

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
 Data File : VN050783.D
 Acq On : 21 Aug 2018 11:34
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 22 03:32:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 03:28:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	682141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	952520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	899954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	495246	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	807530	98.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.66%	
35) Dibromofluoromethane	7.59	113	763547	100.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.52%	
50) Toluene-d8	10.09	98	2973393	104.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.90%	
62) 4-Bromofluorobenzene	12.40	95	1032161	109.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	219.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	981892	107.559	ug/l	100
3) Chloromethane	2.06	50	1071053	95.123	ug/l	100
4) Vinyl Chloride	2.18	62	1053360	98.758	ug/l	99
5) Bromomethane	2.55	94	616424	89.788	ug/l	99
6) Chloroethane	2.69	64	593062	96.234	ug/l	99
7) Trichlorofluoromethane	3.01	101	1350325	98.867	ug/l	100
8) Diethyl Ether	3.41	74	471791	101.588	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	826773	96.891	ug/l	99
10) Methyl Iodide	3.95	142	769948	113.670	ug/l	99
11) Tert butyl alcohol	4.79	59	266512	509.654	ug/l	100
12) 1,1-Dichloroethene	3.73	96	771466	100.694	ug/l	100
13) Acrolein	3.61	56	156376	547.468	ug/l	100
14) Allyl chloride	4.32	41	1248644	104.591	ug/l	99
15) Acrylonitrile	4.99	53	1379288	519.004	ug/l	100
16) Acetone	3.82	43	961847	424.792	ug/l	99
17) Carbon Disulfide	4.05	76	2457359	95.678	ug/l	100
18) Methyl Acetate	4.33	43	716881	91.809	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	2042383	105.981	ug/l	99
20) Methylene Chloride	4.55	84	861198	93.047	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	820377	99.363	ug/l	99
22) Diisopropyl ether	5.95	45	2472639	103.929	ug/l	98
23) Vinyl Acetate	5.90	43	8305546	542.072	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1485190	97.234	ug/l	100
25) 2-Butanone	6.84	43	1533873	463.491	ug/l	100
26) 2,2-Dichloropropane	6.83	77	1214915	98.988	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	909020	101.753	ug/l	100
28) Bromochloromethane	7.20	49	635984	97.988	ug/l	99
29) Tetrahydrofuran	7.21	42	1006940	530.690	ug/l	100
30) Chloroform	7.37	83	1459618	96.502	ug/l	99
31) Cyclohexane	7.65	56	1392765	91.794	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1271572	97.876	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1171635	104.236	ug/l	100
37) Ethyl Acetate	6.93	43	668485	108.075	ug/l	99
38) Carbon Tetrachloride	7.77	117	1157895	101.911	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
 Data File : VN050783.D
 Acq On : 21 Aug 2018 11:34
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 22 03:32:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 03:28:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1344418	110.558	ug/l	98
40) Benzene	8.04	78	3472211	102.443	ug/l	100
41) Methacrylonitrile	7.18	41	397121	121.459	ug/l	92
42) 1,2-Dichloroethane	8.12	62	1026651	101.311	ug/l	100
43) Isopropyl Acetate	8.17	43	1205333	108.573	ug/l	100
44) Trichloroethene	8.84	130	915777	102.445	ug/l	99
45) 1,2-Dichloropropane	9.12	63	900830	101.124	ug/l	100
46) Dibromomethane	9.21	93	530299	101.315	ug/l	100
47) Bromodichloromethane	9.40	83	1129778	103.053	ug/l	99
48) Methyl methacrylate	9.20	41	621306	109.815	ug/l	99
49) 1,4-Dioxane	9.20	88	172738	2239.627	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	3353251	506.163	ug/l	99
52) Toluene	10.16	92	2161019	107.627	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1195366	109.545	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1357999	108.678	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	753640	101.128	ug/l	100
56) Ethyl methacrylate	10.43	69	984199	116.445	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1283466	104.341	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	2152437	596.418	ug/l	99
59) 2-Hexanone	10.75	43	2292037	519.700	ug/l	99
60) Dibromochloromethane	10.90	129	885703	106.147	ug/l	100
61) 1,2-Dibromoethane	11.01	107	770861	106.971	ug/l	99
64) Tetrachloroethene	10.63	164	834149	97.585	ug/l	99
65) Chlorobenzene	11.43	112	2373208	100.889	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	864888	100.490	ug/l	99
67) Ethyl Benzene	11.51	91	4167342	108.973	ug/l	100
68) m/p-Xylenes	11.62	106	3203031	220.662	ug/l	100
69) o-Xylene	11.95	106	1538292	110.232	ug/l	100
70) Styrene	11.96	104	2504694	114.809	ug/l	100
71) Bromoform	12.13	173	630662	106.554	ug/l #	100
73) Isopropylbenzene	12.25	105	4070283	99.256	ug/l	100
74) N-amyl acetate	12.07	43	1078243	104.645	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	959601	86.847	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	1183958	141.000	ug/l #	100
77) Bromobenzene	12.53	156	1051381	94.337	ug/l	99
78) n-propylbenzene	12.59	91	4721222	103.060	ug/l	99
79) 2-Chlorotoluene	12.67	91	2767293	96.980	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	3395233	102.609	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	271731	105.901	ug/l	98
82) 4-Chlorotoluene	12.77	91	2845501	101.011	ug/l	100
83) tert-Butylbenzene	12.99	119	2885502	100.693	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	3477197	104.470	ug/l	100
85) sec-Butylbenzene	13.17	105	3885306	103.468	ug/l	100
86) p-Isopropyltoluene	13.29	119	3477528	108.685	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1887101	99.778	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1830018	98.315	ug/l	99
89) n-Butylbenzene	13.62	91	2895992	113.167	ug/l	99
90) Hexachloroethane	13.88	117	598966	90.446	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1783478	97.742	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	145211	98.599	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
Data File : VN050783.D
Acq On : 21 Aug 2018 11:34
Operator : MD\SY
Sample : VSTDICC100
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Quant Time: Aug 22 03:32:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 03:28:59 2018
Response via : Initial Calibration

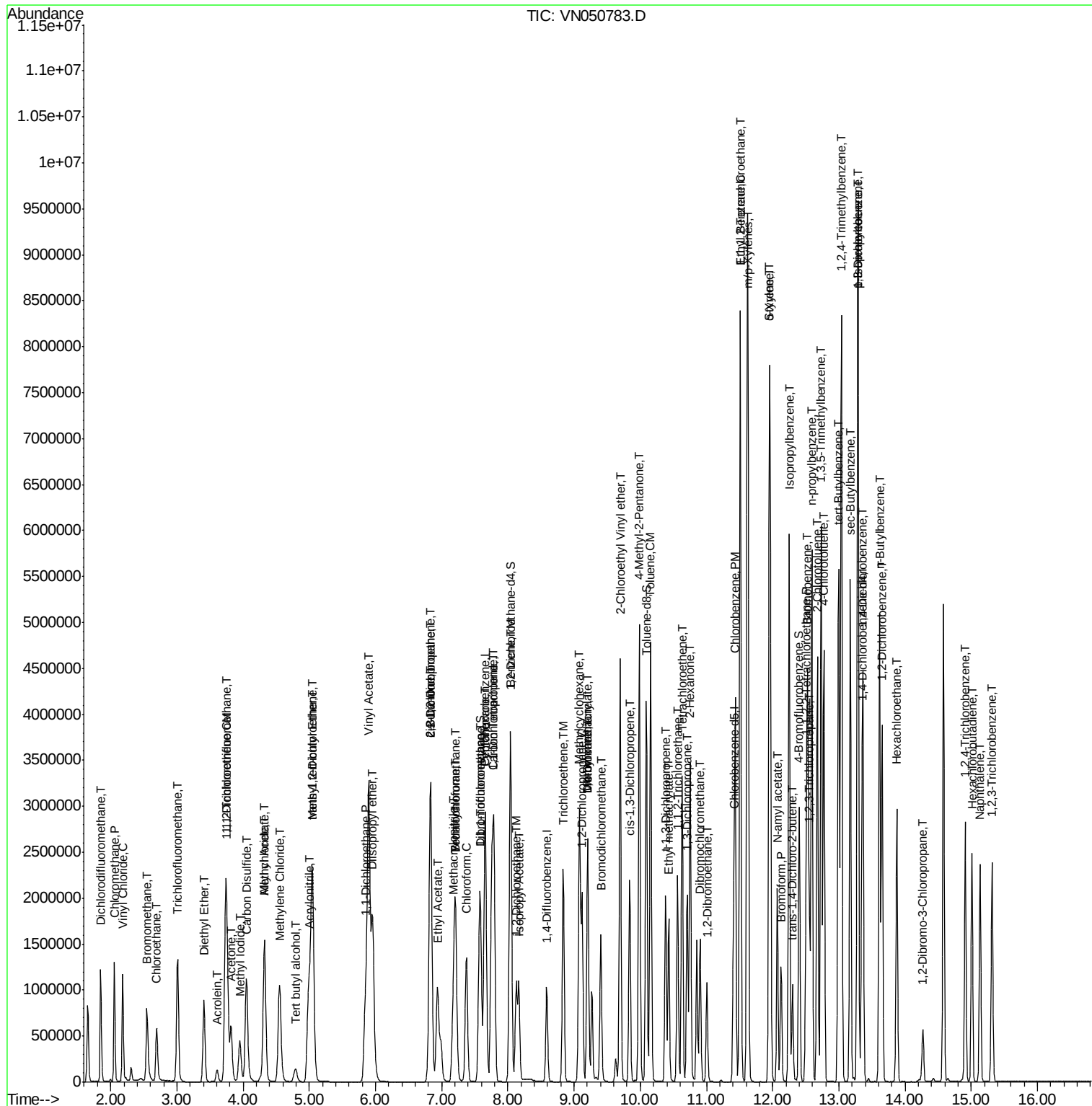
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	970026	122.131	ug/l	99
94) Hexachlorobutadiene	15.01	225	538306	90.479	ug/l	100
95) Naphthalene	15.13	128	2028464	129.449	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	903637	116.840	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
Data File : VN050783.D
Acq On : 21 Aug 2018 11:34
Operator : MD\SY
Sample : VSTDICC100
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Quant Time: Aug 22 03:32:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 03:28:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

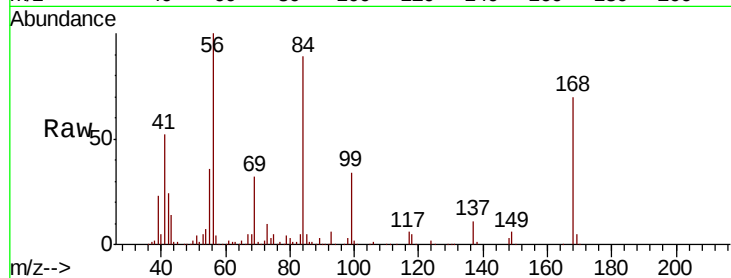
VSTDIC100

Tot Ion:168 Resp: 682141

Ion Ratio Lower Upper

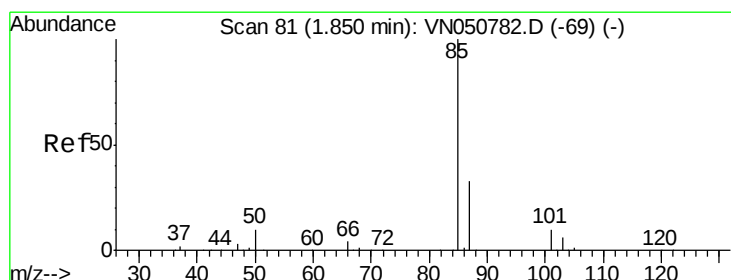
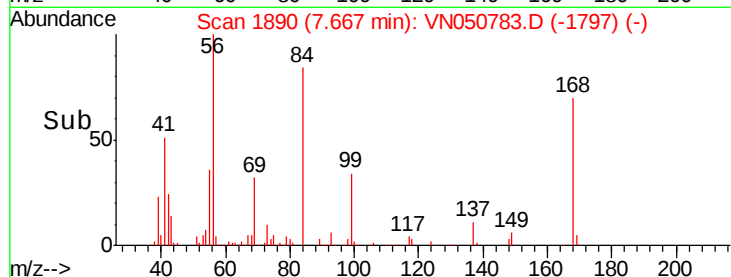
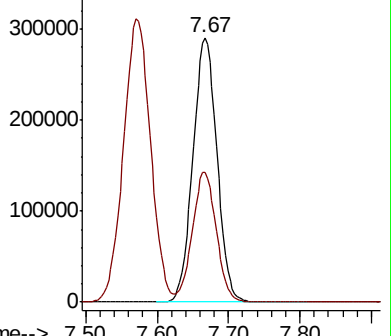
168 100

99 48.7 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 107.559 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN050783.D

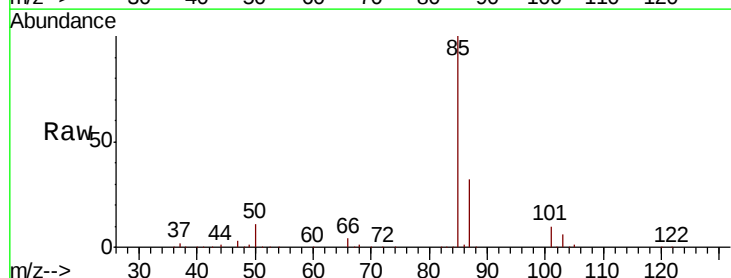
Acq: 21 Aug 2018 11:34

Tgt Ion: 85 Resp: 981892

Ion Ratio Lower Upper

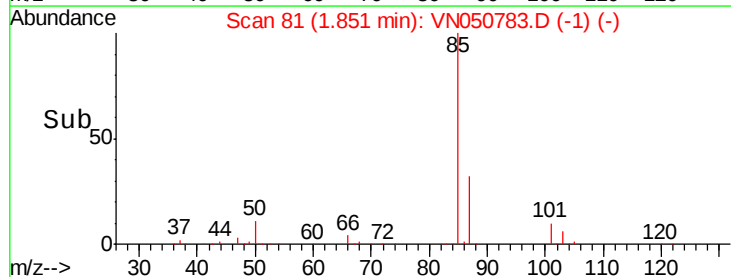
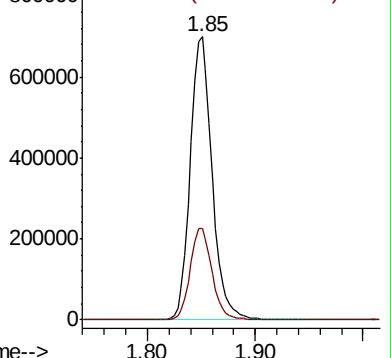
85 100

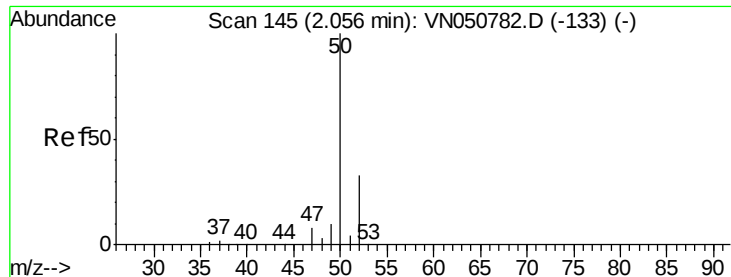
87 32.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 95.123 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

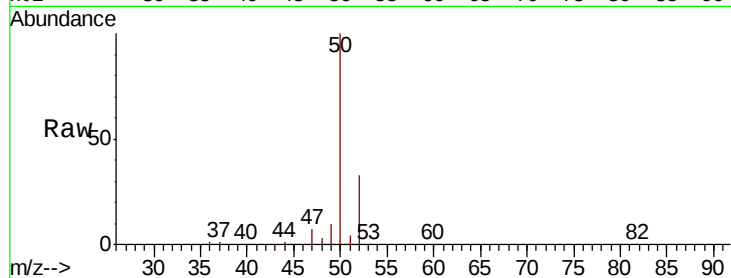
VSTDICC100

Tot Ion: 50 Resp: 1071053

Ion Ratio Lower Upper

50 100

52 32.8 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

800000

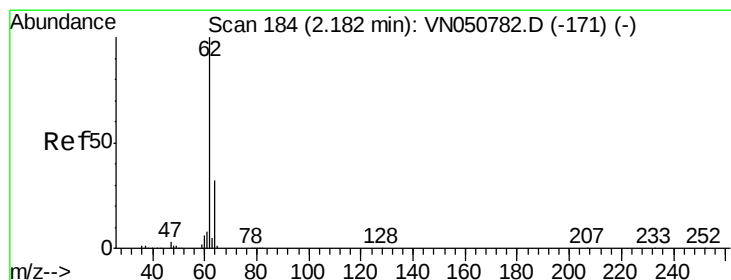
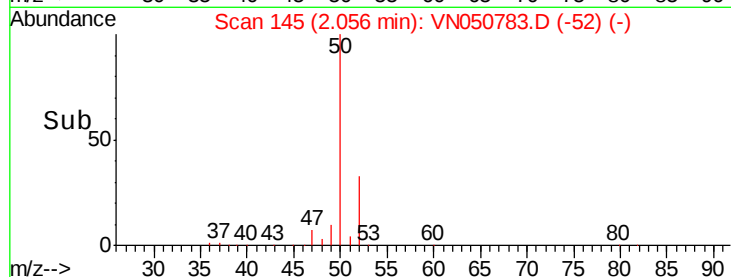
600000

400000

200000

0

Time--> 1.95 2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 98.758 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN050783.D

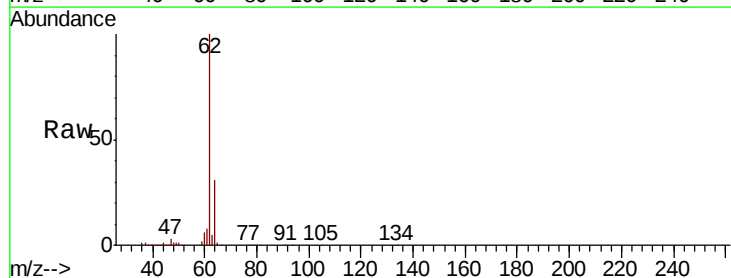
Acq: 21 Aug 2018 11:34

Tgt Ion: 62 Resp: 1053360

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.18

800000

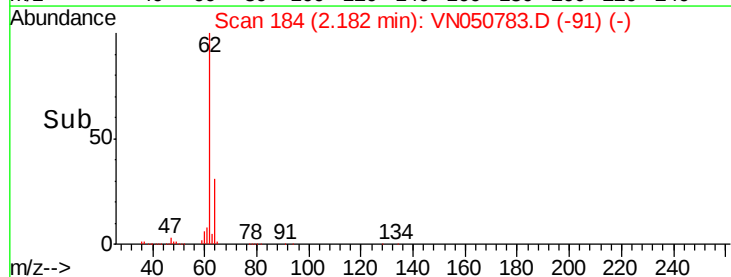
600000

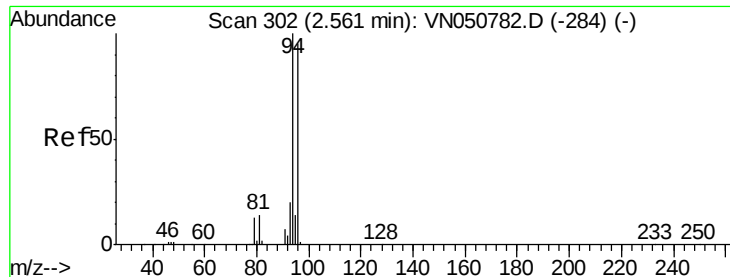
400000

200000

0

Time--> 2.10 2.20 2.30





#5

Bromomethane

Concen: 89.788 ug/l

RT: 2.55 min Scan# 298

Delta R.T. -0.01 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

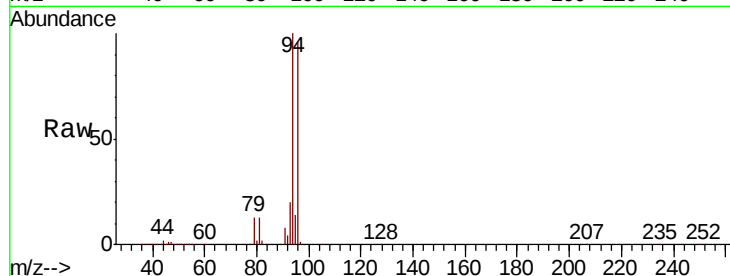
VSTDIC100

Tot Ion: 94 Resp: 616424

Ion Ratio Lower Upper

94 100

96 96.0 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.55

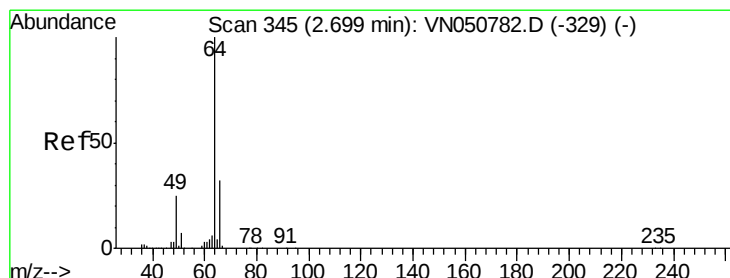
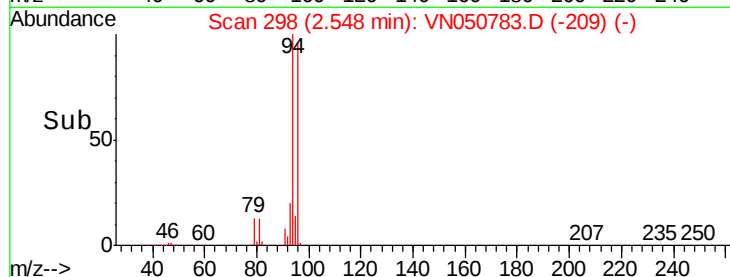
300000

200000

100000

0

Time-->



#6

Chloroethane

Concen: 96.234 ug/l

RT: 2.69 min Scan# 343

Delta R.T. -0.01 min

Lab File: VN050783.D

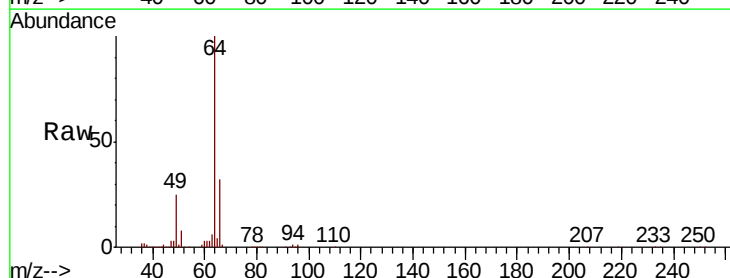
Acq: 21 Aug 2018 11:34

Tgt Ion: 64 Resp: 593062

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

2.69

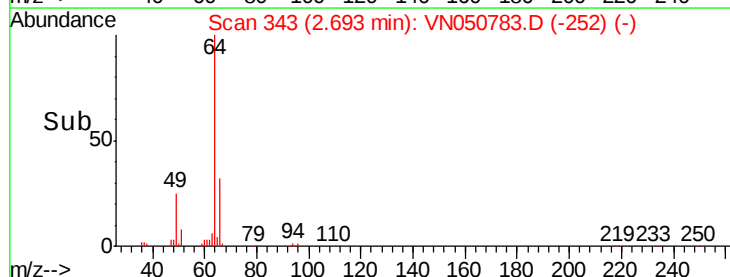
300000

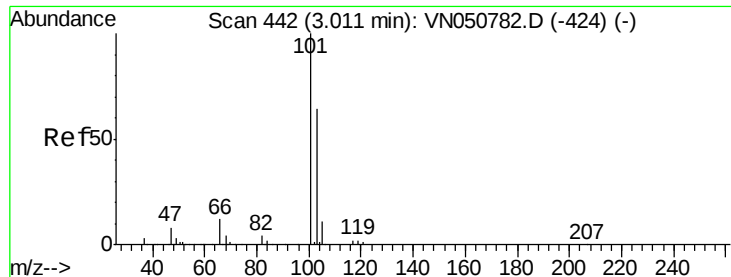
200000

100000

0

Time-->



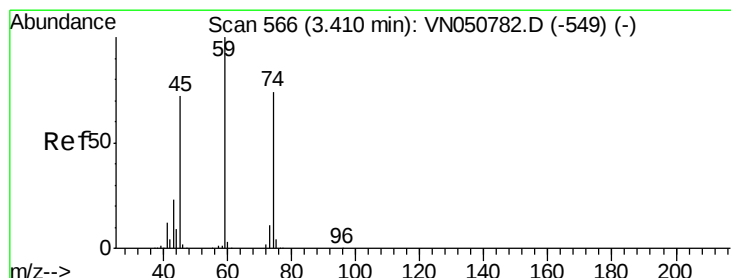
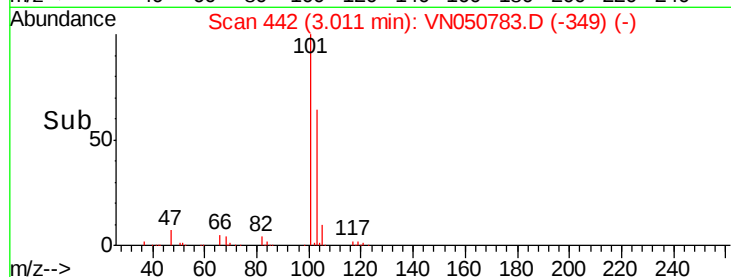
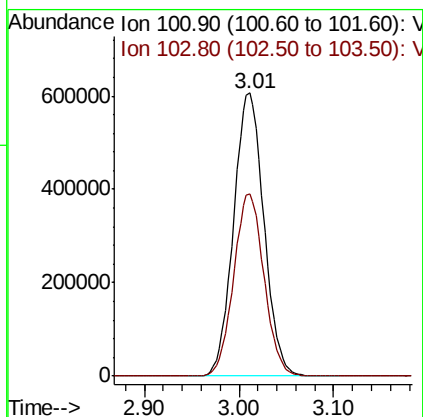
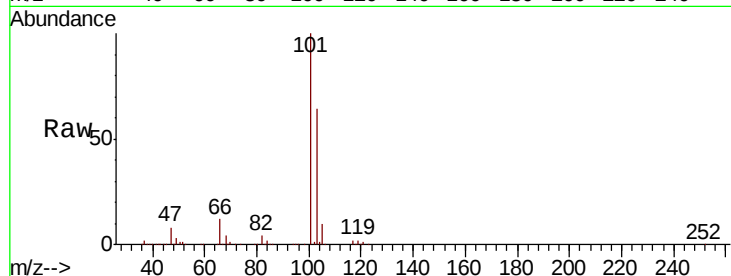


#7

Trichlorofluoromethane
Concen: 98.867 ug/l
RT: 3.01 min Scan# 442
Delta R.T. 0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

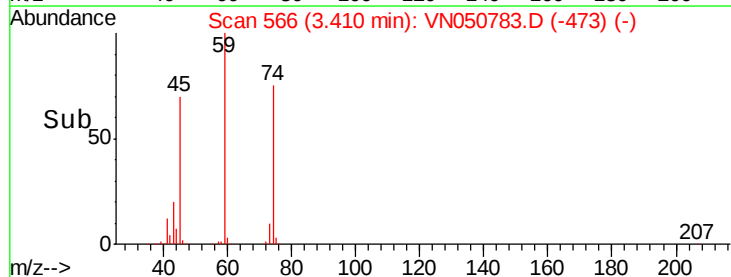
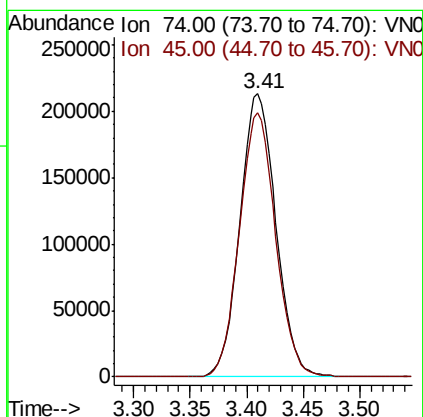
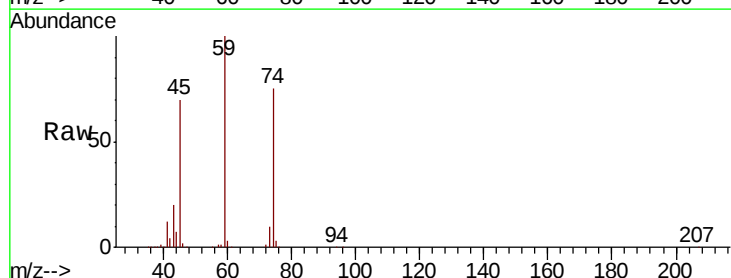
Tot Ion:101 Resp: 1350325
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

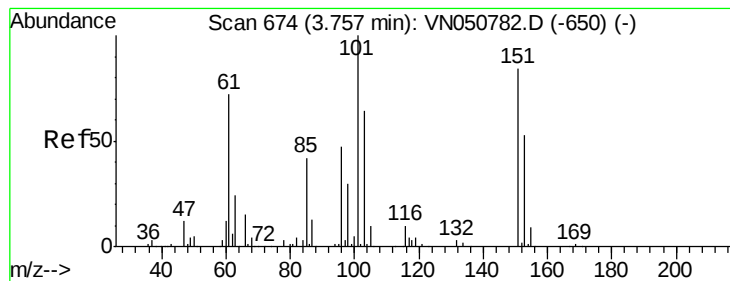


#8

Diethyl Ether
Concen: 101.588 ug/l
RT: 3.41 min Scan# 566
Delta R.T. 0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

Tgt Ion: 74 Resp: 471791
Ion Ratio Lower Upper
74 100
45 94.1 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 96.891 ug/l

RT: 3.76 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

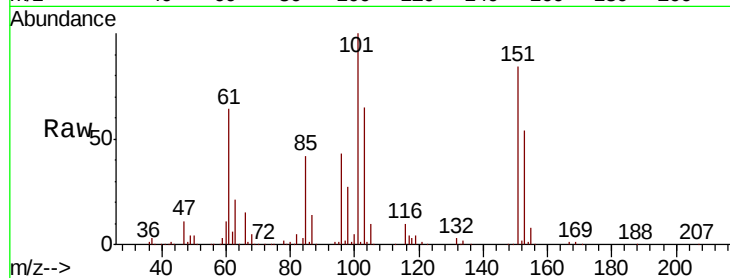
Tot Ion:101 Resp: 826773

Ion Ratio Lower Upper

101 100

85 42.0 33.7 50.5

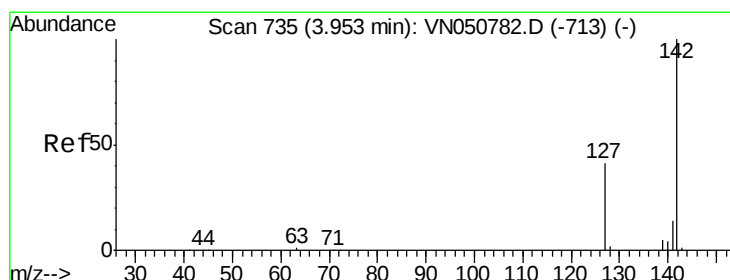
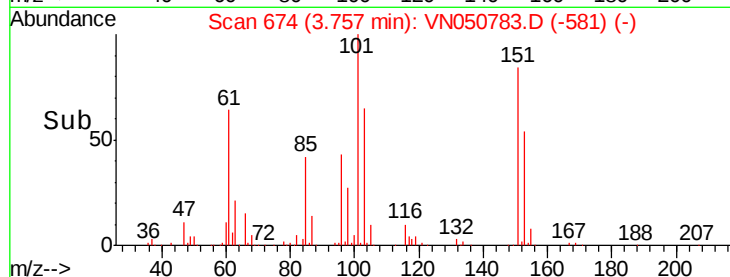
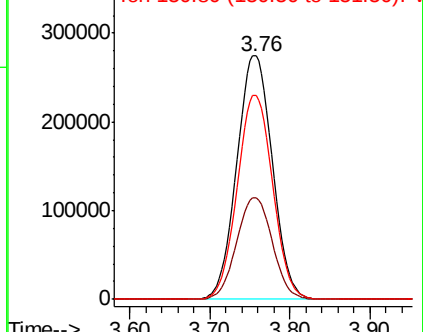
151 83.4 67.4 101.2



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: 113.670 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

