

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
 Data File : VN050782.D
 Acq On : 21 Aug 2018 11:09
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 22 03:32:12 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	674410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	955177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	882204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	465137	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	399730	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
35) Dibromofluoromethane	7.59	113	374940	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
50) Toluene-d8	10.09	98	1438743	50.64	ug/l	0.00
Spiked Amount			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.40	95	476945	50.52	ug/l	0.00
Spiked Amount			Recovery	=	101.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	491054	54.408	ug/l	100
3) Chloromethane	2.06	50	534737	48.036	ug/l	100
4) Vinyl Chloride	2.18	62	525124	49.798	ug/l	100
5) Bromomethane	2.56	94	297088	43.770	ug/l	100
6) Chloroethane	2.70	64	295182	48.447	ug/l	100
7) Trichlorofluoromethane	3.01	101	667027	49.398	ug/l	100
8) Diethyl Ether	3.41	74	224528	48.900	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	409058	48.488	ug/l	100
10) Methyl Iodide	3.95	142	331709	49.533	ug/l	100
11) Tert butyl alcohol	4.79	59	129462	250.410	ug/l	100
12) 1,1-Dichloroethene	3.73	96	376743	49.737	ug/l	100
13) Acrolein	3.61	56	75205	266.309	ug/l	100
14) Allyl chloride	4.32	41	596212	50.514	ug/l	100
15) Acrylonitrile	4.99	53	662255	252.052	ug/l	100
16) Acetone	3.82	43	478722	213.848	ug/l	100
17) Carbon Disulfide	4.05	76	1196447	47.118	ug/l	100
18) Methyl Acetate	4.33	43	349967	45.333	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	986032	51.752	ug/l	100
20) Methylene Chloride	4.55	84	426895	46.652	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	403600	49.444	ug/l	100
22) Diisopropyl ether	5.95	45	1223434	52.012	ug/l	100
23) Vinyl Acetate	5.90	43	4023126	265.584	ug/l	100
24) 1,1-Dichloroethane	5.85	63	733409	48.566	ug/l	100
25) 2-Butanone	6.84	43	738337	225.661	ug/l	100
26) 2,2-Dichloropropane	6.83	77	584811	48.195	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	441224	49.955	ug/l	100
28) Bromochloromethane	7.20	49	329643	51.371	ug/l	100
29) Tetrahydrofuran	7.21	42	490136	261.279	ug/l	100
30) Chloroform	7.37	83	730406	48.844	ug/l	100
31) Cyclohexane	7.65	56	669409	44.625	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	620202	48.286	ug/l	100
36) 1,1-Dichloropropene	7.79	75	570890	50.649	ug/l	100
37) Ethyl Acetate	6.93	43	336285	54.216	ug/l	100
38) Carbon Tetrachloride	7.77	117	563951	49.498	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	629803	51.648	ug/l	100
40) Benzene	8.04	78	1715540	50.474	ug/l	100
41) Methacrylonitrile	7.18	41	172131	52.499	ug/l	100
42) 1,2-Dichloroethane	8.13	62	509934	50.181	ug/l	100
43) Isopropyl Acetate	8.17	43	573234	51.492	ug/l	100
44) Trichloroethene	8.84	130	445698	49.720	ug/l	100
45) 1,2-Dichloropropane	9.12	63	443865	49.688	ug/l	100
46) Dibromomethane	9.21	93	261725	49.864	ug/l	100
47) Bromodichloromethane	9.40	83	553969	50.390	ug/l	100
48) Methyl methacrylate	9.20	41	296223	52.211	ug/l	100
49) 1,4-Dioxane	9.20	88	82620	1068.226	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	1646101	247.783	ug/l	100
52) Toluene	10.16	92	1045381	51.919	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	560042	51.180	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	648116	51.723	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	371166	49.667	ug/l	100
56) Ethyl methacrylate	10.43	69	462022	54.512	ug/l	100
57) 1,3-Dichloropropane	10.71	76	627646	50.883	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1004856	277.660	ug/l	100
59) 2-Hexanone	10.75	43	1095753	247.762	ug/l	100
60) Dibromochloromethane	10.90	129	427269	51.064	ug/l	100
61) 1,2-Dibromoethane	11.01	107	370025	51.205	ug/l	100
64) Tetrachloroethene	10.63	164	412368	49.212	ug/l	100
65) Chlorobenzene	11.43	112	1142499	49.547	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	420885	49.886	ug/l	100
67) Ethyl Benzene	11.51	91	1964181	52.396	ug/l	100
68) m/p-Xylenes	11.62	106	1529432	107.485	ug/l	100
69) o-Xylene	11.95	106	731428	53.468	ug/l	100
70) Styrene	11.96	104	1186839	55.496	ug/l	100
71) Bromoform	12.13	173	297151	51.216	ug/l	100
73) Isopropylbenzene	12.25	105	1931094	50.139	ug/l	100
74) N-amyl acetate	12.07	43	492961	50.939	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	469531	45.245	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	556009	70.503	ug/l #	100
77) Bromobenzene	12.53	156	493126	47.111	ug/l	100
78) n-propylbenzene	12.59	91	2217458	51.538	ug/l	100
79) 2-Chlorotoluene	12.67	91	1317867	49.174	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1611901	51.867	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	120858	50.150	ug/l	100
82) 4-Chlorotoluene	12.77	91	1329745	50.260	ug/l	100
83) tert-Butylbenzene	12.99	119	1364511	50.698	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1652150	52.851	ug/l	100
85) sec-Butylbenzene	13.17	105	1811383	51.361	ug/l	100
86) p-Isopropyltoluene	13.29	119	1597762	53.168	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	875025	49.261	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	845211	48.347	ug/l	100
89) n-Butylbenzene	13.61	91	1281820	53.332	ug/l	100
90) Hexachloroethane	13.87	117	277396	44.599	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	841451	49.100	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	66374	47.986	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	405474	54.356	ug/l	100
94) Hexachlorobutadiene	15.01	225	257061	46.004	ug/l	100
95) Naphthalene	15.13	128	809132	54.978	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	388045	53.422	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

MSVOA_N

ClientSampleId :

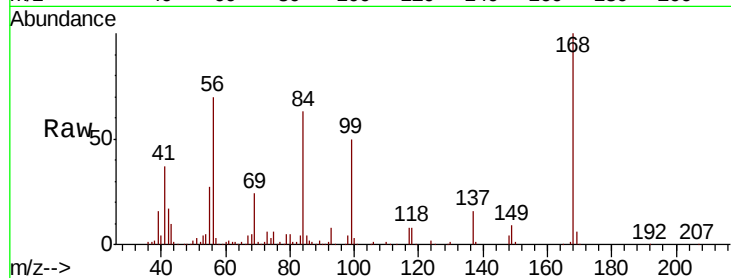
VSTDICCC050

Tot Ion:168 Resp: 674410

Ion Ratio Lower Upper

168 100

99 49.5 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

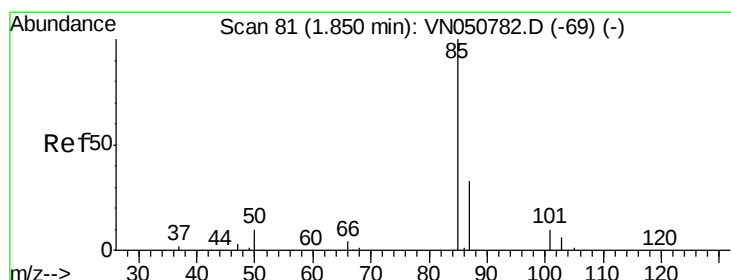
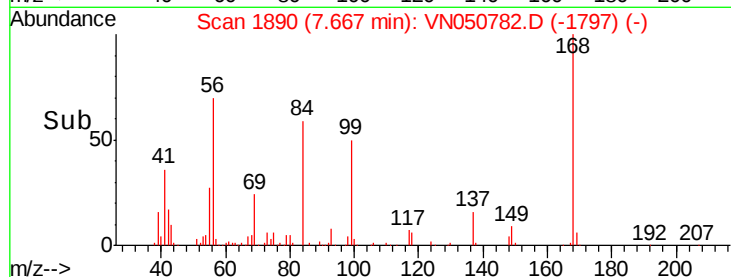
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 54.408 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN050782.D

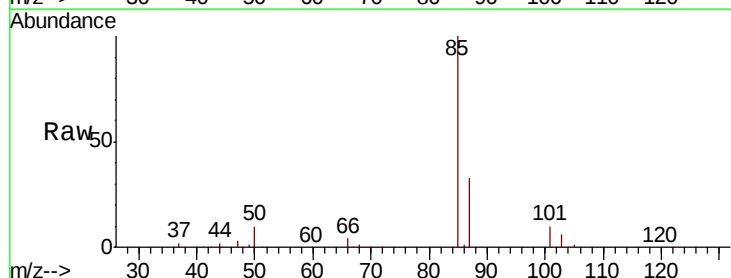
Acq: 21 Aug 2018 11:09

Tgt Ion: 85 Resp: 491054

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

400000

300000

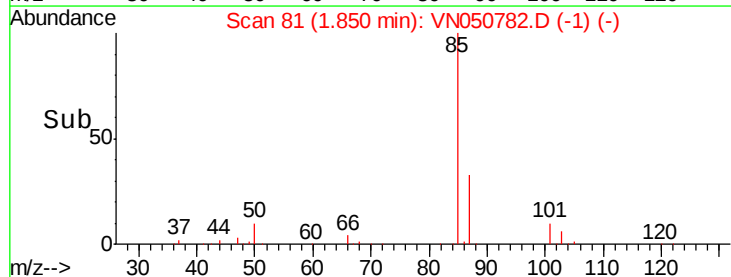
200000

100000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 48.036 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

MSVOA_N

ClientSampleId :

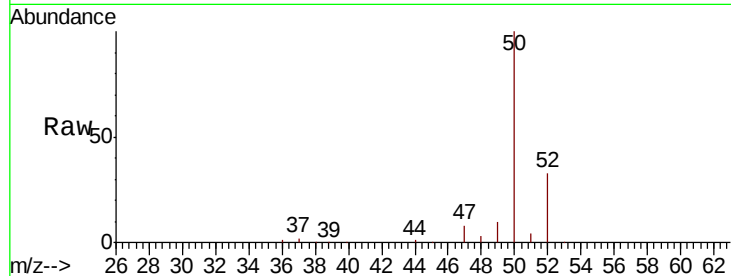
VSTDICCC050

Tot Ion: 50 Resp: 534737

Ion Ratio Lower Upper

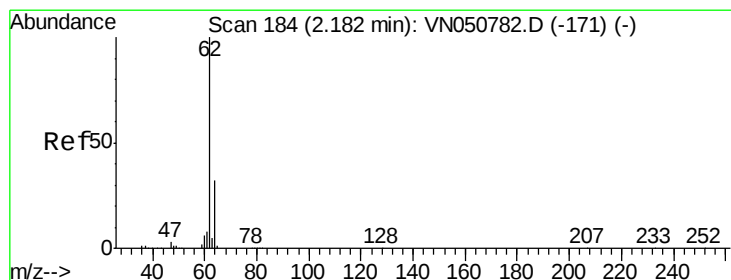
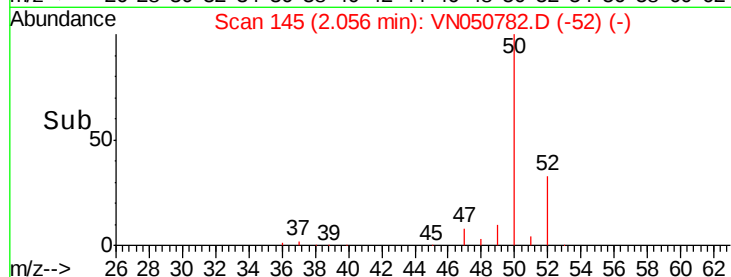
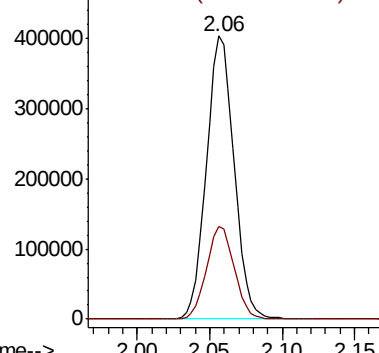
50 100

52 32.9 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 49.798 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN050782.D

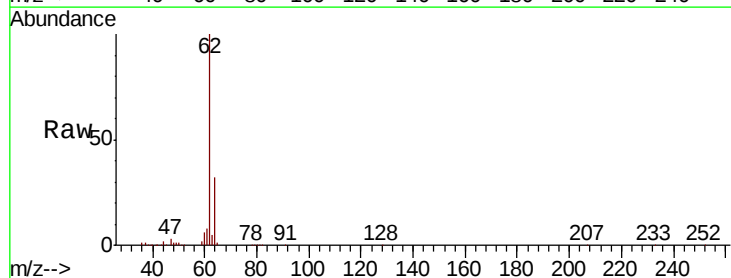
Acq: 21 Aug 2018 11:09

Tgt Ion: 62 Resp: 525124

Ion Ratio Lower Upper

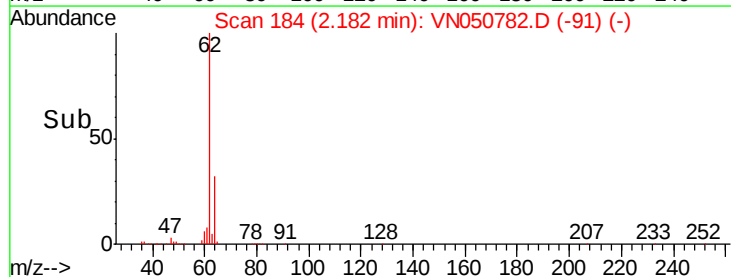
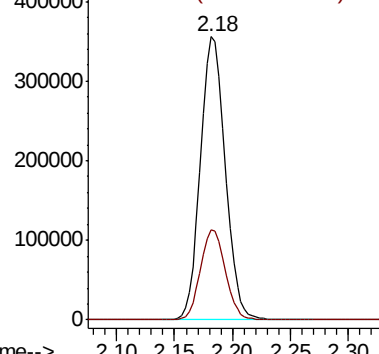
62 100

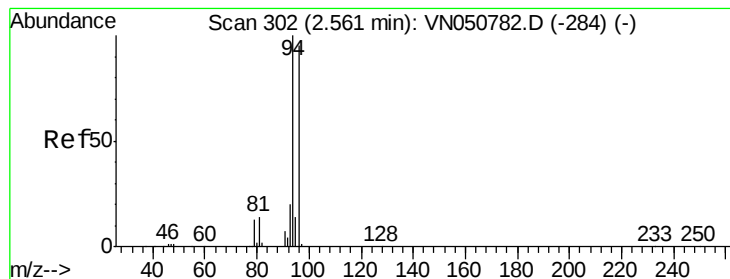
64 31.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 43.770 ug/l

RT: 2.56 min Scan# 302

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

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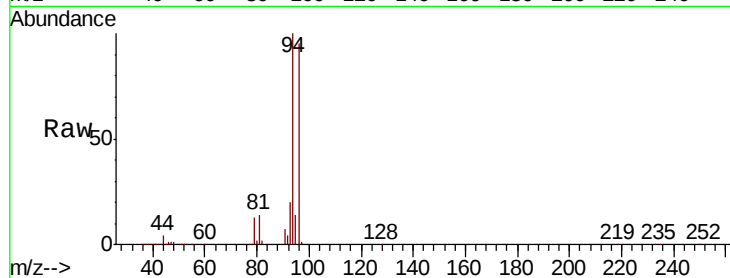
VSTDICCC050

Tot Ion: 94 Resp: 297088

Ion Ratio Lower Upper

94 100

96 95.2 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN050782.D (-284) (-)

Ion 95.90 (95.60 to 96.60): VN050782.D (-284) (-)

2.56

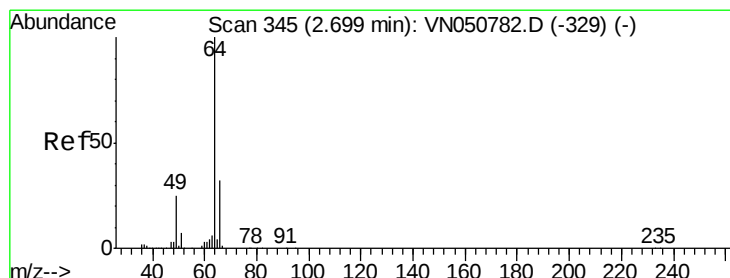
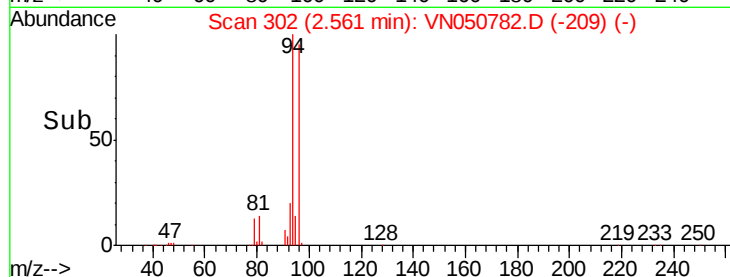
150000

100000

50000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 48.447 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN050782.D

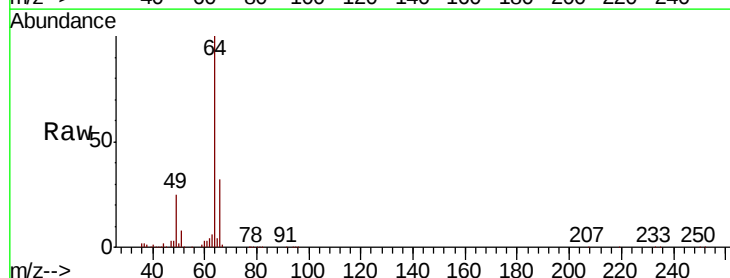
Acq: 21 Aug 2018 11:09

Tgt Ion: 64 Resp: 295182

Ion Ratio Lower Upper

64 100

66 31.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN050782.D (-329) (-)

Ion 65.90 (65.60 to 66.60): VN050782.D (-329) (-)

2.70

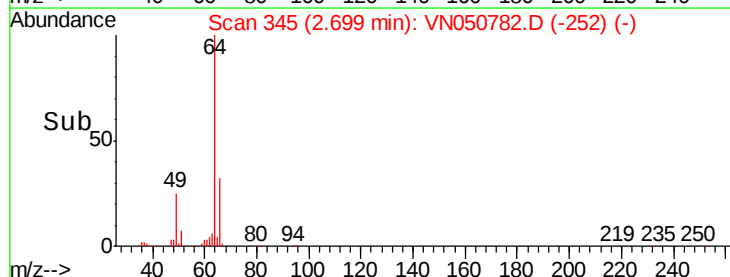
150000

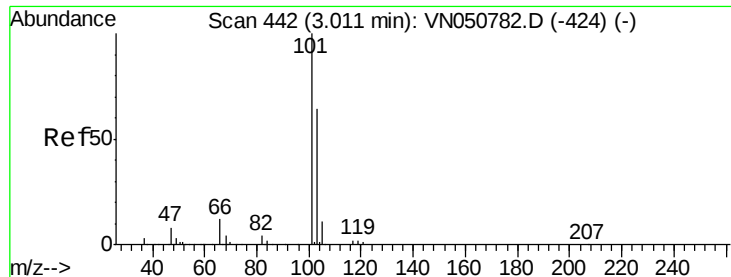
100000

50000

0

Time--> 2.60 2.70 2.80



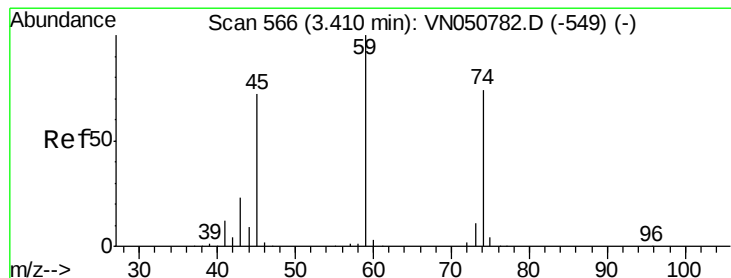
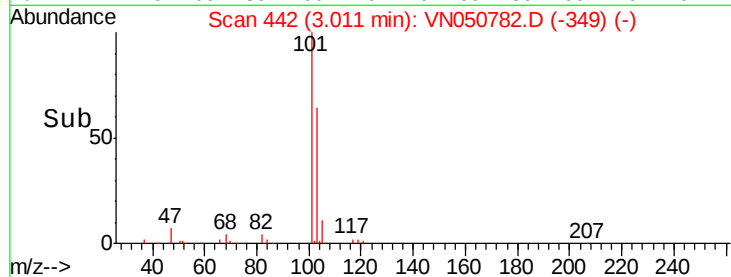
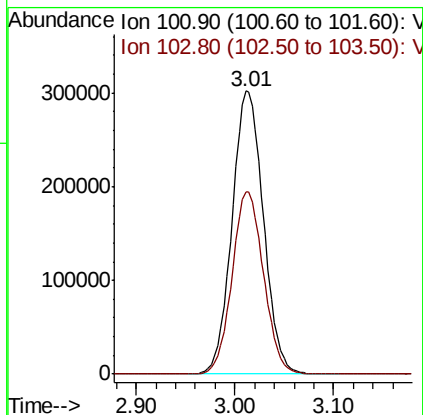
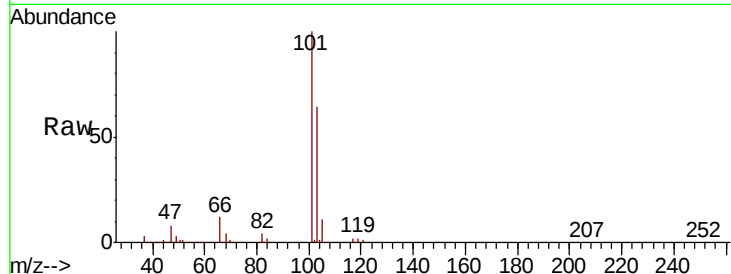


#7

Trichlorofluoromethane
 Concen: 49.398 ug/l
 RT: 3.01 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VN050782.D
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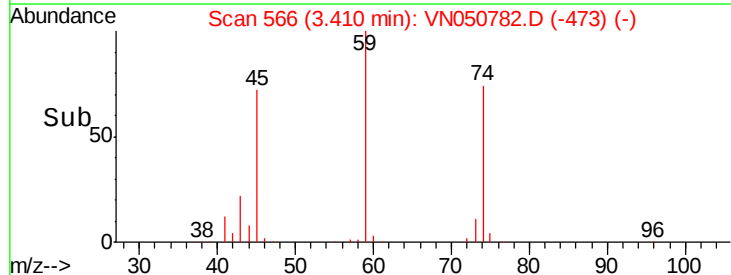
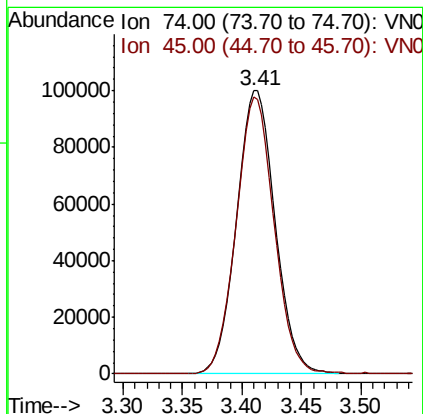
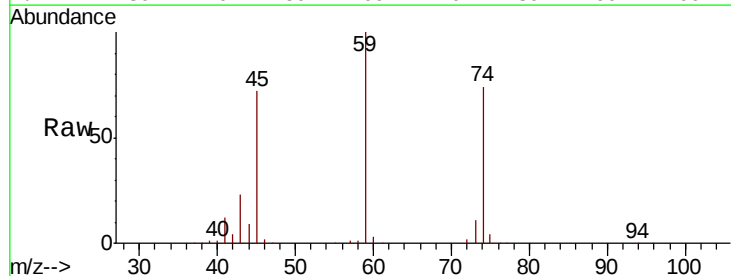
Tot Ion:101 Resp: 667027
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.6 77.4



#8

Diethyl Ether
 Concen: 48.900 ug/l
 RT: 3.41 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: VN050782.D
 Acq: 21 Aug 2018 11:09

Tgt Ion: 74 Resp: 224528
 Ion Ratio Lower Upper
 74 100
 45 96.4 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.488 ug/l

RT: 3.76 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

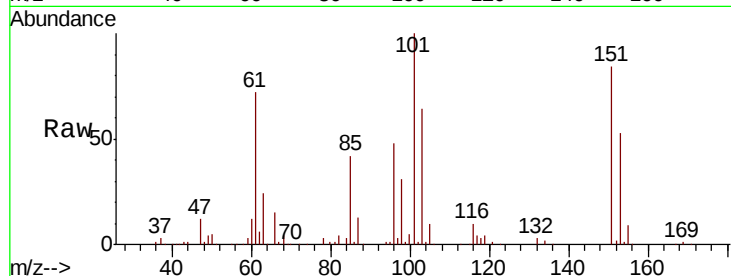
Tot Ion:101 Resp: 409058

Ion Ratio Lower Upper

101 100

85 42.1 33.7 50.5

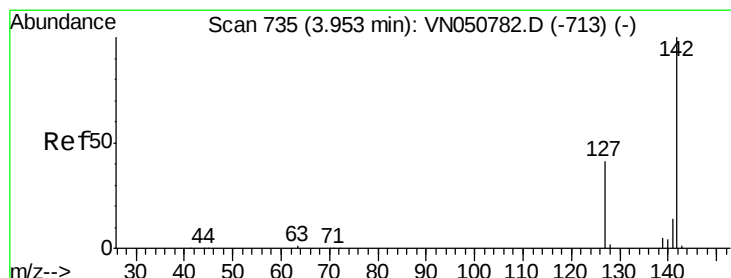
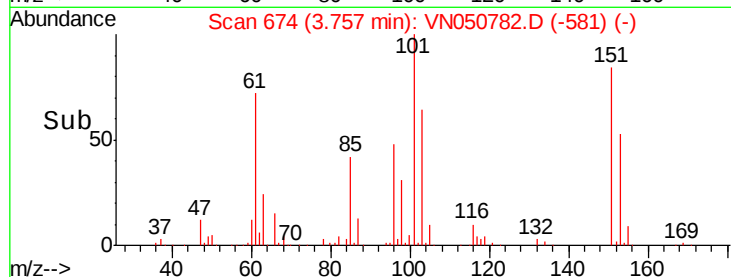
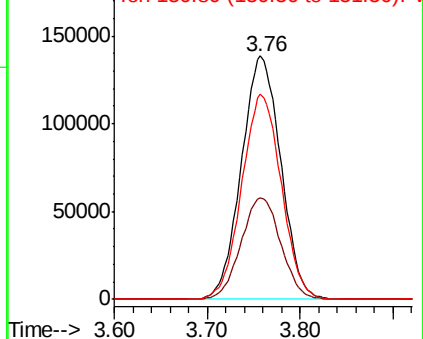
151 84.3 67.4 101.2



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: 49.533 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

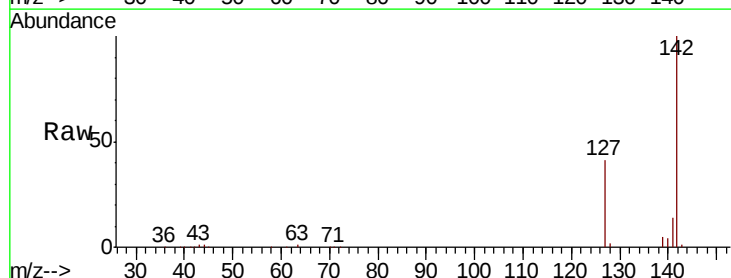
Tgt Ion:142 Resp: 331709

Ion Ratio Lower Upper

142 100

127 39.6 31.7 47.5

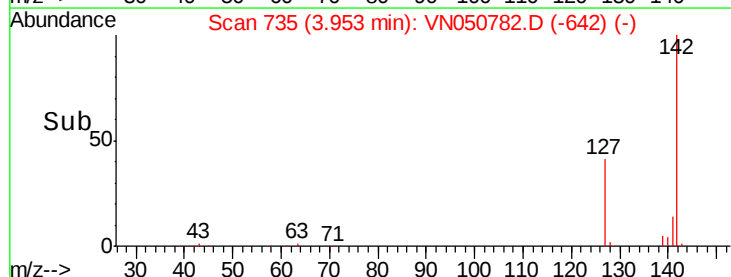
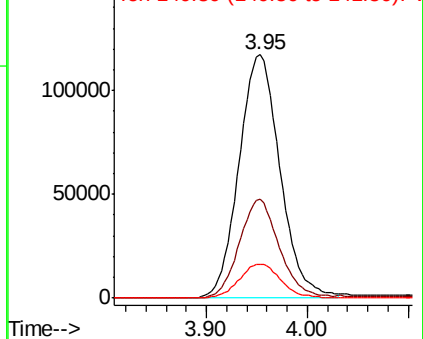
141 14.2 11.4 17.0

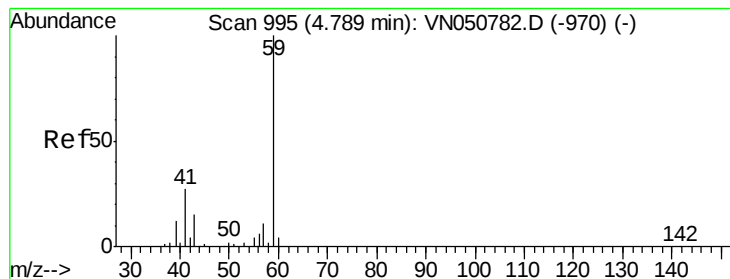


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



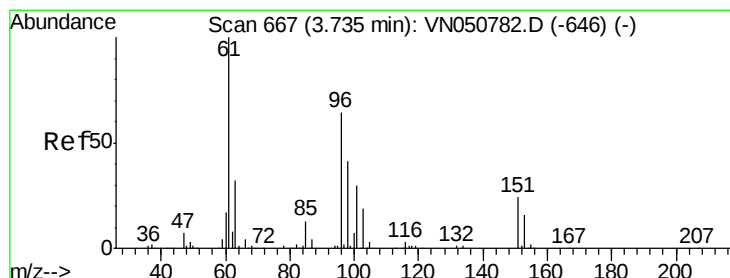
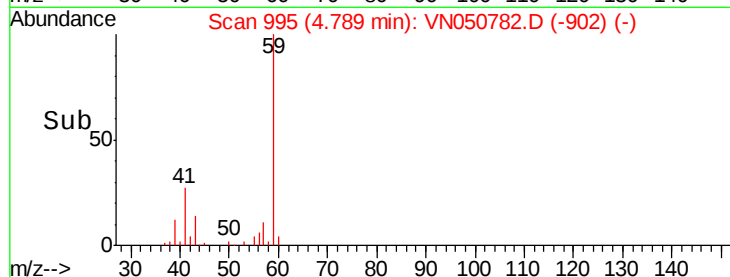
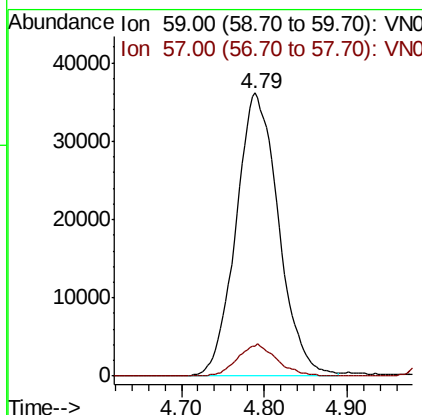
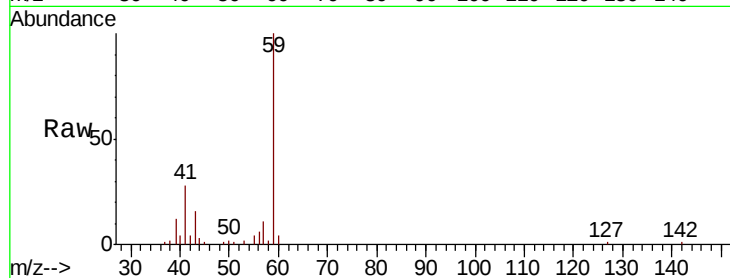


