

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051108.D
 Acq On : 11 Sep 2018 4:28
 Operator : MD\SY
 Sample : J4693-12MSD
 Misc : 5.80g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MSD

Quant Time: Sep 11 06:43:25 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	597989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	874905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	825450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	532678	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	337625	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
35) Dibromofluoromethane	7.59	113	325058	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
50) Toluene-d8	10.09	98	1334775	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
62) 4-Bromofluorobenzene	12.39	95	879981	106.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	250063	43.36	ug/l	100
3) Chloromethane	2.05	50	342639	45.96	ug/l	99
4) Vinyl Chloride	2.18	62	337289	42.61	ug/l	99
5) Bromomethane	2.51	94	105553	23.10	ug/l	97
6) Chloroethane	2.63	64	214981	44.00	ug/l	99
7) Trichlorofluoromethane	2.97	101	467319	44.55	ug/l	100
8) Diethyl Ether	3.40	74	196177	50.85	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	295499	43.70	ug/l	99
10) Methyl Iodide	3.94	142	276299	44.41	ug/l	99
11) Tert butyl alcohol	4.82	59	125623	247.14	ug/l #	73
12) 1,1-Dichloroethene	3.72	96	294038	46.10	ug/l	98
13) Acrolein	3.60	56	157053	252.83	ug/l	99
14) Allyl chloride	4.31	41	453578	46.67	ug/l	99
15) Acrylonitrile	4.99	53	601905	267.24	ug/l	100
16) Acetone	3.82	43	386390	234.46	ug/l	98
17) Carbon Disulfide	4.03	76	885085	47.09	ug/l	100
18) Methyl Acetate	4.32	43	287089	53.87	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	868365	51.50	ug/l	100
20) Methylene Chloride	4.54	84	354126	48.17	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	325400	47.03	ug/l	98
22) Diisopropyl ether	5.95	45	996513	51.66	ug/l	94
23) Vinyl Acetate	5.89	43	3381545	259.03	ug/l	100
24) 1,1-Dichloroethane	5.84	63	587979	48.04	ug/l	100
25) 2-Butanone	6.84	43	644093	246.17	ug/l	99
26) 2,2-Dichloropropane	6.82	77	335593	33.50	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	369850	48.73	ug/l	97
28) Bromochloromethane	7.19	49	261517	48.01	ug/l	98
29) Tetrahydrofuran	7.21	42	437402	267.71	ug/l	100
30) Chloroform	7.37	83	587534	48.25	ug/l	99
31) Cyclohexane	7.65	56	513777	47.07	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	495186	47.73	ug/l	99
36) 1,1-Dichloropropene	7.79	75	452356	47.09	ug/l	99
37) Ethyl Acetate	6.93	43	289391	52.02	ug/l	99
38) Carbon Tetrachloride	7.77	117	428020	45.27	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	720507	67.98	ug/l	100
40) Benzene	8.04	78	1404423	48.52	ug/l	100
41) Methacrylonitrile	7.17	41	152553	53.15	ug/l	95
42) 1,2-Dichloroethane	8.12	62	413137	48.97	ug/l	99
43) Isopropyl Acetate	8.17	43	527482	53.74	ug/l #	88
44) Trichloroethene	8.83	130	375160	47.39	ug/l	96
45) 1,2-Dichloropropane	9.12	63	373225	49.90	ug/l	100
46) Dibromomethane	9.21	93	220692	48.36	ug/l	100
47) Bromodichloromethane	9.40	83	453409	48.87	ug/l	100
48) Methyl methacrylate	9.20	41	255856	53.48	ug/l	99
49) 1,4-Dioxane	9.21	88	78568	1047.38	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1385427	255.22	ug/l	100
52) Toluene	10.16	92	893718	50.64	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	471288	50.75	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	528404	48.53	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	287531	44.85	ug/l	99
56) Ethyl methacrylate	10.43	69	607911	69.64	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	552388	51.97	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	953026	262.68	ug/l	99
59) 2-Hexanone	10.75	43	884078	240.15	ug/l	92
60) Dibromochloromethane	10.90	129	358982	49.67	ug/l	98
61) 1,2-Dibromoethane	11.01	107	333401	53.20	ug/l	99
64) Tetrachloroethene	10.63	164	344719	45.77	ug/l	99
65) Chlorobenzene	11.43	112	1005226	48.31	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	350570	46.80	ug/l	100
67) Ethyl Benzene	11.51	91	1702714	50.53	ug/l	100
68) m/p-Xylenes	11.62	106	1291651	99.77	ug/l	99
69) o-Xylene	11.95	106	622397	49.64	ug/l	95
70) Styrene	11.96	104	1007355	51.80	ug/l	97
71) Bromoform	12.13	173	238082	45.14	ug/l #	100
73) Isopropylbenzene	12.25	105	5466668	122.37	ug/l	100
74) N-amyl acetate	12.05	43	4097834	364.51	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.50	83	946696	93.76	ug/l #	91
76) 1,2,3-Trichloropropane	12.55	75	463835	56.35	ug/l #	100
77) Bromobenzene	12.53	156	421750	35.15	ug/l	87
78) n-propylbenzene	12.59	91	11926595	242.89	ug/l	99
79) 2-Chlorotoluene	12.68	91	1082497	35.27	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1219531	33.77	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	96284	34.33	ug/l #	38
82) 4-Chlorotoluene	12.77	91	1072758	35.21	ug/l	91
83) tert-Butylbenzene	12.99	119	1504004	47.17	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1275440	35.92	ug/l	99
85) sec-Butylbenzene	13.17	105	5329718	130.34	ug/l #	77
86) p-Isopropyltoluene	13.29	119	1215646	35.06	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	698142	34.30	ug/l #	51
88) 1,4-Dichlorobenzene	13.36	146	707010	37.83	ug/l #	42
89) n-Butylbenzene	13.62	91	3459905	128.22	ug/l	92
90) Hexachloroethane	13.89	117	893247	142.65	ug/l #	23
91) 1,2-Dichlorobenzene	13.65	146	701067	35.34	ug/l #	70
92) 1,2-Dibromo-3-Chloropropan	14.27	75	60841	40.01	ug/l	99

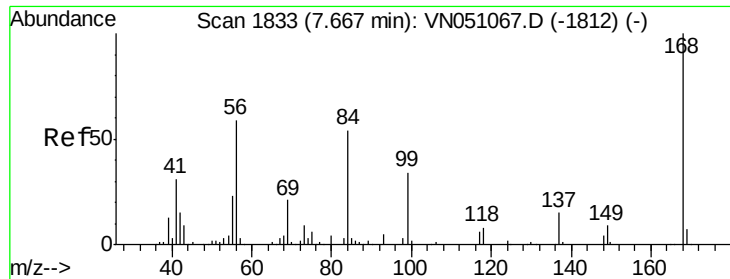
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
Data File : VN051108.D
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Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	410632	43.41	ug/l #	56
94) Hexachlorobutadiene	15.01	225	234008	40.14	ug/l	99
95) Naphthalene	15.13	128	971082	48.64	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	394591	43.50	ug/l #	83

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Instrument :

MSVOA_N

ClientSampleId :

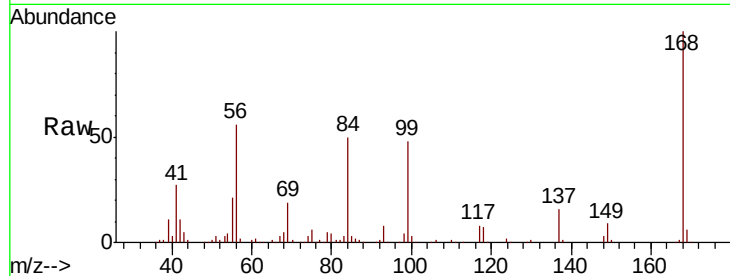
EP1-MW-C(15-20)MSD

Tot Ion:168 Resp: 597989

Ion Ratio Lower Upper

168 100

99 47.5 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

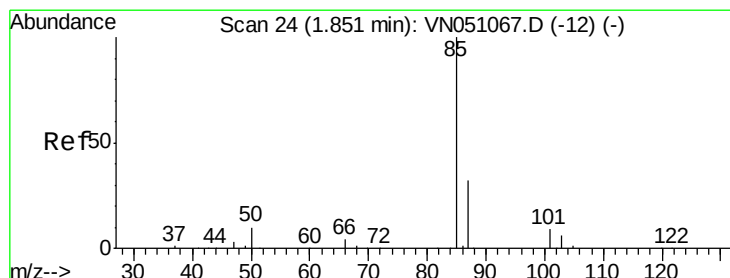
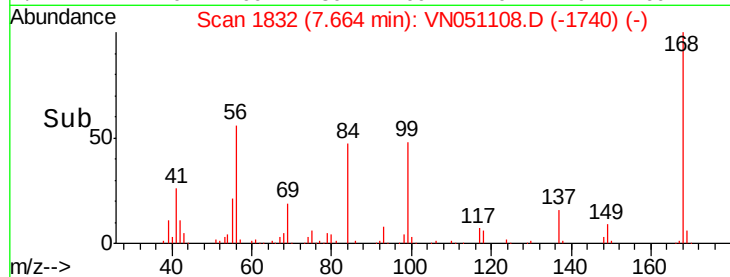
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.36 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN051108.D

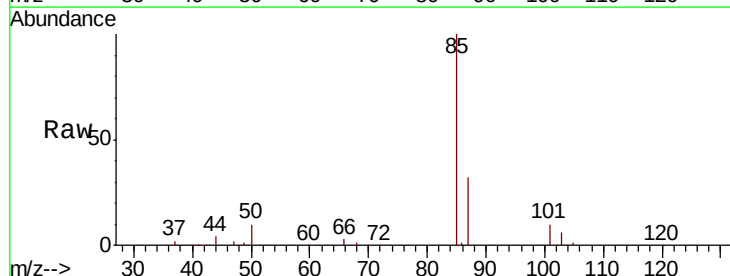
Acq: 11 Sep 2018 4:28

Tgt Ion: 85 Resp: 250063

Ion Ratio Lower Upper

85 100

87 31.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

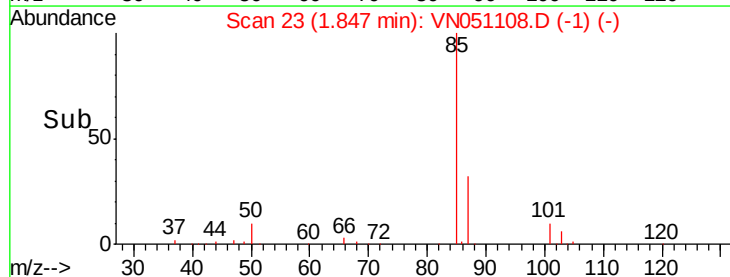
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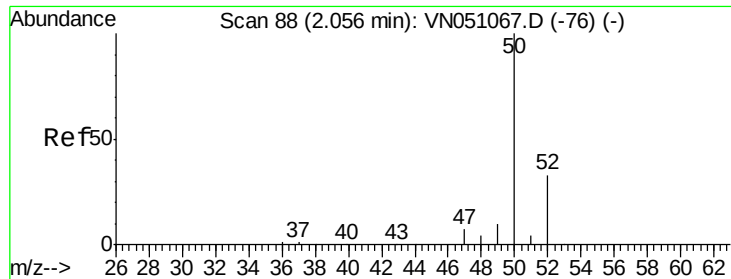
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Time-->

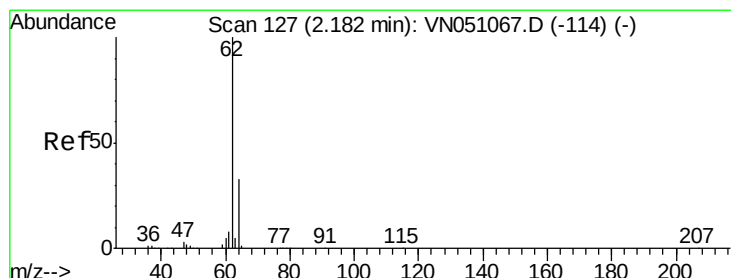
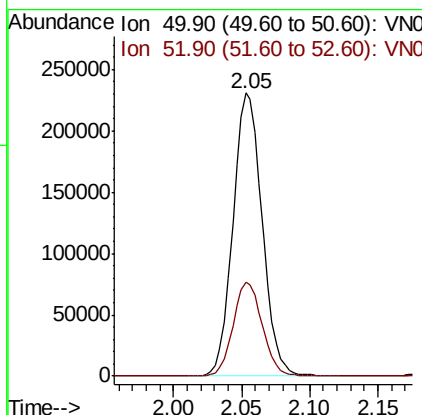
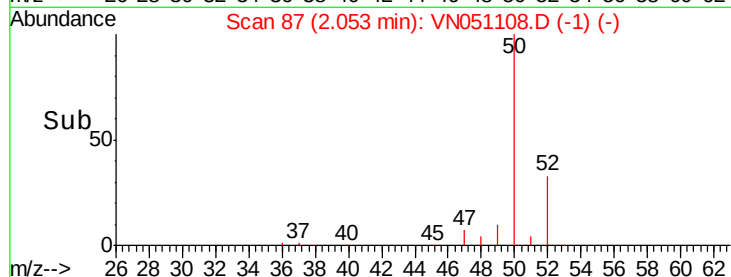
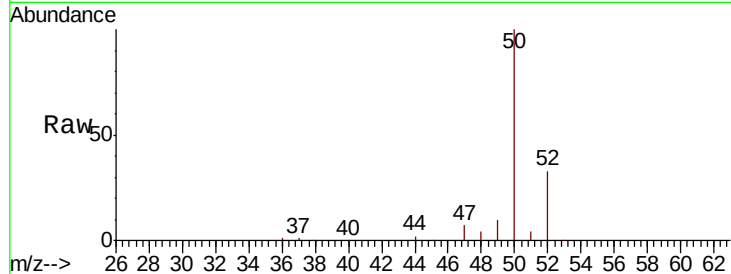




#3
 Chloromethane
 Concen: 45.96 ug/l
 RT: 2.05 min Scan# 87
 Delta R.T. -0.00 min
 Lab File: VN051108.D
 Acq: 11 Sep 2018 4:28

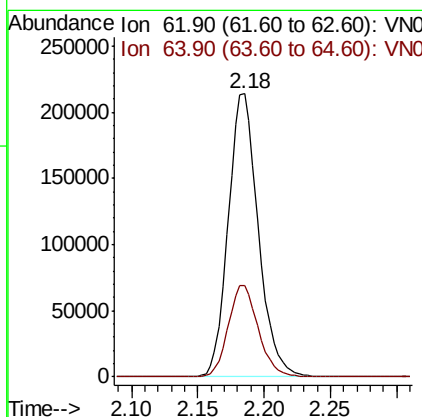
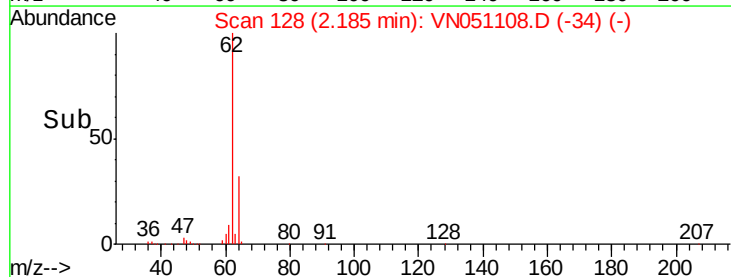
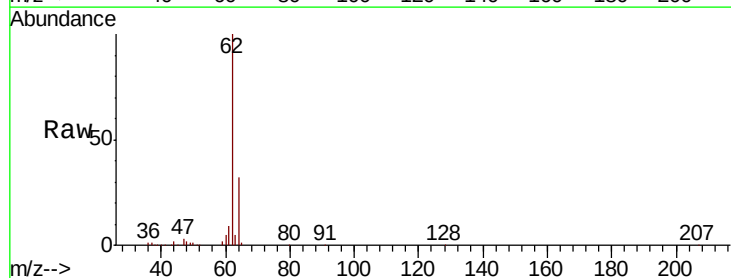
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MSD

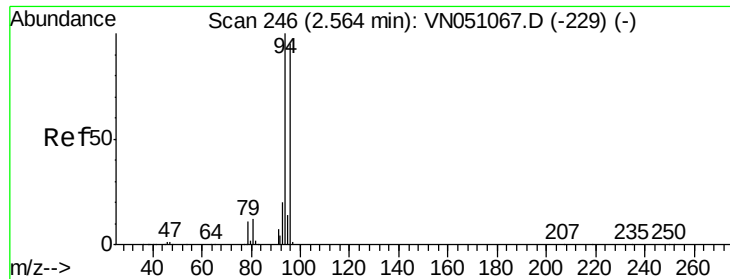
Tot Ion: 50 Resp: 342639
 Ion Ratio Lower Upper
 50 100
 52 33.3 26.0 39.0



