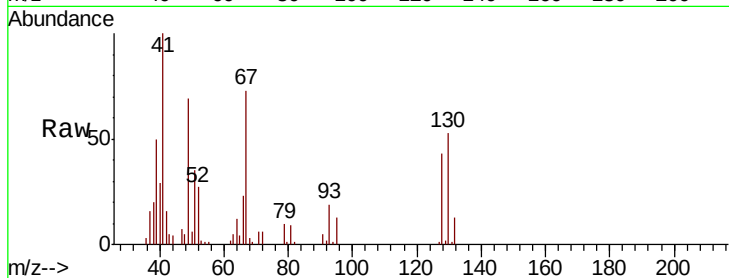




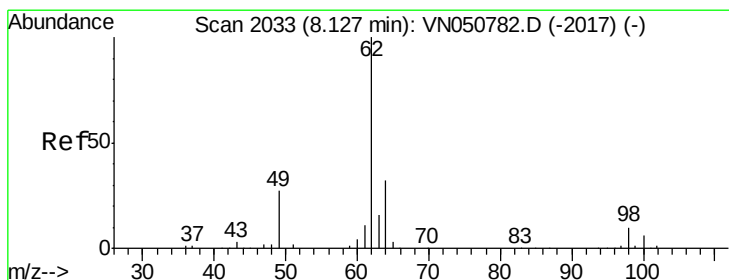
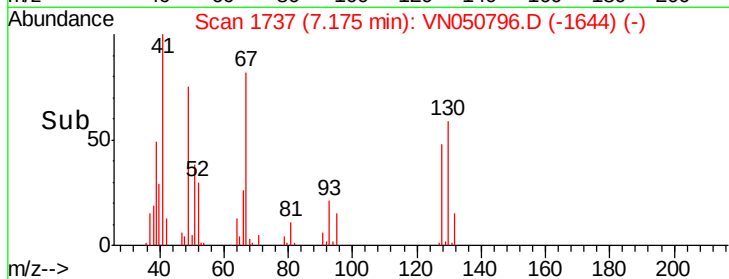
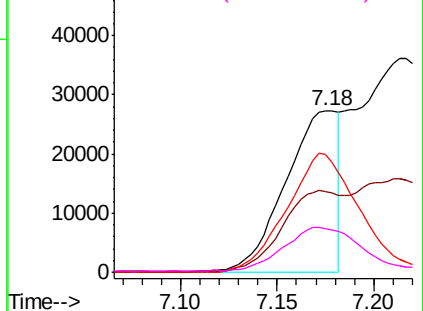
#41
Methacrylonitrile
Concen: 16.111 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN050796.D
Acq: 21 Aug 2018 21:47

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD02

Tot Ion: 41 Resp: 51837
Ion Ratio Lower Upper
41 100
39 57.4 45.4 68.0
67 101.6 70.6 106.0
52 38.9 27.1 40.7

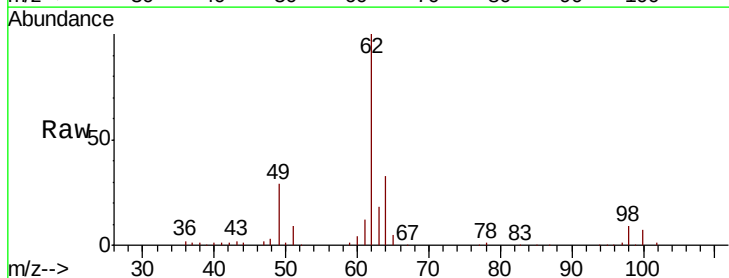


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

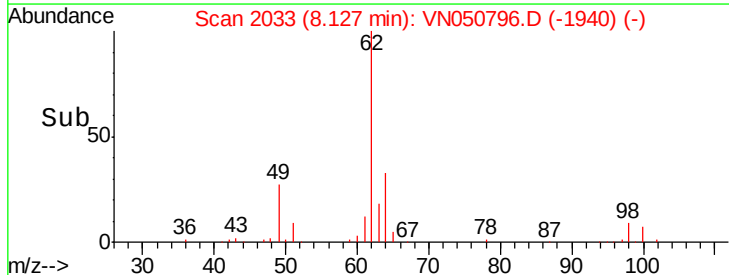
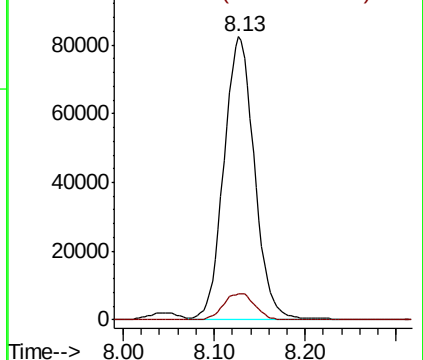


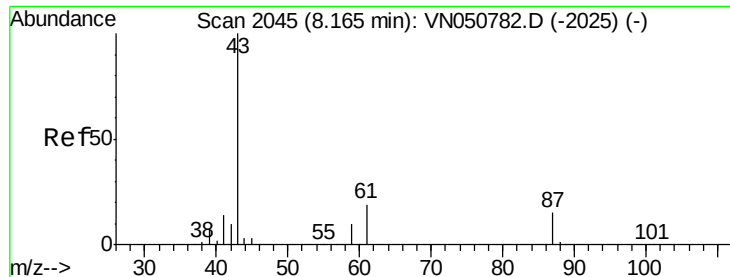
#42
1,2-Dichloroethane
Concen: 20.455 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN050796.D
Acq: 21 Aug 2018 21:47

Tgt Ion: 62 Resp: 190863
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.993 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD02

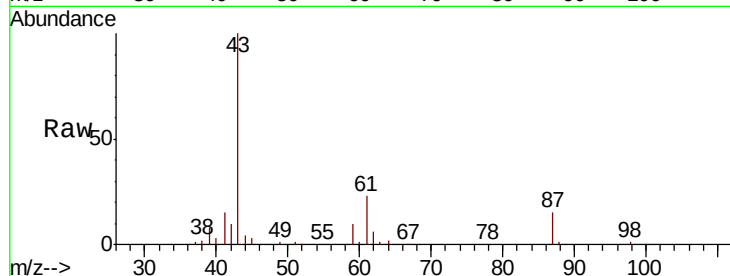
Tot Ion: 43 Resp: 204371

Ion Ratio Lower Upper

43 100

61 21.1 17.5 26.3

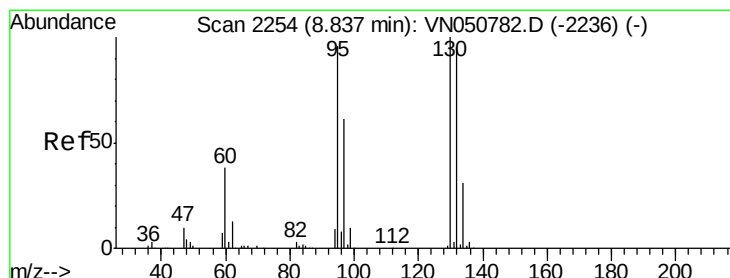
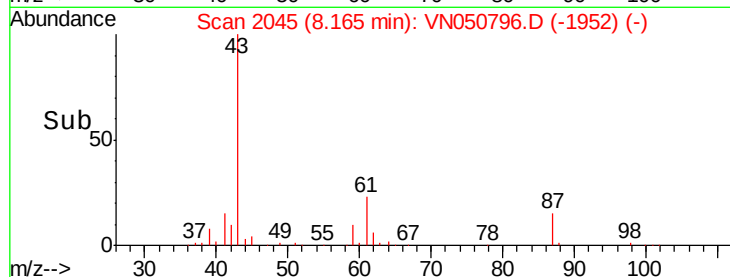
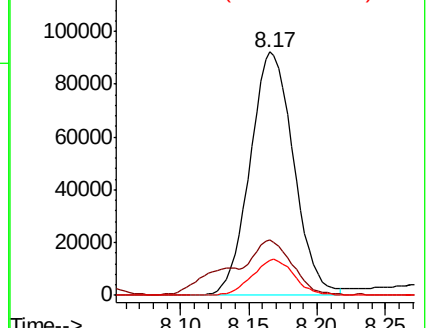
87 14.4 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN050782.D (-2025) (-)

Ion 61.00 (60.70 to 61.70): VN050782.D (-2025) (-)

Ion 87.00 (86.70 to 87.70): VN050782.D (-2025) (-)



#44

Trichloroethene

Concen: 20.390 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN050796.D

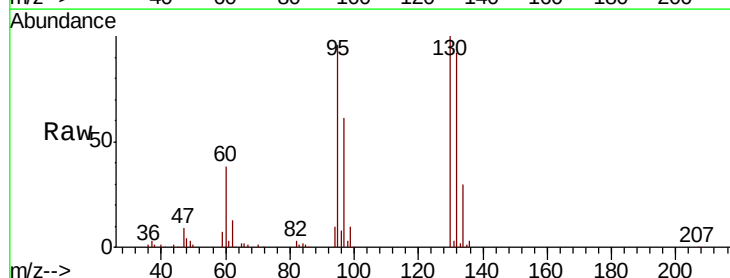
Acq: 21 Aug 2018 21:47

Tgt Ion:130 Resp: 167830

Ion Ratio Lower Upper

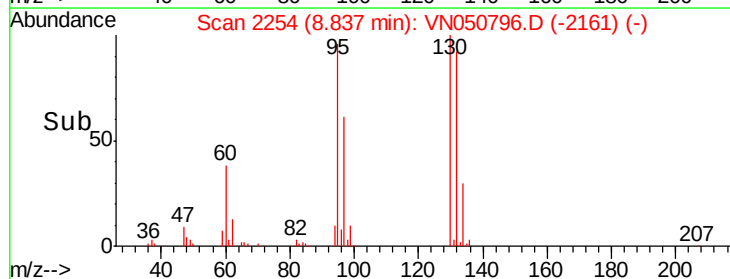
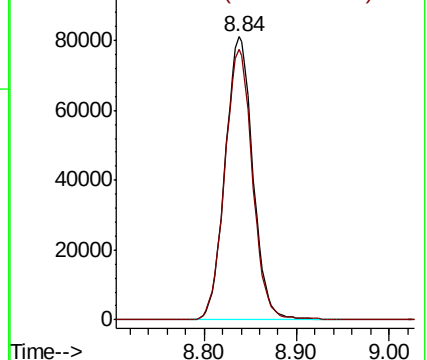
130 100

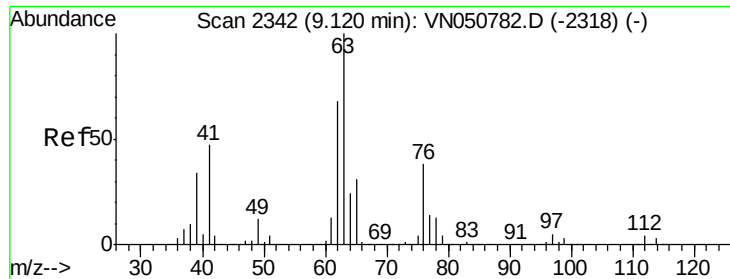
95 95.6 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): VN050782.D (-2236) (-)

Ion 94.90 (94.60 to 95.60): VN050782.D (-2236) (-)

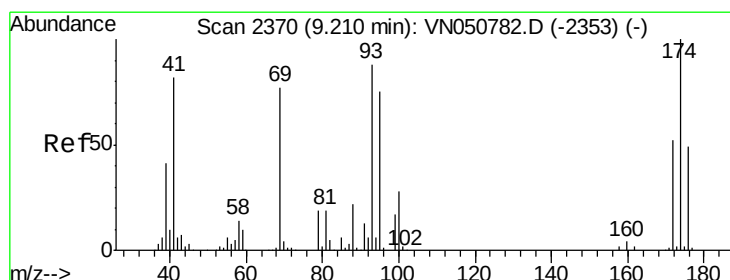
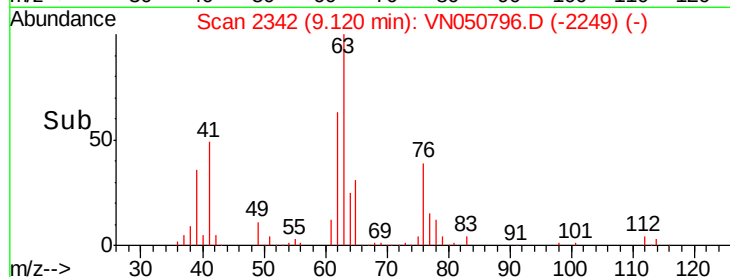
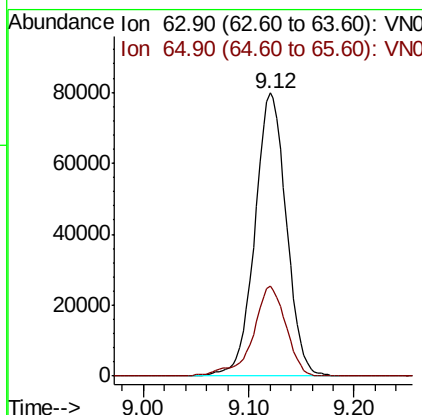
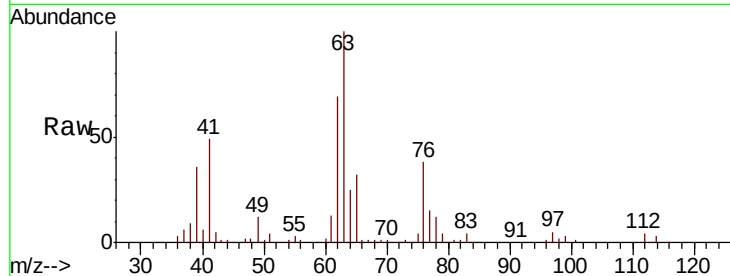




#45
 1,2-Dichloropropane
 Concen: 20.230 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

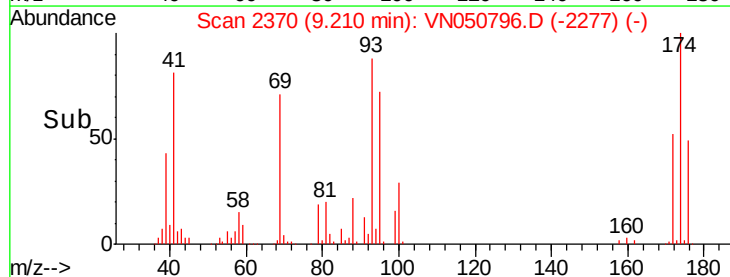
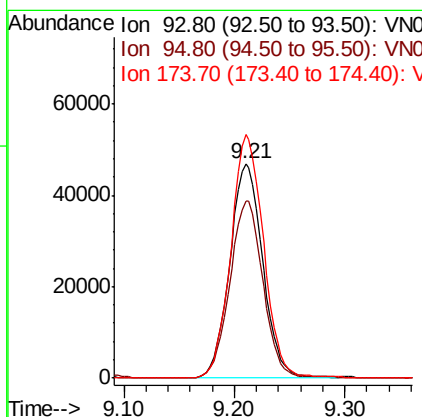
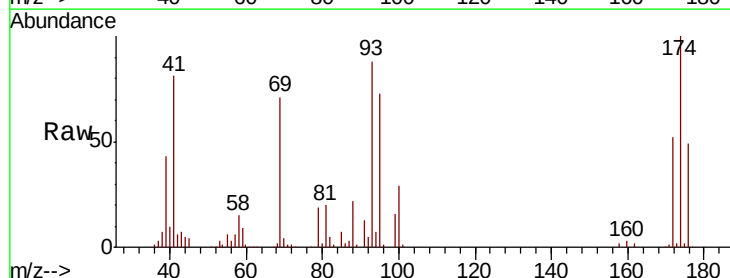
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD02

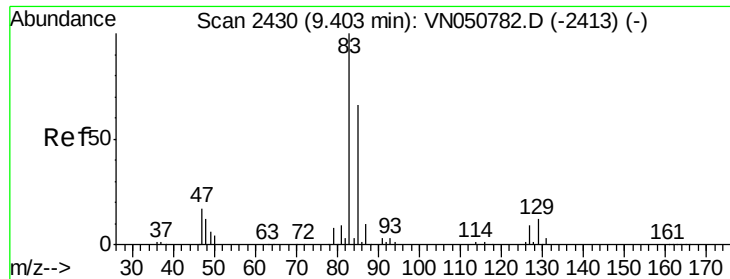
Tot Ion: 63 Resp: 165937
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.0 37.6



#46
 Dibromomethane
 Concen: 20.178 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

Tgt Ion: 93 Resp: 97250
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.7 100.1
 174 112.5 89.8 134.6





#47

Bromodichloromethane

Concen: 20.355 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD02

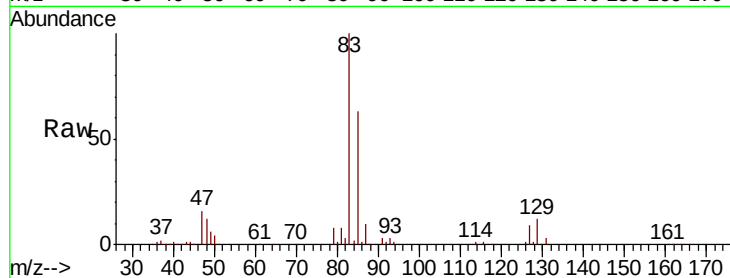
Tot Ion: 83 Resp: 205471

Ion Ratio Lower Upper

83 100

85 63.3 52.6 78.8

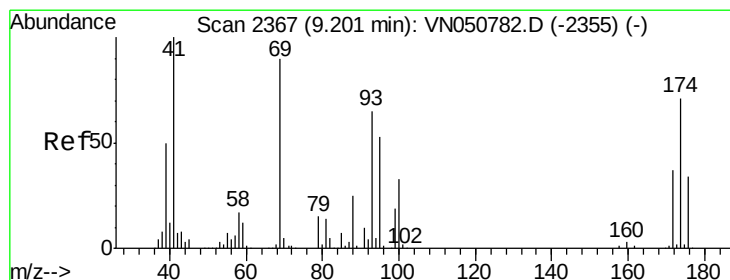
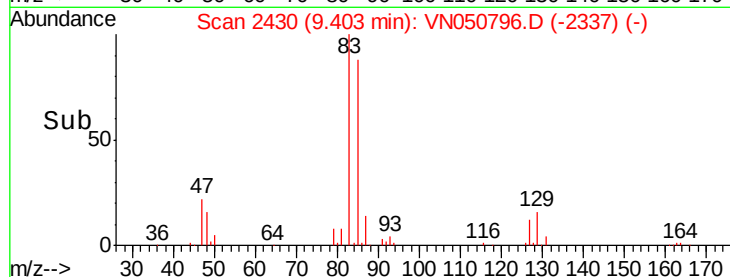
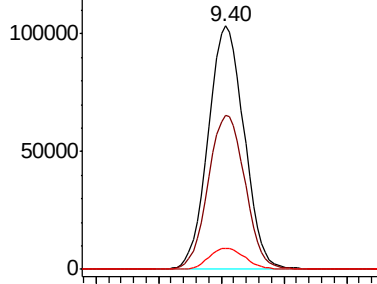
127 8.6 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 20.346 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