#11

Tert butyl alcohol
 Concen: 250.410 ug/l
 RT: 4.79 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: VN050782.D
 Acq: 21 Aug 2018 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

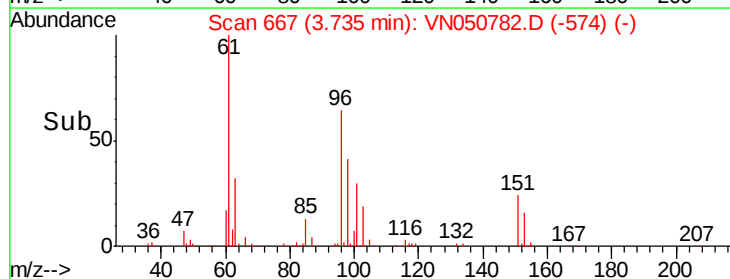
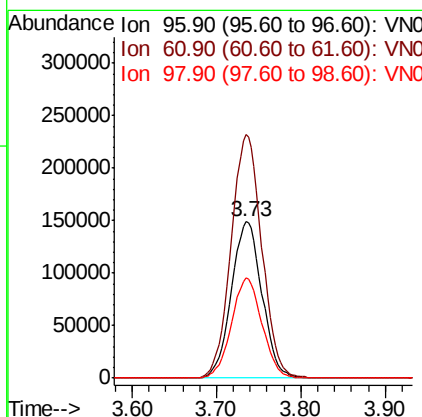
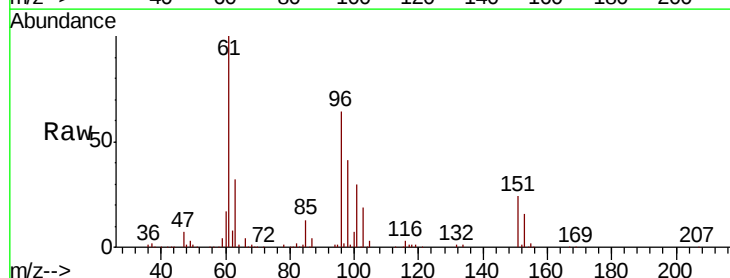
Tot Ion: 59 Resp: 129462
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5



#12

1,1-Dichloroethene
 Concen: 49.737 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VN050782.D
 Acq: 21 Aug 2018 11:09

Tgt Ion: 96 Resp: 376743
 Ion Ratio Lower Upper
 96 100
 61 156.1 124.9 187.3
 98 63.9 51.1 76.7





#13

Acrolein

Concen: 266.309 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

MSVOA_N

ClientSampleId :

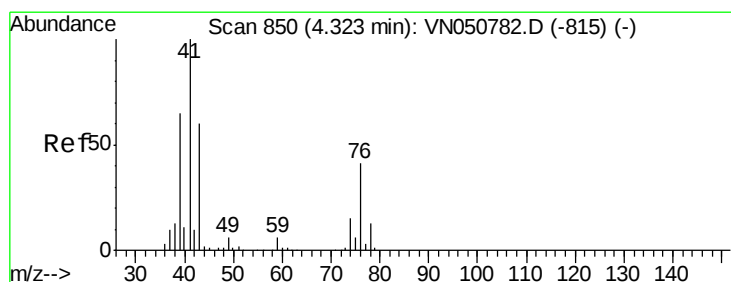
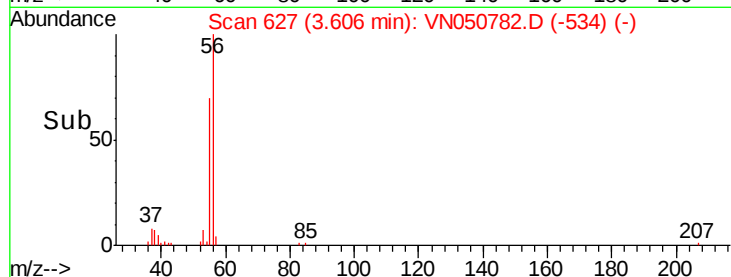
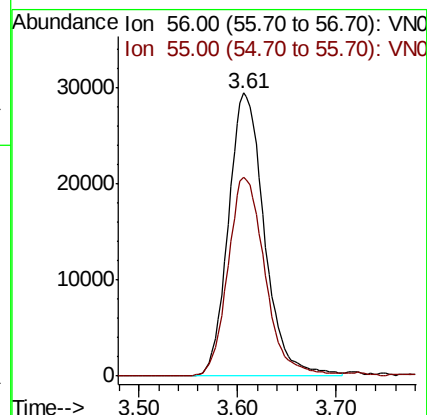
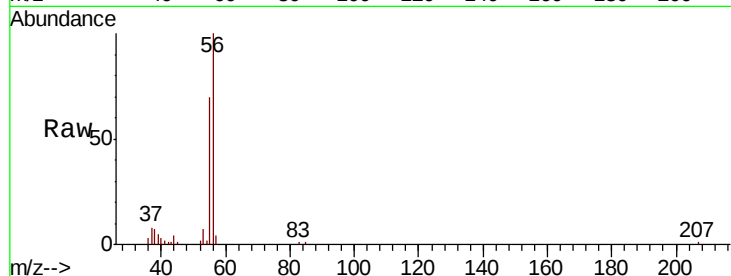
VSTDICCC050

Tot Ion: 56 Resp: 75205

Ion Ratio Lower Upper

56 100

55 72.1 57.7 86.5



#14

Allyl chloride

Concen: 50.514 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

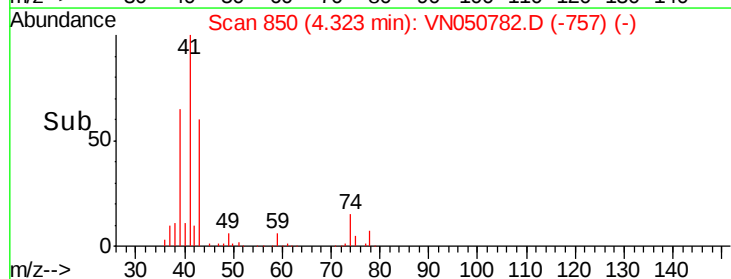
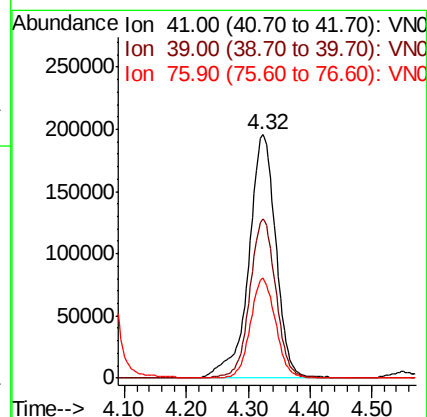
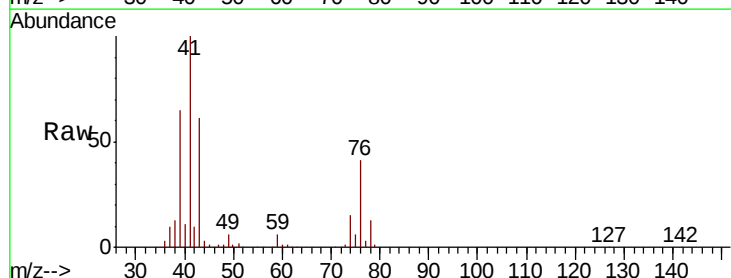
Tgt Ion: 41 Resp: 596212

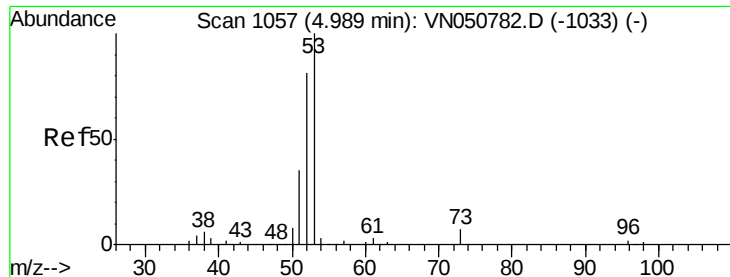
Ion Ratio Lower Upper

41 100

39 62.7 50.2 75.2

76 37.3 29.8 44.8





#15

Acrylonitrile

Concen: 252.052 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

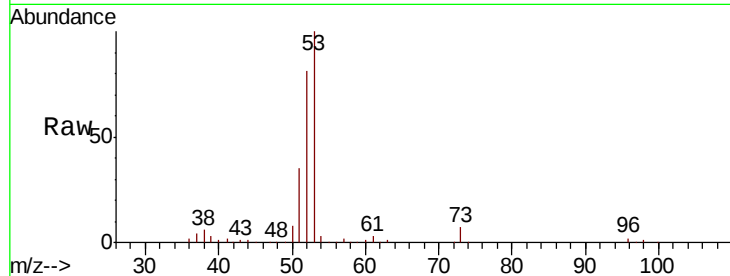
Tot Ion: 53 Resp: 662255

Ion Ratio Lower Upper

53 100

52 82.4 65.9 98.9

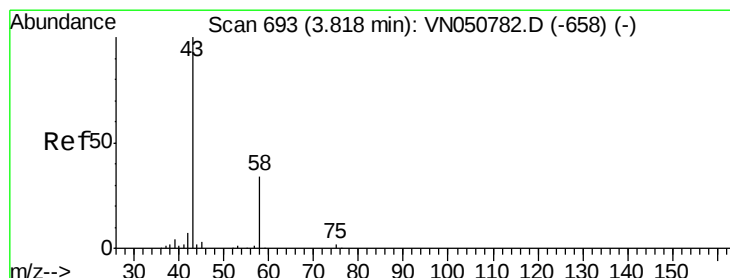
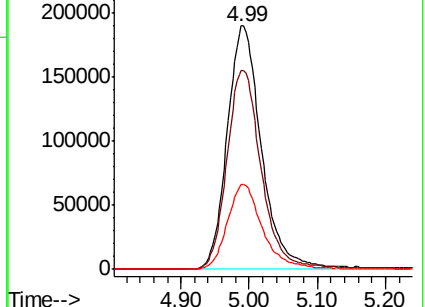
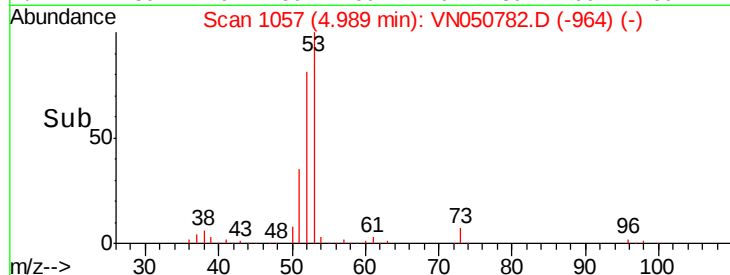
51 35.8 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 213.848 ug/l

RT: 3.82 min Scan# 693

Delta R.T. 0.00 min

Lab File: VN050782.D

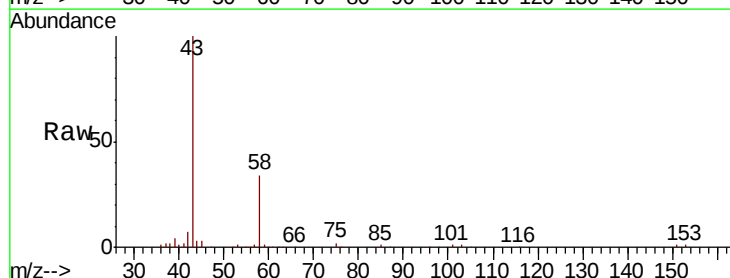
Acq: 21 Aug 2018 11:09

Tgt Ion: 43 Resp: 478722

Ion Ratio Lower Upper

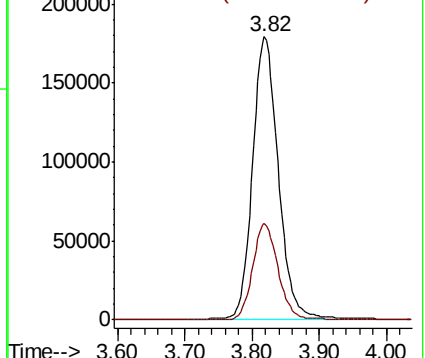
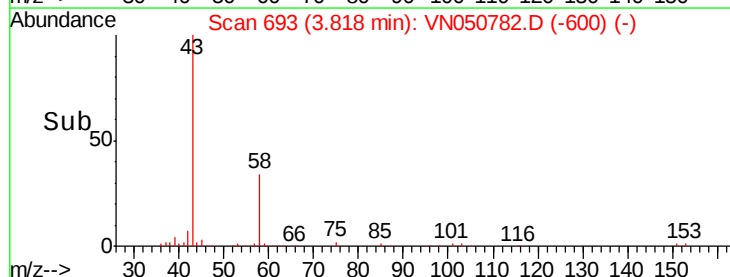
43 100

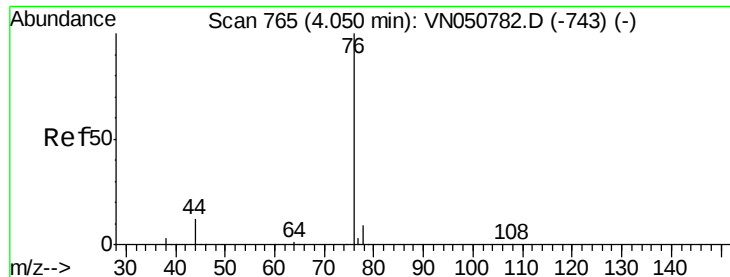
58 34.0 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

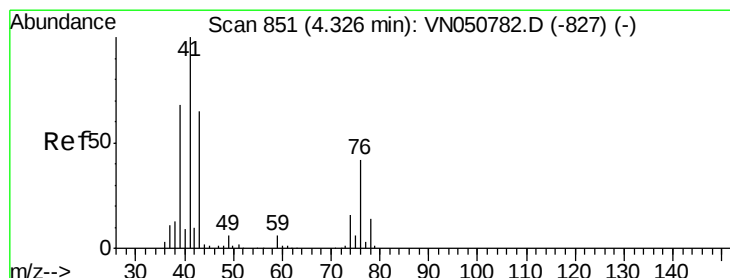
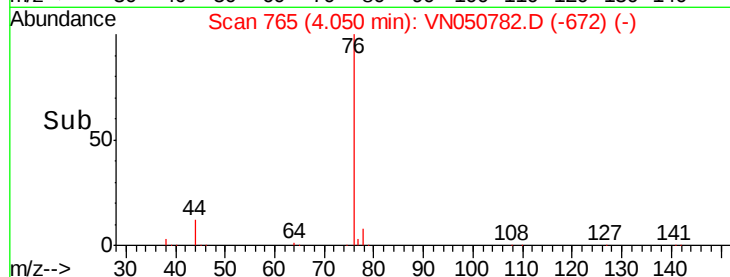
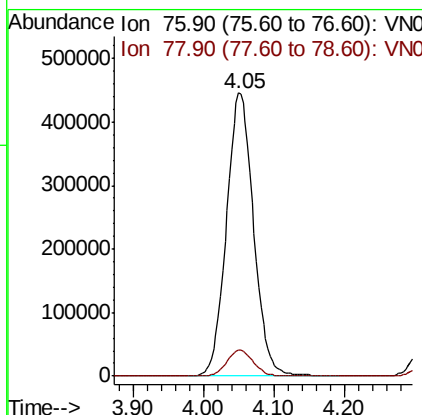
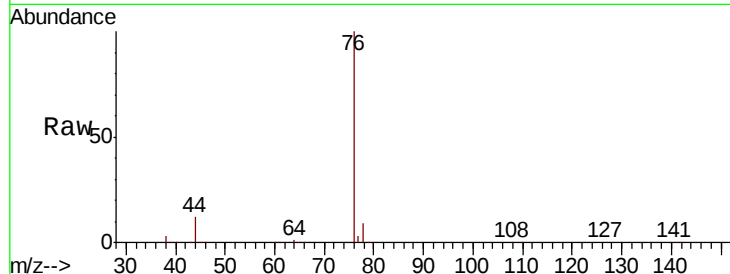




#17
Carbon Disulfide
Concen: 47.118 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

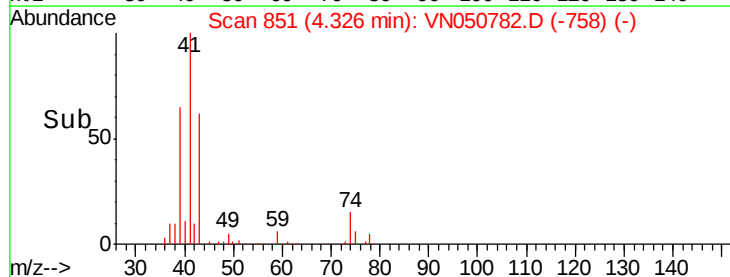
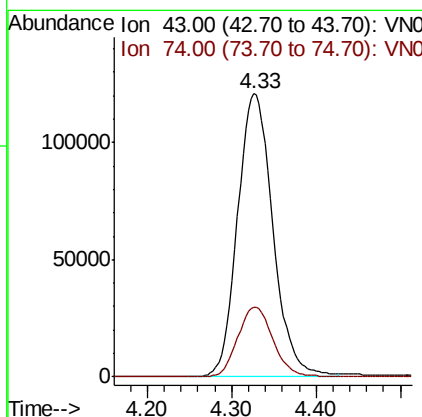
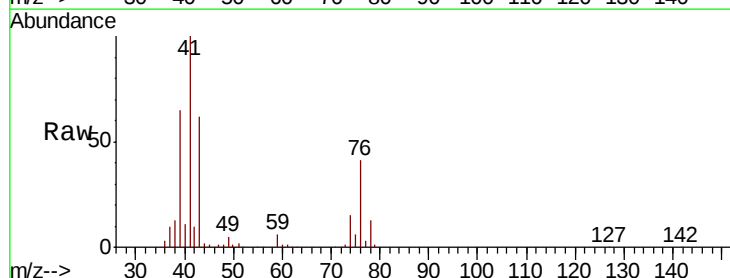
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

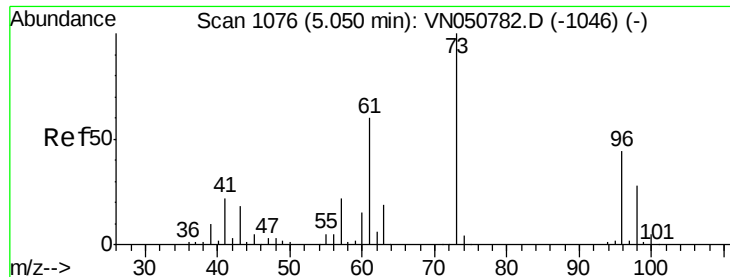
Tot Ion: 76 Resp: 1196447
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 45.333 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

Tgt Ion: 43 Resp: 349967
Ion Ratio Lower Upper
43 100
74 24.8 19.8 29.8

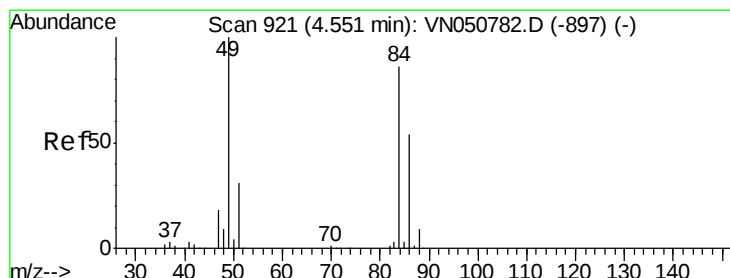
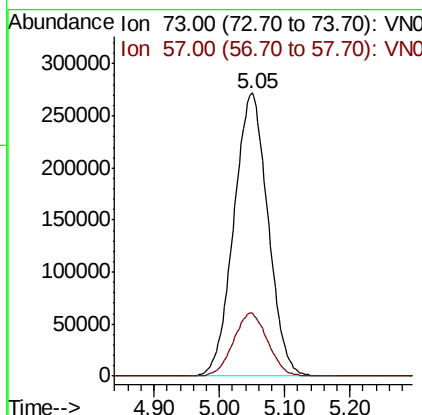
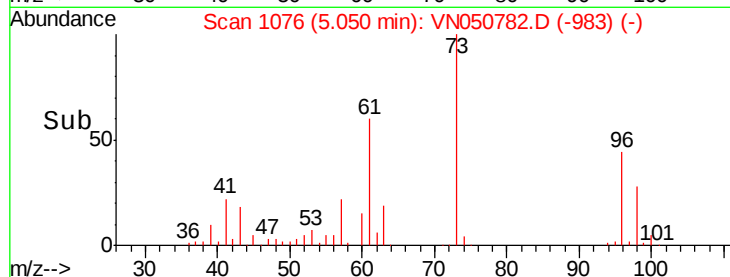
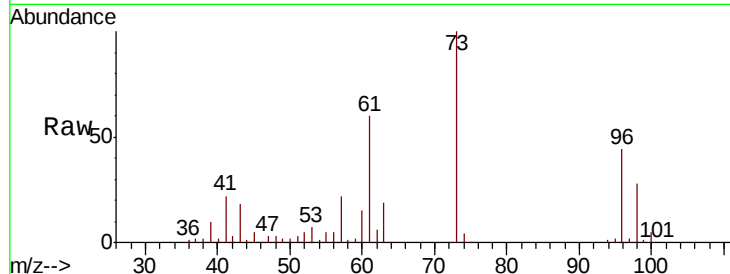




#19
Methyl tert-butyl Ether
Concen: 51.752 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

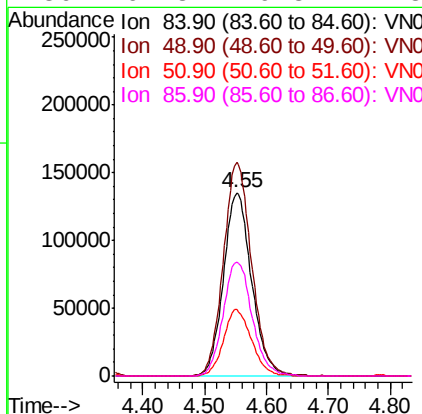
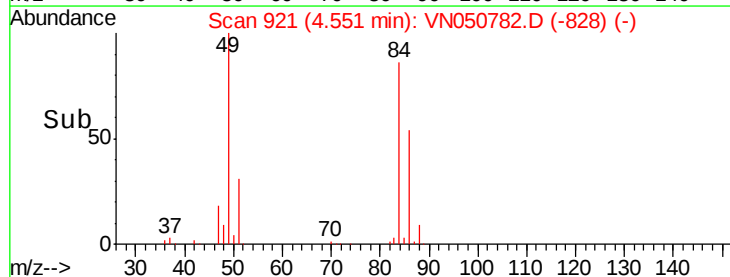
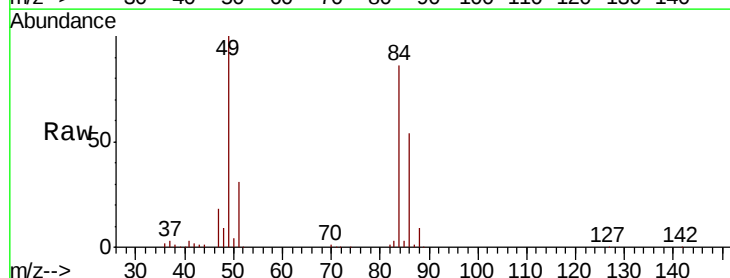
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

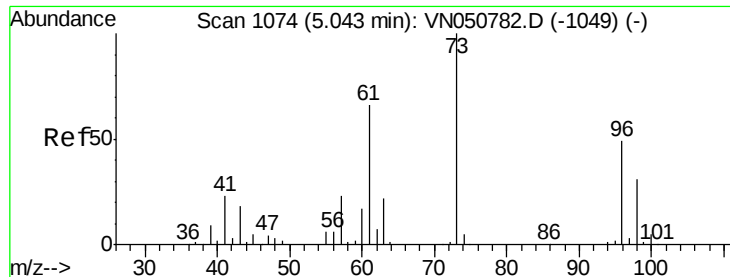
Tot Ion: 73 Resp: 986032
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.8



#20
Methylene Chloride
Concen: 46.652 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

Tgt Ion: 84 Resp: 426895
Ion Ratio Lower Upper
84 100
49 116.5 93.2 139.8
51 36.3 29.0 43.6
86 62.3 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 49.444 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

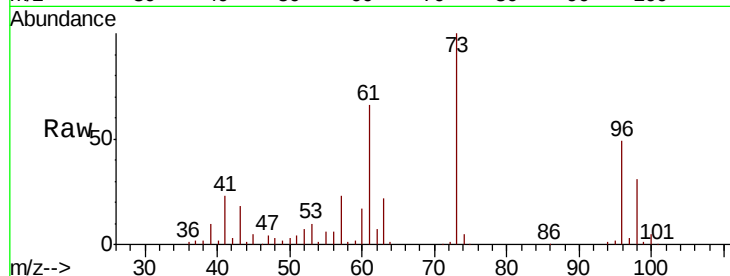
Tot Ion: 96 Resp: 403600

Ion Ratio Lower Upper

96 100

61 134.2 107.4 161.0

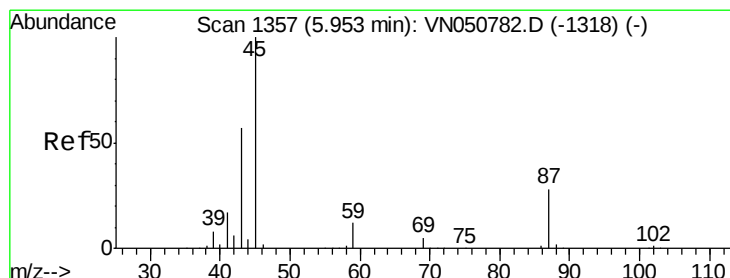
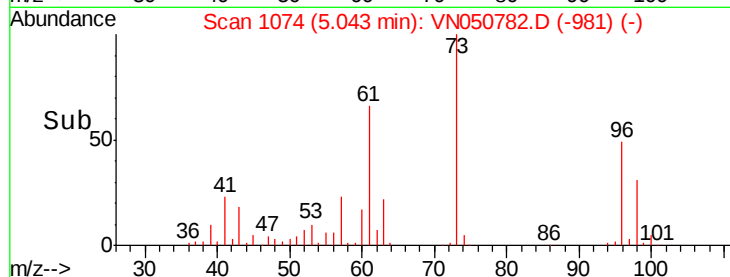
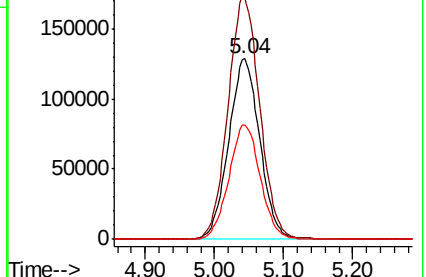
98 63.4 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VN050782.D (-1049) (-)

Ion 60.90 (60.60 to 61.60): VN050782.D (-1049) (-)

Ion 97.90 (97.60 to 98.60): VN050782.D (-1049) (-)



#22

Diisopropyl ether

Concen: 52.012 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Tgt Ion: 45 Resp: 1223434

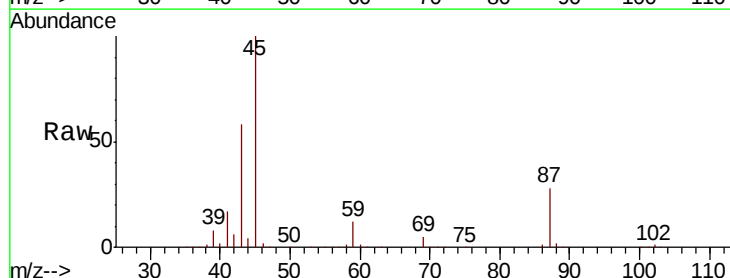
Ion Ratio Lower Upper

45 100

43 57.4 45.9 68.9

87 28.4 22.7 34.1

59 11.6 9.3 13.9

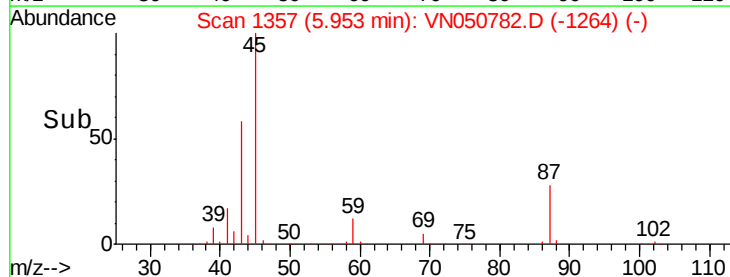
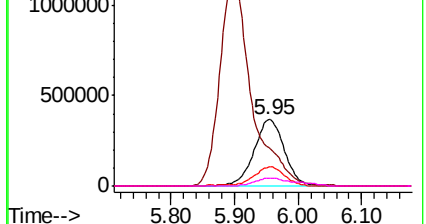


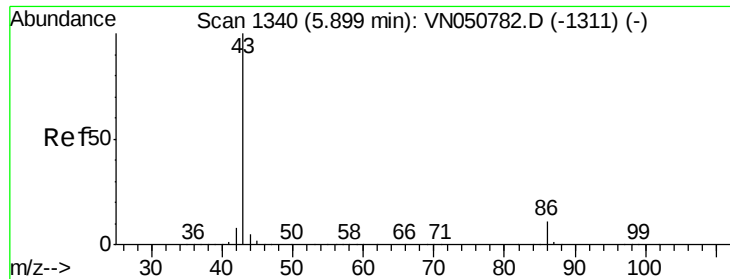
Abundance Ion 45.00 (44.70 to 45.70): VN050782.D (-1318) (-)

Ion 43.00 (42.70 to 43.70): VN050782.D (-1318) (-)

Ion 87.00 (86.70 to 87.70): VN050782.D (-1318) (-)

Ion 59.00 (58.70 to 59.70): VN050782.D (-1318) (-)





#23

Vinyl Acetate

Concen: 265.584 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

MSVOA_N

ClientSampleId :

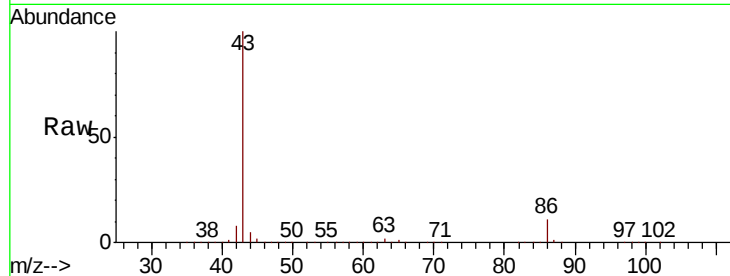
VSTDICCC050

Tot Ion: 43 Resp: 4023126

Ion Ratio Lower Upper

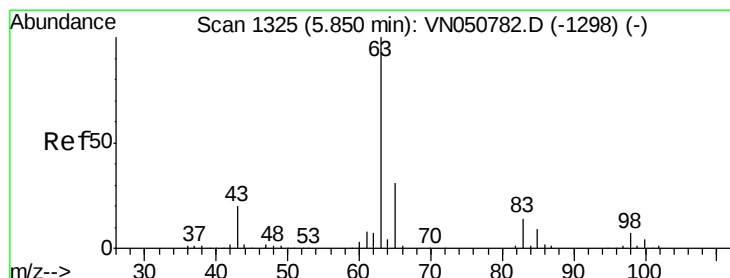
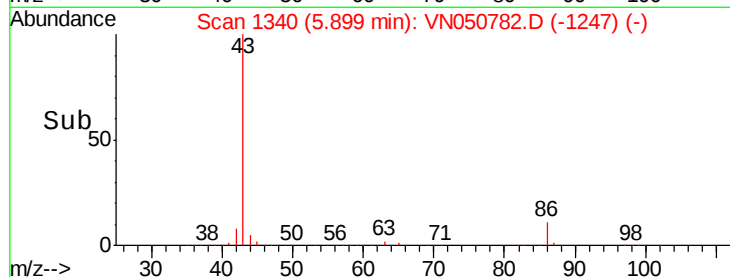
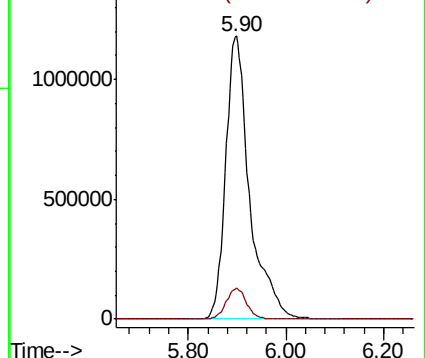
43 100

