

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092018\
 Data File : VN051341.D
 Acq On : 20 Sep 2018 15:30
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 21 03:40:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 03:27:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	724625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	960370	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	912000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	513437	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	1068333	136.03	ug/l	0.00
Spiked Amount			Recovery	=	272.06%	
35) Dibromofluoromethane	7.59	113	1078582	138.97	ug/l	0.00
Spiked Amount			Recovery	=	277.94%	
50) Toluene-d8	10.09	98	4191960	140.50	ug/l	0.00
Spiked Amount			Recovery	=	281.00%	
62) 4-Bromofluorobenzene	12.40	95	1433631	147.70	ug/l	0.00
Spiked Amount			Recovery	=	295.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	822477	135.83	ug/l	98
3) Chloromethane	2.06	50	1095664	127.54	ug/l	100
4) Vinyl Chloride	2.18	62	1195291	140.04	ug/l	99
5) Bromomethane	2.55	94	840161	141.11	ug/l	97
6) Chloroethane	2.69	64	743701	141.78	ug/l	98
7) Trichlorofluoromethane	3.01	101	1712326	140.32	ug/l	99
8) Diethyl Ether	3.41	74	594013	152.14	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	1033504	138.03	ug/l	99
10) Methyl Iodide	3.95	142	1774886	160.17	ug/l	99
11) Tert butyl alcohol	4.79	59	317719	763.05	ug/l	98
12) 1,1-Dichloroethene	3.73	96	979165	144.46	ug/l	99
13) Acrolein	3.61	56	399531	838.35	ug/l	99
14) Allyl chloride	4.32	41	1450028	151.78	ug/l	99
15) Acrylonitrile	4.99	53	1591922	754.42	ug/l	100
16) Acetone	3.82	43	1040434	644.88	ug/l	100
17) Carbon Disulfide	4.05	76	2939017	143.90	ug/l	99
18) Methyl Acetate	4.32	43	675881	121.91	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	2571820	156.77	ug/l	99
20) Methylene Chloride	4.55	84	1101489	136.44	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	1049599	146.62	ug/l	97
22) Diisopropyl ether	5.95	45	2836051	150.28	ug/l	98
23) Vinyl Acetate	5.90	43	9624514	788.46	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1828558	142.14	ug/l	99
25) 2-Butanone	6.84	43	1611794	718.27	ug/l	100
26) 2,2-Dichloropropane	6.83	77	1517049	142.72	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	1199746	151.24	ug/l	98
28) Bromochloromethane	7.20	49	806930	151.35	ug/l	98
29) Tetrahydrofuran	7.21	42	1072085	754.11	ug/l	99
30) Chloroform	7.37	83	1885027	139.43	ug/l	99
31) Cyclohexane	7.65	56	1666623	131.67	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	1669422	143.32	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1484517	151.12	ug/l	99
37) Ethyl Acetate	6.93	43	737826	151.71	ug/l	99
38) Carbon Tetrachloride	7.77	117	1558178	146.62	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092018\
 Data File : VN051341.D
 Acq On : 20 Sep 2018 15:30
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 21 03:40:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 03:27:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1897660	165.52	ug/l	99
40) Benzene	8.04	78	4384050	148.11	ug/l	99
41) Methacrylonitrile	7.18	41	405782	160.16	ug/l	95
42) 1,2-Dichloroethane	8.12	62	1293984	144.72	ug/l	100
43) Isopropyl Acetate	8.17	43	1354693	159.06	ug/l #	87
44) Trichloroethene	8.84	130	1273607	149.89	ug/l	96
45) 1,2-Dichloropropane	9.12	63	1114622	147.16	ug/l	99
46) Dibromomethane	9.21	93	681932	146.05	ug/l	99
47) Bromodichloromethane	9.40	83	1474688	148.07	ug/l	99
48) Methyl methacrylate	9.20	41	695621	160.21	ug/l	99
49) 1,4-Dioxane	9.20	88	205068	3193.60	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	3569772	779.19	ug/l	99
52) Toluene	10.16	92	2874156	157.70	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1584372	165.69	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1790672	161.73	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	980588	143.44	ug/l	99
56) Ethyl methacrylate	10.43	69	1255922	173.93	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1645135	152.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	3151538	887.67	ug/l	99
59) 2-Hexanone	10.75	43	2383740	771.76	ug/l	100
60) Dibromochloromethane	10.90	129	1234431	154.84	ug/l	100
61) 1,2-Dibromoethane	11.01	107	1014159	154.30	ug/l	100
64) Tetrachloroethene	10.63	164	1181284	148.53	ug/l	99
65) Chlorobenzene	11.43	112	3287717	150.89	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1227905	148.03	ug/l	100
67) Ethyl Benzene	11.51	91	5524351	162.07	ug/l	100
68) m/p-Xylenes	11.62	106	4367485	326.14	ug/l	100
69) o-Xylene	11.95	106	2103462	162.94	ug/l	98
70) Styrene	11.96	104	3373752	168.37	ug/l	100
71) Bromoform	12.13	173	882440	156.75	ug/l #	99
73) Isopropylbenzene	12.25	105	5571282	148.06	ug/l	100
74) N-amyl acetate	12.07	43	1192173	148.09	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	1144184	123.21	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	1461186	197.07	ug/l #	100
77) Bromobenzene	12.53	156	1473809	141.76	ug/l	99
78) n-propylbenzene	12.59	91	6233394	151.95	ug/l	100
79) 2-Chlorotoluene	12.67	91	3619785	143.18	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	4610085	151.12	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	362977	169.48	ug/l	95
82) 4-Chlorotoluene	12.77	91	3696524	150.43	ug/l	100
83) tert-Butylbenzene	12.99	119	4107422	150.43	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	4692518	154.99	ug/l	100
85) sec-Butylbenzene	13.17	105	5567589	153.33	ug/l	99
86) p-Isopropyltoluene	13.29	119	5057705	160.05	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	2605209	149.08	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	2544420	150.20	ug/l	99
89) n-Butylbenzene	13.61	91	4154542	169.12	ug/l	99
90) Hexachloroethane	13.87	117	904900	133.71	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	2421698	143.45	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	177639	144.43	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092018\
Data File : VN051341.D
Acq On : 20 Sep 2018 15:30
Operator : MD\SY
Sample : VSTDICC150
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Quant Time: Sep 21 03:40:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 03:27:45 2018
Response via : Initial Calibration

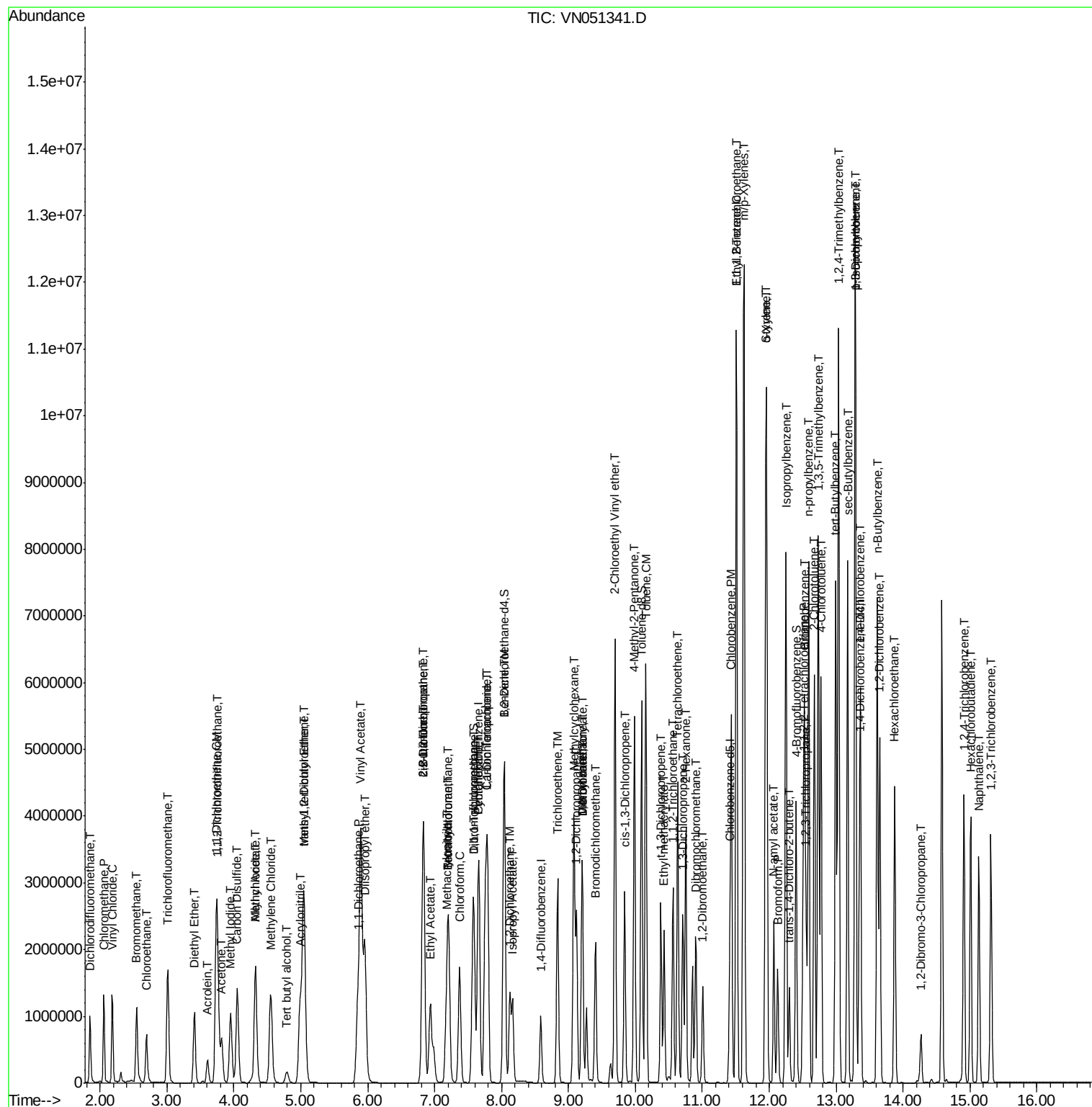
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1568897	202.73	ug/l	99
94) Hexachlorobutadiene	15.01	225	923750	141.00	ug/l	99
95) Naphthalene	15.13	128	2984798	218.79	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	1472568	191.25	ug/l	100

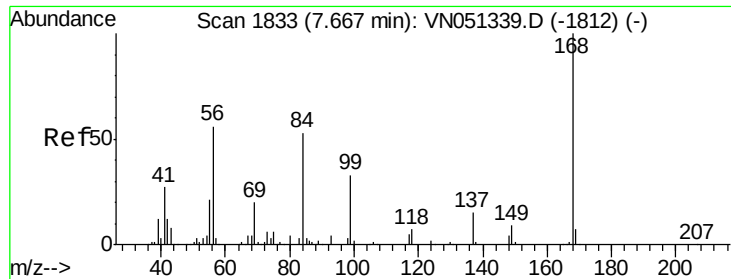
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092018\
 Data File : VN051341.D
 Acq On : 20 Sep 2018 15:30
 Operator : MD\SY
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Quant Time: Sep 21 03:40:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 03:27:45 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampleId :

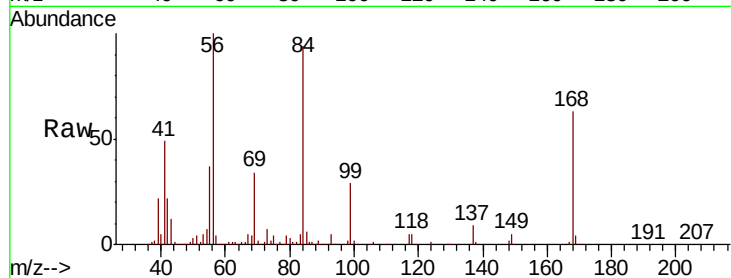
VSTDIC150

Tot Ion:168 Resp: 724625

Ion Ratio Lower Upper

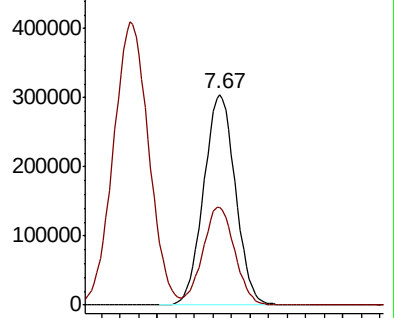
168 100

99 46.4 37.1 55.7

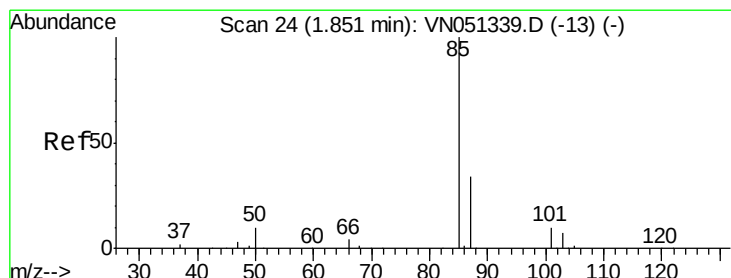
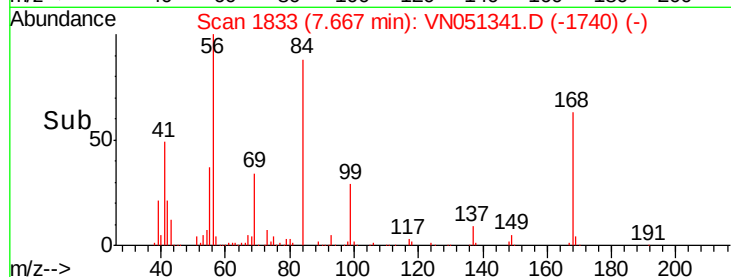


Abundance Ion 167.90 (167.60 to 168.60): VN051339.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051339.D (-1812) (-)



Time-->



#2

Dichlorodifluoromethane

Concen: 135.83 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051341.D

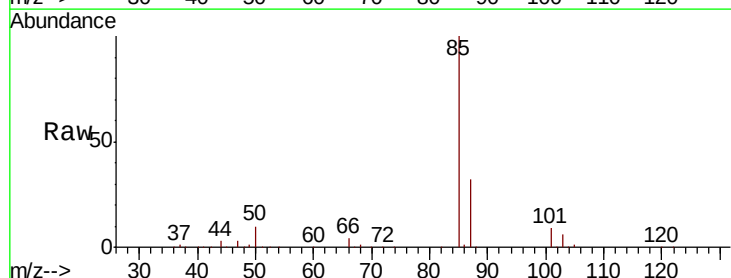
Acq: 20 Sep 2018 15:30

Tgt Ion: 85 Resp: 822477

Ion Ratio Lower Upper

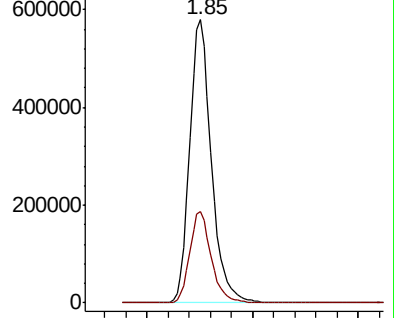
85 100

87 32.4 16.8 50.4

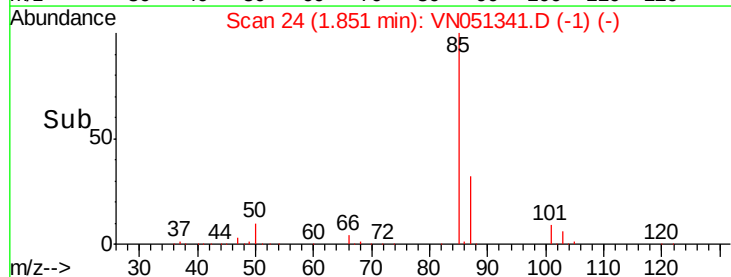


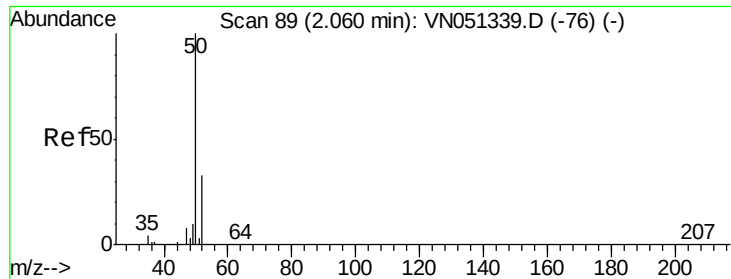
Abundance Ion 84.90 (84.60 to 85.60): VN051339.D (-13) (-)

Ion 86.90 (86.60 to 87.60): VN051339.D (-13) (-)



Time-->





#3

Chloromethane

Concen: 127.54 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampleId :

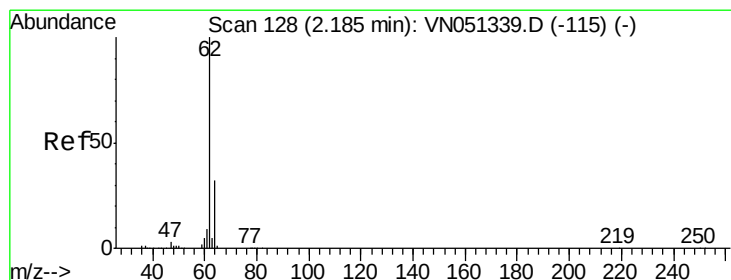
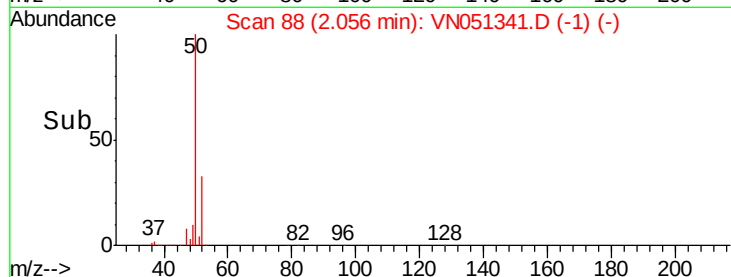
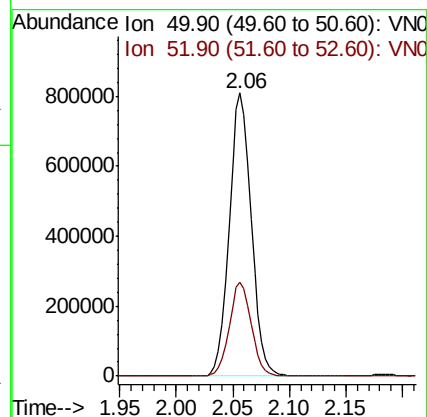
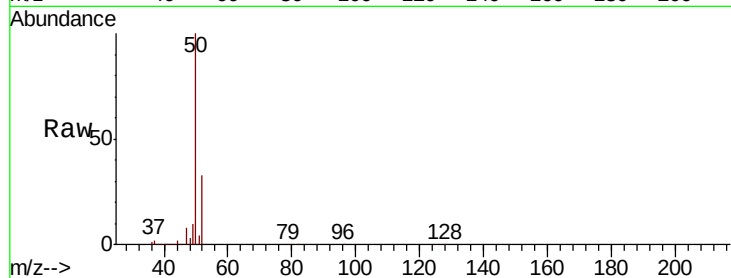
VSTDIC150

Tot Ion: 50 Resp: 1095664

Ion Ratio Lower Upper

50 100

52 33.3 26.7 40.1



#4

Vinyl Chloride

Concen: 140.04 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN051341.D

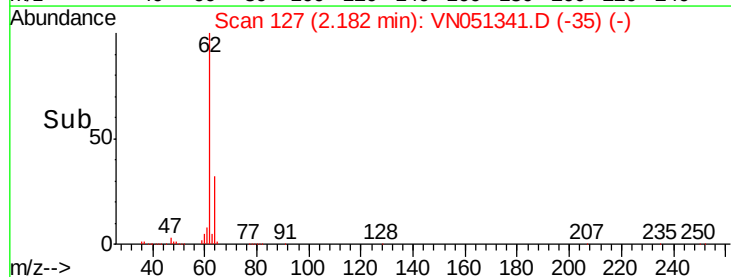
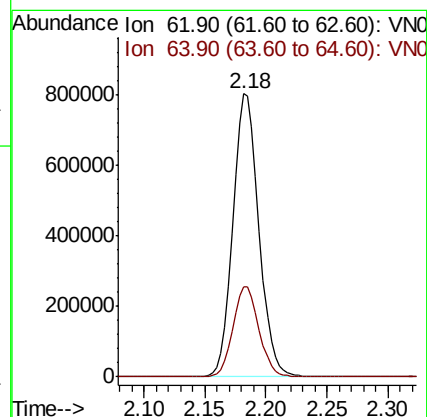
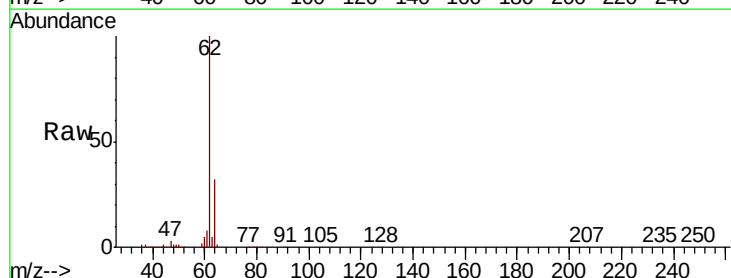
Acq: 20 Sep 2018 15:30

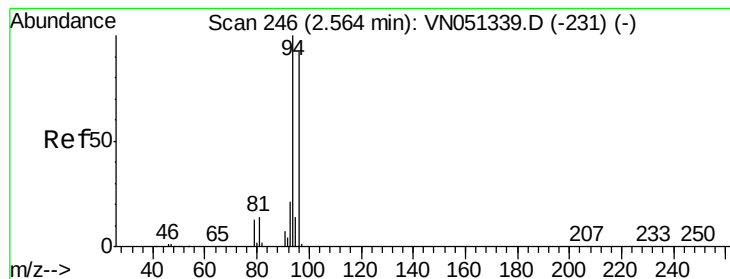
Tgt Ion: 62 Resp: 1195291

Ion Ratio Lower Upper

62 100

64 32.0 25.9 38.9





#5

Bromomethane

Concen: 141.11 ug/l

RT: 2.55 min Scan# 241

Delta R.T. -0.02 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampleId :

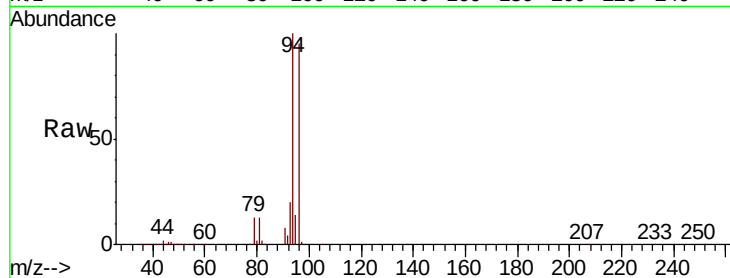
VSTDIC150

Tot Ion: 94 Resp: 840161

Ion Ratio Lower Upper

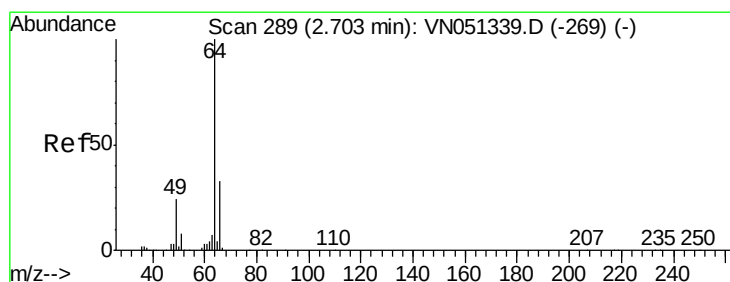
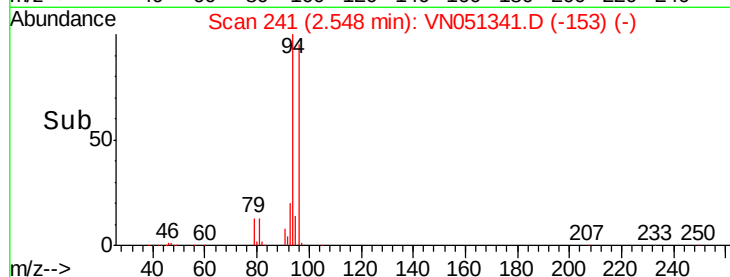
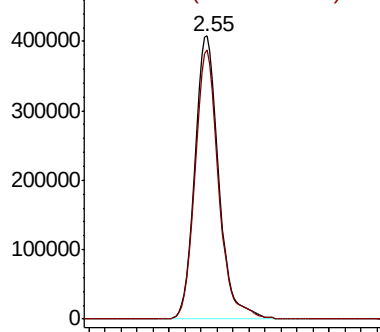
94 100

96 94.9 73.8 110.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 141.78 ug/l

RT: 2.69 min Scan# 286

Delta R.T. -0.01 min

Lab File: VN051341.D

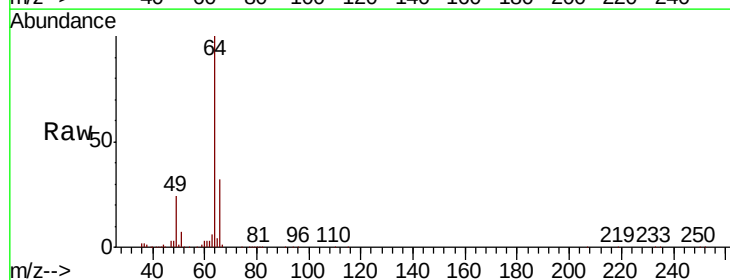
Acq: 20 Sep 2018 15:30

Tgt Ion: 64 Resp: 743701

Ion Ratio Lower Upper

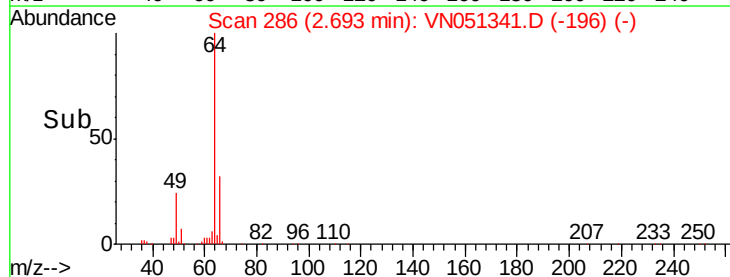
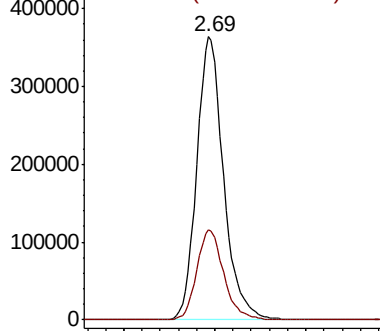
64 100

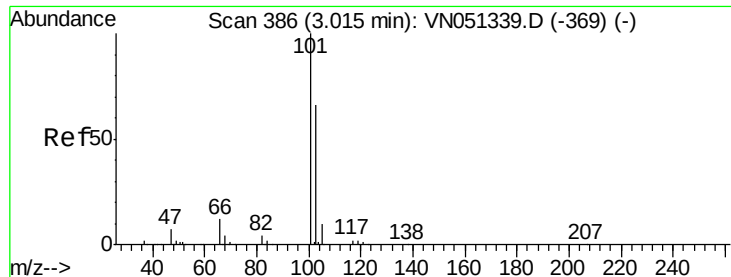
66 31.9 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



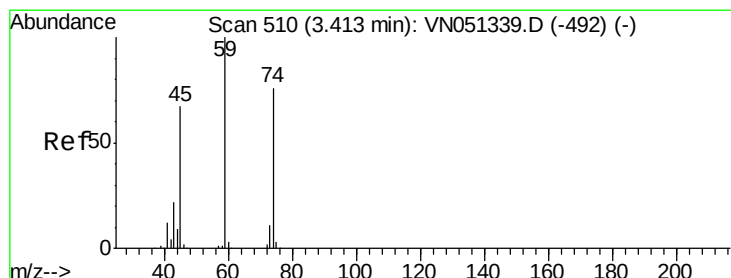
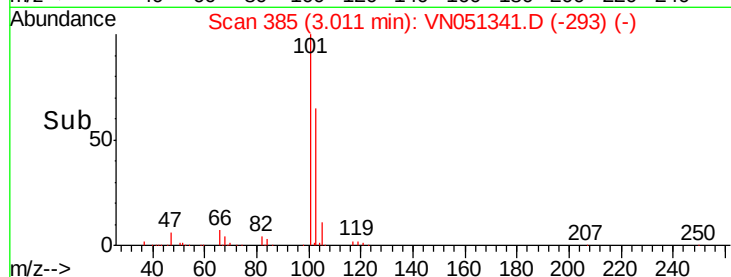
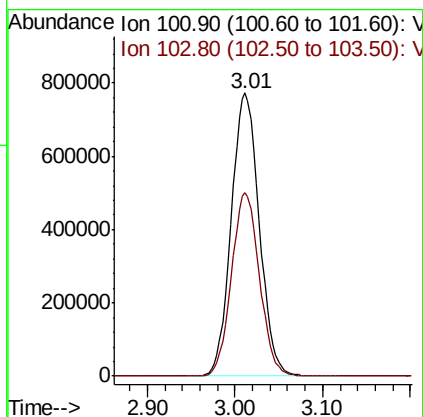
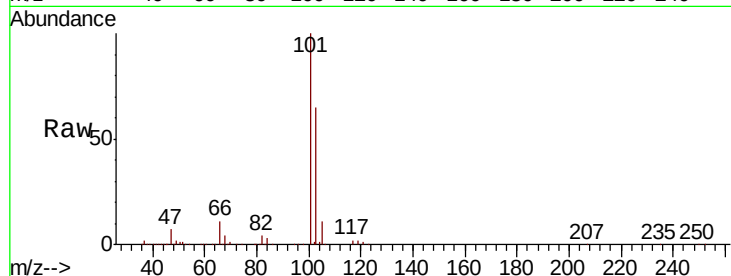


#7

Trichlorofluoromethane
 Concen: 140.32 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. -0.00 min
 Lab File: VN051341.D
 Acq: 20 Sep 2018 15:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

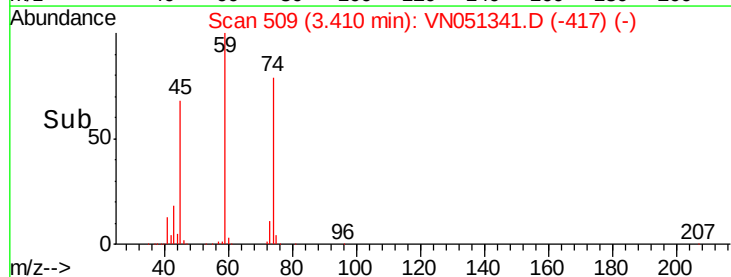
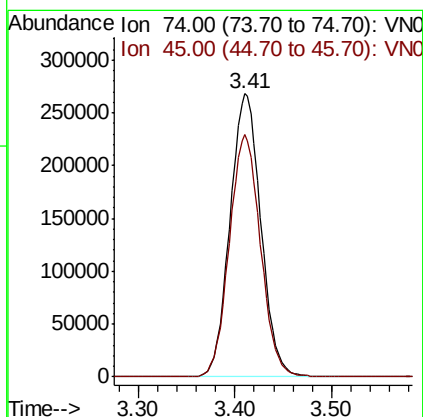
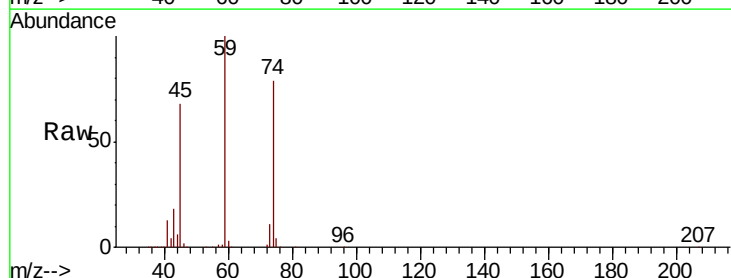
Tot Ion:101 Resp: 1712326
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.7 79.1

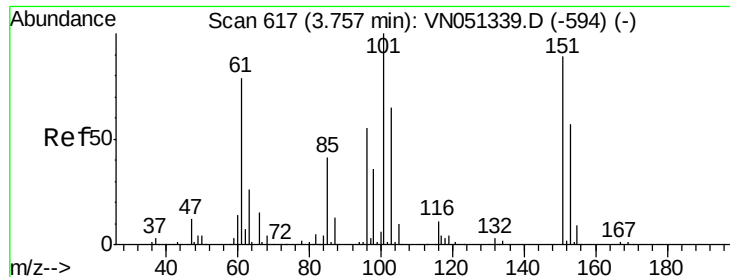


#8

Diethyl Ether
 Concen: 152.14 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051341.D
 Acq: 20 Sep 2018 15:30

Tgt Ion: 74 Resp: 594013
 Ion Ratio Lower Upper
 74 100
 45 86.2 44.1 132.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 138.03 ug/l