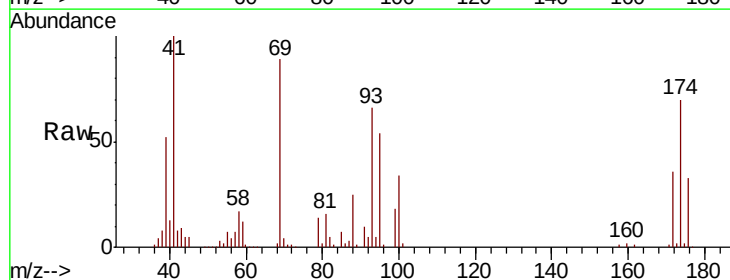
Tgt Ion: 41 Resp: 105992

Ion Ratio Lower Upper

41 100

69 90.0 74.7 112.1

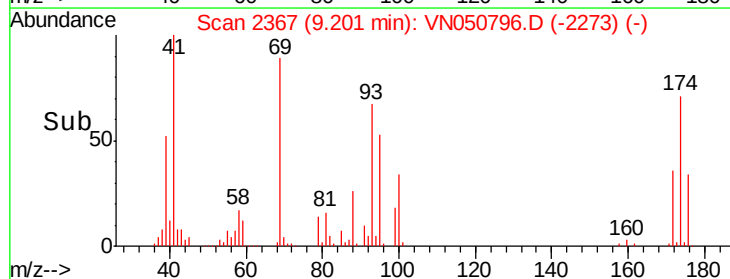
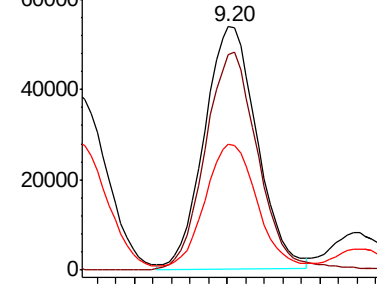
39 51.0 42.2 63.2

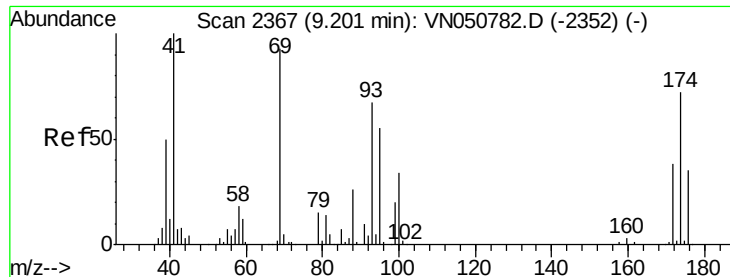


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 411.208 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD02

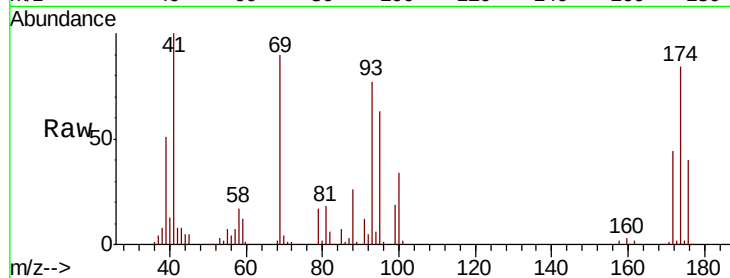
Tot Ion: 88 Resp: 29203

Ion Ratio Lower Upper

88 100

43 31.9 25.9 38.9

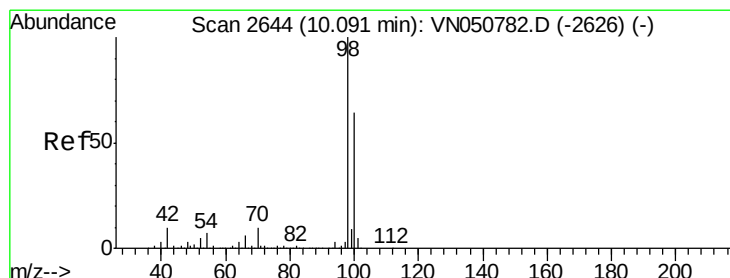
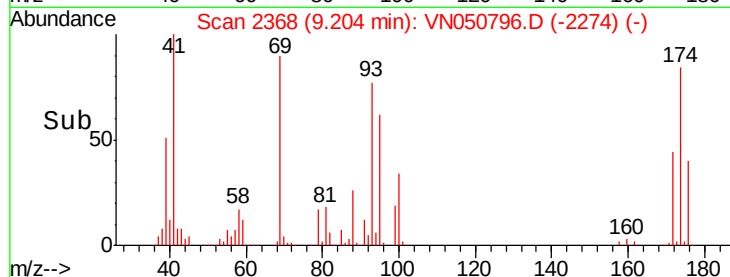
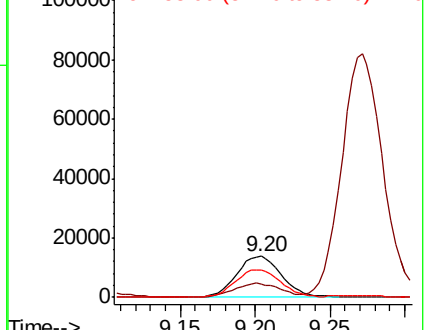
58 67.3 55.0 82.4



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: 52.266 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050796.D

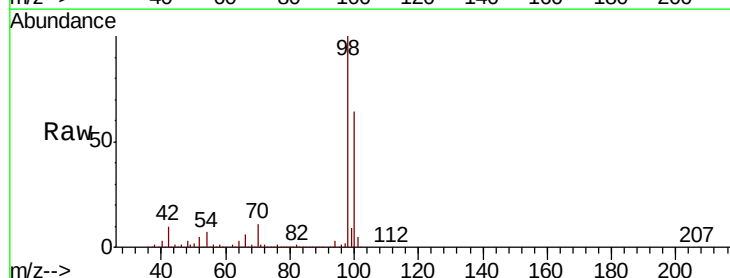
Acq: 21 Aug 2018 21:47

Tgt Ion: 98 Resp: 1363453

Ion Ratio Lower Upper

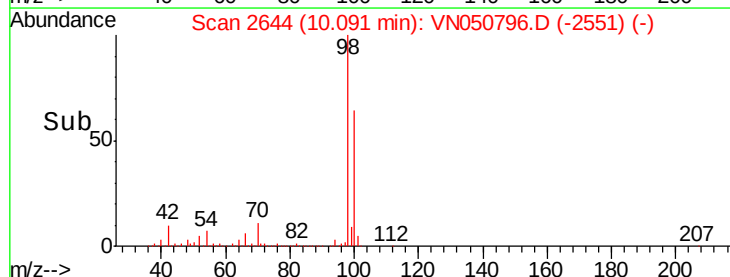
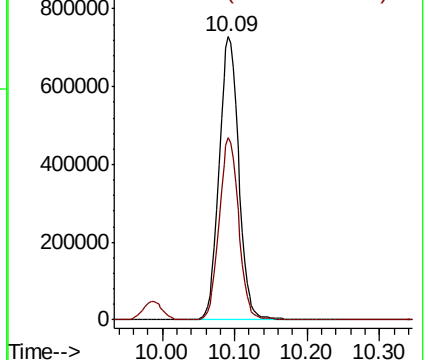
98 100

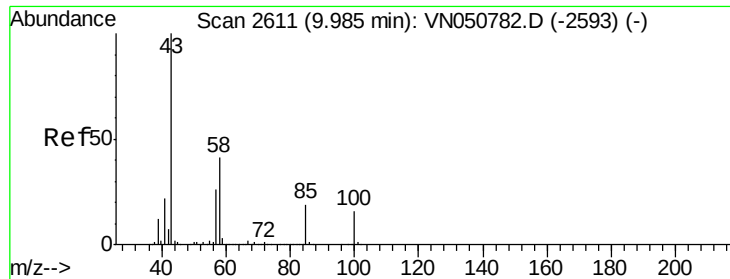
100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

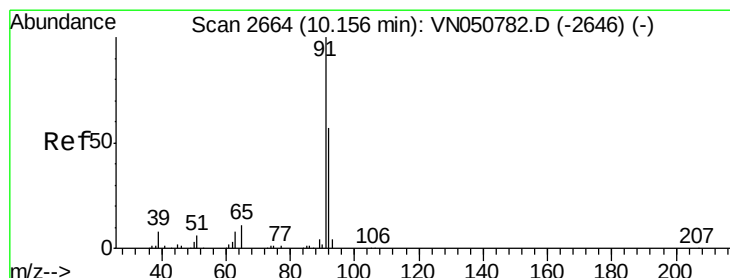
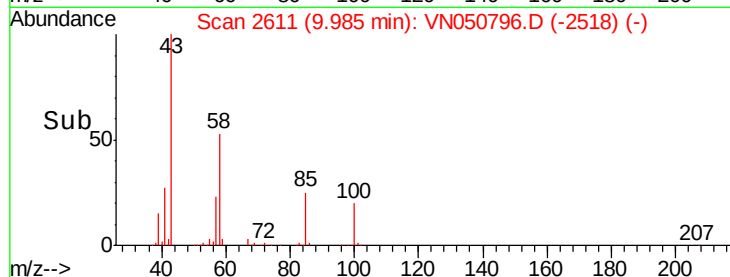
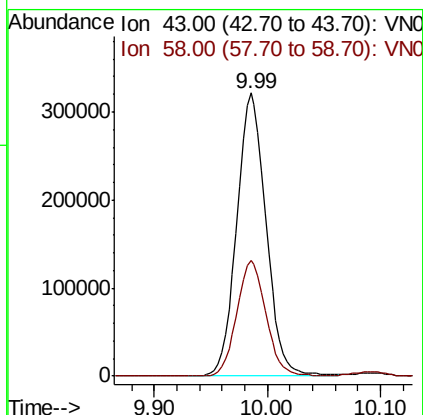
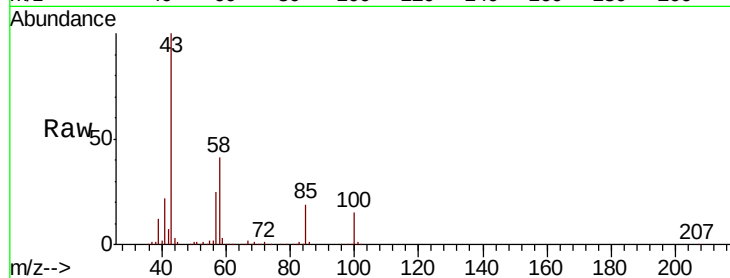




#51
 4-Methyl-2-Pentanone
 Concen: 94.973 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

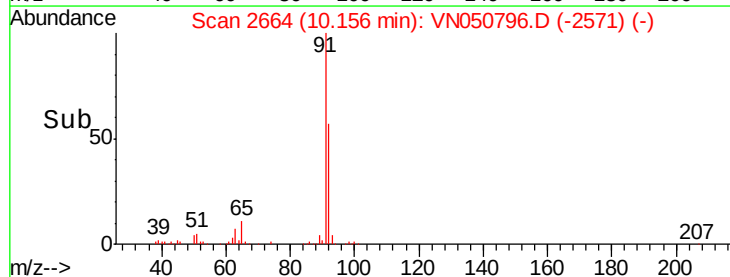
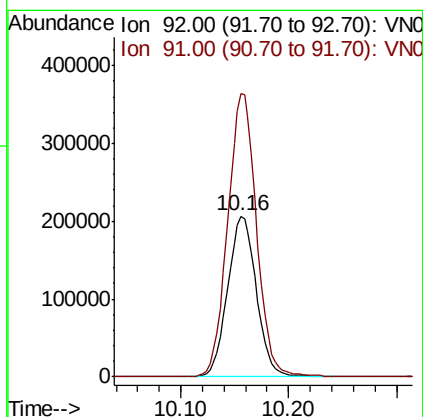
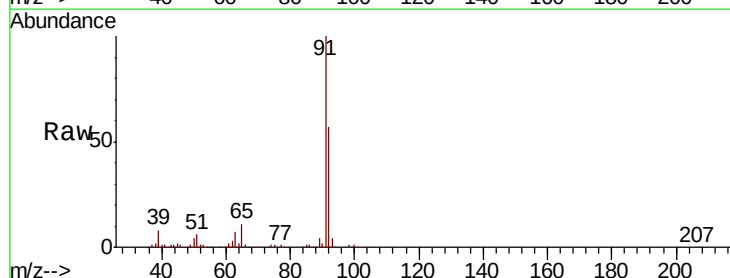
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD02

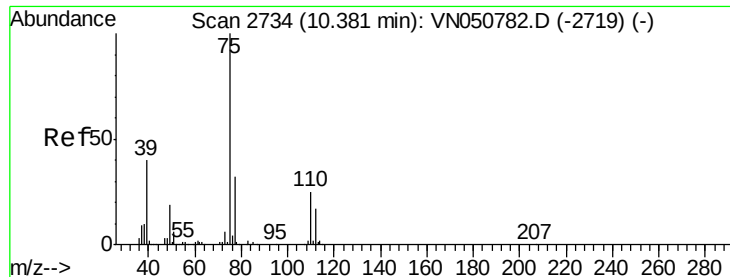
Tot Ion: 43 Resp: 579333
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.4 48.6



#52
 Toluene
 Concen: 20.804 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

Tgt Ion: 92 Resp: 384617
 Ion Ratio Lower Upper
 92 100
 91 176.6 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 19.109 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

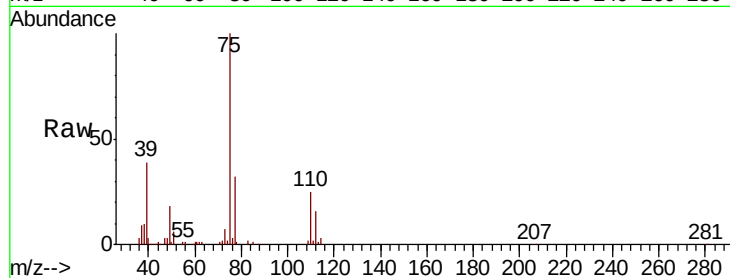
VN0821WBSD02

Tot Ion: 75 Resp: 191996

Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

120000

100000

80000

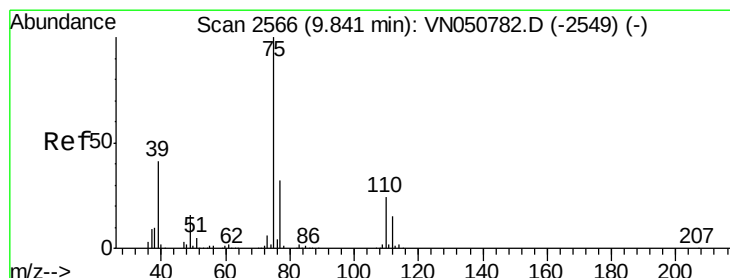
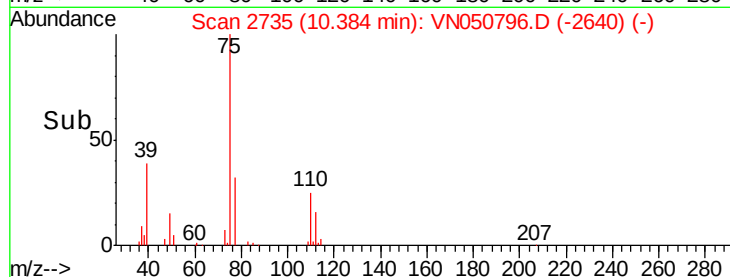
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.692 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

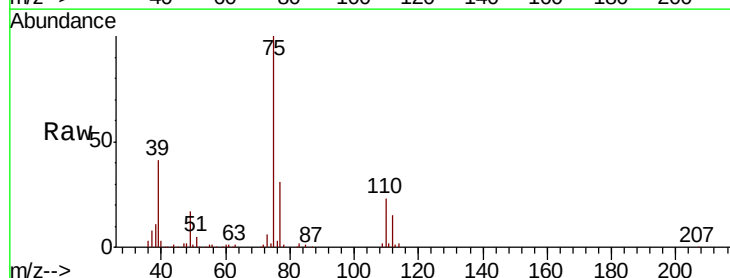
Tgt Ion: 75 Resp: 226568

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2

39 40.8 33.0 49.4



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

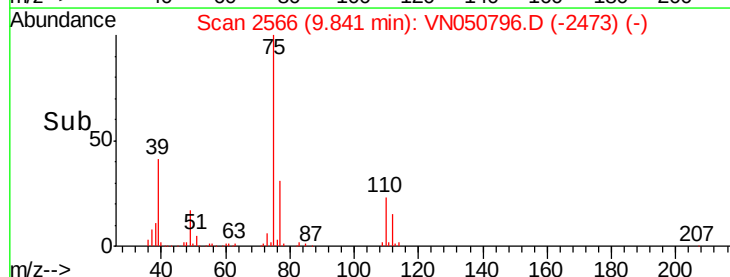
150000

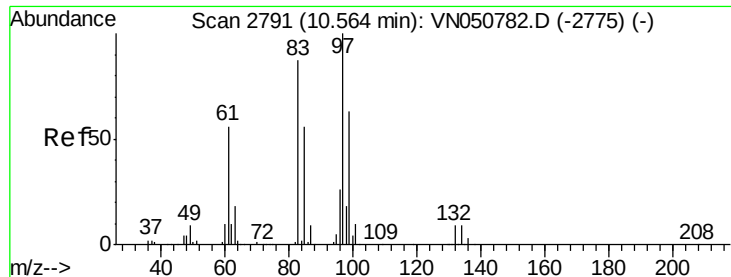
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 20.289 ug/l