#4
 Vinyl Chloride
 Concen: 42.61 ug/l
 RT: 2.18 min Scan# 128
 Delta R.T. 0.00 min
 Lab File: VN051108.D
 Acq: 11 Sep 2018 4:28

Tgt Ion: 62 Resp: 337289
 Ion Ratio Lower Upper
 62 100
 64 32.2 26.2 39.4





#5

Bromomethane

Concen: 23.10 ug/l

RT: 2.51 min Scan# 230

Delta R.T. -0.05 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Instrument :

MSVOA_N

ClientSampleId :

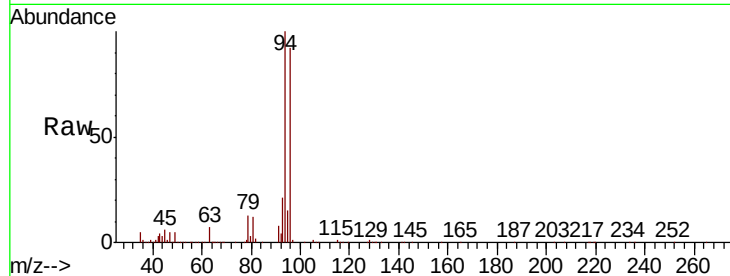
EP1-MW-C(15-20)MSD

Tot Ion: 94 Resp: 105553

Ion Ratio Lower Upper

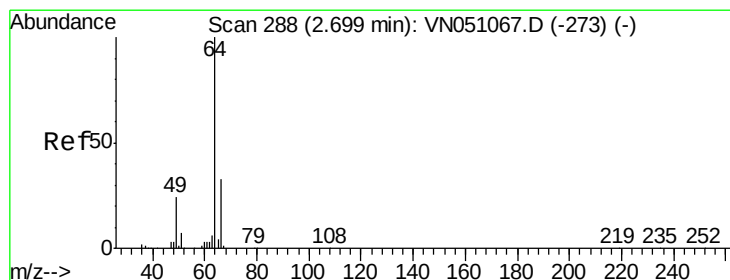
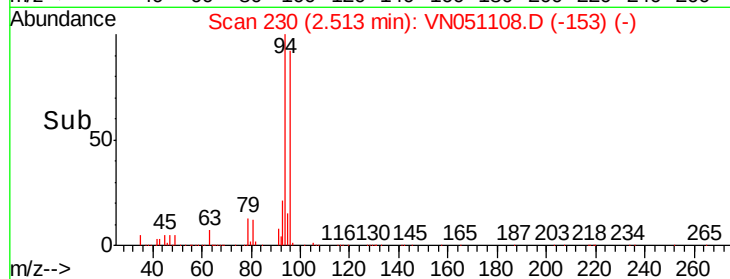
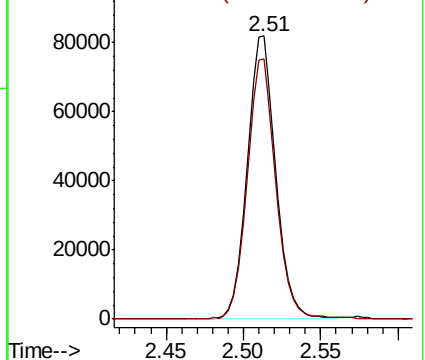
94 100

96 91.9 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 44.00 ug/l

RT: 2.63 min Scan# 266

Delta R.T. -0.07 min

Lab File: VN051108.D

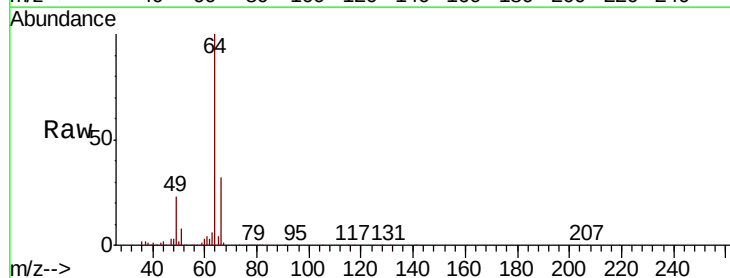
Acq: 11 Sep 2018 4:28

Tgt Ion: 64 Resp: 214981

Ion Ratio Lower Upper

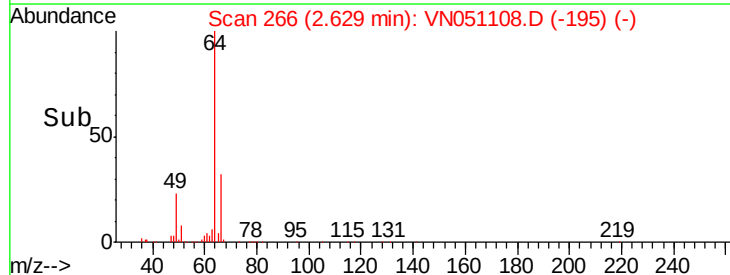
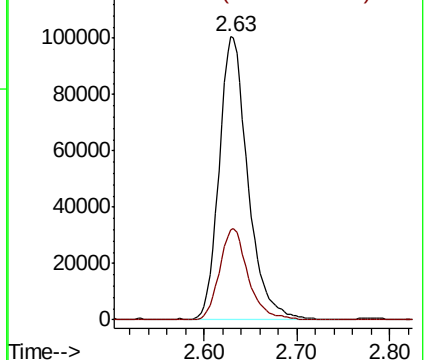
64 100

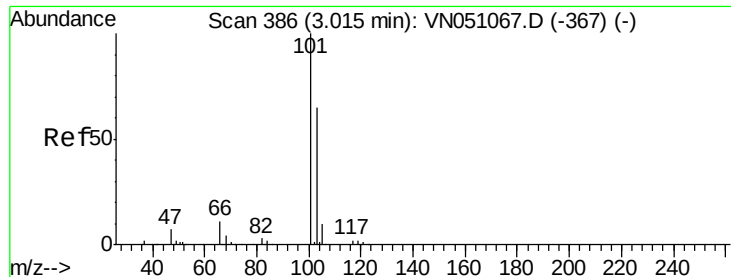
66 31.8 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



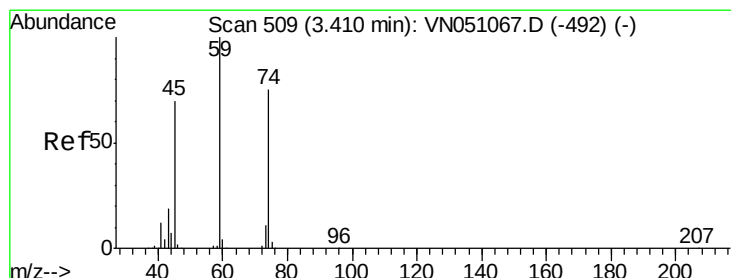
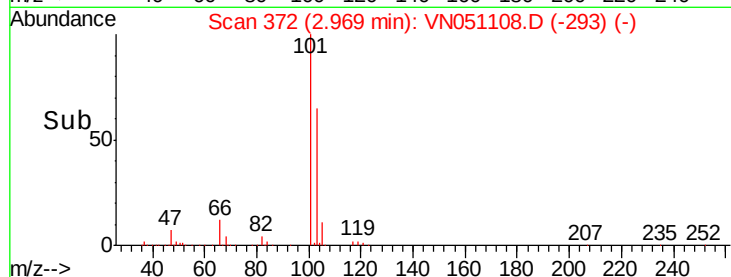
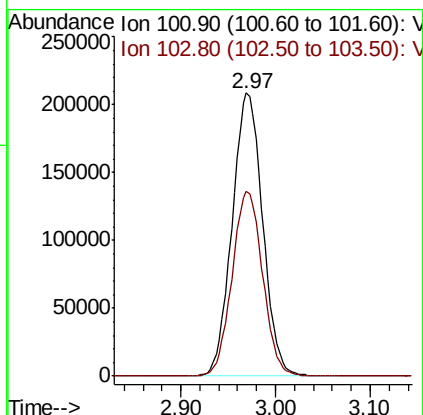
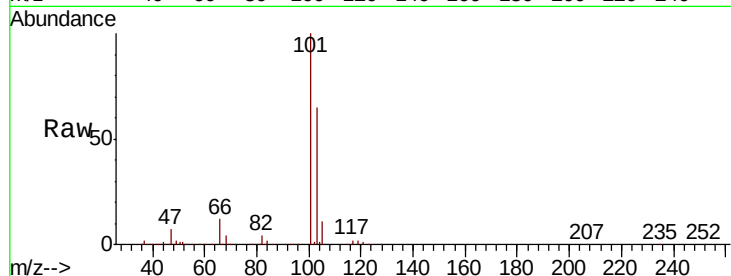


#7

Trichlorofluoromethane
 Concen: 44.55 ug/l
 RT: 2.97 min Scan# 372
 Delta R.T. -0.05 min
 Lab File: VN051108.D
 Acq: 11 Sep 2018 4:28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MSD

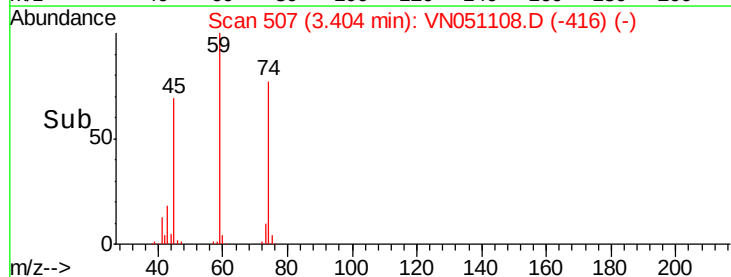
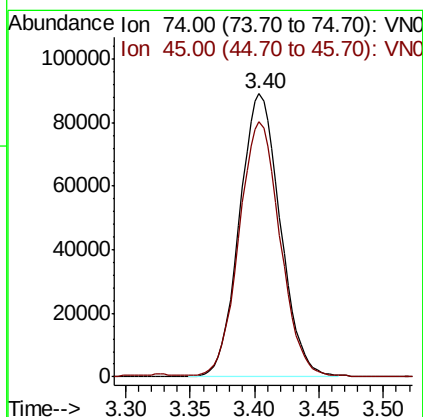
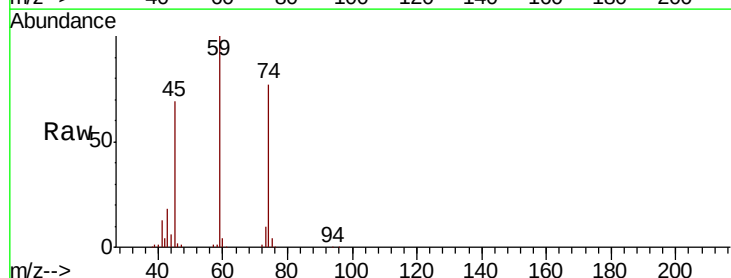
Tot Ion:101 Resp: 467319
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.4 78.6

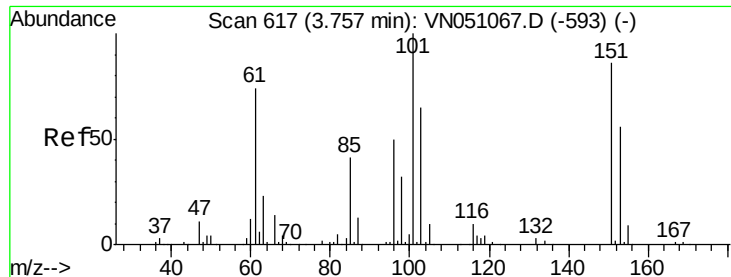


#8

Diethyl Ether
 Concen: 50.85 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: VN051108.D
 Acq: 11 Sep 2018 4:28

Tgt Ion: 74 Resp: 196177
 Ion Ratio Lower Upper
 74 100
 45 90.3 46.7 140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.70 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.02 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MSD

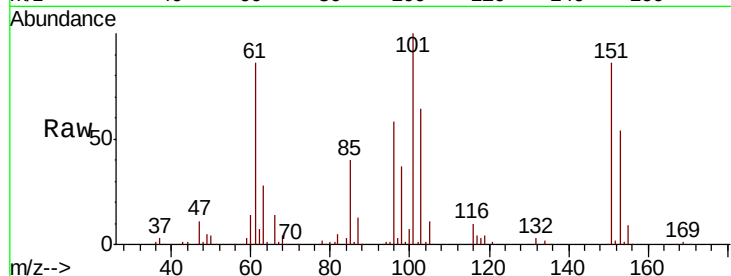
Tot Ion:101 Resp: 295499

Ion Ratio Lower Upper

101 100

85 40.9 33.3 49.9

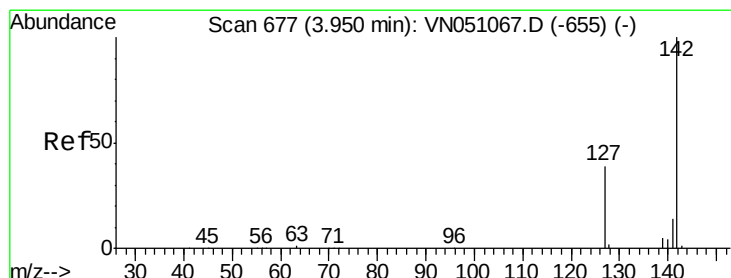
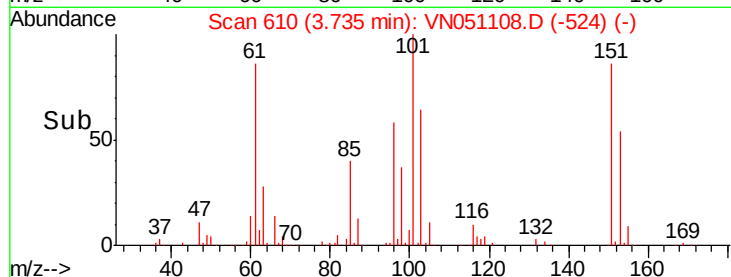
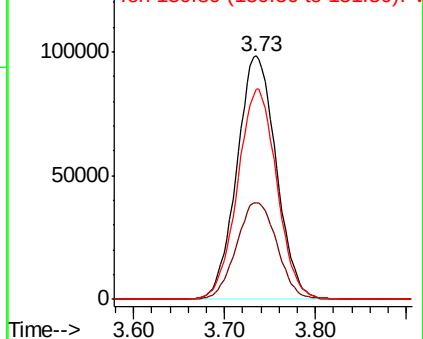
151 86.2 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN051108.D (-524) (-)

Ion 150.80 (150.50 to 151.50): VN051108.D (-524) (-)



#10

Methyl Iodide

Concen: 44.41 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.01 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

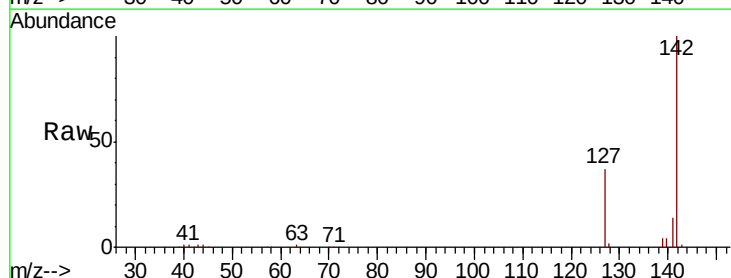
Tgt Ion:142 Resp: 276299

Ion Ratio Lower Upper

142 100

127 37.6 31.0 46.4

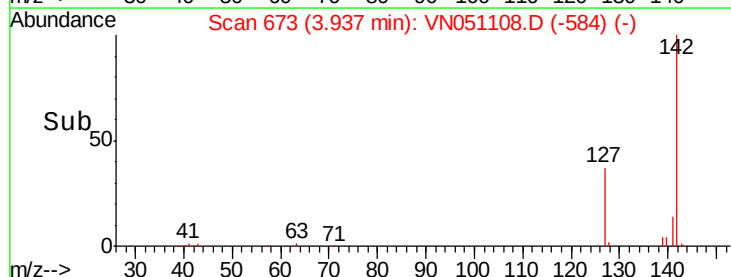
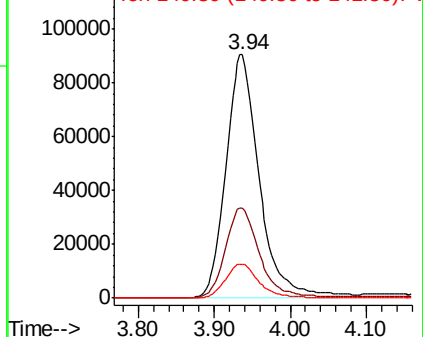
141 14.0 11.3 16.9