86 10.9 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 48.566 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

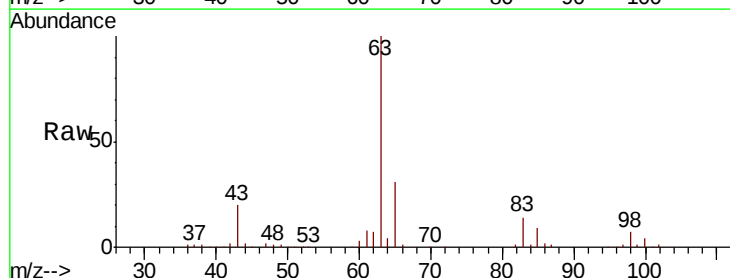
Tgt Ion: 63 Resp: 733409

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

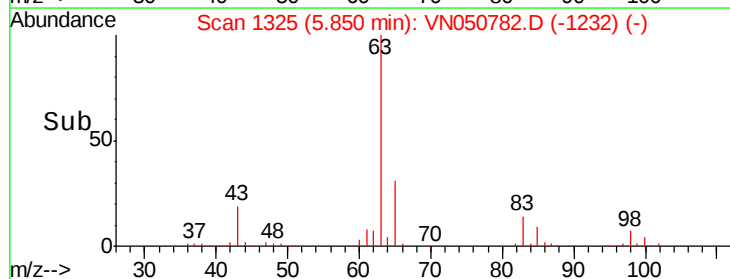
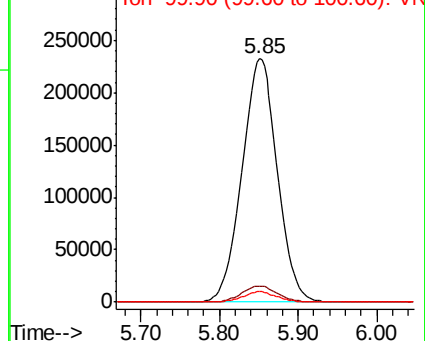
100 4.3 2.1 6.5

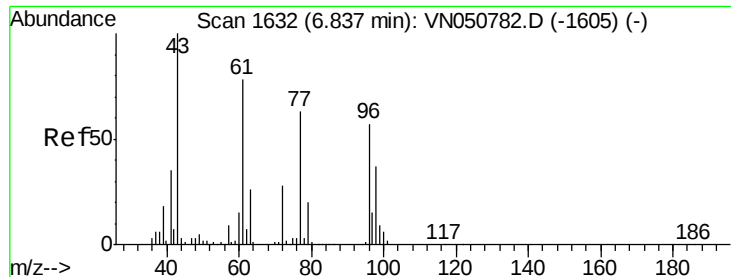


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 225.661 ug/l

RT: 6.84 min Scan# 1632

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

MSVOA_N

ClientSampleId :

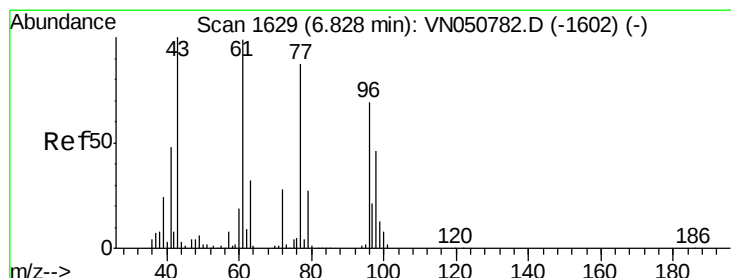
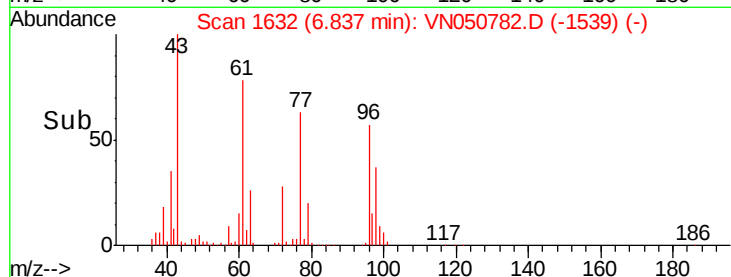
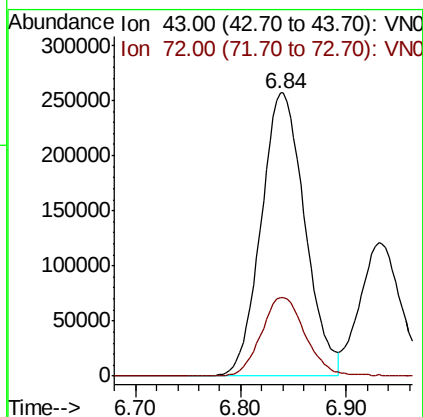
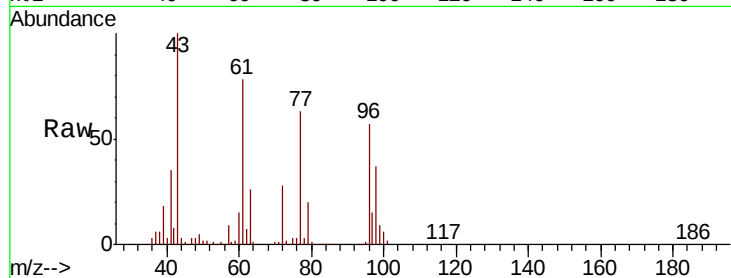
VSTDICCC050

Tot Ion: 43 Resp: 738337

Ion Ratio Lower Upper

43 100

72 27.9 22.3 33.5



#26

2,2-Dichloropropane

Concen: 48.195 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN050782.D

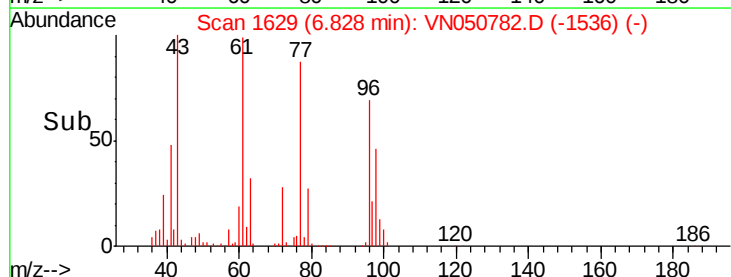
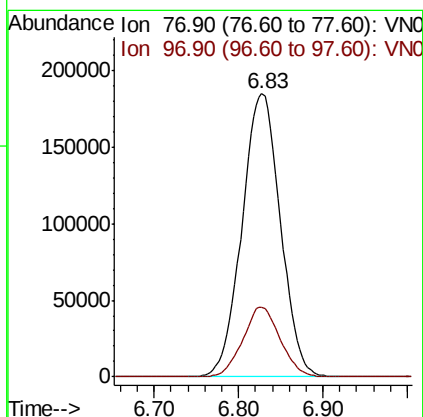
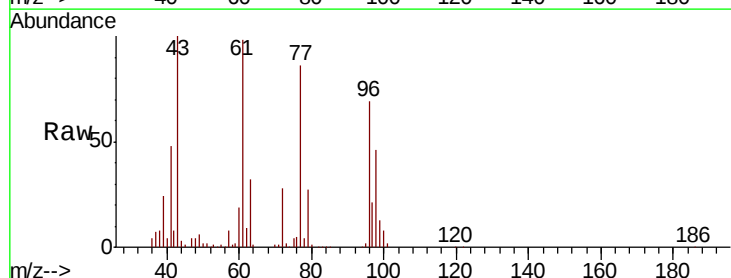
Acq: 21 Aug 2018 11:09

Tgt Ion: 77 Resp: 584811

Ion Ratio Lower Upper

77 100

97 24.0 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 49.955 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

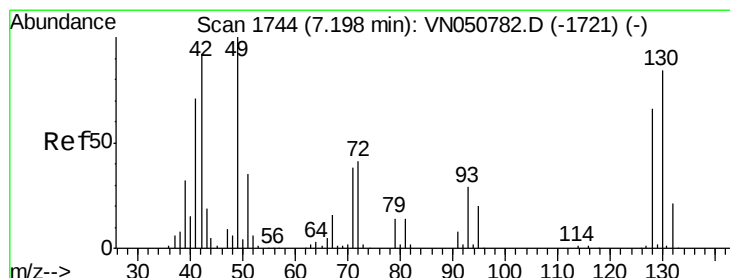
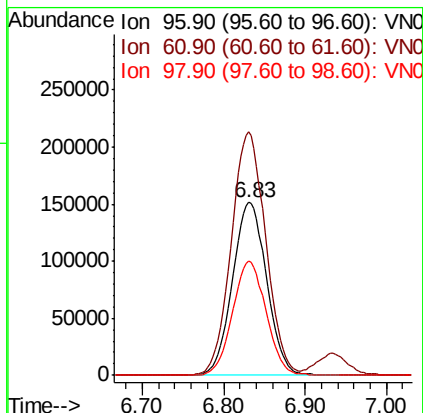
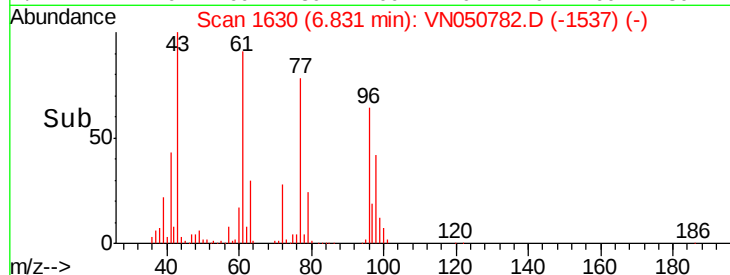
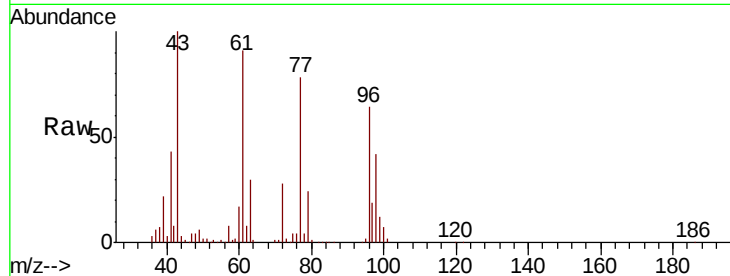
Tot Ion: 96 Resp: 441224

Ion Ratio Lower Upper

96 100

61 141.7 0.0 283.4

98 64.9 0.0 129.8



#28

Bromochloromethane

Concen: 51.371 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

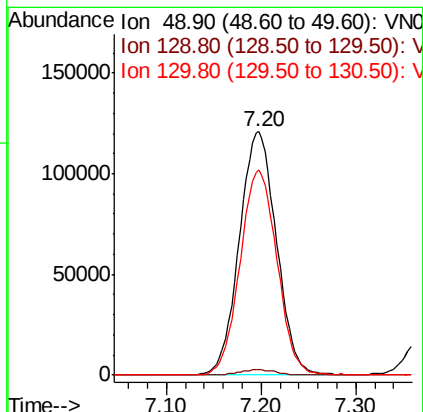
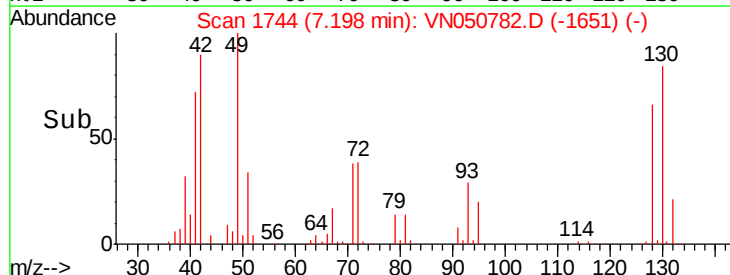
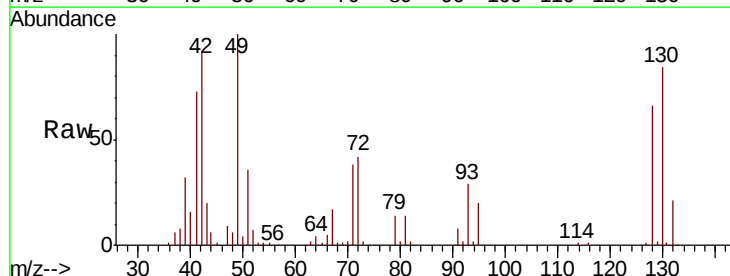
Tgt Ion: 49 Resp: 329643

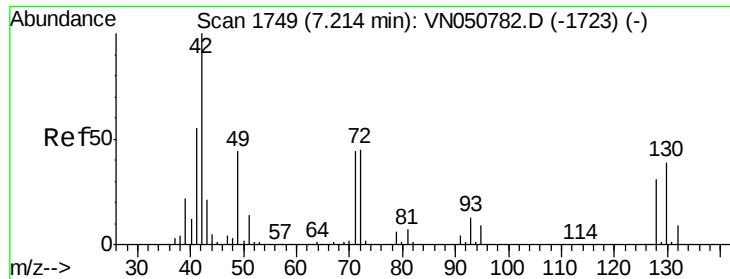
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 83.9 67.1 100.7

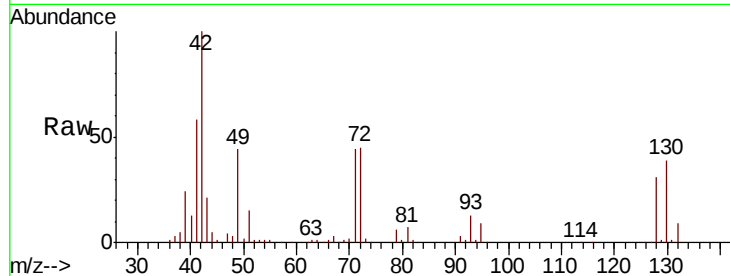




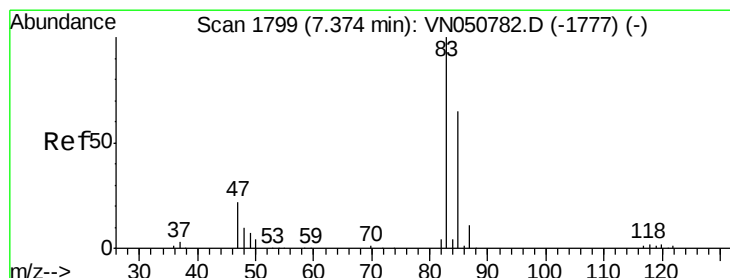
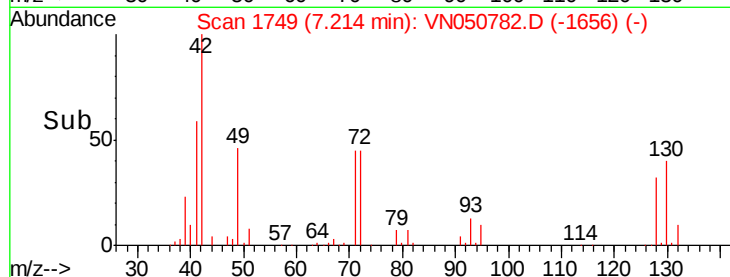
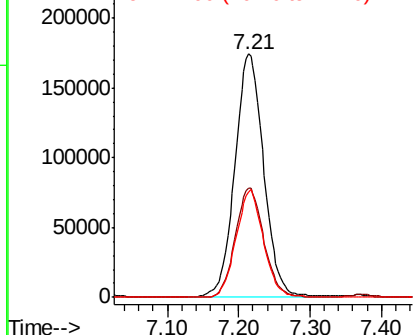
#29
Tetrahydrofuran
Concen: 261.279 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 42 Resp: 490136
Ion Ratio Lower Upper
42 100
72 44.4 35.5 53.3
71 42.1 33.7 50.5

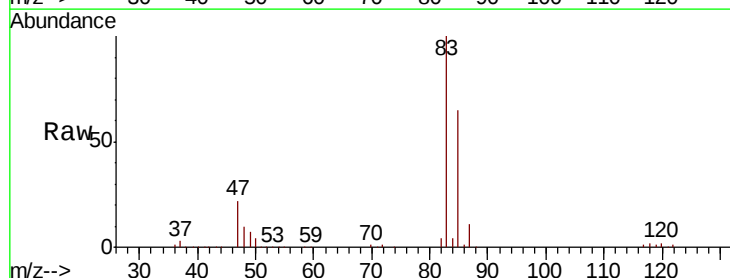


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

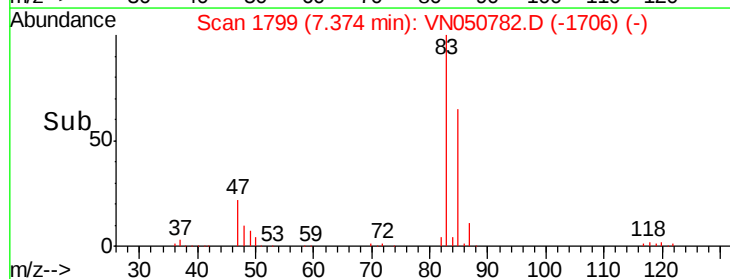
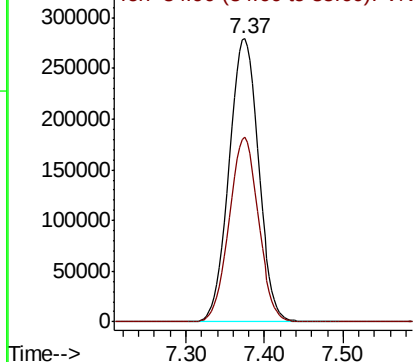


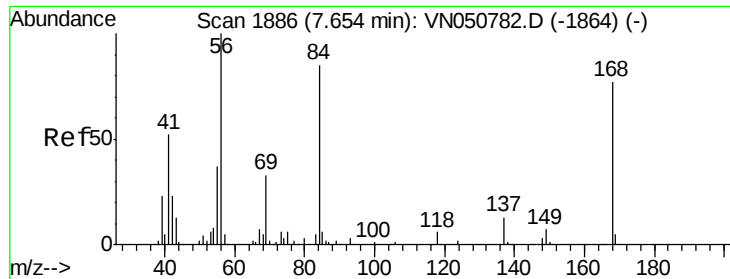
#30
Chloroform
Concen: 48.844 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

Tgt Ion: 83 Resp: 730406
Ion Ratio Lower Upper
83 100
85 65.3 52.2 78.4



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

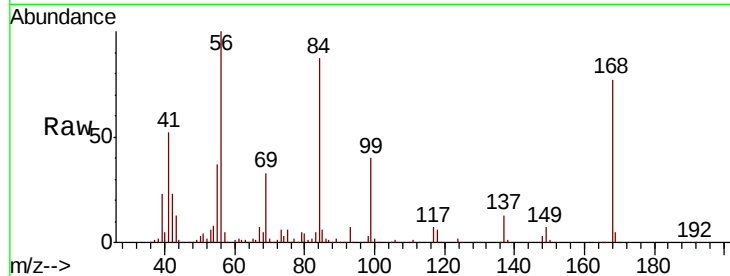




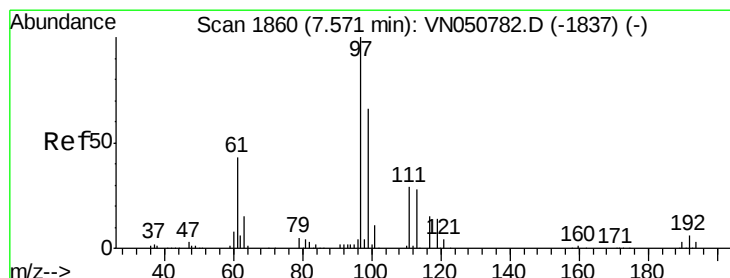
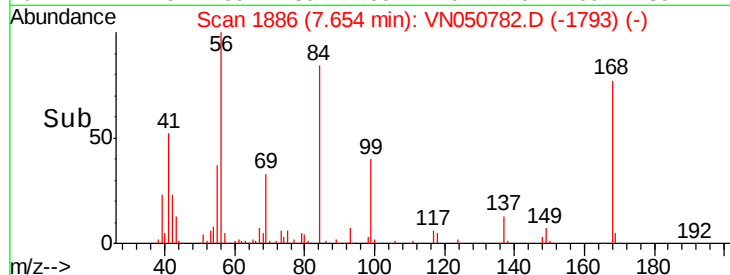
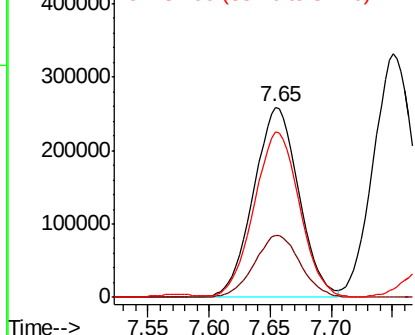
#31
Cyclohexane
Concen: 44.625 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 56 Resp: 669409
Ion Ratio Lower Upper
56 100
69 32.8 26.2 39.4
84 85.4 68.3 102.5

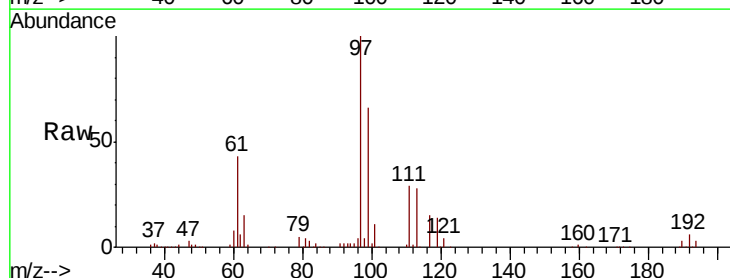


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

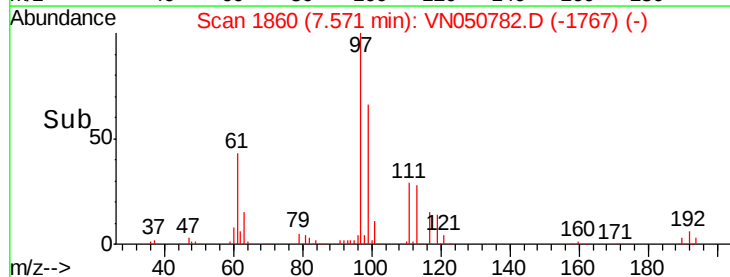
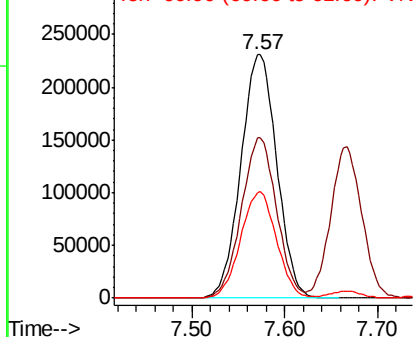


#32
1,1,1-Trichloroethane
Concen: 48.286 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

Tgt Ion: 97 Resp: 620202
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 43.6 34.9 52.3



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

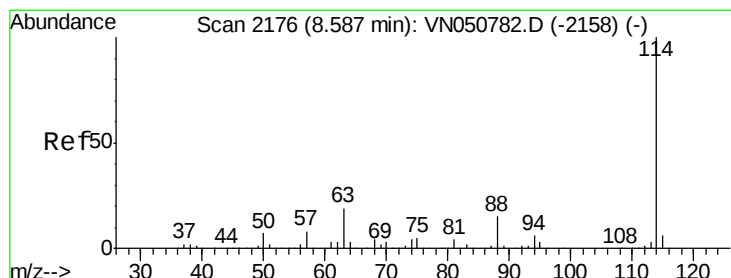
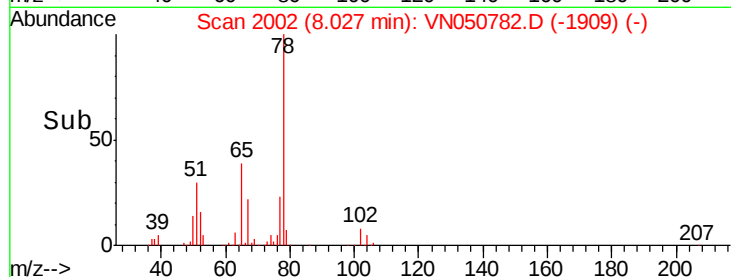
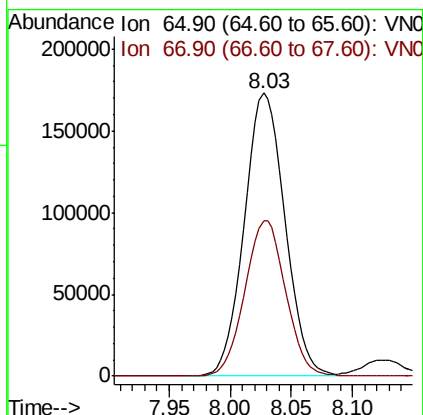
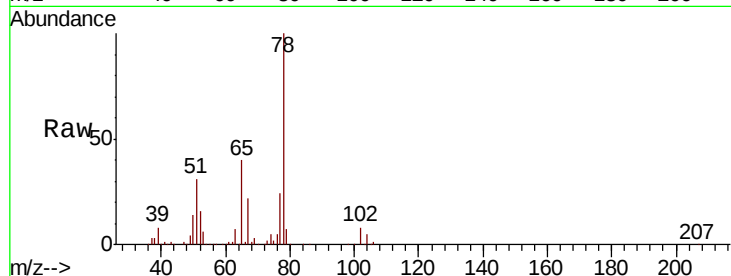




#33
 1,2-Dichloroethane-d4
 Concen: 49.234 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN050782.D
 Acq: 21 Aug 2018 11:09

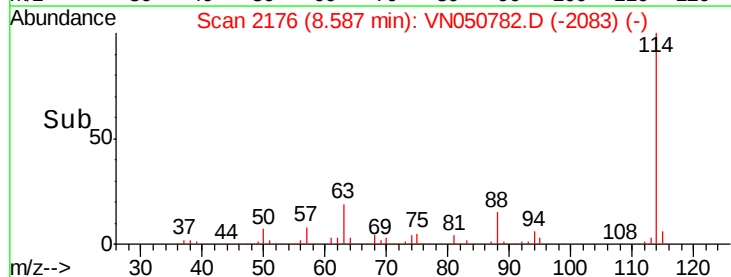
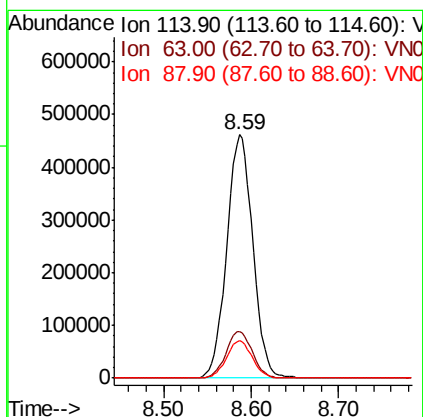
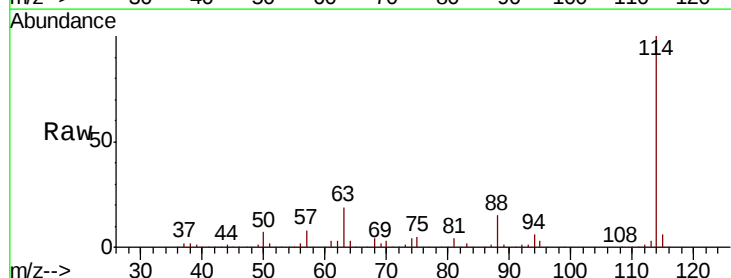
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

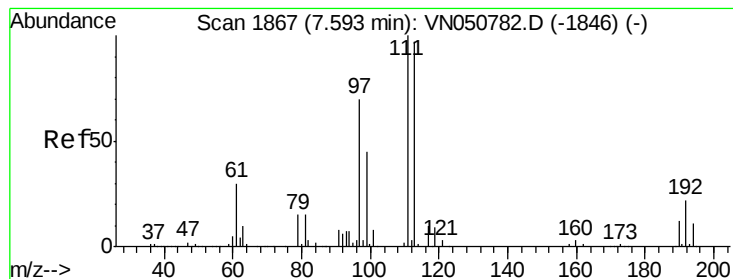
Tot Ion: 65 Resp: 399730
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050782.D
 Acq: 21 Aug 2018 11:09

Tgt Ion: 114 Resp: 955177
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.3 0.0 30.6

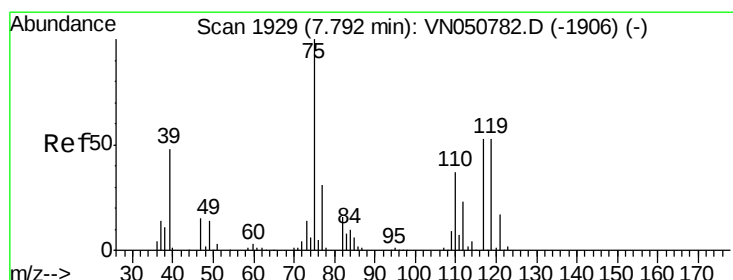
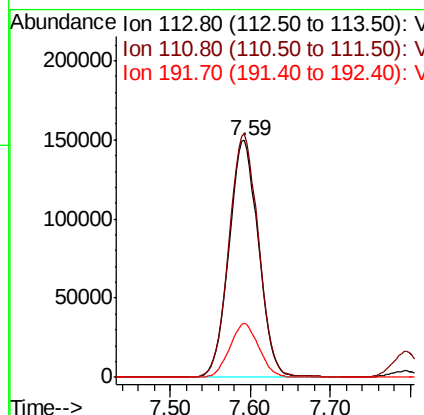
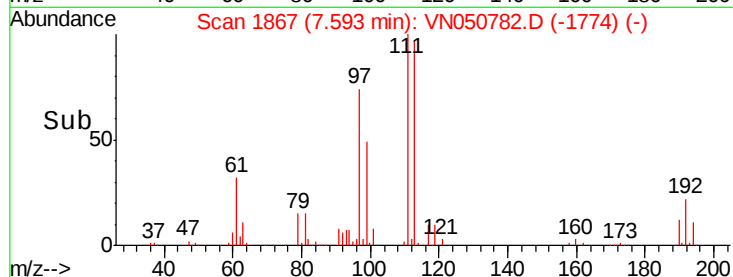
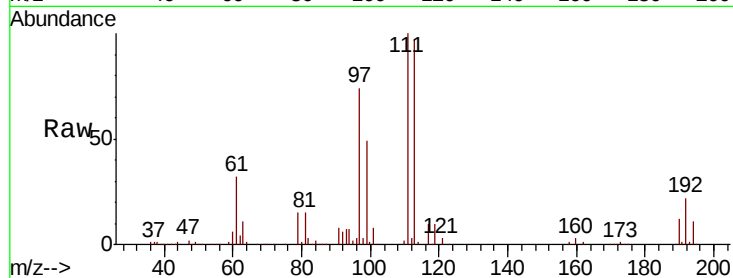




