

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051215.D
 Acq On : 15 Sep 2018 10:43
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 17 02:11:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	671270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	924620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	833965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	422395	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	313390	41.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.90%	
35) Dibromofluoromethane	7.59	113	314760	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	
50) Toluene-d8	10.09	98	1169293	44.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.70%	
62) 4-Bromofluorobenzene	12.40	95	387961	44.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	302853	46.78	ug/l	98
3) Chloromethane	2.06	50	390398	46.66	ug/l	98
4) Vinyl Chloride	2.18	62	390070	43.90	ug/l	98
5) Bromomethane	2.56	94	218297	43.41	ug/l	100
6) Chloroethane	2.70	64	234573	42.77	ug/l	99
7) Trichlorofluoromethane	3.01	101	533540	45.31	ug/l	99
8) Diethyl Ether	3.41	74	183003	42.26	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	338825	44.64	ug/l	99
10) Methyl Iodide	3.95	142	282676	40.97	ug/l	98
11) Tert butyl alcohol	4.79	59	87345	153.08	ug/l	99
12) 1,1-Dichloroethene	3.73	96	311065	43.44	ug/l	99
13) Acrolein	3.61	56	158083	229.22	ug/l	97
14) Allyl chloride	4.32	41	474814	43.52	ug/l	100
15) Acrylonitrile	4.99	53	499767	197.67	ug/l	99
16) Acetone	3.82	43	519908	282.23	ug/l	99
17) Carbon Disulfide	4.05	76	948333	44.95	ug/l	99
18) Methyl Acetate	4.33	43	226122	37.80	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	794341	41.97	ug/l	99
20) Methylene Chloride	4.55	84	351057	42.54	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	335413	43.19	ug/l	100
22) Diisopropyl ether	5.95	45	968634	44.73	ug/l	96
23) Vinyl Acetate	5.90	43	3197806	218.21	ug/l	100
24) 1,1-Dichloroethane	5.85	63	596542	43.42	ug/l	99
25) 2-Butanone	6.84	43	617909	210.38	ug/l	99
26) 2,2-Dichloropropane	6.82	77	498327	44.31	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	370838	43.52	ug/l	100
28) Bromochloromethane	7.19	49	253521	41.46	ug/l	99
29) Tetrahydrofuran	7.21	42	350658	191.19	ug/l	99
30) Chloroform	7.37	83	603064	44.12	ug/l	100
31) Cyclohexane	7.65	56	551056	44.96	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	516395	44.34	ug/l	99
36) 1,1-Dichloropropene	7.79	75	471304	46.43	ug/l	100
37) Ethyl Acetate	6.93	43	242164	41.19	ug/l	99
38) Carbon Tetrachloride	7.77	117	474987	47.54	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	554914	49.54	ug/l	100
40) Benzene	8.04	78	1410951	46.12	ug/l	99
41) Methacrylonitrile	7.17	41	123003	40.55	ug/l	97
42) 1,2-Dichloroethane	8.12	62	405023	45.43	ug/l	99
43) Isopropyl Acetate	8.16	43	442882	42.69	ug/l #	88
44) Trichloroethene	8.83	130	383086	45.79	ug/l	99
45) 1,2-Dichloropropane	9.12	63	358648	45.37	ug/l	98
46) Dibromomethane	9.21	93	210203	43.59	ug/l	100
47) Bromodichloromethane	9.40	83	459963	46.91	ug/l	98
48) Methyl methacrylate	9.20	41	216828	42.89	ug/l	99
49) 1,4-Dioxane	9.20	88	55192	696.20	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1174526	204.73	ug/l	100
52) Toluene	10.16	92	883143	47.35	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	457233	46.59	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	545285	47.39	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	303810	44.84	ug/l	100
56) Ethyl methacrylate	10.43	69	367759	40.91	ug/l	100
57) 1,3-Dichloropropane	10.71	76	501229	44.62	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	731123	194.85	ug/l	99
59) 2-Hexanone	10.75	43	839917	215.88	ug/l	99
60) Dibromochloromethane	10.90	129	358369	46.92	ug/l	99
61) 1,2-Dibromoethane	11.01	107	298312	45.04	ug/l	100
64) Tetrachloroethene	10.63	164	353959	46.51	ug/l	99
65) Chlorobenzene	11.43	112	960570	45.69	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	360740	47.66	ug/l	99
67) Ethyl Benzene	11.51	91	1650702	48.49	ug/l	100
68) m/p-Xylenes	11.62	106	1296863	99.15	ug/l	99
69) o-Xylene	11.95	106	614966	48.55	ug/l	99
70) Styrene	11.96	104	980135	49.88	ug/l	99
71) Bromoform	12.13	173	240922	45.21	ug/l #	100
73) Isopropylbenzene	12.25	105	1632169	46.08	ug/l	100
74) N-amyl acetate	12.07	43	339749	38.11	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	359772	44.08	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	421579	64.82	ug/l #	100
77) Bromobenzene	12.53	156	413755	43.49	ug/l	97
78) n-propylbenzene	12.59	91	1829512	46.99	ug/l	100
79) 2-Chlorotoluene	12.67	91	1090120	44.79	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1346496	47.02	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	90308	40.60	ug/l	100
82) 4-Chlorotoluene	12.77	91	1080716	44.74	ug/l	100
83) tert-Butylbenzene	12.99	119	1167566	46.18	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1369354	48.63	ug/l	100
85) sec-Butylbenzene	13.17	105	1528608	47.14	ug/l	100
86) p-Isopropyltoluene	13.29	119	1351390	49.15	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	713290	44.19	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	678521	45.78	ug/l	100
89) n-Butylbenzene	13.61	91	1037457	48.48	ug/l	99
90) Hexachloroethane	13.87	117	243448	48.62	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	675744	42.96	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	47190	39.15	ug/l	99

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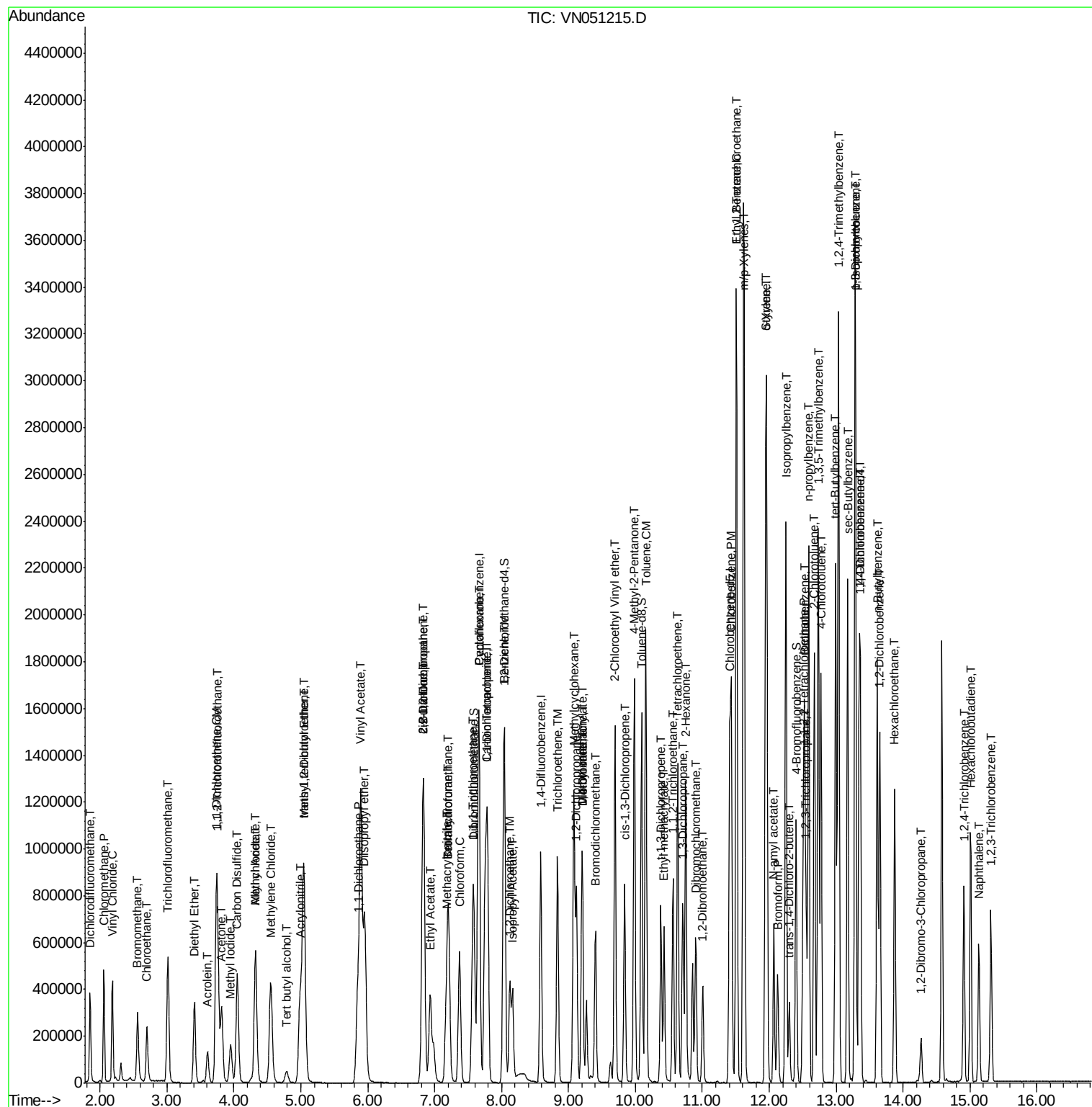
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	294871	39.68	ug/l	98
94) Hexachlorobutadiene	15.01	225	235475	51.42	ug/l	100
95) Naphthalene	15.13	128	520562	34.62	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	282344	39.54	ug/l	99

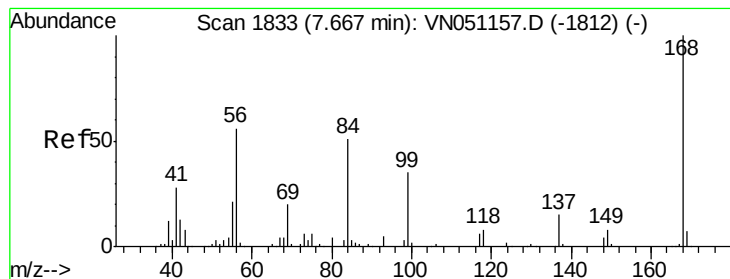
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Instrument :

MSVOA_N

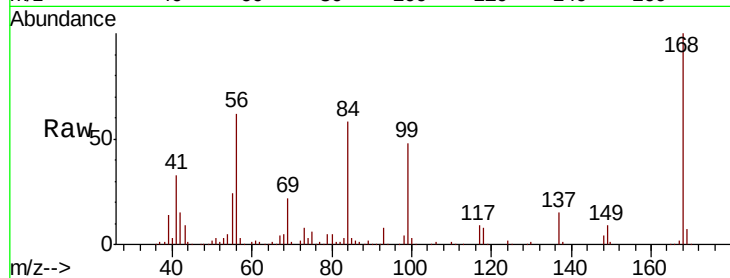
ClientSampleId :

Tot Ion:168 Resp: 671270

Ion Ratio Lower Upper

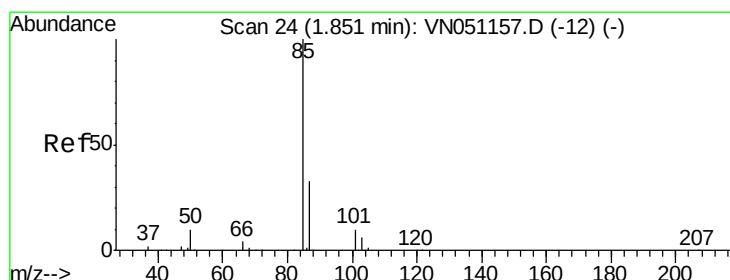
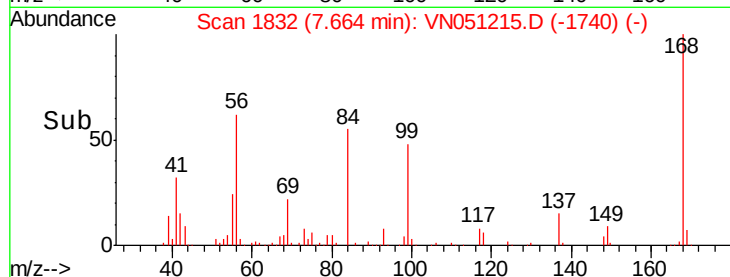
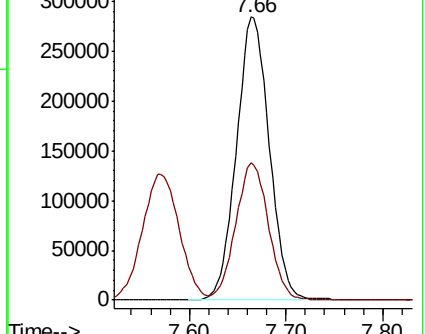
168 100

99 48.2 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 46.78 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051215.D

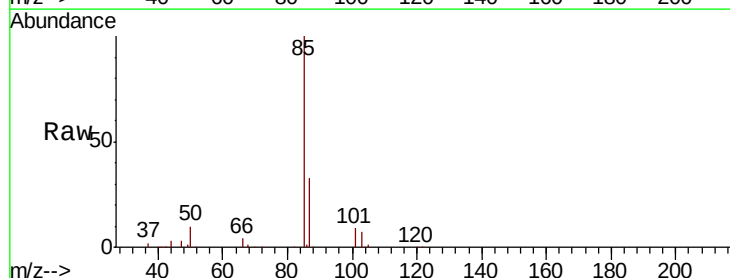
Acq: 15 Sep 2018 10:43

Tgt Ion: 85 Resp: 302853

Ion Ratio Lower Upper

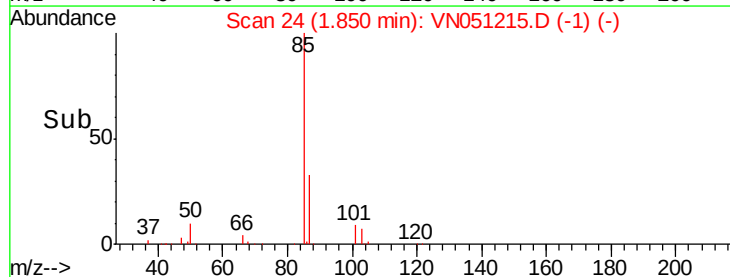
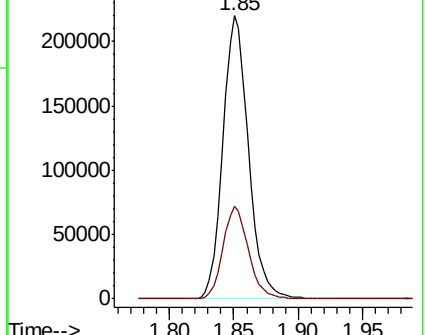
85 100

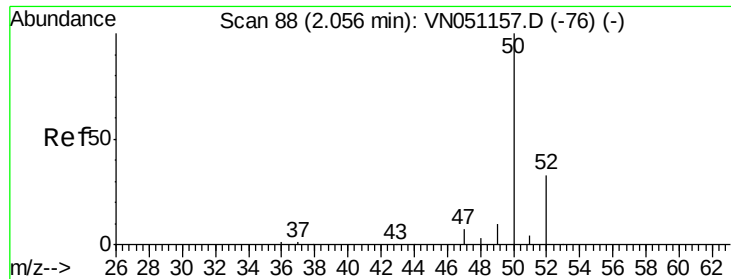
87 32.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 46.66 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Instrument :

MSVOA_N

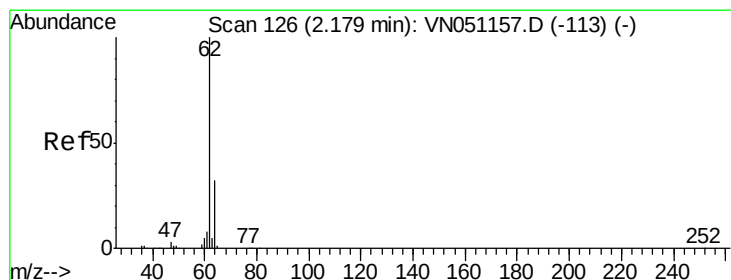
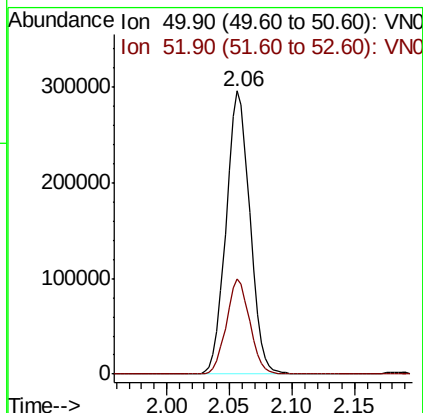
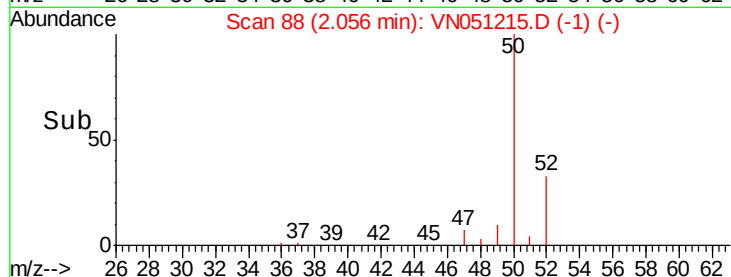
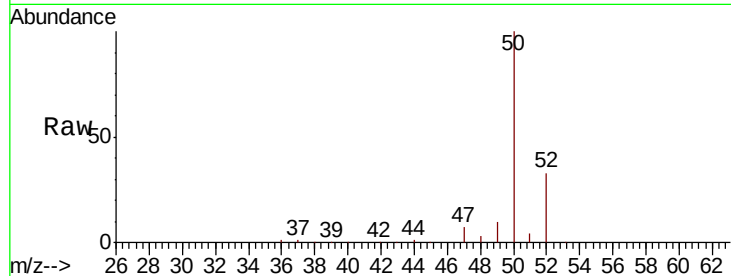
ClientSampled :

Tot Ion: 50 Resp: 390398

Ion Ratio Lower Upper

50 100

52 33.4 26.0 39.0



#4

Vinyl Chloride

Concen: 43.90 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN051215.D

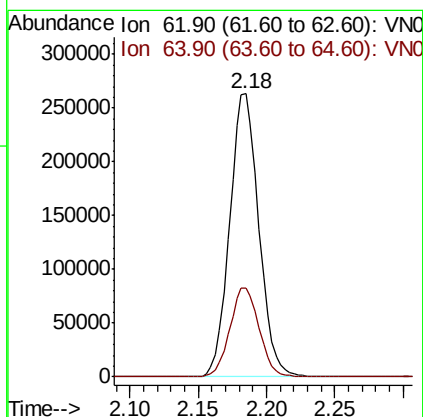
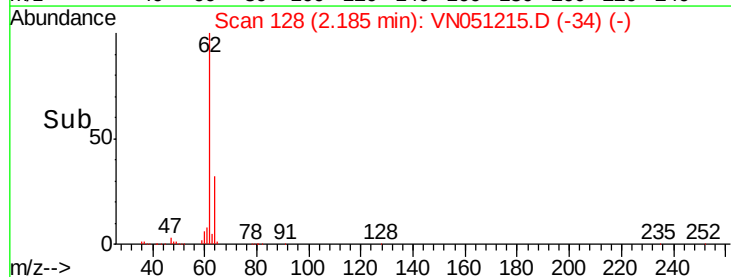
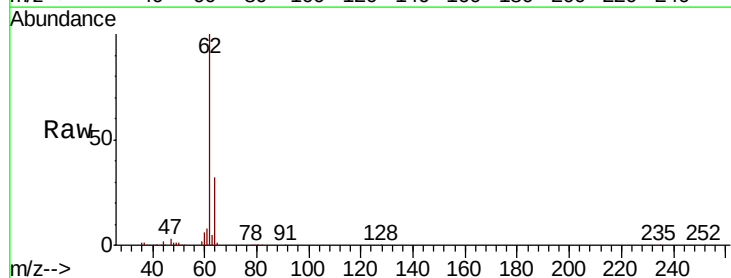
Acq: 15 Sep 2018 10:43

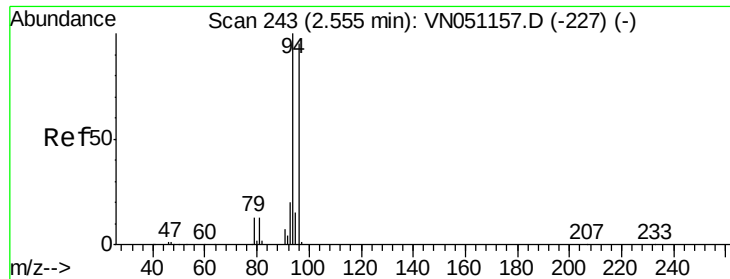
Tgt Ion: 62 Resp: 390070

Ion Ratio Lower Upper

62 100

64 31.5 26.2 39.4





#5

Bromomethane

Concen: 43.41 ug/l

RT: 2.56 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Instrument :

MSVOA_N

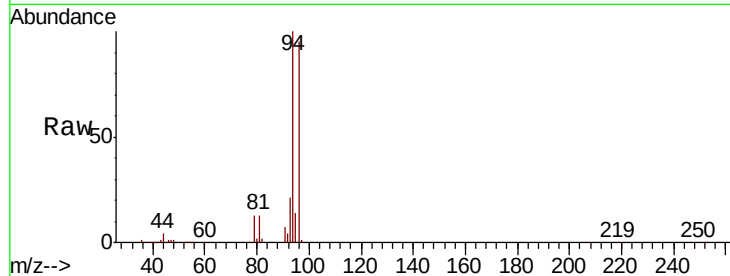
ClientSampleId :

Tot Ion: 94 Resp: 218297

Ion Ratio Lower Upper

94 100

96 95.2 75.9 113.9

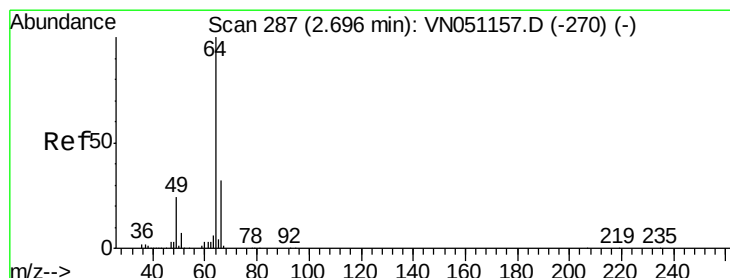
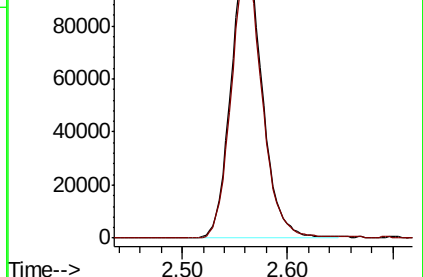
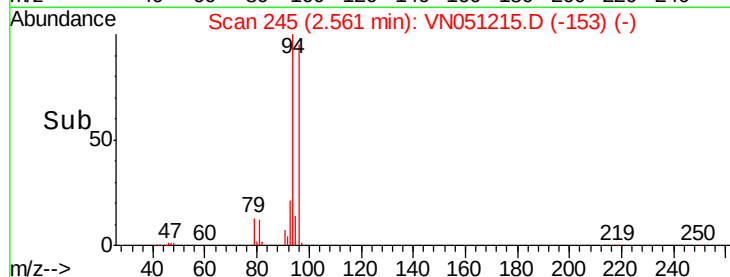


Abundance Ion 93.90 (93.60 to 94.60): VN051157.D (-227) (-)

Ion 95.90 (95.60 to 96.60): VN051157.D (-227) (-)

2.56

Time-->



#6

Chloroethane

Concen: 42.77 ug/l

RT: 2.70 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN051215.D

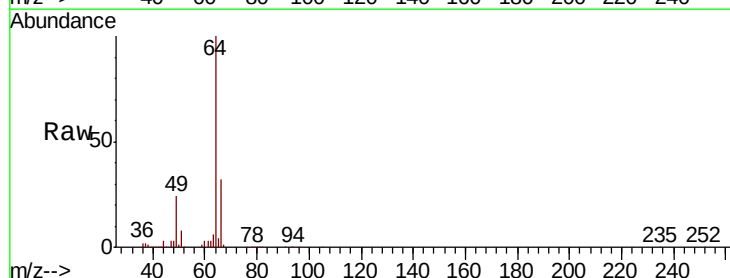
Acq: 15 Sep 2018 10:43

Tgt Ion: 64 Resp: 234573

Ion Ratio Lower Upper

64 100

66 32.1 26.1 39.1

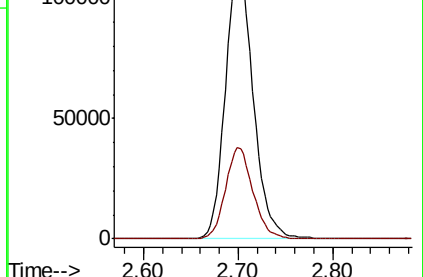
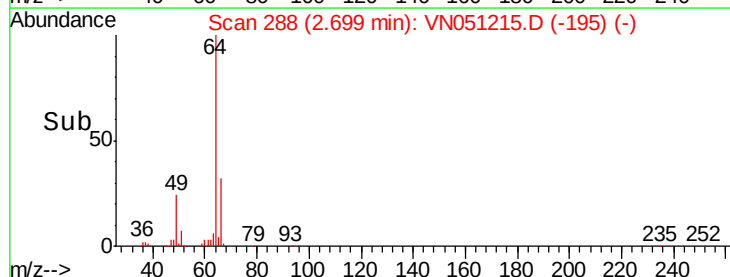


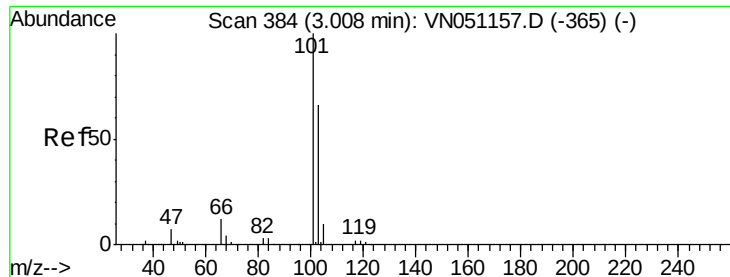
Abundance Ion 63.90 (63.60 to 64.60): VN051157.D (-270) (-)

Ion 65.90 (65.60 to 66.60): VN051157.D (-270) (-)

2.70

Time-->



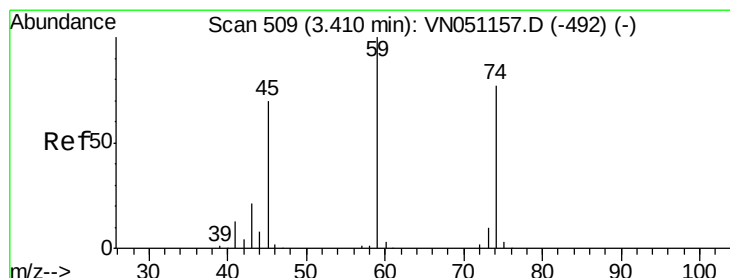
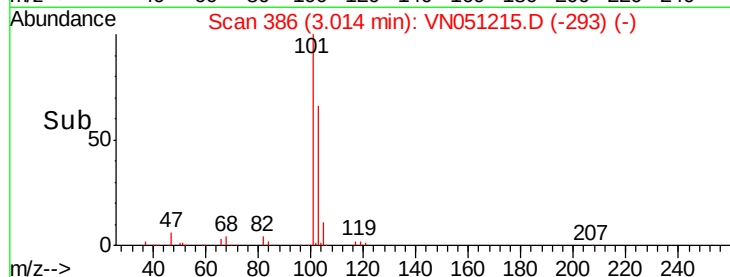
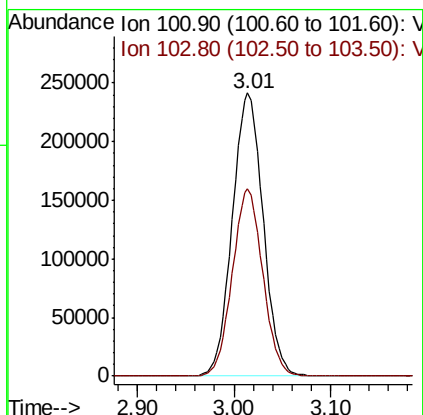
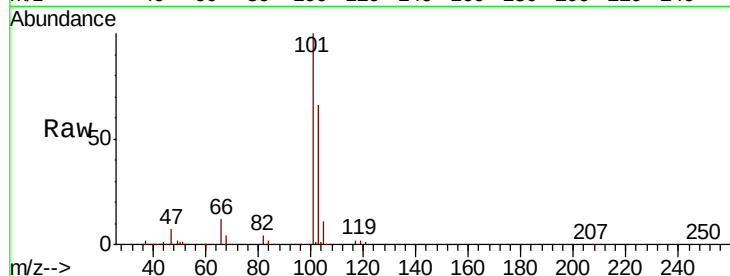


#7

Trichlorofluoromethane
 Concen: 45.31 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN051215.D
 Acq: 15 Sep 2018 10:43

Instrument :
 MSVOA_N
 ClientSampled :

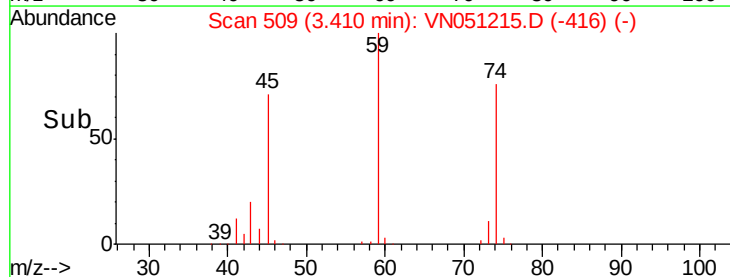
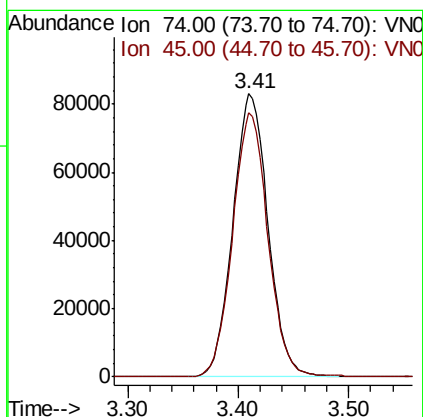
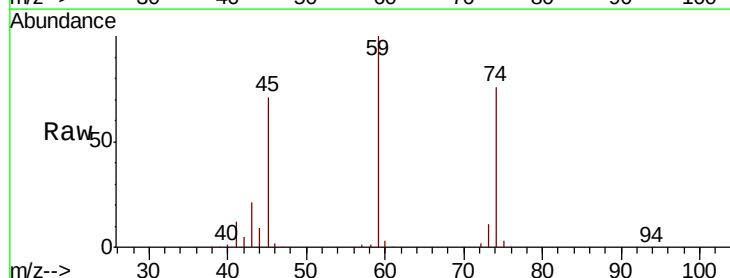
Tot Ion:101 Resp: 533540
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.4 78.6

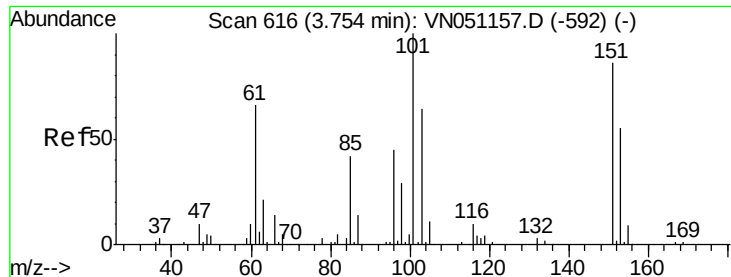


#8

Diethyl Ether
 Concen: 42.26 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051215.D
 Acq: 15 Sep 2018 10:43

Tgt Ion: 74 Resp: 183003
 Ion Ratio Lower Upper
 74 100
 45 92.9 46.7 140.0

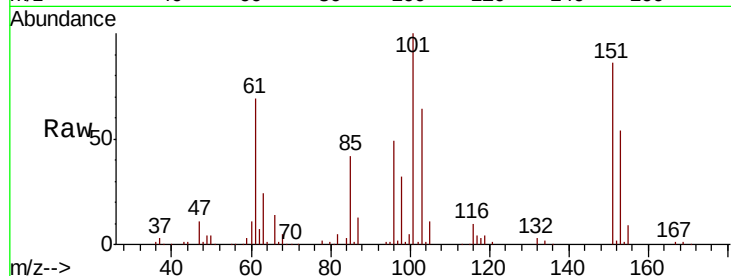




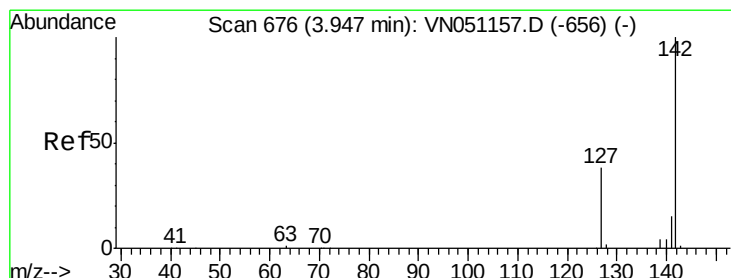
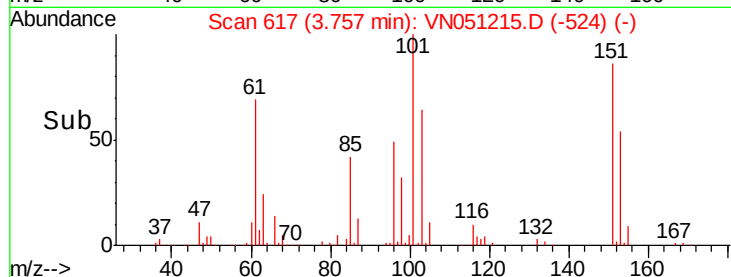
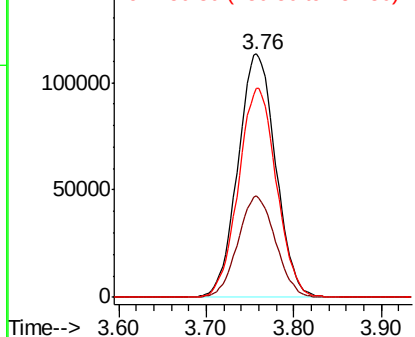
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 44.64 ug/l
 RT: 3.76 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: VN051215.D
 Acq: 15 Sep 2018 10:43