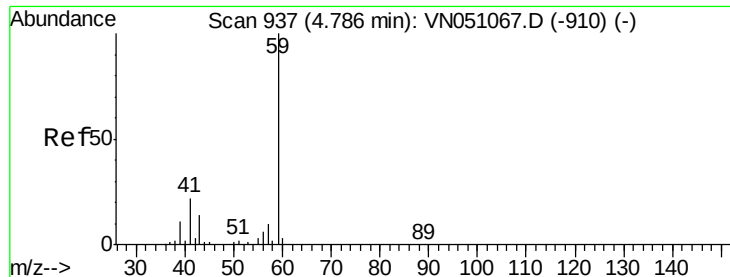


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): VN051108.D (-584) (-)

Ion 140.80 (140.50 to 141.50): VN051108.D (-584) (-)



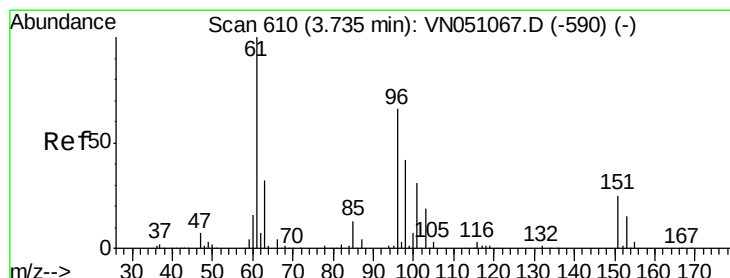
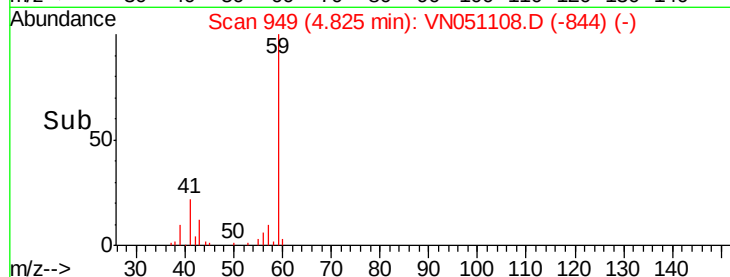
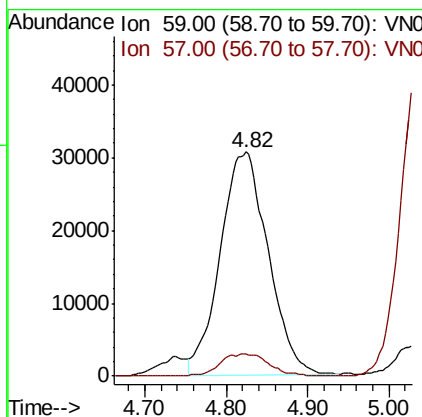
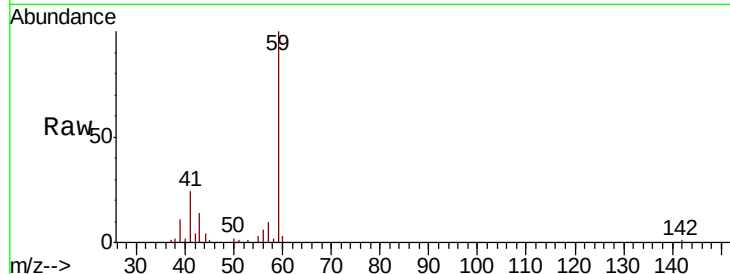


#11

Tert butyl alcohol
 Concen: 247.14 ug/l
 RT: 4.82 min Scan# 949
 Delta R.T. 0.04 min
 Lab File: VN051108.D
 Acq: 11 Sep 2018 4:28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MSD

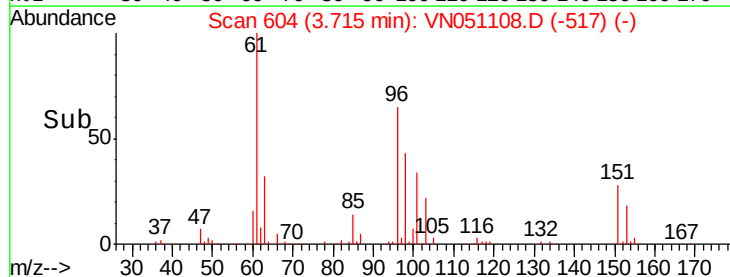
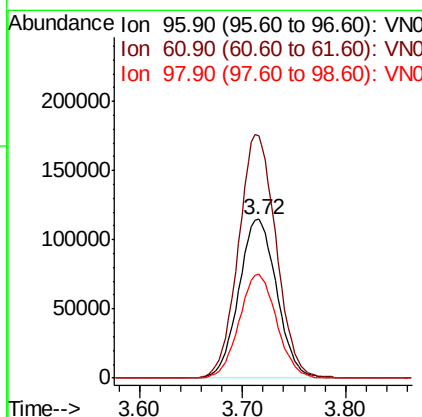
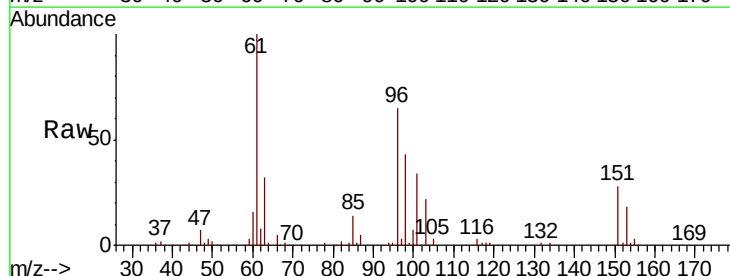
Tot Ion: 59 Resp: 125623
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

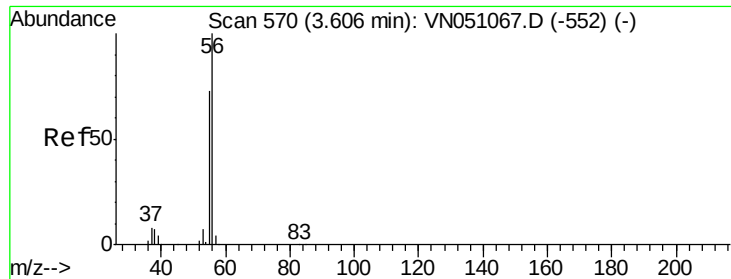


#12

1,1-Dichloroethene
 Concen: 46.10 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: VN051108.D
 Acq: 11 Sep 2018 4:28

Tgt Ion: 96 Resp: 294038
 Ion Ratio Lower Upper
 96 100
 61 152.9 120.3 180.5
 98 65.6 50.8 76.2





#13

Acrolein

Concen: 252.83 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Instrument :

MSVOA_N

ClientSampleId :

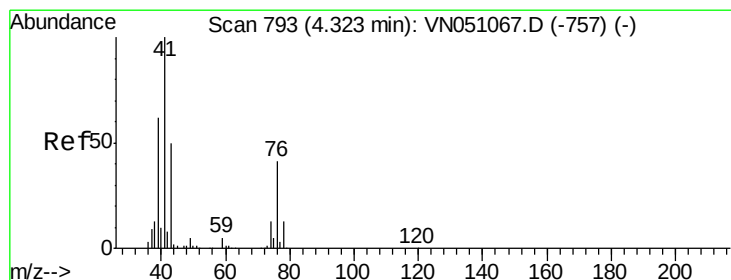
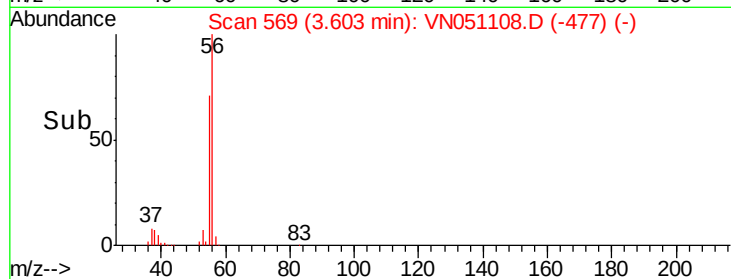
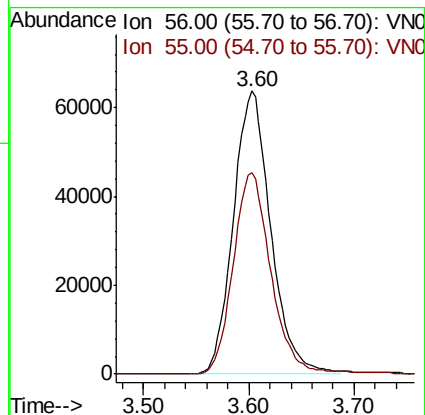
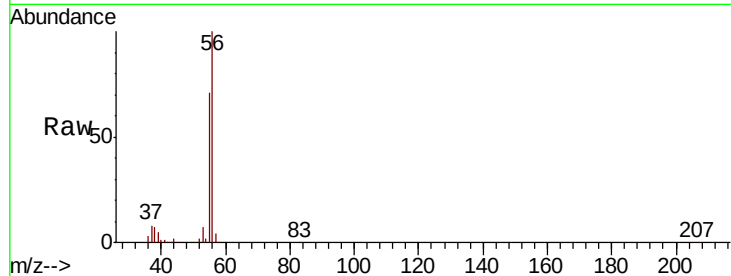
EP1-MW-C(15-20)MSD

Tot Ion: 56 Resp: 157053

Ion Ratio Lower Upper

56 100

55 71.5 58.0 87.0



#14

Allyl chloride

Concen: 46.67 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.01 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

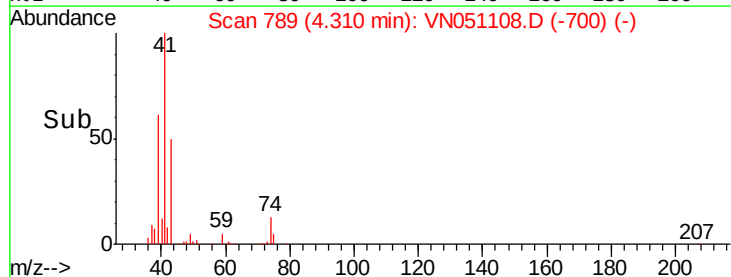
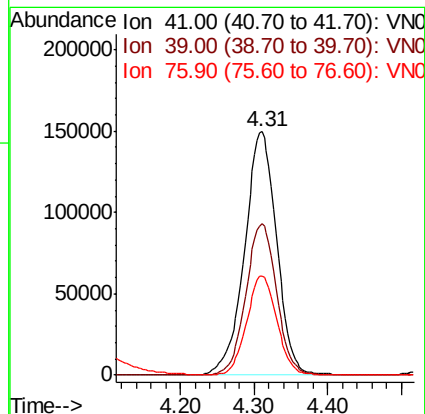
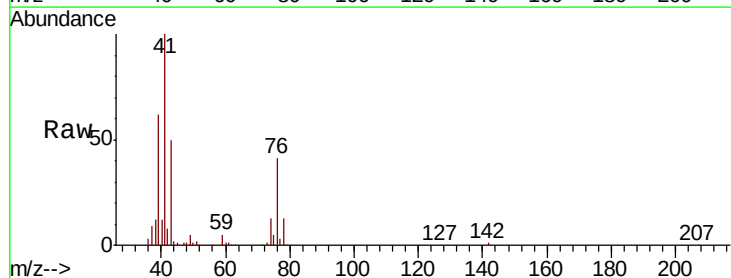
Tgt Ion: 41 Resp: 453578

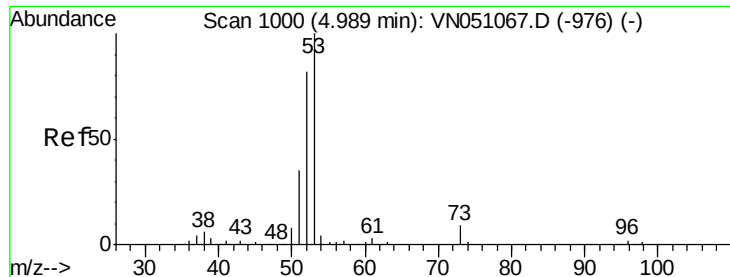
Ion Ratio Lower Upper

41 100

39 59.7 48.8 73.2

76 38.0 30.6 45.8





#15

Acrylonitrile

Concen: 267.24 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MSD

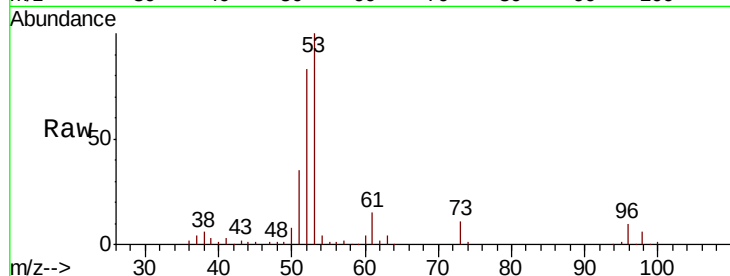
Tot Ion: 53 Resp: 601905

Ion Ratio Lower Upper

53 100

52 81.9 65.3 97.9

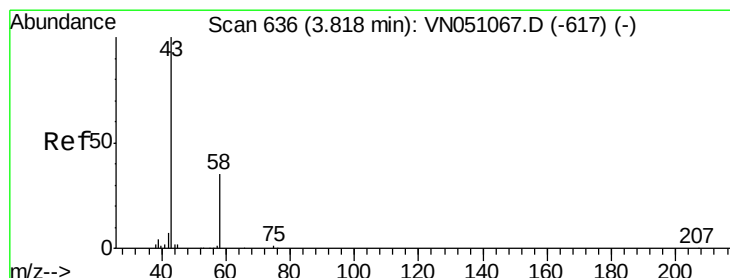
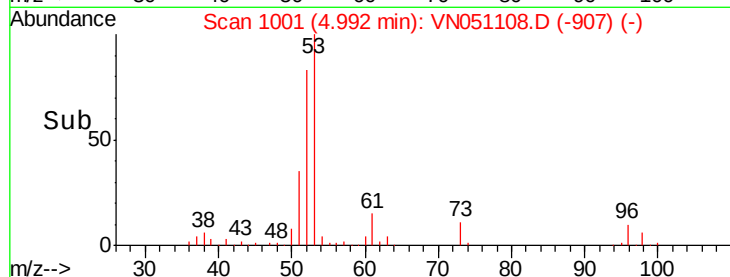
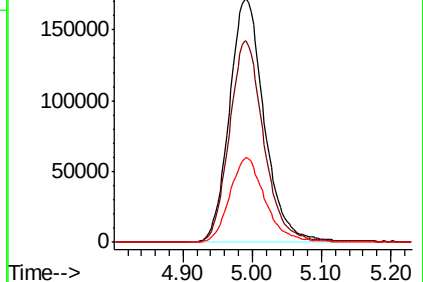
51 35.6 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VN051108.D (-976) (-)

Ion 52.00 (51.70 to 52.70): VN051108.D (-976) (-)

Ion 51.00 (50.70 to 51.70): VN051108.D (-976) (-)



#16

Acetone

Concen: 234.46 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051108.D

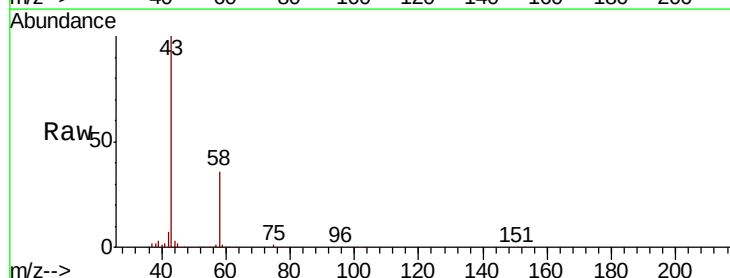
Acq: 11 Sep 2018 4:28

Tgt Ion: 43 Resp: 386390

Ion Ratio Lower Upper

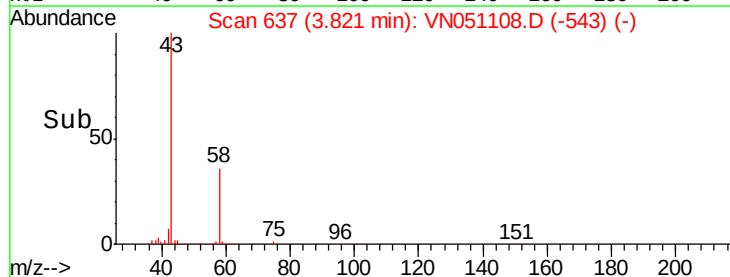
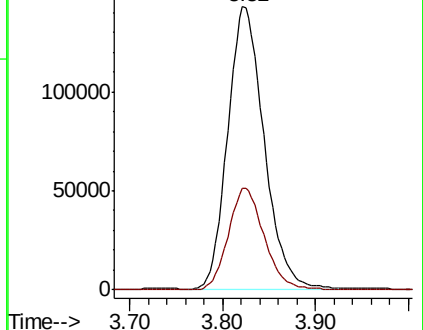
43 100