RT: 3.76 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

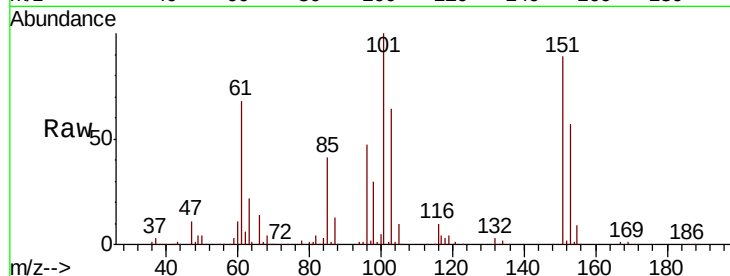
Tot Ion:101 Resp: 1033504

Ion Ratio Lower Upper

101 100

85 41.0 33.4 50.2

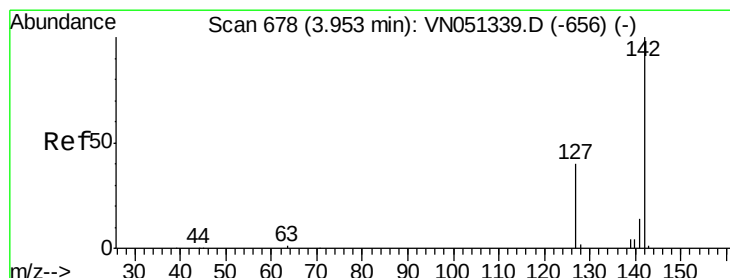
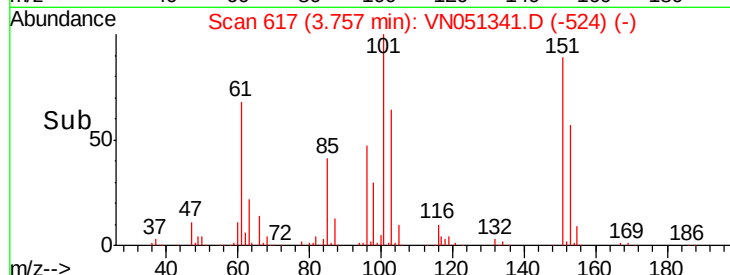
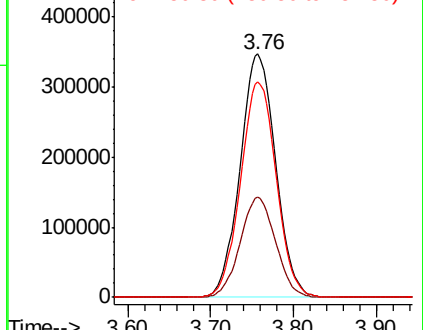
151 89.1 71.8 107.6



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: 160.17 ug/l

RT: 3.95 min Scan# 677

Delta R.T. -0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

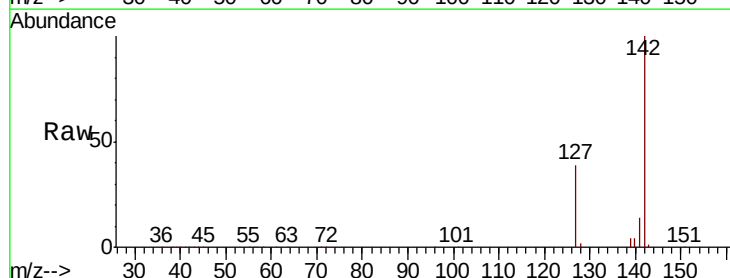
Tgt Ion:142 Resp: 1774886

Ion Ratio Lower Upper

142 100

127 39.2 31.9 47.9

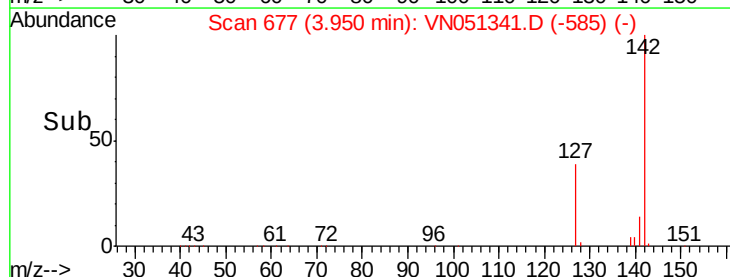
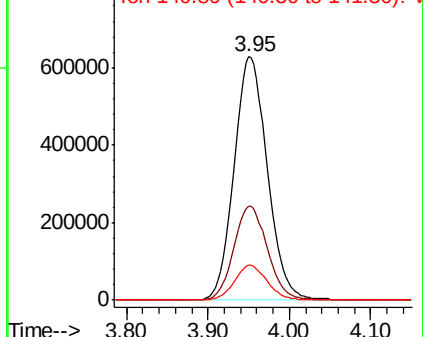
141 14.2 11.4 17.0

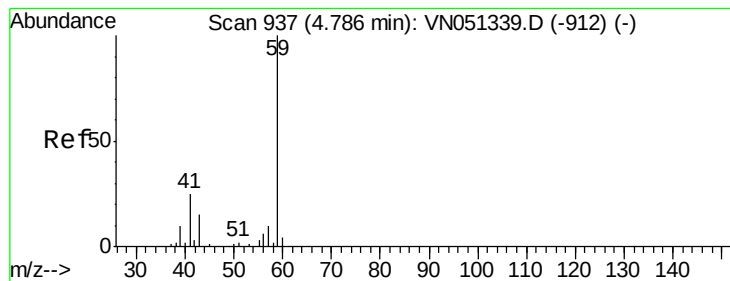


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



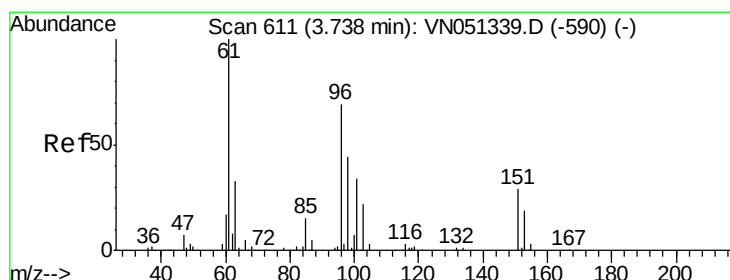
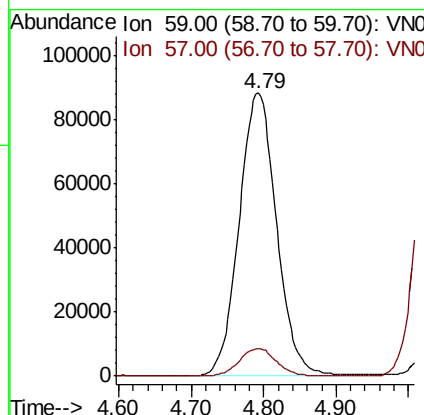
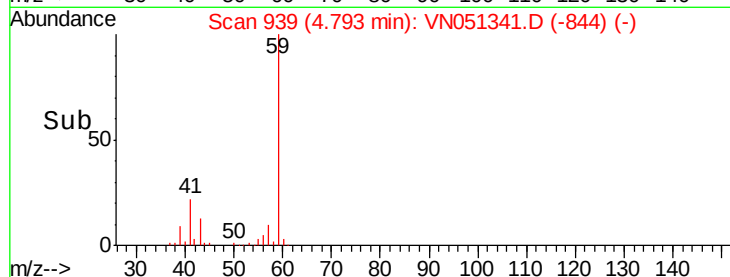
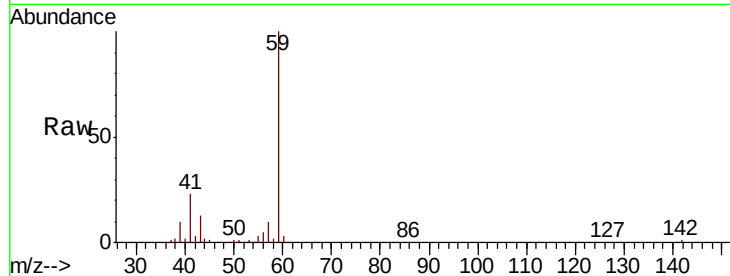


#11

Tert butyl alcohol
 Concen: 763.05 ug/l
 RT: 4.79 min Scan# 939
 Delta R.T. 0.01 min
 Lab File: VN051341.D
 Acq: 20 Sep 2018 15:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

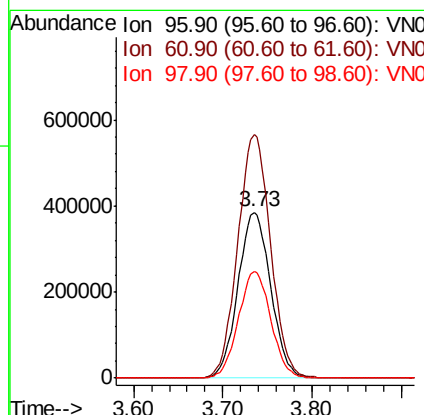
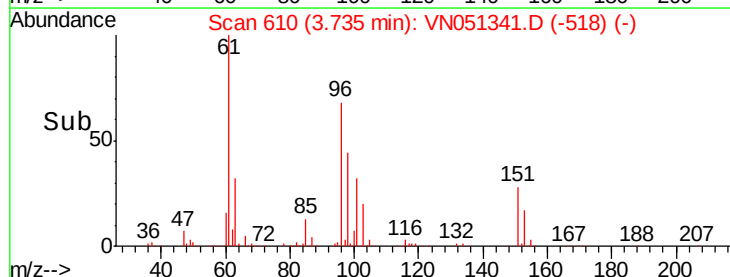
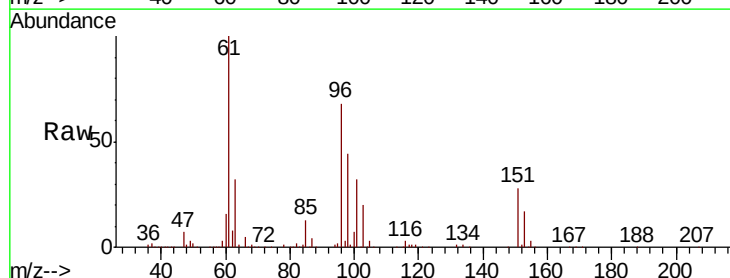
Tot Ion: 59 Resp: 317719
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.3 12.5

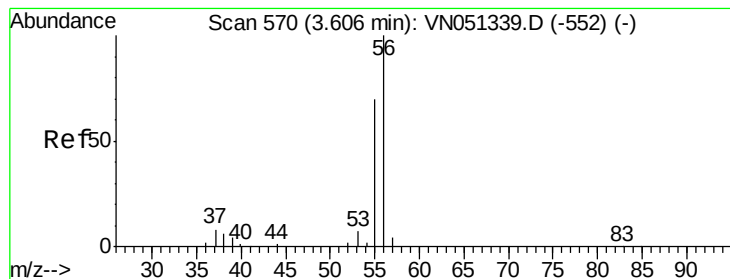


#12

1,1-Dichloroethene
 Concen: 144.46 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: VN051341.D
 Acq: 20 Sep 2018 15:30

Tgt Ion: 96 Resp: 979165
 Ion Ratio Lower Upper
 96 100
 61 146.7 116.4 174.6
 98 63.9 50.9 76.3





#13

Acrolein

Concen: 838.35 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampleId :

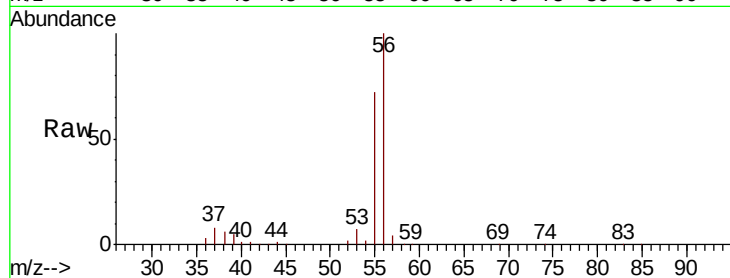
VSTDIC150

Tot Ion: 56 Resp: 399531

Ion Ratio Lower Upper

56 100

55 71.8 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

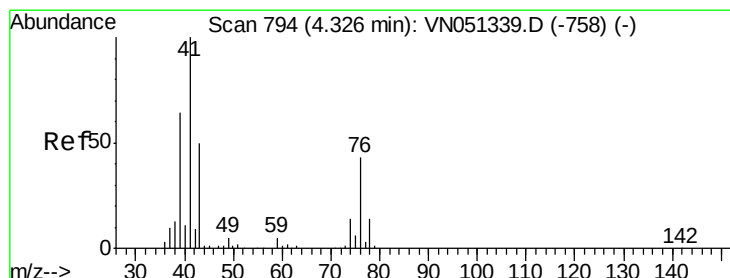
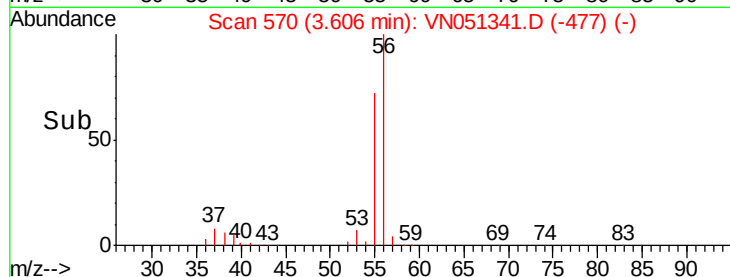
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 151.78 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

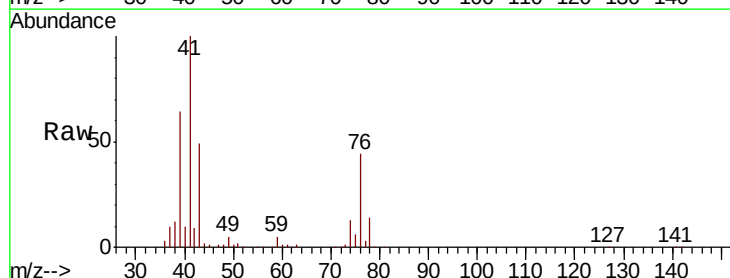
Tgt Ion: 41 Resp: 1450028

Ion Ratio Lower Upper

41 100

39 62.2 50.4 75.6

76 40.9 32.4 48.6



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.32

600000

500000

400000

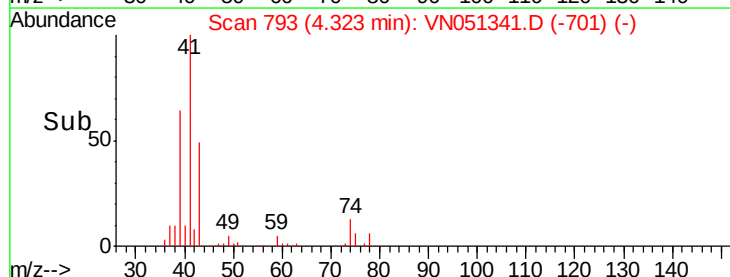
300000

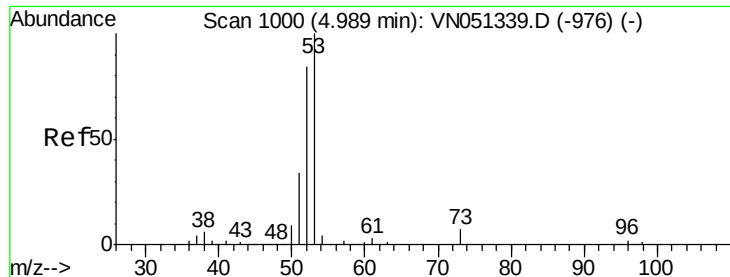
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 754.42 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

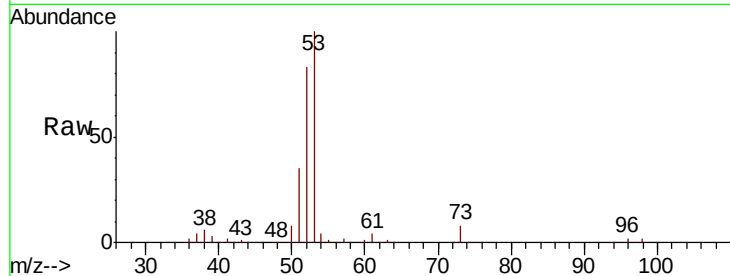
Tot Ion: 53 Resp: 1591922

Ion Ratio Lower Upper

53 100

52 82.0 65.4 98.0

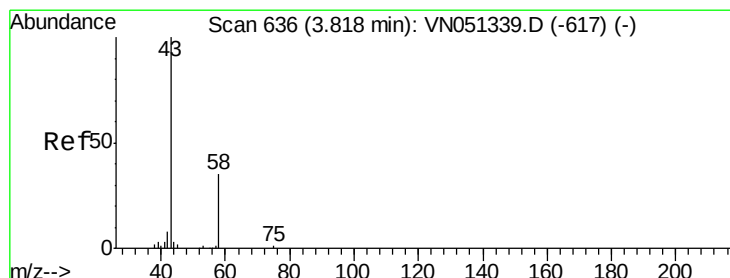
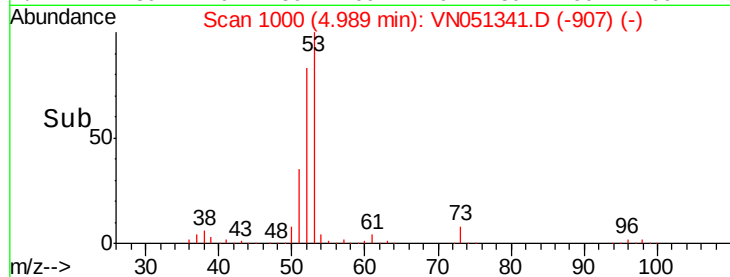
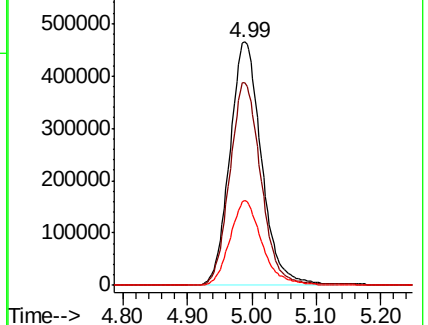
51 35.3 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN051339.D (-976) (-)

Ion 52.00 (51.70 to 52.70): VN051339.D (-976) (-)

Ion 51.00 (50.70 to 51.70): VN051339.D (-976) (-)



#16

Acetone

Concen: 644.88 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN051341.D

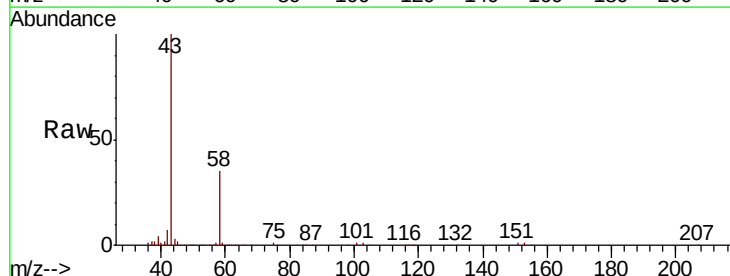
Acq: 20 Sep 2018 15:30

Tgt Ion: 43 Resp: 1040434

Ion Ratio Lower Upper

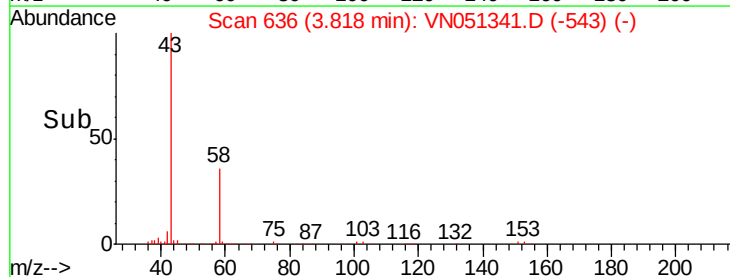
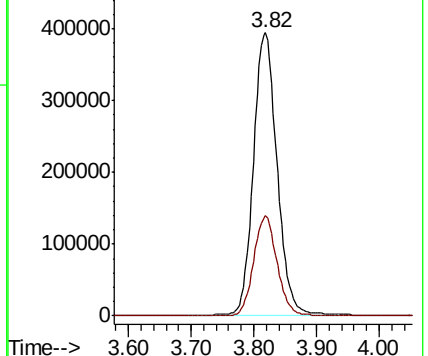
43 100

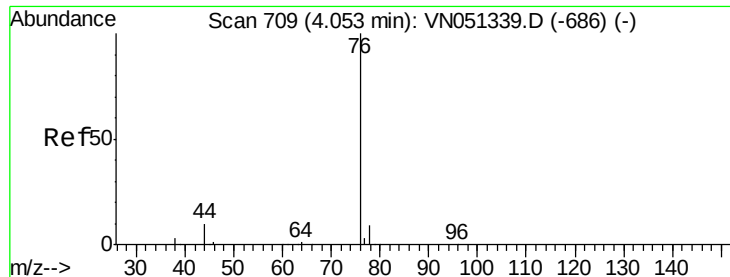
58 35.4 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN051339.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN051339.D (-617) (-)

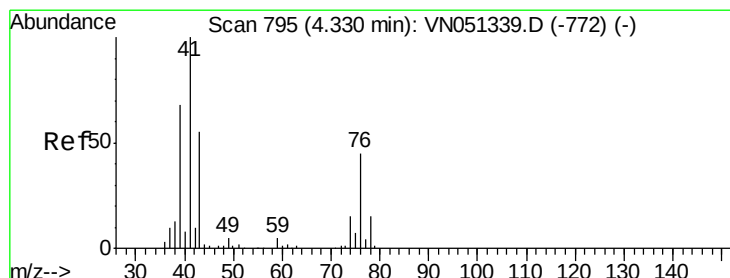
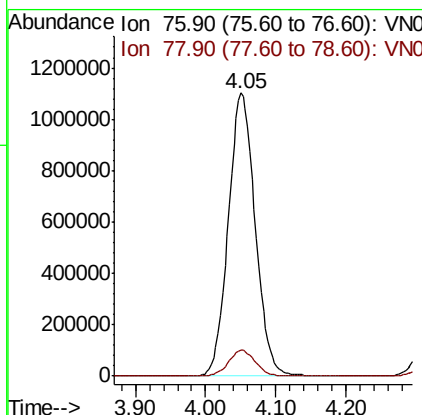
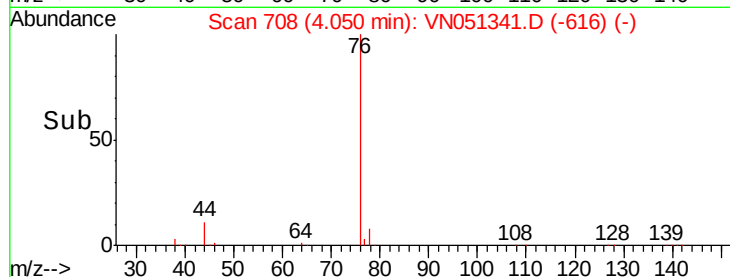
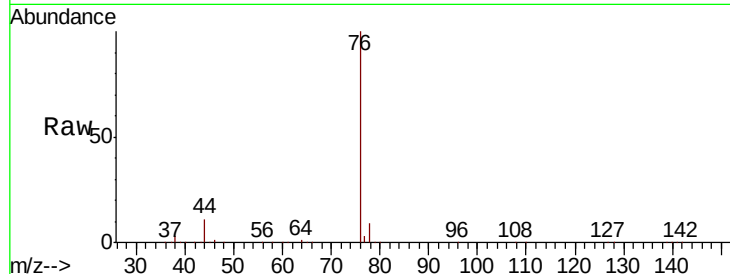




#17
Carbon Disulfide
Concen: 143.90 ug/l
RT: 4.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

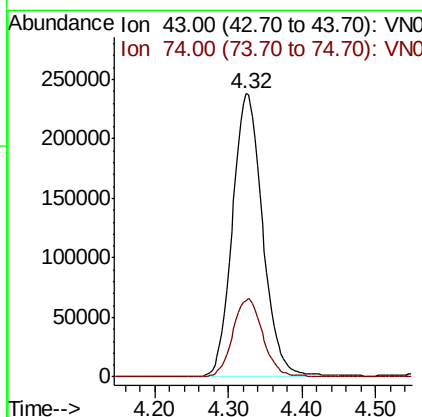
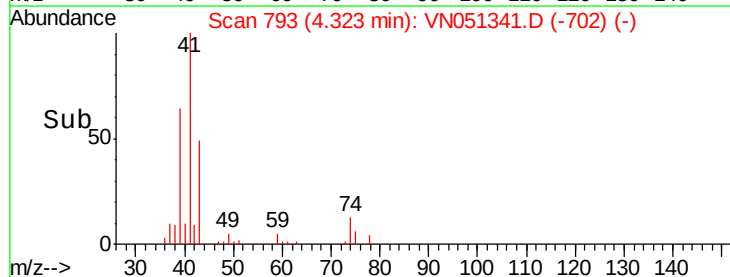
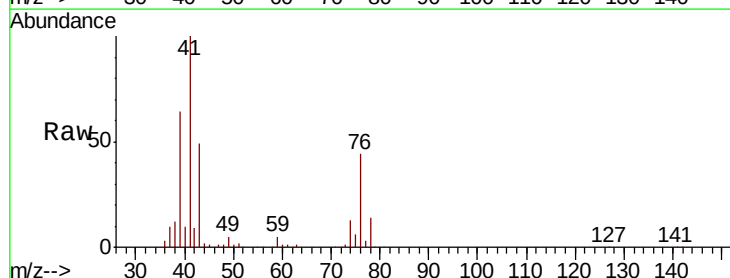
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

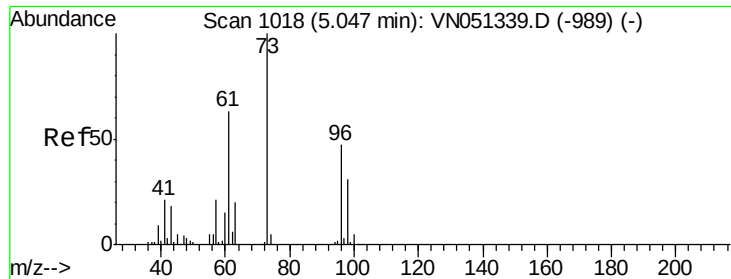
Tot Ion: 76 Resp: 2939017
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 121.91 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.01 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

Tgt Ion: 43 Resp: 675881
Ion Ratio Lower Upper
43 100
74 27.5 21.7 32.5

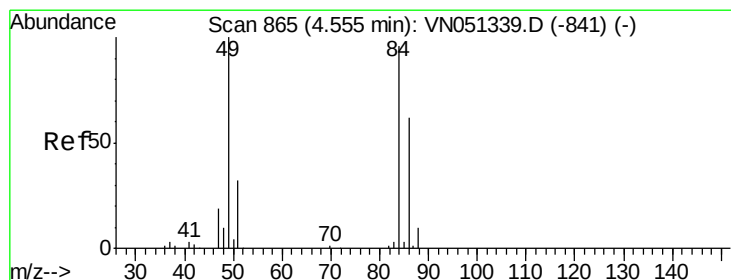
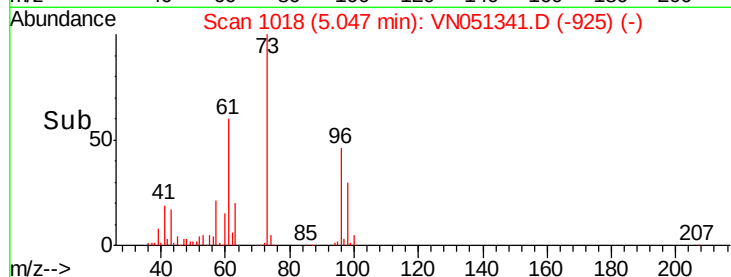
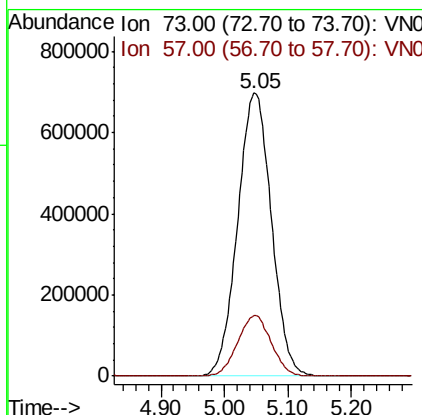
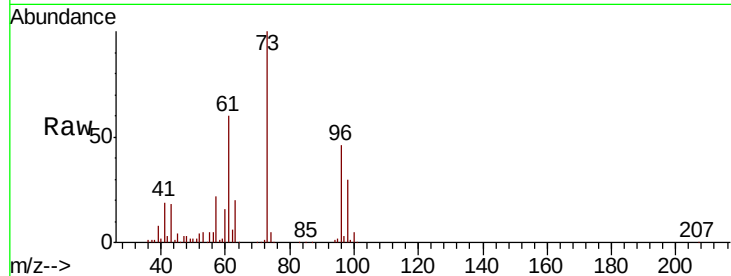




#19
Methvl tert-butvl Ether
Concen: 156.77 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

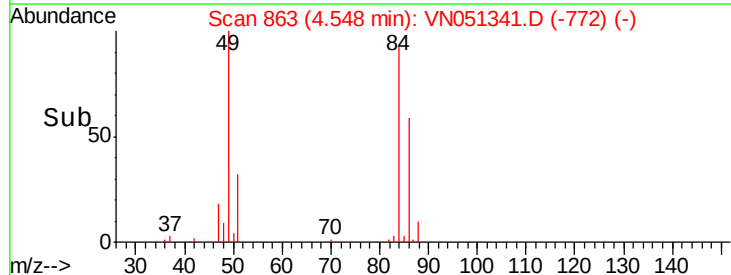
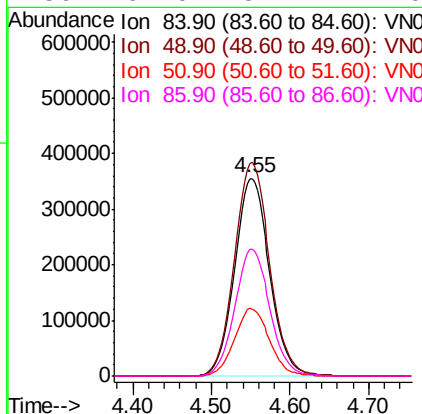
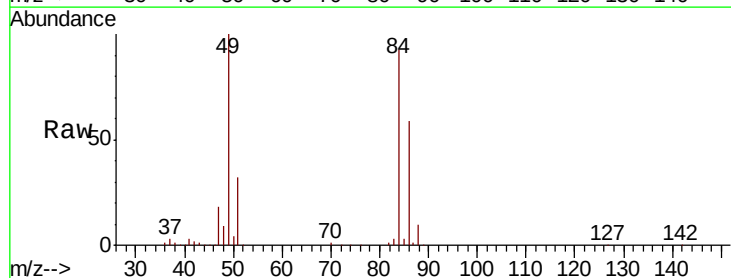
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

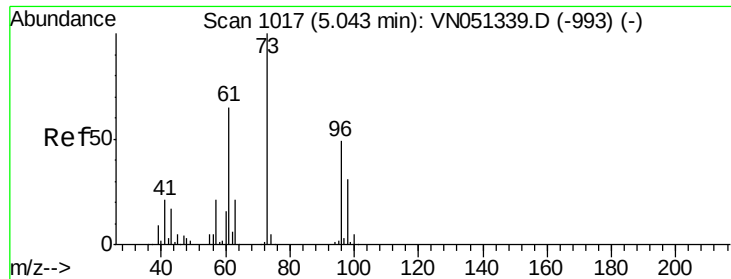
Tot Ion: 73 Resp: 2571820
Ion Ratio Lower Upper
73 100
57 21.5 16.9 25.3



#20
Methylene Chloride
Concen: 136.44 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.01 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

Tgt Ion: 84 Resp: 1101489
Ion Ratio Lower Upper
84 100
49 107.6 83.2 124.8
51 34.1 26.4 39.6
86 64.0 51.4 77.0

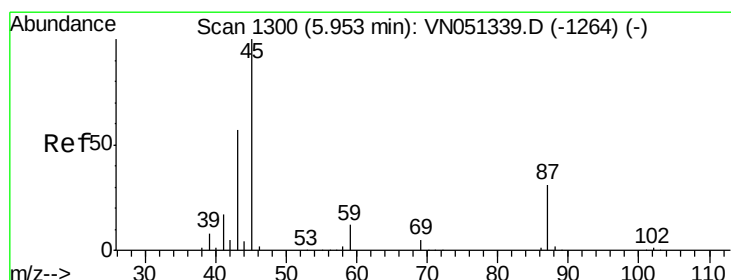
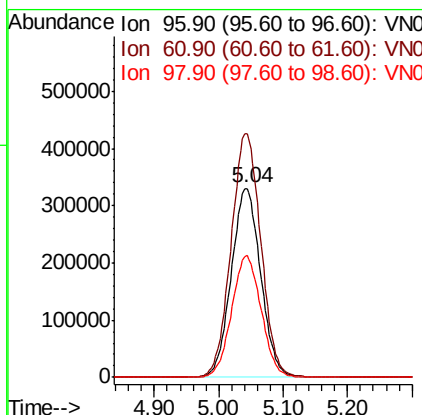
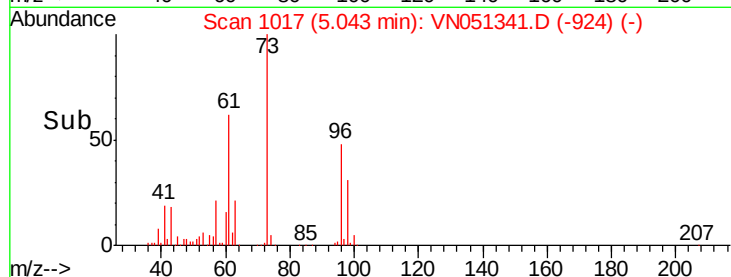
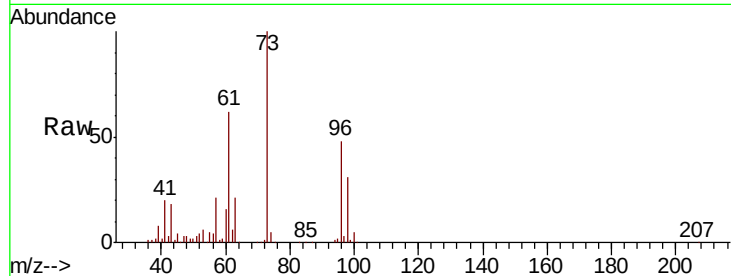