#35
 Dibromofluoromethane
 Concen: 49.341 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050782.D
 Acq: 21 Aug 2018 11:09

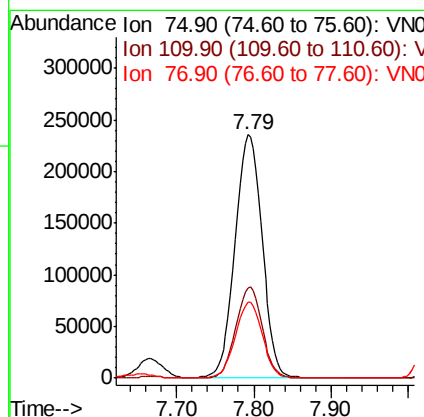
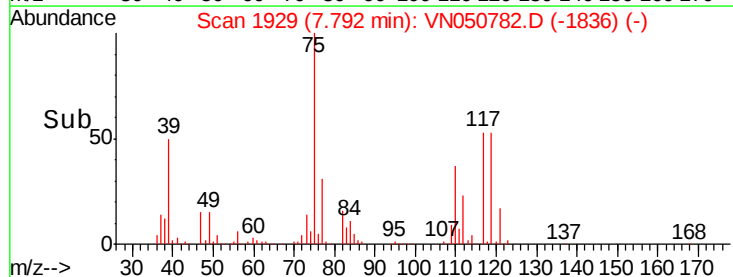
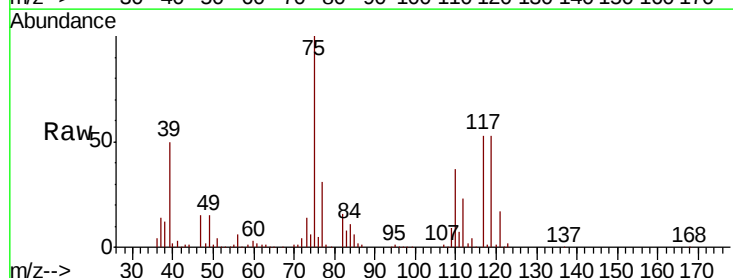
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

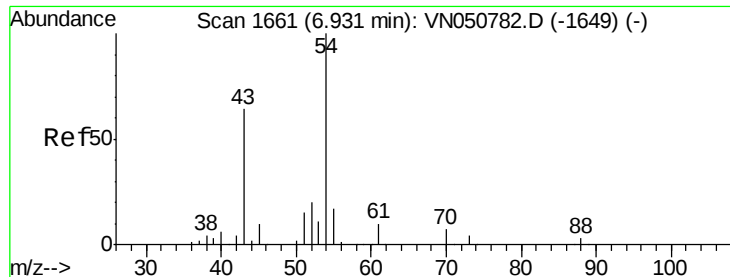
Tot Ion:113 Resp: 374940
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.6 123.8
 192 22.5 18.0 27.0



#36
 1,1-Dichloropropene
 Concen: 50.649 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN050782.D
 Acq: 21 Aug 2018 11:09

Tgt Ion: 75 Resp: 570890
 Ion Ratio Lower Upper
 75 100
 110 36.3 18.1 54.4
 77 31.0 24.8 37.2

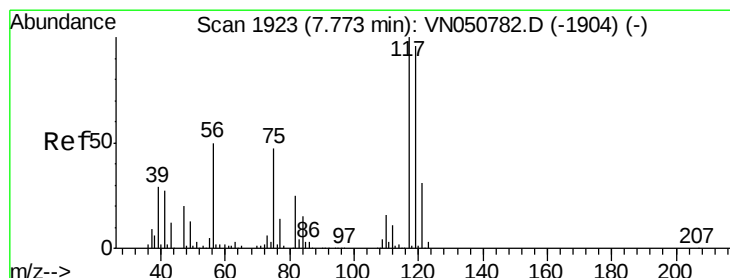
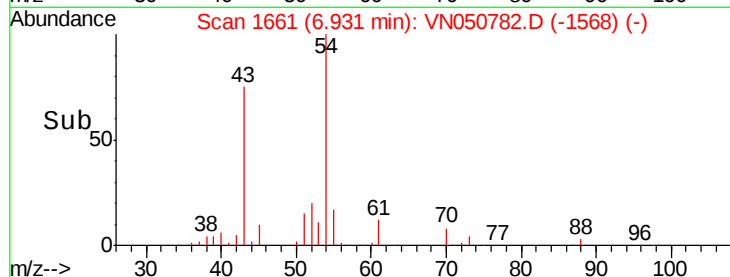
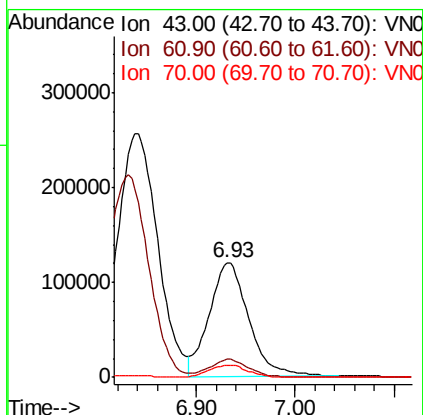
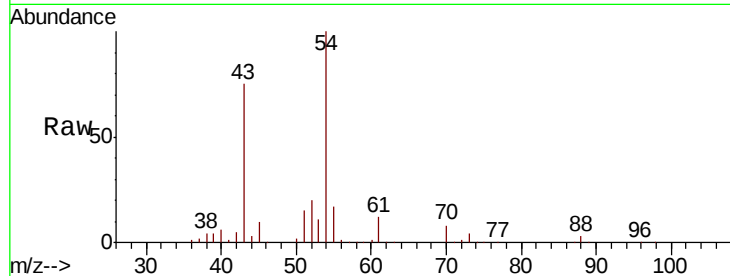




#37
Ethyl Acetate
Concen: 54.216 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

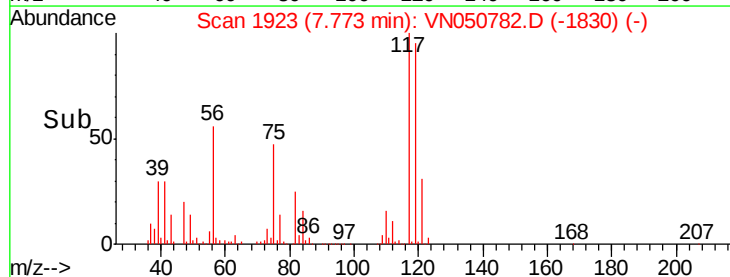
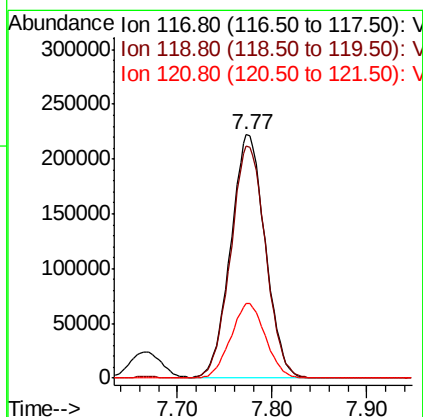
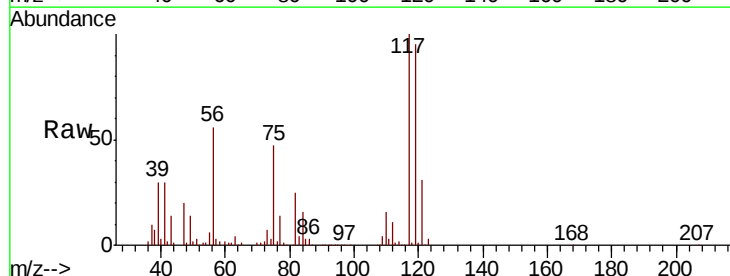
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

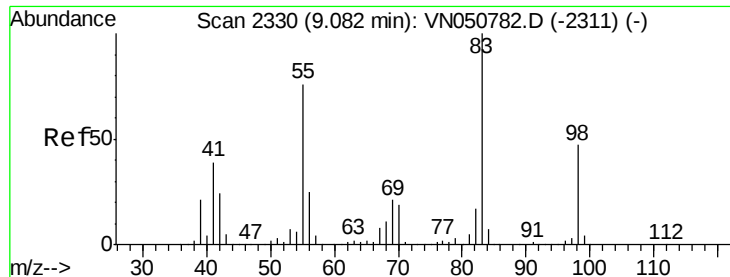
Tot Ion: 43 Resp: 336285
Ion Ratio Lower Upper
43 100
61 15.0 12.0 18.0
70 10.8 8.6 13.0



#38
Carbon Tetrachloride
Concen: 49.498 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

Tgt Ion: 117 Resp: 563951
Ion Ratio Lower Upper
117 100
119 95.4 76.3 114.5
121 30.7 24.6 36.8

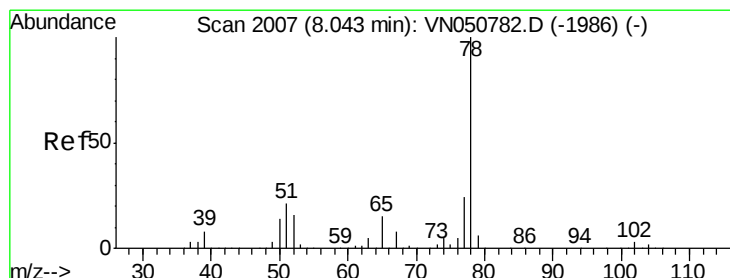
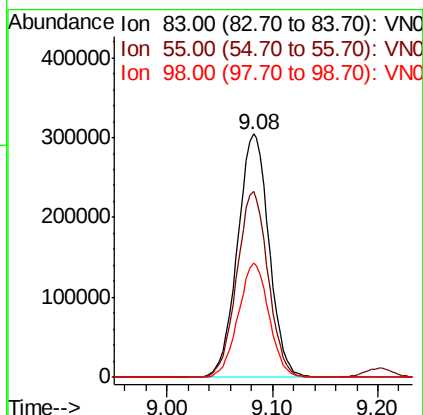
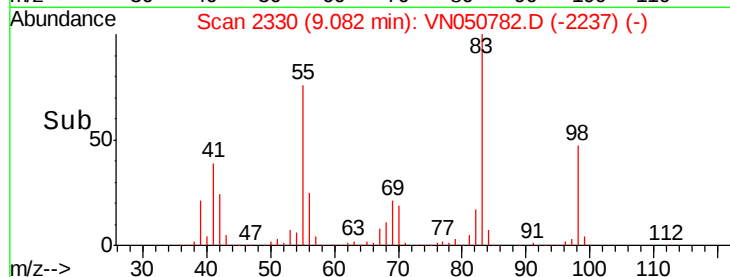
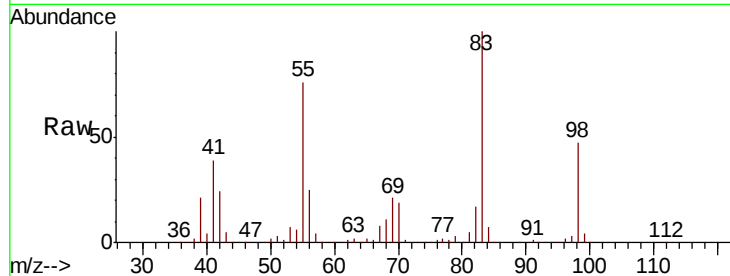




#39
Methvlcvclohexane
Concen: 51.648 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

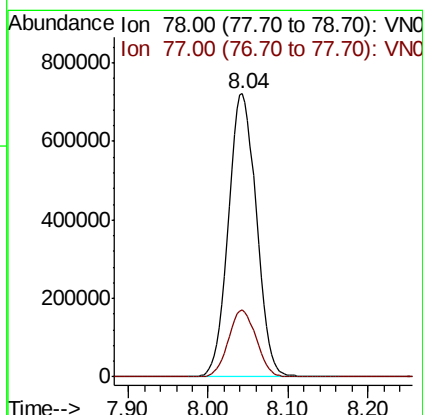
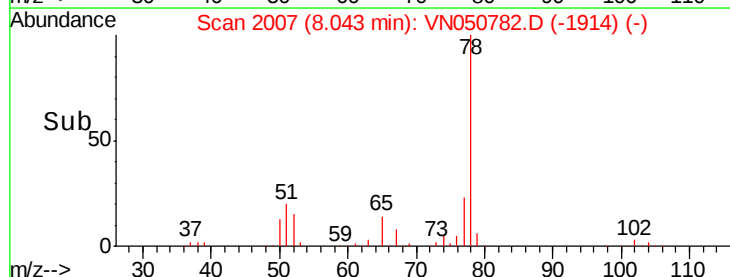
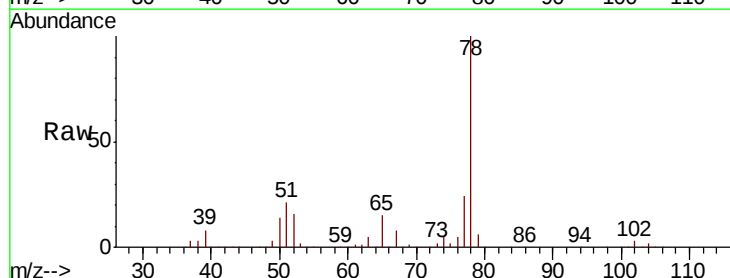
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 83 Resp: 629803
Ion Ratio Lower Upper
83 100
55 76.2 61.0 91.4
98 46.9 37.5 56.3



#40
Benzene
Concen: 50.474 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

Tgt Ion: 78 Resp: 1715540
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

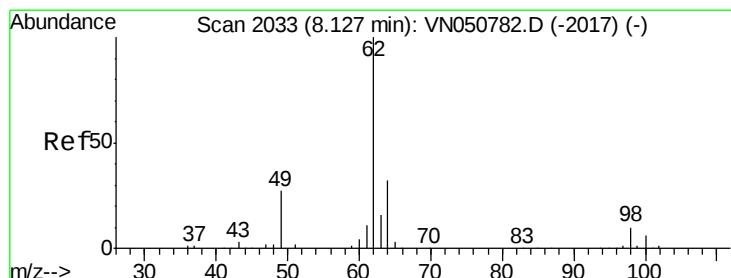
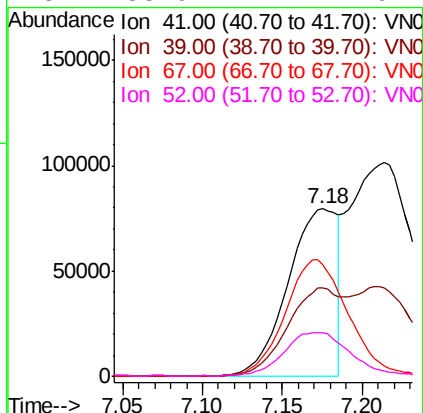
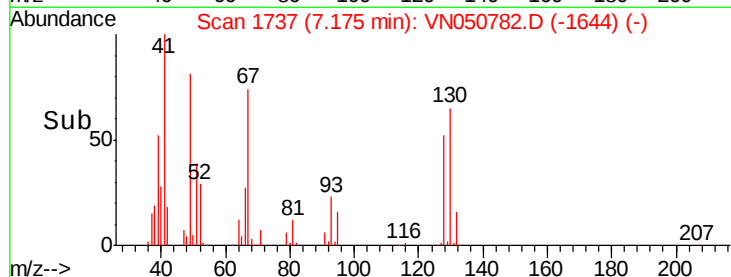
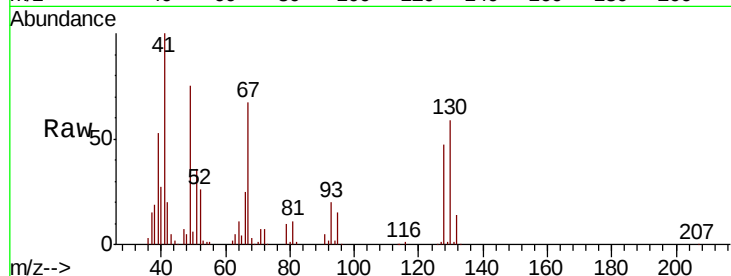




#41
Methacrylonitrile
Concen: 52.499 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

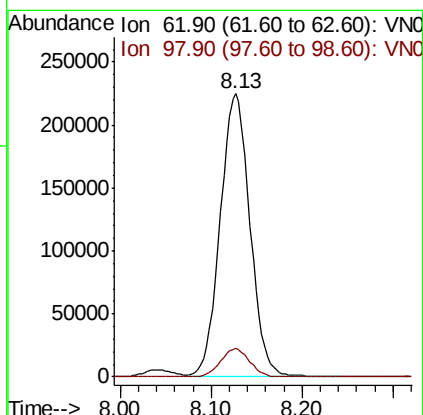
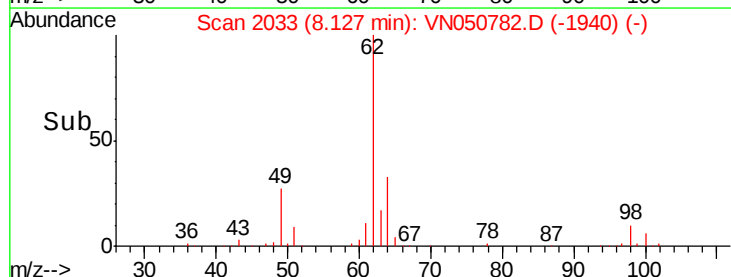
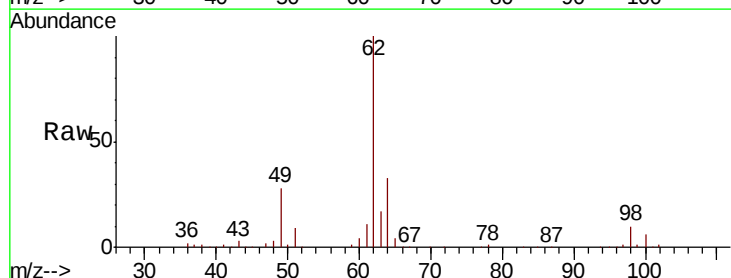
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

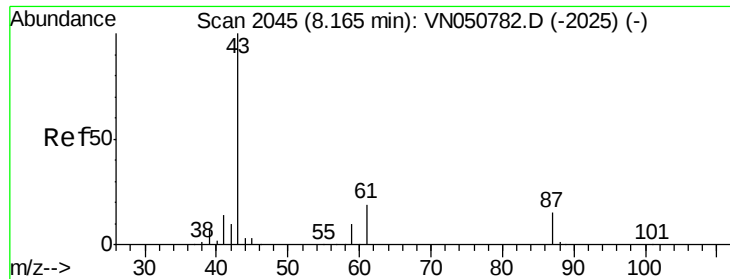
Tot Ion: 41 Resp: 172131
Ion Ratio Lower Upper
41 100
39 56.7 45.4 68.0
67 88.3 70.6 106.0
52 33.9 27.1 40.7



#42
1,2-Dichloroethane
Concen: 50.181 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

Tgt Ion: 62 Resp: 509934
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.6





#43

Isopropyl Acetate

Concen: 51.492 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

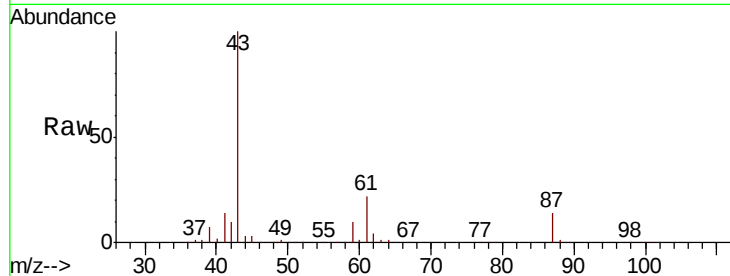
Tot Ion: 43 Resp: 573234

Ion Ratio Lower Upper

43 100

61 21.9 17.5 26.3

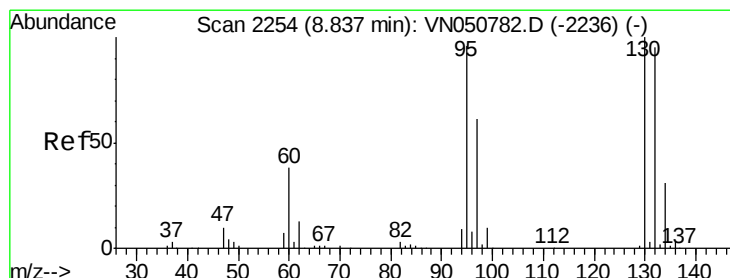
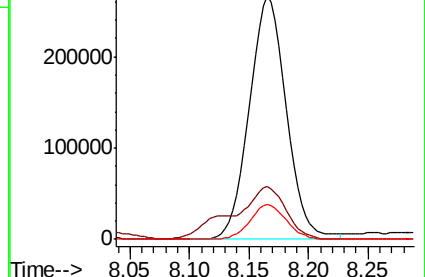
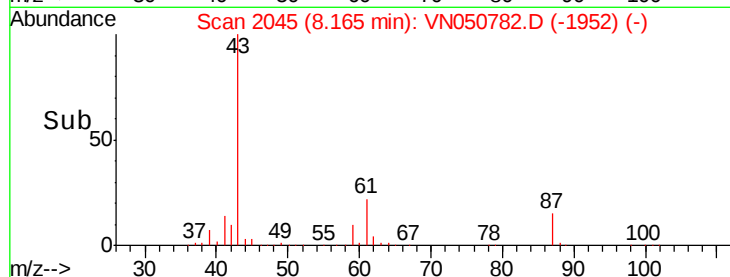
87 14.1 11.3 16.9



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

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

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



#44

Trichloroethene

Concen: 49.720 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050782.D

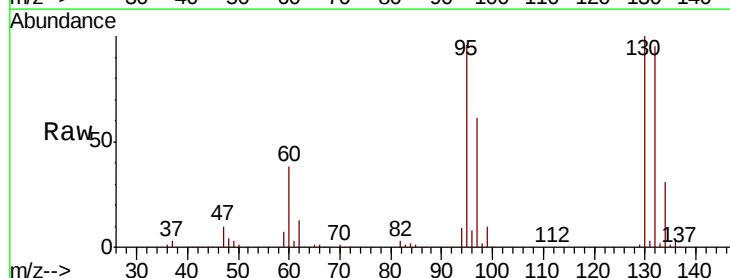
Acq: 21 Aug 2018 11:09

Tgt Ion:130 Resp: 445698

Ion Ratio Lower Upper

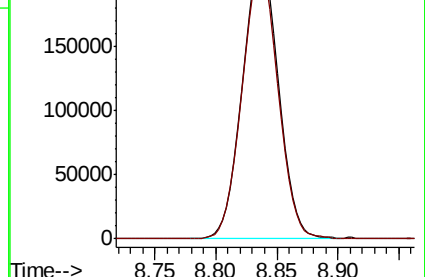
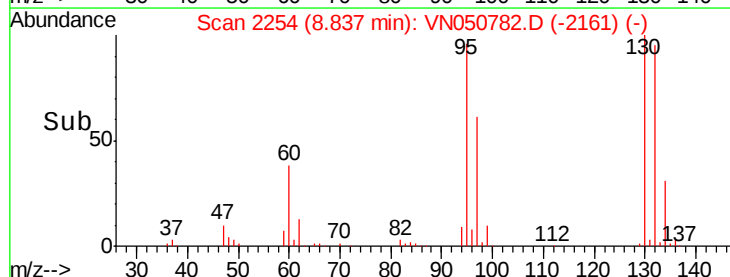
130 100

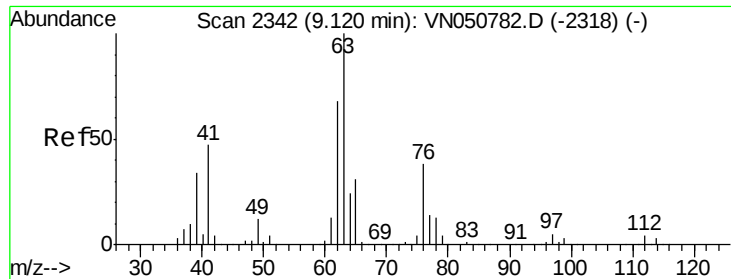
95 96.5 0.0 193.0



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

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

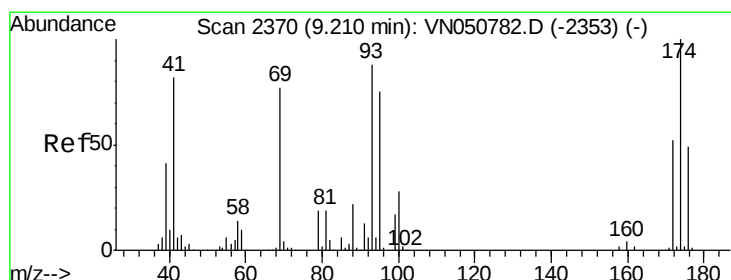
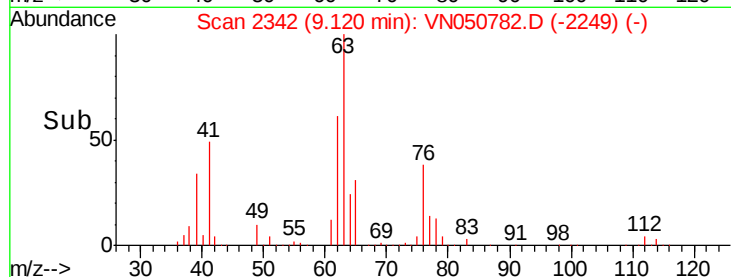
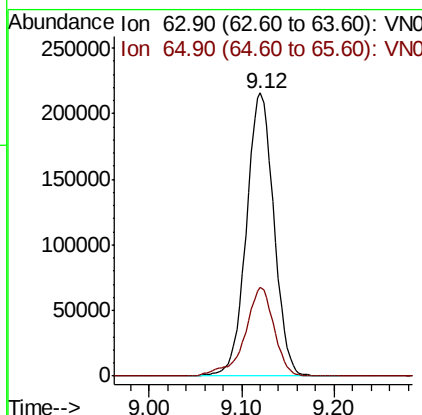
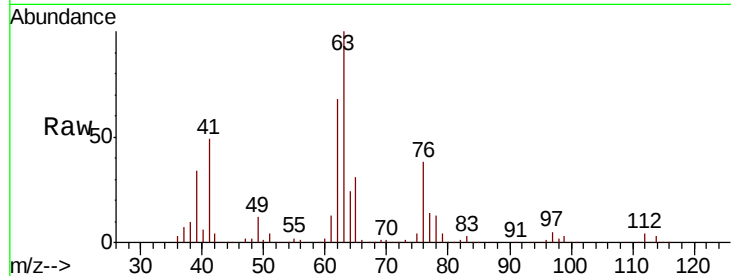




#45
 1,2-Dichloropropane
 Concen: 49.688 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN050782.D
 Acq: 21 Aug 2018 11:09

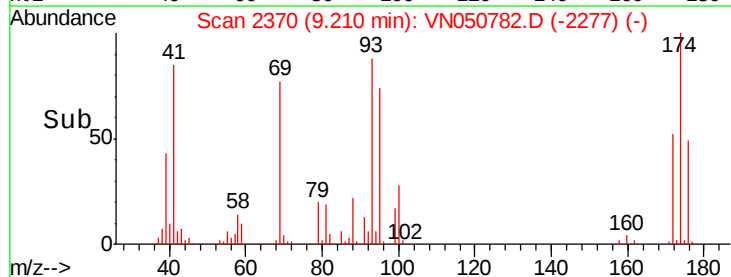
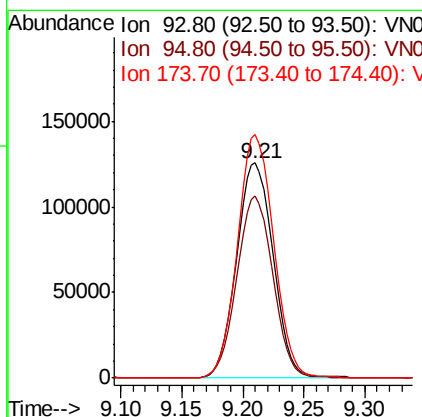
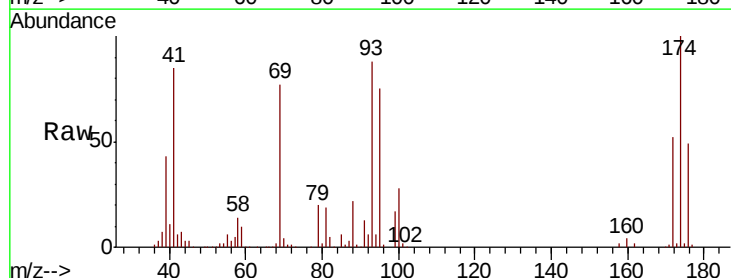
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 443865
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6



#46
 Dibromomethane
 Concen: 49.864 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN050782.D
 Acq: 21 Aug 2018 11:09

Tgt Ion: 93 Resp: 261725
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.7 100.1
 174 112.2 89.8 134.6





#47

Bromodichloromethane

Concen: 50.390 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

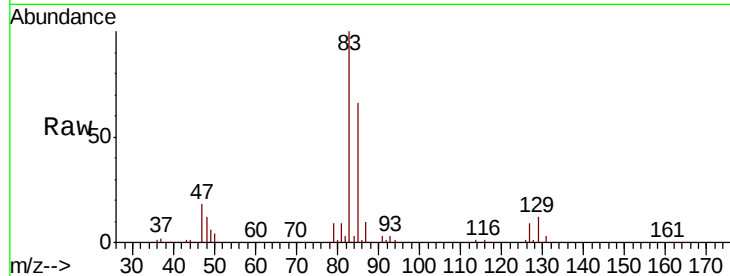
Tot Ion: 83 Resp: 553969

Ion Ratio Lower Upper

83 100

85 65.7 52.6 78.8

127 9.0 7.2 10.8

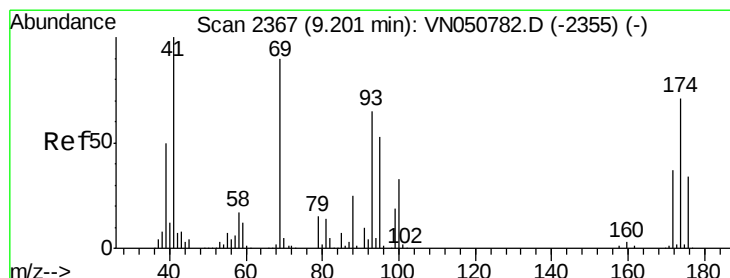
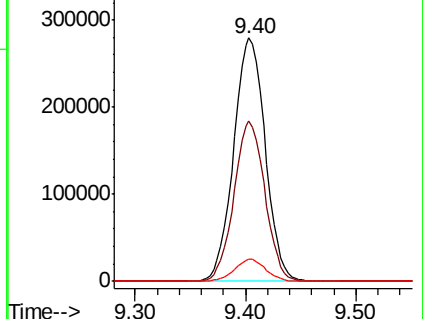
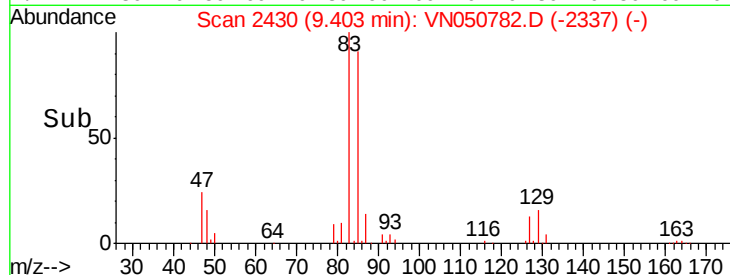


Abundance Ion 82.90 (82.60 to 83.60): VN050782.D (-2413) (-)

Ion 84.90 (84.60 to 85.60): VN050782.D (-2413) (-)

Ion 126.80 (126.50 to 127.50): VN050782.D (-2413) (-)