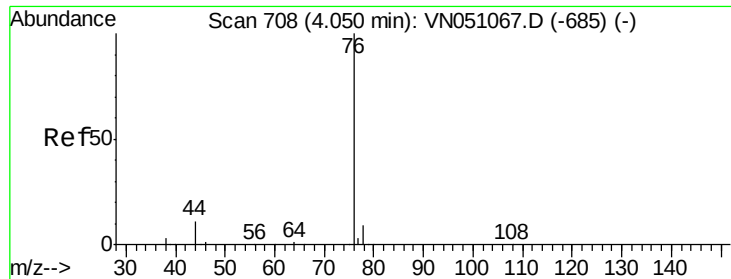
58 35.9 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN051108.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN051108.D (-543) (-)

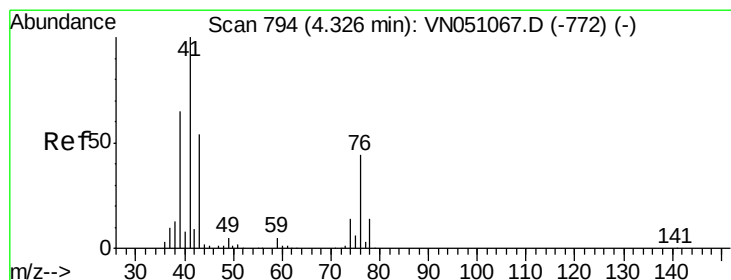
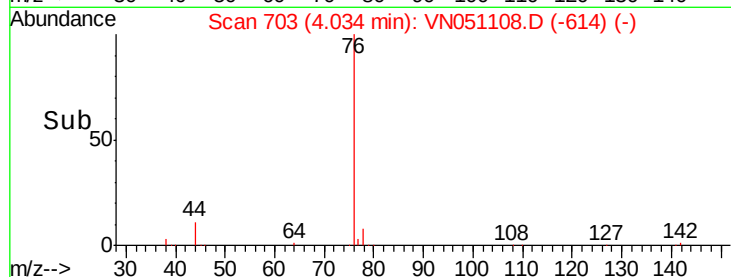
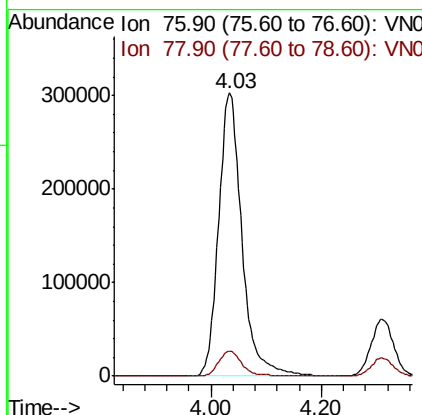
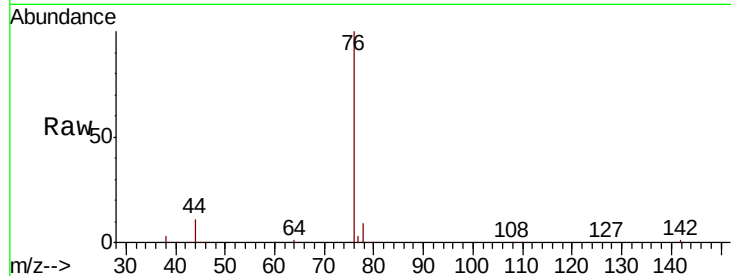




#17
Carbon Disulfide
Concen: 47.09 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.02 min
Lab File: VN051108.D
Acq: 11 Sep 2018 4:28

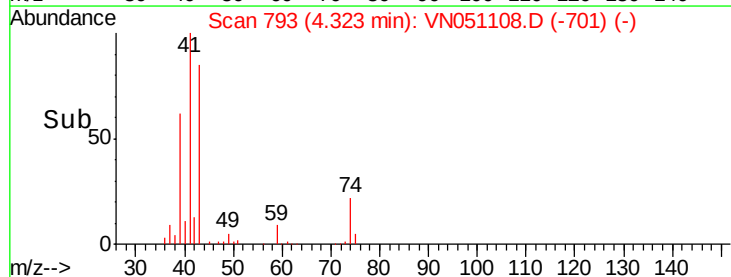
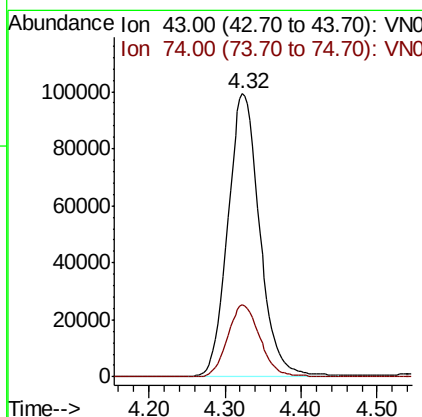
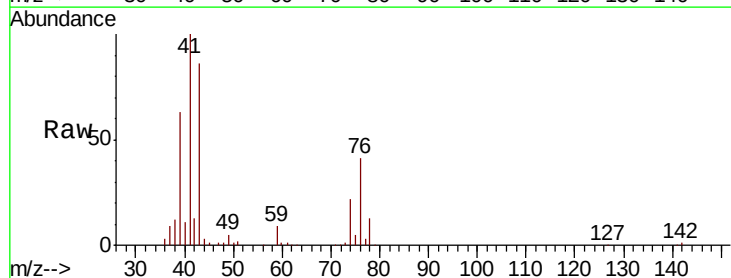
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)MSD

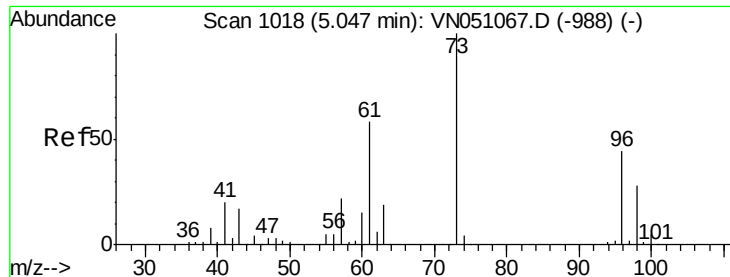
Tot Ion: 76 Resp: 885085
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 53.87 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN051108.D
Acq: 11 Sep 2018 4:28

Tgt Ion: 43 Resp: 287089
Ion Ratio Lower Upper
43 100
74 26.1 20.7 31.1

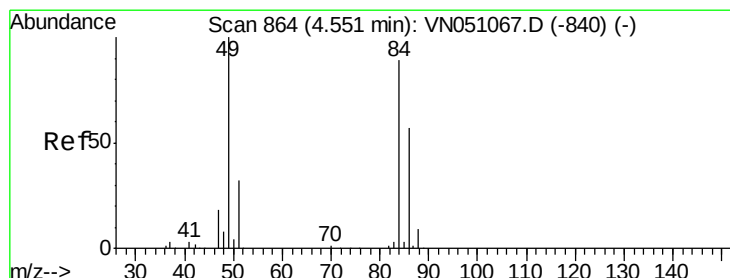
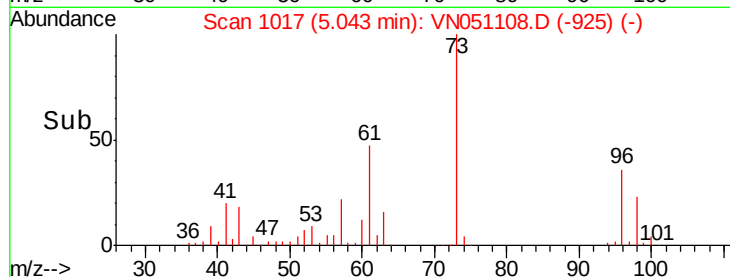
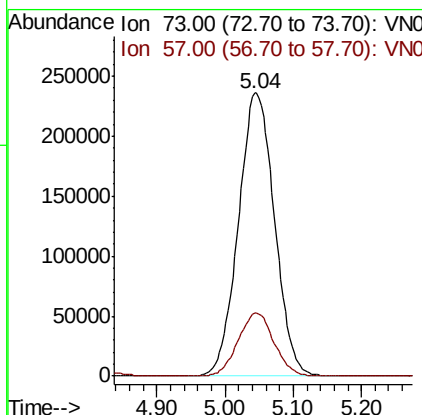
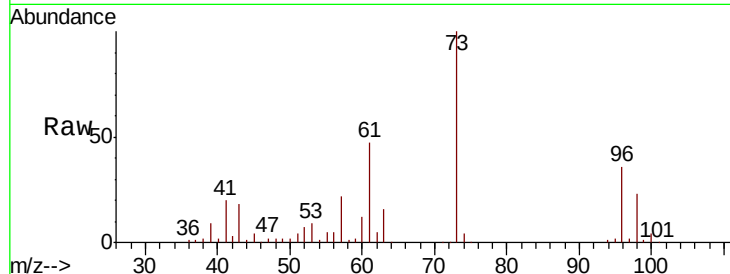




#19
Methyl tert-butyl Ether
Concen: 51.50 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN051108.D
Acq: 11 Sep 2018 4:28

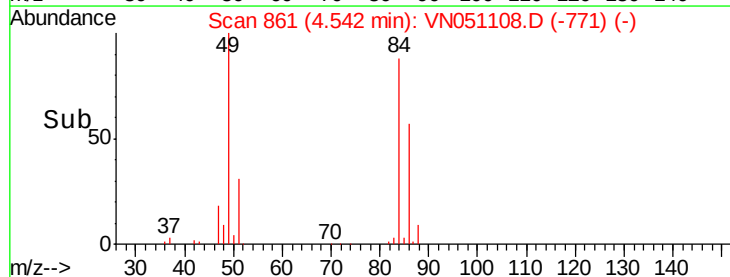
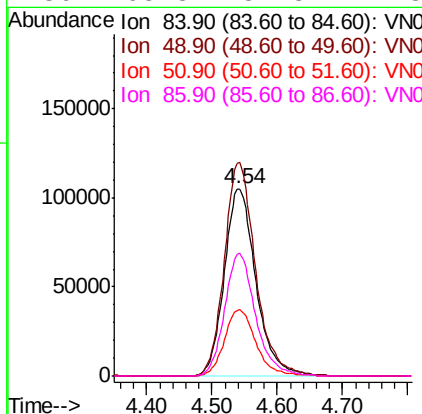
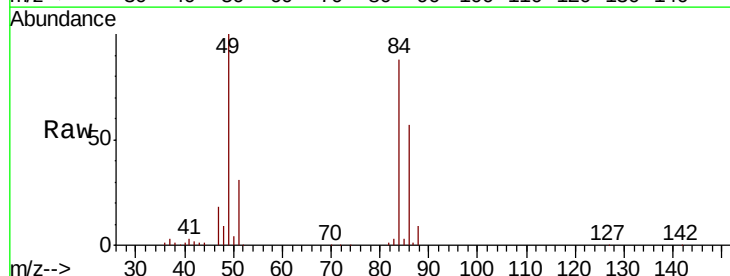
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)MSD

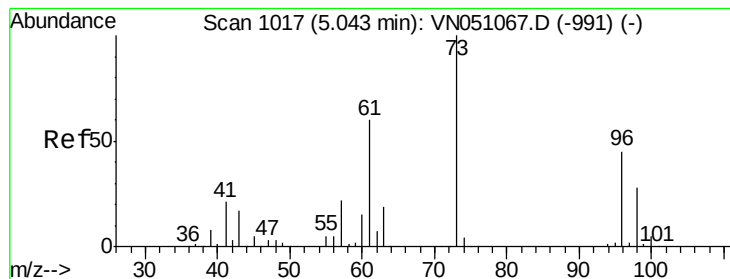
Tot Ion: 73 Resp: 868365
Ion Ratio Lower Upper
73 100
57 22.3 17.9 26.9



#20
Methylene Chloride
Concen: 48.17 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.01 min
Lab File: VN051108.D
Acq: 11 Sep 2018 4:28

Tgt Ion: 84 Resp: 354126
Ion Ratio Lower Upper
84 100
49 114.1 90.2 135.2
51 35.3 28.4 42.6
86 65.3 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 47.03 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MSD

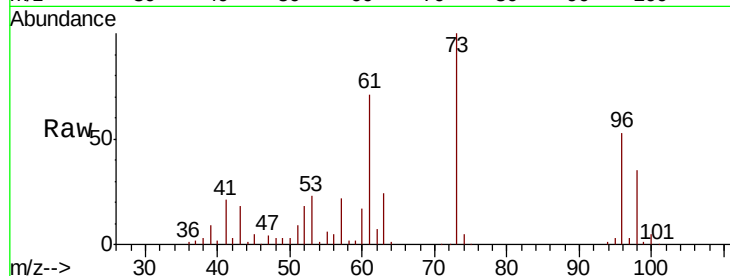
Tot Ion: 96 Resp: 325400

Ion Ratio Lower Upper

96 100

61 134.1 106.5 159.7

98 65.4 50.4 75.6

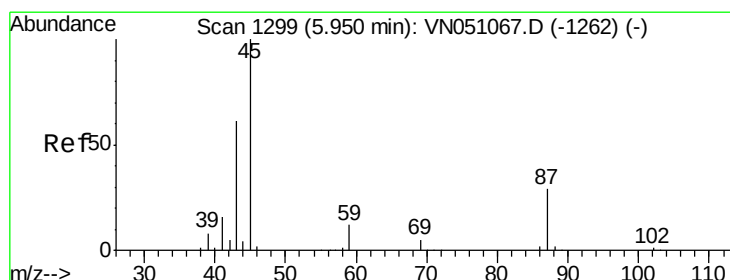
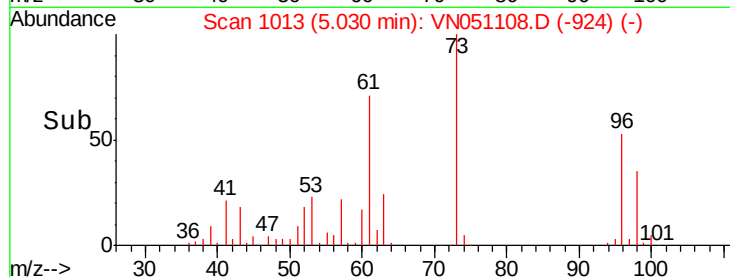
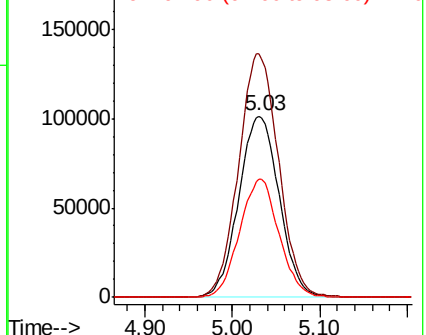


Abundance

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: 51.66 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Tgt Ion: 45 Resp: 996513

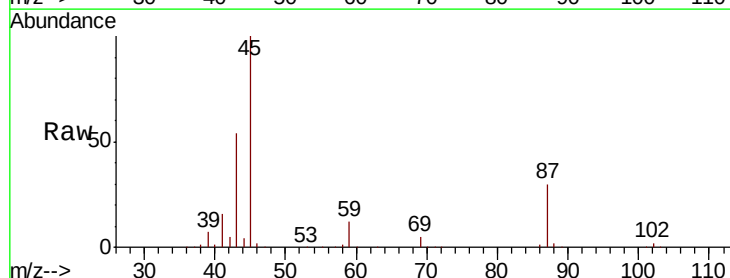
Ion Ratio Lower Upper

45 100

43 53.3 48.8 73.2

87 30.1 23.8 35.8

59 12.3 9.6 14.4



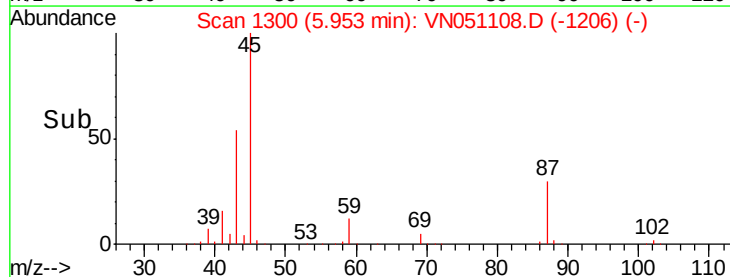
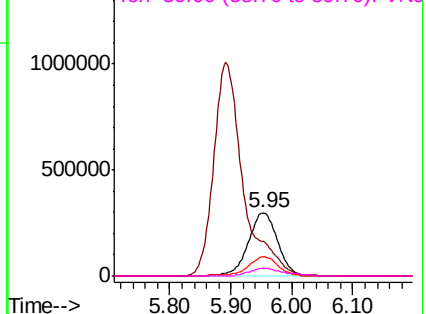
Abundance