#21
trans-1,2-Dichloroethene
Concen: 146.62 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

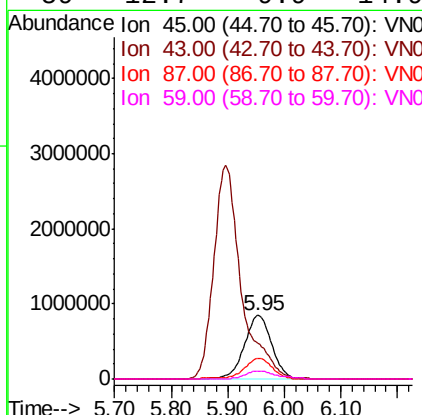
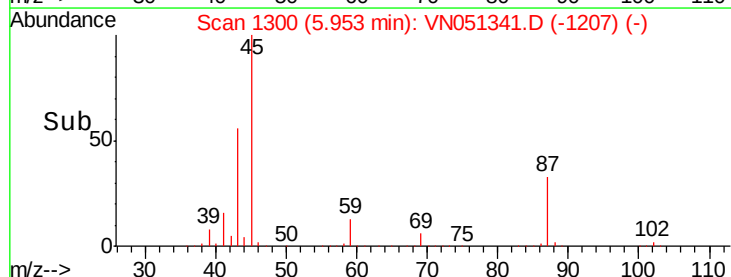
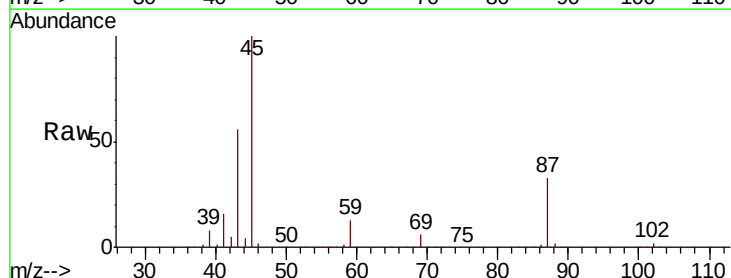
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

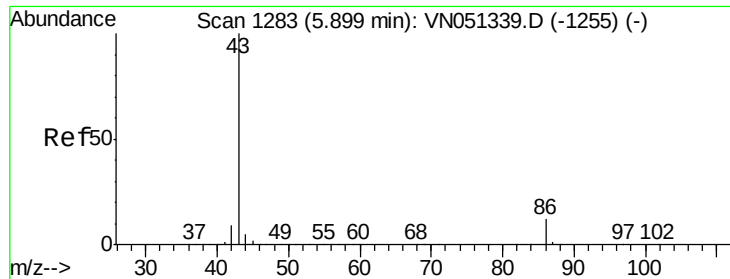
Tot Ion: 96 Resp: 1049599
Ion Ratio Lower Upper
96 100
61 128.7 106.2 159.4
98 64.4 51.0 76.6



#22
Diisopropyl ether
Concen: 150.28 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

Tgt Ion: 45 Resp: 2836051
Ion Ratio Lower Upper
45 100
43 55.4 46.1 69.1
87 32.8 25.6 38.4
59 12.7 9.9 14.9





#23

Vinyl Acetate

Concen: 788.46 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampleId :

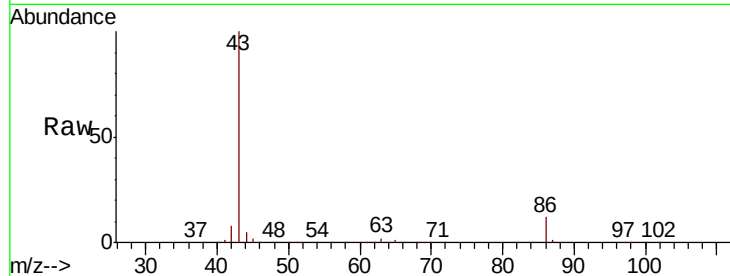
VSTDIC150

Tot Ion: 43 Resp: 9624514

Ion Ratio Lower Upper

43 100

86 12.2 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

3000000

2500000

2000000

1500000

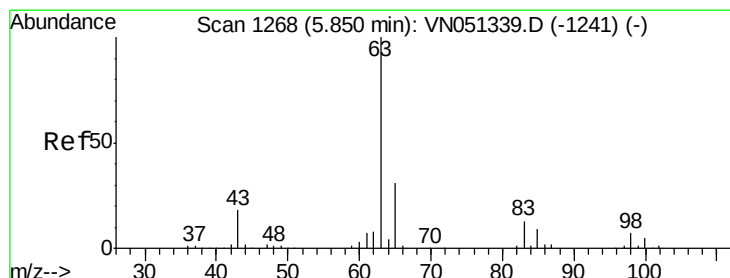
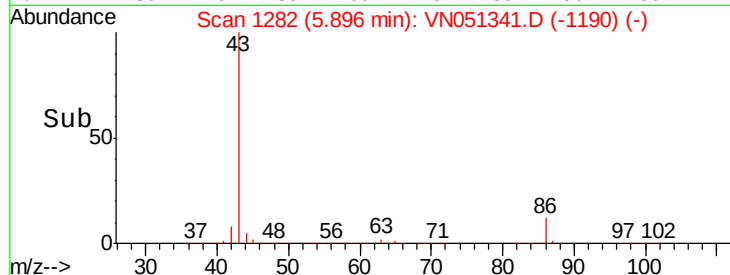
1000000

500000

0

Time-->

5.80 5.90 6.00 6.20



#24

1,1-Dichloroethane

Concen: 142.14 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

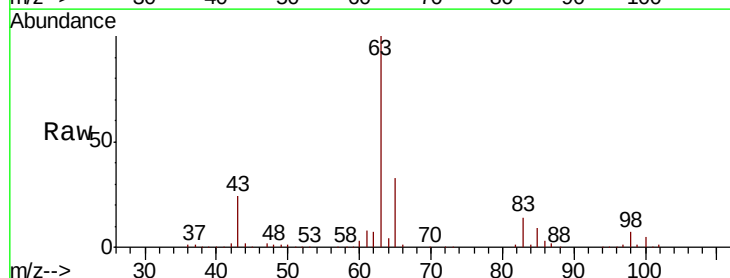
Tgt Ion: 63 Resp: 1828558

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

100 4.5 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

800000

600000

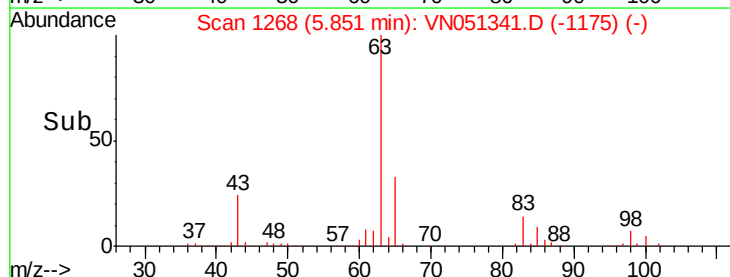
400000

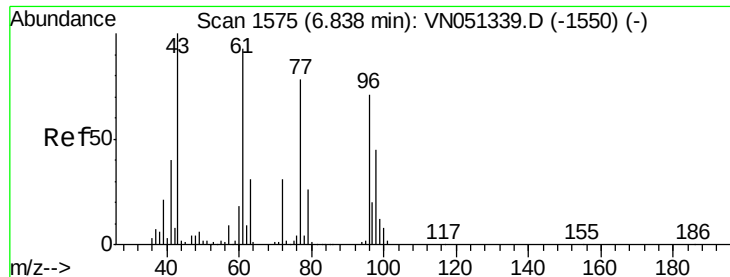
200000

0

Time-->

5.70 5.80 5.90 6.00

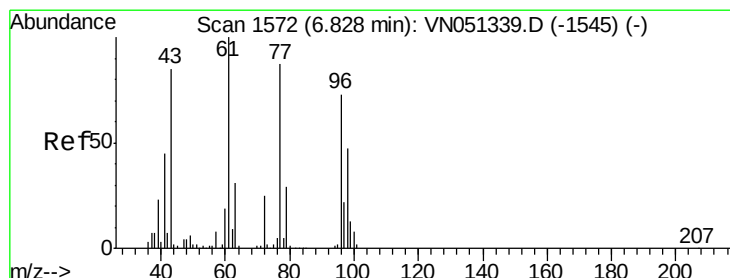
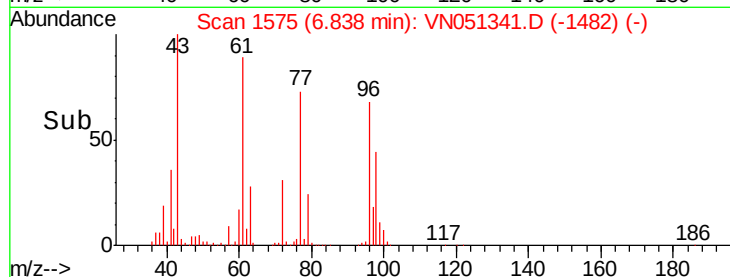
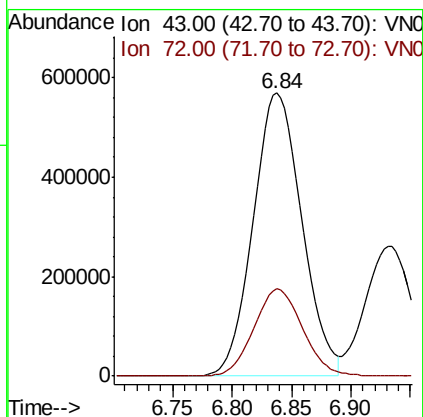
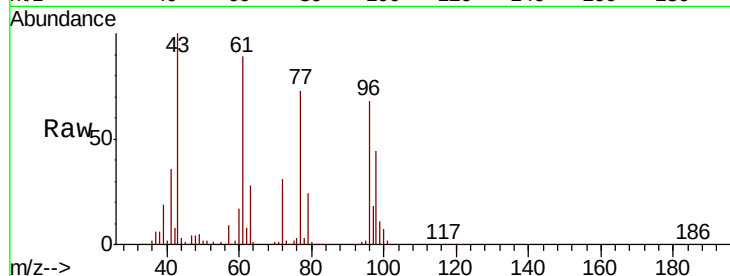




#25
 2-Butanone
 Concen: 718.27 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VN051341.D
 Acq: 20 Sep 2018 15:30

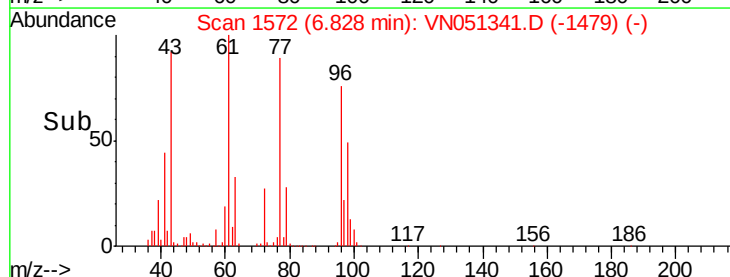
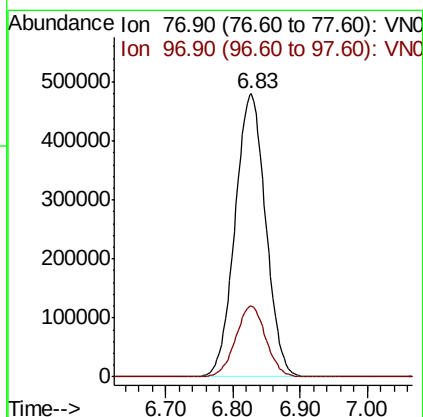
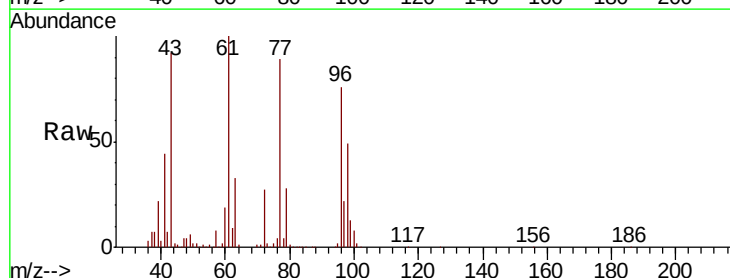
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

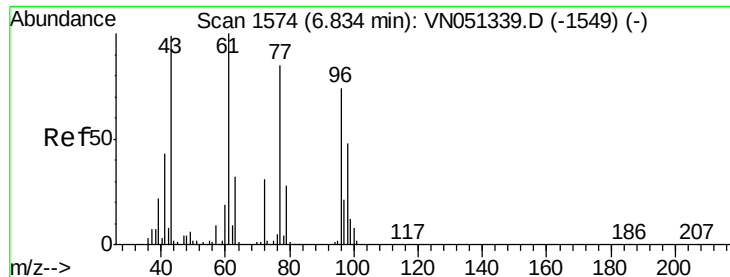
Tot Ion: 43 Resp: 1611794
 Ion Ratio Lower Upper
 43 100
 72 30.9 24.7 37.1



#26
 2,2-Dichloropropane
 Concen: 142.72 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN051341.D
 Acq: 20 Sep 2018 15:30

Tgt Ion: 77 Resp: 1517049
 Ion Ratio Lower Upper
 77 100
 97 24.7 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 151.24 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

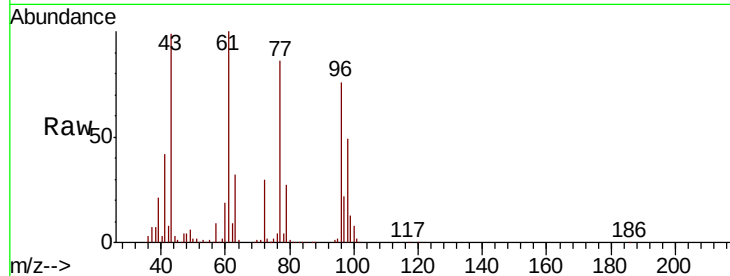
Tot Ion: 96 Resp: 1199746

Ion Ratio Lower Upper

96 100

61 133.1 0.0 271.2

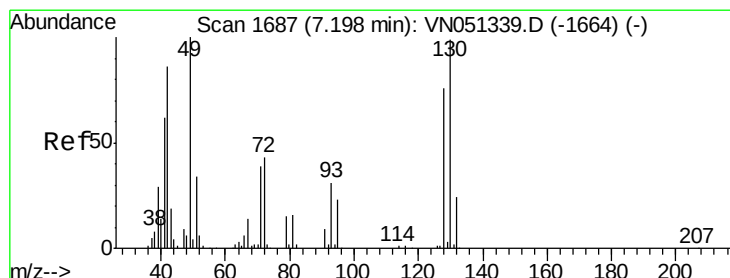
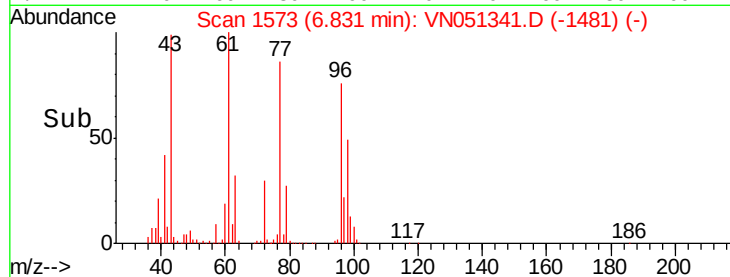
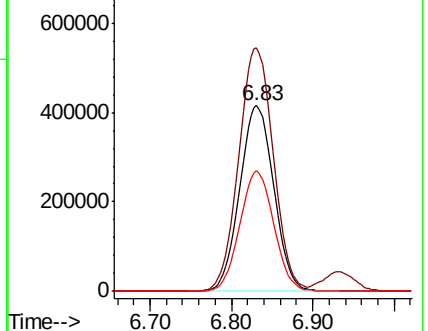
98 64.5 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN051339.D (-1549) (-)

Ion 60.90 (60.60 to 61.60): VN051339.D (-1549) (-)

Ion 97.90 (97.60 to 98.60): VN051339.D (-1549) (-)



#28

Bromochloromethane

Concen: 151.35 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

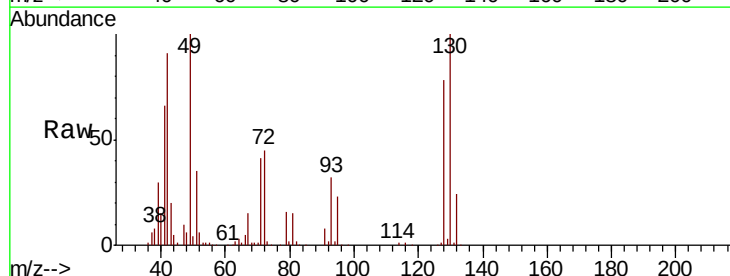
Tgt Ion: 49 Resp: 806930

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.0

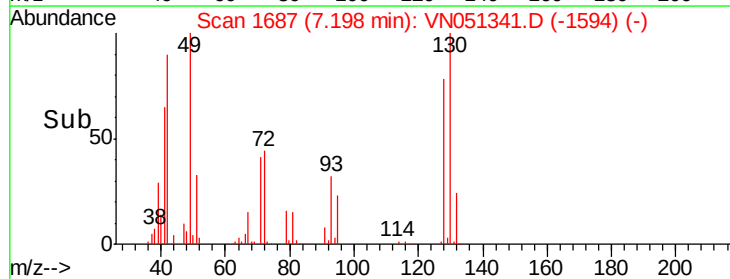
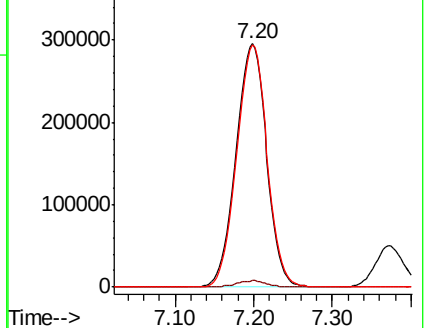
130 98.8 77.4 116.2

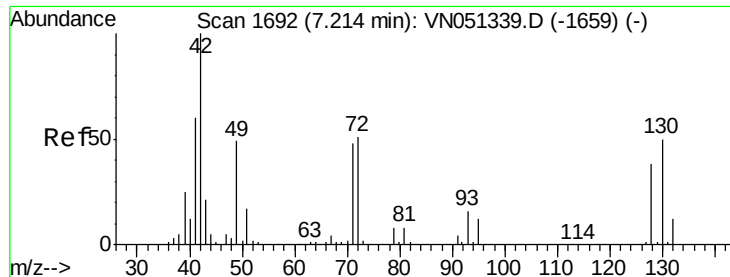


Abundance Ion 48.90 (48.60 to 49.60): VN051339.D (-1664) (-)

Ion 128.80 (128.50 to 129.50): VN051339.D (-1664) (-)

Ion 129.80 (129.50 to 130.50): VN051339.D (-1664) (-)





#29

Tetrahydrofuran

Concen: 754.11 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

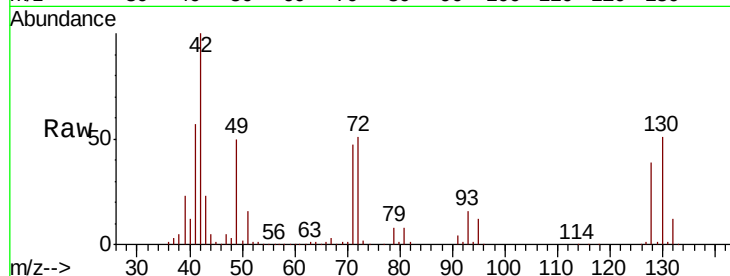
Tot Ion: 42 Resp: 1072085

Ion Ratio Lower Upper

42 100

72 49.7 39.0 58.4

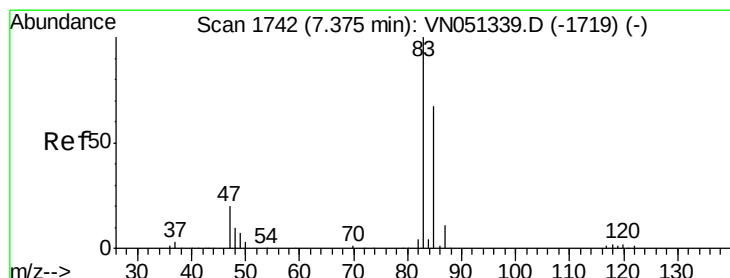
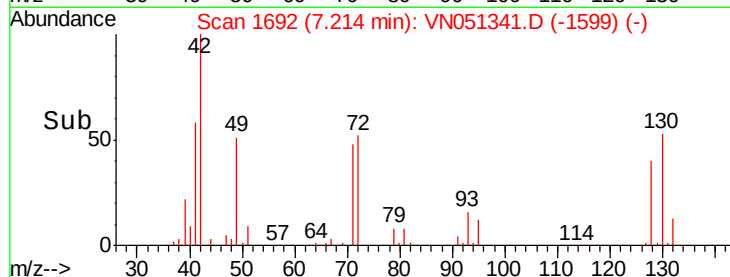
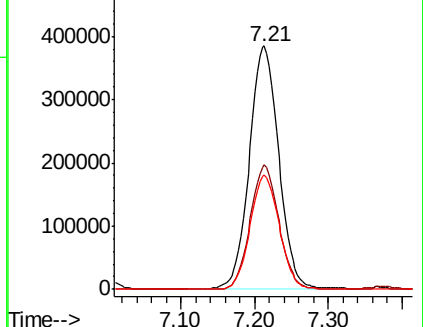
71 46.4 36.5 54.7



Abundance Ion 42.00 (41.70 to 42.70): VN051339.D (-1659) (-)

Ion 72.00 (71.70 to 72.70): VN051339.D (-1659) (-)

Ion 71.00 (70.70 to 71.70): VN051339.D (-1659) (-)



#30

Chloroform

Concen: 139.43 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN051341.D

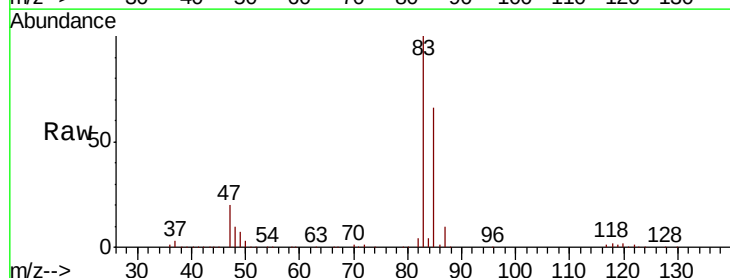
Acq: 20 Sep 2018 15:30

Tgt Ion: 83 Resp: 1885027

Ion Ratio Lower Upper

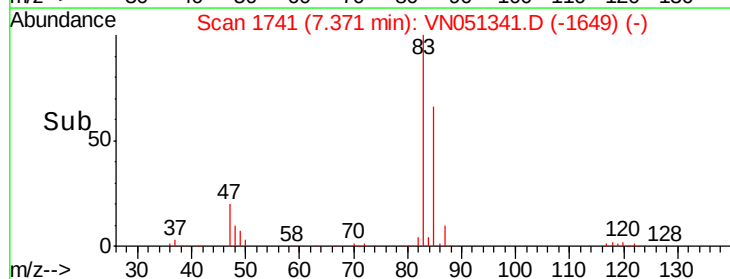
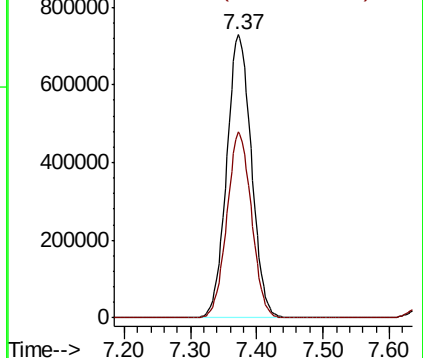
83 100

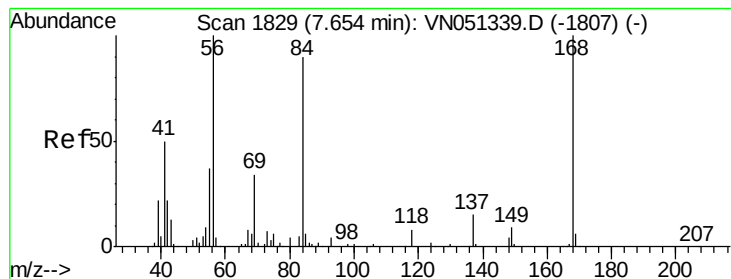
85 65.6 53.2 79.8



Abundance Ion 82.90 (82.60 to 83.60): VN051339.D (-1719) (-)

Ion 84.90 (84.60 to 85.60): VN051339.D (-1719) (-)





#31

Cyclohexane

Concen: 131.67 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

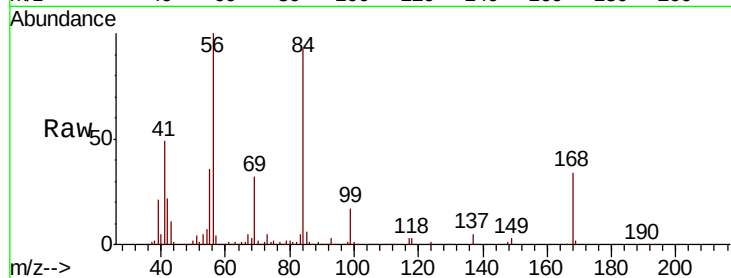
Tot Ion: 56 Resp: 1666623

Ion Ratio Lower Upper

56 100

69 32.5 27.3 40.9

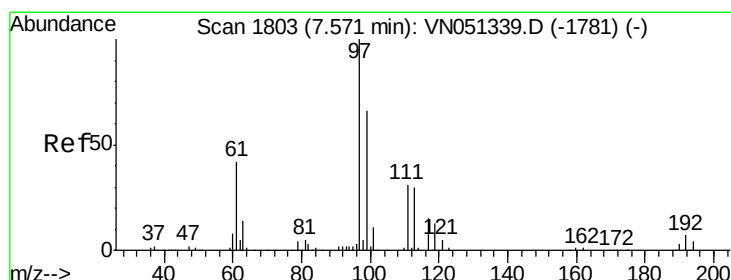
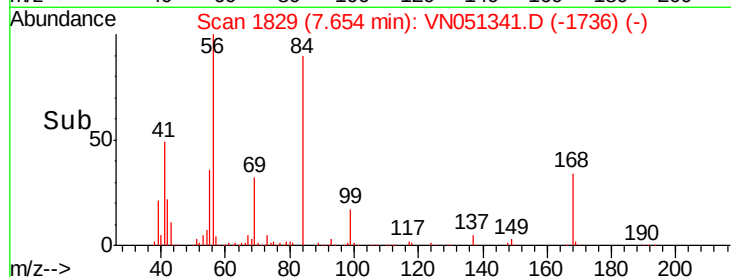
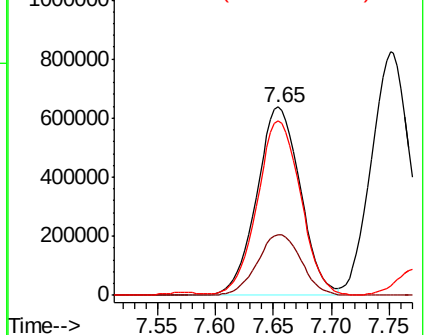
84 91.2 72.2 108.2



Abundance Ion 56.00 (55.70 to 56.70): VN051339.D (-1807) (-)

Ion 69.00 (68.70 to 69.70): VN051339.D (-1807) (-)

Ion 84.00 (83.70 to 84.70): VN051339.D (-1807) (-)



#32

1,1,1-Trichloroethane

Concen: 143.32 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

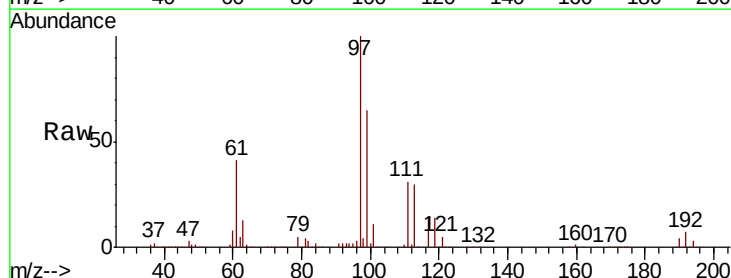
Tgt Ion: 97 Resp: 1669422

Ion Ratio Lower Upper

97 100

99 65.1 51.1 76.7

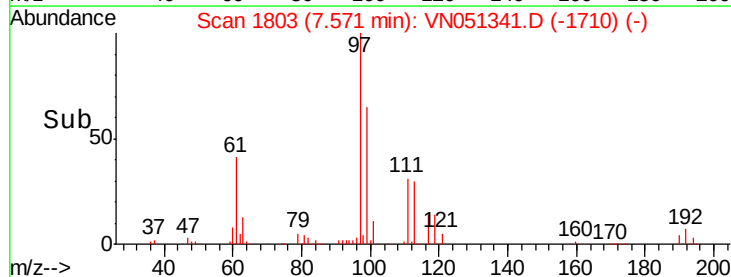
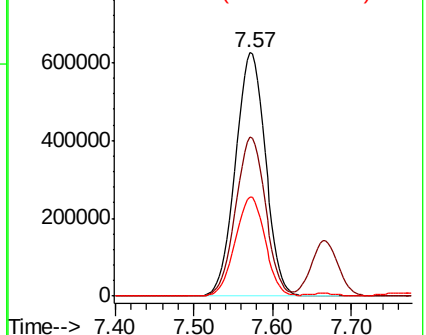
61 40.7 33.2 49.8

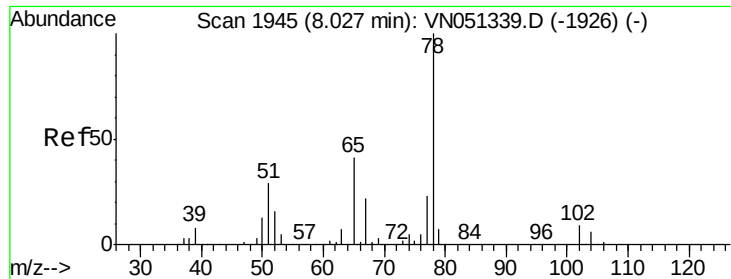


Abundance Ion 96.90 (96.60 to 97.60): VN051339.D (-1781) (-)

Ion 98.90 (98.60 to 99.60): VN051339.D (-1781) (-)

Ion 60.90 (60.60 to 61.60): VN051339.D (-1781) (-)

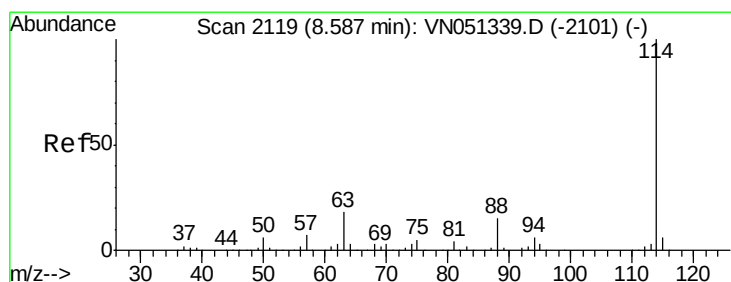
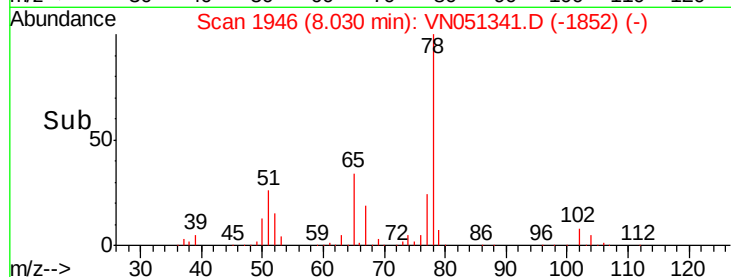
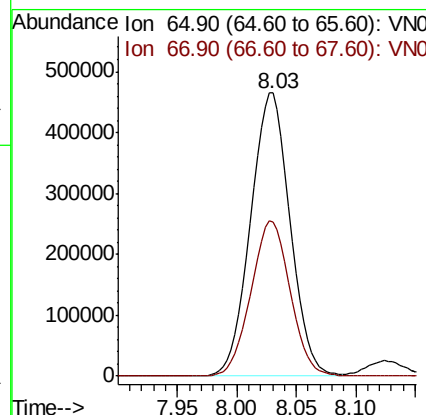
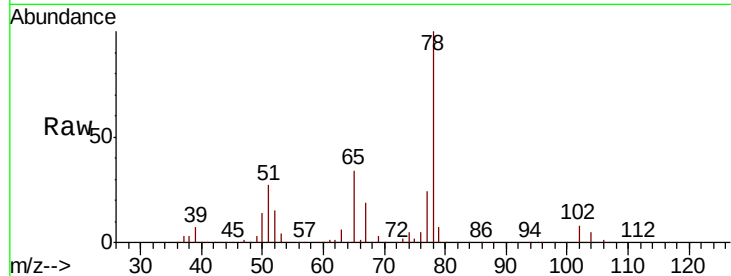