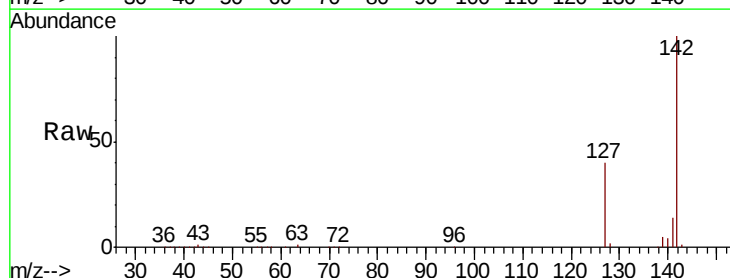
Tgt Ion:142 Resp: 769948

Ion Ratio Lower Upper

142 100

127 40.2 31.7 47.5

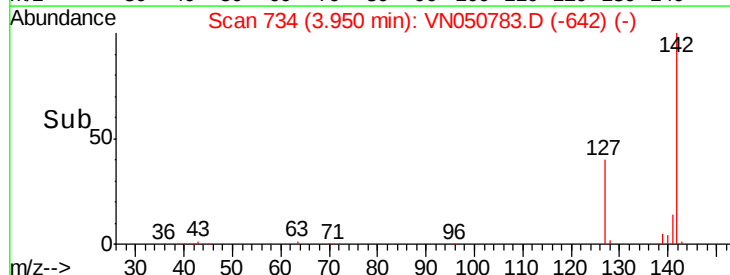
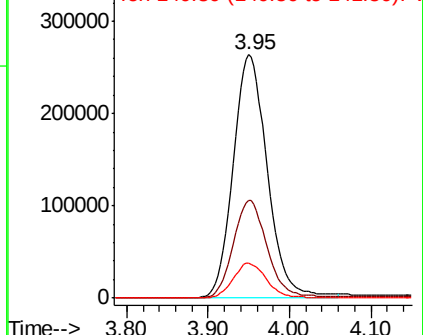
141 14.1 11.4 17.0

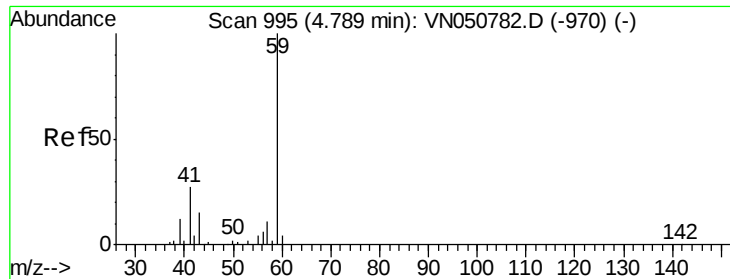


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



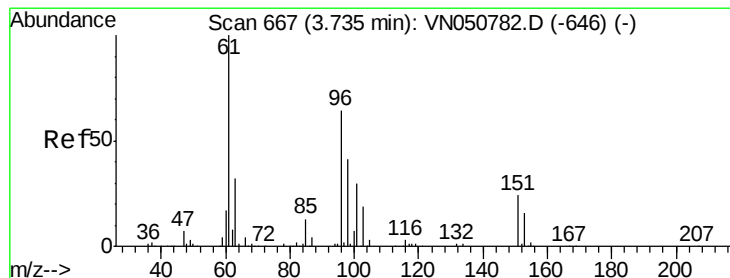
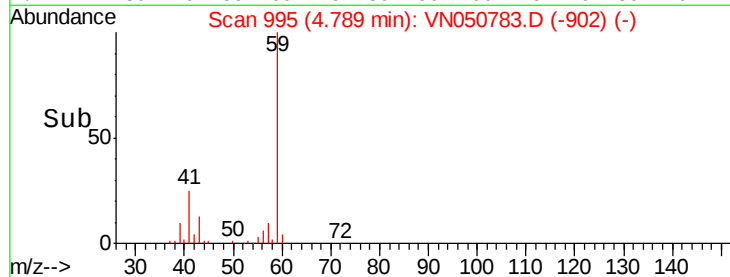
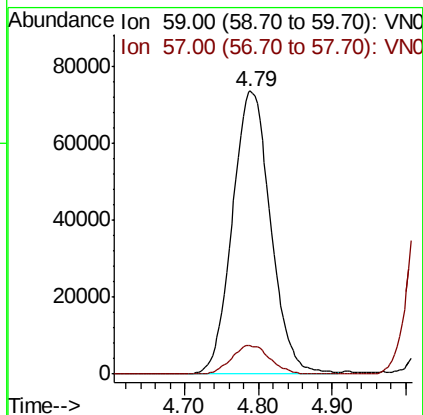
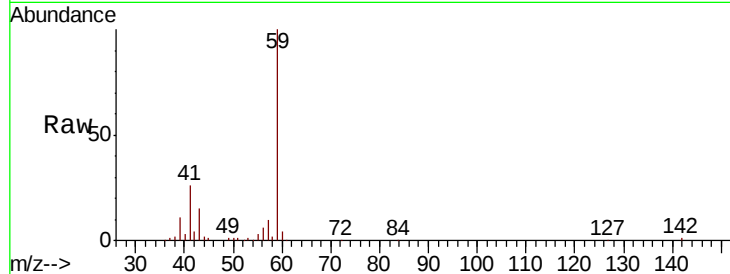


#11

Tert butyl alcohol
 Concen: 509.654 ug/l
 RT: 4.79 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: VN050783.D
 Acq: 21 Aug 2018 11:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

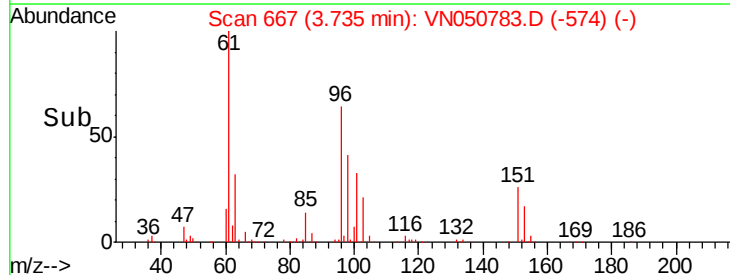
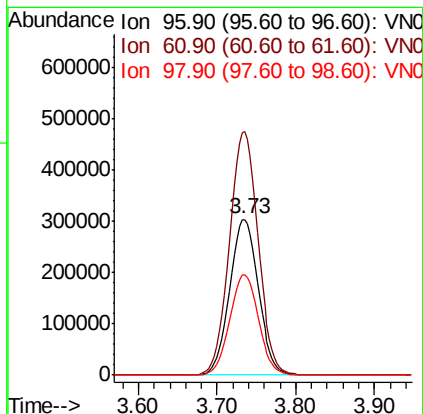
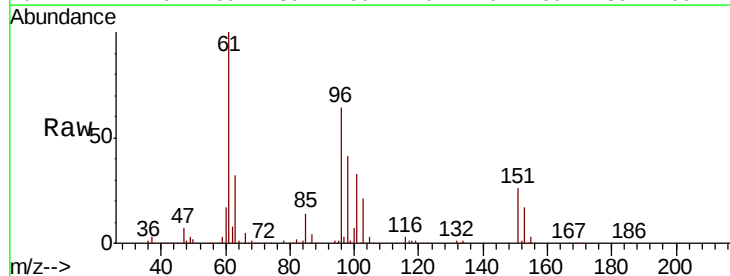
Tot Ion: 59 Resp: 266512
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.3 12.5



#12

1,1-Dichloroethene
 Concen: 100.694 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VN050783.D
 Acq: 21 Aug 2018 11:34

Tgt Ion: 96 Resp: 771466
 Ion Ratio Lower Upper
 96 100
 61 156.2 124.9 187.3
 98 64.6 51.1 76.7





#13

Acrolein

Concen: 547.468 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

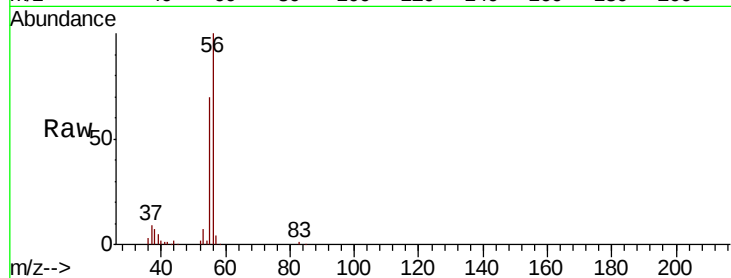
VSTDIC100

Tot Ion: 56 Resp: 156376

Ion Ratio Lower Upper

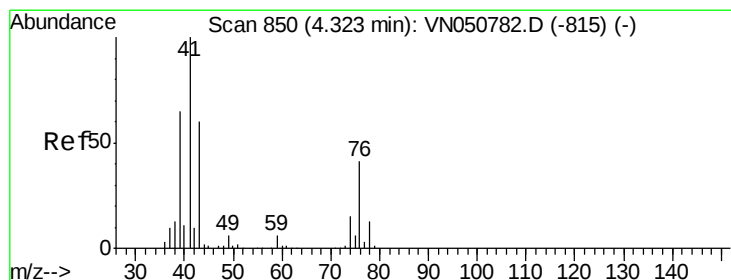
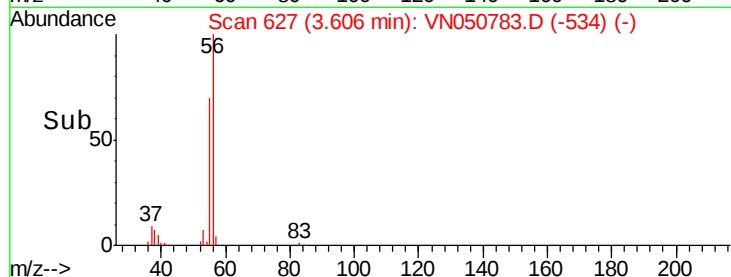
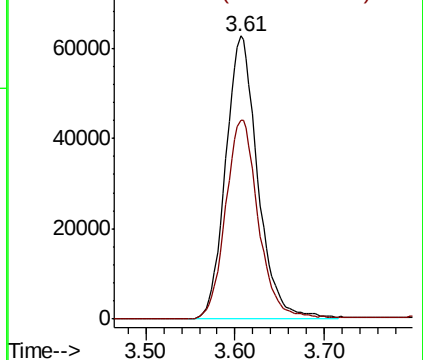
56 100

55 71.8 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 104.591 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

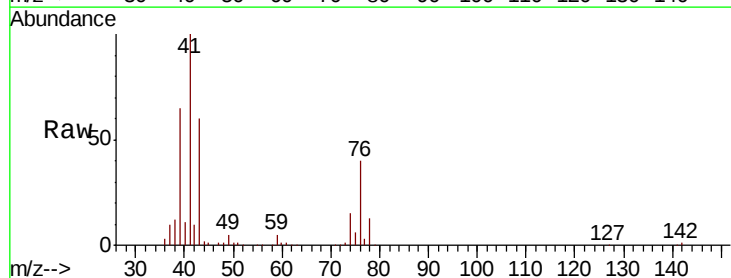
Tgt Ion: 41 Resp: 1248644

Ion Ratio Lower Upper

41 100

39 61.8 50.2 75.2

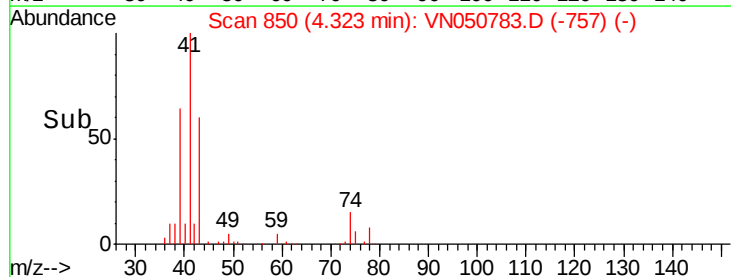
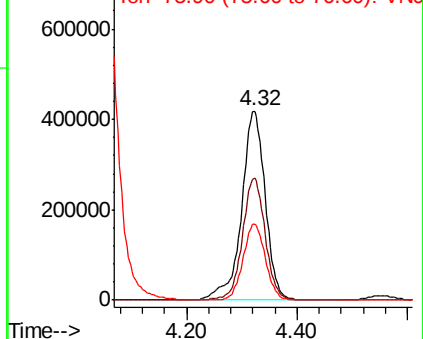
76 37.2 29.8 44.8

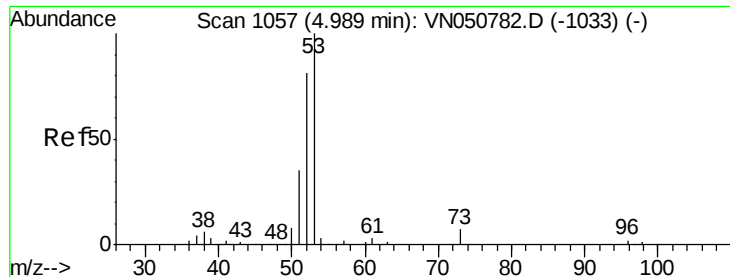


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 519.004 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

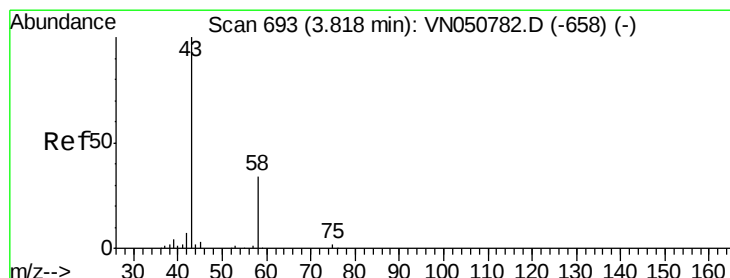
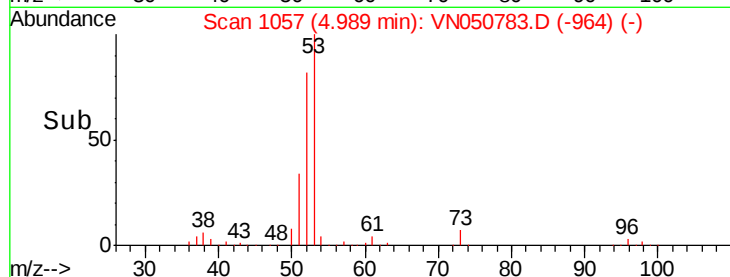
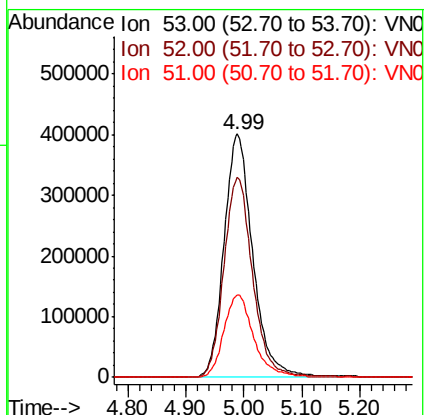
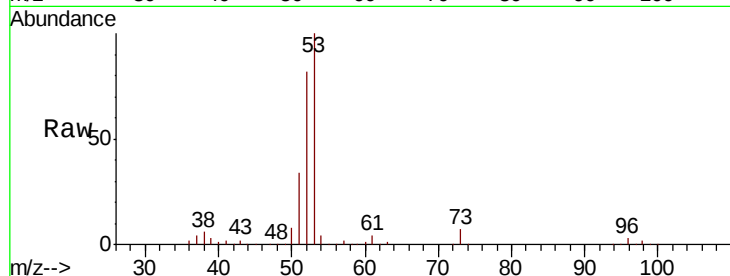
Tot Ion: 53 Resp: 1379288

Ion Ratio Lower Upper

53 100

52 82.4 65.9 98.9

51 35.3 28.6 43.0



#16

Acetone

Concen: 424.792 ug/l

RT: 3.82 min Scan# 693

Delta R.T. 0.00 min

Lab File: VN050783.D

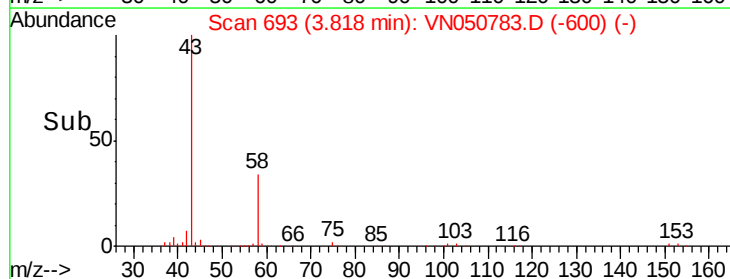
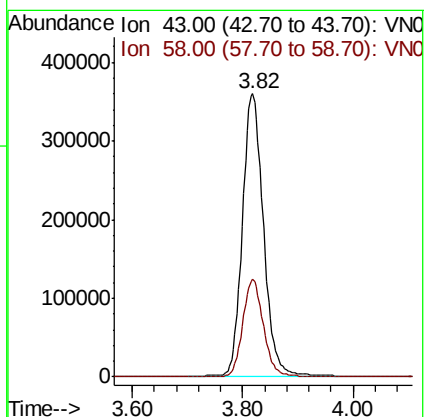
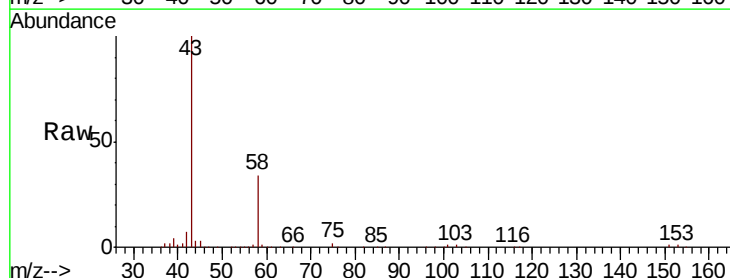
Acq: 21 Aug 2018 11:34

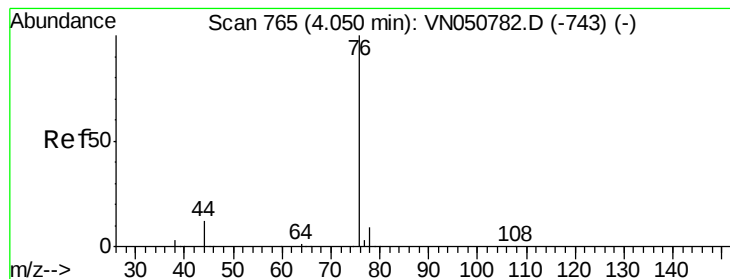
Tgt Ion: 43 Resp: 961847

Ion Ratio Lower Upper

43 100

58 34.3 27.2 40.8





#17

Carbon Disulfide

Concen: 95.678 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

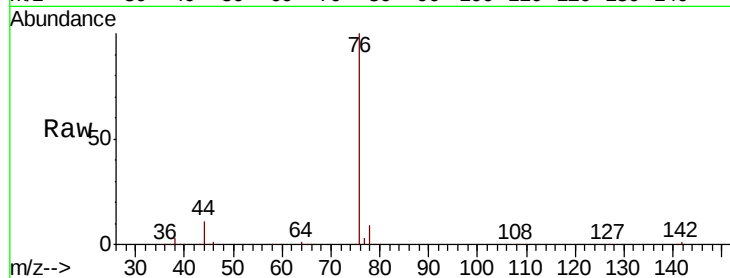
VSTDIC100

Tot Ion: 76 Resp: 2457359

Ion Ratio Lower Upper

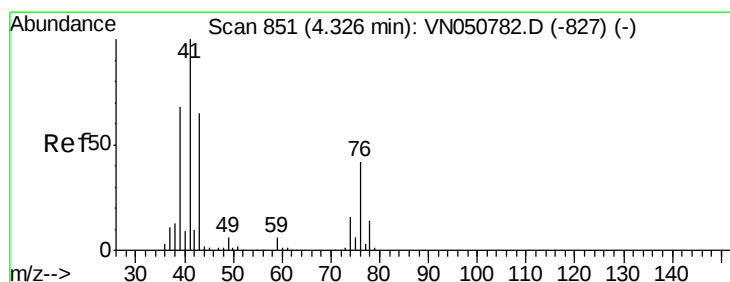
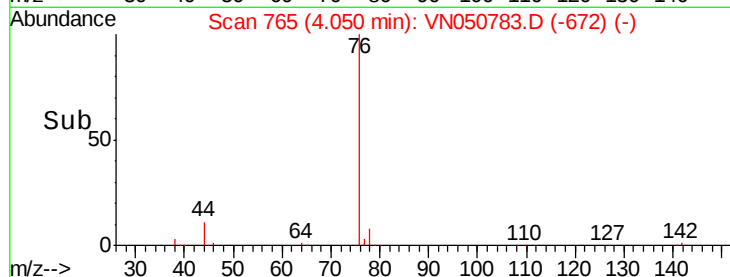
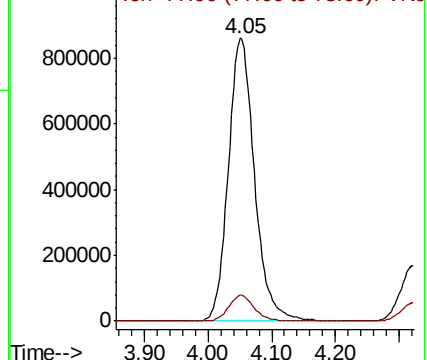
76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN050783.D (-743) (-)

Ion 77.90 (77.60 to 78.60): VN050783.D (-743) (-)



#18

Methyl Acetate

Concen: 91.809 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN050783.D

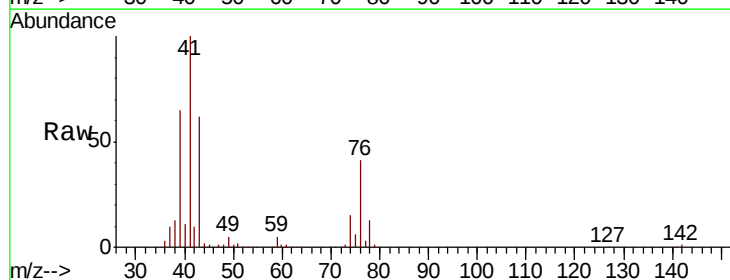
Acq: 21 Aug 2018 11:34

Tgt Ion: 43 Resp: 716881

Ion Ratio Lower Upper

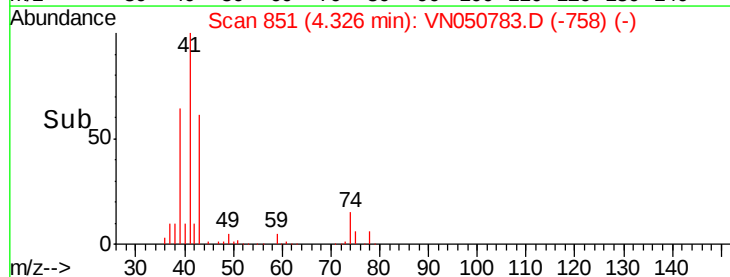
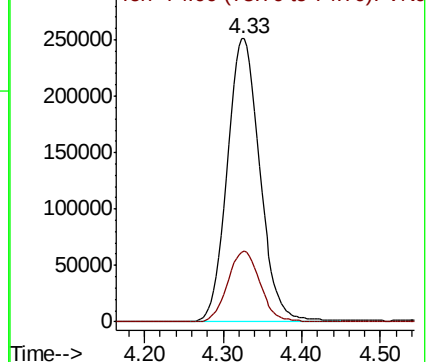
43 100

74 25.1 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN050783.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN050783.D (-758) (-)

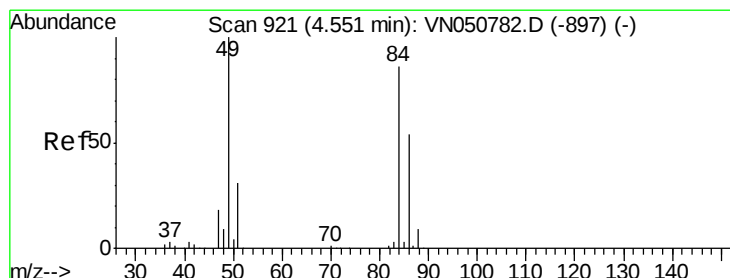
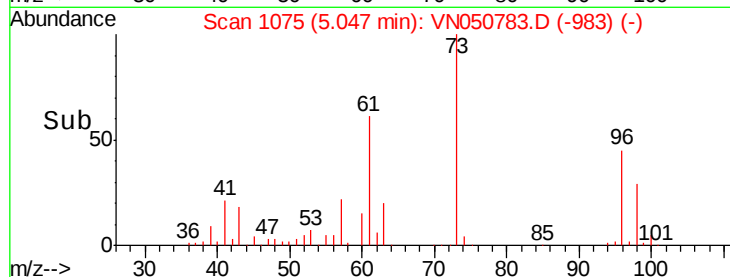
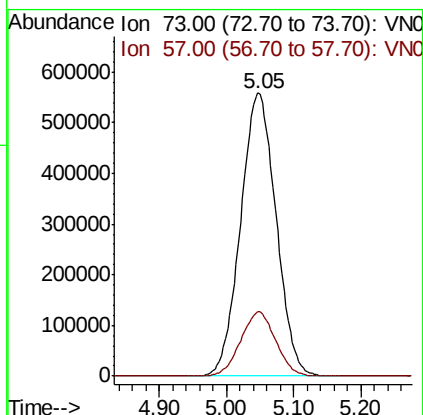
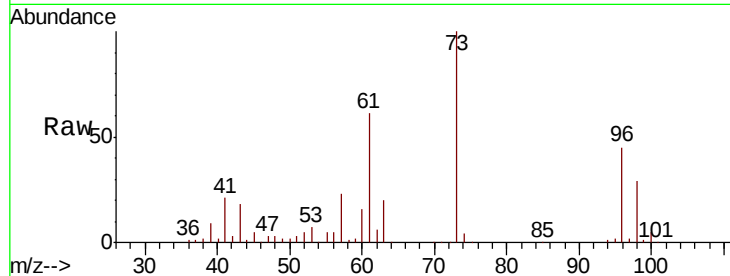




#19
Methyl tert-butyl Ether
Concen: 105.981 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

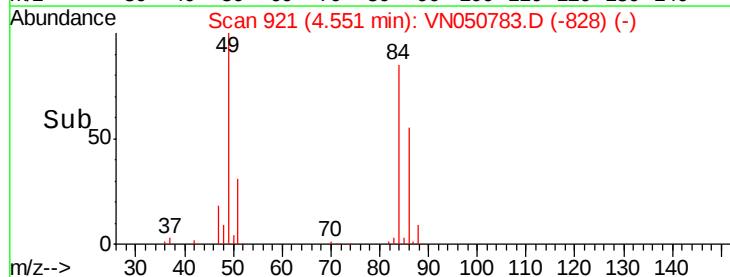
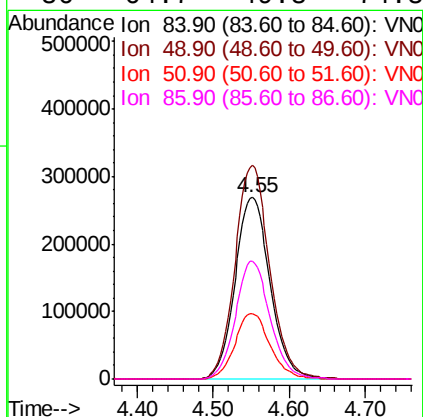
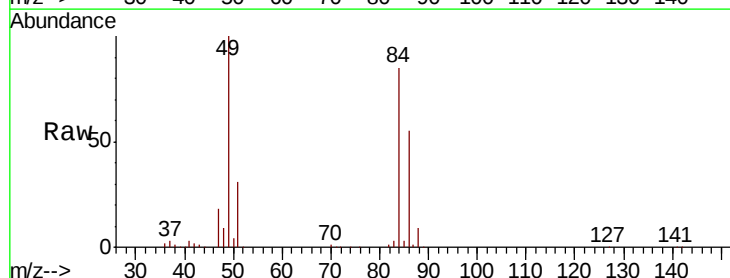
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

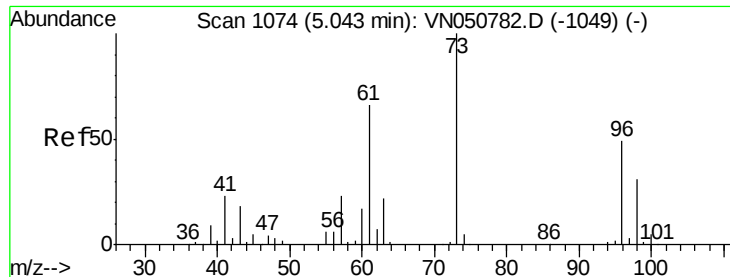
Tot Ion: 73 Resp: 2042383
Ion Ratio Lower Upper
73 100
57 22.8 17.8 26.8



#20
Methylene Chloride
Concen: 93.047 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

Tgt Ion: 84 Resp: 861198
Ion Ratio Lower Upper
84 100
49 117.5 93.2 139.8
51 35.9 29.0 43.6
86 64.7 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 99.363 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

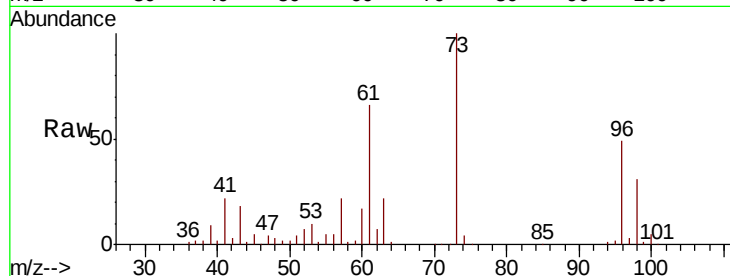
Tot Ion: 96 Resp: 820377

Ion Ratio Lower Upper

96 100

61 135.2 107.4 161.0

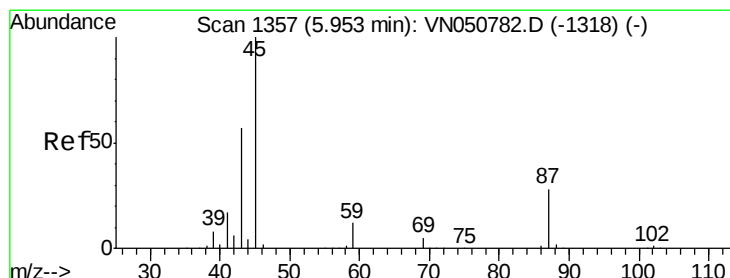
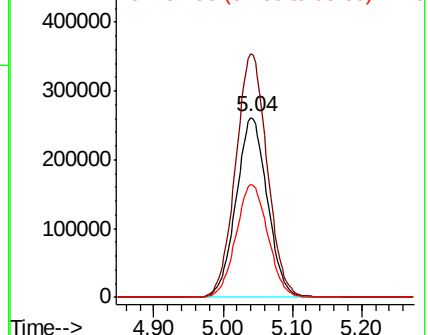
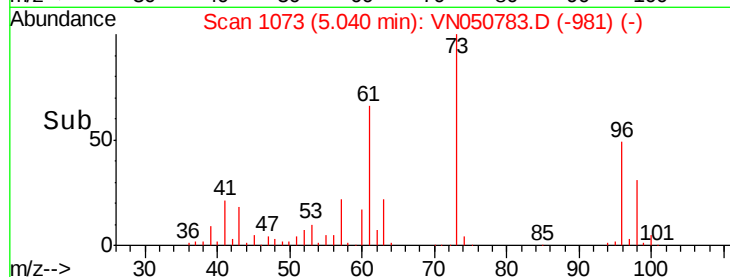
98 62.7 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VN050783.D (-981) (-)

Ion 60.90 (60.60 to 61.60): VN050783.D (-981) (-)

Ion 97.90 (97.60 to 98.60): VN050783.D (-981) (-)



#22

Diisopropyl ether

Concen: 103.929 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Tgt Ion: 45 Resp: 2472639

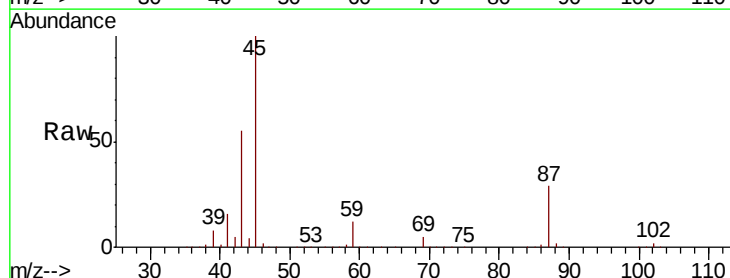
Ion Ratio Lower Upper

45 100

43 55.1 45.9 68.9

87 28.9 22.7 34.1

59 12.2 9.3 13.9

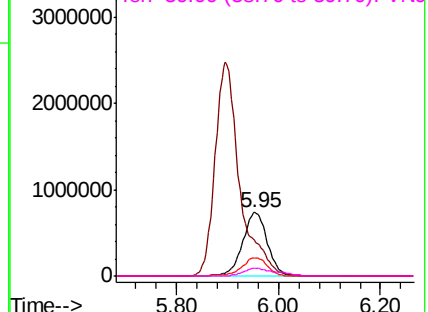
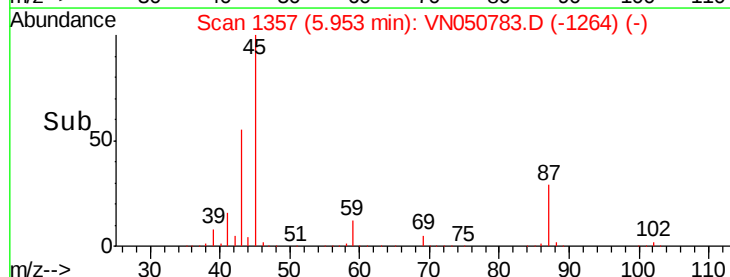