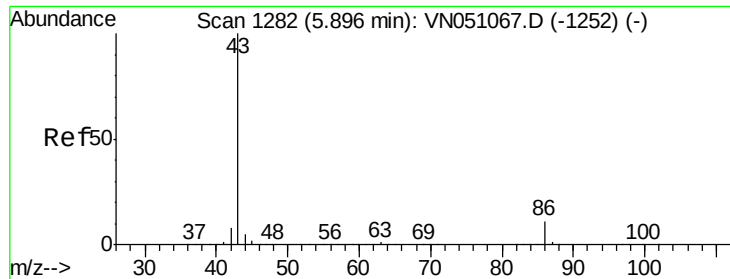
Ion 45.00 (44.70 to 45.70): VN0

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

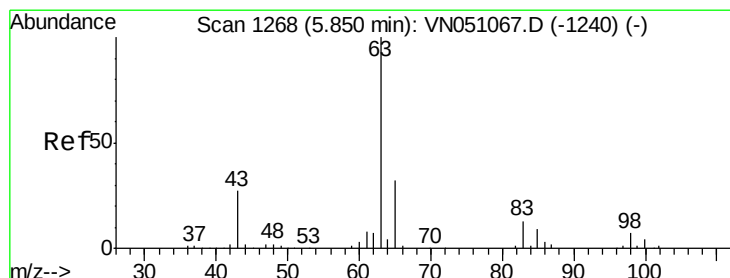
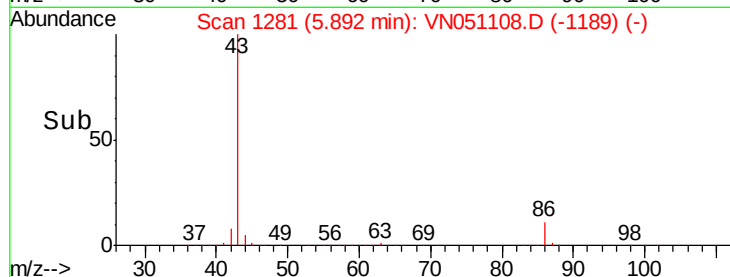
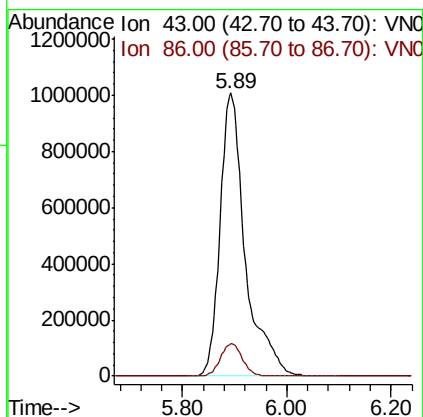
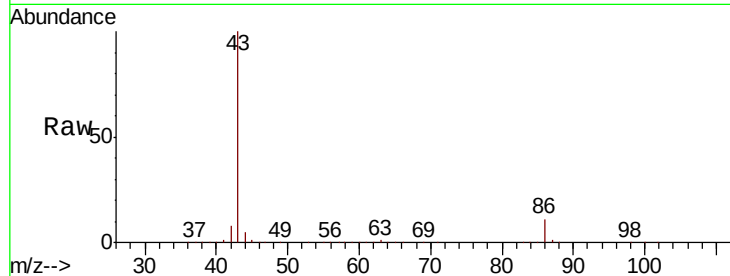




#23
 Vinyl Acetate
 Concen: 259.03 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VN051108.D
 Acq: 11 Sep 2018 4:28

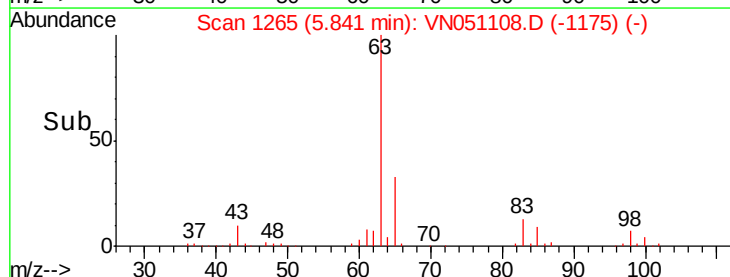
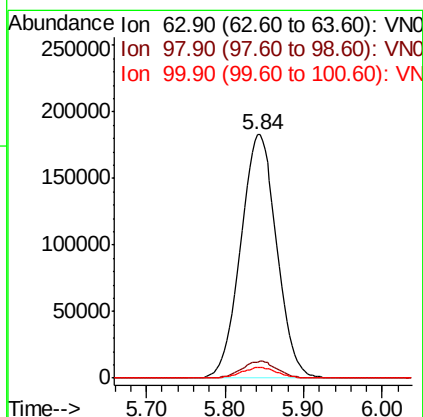
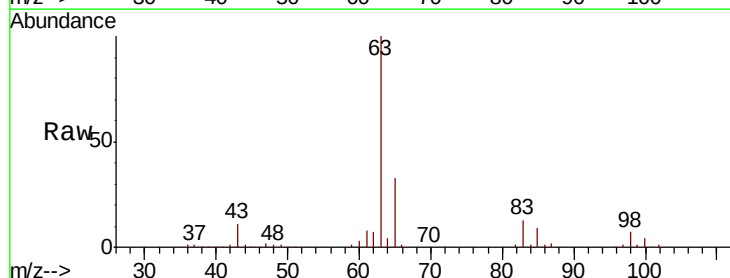
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MSD

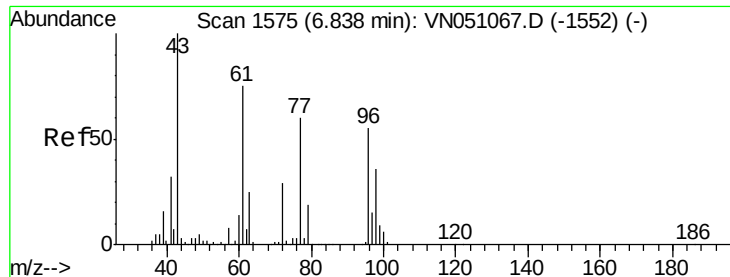
Tot Ion: 43 Resp: 3381545
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 48.04 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: VN051108.D
 Acq: 11 Sep 2018 4:28

Tgt Ion: 63 Resp: 587979
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 4.3 2.1 6.3





#25

2-Butanone

Concen: 246.17 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Instrument :

MSVOA_N

ClientSampleId :

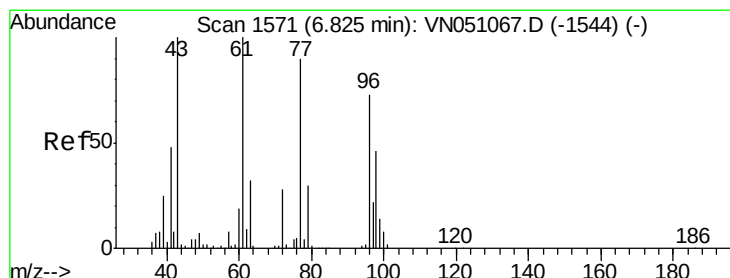
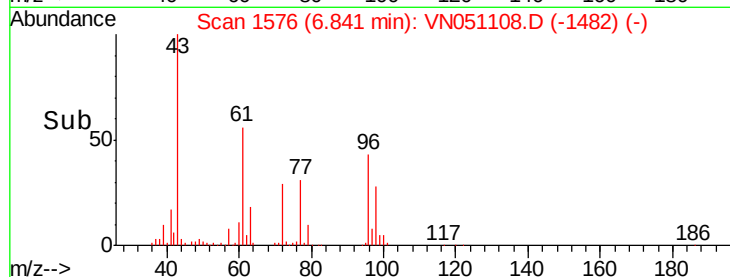
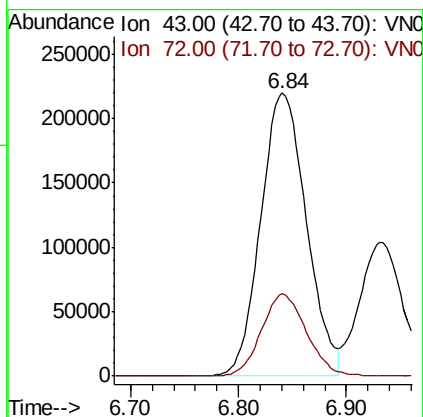
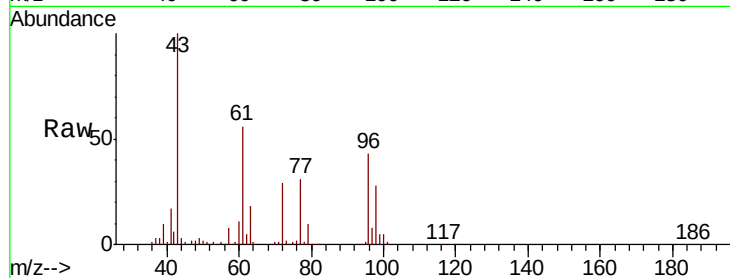
EP1-MW-C(15-20)MSD

Tot Ion: 43 Resp: 644093

Ion Ratio Lower Upper

43 100

72 29.1 23.0 34.6



#26

2,2-Dichloropropane

Concen: 33.50 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN051108.D

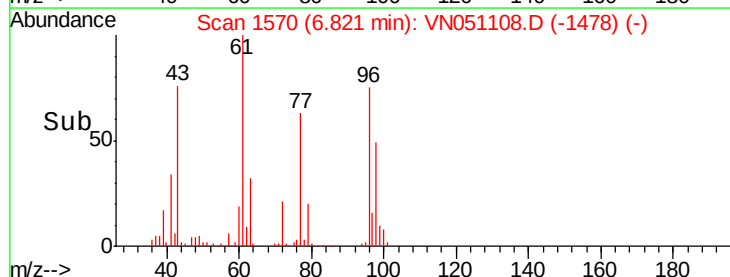
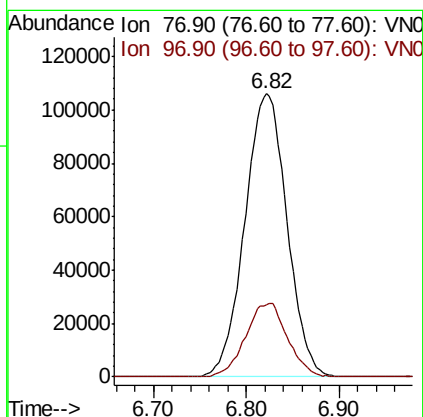
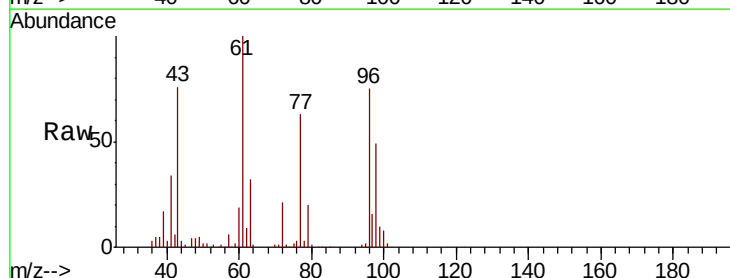
Acq: 11 Sep 2018 4:28

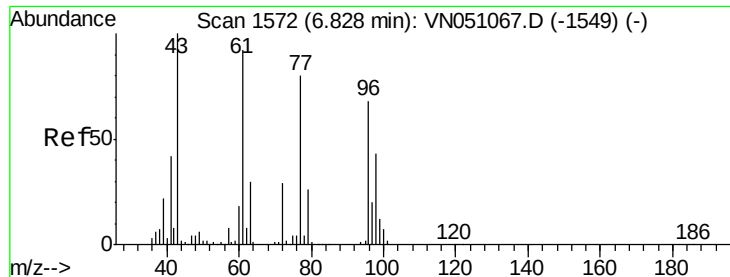
Tgt Ion: 77 Resp: 335593

Ion Ratio Lower Upper

77 100

97 25.9 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 48.73 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MSD

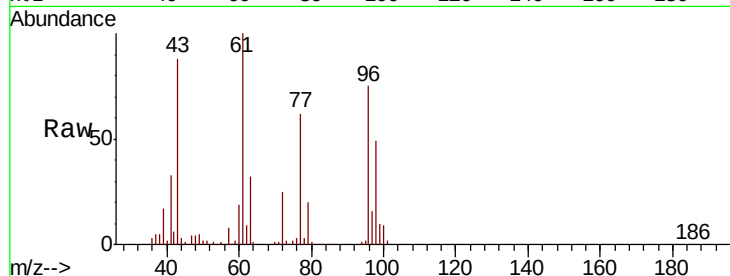
Tot Ion: 96 Resp: 369850

Ion Ratio Lower Upper

96 100

61 134.3 0.0 278.2

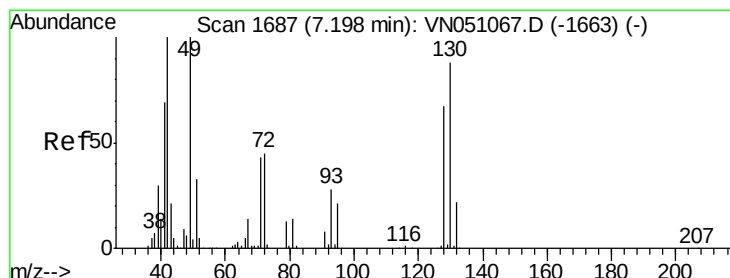
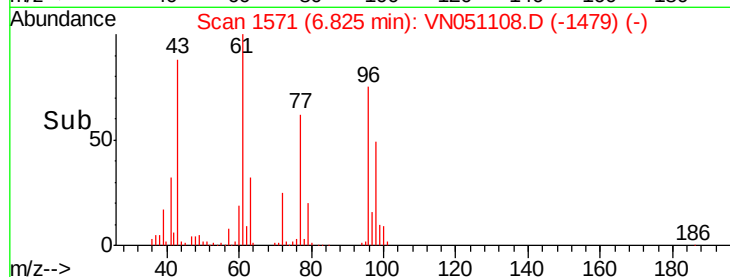
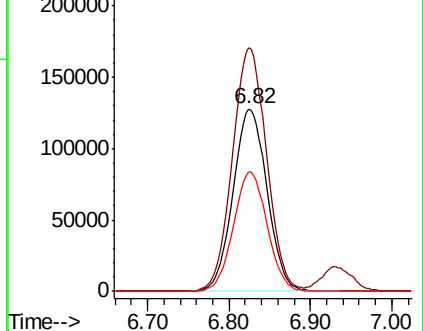
98 64.9 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN051108.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN051108.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN051108.D (-1479) (-)



#28

Bromochloromethane

Concen: 48.01 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

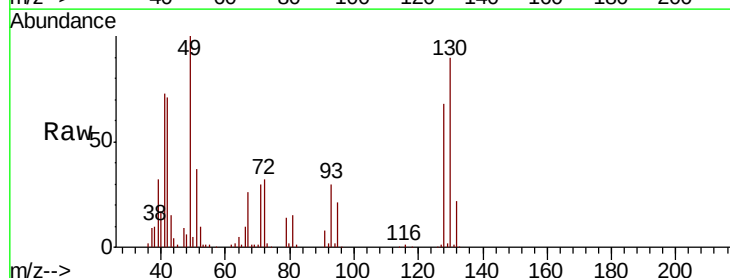
Tgt Ion: 49 Resp: 261517

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

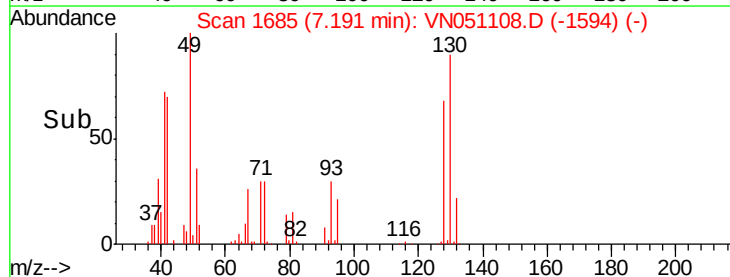
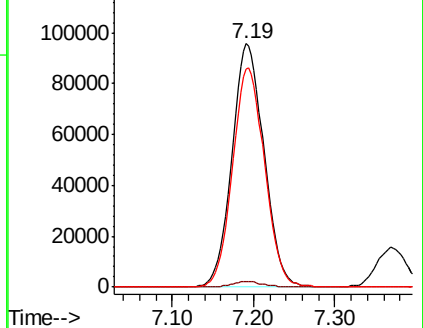
130 89.9 70.7 106.1

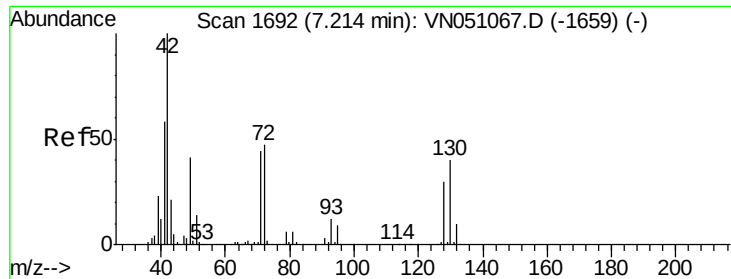


Abundance Ion 48.90 (48.60 to 49.60): VN051108.D (-1594) (-)