Time-->



#48

Methyl methacrylate

Concen: 52.211 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

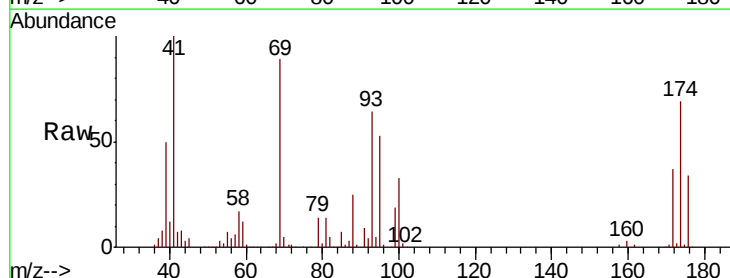
Tgt Ion: 41 Resp: 296223

Ion Ratio Lower Upper

41 100

69 93.4 74.7 112.1

39 52.7 42.2 63.2

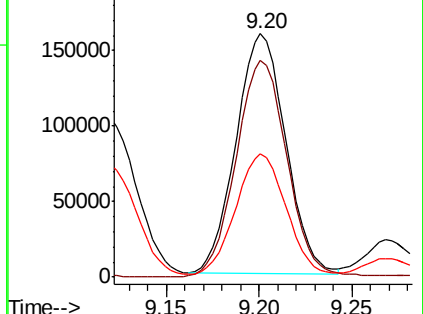
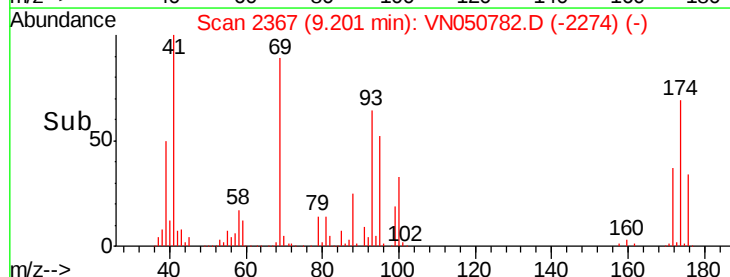


Abundance Ion 41.00 (40.70 to 41.70): VN050782.D (-2355) (-)

Ion 69.00 (68.70 to 69.70): VN050782.D (-2355) (-)

Ion 39.00 (38.70 to 39.70): VN050782.D (-2355) (-)

Time-->





#49

1,4-Dioxane

Concen: 1068.226 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

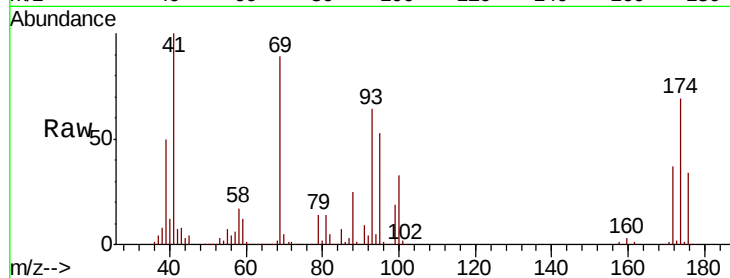
Tot Ion: 88 Resp: 82620

Ion Ratio Lower Upper

88 100

43 32.4 25.9 38.9

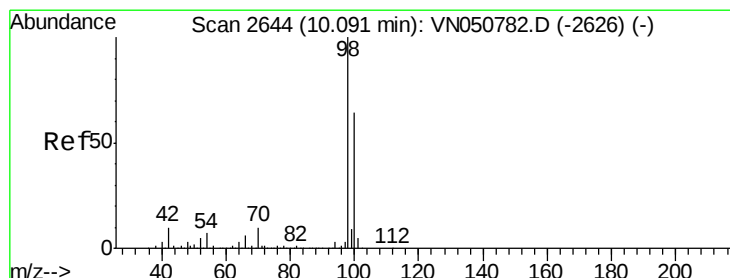
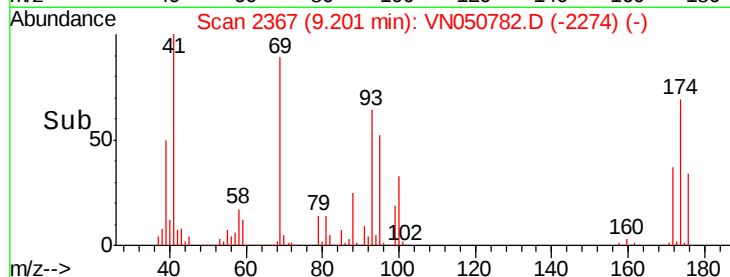
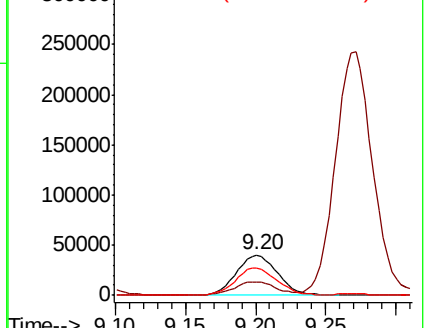
58 68.7 55.0 82.4



Abundance Ion 88.00 (87.70 to 88.70): VN050782.D (-2352) (-)

Ion 43.00 (42.70 to 43.70): VN050782.D (-2352) (-)

Ion 58.00 (57.70 to 58.70): VN050782.D (-2352) (-)



#50

Toluene-d8

Concen: 50.641 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050782.D

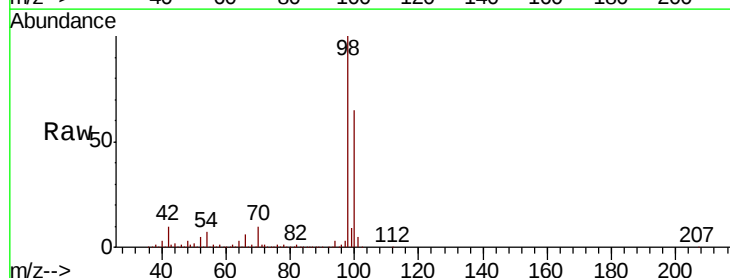
Acq: 21 Aug 2018 11:09

Tgt Ion: 98 Resp: 1438743

Ion Ratio Lower Upper

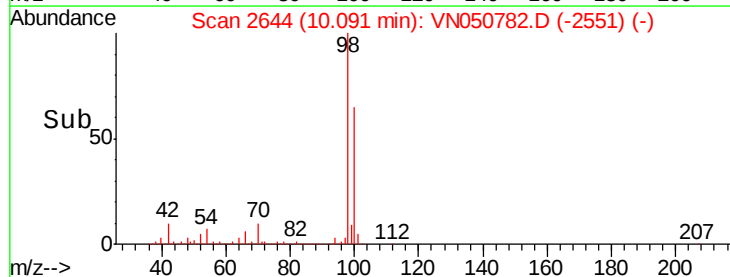
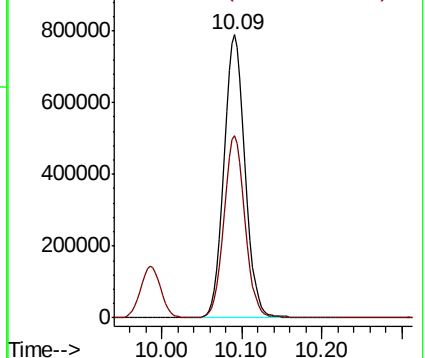
98 100

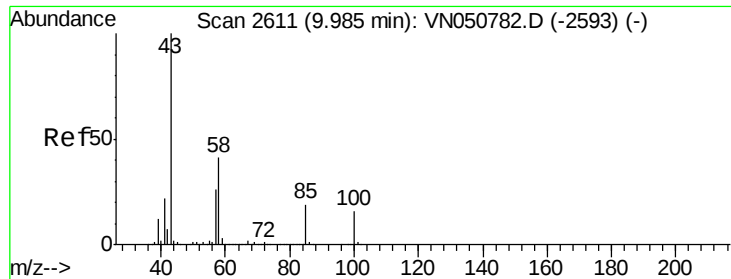
100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN050782.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN050782.D (-2626) (-)

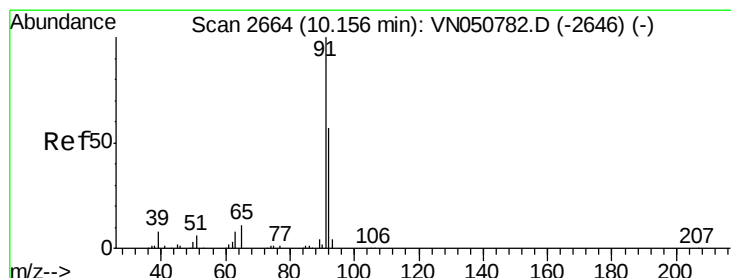
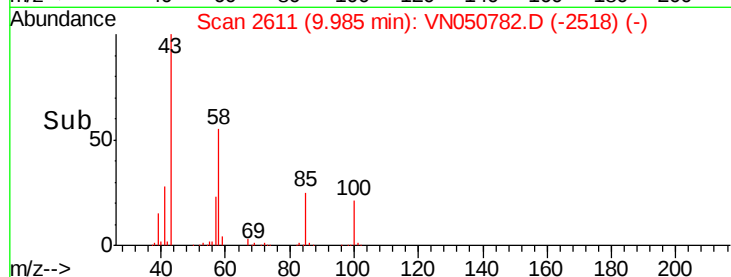
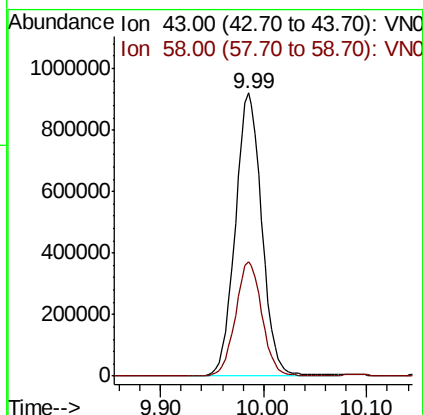
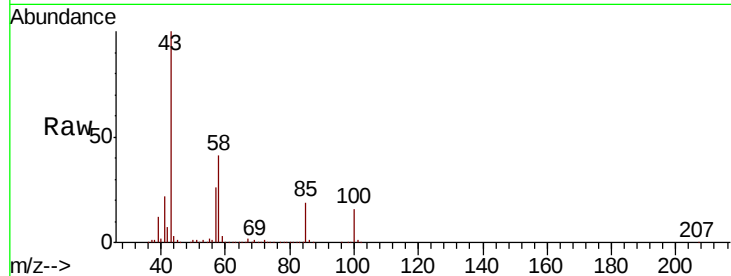




#51
 4-Methyl-2-Pentanone
 Concen: 247.783 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. 0.00 min
 Lab File: VN050782.D
 Acq: 21 Aug 2018 11:09

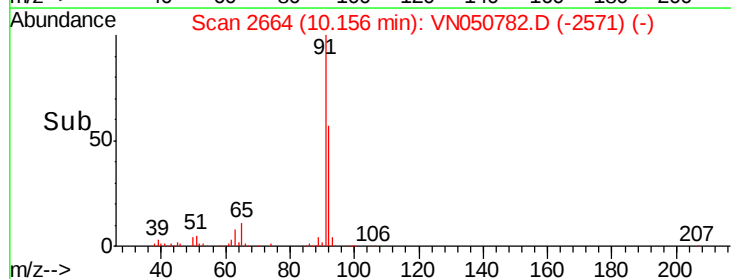
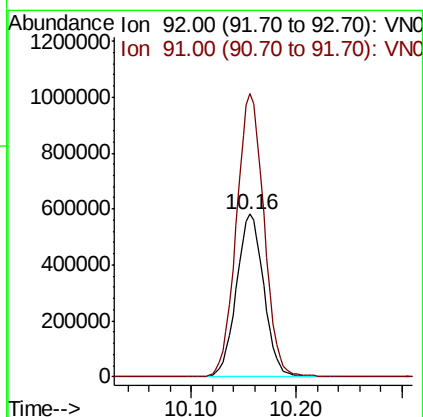
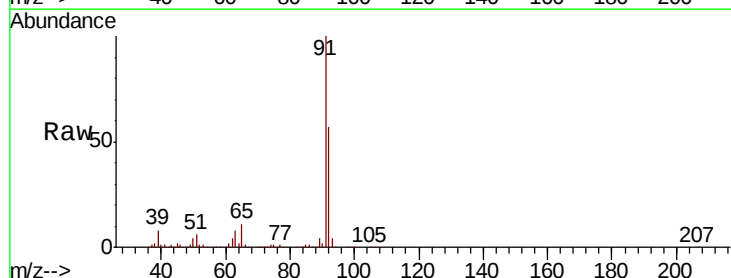
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

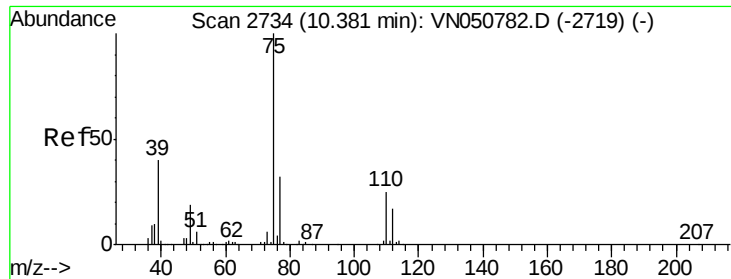
Tot Ion: 43 Resp: 1646101
 Ion Ratio Lower Upper
 43 100
 58 40.5 32.4 48.6



#52
 Toluene
 Concen: 51.919 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. 0.00 min
 Lab File: VN050782.D
 Acq: 21 Aug 2018 11:09

Tgt Ion: 92 Resp: 1045381
 Ion Ratio Lower Upper
 92 100
 91 175.8 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 51.180 ug/l

RT: 10.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

MSVOA_N

ClientSampleId :

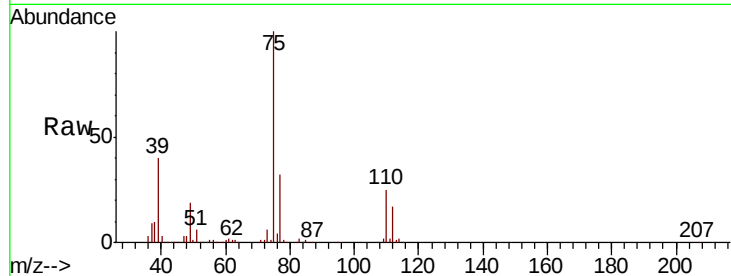
VSTDICCC050

Tot Ion: 75 Resp: 560042

Ion Ratio Lower Upper

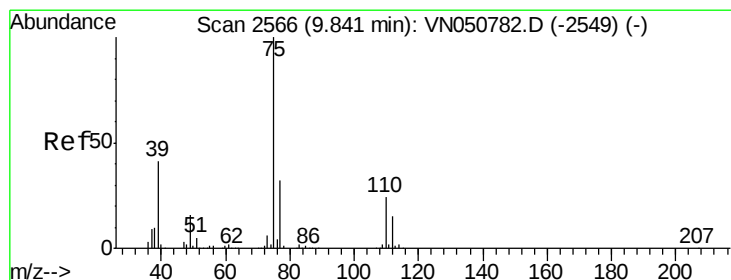
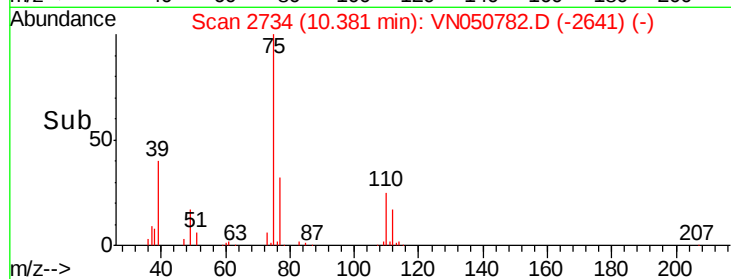
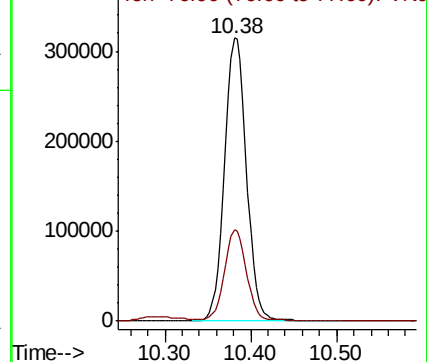
75 100

77 32.1 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 51.723 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

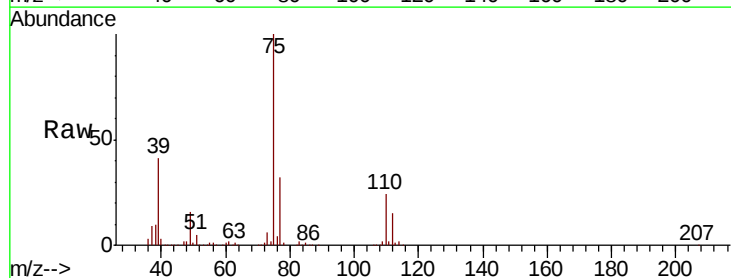
Tgt Ion: 75 Resp: 648116

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

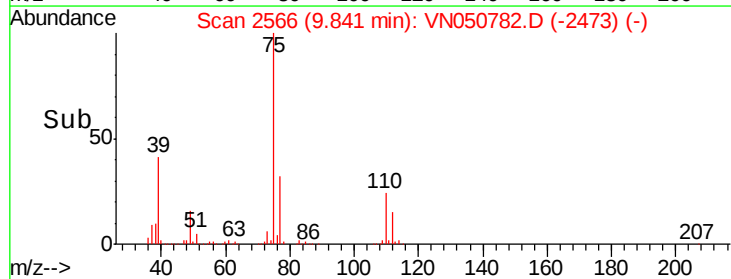
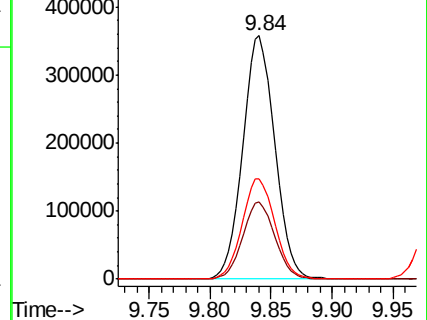
39 41.2 33.0 49.4

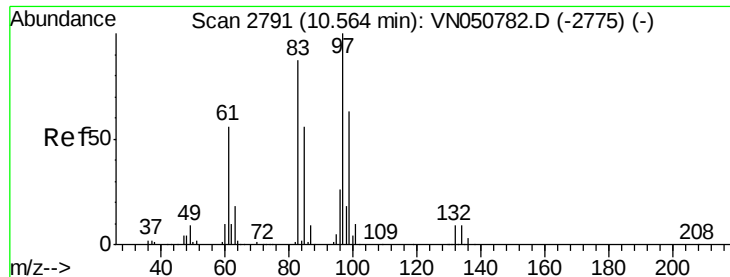


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 49.667 ug/l

RT: 10.56 min Scan# 2791

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 97 Resp: 371166

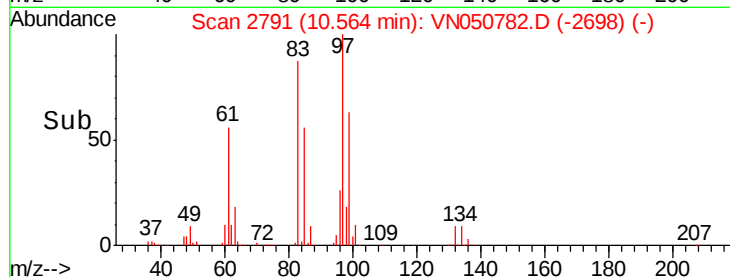
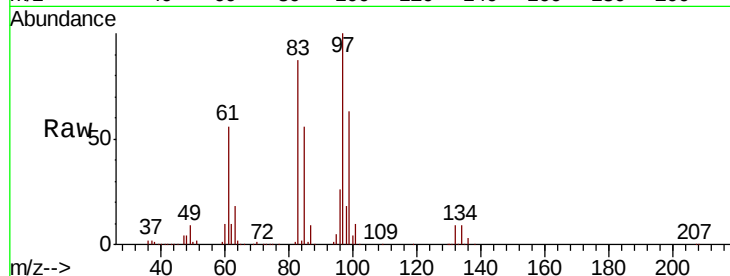
Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.7	104.5
85	55.6	44.5	66.7
99	63.4	50.7	76.1

97 100

83 87.1 69.7 104.5

85 55.6 44.5 66.7

99 63.4 50.7 76.1



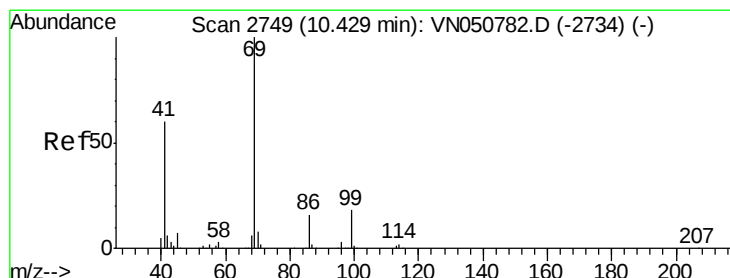
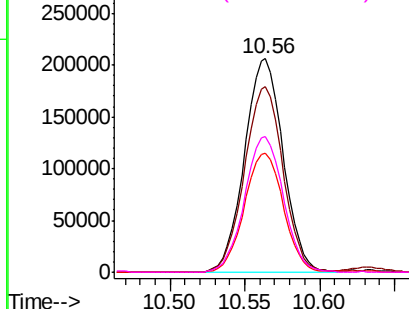
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 54.512 ug/l

RT: 10.43 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

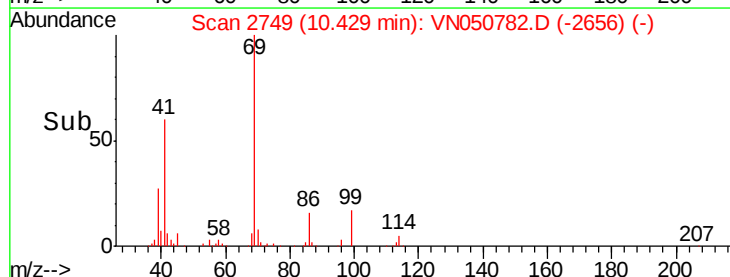
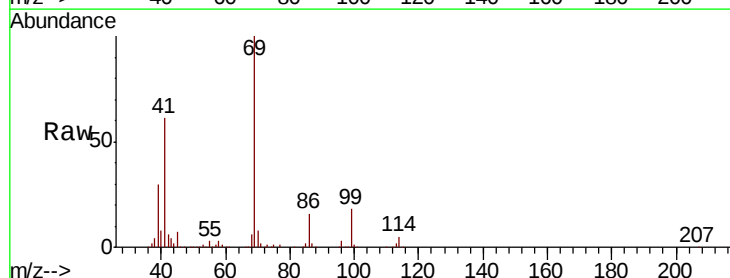
Tgt Ion: 69 Resp: 462022

Ion	Ratio	Lower	Upper
69	100		
41	60.4	48.3	72.5
39	30.0	24.0	36.0

69 100

41 60.4 48.3 72.5

39 30.0 24.0 36.0

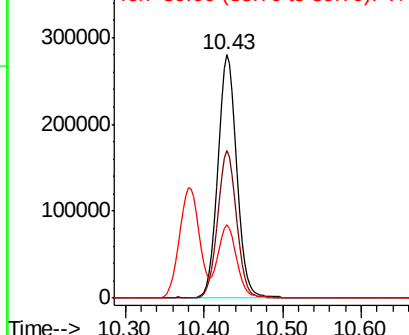


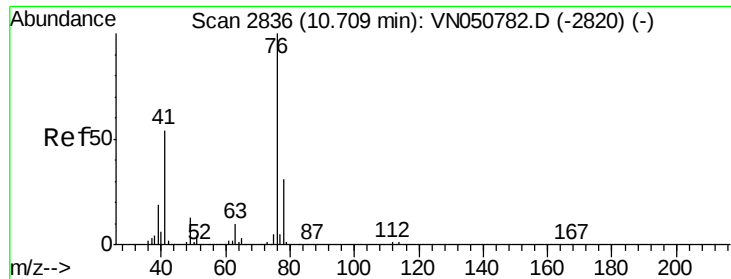
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 50.883 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

MSVOA_N

ClientSampled :

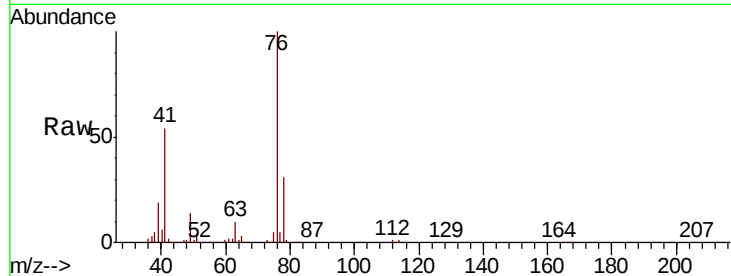
VSTDICCC050

Tot Ion: 76 Resp: 627646

Ion Ratio Lower Upper

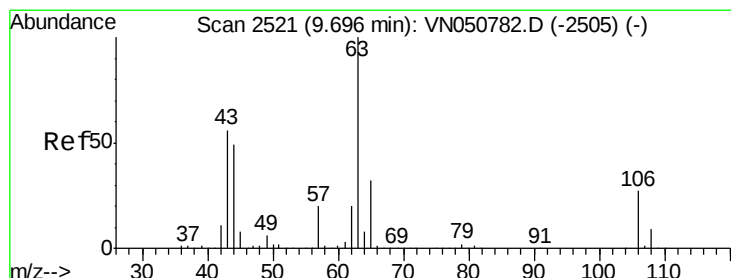
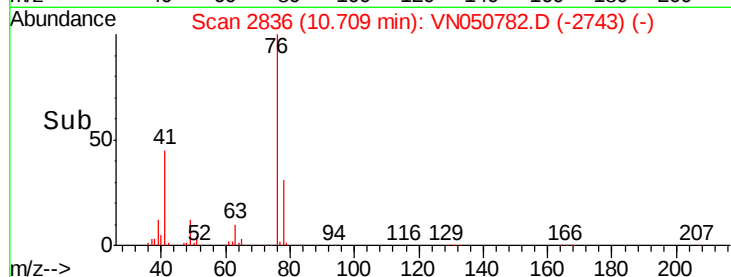
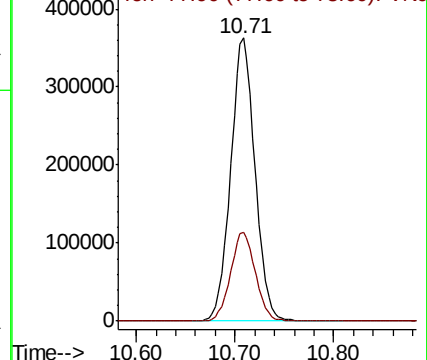
76 100

78 31.9 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 277.660 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN050782.D

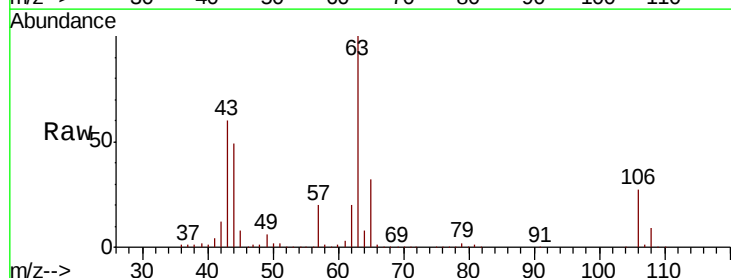
Acq: 21 Aug 2018 11:09

Tgt Ion: 63 Resp: 1004856

Ion Ratio Lower Upper

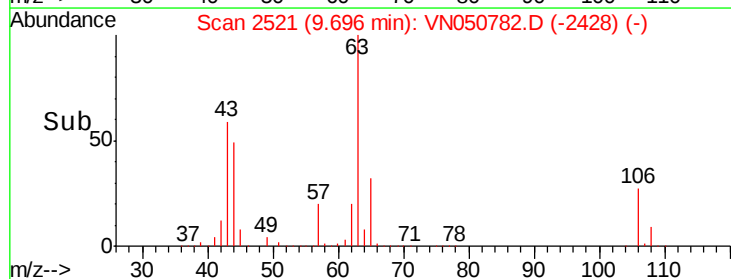
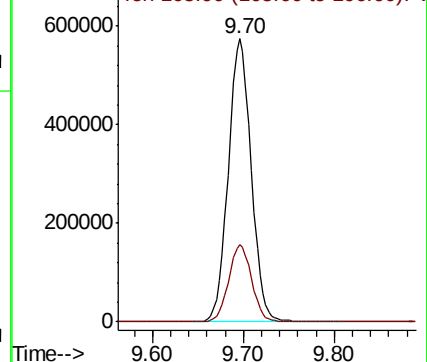
63 100

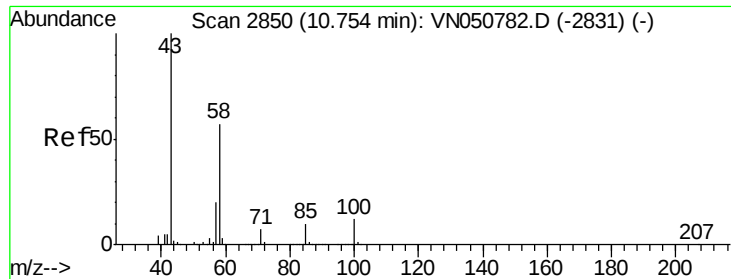
106 27.4 21.9 32.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

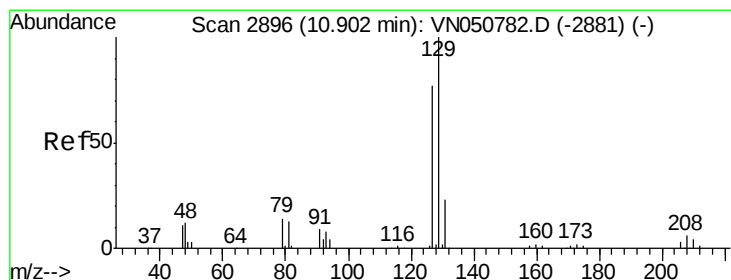
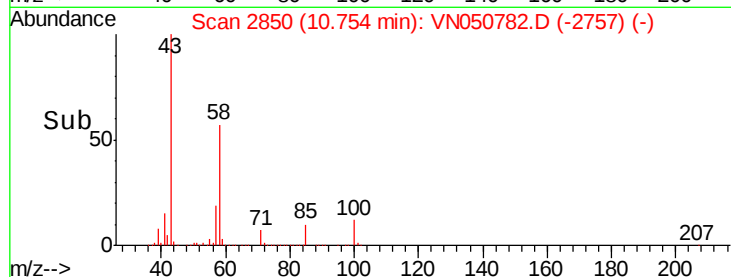
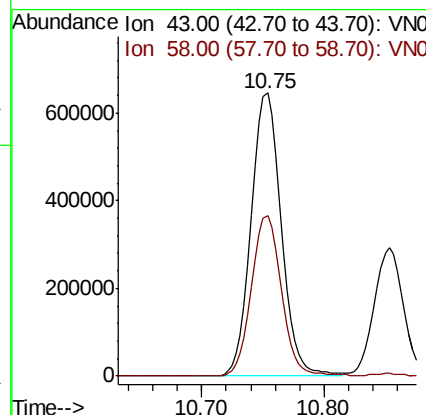
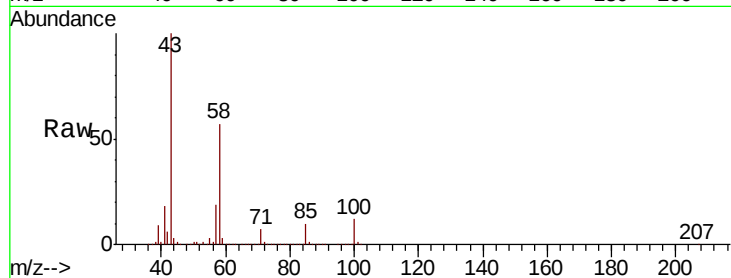