#33
 1,2-Dichloroethane-d4
 Concen: 136.03 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051341.D
 Acq: 20 Sep 2018 15:30

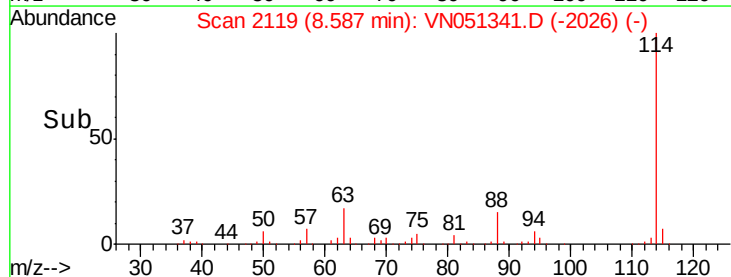
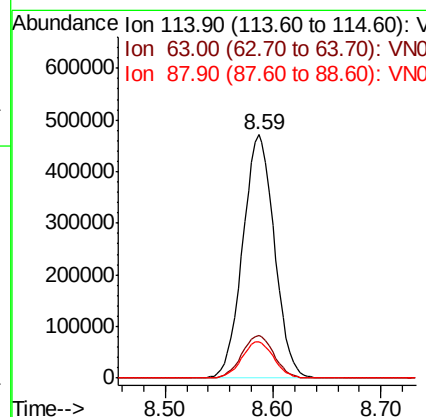
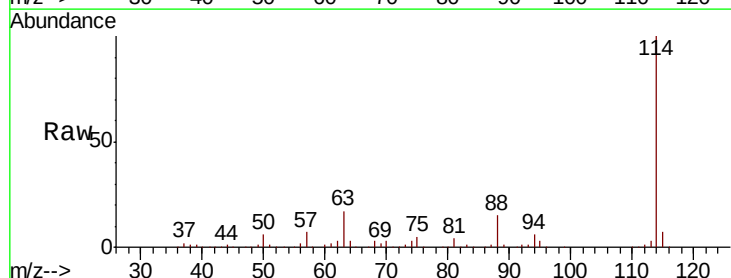
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

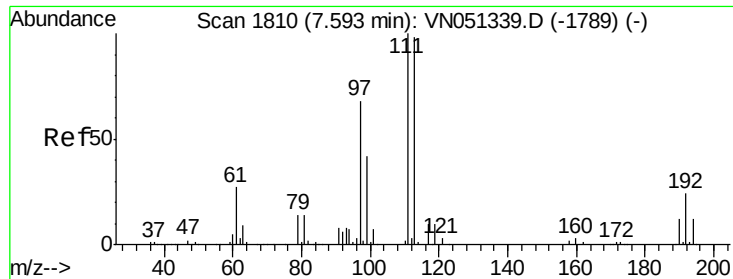
Tot Ion: 65 Resp: 1068333
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051341.D
 Acq: 20 Sep 2018 15:30

Tgt Ion: 114 Resp: 960370
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.6
 88 15.1 0.0 29.8

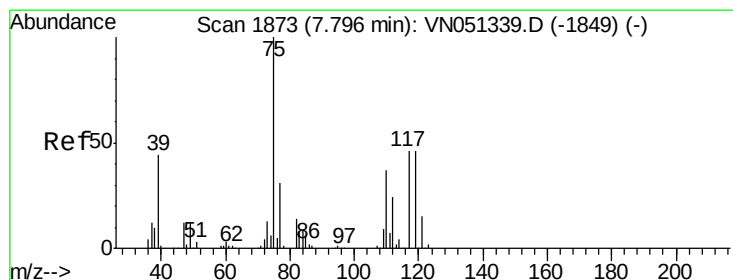
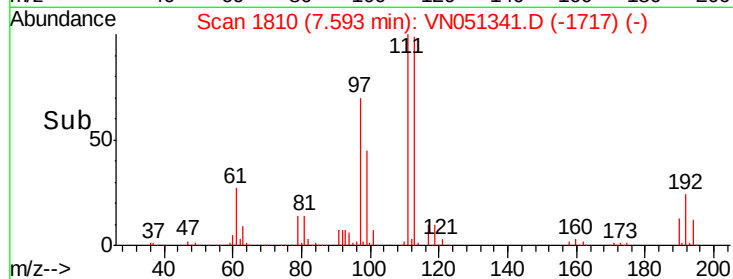
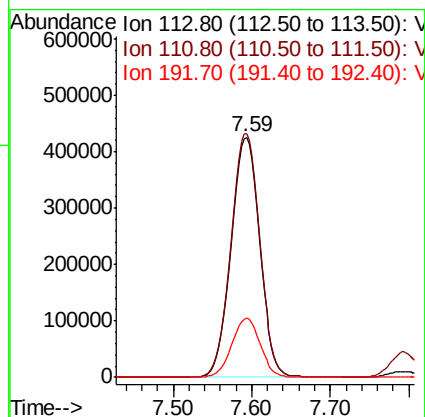
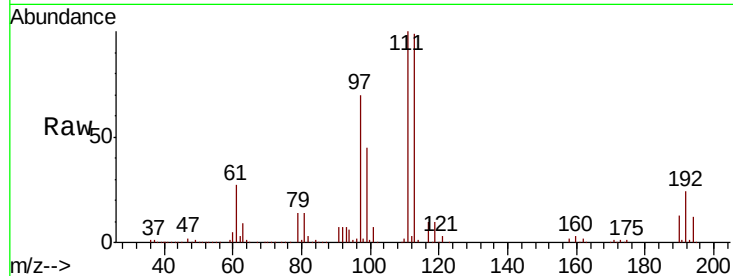




#35
 Dibromofluoromethane
 Concen: 138.97 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051341.D
 Acq: 20 Sep 2018 15:30

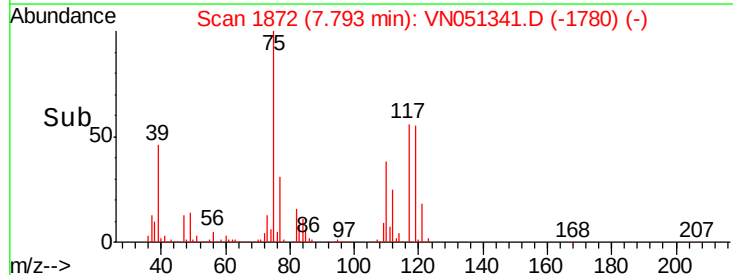
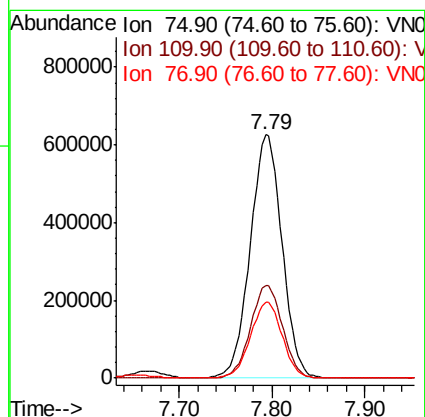
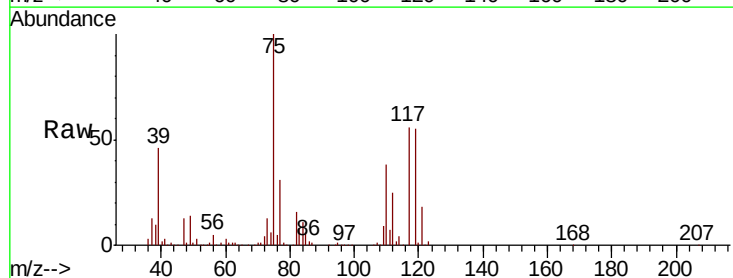
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

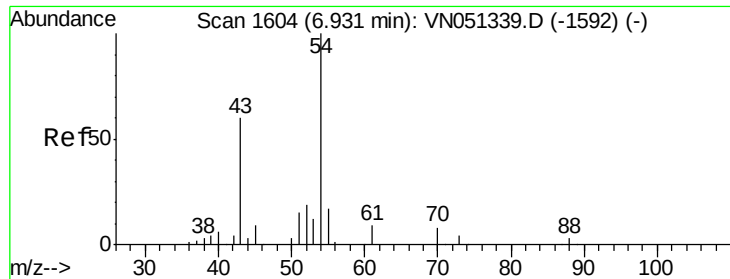
Tot Ion:113 Resp: 1078582
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.9 122.9
 192 24.4 19.8 29.6



#36
 1,1-Dichloropropene
 Concen: 151.12 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051341.D
 Acq: 20 Sep 2018 15:30

Tgt Ion: 75 Resp: 1484517
 Ion Ratio Lower Upper
 75 100
 110 38.4 18.9 56.5
 77 31.2 25.4 38.2

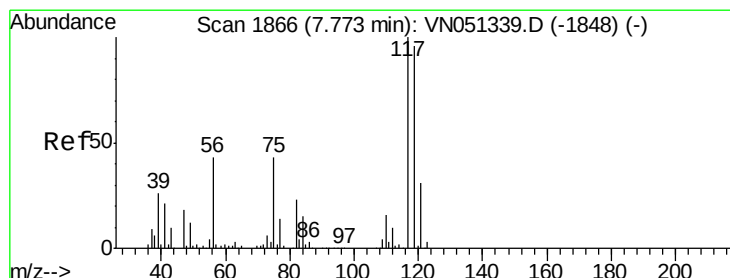
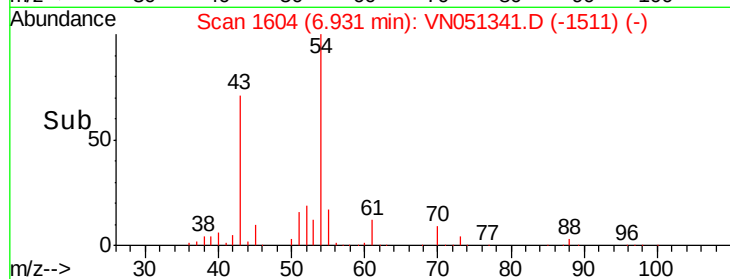
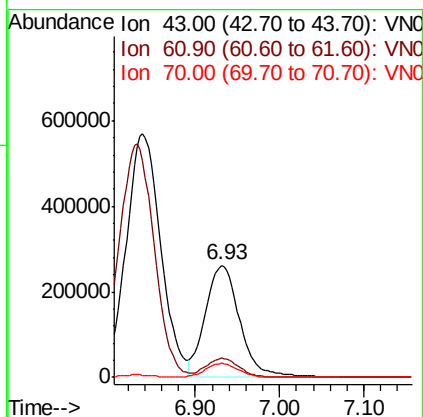
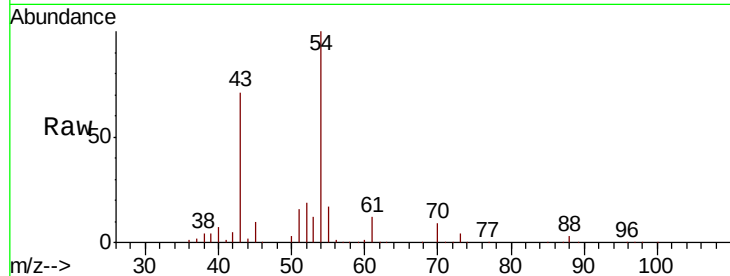




#37
Ethyl Acetate
Concen: 151.71 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

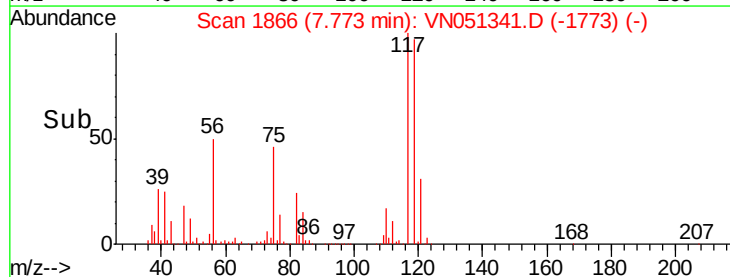
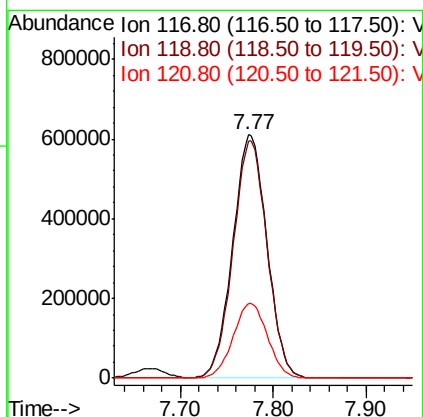
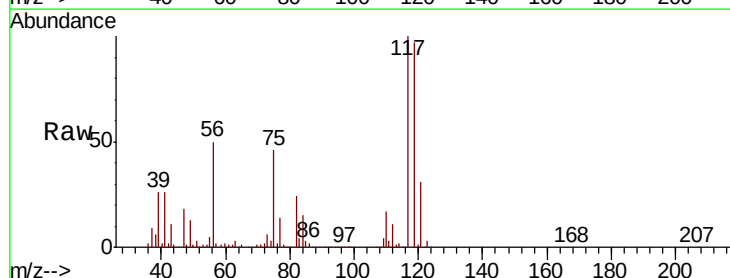
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

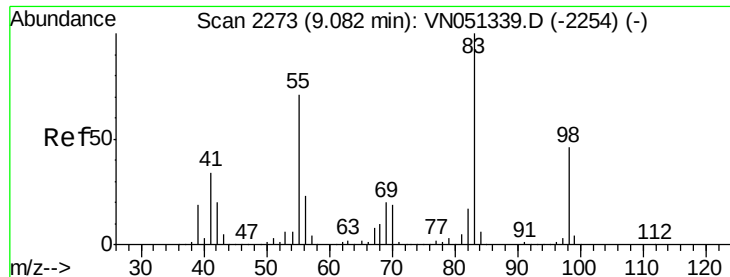
Tot Ion: 43 Resp: 737826
Ion Ratio Lower Upper
43 100
61 16.5 13.6 20.4
70 12.1 9.4 14.2



#38
Carbon Tetrachloride
Concen: 146.62 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

Tgt Ion: 117 Resp: 1558178
Ion Ratio Lower Upper
117 100
119 97.3 77.0 115.4
121 30.8 25.0 37.4

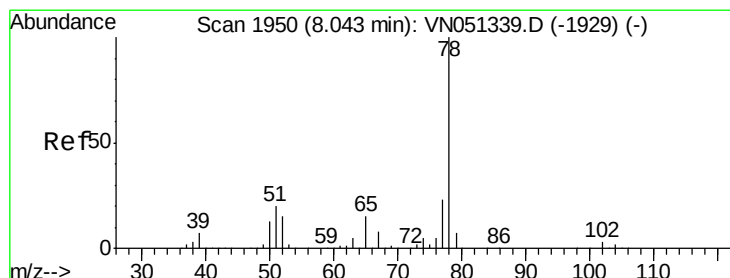
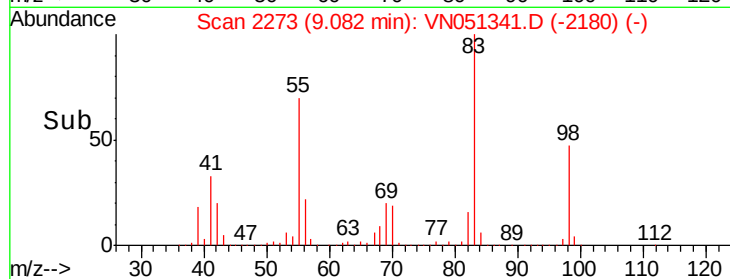
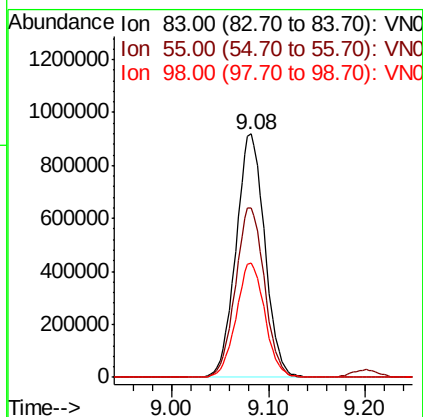
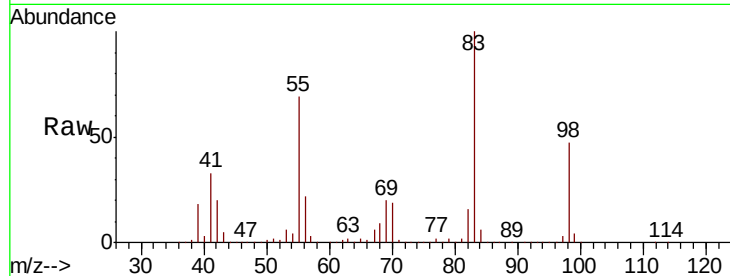




#39
Methylvlcyclohexane
Concen: 165.52 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

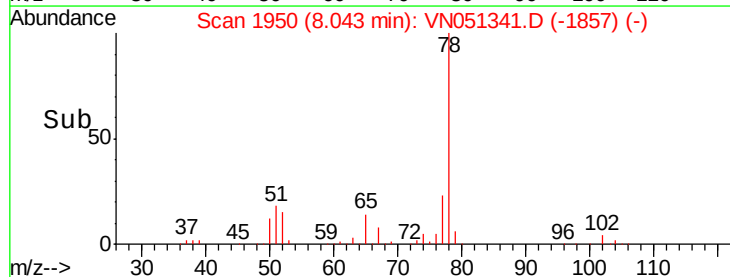
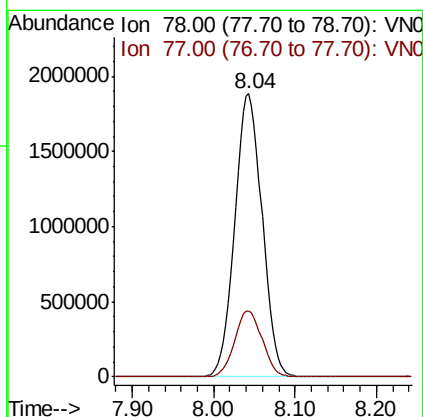
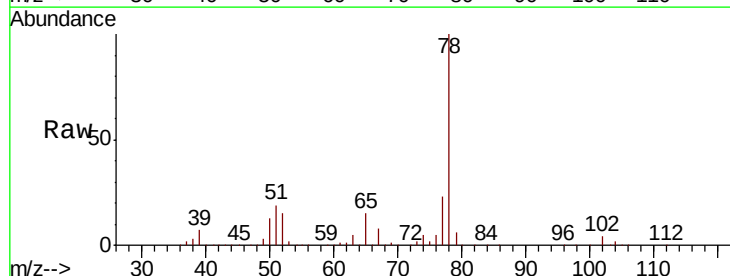
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

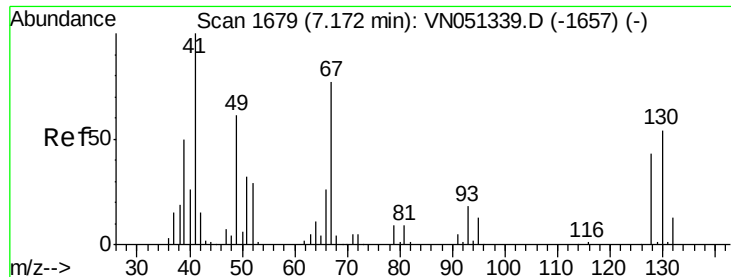
Tot Ion: 83 Resp: 1897660
Ion Ratio Lower Upper
83 100
55 69.5 56.5 84.7
98 46.9 36.7 55.1



#40
Benzene
Concen: 148.11 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

Tgt Ion: 78 Resp: 4384050
Ion Ratio Lower Upper
78 100
77 23.4 18.5 27.7

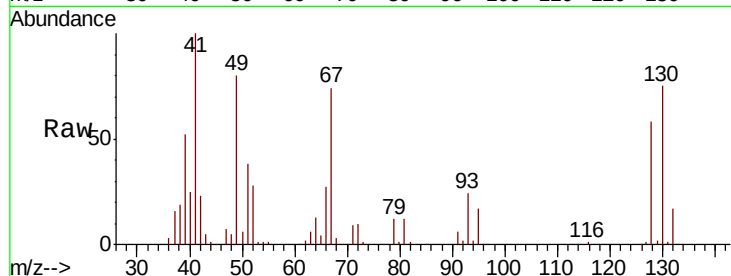




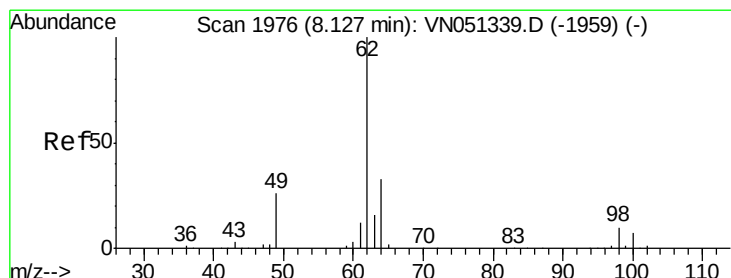
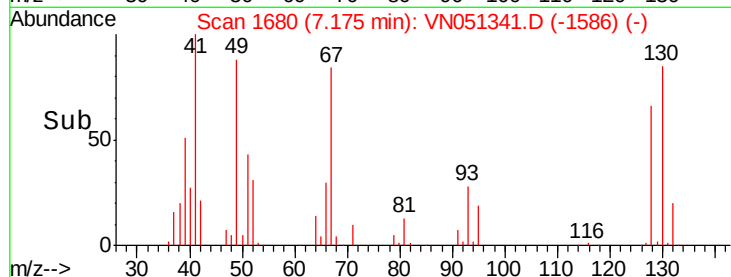
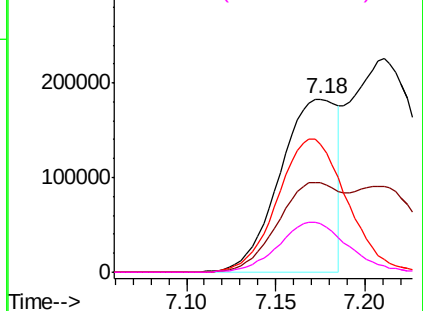
#41
Methacrylonitrile
Concen: 160.16 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 41 Resp: 405782
Ion Ratio Lower Upper
41 100
39 56.4 51.3 76.9
67 94.3 77.0 115.4
52 35.1 30.4 45.6

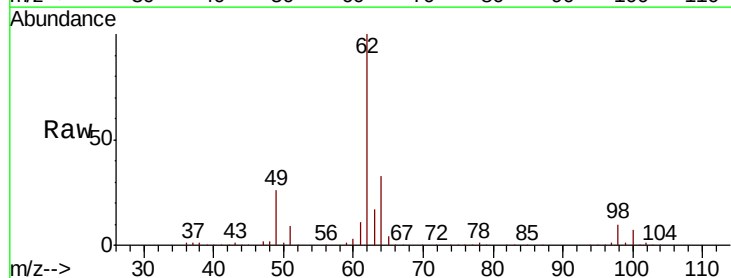


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

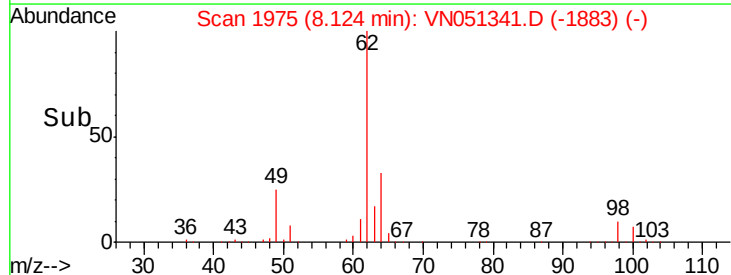
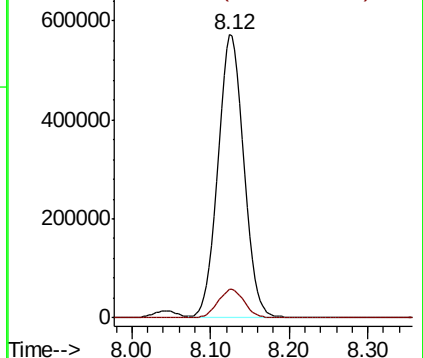


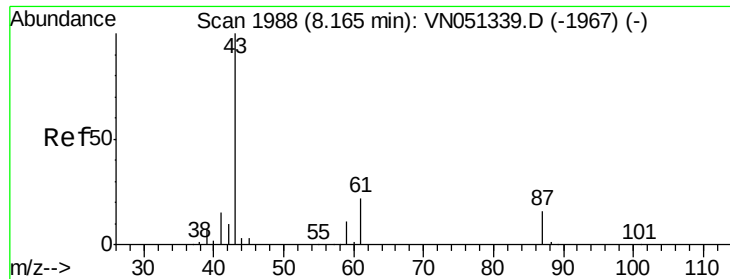
#42
1,2-Dichloroethane
Concen: 144.72 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

Tgt Ion: 62 Resp: 1293984
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.6



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





#43

Isopropyl Acetate

Concen: 159.06 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

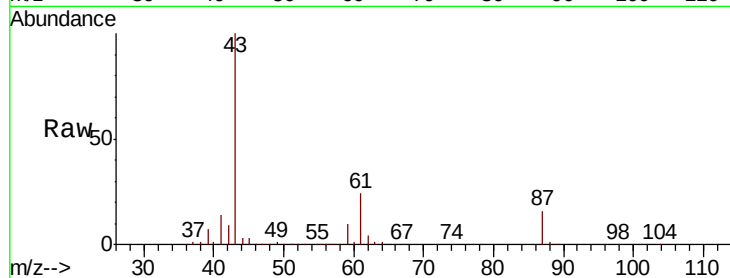
MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1354693

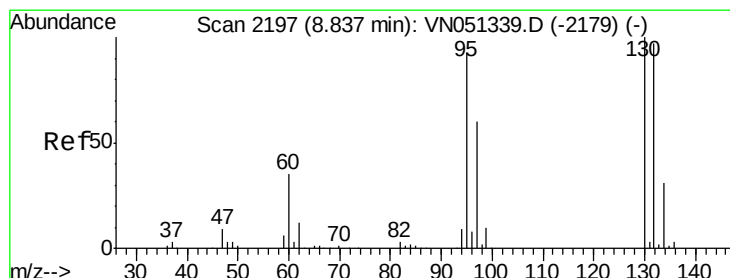
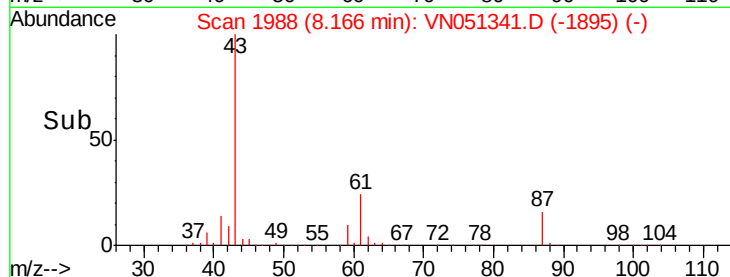
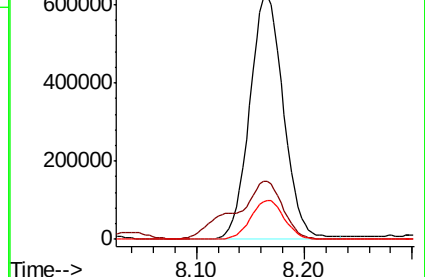
Ion	Ratio	Lower	Upper
43	100		
61	33.3	18.1	27.1#
87	15.9	12.8	19.2



Abundance Ion 43.00 (42.70 to 43.70): VN051339.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN051339.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN051339.D (-1967) (-)



#44

Trichloroethene

Concen: 149.89 ug/l

RT: 8.84 min Scan# 2197

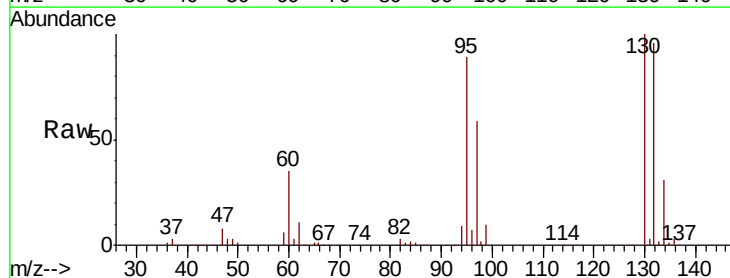
Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

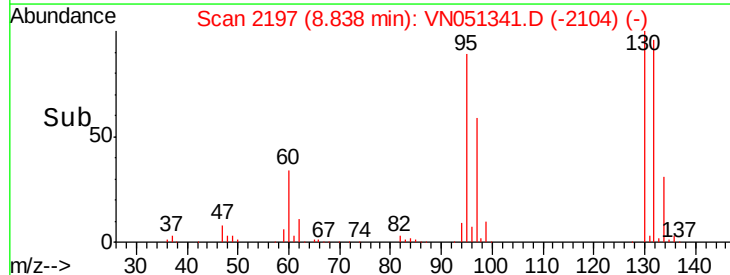
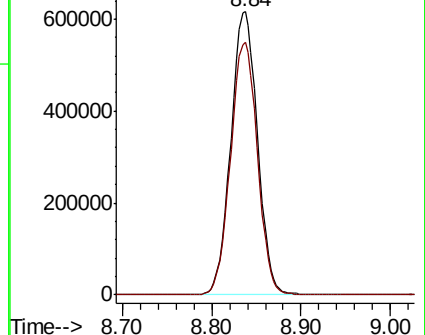
Tgt Ion:130 Resp: 1273607

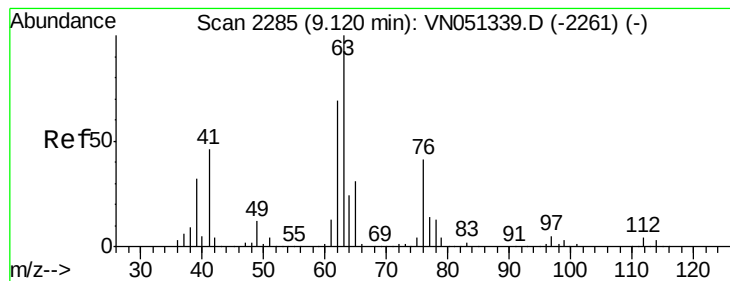
Ion	Ratio	Lower	Upper
130	100		
95	89.1	0.0	185.6



Abundance Ion 129.80 (129.50 to 130.50): VN051339.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN051339.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 147.16 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampleId :

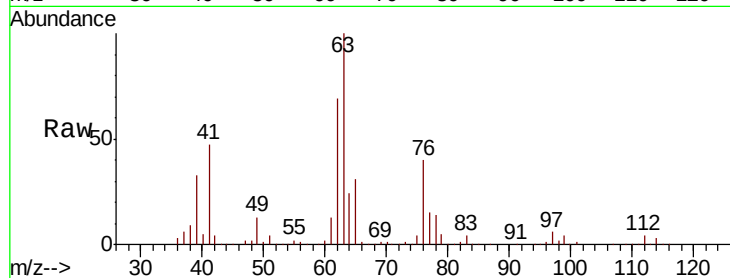
VSTDIC150

Tot Ion: 63 Resp: 1114622

Ion Ratio Lower Upper

63 100

65 31.4 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.12

600000

500000

400000

300000

200000

100000

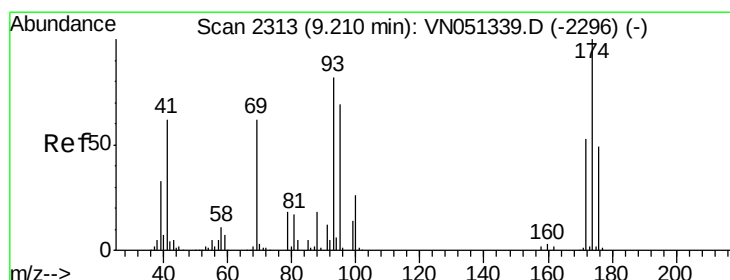
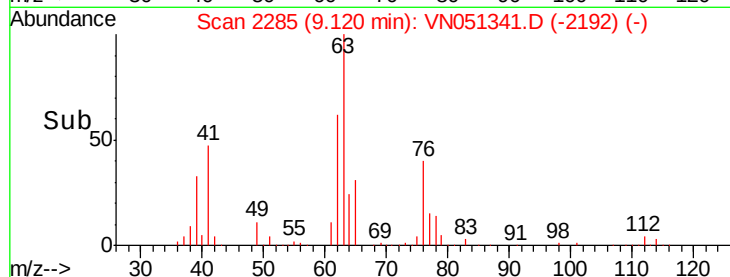
0

