

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
 Data File : VN050786.D
 Acq On : 21 Aug 2018 13:43
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Aug 22 03:33:44 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	591488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	902190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	759933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	267946	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	8895	1.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.50%	
35) Dibromofluoromethane	7.60	113	8138	1.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.26%	
50) Toluene-d8	10.09	98	26801	1.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.00%	
62) 4-Bromofluorobenzene	12.40	95	8235	0.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.84%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	6442	0.814	ug/l 96
3) Chloromethane	2.06	50	11201	1.147	ug/l 96
4) Vinyl Chloride	2.19	62	9611	1.039	ug/l 95
5) Bromomethane	2.57	94	8804	1.479	ug/l 99
6) Chloroethane	2.70	64	5635	1.055	ug/l 95
7) Trichlorofluoromethane	3.02	101	11971	1.011	ug/l 99
8) Diethyl Ether	3.41	74	3946	0.980	ug/l 87
9) 1,1,2-Trichlorotrifluoroet	3.76	101	7975	1.078	ug/l 96
10) Methyl Iodide	3.96	142	5618	0.957	ug/l 98
11) Tert butyl alcohol	4.78	59	1630	3.595	ug/l # 72
12) 1,1-Dichloroethene	3.74	96	6535	0.984	ug/l 95
13) Acrolein	3.62	56	1587	6.408	ug/l 99
14) Allyl chloride	4.33	41	10049	0.971	ug/l 97
15) Acrylonitrile	5.00	53	10436	4.529	ug/l # 90
16) Acetone	3.83	43	11914	6.068	ug/l 99
17) Carbon Disulfide	4.05	76	28246	1.268	ug/l 100
18) Methyl Acetate	4.34	43	8935	1.320	ug/l 94
19) Methyl tert-butyl Ether	5.05	73	15342	0.918	ug/l 91
20) Methylene Chloride	4.55	84	9442	1.177	ug/l # 91
21) trans-1,2-Dichloroethene	5.04	96	3823	0.534	ug/l 89
22) Diisopropyl ether	5.95	45	17950	0.870	ug/l # 79
23) Vinyl Acetate	5.90	43	55517	4.179	ug/l 98
24) 1,1-Dichloroethane	5.85	63	14000	1.057	ug/l 98
25) 2-Butanone	6.84	43	16559	5.771	ug/l 98
26) 2,2-Dichloropropane	6.82	77	11370	1.068	ug/l 98
27) cis-1,2-Dichloroethene	6.83	96	7495	0.968	ug/l 89
28) Bromochloromethane	7.20	49	5216	0.927	ug/l # 92
29) Tetrahydrofuran	7.22	42	7320	4.449	ug/l # 80
30) Chloroform	7.37	83	13340	1.017	ug/l 98
31) Cyclohexane	7.66	56	19786	1.504	ug/l # 23
32) 1,1,1-Trichloroethane	7.56	97	11698	1.038	ug/l # 50
36) 1,1-Dichloropropene	7.79	75	10454	0.982	ug/l 96
37) Ethyl Acetate	6.94	43	4244	0.724	ug/l # 94
38) Carbon Tetrachloride	7.77	117	10675	0.992	ug/l 97

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 VSTDIC001

Quant Time: Aug 22 03:33:44 2018
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 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 03:28:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	10789	0.937	ug/l	95
40) Benzene	8.04	78	31082	0.968	ug/l	92
41) Methacrylonitrile	7.17	41	1710	0.552	ug/l #	70
42) 1,2-Dichloroethane	8.12	62	8855	0.923	ug/l	95
43) Isopropyl Acetate	8.17	43	9091	0.865	ug/l	97
44) Trichloroethene	8.84	130	8215	0.970	ug/l	92
45) 1,2-Dichloropropane	9.12	63	8416	0.997	ug/l	93
46) Dibromomethane	9.21	93	4903	0.989	ug/l	91
47) Bromodichloromethane	9.41	83	9327	0.898	ug/l #	80
48) Methyl methacrylate	9.20	41	4625	0.863	ug/l #	64
49) 1,4-Dioxane	9.21	88	1132	15.496	ug/l #	60
51) 4-Methyl-2-Pentanone	9.99	43	29304	4.670	ug/l	95
52) Toluene	10.16	92	15941	0.838	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	9008	0.872	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	9988	0.844	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	6991	0.990	ug/l	88
56) Ethyl methacrylate	10.43	69	5539	0.692	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	10596	0.909	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.70	63	10418	3.048	ug/l	97
59) 2-Hexanone	10.75	43	19401	4.644	ug/l	87
60) Dibromochloromethane	10.90	129	6982	0.883	ug/l	97
61) 1,2-Dibromoethane	11.01	107	5787	0.848	ug/l	96
64) Tetrachloroethene	10.63	164	7957	1.102	ug/l	87
65) Chlorobenzene	11.43	112	20284	1.021	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.51	131	7347	1.011	ug/l #	65
67) Ethyl Benzene	11.51	91	28786	0.891	ug/l	98
68) m/p-Xylenes	11.62	106	19713	1.608	ug/l	99
69) o-Xylene	11.95	106	9645	0.818	ug/l	97
70) Styrene	11.97	104	12776	0.694	ug/l	95
71) Bromoform	12.13	173	4471	0.895	ug/l #	95
73) Isopropylbenzene	12.25	105	23247	1.048	ug/l	98
74) N-amyl acetate	12.07	43	5536	0.993	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.50	83	7963	1.332	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	7836	1.725	ug/l #	100
77) Bromobenzene	12.53	156	7180	1.191	ug/l	95
78) n-propylbenzene	12.59	91	23939	0.966	ug/l	99
79) 2-Chlorotoluene	12.67	91	16602	1.075	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	16468	0.920	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	1356	0.977	ug/l	86
82) 4-Chlorotoluene	12.77	91	14918	0.979	ug/l	99
83) tert-Butylbenzene	12.99	119	15173	0.979	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	15652	0.869	ug/l	96
85) sec-Butylbenzene	13.17	105	18163	0.894	ug/l	100
86) p-Isopropyltoluene	13.29	119	14013	0.809	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	10673	1.043	ug/l	96
88) 1,4-Dichlorobenzene	13.28	146	10673	1.060	ug/l	96
89) n-Butylbenzene	13.62	91	11159	0.806	ug/l	93
90) Hexachloroethane	13.87	117	4696	1.311	ug/l	82
91) 1,2-Dichlorobenzene	13.65	146	10866	1.101	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	920	1.155	ug/l	81

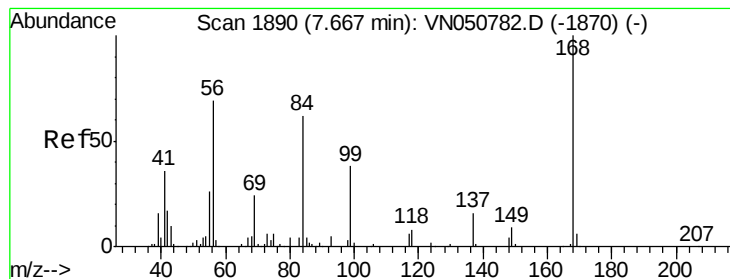
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
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QLast Update : Wed Aug 22 03:28:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	3732	0.868	ug/l	97
94) Hexachlorobutadiene	15.01	225	4150	1.289	ug/l	97
95) Naphthalene	15.13	128	6902	0.814	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	3804	0.909	ug/l	95

(#) = 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: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampled :

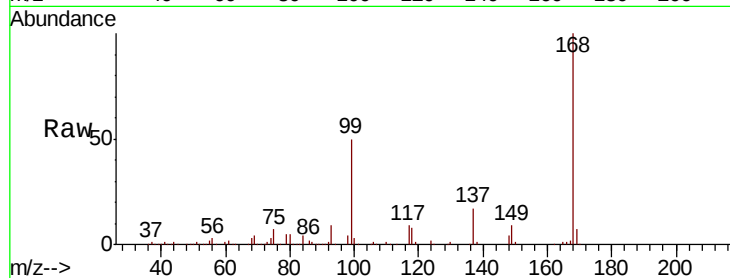
VSTDIC001

Tot Ion:168 Resp: 591488

Ion Ratio Lower Upper

168 100

99 49.8 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

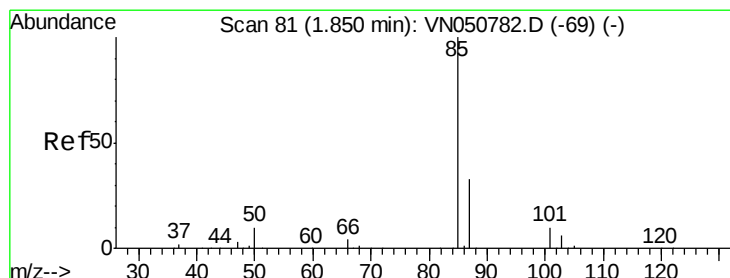
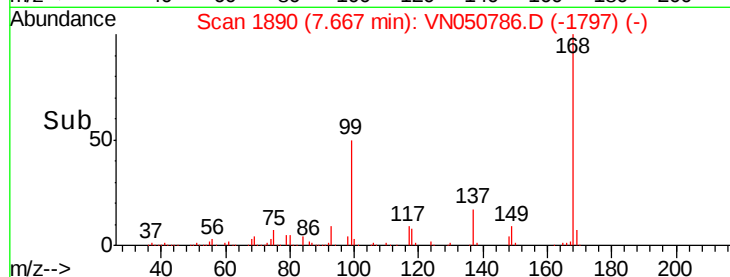
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.814 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN050786.D

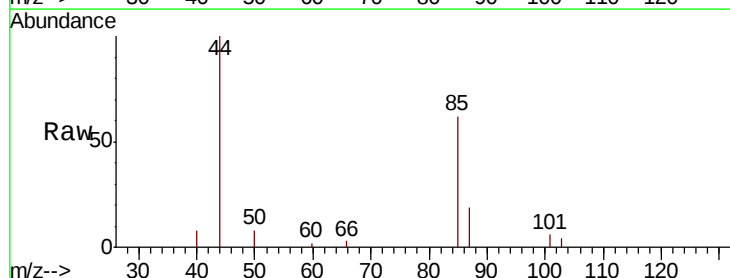
Acq: 21 Aug 2018 13:43

Tgt Ion: 85 Resp: 6442

Ion Ratio Lower Upper

85 100

87 30.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

5000

4000

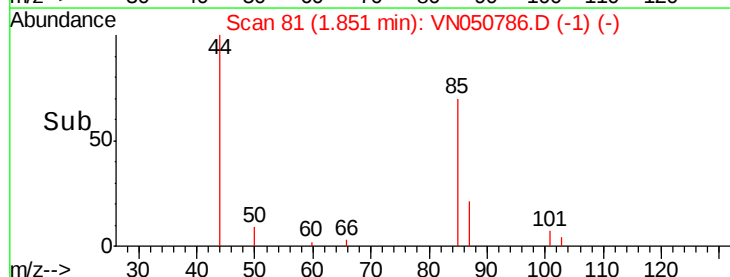
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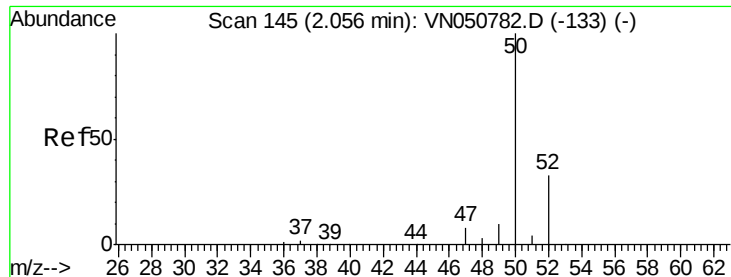
2000

1000

0

Time-->





#3

Chloromethane

Concen: 1.147 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampleId :

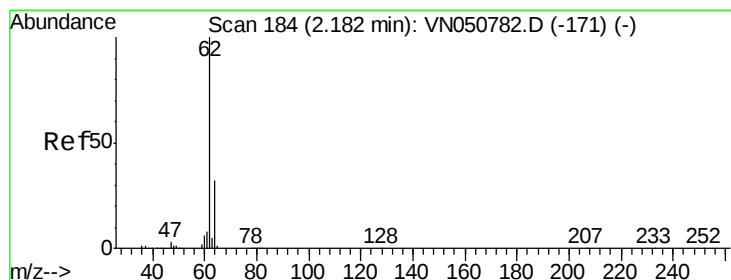
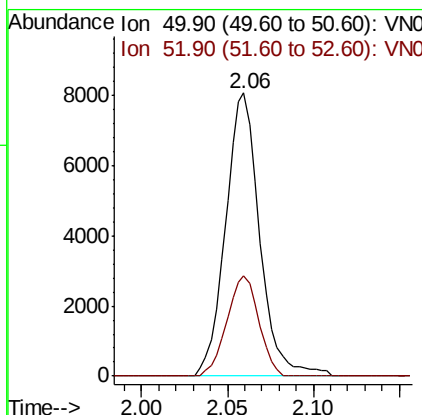
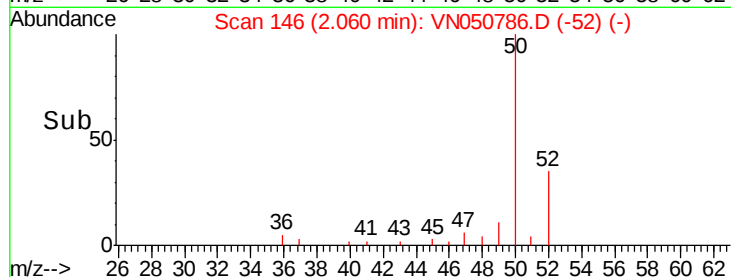
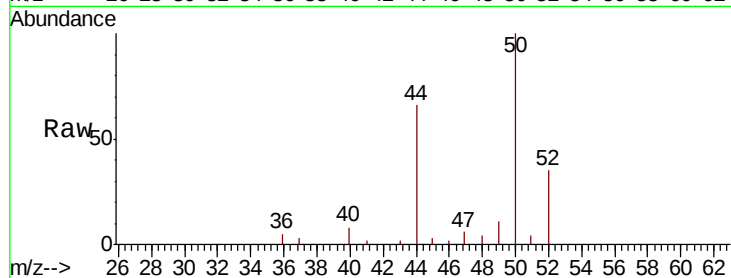
VSTDIC001

Tot Ion: 50 Resp: 11201

Ion Ratio Lower Upper

50 100

52 35.3 26.3 39.5



#4

Vinyl Chloride

Concen: 1.039 ug/l

RT: 2.19 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN050786.D

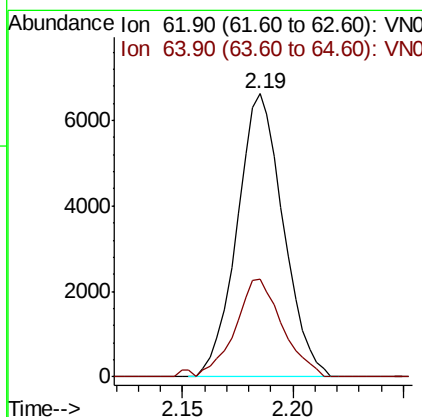
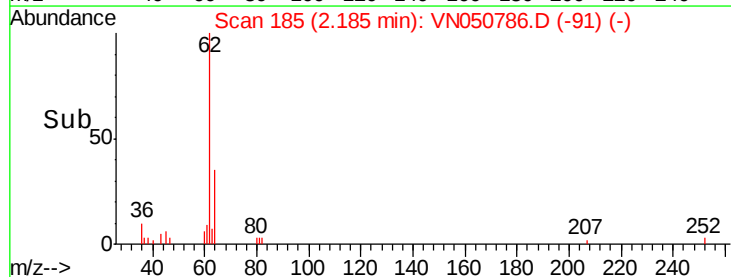
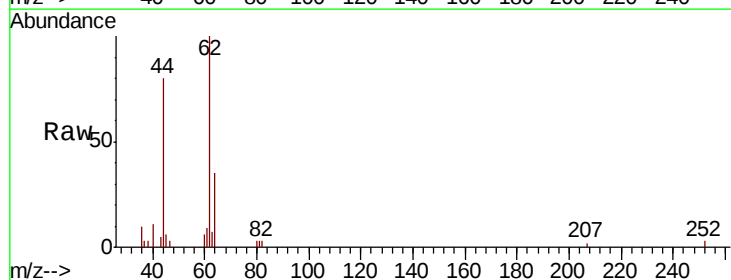
Acq: 21 Aug 2018 13:43

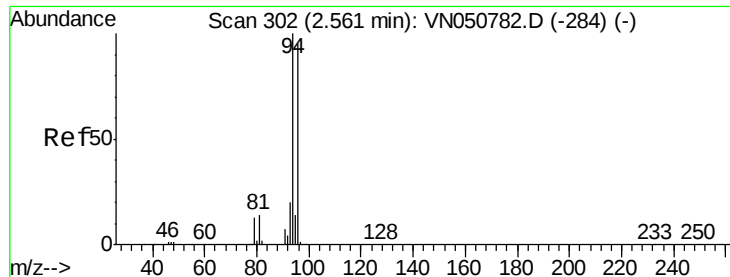
Tgt Ion: 62 Resp: 9611

Ion Ratio Lower Upper

62 100

64 34.5 25.4 38.2





#5

Bromomethane

Concen: 1.479 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampleId :

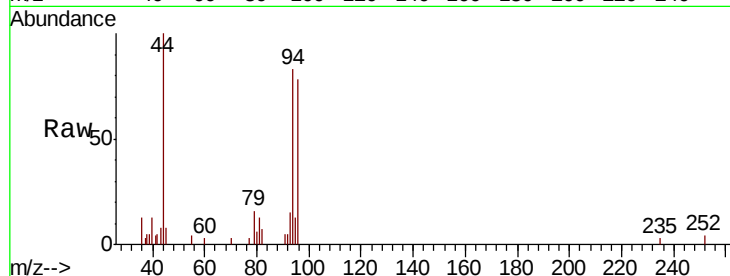
VSTDIC001

Tot Ion: 94 Resp: 8804

Ion Ratio Lower Upper

94 100

96 94.5 76.2 114.2

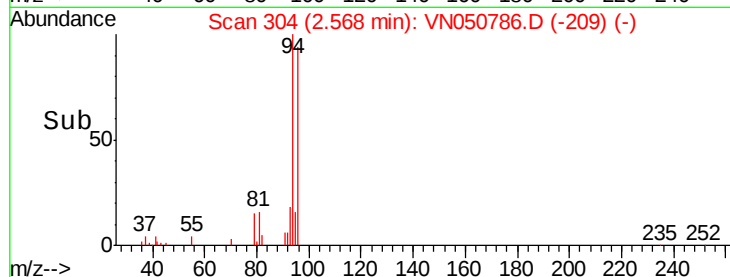


Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

Time-->



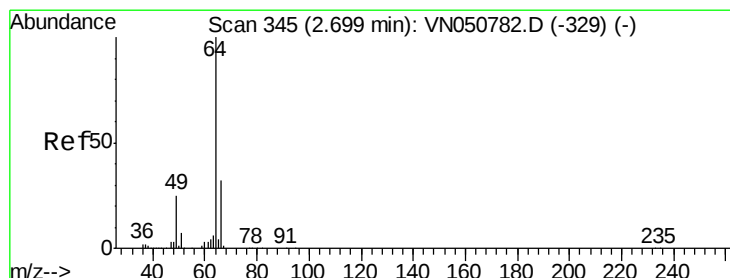
Abundance

Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

Time-->



#6

Chloroethane

Concen: 1.055 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN050786.D

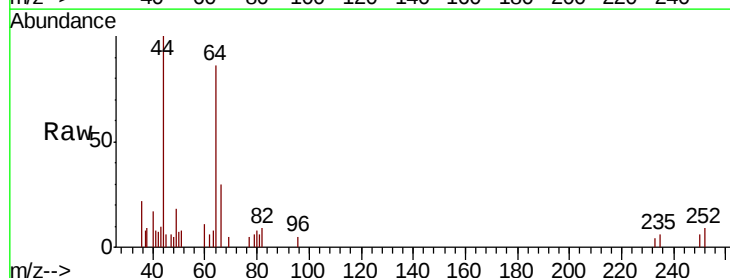
Acq: 21 Aug 2018 13:43

Tgt Ion: 64 Resp: 5635

Ion Ratio Lower Upper

64 100

66 34.5 25.3 37.9

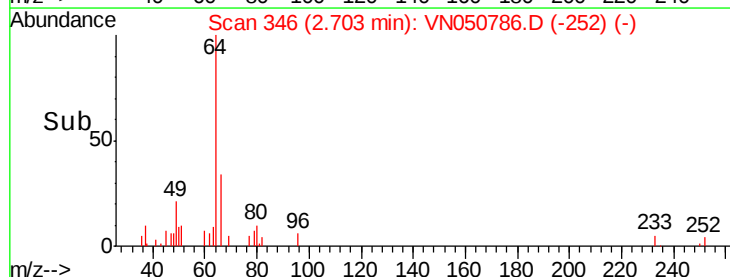


Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.70

Time-->



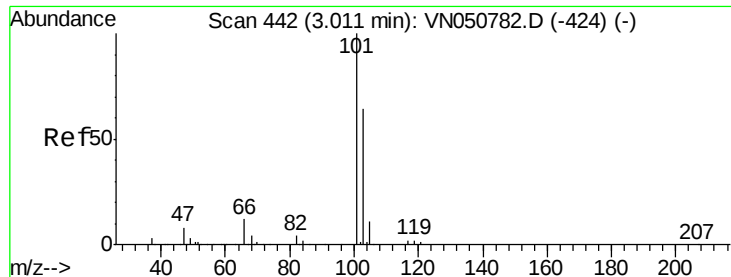
Abundance

Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.70

Time-->

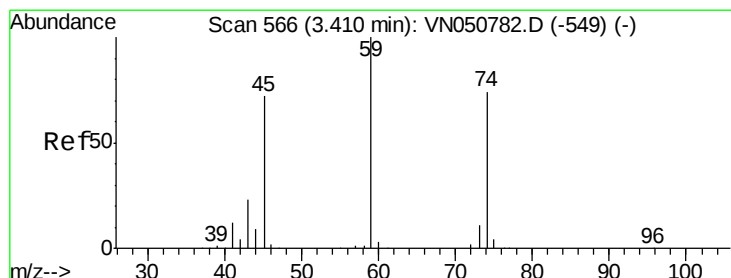
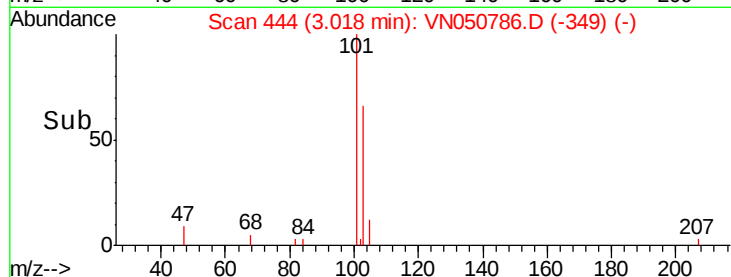
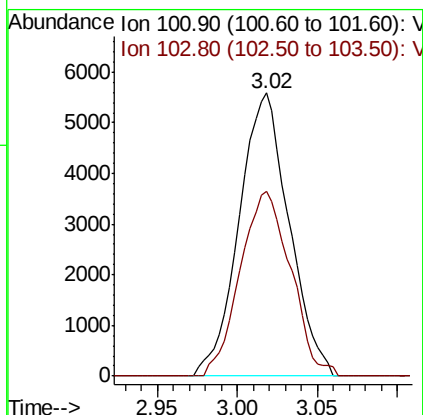
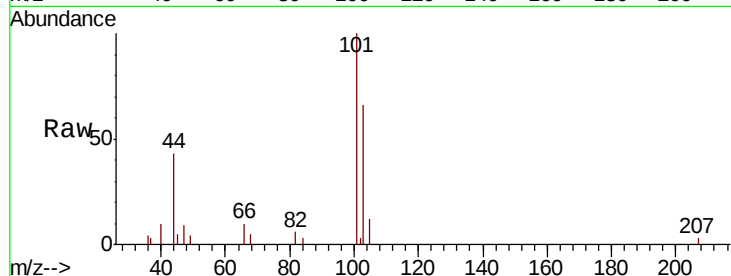


#7

Trichlorofluoromethane
 Concen: 1.011 ug/l
 RT: 3.02 min Scan# 444
 Delta R.T. 0.01 min
 Lab File: VN050786.D
 Acq: 21 Aug 2018 13:43

Instrument :
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 ClientSampleId :
 VSTDIC001

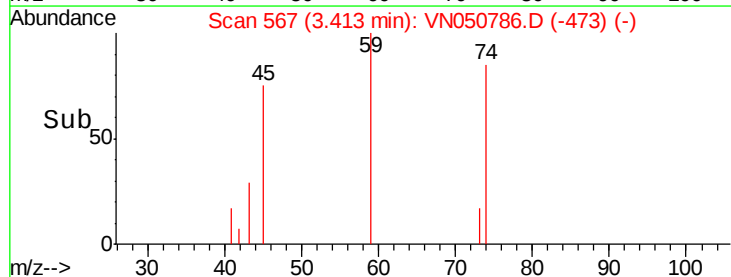
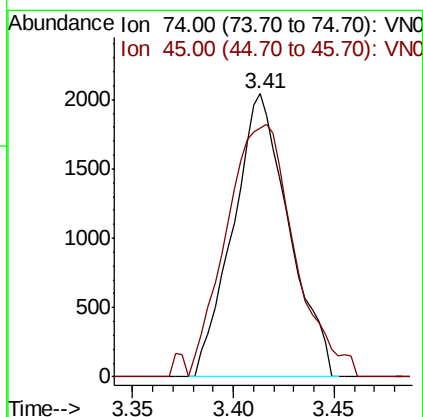
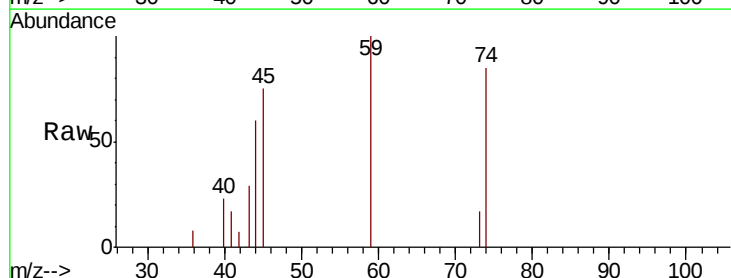
Tot Ion:101 Resp: 11971
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.6 77.4



#8

Diethyl Ether
 Concen: 0.980 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VN050786.D
 Acq: 21 Aug 2018 13:43

Tgt Ion: 74 Resp: 3946
 Ion Ratio Lower Upper
 74 100
 45 108.9 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.078 ug/l

RT: 3.76 min Scan# 676

Delta R.T. 0.01 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

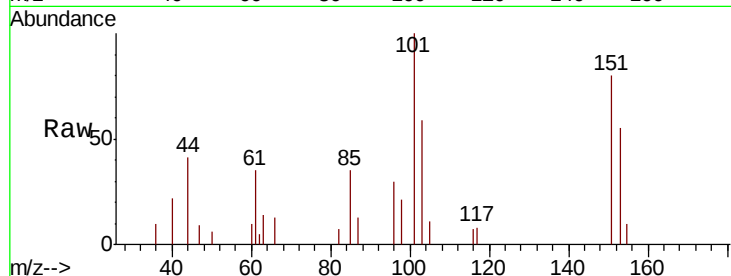
Tot Ion:101 Resp: 7975

Ion Ratio Lower Upper

101 100

85 40.6 33.7 50.5

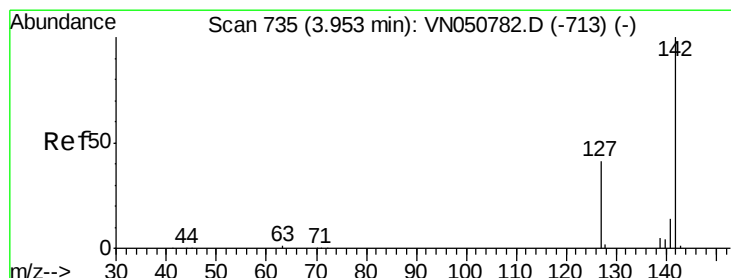
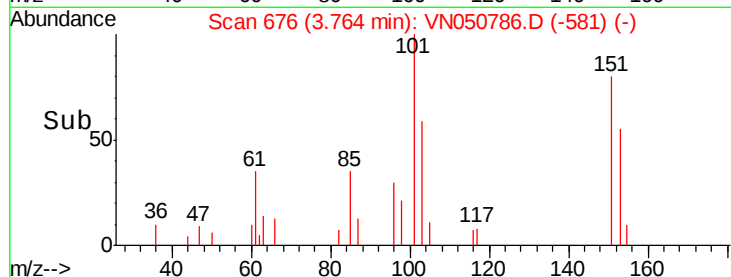
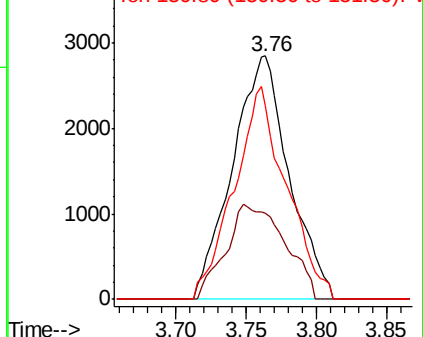
151 80.5 67.4 101.2



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: 0.957 ug/l

RT: 3.96 min Scan# 737

Delta R.T. 0.01 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

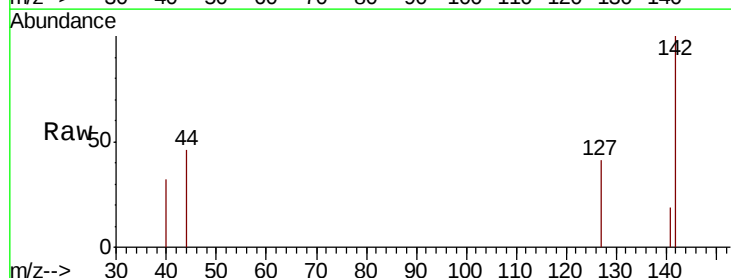
Tgt Ion:142 Resp: 5618

Ion Ratio Lower Upper

142 100

127 40.6 31.7 47.5

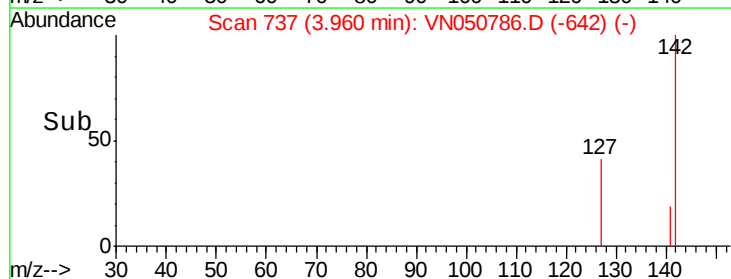
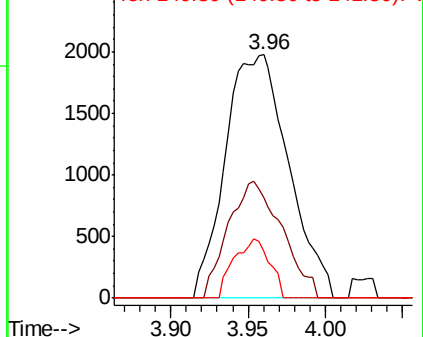
141 13.6 11.4 17.0