RT: 10.56 min Scan# 2791

Delta R.T. -0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD02

Tot Ion: 97 Resp: 139224

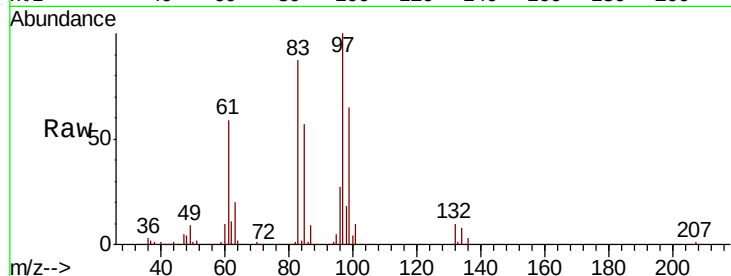
Ion Ratio Lower Upper

97 100

83 86.9 69.7 104.5

85 56.8 44.5 66.7

99 65.4 50.7 76.1



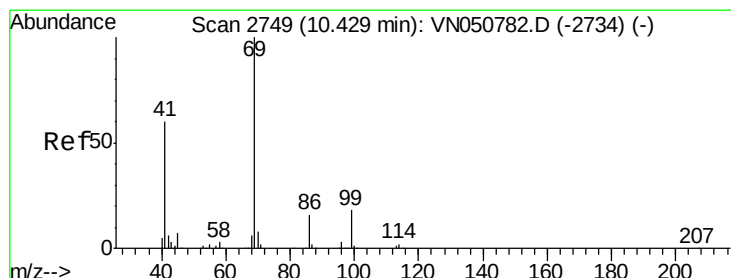
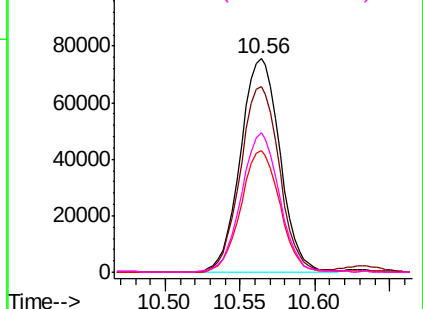
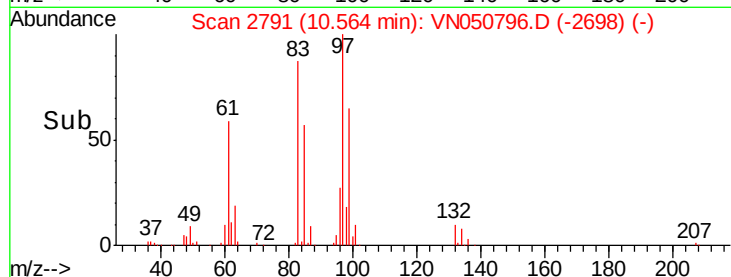
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 18.648 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

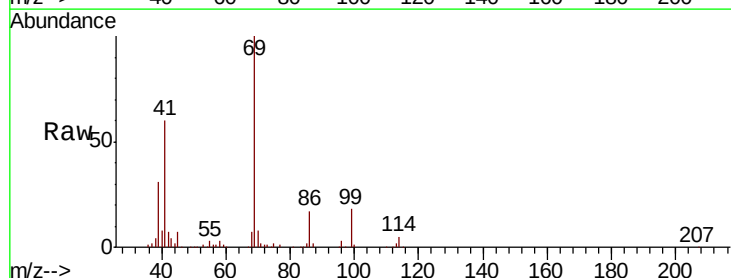
Tgt Ion: 69 Resp: 152656

Ion Ratio Lower Upper

69 100

41 62.1 48.3 72.5

39 31.3 24.0 36.0

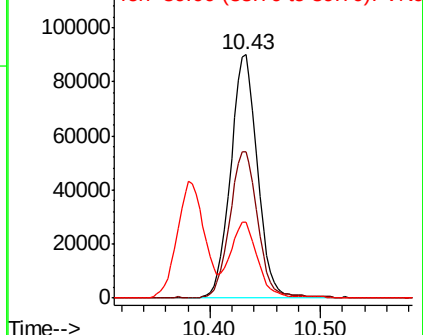
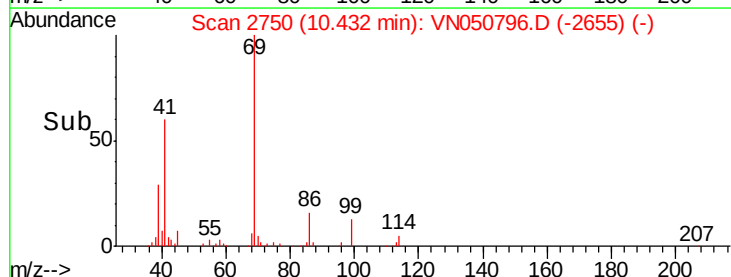


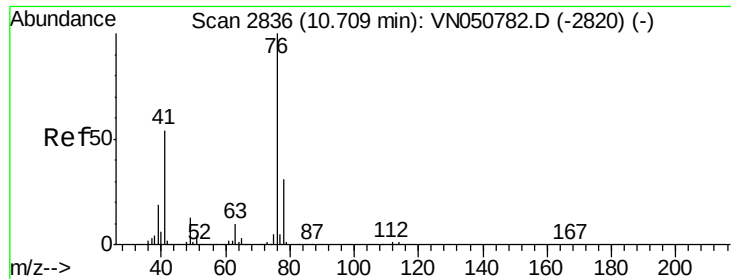
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

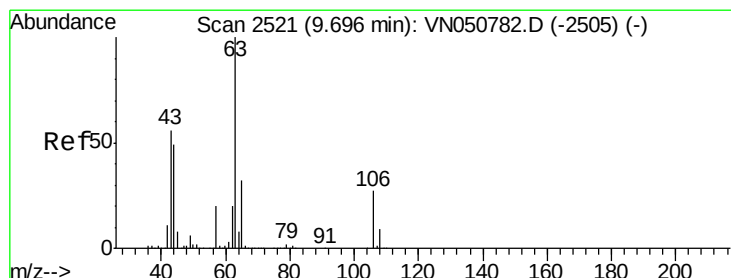
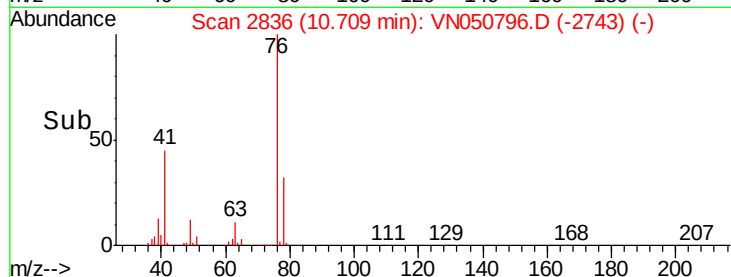
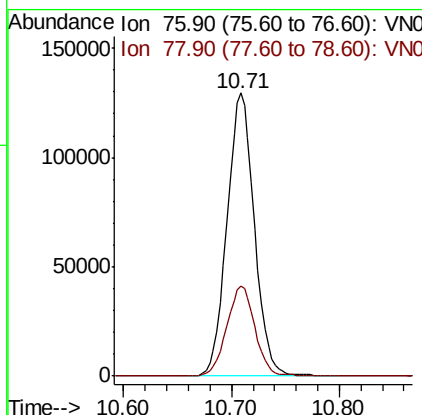
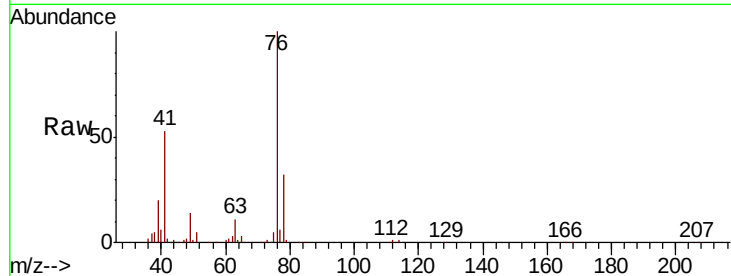




#57
 1,3-Dichloropropane
 Concen: 20.216 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

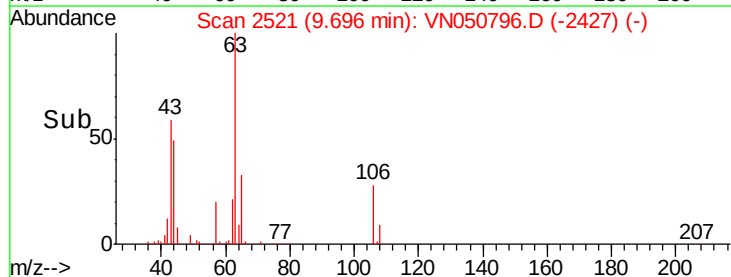
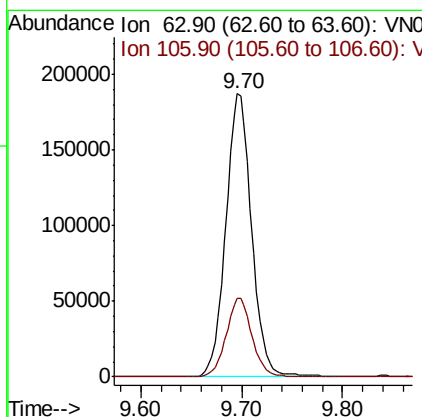
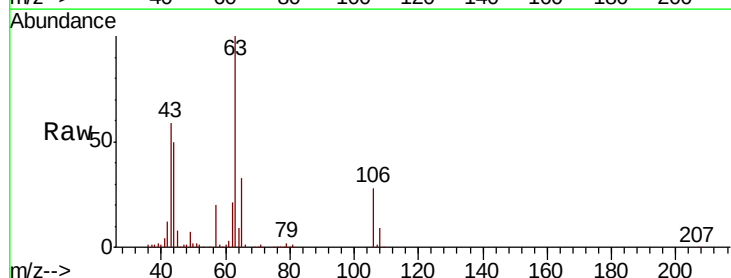
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD02

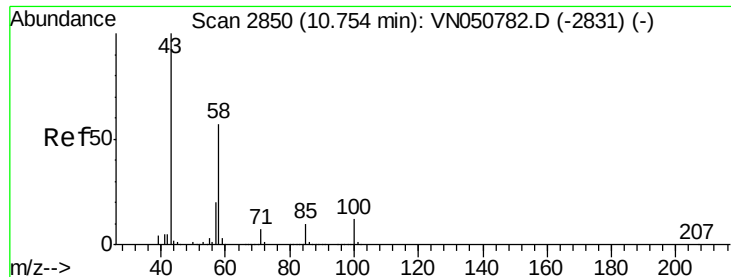
Tot Ion: 76 Resp: 228975
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.746 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

Tgt Ion: 63 Resp: 333868
 Ion Ratio Lower Upper
 63 100
 106 27.6 21.9 32.9

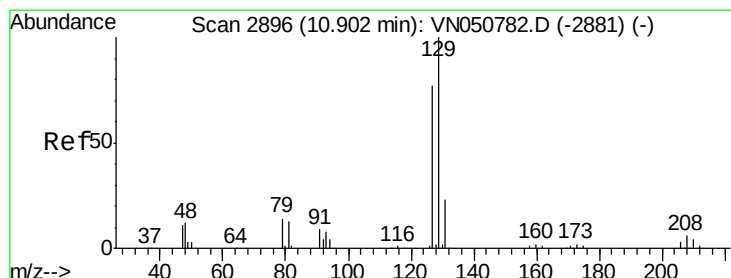
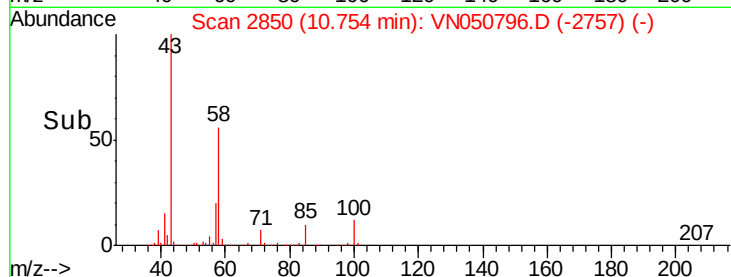
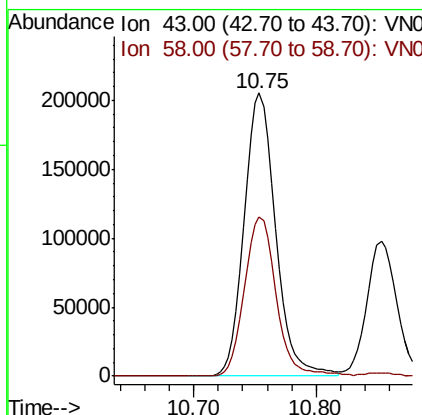
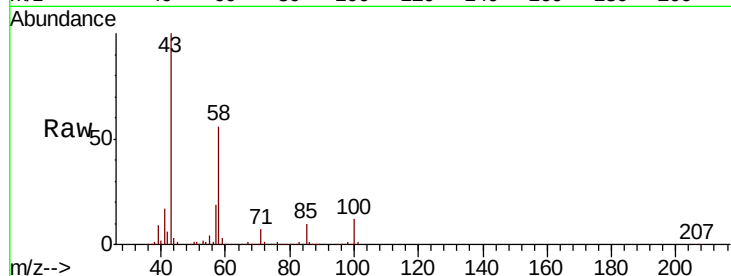




#59
2-Hexanone
Concen: 89.756 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN050796.D
Acq: 21 Aug 2018 21:47

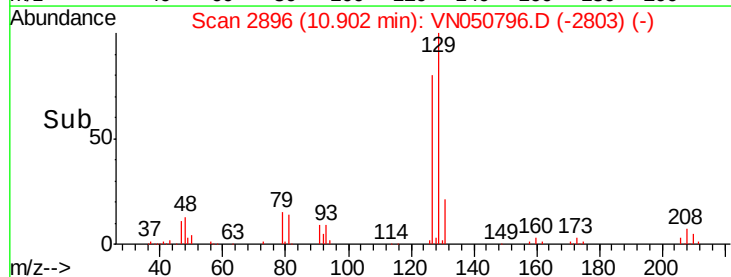
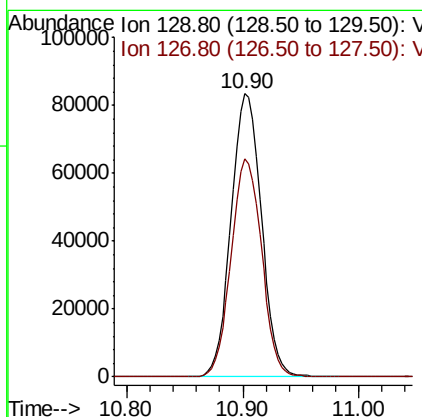
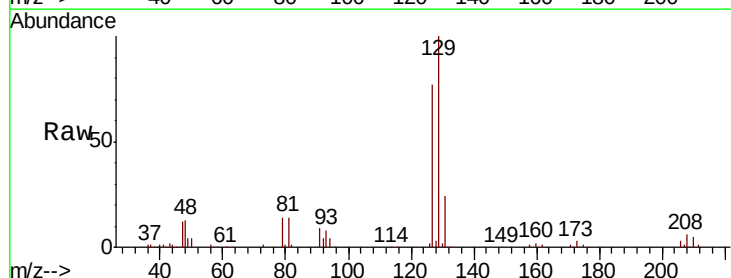
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD02

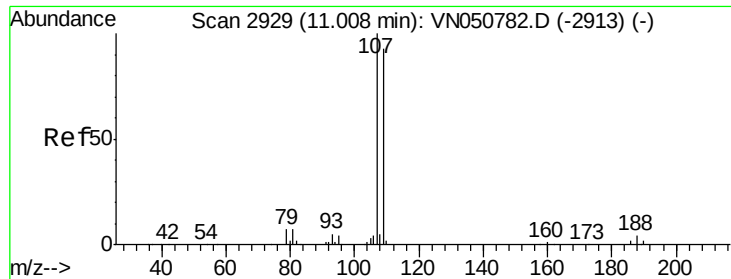
Tot Ion: 43 Resp: 364492
Ion Ratio Lower Upper
43 100
58 56.5 28.3 85.0



#60
Dibromochloromethane
Concen: 19.736 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN050796.D
Acq: 21 Aug 2018 21:47

Tgt Ion: 129 Resp: 151630
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.9

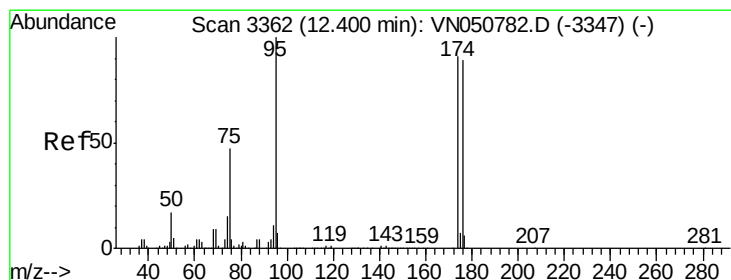
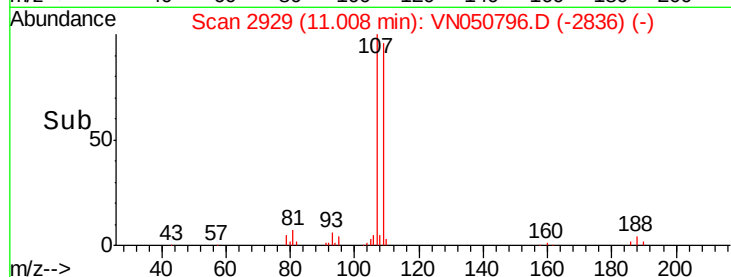
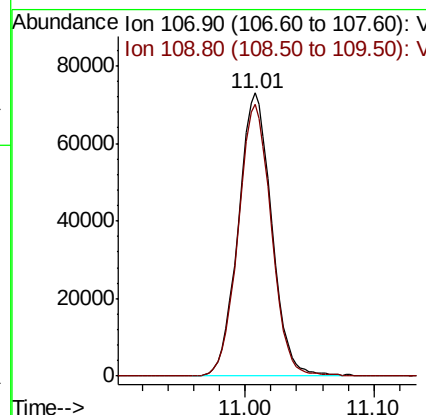
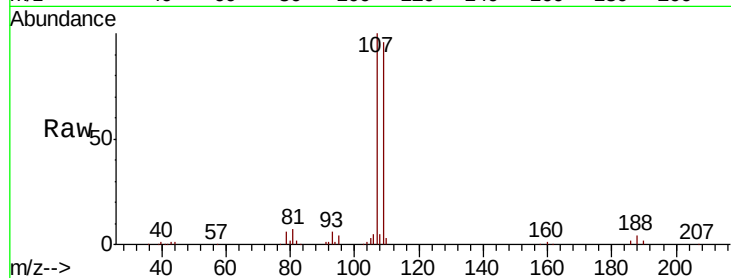




#61
 1,2-Dibromoethane
 Concen: 19.782 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