Time-->

9.00

9.10

9.20



#46

Dibromomethane

Concen: 146.05 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

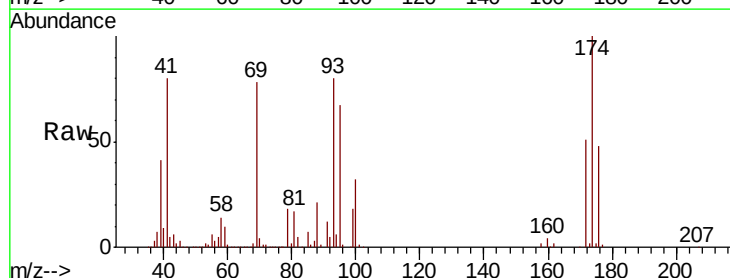
Tgt Ion: 93 Resp: 681932

Ion Ratio Lower Upper

93 100

95 83.6 67.6 101.4

174 125.0 98.9 148.3



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

500000

400000

300000

200000

100000

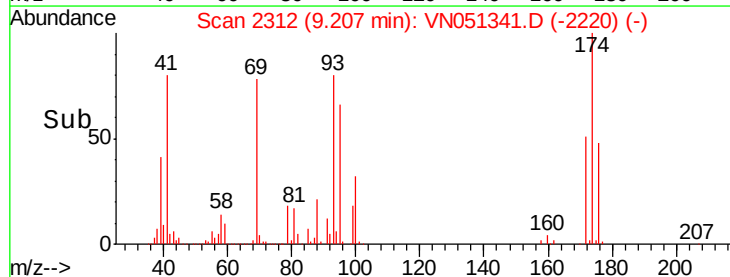
0

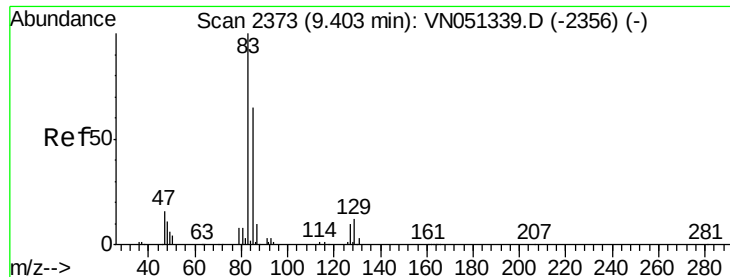
Time-->

9.10

9.20

9.30





#47

Bromodichloromethane

Concen: 148.07 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

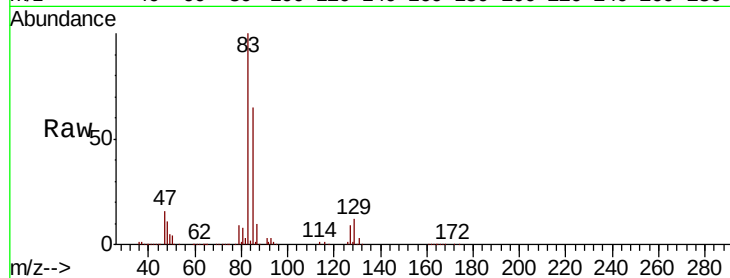
Tot Ion: 83 Resp: 1474688

Ion Ratio Lower Upper

83 100

85 65.1 51.6 77.4

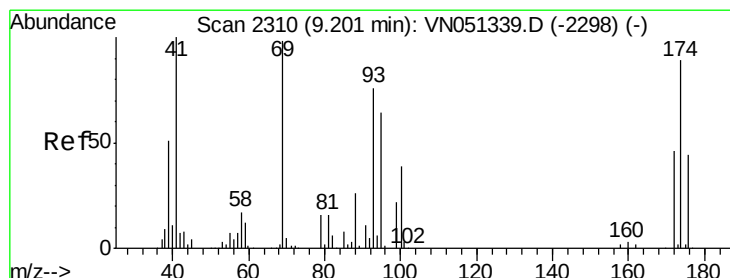
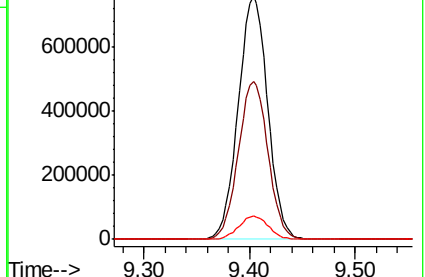
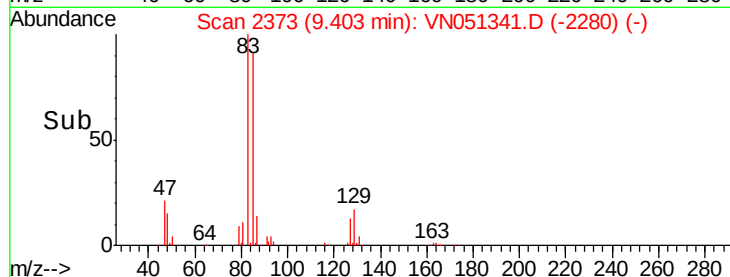
127 9.4 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VN051341.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN051341.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN051341.D (-2280) (-)



#48

Methyl methacrylate

Concen: 160.21 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

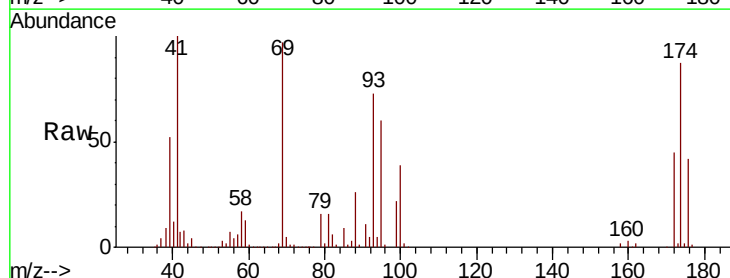
Tgt Ion: 41 Resp: 695621

Ion Ratio Lower Upper

41 100

69 100.9 79.4 119.0

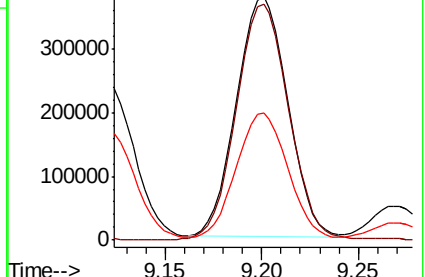
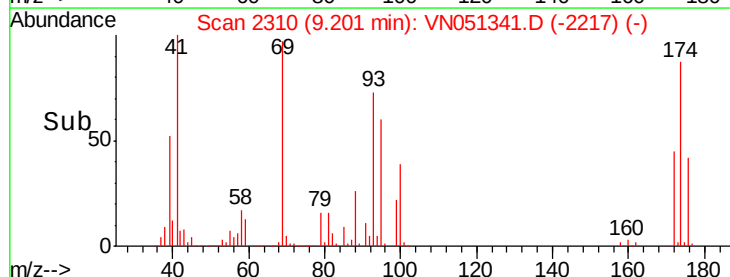
39 54.0 43.0 64.6

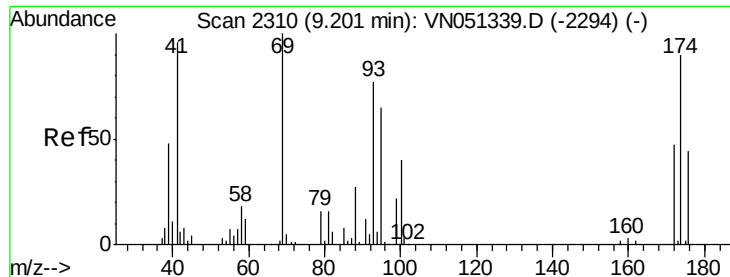


Abundance Ion 41.00 (40.70 to 41.70): VN051341.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN051341.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN051341.D (-2217) (-)





#49

1,4-Dioxane

Concen: 3193.60 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

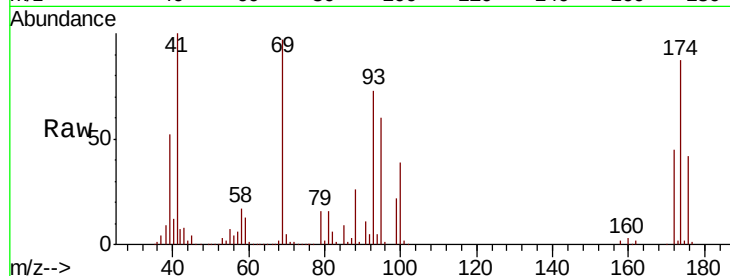
Tot Ion: 88 Resp: 205068

Ion Ratio Lower Upper

88 100

43 28.4 23.5 35.3

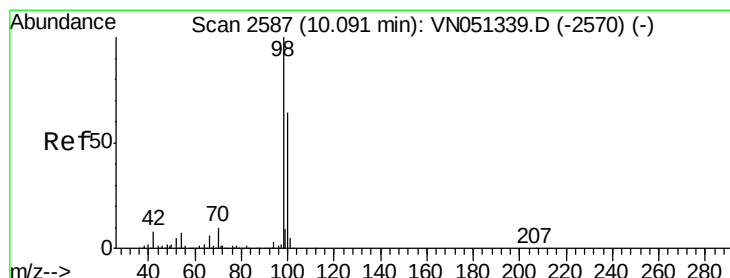
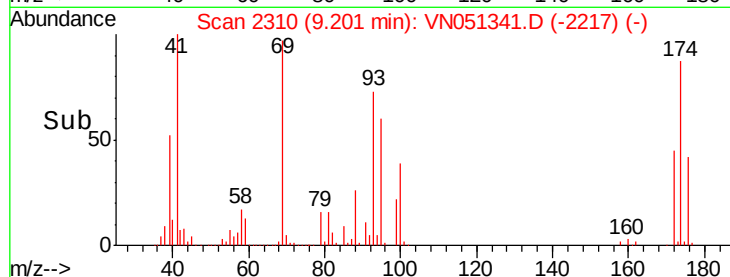
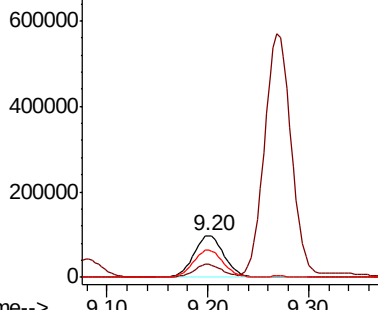
58 64.0 52.1 78.1



Abundance Ion 88.00 (87.70 to 88.70): VN051339.D (-2294) (-)

Ion 43.00 (42.70 to 43.70): VN051339.D (-2294) (-)

Ion 58.00 (57.70 to 58.70): VN051339.D (-2294) (-)



#50

Toluene-d8

Concen: 140.50 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051341.D

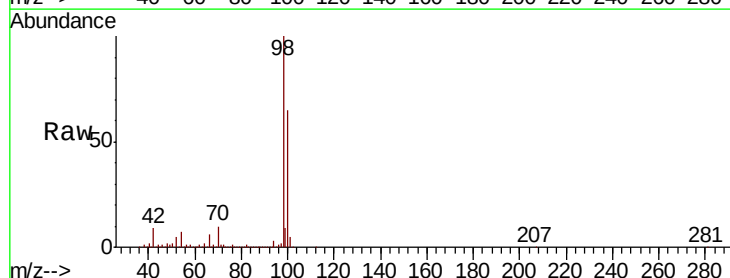
Acq: 20 Sep 2018 15:30

Tgt Ion: 98 Resp: 4191960

Ion Ratio Lower Upper

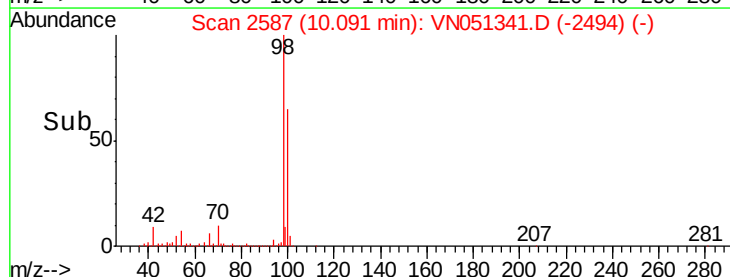
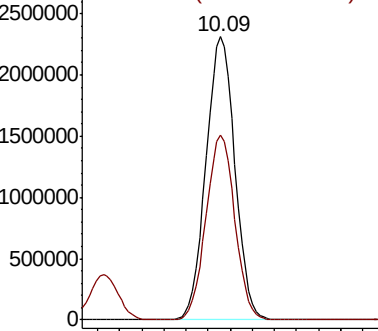
98 100

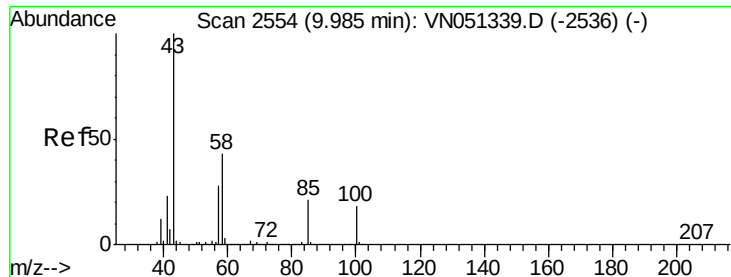
100 65.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN051339.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051339.D (-2570) (-)

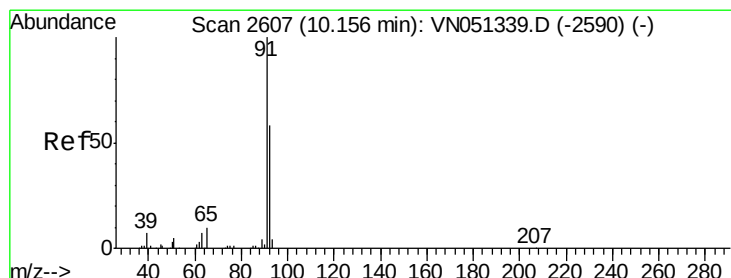
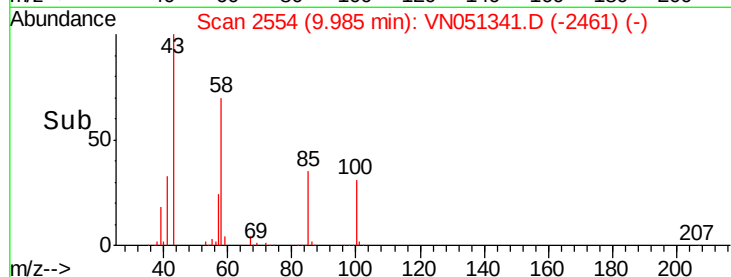
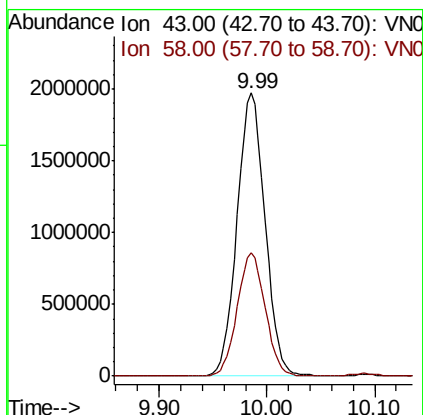
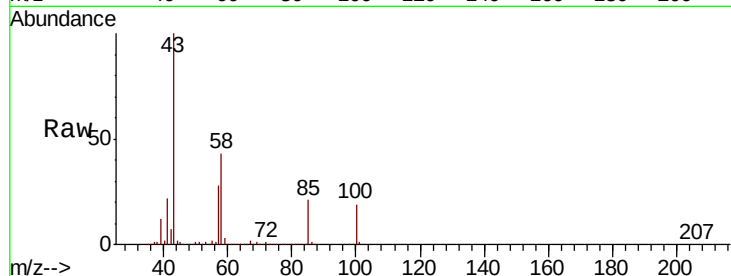




#51
4-Methyl-2-Pentanone
Concen: 779.19 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

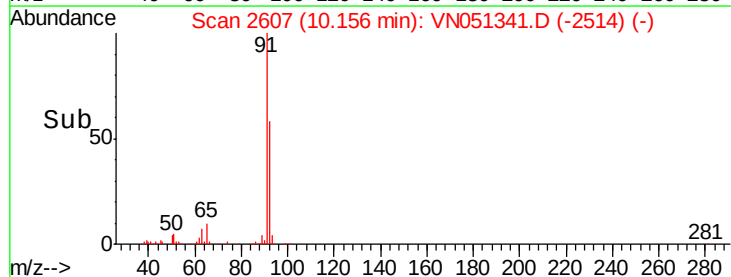
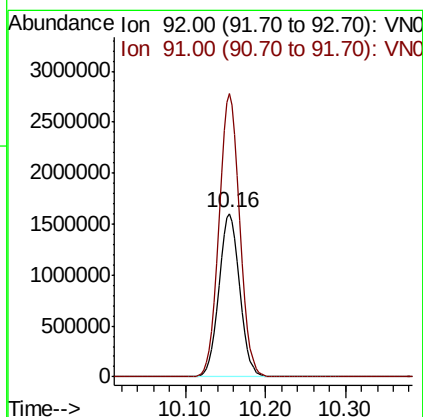
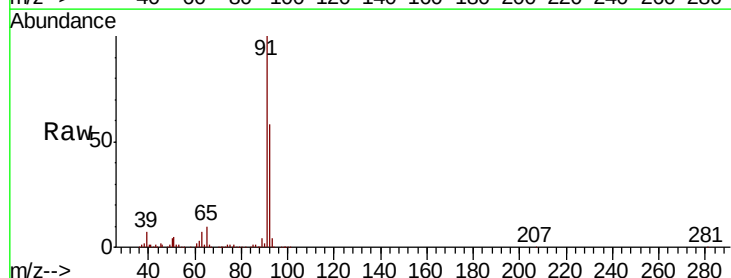
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

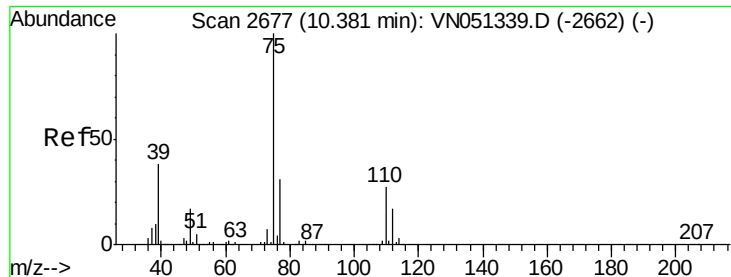
Tot Ion: 43 Resp: 3569772
Ion Ratio Lower Upper
43 100
58 43.4 34.2 51.4



#52
Toluene
Concen: 157.70 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

Tgt Ion: 92 Resp: 2874156
Ion Ratio Lower Upper
92 100
91 173.4 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 165.69 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampleId :

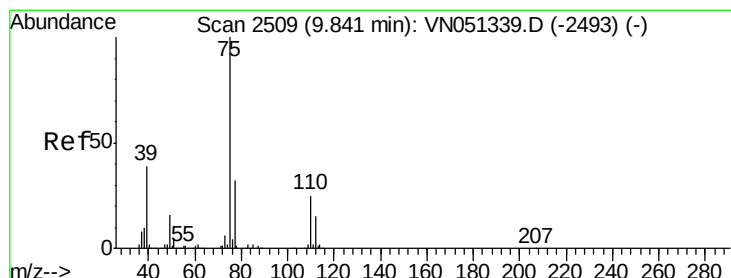
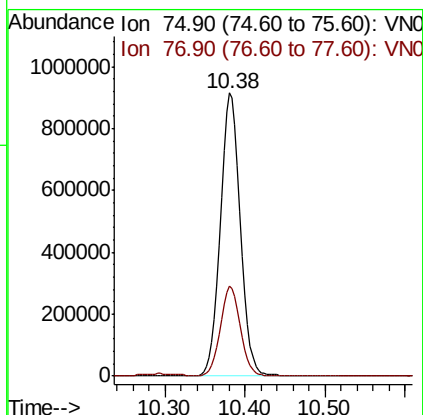
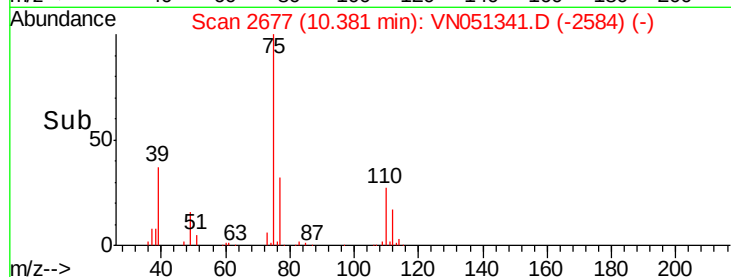
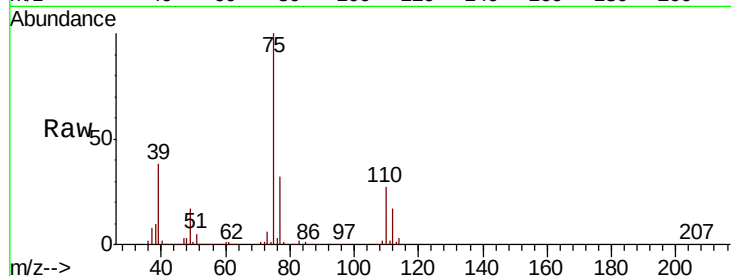
VSTDIC150

Tot Ion: 75 Resp: 1584372

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 161.73 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

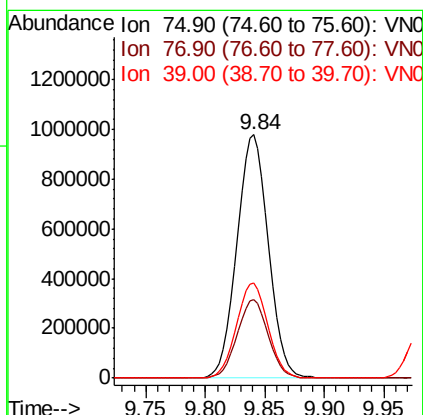
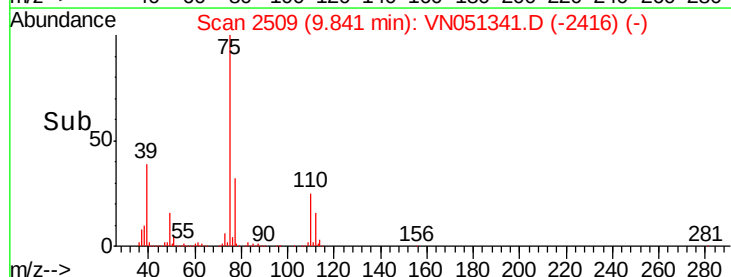
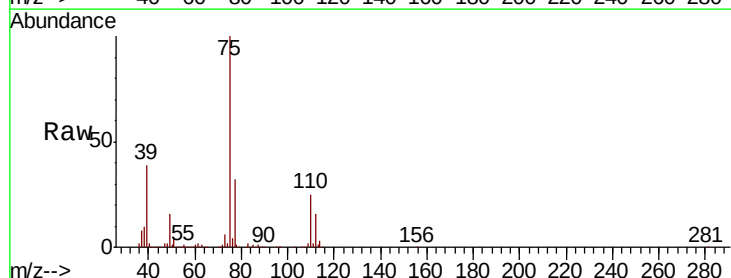
Tgt Ion: 75 Resp: 1790672

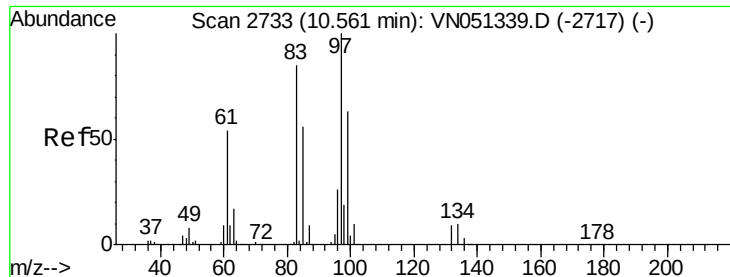
Ion Ratio Lower Upper

75 100

77 32.3 25.2 37.8

39 39.0 31.0 46.4





#55

1,1,2-Trichloroethane

Concen: 143.44 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 97 Resp: 980588

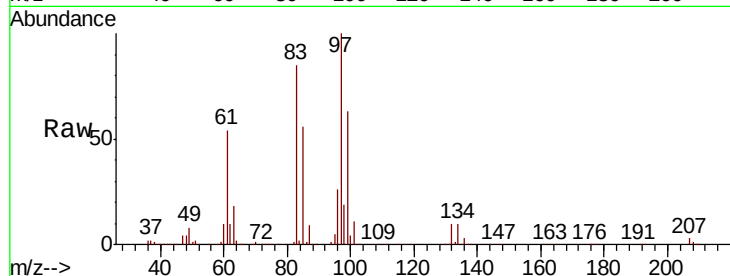
Ion Ratio Lower Upper

97 100

83 84.8 68.1 102.1

85 56.2 44.6 66.8

99 63.4 50.2 75.4

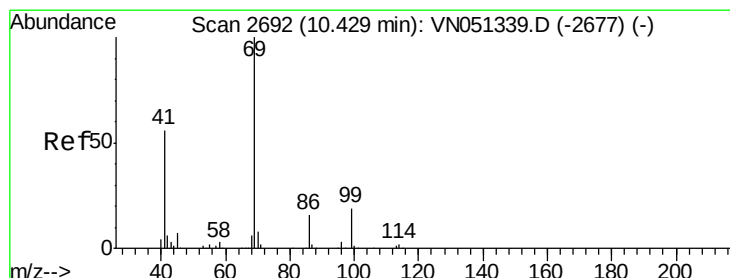
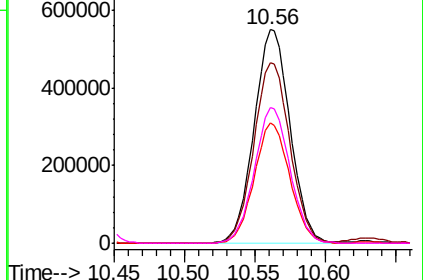
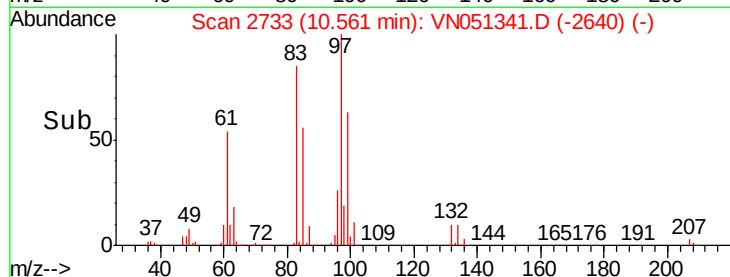


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 173.93 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

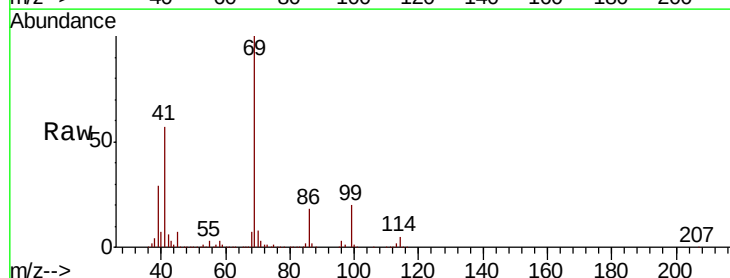
Tgt Ion: 69 Resp: 1255922

Ion Ratio Lower Upper

69 100

41 56.3 45.1 67.7

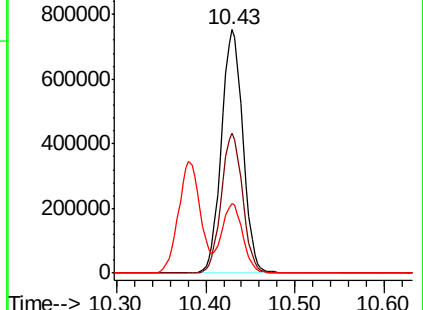
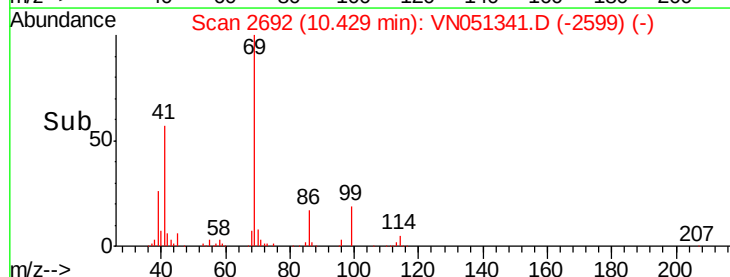
39 28.2 23.4 35.2

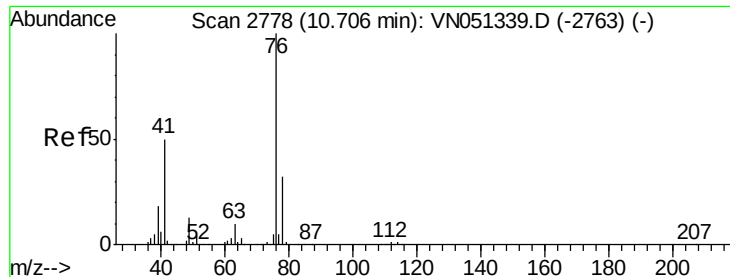


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 152.77 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampled :

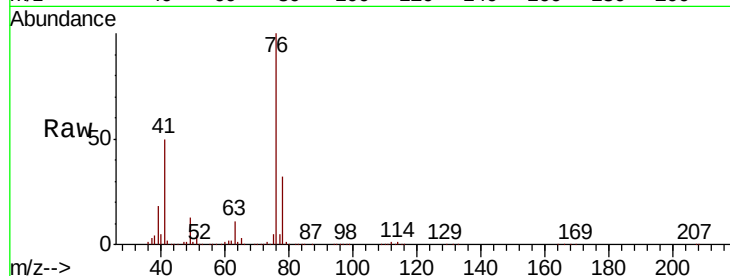
VSTDIC150

Tot Ion: 76 Resp: 1645135

Ion Ratio Lower Upper

76 100

78 32.3 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

800000

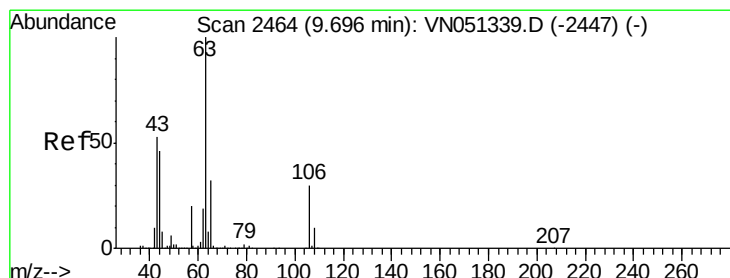
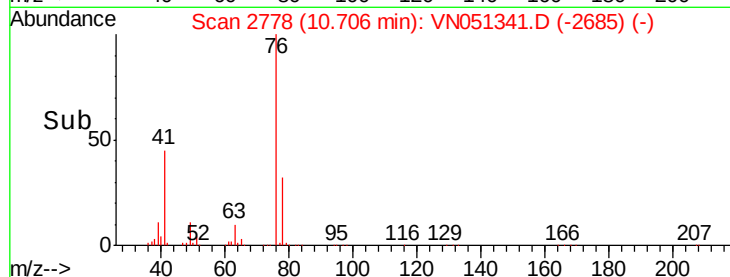
600000

400000

200000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 887.67 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051341.D