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:101 Resp: 338825
 Ion Ratio Lower Upper
 101 100
 85 41.4 33.3 49.9
 151 86.6 68.2 102.2

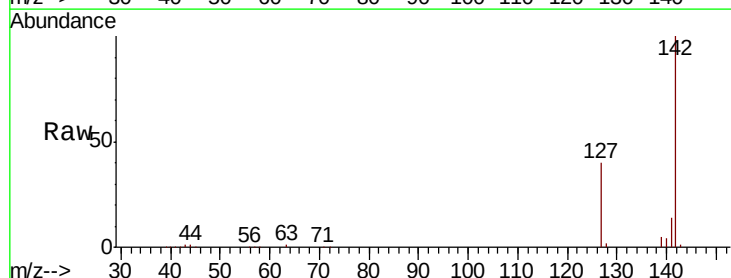


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

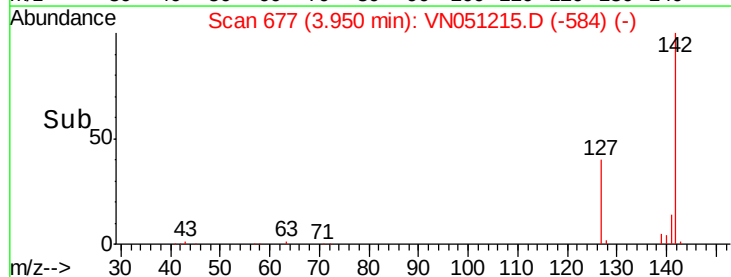
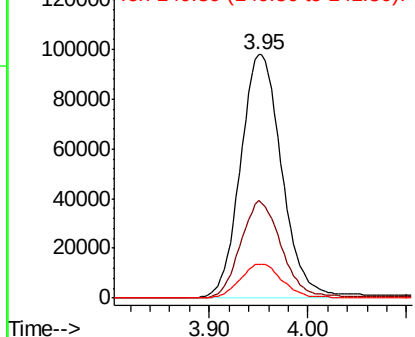


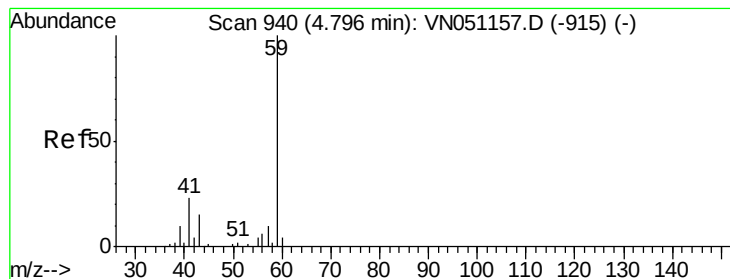
#10
 Methyl Iodide
 Concen: 40.97 ug/l
 RT: 3.95 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VN051215.D
 Acq: 15 Sep 2018 10:43

Tgt Ion:142 Resp: 282676
 Ion Ratio Lower Upper
 142 100
 127 40.0 31.0 46.4
 141 14.4 11.3 16.9



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



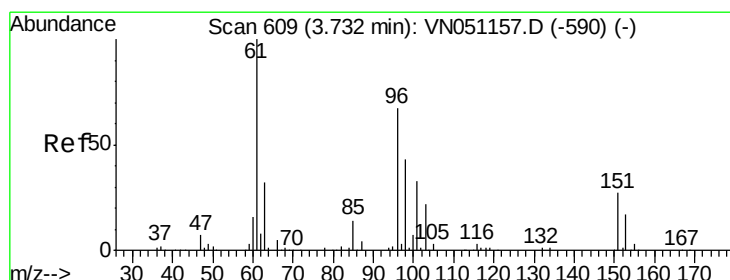
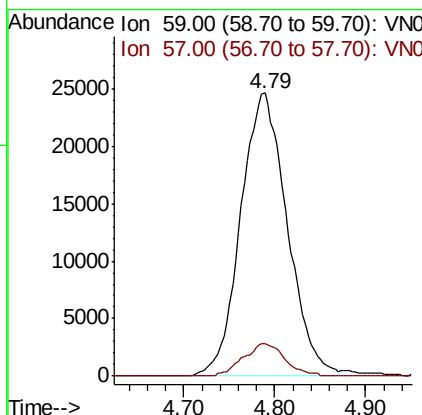
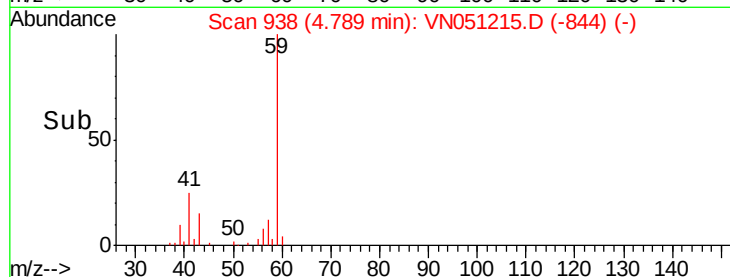
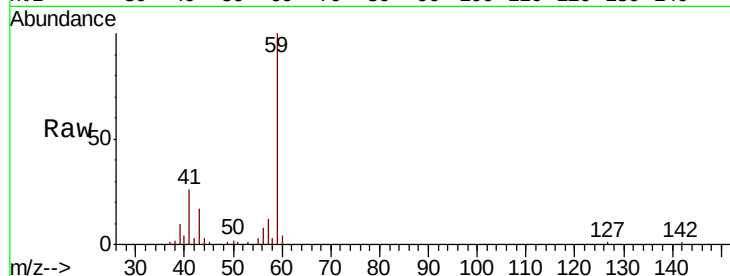


#11

Tert butyl alcohol
Concen: 153.08 ug/l
RT: 4.79 min Scan# 938
Delta R.T. 0.00 min
Lab File: VN051215.D
Acq: 15 Sep 2018 10:43

Instrument :
MSVOA_N
ClientSampled :

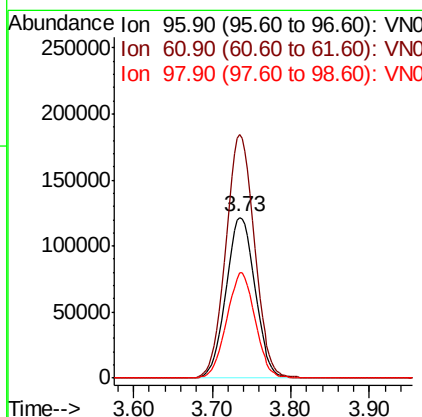
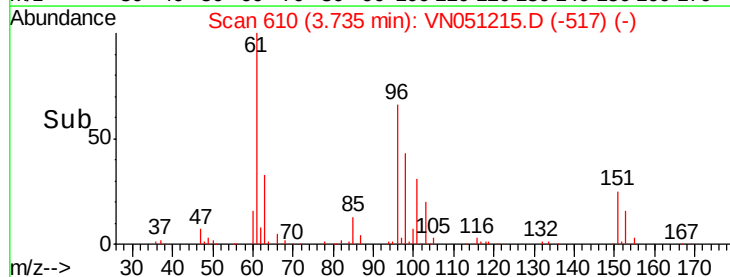
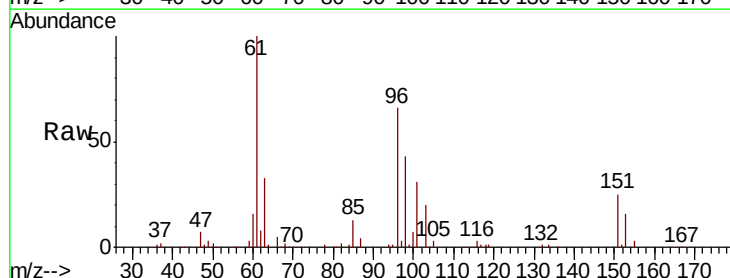
Tot Ion: 59 Resp: 87345
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1

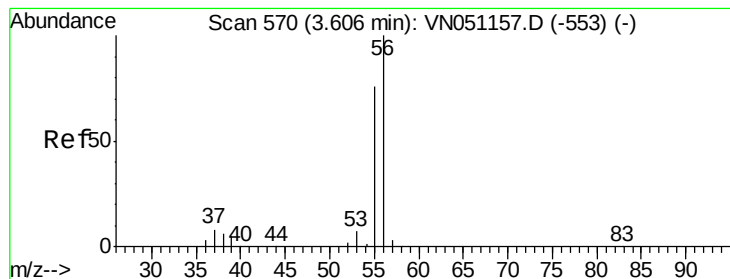


#12

1,1-Dichloroethene
Concen: 43.44 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.00 min
Lab File: VN051215.D
Acq: 15 Sep 2018 10:43

Tgt Ion: 96 Resp: 311065
Ion Ratio Lower Upper
96 100
61 151.2 120.3 180.5
98 65.2 50.8 76.2





#13

Acrolein

Concen: 229.22 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

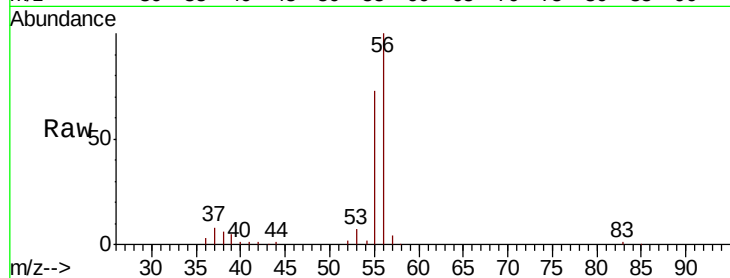
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 158083

Ion Ratio Lower Upper

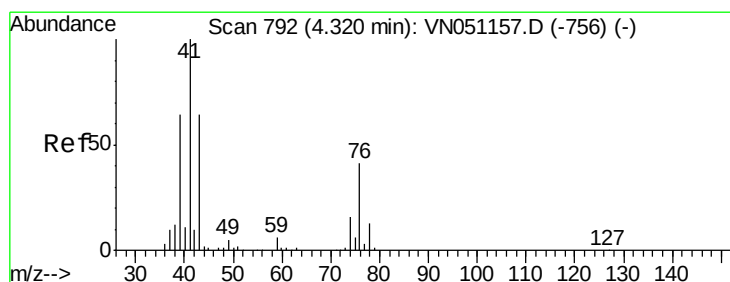
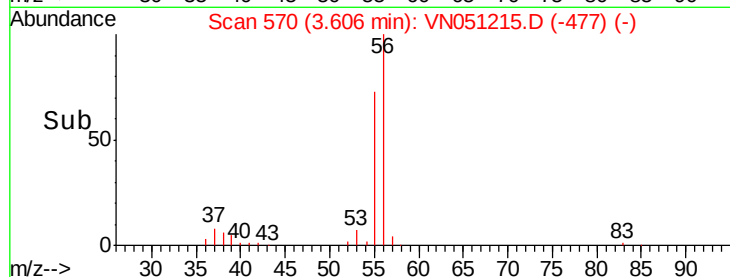
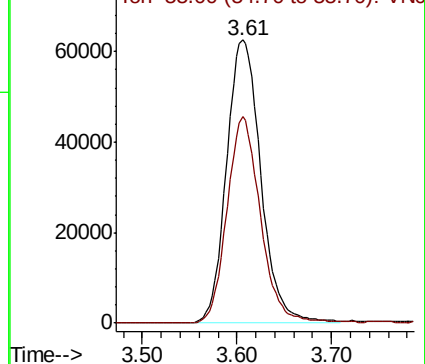
56 100

55 70.3 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 43.52 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

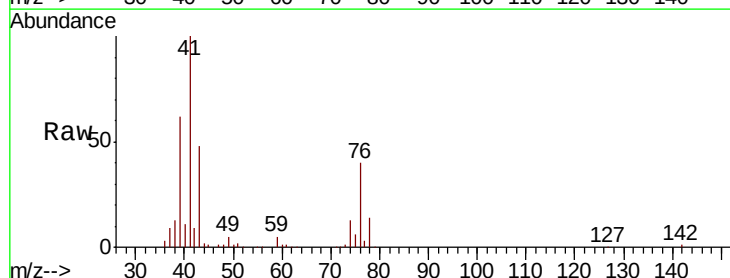
Tgt Ion: 41 Resp: 474814

Ion Ratio Lower Upper

41 100

39 60.8 48.8 73.2

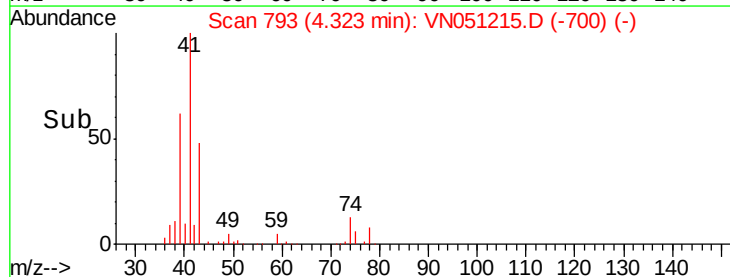
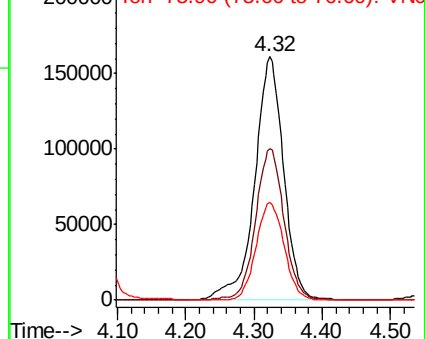
76 38.5 30.6 45.8

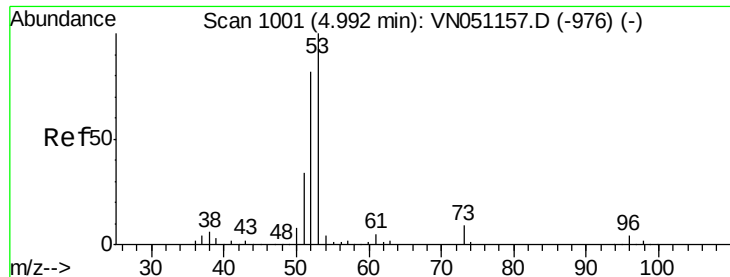


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 197.67 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Instrument :

MSVOA_N

ClientSampleId :

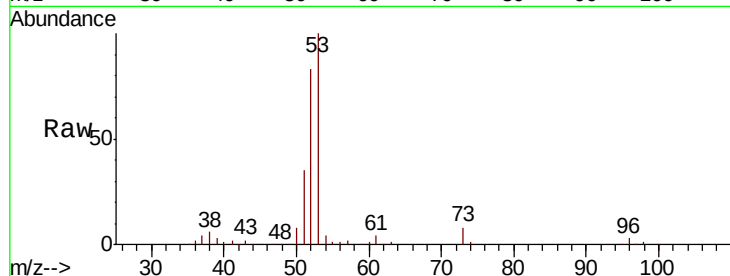
Tot Ion: 53 Resp: 499767

Ion Ratio Lower Upper

53 100

52 82.0 65.3 97.9

51 35.7 28.2 42.2

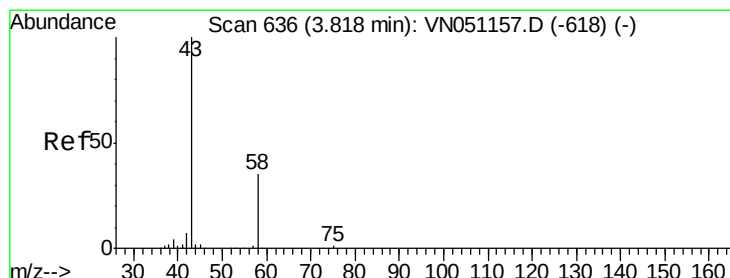
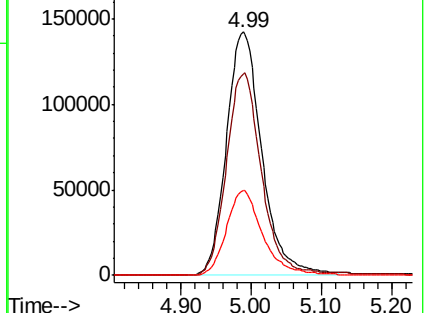
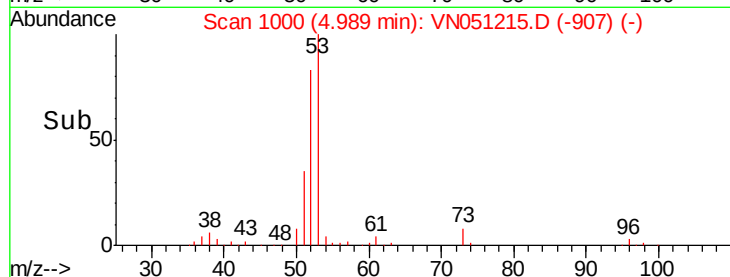


Abundance Ion 53.00 (52.70 to 53.70): VN051157.D (-976) (-)

Ion 52.00 (51.70 to 52.70): VN051157.D (-976) (-)

Ion 51.00 (50.70 to 51.70): VN051157.D (-976) (-)

Time-->



#16

Acetone

Concen: 282.23 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN051215.D

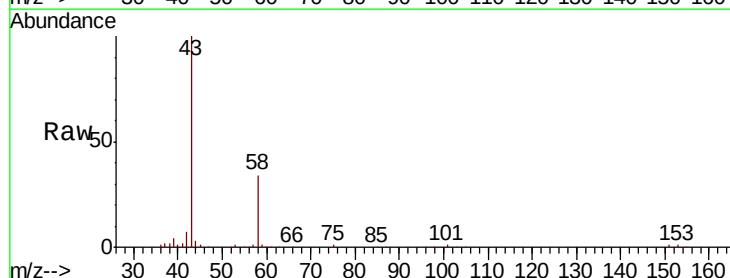
Acq: 15 Sep 2018 10:43

Tgt Ion: 43 Resp: 519908

Ion Ratio Lower Upper

43 100

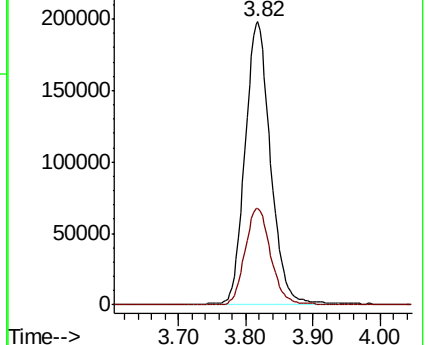
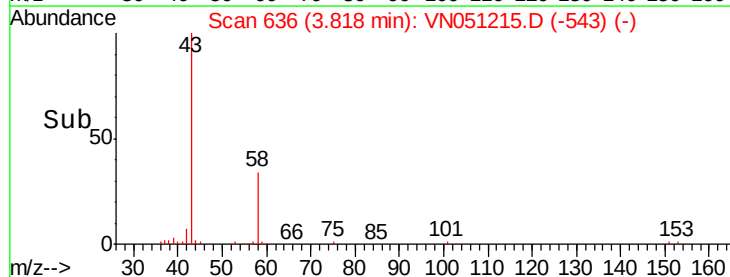
58 34.0 27.8 41.6

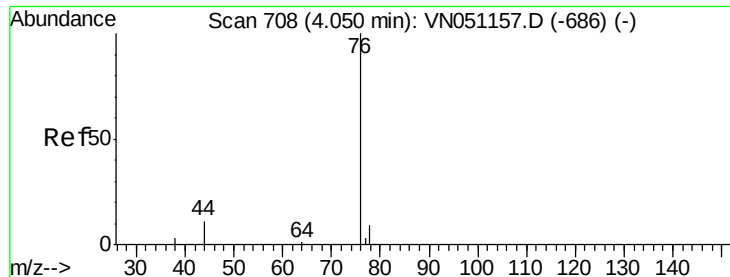


Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-618) (-)

Ion 58.00 (57.70 to 58.70): VN051157.D (-618) (-)

Time-->





#17

Carbon Disulfide

Concen: 44.95 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Instrument :

MSVOA_N

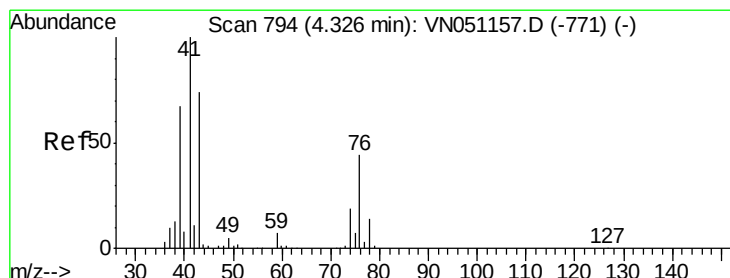
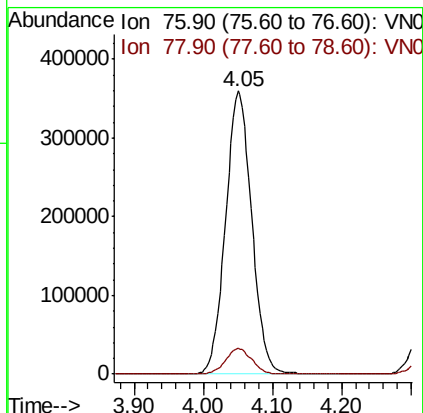
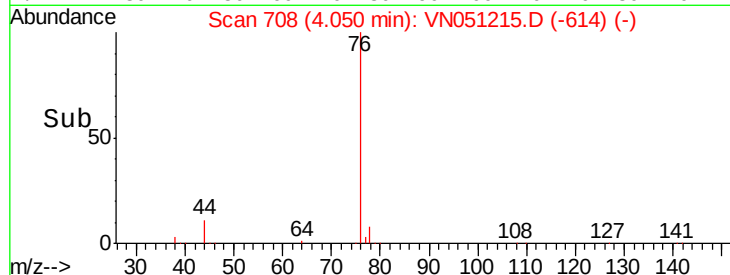
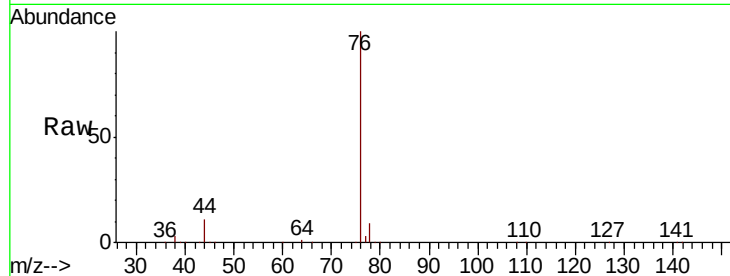
ClientSampled :

Tot Ion: 76 Resp: 948333

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6



#18

Methyl Acetate

Concen: 37.80 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN051215.D

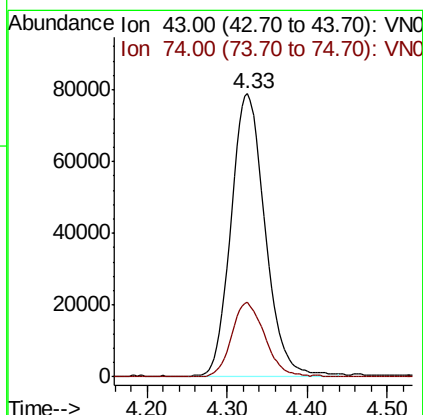
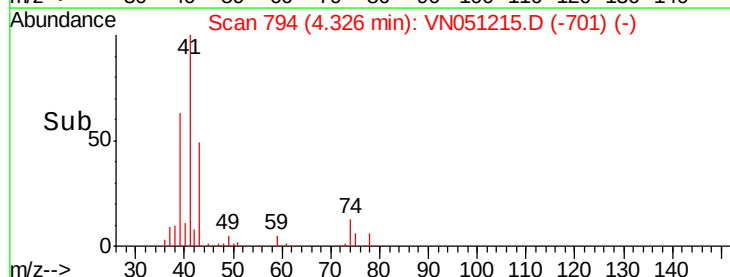
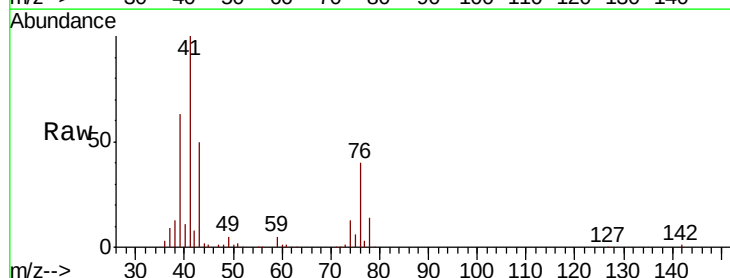
Acq: 15 Sep 2018 10:43

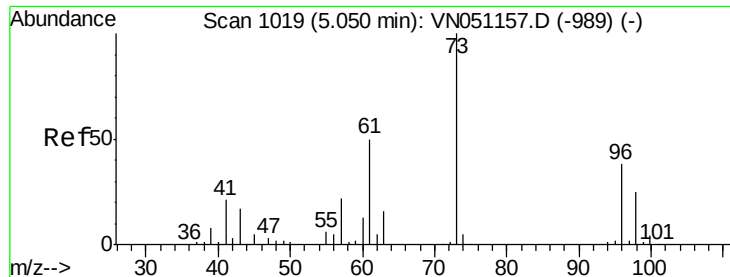
Tgt Ion: 43 Resp: 226122

Ion Ratio Lower Upper

43 100

74 25.8 20.7 31.1





#19

Methyl tert-butyl Ether

Concen: 41.97 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Instrument :

MSVOA_N

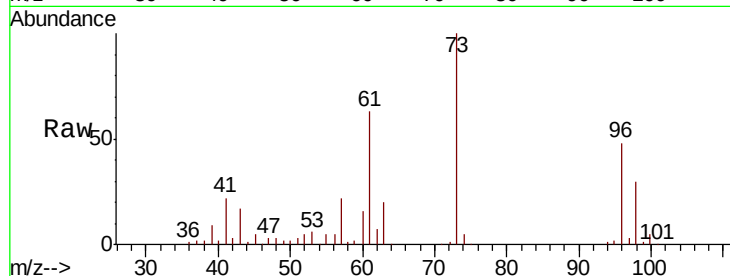
ClientSampled :

Tot Ion: 73 Resp: 794341

Ion Ratio Lower Upper

73 100

57 22.0 17.9 26.9



Abundance Ion 73.00 (72.70 to 73.70): VN051157.D (-989) (-)

Ion 57.00 (56.70 to 57.70): VN051157.D (-989) (-)

5.05

200000

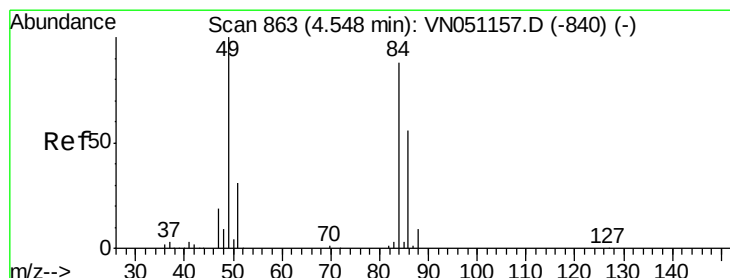
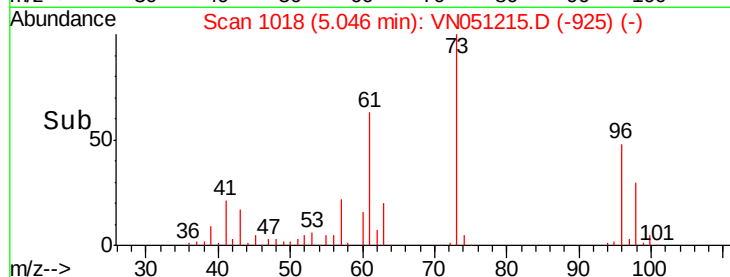
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 42.54 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Tgt Ion: 84 Resp: 351057

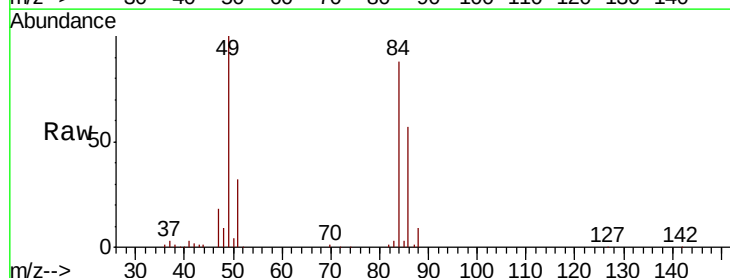
Ion Ratio Lower Upper

84 100

49 114.1 90.2 135.2

51 36.4 28.4 42.6

86 65.0 51.8 77.8



Abundance Ion 83.90 (83.60 to 84.60): VN051157.D (-840) (-)

Ion 48.90 (48.60 to 49.60): VN051157.D (-840) (-)

Ion 50.90 (50.60 to 51.60): VN051157.D (-840) (-)

Ion 85.90 (85.60 to 86.60): VN051157.D (-840) (-)

200000

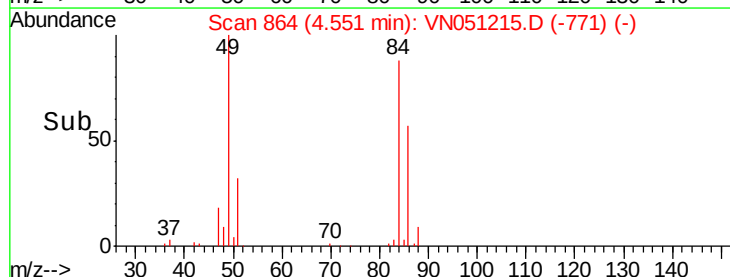
150000

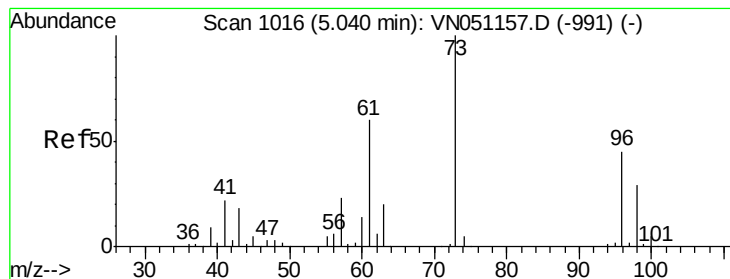
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 43.19 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Instrument :
MSVOA_N
ClientSampled :

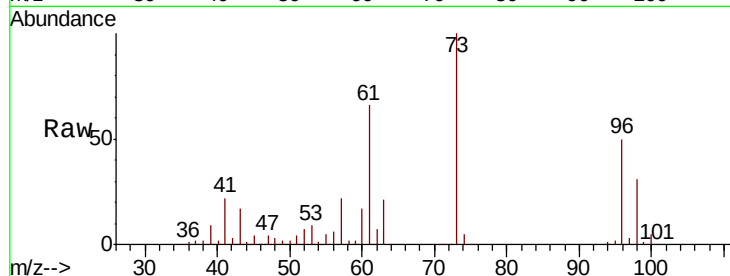
Tot Ion: 96 Resp: 335413

Ion Ratio Lower Upper

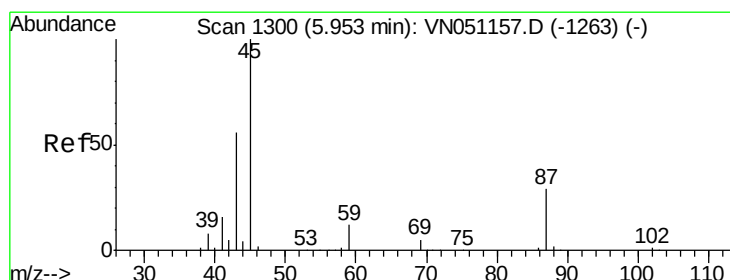
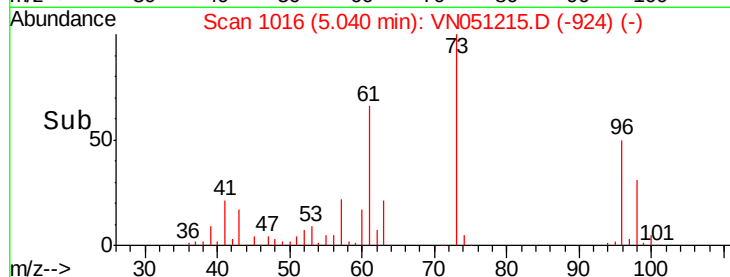
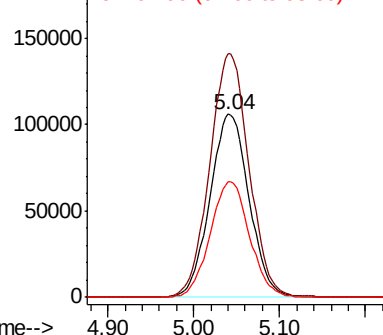
96 100