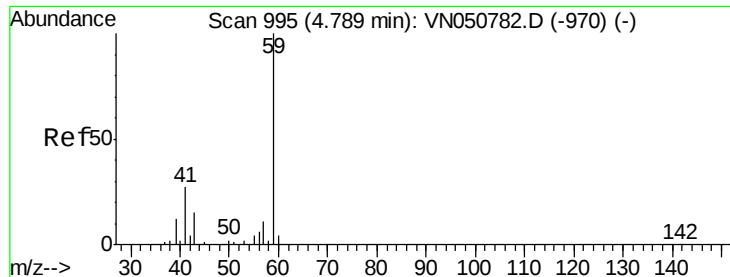


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



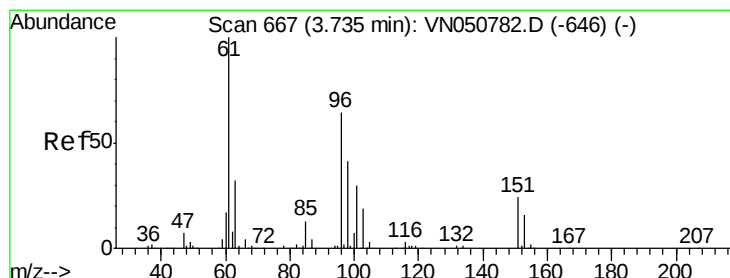
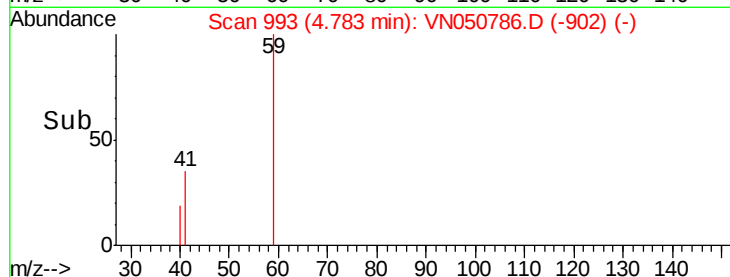
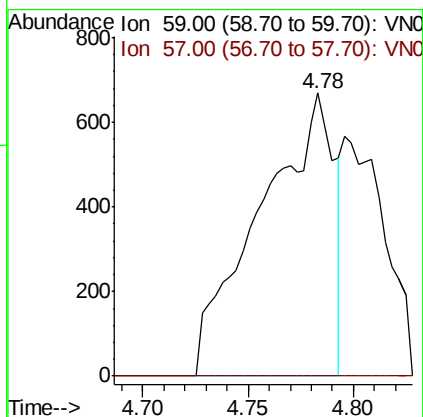
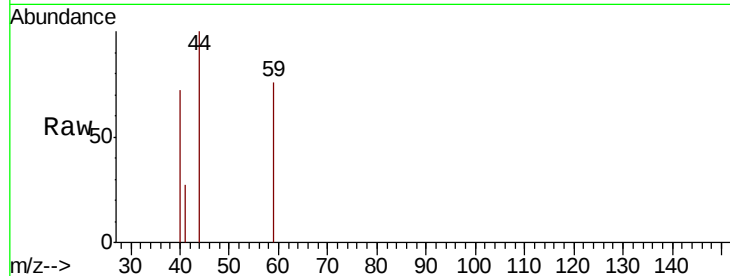


#11

Tert butyl alcohol
 Concen: 3.595 ug/l
 RT: 4.78 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VN050786.D
 Acq: 21 Aug 2018 13:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

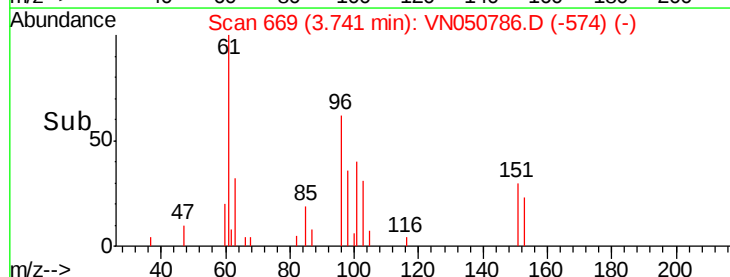
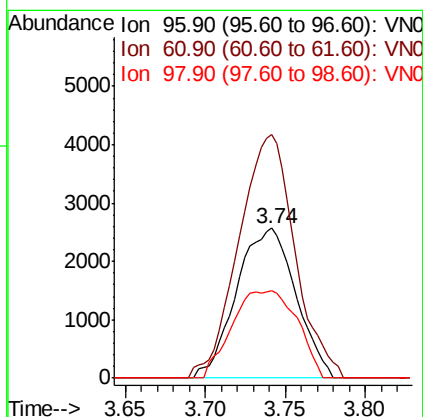
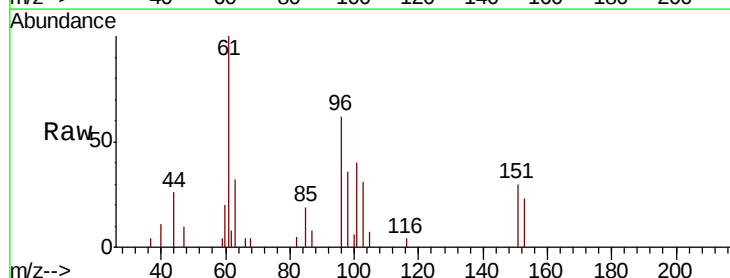
Tot Ion: 59 Resp: 1630
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#



#12

1,1-Dichloroethene
 Concen: 0.984 ug/l
 RT: 3.74 min Scan# 669
 Delta R.T. 0.01 min
 Lab File: VN050786.D
 Acq: 21 Aug 2018 13:43

Tgt Ion: 96 Resp: 6535
 Ion Ratio Lower Upper
 96 100
 61 162.5 124.9 187.3
 98 58.6 51.1 76.7





#13

Acrolein

Concen: 6.408 ug/l

RT: 3.62 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampled :

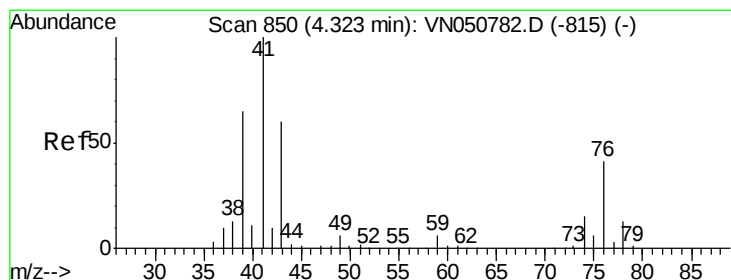
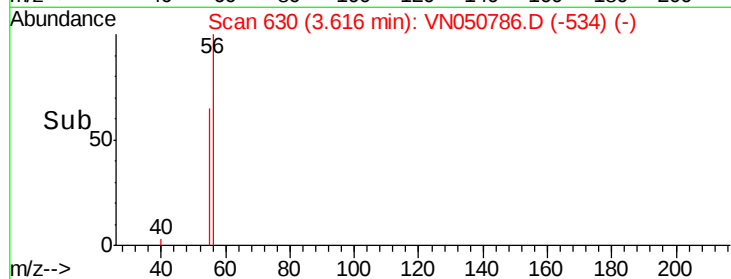
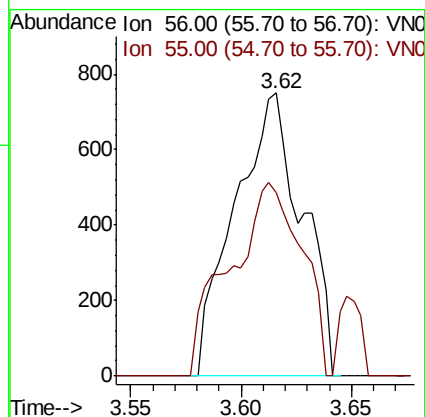
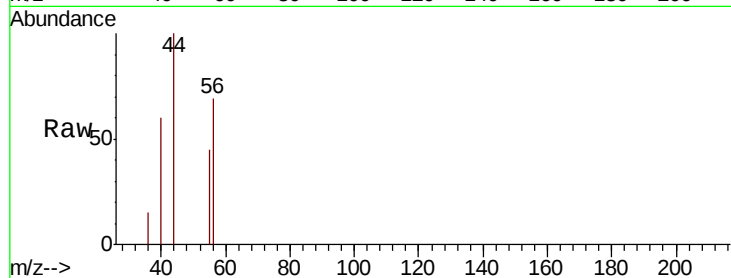
VSTDIC001

Tot Ion: 56 Resp: 1587

Ion Ratio Lower Upper

56 100

55 73.3 57.7 86.5



#14

Allyl chloride

Concen: 0.971 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

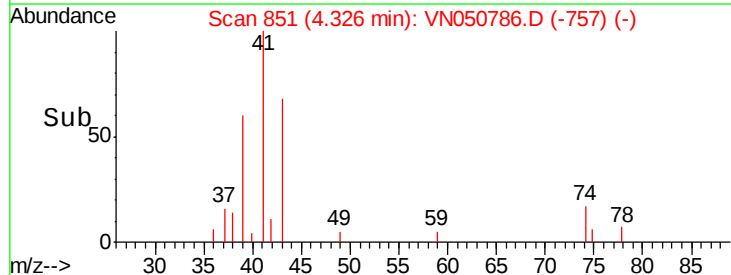
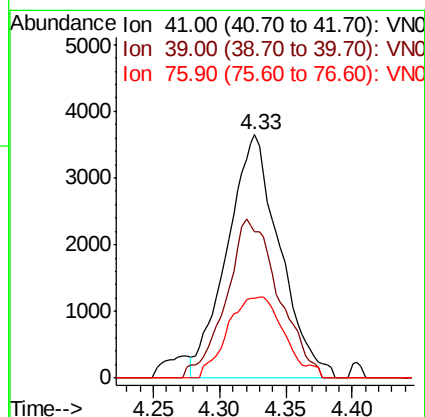
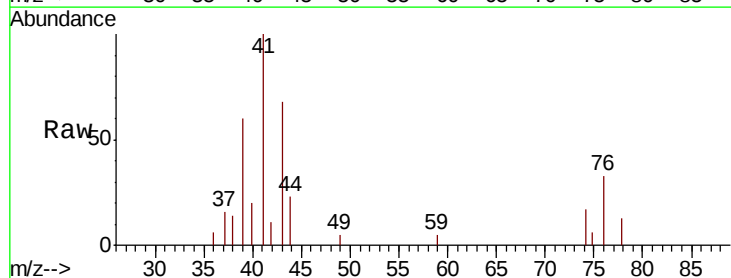
Tgt Ion: 41 Resp: 10049

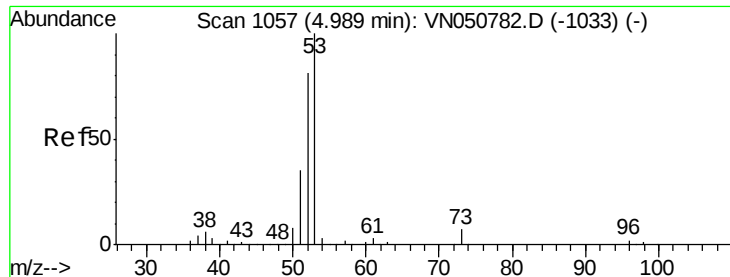
Ion Ratio Lower Upper

41 100

39 65.4 50.2 75.2

76 35.8 29.8 44.8





#15

Acrylonitrile

Concen: 4.529 ug/l

RT: 5.00 min Scan# 1060

Delta R.T. 0.01 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

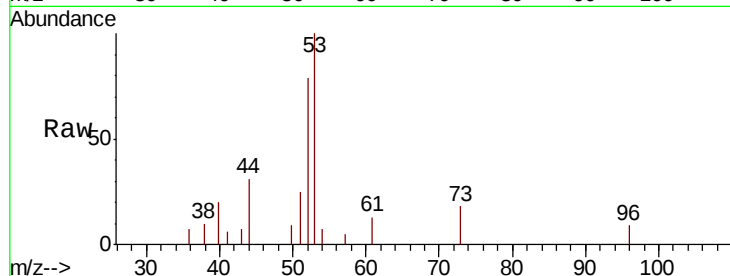
Tot Ion: 53 Resp: 10436

Ion Ratio Lower Upper

53 100

52 82.0 65.9 98.9

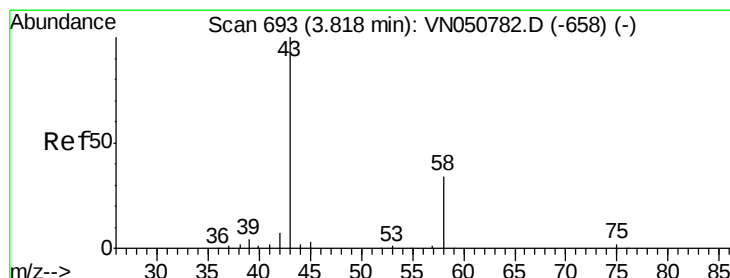
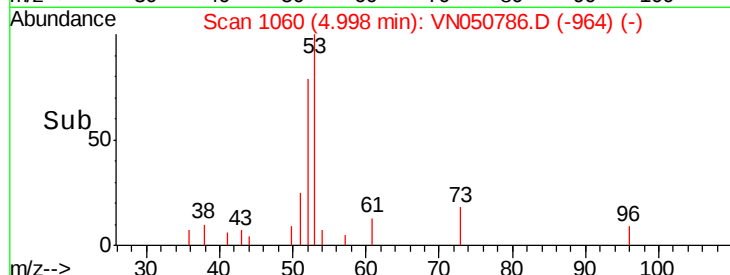
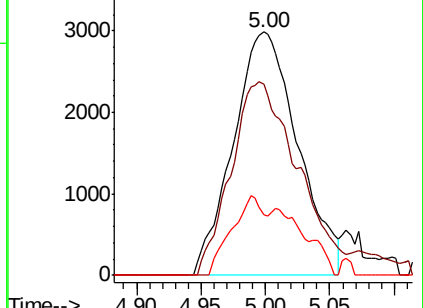
51 16.7 28.6 43.0#



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: 6.068 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050786.D

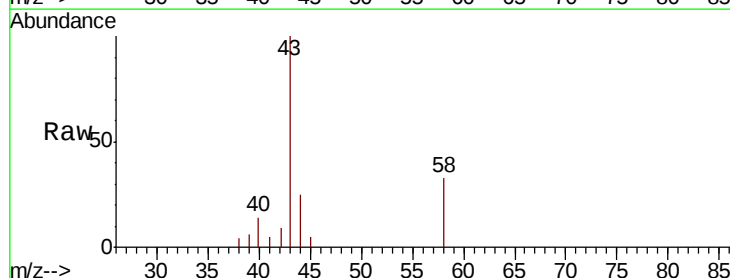
Acq: 21 Aug 2018 13:43

Tgt Ion: 43 Resp: 11914

Ion Ratio Lower Upper

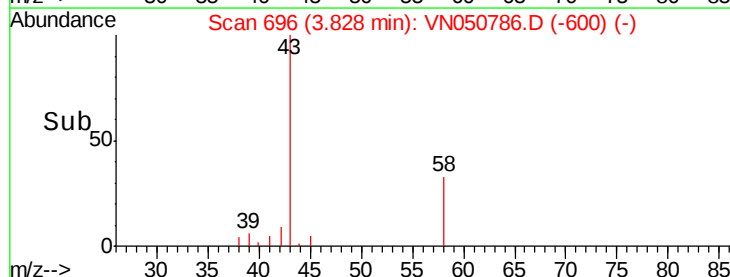
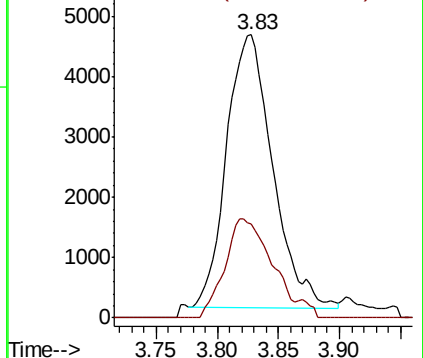
43 100

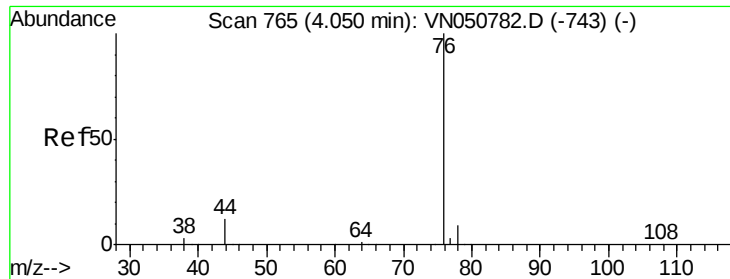
58 34.4 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 1.268 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampleId :

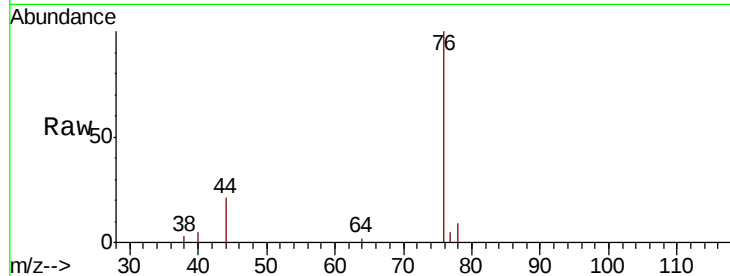
VSTDIC001

Tot Ion: 76 Resp: 28246

Ion Ratio Lower Upper

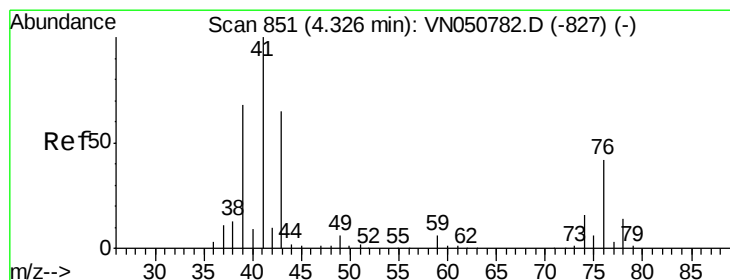
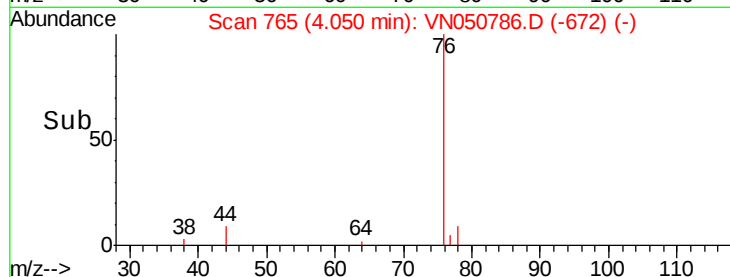
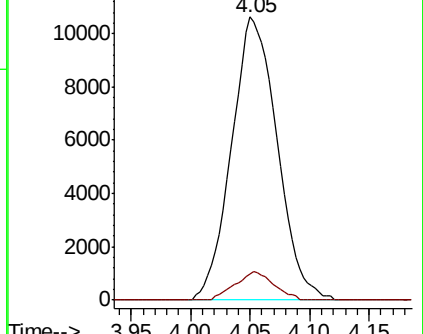
76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 1.320 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN050786.D

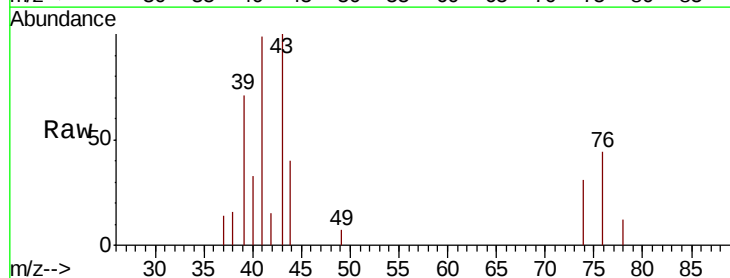
Acq: 21 Aug 2018 13:43

Tgt Ion: 43 Resp: 8935

Ion Ratio Lower Upper

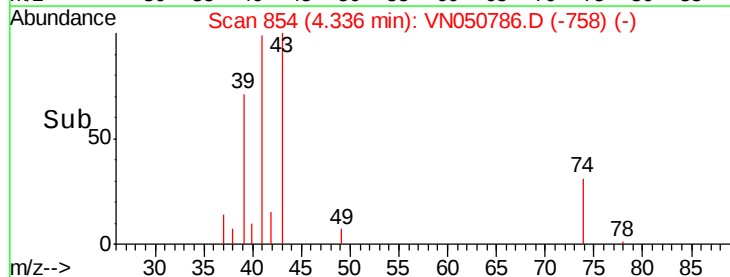
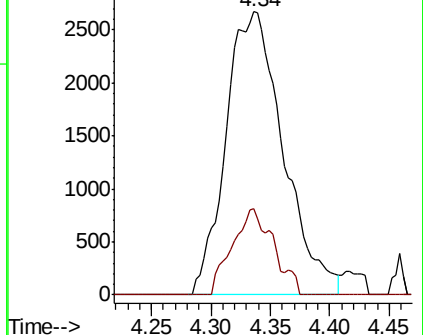
43 100

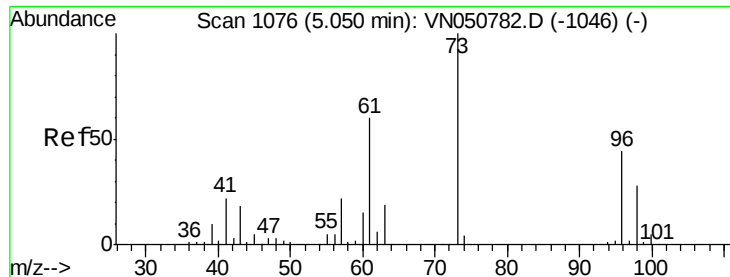
74 21.9 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



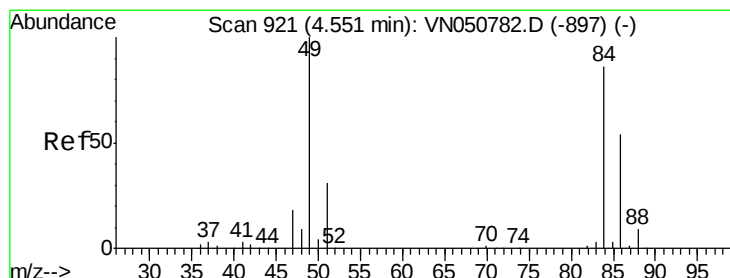
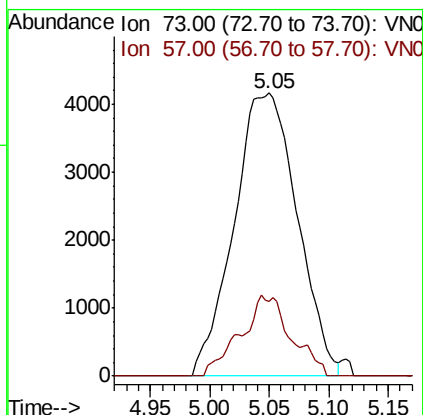
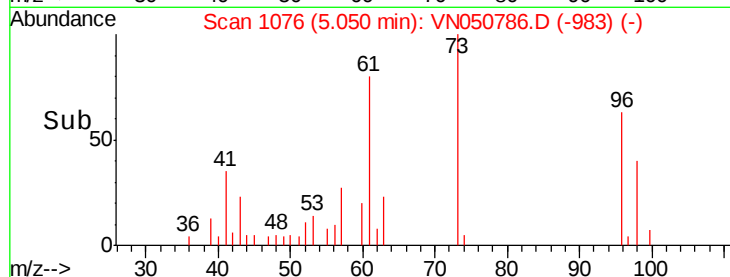
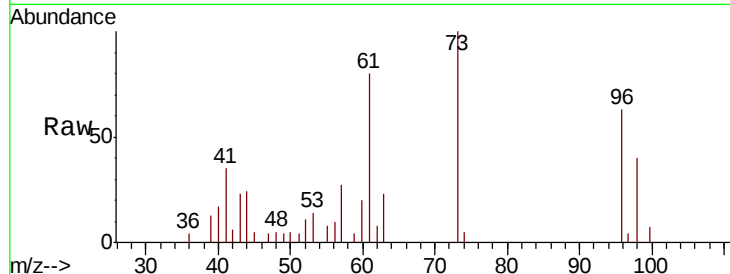


#19

Methyl tert-butyl Ether
 Concen: 0.918 ug/l
 RT: 5.05 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: VN050786.D
 Acq: 21 Aug 2018 13:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

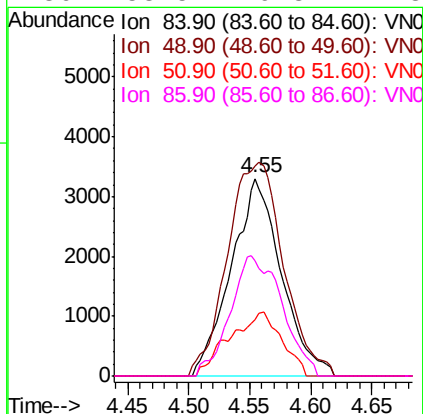
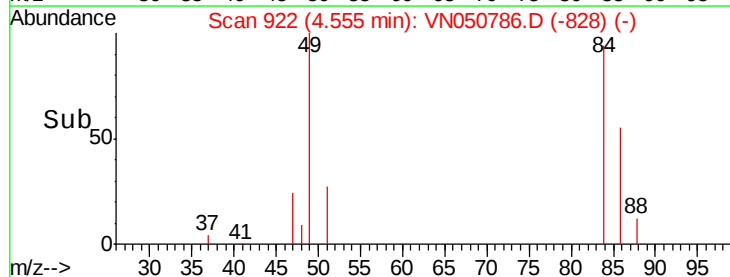
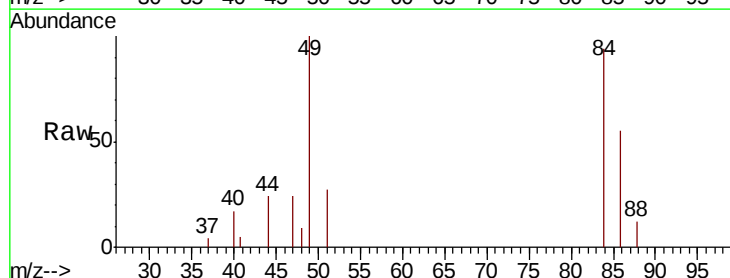
Tot Ion: 73 Resp: 15342
 Ion Ratio Lower Upper
 73 100
 57 26.5 17.8 26.8

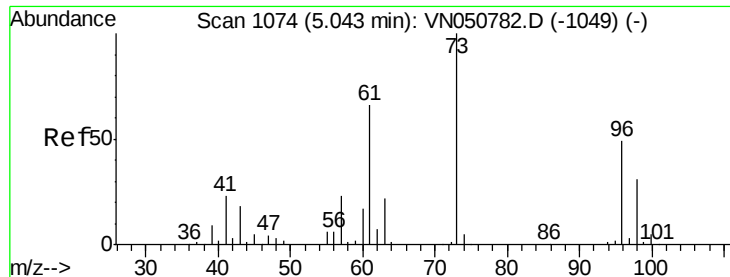


#20

Methylene Chloride
 Concen: 1.177 ug/l
 RT: 4.55 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN050786.D
 Acq: 21 Aug 2018 13:43

Tgt Ion: 84 Resp: 9442
 Ion Ratio Lower Upper
 84 100
 49 106.5 93.2 139.8
 51 28.6 29.0 43.6#
 86 58.5 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 0.534 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

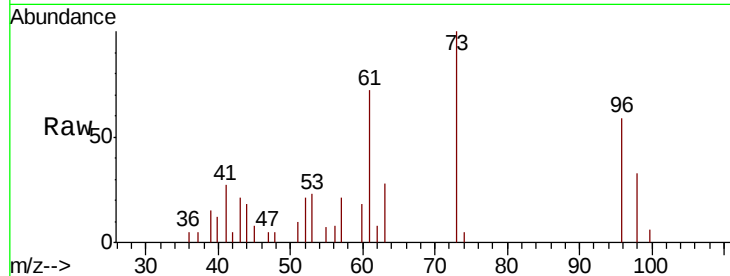
Tot Ion: 96 Resp: 3823

Ion Ratio Lower Upper

96 100

61 120.9 107.4 161.0

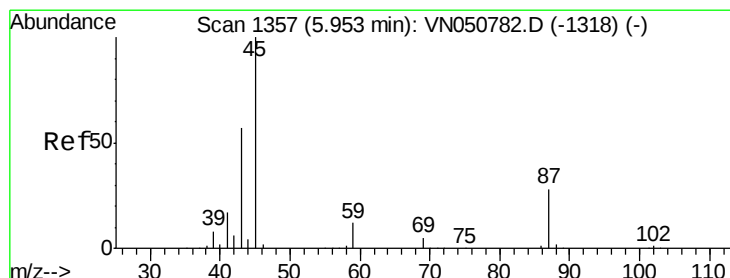
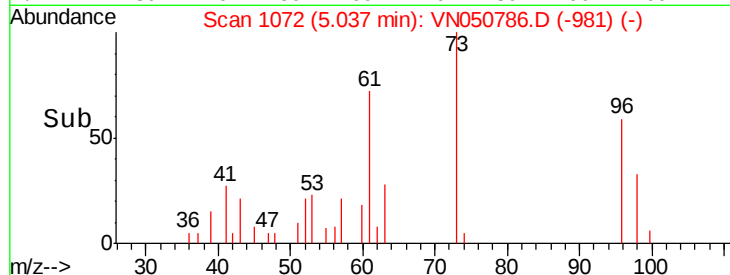
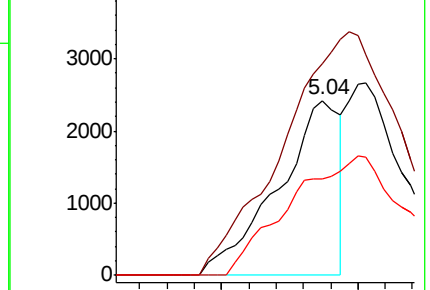
98 54.7 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 0.870 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Tgt Ion: 45 Resp: 17950

Ion Ratio Lower Upper

45 100

43 82.4 45.9 68.9#

87 26.6 22.7 34.1

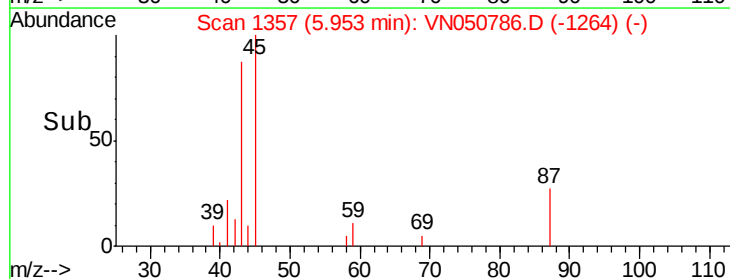
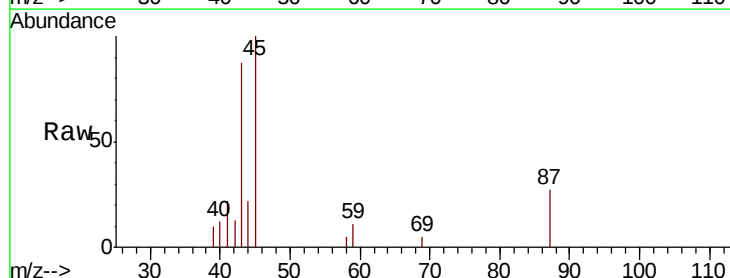
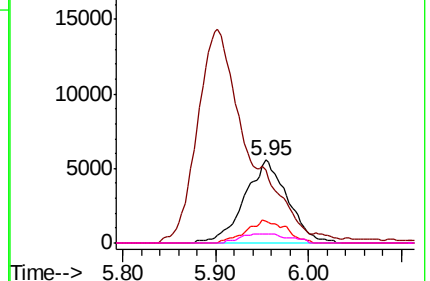
59 11.1 9.3 13.9

Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 4.179 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampleId :