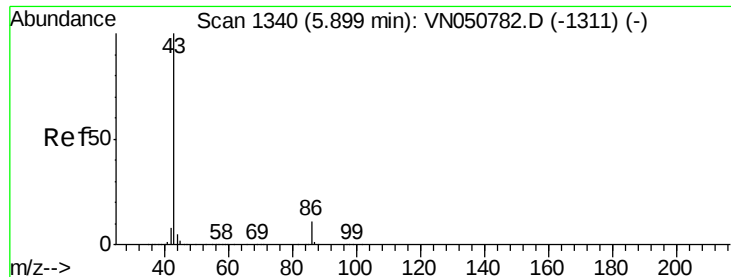
Abundance Ion 45.00 (44.70 to 45.70): VN050783.D (-1264) (-)

Ion 43.00 (42.70 to 43.70): VN050783.D (-1264) (-)

Ion 87.00 (86.70 to 87.70): VN050783.D (-1264) (-)

Ion 59.00 (58.70 to 59.70): VN050783.D (-1264) (-)





#23

Vinyl Acetate

Concen: 542.072 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

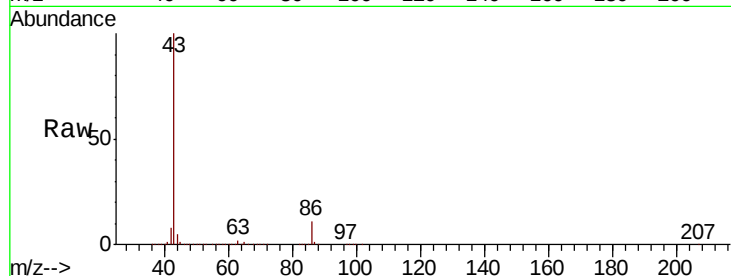
VSTDIC100

Tot Ion: 43 Resp: 8305546

Ion Ratio Lower Upper

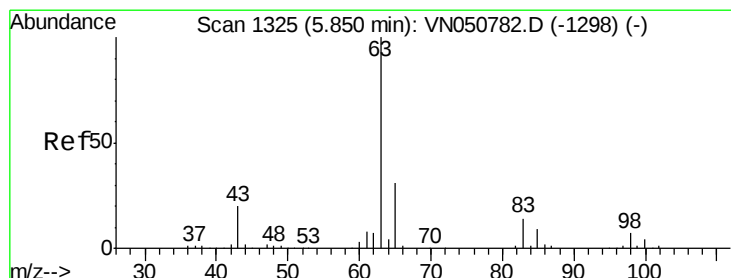
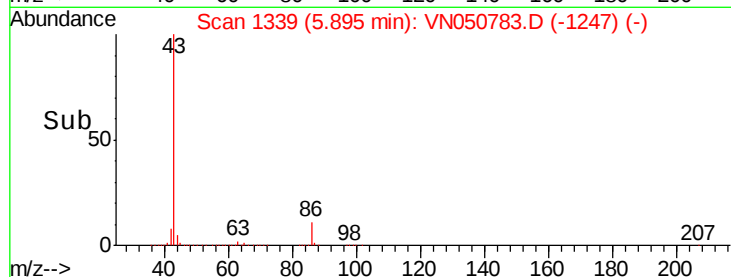
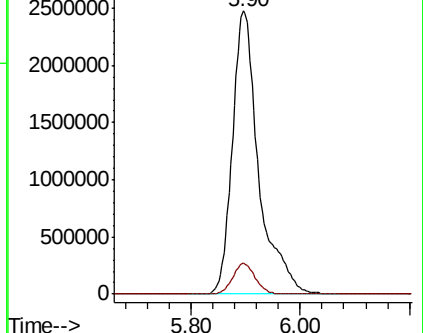
43 100

86 10.9 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN050783.D (-1339) (-)

Ion 86.00 (85.70 to 86.70): VN050783.D (-1339) (-)



#24

1,1-Dichloroethane

Concen: 97.234 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

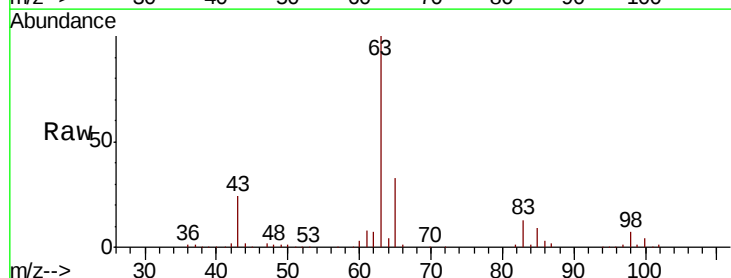
Tgt Ion: 63 Resp: 1485190

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

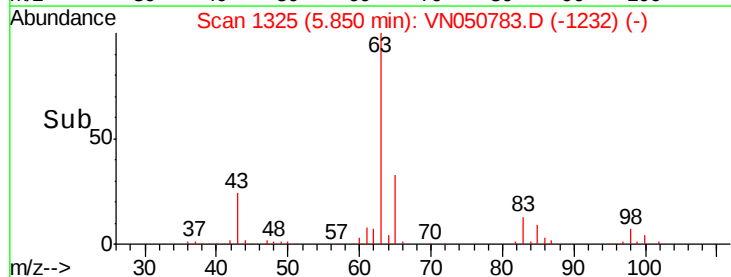
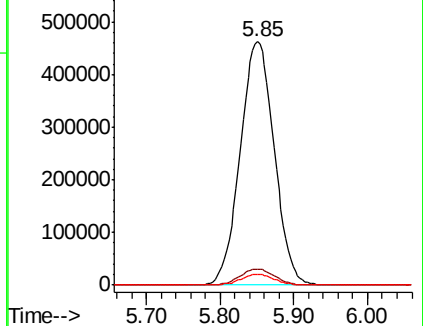
100 4.3 2.1 6.5

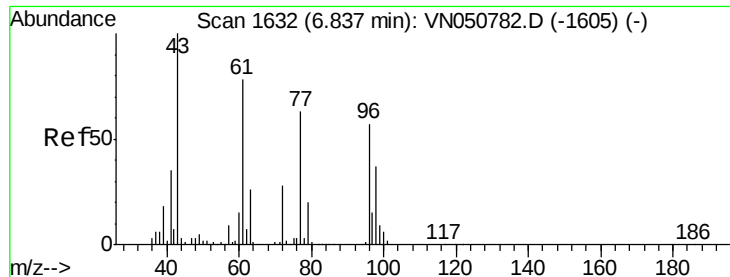


Abundance Ion 62.90 (62.60 to 63.60): VN050783.D (-1325) (-)

Ion 97.90 (97.60 to 98.60): VN050783.D (-1325) (-)

Ion 99.90 (99.60 to 100.60): VN050783.D (-1325) (-)

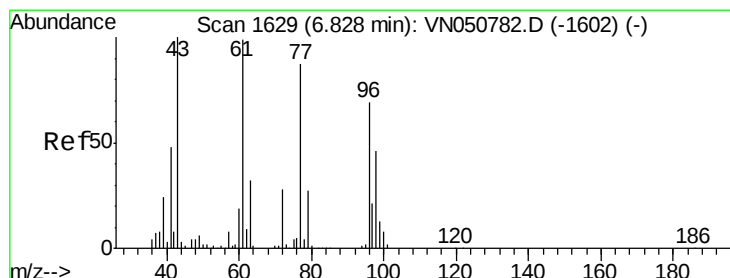
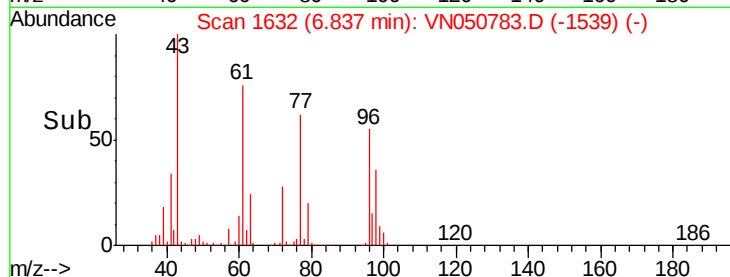
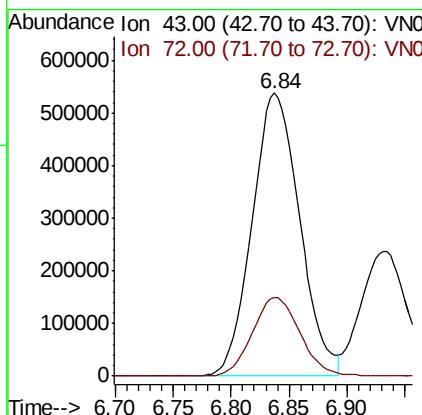
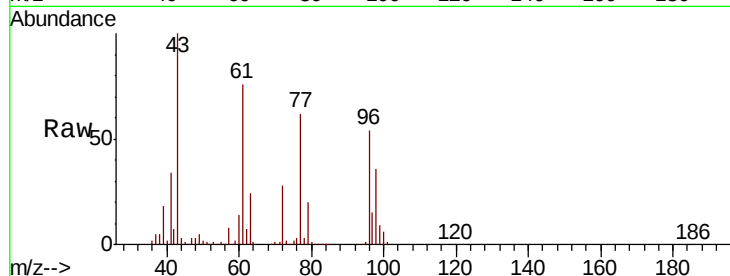




#25
 2-Butanone
 Concen: 463.491 ug/l
 RT: 6.84 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: VN050783.D
 Acq: 21 Aug 2018 11:34

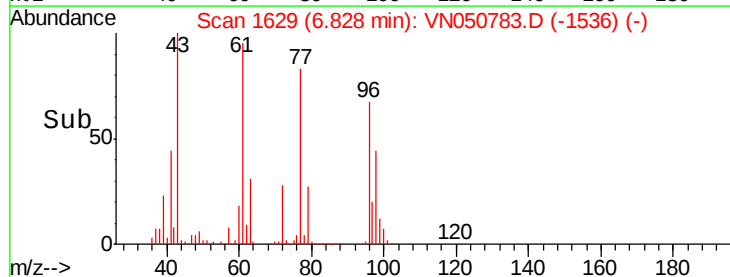
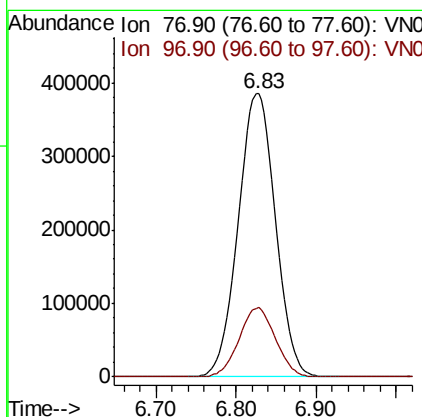
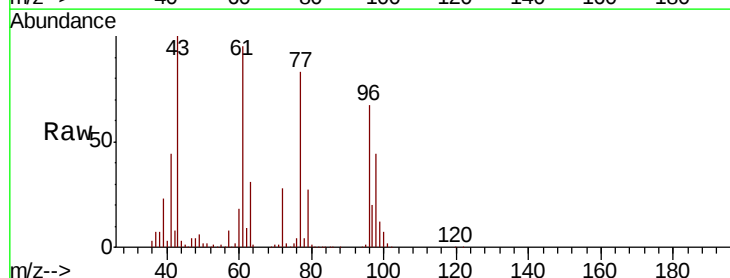
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

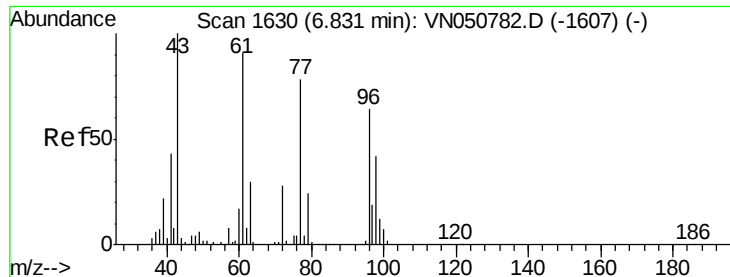
Tot Ion: 43 Resp: 1533873
 Ion Ratio Lower Upper
 43 100
 72 27.7 22.3 33.5



#26
 2,2-Dichloropropane
 Concen: 98.988 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: VN050783.D
 Acq: 21 Aug 2018 11:34

Tgt Ion: 77 Resp: 1214915
 Ion Ratio Lower Upper
 77 100
 97 23.9 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 101.753 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

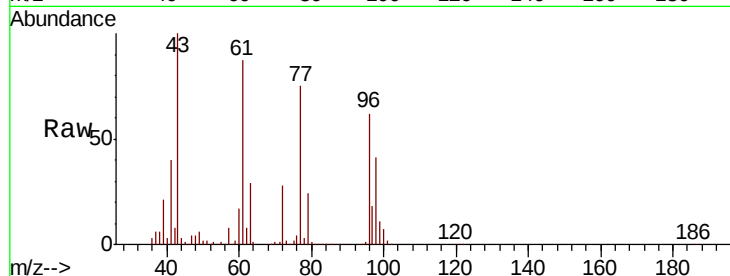
Tot Ion: 96 Resp: 909020

Ion Ratio Lower Upper

96 100

61 141.7 0.0 283.4

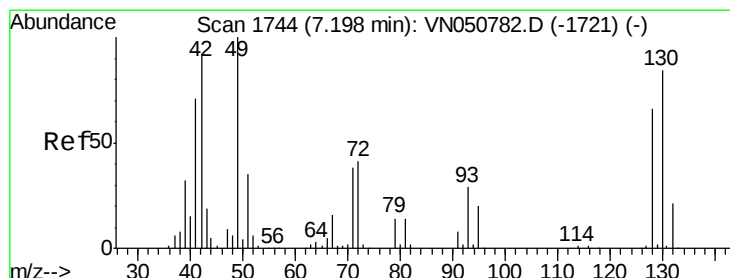
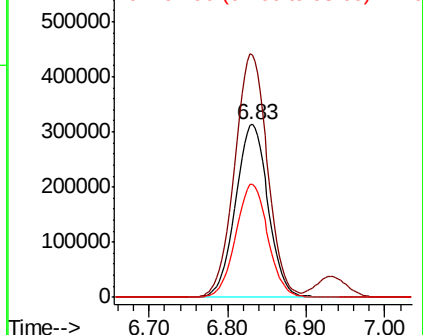
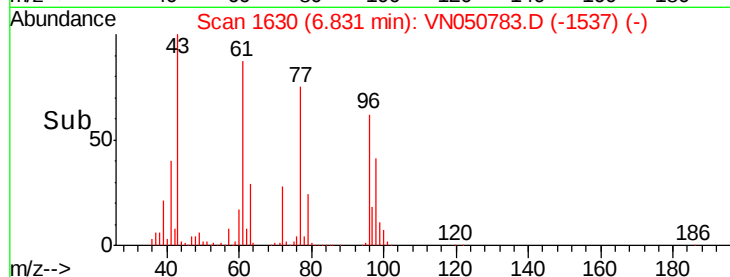
98 64.9 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN050783.D (-1537) (-)

Ion 60.90 (60.60 to 61.60): VN050783.D (-1537) (-)

Ion 97.90 (97.60 to 98.60): VN050783.D (-1537) (-)



#28

Bromochloromethane

Concen: 97.988 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

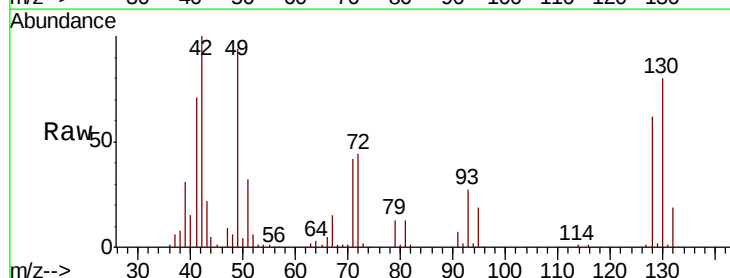
Tgt Ion: 49 Resp: 635984

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

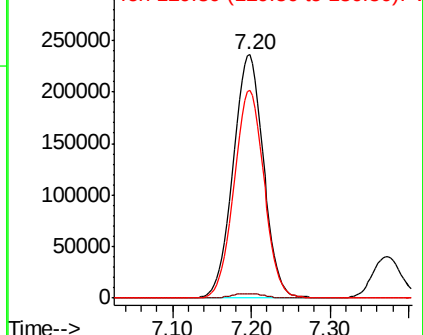
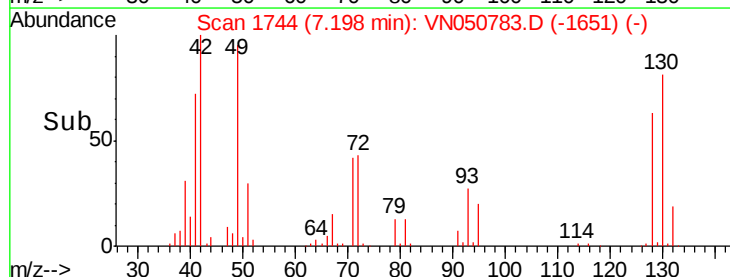
130 84.7 67.1 100.7

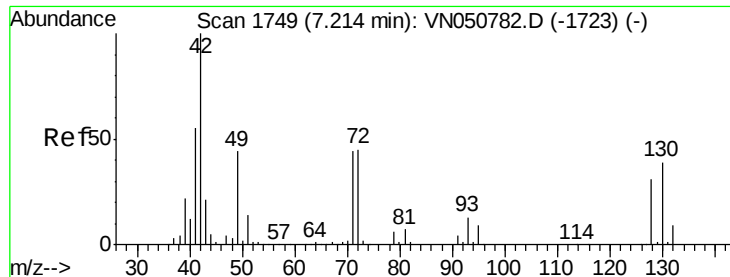


Abundance Ion 48.90 (48.60 to 49.60): VN050783.D (-1651) (-)

Ion 128.80 (128.50 to 129.50): VN050783.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN050783.D (-1651) (-)

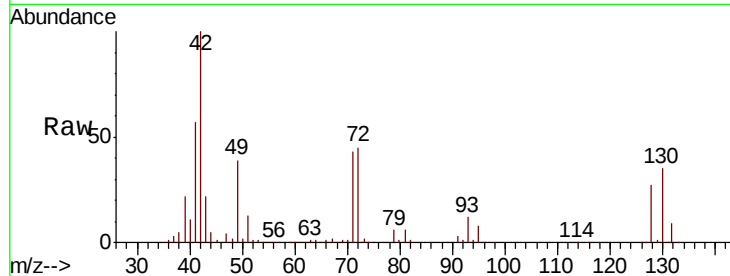




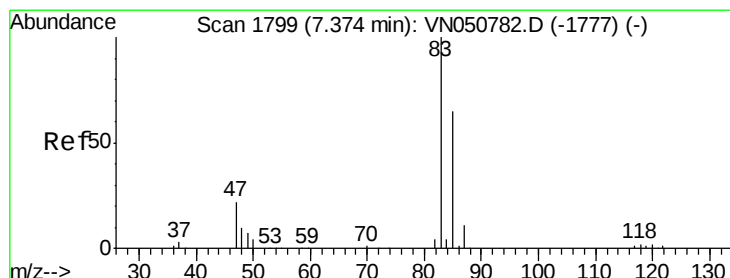
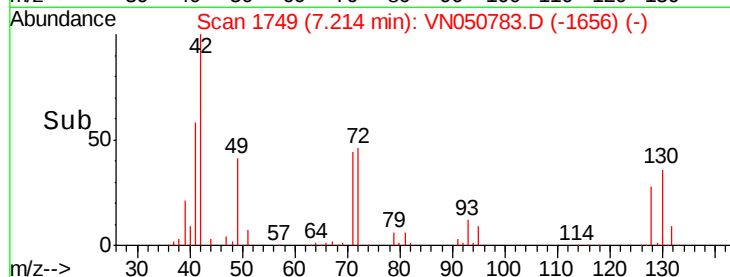
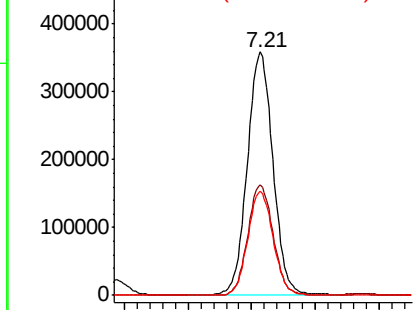
#29
Tetrahydrofuran
Concen: 530.690 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. 0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 42 Resp: 1006940
Ion Ratio Lower Upper
42 100
72 44.7 35.5 53.3
71 42.3 33.7 50.5

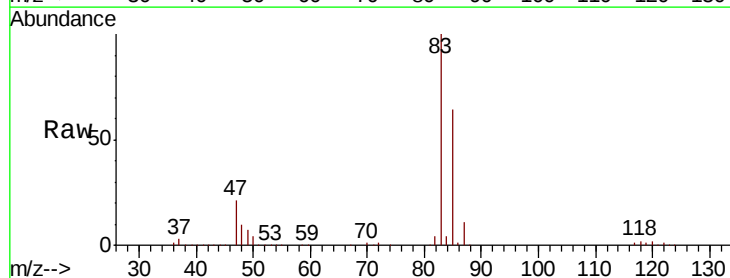


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

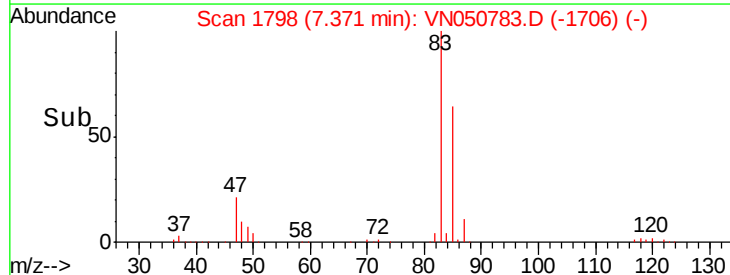
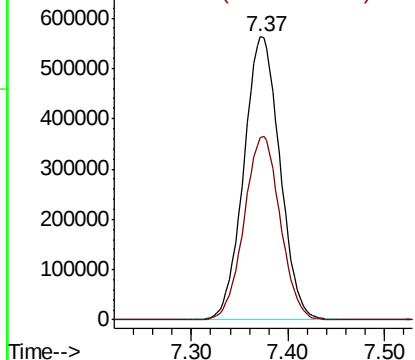


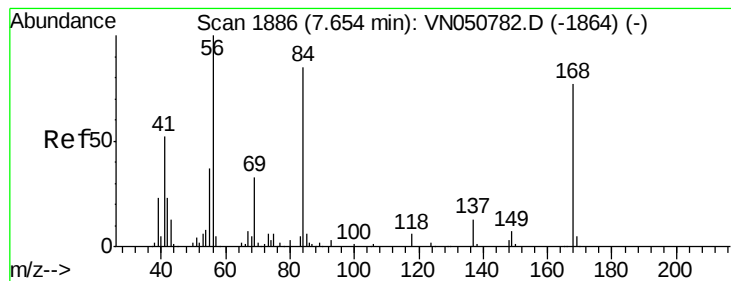
#30
Chloroform
Concen: 96.502 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

Tgt Ion: 83 Resp: 1459618
Ion Ratio Lower Upper
83 100
85 64.3 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: 91.794 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

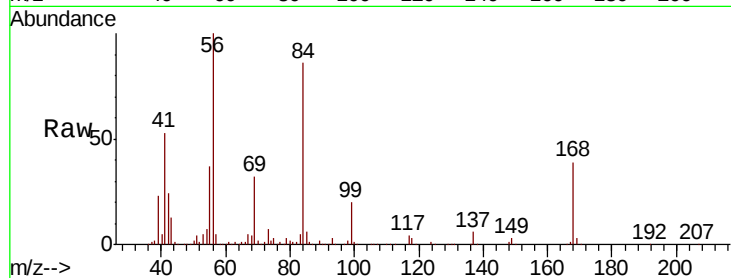
Tot Ion: 56 Resp: 1392765

Ion Ratio Lower Upper

56 100

69 31.5 26.2 39.4

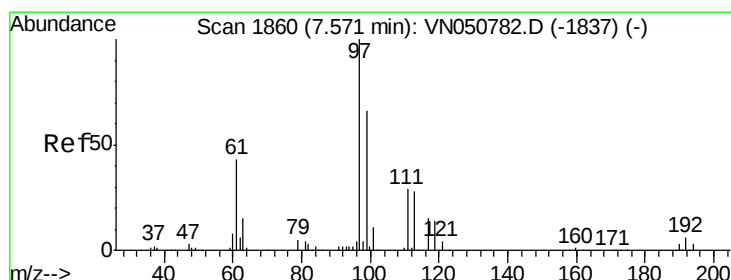
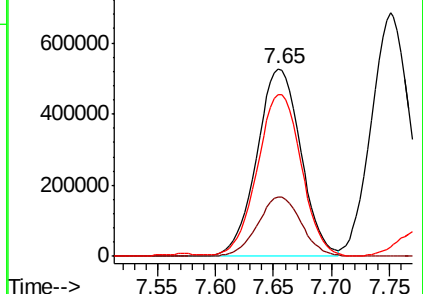
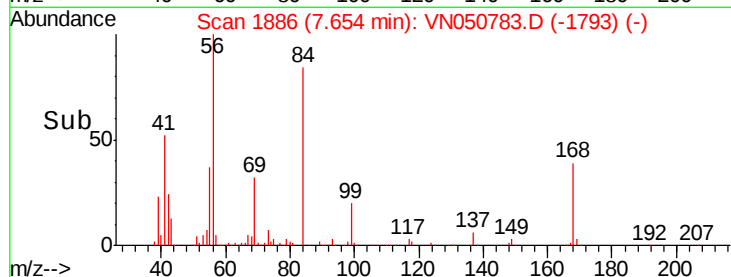
84 84.8 68.3 102.5



Abundance Ion 56.00 (55.70 to 56.70): VN050783.D (-1793) (-)

Ion 69.00 (68.70 to 69.70): VN050783.D (-1793) (-)

Ion 84.00 (83.70 to 84.70): VN050783.D (-1793) (-)



#32

1,1,1-Trichloroethane

Concen: 97.876 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

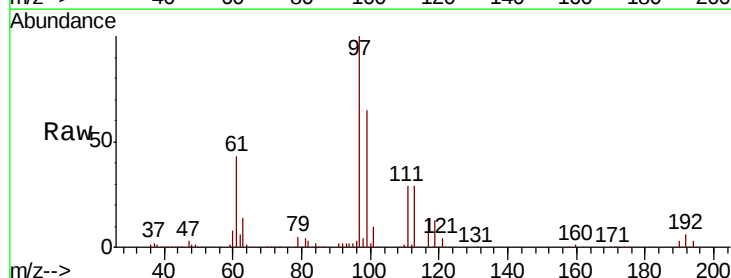
Tgt Ion: 97 Resp: 1271572

Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.6

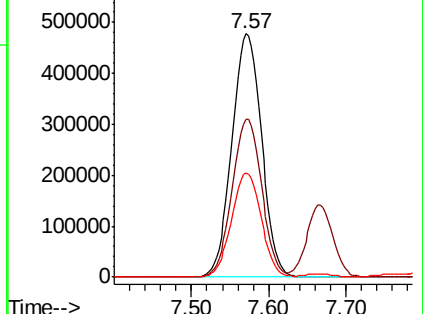
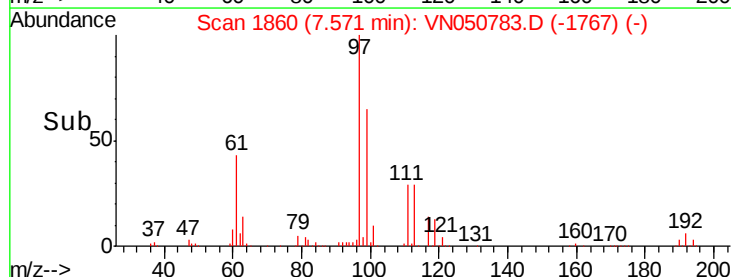
61 42.8 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VN050783.D (-1767) (-)

Ion 98.90 (98.60 to 99.60): VN050783.D (-1767) (-)

Ion 60.90 (60.60 to 61.60): VN050783.D (-1767) (-)





#33

1,2-Dichloroethane-d4

Concen: 98.335 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

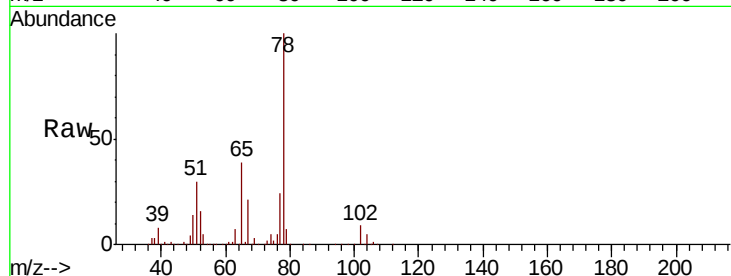
VSTDIC100

Tot Ion: 65 Resp: 807530

Ion Ratio Lower Upper

65 100

67 54.7 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN050783.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN050783.D (-1909) (-)

8.03

400000

300000

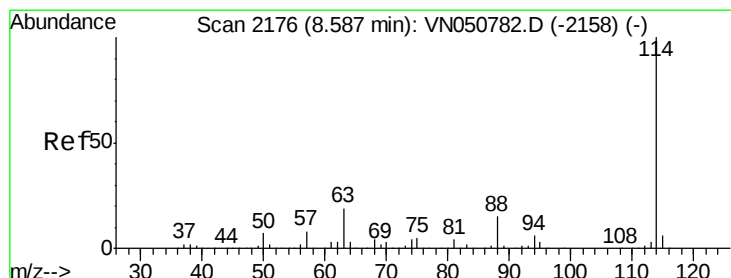
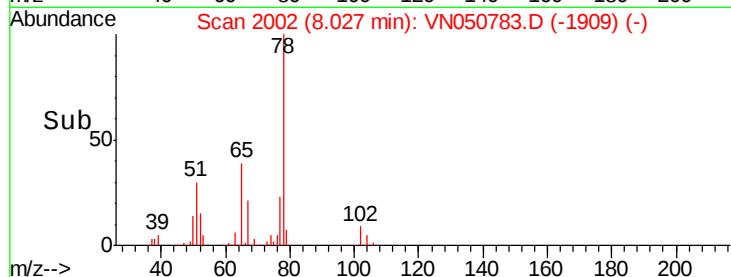
200000

100000

0

7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

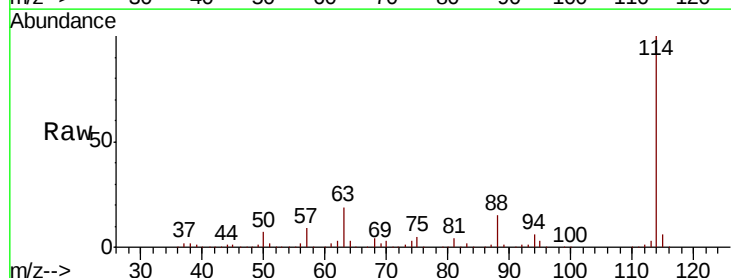
Tgt Ion: 114 Resp: 952520

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

88 15.3 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VN050783.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN050783.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN050783.D (-2083) (-)