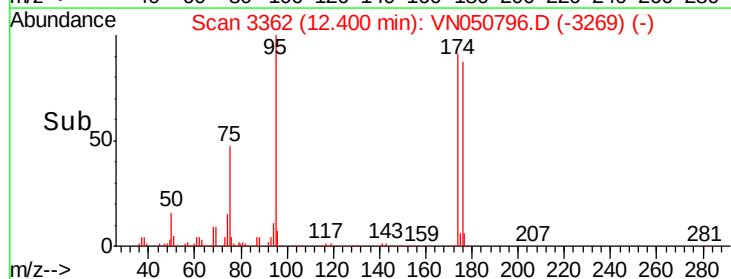
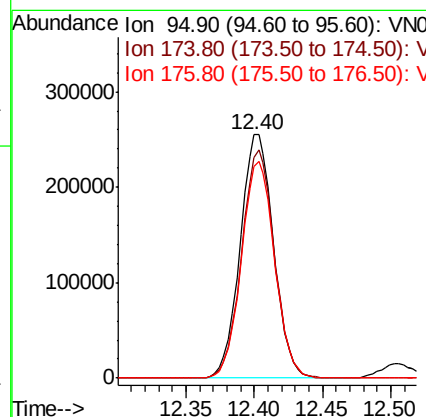
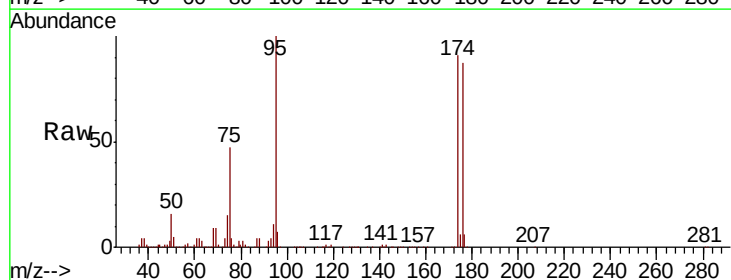
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD02

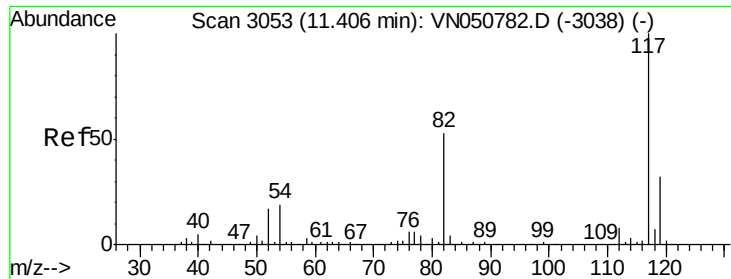
Tot Ion: 107 Resp: 131257
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 49.810 ug/l
 RT: 12.40 min Scan# 3362
 Delta R.T. -0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

Tgt Ion: 95 Resp: 431791
 Ion Ratio Lower Upper
 95 100
 174 92.1 0.0 183.0
 176 88.8 0.0 178.8

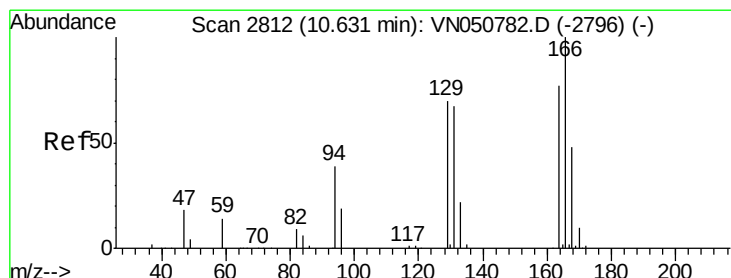
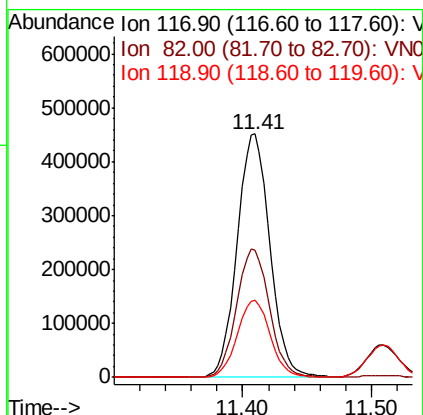
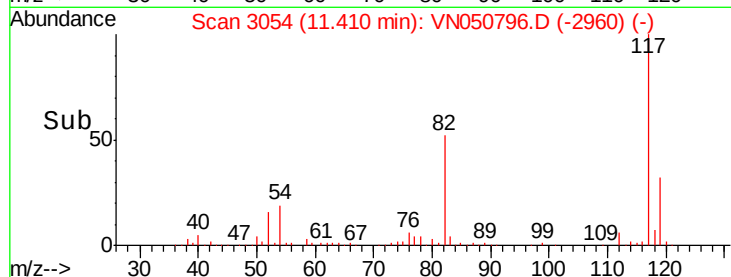
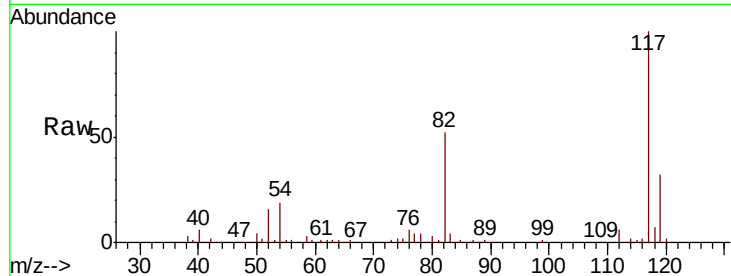




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050796.D
Acq: 21 Aug 2018 21:47

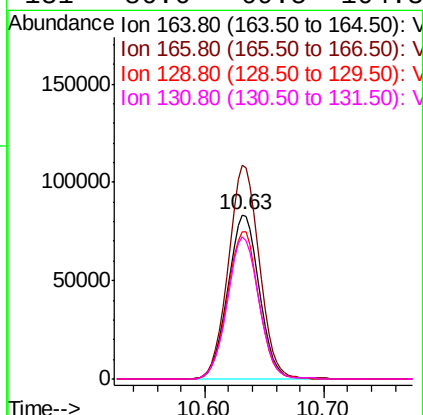
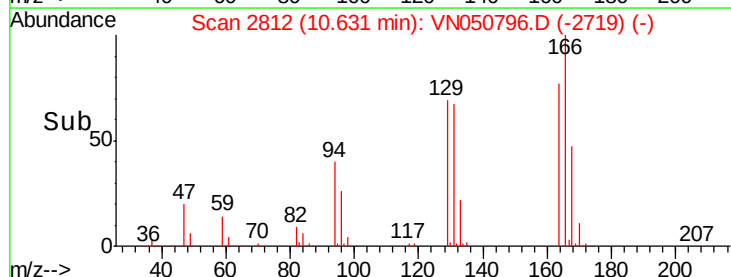
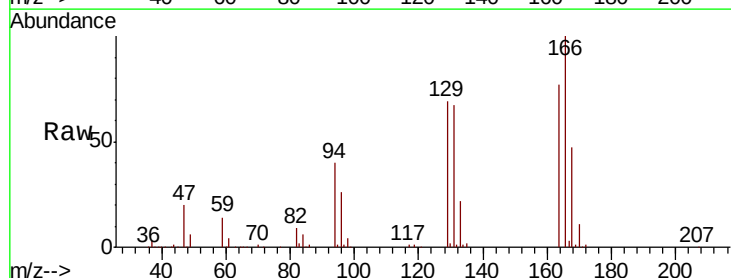
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD02

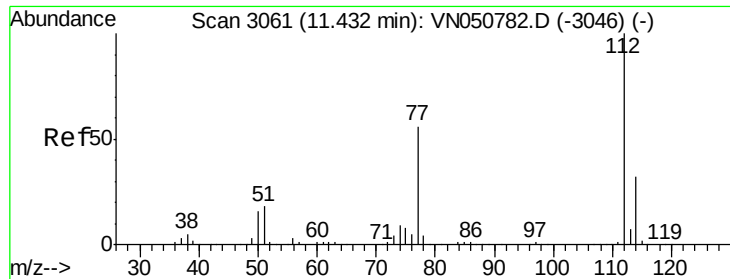
Tot Ion:117 Resp: 798570
Ion Ratio Lower Upper
117 100
82 52.3 42.6 64.0
119 31.6 25.8 38.6



#64
Tetrachloroethene
Concen: 20.125 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050796.D
Acq: 21 Aug 2018 21:47

Tgt Ion:164 Resp: 152646
Ion Ratio Lower Upper
164 100
166 130.0 103.5 155.3
129 89.7 72.7 109.1
131 86.6 69.5 104.3

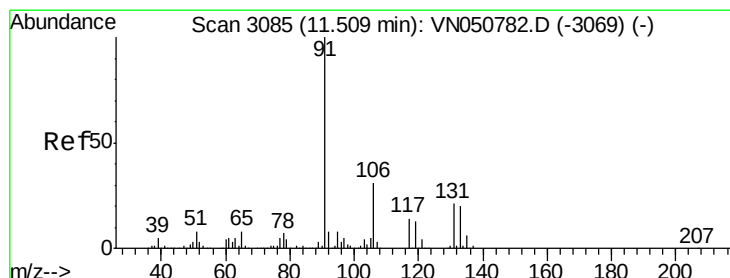
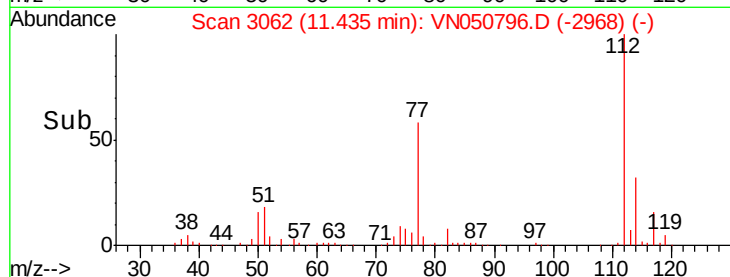
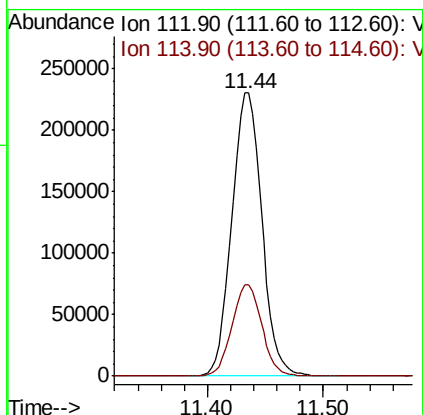
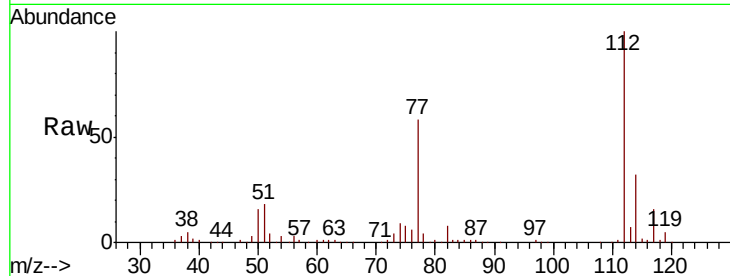




#65
Chlorobenzene
Concen: 19.761 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN050796.D
Acq: 21 Aug 2018 21:47

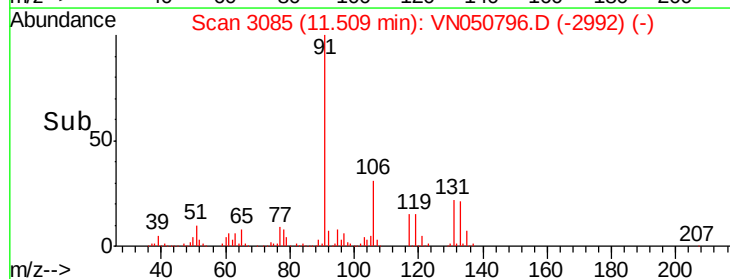
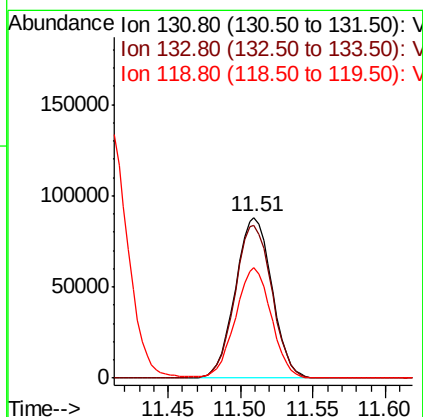
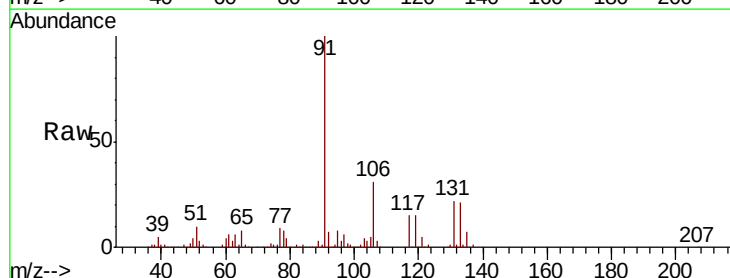
Instrument :
MSVOA_N
ClientSampled :
VN0821WBSD02

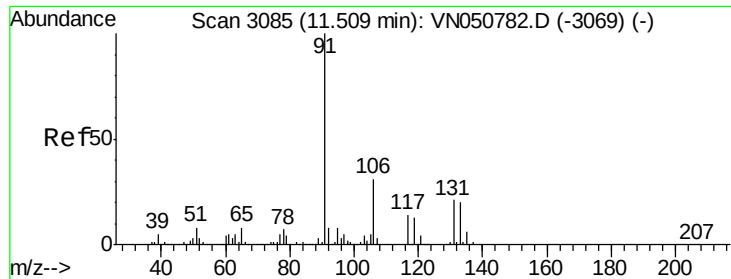
Tot Ion:112 Resp: 412470
Ion Ratio Lower Upper
112 100
114 32.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.280 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN050796.D
Acq: 21 Aug 2018 21:47

Tgt Ion:131 Resp: 154881
Ion Ratio Lower Upper
131 100
133 95.9 47.4 142.3
119 67.3 32.8 98.4





#67

Ethyl Benzene

Concen: 20.194 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

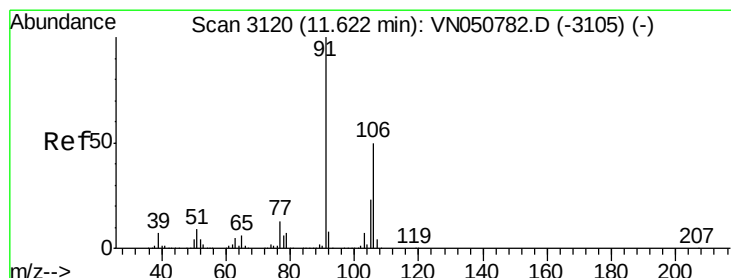
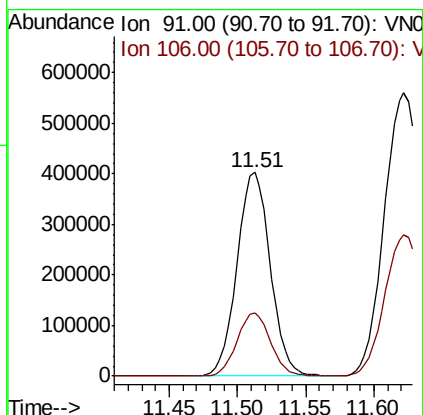
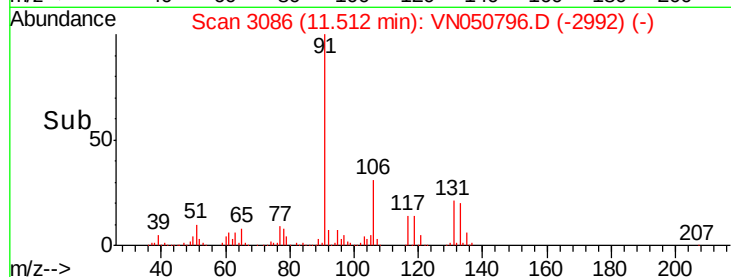
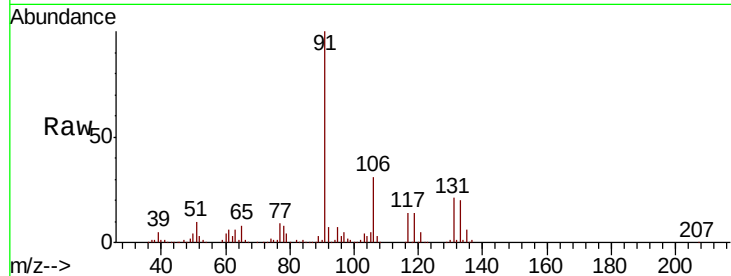
VN0821WBSD02

Tot Ion: 91 Resp: 685270

Ion Ratio Lower Upper

91 100

106 31.1 25.0 37.4



#68

m/p-Xylenes

Concen: 42.012 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN050796.D

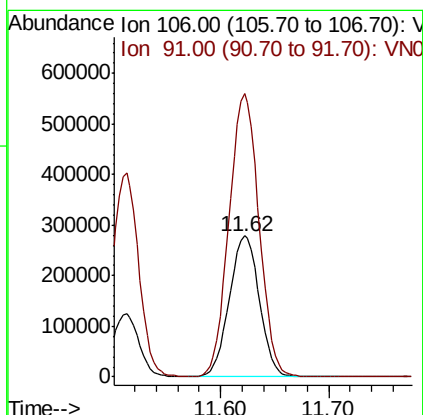
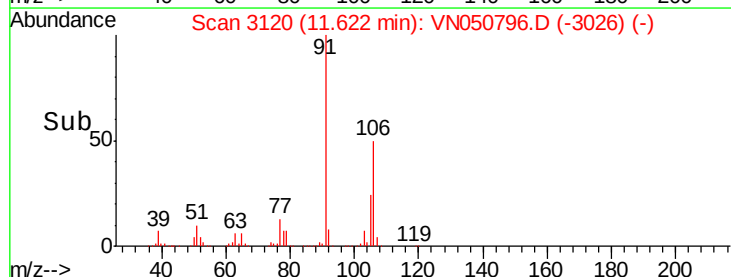
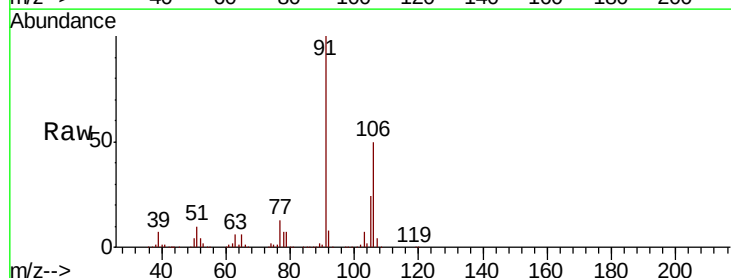
Acq: 21 Aug 2018 21:47