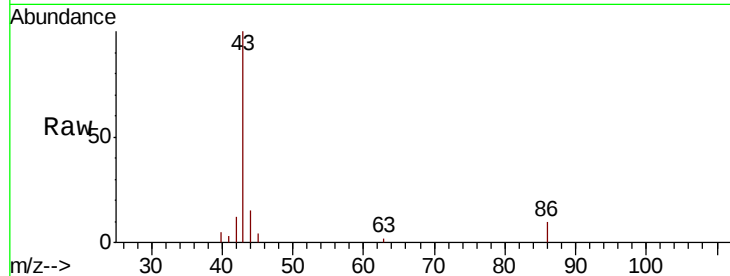
VSTDIC001

Tot Ion: 43 Resp: 55517

Ion Ratio Lower Upper

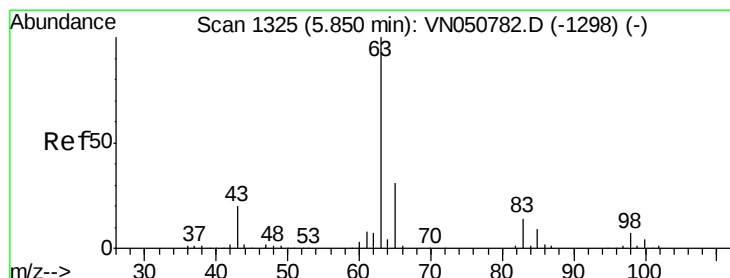
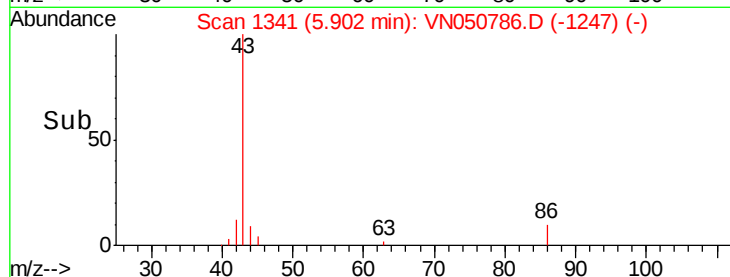
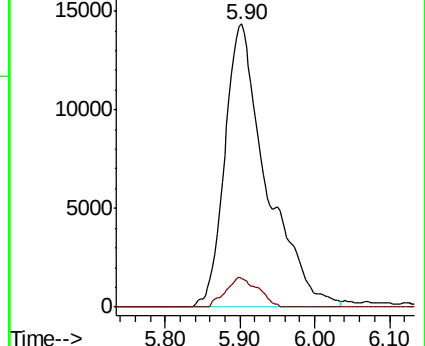
43 100

86 10.3 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN050786.D (-1341) (-)

Ion 86.00 (85.70 to 86.70): VN050786.D (-1341) (-)



#24

1,1-Dichloroethane

Concen: 1.057 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

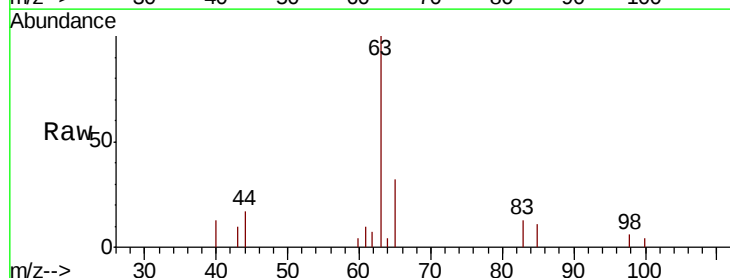
Tgt Ion: 63 Resp: 14000

Ion Ratio Lower Upper

63 100

98 5.8 3.3 9.8

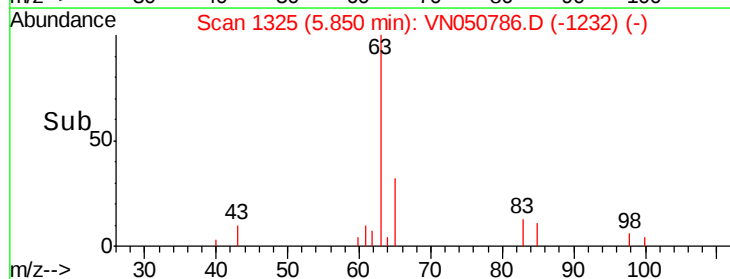
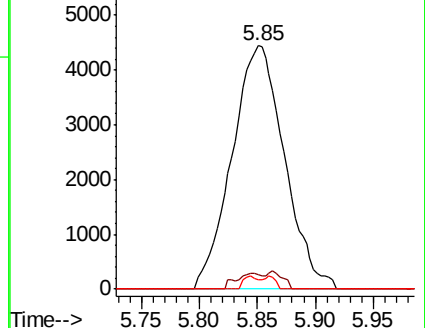
100 3.6 2.1 6.5

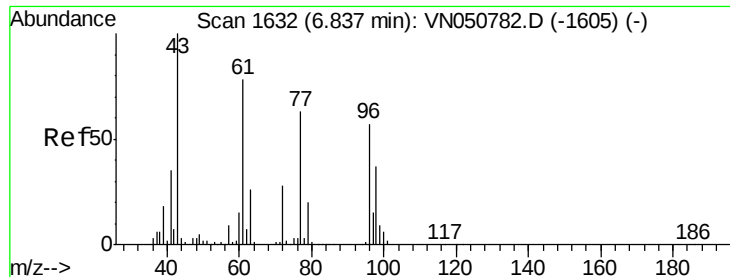


Abundance Ion 62.90 (62.60 to 63.60): VN050786.D (-1325) (-)

Ion 97.90 (97.60 to 98.60): VN050786.D (-1325) (-)

Ion 99.90 (99.60 to 100.60): VN050786.D (-1325) (-)

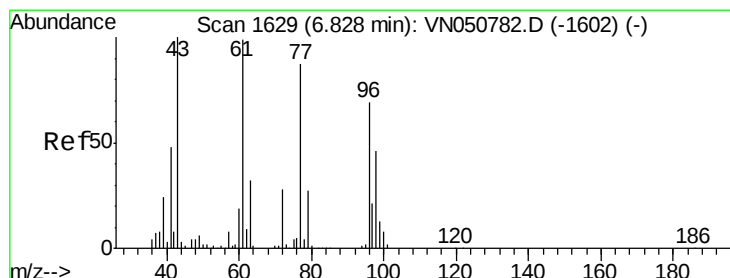
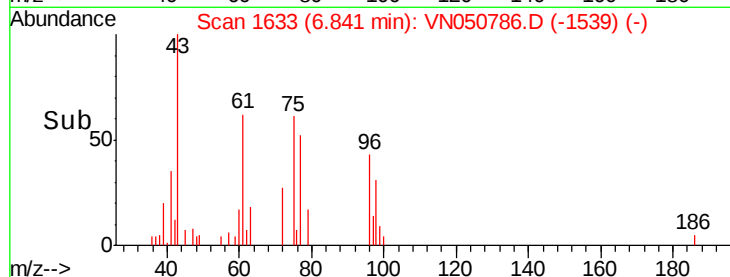
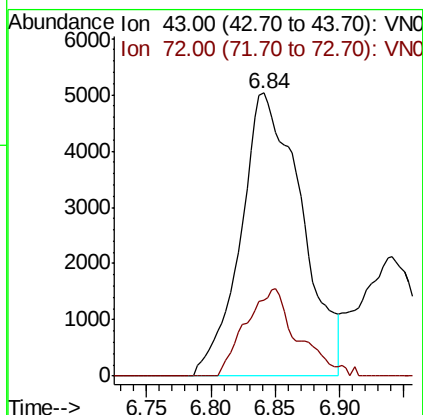
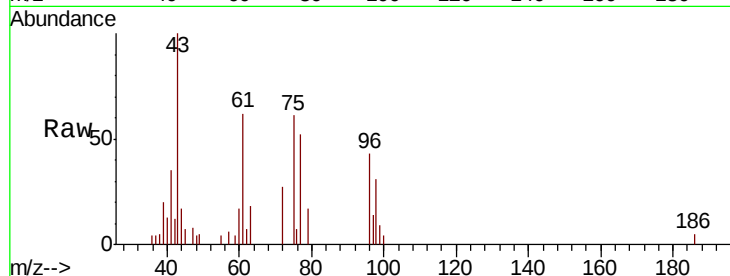




#25
 2-Butanone
 Concen: 5.771 ug/l
 RT: 6.84 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: VN050786.D
 Acq: 21 Aug 2018 13:43

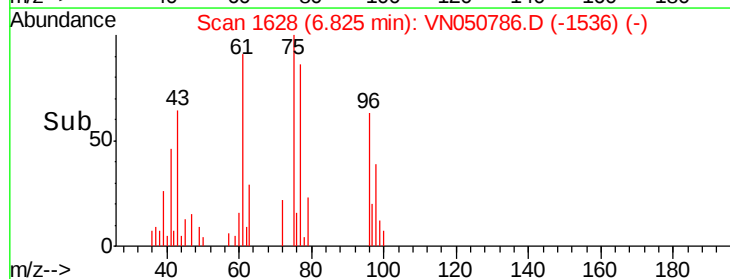
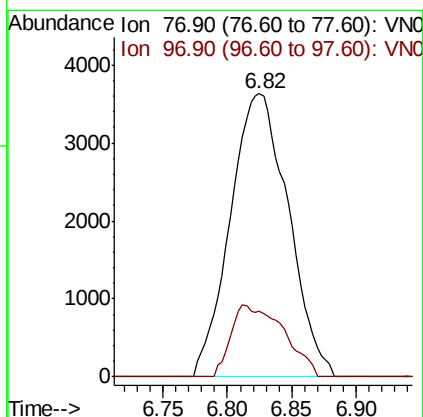
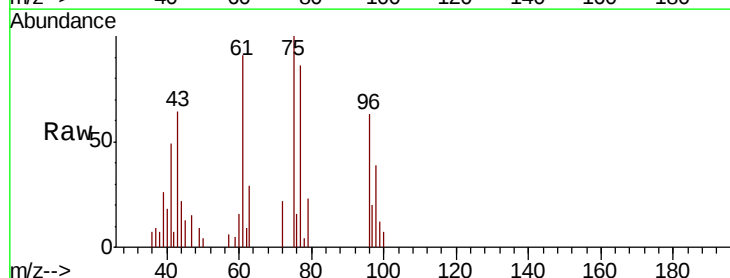
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 43 Resp: 16559
 Ion Ratio Lower Upper
 43 100
 72 26.9 22.3 33.5



#26
 2,2-Dichloropropane
 Concen: 1.068 ug/l
 RT: 6.82 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: VN050786.D
 Acq: 21 Aug 2018 13:43

Tgt Ion: 77 Resp: 11370
 Ion Ratio Lower Upper
 77 100
 97 23.2 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 0.968 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

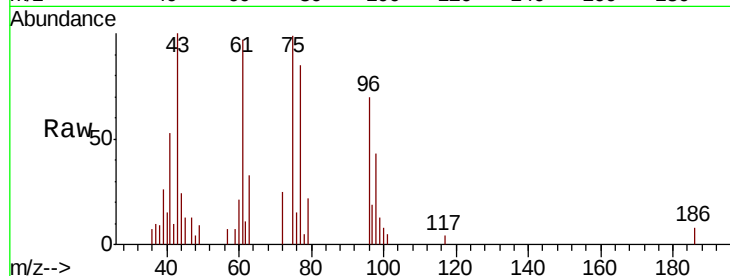
Tot Ion: 96 Resp: 7495

Ion Ratio Lower Upper

96 100

61 157.6 0.0 283.4

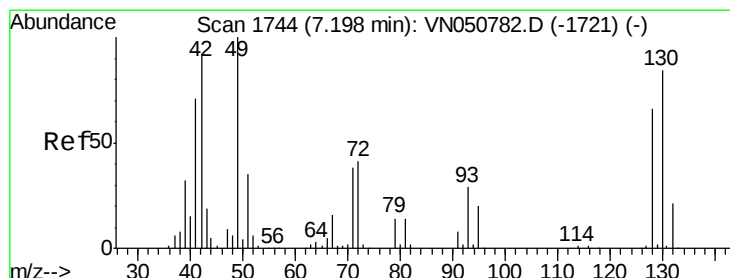
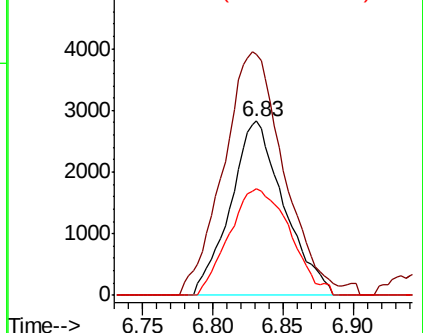
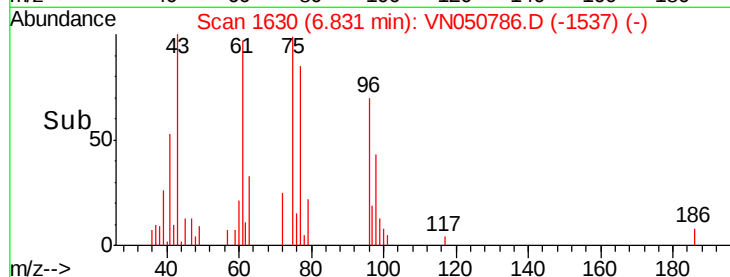
98 69.4 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 0.927 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

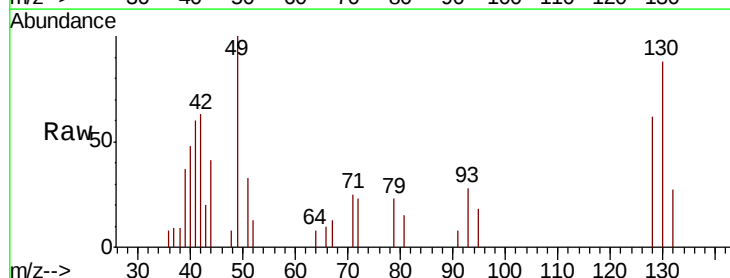
Tgt Ion: 49 Resp: 5216

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

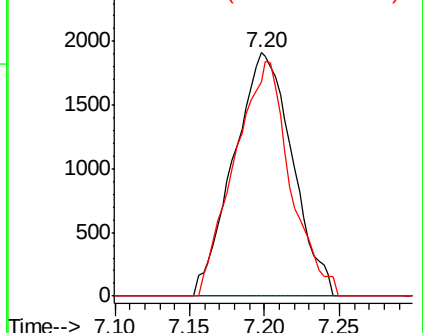
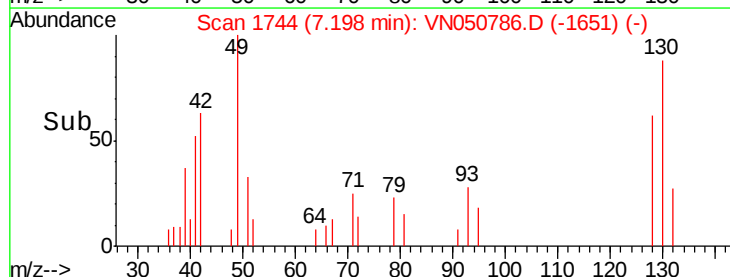
130 91.4 67.1 100.7

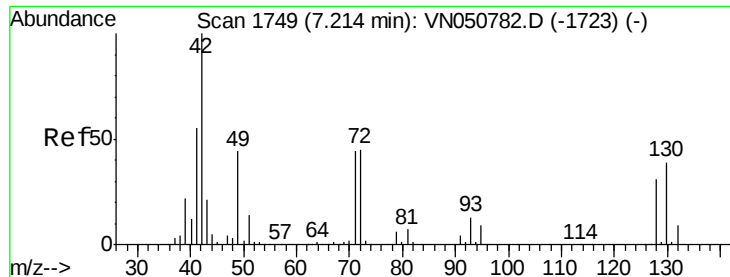


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 4.449 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

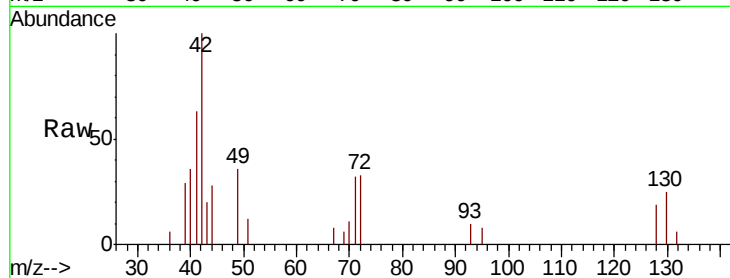
Tot Ion: 42 Resp: 7320

Ion Ratio Lower Upper

42 100

72 22.9 35.5 53.3#

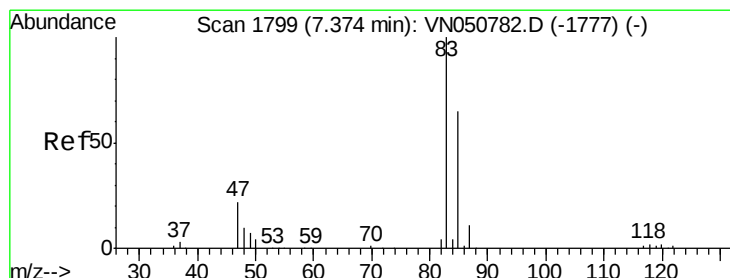
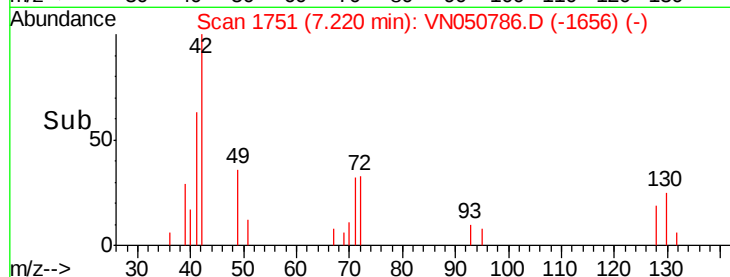
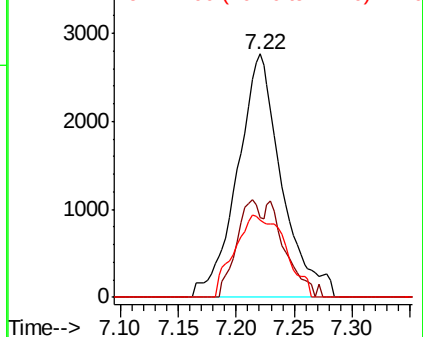
71 38.5 33.7 50.5



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: 1.017 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN050786.D

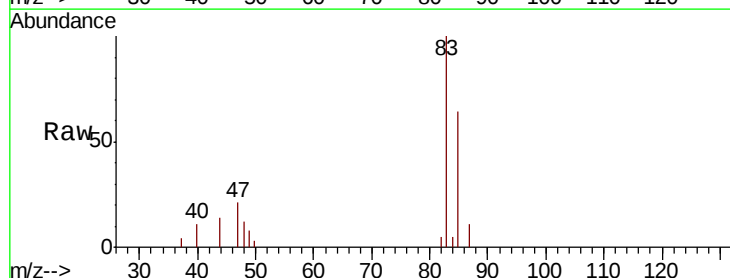
Acq: 21 Aug 2018 13:43

Tgt Ion: 83 Resp: 13340

Ion Ratio Lower Upper

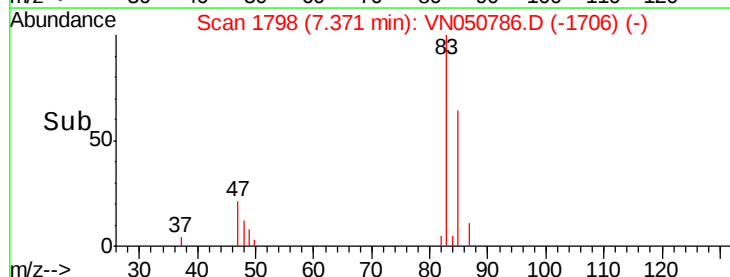
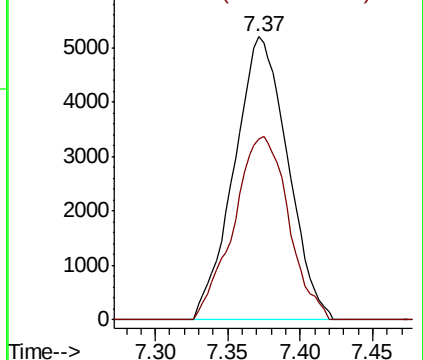
83 100

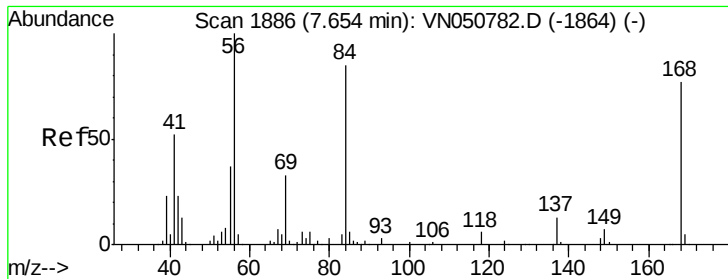
85 63.9 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

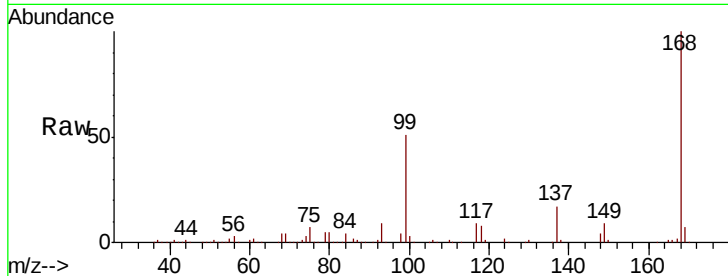




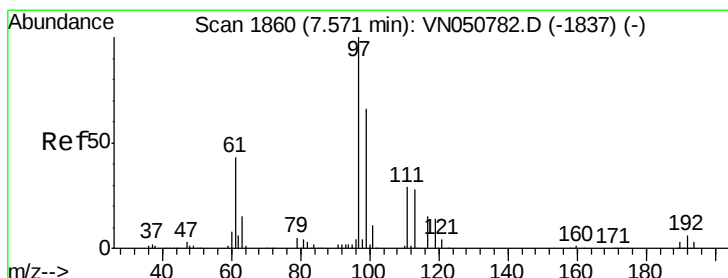
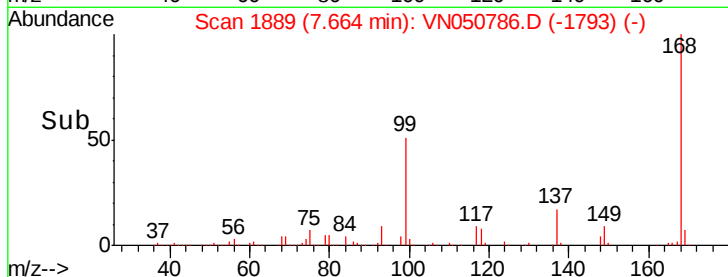
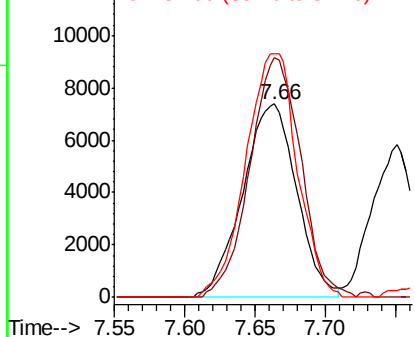
#31
Cyclohexane
Concen: 1.504 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN050786.D
Acq: 21 Aug 2018 13:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 56 Resp: 19786
Ion Ratio Lower Upper
56 100
69 124.3 26.2 39.4#
84 126.0 68.3 102.5#

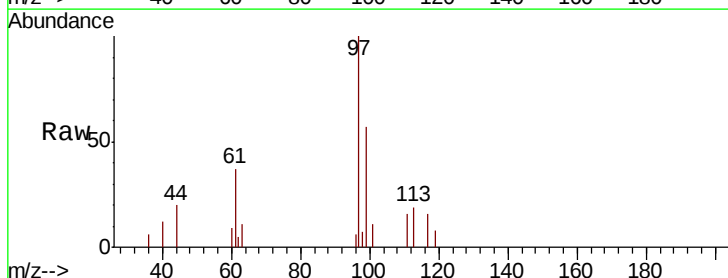


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

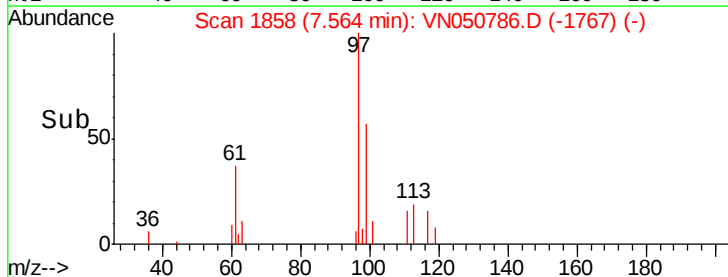
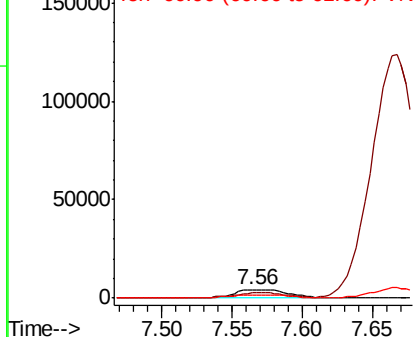


#32
1,1,1-Trichloroethane
Concen: 1.038 ug/l
RT: 7.56 min Scan# 1858
Delta R.T. -0.01 min
Lab File: VN050786.D
Acq: 21 Aug 2018 13:43

Tgt Ion: 97 Resp: 11698
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 42.2 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: 1.249 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampleId :

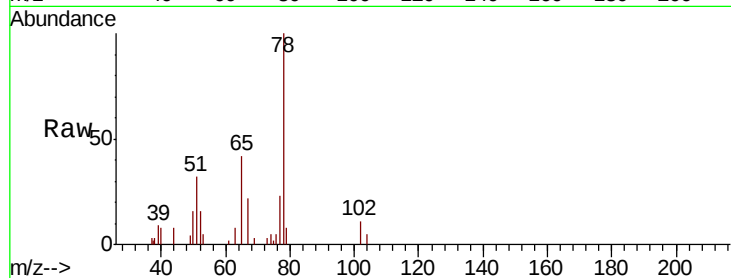
VSTDIC001

Tot Ion: 65 Resp: 8895

Ion Ratio Lower Upper

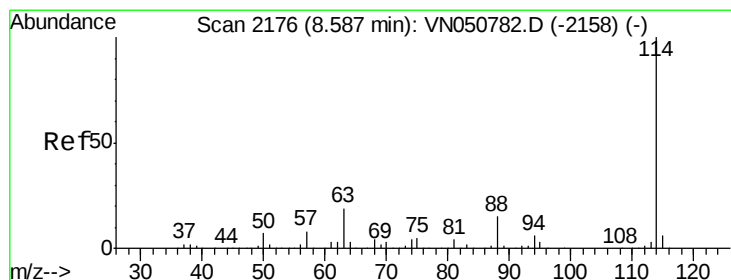
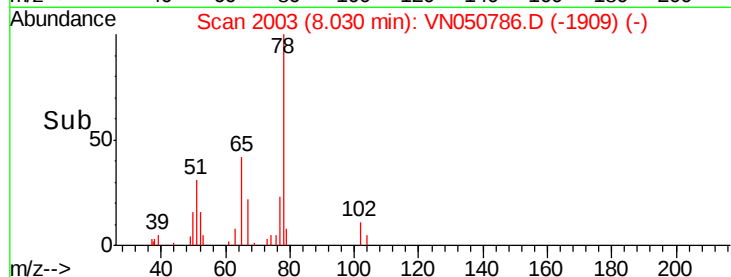
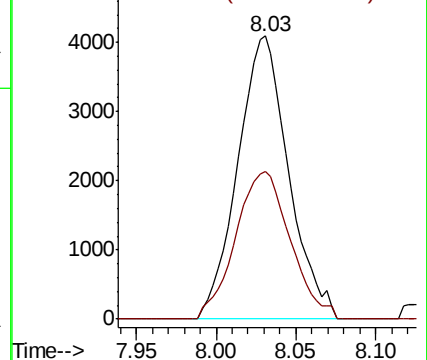
65 100

67 56.2 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

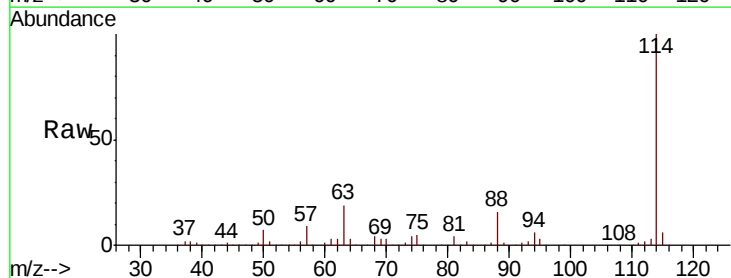
Tgt Ion: 114 Resp: 902190

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

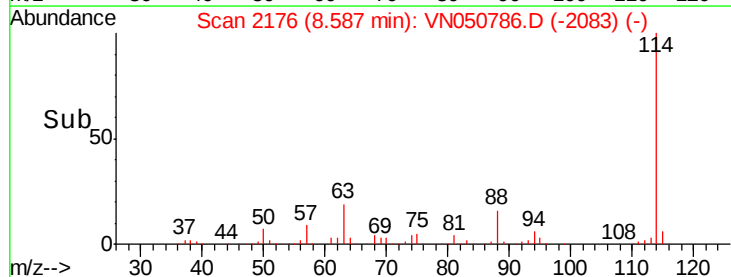
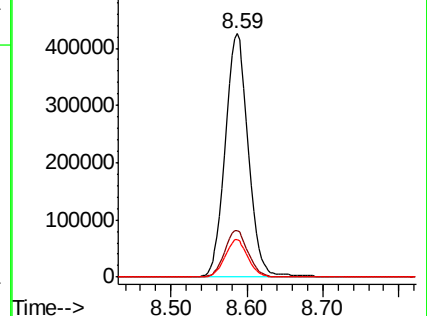
88 15.6 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

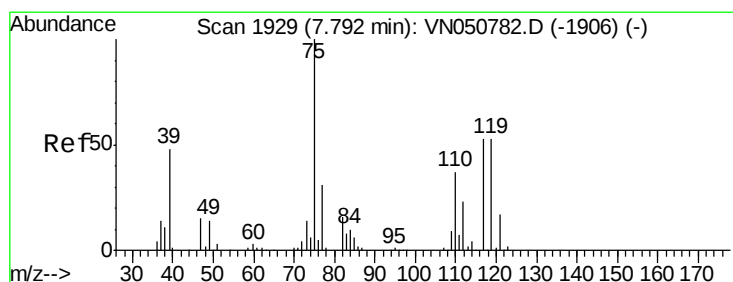
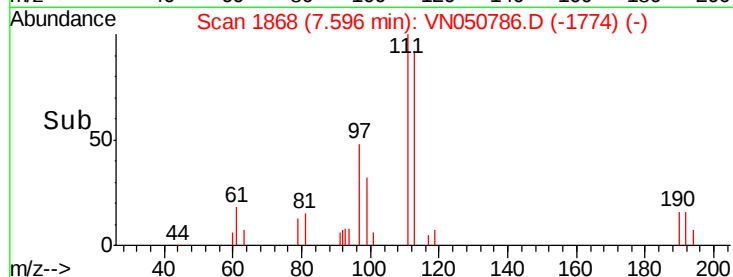
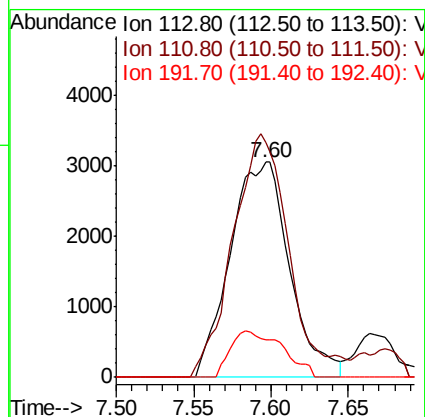
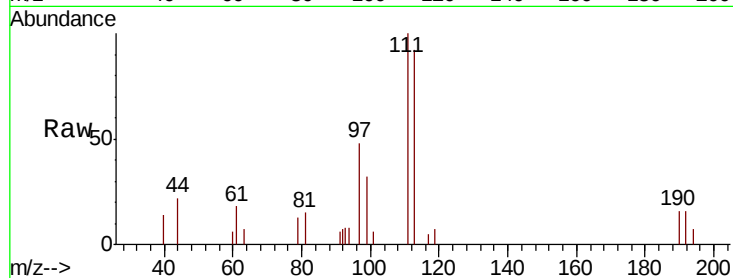




#35
 Dibromofluoromethane
 Concen: 1.134 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050786.D
 Acq: 21 Aug 2018 13:43