8.59

600000

500000

400000

300000

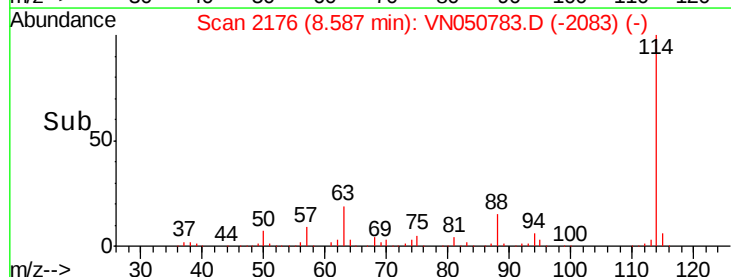
200000

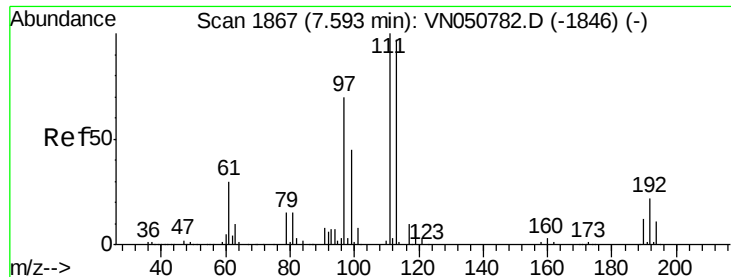
100000

0

8.50 8.60 8.70

Time-->

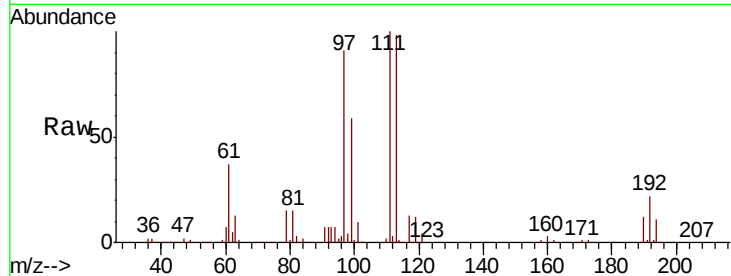




#35
 Dibromofluoromethane
 Concen: 100.760 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN050783.D
 Acq: 21 Aug 2018 11:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	22.5	18.0	27.0

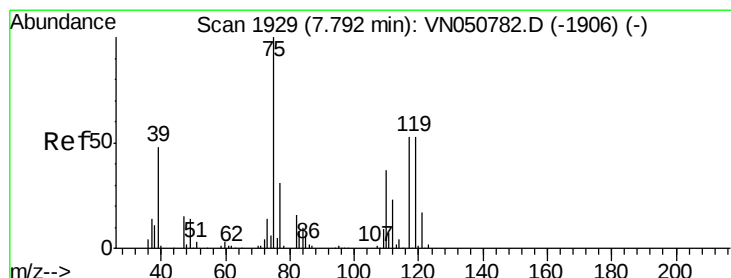
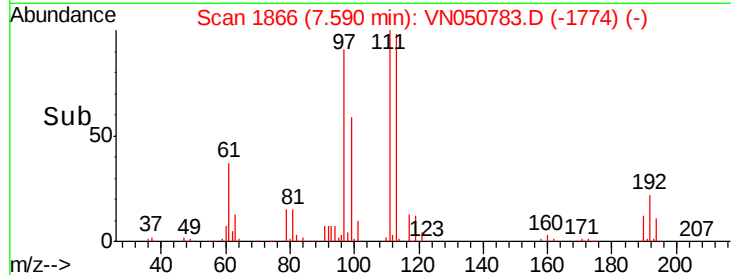
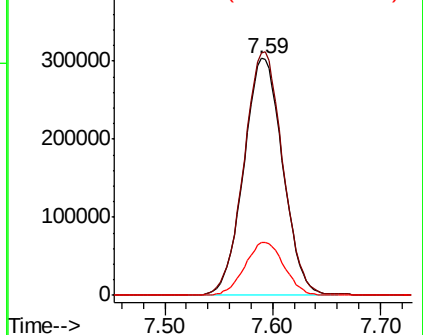


Abundance

Ion 112.80 (112.50 to 113.50): V

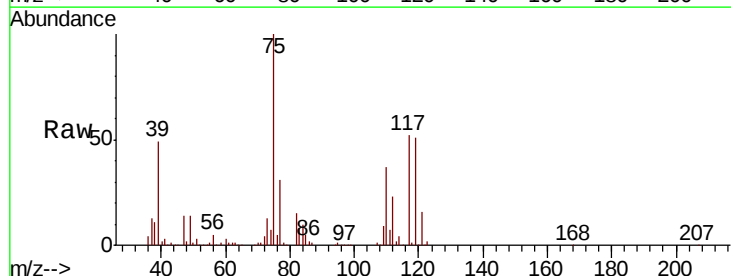
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 104.236 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN050783.D
 Acq: 21 Aug 2018 11:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.1	54.4
77	31.0	24.8	37.2

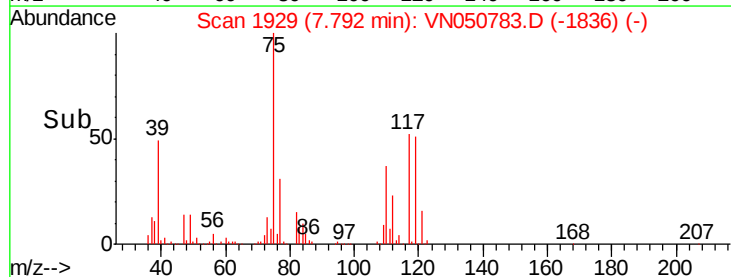
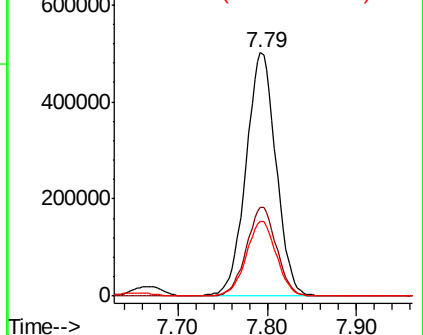


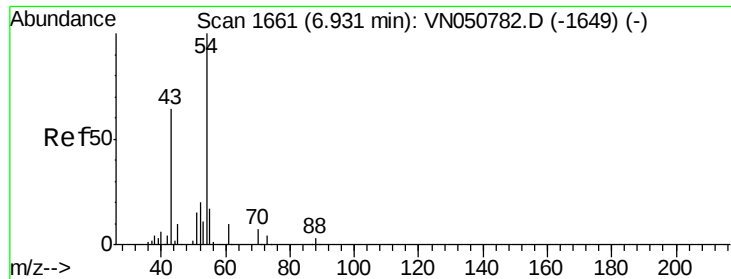
Abundance

Ion 74.90 (74.60 to 75.60): VNO

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VNO

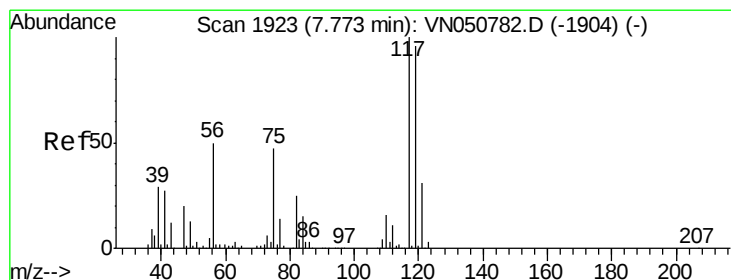
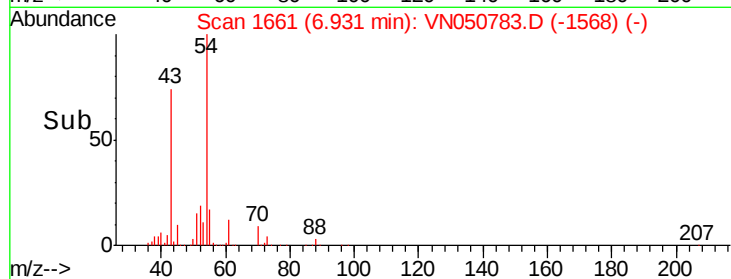
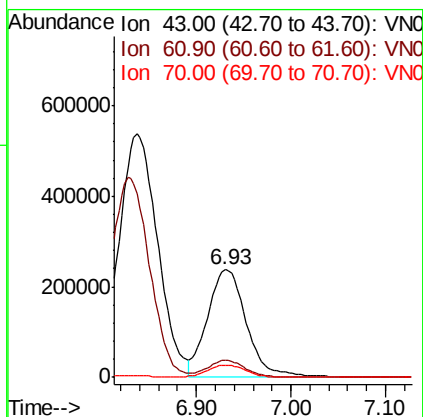
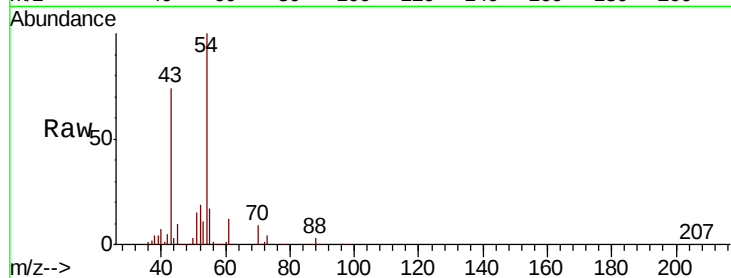




#37
Ethyl Acetate
Concen: 108.075 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

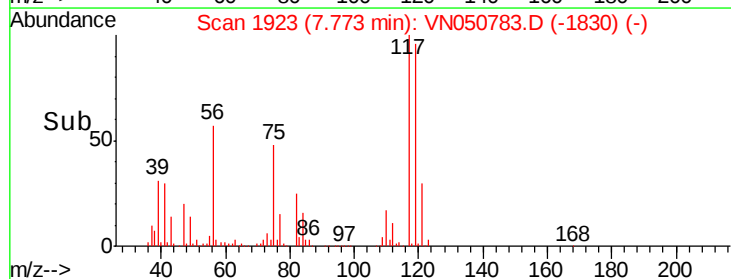
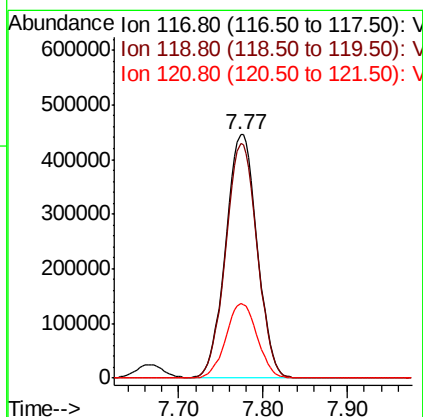
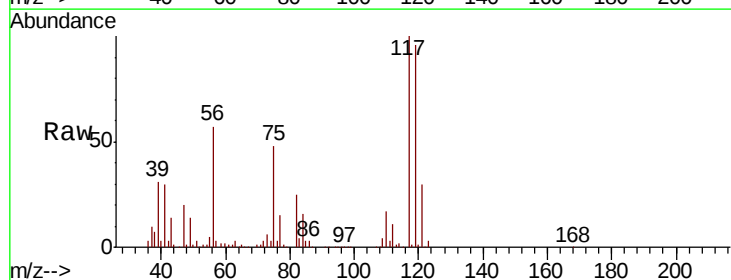
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

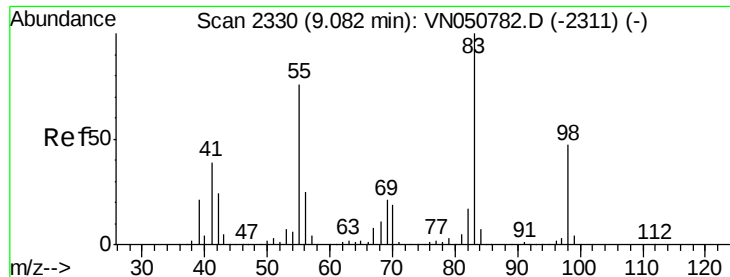
Tot Ion: 43 Resp: 668485
Ion Ratio Lower Upper
43 100
61 15.2 12.0 18.0
70 11.2 8.6 13.0



#38
Carbon Tetrachloride
Concen: 101.911 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

Tgt Ion: 117 Resp: 1157895
Ion Ratio Lower Upper
117 100
119 96.2 76.3 114.5
121 30.5 24.6 36.8

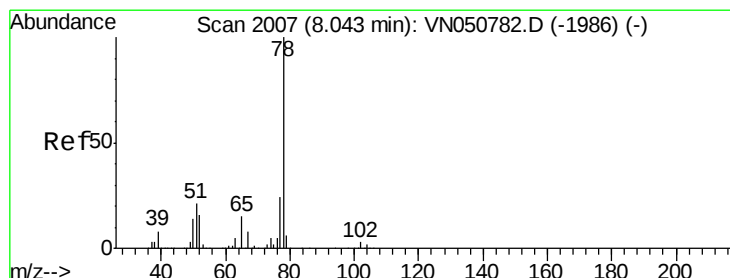
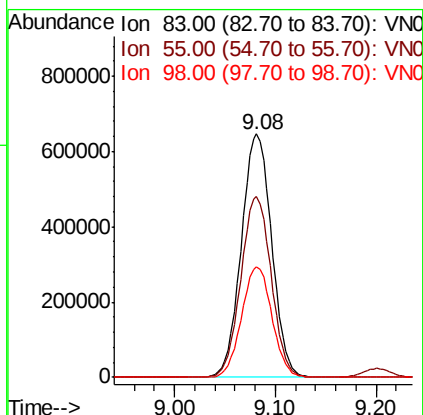
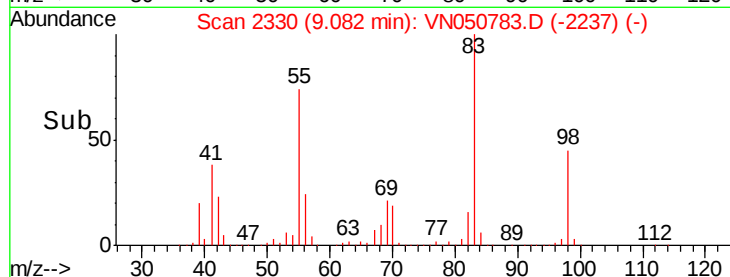
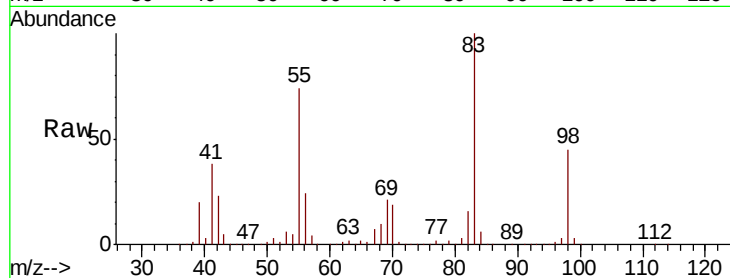




#39
Methvlcvclohexane
Concen: 110.558 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

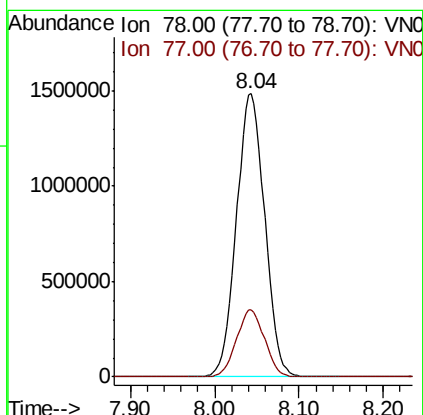
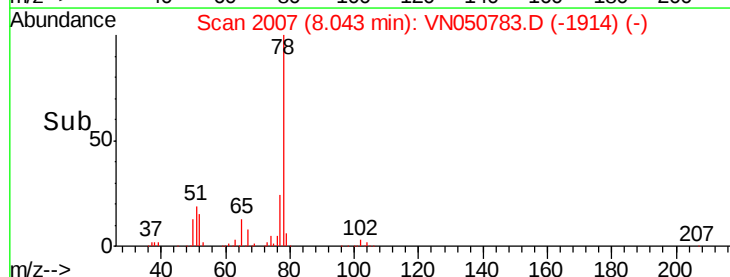
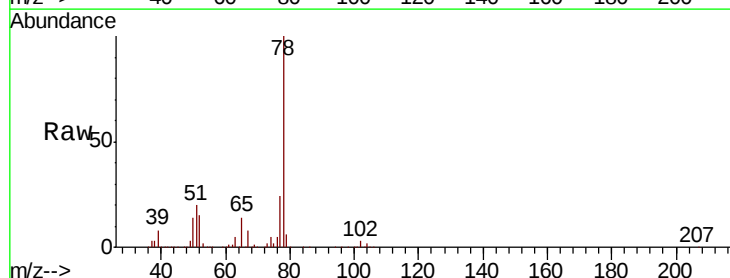
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 83 Resp: 1344418
Ion Ratio Lower Upper
83 100
55 74.3 61.0 91.4
98 45.4 37.5 56.3



#40
Benzene
Concen: 102.443 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

Tgt Ion: 78 Resp: 3472211
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

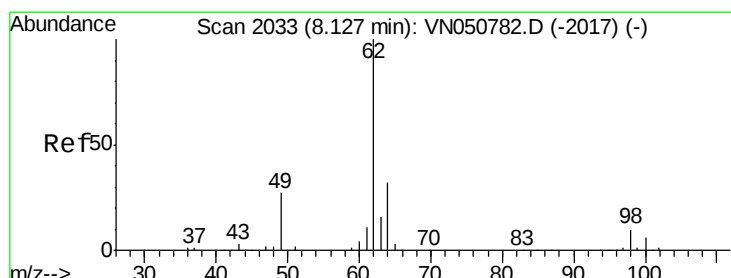
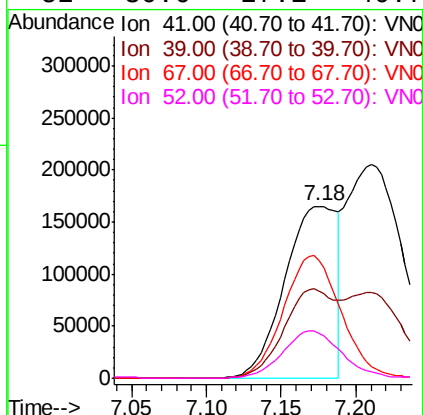
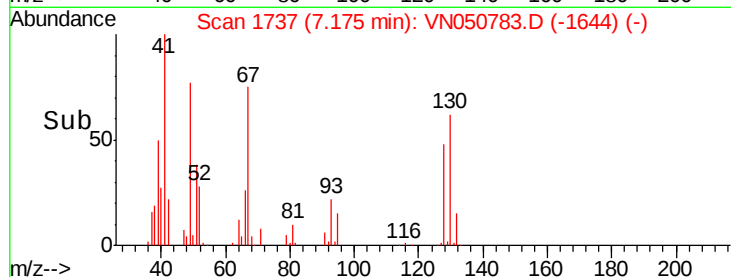
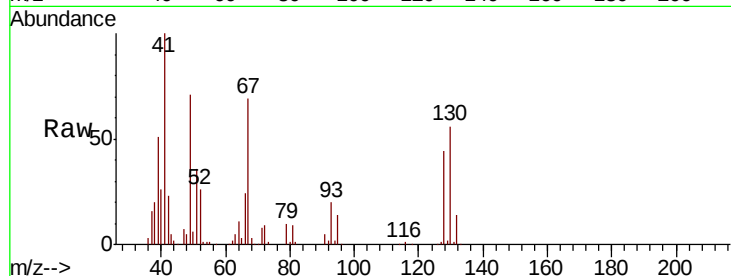




#41
Methacrylonitrile
Concen: 121.459 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

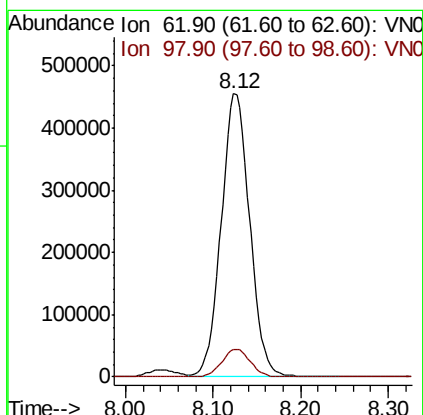
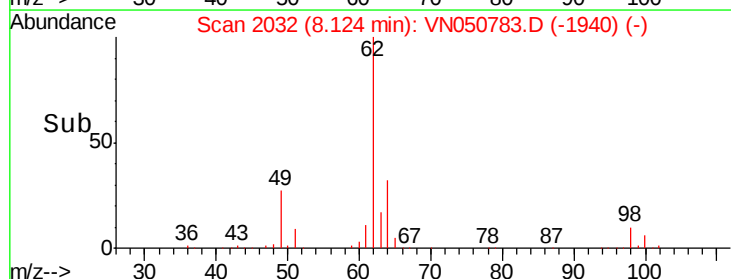
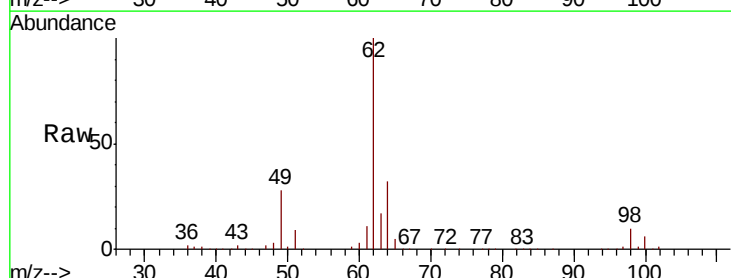
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

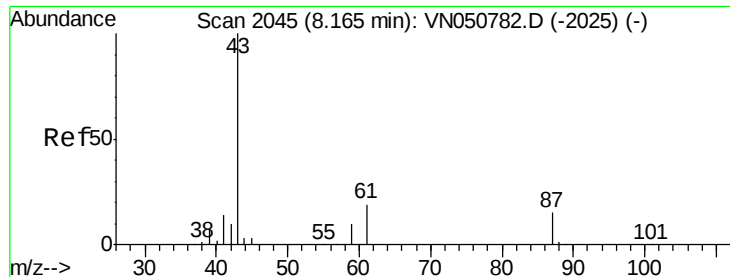
Tot Ion: 41 Resp: 397121
Ion Ratio Lower Upper
41 100
39 50.7 45.4 68.0
67 79.7 70.6 106.0
52 30.6 27.1 40.7



#42
1,2-Dichloroethane
Concen: 101.311 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

Tgt Ion: 62 Resp: 1026651
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.6





#43

Isopropyl Acetate

Concen: 108.573 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

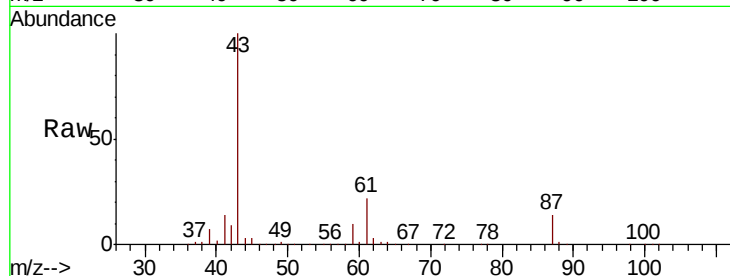
Tot Ion: 43 Resp: 1205333

Ion Ratio Lower Upper

43 100

61 21.8 17.5 26.3

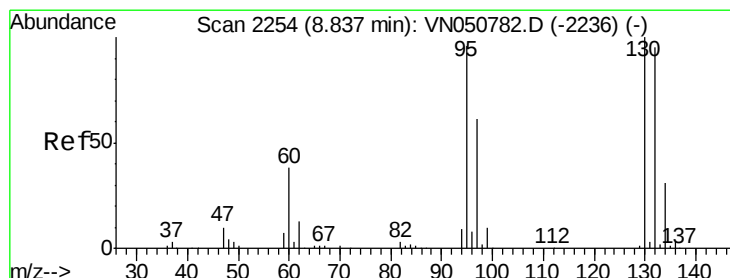
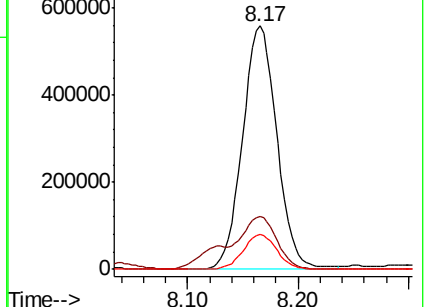
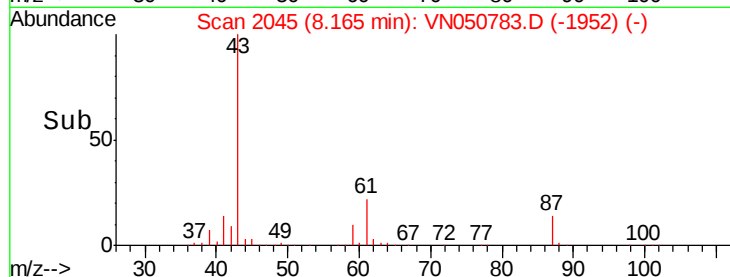
87 14.1 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN050783.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN050783.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN050783.D (-1952) (-)



#44

Trichloroethene

Concen: 102.445 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050783.D

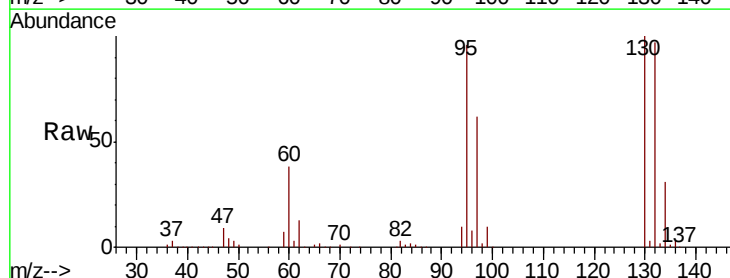
Acq: 21 Aug 2018 11:34

Tgt Ion:130 Resp: 915777

Ion Ratio Lower Upper

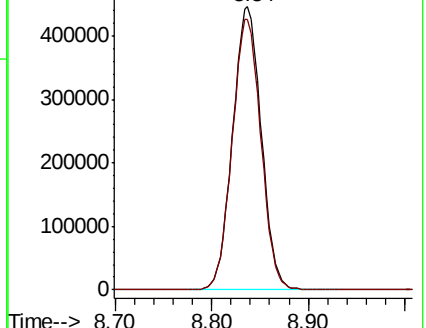
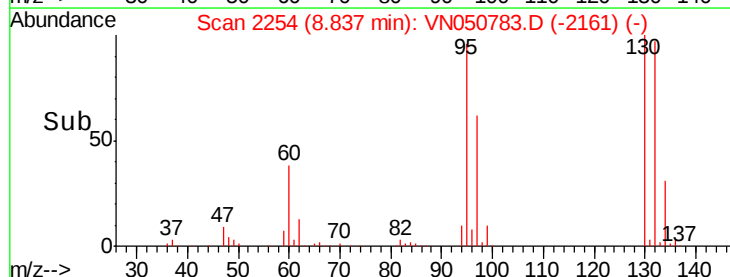
130 100

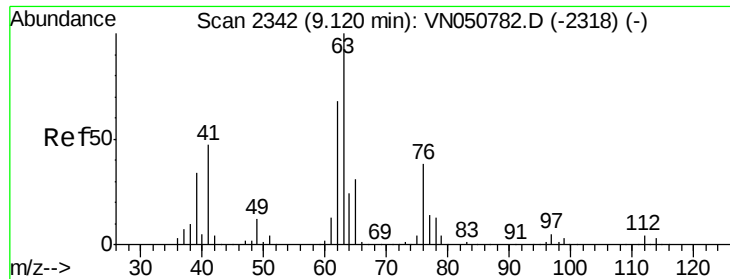
95 95.7 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): VN050783.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN050783.D (-2161) (-)

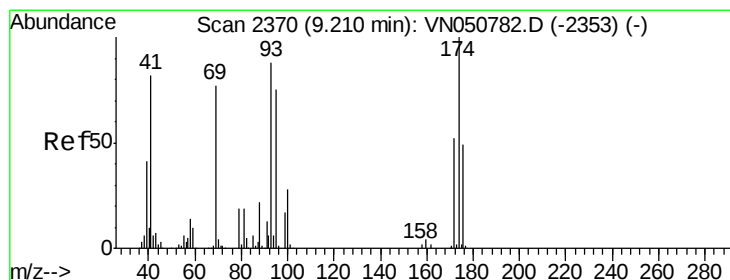
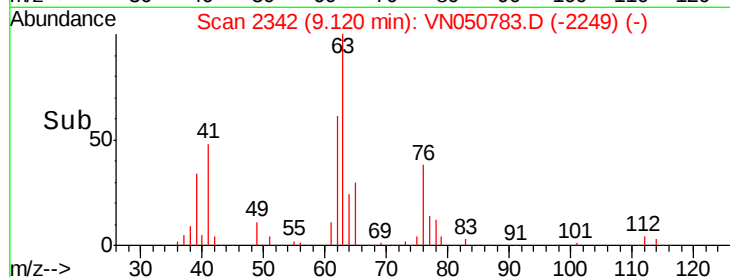
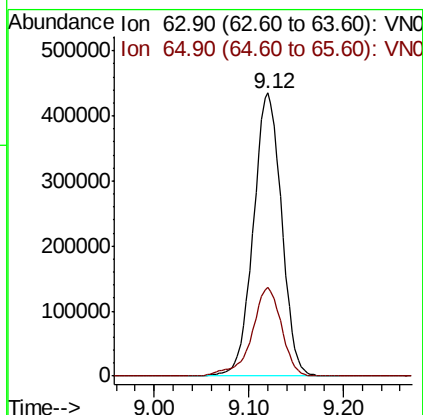
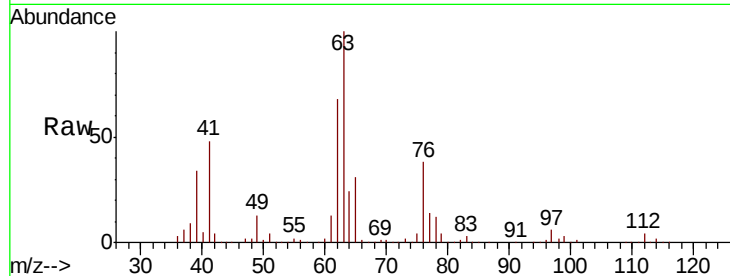




#45
 1,2-Dichloropropane
 Concen: 101.124 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN050783.D
 Acq: 21 Aug 2018 11:34

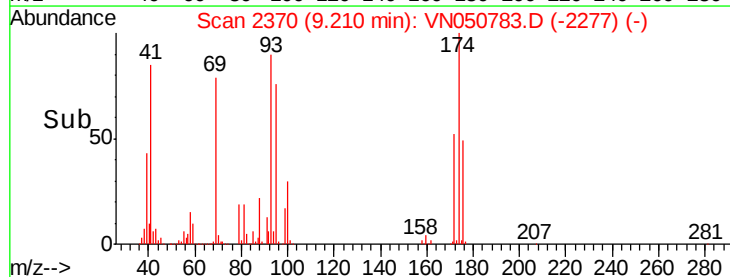
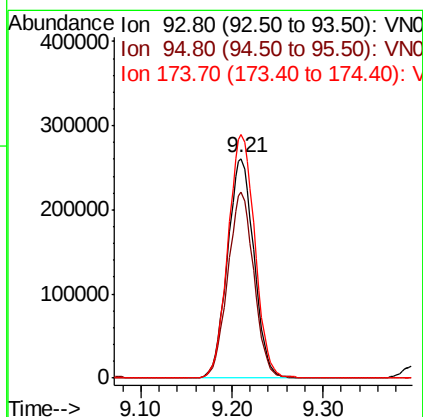
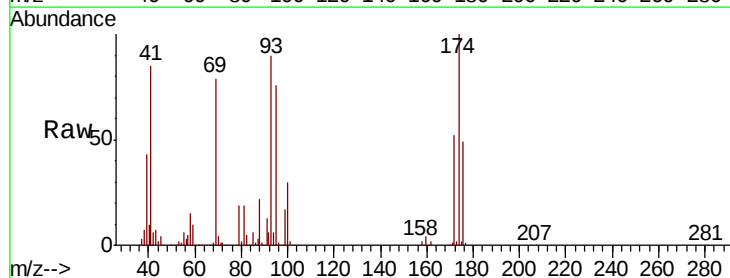
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

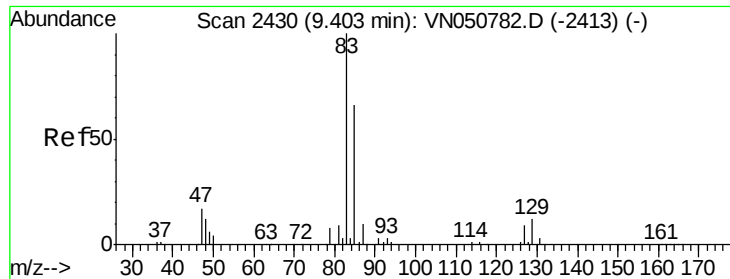
Tot Ion: 63 Resp: 900830
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6



#46
 Dibromomethane
 Concen: 101.315 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN050783.D
 Acq: 21 Aug 2018 11:34