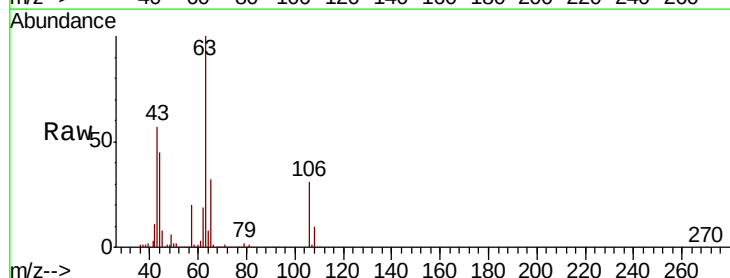
Acq: 20 Sep 2018 15:30

Tgt Ion: 63 Resp: 3151538

Ion Ratio Lower Upper

63 100

106 30.2 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

2000000

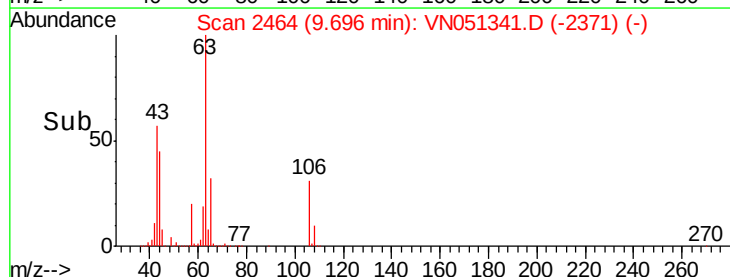
1500000

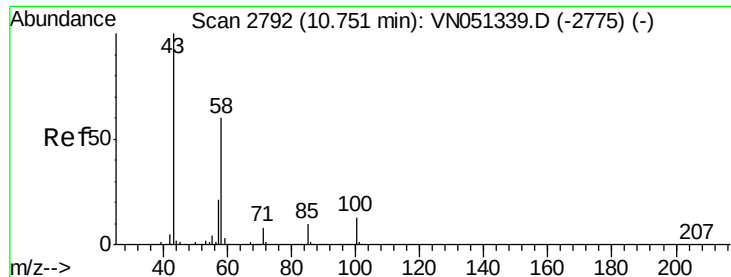
1000000

500000

0

Time-->

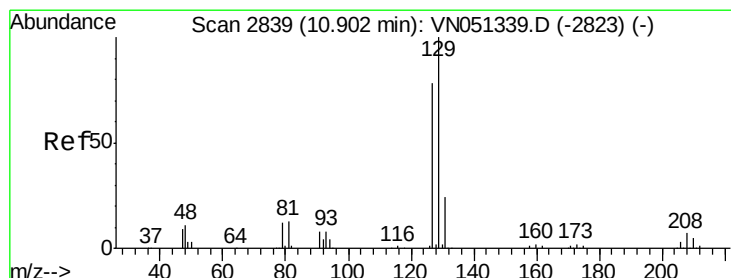
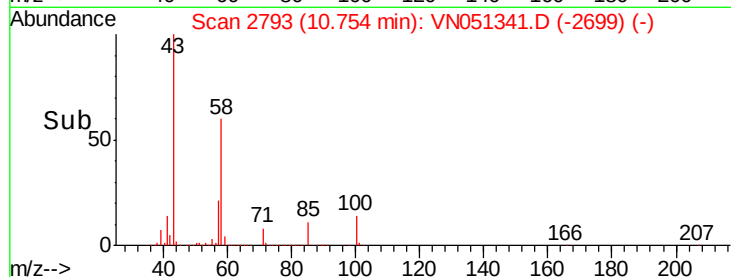
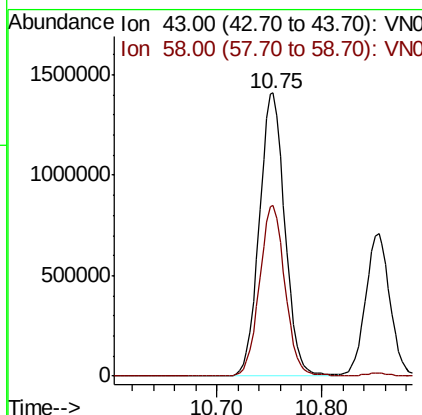
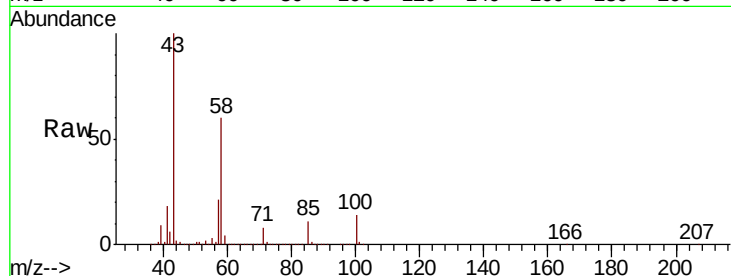




#59
2-Hexanone
Concen: 771.76 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

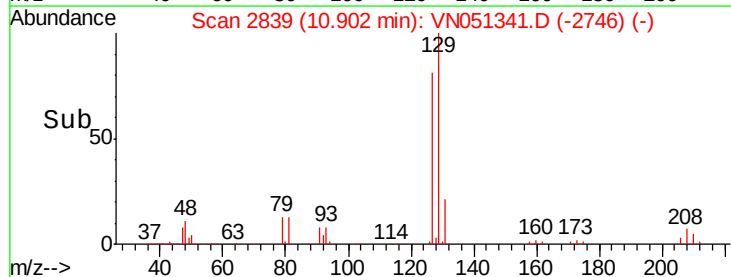
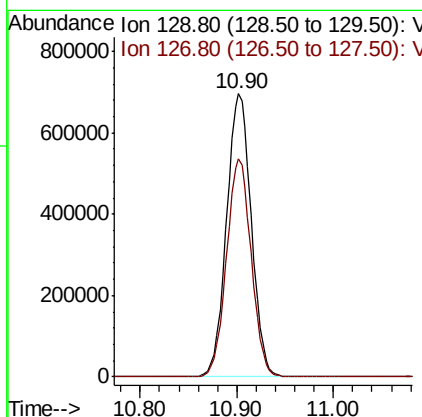
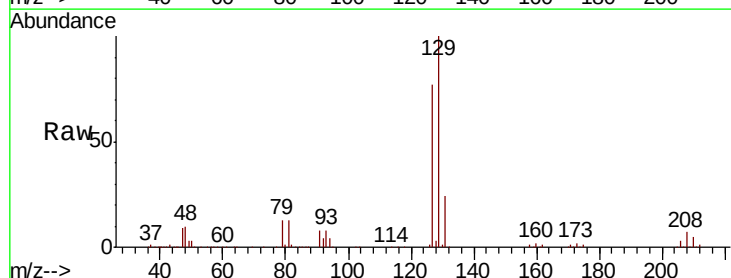
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

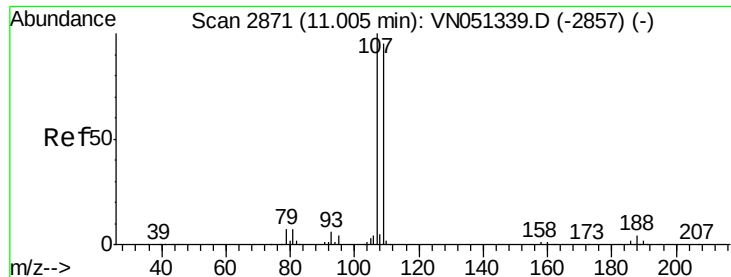
Tot Ion: 43 Resp: 2383740
Ion Ratio Lower Upper
43 100
58 60.3 29.9 89.8



#60
Dibromochloromethane
Concen: 154.84 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

Tgt Ion: 129 Resp: 1234431
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8

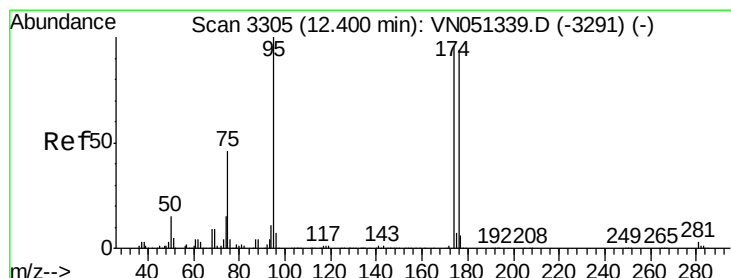
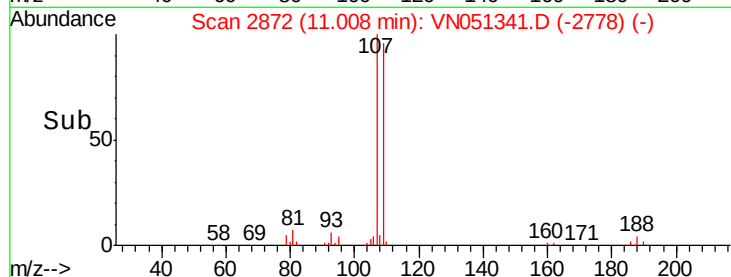
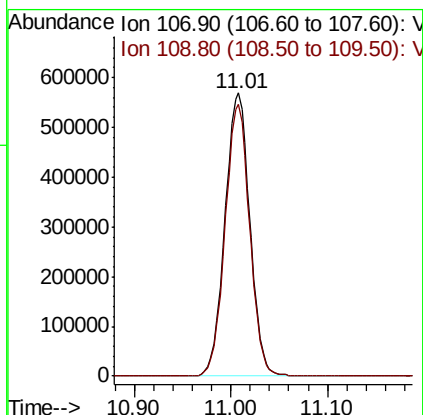
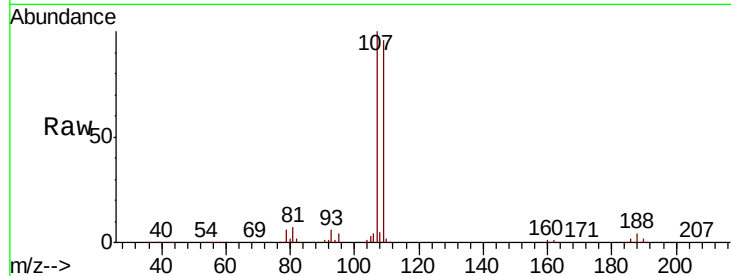




#61
 1,2-Dibromoethane
 Concen: 154.30 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN051341.D
 Acq: 20 Sep 2018 15:30

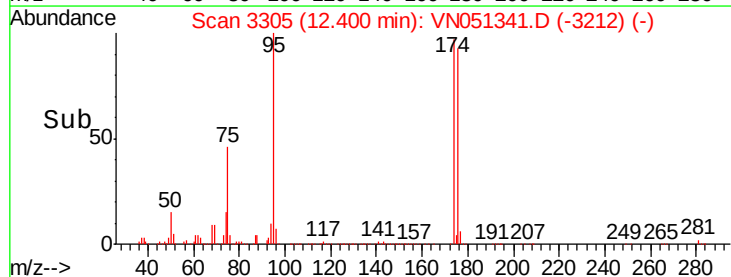
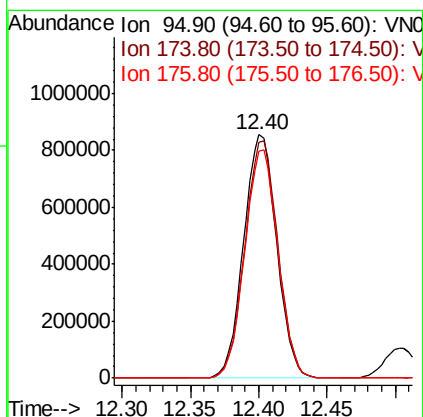
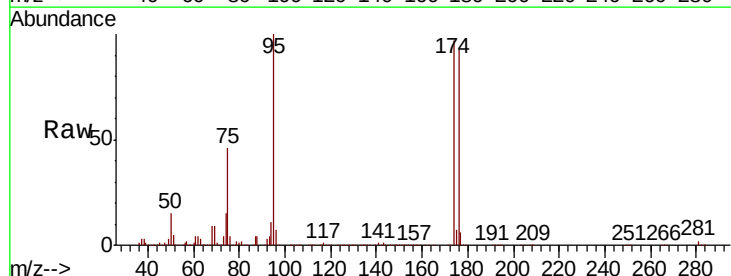
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

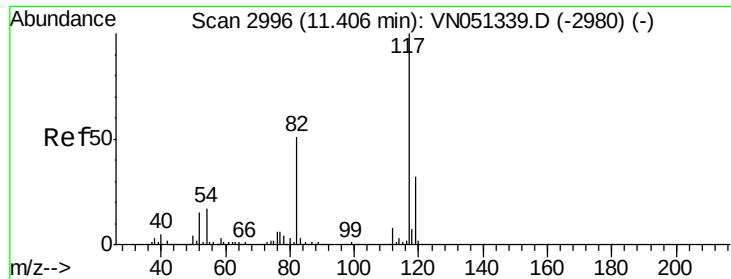
Tot Ion:107 Resp: 1014159
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 147.70 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN051341.D
 Acq: 20 Sep 2018 15:30

Tgt Ion: 95 Resp: 1433631
 Ion Ratio Lower Upper
 95 100
 174 98.0 0.0 194.6
 176 94.3 0.0 189.6

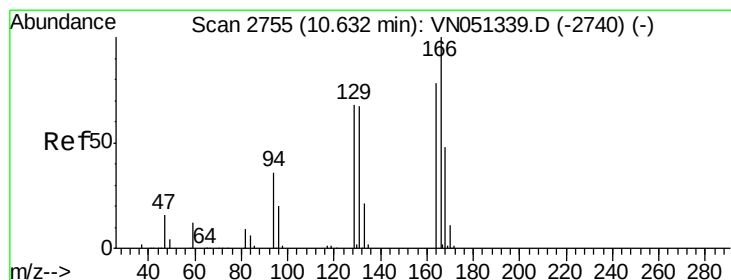
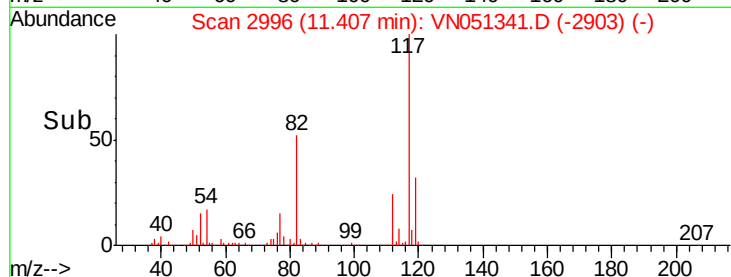
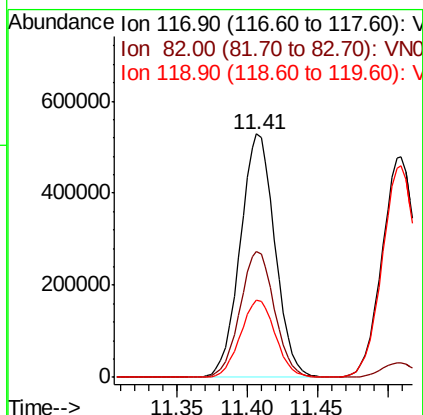
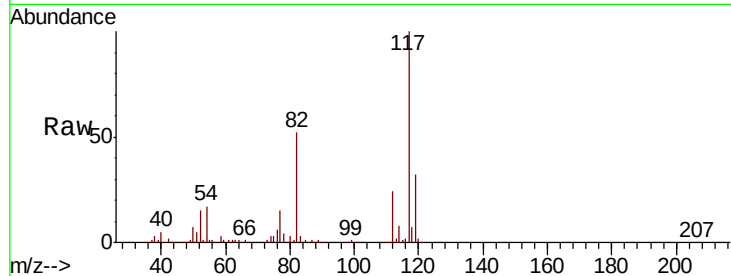




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

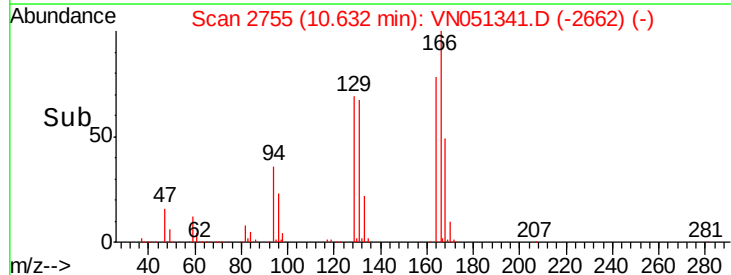
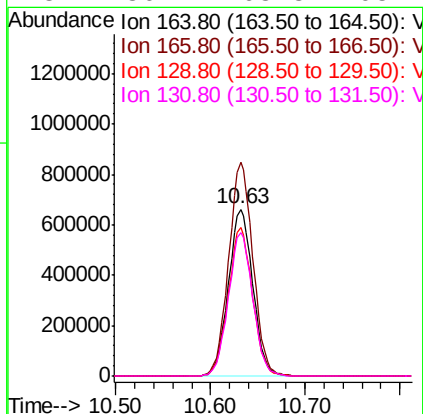
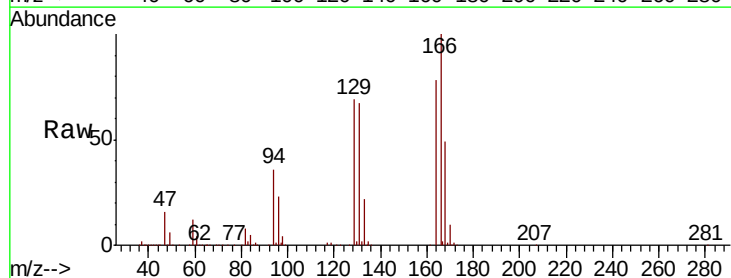
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

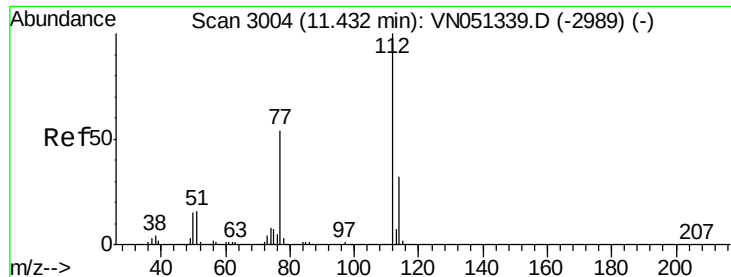
Tot Ion:117 Resp: 912000
Ion Ratio Lower Upper
117 100
82 51.9 40.7 61.1
119 31.5 25.3 37.9



#64
Tetrachloroethene
Concen: 148.53 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

Tgt Ion:164 Resp: 1181284
Ion Ratio Lower Upper
164 100
166 128.1 102.1 153.1
129 89.0 69.4 104.2
131 86.2 68.8 103.2

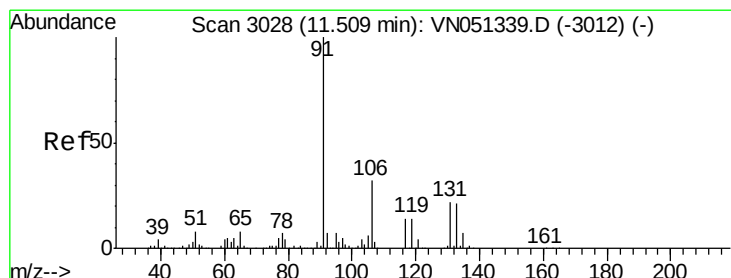
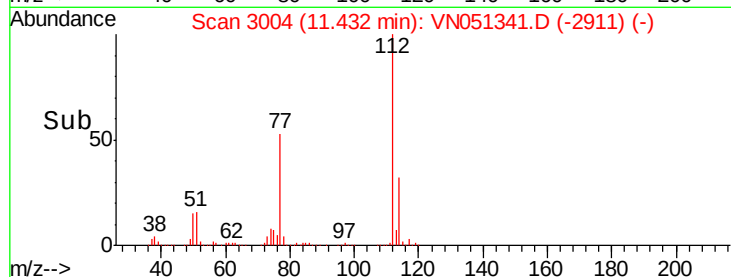
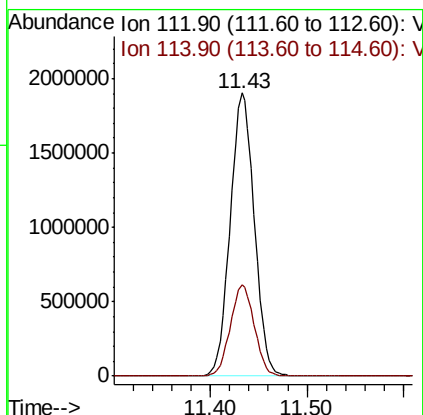
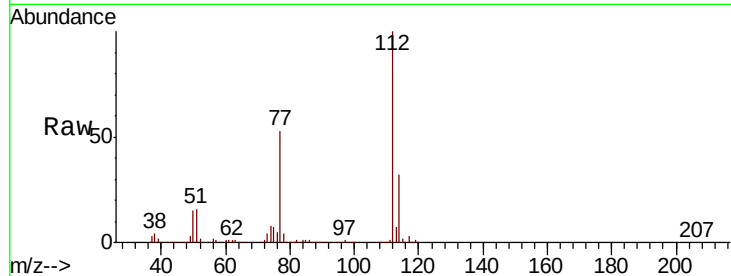




#65
Chlorobenzene
Concen: 150.89 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

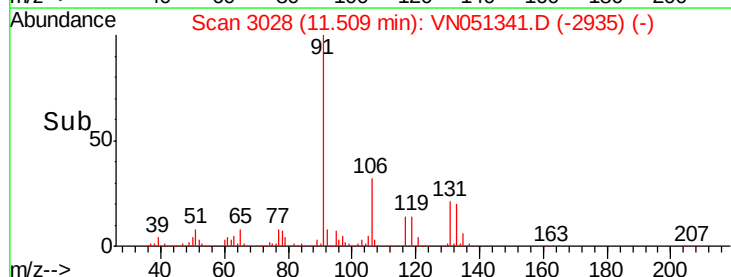
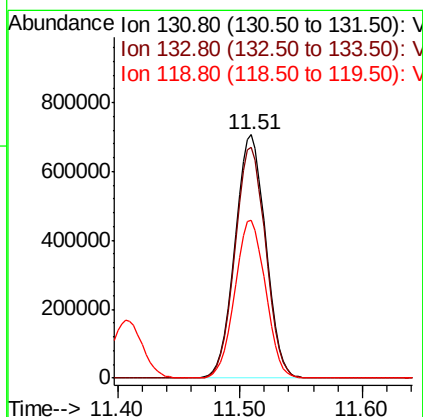
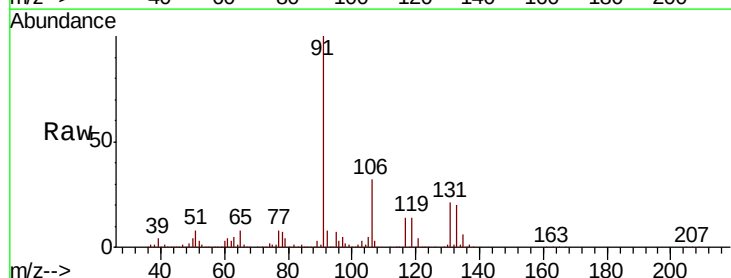
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

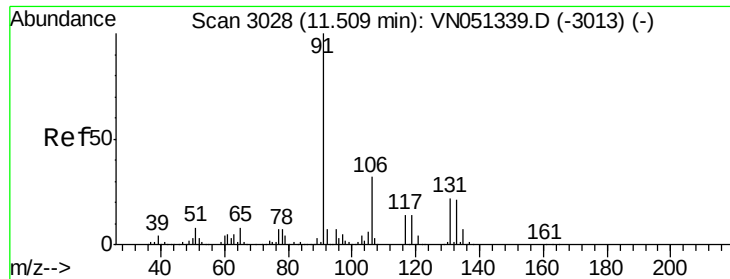
Tot Ion:112 Resp: 3287717
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 148.03 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

Tgt Ion:131 Resp: 1227905
Ion Ratio Lower Upper
131 100
133 95.3 47.4 142.2
119 64.9 32.6 97.7

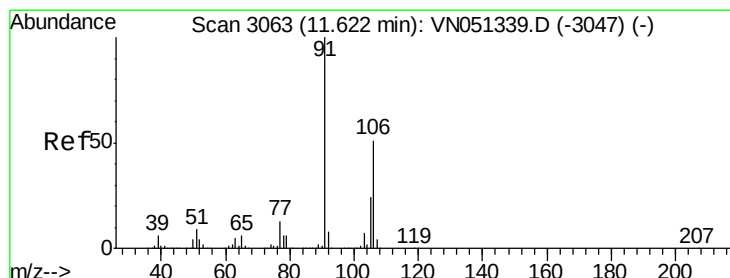
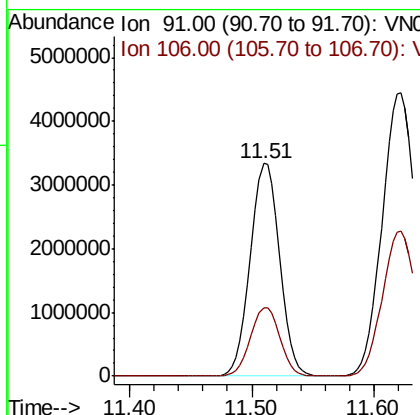
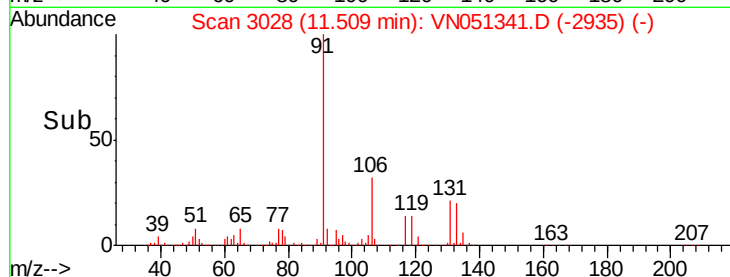
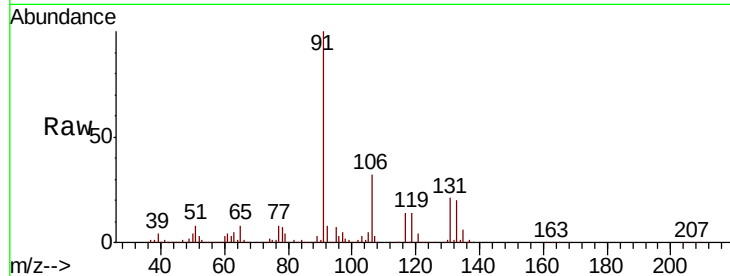




#67
Ethyl Benzene
Concen: 162.07 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

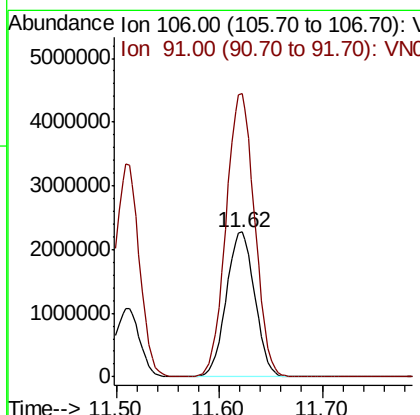
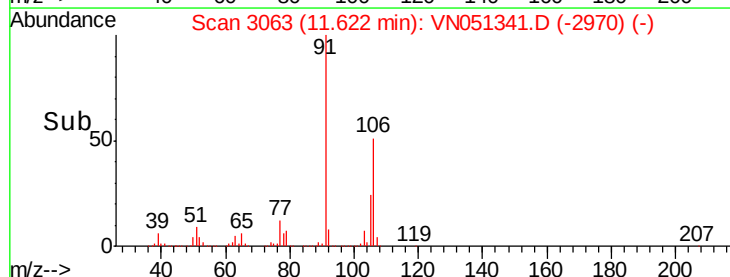
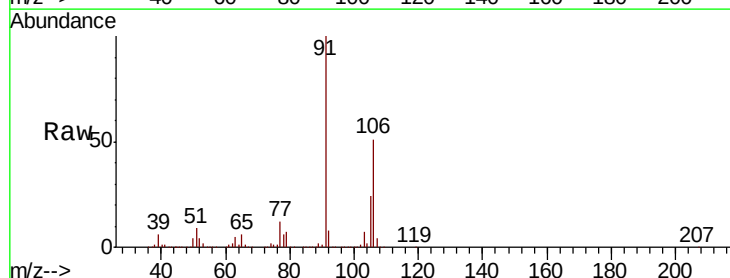
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

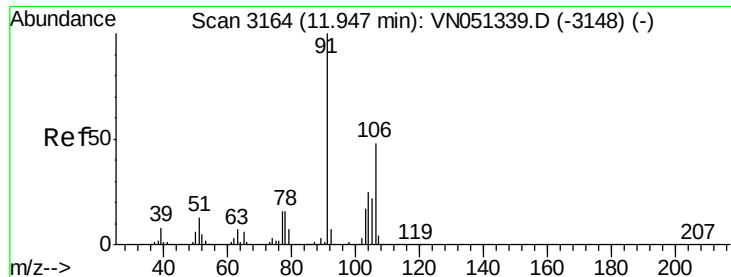
Tot Ion: 91 Resp: 5524351
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.8



#68
m/p-Xylenes
Concen: 326.14 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

Tgt Ion: 106 Resp: 4367485
Ion Ratio Lower Upper
106 100
91 196.0 156.5 234.7

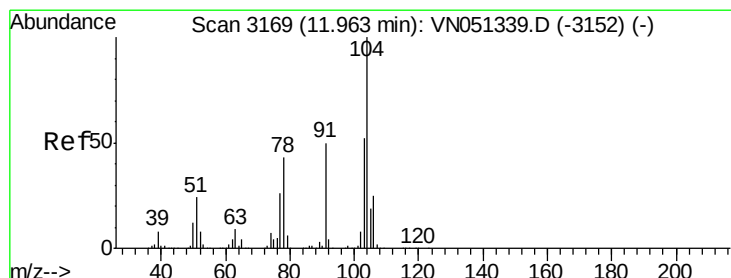
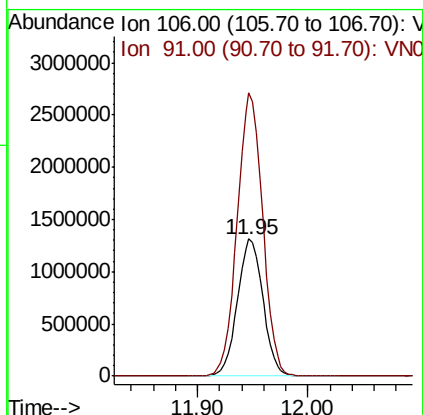
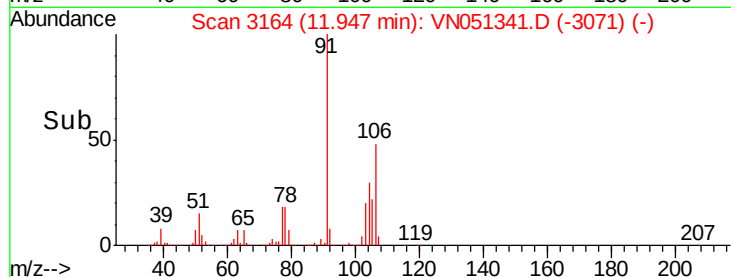
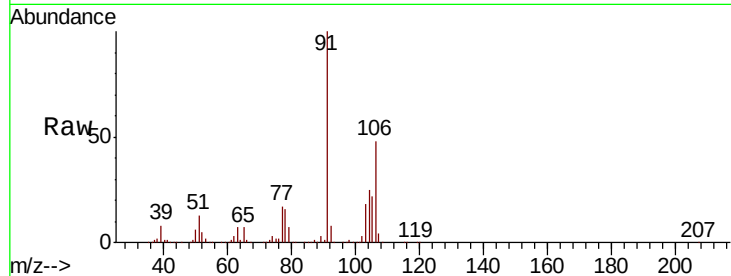




#69
o-Xylene
Concen: 162.94 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

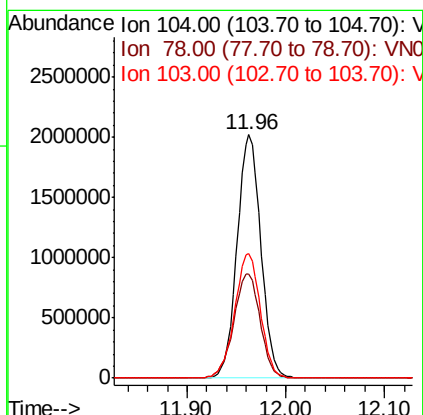
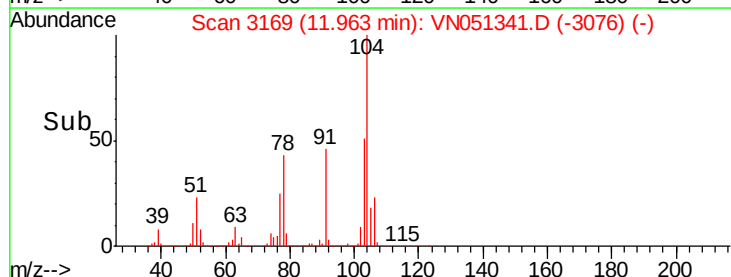
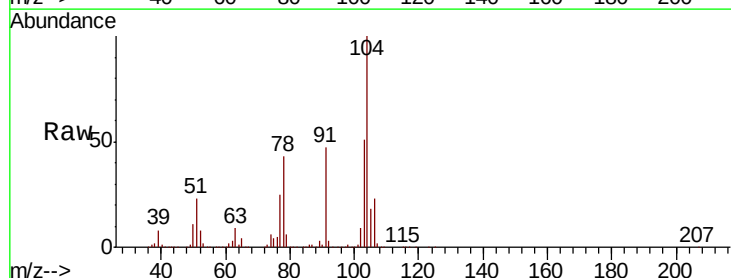
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

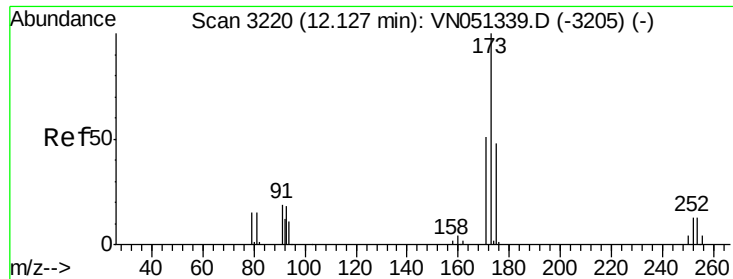
Tot Ion:106 Resp: 2103462
Ion Ratio Lower Upper
106 100
91 205.9 104.6 313.7



#70
Styrene
Concen: 168.37 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

Tgt Ion:104 Resp: 3373752
Ion Ratio Lower Upper
104 100
78 47.7 37.8 56.6
103 55.5 44.3 66.5