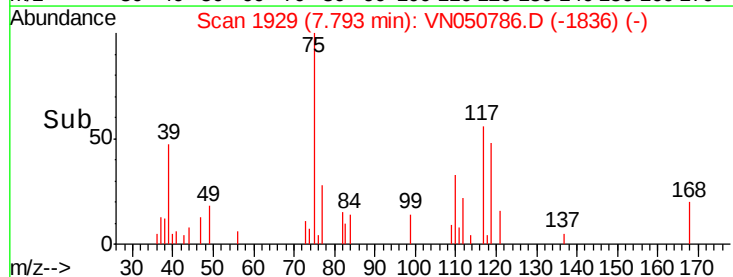
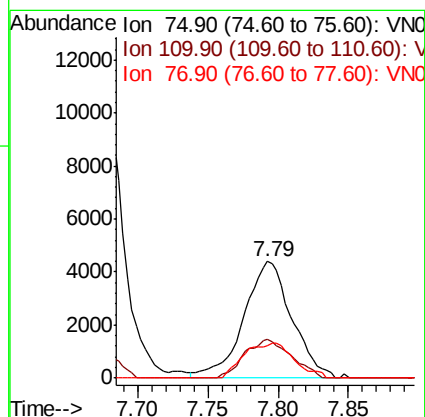
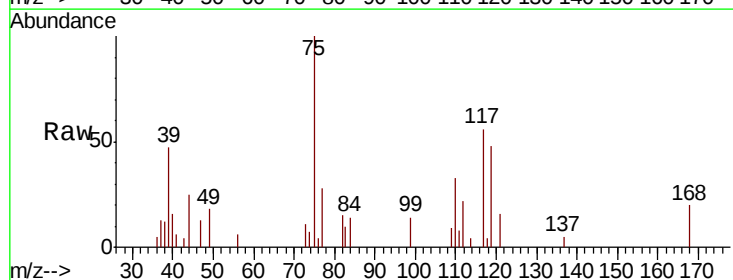
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

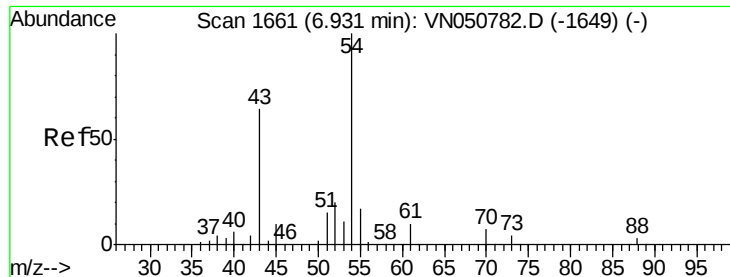
Tot Ion:113 Resp: 8138
 Ion Ratio Lower Upper
 113 100
 111 107.1 82.6 123.8
 192 18.8 18.0 27.0



#36
 1,1-Dichloropropene
 Concen: 0.982 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN050786.D
 Acq: 21 Aug 2018 13:43

Tgt Ion: 75 Resp: 10454
 Ion Ratio Lower Upper
 75 100
 110 32.1 18.1 54.4
 77 31.3 24.8 37.2

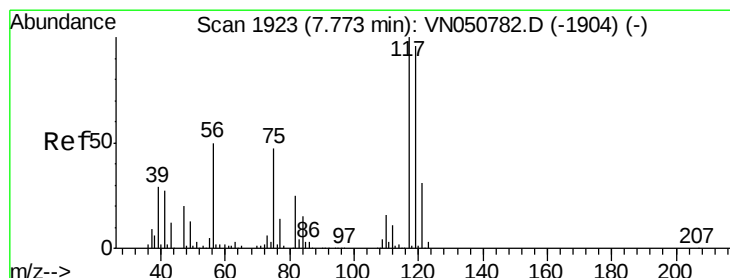
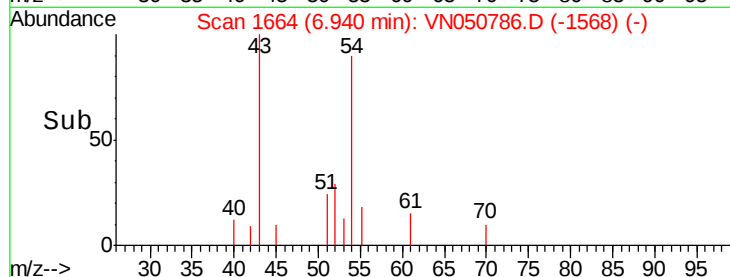
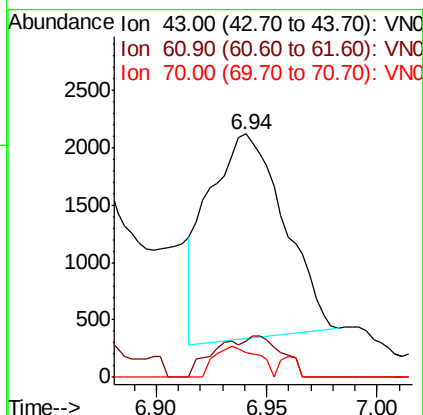
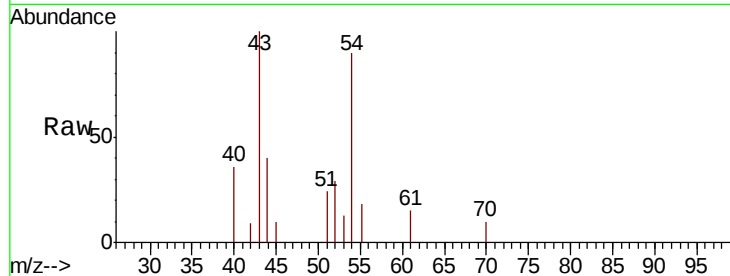




#37
Ethyl Acetate
Concen: 0.724 ug/l
RT: 6.94 min Scan# 1664
Delta R.T. 0.01 min
Lab File: VN050786.D
Acq: 21 Aug 2018 13:43

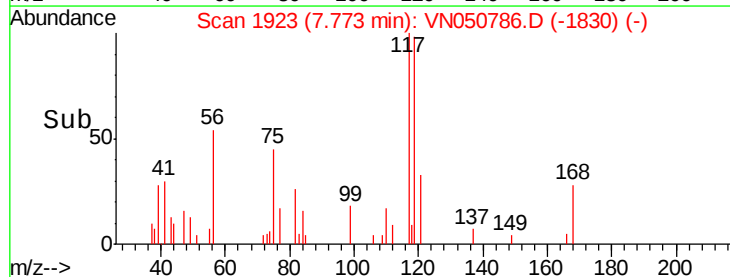
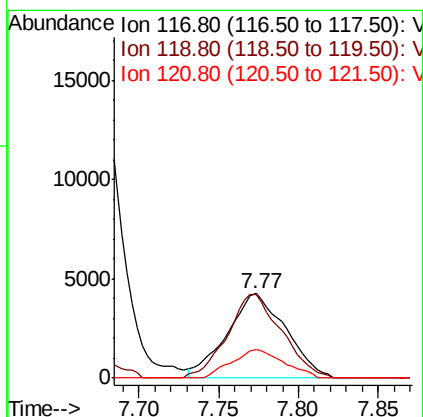
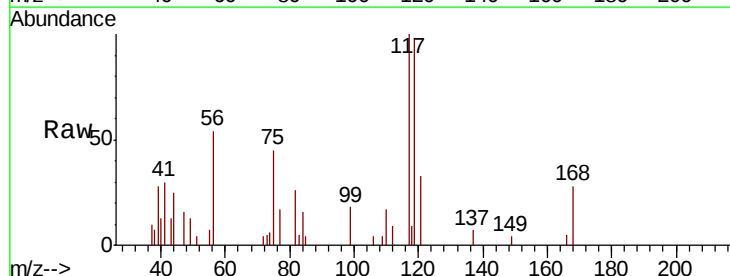
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion: 43 Resp: 4244
Ion Ratio Lower Upper
43 100
61 17.5 12.0 18.0
70 8.6 8.6 13.0#



#38
Carbon Tetrachloride
Concen: 0.992 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN050786.D
Acq: 21 Aug 2018 13:43

Tgt Ion: 117 Resp: 10675
Ion Ratio Lower Upper
117 100
119 98.1 76.3 114.5
121 33.3 24.6 36.8

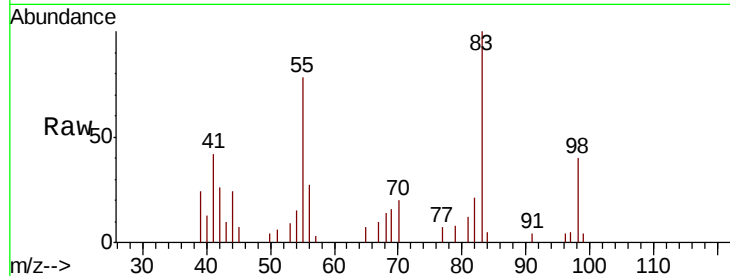




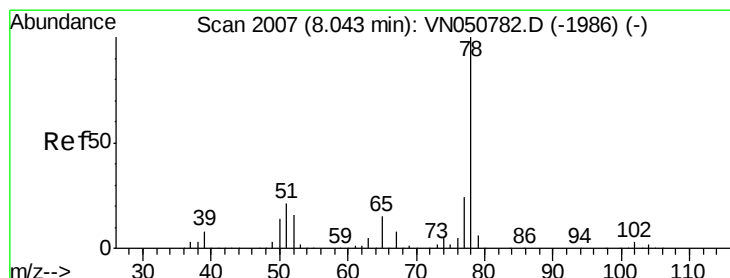
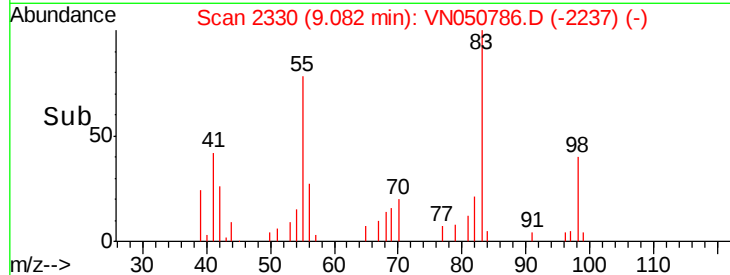
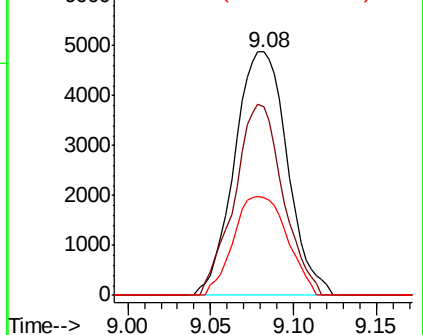
#39
Methvlcvclohexane
Concen: 0.937 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN050786.D
Acq: 21 Aug 2018 13:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 83 Resp: 10789
Ion Ratio Lower Upper
83 100
55 77.6 61.0 91.4
98 39.9 37.5 56.3

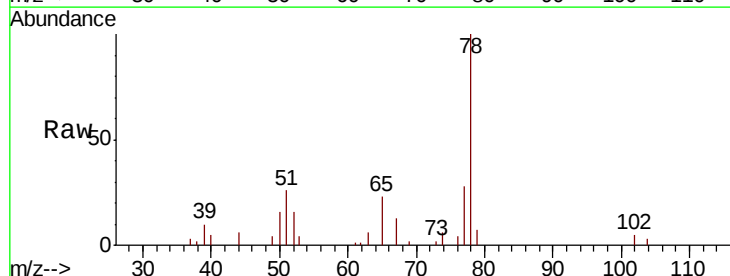


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

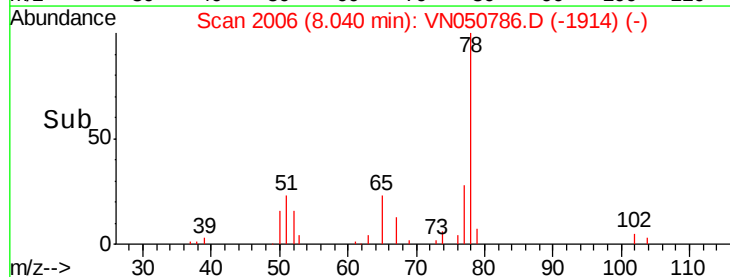
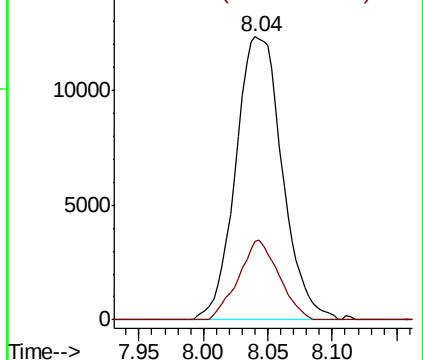


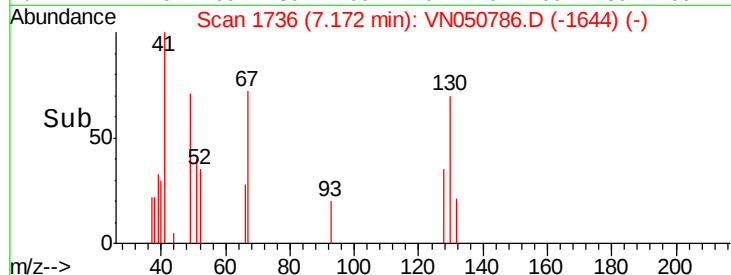
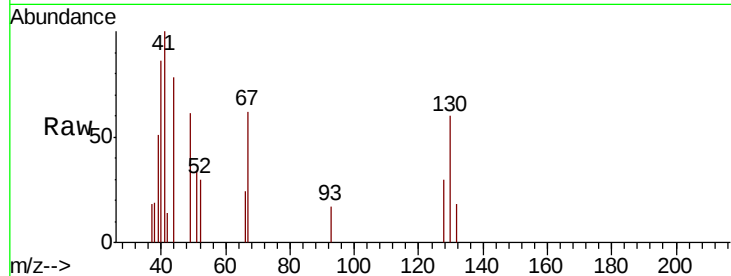
#40
Benzene
Concen: 0.968 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN050786.D
Acq: 21 Aug 2018 13:43

Tgt Ion: 78 Resp: 31082
Ion Ratio Lower Upper
78 100
77 27.8 19.0 28.4



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

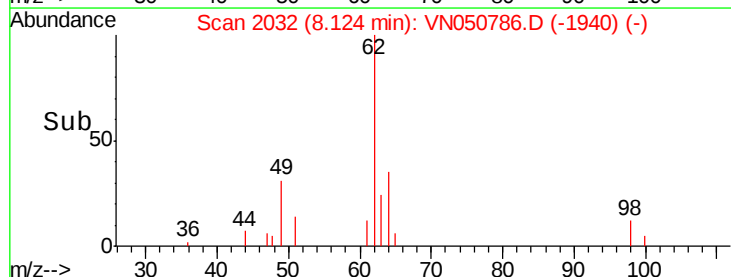
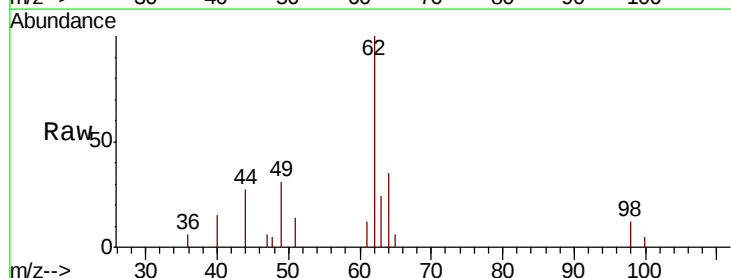
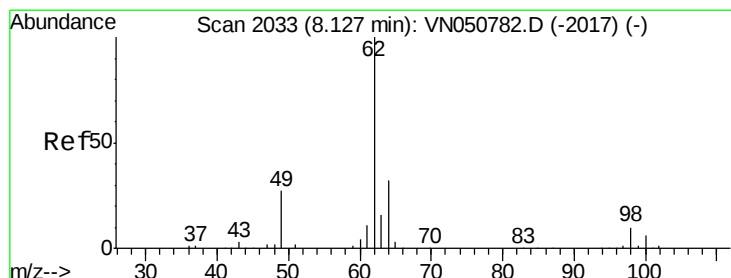
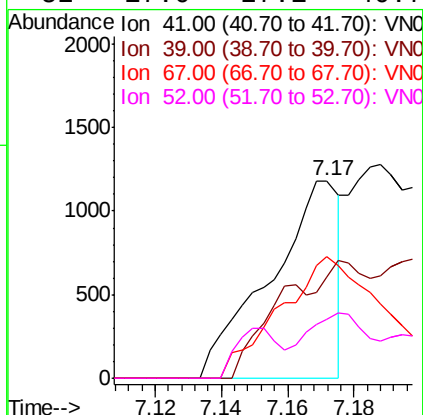




#41
Methacrylonitrile
Concen: 0.552 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN050786.D
Acq: 21 Aug 2018 13:43

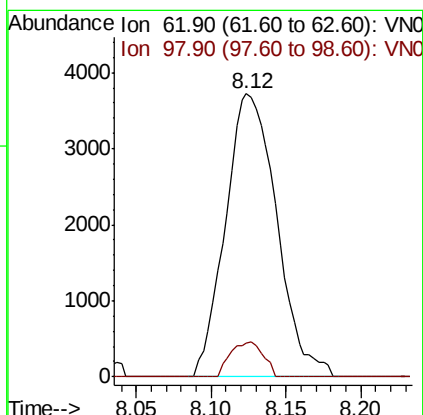
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

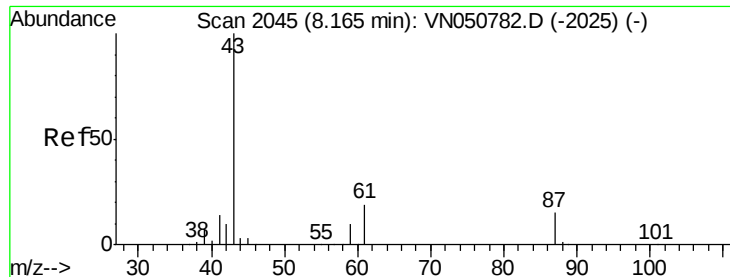
Tot Ion: 41 Resp: 1710
Ion Ratio Lower Upper
41 100
39 11.2 45.4 68.0#
67 96.7 70.6 106.0
52 17.0 27.1 40.7#



#42
1,2-Dichloroethane
Concen: 0.923 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN050786.D
Acq: 21 Aug 2018 13:43

Tgt Ion: 62 Resp: 8855
Ion Ratio Lower Upper
62 100
98 7.9 0.0 19.6





#43

Isopropyl Acetate

Concen: 0.865 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

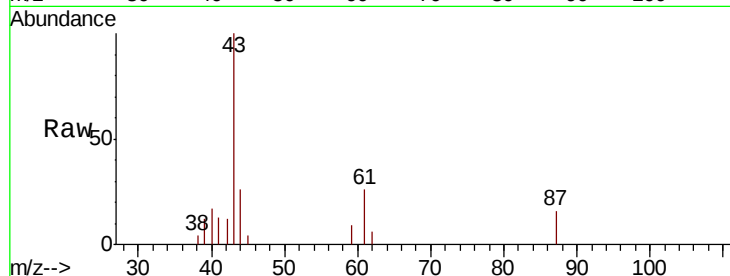
Tot Ion: 43 Resp: 9091

Ion Ratio Lower Upper

43 100

61 20.2 17.5 26.3

87 13.5 11.3 16.9

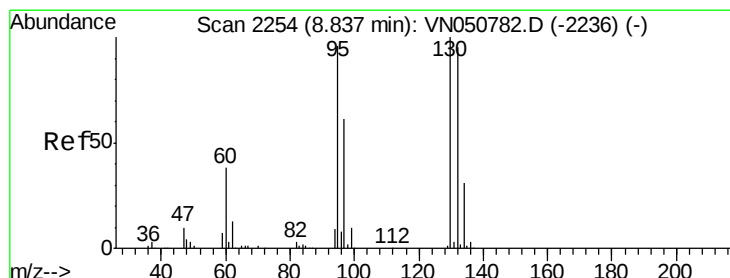
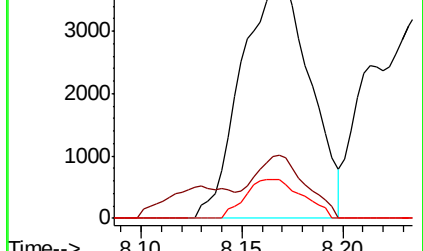
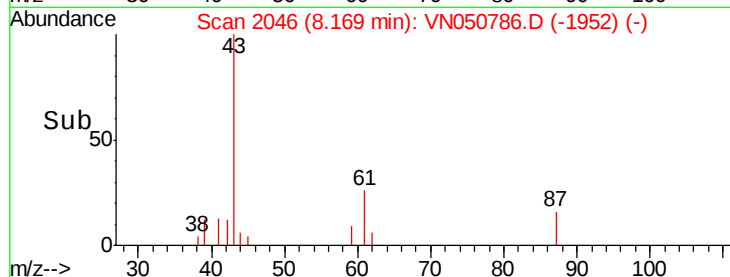


Abundance Ion 43.00 (42.70 to 43.70): VN050786.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN050786.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN050786.D (-1952) (-)

Time-->



#44

Trichloroethene

Concen: 0.970 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050786.D

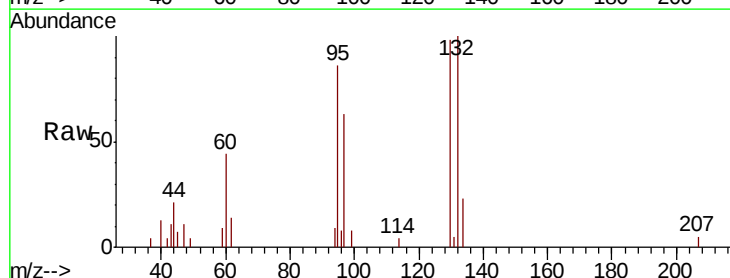
Acq: 21 Aug 2018 13:43

Tgt Ion: 130 Resp: 8215

Ion Ratio Lower Upper

130 100

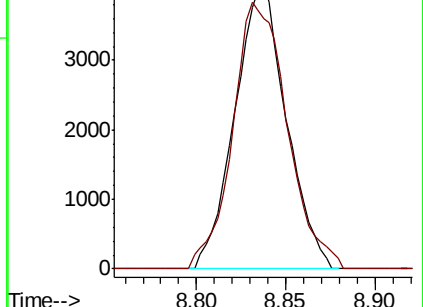
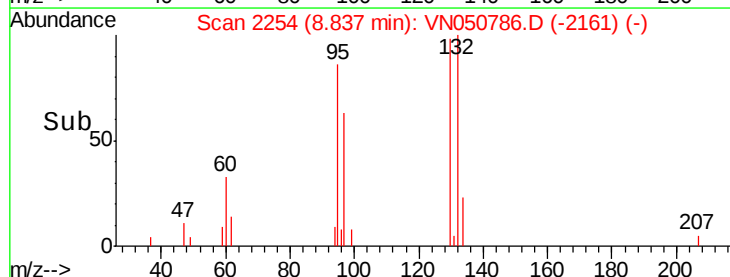
95 88.2 0.0 193.0

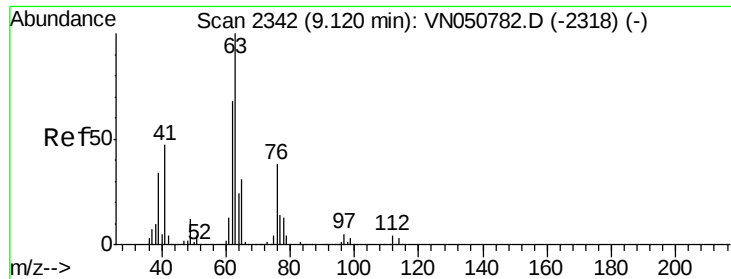


Abundance Ion 129.80 (129.50 to 130.50): VN050786.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN050786.D (-2161) (-)

Time-->

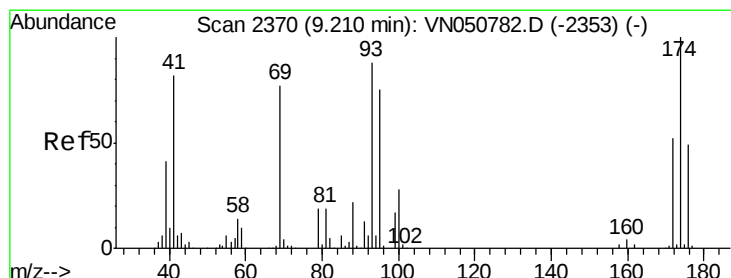
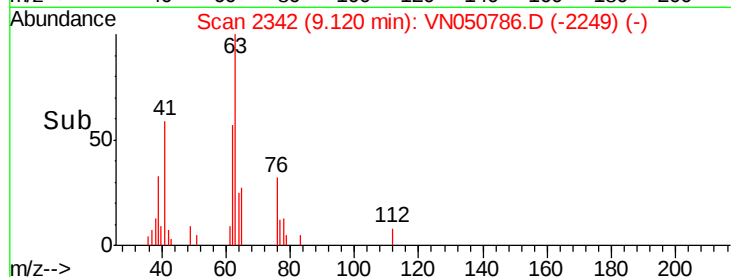
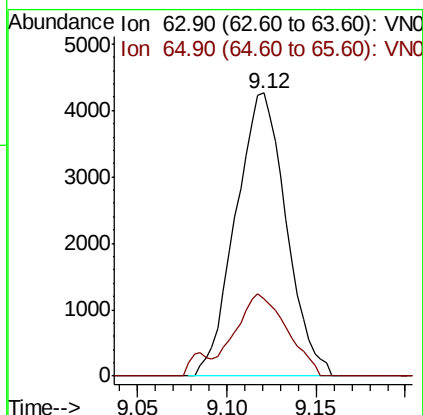
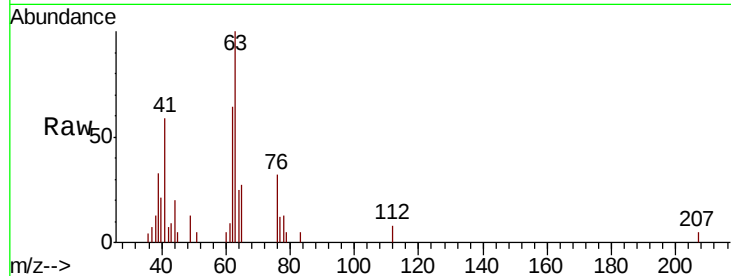




#45
 1,2-Dichloropropane
 Concen: 0.997 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN050786.D
 Acq: 21 Aug 2018 13:43

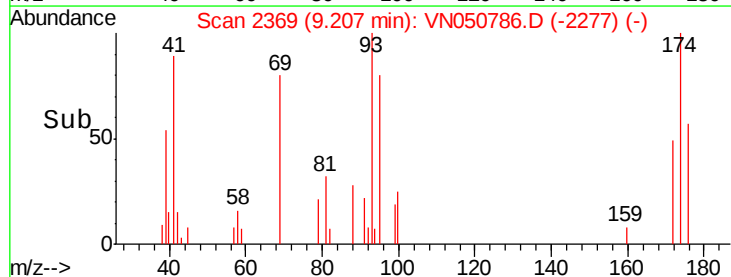
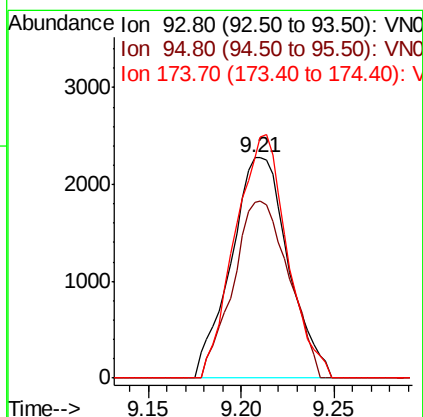
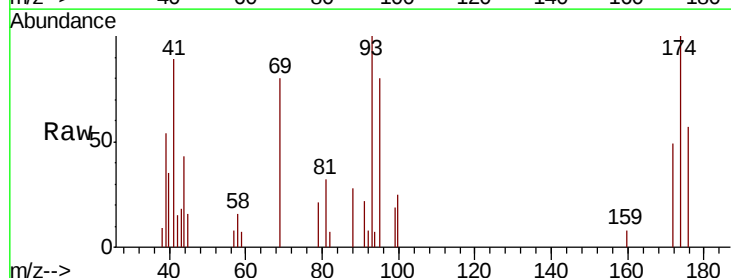
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

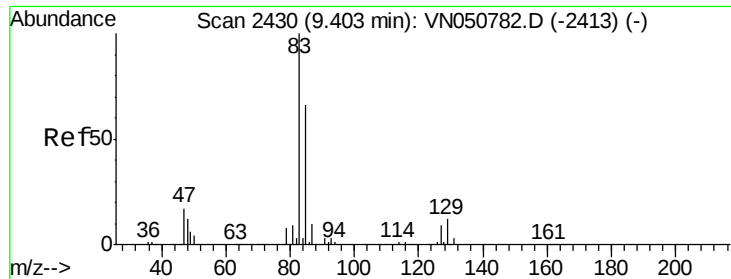
Tot Ion: 63 Resp: 8416
 Ion Ratio Lower Upper
 63 100
 65 27.5 25.0 37.6



#46
 Dibromomethane
 Concen: 0.989 ug/l
 RT: 9.21 min Scan# 2369
 Delta R.T. -0.00 min
 Lab File: VN050786.D
 Acq: 21 Aug 2018 13:43

Tgt Ion: 93 Resp: 4903
 Ion Ratio Lower Upper
 93 100
 95 77.9 66.7 100.1
 174 100.4 89.8 134.6





#47

Bromodichloromethane

Concen: 0.898 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

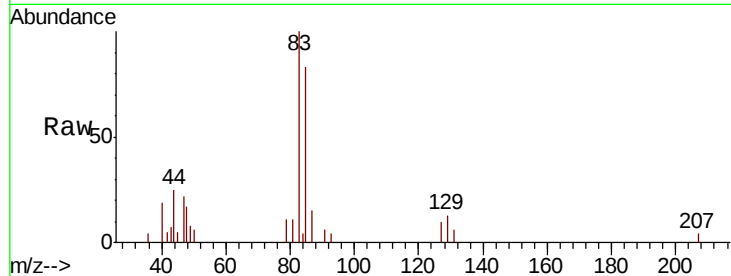
Tot Ion: 83 Resp: 9327

Ion Ratio Lower Upper

83 100

85 83.2 52.6 78.8#

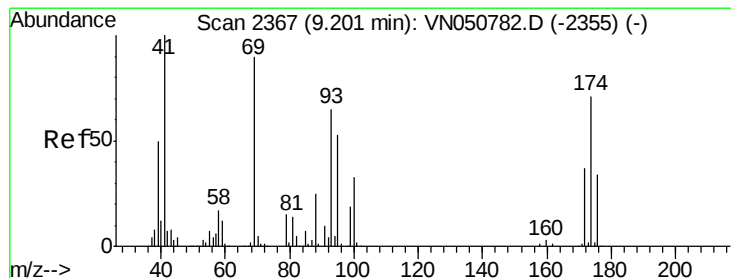
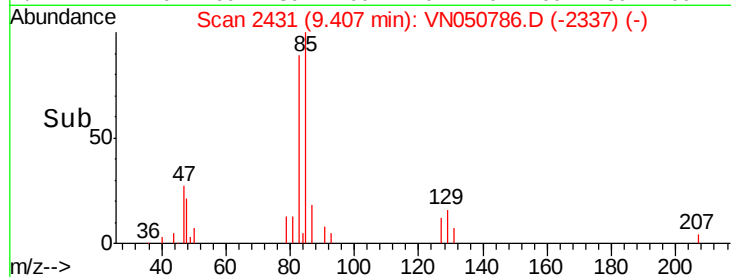
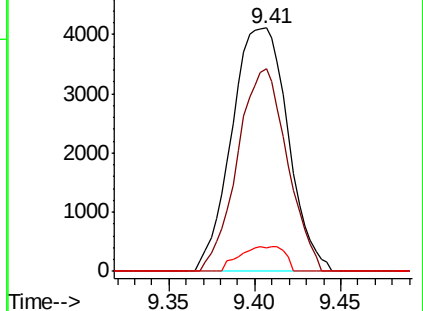
127 9.8 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN050786.D (-2430) (-)