Tgt Ion: 93 Resp: 530299
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.7 100.1
 174 112.0 89.8 134.6





#47

Bromodichloromethane

Concen: 103.053 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

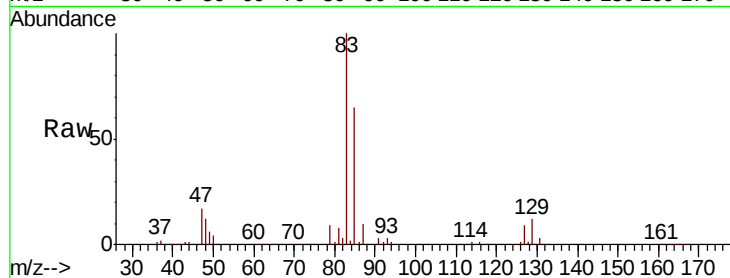
Tot Ion: 83 Resp: 1129778

Ion Ratio Lower Upper

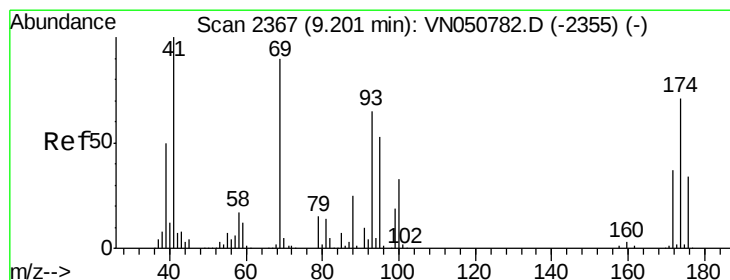
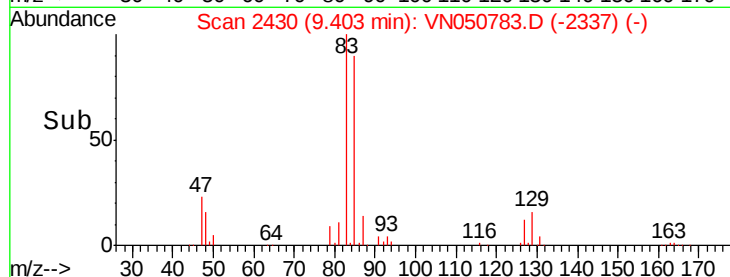
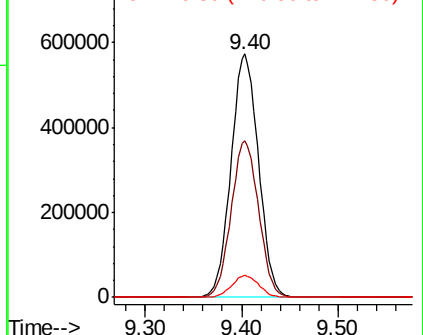
83 100

85 64.6 52.6 78.8

127 8.9 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 109.815 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

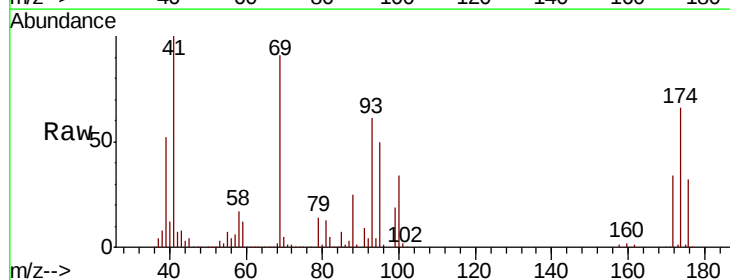
Tgt Ion: 41 Resp: 621306

Ion Ratio Lower Upper

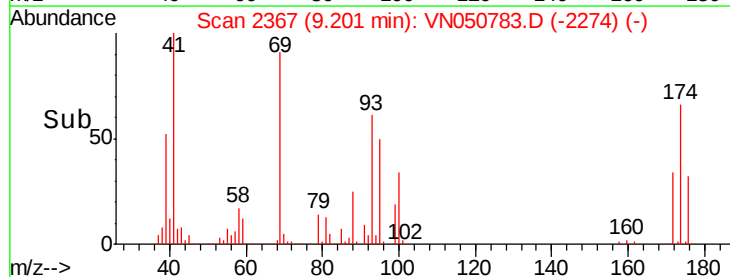
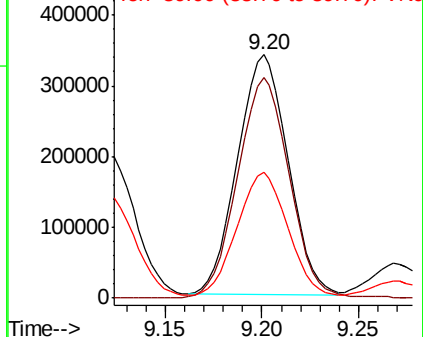
41 100

69 94.2 74.7 112.1

39 53.1 42.2 63.2



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





#49

1,4-Dioxane

Concen: 2239.627 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

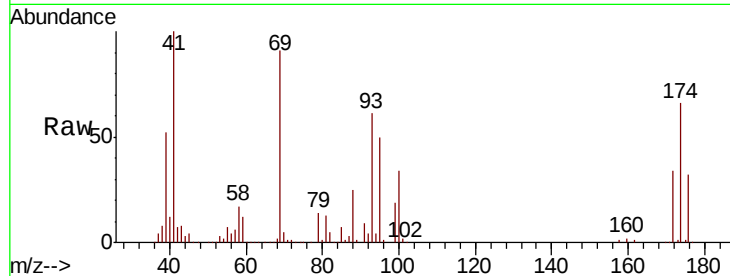
Tot Ion: 88 Resp: 172738

Ion Ratio Lower Upper

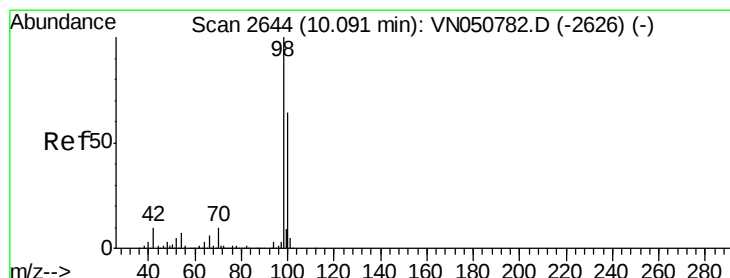
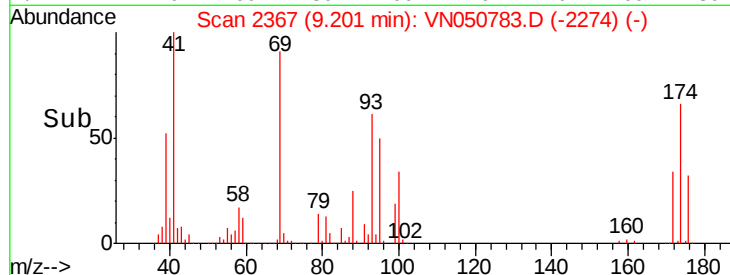
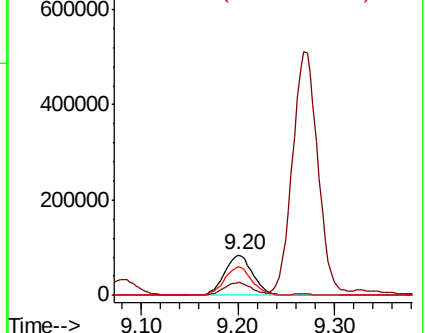
88 100

43 30.4 25.9 38.9

58 67.6 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: 104.950 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050783.D

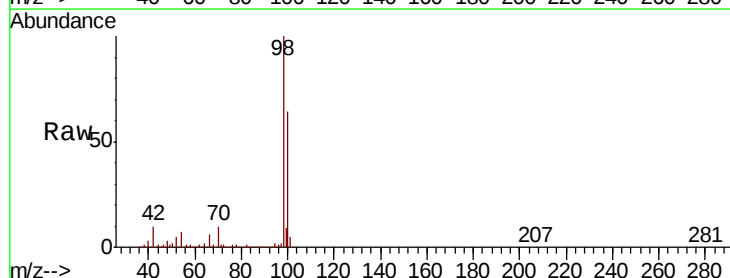
Acq: 21 Aug 2018 11:34

Tgt Ion: 98 Resp: 2973393

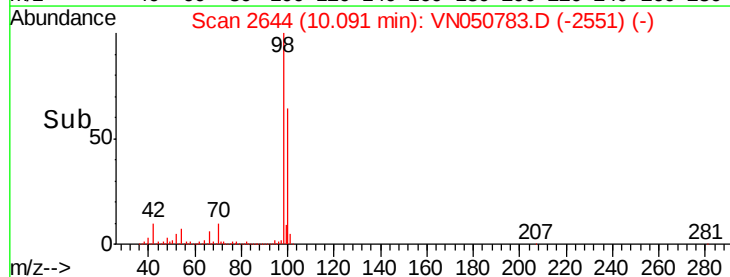
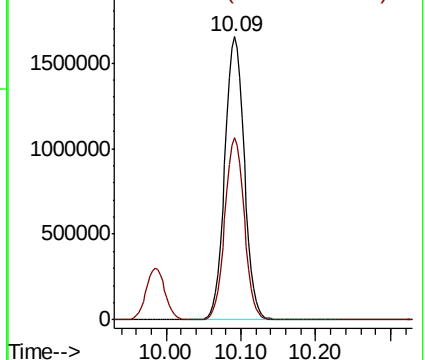
Ion Ratio Lower Upper

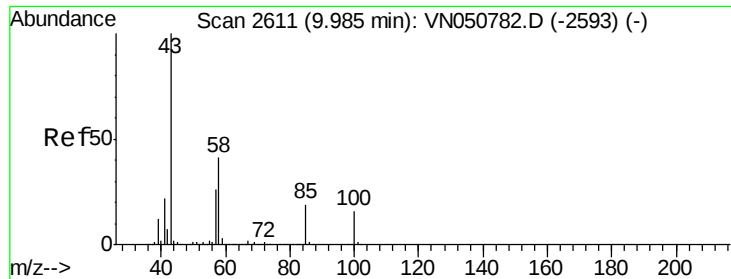
98 100

100 64.1 51.5 77.3



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

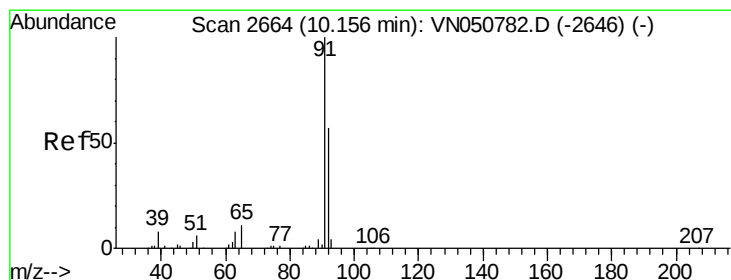
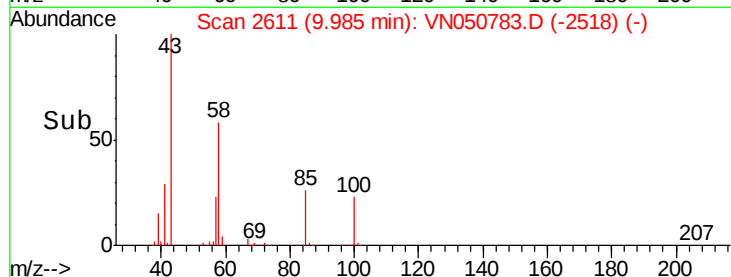
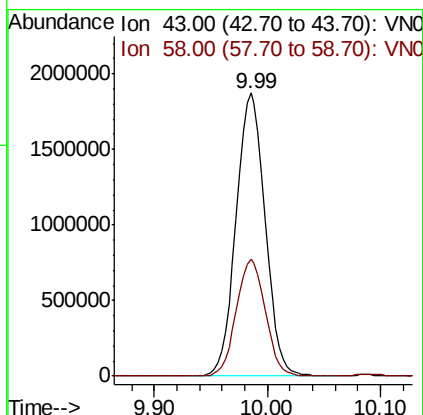
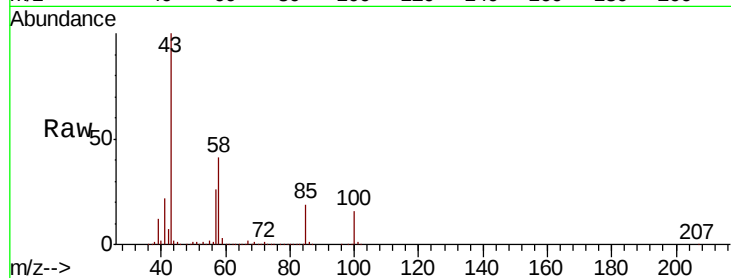




#51
 4-Methyl-2-Pentanone
 Concen: 506.163 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. 0.00 min
 Lab File: VN050783.D
 Acq: 21 Aug 2018 11:34

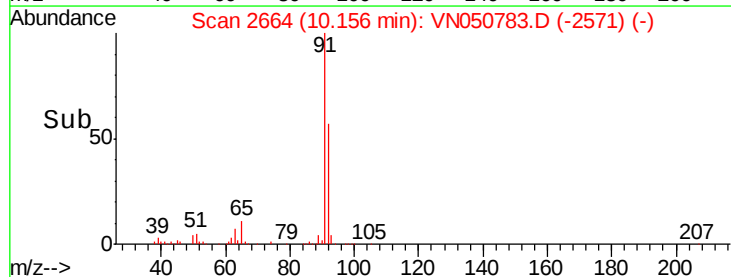
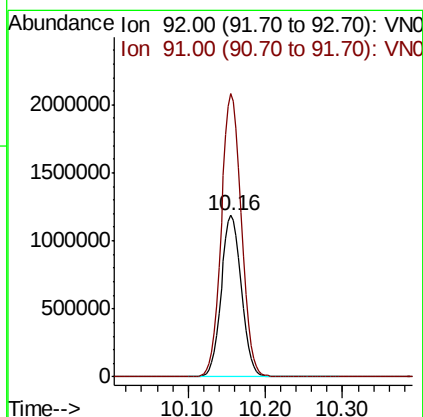
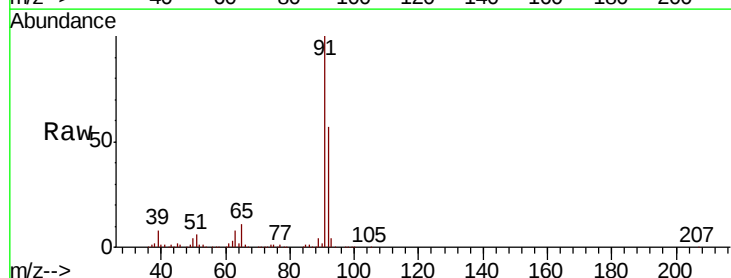
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

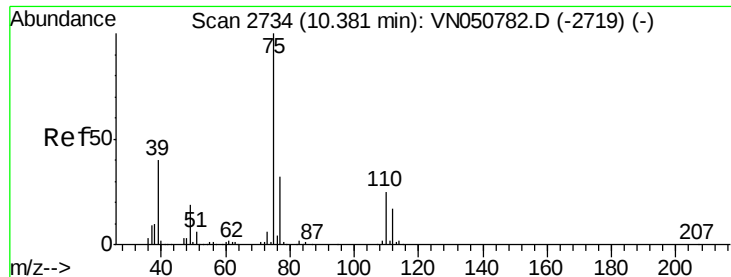
Tot Ion: 43 Resp: 3353251
 Ion Ratio Lower Upper
 43 100
 58 41.3 32.4 48.6



#52
 Toluene
 Concen: 107.627 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. 0.00 min
 Lab File: VN050783.D
 Acq: 21 Aug 2018 11:34

Tgt Ion: 92 Resp: 2161019
 Ion Ratio Lower Upper
 92 100
 91 174.5 140.6 211.0

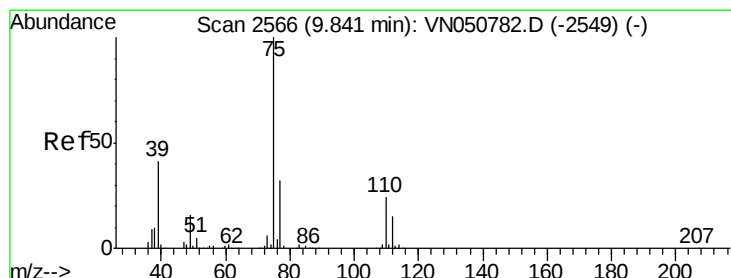
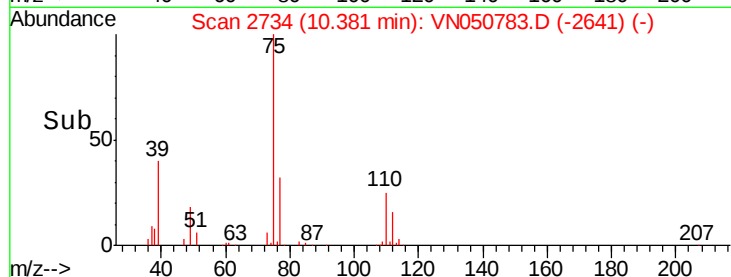
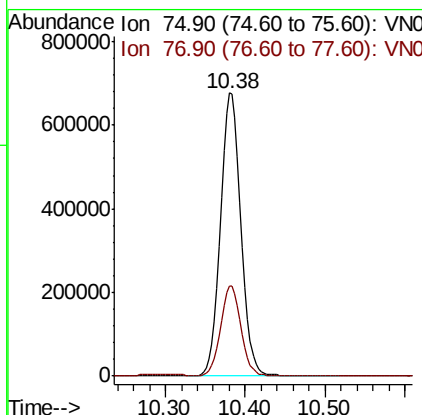
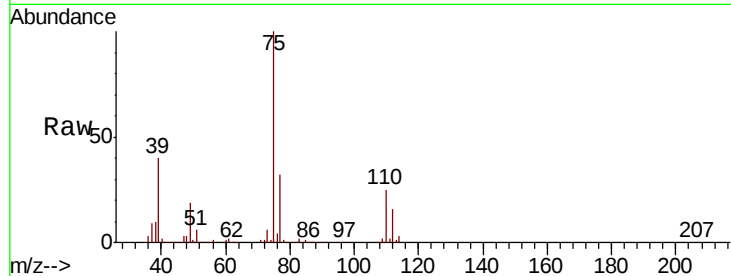




#53
t-1,3-Dichloropropene
Concen: 109.545 ug/l
RT: 10.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

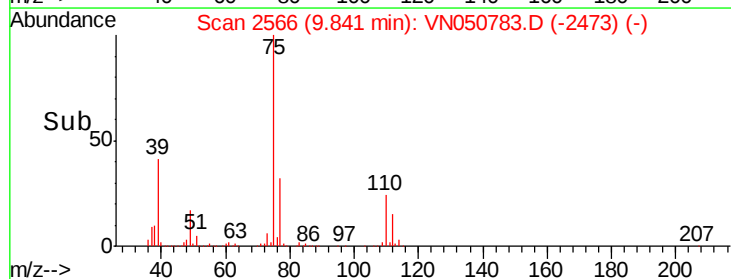
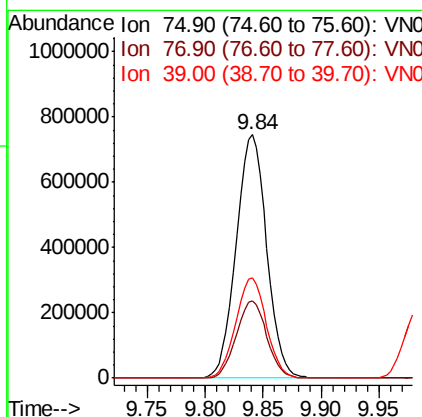
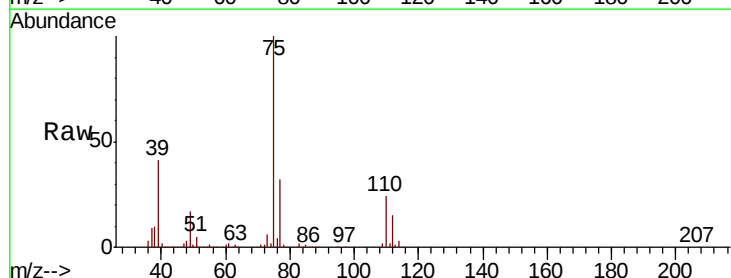
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

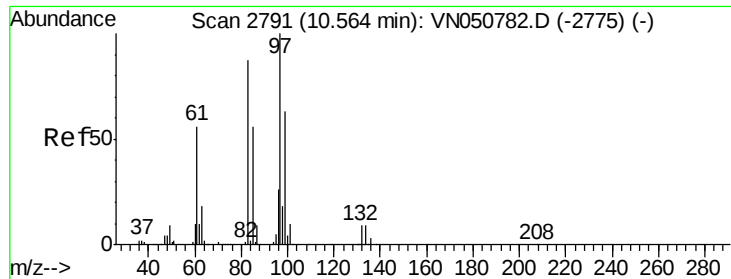
Tot Ion: 75 Resp: 1195366
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 108.678 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

Tgt Ion: 75 Resp: 1357999
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2
39 41.1 33.0 49.4

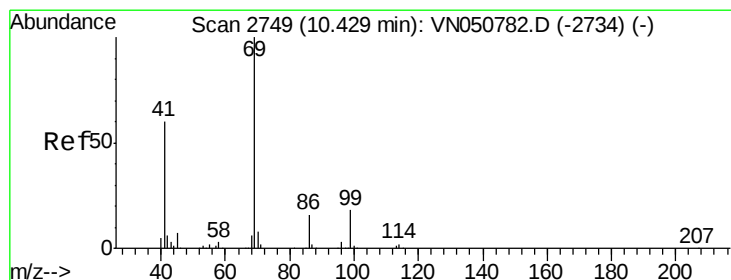
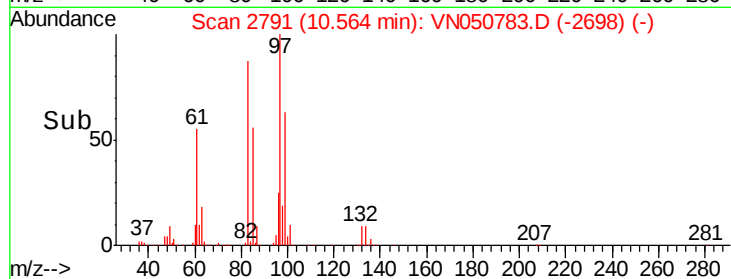
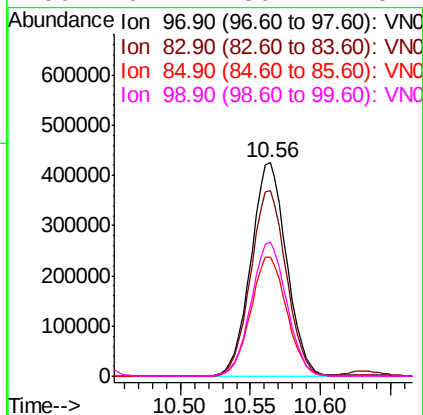
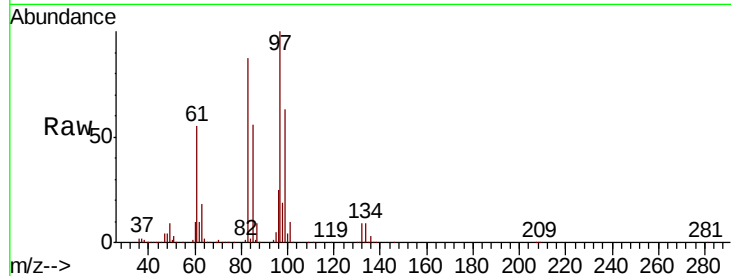




#55
 1,1,2-Trichloroethane
 Concen: 101.128 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN050783.D
 Acq: 21 Aug 2018 11:34

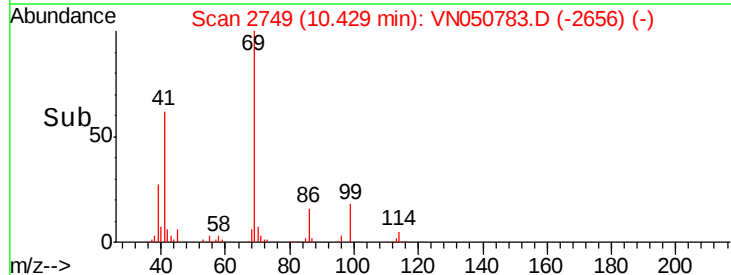
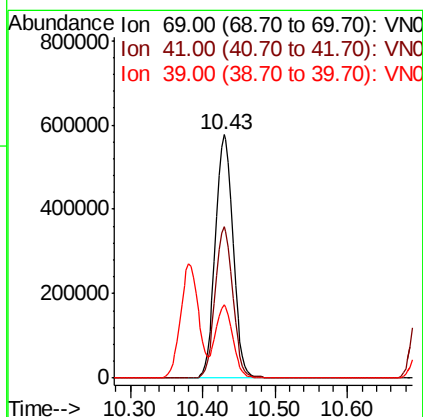
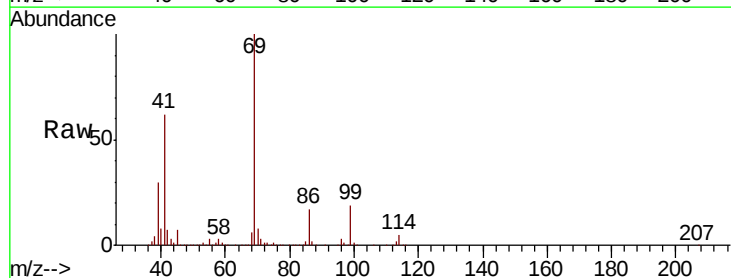
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 97 Resp: 753640
 Ion Ratio Lower Upper
 97 100
 83 87.0 69.7 104.5
 85 55.9 44.5 66.7
 99 62.7 50.7 76.1



#56
 Ethyl methacrylate
 Concen: 116.445 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: VN050783.D
 Acq: 21 Aug 2018 11:34

Tgt Ion: 69 Resp: 984199
 Ion Ratio Lower Upper
 69 100
 41 61.1 48.3 72.5
 39 29.7 24.0 36.0

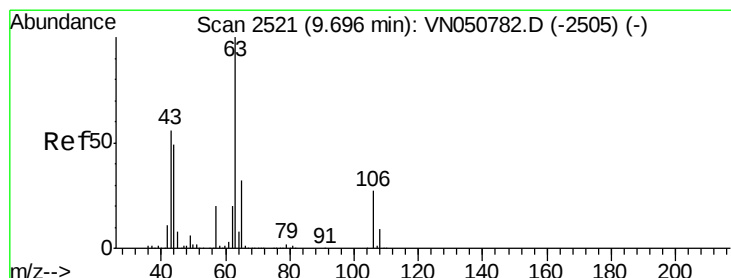
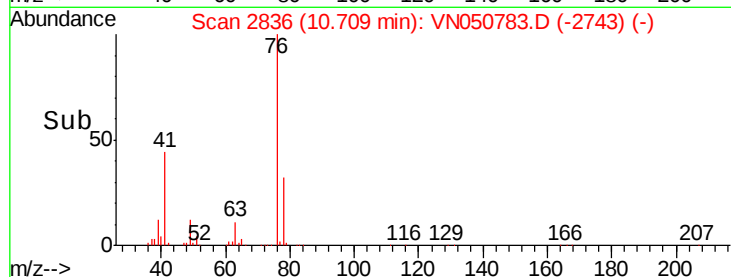
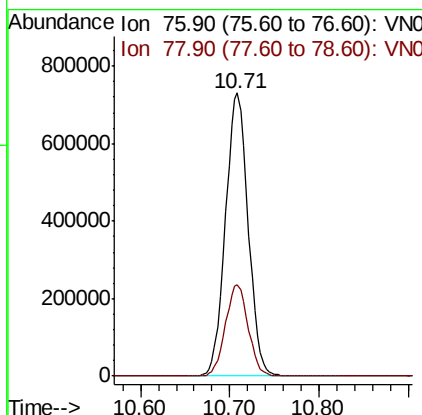
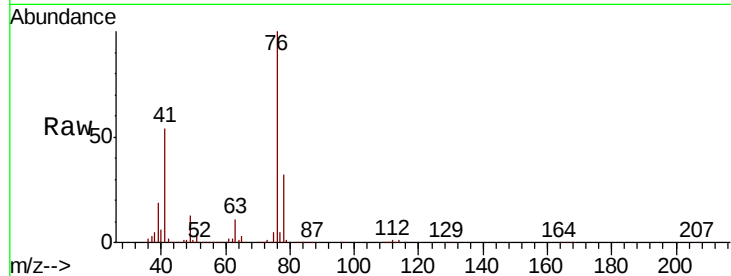




#57
 1,3-Dichloropropane
 Concen: 104.341 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN050783.D
 Acq: 21 Aug 2018 11:34

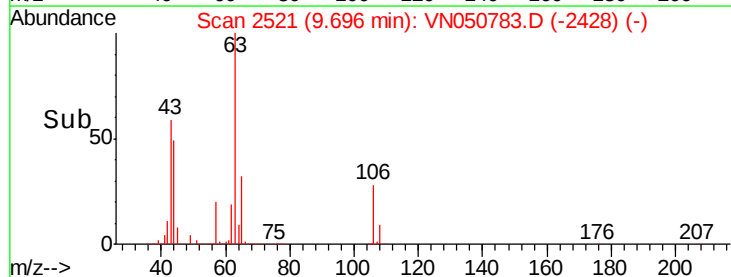
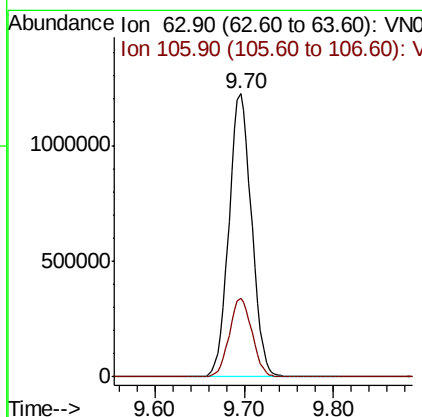
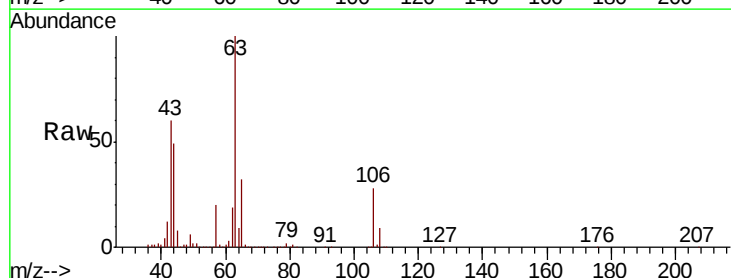
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

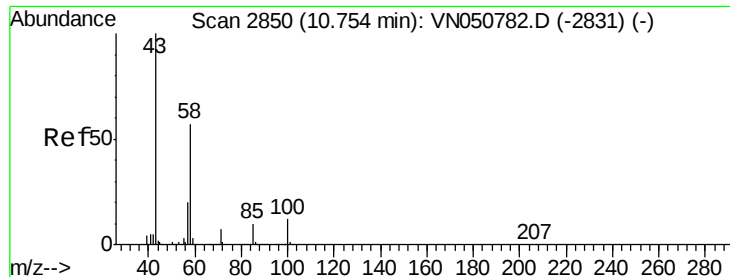
Tot Ion: 76 Resp: 1283466
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 596.418 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN050783.D
 Acq: 21 Aug 2018 11:34