61 133.0 106.5 159.7

98 62.9 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 44.73 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Tgt Ion: 45 Resp: 968634

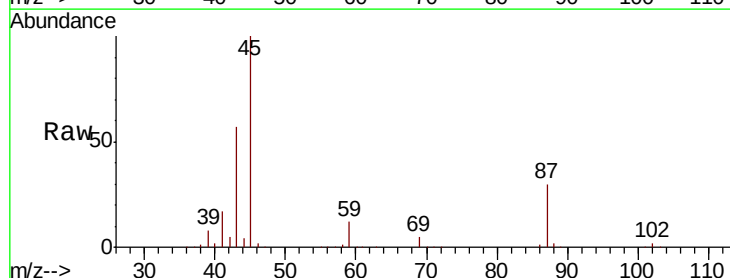
Ion Ratio Lower Upper

45 100

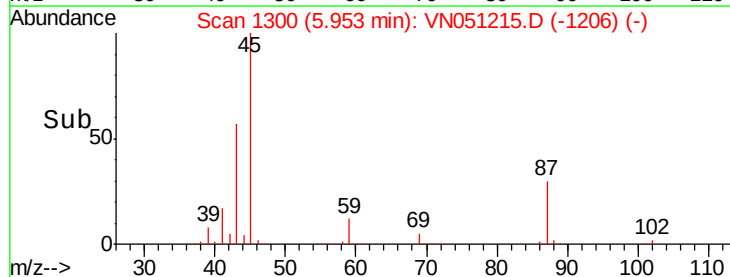
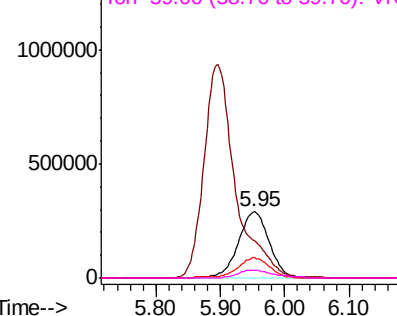
43 55.8 48.8 73.2

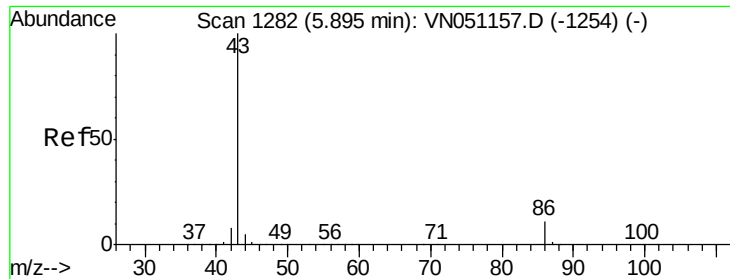
87 30.3 23.8 35.8

59 12.0 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

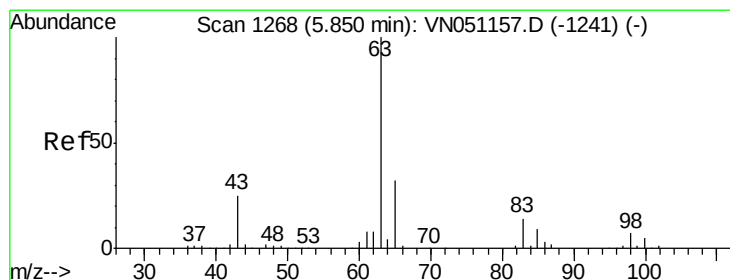
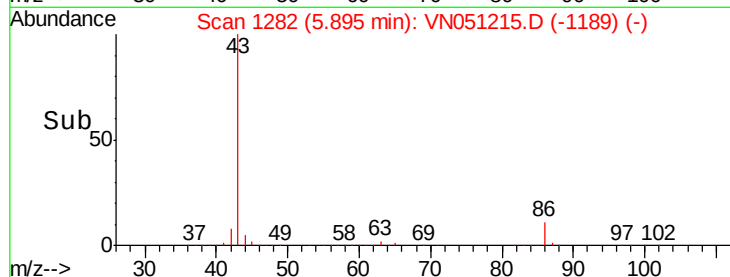
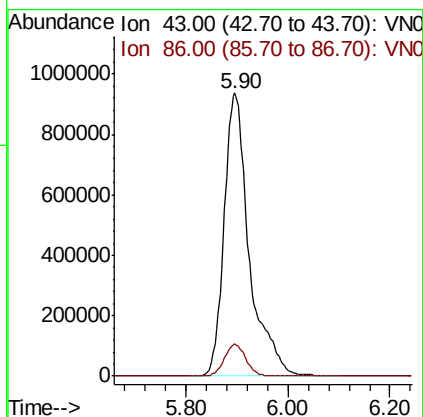
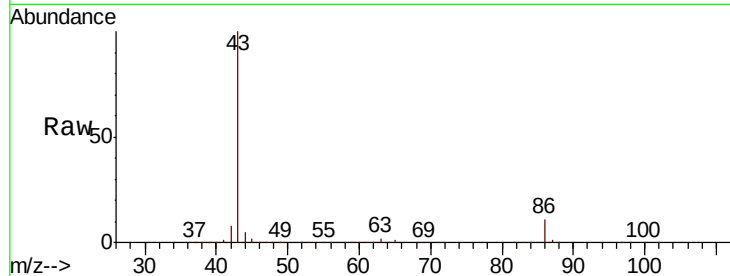




#23
 Vinyl Acetate
 Concen: 218.21 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN051215.D
 Acq: 15 Sep 2018 10:43

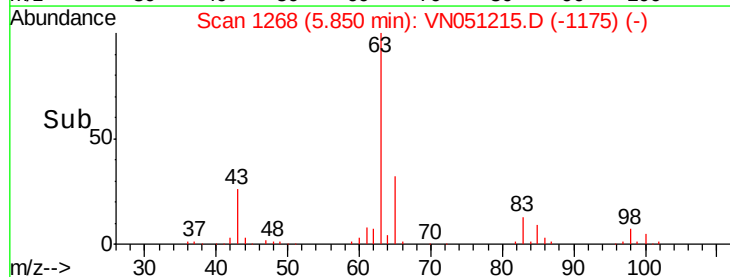
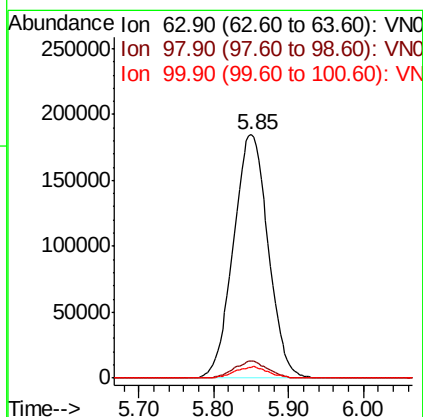
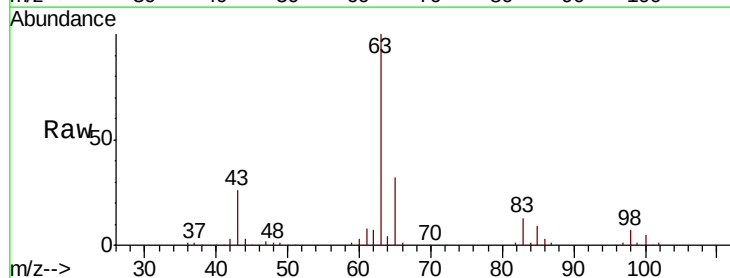
Instrument :
 MSVOA_N
 ClientSampled :

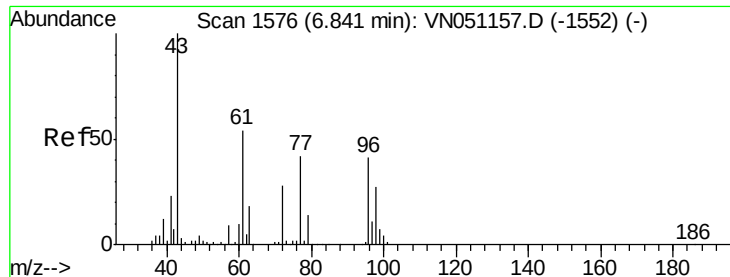
Tot Ion: 43 Resp: 3197806
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 43.42 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN051215.D
 Acq: 15 Sep 2018 10:43

Tgt Ion: 63 Resp: 596542
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 4.5 2.1 6.3





#25

2-Butanone

Concen: 210.38 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Instrument :

MSVOA_N

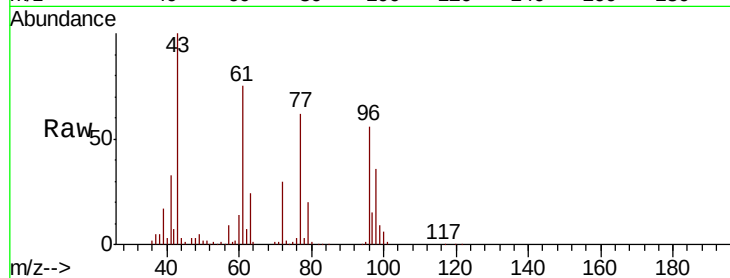
ClientSampled :

Tot Ion: 43 Resp: 617909

Ion Ratio Lower Upper

43 100

72 29.5 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

250000

200000

150000

100000

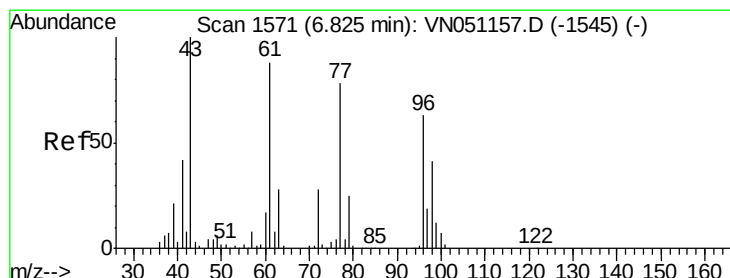
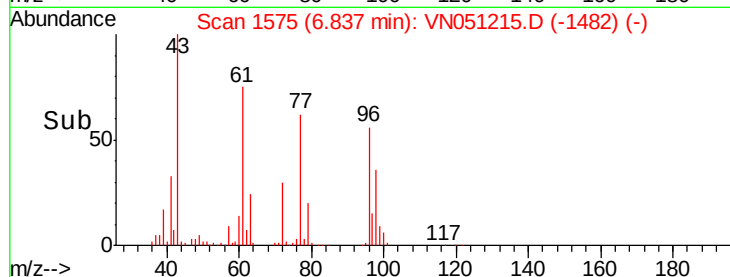
50000

0

6.70 6.80 6.90

6.84

Time-->



#26

2,2-Dichloropropane

Concen: 44.31 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN051215.D

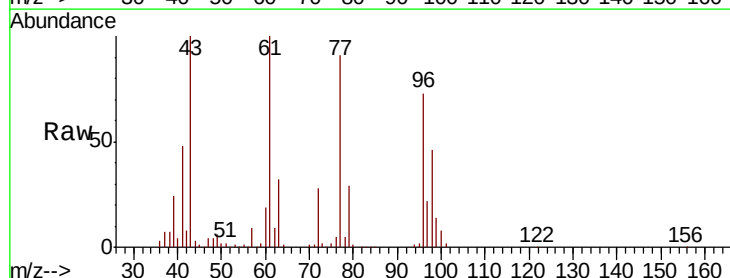
Acq: 15 Sep 2018 10:43

Tgt Ion: 77 Resp: 498327

Ion Ratio Lower Upper

77 100

97 23.8 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

150000

100000

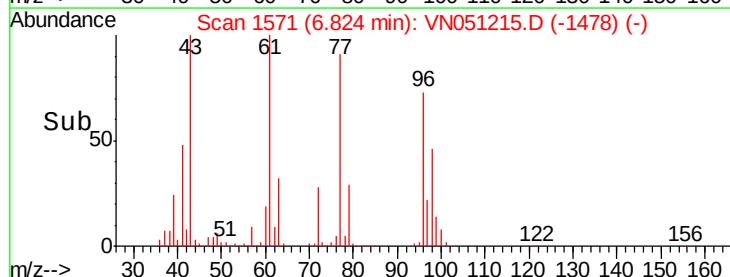
50000

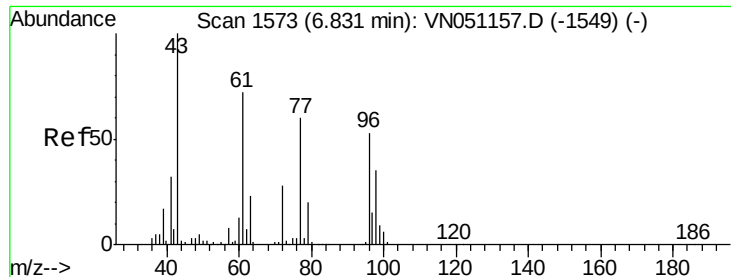
0

6.70 6.80 6.90

6.82

Time-->





#27

cis-1,2-Dichloroethene

Concen: 43.52 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Instrument :
MSVOA_N
ClientSampleId :

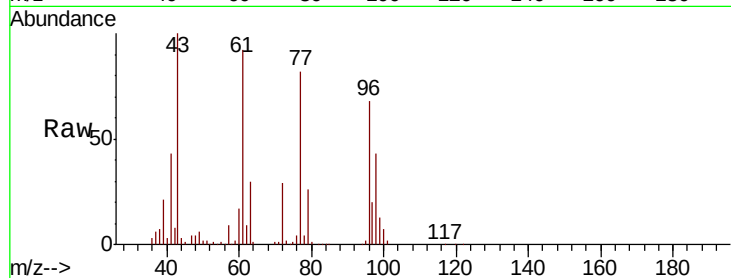
Tot Ion: 96 Resp: 370838

Ion Ratio Lower Upper

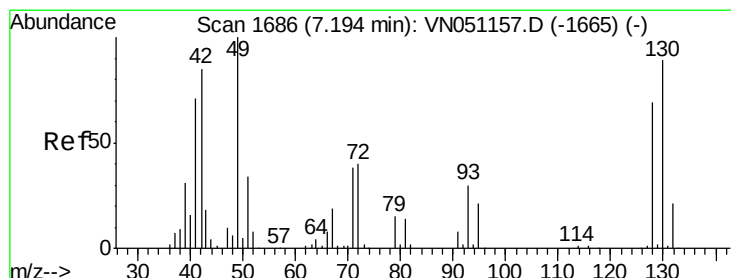
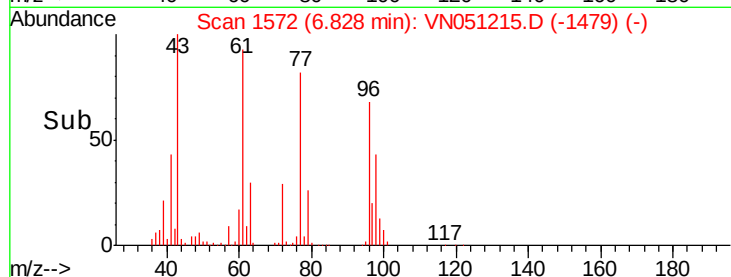
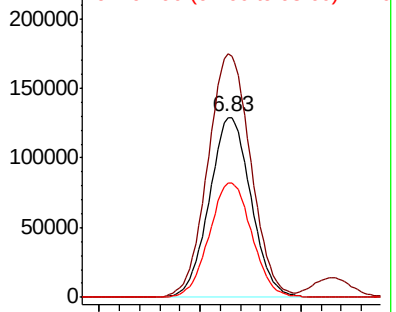
96 100

61 139.6 0.0 278.2

98 64.9 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 41.46 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

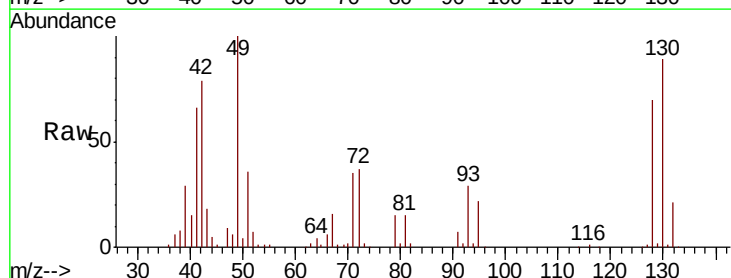
Tgt Ion: 49 Resp: 253521

Ion Ratio Lower Upper

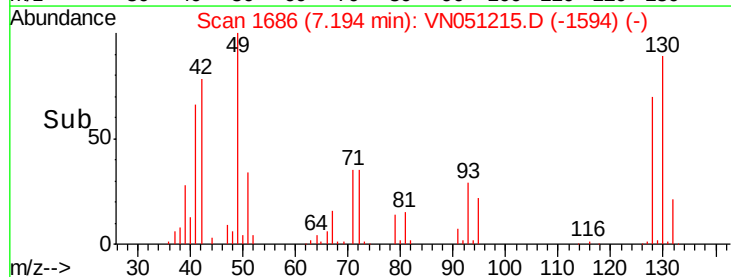
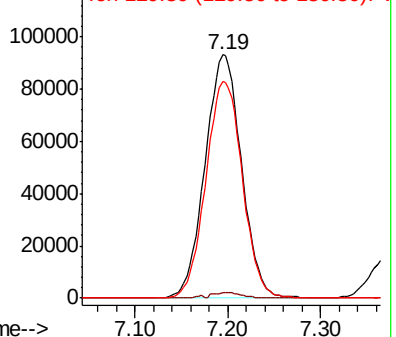
49 100

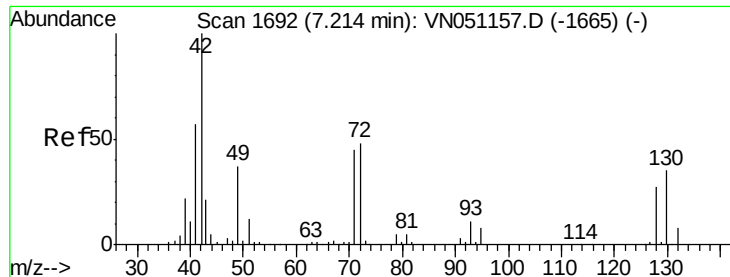
129 1.7 0.0 4.4

130 89.7 70.7 106.1



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

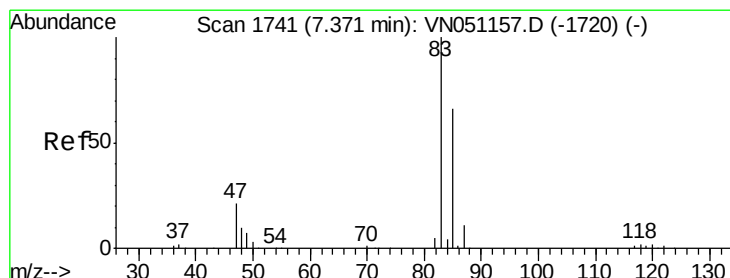
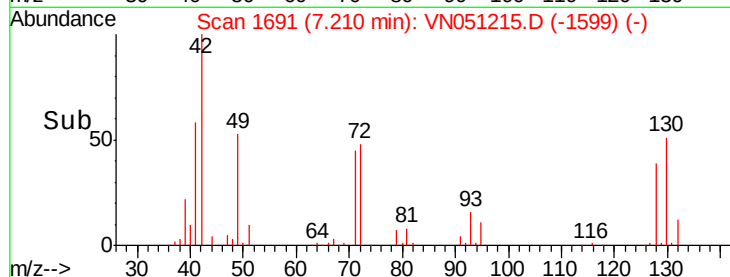
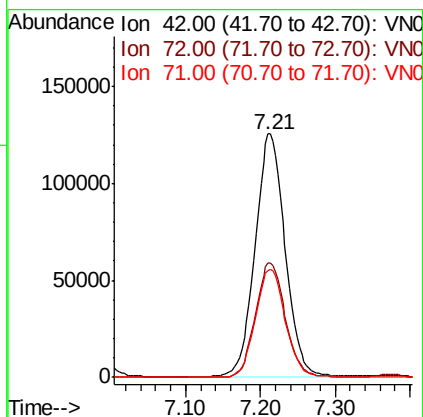
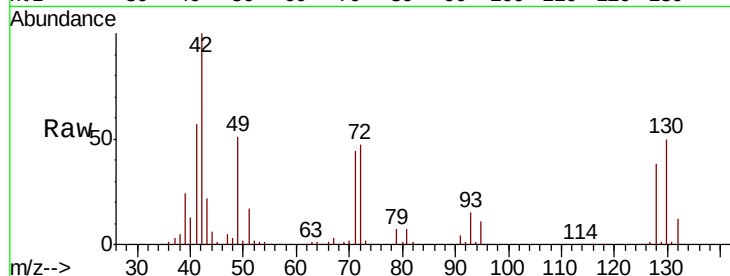




#29
Tetrahydrofuran
Concen: 191.19 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN051215.D
Acq: 15 Sep 2018 10:43

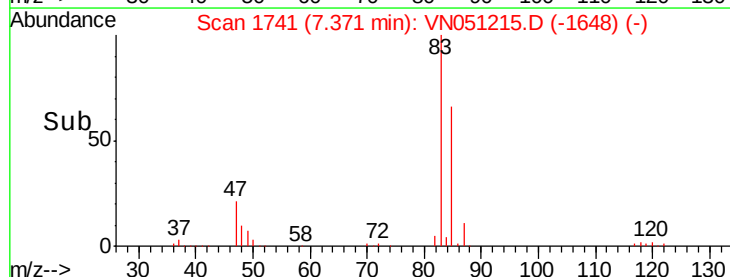
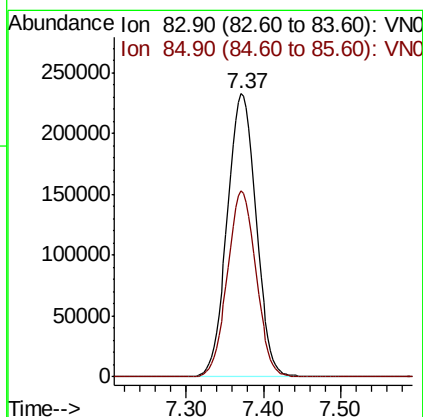
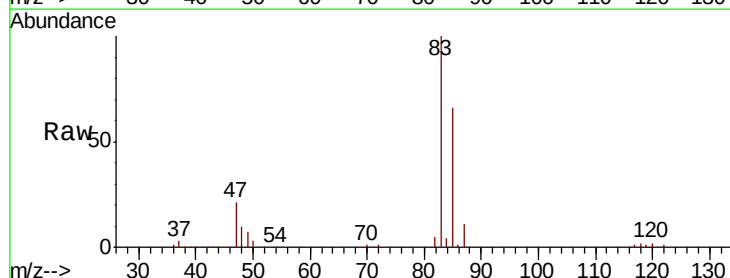
Instrument :
MSVOA_N
ClientSampled :

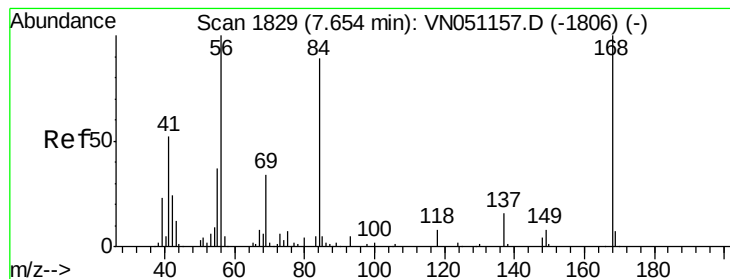
Tot Ion: 42 Resp: 350658
Ion Ratio Lower Upper
42 100
72 46.8 37.4 56.0
71 44.1 34.7 52.1



#30
Chloroform
Concen: 44.12 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051215.D
Acq: 15 Sep 2018 10:43

Tgt Ion: 83 Resp: 603064
Ion Ratio Lower Upper
83 100
85 65.6 52.6 79.0





#31

Cyclohexane

Concen: 44.96 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Instrument :
MSVOA_N
ClientSampled :

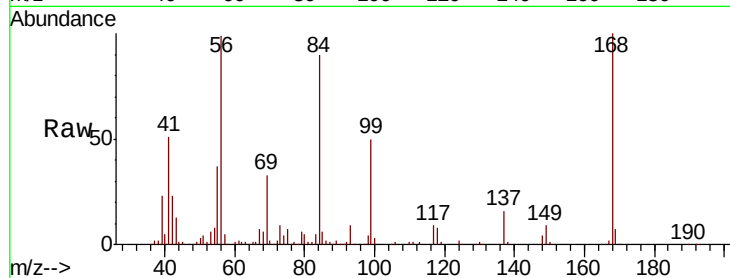
Tot Ion: 56 Resp: 551056

Ion Ratio Lower Upper

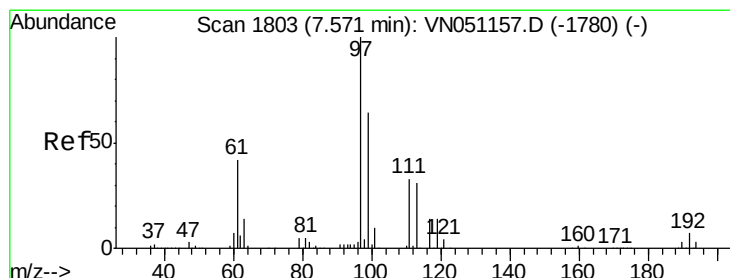
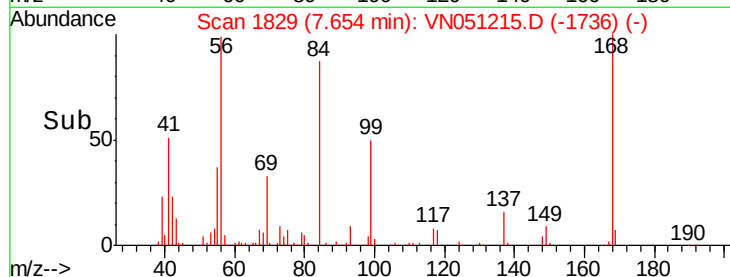
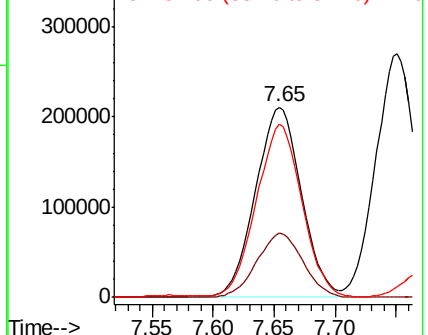
56 100

69 33.6 26.3 39.5

84 90.0 69.4 104.0



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



#32

1,1,1-Trichloroethane

Concen: 44.34 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

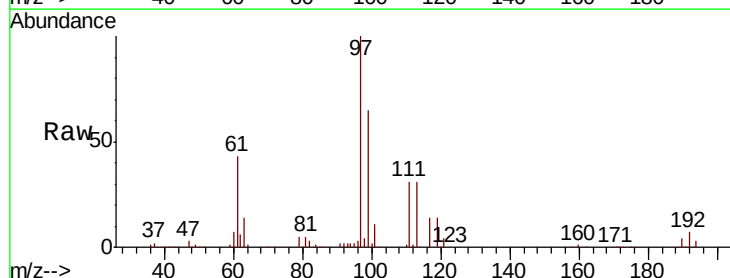
Tgt Ion: 97 Resp: 516395

Ion Ratio Lower Upper

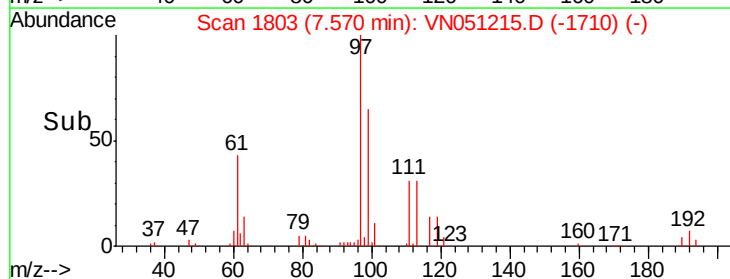
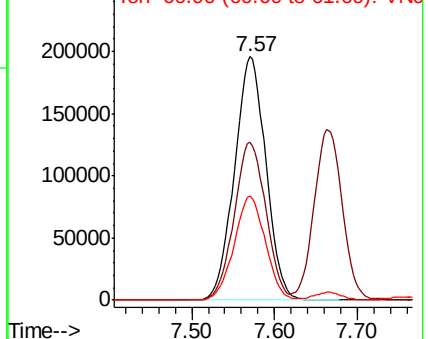
97 100

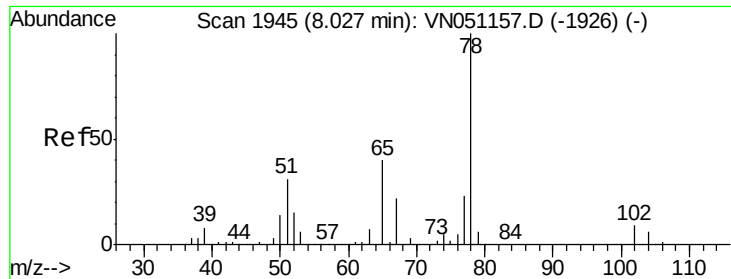
99 65.3 51.6 77.4

61 42.5 33.8 50.6



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

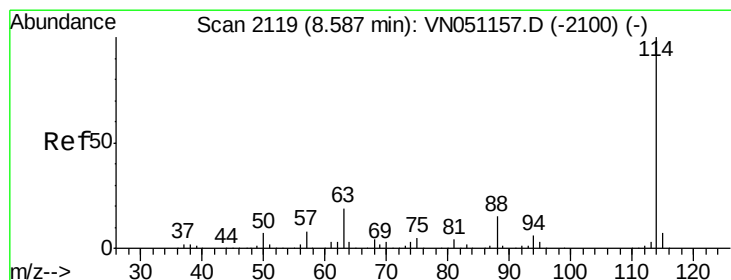
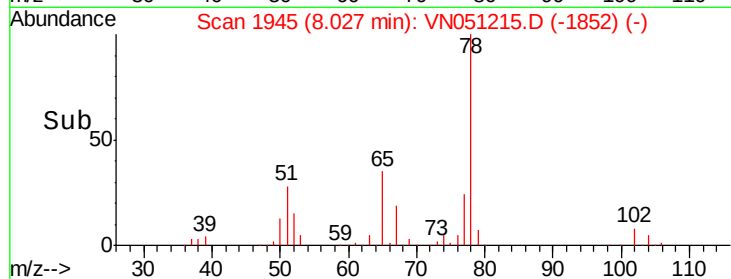
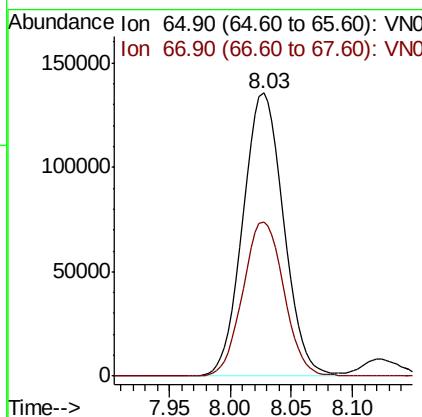
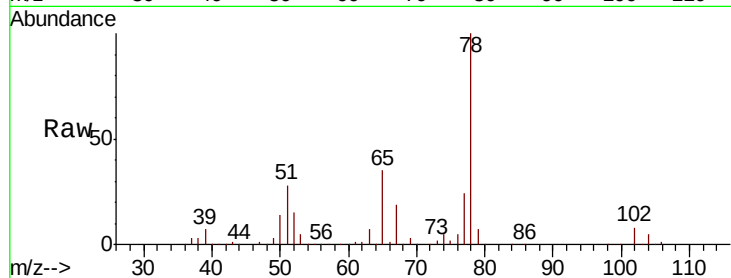




#33
 1,2-Dichloroethane-d4
 Concen: 41.95 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051215.D
 Acq: 15 Sep 2018 10:43

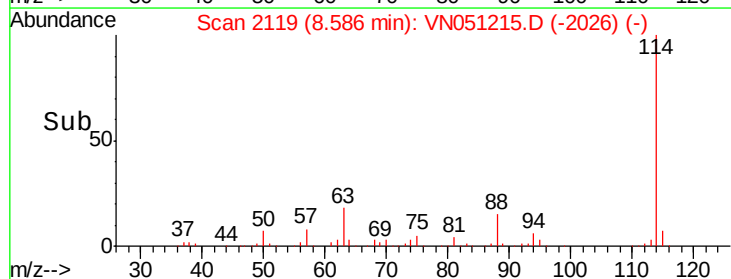
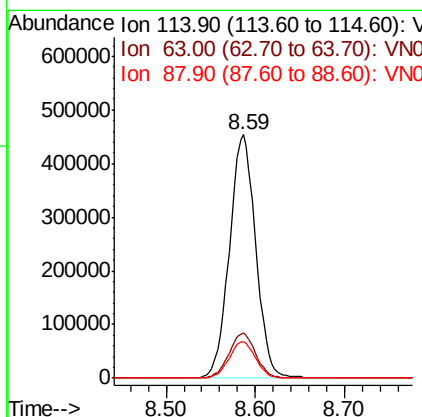
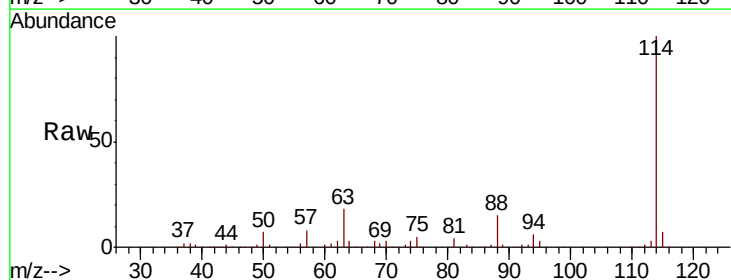
Instrument :
 MSVOA_N
 ClientSampleId :