Ion 84.90 (84.60 to 85.60): VN050786.D (-2430) (-)

Ion 126.80 (126.50 to 127.50): VN050786.D (-2430) (-)



#48

Methyl methacrylate

Concen: 0.863 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

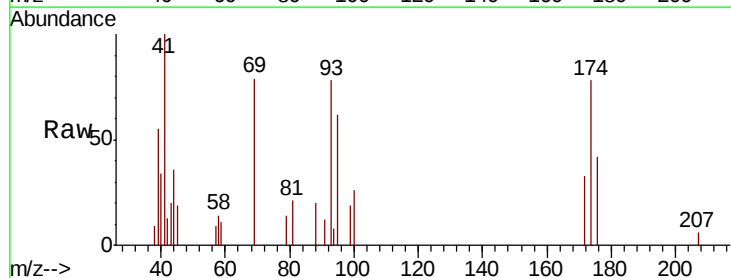
Tgt Ion: 41 Resp: 4625

Ion Ratio Lower Upper

41 100

69 45.5 74.7 112.1#

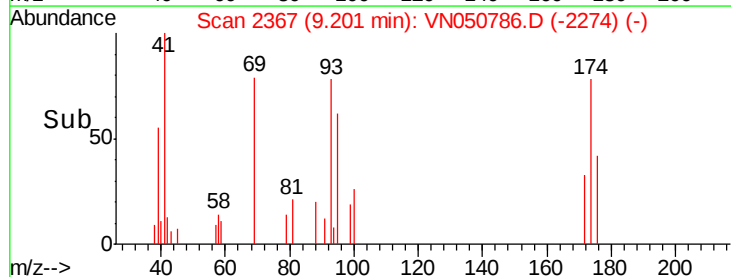
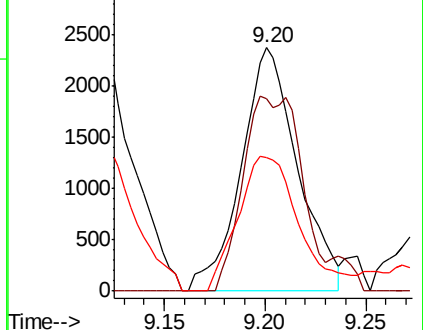
39 60.9 42.2 63.2

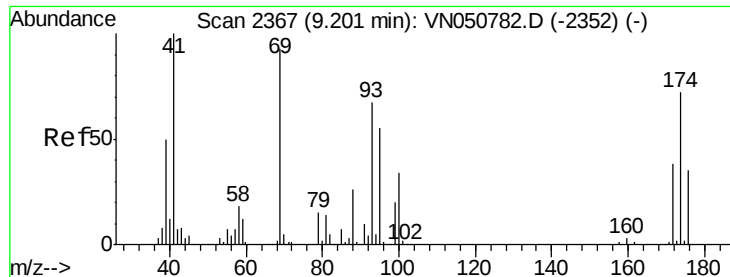


Abundance Ion 41.00 (40.70 to 41.70): VN050786.D (-2367) (-)

Ion 69.00 (68.70 to 69.70): VN050786.D (-2367) (-)

Ion 39.00 (38.70 to 39.70): VN050786.D (-2367) (-)

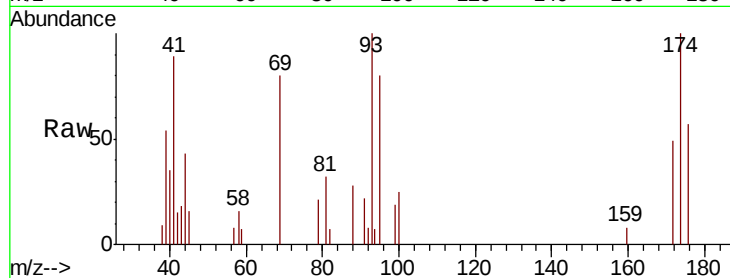




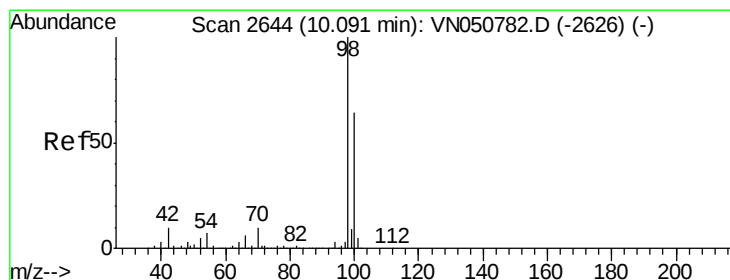
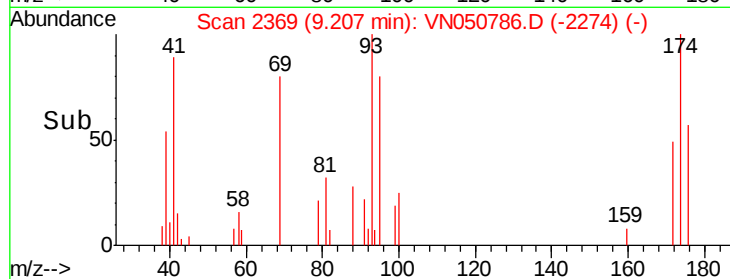
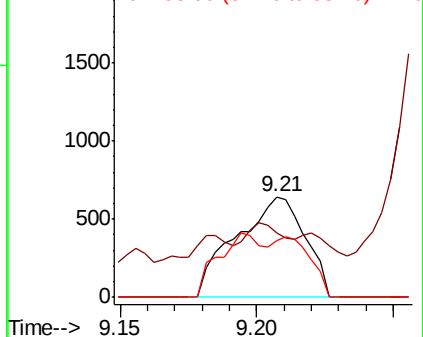
#49
1,4-Dioxane
Concen: 15.496 ug/l
RT: 9.21 min Scan# 2369
Delta R.T. 0.01 min
Lab File: VN050786.D
Acq: 21 Aug 2018 13:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 88 Resp: 1132
Ion Ratio Lower Upper
88 100
43 0.0 25.9 38.9#
58 43.1 55.0 82.4#

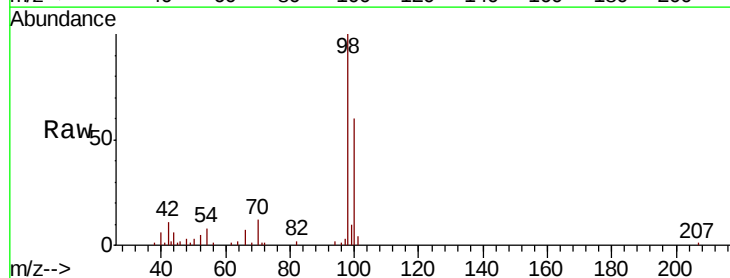


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

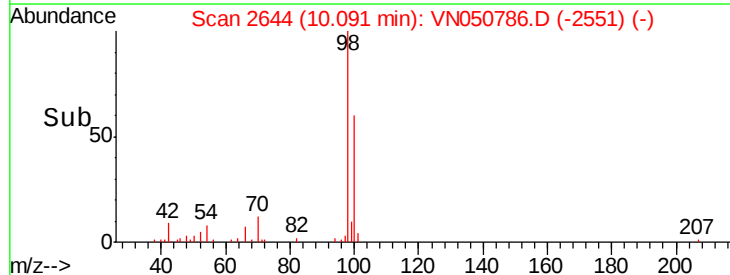
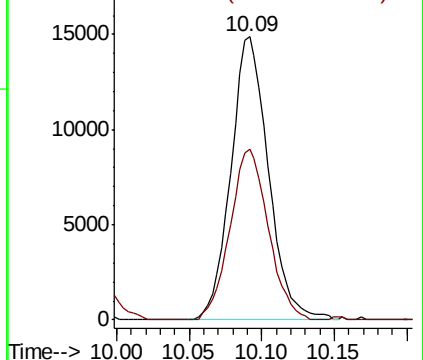


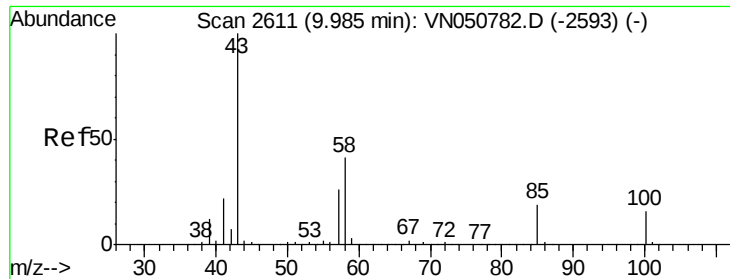
#50
Toluene-d8
Concen: 0.999 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050786.D
Acq: 21 Aug 2018 13:43

Tgt Ion: 98 Resp: 26801
Ion Ratio Lower Upper
98 100
100 61.6 51.5 77.3



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





#51

4-Methyl-2-Pentanone

Concen: 4.670 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampleId :

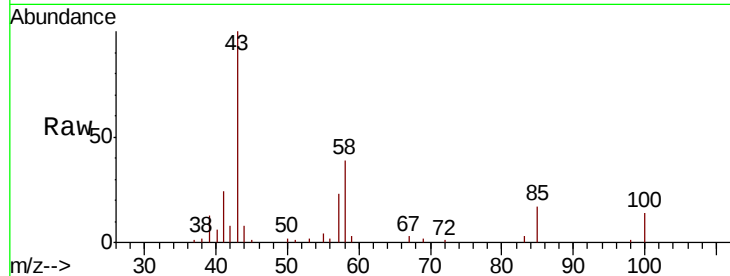
VSTDIC001

Tot Ion: 43 Resp: 29304

Ion Ratio Lower Upper

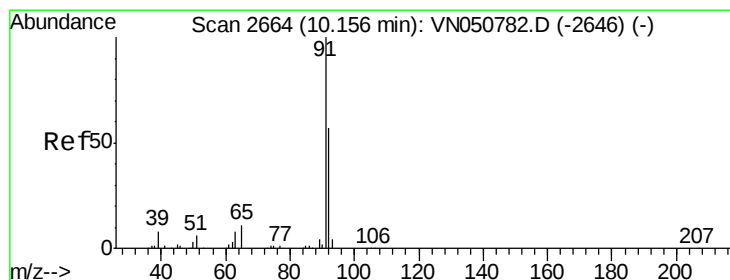
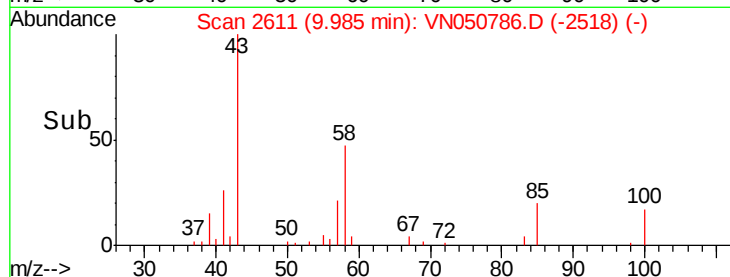
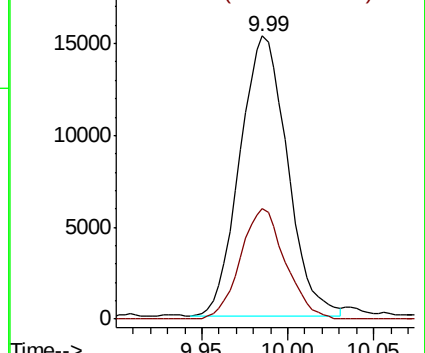
43 100

58 37.2 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN050782.D (-2593) (-)

Ion 58.00 (57.70 to 58.70): VN050782.D (-2593) (-)



#52

Toluene

Concen: 0.838 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. 0.00 min

Lab File: VN050786.D

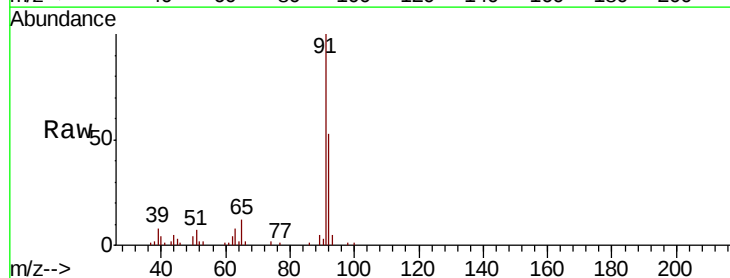
Acq: 21 Aug 2018 13:43

Tgt Ion: 92 Resp: 15941

Ion Ratio Lower Upper

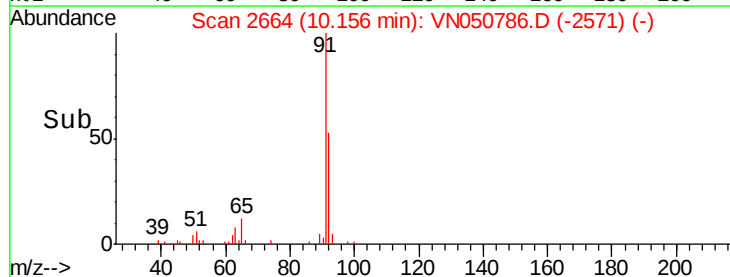
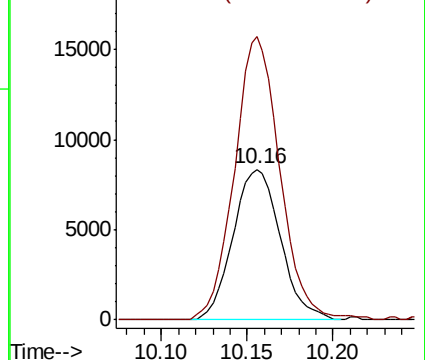
92 100

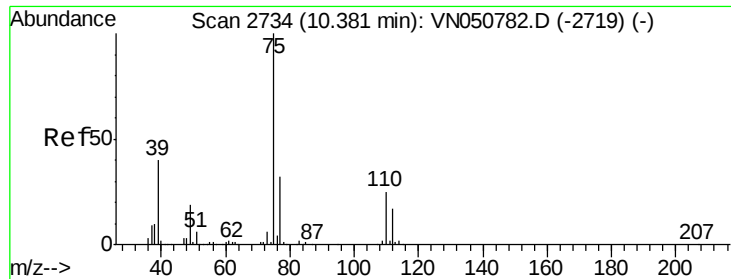
91 180.9 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN050782.D (-2646) (-)

Ion 91.00 (90.70 to 91.70): VN050782.D (-2646) (-)





#53

t-1,3-Dichloropropene

Concen: 0.872 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampled :

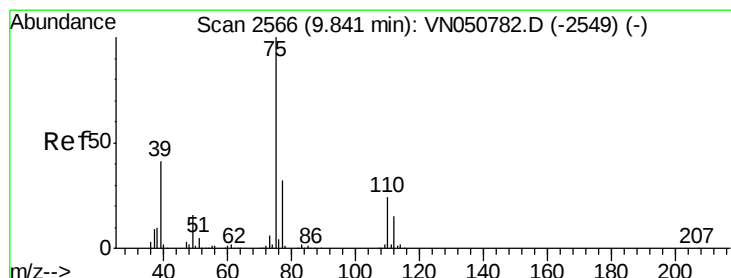
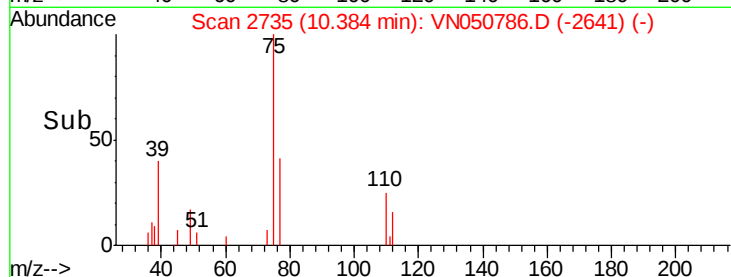
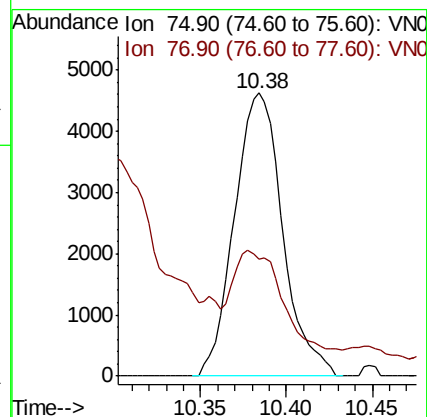
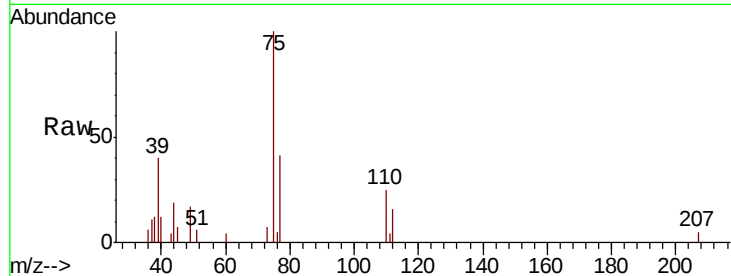
VSTDIC001

Tot Ion: 75 Resp: 9008

Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 0.844 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

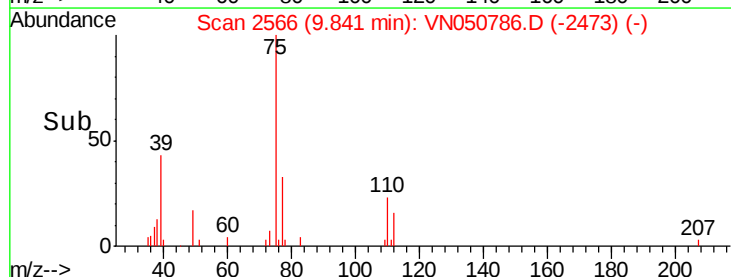
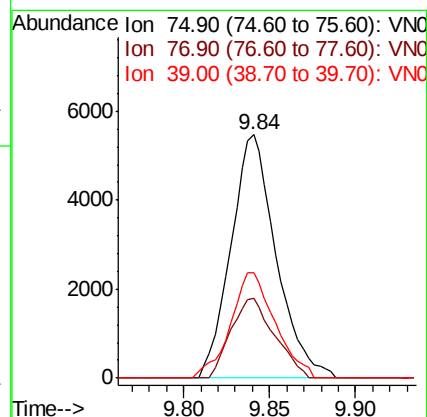
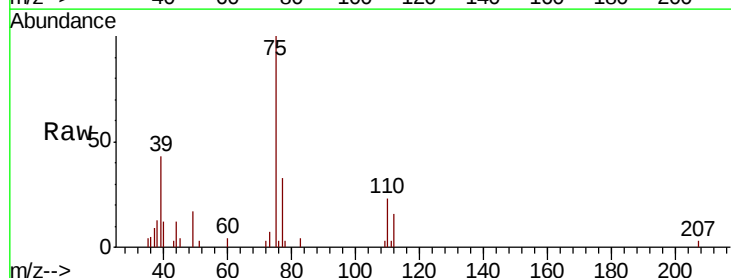
Tgt Ion: 75 Resp: 9988

Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.2

39 43.3 33.0 49.4

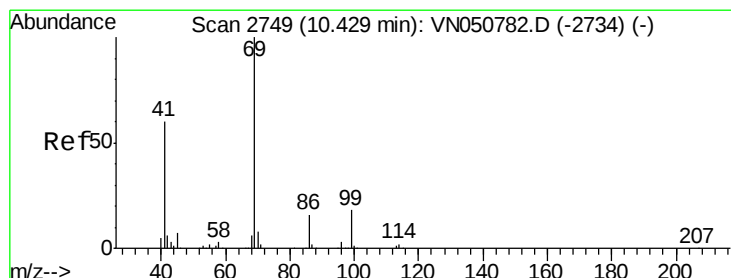
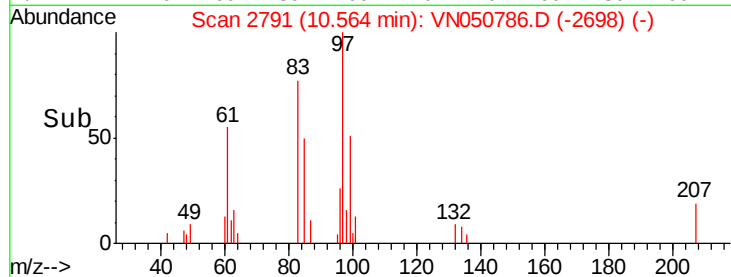
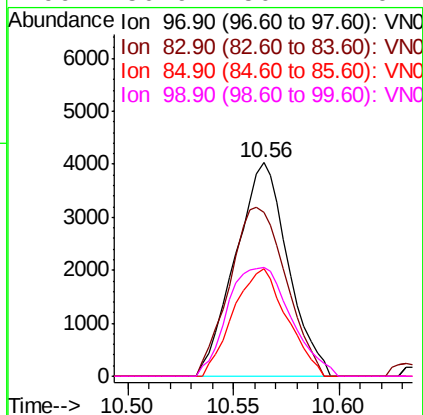
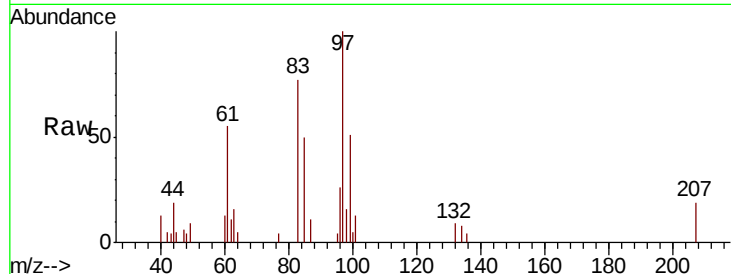




#55
 1,1,2-Trichloroethane
 Concen: 0.990 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN050786.D
 Acq: 21 Aug 2018 13:43

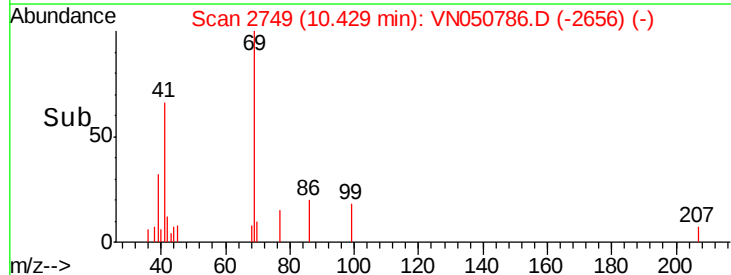
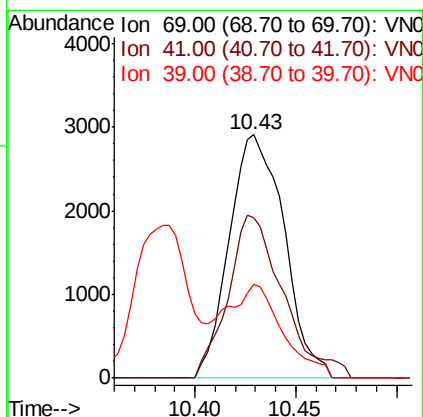
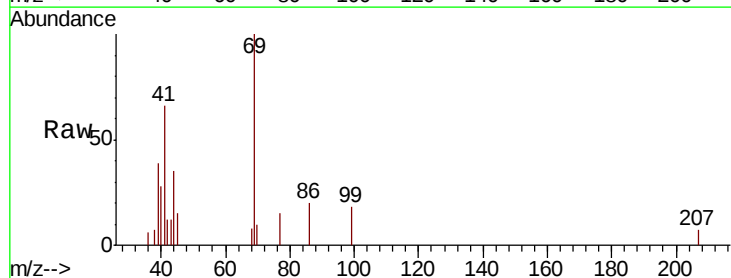
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

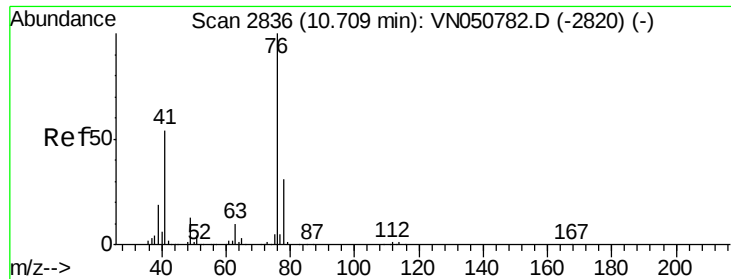
Tot Ion: 97 Resp: 6991
 Ion Ratio Lower Upper
 97 100
 83 76.5 69.7 104.5
 85 50.2 44.5 66.7
 99 50.9 50.7 76.1



#56
 Ethyl methacrylate
 Concen: 0.692 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: VN050786.D
 Acq: 21 Aug 2018 13:43

Tgt Ion: 69 Resp: 5539
 Ion Ratio Lower Upper
 69 100
 41 67.1 48.3 72.5
 39 40.6 24.0 36.0#





#57

1,3-Dichloropropane

Concen: 0.909 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampleId :

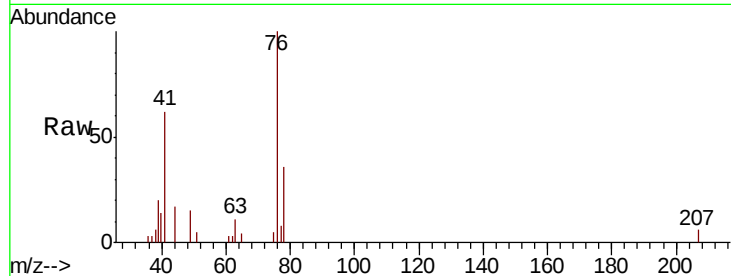
VSTDIC001

Tot Ion: 76 Resp: 10596

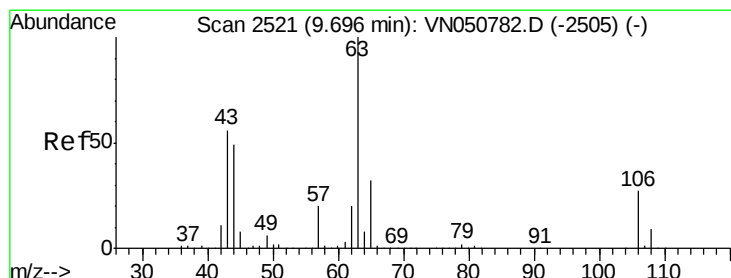
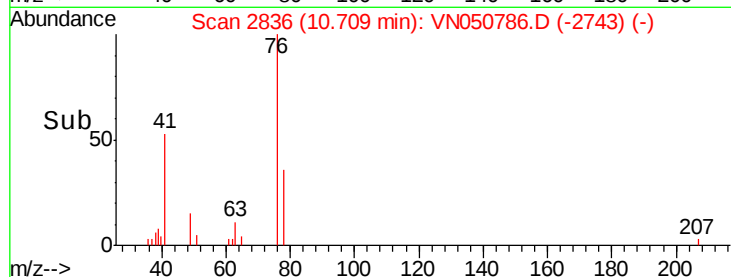
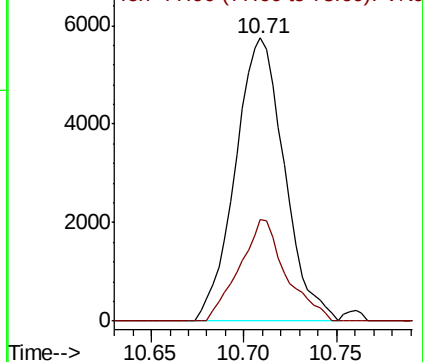
Ion Ratio Lower Upper

76 100

78 33.9 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN050786.D (-2743) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 3.048 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN050786.D

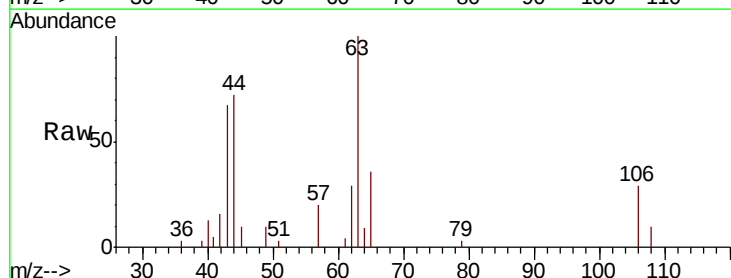
Acq: 21 Aug 2018 13:43

Tgt Ion: 63 Resp: 10418

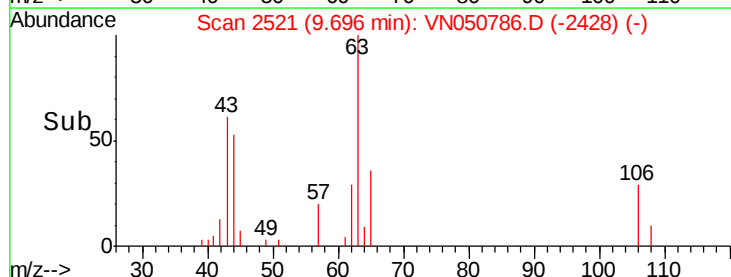
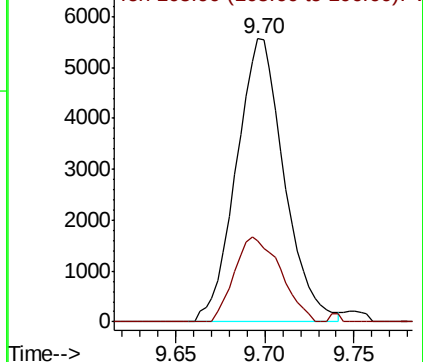
Ion Ratio Lower Upper

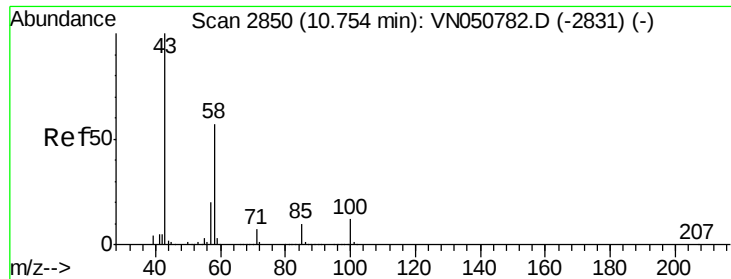
63 100

106 29.1 21.9 32.9



Abundance Ion 62.90 (62.60 to 63.60): VN050786.D (-2428) (-)





#59

2-Hexanone

Concen: 4.644 ug/l

RT: 10.75 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampleId :

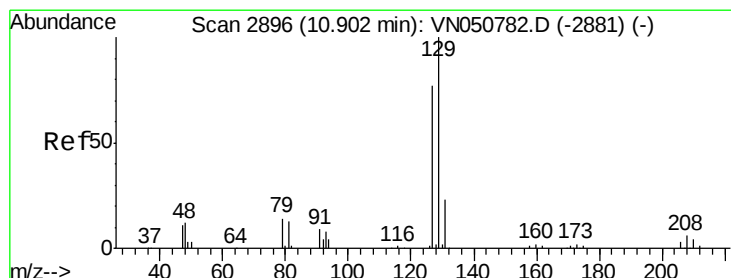
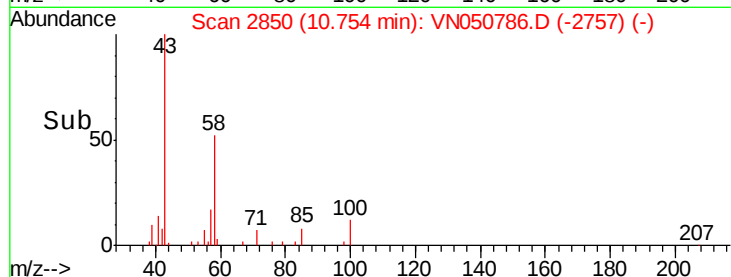
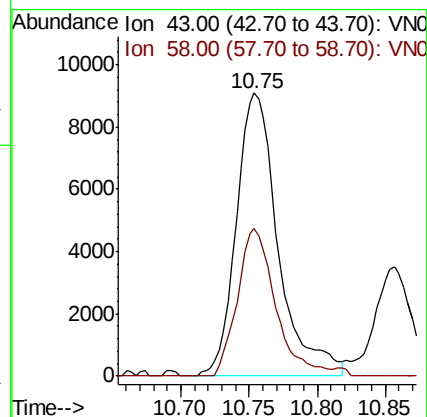
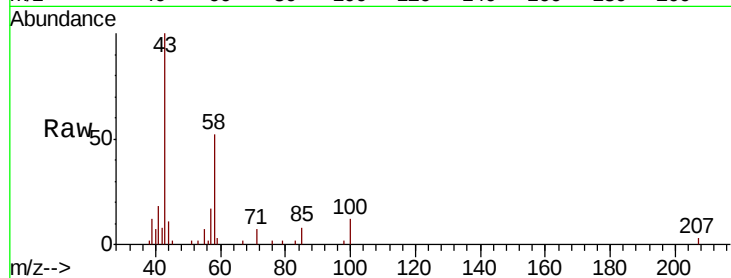
VSTDIC001