Tgt Ion: 63 Resp: 2152437
 Ion Ratio Lower Upper
 63 100
 106 27.7 21.9 32.9





#59

2-Hexanone

Concen: 519.700 ug/l

RT: 10.75 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

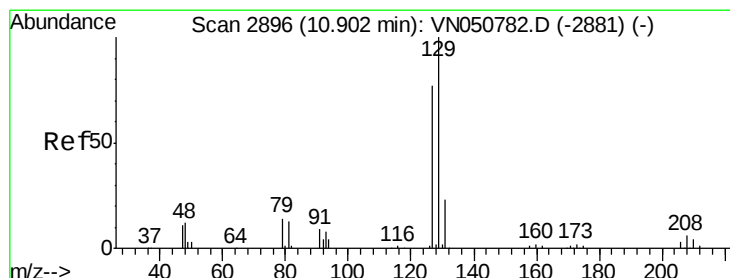
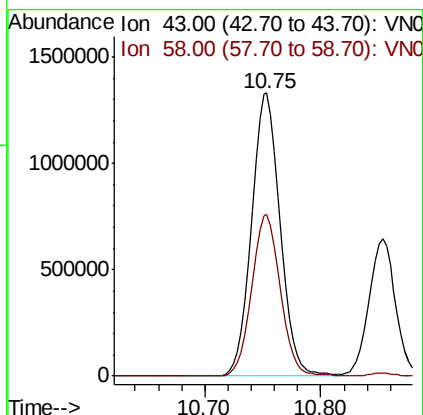
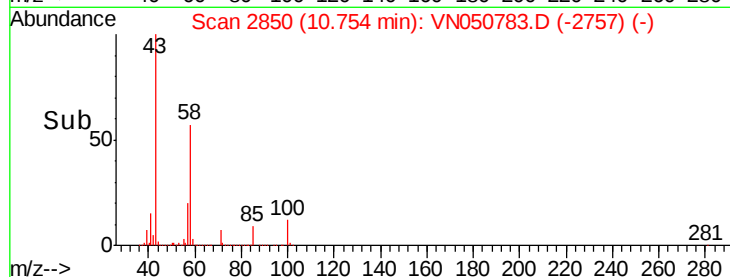
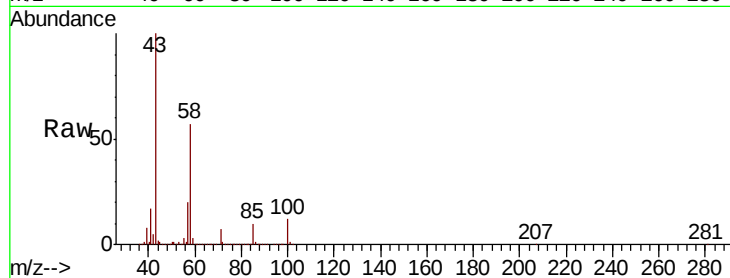
VSTDIC100

Tot Ion: 43 Resp: 2292037

Ion Ratio Lower Upper

43 100

58 57.4 28.3 85.0



#60

Dibromochloromethane

Concen: 106.147 ug/l

RT: 10.90 min Scan# 2896

Delta R.T. 0.00 min

Lab File: VN050783.D

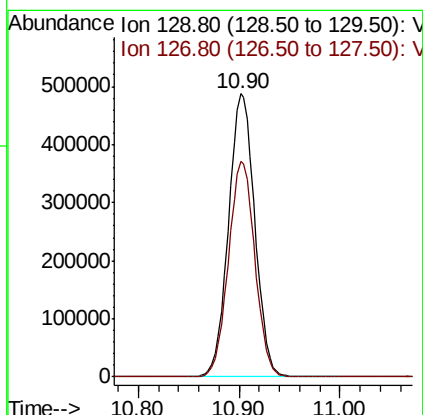
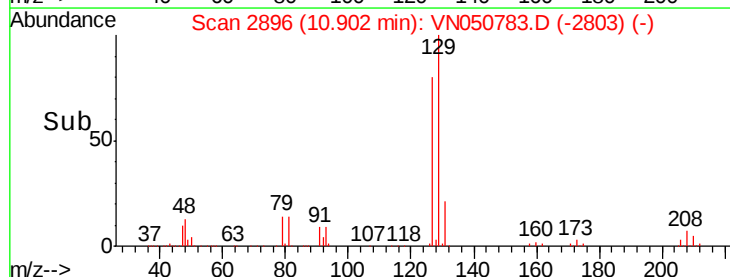
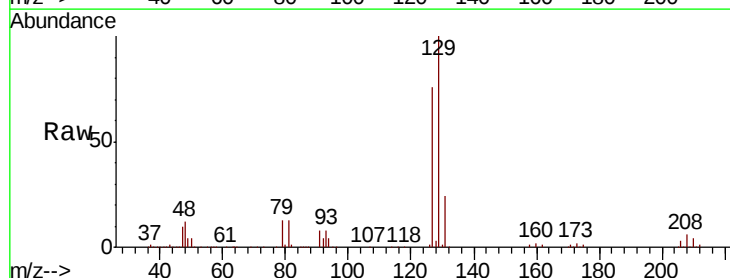
Acq: 21 Aug 2018 11:34

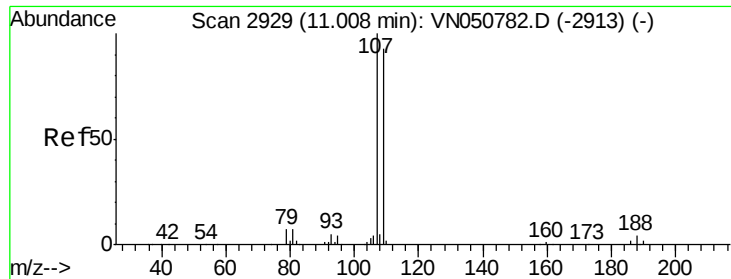
Tgt Ion: 129 Resp: 885703

Ion Ratio Lower Upper

129 100

127 76.7 38.3 114.9

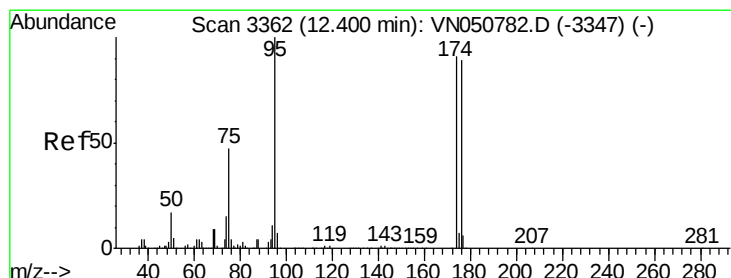
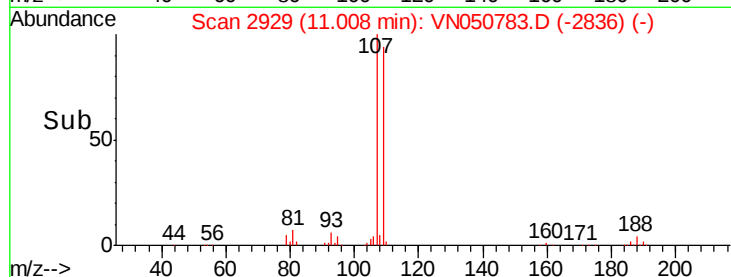
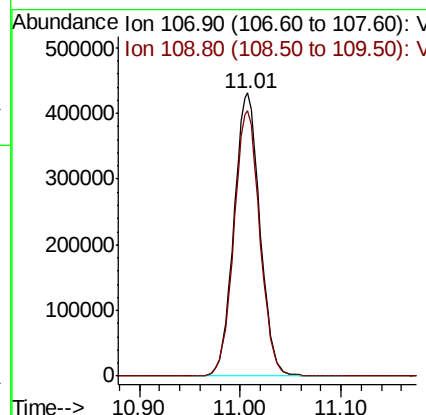
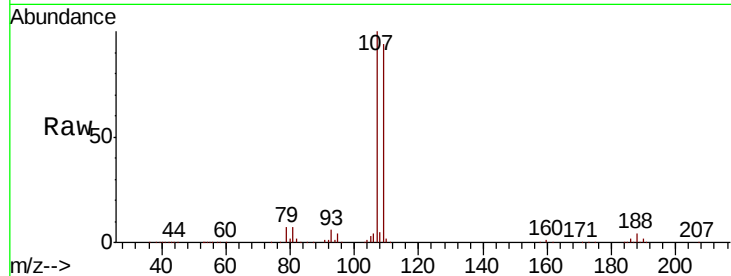




#61
 1,2-Dibromoethane
 Concen: 106.971 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN050783.D
 Acq: 21 Aug 2018 11:34

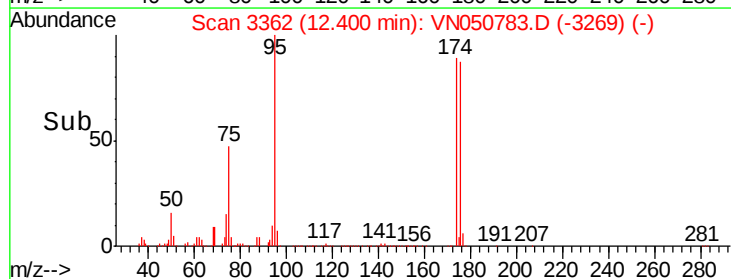
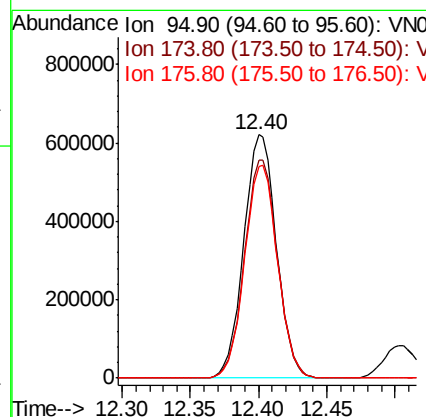
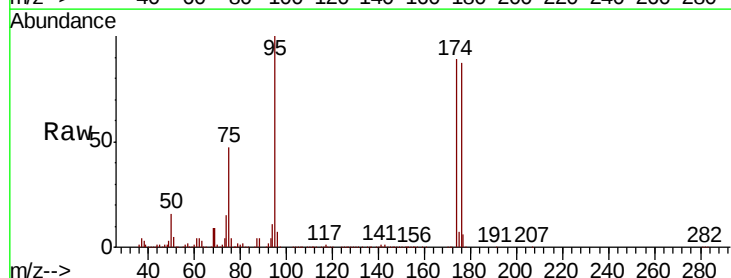
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

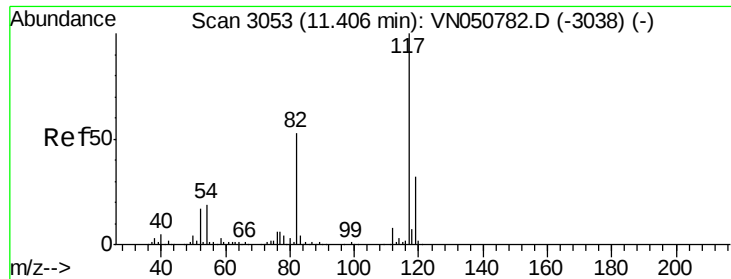
Tot Ion:107 Resp: 770861
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 109.634 ug/l
 RT: 12.40 min Scan# 3362
 Delta R.T. 0.00 min
 Lab File: VN050783.D
 Acq: 21 Aug 2018 11:34

Tgt Ion: 95 Resp: 1032161
 Ion Ratio Lower Upper
 95 100
 174 90.3 0.0 183.0
 176 87.9 0.0 178.8

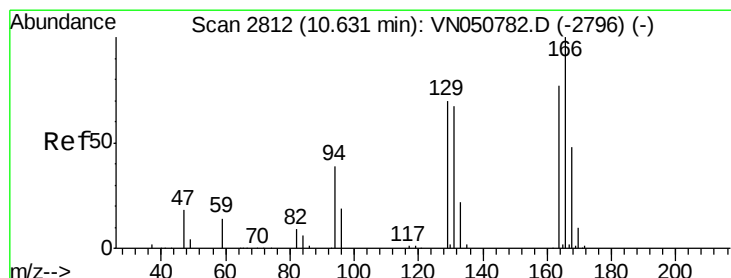
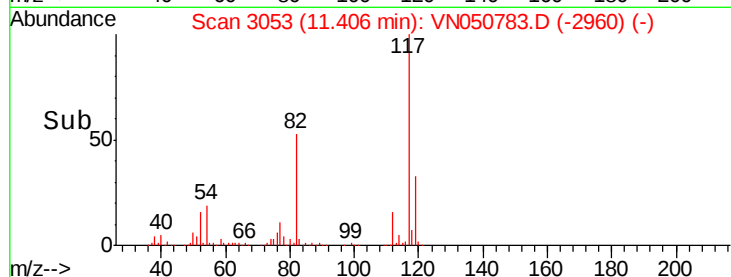
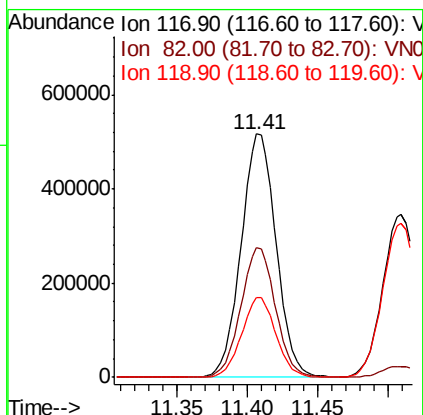
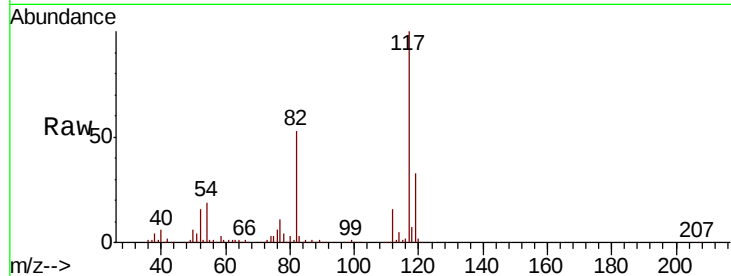




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

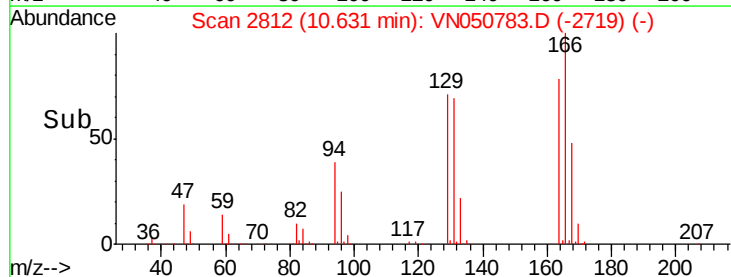
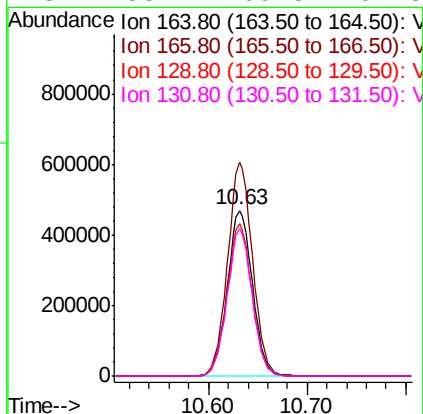
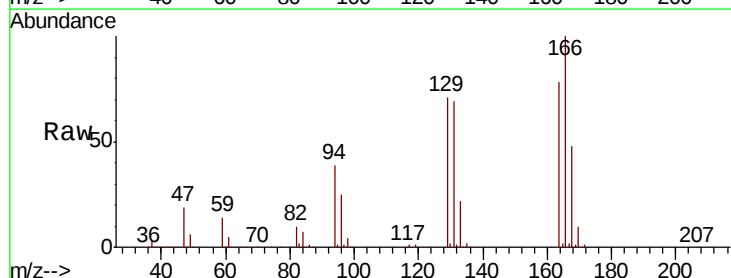
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

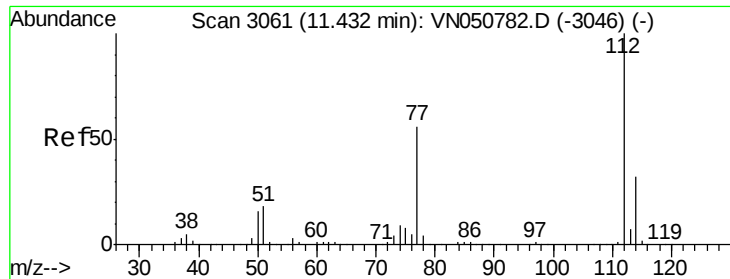
Tot Ion:117 Resp: 899954
Ion Ratio Lower Upper
117 100
82 53.2 42.6 64.0
119 32.7 25.8 38.6



#64
Tetrachloroethene
Concen: 97.585 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

Tgt Ion:164 Resp: 834149
Ion Ratio Lower Upper
164 100
166 129.0 103.5 155.3
129 92.0 72.7 109.1
131 88.7 69.5 104.3

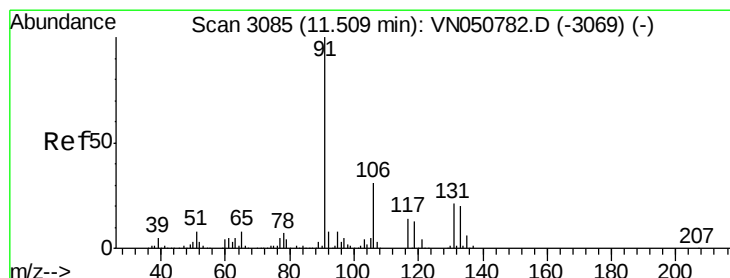
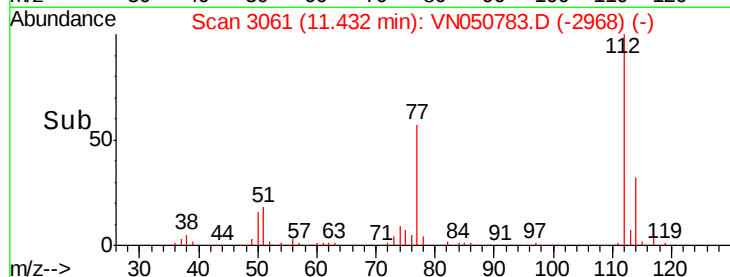
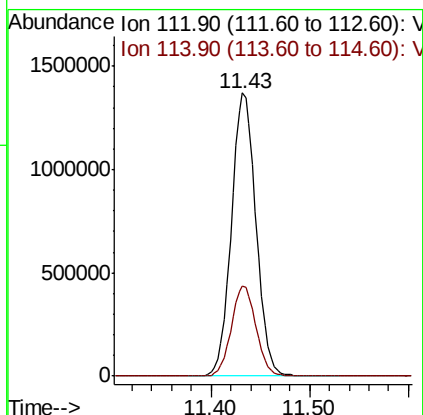
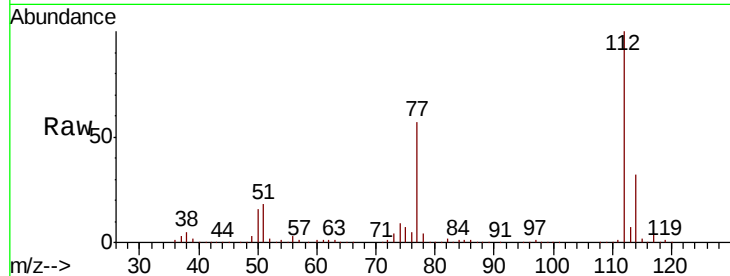




#65
Chlorobenzene
Concen: 100.889 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

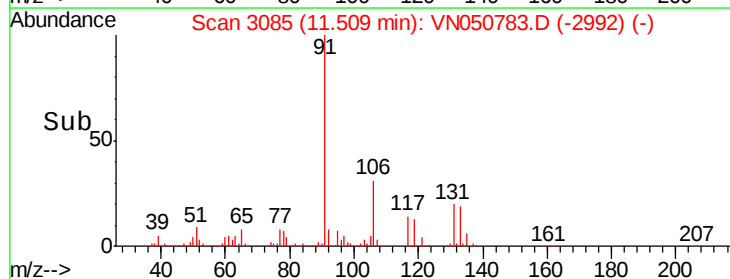
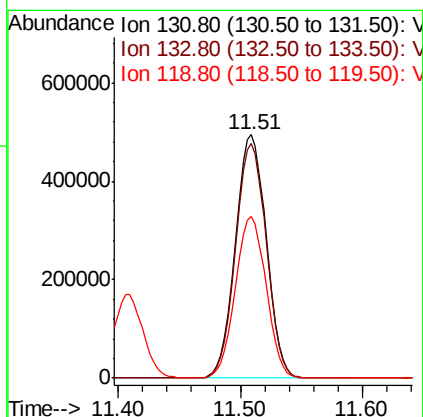
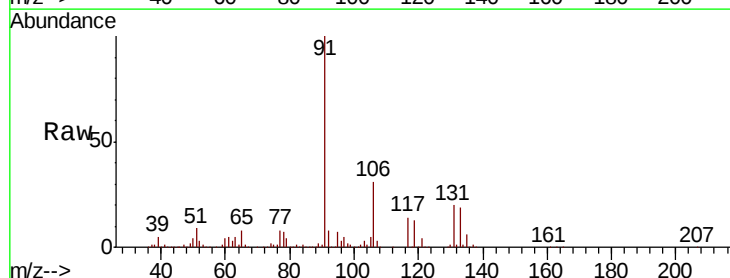
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

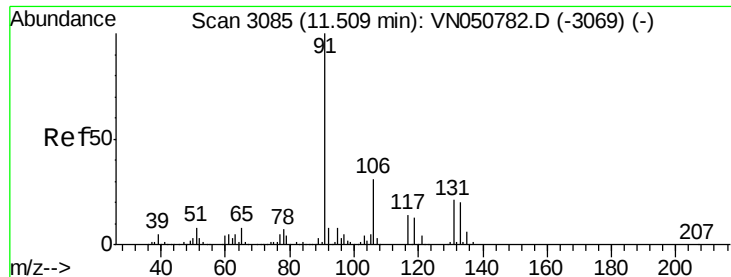
Tot Ion:112 Resp: 2373208
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 100.490 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

Tgt Ion:131 Resp: 864888
Ion Ratio Lower Upper
131 100
133 95.9 47.4 142.3
119 66.4 32.8 98.4

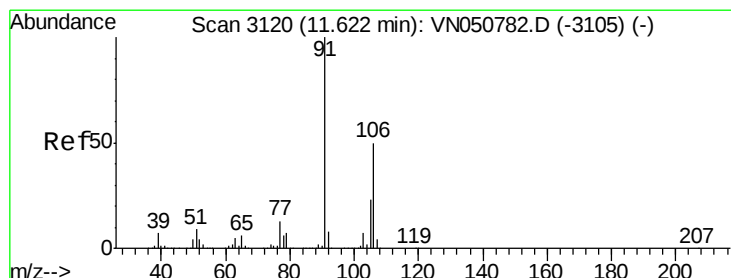
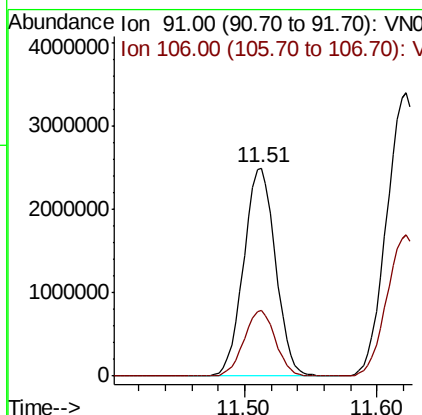
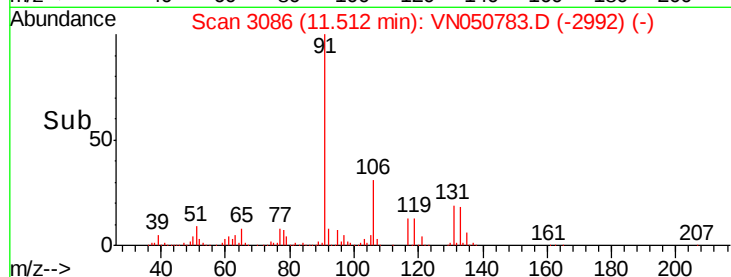
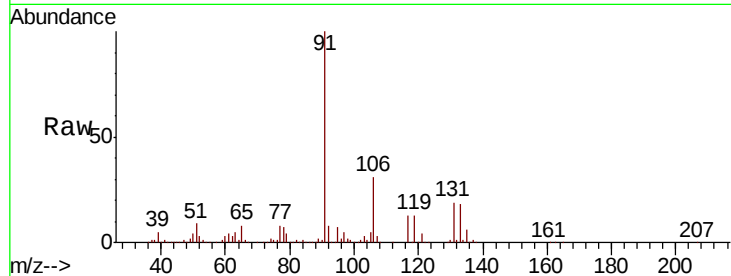




#67
Ethyl Benzene
Concen: 108.973 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

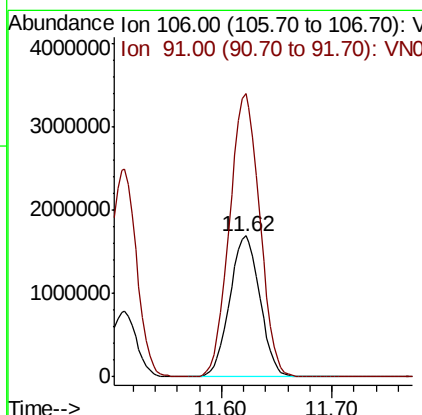
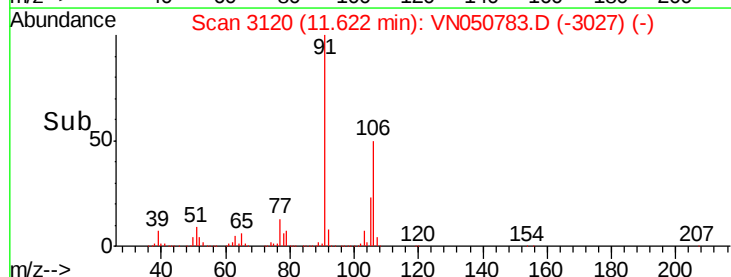
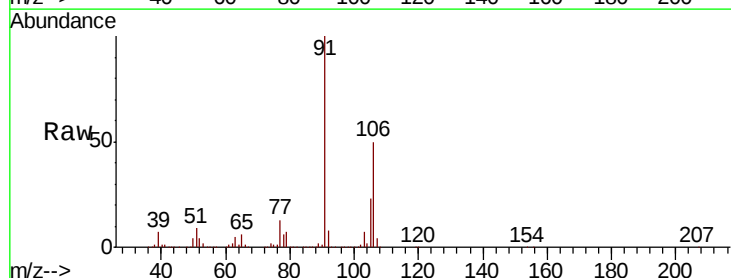
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 4167342
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.4



#68
m/p-Xylenes
Concen: 220.662 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

Tgt Ion: 106 Resp: 3203031
Ion Ratio Lower Upper
106 100
91 201.1 161.0 241.6

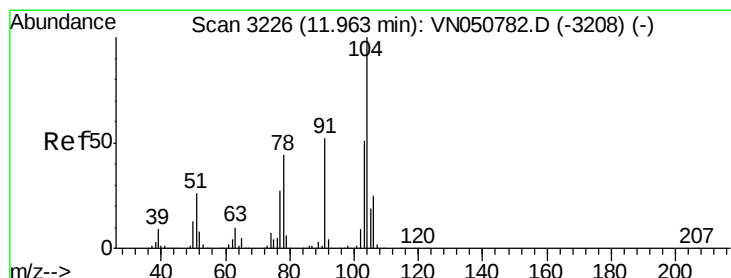
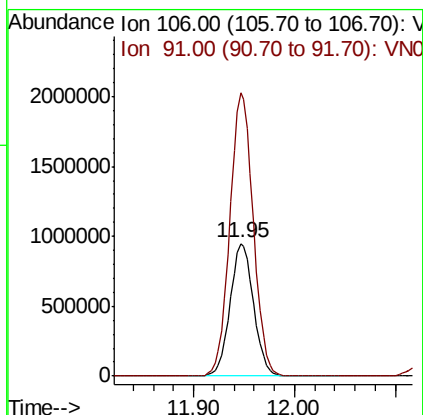
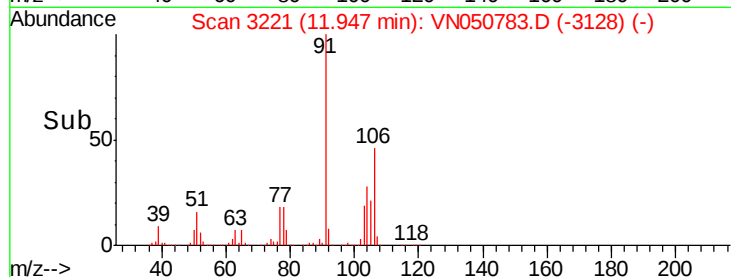
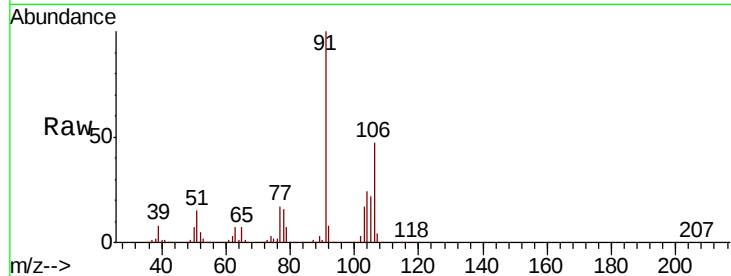




#69
o-Xylene
Concen: 110.232 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

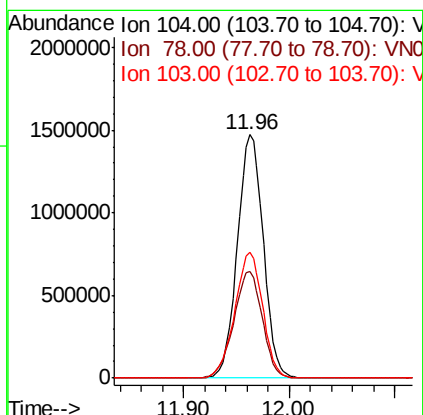
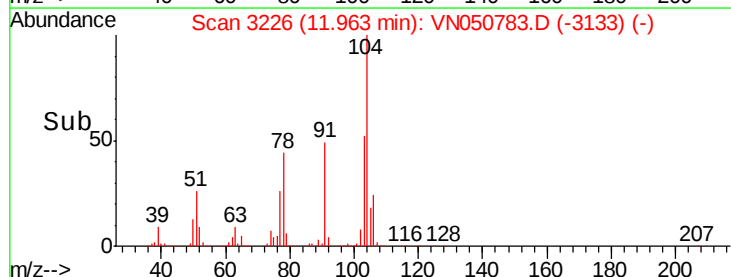
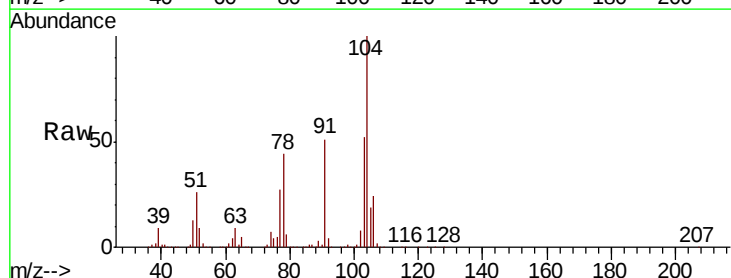
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

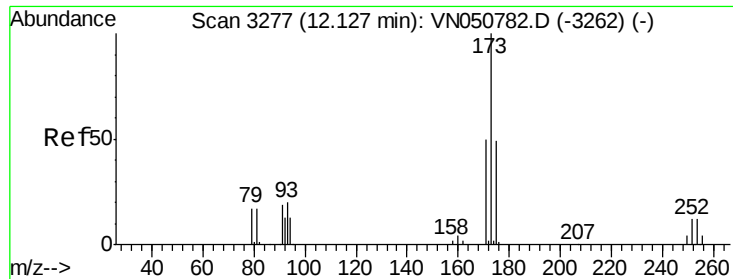
Tot Ion:106 Resp: 1538292
Ion Ratio Lower Upper
106 100
91 213.3 106.5 319.5



#70
Styrene
Concen: 114.809 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

Tgt Ion:104 Resp: 2504694
Ion Ratio Lower Upper
104 100
78 48.3 38.2 57.4
103 55.7 44.4 66.6