#59
2-Hexanone
Concen: 247.762 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

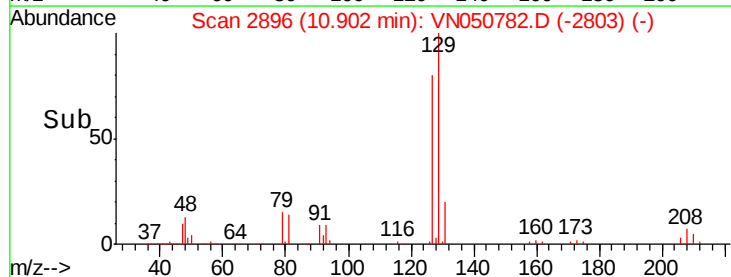
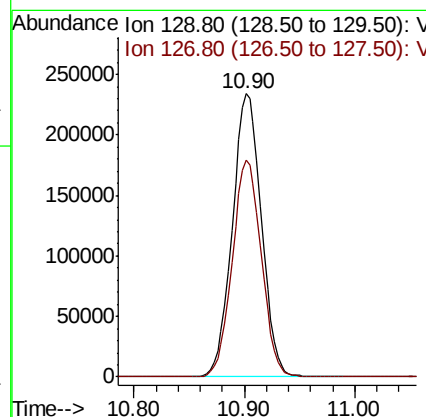
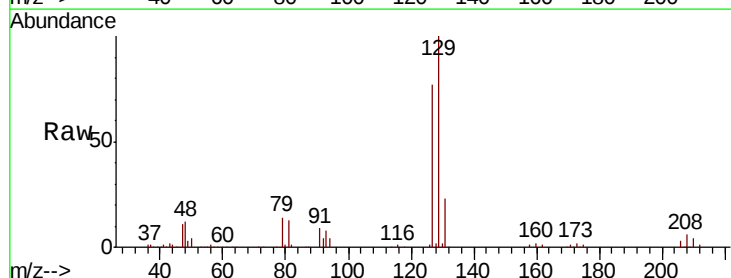
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

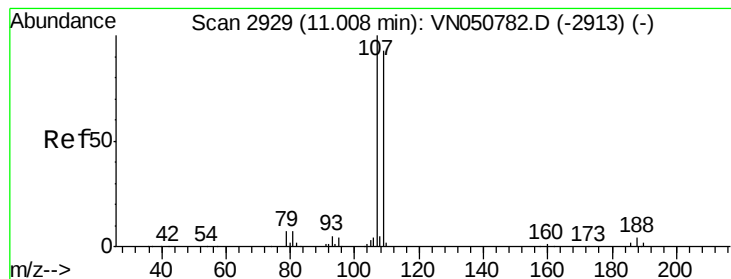
Tot Ion: 43 Resp: 1095753
Ion Ratio Lower Upper
43 100
58 56.7 28.3 85.0



#60
Dibromochloromethane
Concen: 51.064 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

Tgt Ion: 129 Resp: 427269
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9





#61

1,2-Dibromoethane

Concen: 51.205 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

MSVOA_N

ClientSampleId :

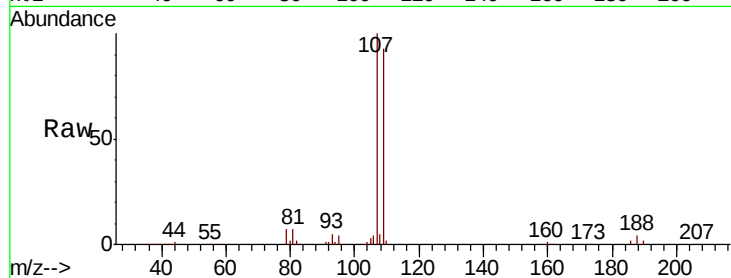
VSTDICCC050

Tot Ion:107 Resp: 370025

Ion Ratio Lower Upper

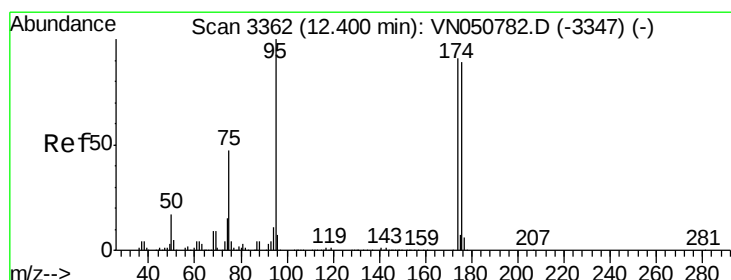
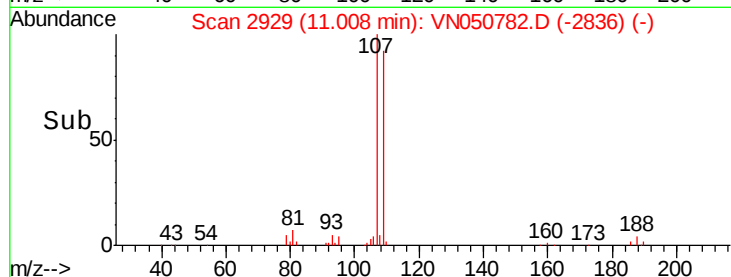
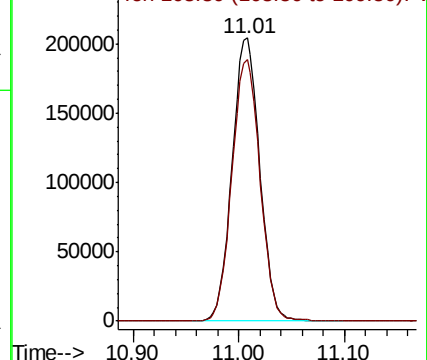
107 100

109 94.3 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.519 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

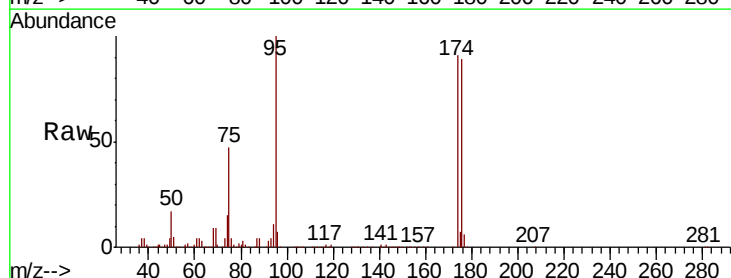
Tgt Ion: 95 Resp: 476945

Ion Ratio Lower Upper

95 100

174 91.5 0.0 183.0

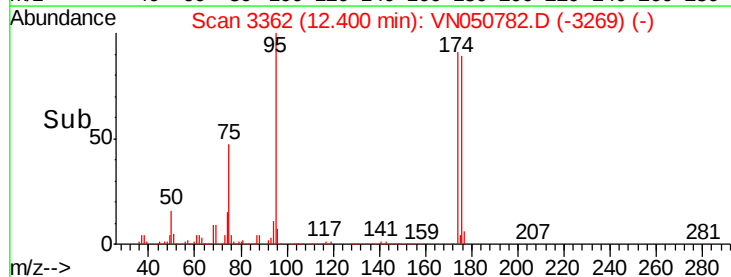
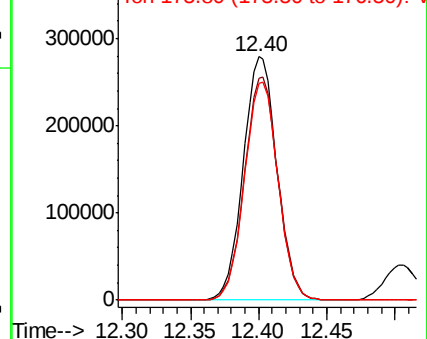
176 89.4 0.0 178.8

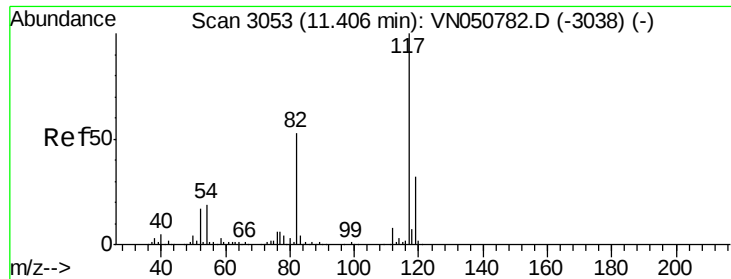


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

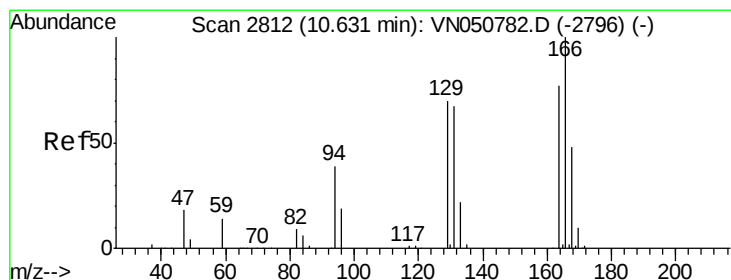
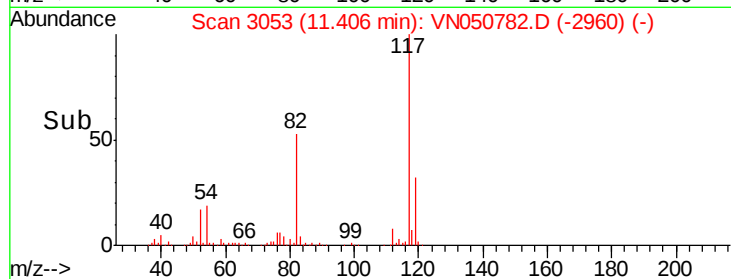
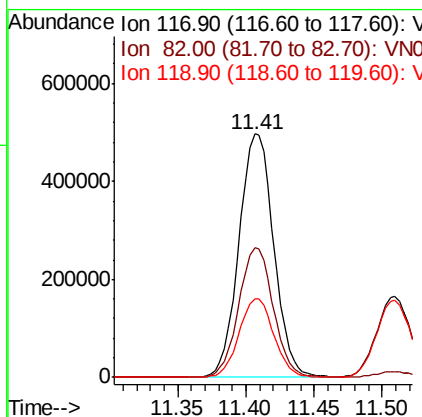
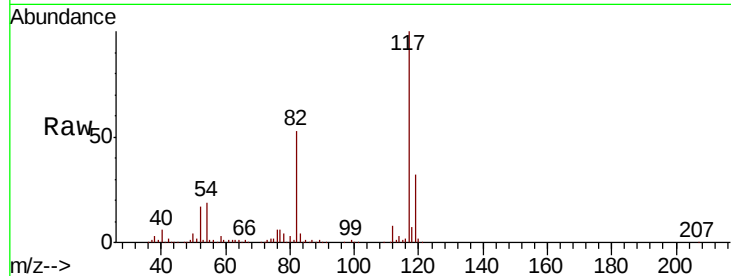




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

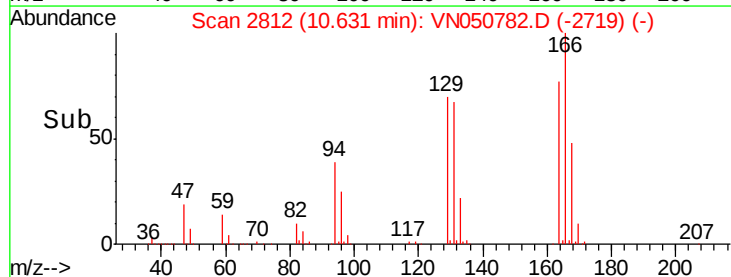
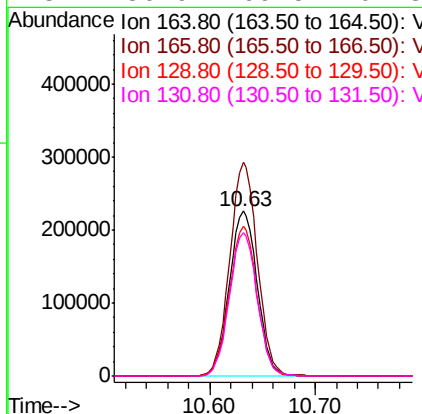
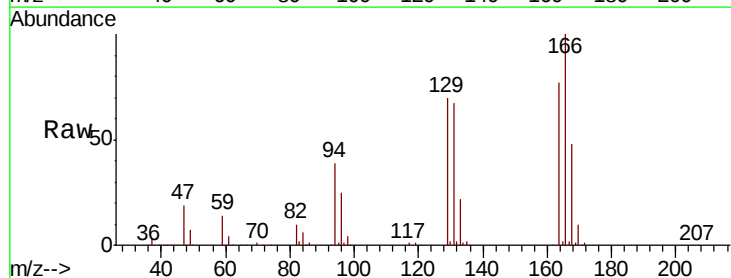
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

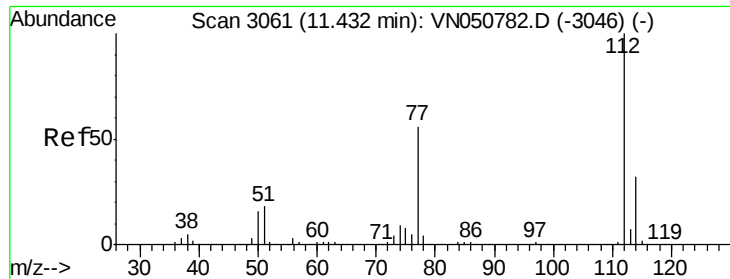
Tot Ion:117 Resp: 882204
Ion Ratio Lower Upper
117 100
82 53.3 42.6 64.0
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 49.212 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

Tgt Ion:164 Resp: 412368
Ion Ratio Lower Upper
164 100
166 129.4 103.5 155.3
129 90.9 72.7 109.1
131 86.9 69.5 104.3

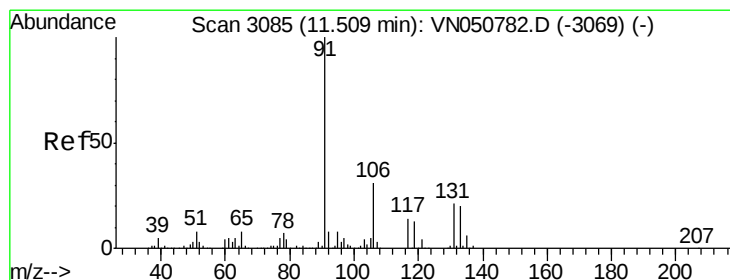
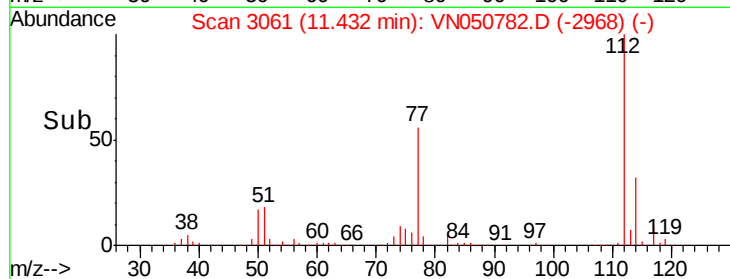
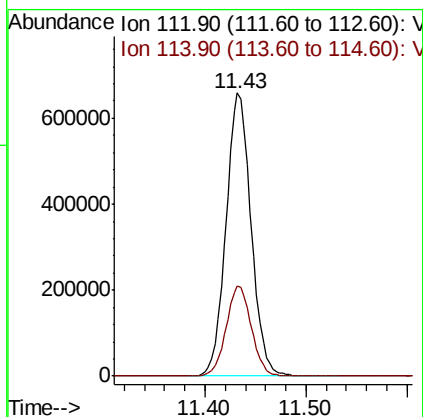
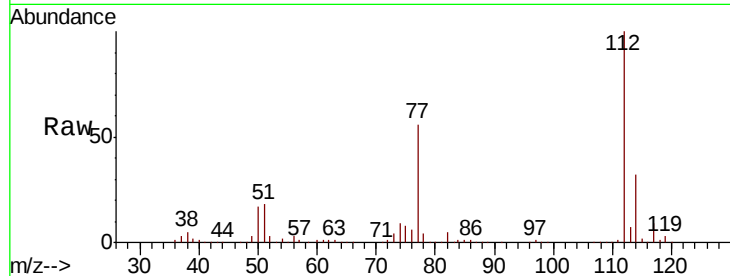




#65
Chlorobenzene
Concen: 49.547 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

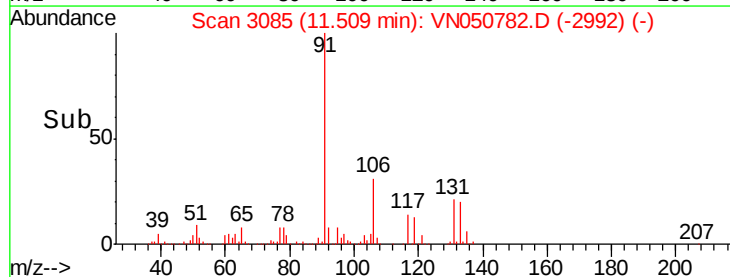
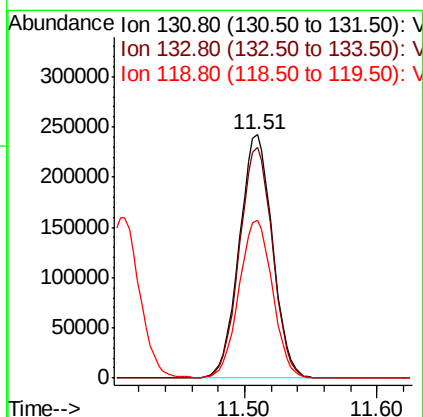
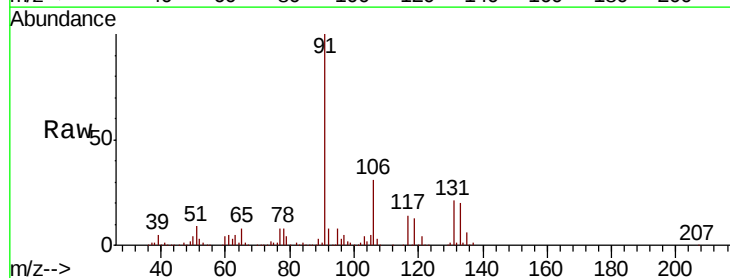
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

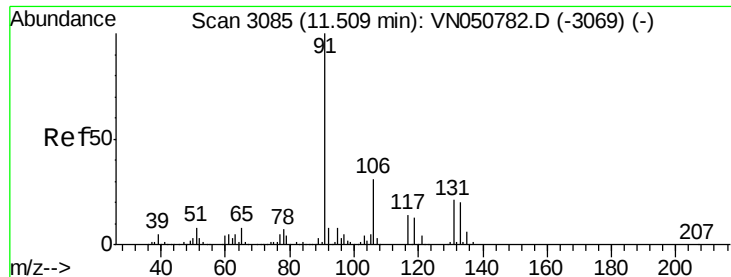
Tot Ion:112 Resp: 1142499
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.886 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

Tgt Ion:131 Resp: 420885
Ion Ratio Lower Upper
131 100
133 94.9 47.4 142.3
119 65.6 32.8 98.4

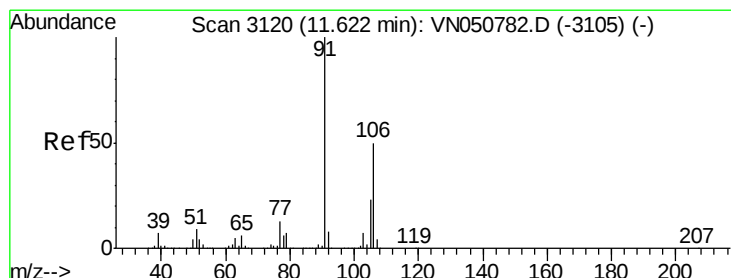
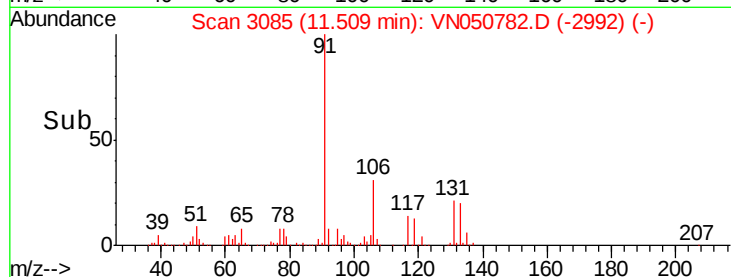
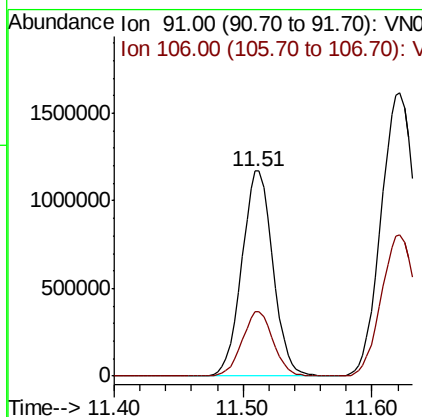
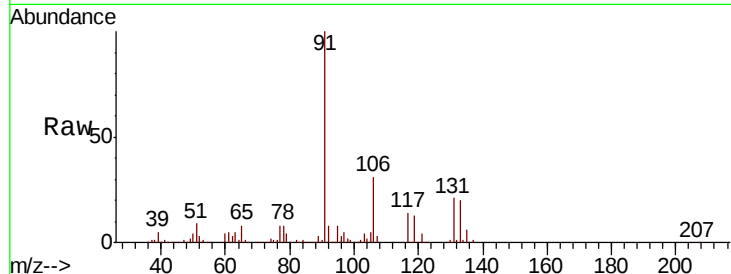




#67
Ethyl Benzene
Concen: 52.396 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

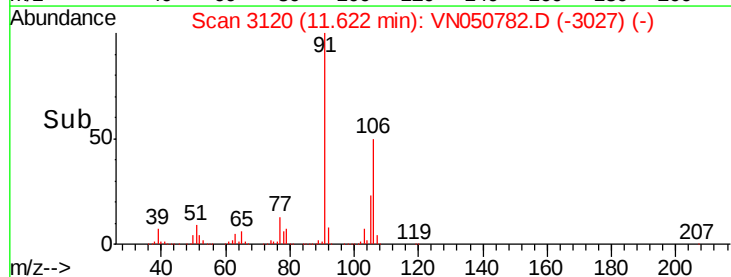
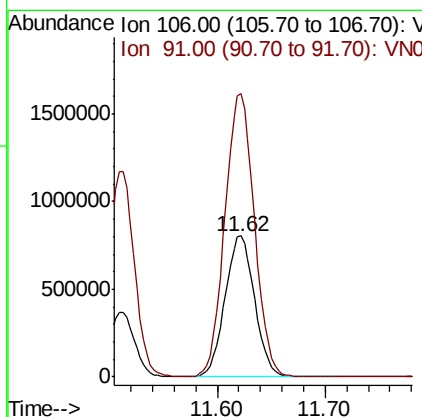
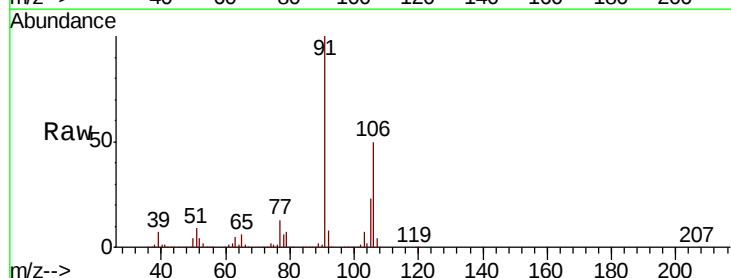
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 1964181
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4



#68
m/p-Xylenes
Concen: 107.485 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

Tgt Ion: 106 Resp: 1529432
Ion Ratio Lower Upper
106 100
91 201.3 161.0 241.6

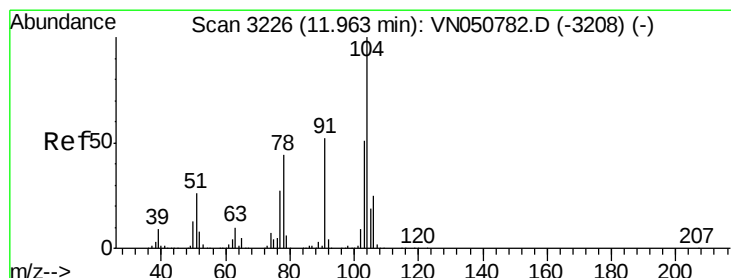
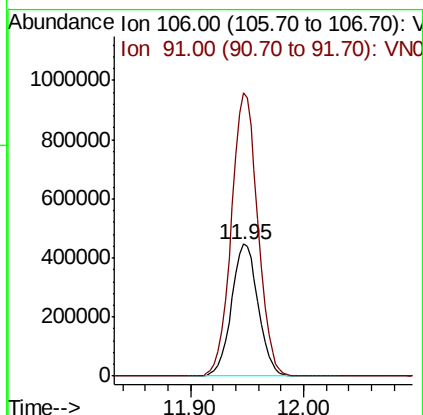
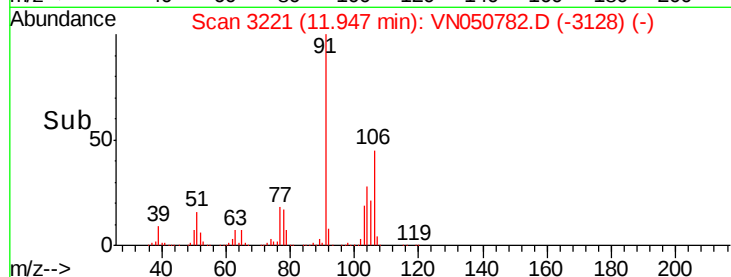
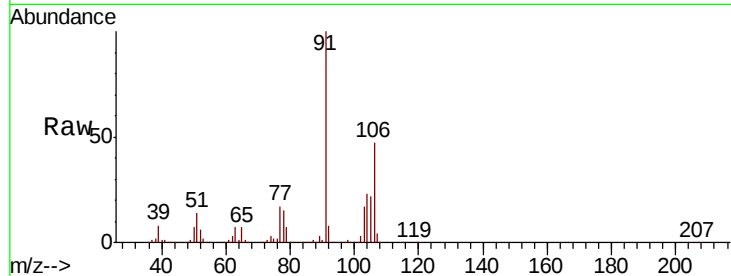




#69
o-Xylene
Concen: 53.468 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

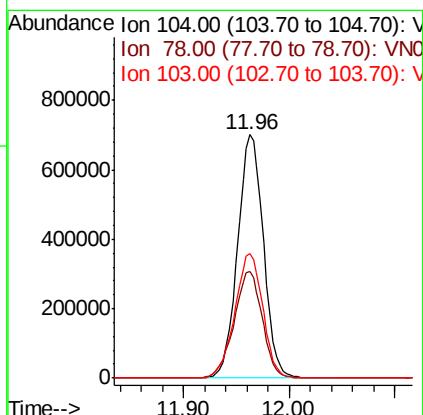
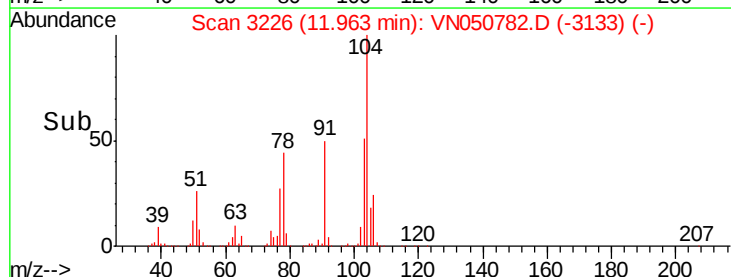
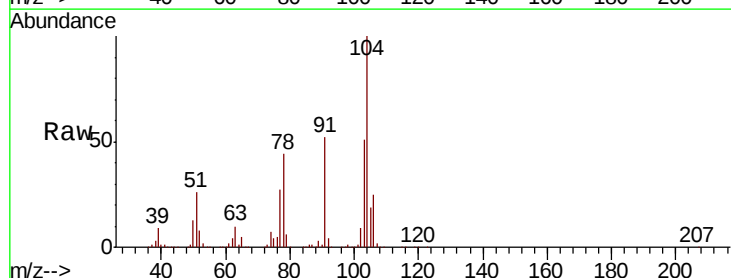
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

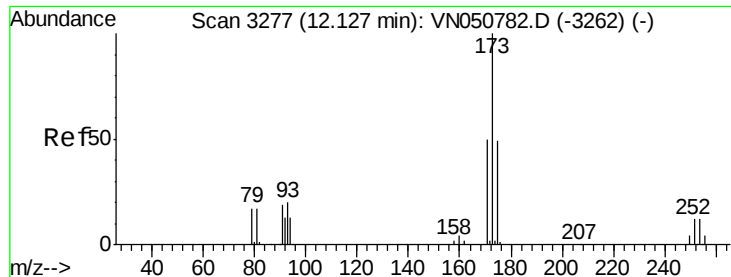
Tot Ion:106 Resp: 731428
Ion Ratio Lower Upper
106 100
91 213.0 106.5 319.5



#70
Styrene
Concen: 55.496 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

Tgt Ion:104 Resp: 1186839
Ion Ratio Lower Upper
104 100
78 47.8 38.2 57.4
103 55.5 44.4 66.6





#71

Bromoform

Concen: 51.216 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

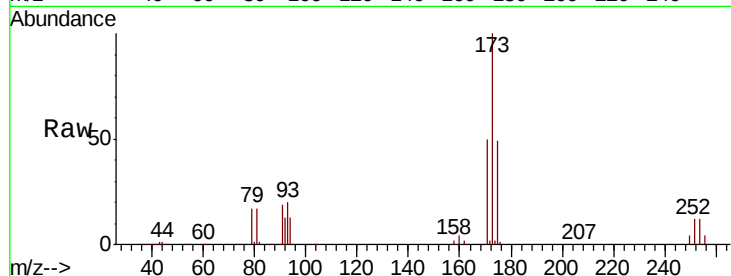
Tot Ion:173 Resp: 297151

Ion Ratio Lower Upper

173 100

175 48.9 24.4 73.4

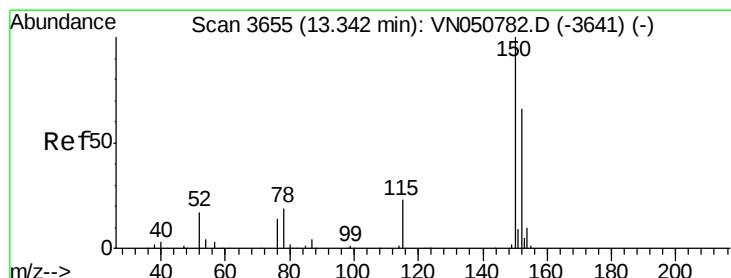
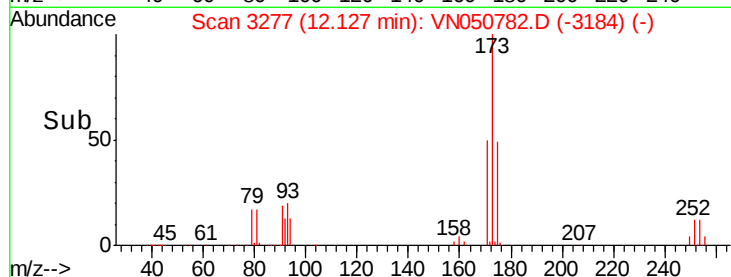
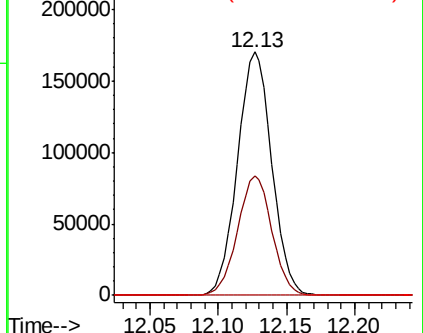
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3655