Tot Ion: 43 Resp: 19401

Ion Ratio Lower Upper

43 100

58 47.5 28.3 85.0



#60

Dibromochloromethane

Concen: 0.883 ug/l

RT: 10.90 min Scan# 2896

Delta R.T. 0.00 min

Lab File: VN050786.D

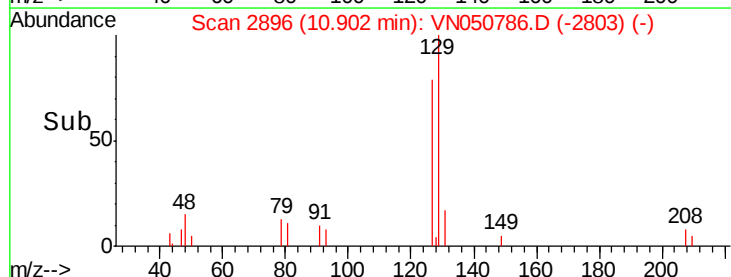
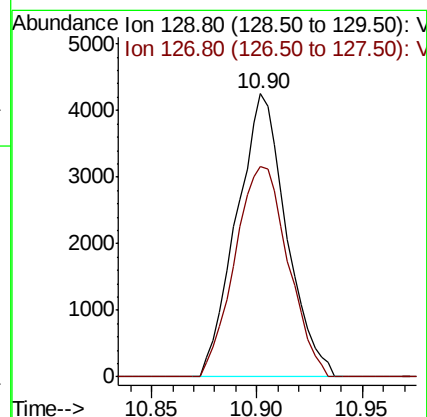
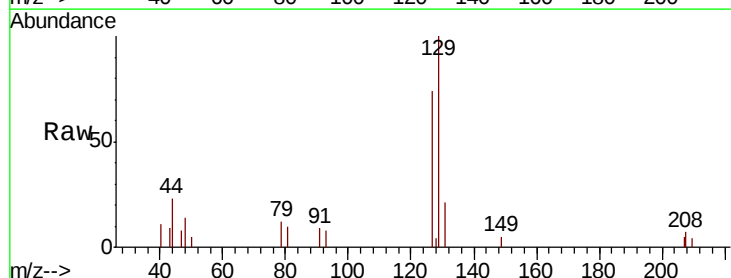
Acq: 21 Aug 2018 13:43

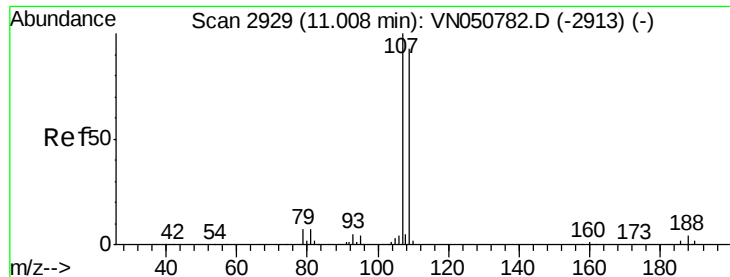
Tgt Ion: 129 Resp: 6982

Ion Ratio Lower Upper

129 100

127 79.5 38.3 114.9





#61

1,2-Dibromoethane

Concen: 0.848 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampleId :

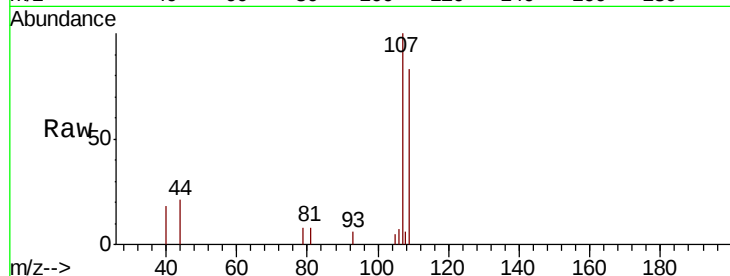
VSTDIC001

Tot Ion:107 Resp: 5787

Ion Ratio Lower Upper

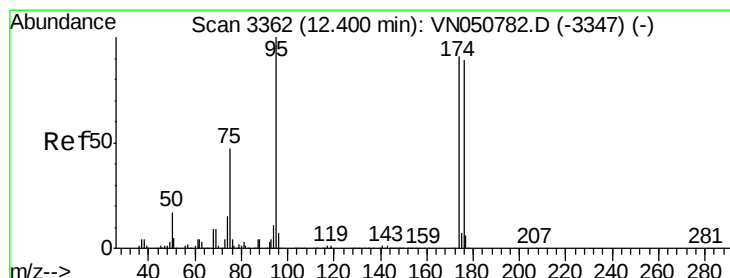
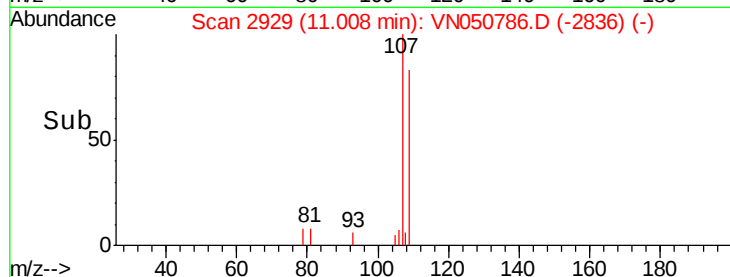
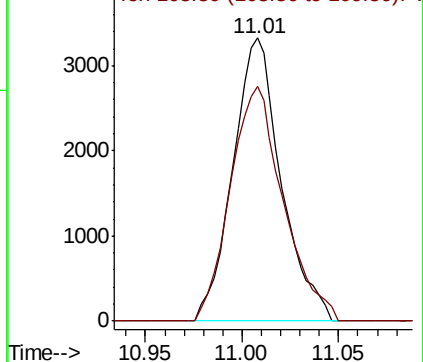
107 100

109 90.5 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: 0.923 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

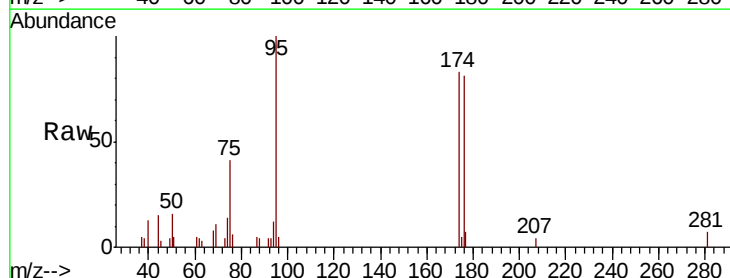
Tgt Ion: 95 Resp: 8235

Ion Ratio Lower Upper

95 100

174 83.5 0.0 183.0

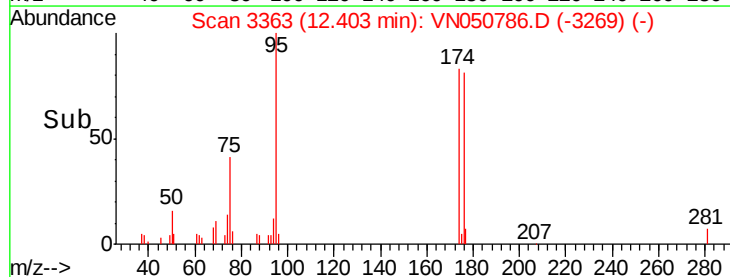
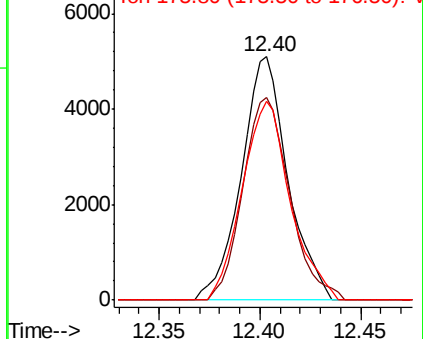
176 84.0 0.0 178.8

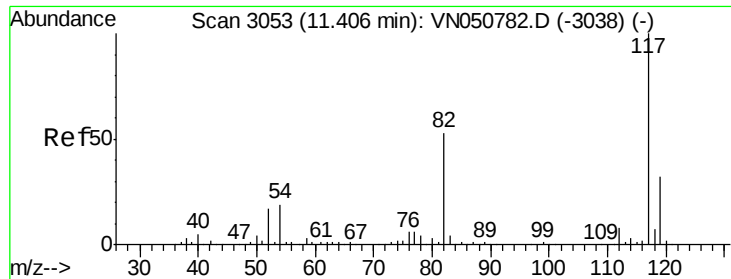


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

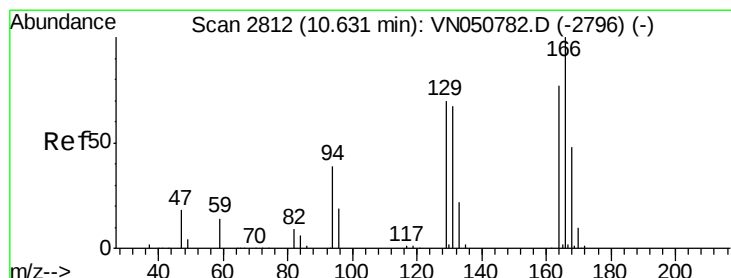
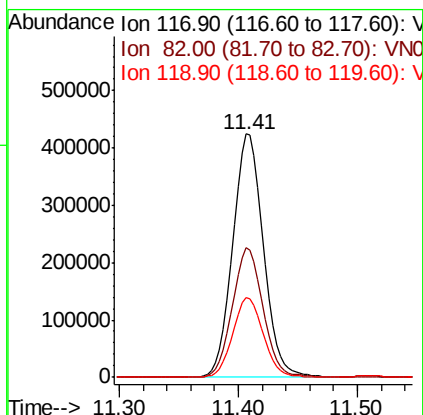
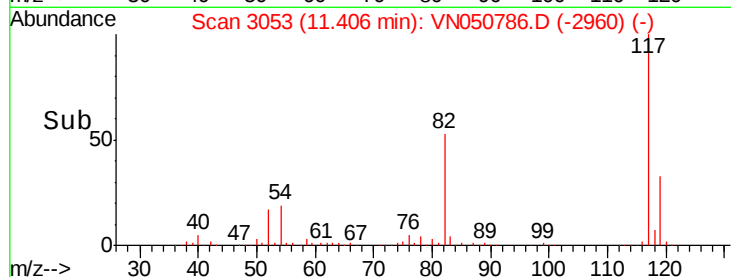
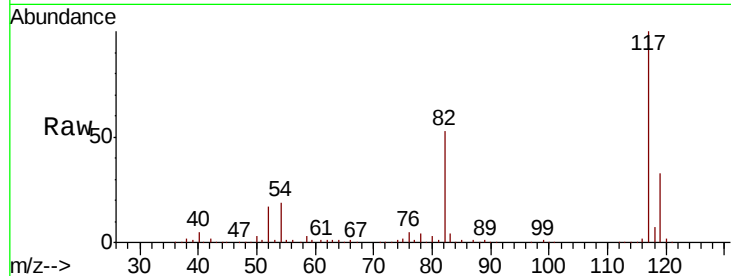




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN050786.D
Acq: 21 Aug 2018 13:43

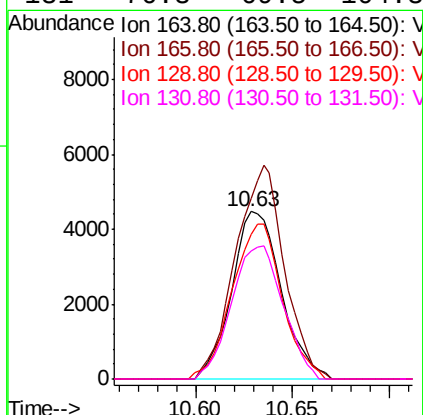
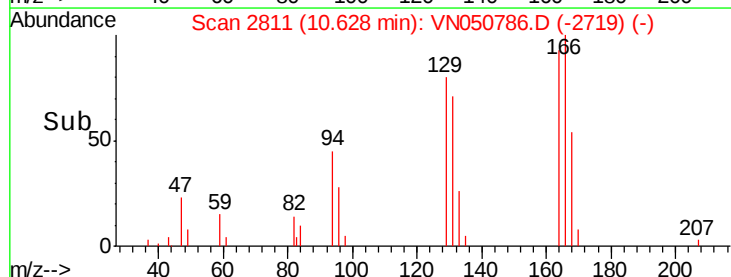
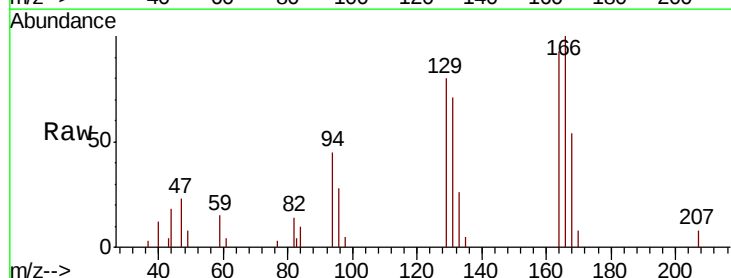
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

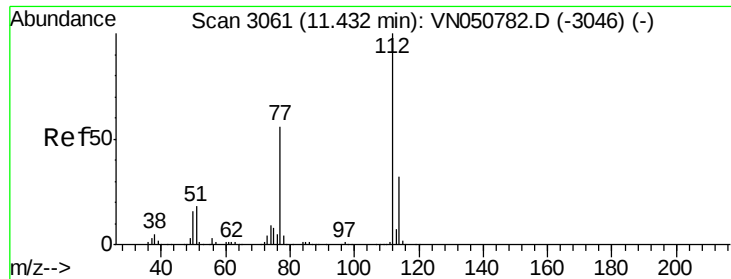
Tot Ion:117 Resp: 759933
Ion Ratio Lower Upper
117 100
82 53.1 42.6 64.0
119 32.7 25.8 38.6



#64
Tetrachloroethene
Concen: 1.102 ug/l
RT: 10.63 min Scan# 2811
Delta R.T. -0.00 min
Lab File: VN050786.D
Acq: 21 Aug 2018 13:43

Tgt Ion:164 Resp: 7957
Ion Ratio Lower Upper
164 100
166 107.7 103.5 155.3
129 86.4 72.7 109.1
131 76.3 69.5 104.3

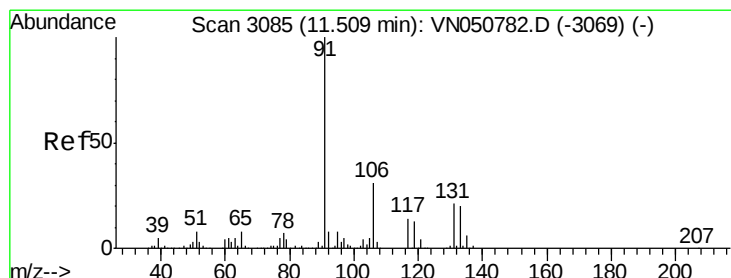
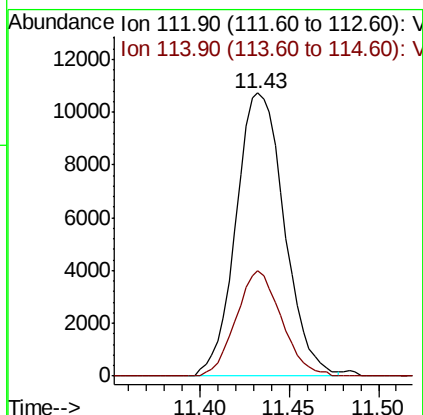
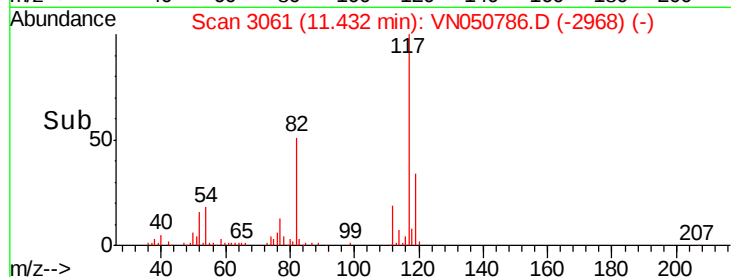
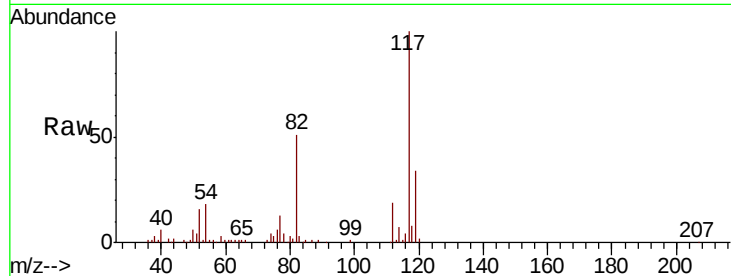




#65
Chlorobenzene
Concen: 1.021 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN050786.D
Acq: 21 Aug 2018 13:43

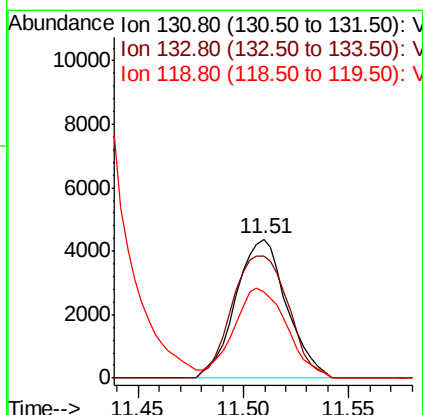
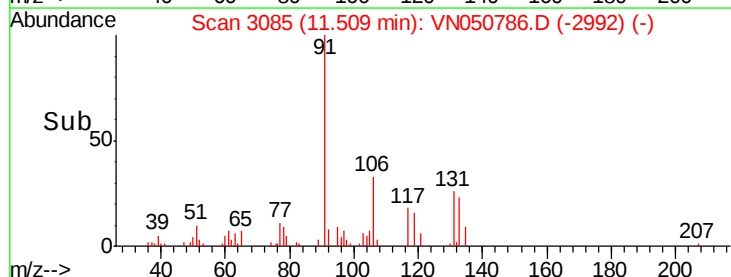
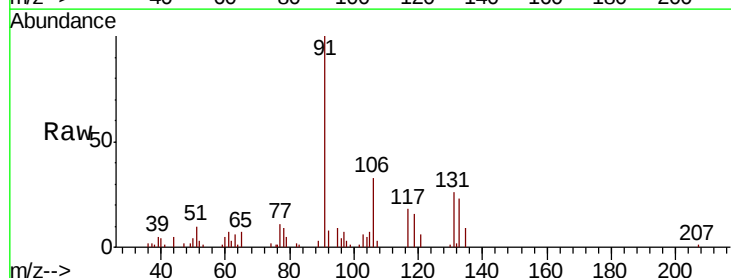
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

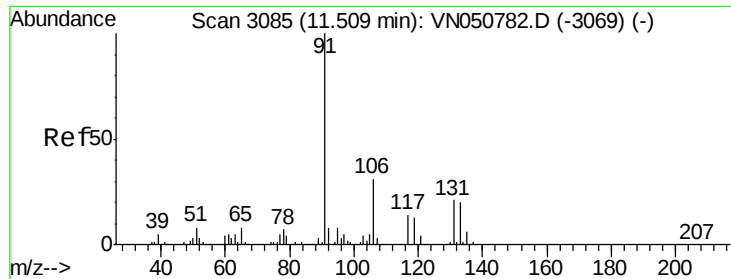
Tot Ion:112 Resp: 20284
Ion Ratio Lower Upper
112 100
114 37.1 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 1.011 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN050786.D
Acq: 21 Aug 2018 13:43

Tgt Ion:131 Resp: 7347
Ion Ratio Lower Upper
131 100
133 97.4 47.4 142.3
119 0.0 32.8 98.4#

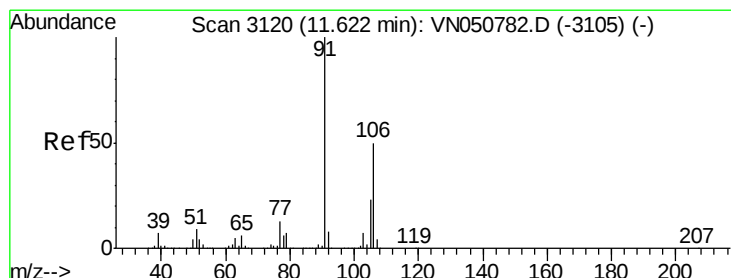
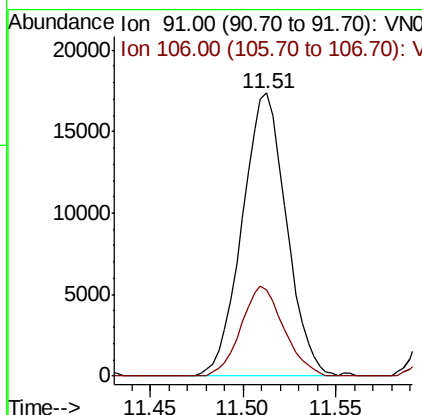
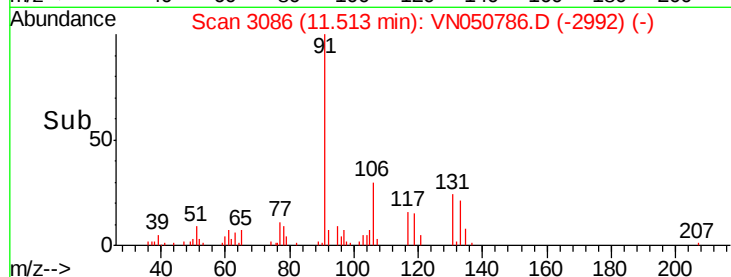
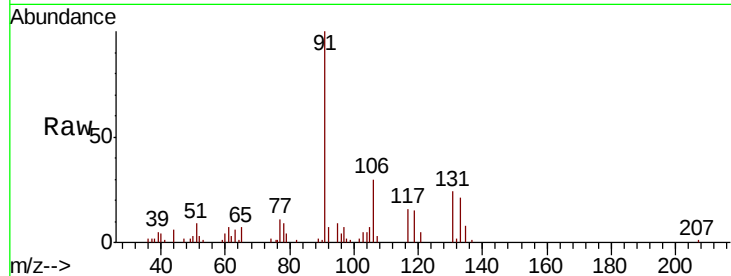




#67
Ethyl Benzene
Concen: 0.891 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050786.D
Acq: 21 Aug 2018 13:43

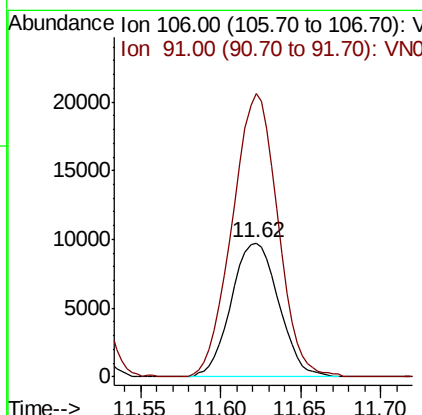
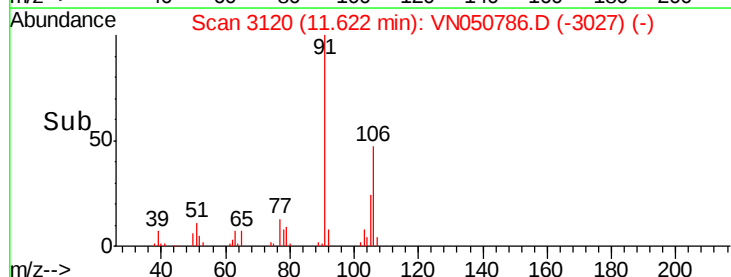
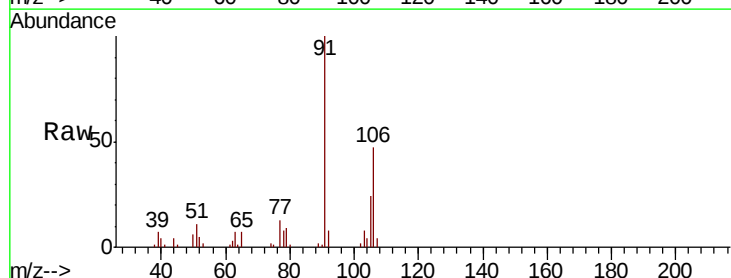
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion: 91 Resp: 28786
Ion Ratio Lower Upper
91 100
106 30.3 25.0 37.4



#68
m/p-Xylenes
Concen: 1.608 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN050786.D
Acq: 21 Aug 2018 13:43

Tgt Ion: 106 Resp: 19713
Ion Ratio Lower Upper
106 100
91 203.3 161.0 241.6

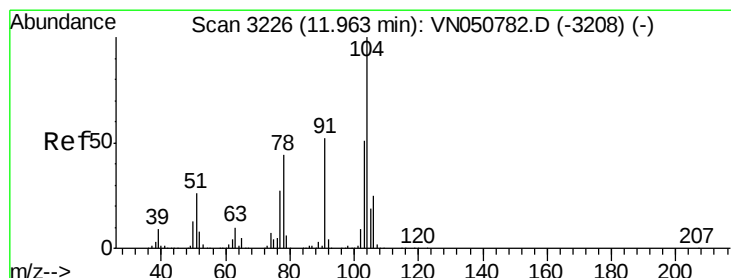
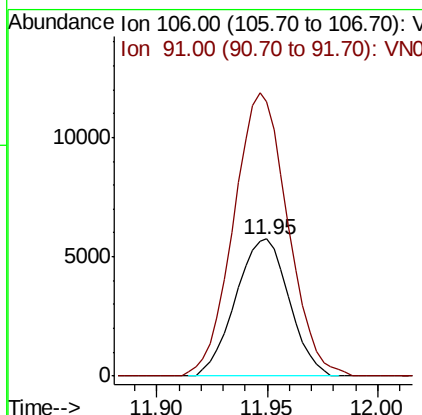
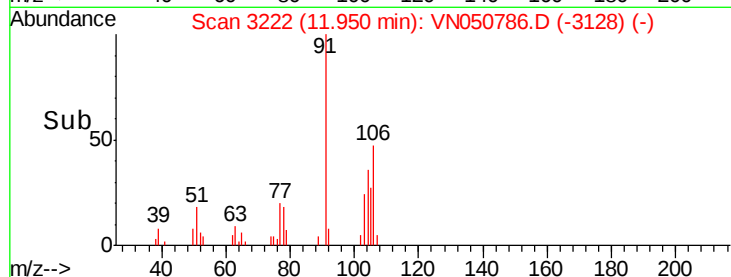
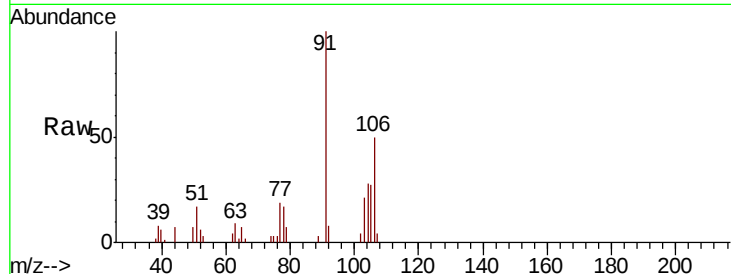




#69
o-Xylene
Concen: 0.818 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050786.D
Acq: 21 Aug 2018 13:43

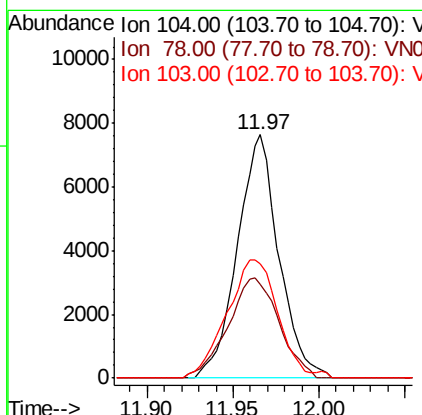
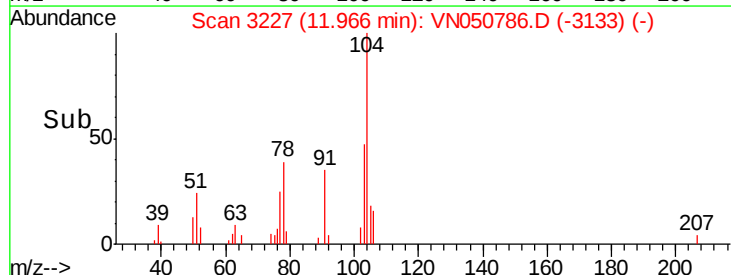
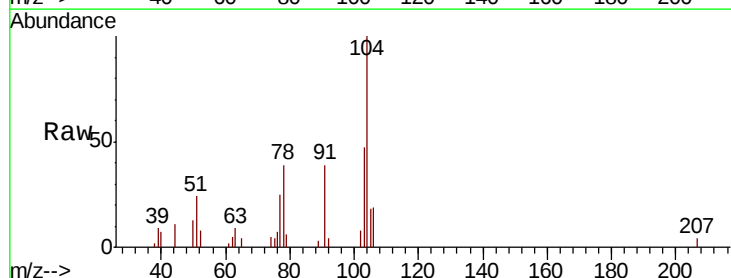
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

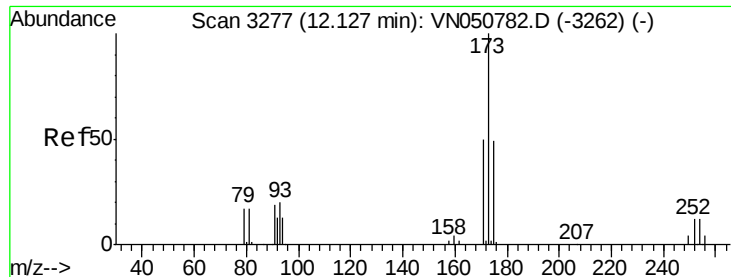
Tot Ion:106 Resp: 9645
Ion Ratio Lower Upper
106 100
91 209.0 106.5 319.5



#70
Styrene
Concen: 0.694 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050786.D
Acq: 21 Aug 2018 13:43

Tgt Ion:104 Resp: 12776
Ion Ratio Lower Upper
104 100
78 50.6 38.2 57.4
103 60.2 44.4 66.6