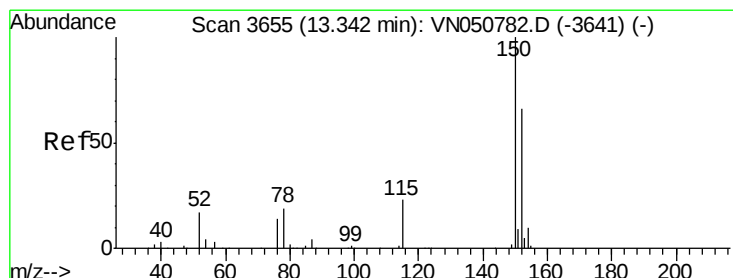
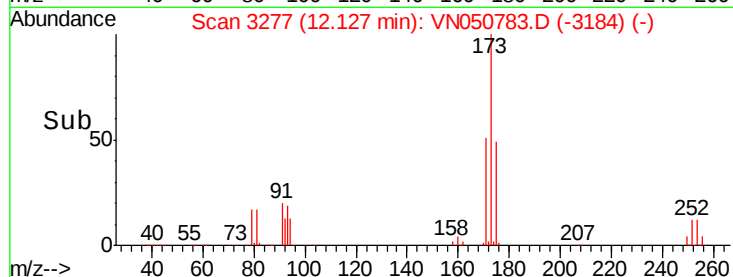
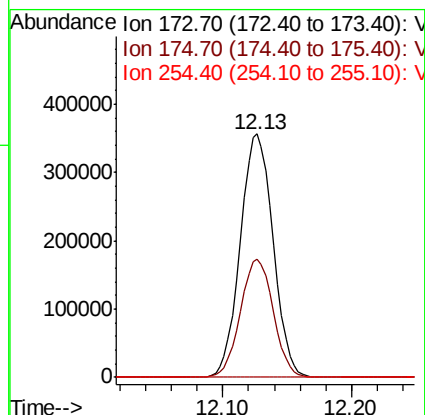
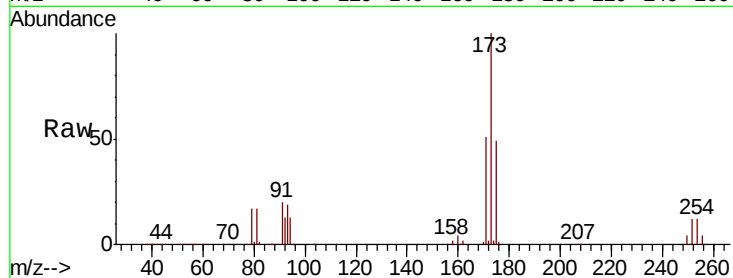




#71
Bromoform
Concen: 106.554 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

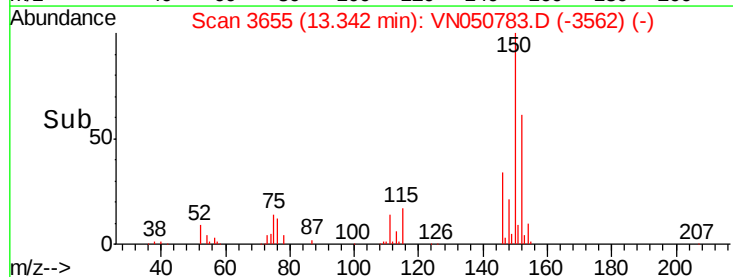
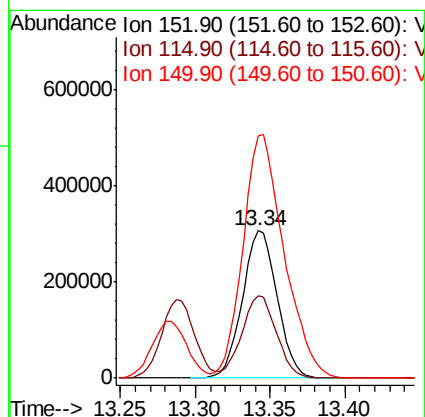
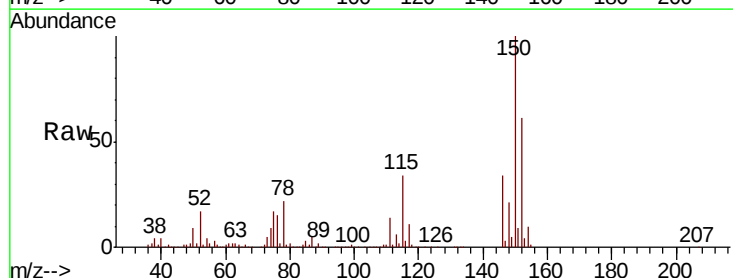
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

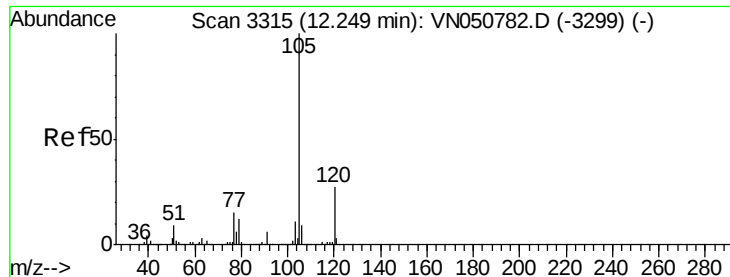
Tot Ion:173 Resp: 630662
Ion Ratio Lower Upper
173 100
175 48.7 24.4 73.4
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3655
Delta R.T. 0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

Tgt Ion:152 Resp: 495246
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.4
150 195.5 0.0 351.4





#73

Isopropylbenzene

Concen: 99.256 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

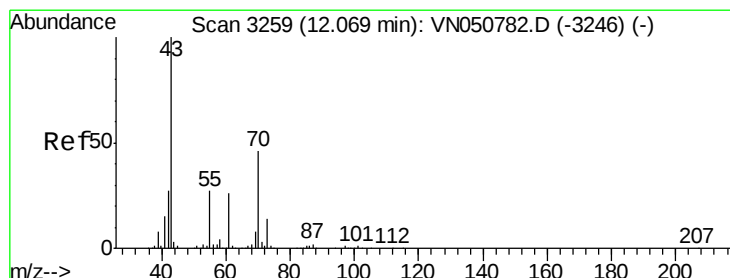
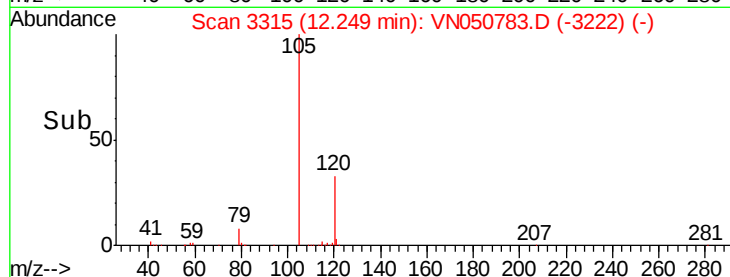
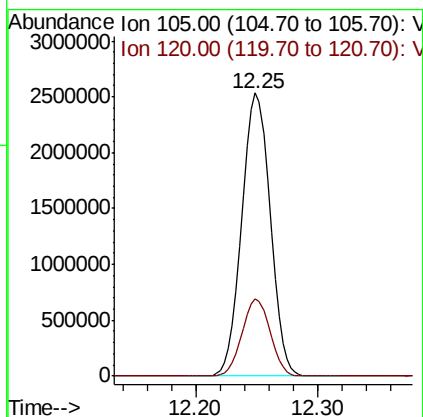
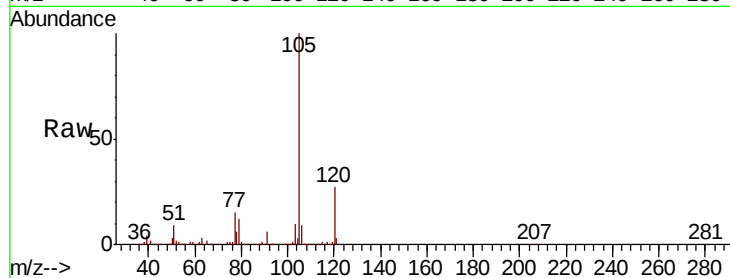
VSTDIC100

Tot Ion:105 Resp: 4070283

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



#74

N-ethyl acetate

Concen: 104.645 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Tgt Ion: 43 Resp: 1078243

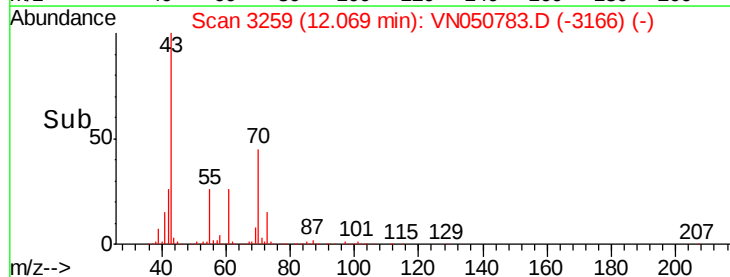
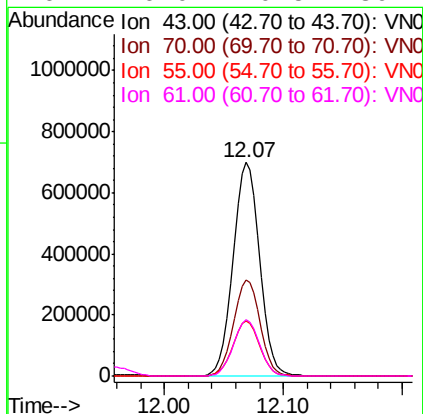
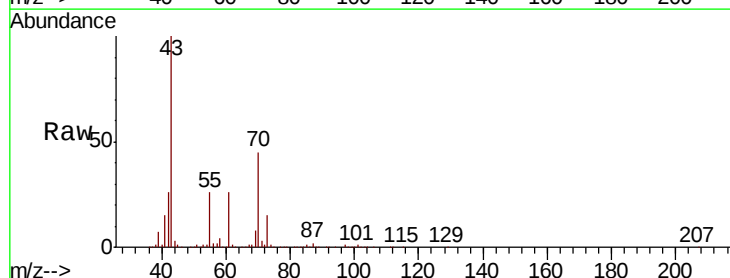
Ion Ratio Lower Upper

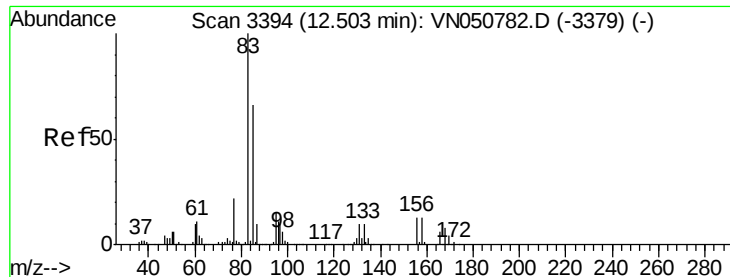
43 100

70 45.1 36.2 54.2

55 26.2 21.8 32.8

61 26.0 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 86.847 ug/l

RT: 12.50 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

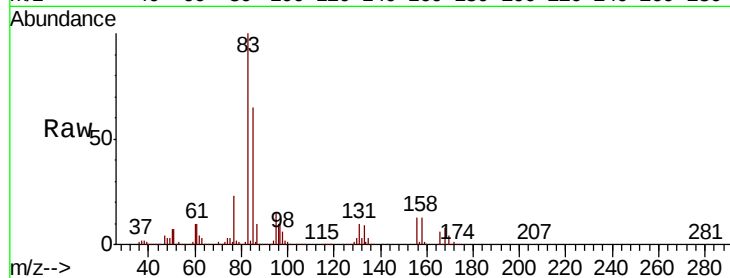
Tot Ion: 83 Resp: 959601

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.9

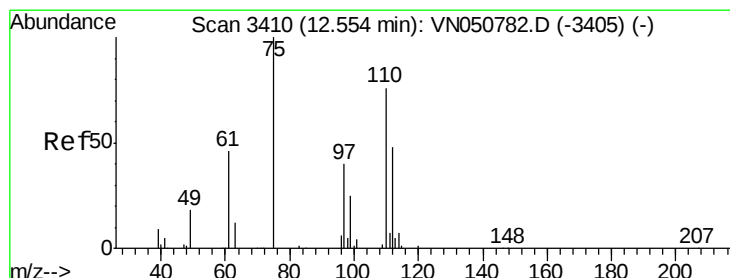
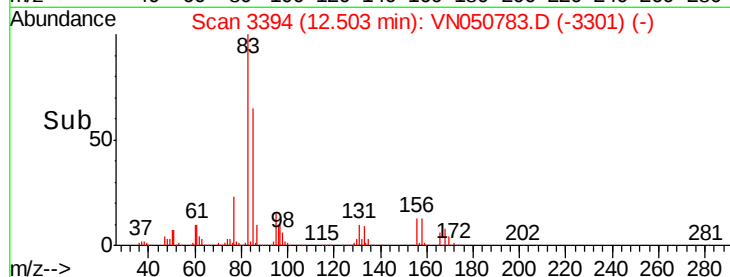
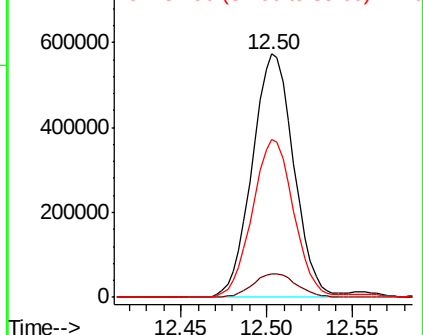
85 64.5 31.9 95.7



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: 141.000 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN050783.D

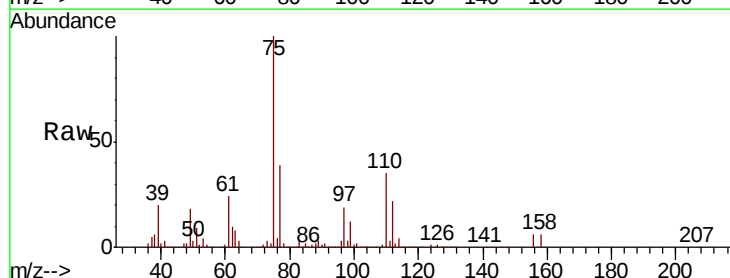
Acq: 21 Aug 2018 11:34

Tgt Ion: 75 Resp: 1183958

Ion Ratio Lower Upper

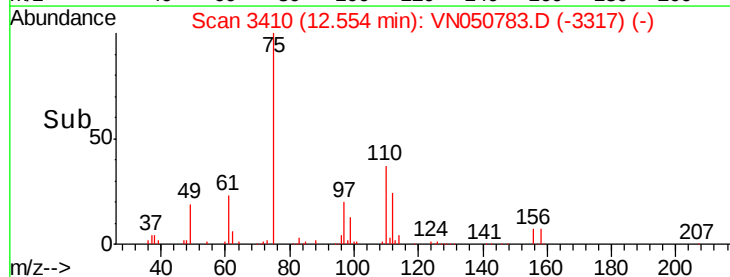
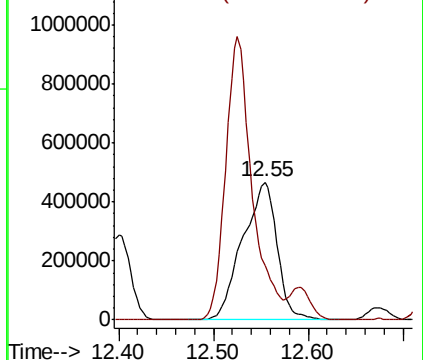
75 100

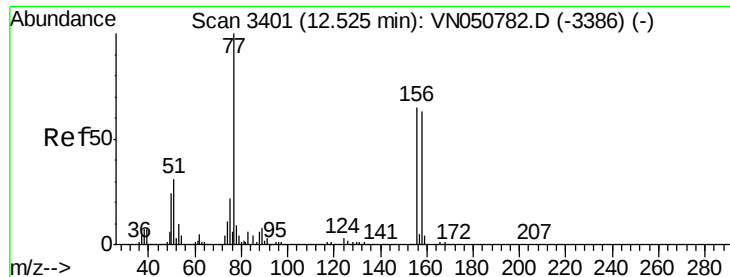
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 94.337 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

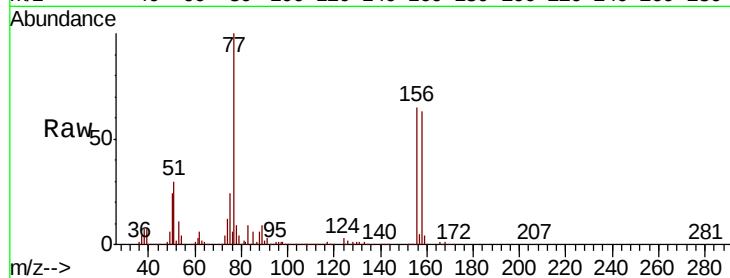
Tot Ion:156 Resp: 1051381

Ion Ratio Lower Upper

156 100

77 177.6 89.9 269.7

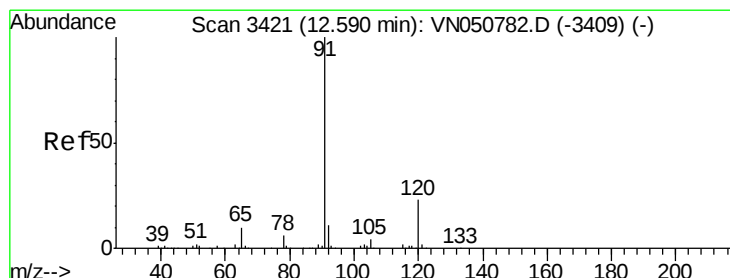
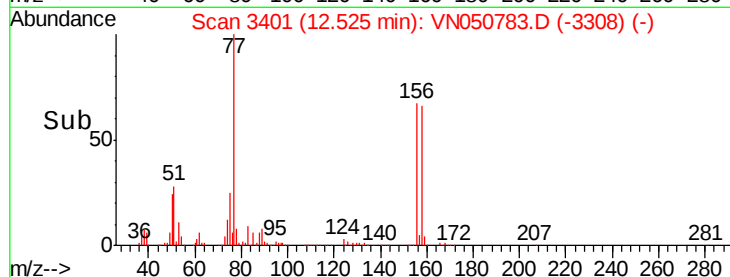
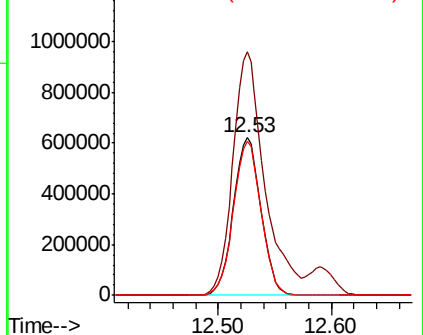
158 97.9 49.3 147.9



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: 103.060 ug/l

RT: 12.59 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN050783.D

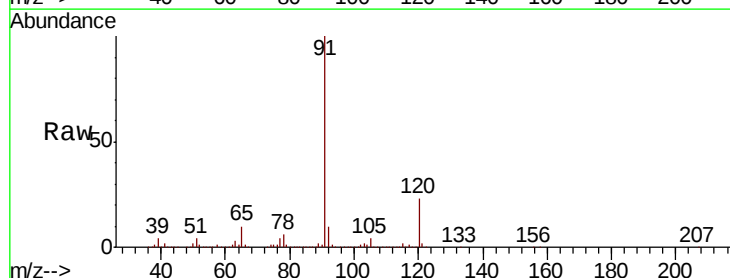
Acq: 21 Aug 2018 11:34

Tgt Ion: 91 Resp: 4721222

Ion Ratio Lower Upper

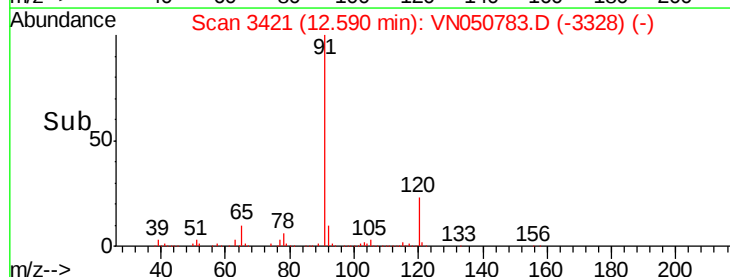
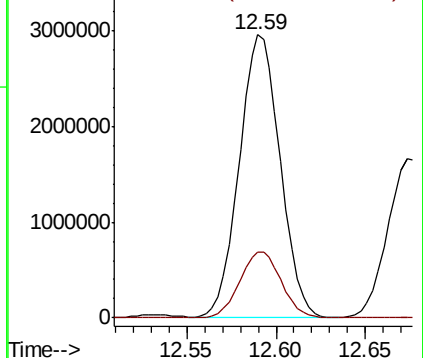
91 100

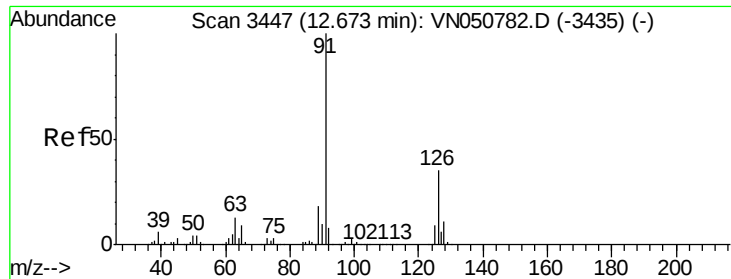
120 23.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 96.980 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

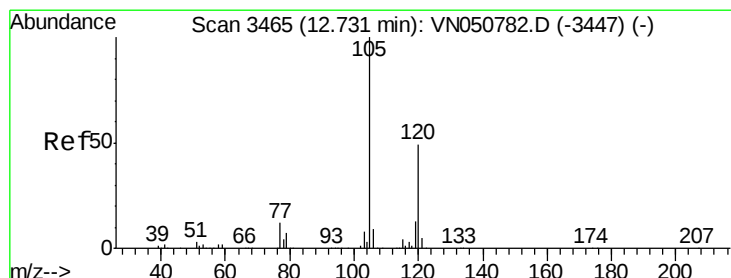
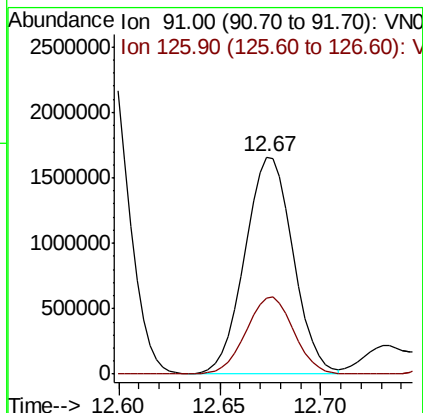
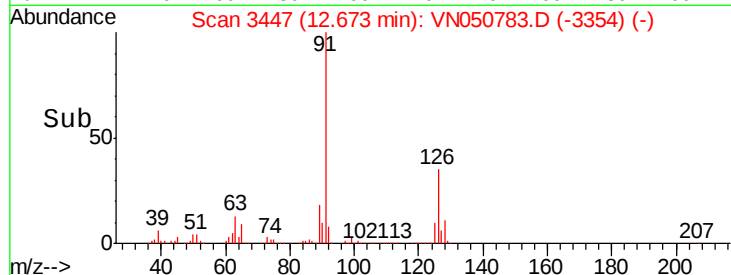
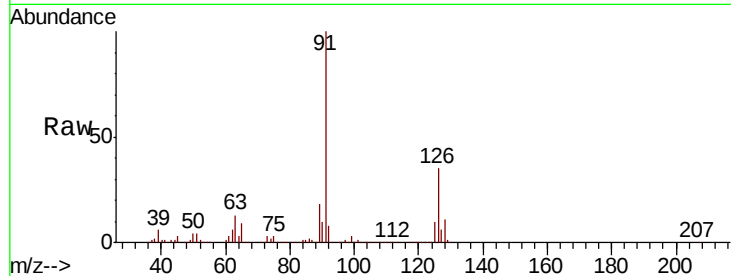
VSTDIC100

Tot Ion: 91 Resp: 2767293

Ion Ratio Lower Upper

91 100

126 35.4 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 102.609 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050783.D

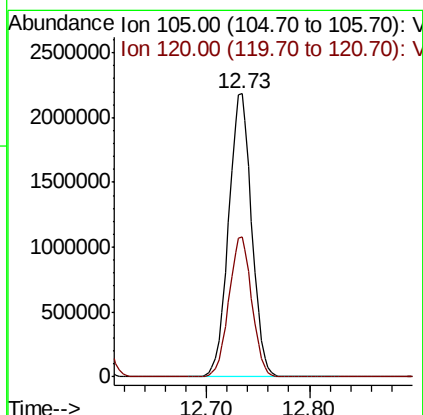
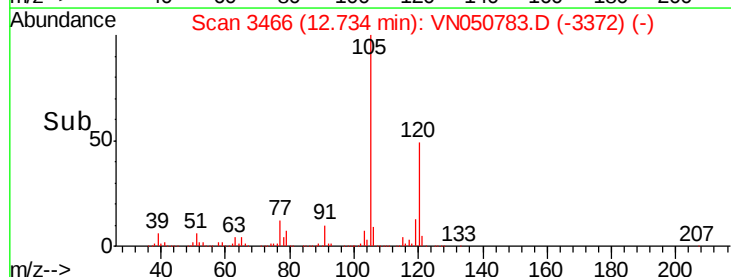
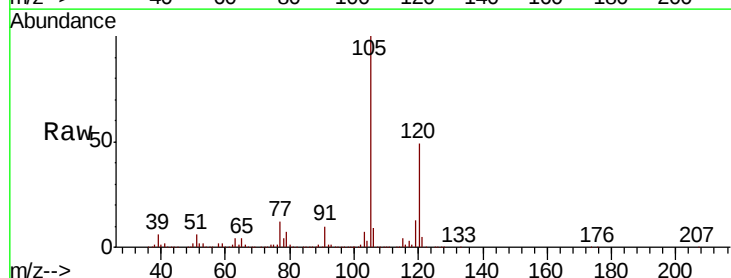
Acq: 21 Aug 2018 11:34

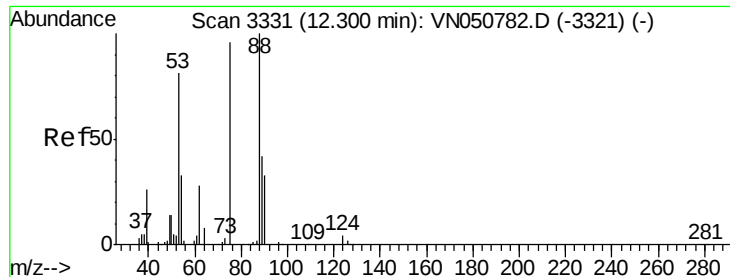
Tgt Ion: 105 Resp: 3395233

Ion Ratio Lower Upper

105 100

120 49.3 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 105.901 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

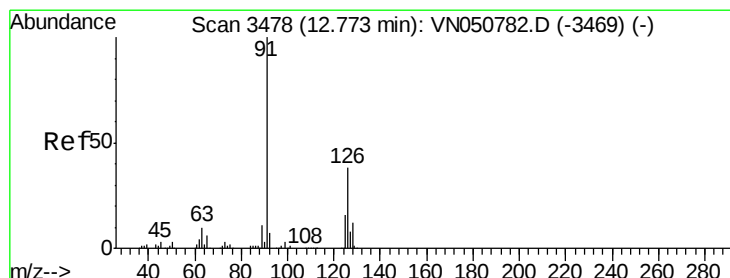
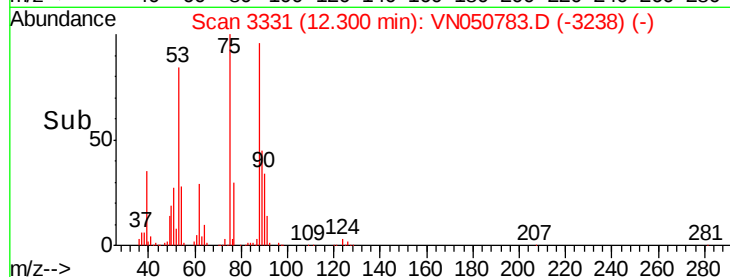
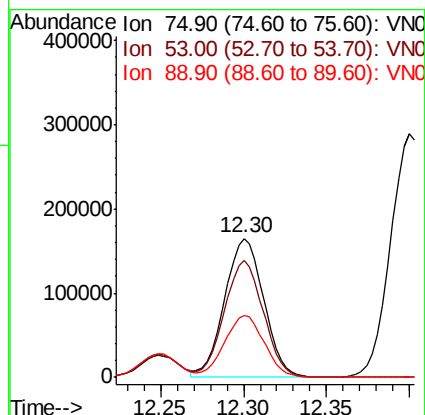
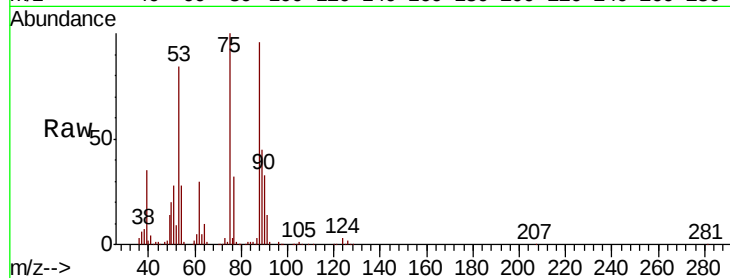
Tot Ion: 75 Resp: 271731

Ion Ratio Lower Upper

75 100

53 83.5 68.9 103.3

89 45.3 36.1 54.1



#82

4-Chlorotoluene

Concen: 101.011 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. 0.00 min

Lab File: VN050783.D

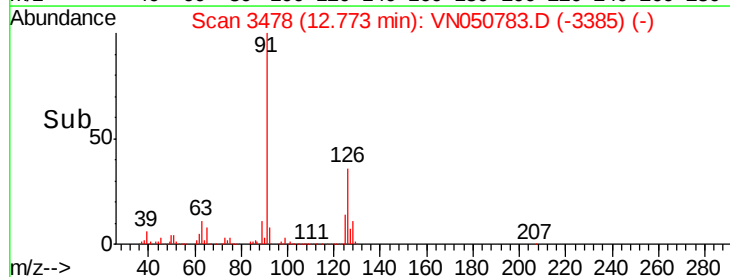
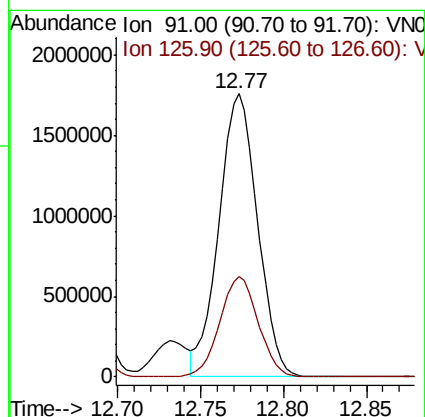
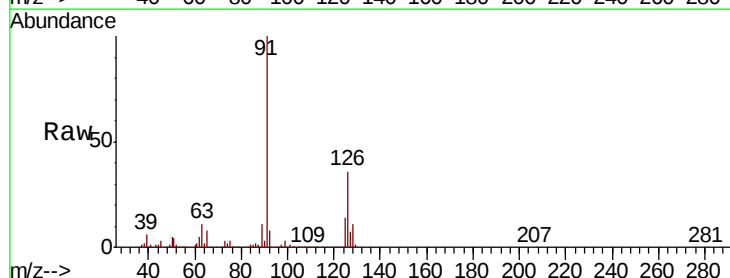
Acq: 21 Aug 2018 11:34

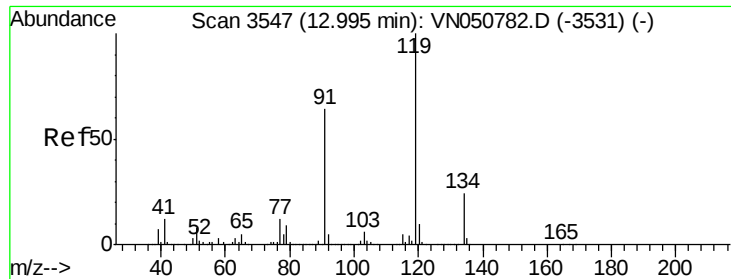
Tgt Ion: 91 Resp: 2845501

Ion Ratio Lower Upper

91 100

126 35.2 17.5 52.5





#83

tert-Butylbenzene

Concen: 100.693 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

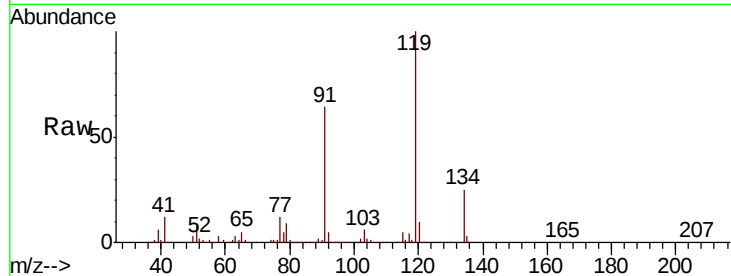
Tot Ion:119 Resp: 2885502

Ion Ratio Lower Upper

119 100

91 63.2 31.6 94.7

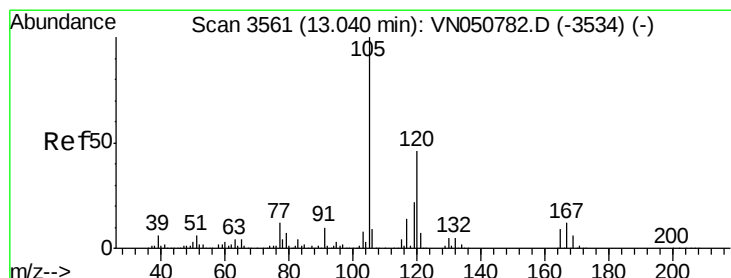
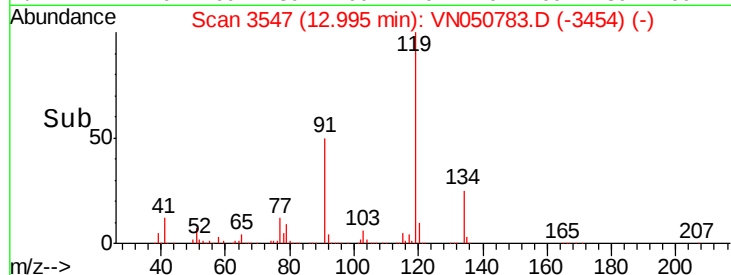
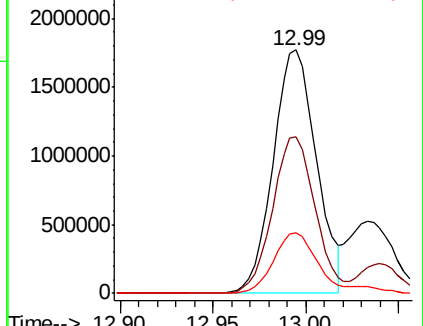
134 26.8 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 104.470 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN050783.D