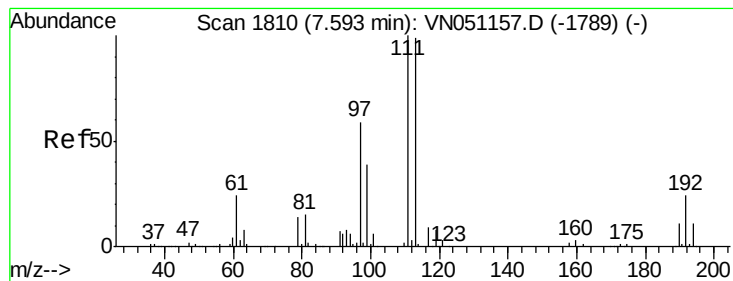
Tot Ion: 65 Resp: 313390
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051215.D
 Acq: 15 Sep 2018 10:43

Tgt Ion: 114 Resp: 924620
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 37.8
 88 15.0 0.0 30.8





#35

Dibromofluoromethane

Concen: 45.30 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Instrument :

MSVOA_N

ClientSampleId :

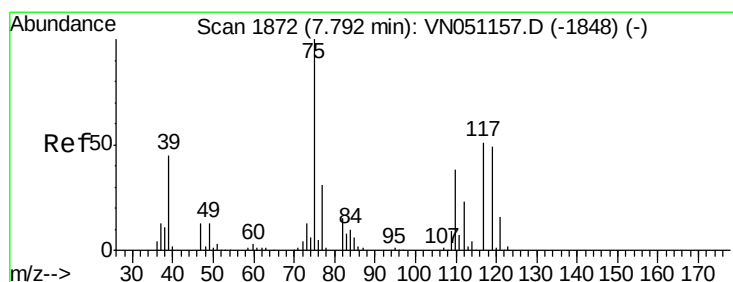
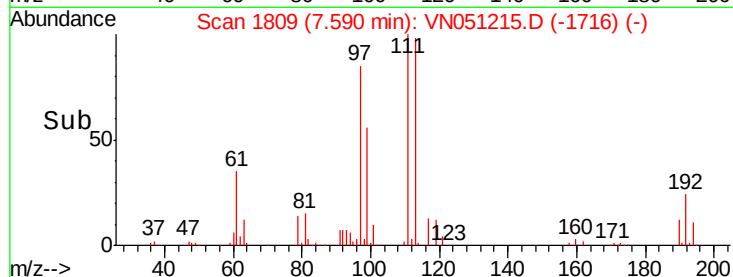
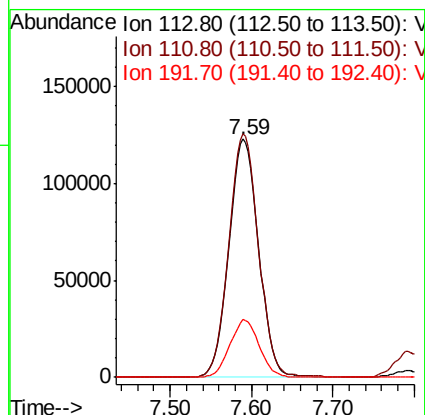
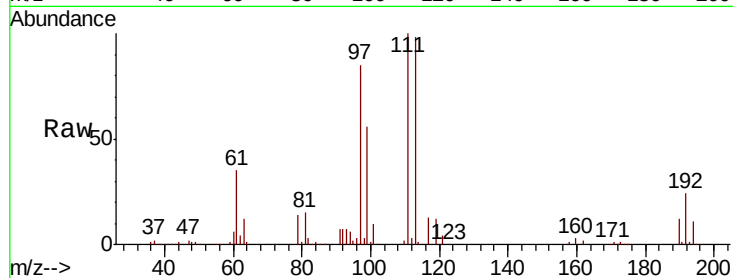
Tot Ion:113 Resp: 314760

Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.6

192 23.9 18.7 28.1



#36

1,1-Dichloropropene

Concen: 46.43 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

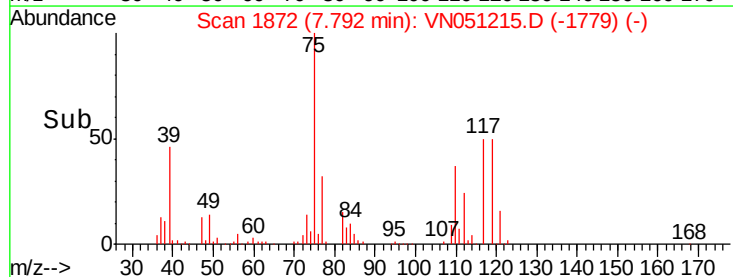
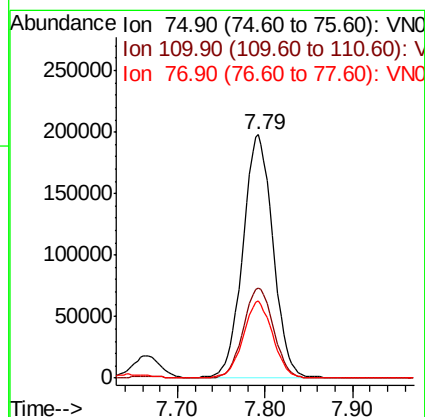
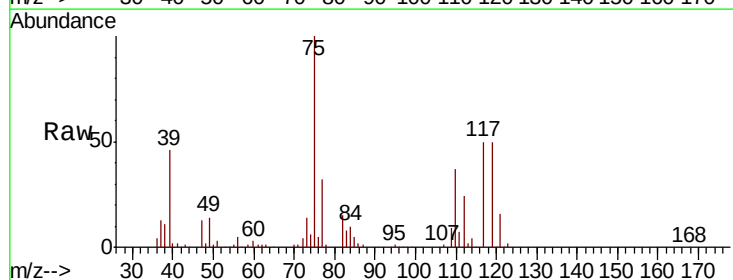
Tgt Ion: 75 Resp: 471304

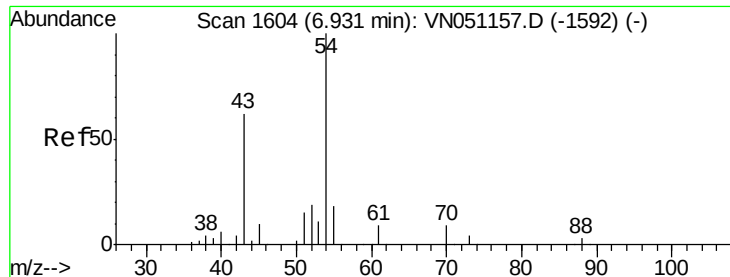
Ion Ratio Lower Upper

75 100

110 37.2 18.6 55.8

77 31.4 25.2 37.8

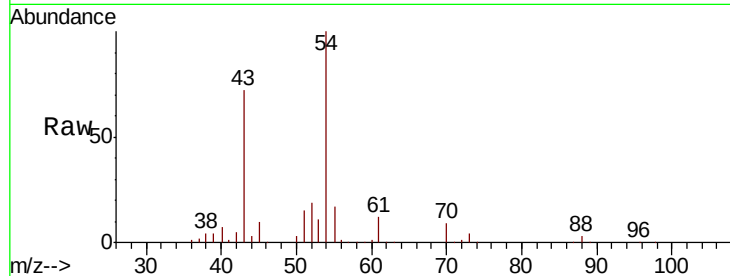




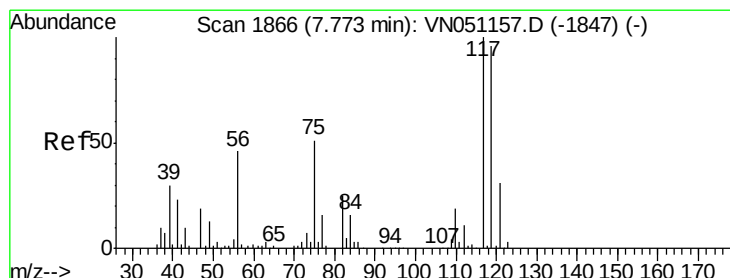
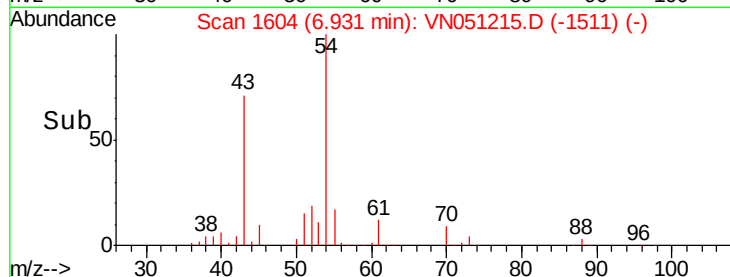
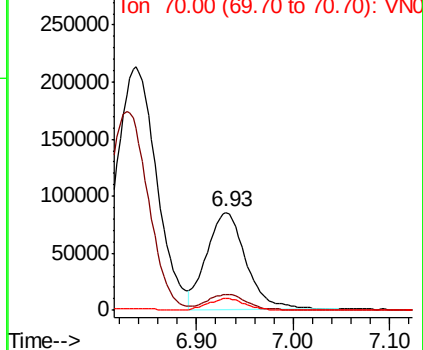
#37
Ethyl Acetate
Concen: 41.19 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN051215.D
Acq: 15 Sep 2018 10:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 242164
Ion Ratio Lower Upper
43 100
61 16.2 12.4 18.6
70 11.6 9.3 13.9

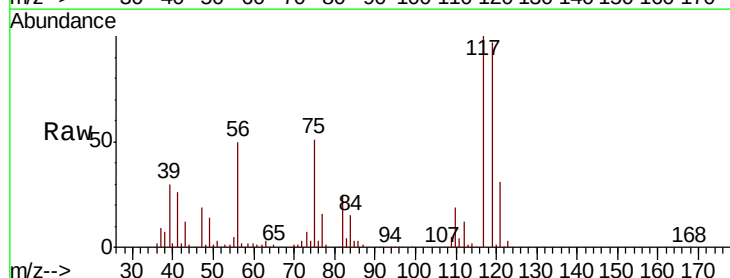


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

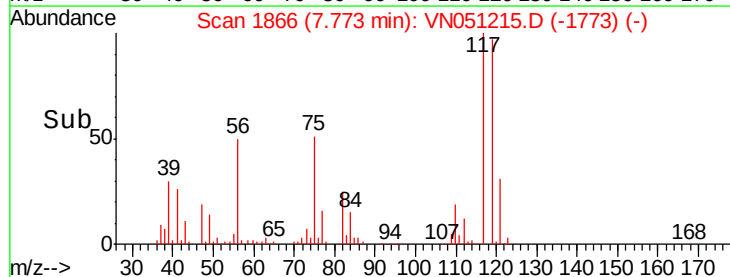
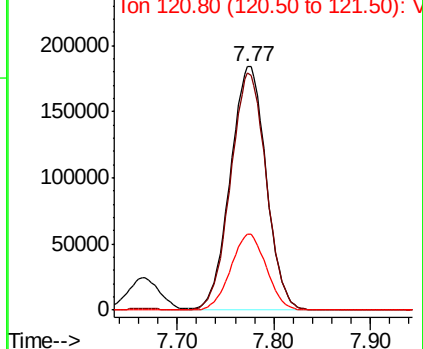


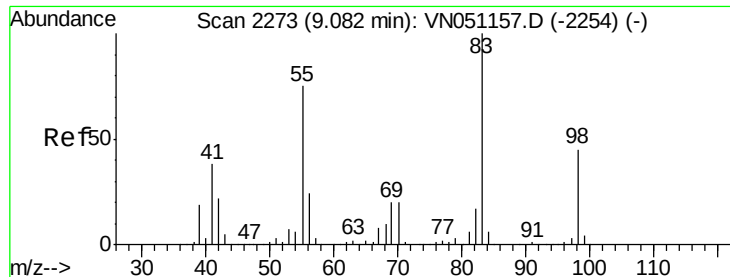
#38
Carbon Tetrachloride
Concen: 47.54 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051215.D
Acq: 15 Sep 2018 10:43

Tgt Ion: 117 Resp: 474987
Ion Ratio Lower Upper
117 100
119 97.3 76.8 115.2
121 31.4 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

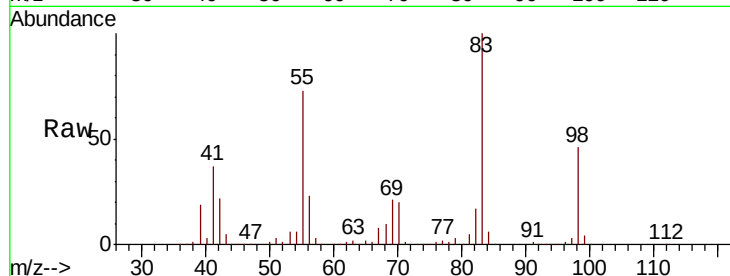




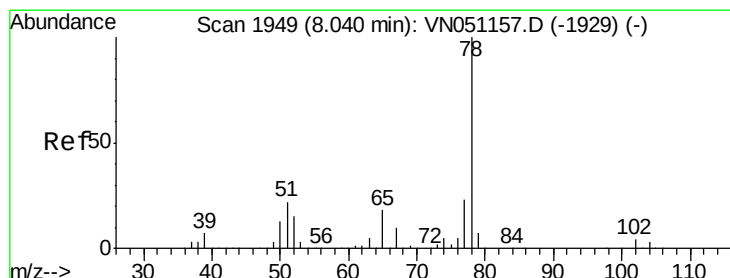
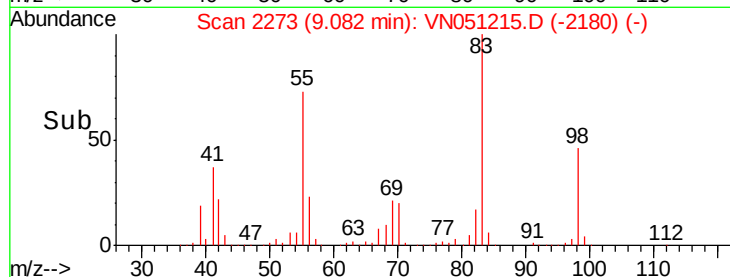
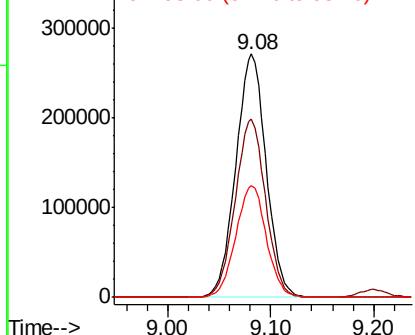
#39
Methylvlcyclohexane
Concen: 49.54 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051215.D
Acq: 15 Sep 2018 10:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 554914
Ion Ratio Lower Upper
83 100
55 73.0 58.4 87.6
98 46.1 37.3 55.9

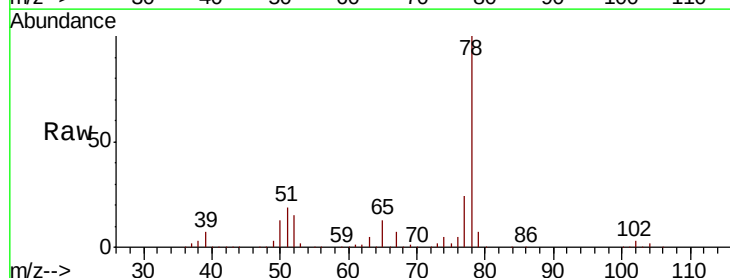


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

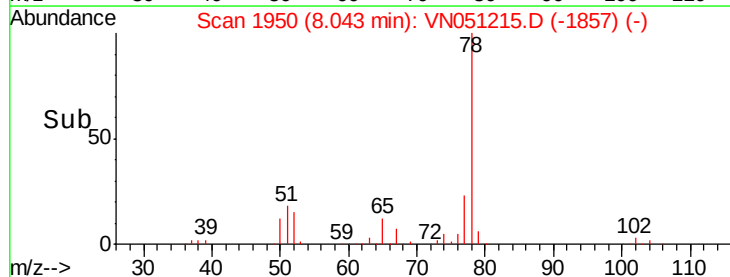
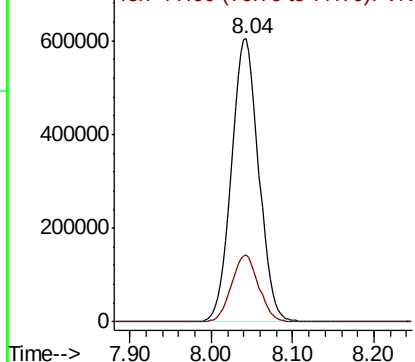


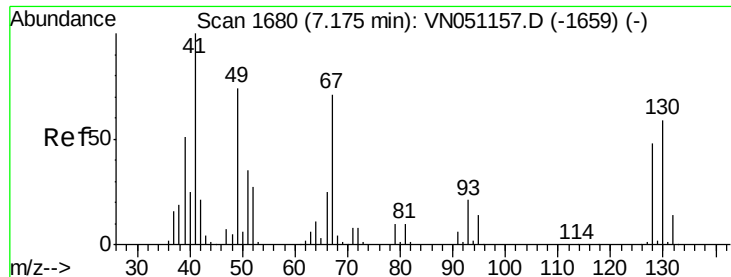
#40
Benzene
Concen: 46.12 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051215.D
Acq: 15 Sep 2018 10:43

Tgt Ion: 78 Resp: 1410951
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8



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

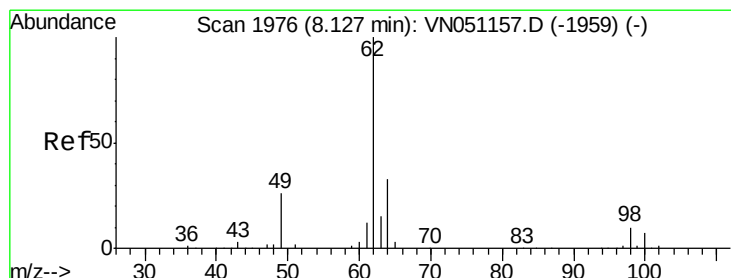
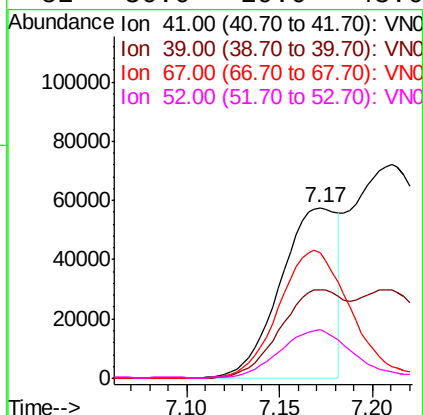
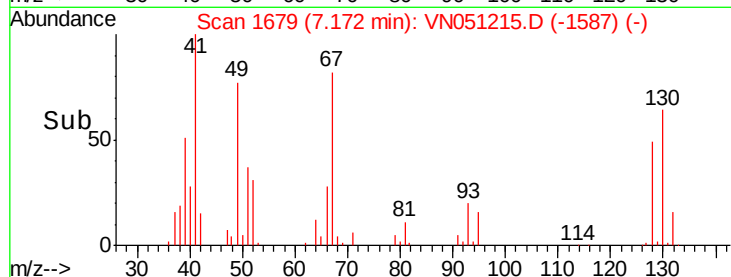
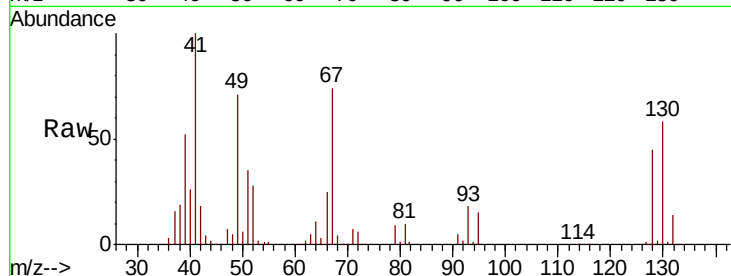




#41
Methacrylonitrile
Concen: 40.55 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN051215.D
Acq: 15 Sep 2018 10:43

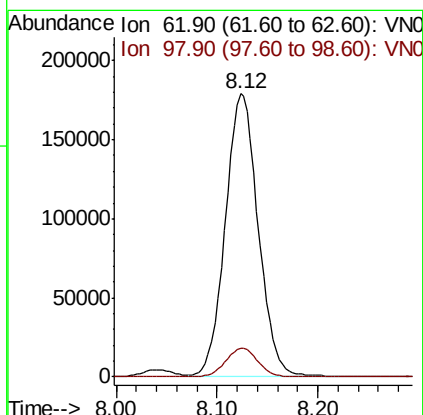
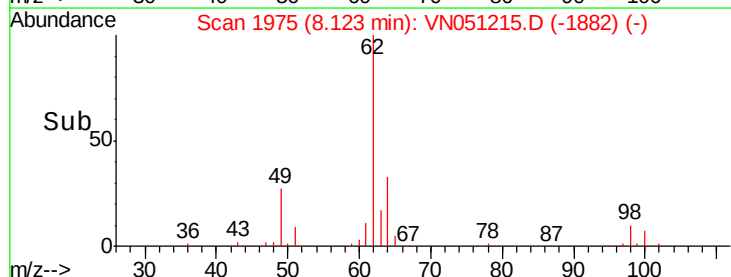
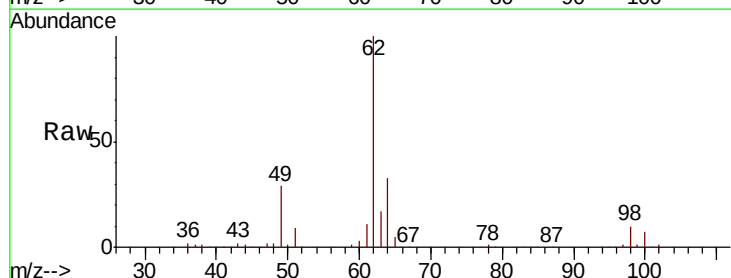
Instrument :
MSVOA_N
ClientSampled :

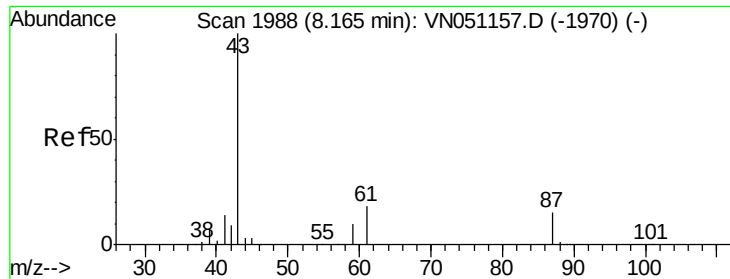
Tot Ion: 41 Resp: 123003
Ion Ratio Lower Upper
41 100
39 59.7 51.3 76.9
67 95.6 78.5 117.7
52 36.0 29.0 43.6



#42
1,2-Dichloroethane
Concen: 45.43 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN051215.D
Acq: 15 Sep 2018 10:43

Tgt Ion: 62 Resp: 405023
Ion Ratio Lower Upper
62 100
98 10.2 0.0 21.0



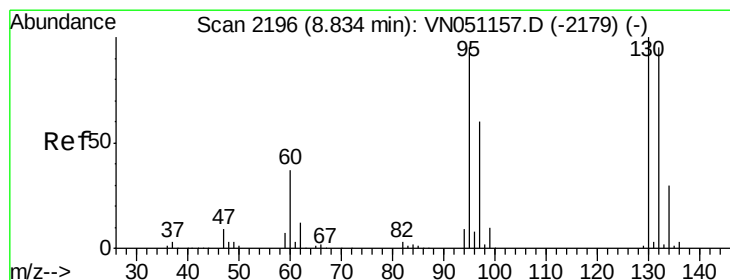
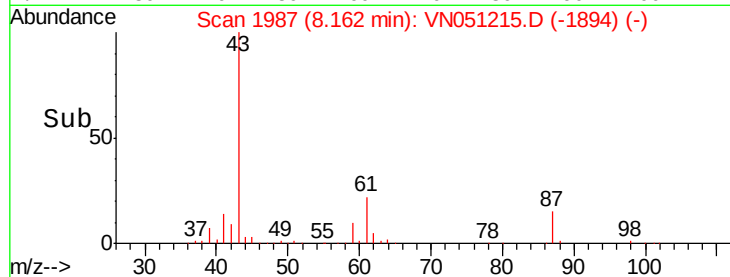
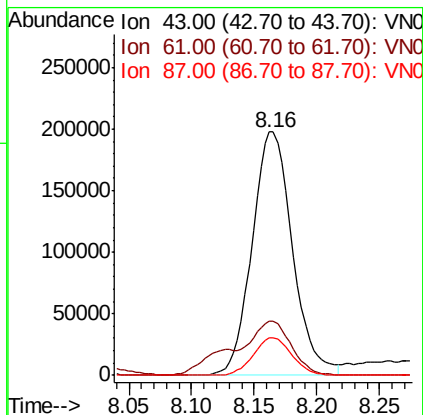
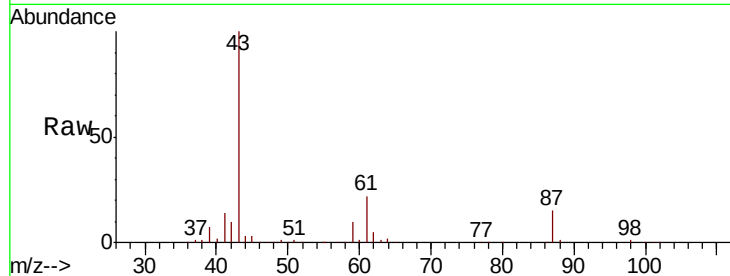


#43

Isopropyl Acetate
 Concen: 42.69 ug/l
 RT: 8.16 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: VN051215.D
 Acq: 15 Sep 2018 10:43

Instrument :
 MSVOA_N
 ClientSampled :

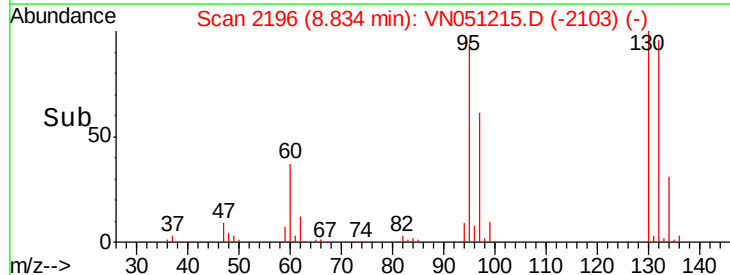
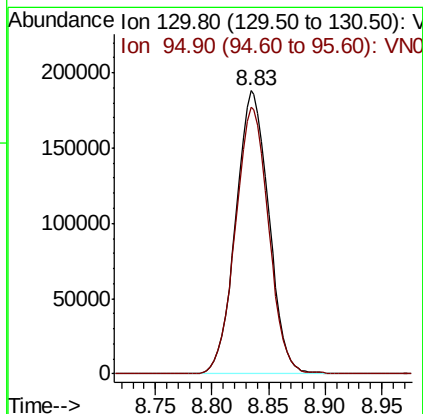
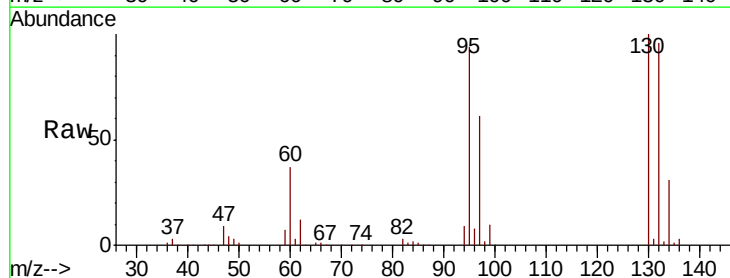
Tot Ion: 43 Resp: 442882
 Ion Ratio Lower Upper
 43 100
 61 21.3 25.0 37.6#
 87 14.8 11.8 17.8

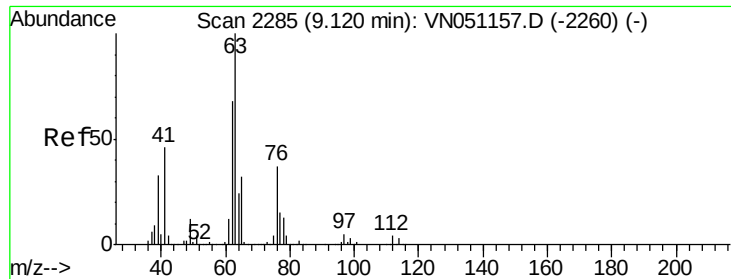


#44

Trichloroethene
 Concen: 45.79 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN051215.D
 Acq: 15 Sep 2018 10:43

Tgt Ion:130 Resp: 383086
 Ion Ratio Lower Upper
 130 100
 95 94.3 0.0 186.2

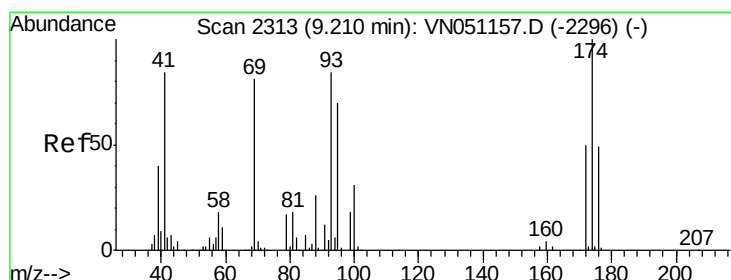
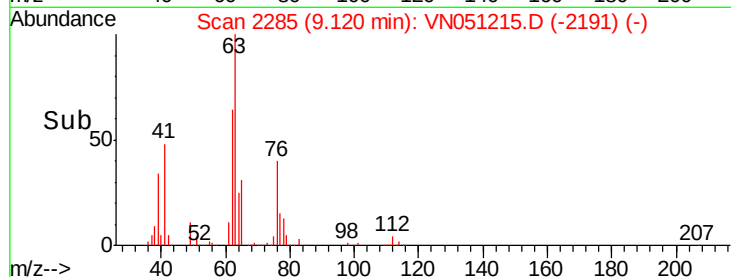
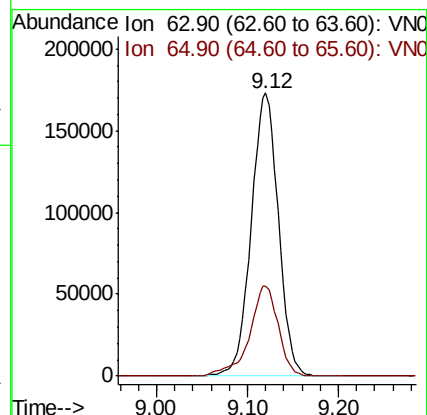
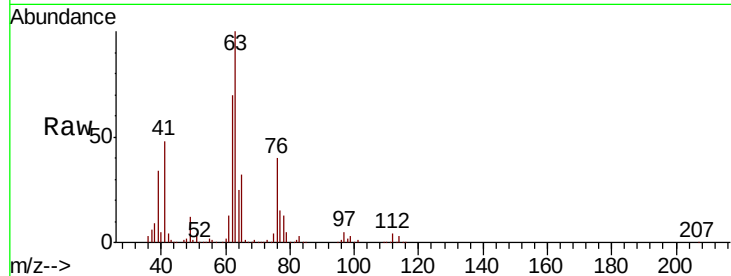




#45
 1,2-Dichloropropane
 Concen: 45.37 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN051215.D
 Acq: 15 Sep 2018 10:43

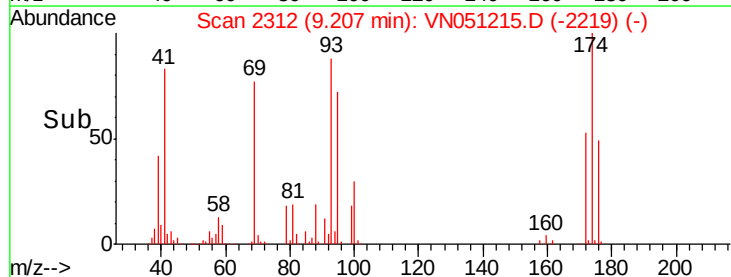
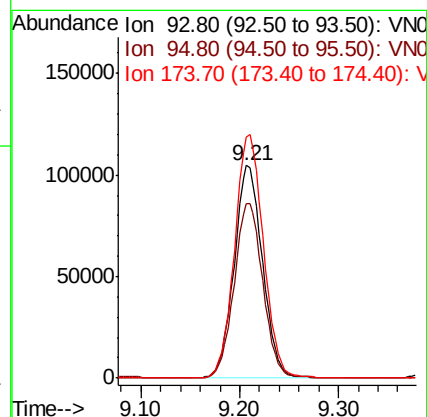
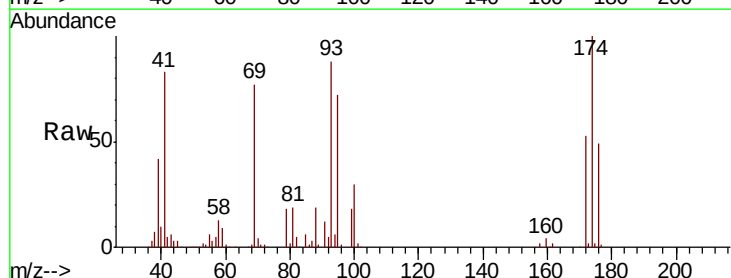
Instrument :
 MSVOA_N
 ClientSampleId :