Ion 128.80 (128.50 to 129.50): VN051108.D (-1594) (-)

Ion 129.80 (129.50 to 130.50): VN051108.D (-1594) (-)

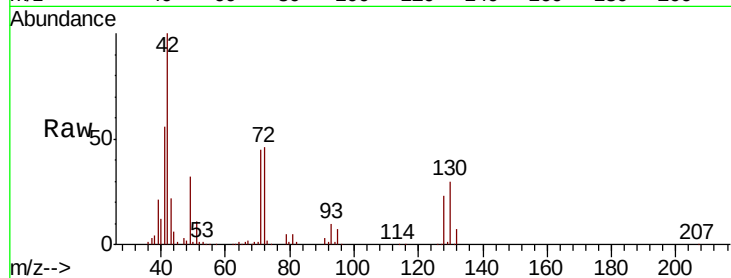




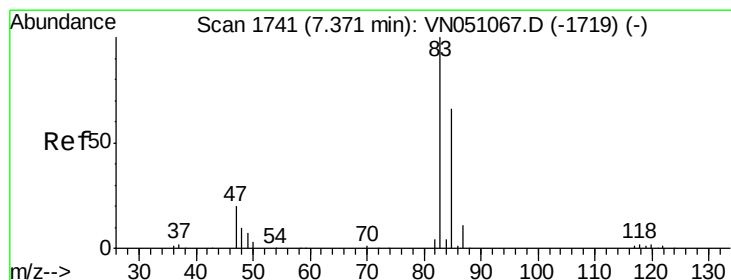
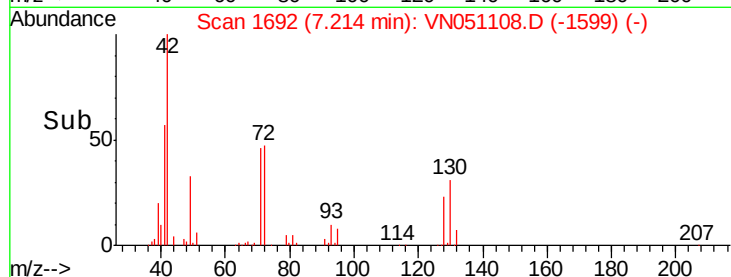
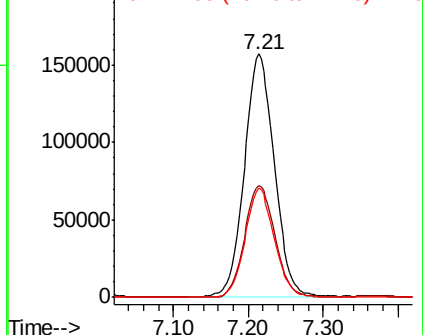
#29
Tetrahydrofuran
Concen: 267.71 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN051108.D
Acq: 11 Sep 2018 4:28

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)MSD

Tot Ion: 42 Resp: 437402
Ion Ratio Lower Upper
42 100
72 46.6 37.4 56.0
71 43.8 34.7 52.1

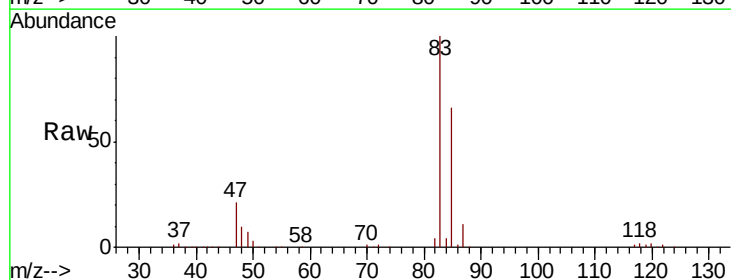


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

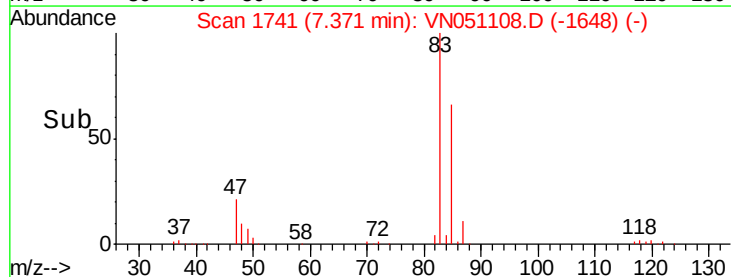
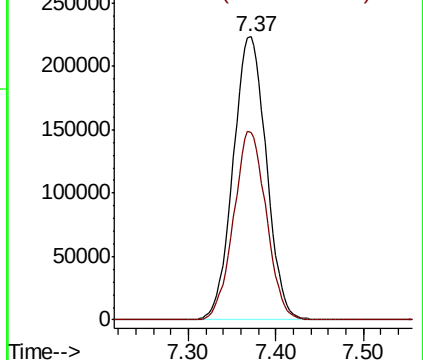


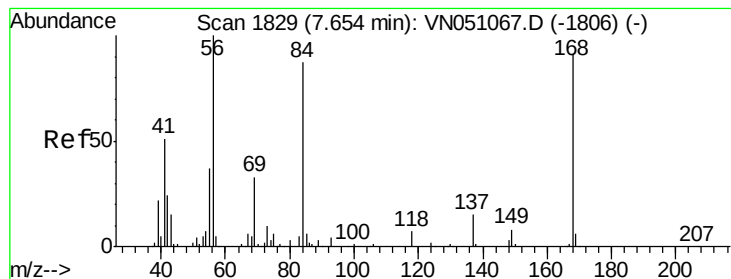
#30
Chloroform
Concen: 48.25 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051108.D
Acq: 11 Sep 2018 4:28

Tgt Ion: 83 Resp: 587534
Ion Ratio Lower Upper
83 100
85 66.3 52.6 79.0



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





#31

Cyclohexane

Concen: 47.07 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MSD

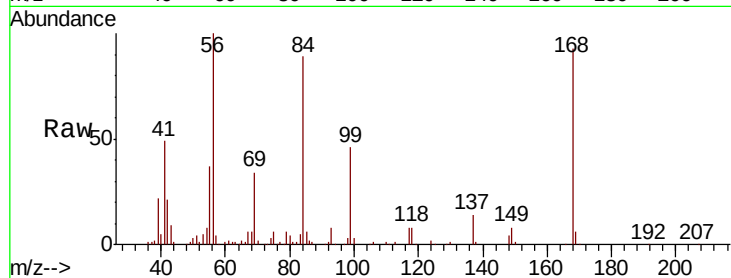
Tot Ion: 56 Resp: 513777

Ion Ratio Lower Upper

56 100

69 33.9 26.3 39.5

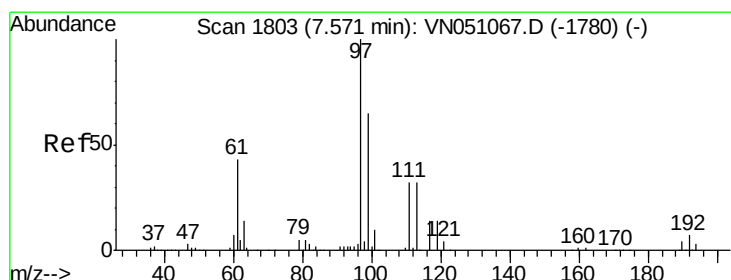
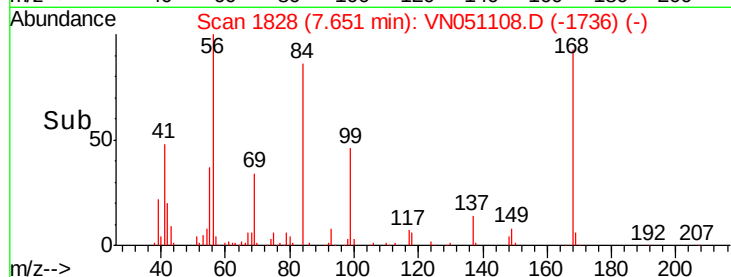
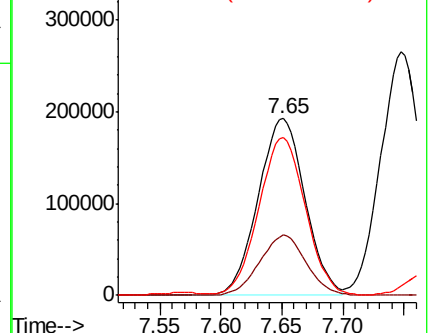
84 88.0 69.4 104.0



Abundance Ion 56.00 (55.70 to 56.70): VN051108.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN051108.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN051108.D (-1736) (-)



#32

1,1,1-Trichloroethane

Concen: 47.73 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

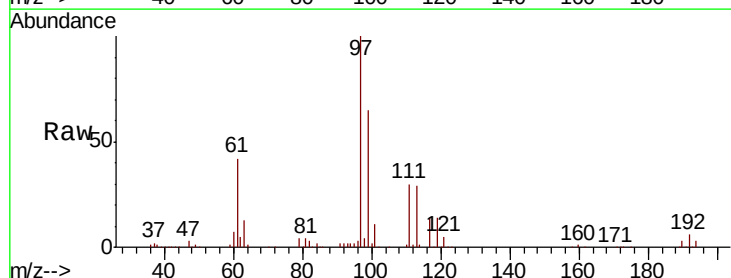
Tgt Ion: 97 Resp: 495186

Ion Ratio Lower Upper

97 100

99 64.8 51.6 77.4

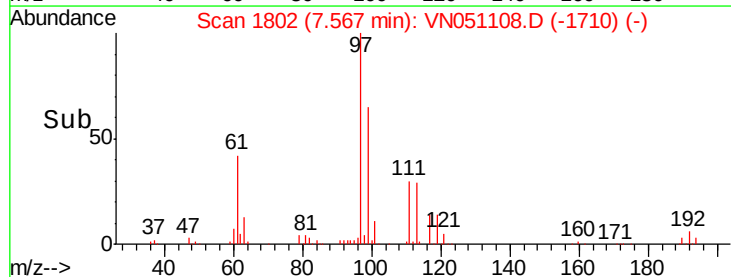
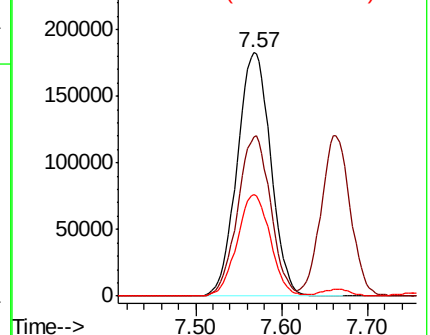
61 41.3 33.8 50.6

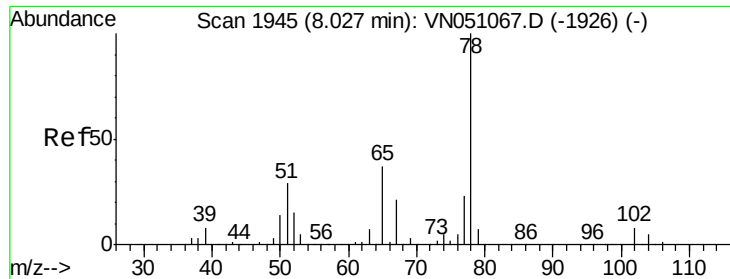


Abundance Ion 96.90 (96.60 to 97.60): VN051108.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN051108.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN051108.D (-1710) (-)

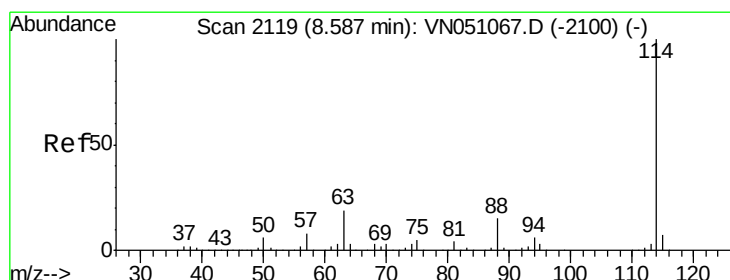
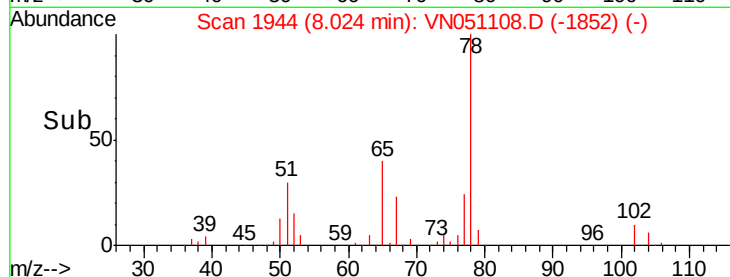
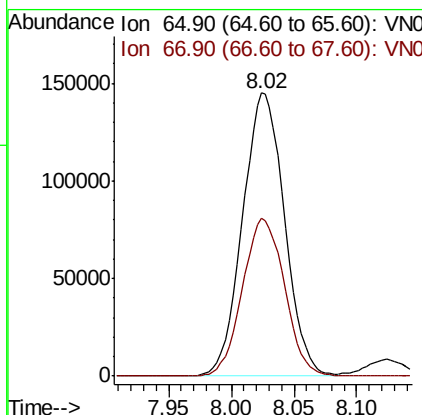
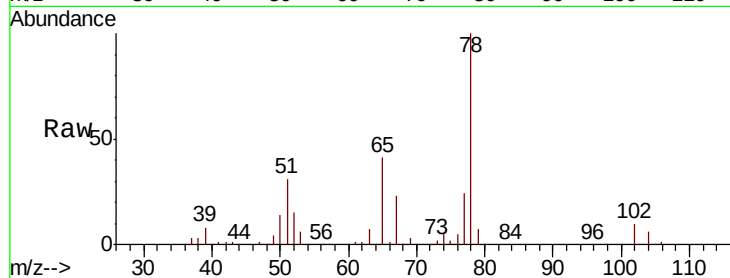




#33
 1,2-Dichloroethane-d4
 Concen: 50.73 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN051108.D
 Acq: 11 Sep 2018 4:28

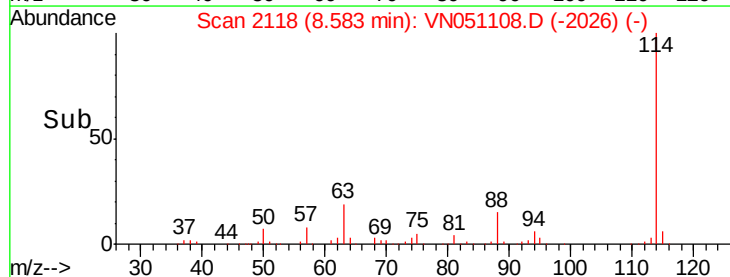
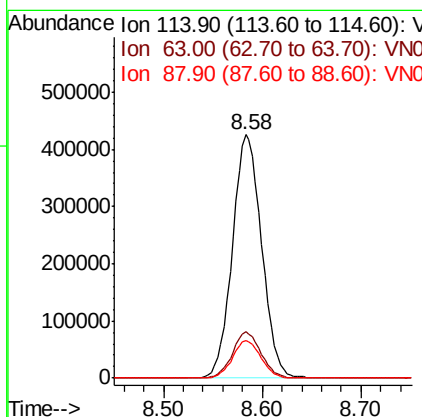
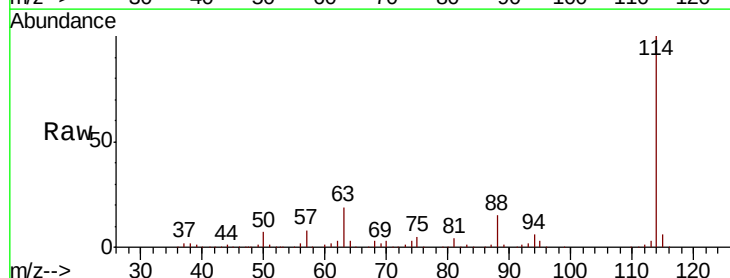
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MSD

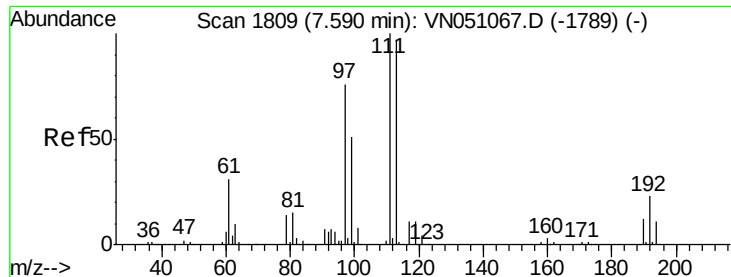
Tot Ion: 65 Resp: 337625
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN051108.D
 Acq: 11 Sep 2018 4:28