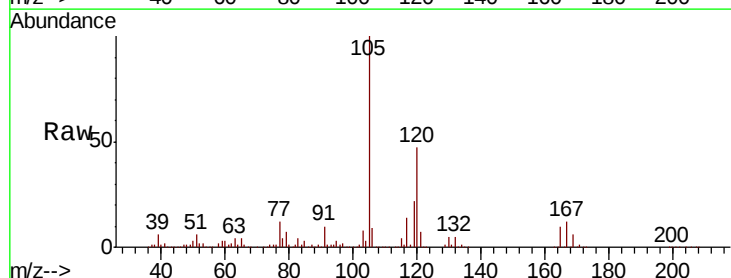
Acq: 21 Aug 2018 11:34

Tgt Ion:105 Resp: 3477197

Ion Ratio Lower Upper

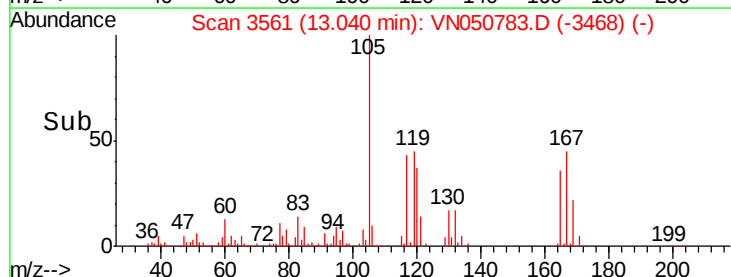
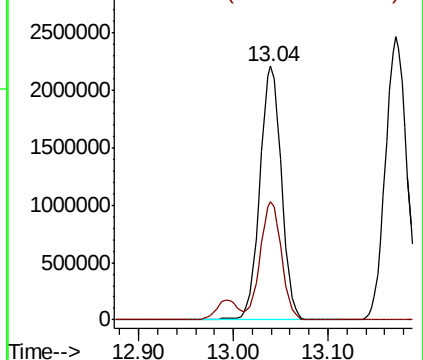
105 100

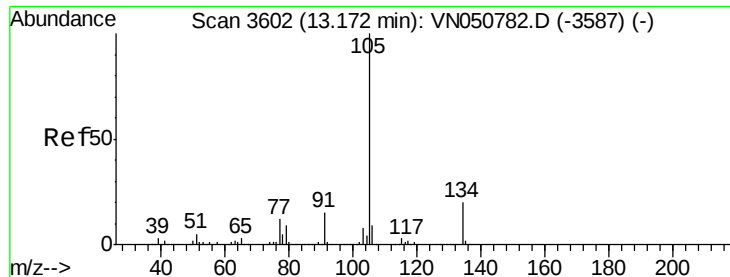
120 46.2 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 103.468 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

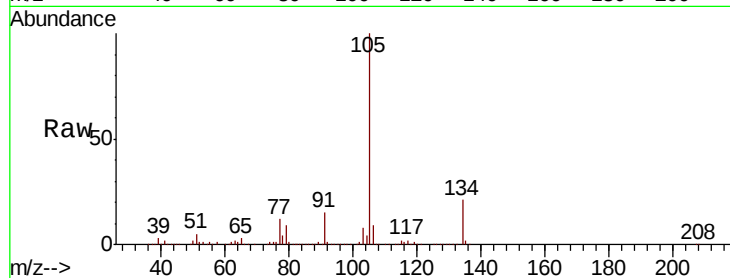
VSTDIC100

Tot Ion:105 Resp: 3885306

Ion Ratio Lower Upper

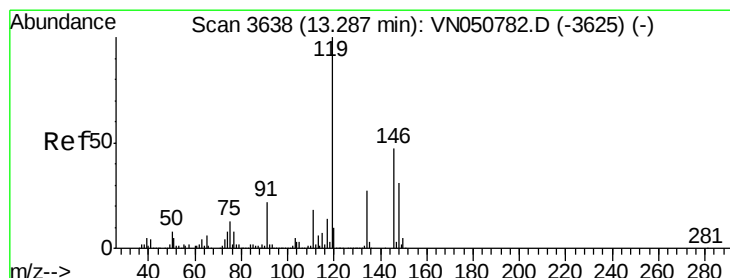
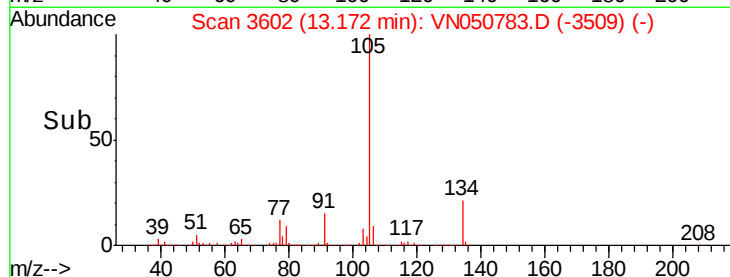
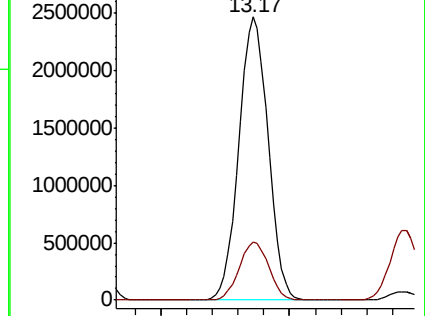
105 100

134 20.7 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: 108.685 ug/l

RT: 13.29 min Scan# 3638

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

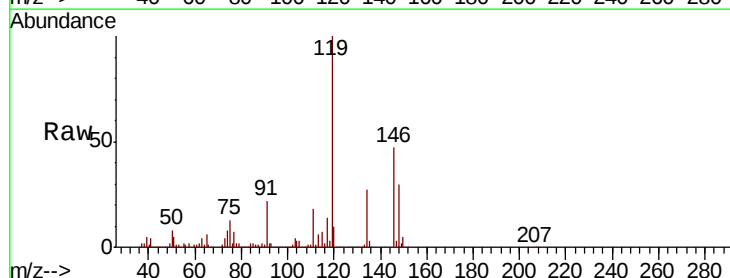
Tgt Ion:119 Resp: 3477528

Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.0

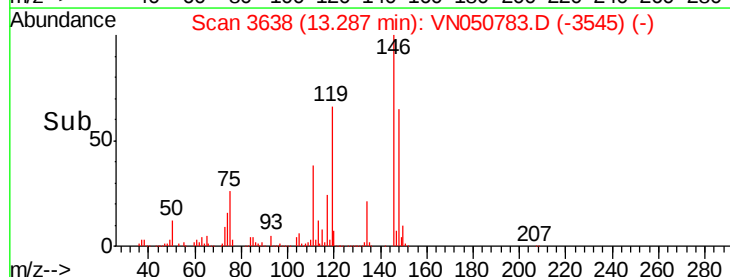
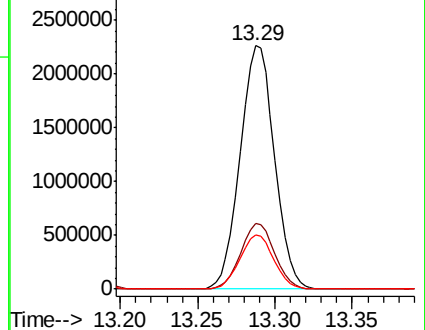
91 21.9 11.2 33.5



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: 99.778 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

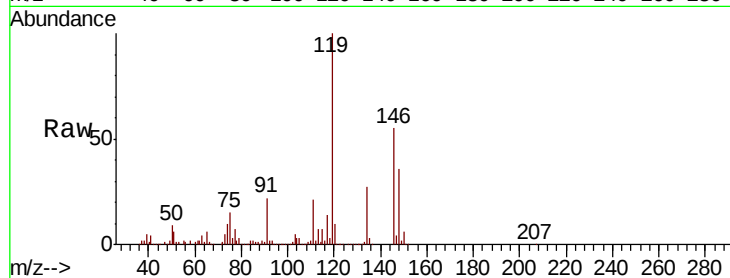
Tot Ion:146 Resp: 1887101

Ion Ratio Lower Upper

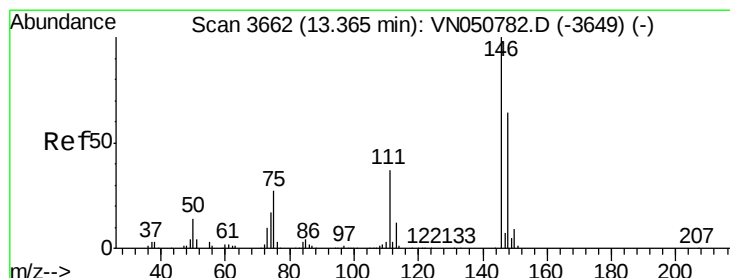
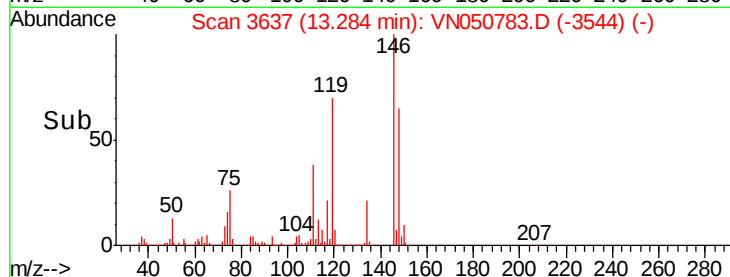
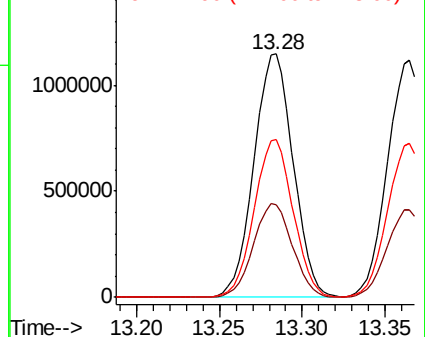
146 100

111 38.3 19.1 57.3

148 64.2 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 98.315 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

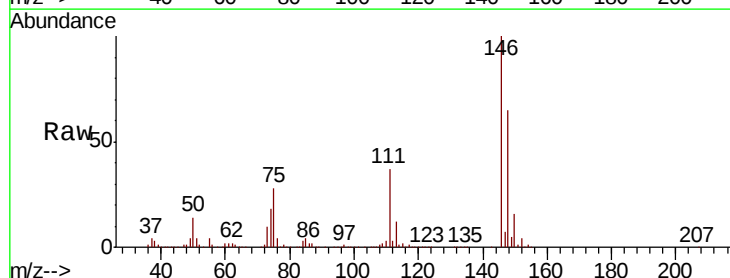
Tgt Ion:146 Resp: 1830018

Ion Ratio Lower Upper

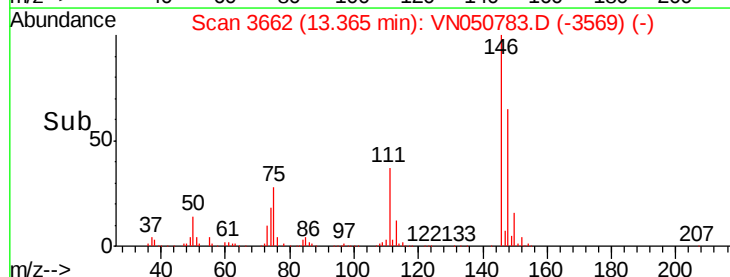
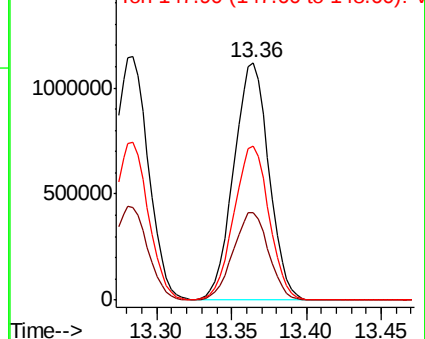
146 100

111 37.3 18.8 56.3

148 65.0 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

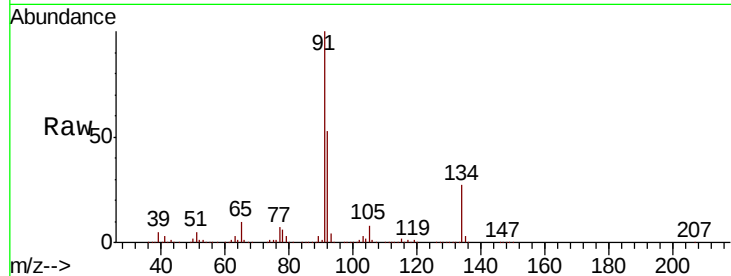




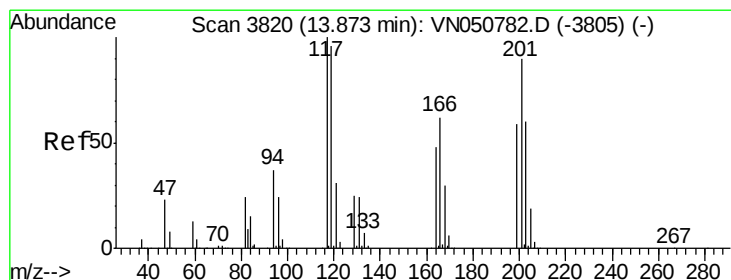
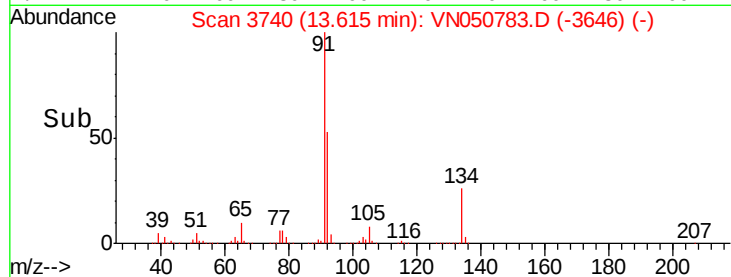
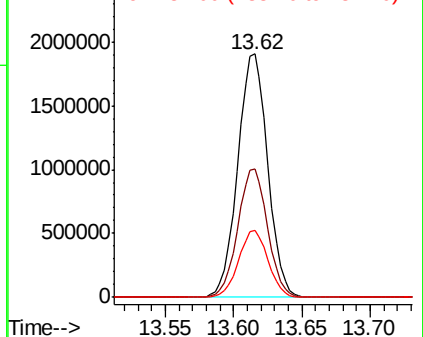
#89
n-Butylbenzene
Concen: 113.167 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 2895992
Ion Ratio Lower Upper
91 100
92 52.2 26.1 78.2
134 27.0 13.2 39.6

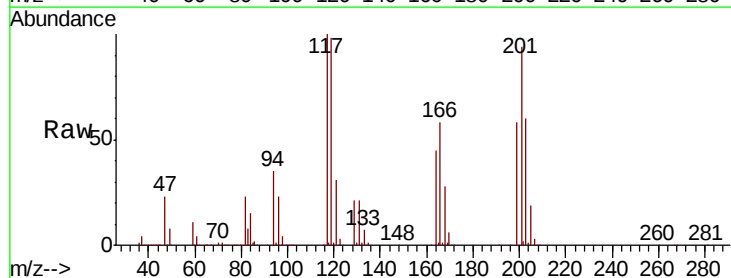


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

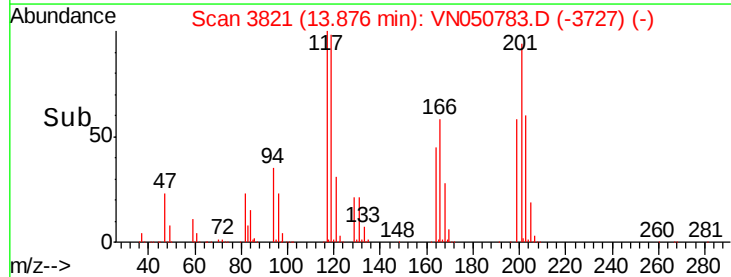
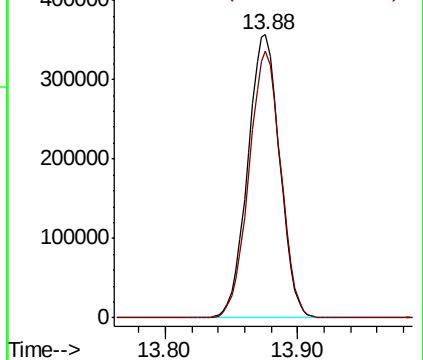


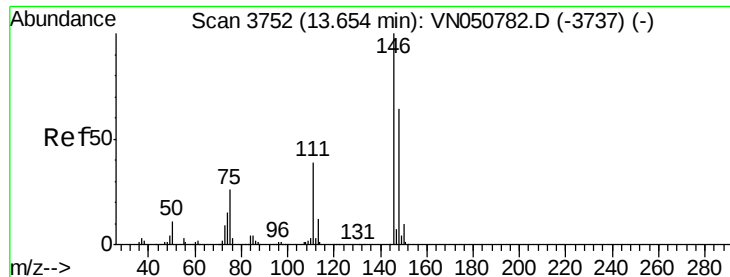
#90
Hexachloroethane
Concen: 90.446 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN050783.D
Acq: 21 Aug 2018 11:34

Tgt Ion: 117 Resp: 598966
Ion Ratio Lower Upper
117 100
201 93.6 46.0 137.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 97.742 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

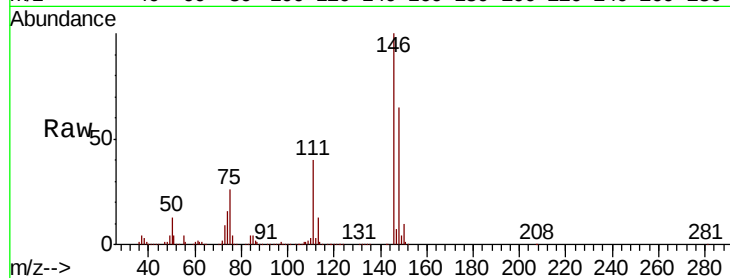
Tot Ion:146 Resp: 1783478

Ion Ratio Lower Upper

146 100

111 39.4 19.8 59.3

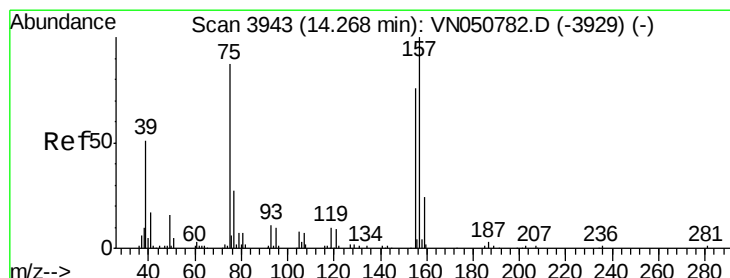
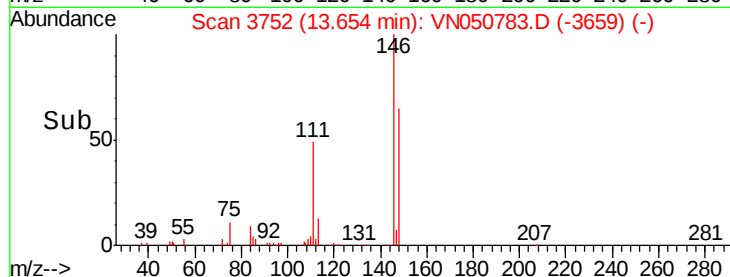
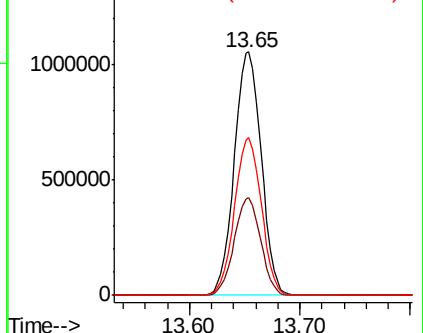
148 64.3 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 98.599 ug/l

RT: 14.27 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

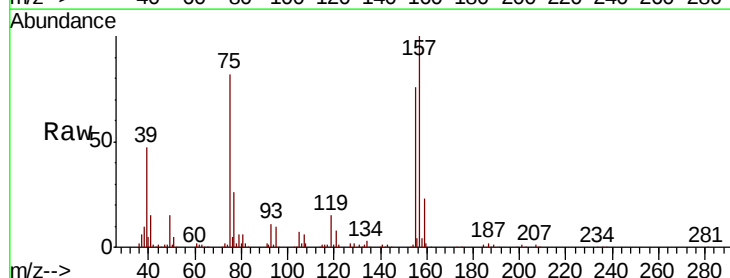
Tgt Ion: 75 Resp: 145211

Ion Ratio Lower Upper

75 100

155 93.3 46.4 139.1

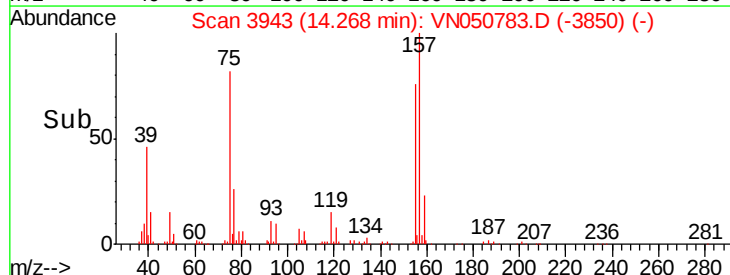
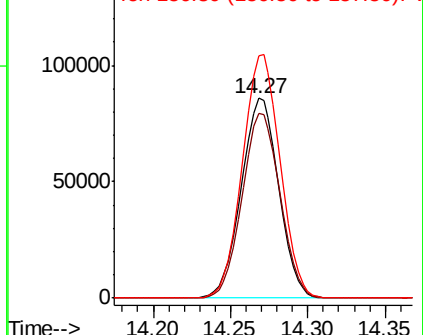
157 122.4 60.7 182.0

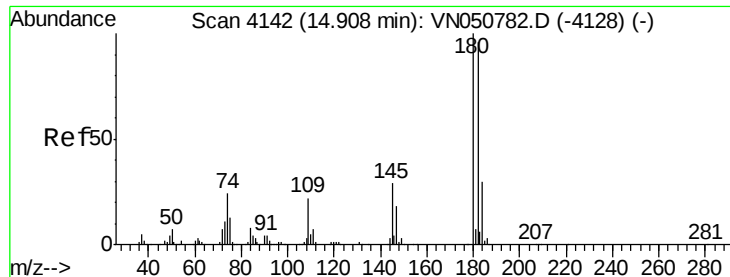


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

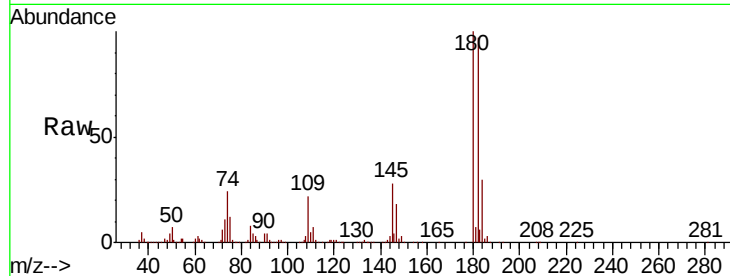




#93
 1,2,4-Trichlorobenzene
 Concen: 122.131 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. 0.00 min
 Lab File: VN050783.D
 Acq: 21 Aug 2018 11:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.2	144.6
145	28.0	14.1	42.2

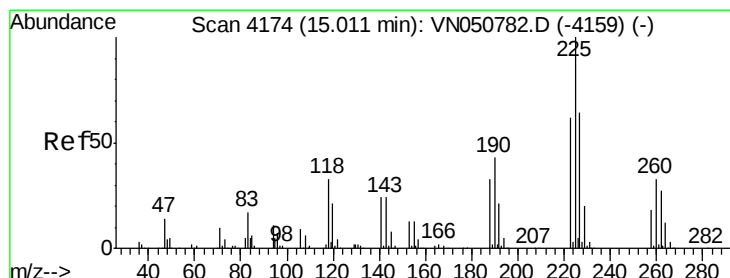
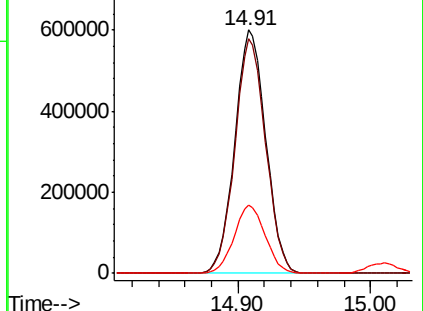
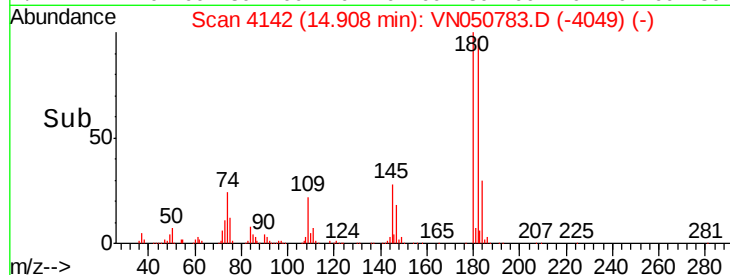


Abundance

Ion 179.80 (179.50 to 180.50): V

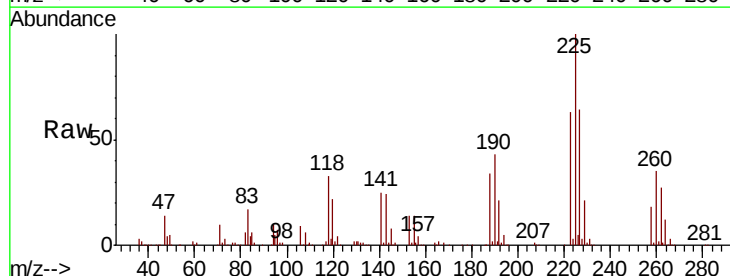
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 90.479 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. 0.00 min
 Lab File: VN050783.D
 Acq: 21 Aug 2018 11:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.3	93.8
227	64.3	32.0	96.2

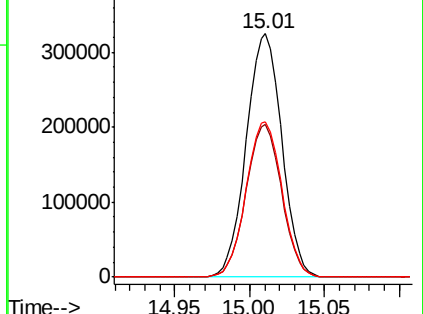
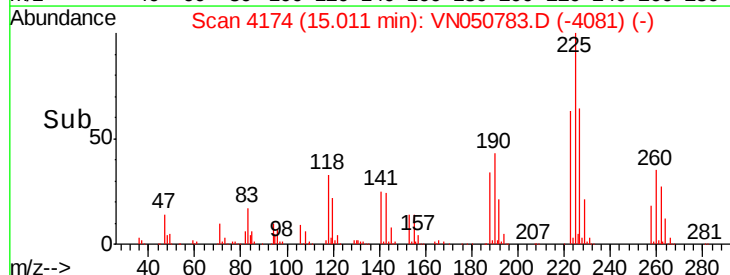


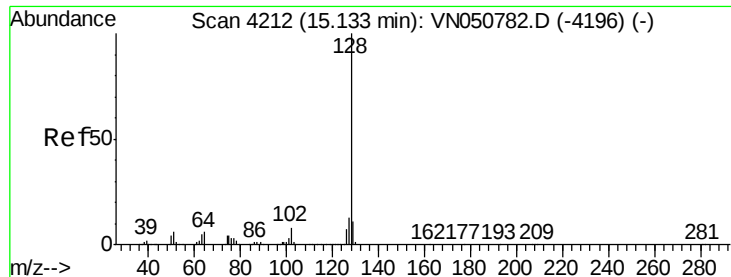
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 129.449 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

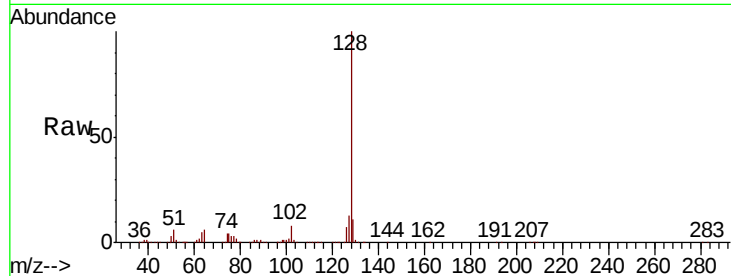
Tot Ion:128 Resp: 2028464

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

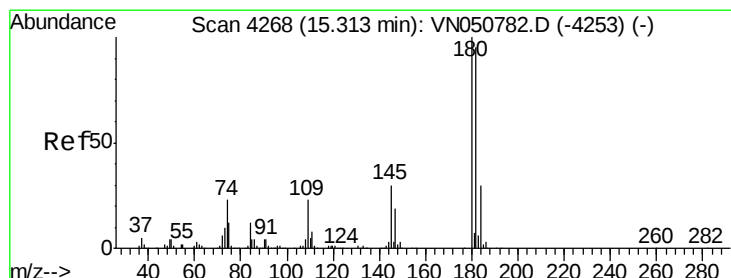
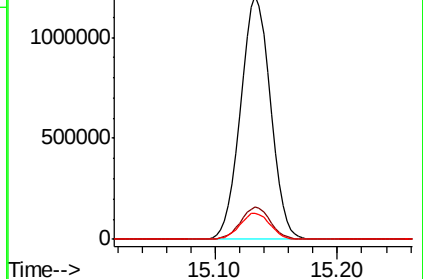
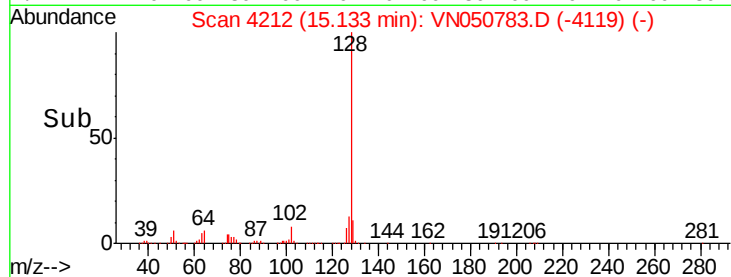
129 10.9 8.7 13.1



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: 116.840 ug/l

RT: 15.31 min Scan# 4268

Delta R.T. 0.00 min

Lab File: VN050783.D

Acq: 21 Aug 2018 11:34

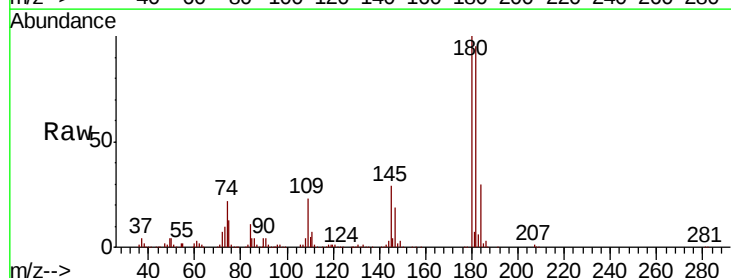
Tgt Ion:180 Resp: 903637

Ion Ratio Lower Upper

180 100

182 95.4 48.0 144.2

145 29.6 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