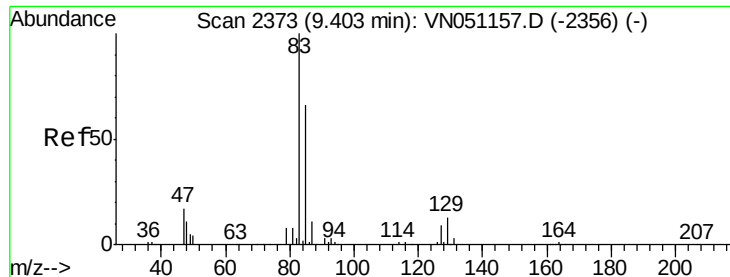
Tot Ion: 63 Resp: 358648
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.7 37.1



#46
 Dibromomethane
 Concen: 43.59 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN051215.D
 Acq: 15 Sep 2018 10:43

Tgt Ion: 93 Resp: 210203
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.8 100.2
 174 116.3 93.3 139.9





#47

Bromodichloromethane

Concen: 46.91 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Instrument :
MSVOA_N
ClientSampled :

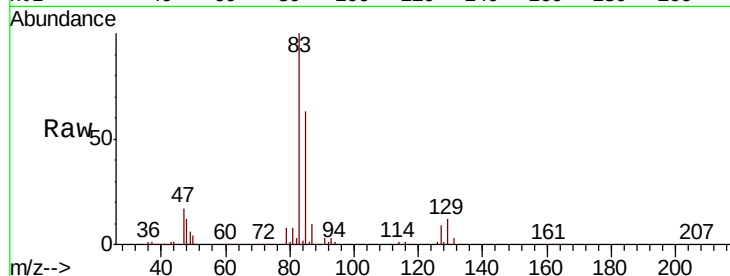
Tot Ion: 83 Resp: 459963

Ion Ratio Lower Upper

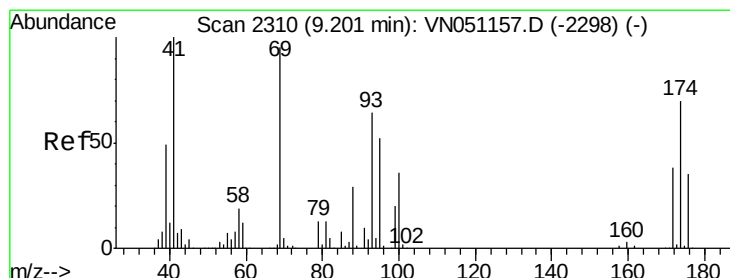
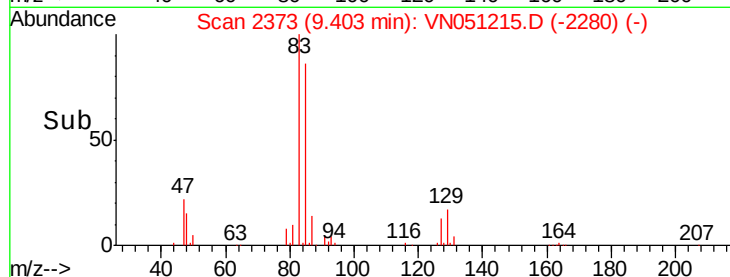
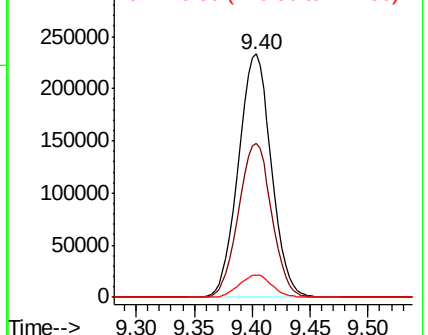
83 100

85 63.5 52.3 78.5

127 9.2 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 42.89 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

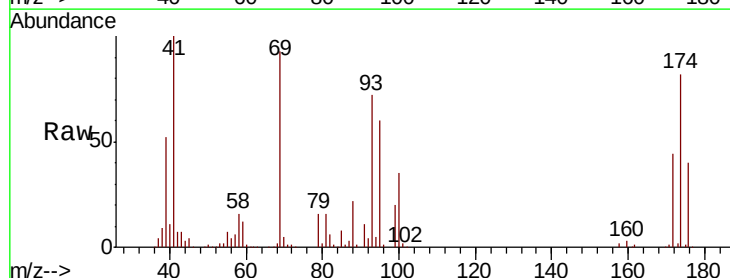
Tgt Ion: 41 Resp: 216828

Ion Ratio Lower Upper

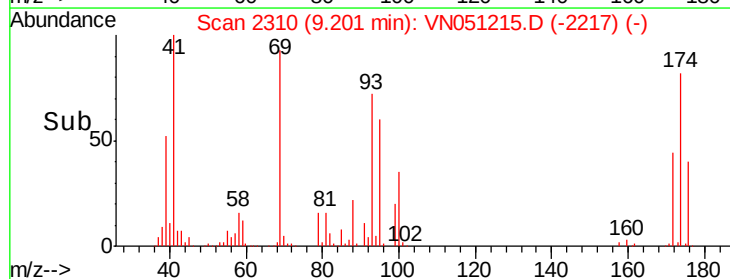
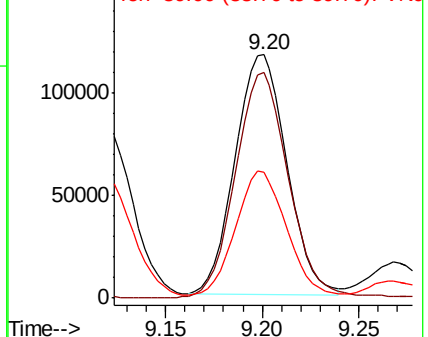
41 100

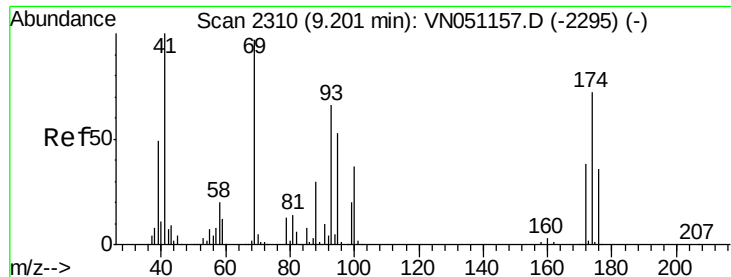
69 98.0 77.7 116.5

39 53.0 41.6 62.4



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

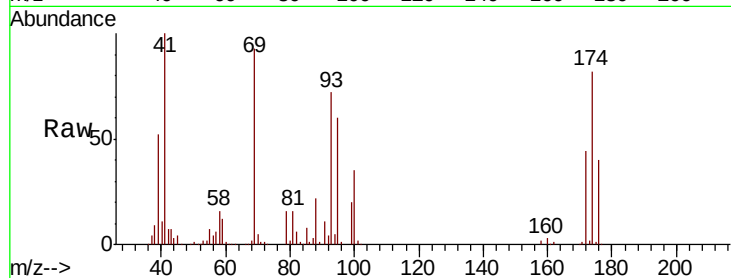




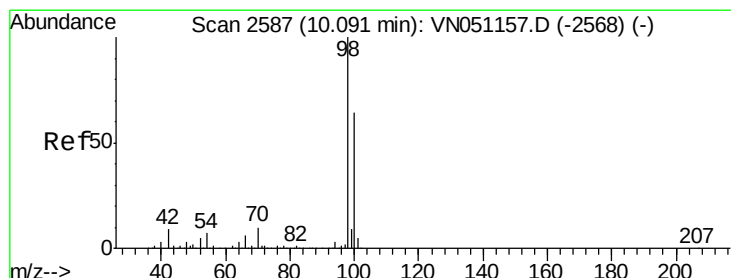
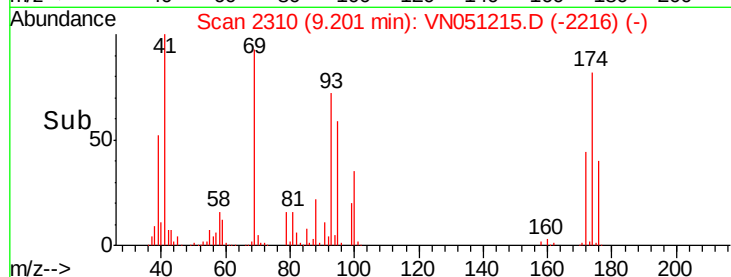
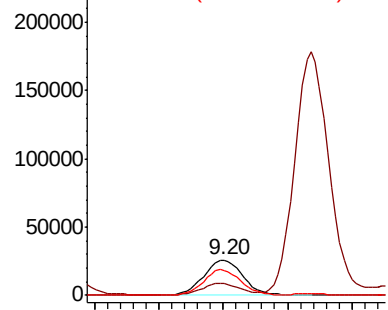
#49
1,4-Dioxane
Concen: 696.20 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN051215.D
Acq: 15 Sep 2018 10:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 55192
Ion Ratio Lower Upper
88 100
43 30.0 23.7 35.5
58 69.0 54.6 82.0

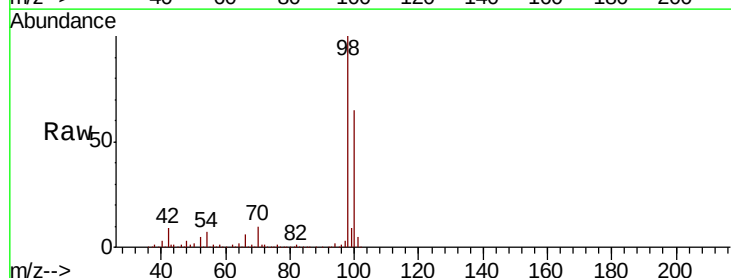


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

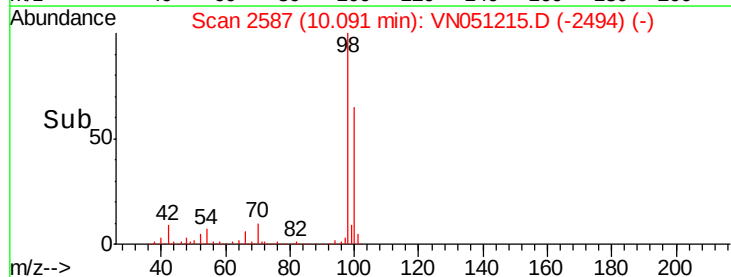
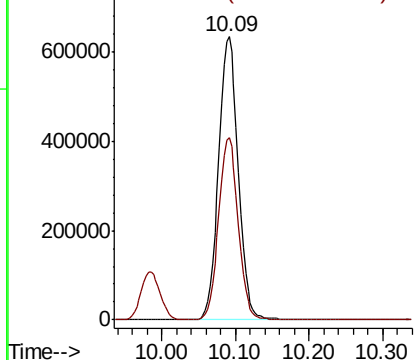


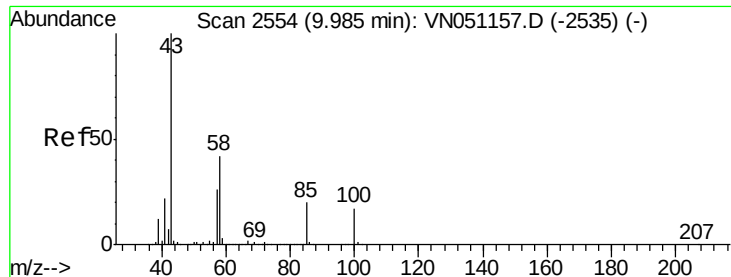
#50
Toluene-d8
Concen: 44.35 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051215.D
Acq: 15 Sep 2018 10:43

Tgt Ion: 98 Resp: 1169293
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



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

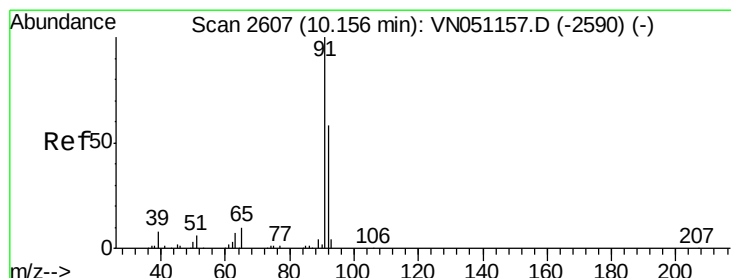
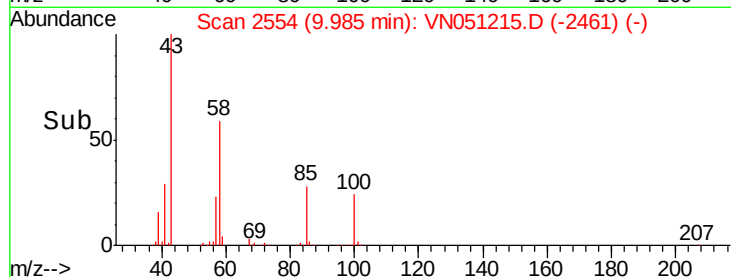
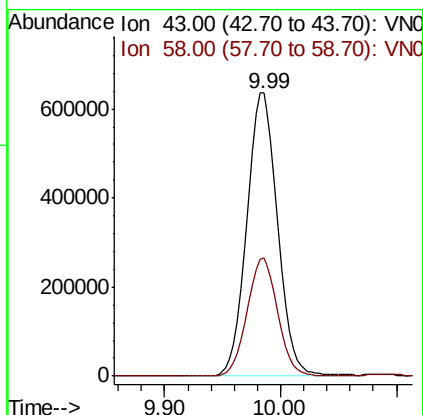
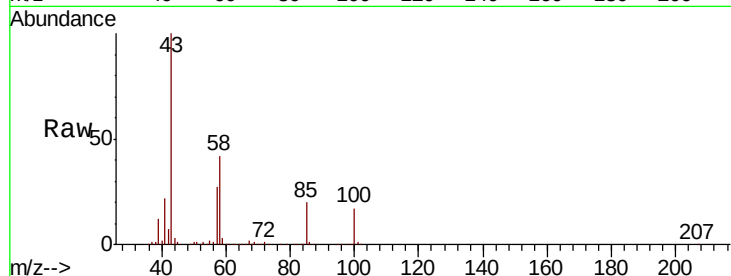




#51
 4-Methyl-2-Pentanone
 Concen: 204.73 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN051215.D
 Acq: 15 Sep 2018 10:43

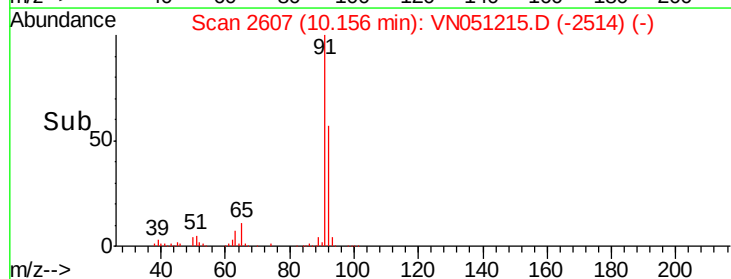
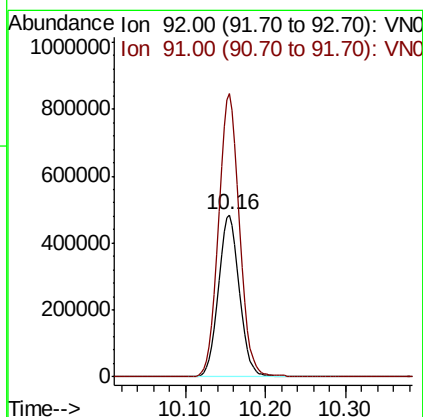
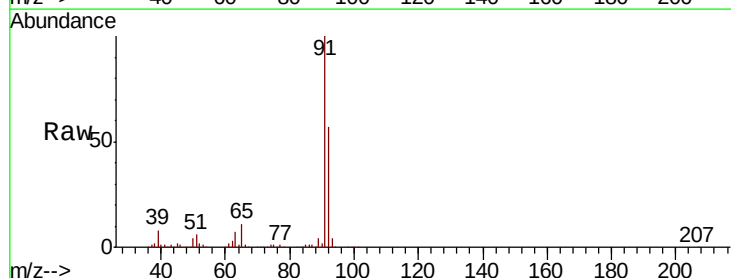
Instrument :
 MSVOA_N
 ClientSampled :

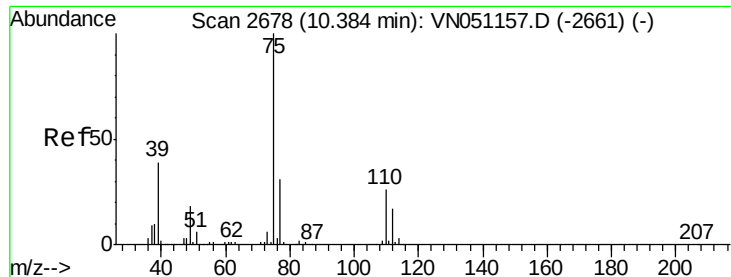
Tot Ion: 43 Resp: 1174526
 Ion Ratio Lower Upper
 43 100
 58 41.6 33.5 50.3



#52
 Toluene
 Concen: 47.35 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN051215.D
 Acq: 15 Sep 2018 10:43

Tgt Ion: 92 Resp: 883143
 Ion Ratio Lower Upper
 92 100
 91 174.2 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 46.59 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Instrument :

MSVOA_N

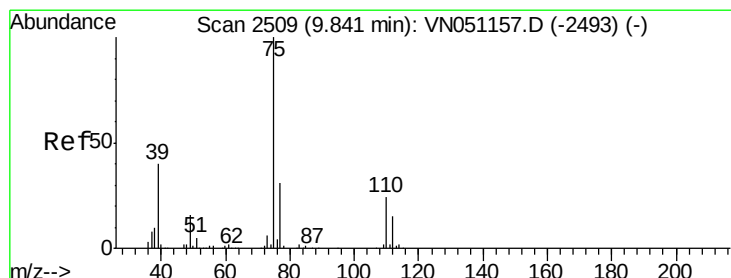
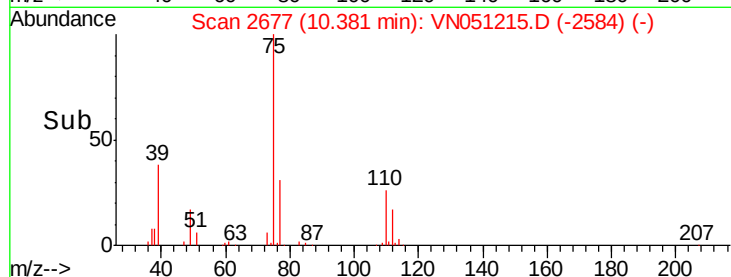
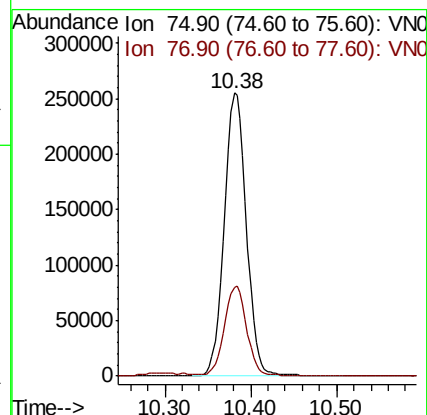
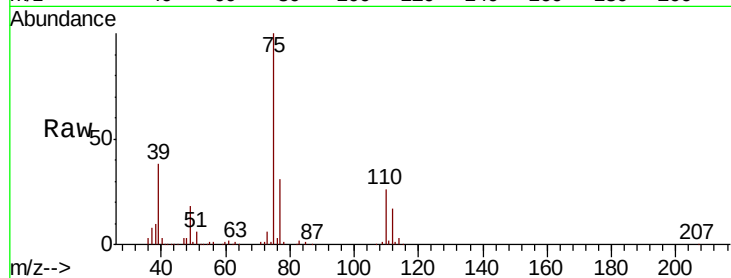
ClientSampleId :

Tot Ion: 75 Resp: 457233

Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 47.39 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

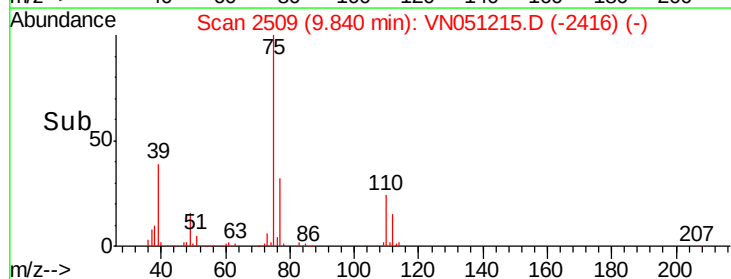
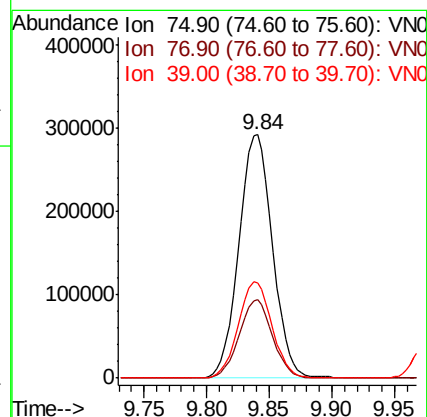
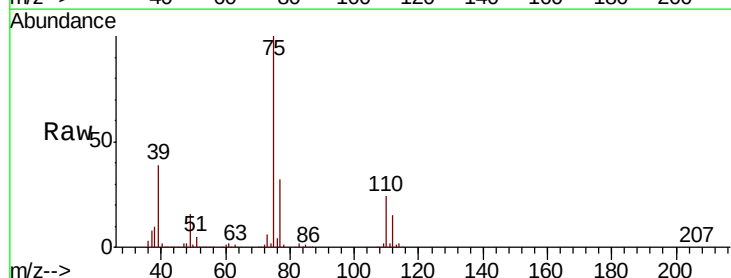
Tgt Ion: 75 Resp: 545285

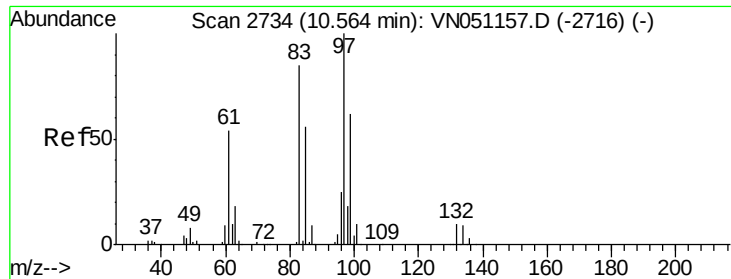
Ion Ratio Lower Upper

75 100

77 32.2 25.7 38.5

39 39.2 31.9 47.9





#55

1,1,2-Trichloroethane

Concen: 44.84 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 303810

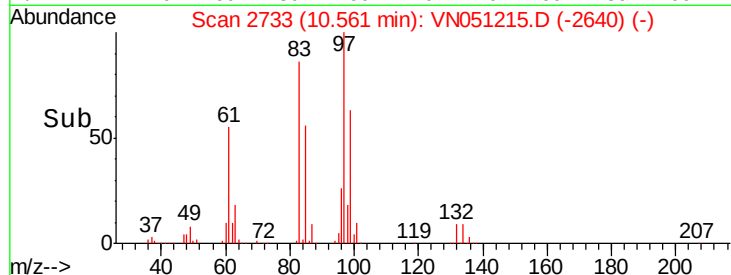
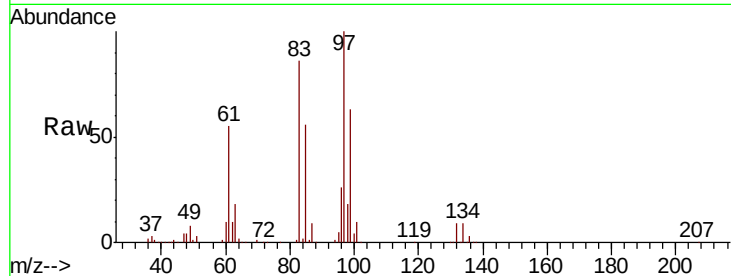
Ion	Ratio	Lower	Upper
97	100		
83	86.1	68.2	102.2
85	56.0	44.8	67.2
99	62.7	50.2	75.4

97 100

83 86.1 68.2 102.2

85 56.0 44.8 67.2

99 62.7 50.2 75.4

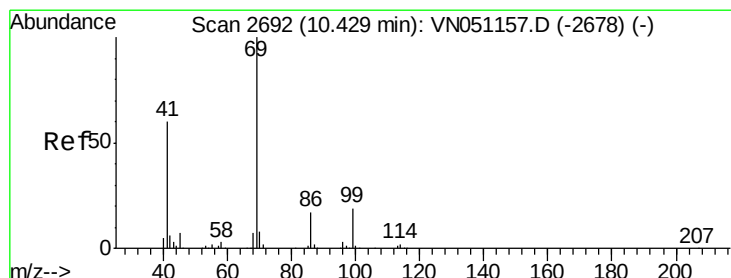
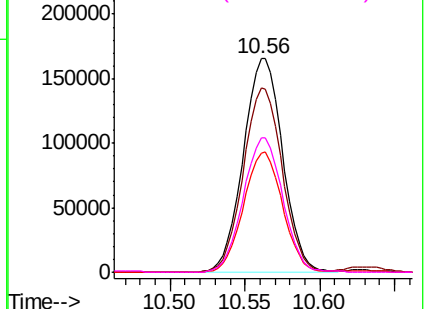


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 40.91 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

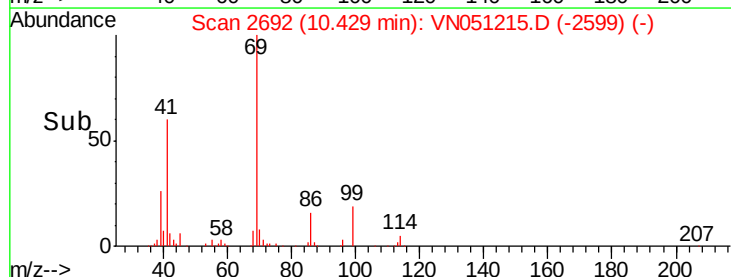
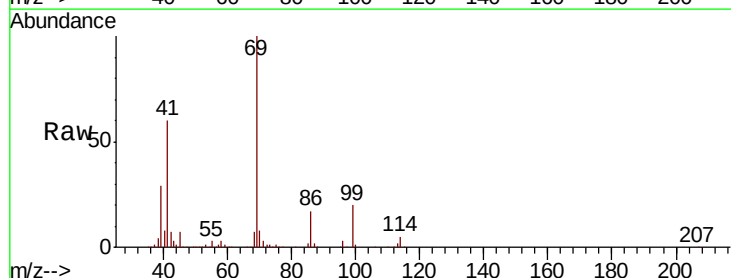
Tgt Ion: 69 Resp: 367759

Ion	Ratio	Lower	Upper
69	100		
41	59.7	47.8	71.8
39	28.9	23.0	34.4

69 100

41 59.7 47.8 71.8

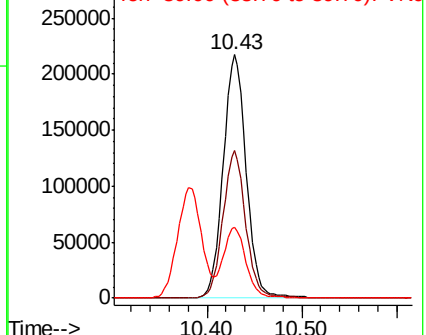
39 28.9 23.0 34.4

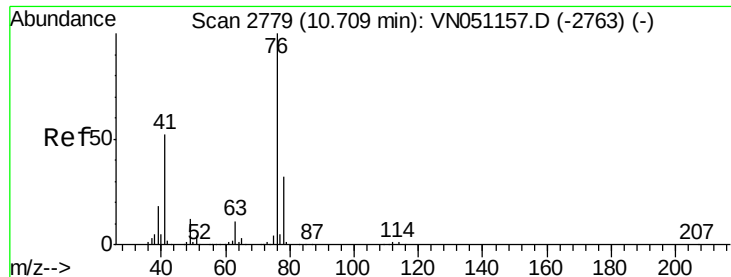


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 44.62 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Instrument :

MSVOA_N

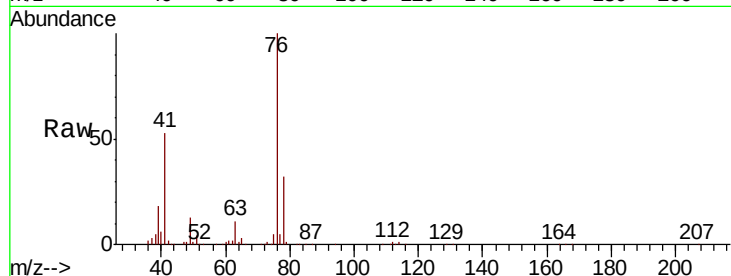
ClientSampleId :

Tot Ion: 76 Resp: 501229

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

250000

200000

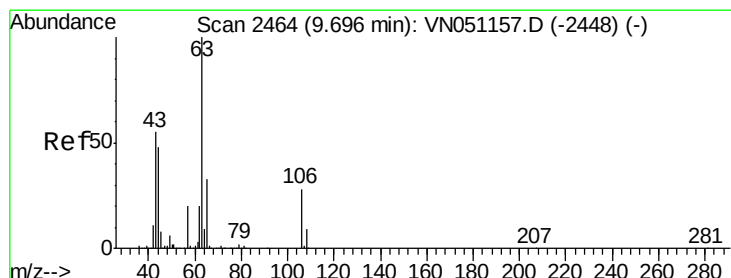
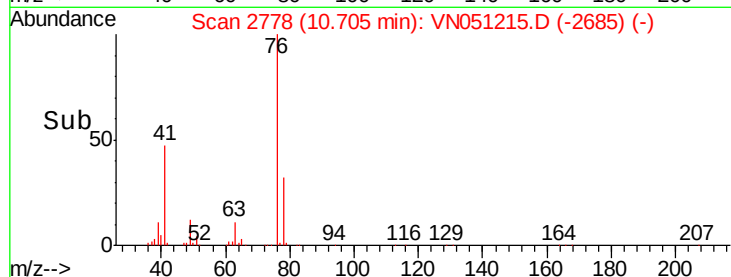
150000

100000

50000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 194.85 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051215.D

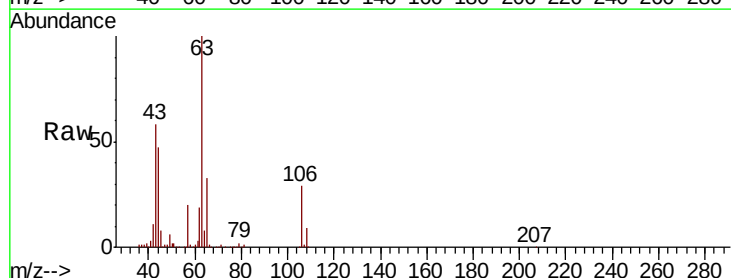
Acq: 15 Sep 2018 10:43

Tgt Ion: 63 Resp: 731123

Ion Ratio Lower Upper

63 100

106 28.5 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

400000

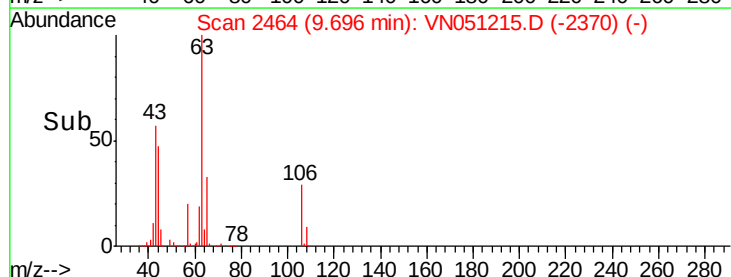
300000

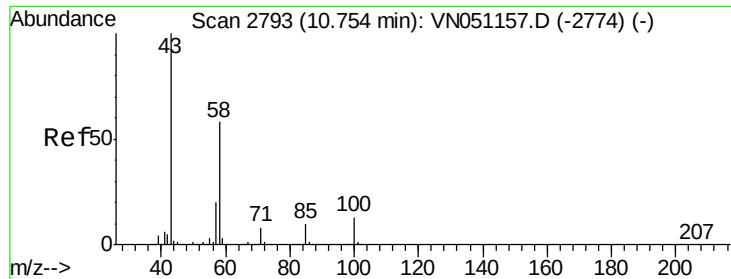
200000

100000

0

Time--> 9.60 9.70 9.80

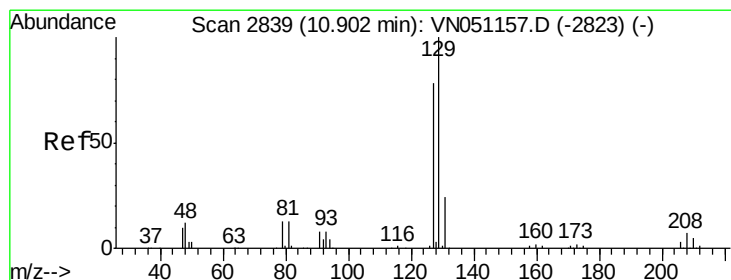
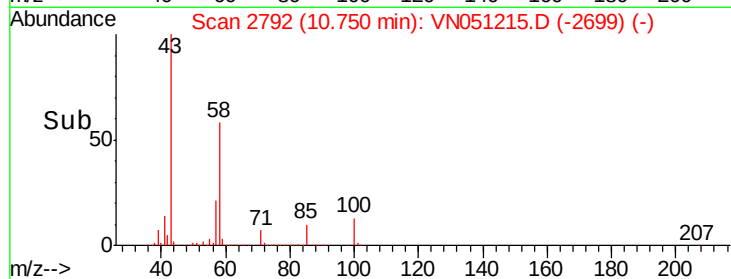
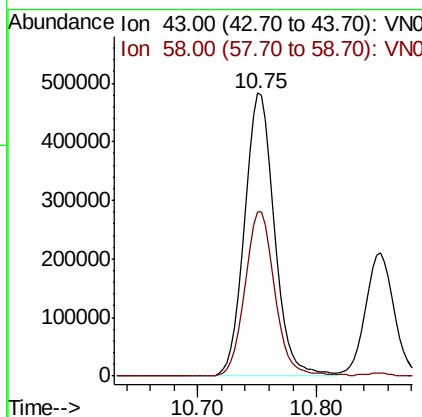
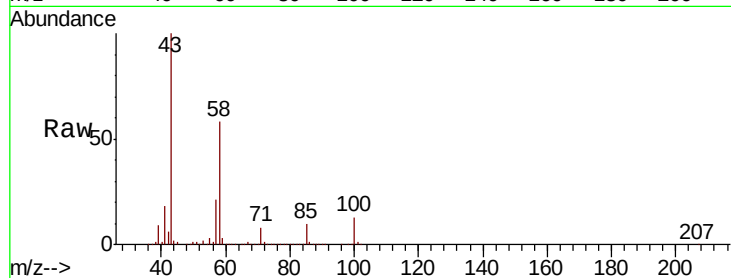