#71

Bromoform

Concen: 156.75 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

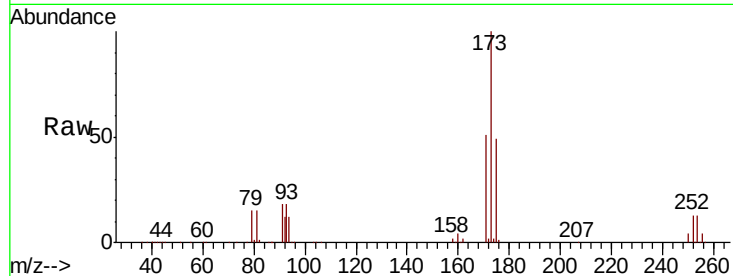
Tot Ion:173 Resp: 882440

Ion Ratio Lower Upper

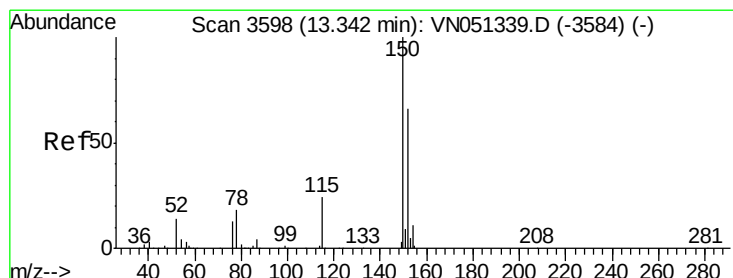
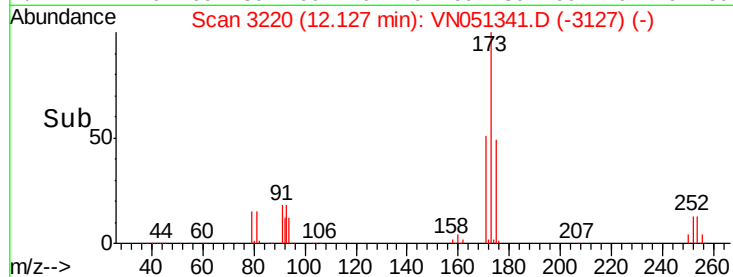
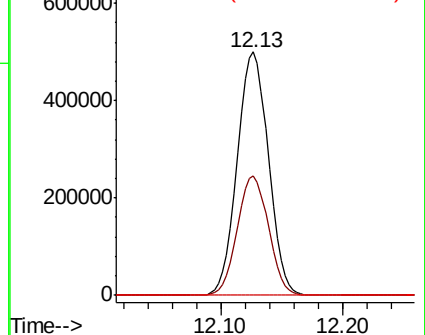
173 100

175 49.4 24.3 73.0

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

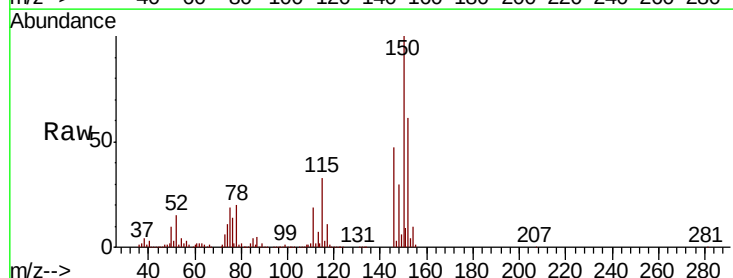
Tgt Ion:152 Resp: 513437

Ion Ratio Lower Upper

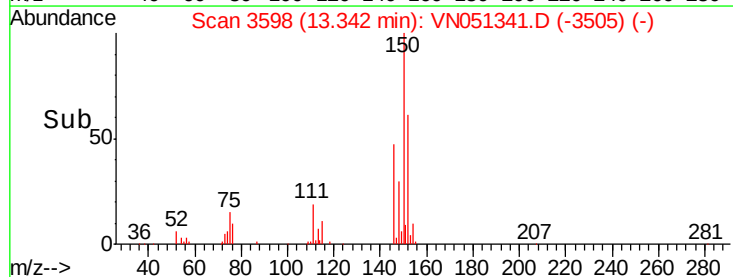
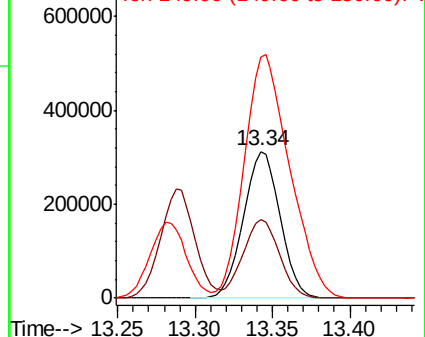
152 100

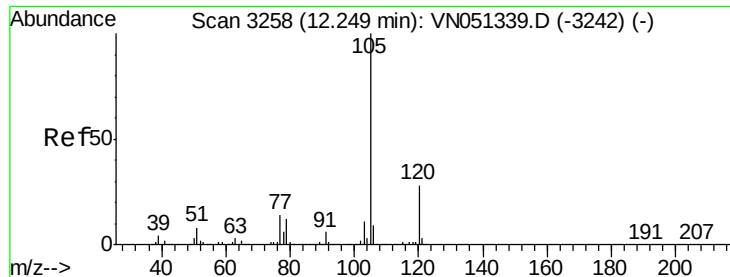
115 53.4 26.9 80.7

150 205.8 0.0 345.0



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: 148.06 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampleId :

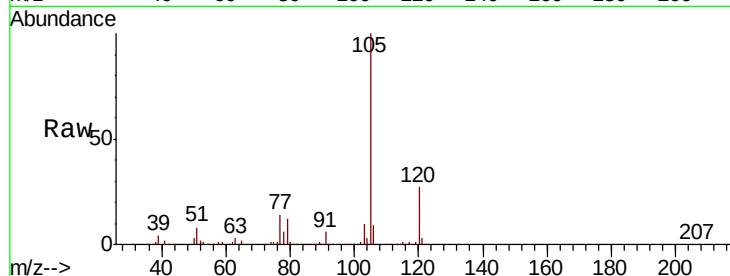
VSTDIC150

Tot Ion:105 Resp: 5571282

Ion Ratio Lower Upper

105 100

120 27.5 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

4000000

3000000

2000000

1000000

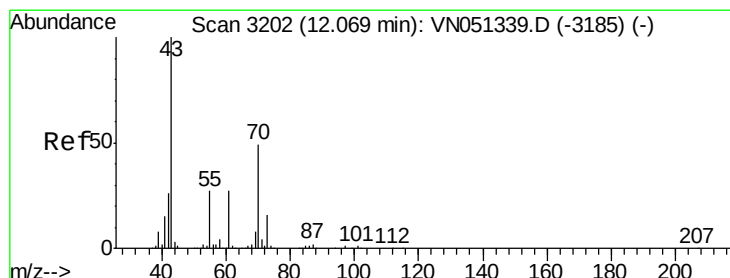
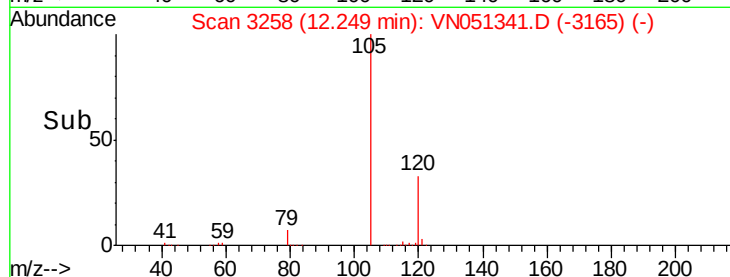
0

12.20

12.25

12.30

Time-->



#74

N-ethyl acetate

Concen: 148.09 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Tgt Ion: 43 Resp: 1192173

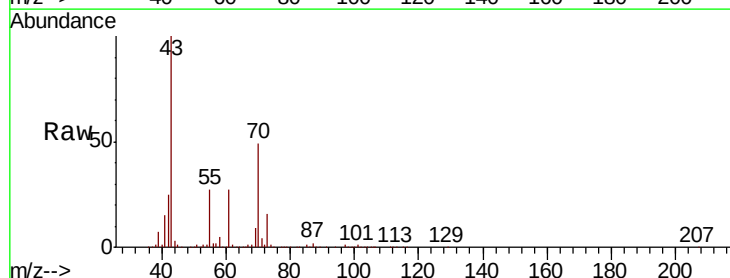
Ion Ratio Lower Upper

43 100

70 48.8 39.5 59.3

55 26.8 22.6 34.0

61 26.9 21.5 32.3



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

1200000

1000000

800000

600000

400000

200000

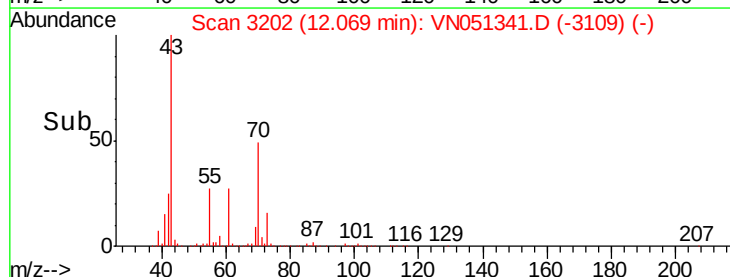
0

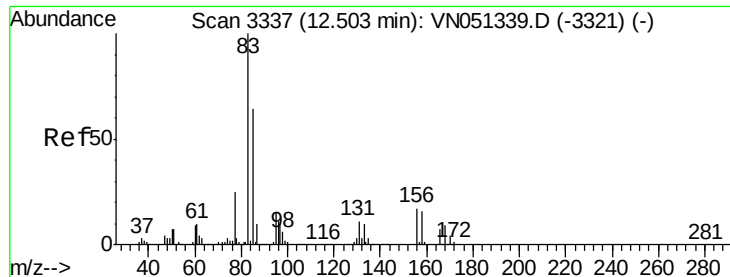
12.00

12.07

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 123.21 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

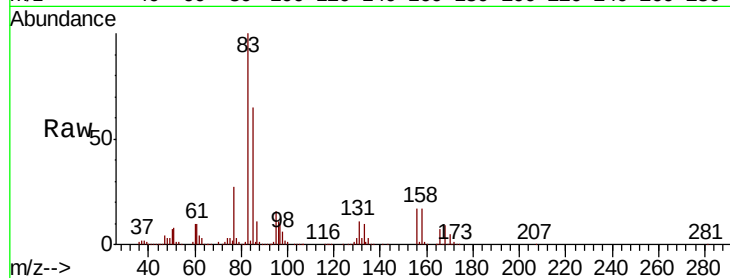
Tot Ion: 83 Resp: 1144184

Ion	Ratio	Lower	Upper
83	100		
131	11.8	5.5	16.7
85	64.8	32.3	96.9

83 100

131 11.8 5.5 16.7

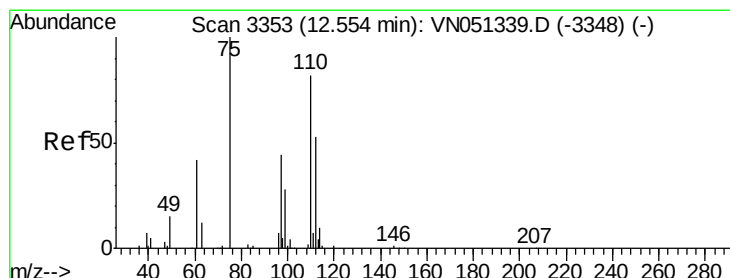
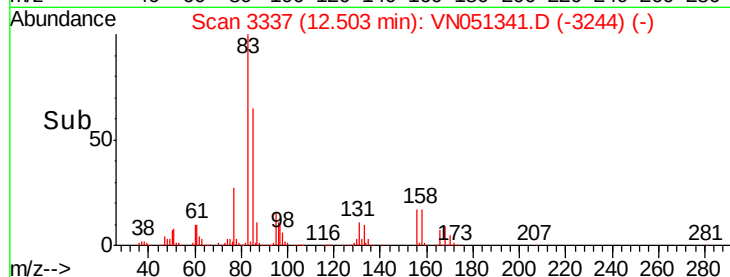
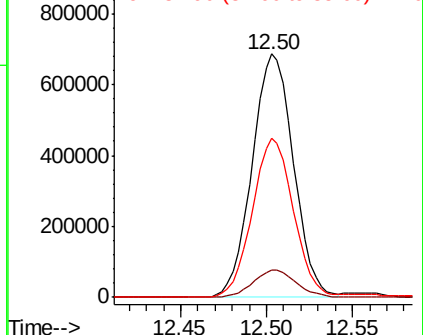
85 64.8 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN

Ion 84.90 (84.60 to 85.60): VN



#76

1,2,3-Trichloropropane

Concen: 197.07 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051341.D

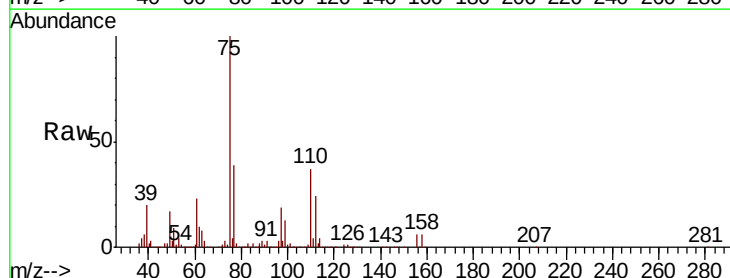
Acq: 20 Sep 2018 15:30

Tgt Ion: 75 Resp: 1461186

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

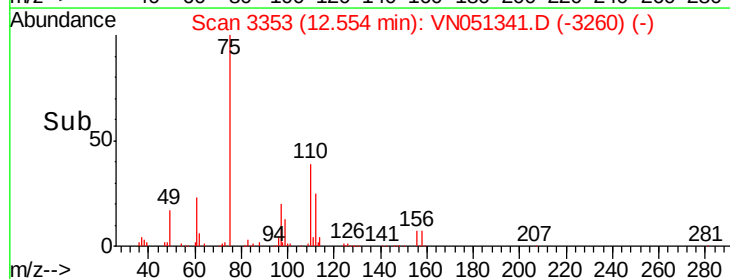
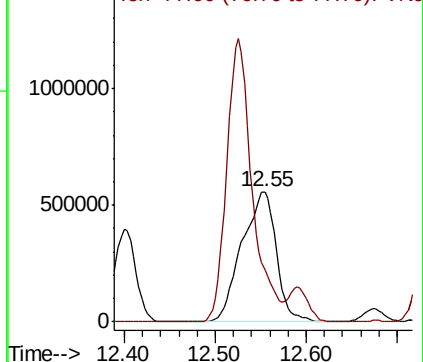
75 100

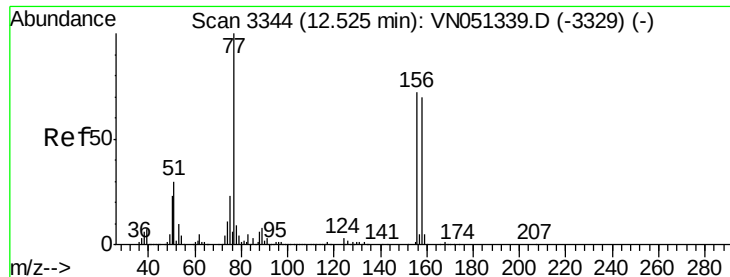
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 141.76 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

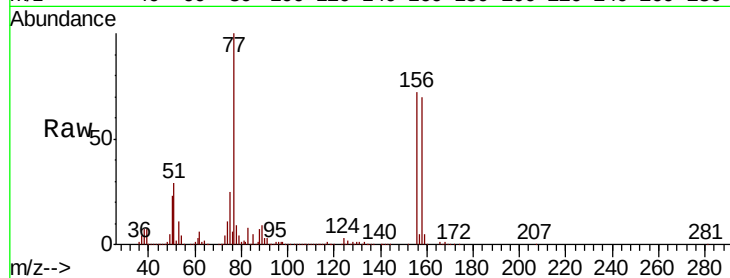
Tot Ion:156 Resp: 1473809

Ion Ratio Lower Upper

156 100

77 160.4 80.8 242.4

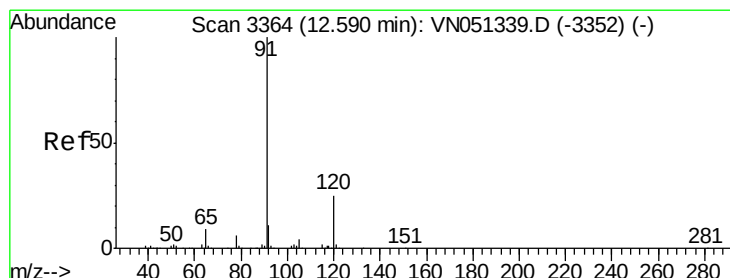
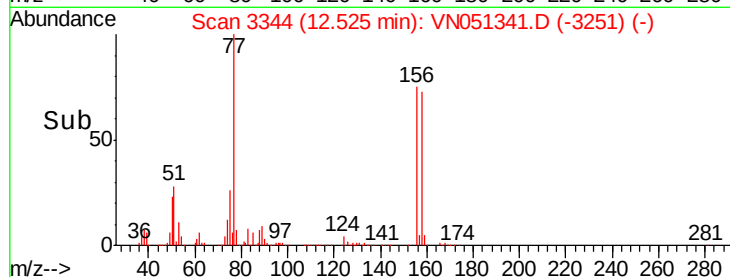
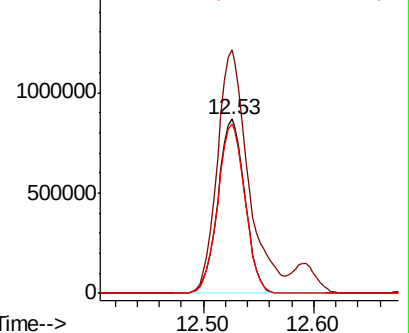
158 97.5 48.8 146.3



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: 151.95 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN051341.D

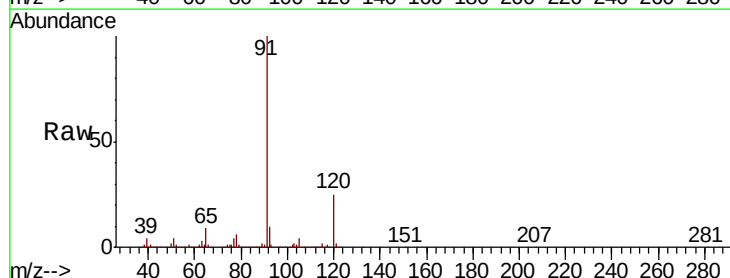
Acq: 20 Sep 2018 15:30

Tgt Ion: 91 Resp: 6233394

Ion Ratio Lower Upper

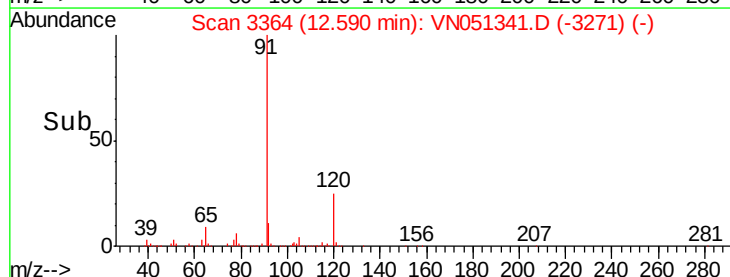
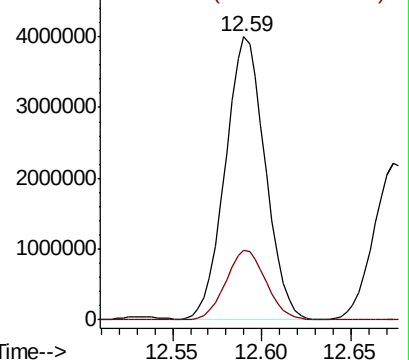
91 100

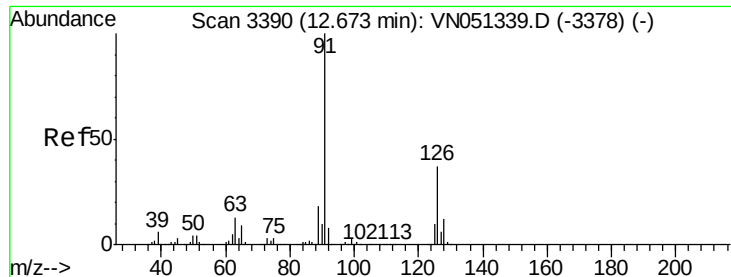
120 24.8 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 143.18 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampleId :

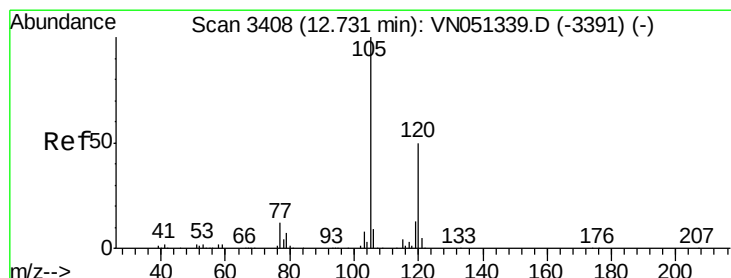
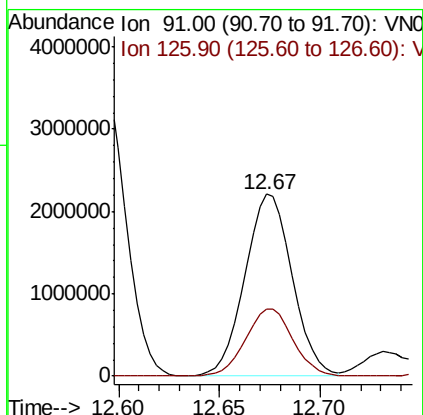
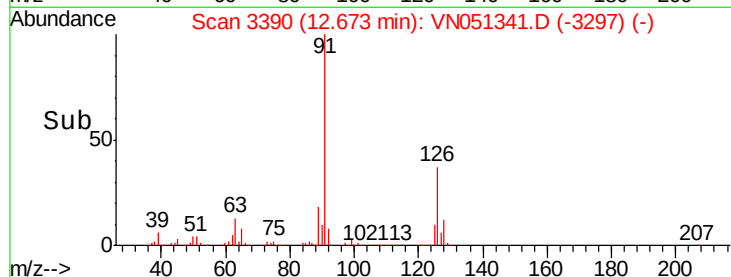
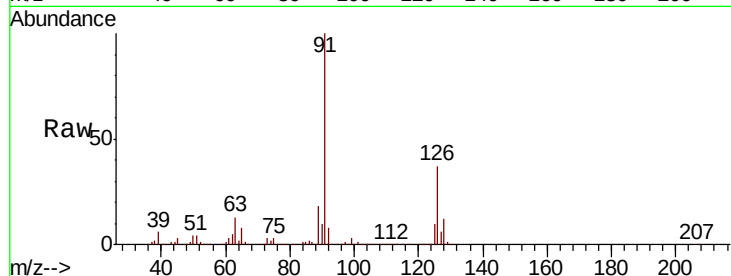
VSTDIC150

Tot Ion: 91 Resp: 3619785

Ion Ratio Lower Upper

91 100

126 37.1 18.6 55.8



#80

1,3,5-Trimethylbenzene

Concen: 151.12 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN051341.D

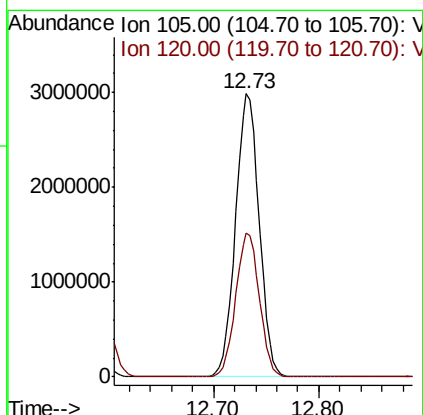
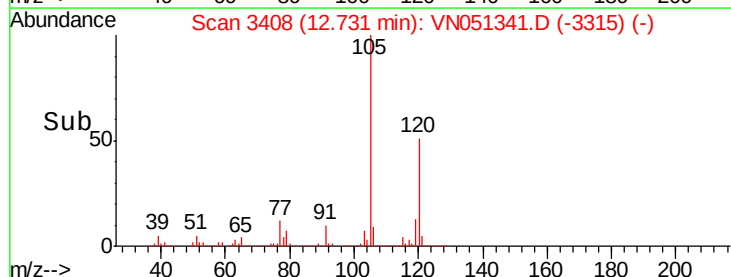
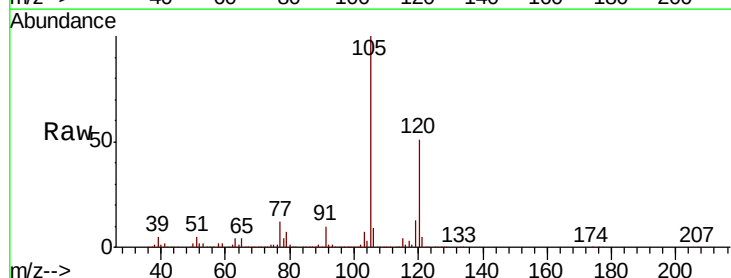
Acq: 20 Sep 2018 15:30

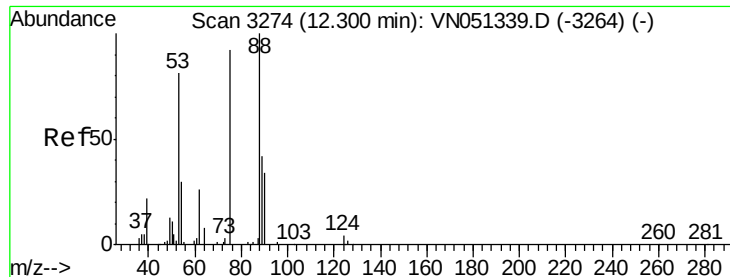
Tgt Ion: 105 Resp: 4610085

Ion Ratio Lower Upper

105 100

120 50.9 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 169.48 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

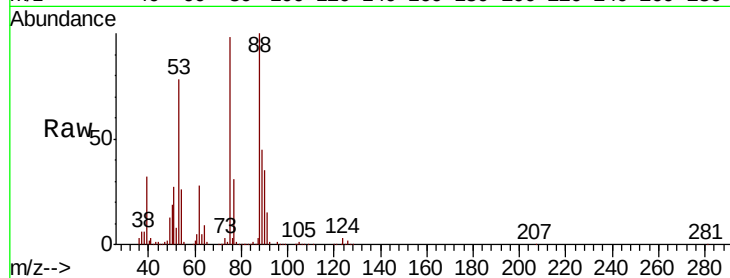
Tot Ion: 75 Resp: 362977

Ion Ratio Lower Upper

75 100

53 81.6 69.9 104.9

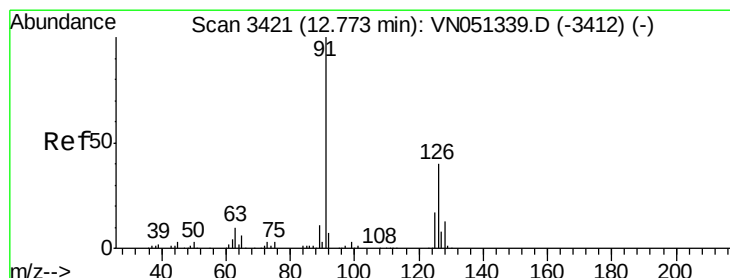
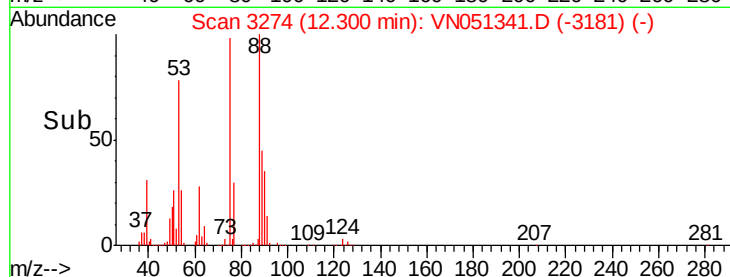
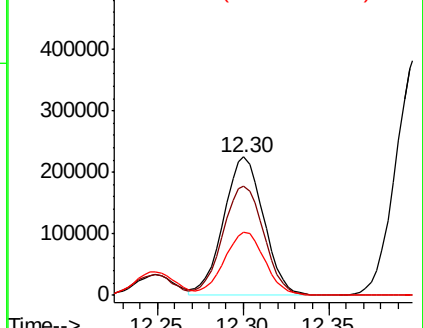
89 46.4 37.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 150.43 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN051341.D

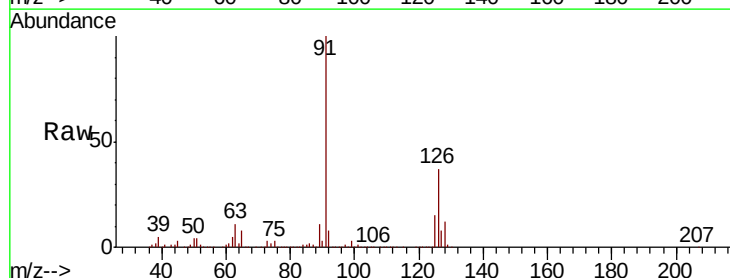
Acq: 20 Sep 2018 15:30

Tgt Ion: 91 Resp: 3696524

Ion Ratio Lower Upper

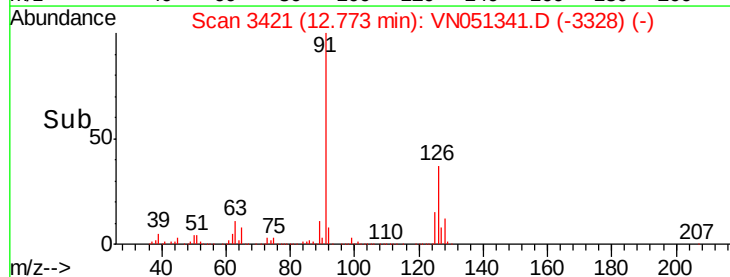
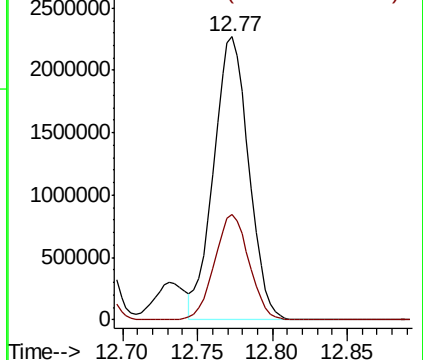
91 100

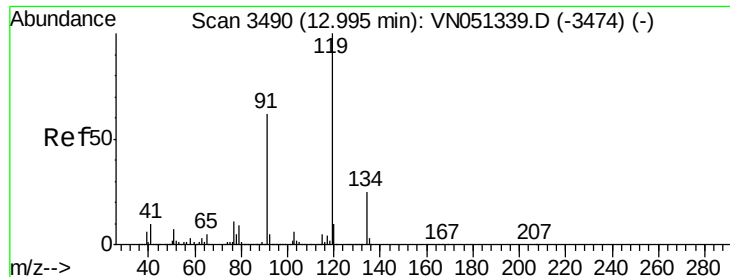
126 36.8 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

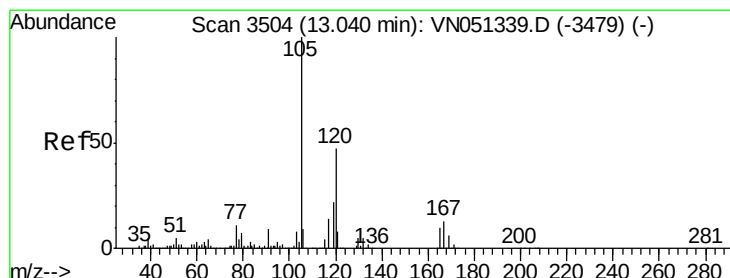
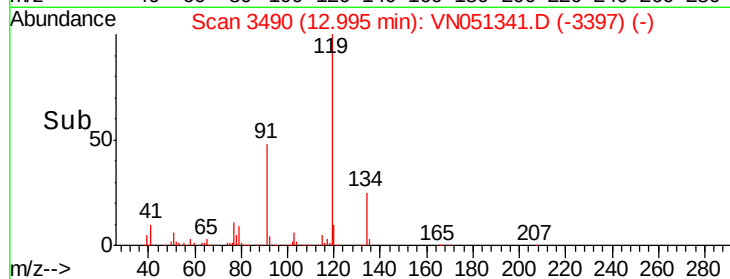
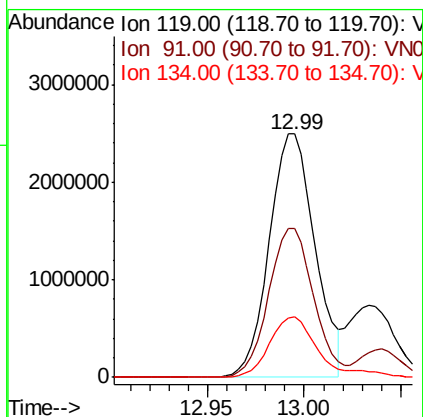
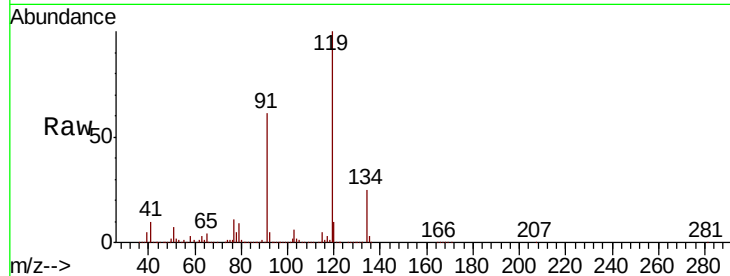




#83
 tert-Butylbenzene
 Concen: 150.43 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051341.D
 Acq: 20 Sep 2018 15:30