Tgt Ion: 114 Resp: 874905
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.8
 88 15.4 0.0 30.8

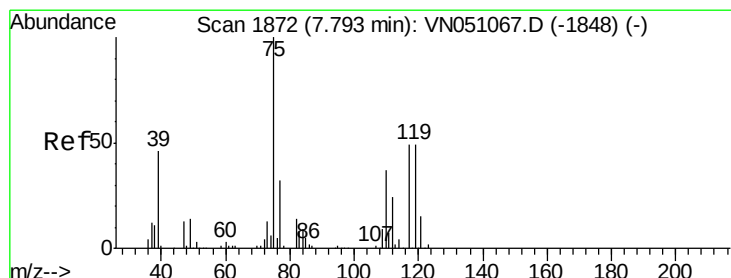
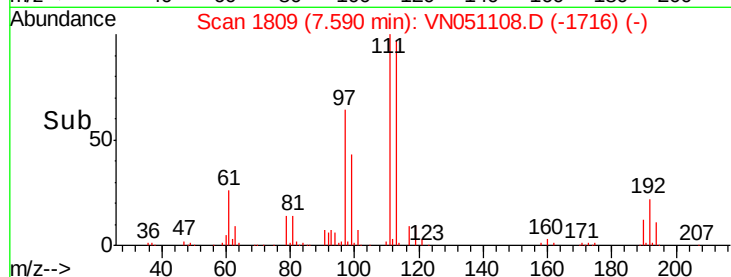
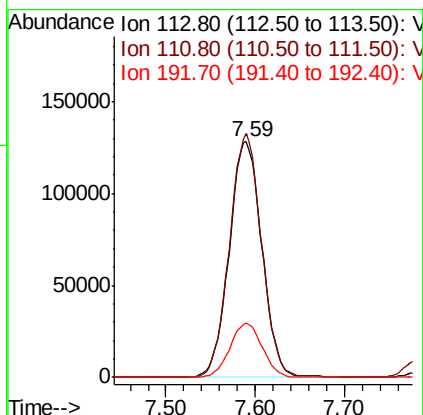
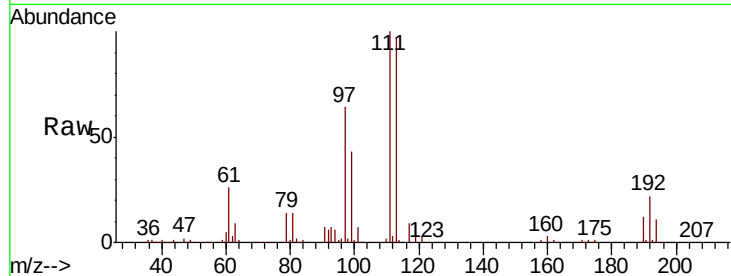




#35
 Dibromofluoromethane
 Concen: 49.44 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051108.D
 Acq: 11 Sep 2018 4:28

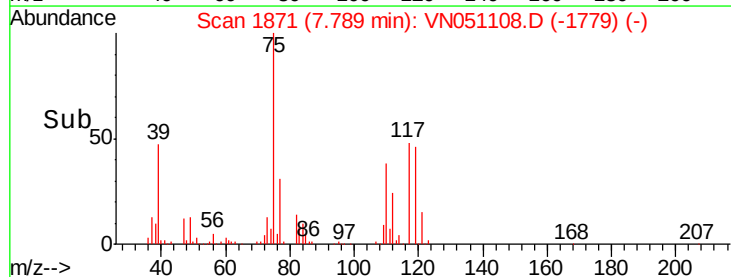
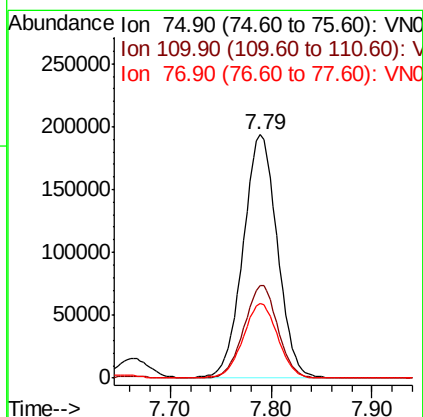
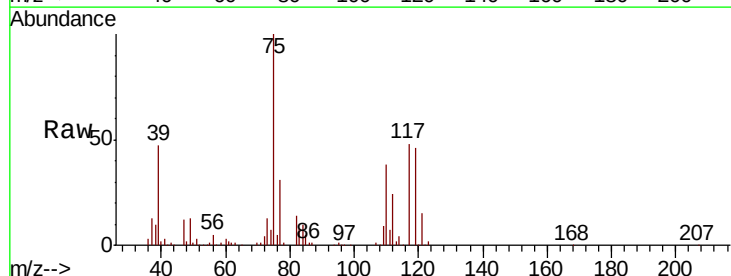
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MSD

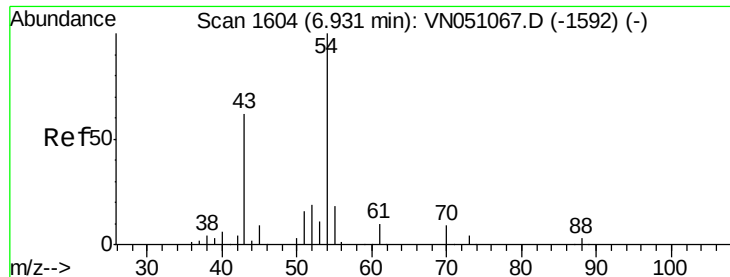
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.0	124.6
192	22.9	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 47.09 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN051108.D
 Acq: 11 Sep 2018 4:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.7	18.6	55.8
77	31.3	25.2	37.8

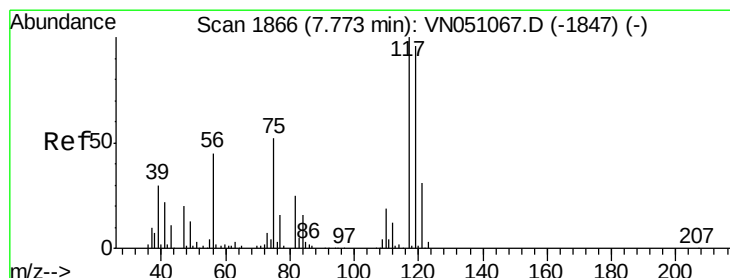
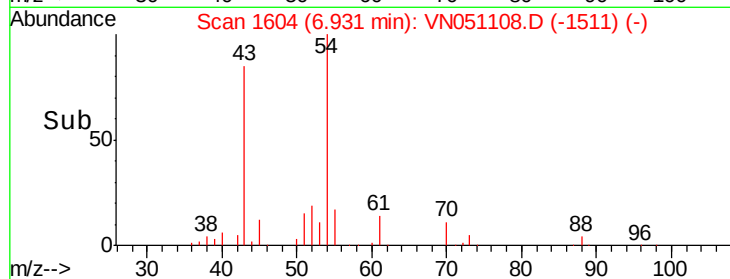
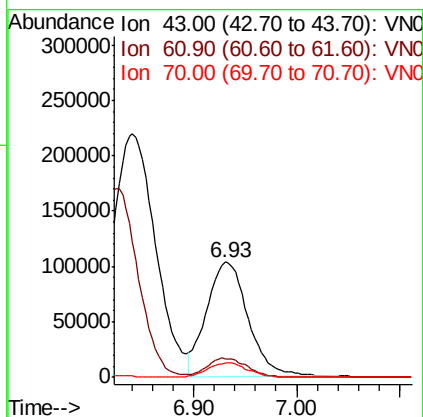
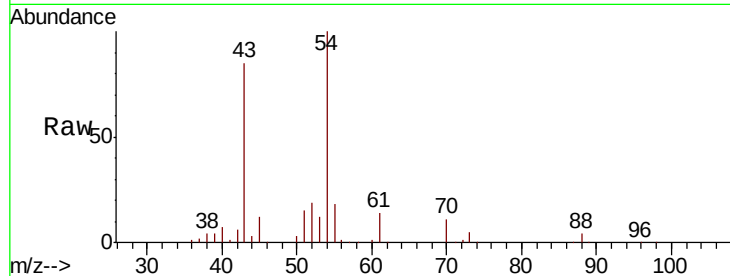




#37
Ethyl Acetate
Concen: 52.02 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN051108.D
Acq: 11 Sep 2018 4:28

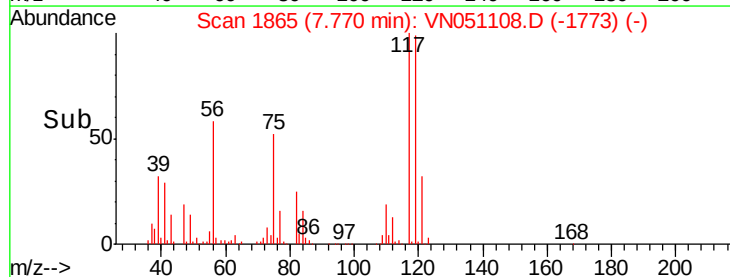
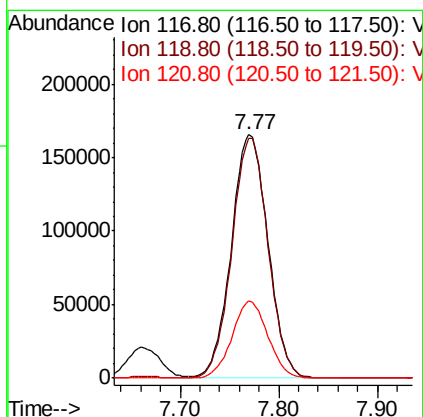
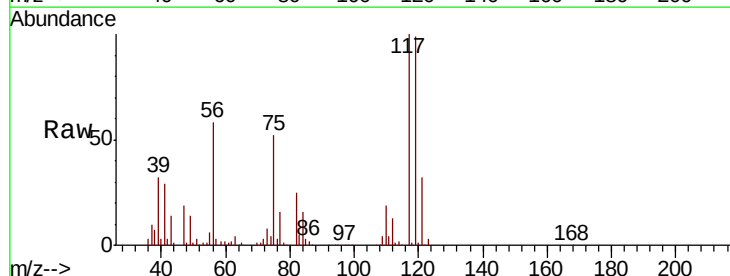
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)MSD

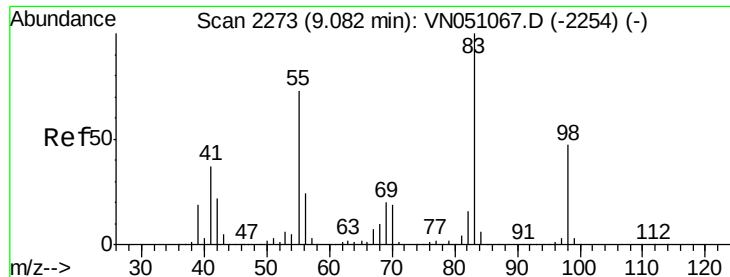
Tot Ion:	43	Resp:	289391
Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.4	18.6
70	12.4	9.3	13.9



#38
Carbon Tetrachloride
Concen: 45.27 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN051108.D
Acq: 11 Sep 2018 4:28

Tgt Ion:	117	Resp:	428020
Ion	Ratio	Lower	Upper
117	100		
119	98.6	76.8	115.2
121	31.5	24.6	36.8

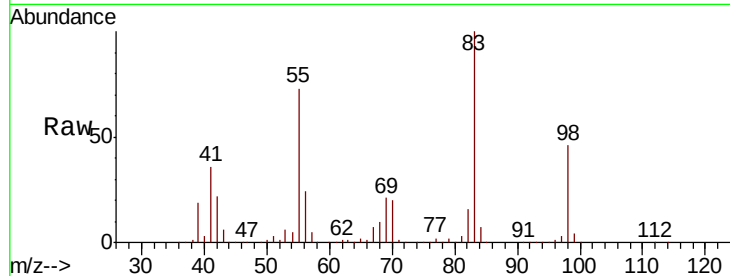




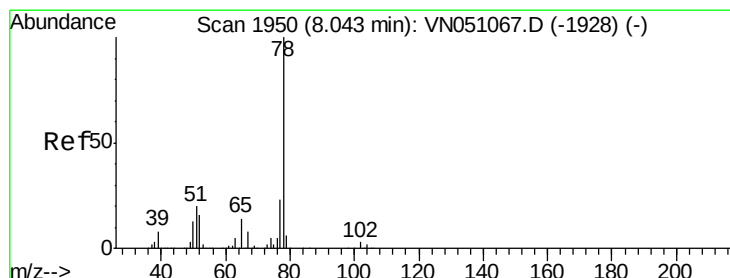
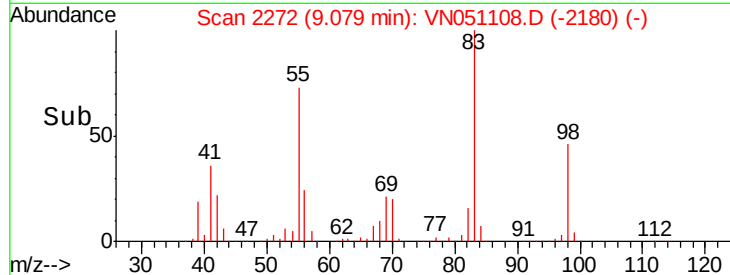
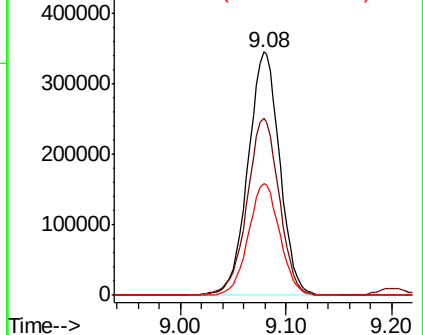
#39
Methylvlcyclohexane
Concen: 67.98 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN051108.D
Acq: 11 Sep 2018 4:28

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)MSD

Tot Ion: 83 Resp: 720507
Ion Ratio Lower Upper
83 100
55 72.8 58.4 87.6
98 46.1 37.3 55.9

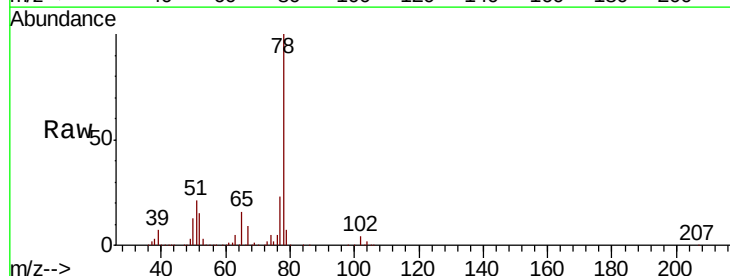


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

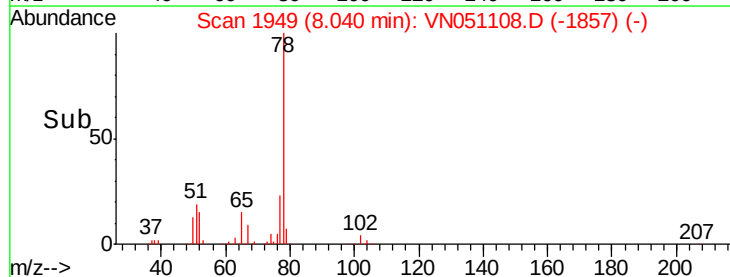
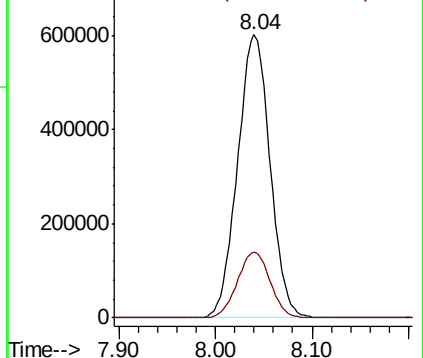


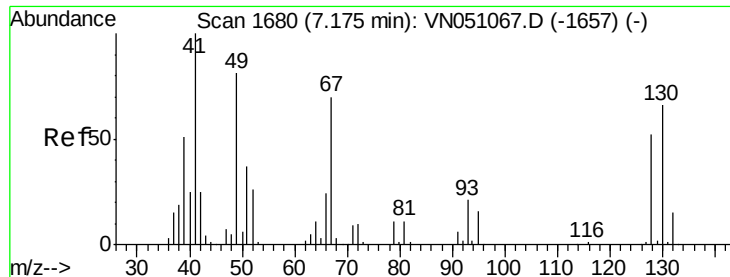
#40
Benzene
Concen: 48.52 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN051108.D
Acq: 11 Sep 2018 4:28