#59
2-Hexanone
Concen: 215.88 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN051215.D
Acq: 15 Sep 2018 10:43

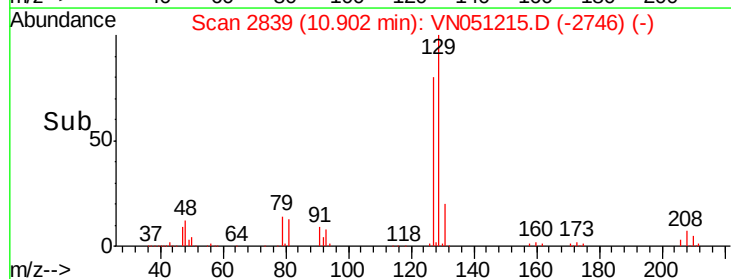
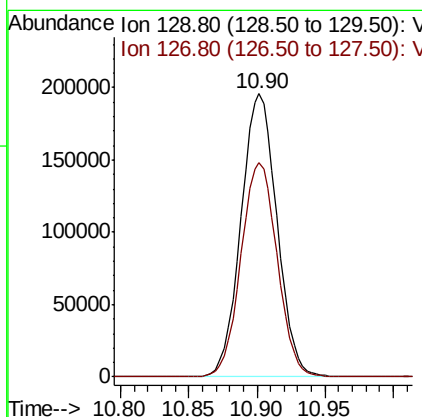
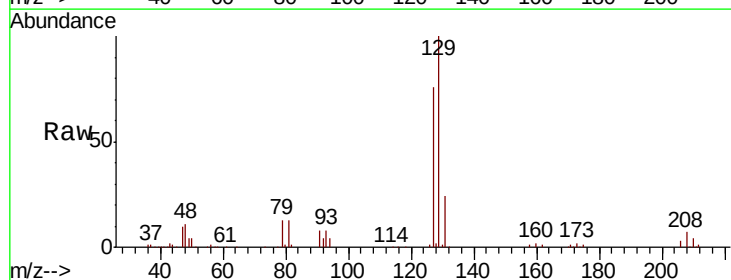
Instrument :
MSVOA_N
ClientSampled :

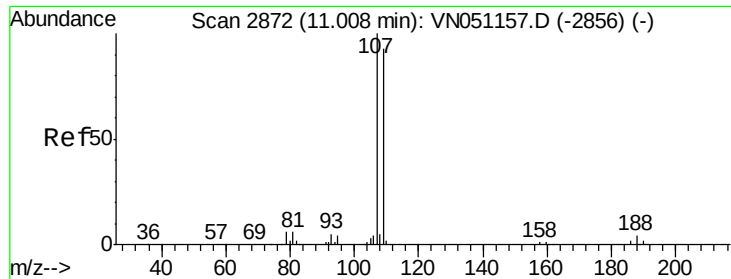
Tot Ion: 43 Resp: 839917
Ion Ratio Lower Upper
43 100
58 58.2 29.3 88.0



#60
Dibromochloromethane
Concen: 46.92 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051215.D
Acq: 15 Sep 2018 10:43

Tgt Ion: 129 Resp: 358369
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5

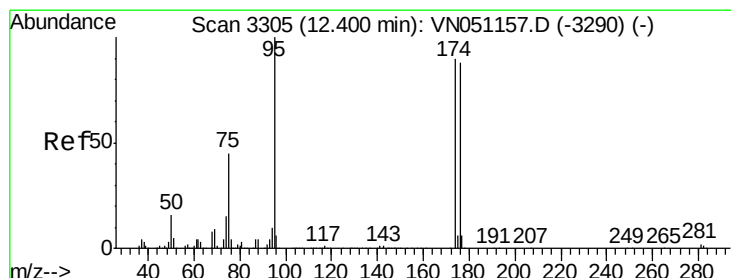
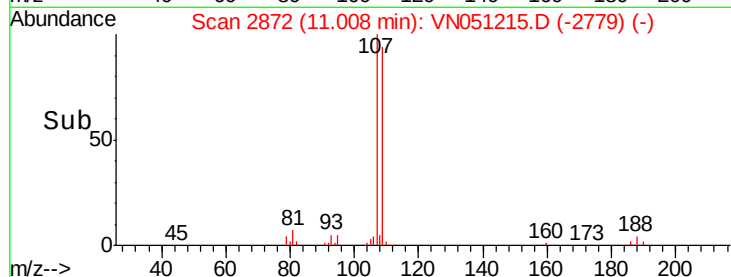
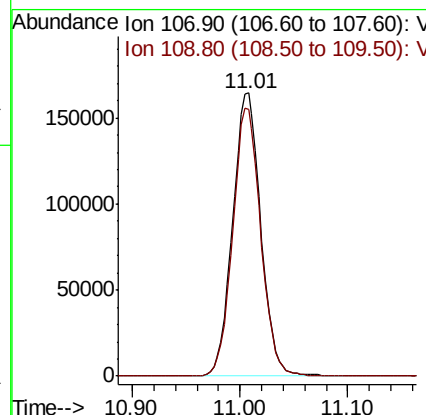
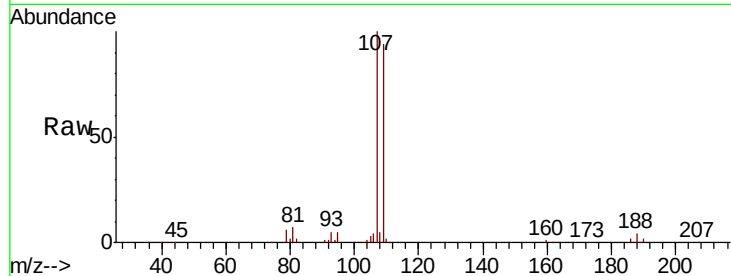




#61
 1,2-Dibromoethane
 Concen: 45.04 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN051215.D
 Acq: 15 Sep 2018 10:43

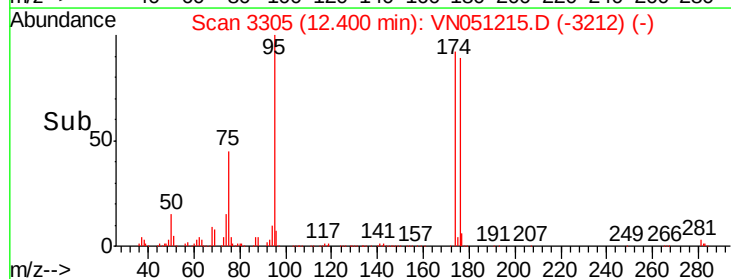
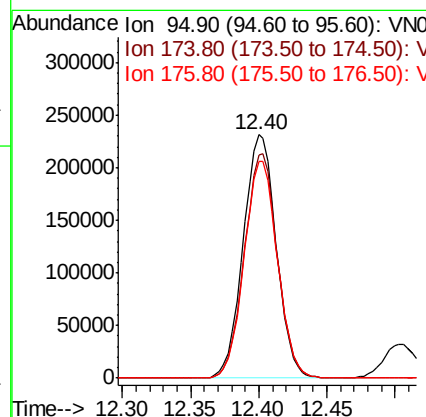
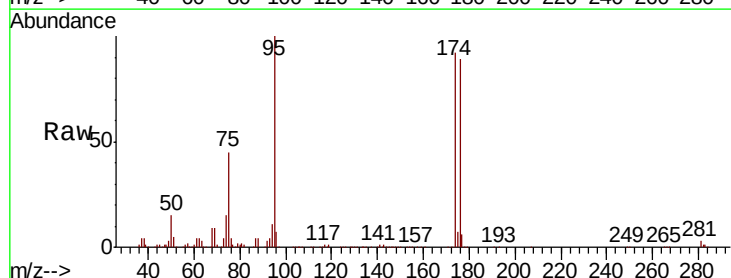
Instrument :
 MSVOA_N
 ClientSampleId :

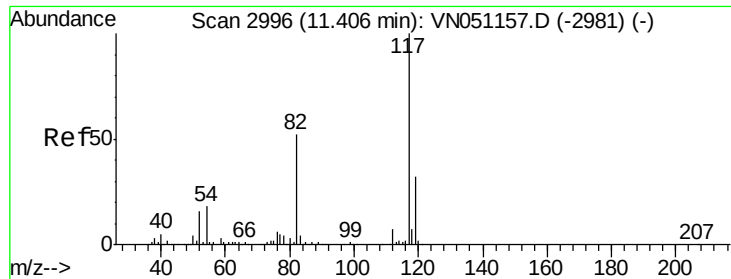
Tot Ion:107 Resp: 298312
 Ion Ratio Lower Upper
 107 100
 109 94.6 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 44.49 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN051215.D
 Acq: 15 Sep 2018 10:43

Tgt Ion: 95 Resp: 387961
 Ion Ratio Lower Upper
 95 100
 174 92.3 0.0 184.8
 176 89.9 0.0 178.6

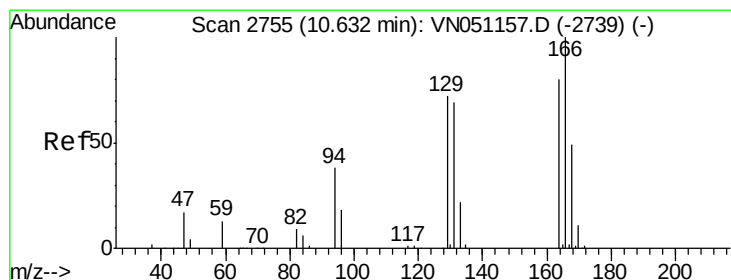
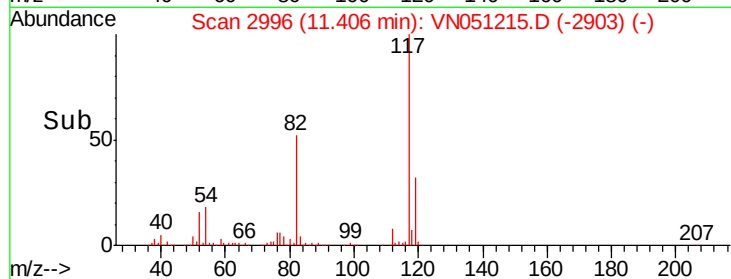
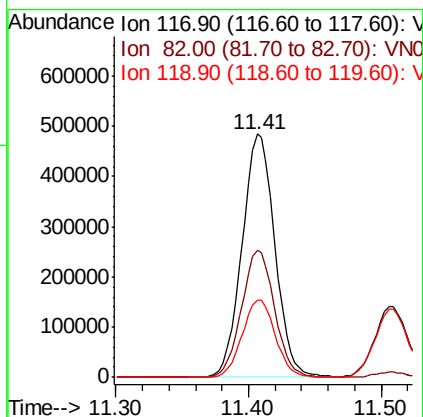
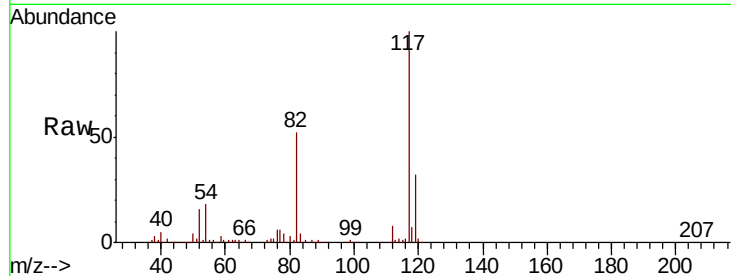




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051215.D
Acq: 15 Sep 2018 10:43

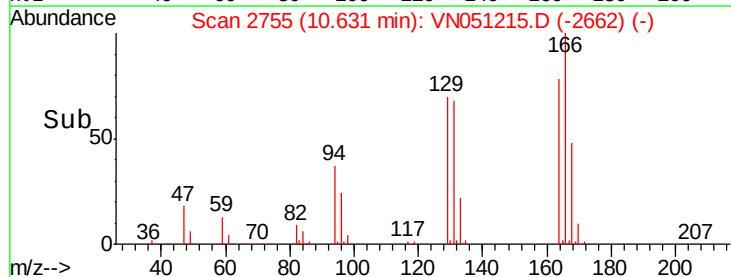
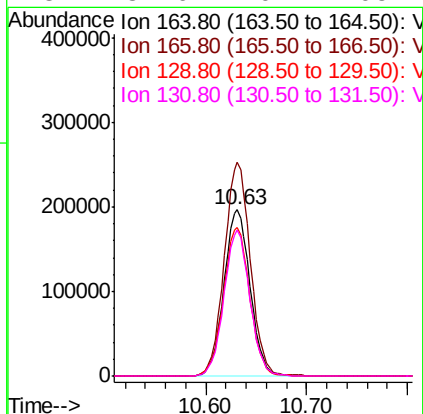
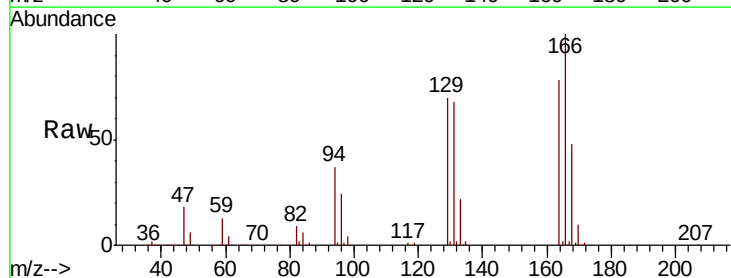
Instrument :
MSVOA_N
ClientSampleId :

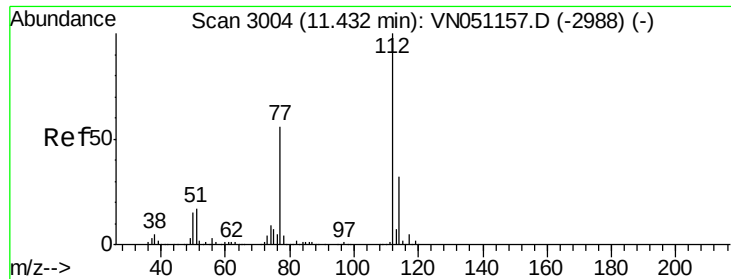
Tot Ion:117 Resp: 833965
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.6
119 31.9 26.2 39.2



#64
Tetrachloroethene
Concen: 46.51 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051215.D
Acq: 15 Sep 2018 10:43

Tgt Ion:164 Resp: 353959
Ion Ratio Lower Upper
164 100
166 128.8 101.3 151.9
129 89.7 72.2 108.2
131 87.6 70.2 105.2

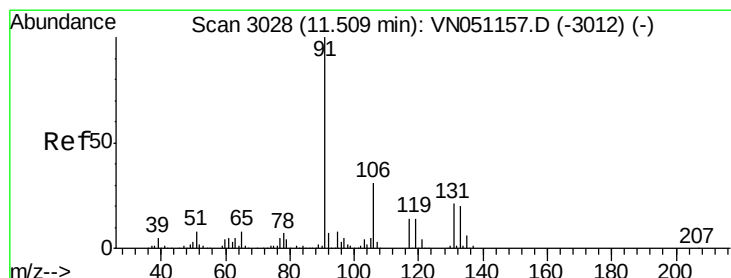
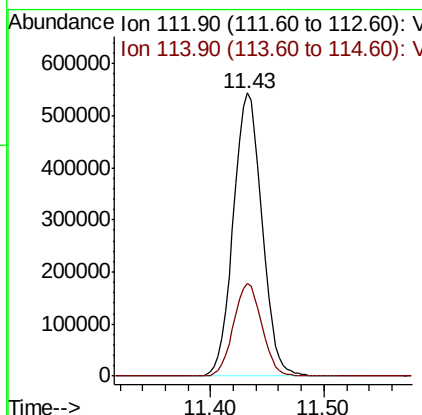
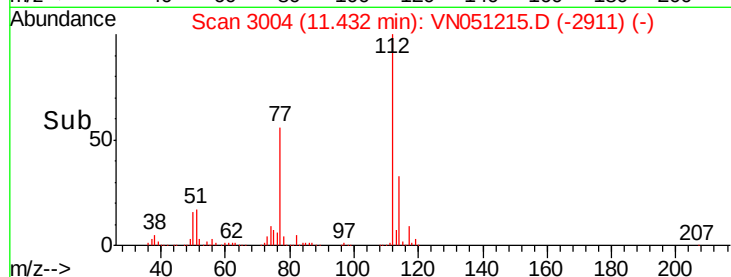
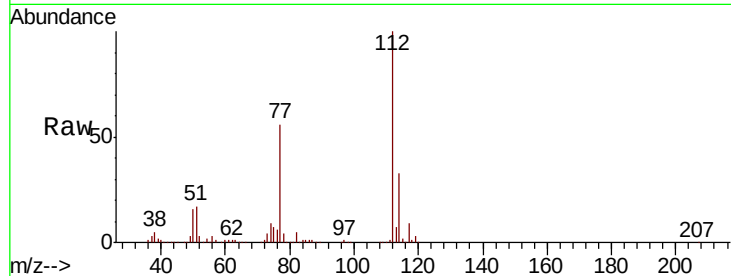




#65
Chlorobenzene
Concen: 45.69 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051215.D
Acq: 15 Sep 2018 10:43

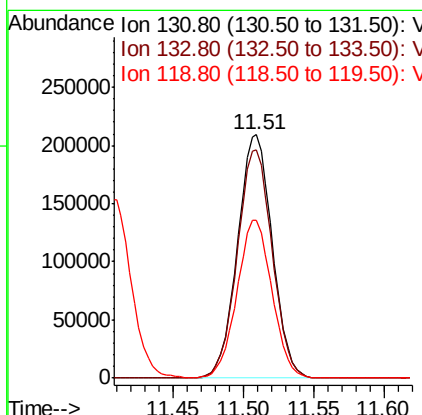
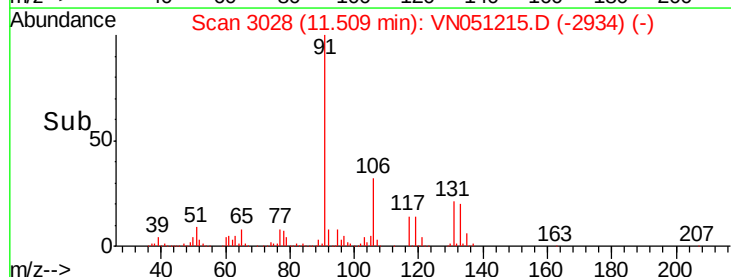
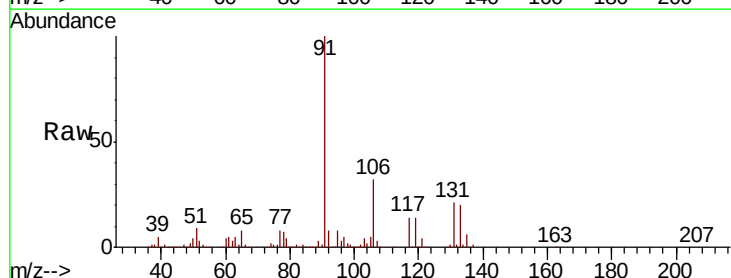
Instrument :
MSVOA_N
ClientSampled :

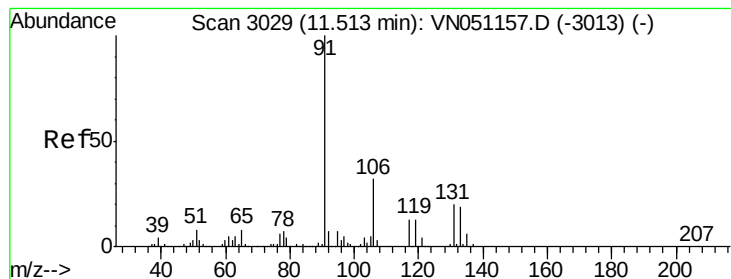
Tot Ion:112 Resp: 960570
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.66 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051215.D
Acq: 15 Sep 2018 10:43

Tgt Ion:131 Resp: 360740
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.6
119 65.3 33.2 99.6





#67

Ethyl Benzene

Concen: 48.49 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Instrument :

MSVOA_N

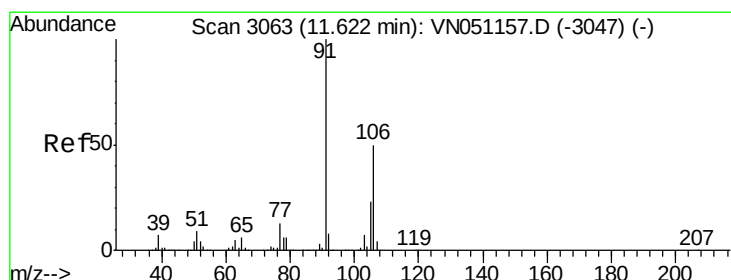
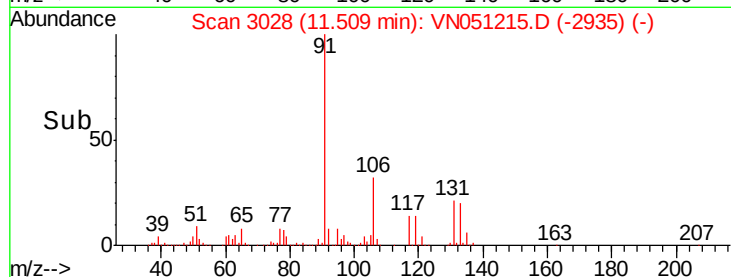
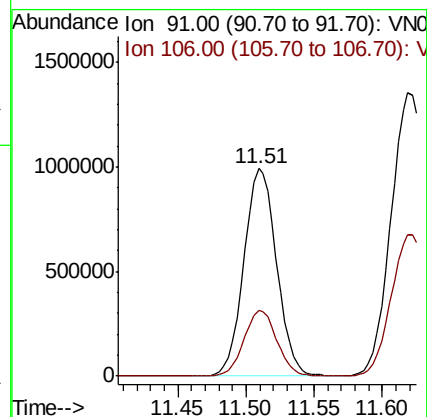
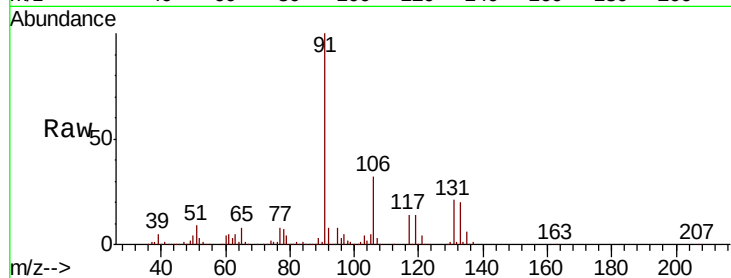
ClientSampled :

Tot Ion: 91 Resp: 1650702

Ion Ratio Lower Upper

91 100

106 31.8 25.4 38.2



#68

m/p-Xylenes

Concen: 99.15 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN051215.D

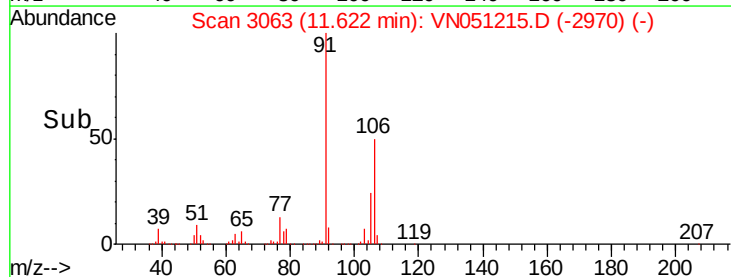
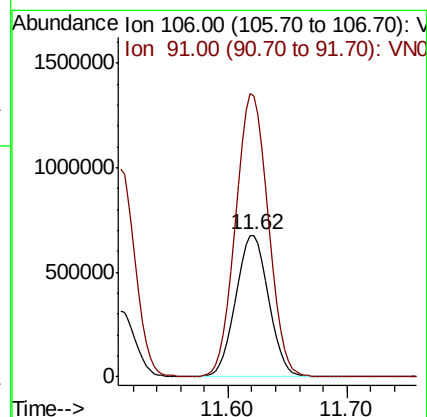
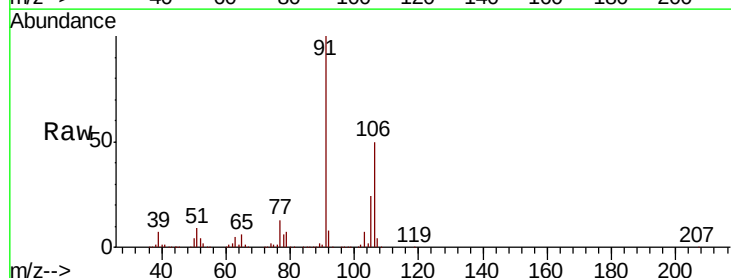
Acq: 15 Sep 2018 10:43

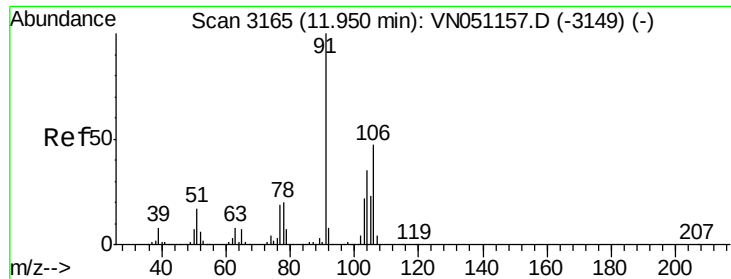
Tgt Ion: 106 Resp: 1296863

Ion Ratio Lower Upper

106 100

91 198.7 159.8 239.6

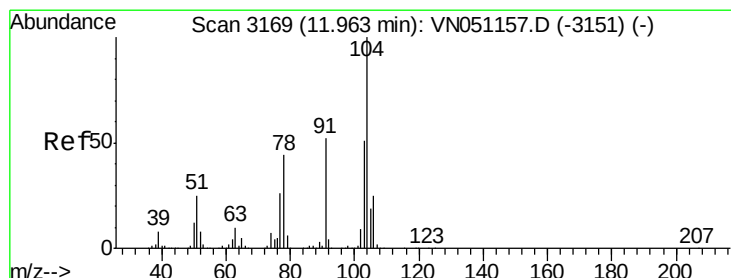
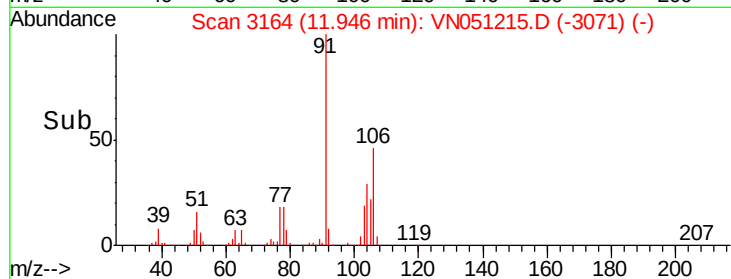
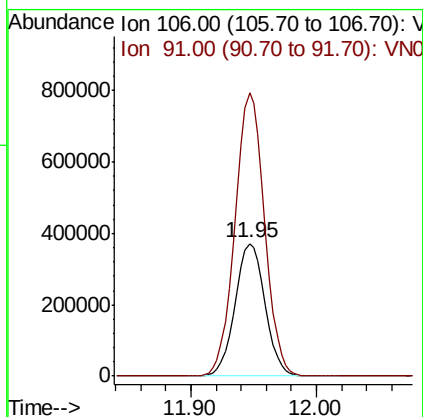
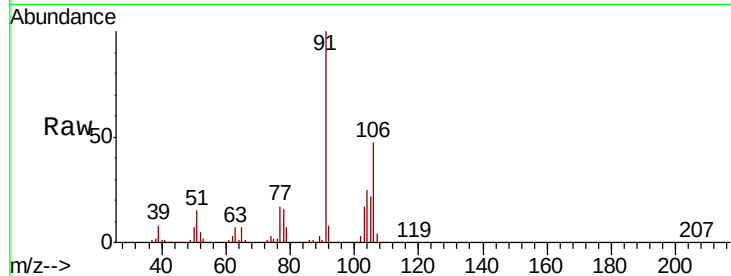




#69
o-Xylene
Concen: 48.55 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051215.D
Acq: 15 Sep 2018 10:43

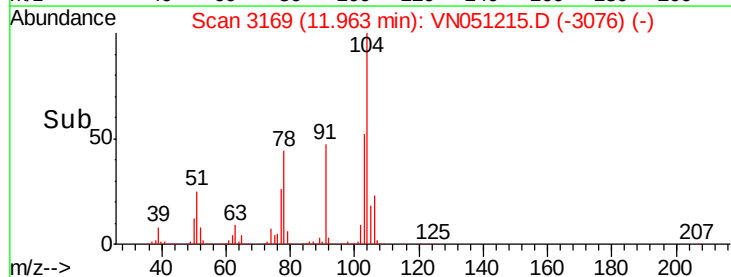
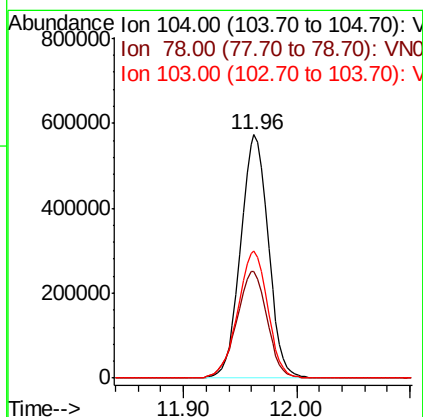
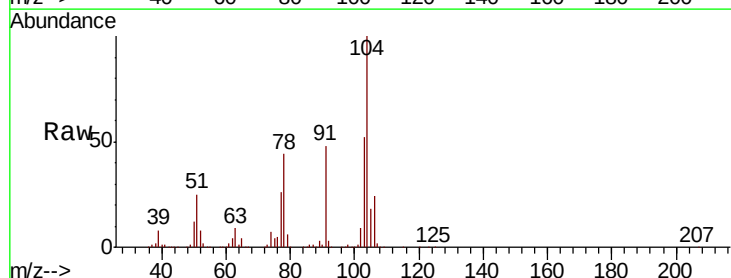
Instrument :
MSVOA_N
ClientSampled :

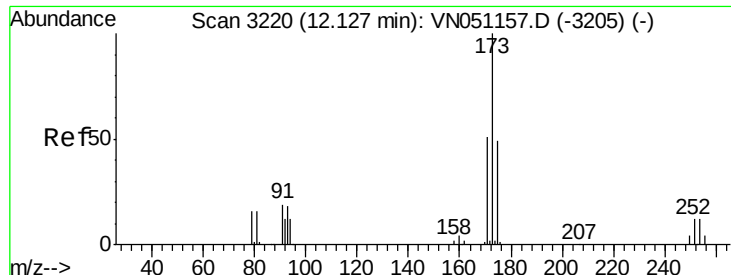
Tot Ion:106 Resp: 614966
Ion Ratio Lower Upper
106 100
91 210.9 105.1 315.1



#70
Styrene
Concen: 49.88 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051215.D
Acq: 15 Sep 2018 10:43

Tgt Ion:104 Resp: 980135
Ion Ratio Lower Upper
104 100
78 48.0 37.7 56.5
103 56.4 44.6 67.0





#71

Bromoform

Concen: 45.21 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Instrument :

MSVOA_N

ClientSampled :