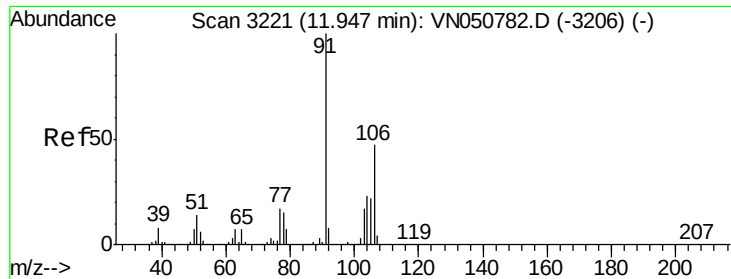
Tgt Ion:106 Resp: 541127

Ion Ratio Lower Upper

106 100

91 200.4 161.0 241.6

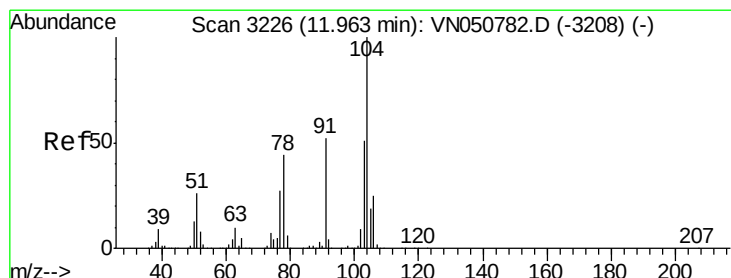
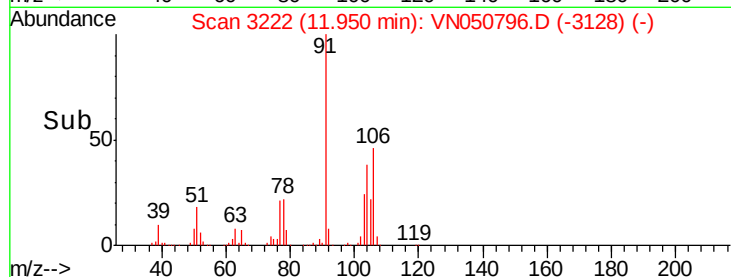
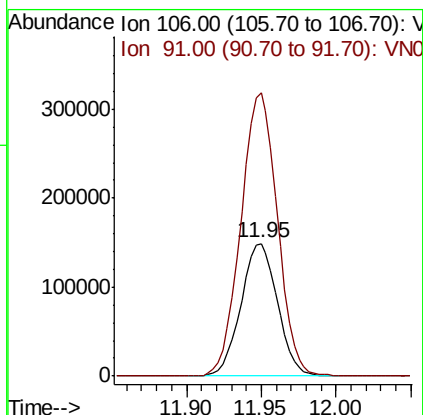
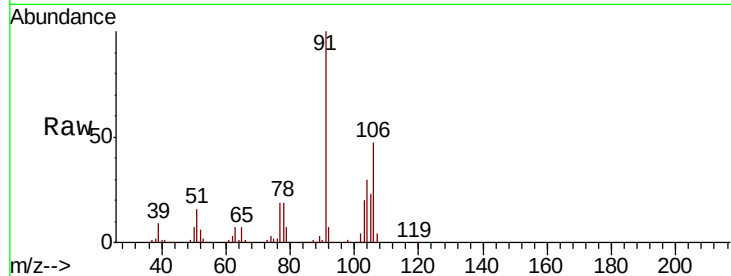




#69
o-Xylene
Concen: 20.447 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050796.D
Acq: 21 Aug 2018 21:47

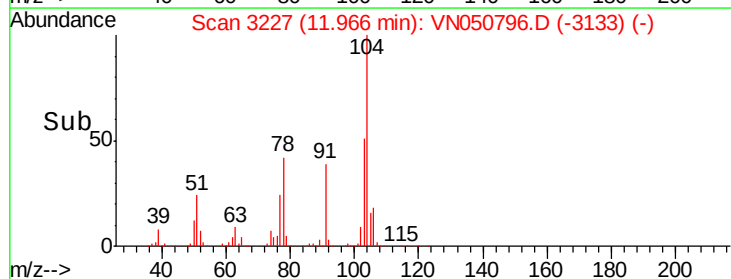
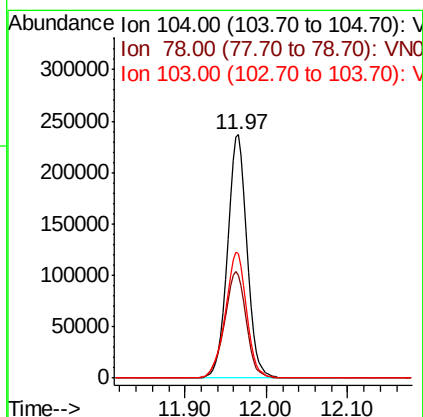
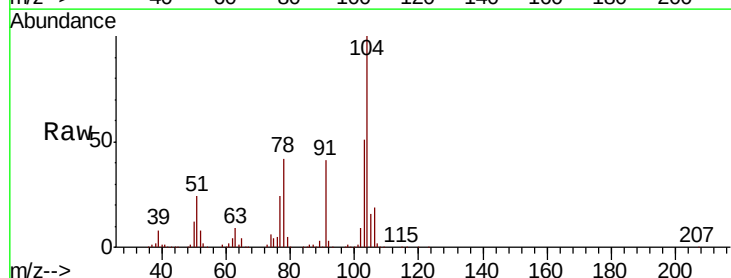
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD02

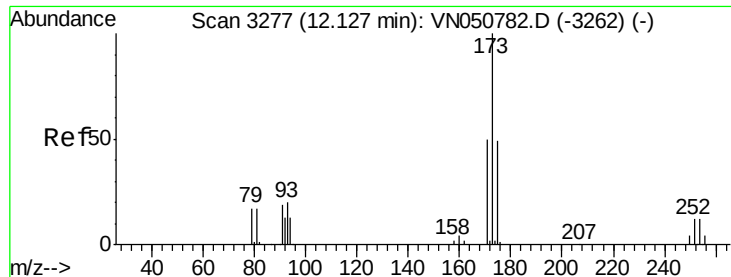
Tot Ion:106 Resp: 253191
Ion Ratio Lower Upper
106 100
91 214.0 106.5 319.5



#70
Styrene
Concen: 19.212 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050796.D
Acq: 21 Aug 2018 21:47

Tgt Ion:104 Resp: 401731
Ion Ratio Lower Upper
104 100
78 48.7 38.2 57.4
103 56.2 44.4 66.6





#71

Bromoform

Concen: 19.380 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD02

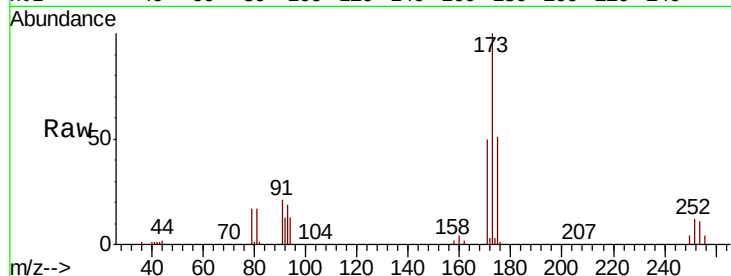
Tot Ion:173 Resp: 101781

Ion Ratio Lower Upper

173 100

175 50.8 24.4 73.4

254 0.0 0.1 0.1#

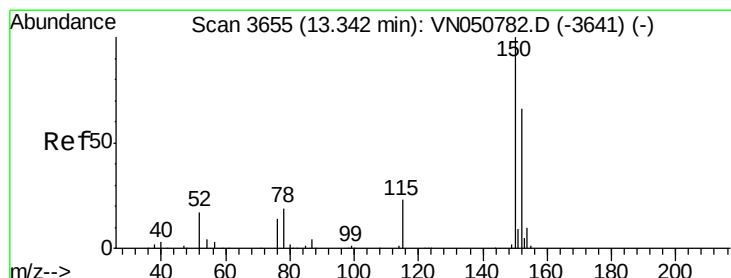
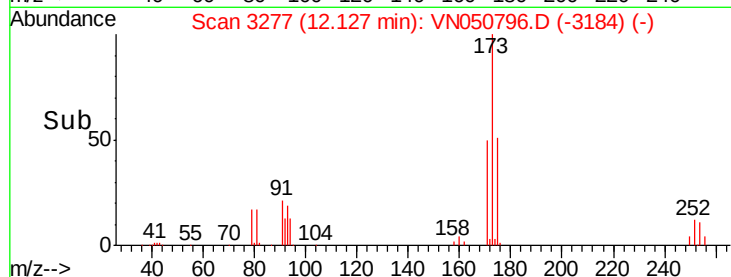
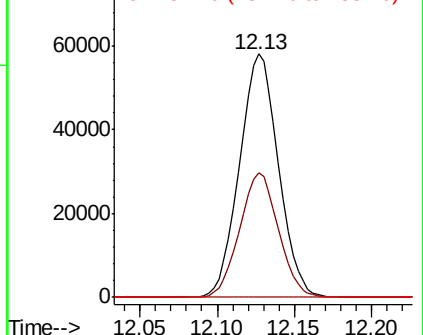


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3655

Delta R.T. -0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

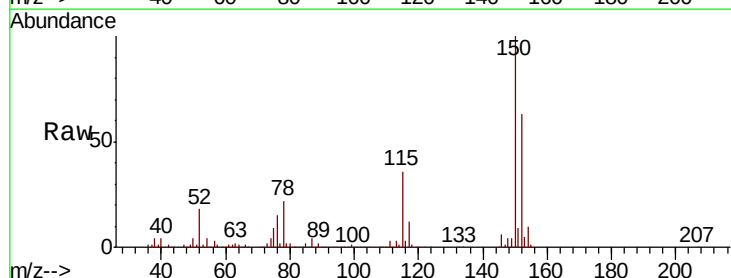
Tgt Ion:152 Resp: 386351

Ion Ratio Lower Upper

152 100

115 56.5 27.8 83.4

150 164.9 0.0 351.4

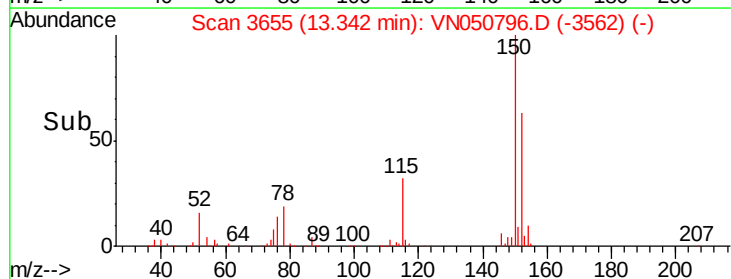
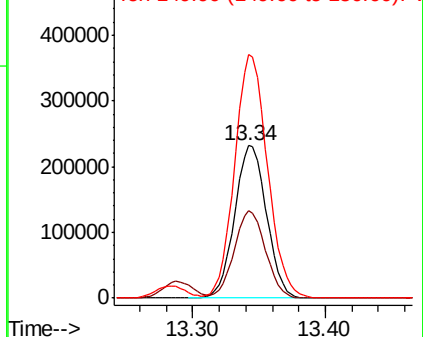


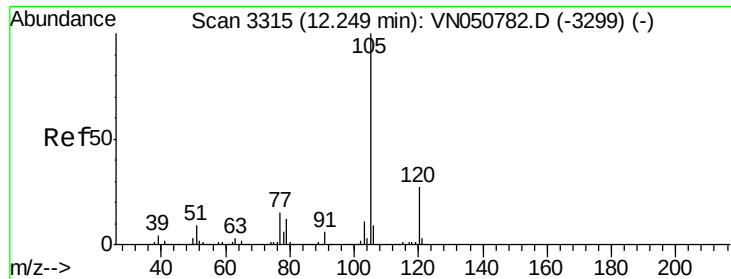
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.966 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

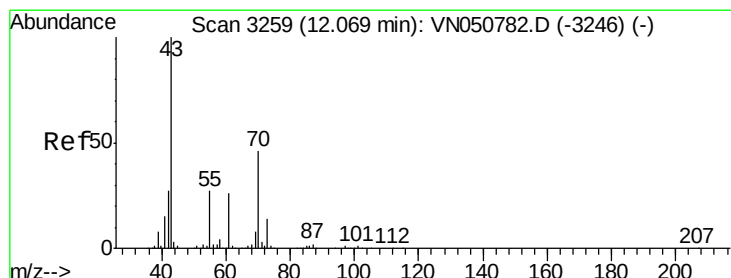
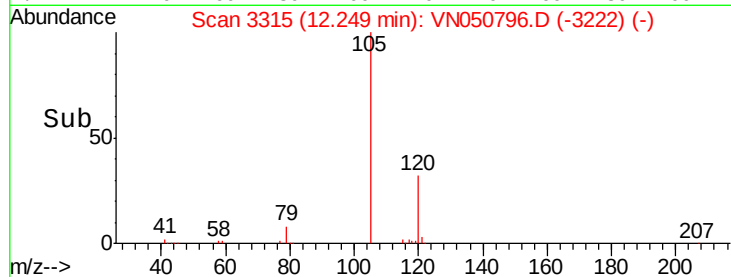
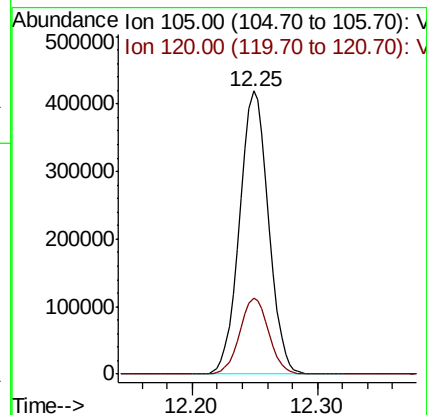
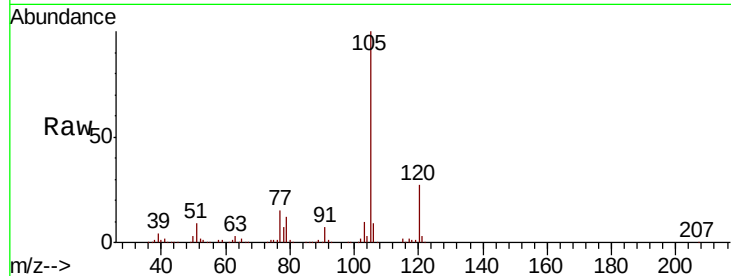
VN0821WBSD02

Tot Ion:105 Resp: 670713

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



#74

N-ethyl acetate

Concen: 19.801 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Tgt Ion: 43 Resp: 159161

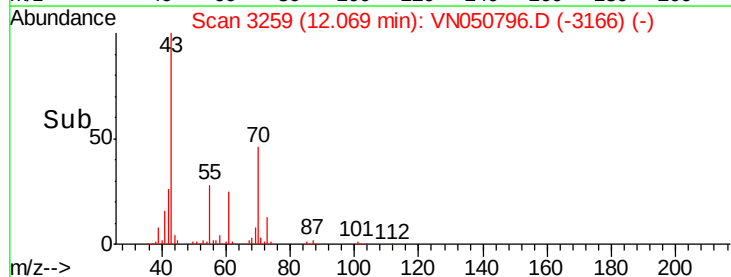
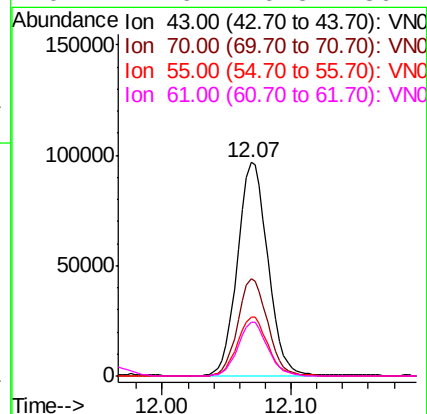
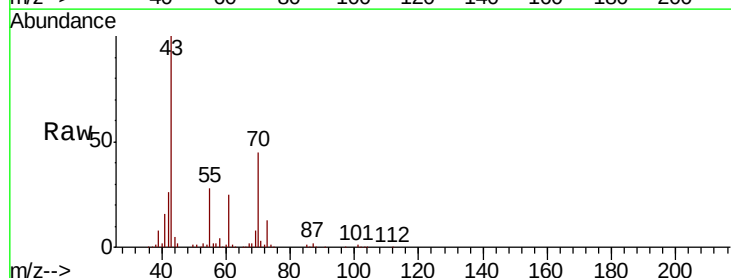
Ion Ratio Lower Upper

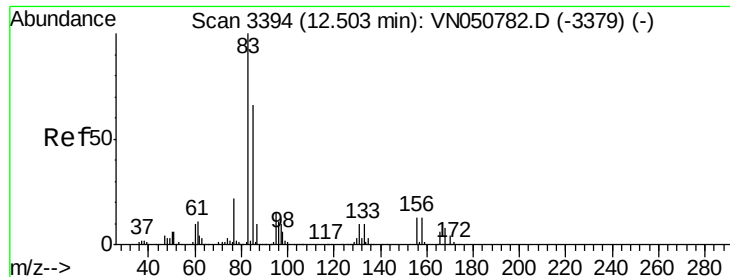
43 100

70 44.5 36.2 54.2

55 27.6 21.8 32.8

61 24.6 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.309 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Instrument :

MSVOA_N

ClientSampled :

VN0821WBSD02

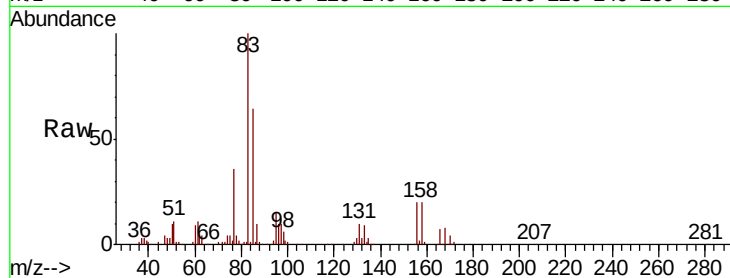
Tot Ion: 83 Resp: 169686

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.9

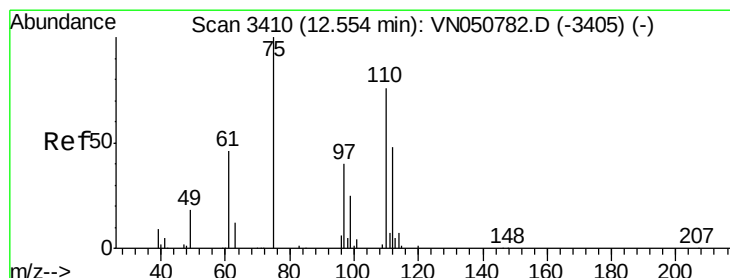
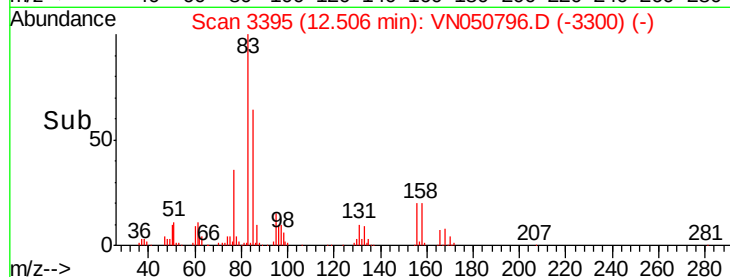
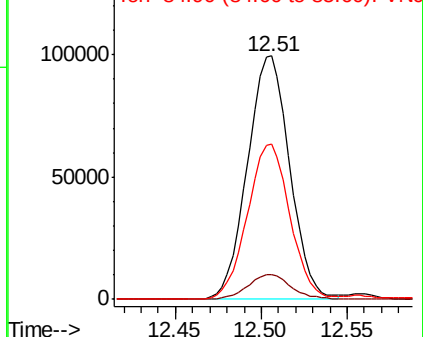
85 64.0 31.9 95.7