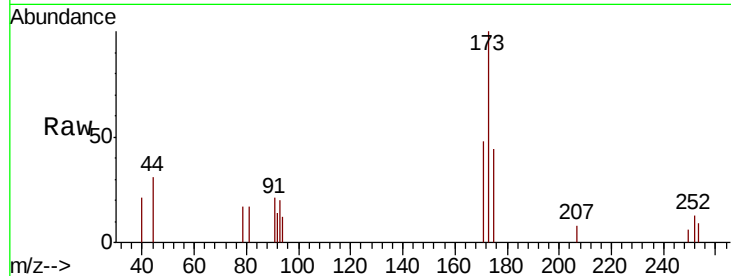




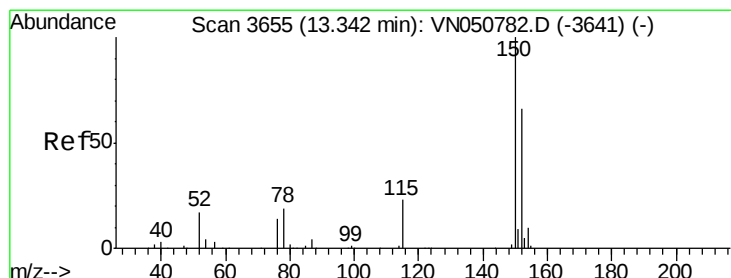
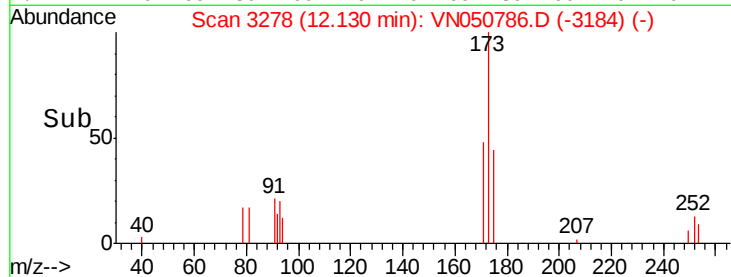
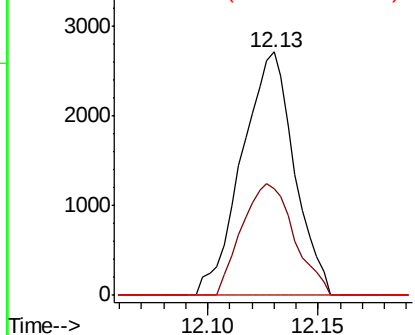
#71
Bromoform
Concen: 0.895 ug/l
RT: 12.13 min Scan# 3278
Delta R.T. 0.00 min
Lab File: VN050786.D
Acq: 21 Aug 2018 13:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:173 Resp: 4471
Ion Ratio Lower Upper
173 100
175 45.8 24.4 73.4
254 0.0 0.1 0.1#

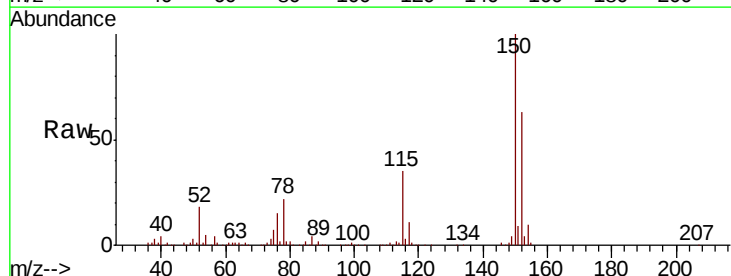


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

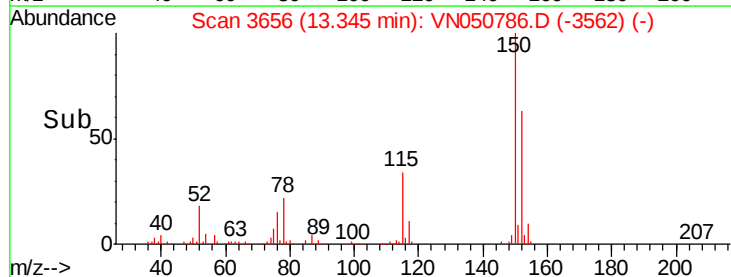
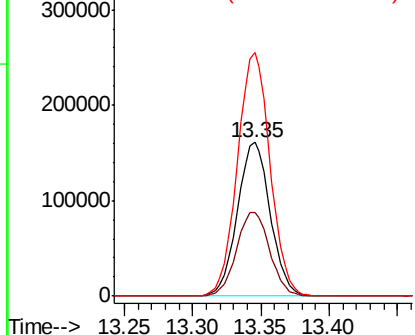


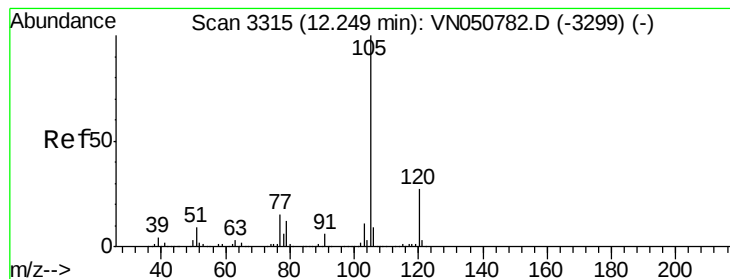
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050786.D
Acq: 21 Aug 2018 13:43

Tgt Ion:152 Resp: 267946
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.4
150 158.2 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: 1.048 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampleId :

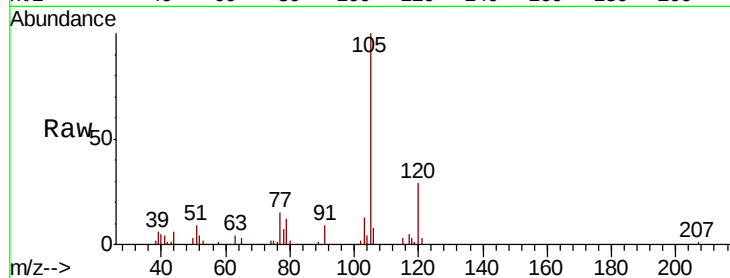
VSTDIC001

Tot Ion:105 Resp: 23247

Ion Ratio Lower Upper

105 100

120 27.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

15000

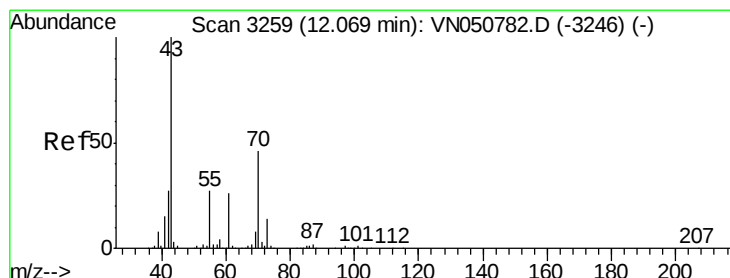
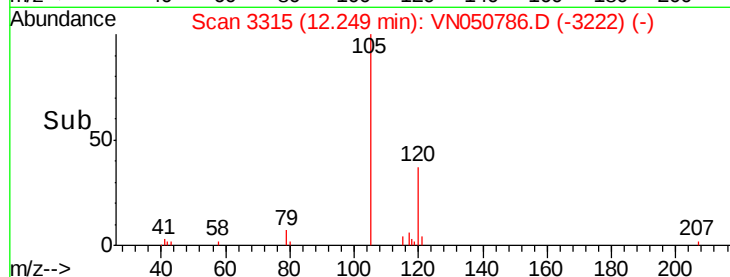
10000

5000

0

Time-->

12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 0.993 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Tgt Ion: 43 Resp: 5536

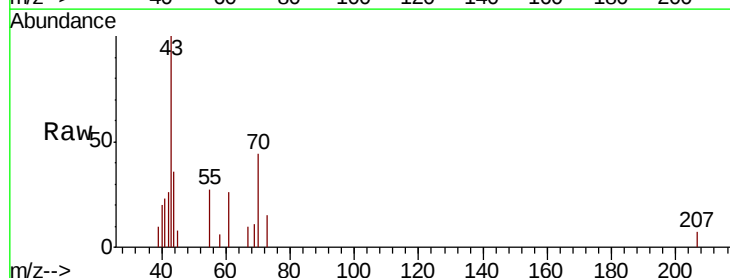
Ion Ratio Lower Upper

43 100

70 32.3 36.2 54.2#

55 21.4 21.8 32.8#

61 20.4 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

4000

3000

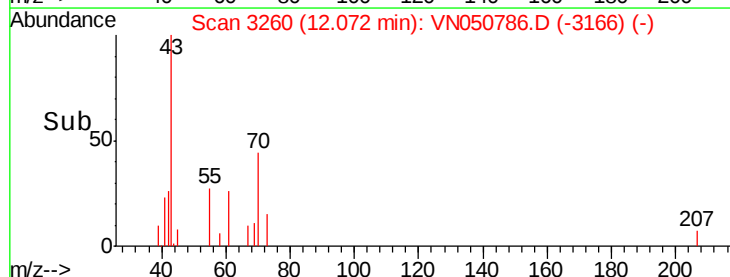
2000

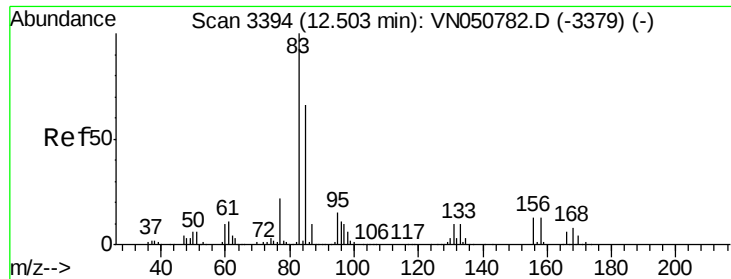
1000

0

Time-->

12.00 12.05 12.10 12.15





#75

1,1,2,2-Tetrachloroethane

Concen: 1.332 ug/l

RT: 12.50 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

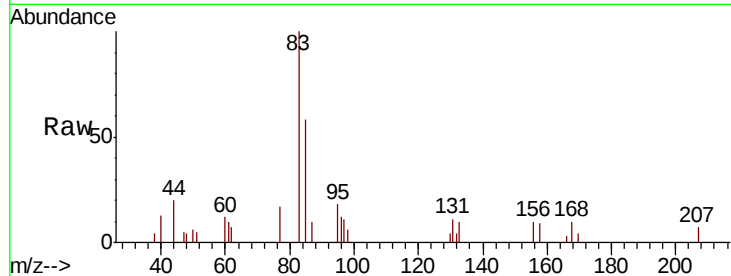
Tot Ion: 83 Resp: 7963

Ion Ratio Lower Upper

83 100

131 9.6 5.3 15.9

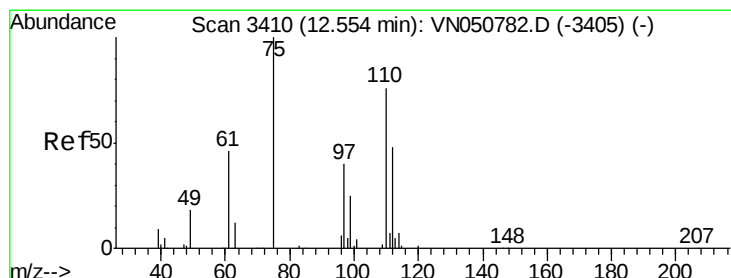
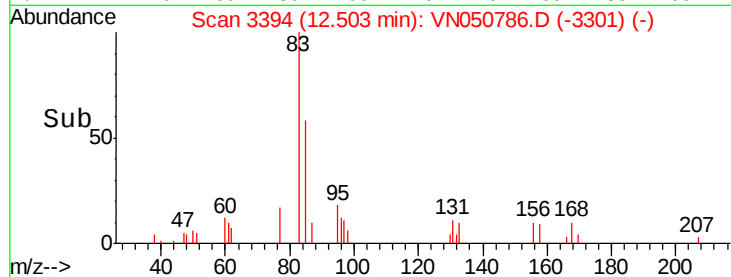
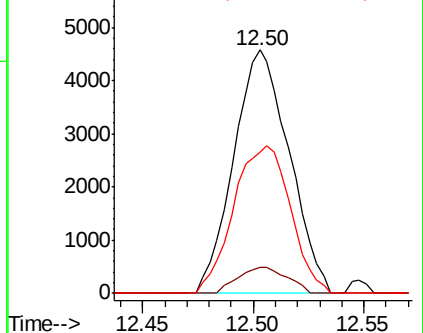
85 62.1 31.9 95.7



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: 1.725 ug/l

RT: 12.55 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN050786.D

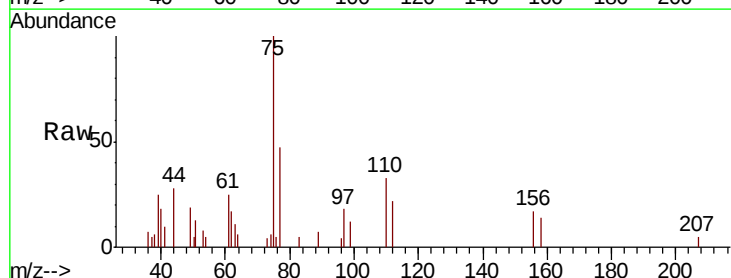
Acq: 21 Aug 2018 13:43

Tgt Ion: 75 Resp: 7836

Ion Ratio Lower Upper

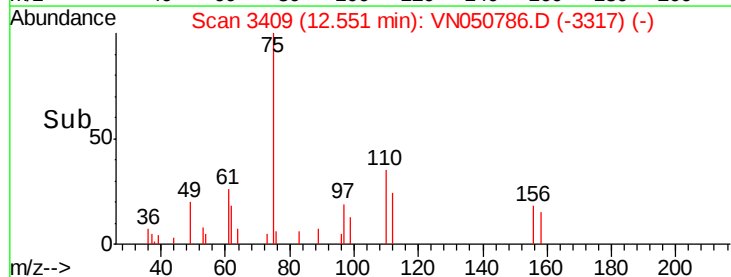
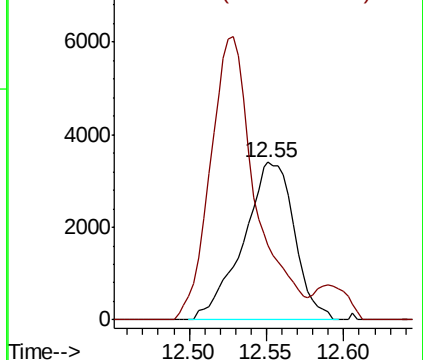
75 100

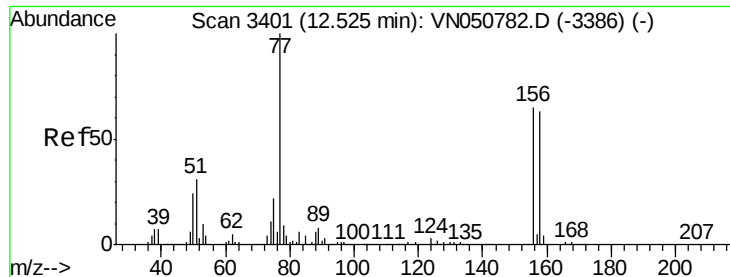
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 1.191 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

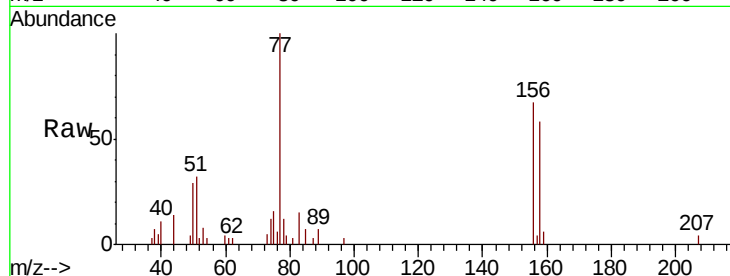
Tot Ion:156 Resp: 7180

Ion Ratio Lower Upper

156 100

77 174.1 89.9 269.7

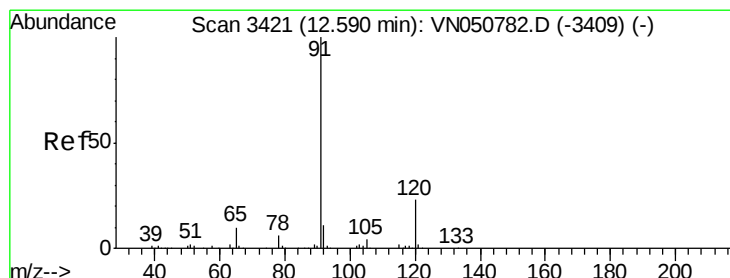
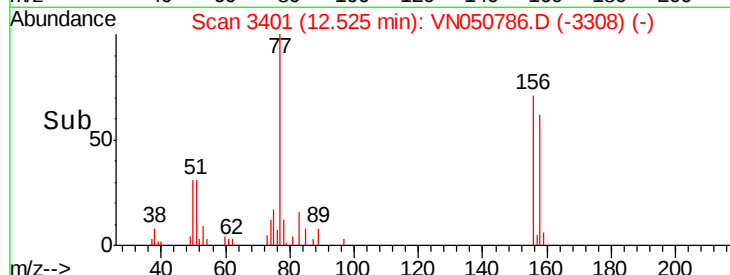
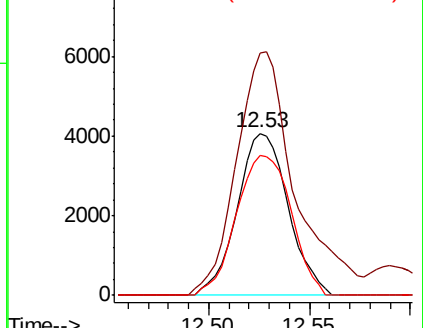
158 93.0 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.966 ug/l

RT: 12.59 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN050786.D

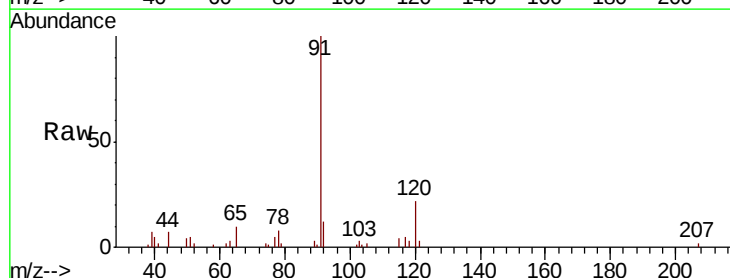
Acq: 21 Aug 2018 13:43

Tgt Ion: 91 Resp: 23939

Ion Ratio Lower Upper

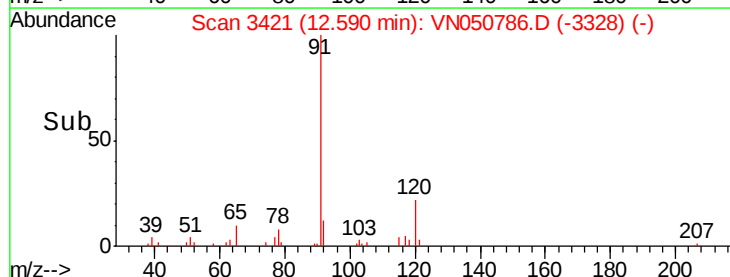
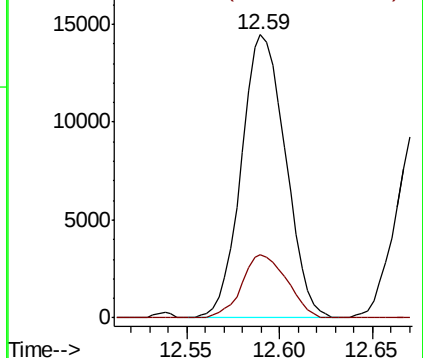
91 100

120 22.7 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: 1.075 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampleId :

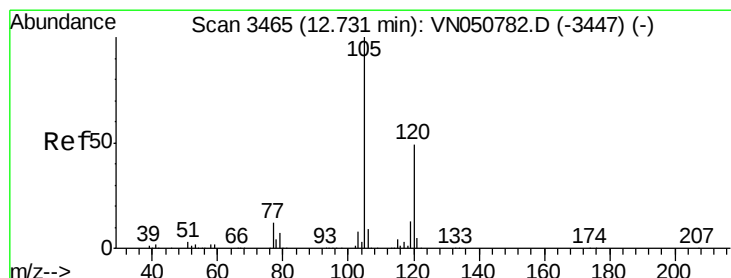
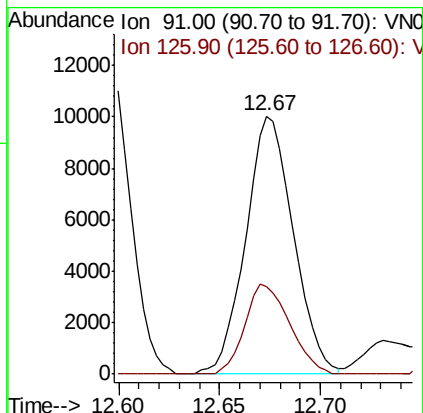
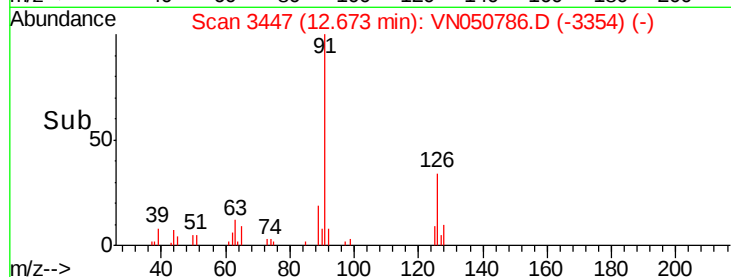
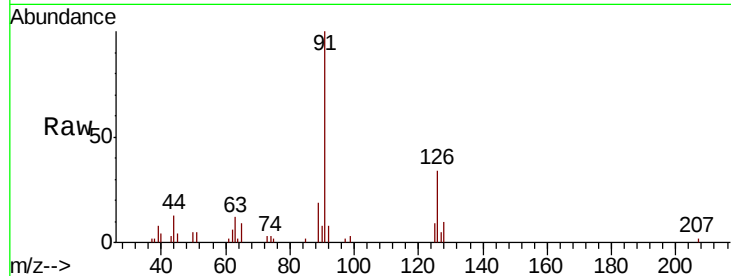
VSTDIC001

Tot Ion: 91 Resp: 16602

Ion Ratio Lower Upper

91 100

126 32.6 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 0.920 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050786.D

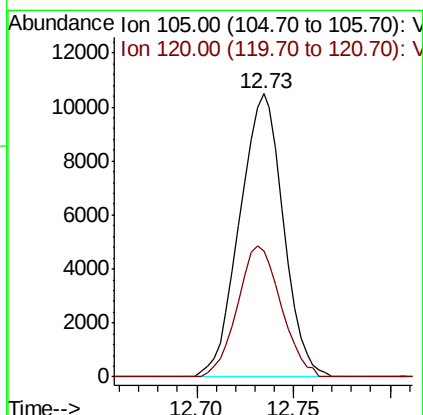
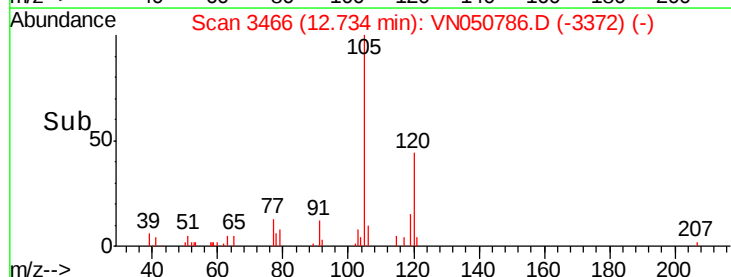
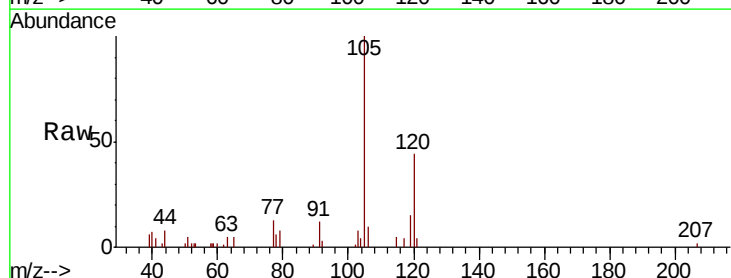
Acq: 21 Aug 2018 13:43

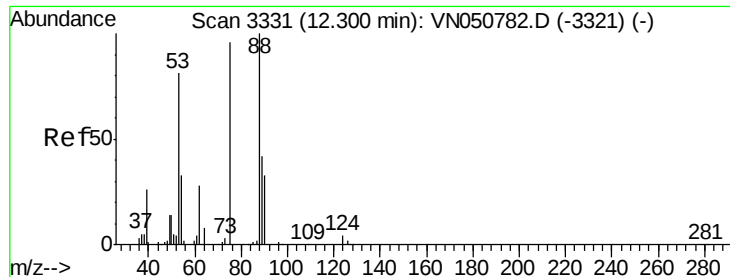
Tgt Ion: 105 Resp: 16468

Ion Ratio Lower Upper

105 100

120 46.2 24.6 74.0

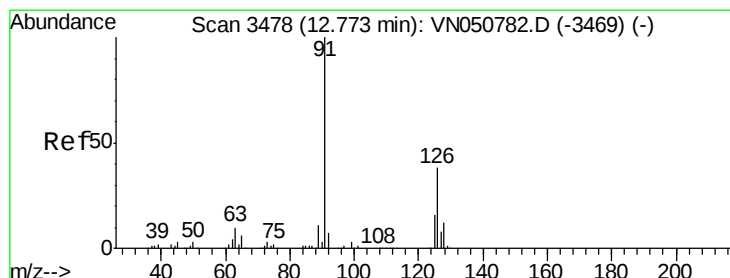
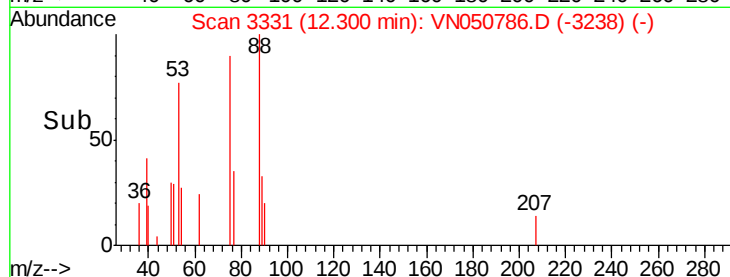
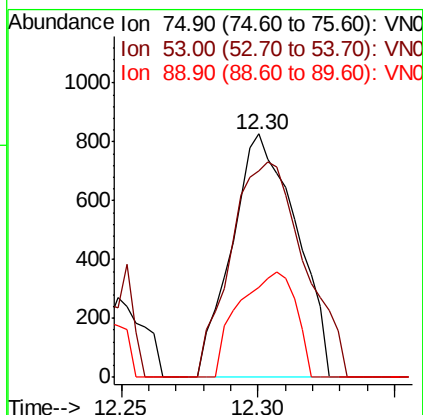
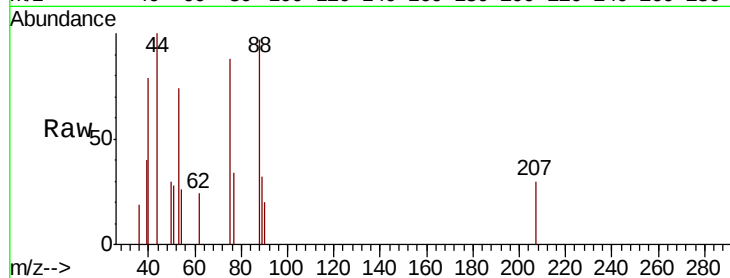




#81
trans-1,4-Dichloro-2-butene
Concen: 0.977 ug/l
RT: 12.30 min Scan# 3331
Delta R.T. 0.00 min
Lab File: VN050786.D
Acq: 21 Aug 2018 13:43

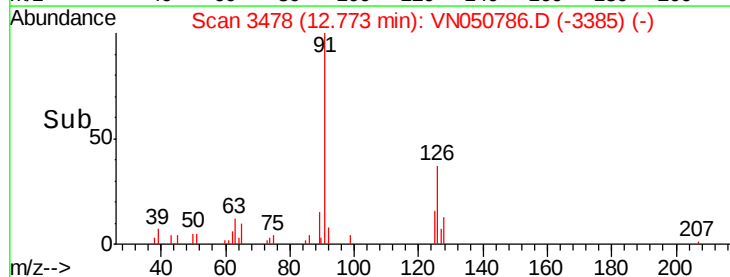
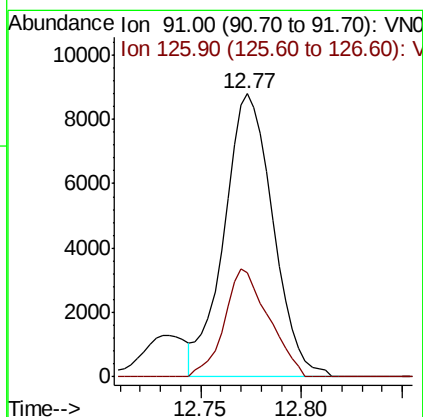
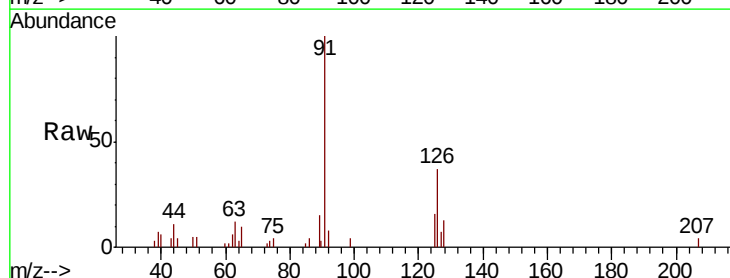
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

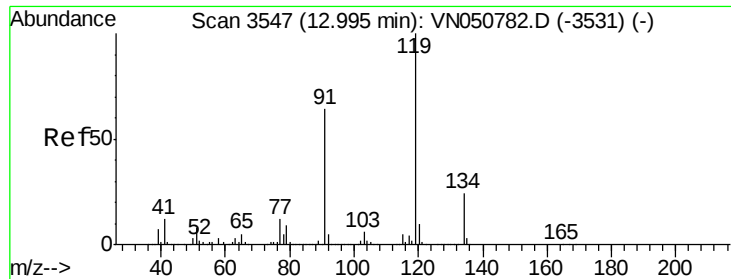
Tot Ion: 75 Resp: 1356
Ion Ratio Lower Upper
75 100
53 100.7 68.9 103.3
89 38.6 36.1 54.1



#82
4-Chlorotoluene
Concen: 0.979 ug/l
RT: 12.77 min Scan# 3478
Delta R.T. 0.00 min
Lab File: VN050786.D
Acq: 21 Aug 2018 13:43

Tgt Ion: 91 Resp: 14918
Ion Ratio Lower Upper
91 100
126 34.5 17.5 52.5

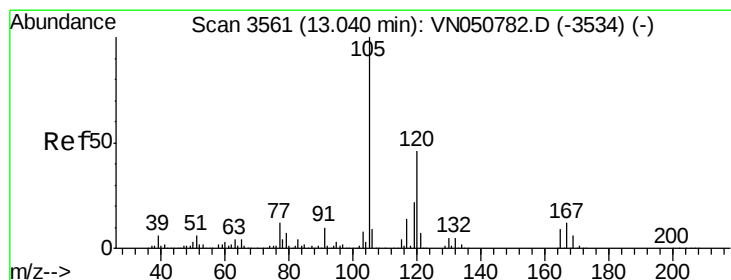
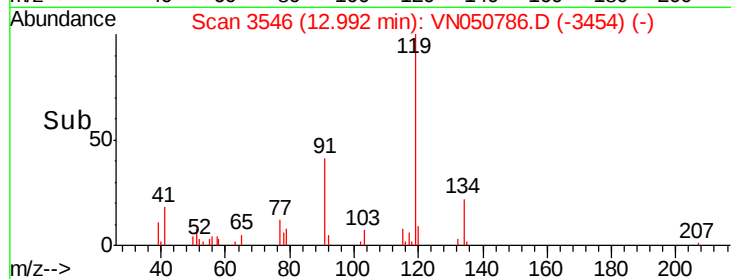
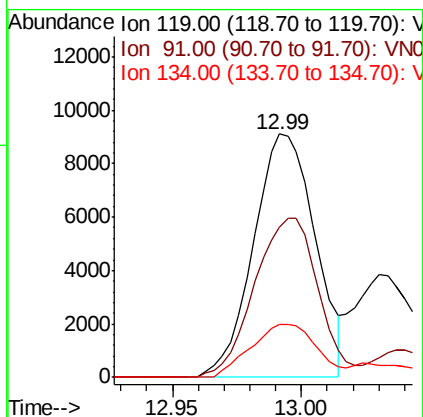
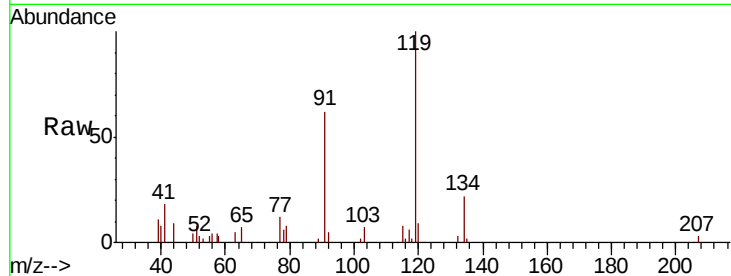