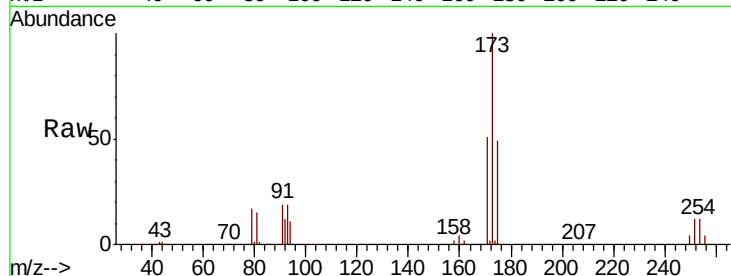
Tot Ion:173 Resp: 240922

Ion Ratio Lower Upper

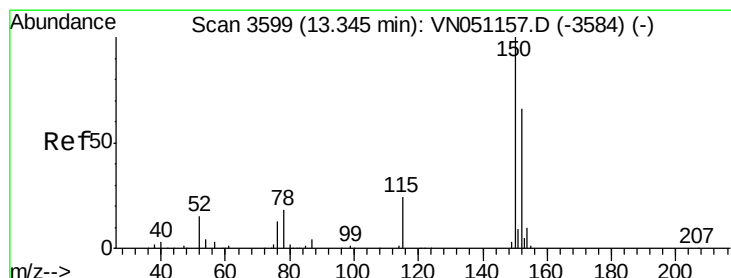
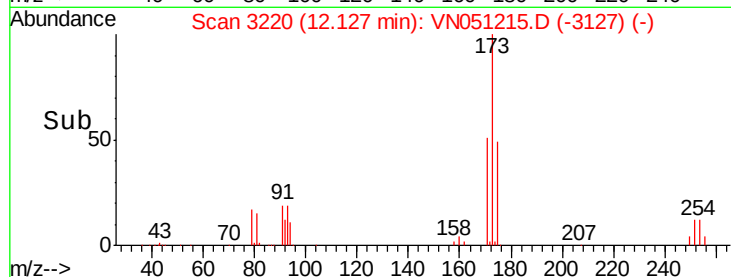
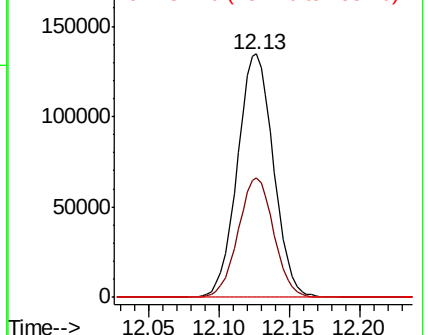
173 100

175 48.3 24.3 72.9

254 0.0 0.0 0.0#



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: VN051215.D

Acq: 15 Sep 2018 10:43

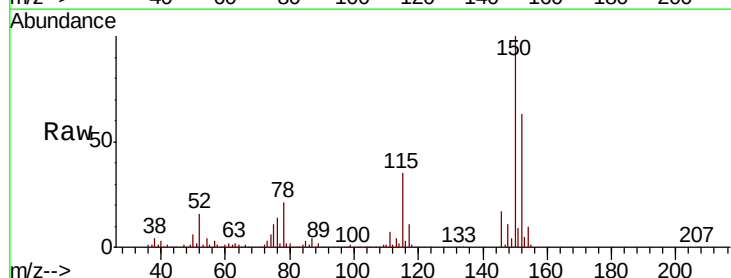
Tgt Ion:152 Resp: 422395

Ion Ratio Lower Upper

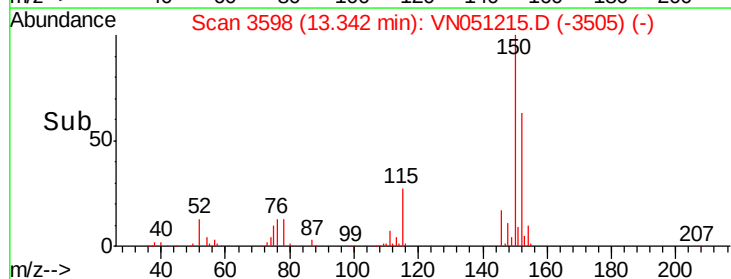
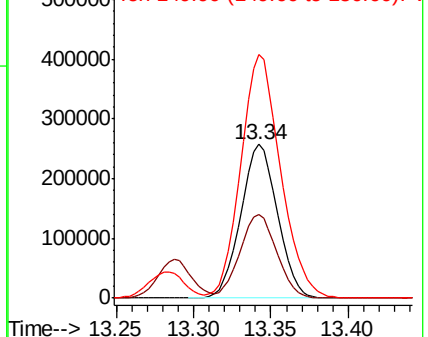
152 100

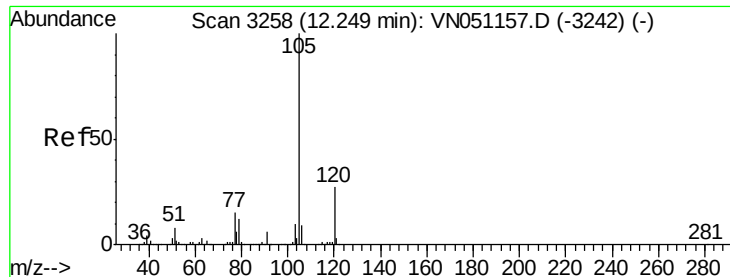
115 54.8 28.2 84.7

150 172.7 0.0 349.0



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: 46.08 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Instrument :

MSVOA_N

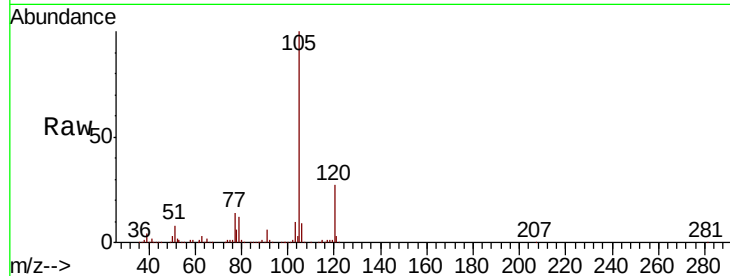
ClientSampled :

Tot Ion:105 Resp: 1632169

Ion Ratio Lower Upper

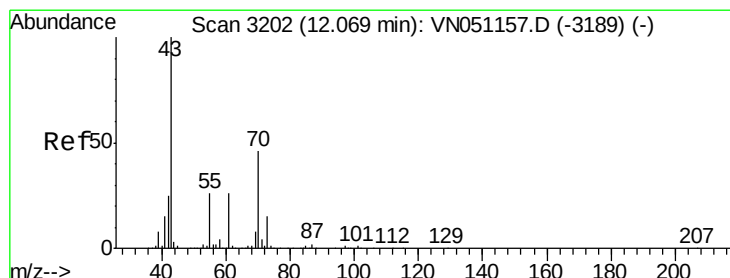
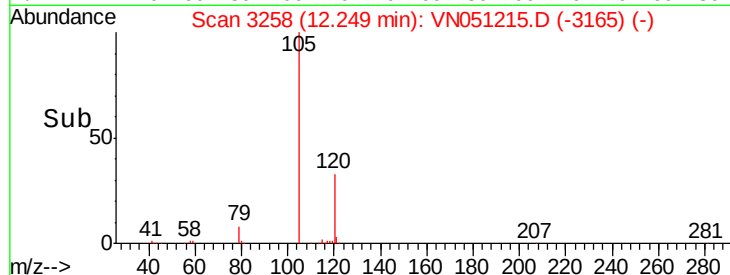
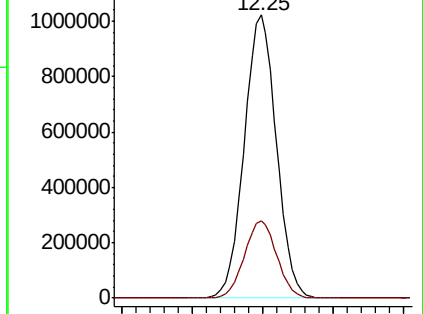
105 100

120 27.3 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 38.11 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Tgt Ion: 43 Resp: 339749

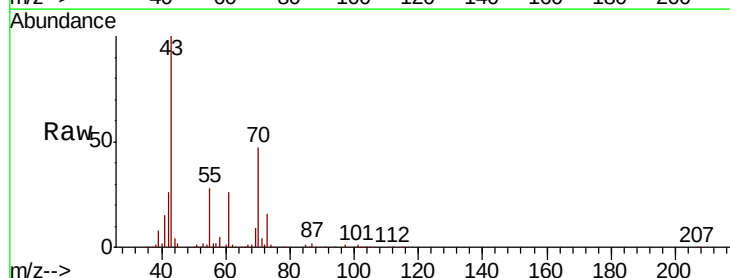
Ion Ratio Lower Upper

43 100

70 47.5 37.0 55.4

55 28.0 21.3 31.9

61 26.3 20.7 31.1

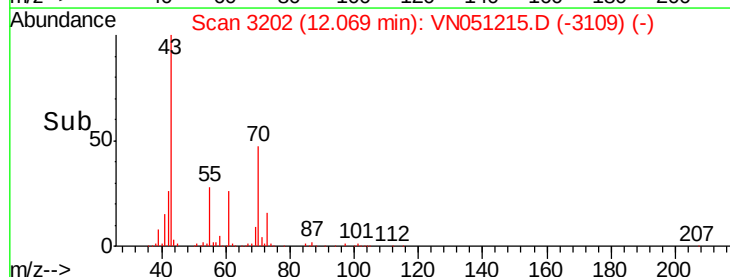
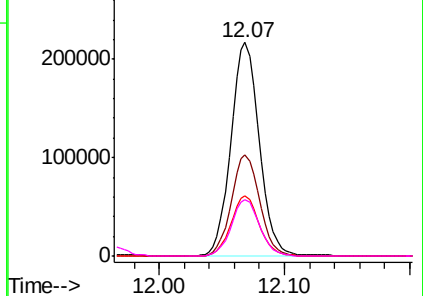


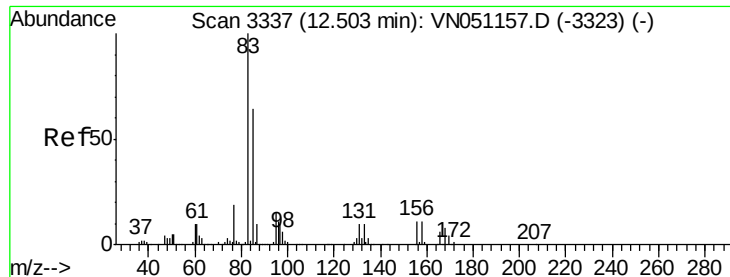
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 44.08 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Instrument :

MSVOA_N

ClientSampleId :

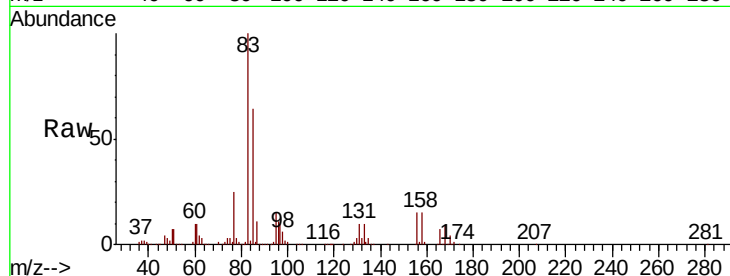
Tot Ion: 83 Resp: 359772

Ion Ratio Lower Upper

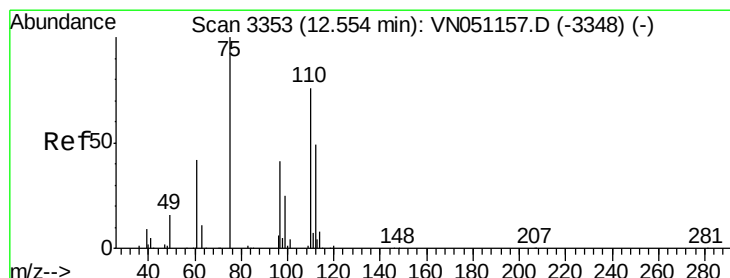
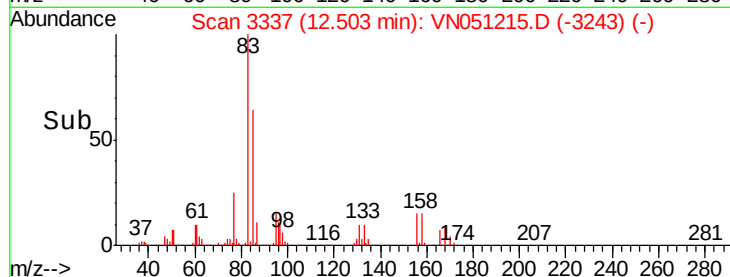
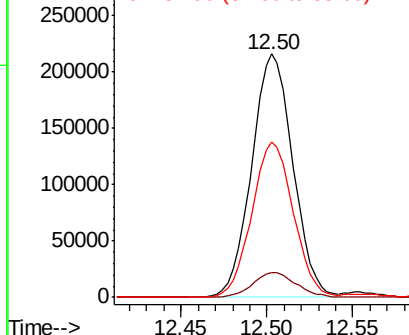
83 100

131 10.8 5.3 16.1

85 64.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 64.82 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051215.D

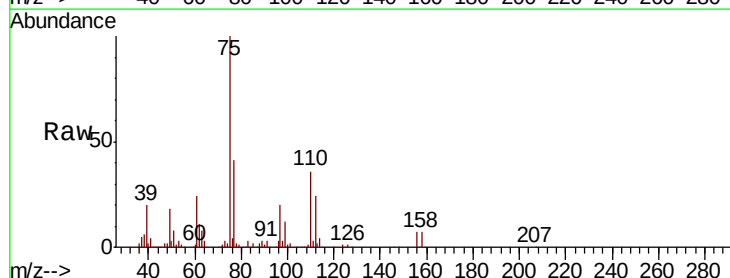
Acq: 15 Sep 2018 10:43

Tgt Ion: 75 Resp: 421579

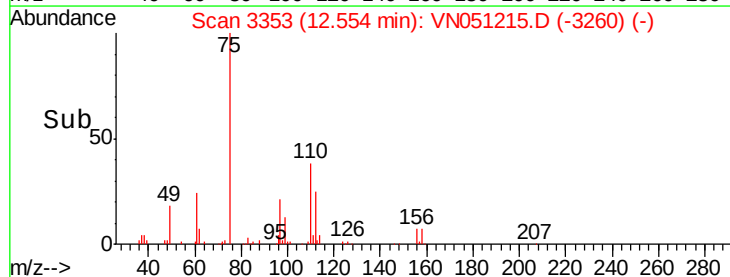
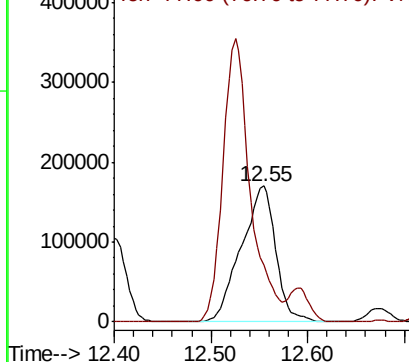
Ion Ratio Lower Upper

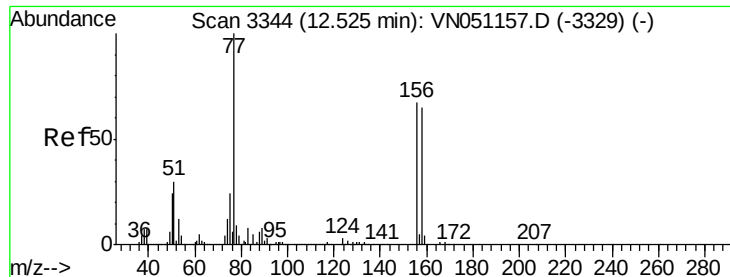
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 43.49 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Instrument :

MSVOA_N

ClientSampleId :

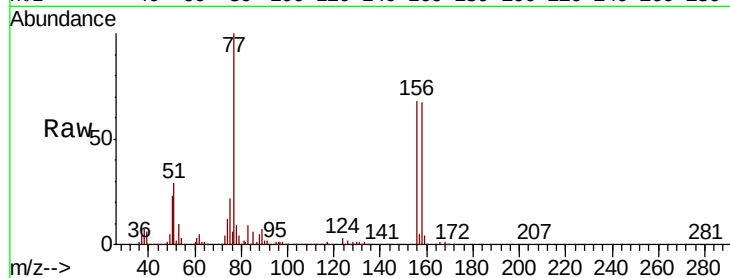
Tot Ion:156 Resp: 413755

Ion Ratio Lower Upper

156 100

77 169.2 87.5 262.6

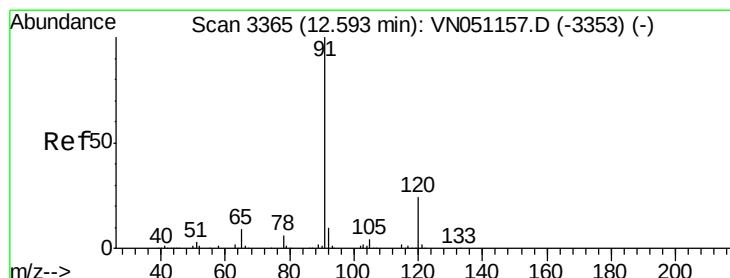
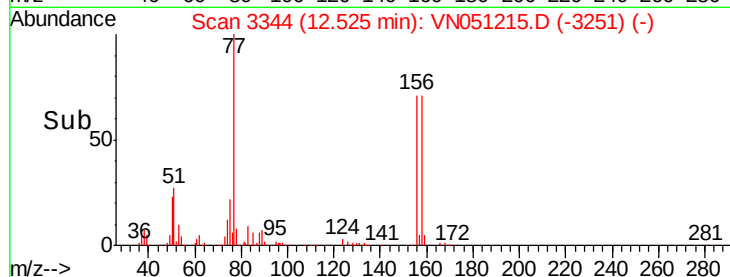
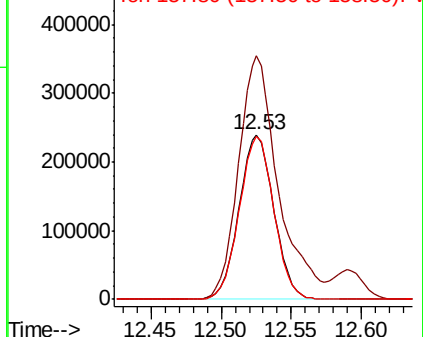
158 98.4 49.0 147.2



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: 46.99 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051215.D

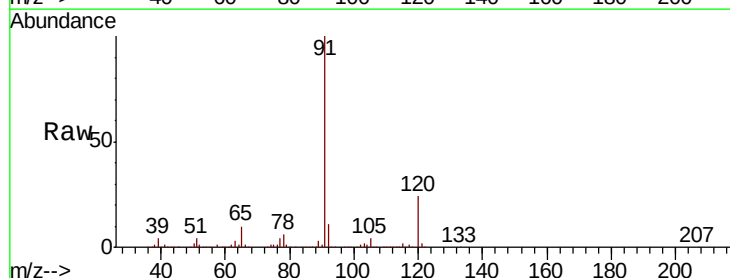
Acq: 15 Sep 2018 10:43

Tgt Ion: 91 Resp: 1829512

Ion Ratio Lower Upper

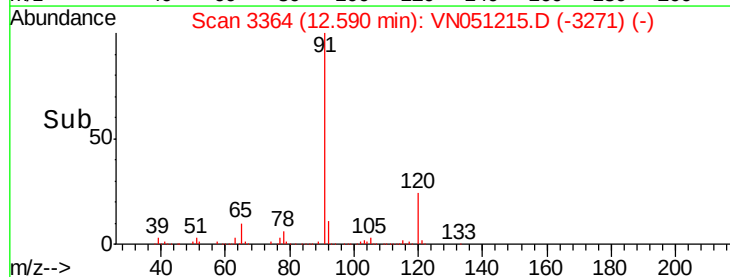
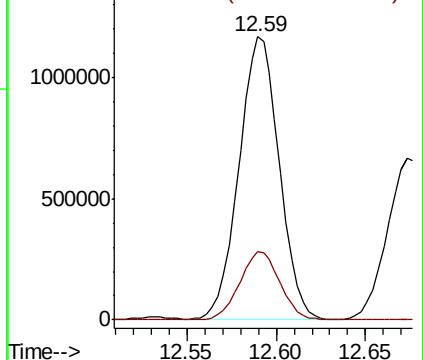
91 100

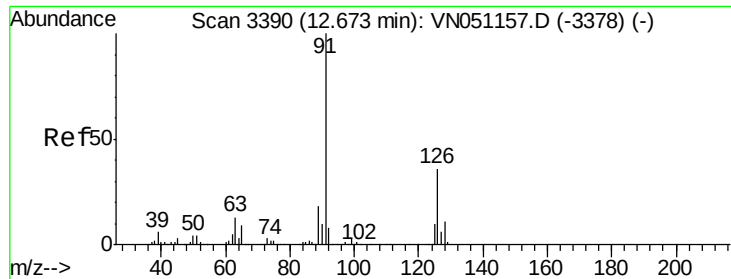
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 44.79 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Instrument :

MSVOA_N

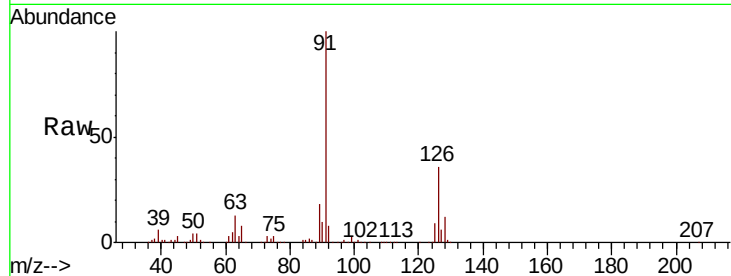
ClientSampled :

Tot Ion: 91 Resp: 1090120

Ion Ratio Lower Upper

91 100

126 35.8 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN051157.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN051157.D (-3378) (-)

800000

600000

400000

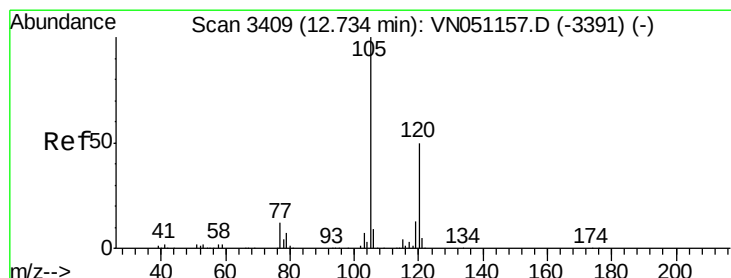
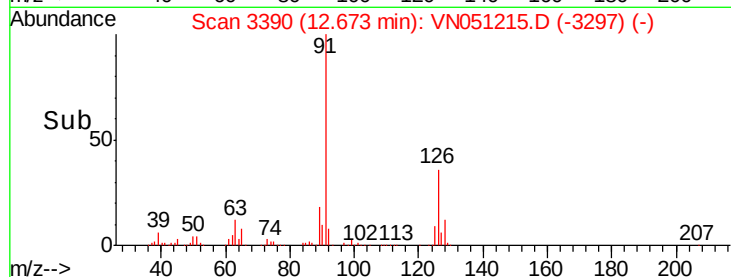
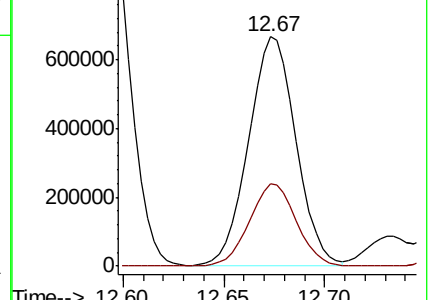
200000

0

12.60

12.65

12.70



#80

1,3,5-Trimethylbenzene

Concen: 47.02 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051215.D

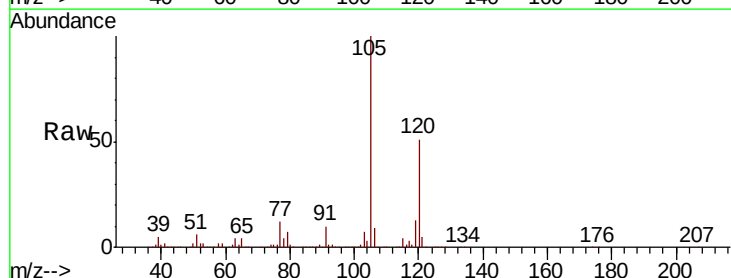
Acq: 15 Sep 2018 10:43

Tgt Ion:105 Resp: 1346496

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN051157.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN051157.D (-3391) (-)

1000000

800000

600000

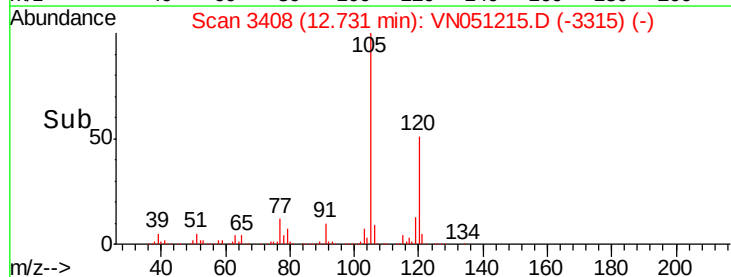
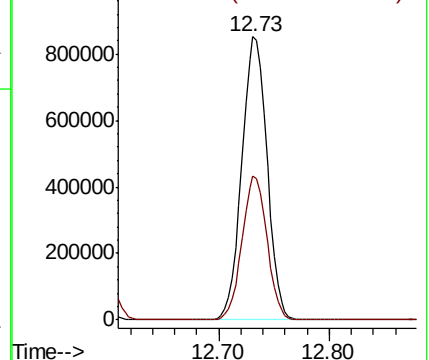
400000

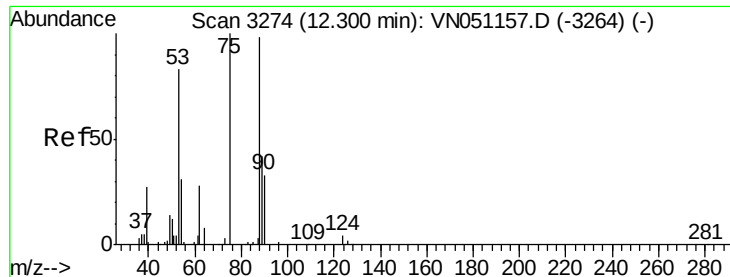
200000

0

12.70

12.80





#81

trans-1,4-Dichloro-2-butene

Concen: 40.60 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Instrument :

MSVOA_N

ClientSampleId :

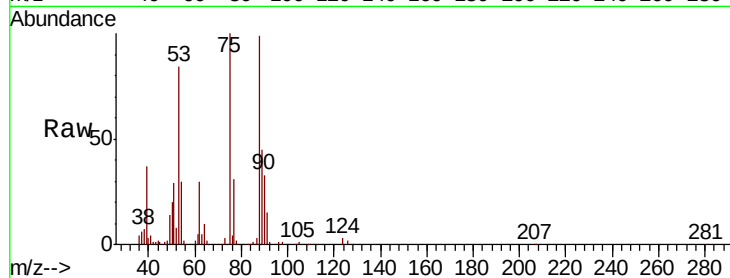
Tot Ion: 75 Resp: 90308

Ion Ratio Lower Upper

75 100

53 84.6 67.8 101.8

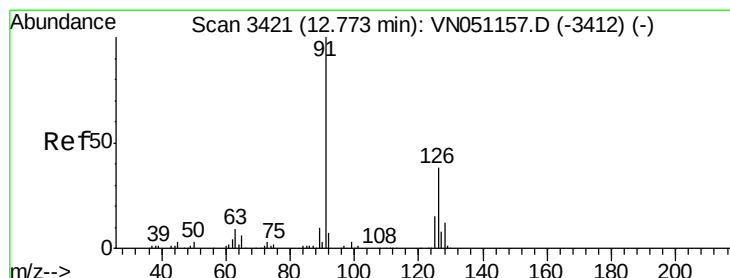
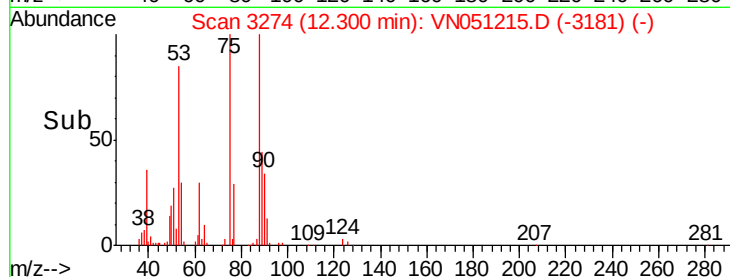
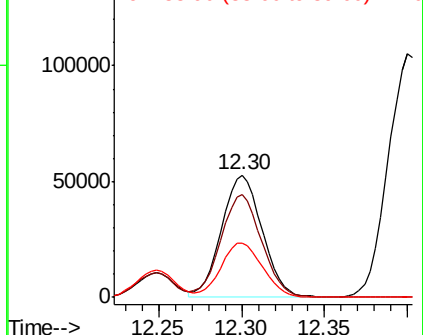
89 45.4 36.0 54.0



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: 44.74 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051215.D

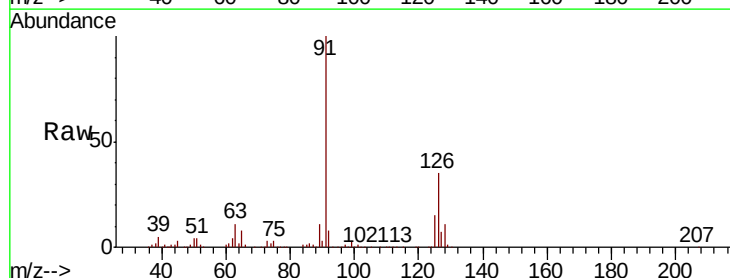
Acq: 15 Sep 2018 10:43

Tgt Ion: 91 Resp: 1080716

Ion Ratio Lower Upper

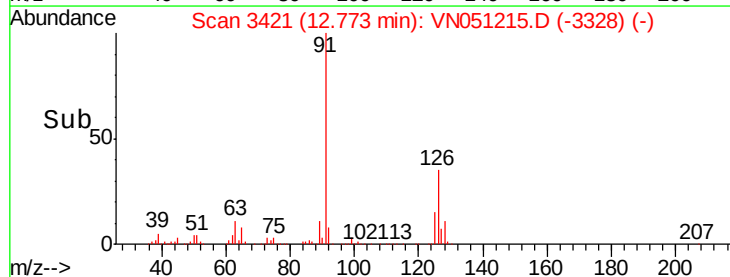
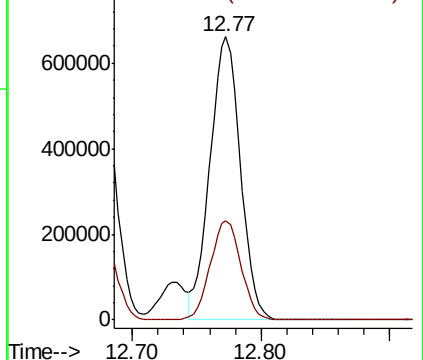
91 100

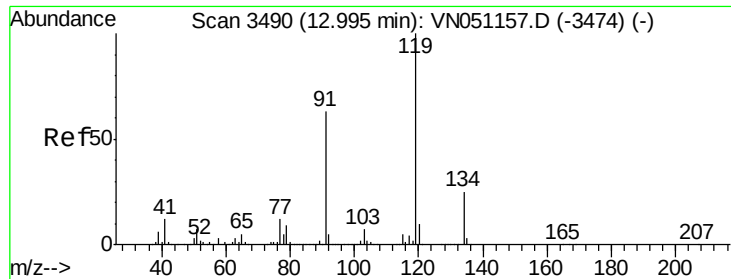
126 35.4 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

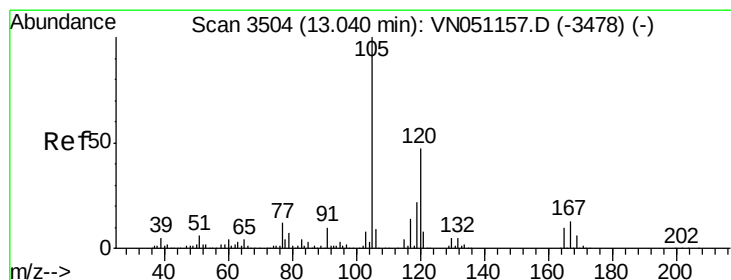
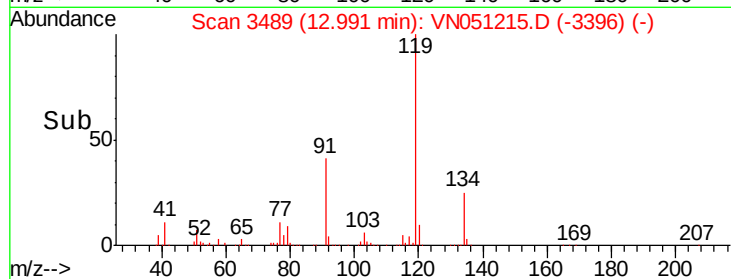
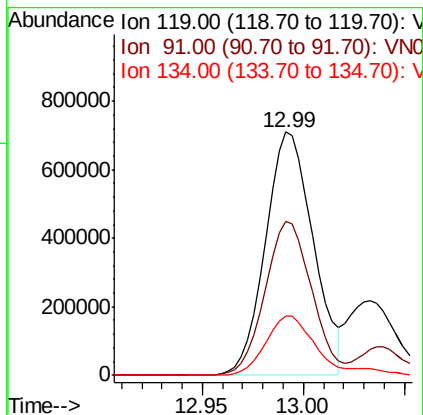
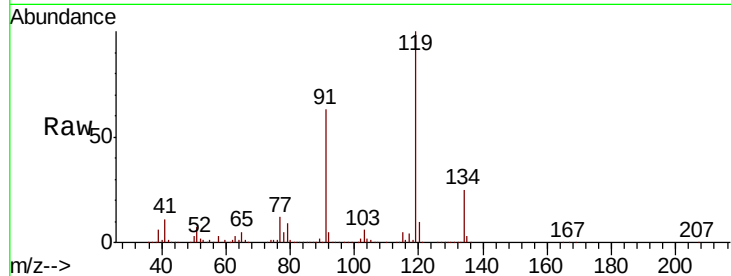