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



#76

1,2,3-Trichloropropane

Concen: 28.113 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN050796.D

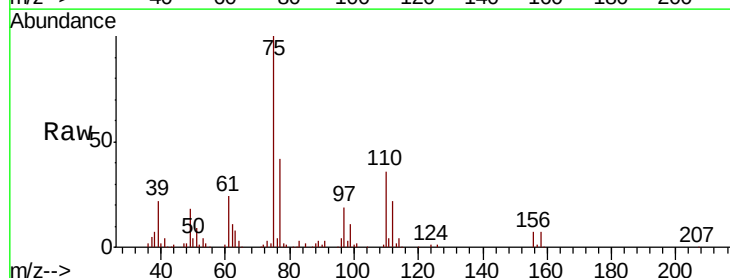
Acq: 21 Aug 2018 21:47

Tgt Ion: 75 Resp: 190236

Ion Ratio Lower Upper

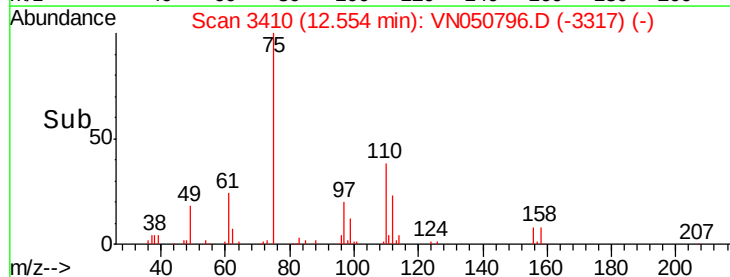
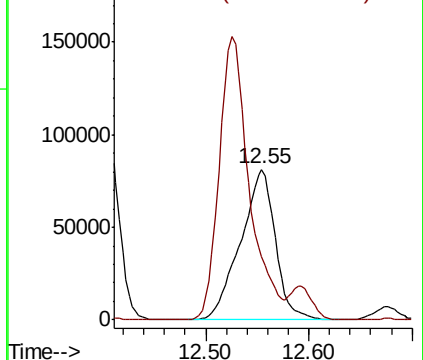
75 100

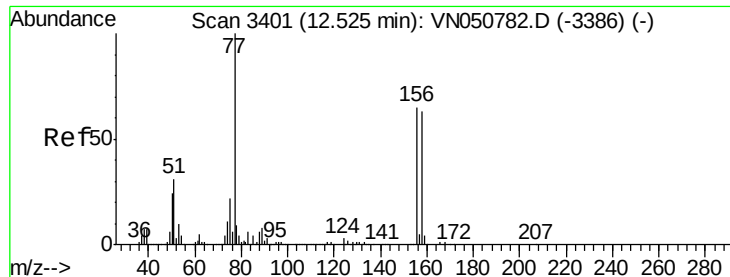
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.975 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD02

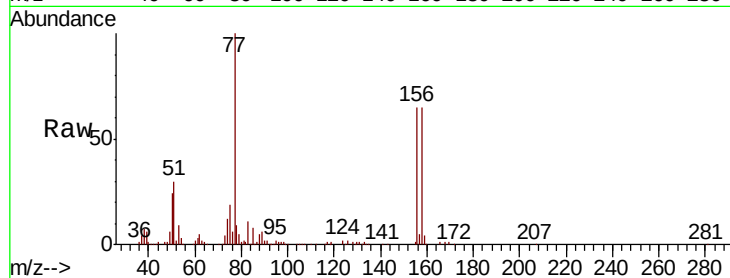
Tot Ion:156 Resp: 173668

Ion Ratio Lower Upper

156 100

77 179.8 89.9 269.7

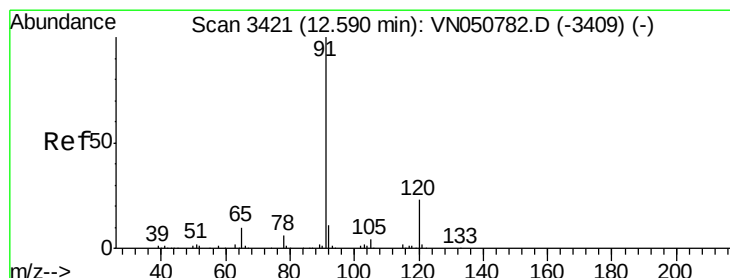
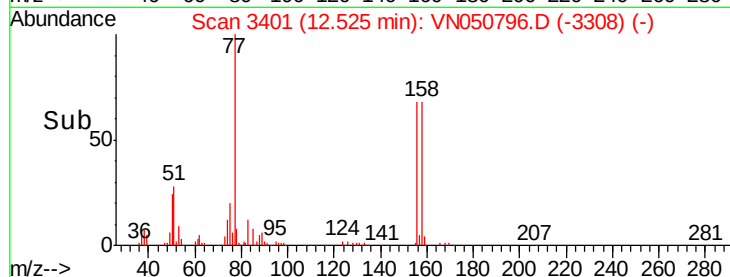
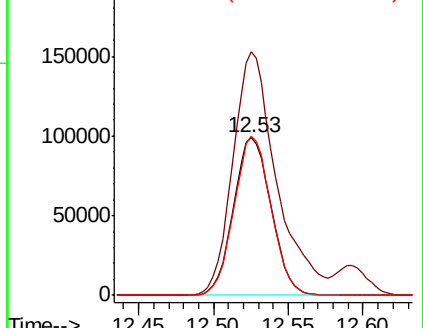
158 99.0 49.3 147.9



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: 20.920 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050796.D

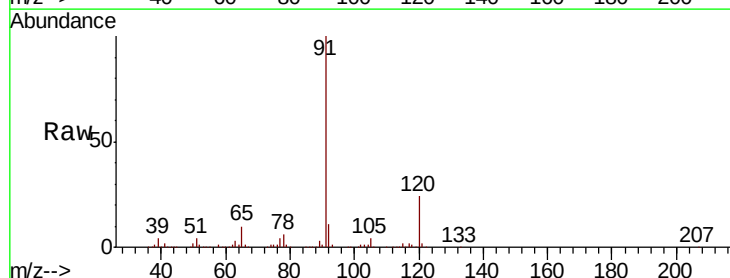
Acq: 21 Aug 2018 21:47

Tgt Ion: 91 Resp: 747617

Ion Ratio Lower Upper

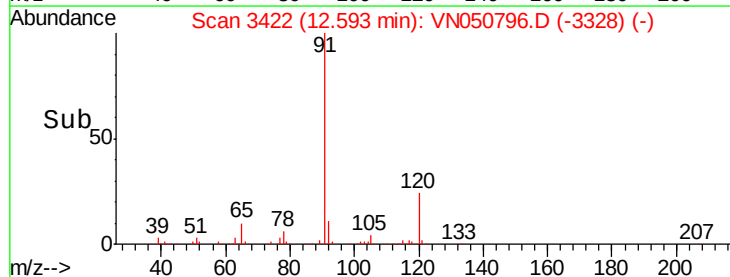
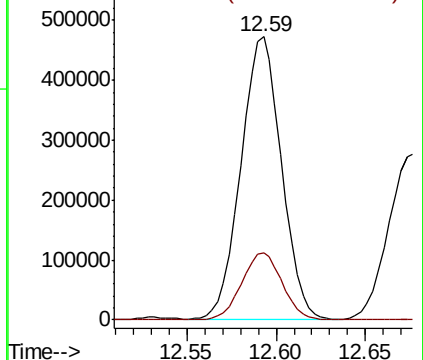
91 100

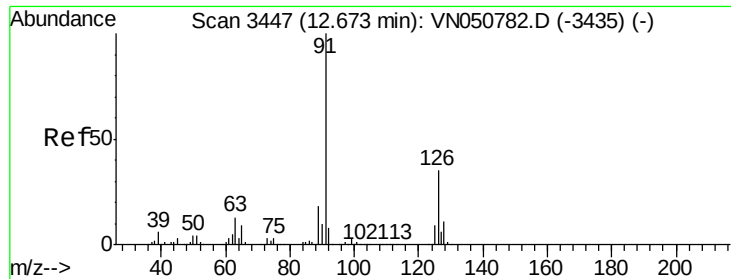
120 23.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.955 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

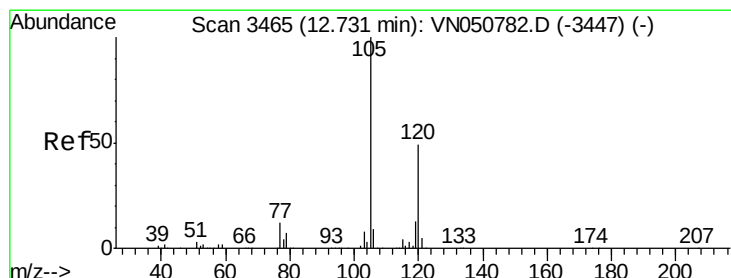
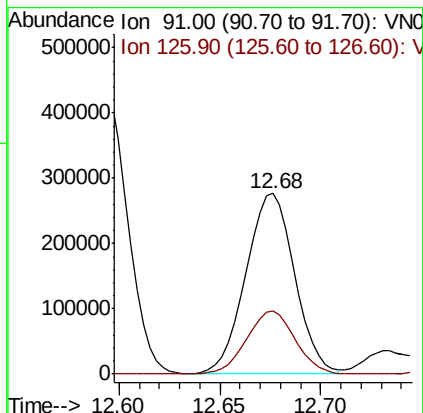
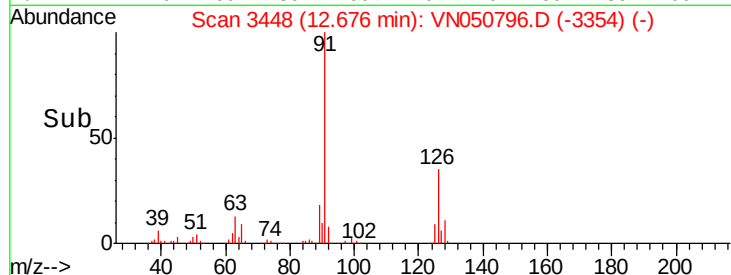
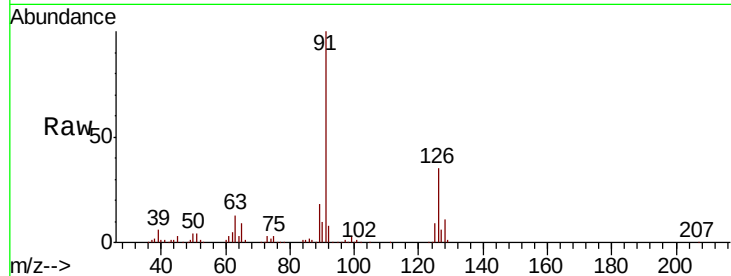
VN0821WBSD02

Tot Ion: 91 Resp: 466468

Ion Ratio Lower Upper

91 100

126 34.8 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 21.449 ug/l

RT: 12.73 min Scan# 3465

Delta R.T. -0.00 min

Lab File: VN050796.D

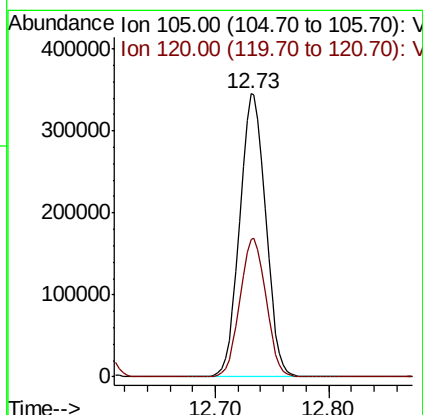
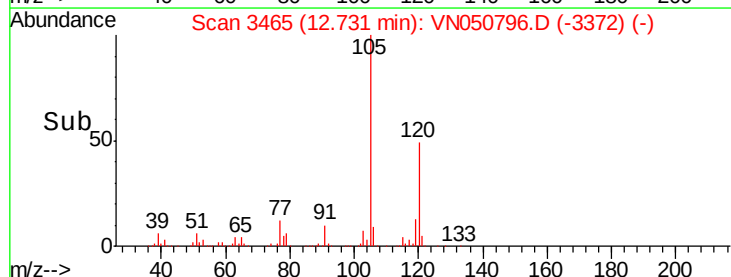
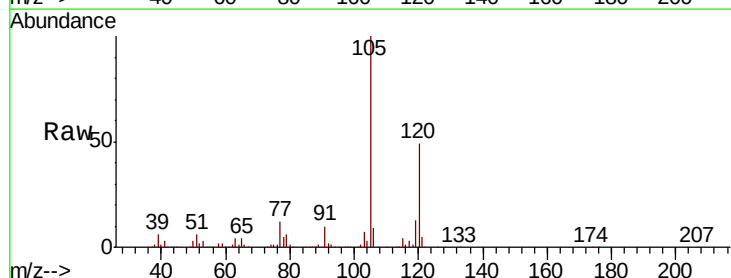
Acq: 21 Aug 2018 21:47

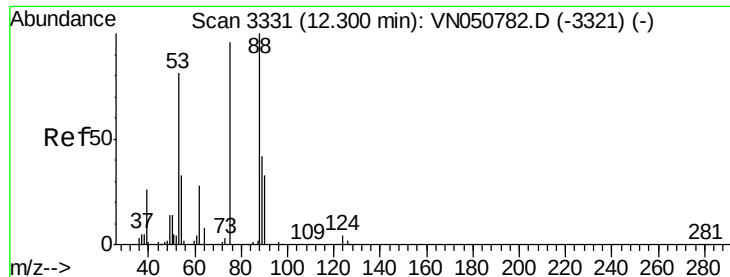
Tgt Ion: 105 Resp: 553677

Ion Ratio Lower Upper

105 100

120 49.1 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.690 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Instrument :

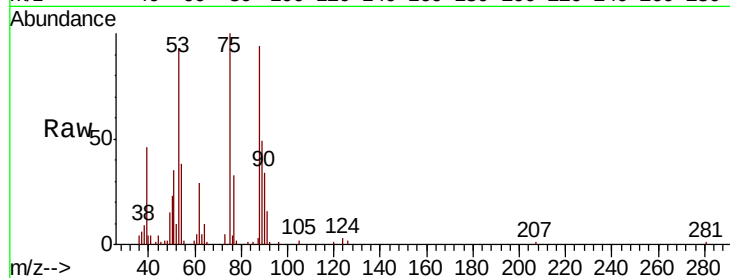
MSVOA_N

ClientSampleId :

VN0821WBSD02

Tot Ion: 75 Resp: 35410

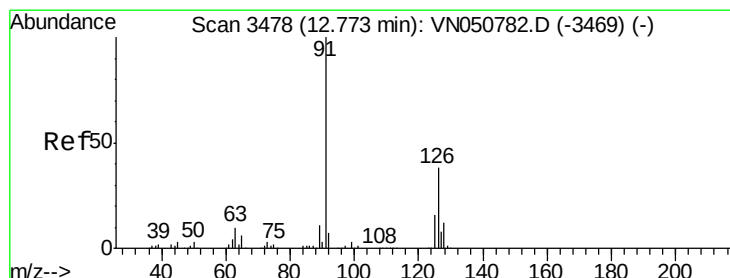
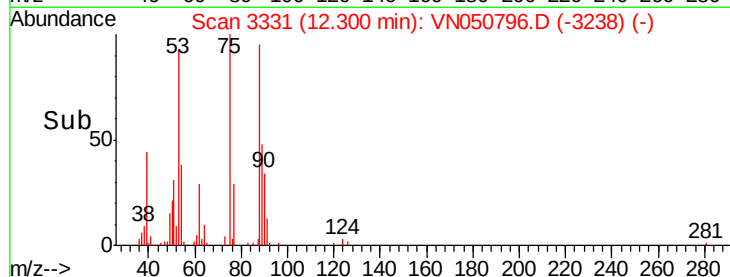
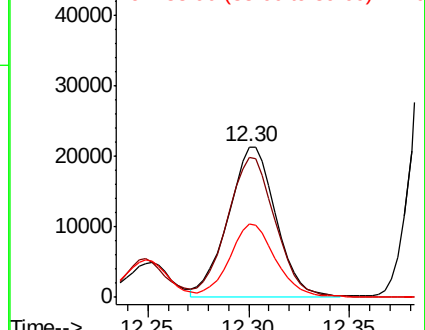
Ion	Ratio	Lower	Upper
75	100		
53	94.0	68.9	103.3
89	46.8	36.1	54.1



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: 20.768 ug/l

RT: 12.77 min Scan# 3478

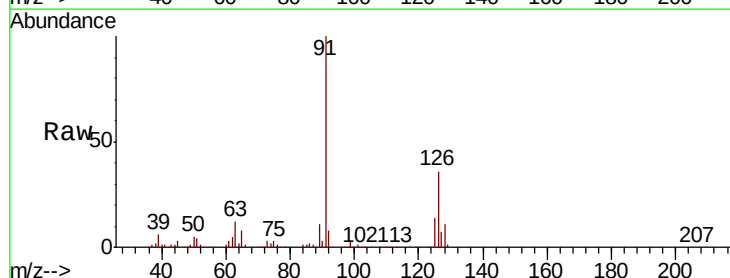
Delta R.T. -0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