#83
 tert-Butylbenzene
 Concen: 0.979 ug/l
 RT: 12.99 min Scan# 3546
 Delta R.T. -0.00 min
 Lab File: VN050786.D
 Acq: 21 Aug 2018 13:43

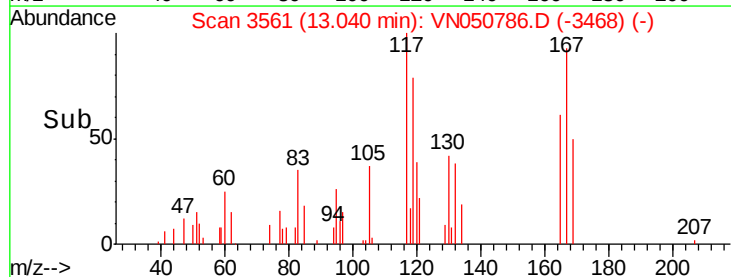
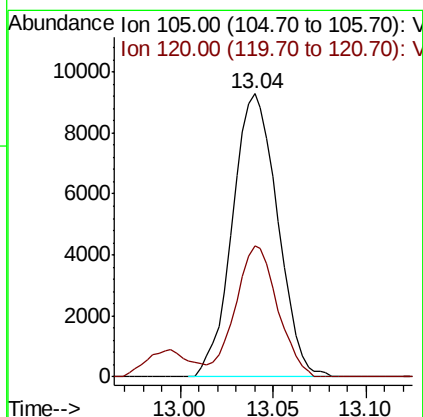
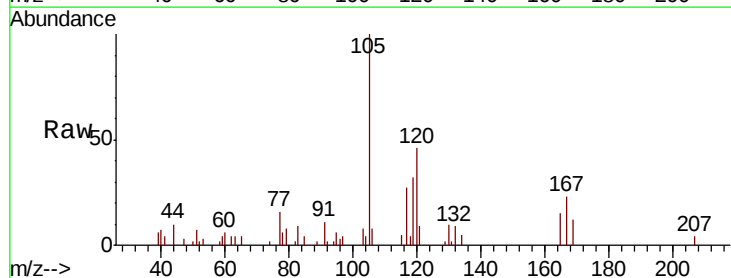
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

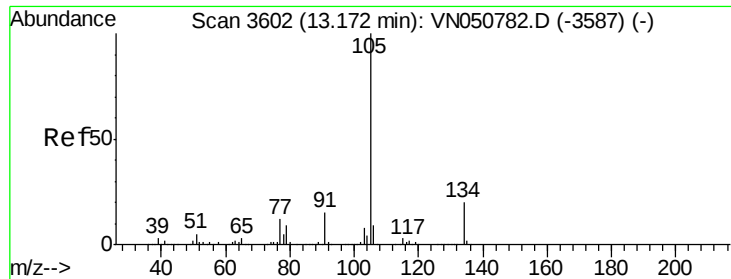
Tot Ion:119 Resp: 15173
 Ion Ratio Lower Upper
 119 100
 91 67.1 31.6 94.7
 134 23.3 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 0.869 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN050786.D
 Acq: 21 Aug 2018 13:43

Tgt Ion:105 Resp: 15652
 Ion Ratio Lower Upper
 105 100
 120 43.2 22.9 68.8





#85

sec-Butylbenzene

Concen: 0.894 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampled :

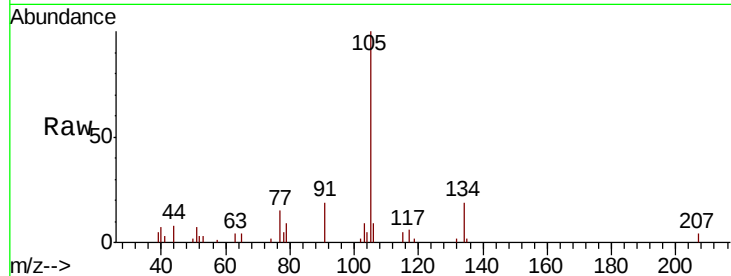
VSTDIC001

Tot Ion:105 Resp: 18163

Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

12000

10000

8000

6000

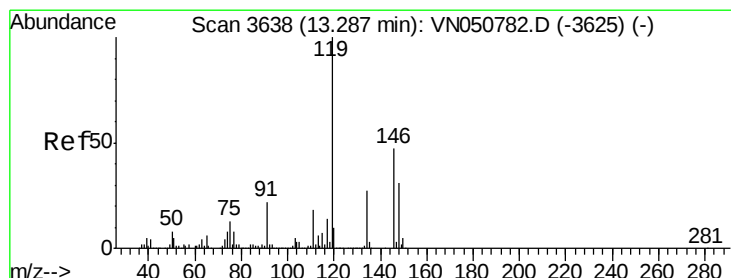
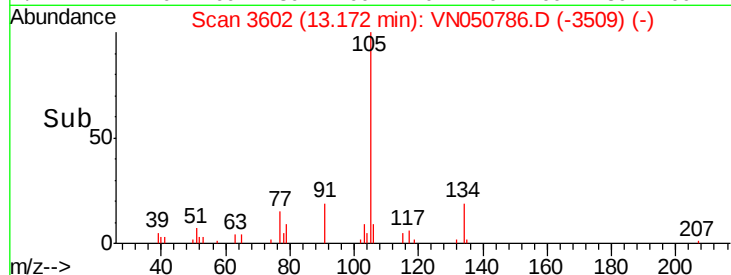
4000

2000

0

13.10 13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 0.809 ug/l

RT: 13.29 min Scan# 3638

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

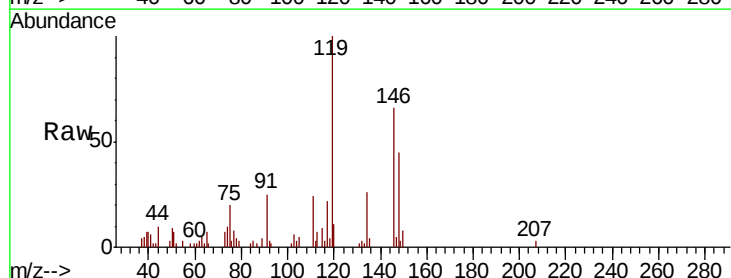
Tgt Ion:119 Resp: 14013

Ion Ratio Lower Upper

119 100

134 26.5 13.7 41.0

91 24.6 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

12000

10000

8000

6000

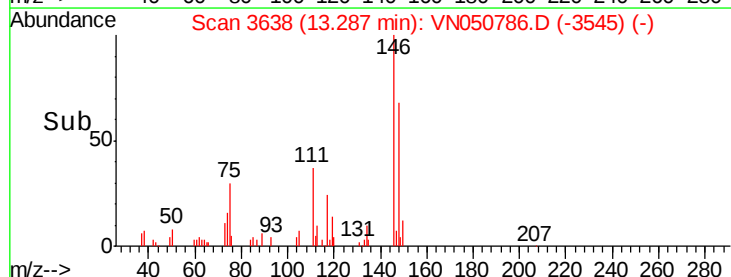
4000

2000

0

13.25 13.30

Time-->





#87

1,3-Dichlorobenzene

Concen: 1.043 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

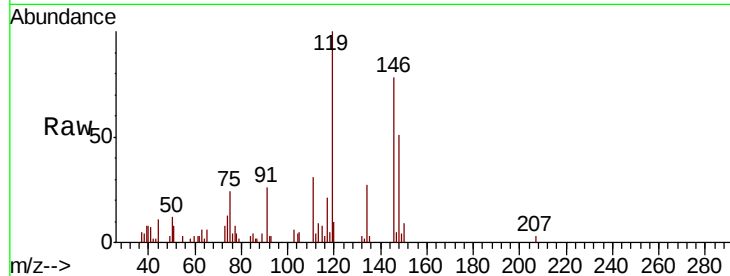
Tot Ion:146 Resp: 10673

Ion Ratio Lower Upper

146 100

111 37.5 19.1 57.3

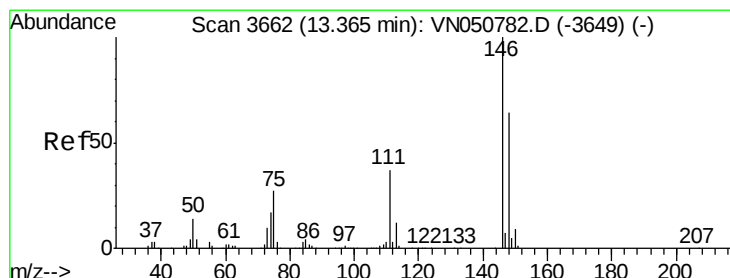
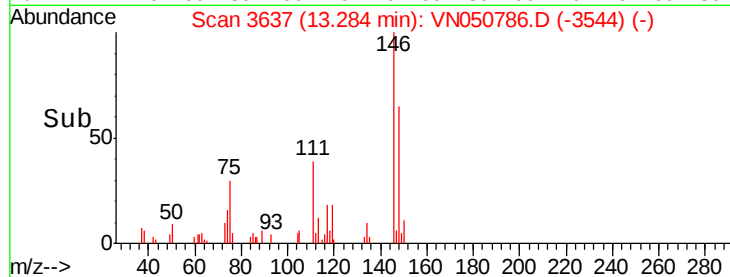
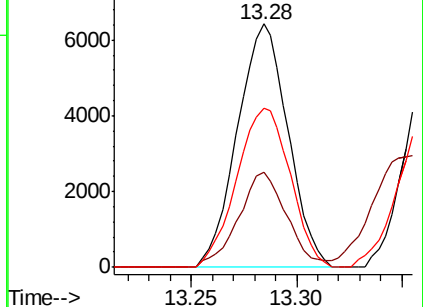
148 69.2 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 1.060 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.08 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

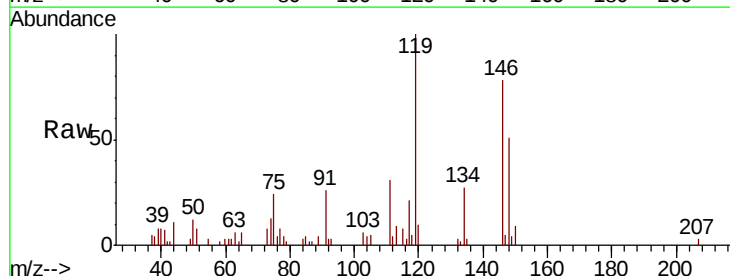
Tgt Ion:146 Resp: 10673

Ion Ratio Lower Upper

146 100

111 37.5 18.8 56.3

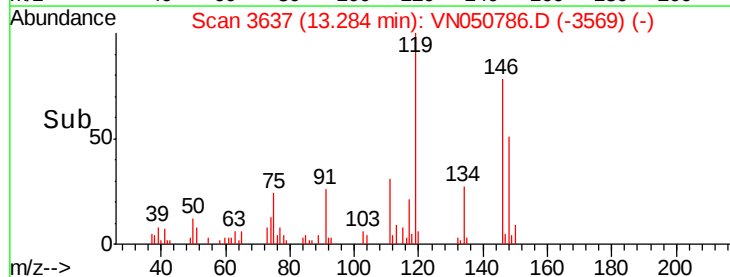
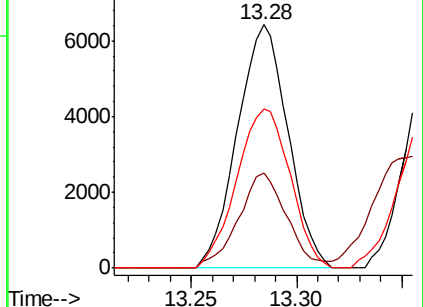
148 69.2 32.2 96.6

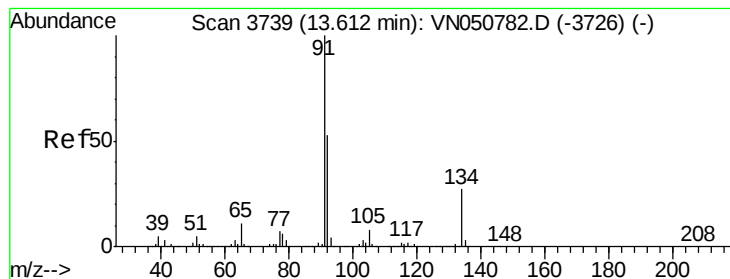


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.806 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

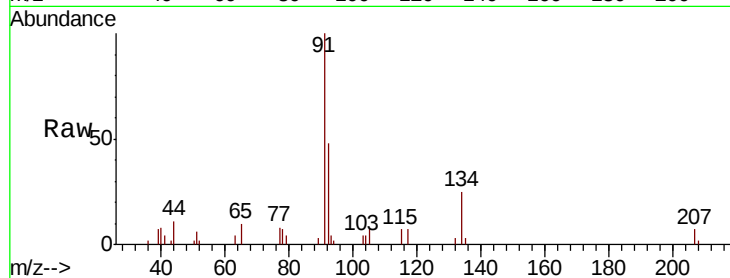
Tot Ion: 91 Resp: 11159

Ion Ratio Lower Upper

91 100

92 46.4 26.1 78.2

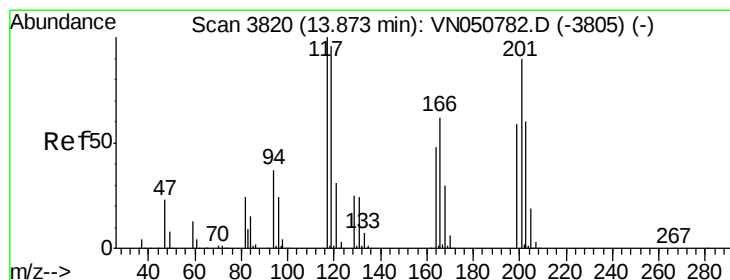
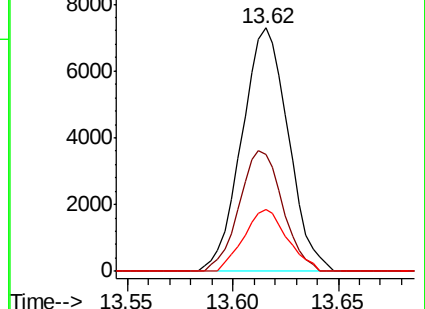
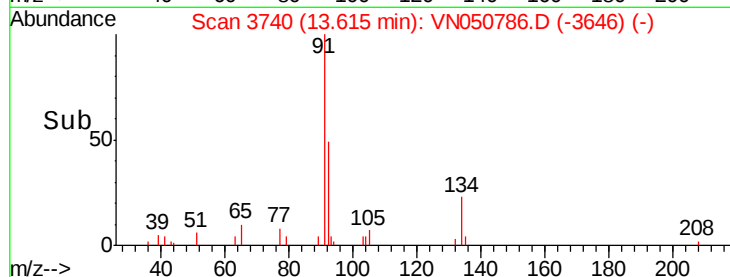
134 23.7 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VN050786.D (-3740) (-)

Ion 92.00 (91.70 to 92.70): VN050786.D (-3740) (-)

Ion 134.00 (133.70 to 134.70): VN050786.D (-3740) (-)



#90

Hexachloroethane

Concen: 1.311 ug/l

RT: 13.87 min Scan# 3820

Delta R.T. 0.00 min

Lab File: VN050786.D

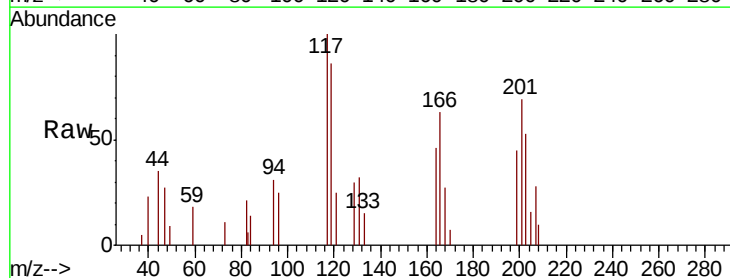
Acq: 21 Aug 2018 13:43

Tgt Ion: 117 Resp: 4696

Ion Ratio Lower Upper

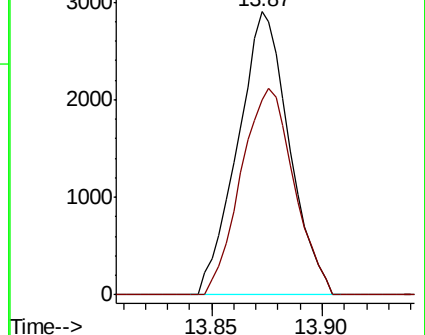
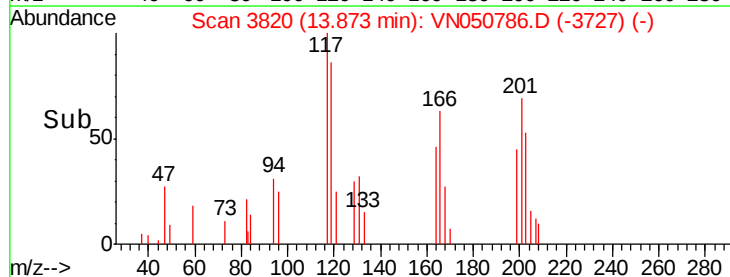
117 100

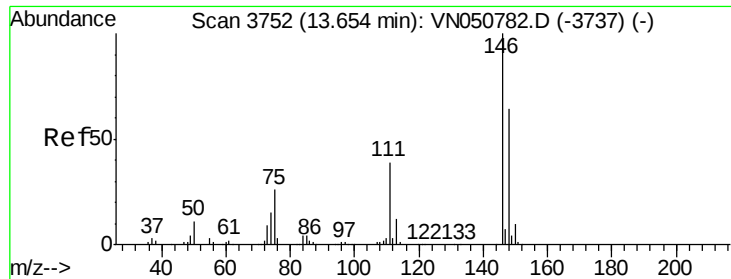
201 75.1 46.0 137.8



Abundance Ion 116.80 (116.50 to 117.50): VN050786.D (-3820) (-)

Ion 200.70 (200.40 to 201.40): VN050786.D (-3820) (-)





#91

1,2-Dichlorobenzene

Concen: 1.101 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

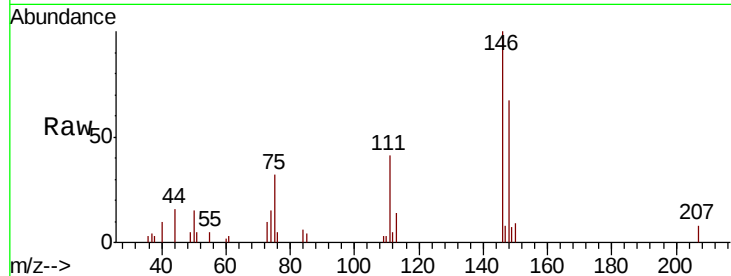
Tot Ion:146 Resp: 10866

Ion Ratio Lower Upper

146 100

111 41.5 19.8 59.3

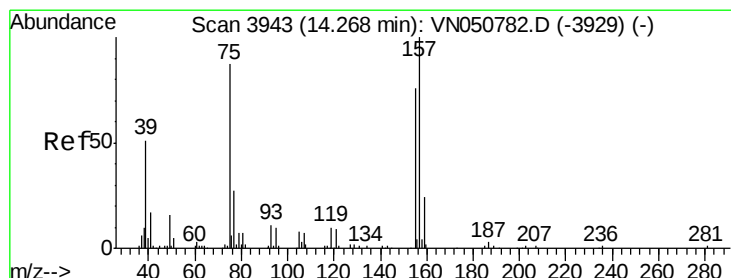
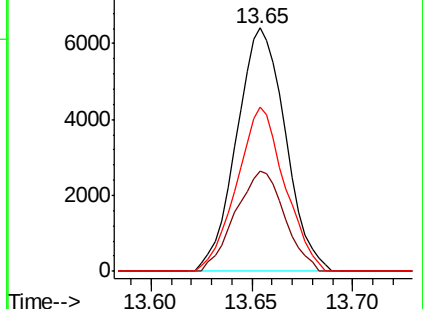
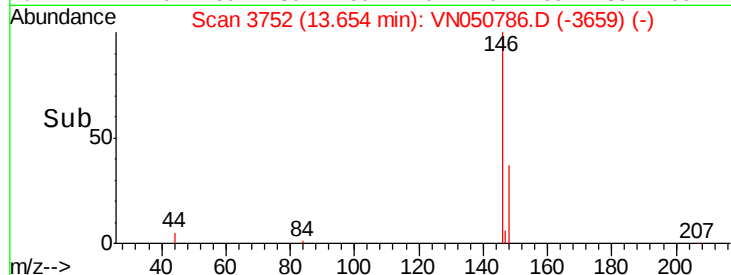
148 66.2 32.3 96.8



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: 1.155 ug/l

RT: 14.27 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

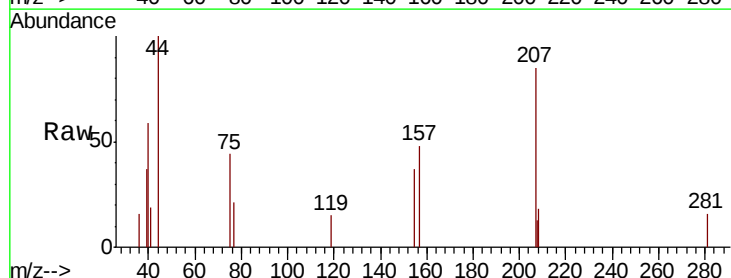
Tgt Ion: 75 Resp: 920

Ion Ratio Lower Upper

75 100

155 78.2 46.4 139.1

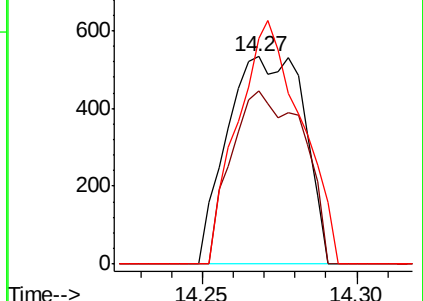
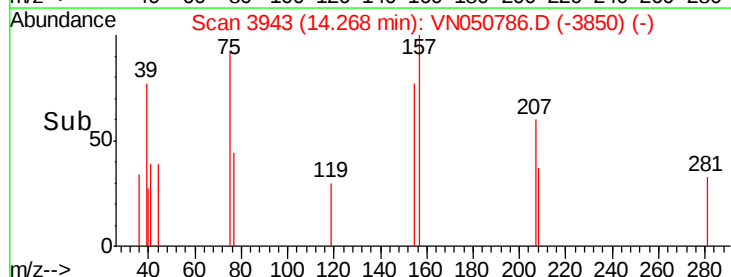
157 97.2 60.7 182.0

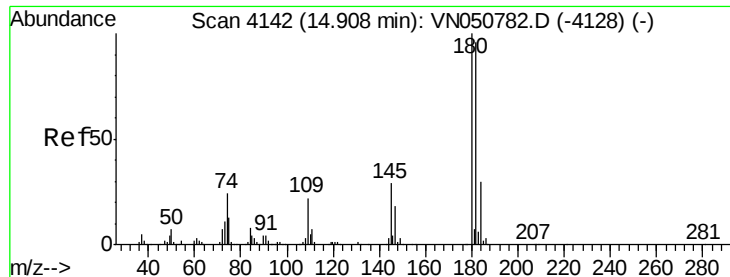


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

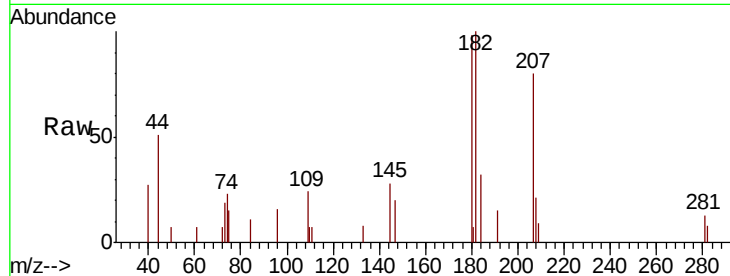




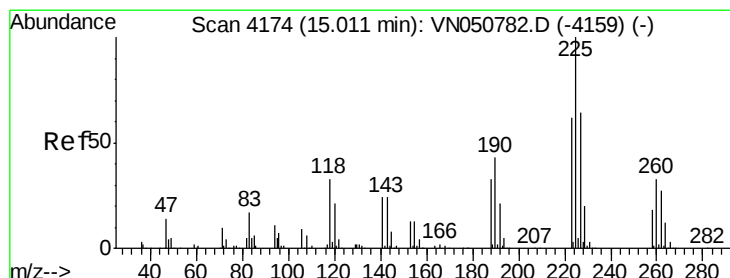
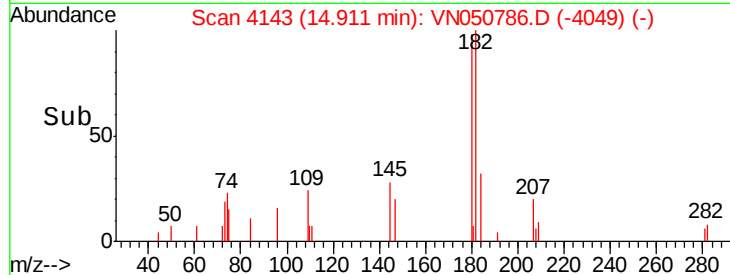
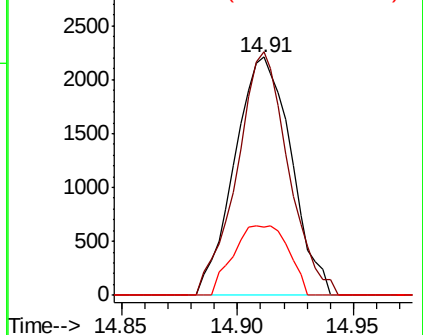
#93
 1,2,4-Trichlorobenzene
 Concen: 0.868 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050786.D
 Acq: 21 Aug 2018 13:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:180 Resp: 3732
 Ion Ratio Lower Upper
 180 100
 182 93.3 48.2 144.6
 145 28.5 14.1 42.2

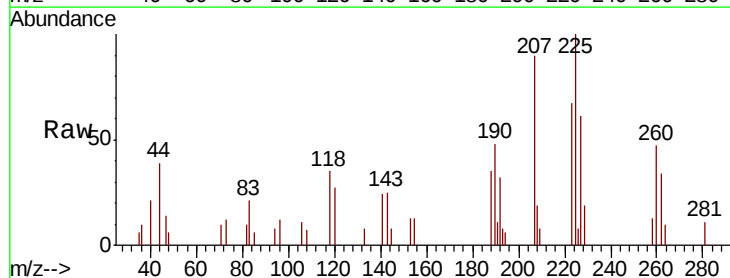


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

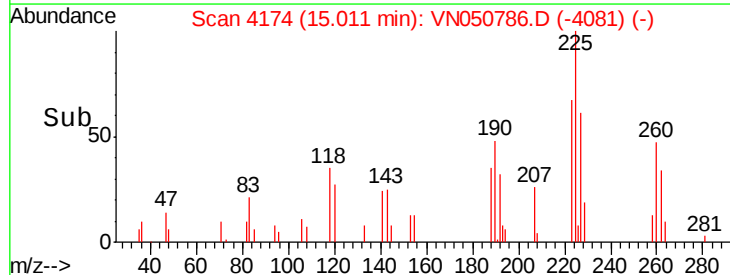
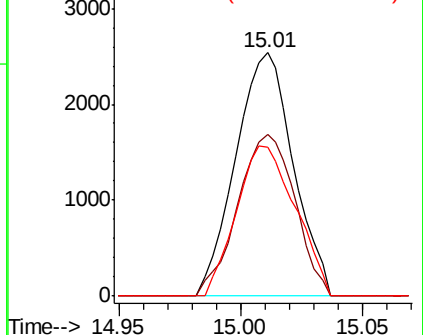


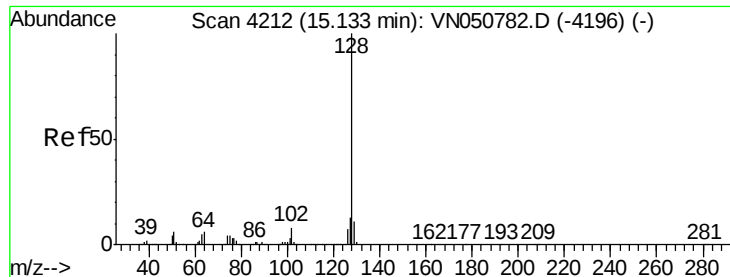
#94
 Hexachlorobutadiene
 Concen: 1.289 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. 0.00 min
 Lab File: VN050786.D
 Acq: 21 Aug 2018 13:43

Tgt Ion:225 Resp: 4150
 Ion Ratio Lower Upper
 225 100
 223 66.0 31.3 93.8
 227 63.1 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 0.814 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

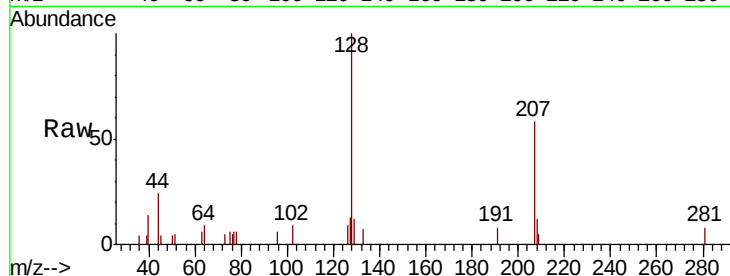
Tot Ion:128 Resp: 6902

Ion Ratio Lower Upper

128 100

127 11.8 10.5 15.7

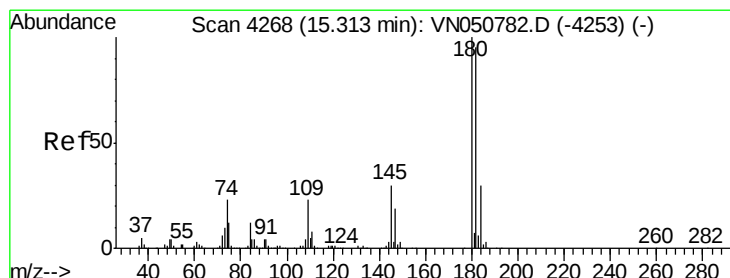
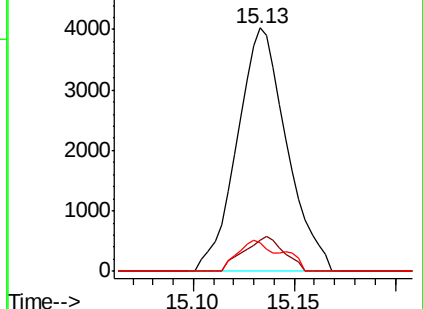
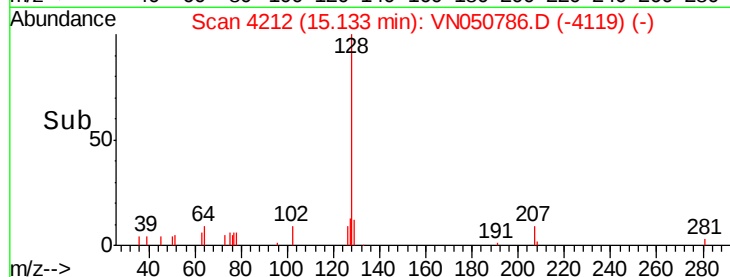
129 11.3 8.7 13.1



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: 0.909 ug/l

RT: 15.31 min Scan# 4268

Delta R.T. 0.00 min

Lab File: VN050786.D

Acq: 21 Aug 2018 13:43

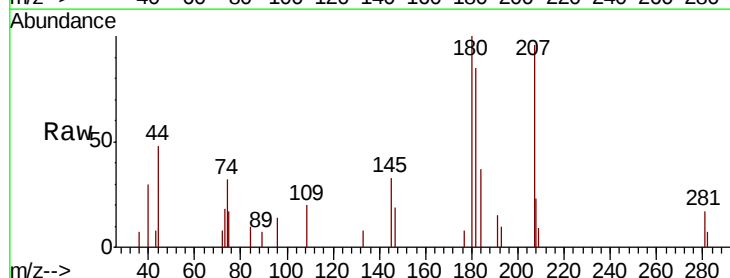
Tgt Ion:180 Resp: 3804

Ion Ratio Lower Upper

180 100

182 100.1 48.0 144.2

145 34.1 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