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

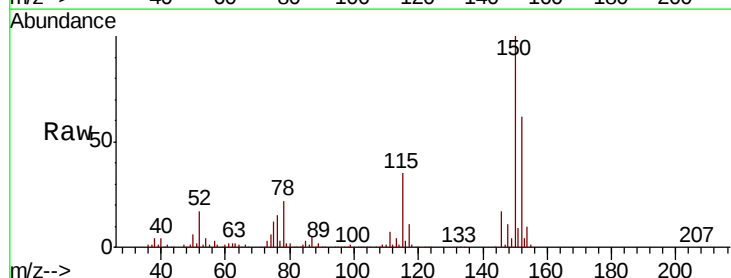
Tgt Ion:152 Resp: 465137

Ion Ratio Lower Upper

152 100

115 55.6 27.8 83.4

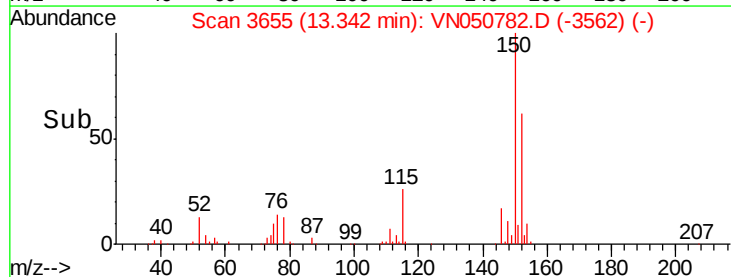
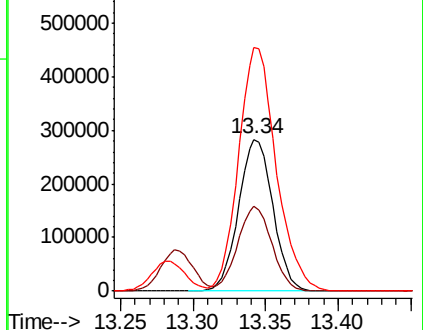
150 175.7 0.0 351.4

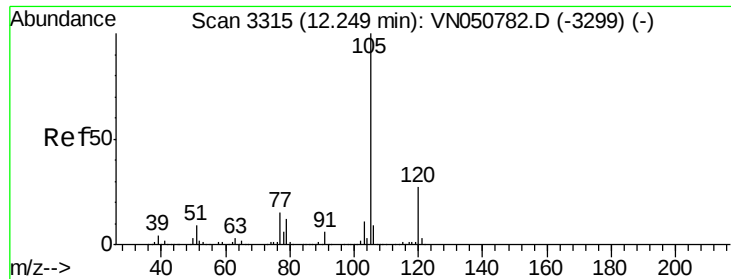


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

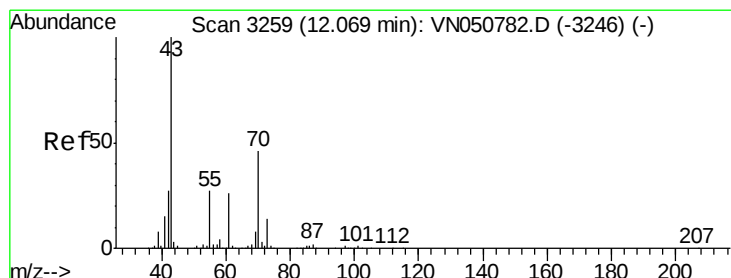
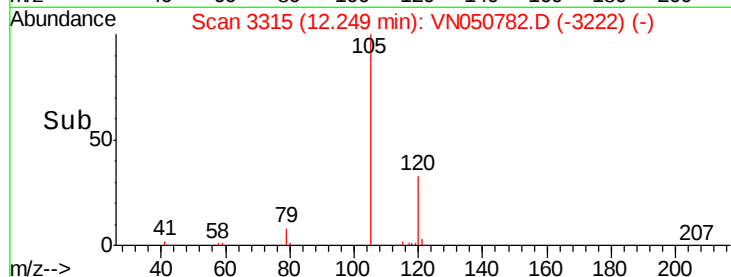
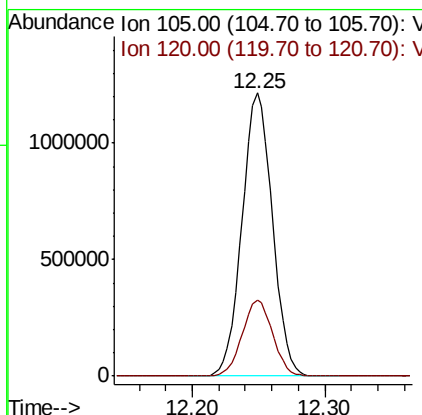
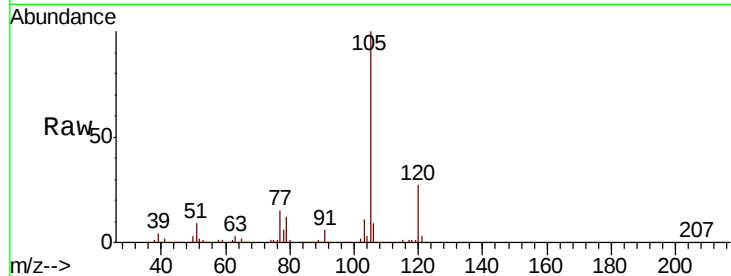




#73
Isopropylbenzene
Concen: 50.139 ug/l
RT: 12.25 min Scan# 3315
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

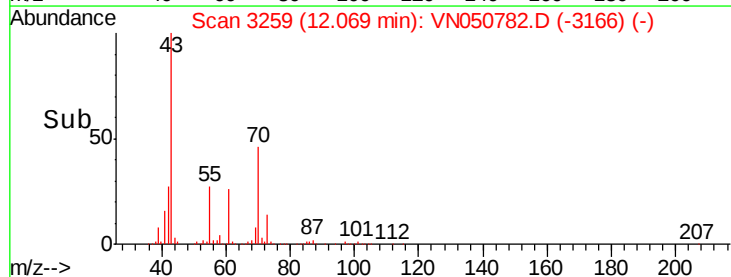
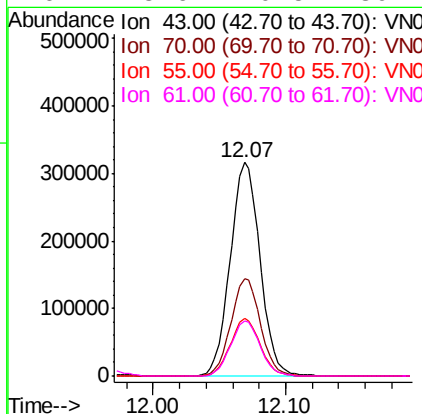
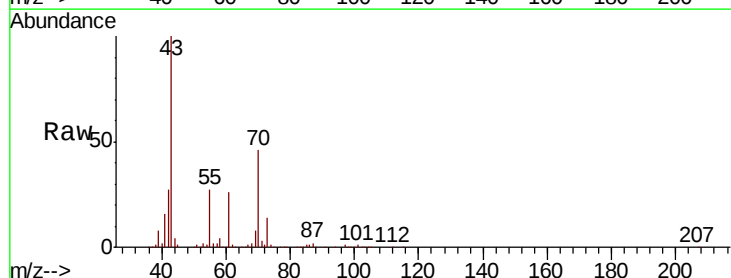
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

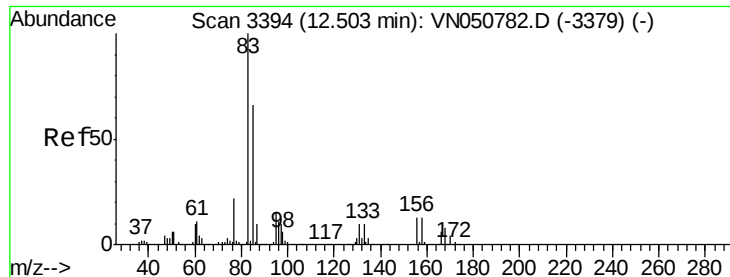
Tot Ion:105 Resp: 1931094
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



#74
N-ethyl acetate
Concen: 50.939 ug/l
RT: 12.07 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

Tgt Ion: 43 Resp: 492961
Ion Ratio Lower Upper
43 100
70 45.2 36.2 54.2
55 27.3 21.8 32.8
61 25.6 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 45.245 ug/l

RT: 12.50 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

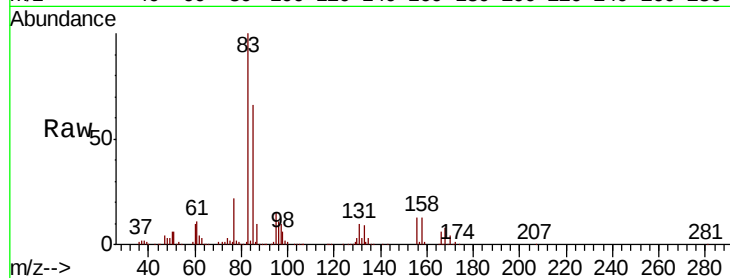
Tot Ion: 83 Resp: 469531

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

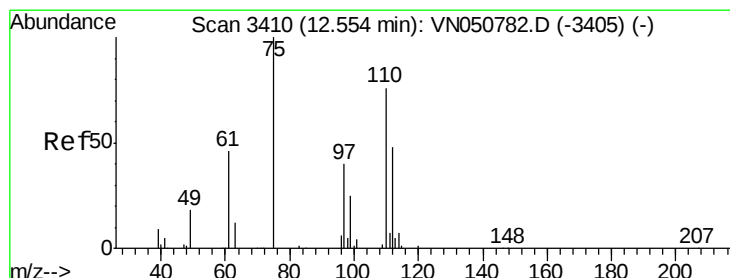
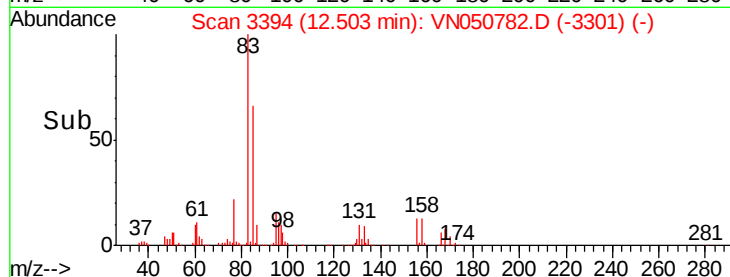
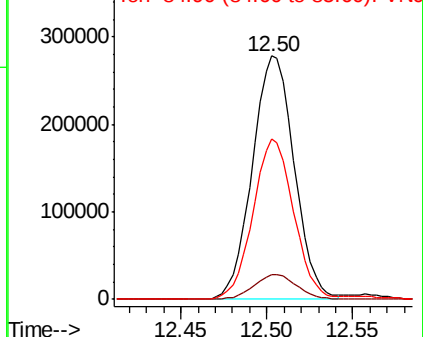
85 63.8 31.9 95.7



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: 70.503 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN050782.D

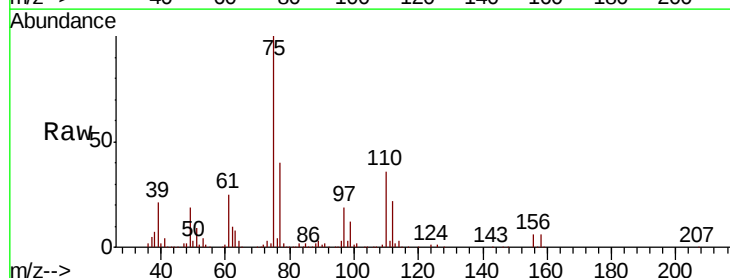
Acq: 21 Aug 2018 11:09

Tgt Ion: 75 Resp: 556009

Ion Ratio Lower Upper

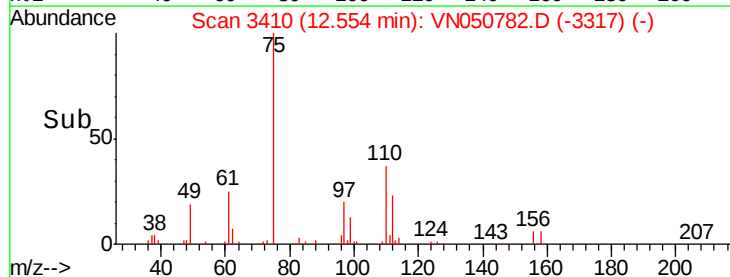
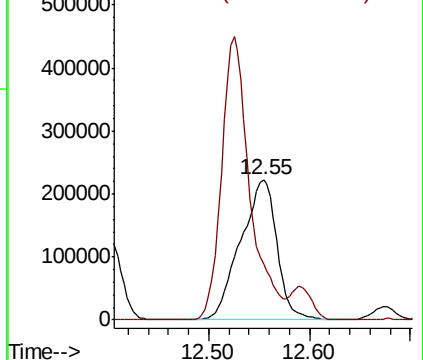
75 100

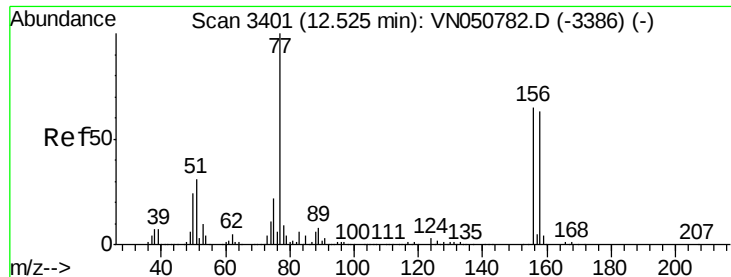
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 47.111 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

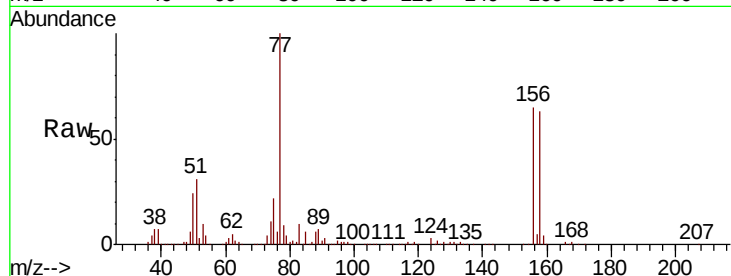
Tot Ion:156 Resp: 493126

Ion Ratio Lower Upper

156 100

77 179.8 89.9 269.7

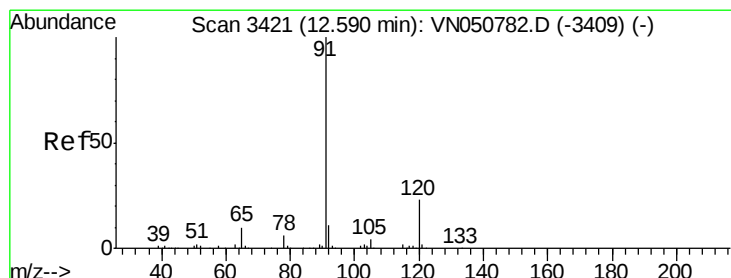
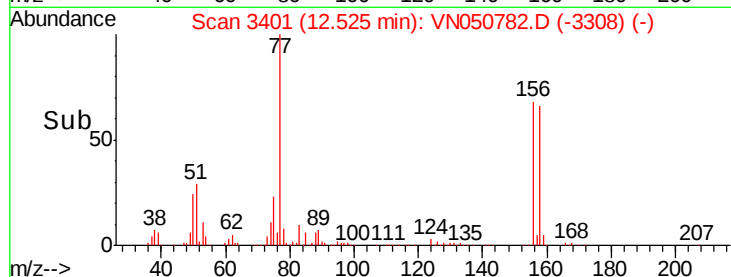
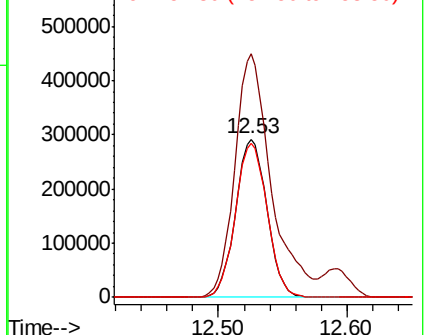
158 98.6 49.3 147.9



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: 51.538 ug/l

RT: 12.59 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN050782.D

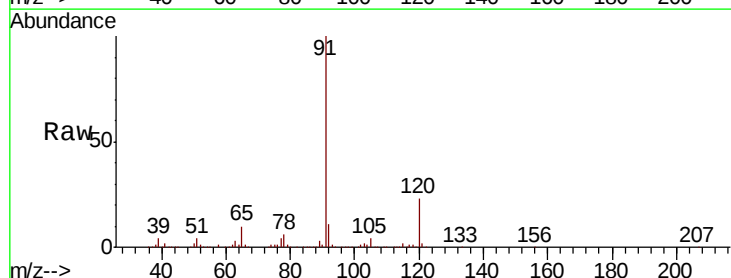
Acq: 21 Aug 2018 11:09

Tgt Ion: 91 Resp: 2217458

Ion Ratio Lower Upper

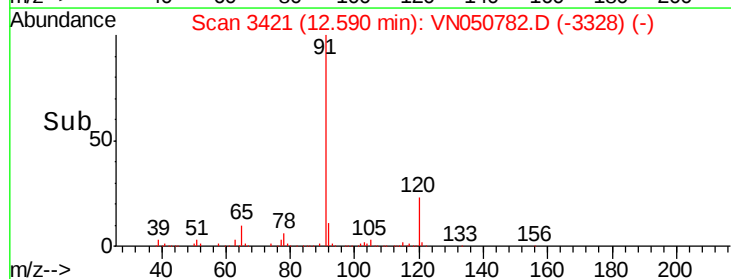
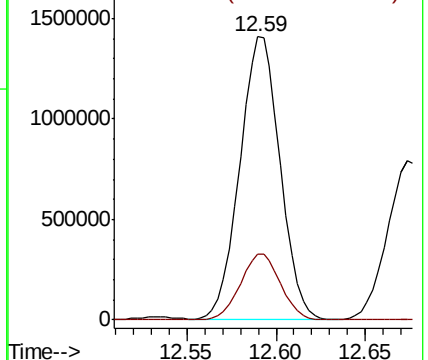
91 100

120 23.3 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: 49.174 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

MSVOA_N

ClientSampleId :

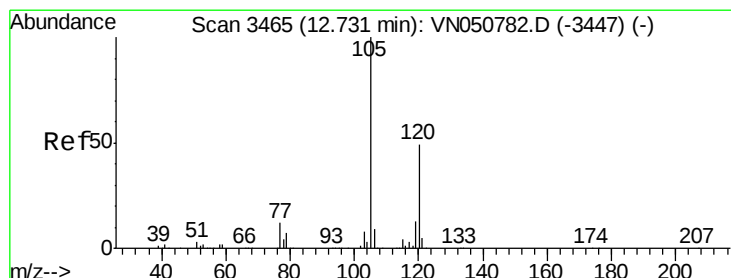
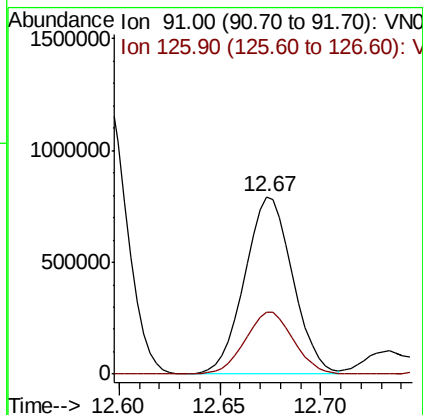
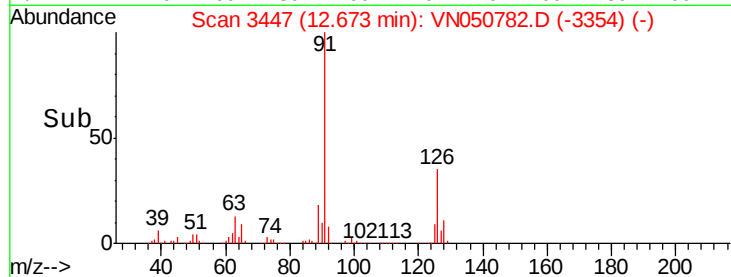
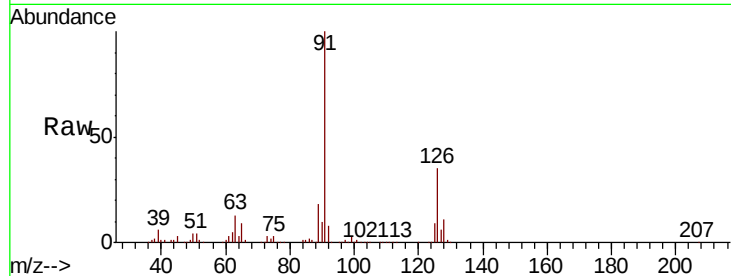
VSTDICCC050

Tot Ion: 91 Resp: 1317867

Ion Ratio Lower Upper

91 100

126 35.5 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 51.867 ug/l

RT: 12.73 min Scan# 3465

Delta R.T. 0.00 min

Lab File: VN050782.D

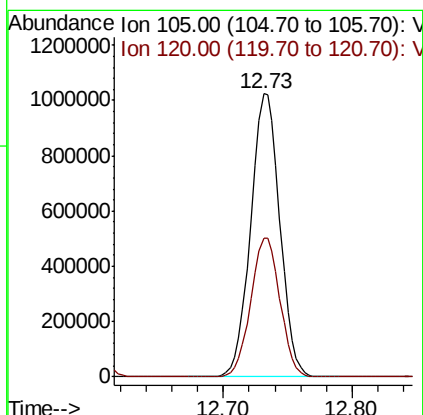
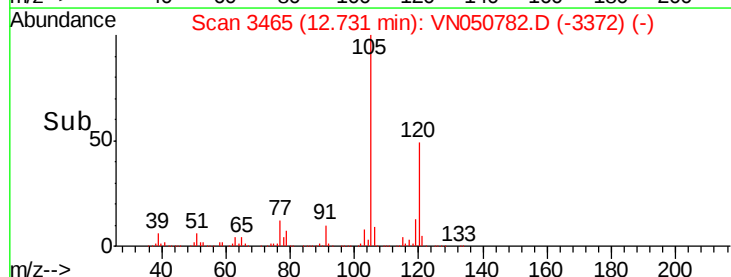
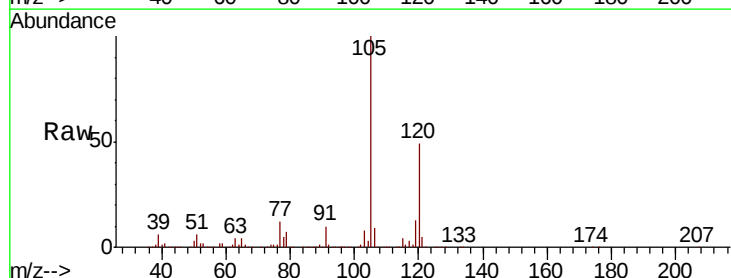
Acq: 21 Aug 2018 11:09

Tgt Ion:105 Resp: 1611901

Ion Ratio Lower Upper

105 100

120 49.3 24.6 74.0

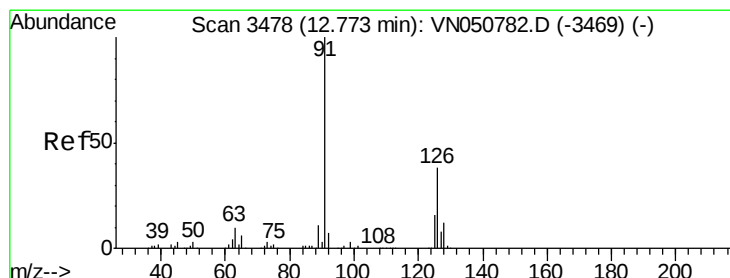
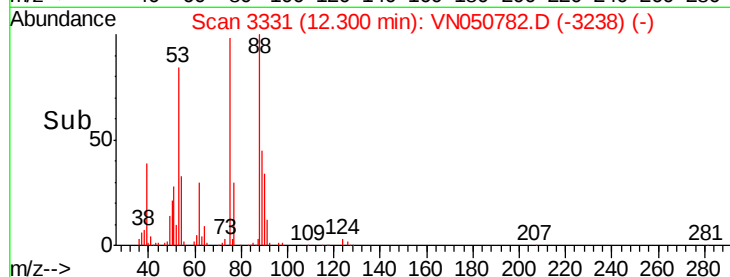
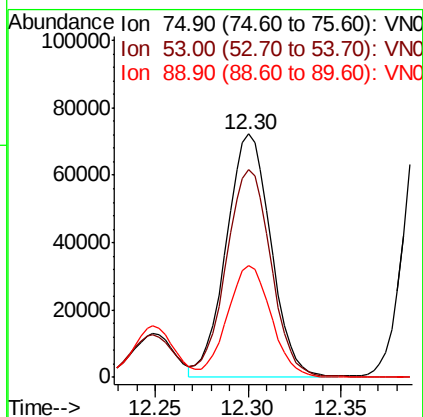
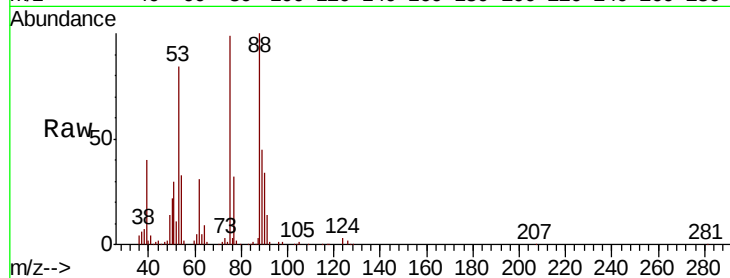




#81
trans-1,4-Dichloro-2-butene
Concen: 50.150 ug/l
RT: 12.30 min Scan# 3331
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

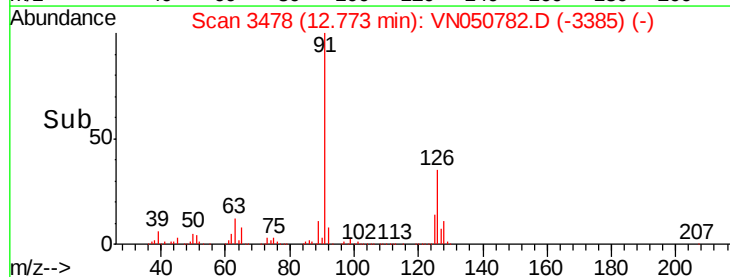
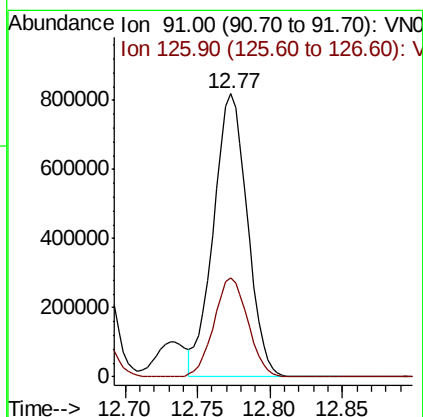
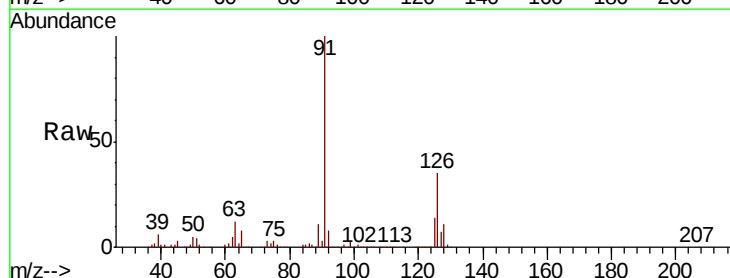
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

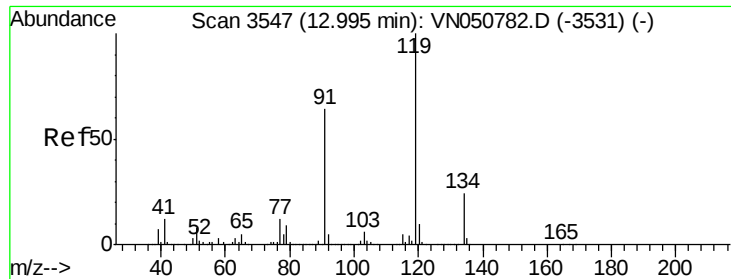
Tot Ion: 75 Resp: 120858
Ion Ratio Lower Upper
75 100
53 86.1 68.9 103.3
89 45.1 36.1 54.1



#82
4-Chlorotoluene
Concen: 50.260 ug/l
RT: 12.77 min Scan# 3478
Delta R.T. 0.00 min
Lab File: VN050782.D
Acq: 21 Aug 2018 11:09

Tgt Ion: 91 Resp: 1329745
Ion Ratio Lower Upper
91 100
126 35.0 17.5 52.5

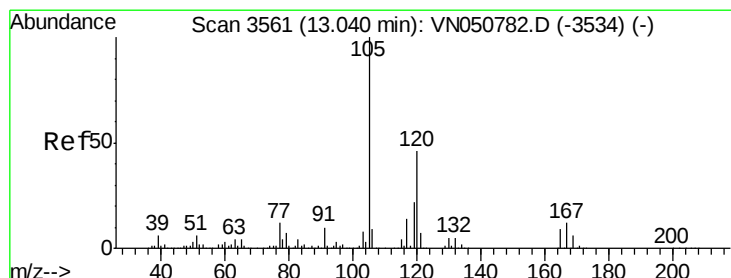
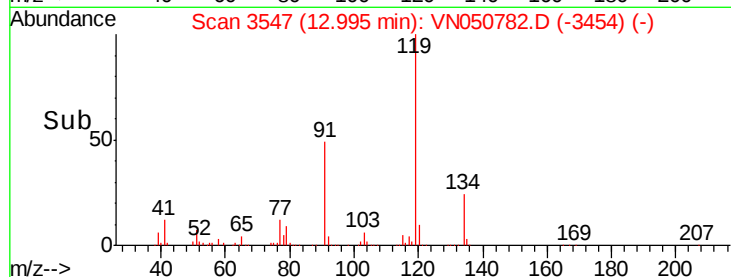
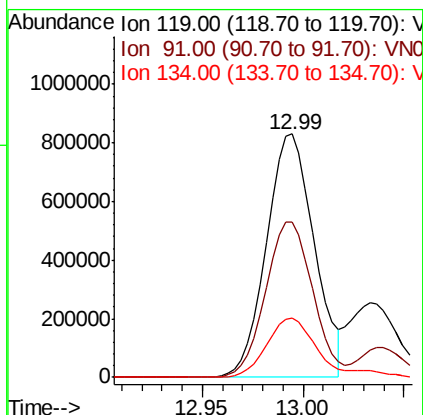
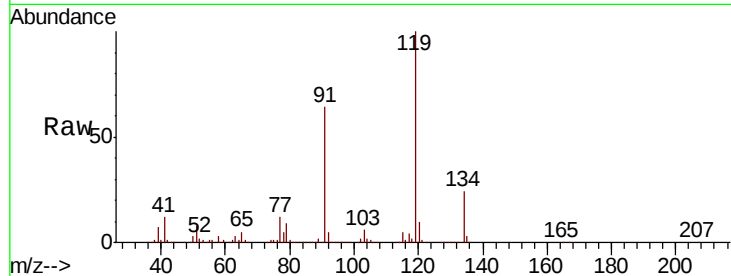