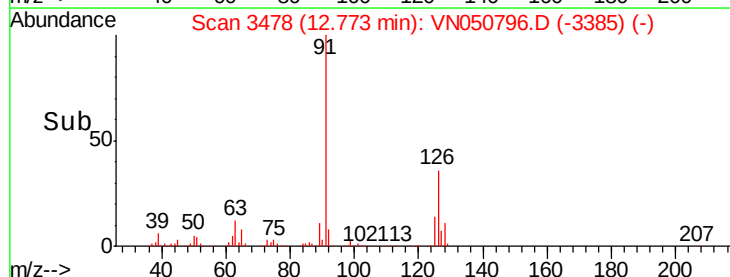
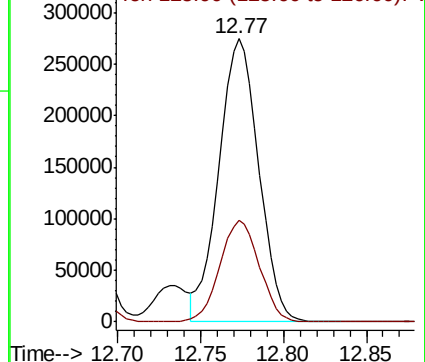
Tgt Ion: 91 Resp: 456402

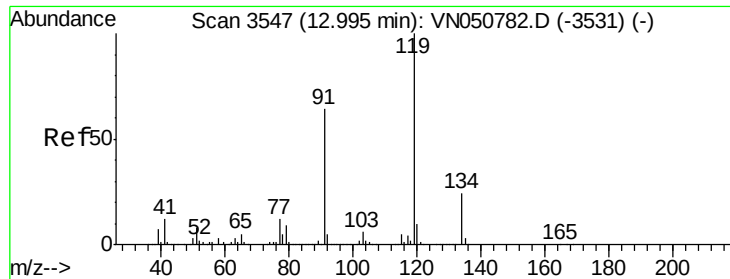
Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.5	52.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

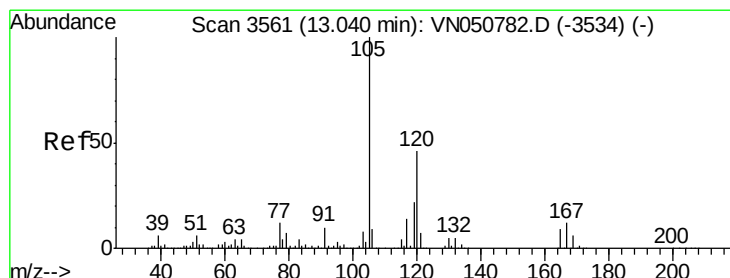
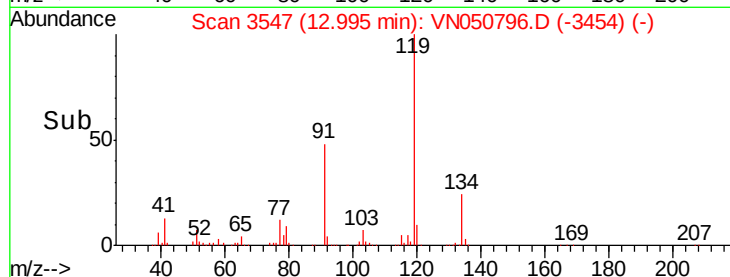
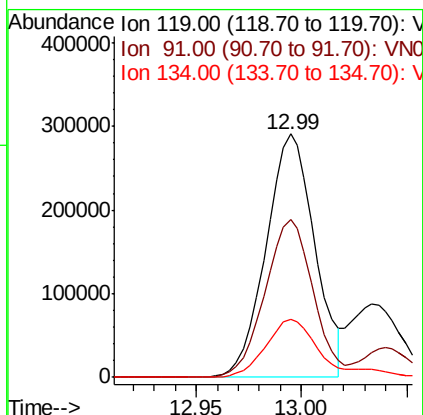
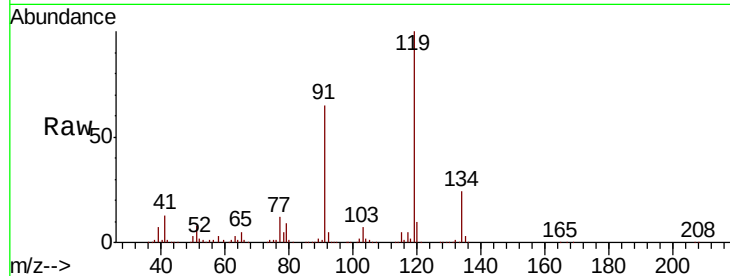




#83
 tert-Butylbenzene
 Concen: 20.824 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

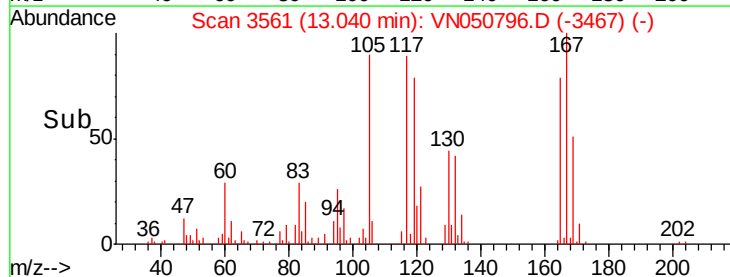
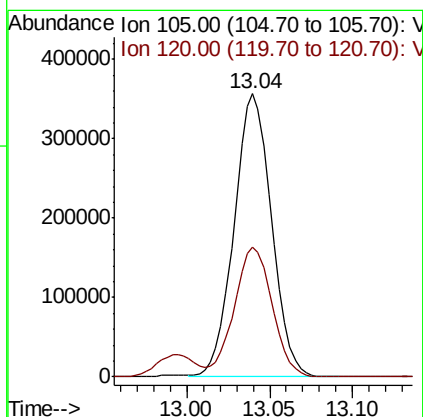
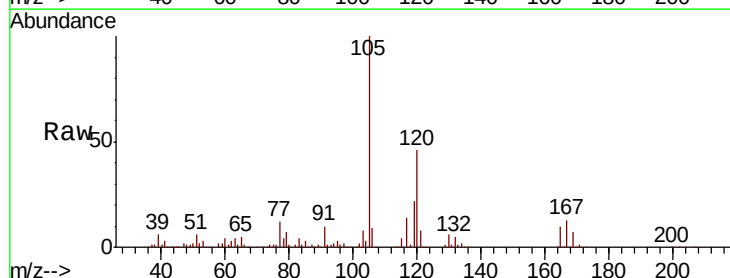
Instrument :
 MSVOA_N
 ClientSampled :
 VN0821WBSD02

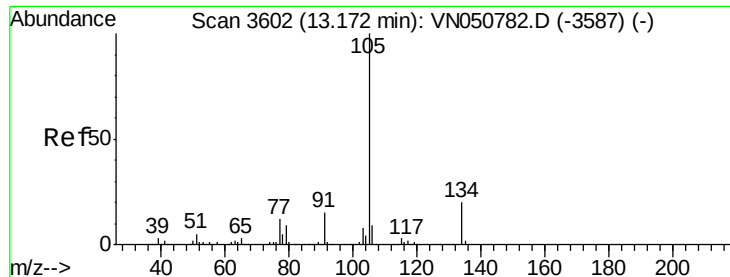
Tot Ion:119 Resp: 465531
 Ion Ratio Lower Upper
 119 100
 91 64.0 31.6 94.7
 134 24.7 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.504 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

Tgt Ion:105 Resp: 558360
 Ion Ratio Lower Upper
 105 100
 120 46.7 22.9 68.8





#85

sec-Butylbenzene

Concen: 21.206 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

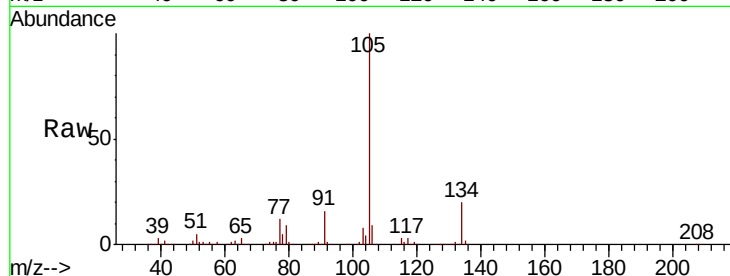
VN0821WBSD02

Tot Ion:105 Resp: 621215

Ion Ratio Lower Upper

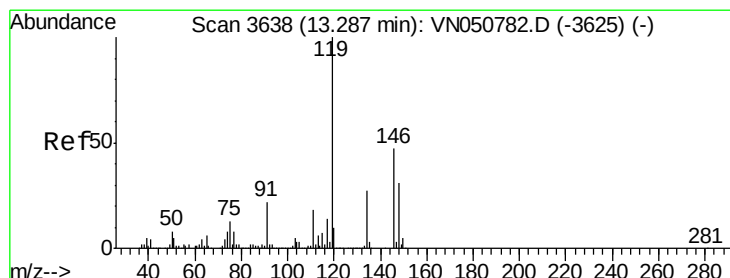
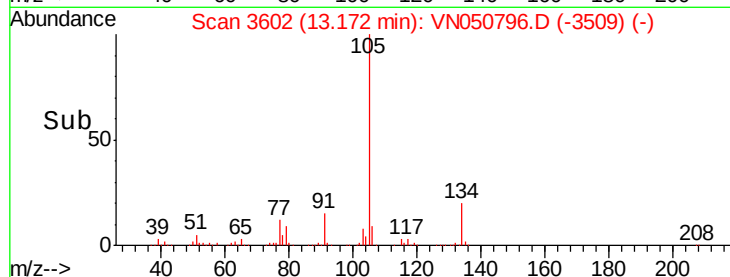
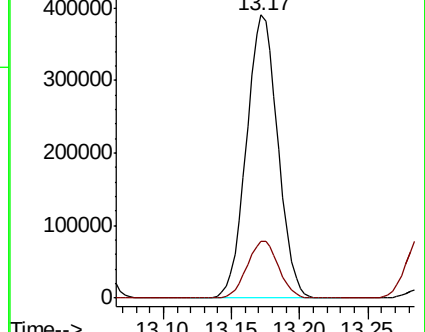
105 100

134 20.2 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.116 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

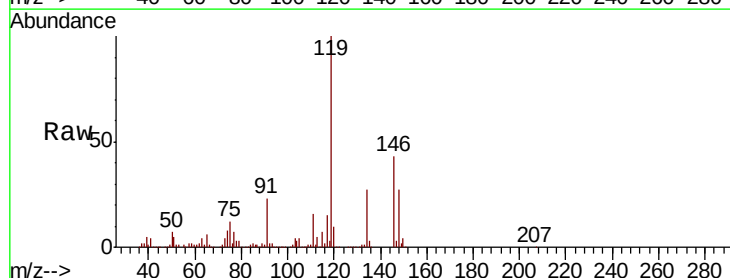
Tgt Ion:119 Resp: 527086

Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.0

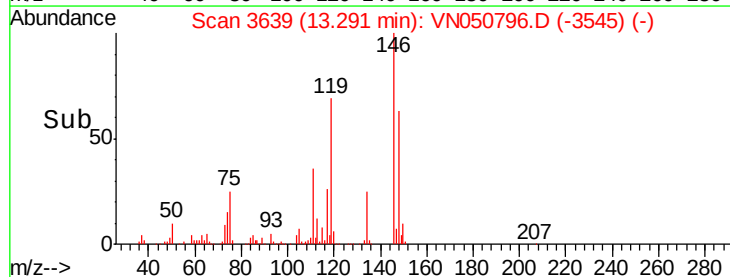
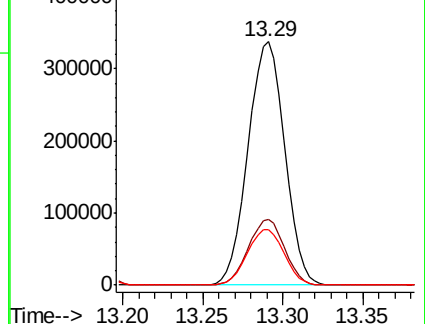
91 22.8 11.2 33.5

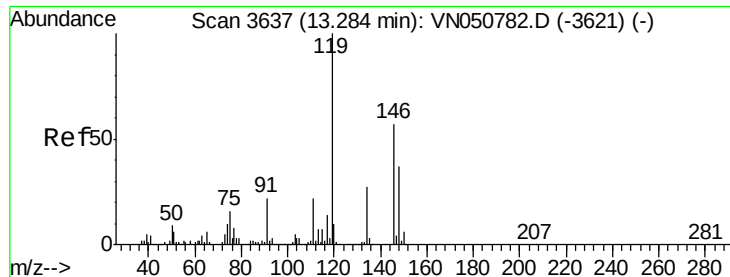


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

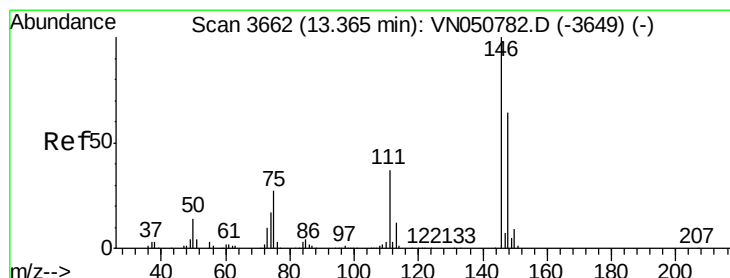
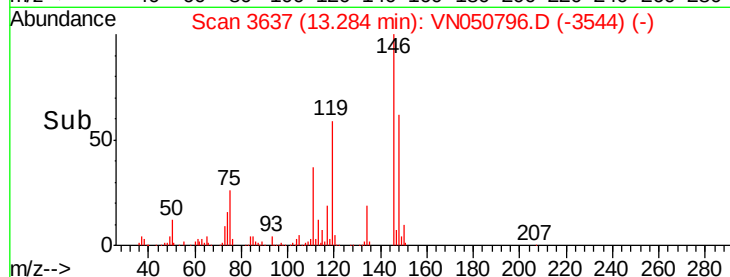
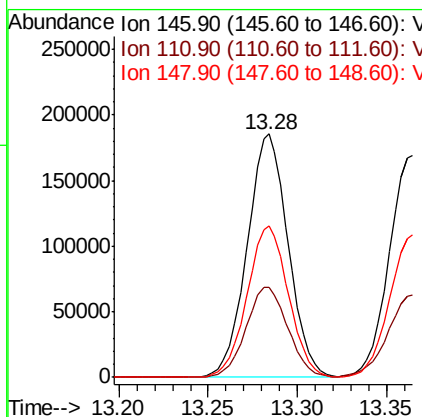
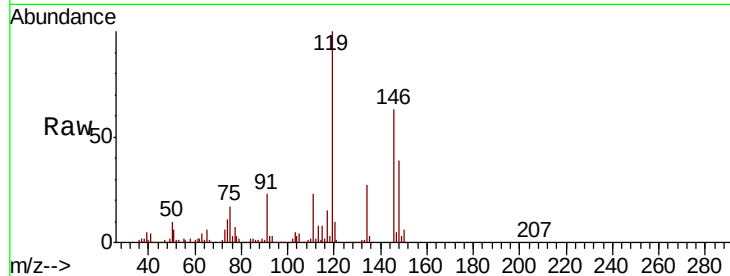




#87
 1,3-Dichlorobenzene
 Concen: 20.182 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

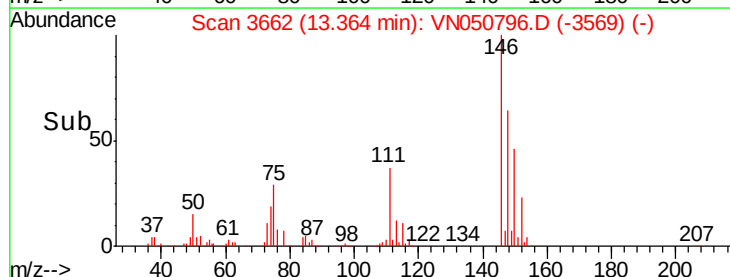
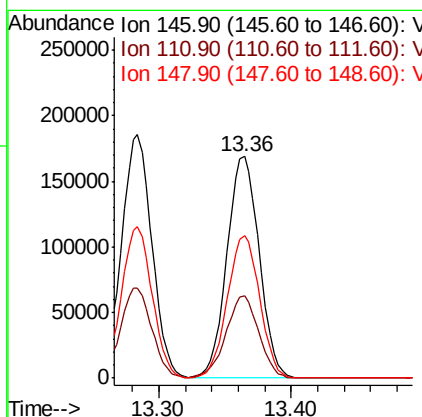
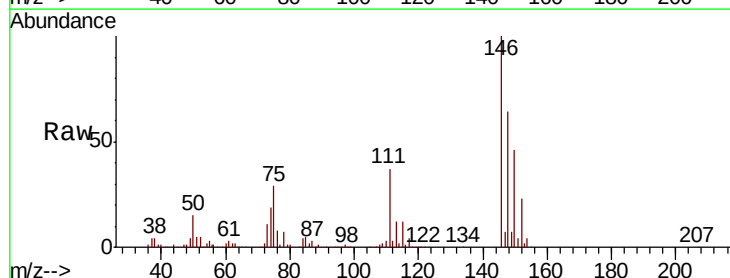
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD02

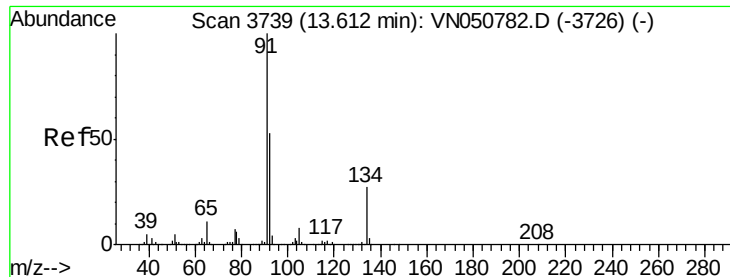
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.3
148	62.9	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.666 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.8	56.3
148	64.5	32.2	96.6