#83
 tert-Butylbenzene
 Concen: 46.18 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN051215.D
 Acq: 15 Sep 2018 10:43

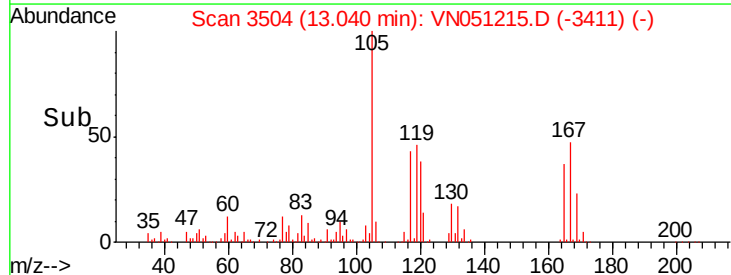
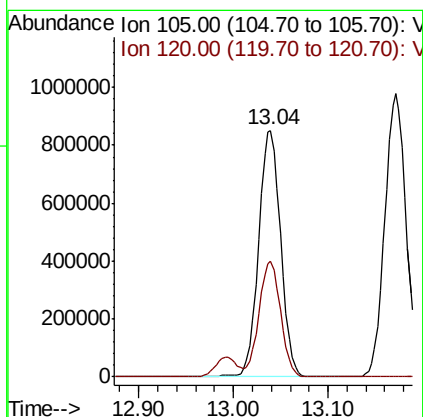
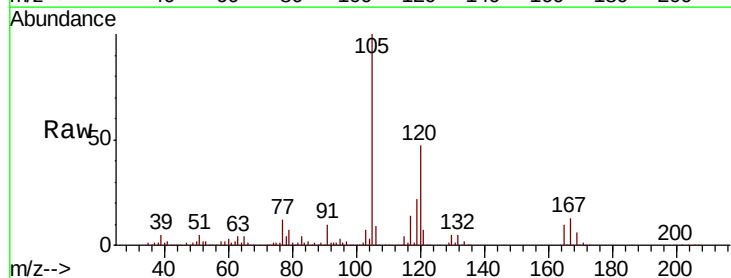
Instrument :
 MSVOA_N
 ClientSampleId :

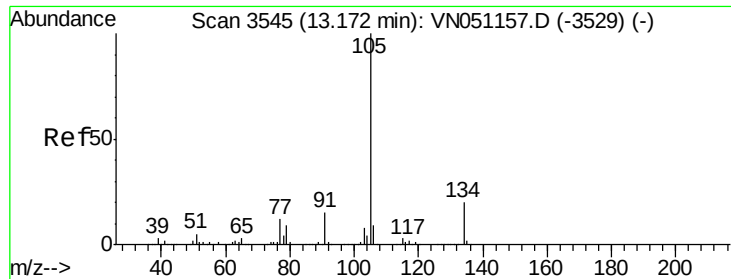
Tot Ion:119 Resp: 1167566
 Ion Ratio Lower Upper
 119 100
 91 61.7 30.8 92.3
 134 24.8 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 48.63 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051215.D
 Acq: 15 Sep 2018 10:43

Tgt Ion:105 Resp: 1369354
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.3 69.8





#85

sec-Butylbenzene

Concen: 47.14 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Instrument :

MSVOA_N

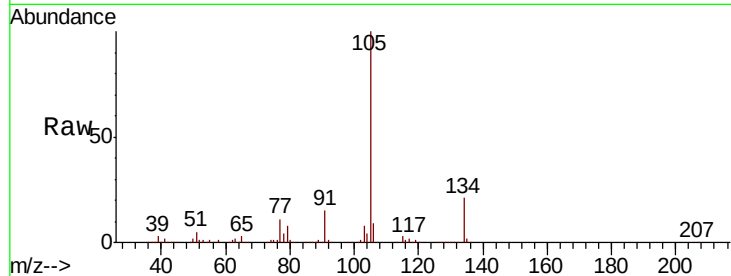
ClientSampled :

Tot Ion:105 Resp: 1528608

Ion Ratio Lower Upper

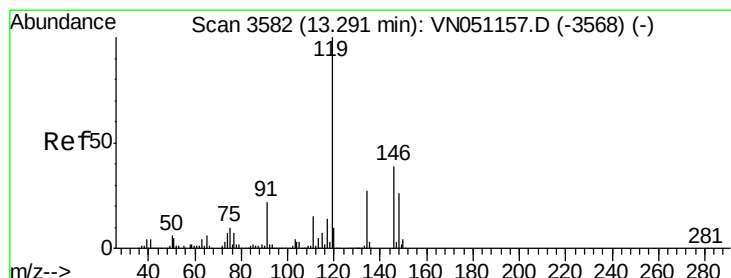
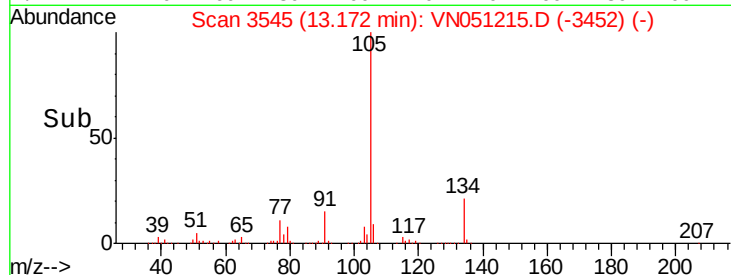
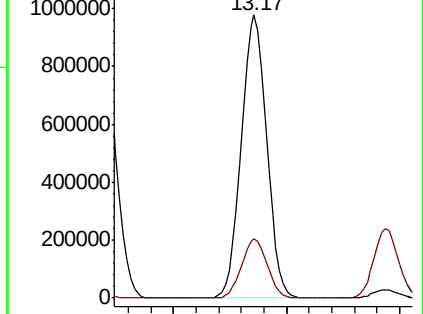
105 100

134 20.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.15 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

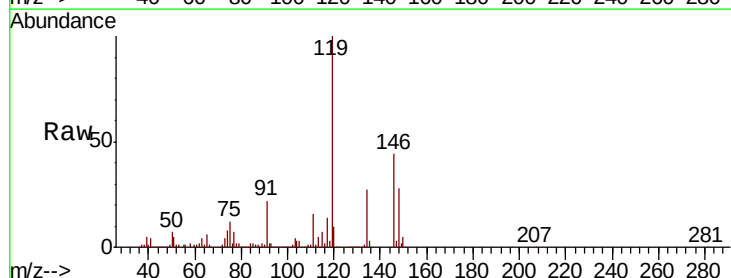
Tgt Ion:119 Resp: 1351390

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

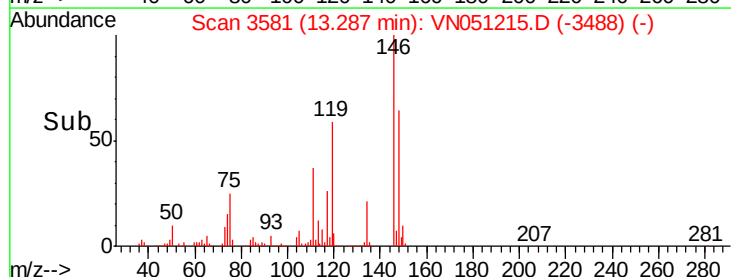
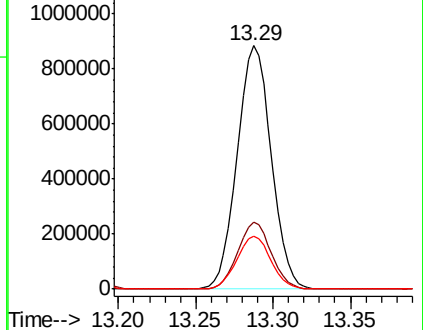
91 21.7 10.9 32.9

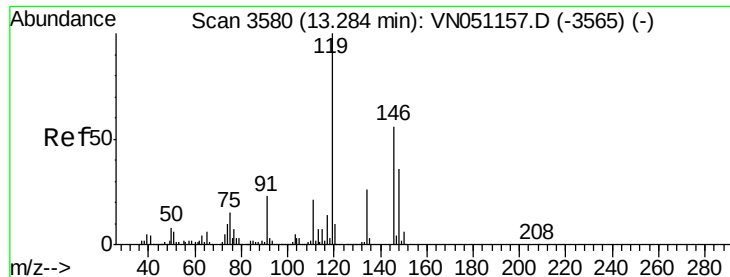


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 44.19 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Instrument :

MSVOA_N

ClientSampled :

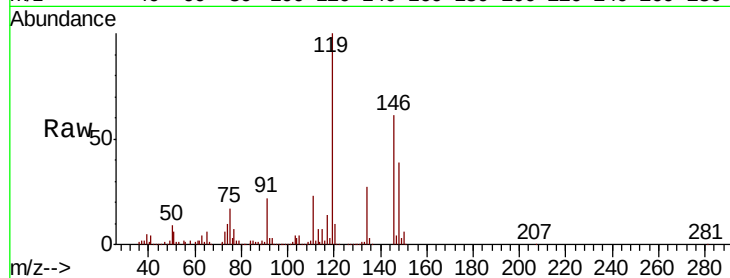
Tot Ion:146 Resp: 713290

Ion Ratio Lower Upper

146 100

111 37.5 19.1 57.1

148 64.2 32.2 96.6

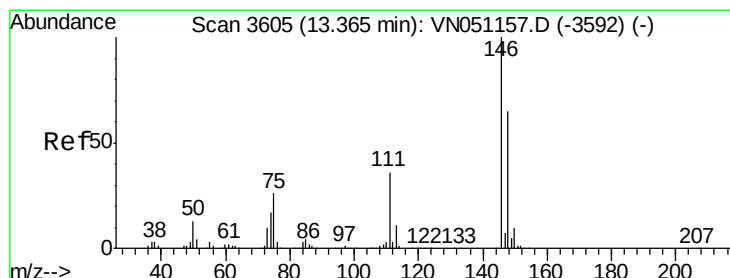
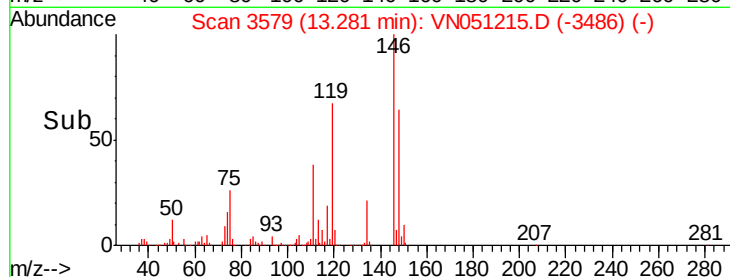
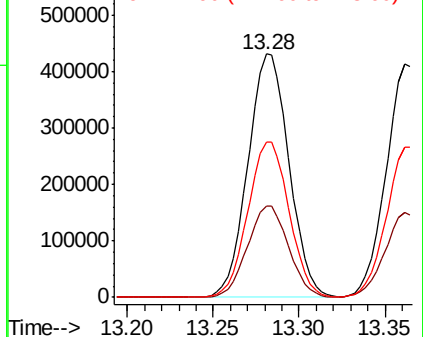


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 45.78 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

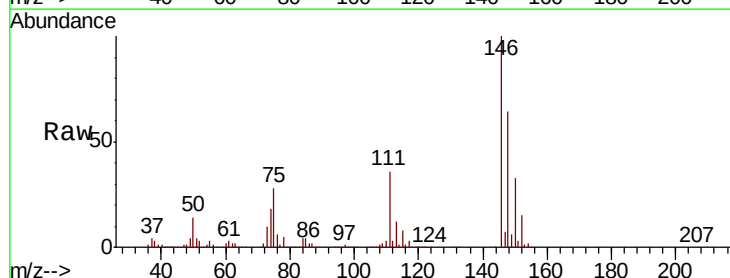
Tgt Ion:146 Resp: 678521

Ion Ratio Lower Upper

146 100

111 36.9 18.4 55.0

148 64.6 32.2 96.6

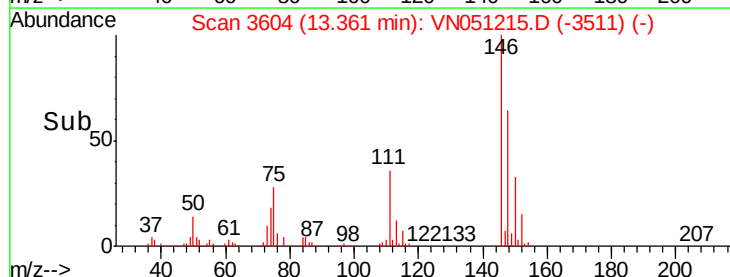
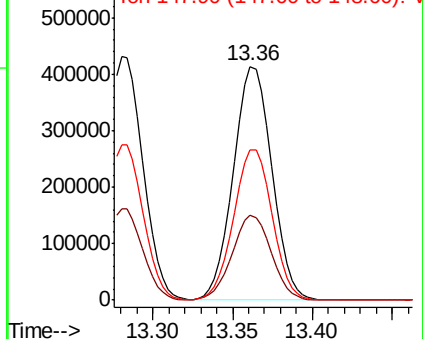


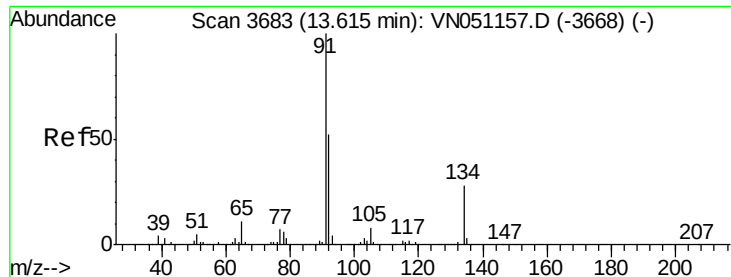
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 48.48 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

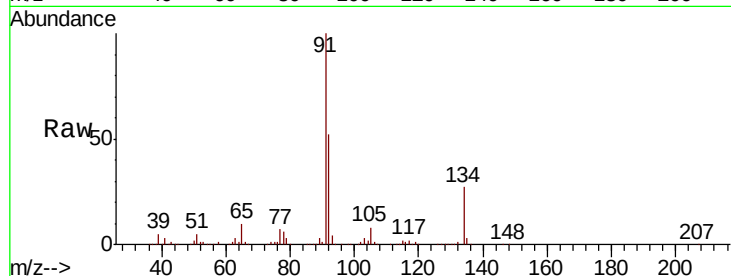
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 91 Resp: 1037457

Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.2	78.6
134	27.6	13.7	41.1

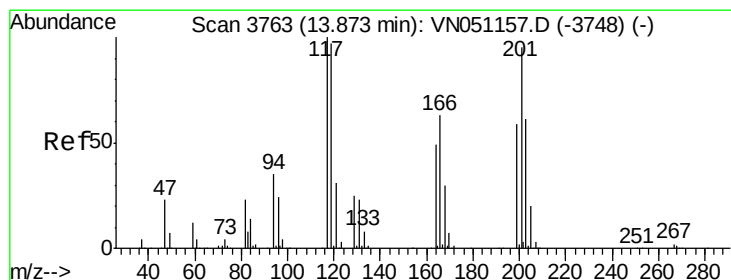
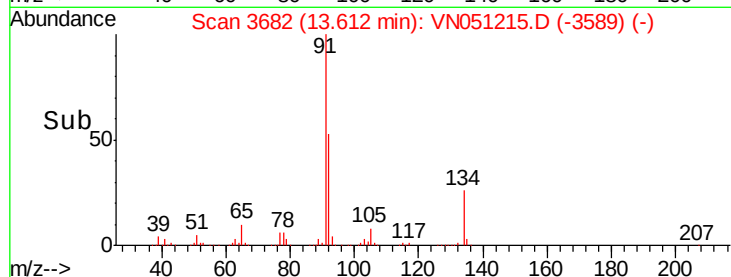
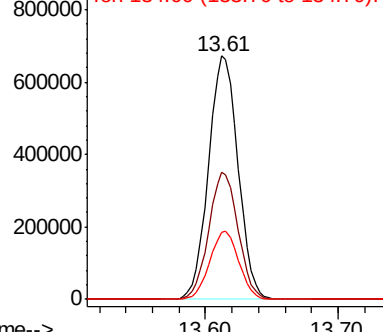


Abundance

Ion 91.00 (90.70 to 91.70): VN051157.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN051157.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN051157.D (-3668) (-)



#90

Hexachloroethane

Concen: 48.62 ug/l

RT: 13.87 min Scan# 3763

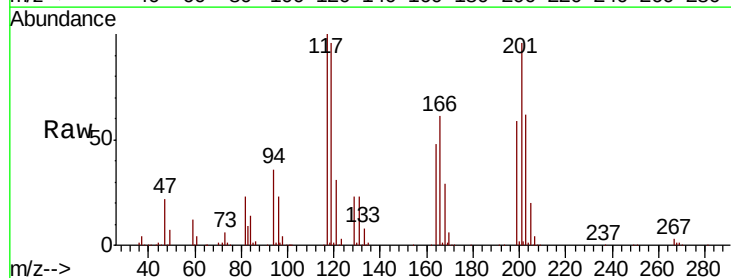
Delta R.T. 0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Tgt Ion: 117 Resp: 243448

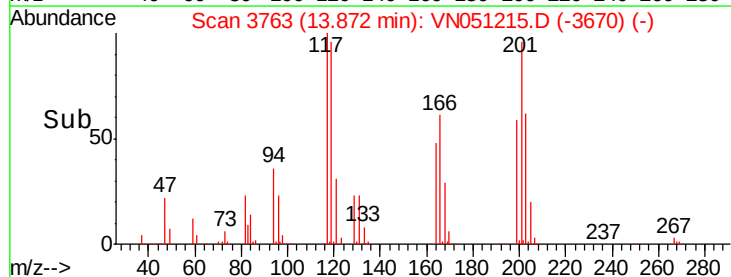
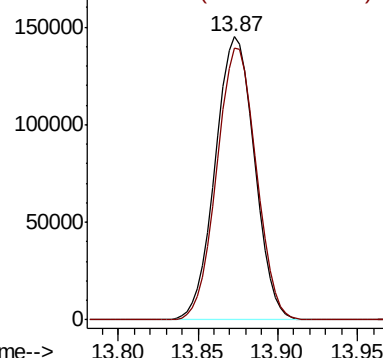
Ion	Ratio	Lower	Upper
117	100		
201	96.1	47.3	142.0

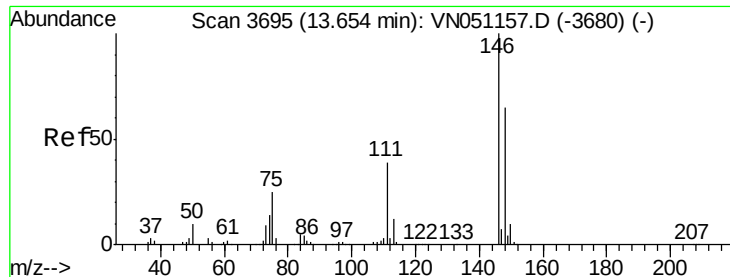


Abundance

Ion 116.80 (116.50 to 117.50): VN051157.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN051157.D (-3748) (-)

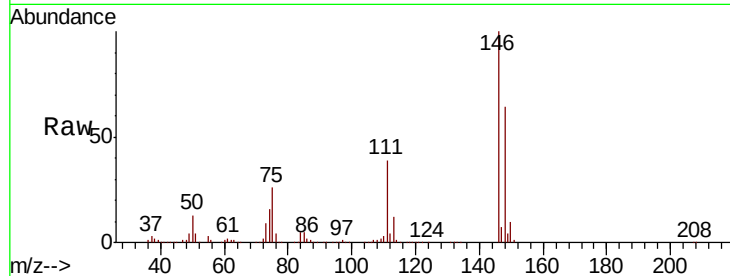




#91
 1,2-Dichlorobenzene
 Concen: 42.96 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN051215.D
 Acq: 15 Sep 2018 10:43

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.7	59.0
148	64.3	32.1	96.3

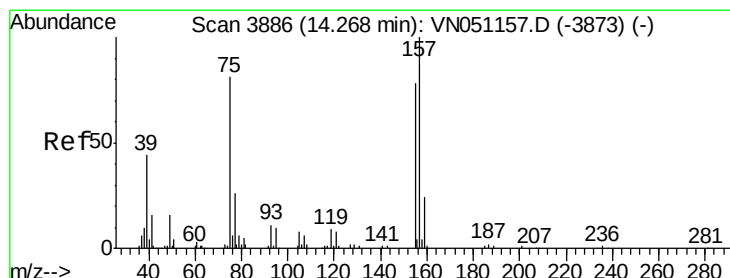
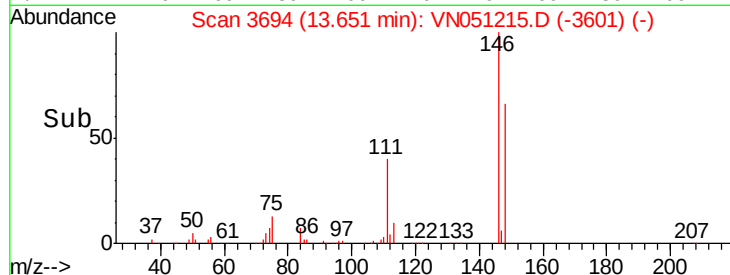
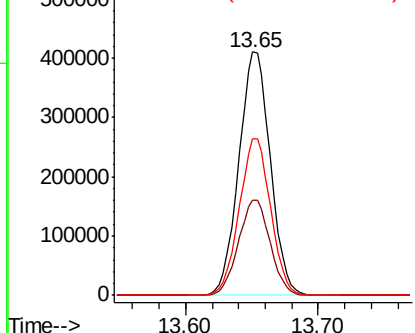


Abundance

Ion 145.90 (145.60 to 146.60): V

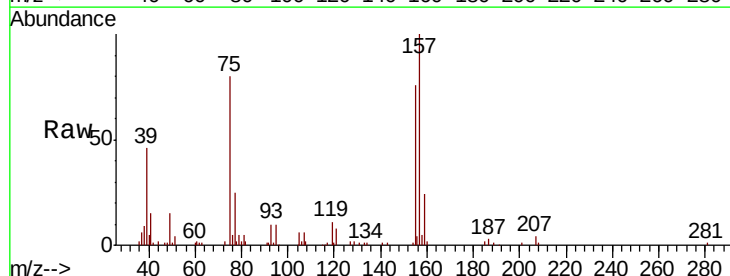
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 39.15 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN051215.D
 Acq: 15 Sep 2018 10:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.0	48.7	146.1
157	126.7	63.6	190.9

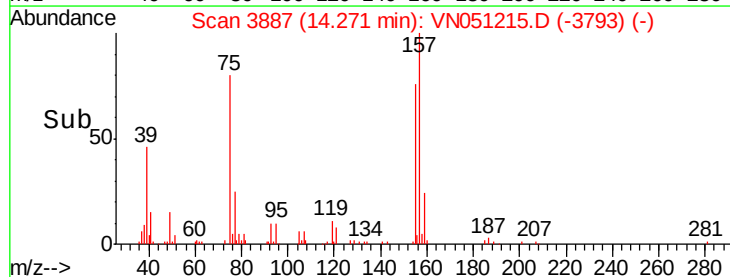
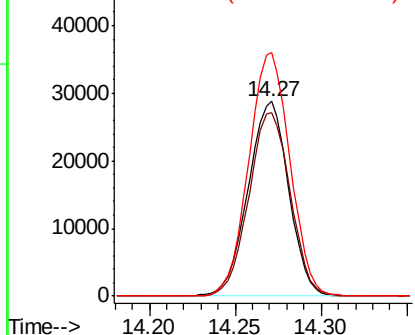


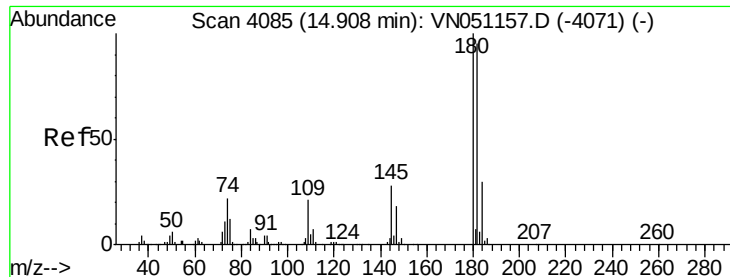
Abundance

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

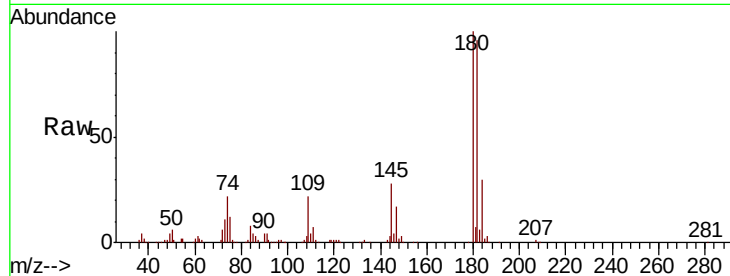




#93
 1,2,4-Trichlorobenzene
 Concen: 39.68 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051215.D
 Acq: 15 Sep 2018 10:43

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.3	141.8
145	28.2	14.2	42.6

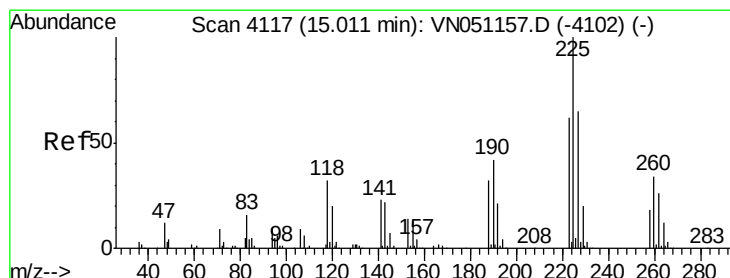
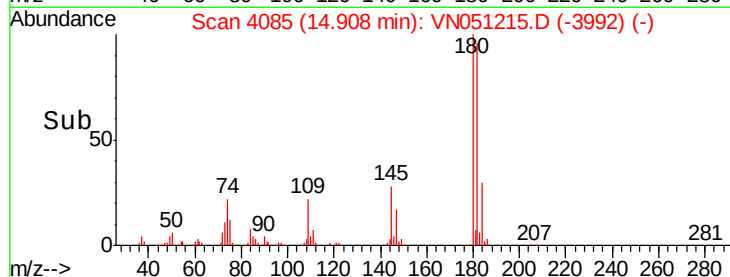
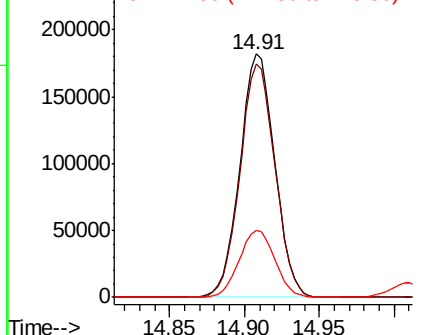


Abundance

Ion 179.80 (179.50 to 180.50): V

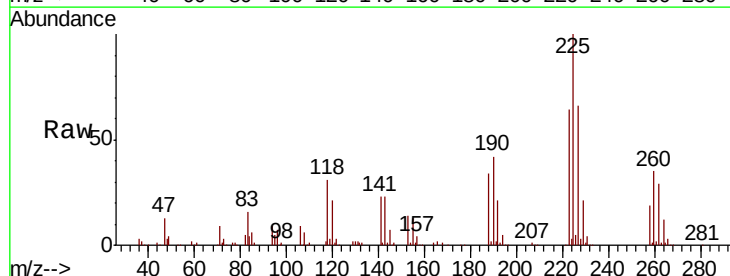
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 51.42 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051215.D
 Acq: 15 Sep 2018 10:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.4	94.0
227	64.9	32.1	96.3

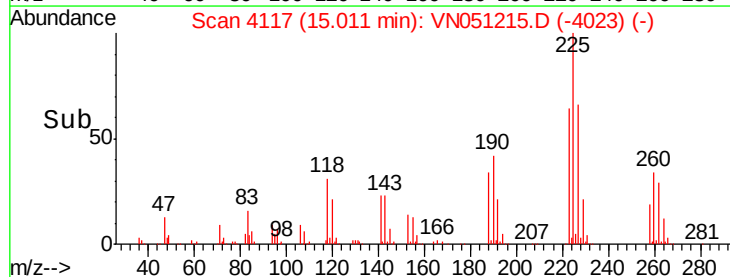
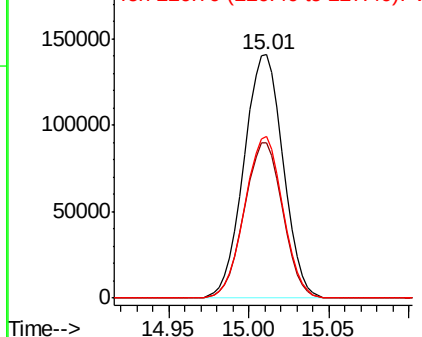


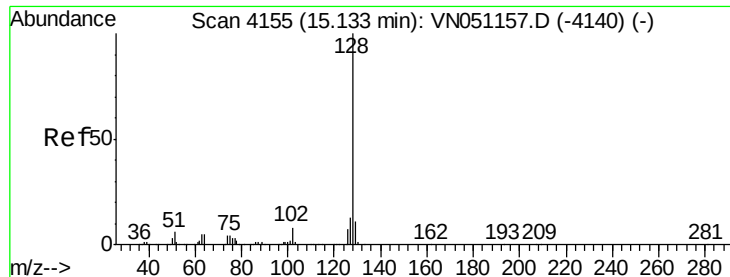
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 34.62 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

Instrument :

MSVOA_N

ClientSampleId :

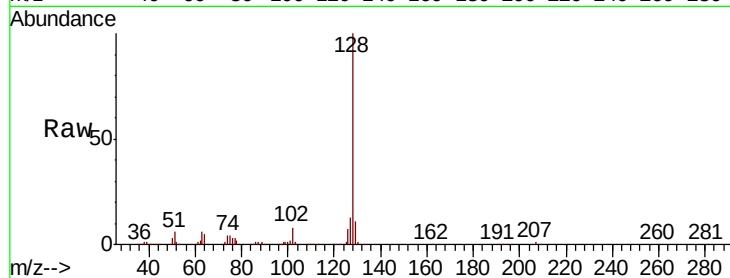
Tot Ion:128 Resp: 520562

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

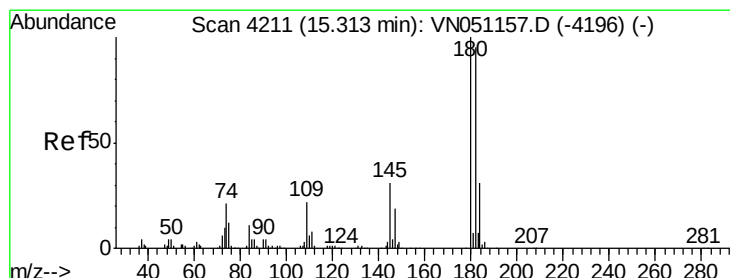
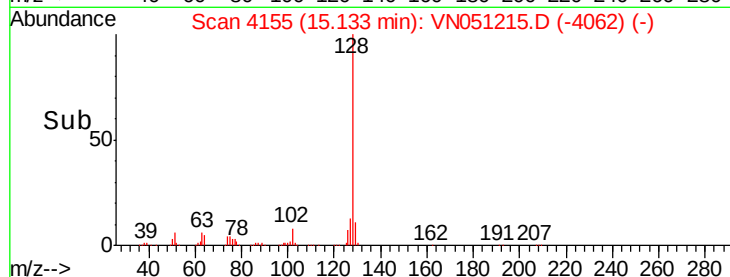
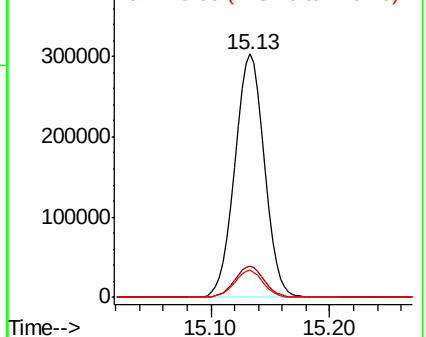
129 10.8 8.6 12.8



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: 39.54 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN051215.D

Acq: 15 Sep 2018 10:43

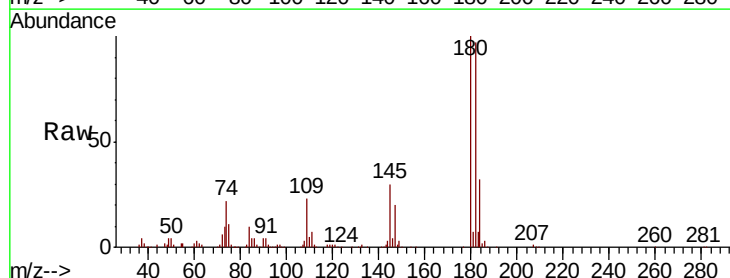
Tgt Ion:180 Resp: 282344

Ion Ratio Lower Upper

180 100

182 97.0 47.8 143.3

145 29.7 14.6 43.8



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