#83
 tert-Butylbenzene
 Concen: 50.698 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN050782.D
 Acq: 21 Aug 2018 11:09

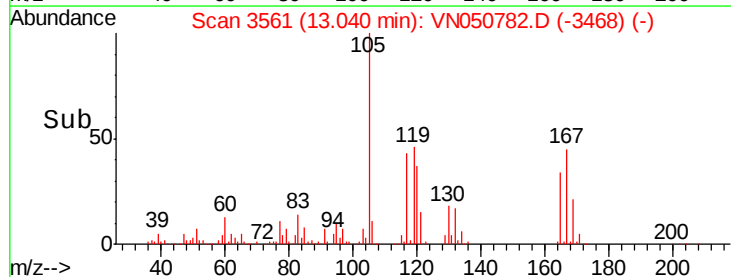
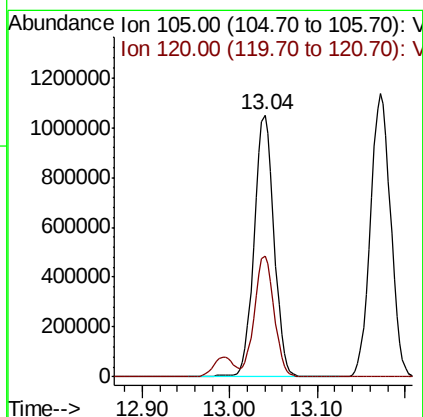
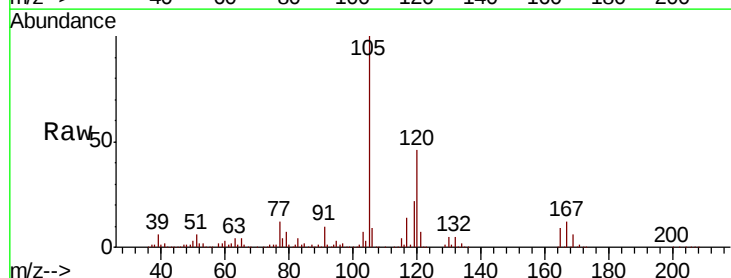
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

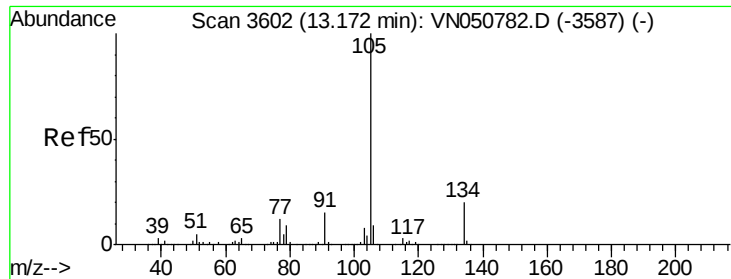
Tot Ion:119 Resp: 1364511
 Ion Ratio Lower Upper
 119 100
 91 63.1 31.6 94.7
 134 26.7 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.851 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN050782.D
 Acq: 21 Aug 2018 11:09

Tgt Ion:105 Resp: 1652150
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.8





#85

sec-Butylbenzene

Concen: 51.361 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

MSVOA_N

ClientSampleId :

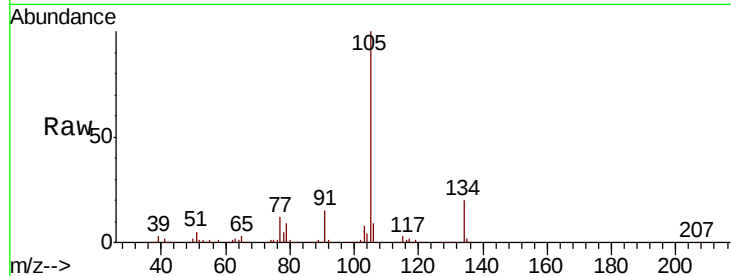
VSTDICCC050

Tot Ion:105 Resp: 1811383

Ion Ratio Lower Upper

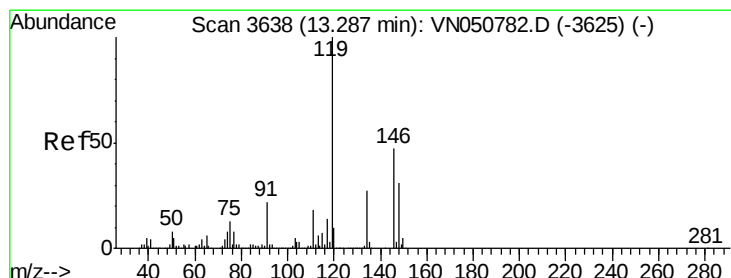
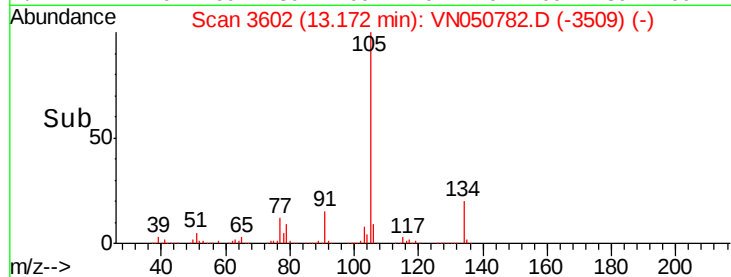
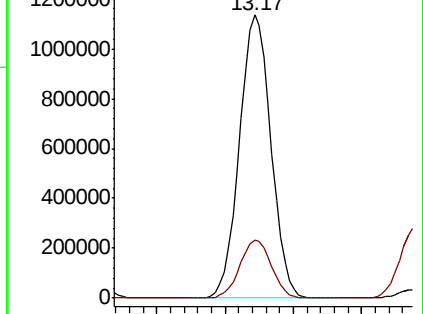
105 100

134 20.5 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: 53.168 ug/l

RT: 13.29 min Scan# 3638

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

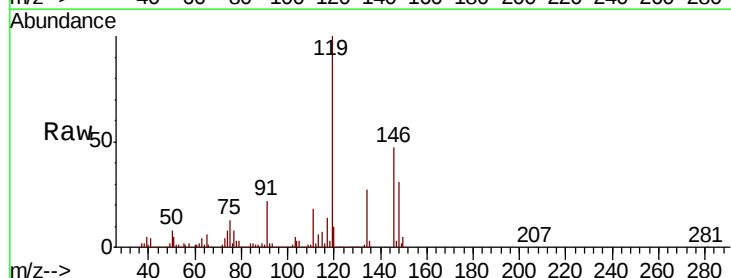
Tgt Ion:119 Resp: 1597762

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.0

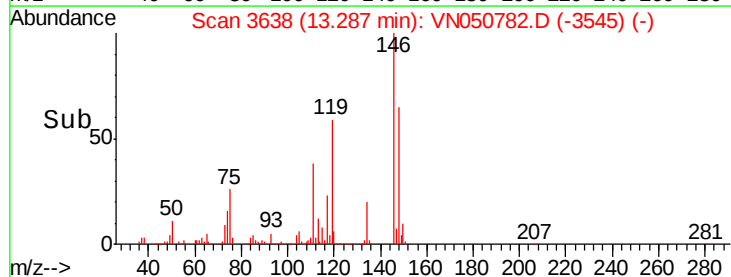
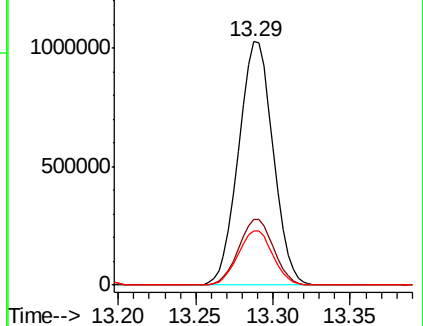
91 22.3 11.2 33.5



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: 49.261 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

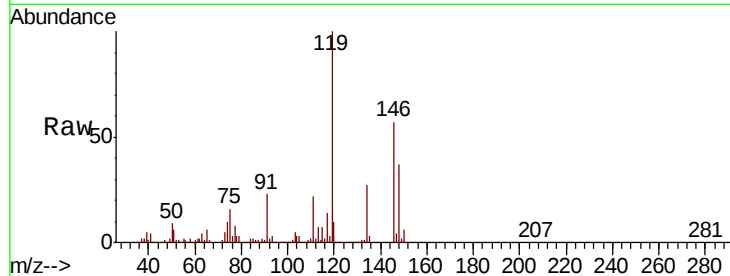
Tot Ion:146 Resp: 875025

Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.3

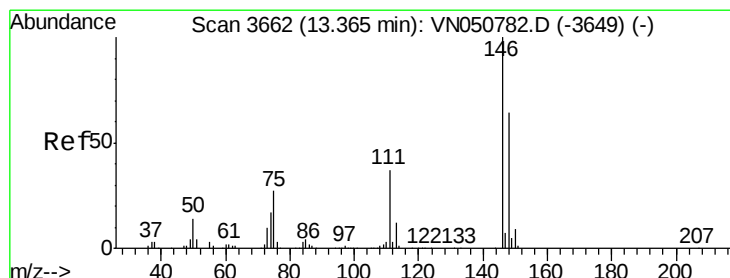
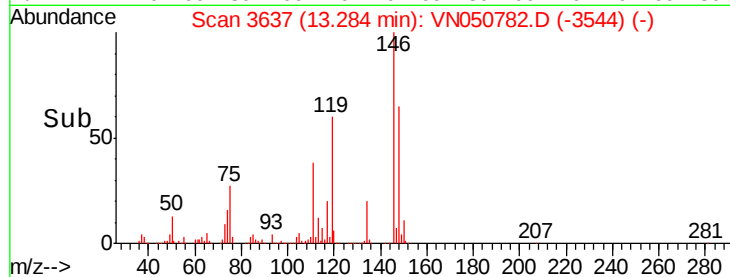
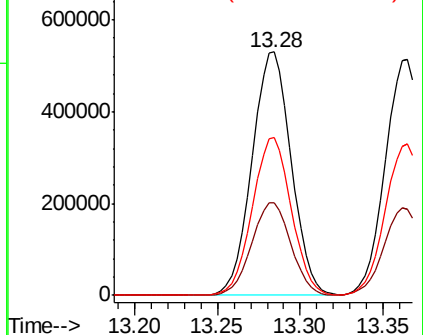
148 64.4 32.2 96.6



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: 48.347 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

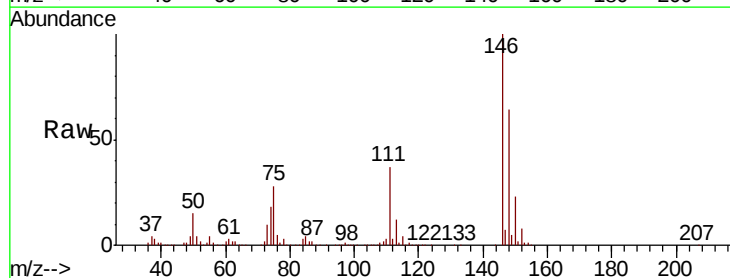
Tgt Ion:146 Resp: 845211

Ion Ratio Lower Upper

146 100

111 37.5 18.8 56.3

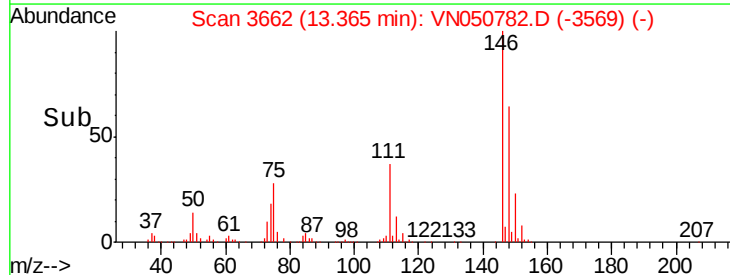
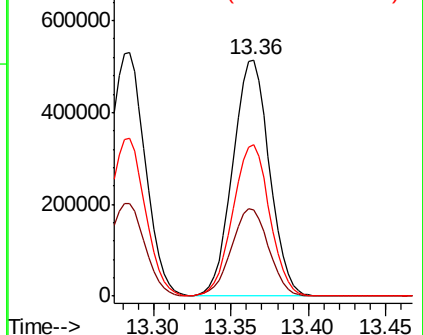
148 64.4 32.2 96.6



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: 53.332 ug/l

RT: 13.61 min Scan# 3739

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

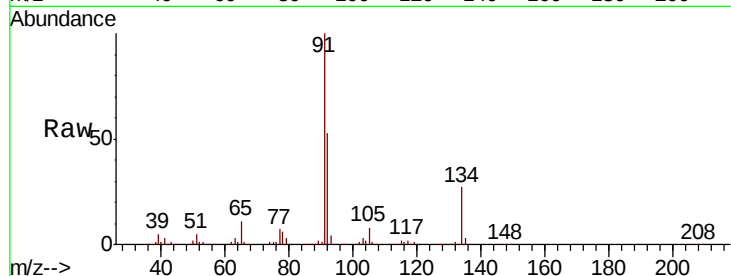
Tot Ion: 91 Resp: 1281820

Ion Ratio Lower Upper

91 100

92 52.1 26.1 78.2

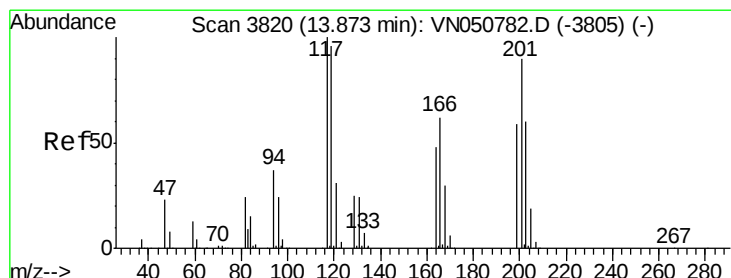
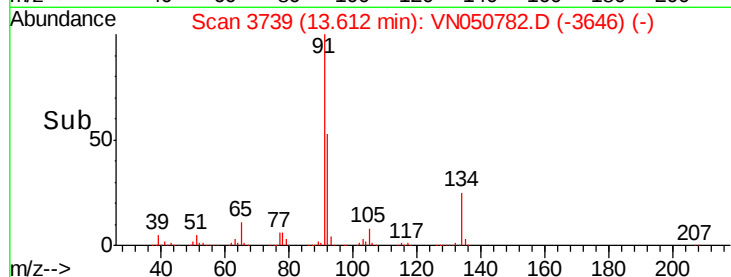
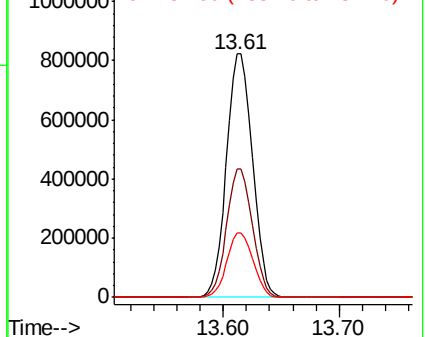
134 26.4 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VN050782.D (-3726) (-)

Ion 92.00 (91.70 to 92.70): VN050782.D (-3726) (-)

Ion 134.00 (133.70 to 134.70): VN050782.D (-3726) (-)



#90

Hexachloroethane

Concen: 44.599 ug/l

RT: 13.87 min Scan# 3820

Delta R.T. 0.00 min

Lab File: VN050782.D

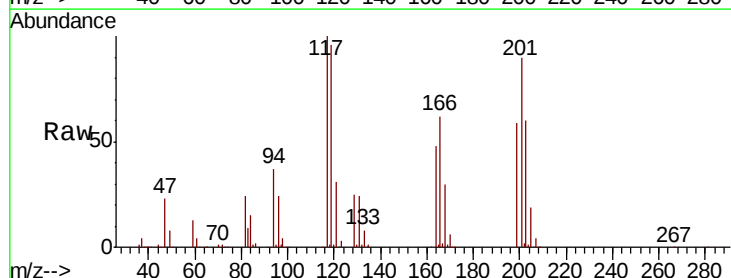
Acq: 21 Aug 2018 11:09

Tgt Ion: 117 Resp: 277396

Ion Ratio Lower Upper

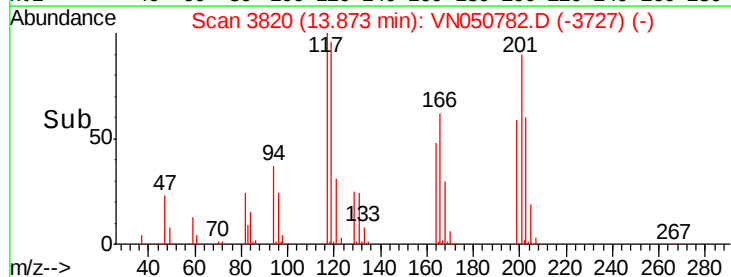
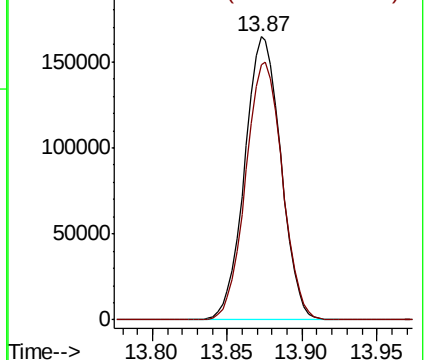
117 100

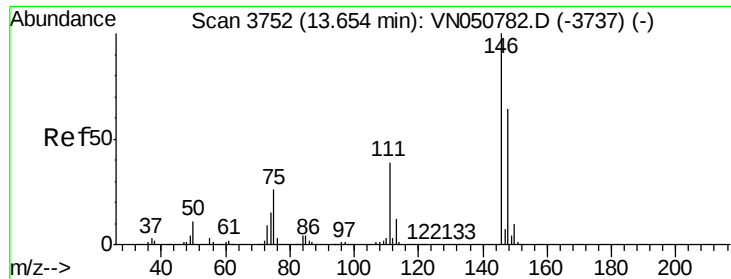
201 91.9 46.0 137.8



Abundance Ion 116.80 (116.50 to 117.50): VN050782.D (-3805) (-)

Ion 200.70 (200.40 to 201.40): VN050782.D (-3805) (-)





#91

1,2-Dichlorobenzene

Concen: 49.100 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

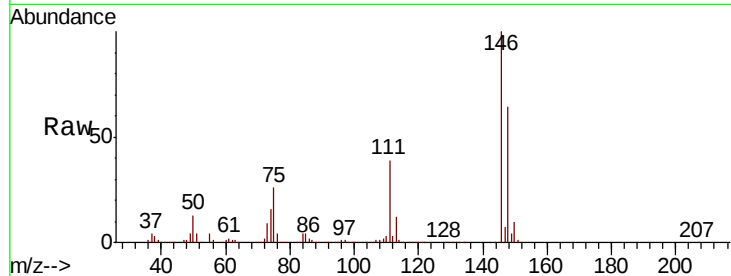
Tot Ion:146 Resp: 841451

Ion Ratio Lower Upper

146 100

111 39.5 19.8 59.3

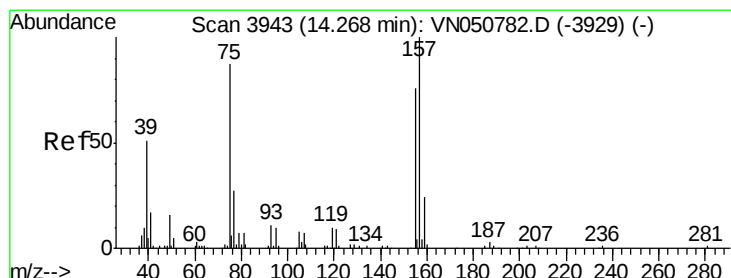
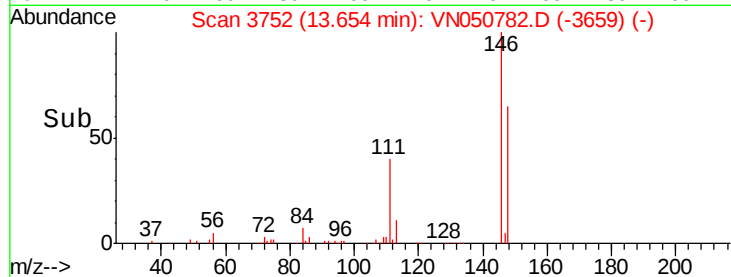
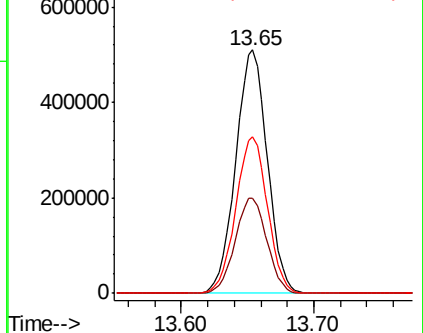
148 64.5 32.3 96.8



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: 47.986 ug/l

RT: 14.27 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

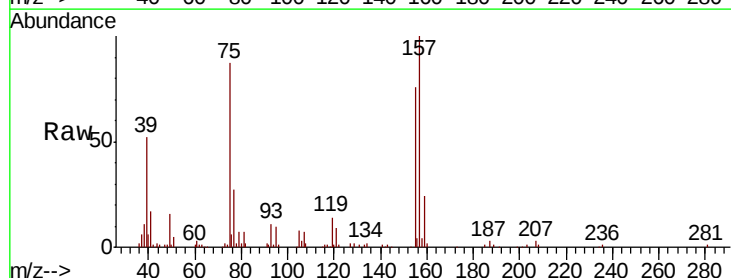
Tgt Ion: 75 Resp: 66374

Ion Ratio Lower Upper

75 100

155 92.7 46.4 139.1

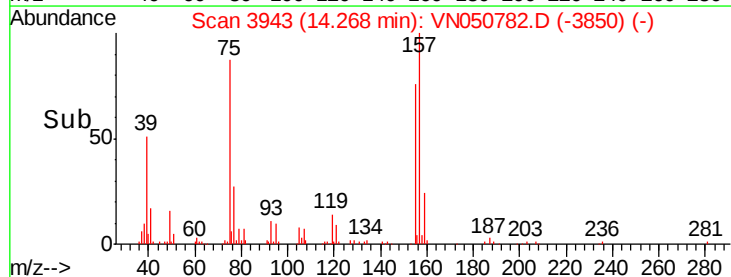
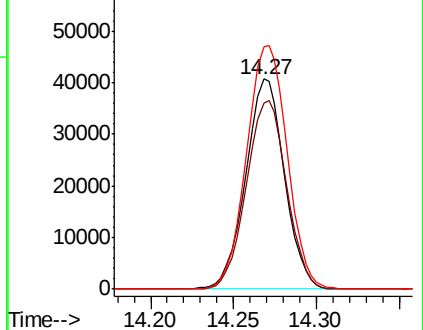
157 121.3 60.7 182.0

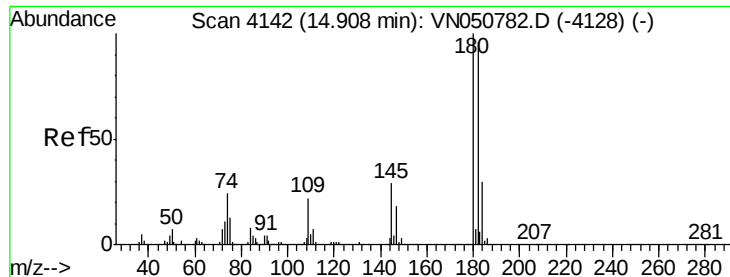


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

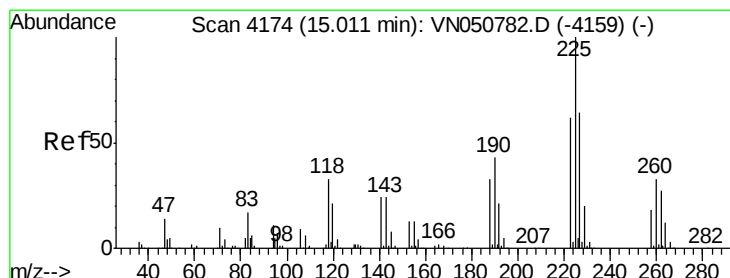
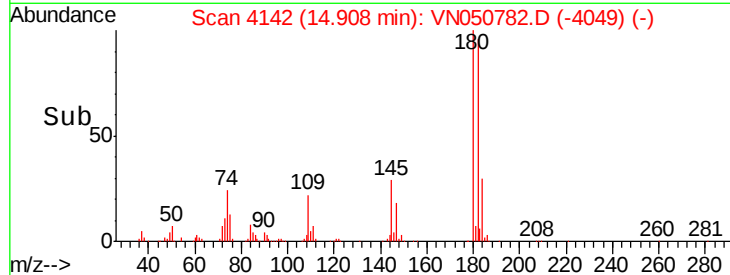
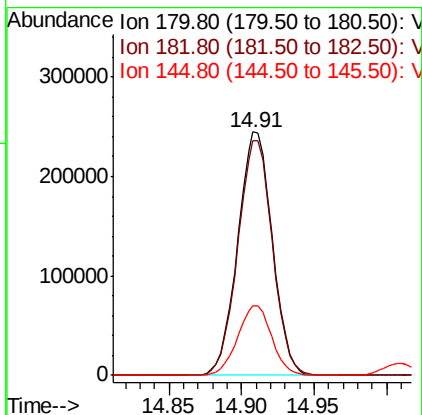
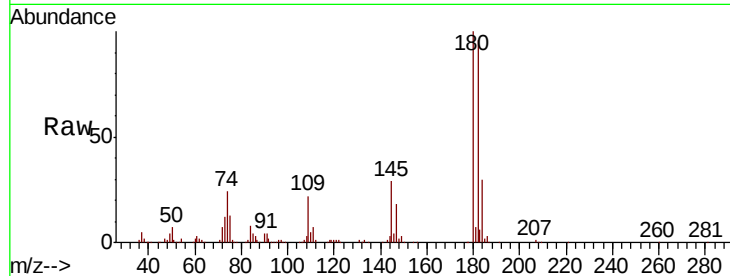




#93
 1,2,4-Trichlorobenzene
 Concen: 54.356 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. 0.00 min
 Lab File: VN050782.D
 Acq: 21 Aug 2018 11:09

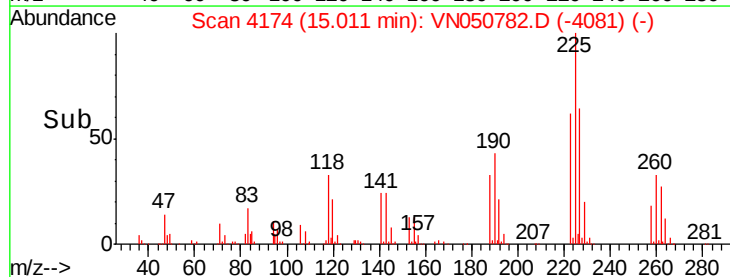
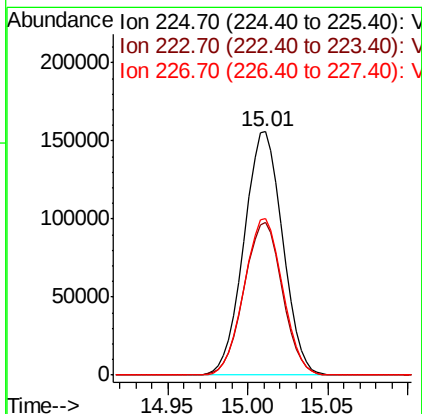
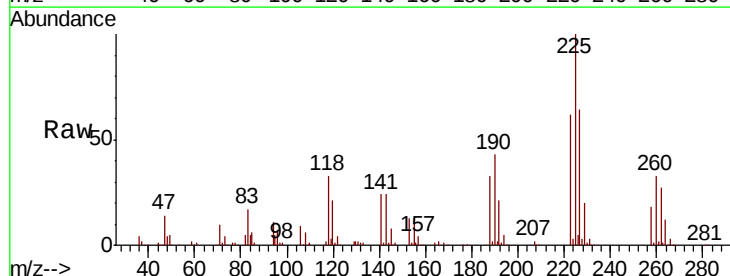
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion:180 Resp: 405474
 Ion Ratio Lower Upper
 180 100
 182 96.4 48.2 144.6
 145 28.1 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 46.004 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. 0.00 min
 Lab File: VN050782.D
 Acq: 21 Aug 2018 11:09

Tgt Ion:225 Resp: 257061
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.3 93.8
 227 64.1 32.0 96.2





#95

Naphthalene

Concen: 54.978 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

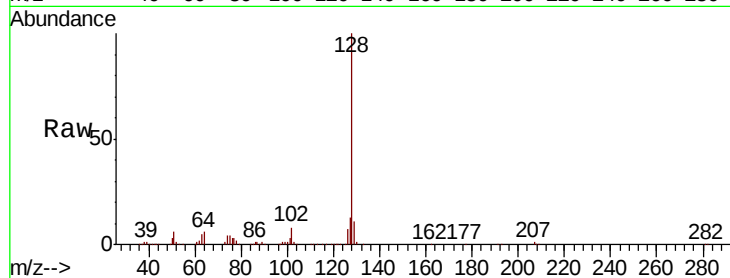
Tot Ion:128 Resp: 809132

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

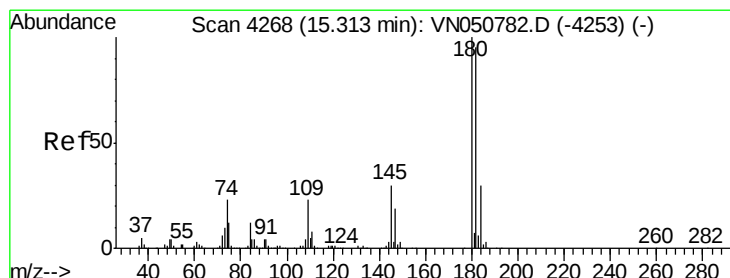
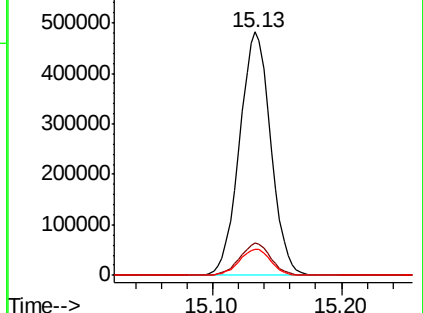
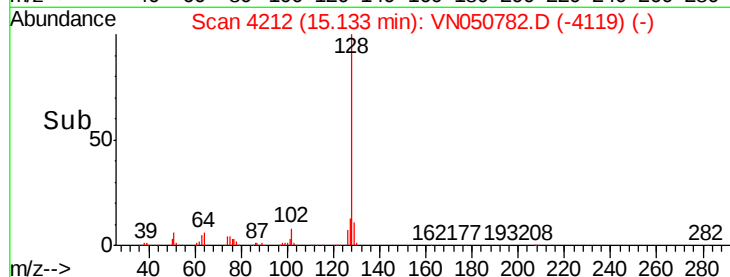
129 10.9 8.7 13.1



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: 53.422 ug/l

RT: 15.31 min Scan# 4268

Delta R.T. 0.00 min

Lab File: VN050782.D

Acq: 21 Aug 2018 11:09

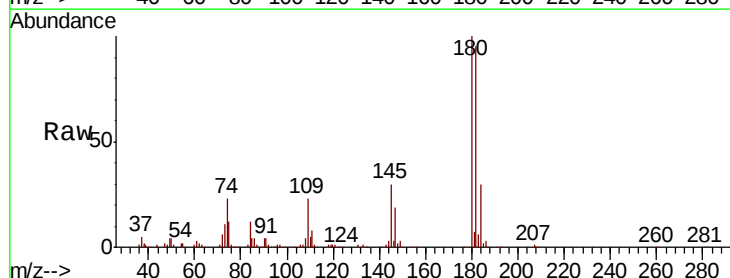
Tgt Ion:180 Resp: 388045

Ion Ratio Lower Upper

180 100

182 96.1 48.0 144.2

145 30.4 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