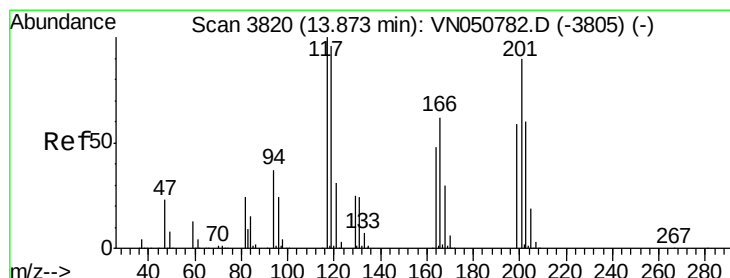
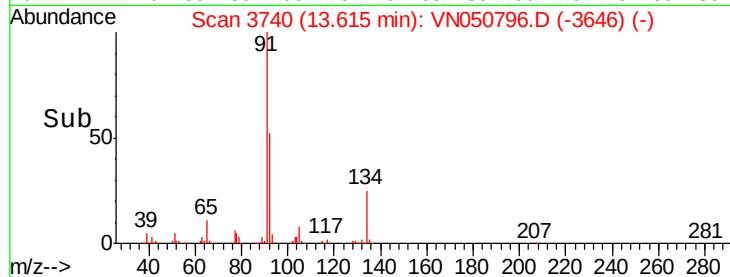
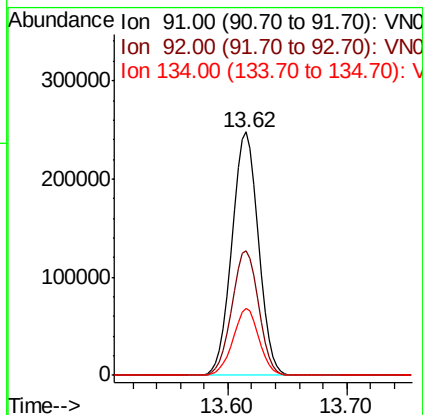
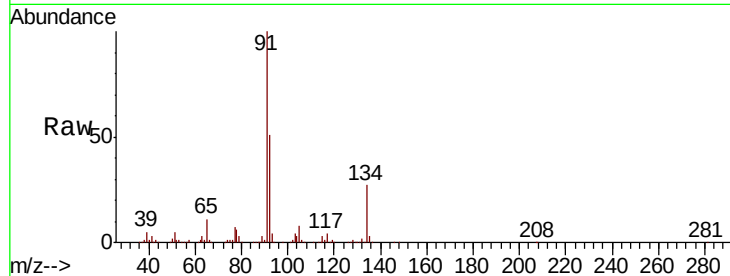




#89
n-Butylbenzene
Concen: 19.164 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN050796.D
Acq: 21 Aug 2018 21:47

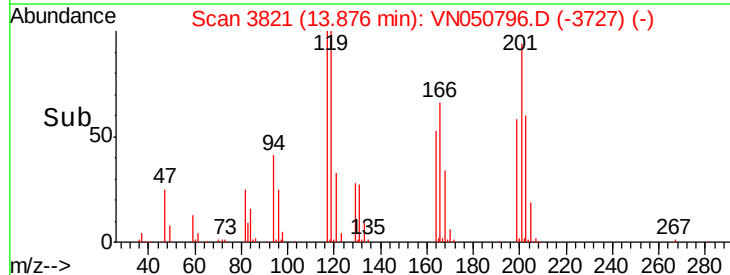
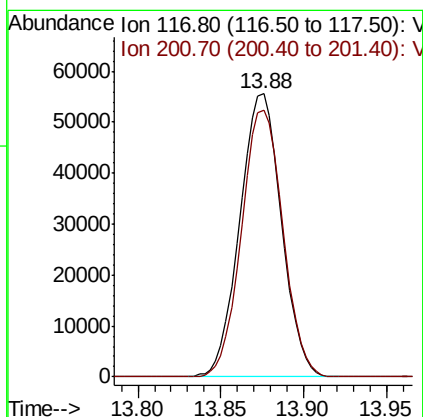
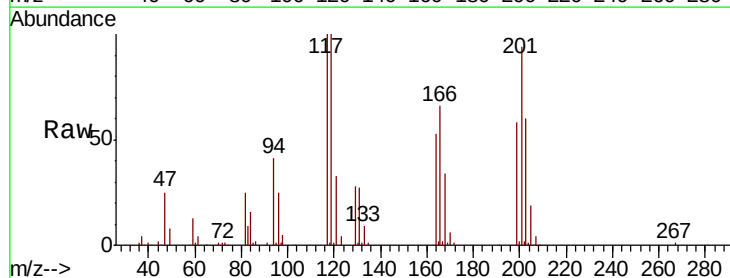
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD02

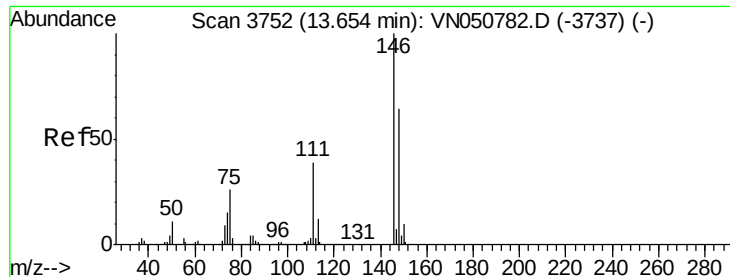
Tot Ion: 91 Resp: 382573
Ion Ratio Lower Upper
91 100
92 51.8 26.1 78.2
134 26.8 13.2 39.6



#90
Hexachloroethane
Concen: 20.503 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN050796.D
Acq: 21 Aug 2018 21:47

Tgt Ion: 117 Resp: 97016
Ion Ratio Lower Upper
117 100
201 93.8 46.0 137.8

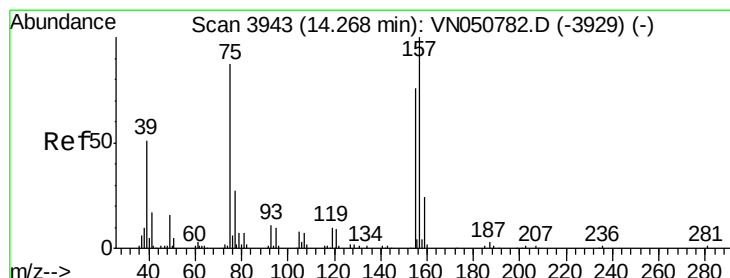
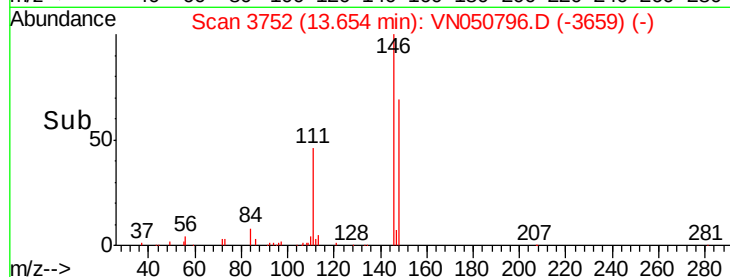
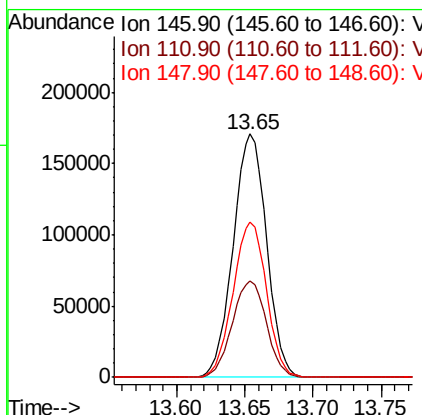
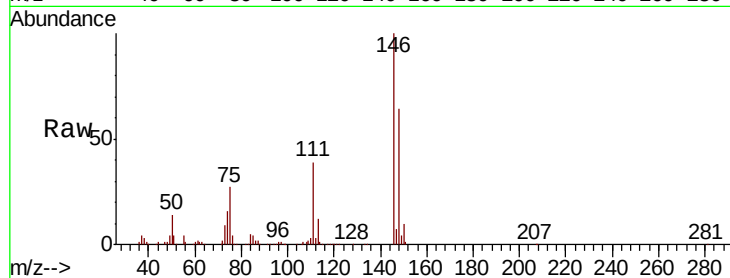




#91
 1,2-Dichlorobenzene
 Concen: 20.411 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

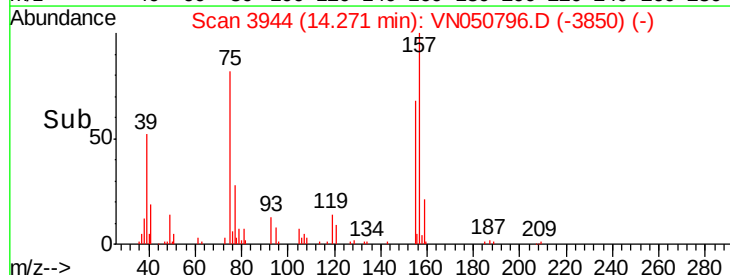
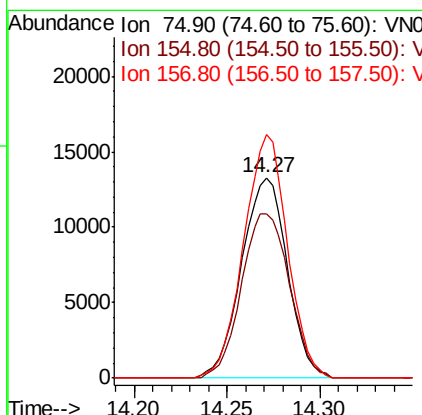
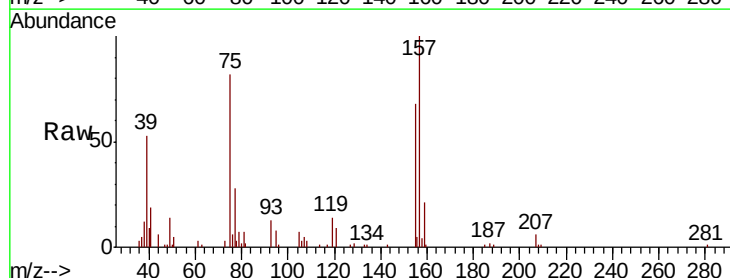
Instrument :
 MSVOA_N
 ClientSampled :
 VN0821WBSD02

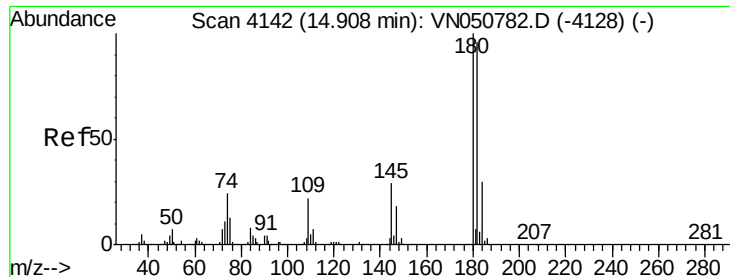
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.8	59.3
148	63.7	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.926 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.9	46.4	139.1
157	115.8	60.7	182.0

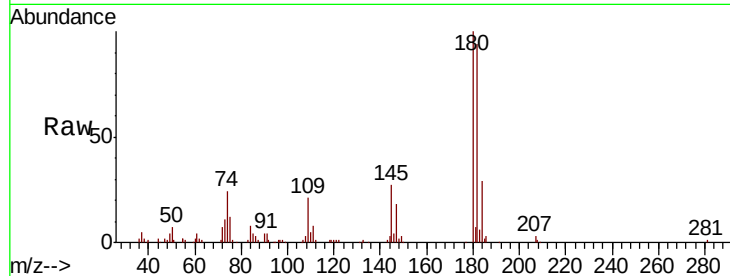




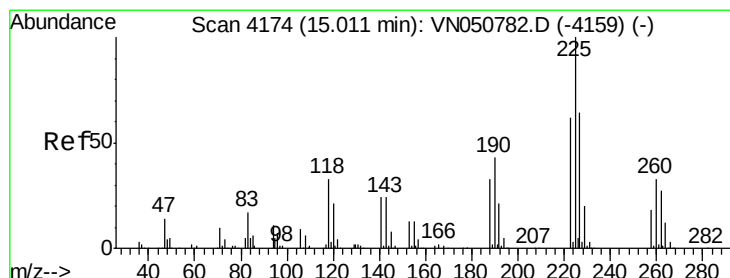
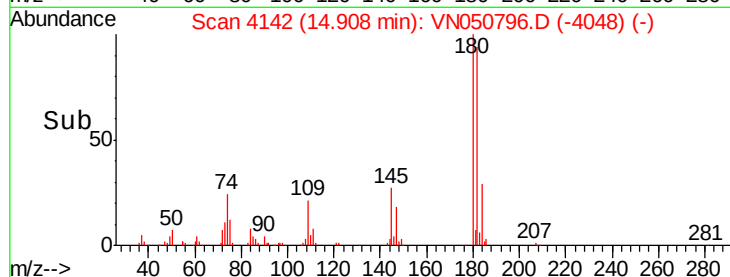
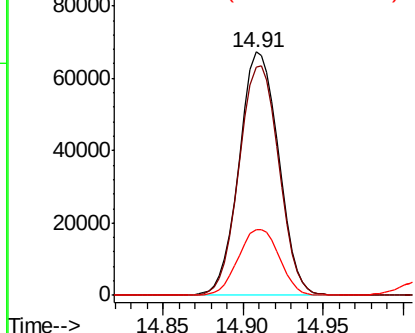
#93
 1,2,4-Trichlorobenzene
 Concen: 18.080 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. 0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD02

Tot Ion:180 Resp: 112868
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.2 144.6
 145 28.3 14.1 42.2

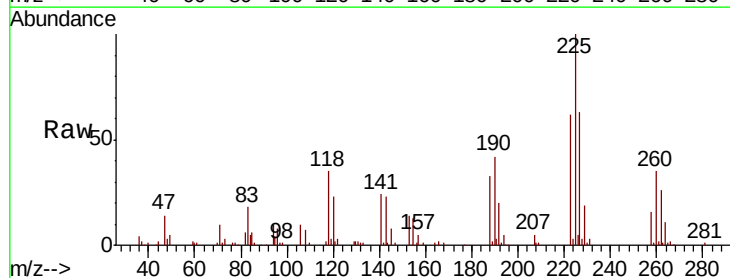


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

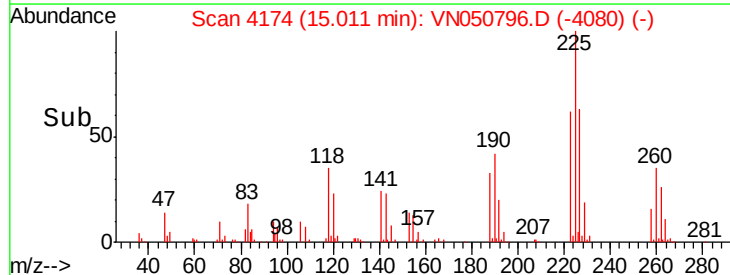
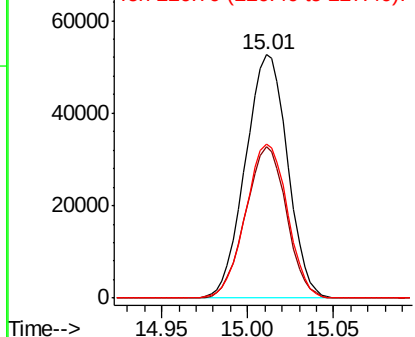


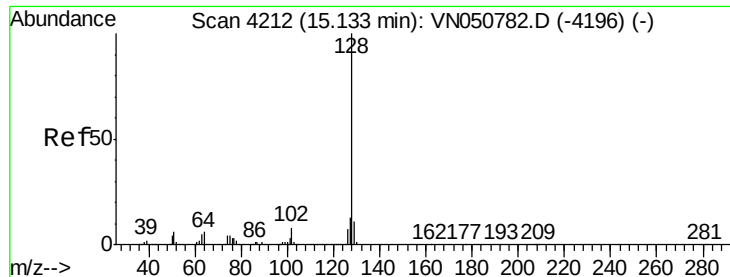
#94
 Hexachlorobutadiene
 Concen: 20.510 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. 0.00 min
 Lab File: VN050796.D
 Acq: 21 Aug 2018 21:47

Tgt Ion:225 Resp: 89329
 Ion Ratio Lower Upper
 225 100
 223 60.6 31.3 93.8
 227 62.9 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: 17.510 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD02

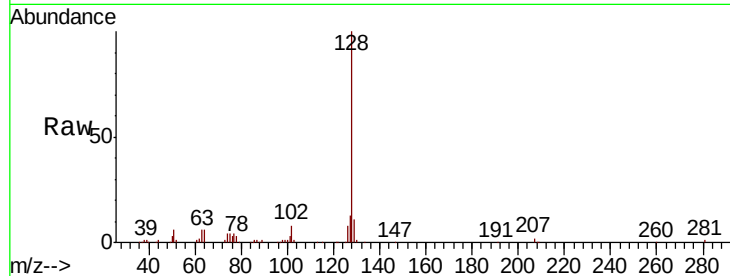
Tot Ion:128 Resp: 209561

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

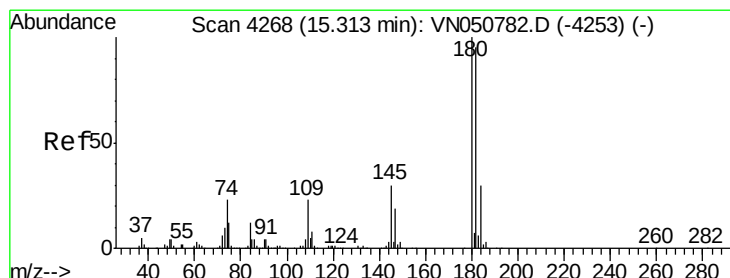
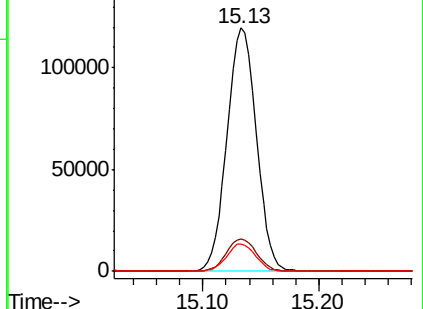
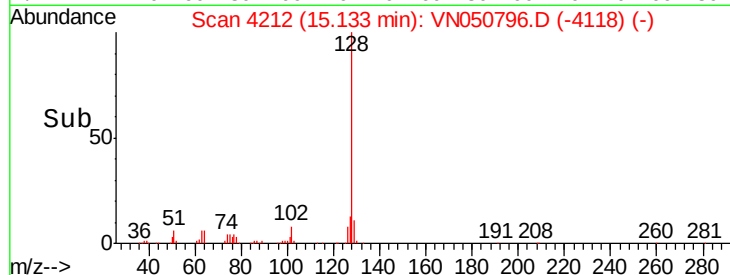
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.659 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN050796.D

Acq: 21 Aug 2018 21:47

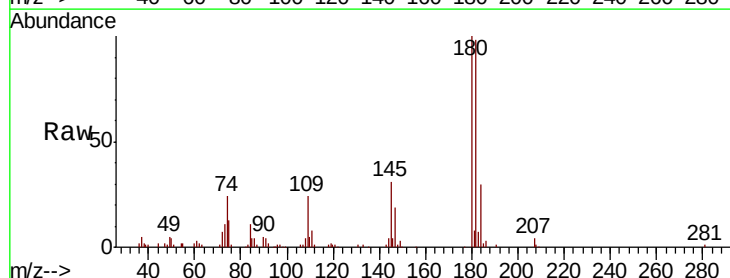
Tgt Ion:180 Resp: 114171

Ion Ratio Lower Upper

180 100

182 97.7 48.0 144.2

145 30.1 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