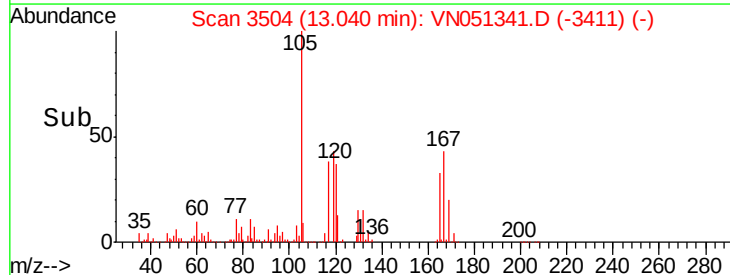
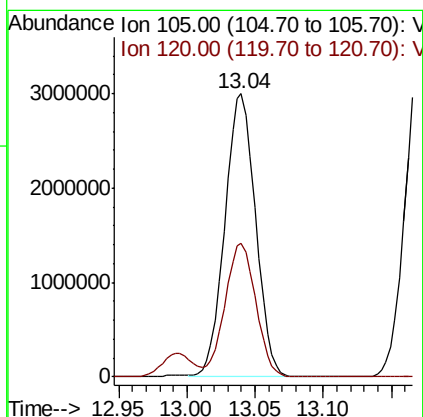
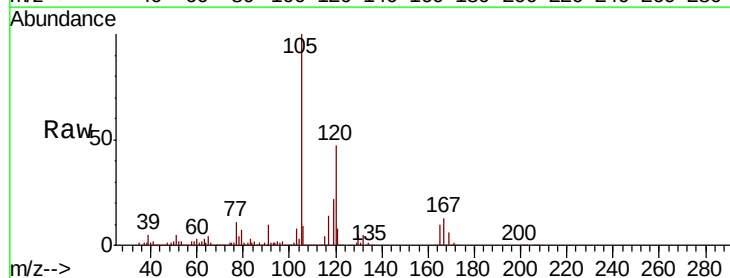
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

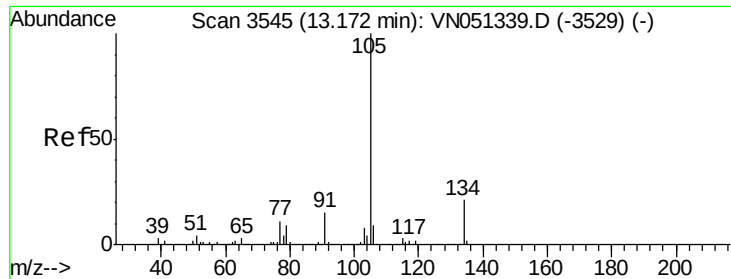
Tot Ion:119 Resp: 4107422
 Ion Ratio Lower Upper
 119 100
 91 60.2 30.6 91.8
 134 26.7 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 154.99 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051341.D
 Acq: 20 Sep 2018 15:30

Tgt Ion:105 Resp: 4692518
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.5 70.6





#85

sec-Butylbenzene

Concen: 153.33 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampleId :

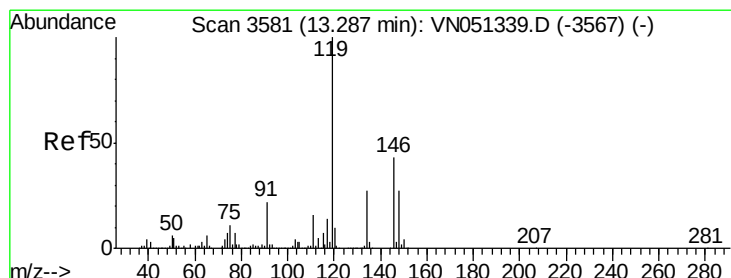
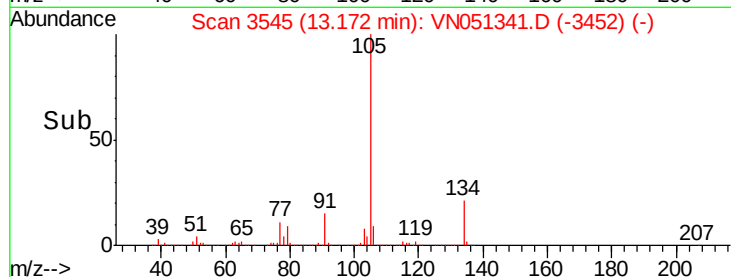
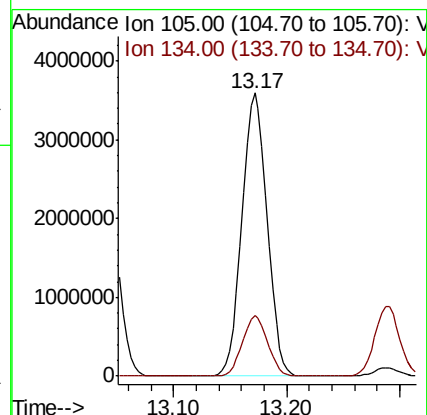
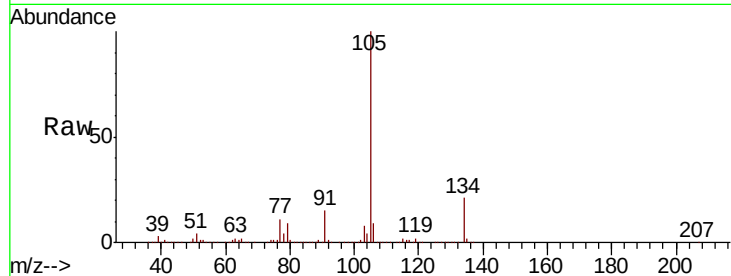
VSTDIC150

Tot Ion:105 Resp: 5567589

Ion Ratio Lower Upper

105 100

134 21.2 10.8 32.3



#86

p-Isopropyltoluene

Concen: 160.05 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

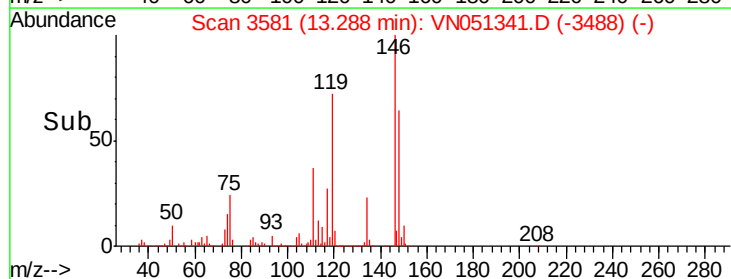
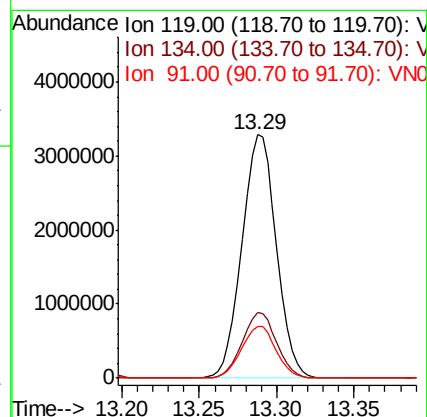
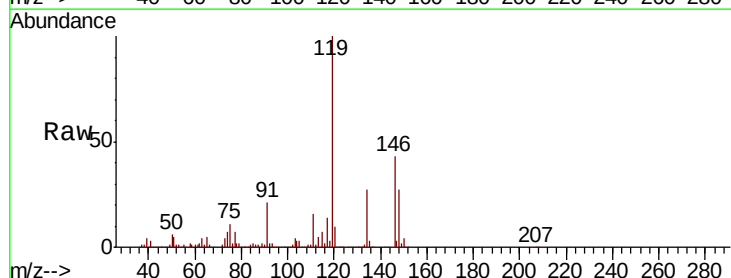
Tgt Ion:119 Resp: 5057705

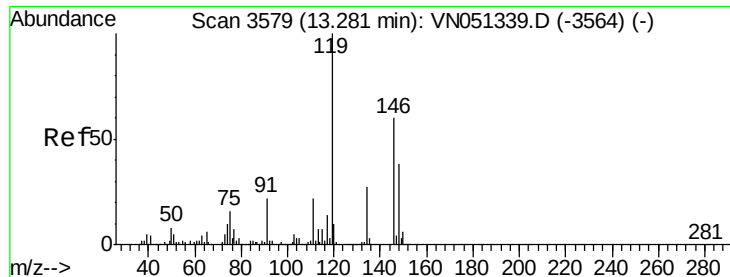
Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.0

91 21.4 10.8 32.3



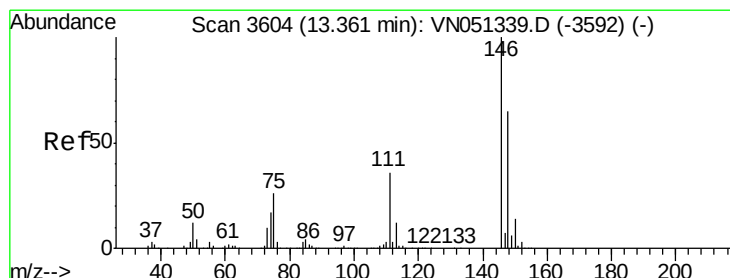
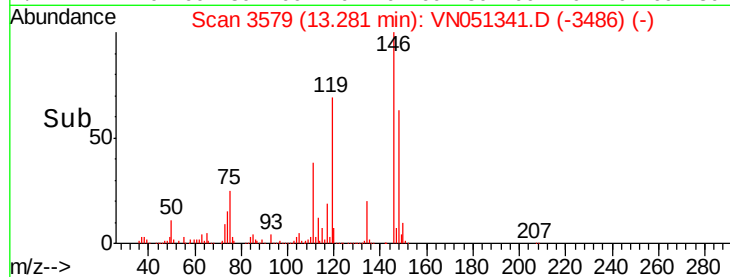
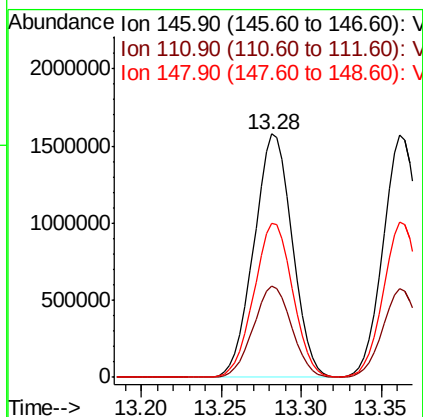
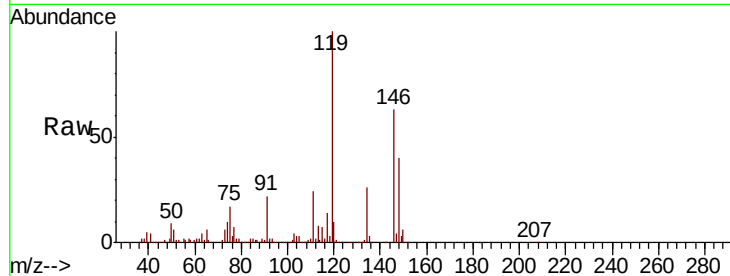


#87
 1,3-Dichlorobenzene
 Concen: 149.08 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN051341.D
 Acq: 20 Sep 2018 15:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 2605209

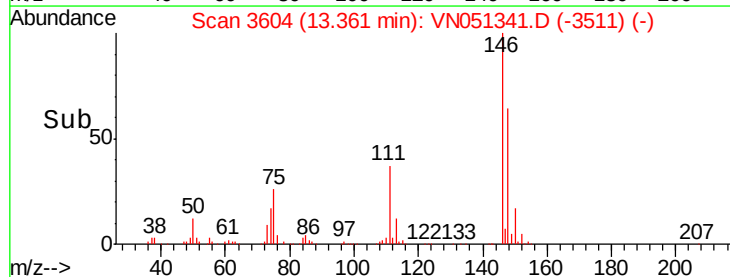
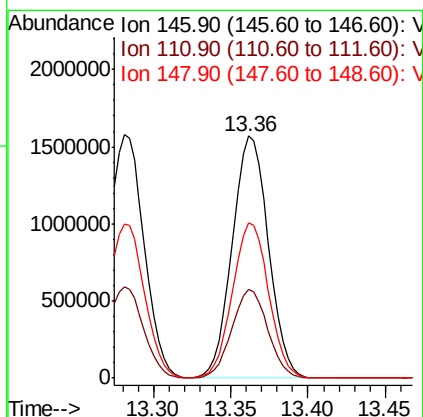
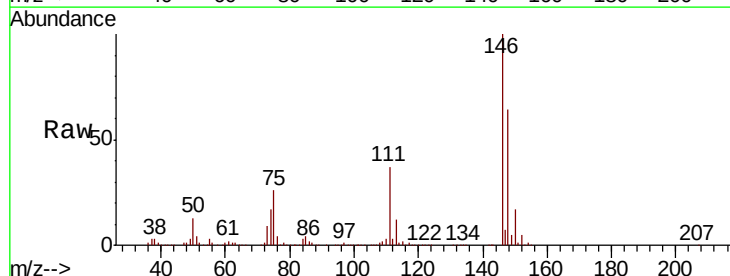
Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	55.8
148	63.8	31.9	95.7

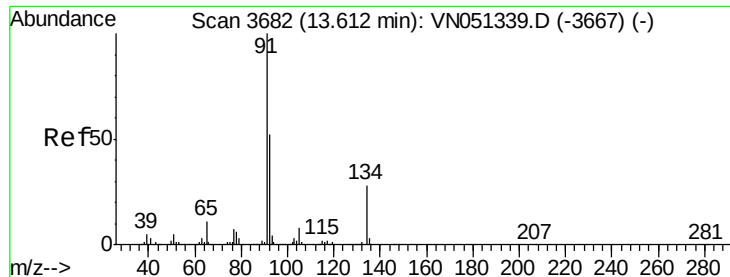


#88
 1,4-Dichlorobenzene
 Concen: 150.20 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN051341.D
 Acq: 20 Sep 2018 15:30

Tgt Ion:146 Resp: 2544420

Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.2	54.6
148	64.2	32.5	97.4

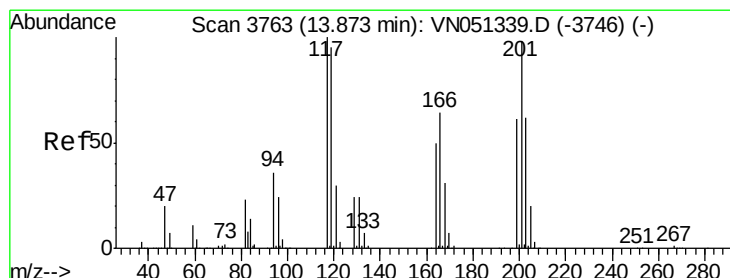
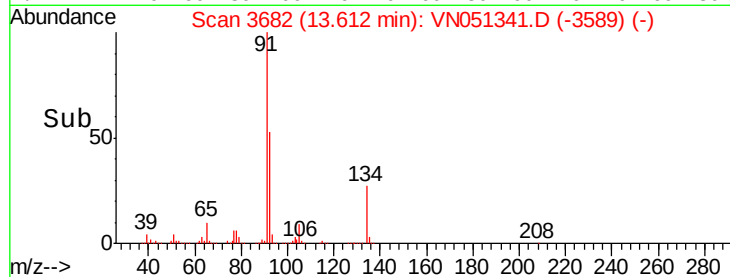
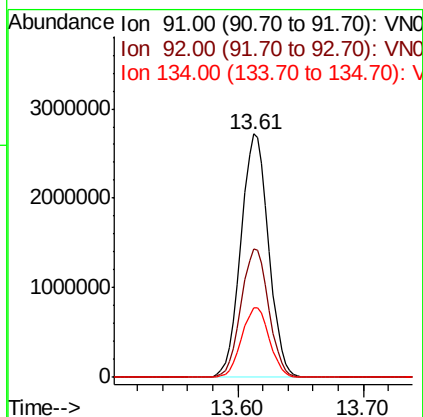
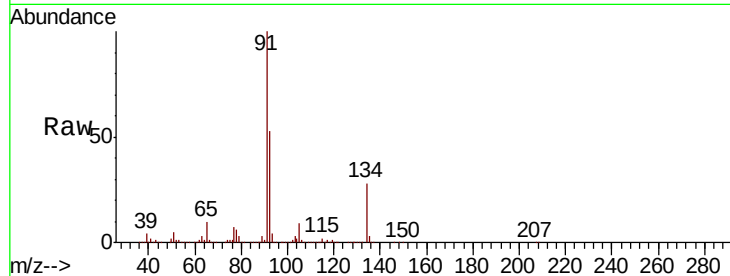




#89
n-Butylbenzene
Concen: 169.12 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

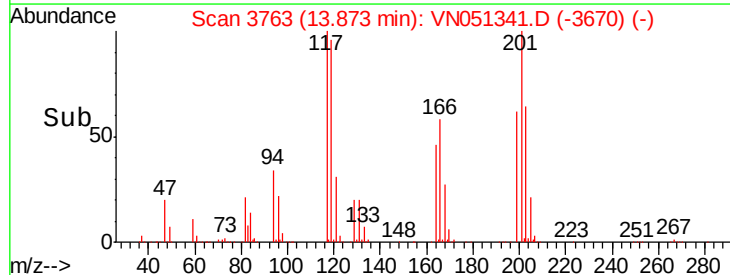
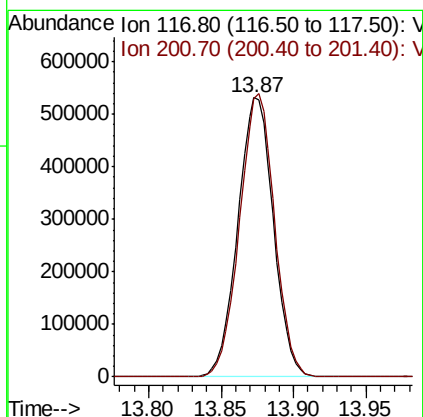
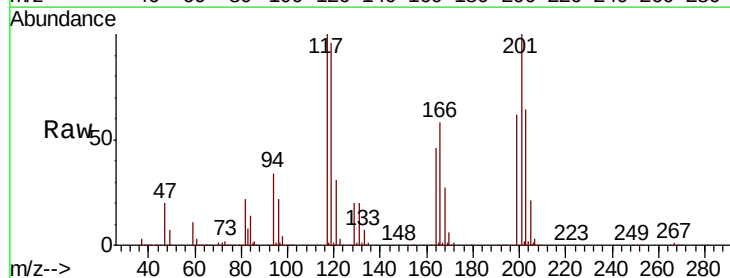
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

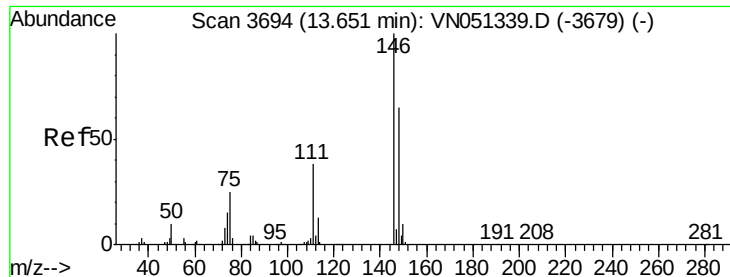
Tot Ion: 91 Resp: 4154542
Ion Ratio Lower Upper
91 100
92 52.9 26.0 78.0
134 28.8 14.1 42.4



#90
Hexachloroethane
Concen: 133.71 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN051341.D
Acq: 20 Sep 2018 15:30

Tgt Ion: 117 Resp: 904900
Ion Ratio Lower Upper
117 100
201 99.8 49.5 148.3





#91

1,2-Dichlorobenzene

Concen: 143.45 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

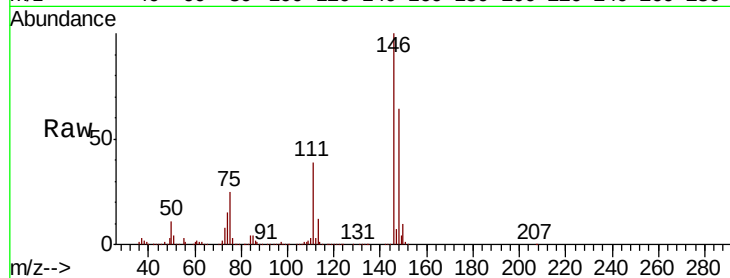
MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:146 Resp: 2421698

Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.3	57.8
148	64.4	32.9	98.7

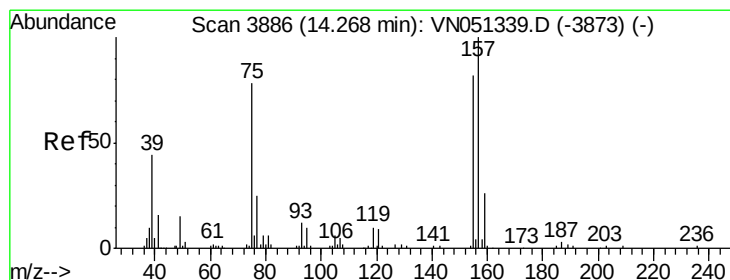
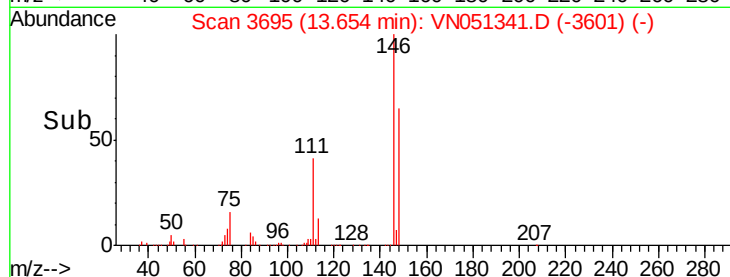
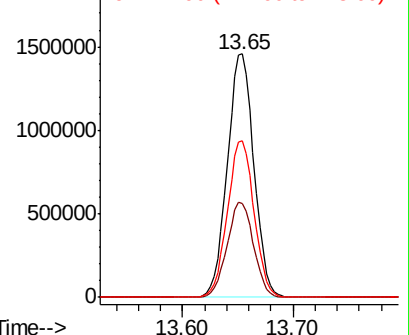


Abundance

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: 144.43 ug/l

RT: 14.27 min Scan# 3886

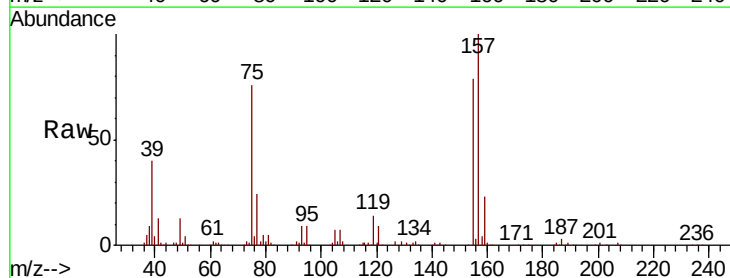
Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Tgt Ion: 75 Resp: 177639

Ion	Ratio	Lower	Upper
75	100		
155	103.7	51.4	154.2
157	132.4	65.4	196.2

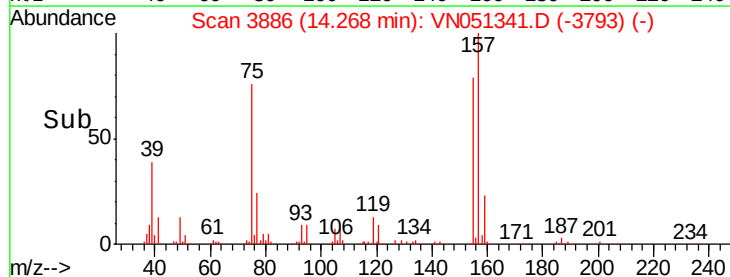
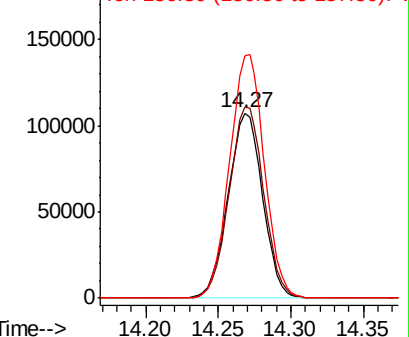


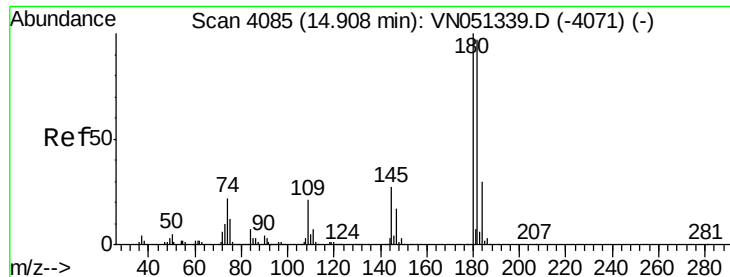
Abundance

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

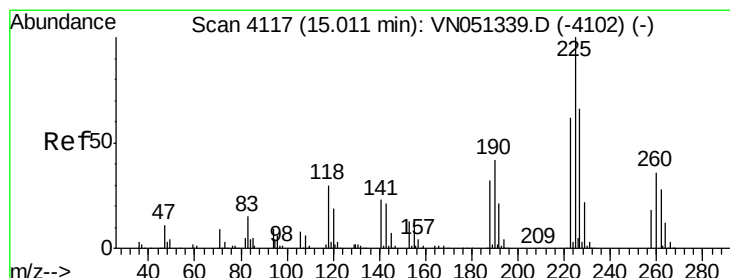
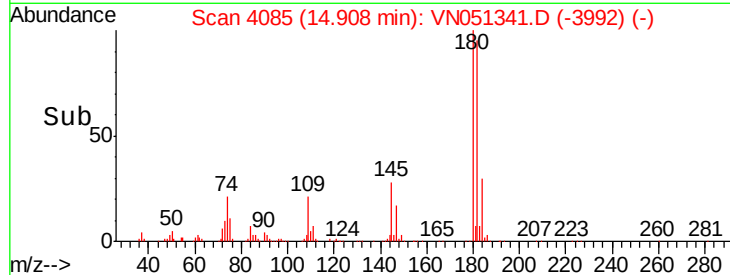
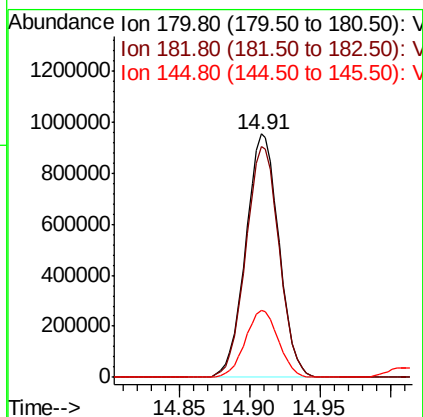
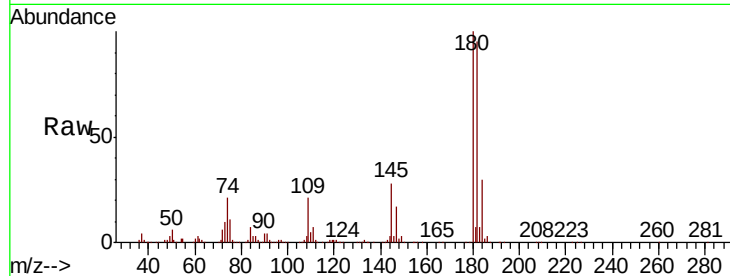




#93
 1,2,4-Trichlorobenzene
 Concen: 202.73 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN051341.D
 Acq: 20 Sep 2018 15:30

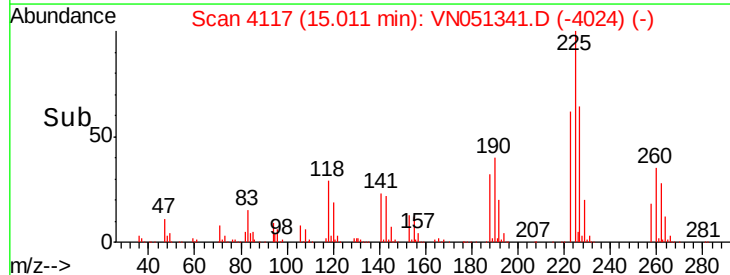
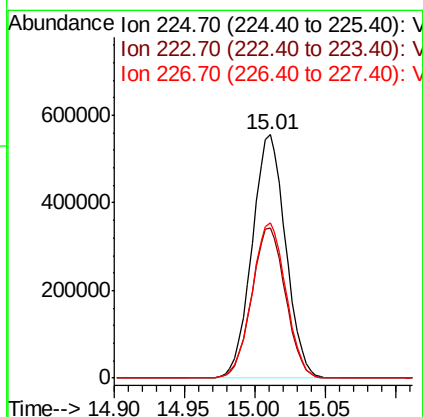
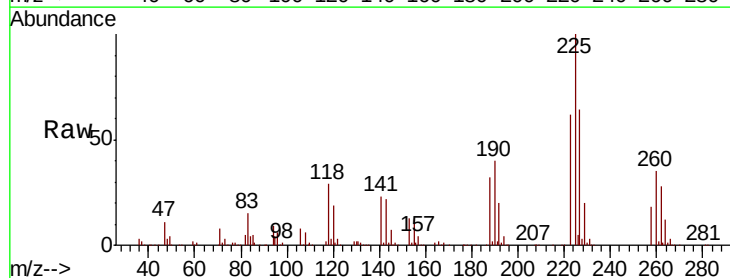
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

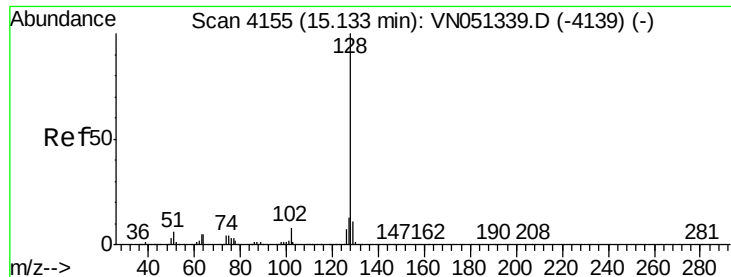
Tot Ion:180 Resp: 1568897
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.4 145.2
 145 27.6 13.7 41.1



#94
 Hexachlorobutadiene
 Concen: 141.00 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051341.D
 Acq: 20 Sep 2018 15:30

Tgt Ion:225 Resp: 923750
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.2 93.6
 227 64.6 32.8 98.4





#95

Naphthalene

Concen: 218.79 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Instrument :

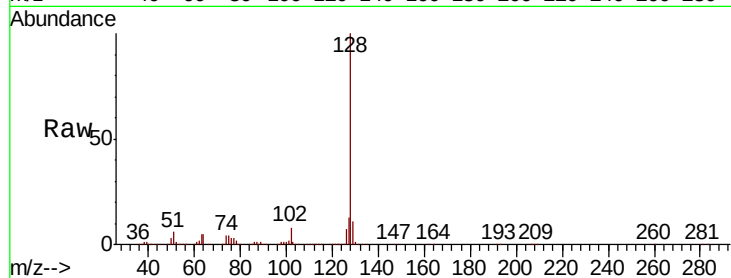
MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 2984798

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.6	13.0

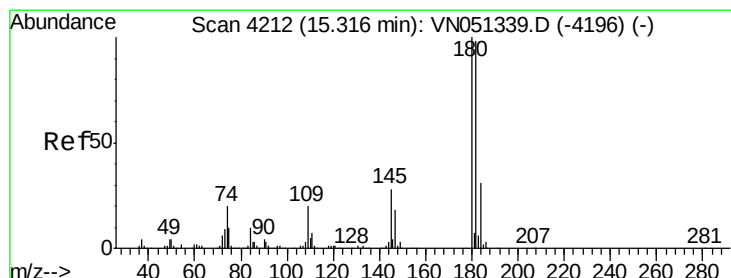
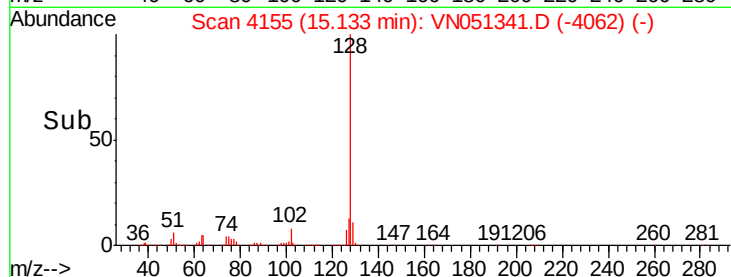
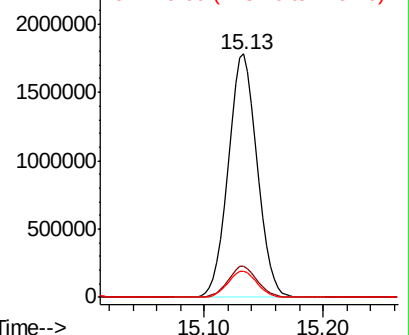


Abundance

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: 191.25 ug/l

RT: 15.31 min Scan# 4211

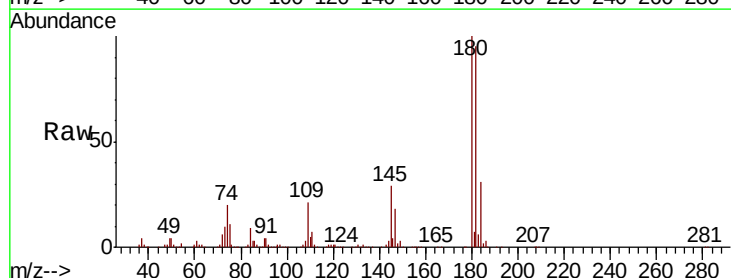
Delta R.T. -0.00 min

Lab File: VN051341.D

Acq: 20 Sep 2018 15:30

Tgt Ion:180 Resp: 1472568

Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.1	144.3
145	28.9	14.3	42.9



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