Tgt Ion: 78 Resp: 1404423
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8



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

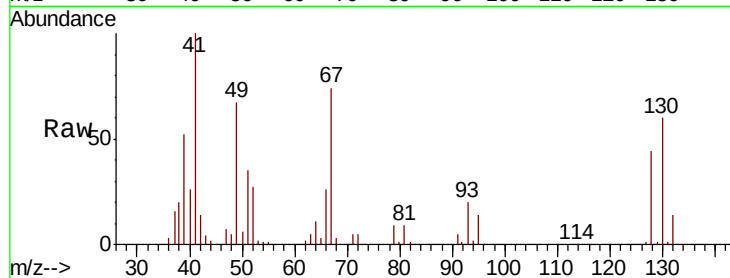




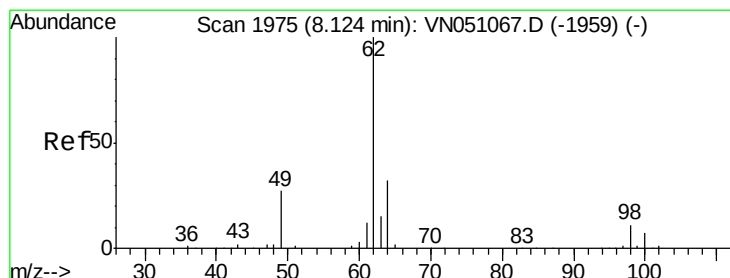
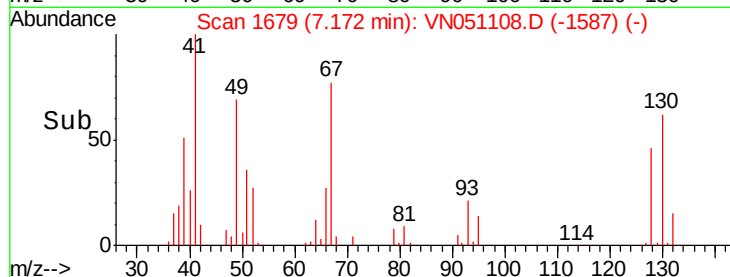
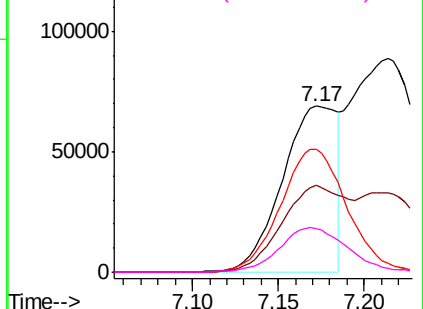
#41
Methacrylonitrile
Concen: 53.15 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN051108.D
Acq: 11 Sep 2018 4:28

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)MSD

Tot Ion: 41 Resp: 152553
Ion Ratio Lower Upper
41 100
39 63.4 51.3 76.9
67 89.9 78.5 117.7
52 34.2 29.0 43.6

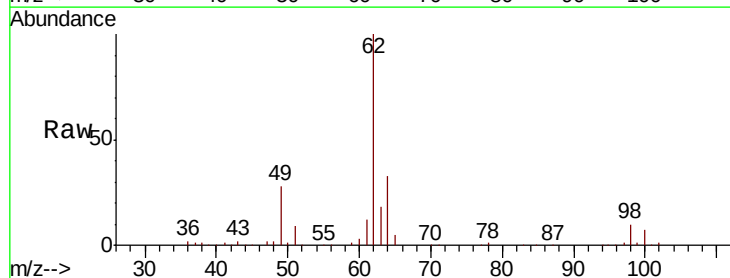


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

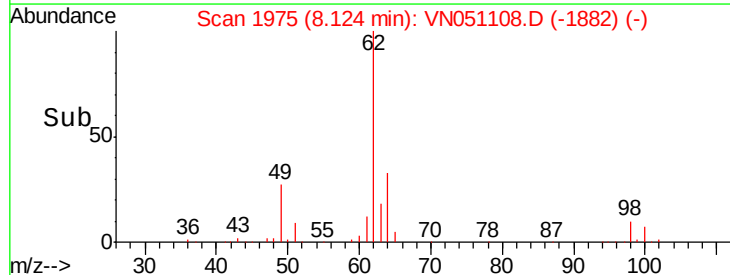
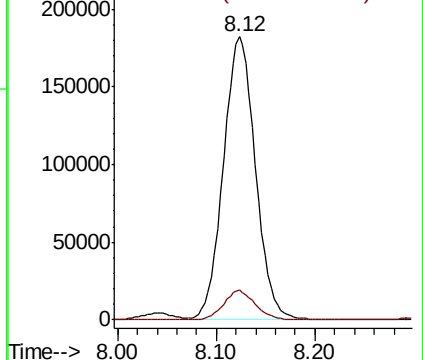


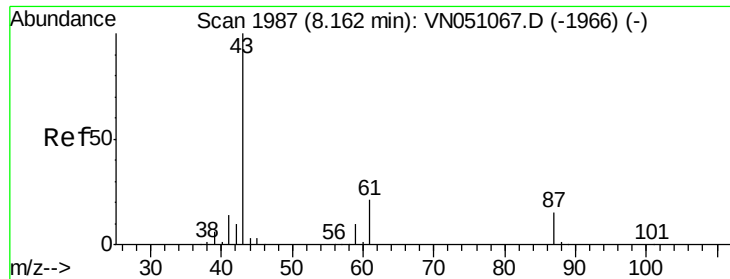
#42
1,2-Dichloroethane
Concen: 48.97 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN051108.D
Acq: 11 Sep 2018 4:28

Tgt Ion: 62 Resp: 413137
Ion Ratio Lower Upper
62 100
98 10.3 0.0 21.0



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





#43

Isopropyl Acetate

Concen: 53.74 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MSD

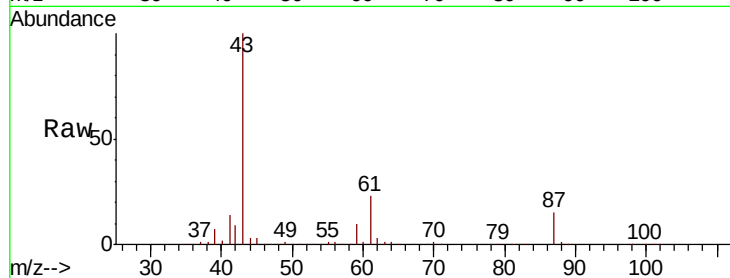
Tot Ion: 43 Resp: 527482

Ion Ratio Lower Upper

43 100

61 21.4 25.0 37.6#

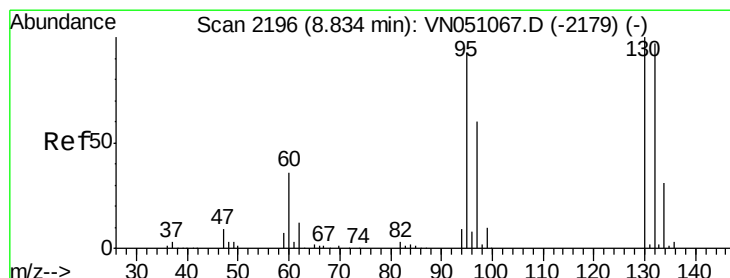
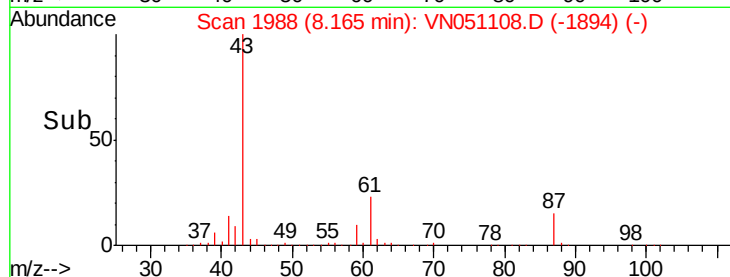
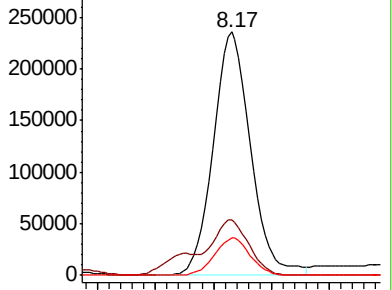
87 14.7 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VN051108.D (-1987) (-)

Ion 61.00 (60.70 to 61.70): VN051108.D (-1987) (-)

Ion 87.00 (86.70 to 87.70): VN051108.D (-1987) (-)



#44

Trichloroethene

Concen: 47.39 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN051108.D

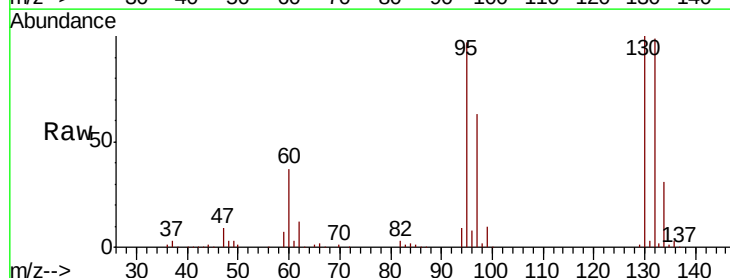
Acq: 11 Sep 2018 4:28

Tgt Ion:130 Resp: 375160

Ion Ratio Lower Upper

130 100

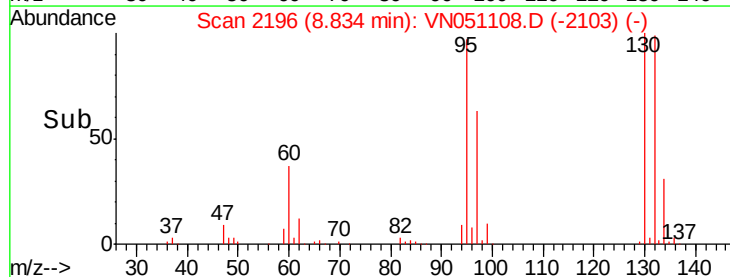
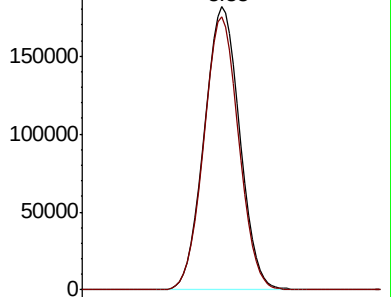
95 96.6 0.0 186.2

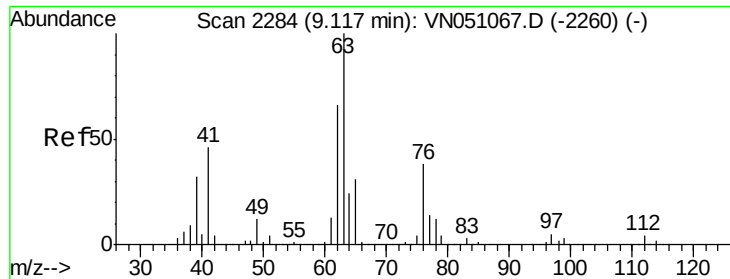


Abundance Ion 129.80 (129.50 to 130.50): VN051108.D (-2196) (-)

Ion 94.90 (94.60 to 95.60): VN051108.D (-2196) (-)

Ion 137.00 (136.70 to 137.70): VN051108.D (-2196) (-)

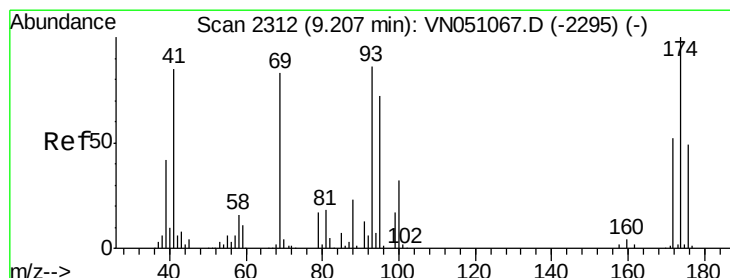
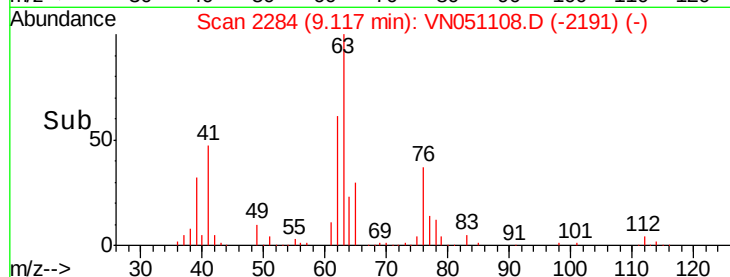
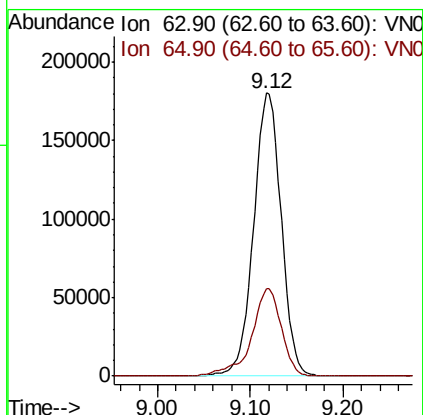
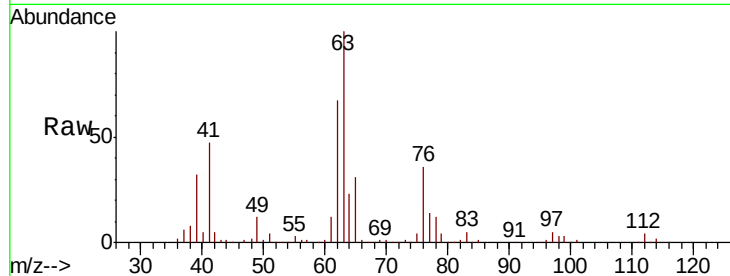




#45
 1,2-Dichloropropane
 Concen: 49.90 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN051108.D
 Acq: 11 Sep 2018 4:28

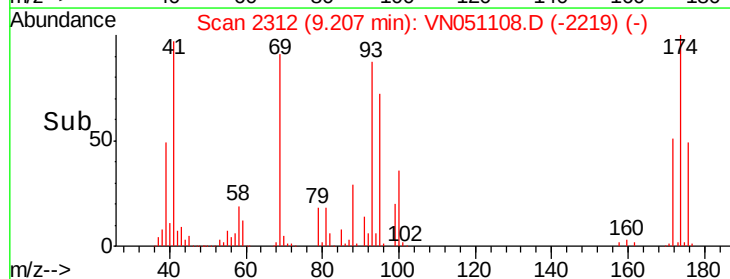
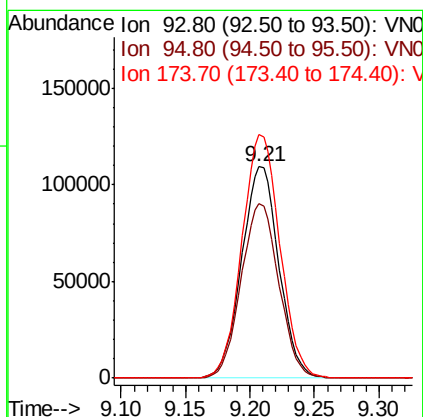
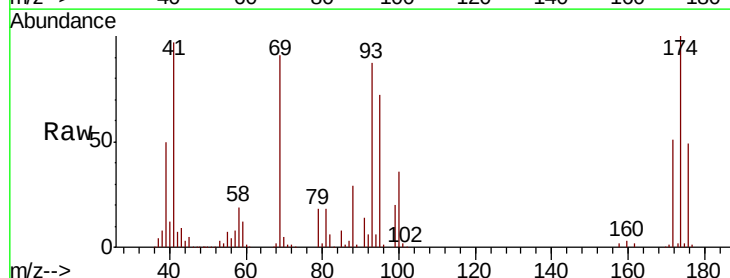
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MSD

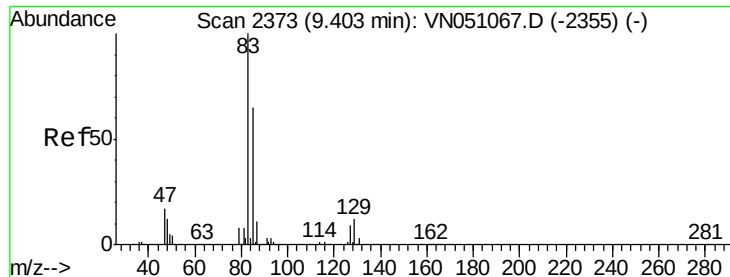
Tot Ion: 63 Resp: 373225
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.7 37.1



#46
 Dibromomethane
 Concen: 48.36 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN051108.D
 Acq: 11 Sep 2018 4:28

Tgt Ion: 93 Resp: 220692
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.8 100.2
 174 116.9 93.3 139.9





#47

Bromodichloromethane

Concen: 48.87 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MSD

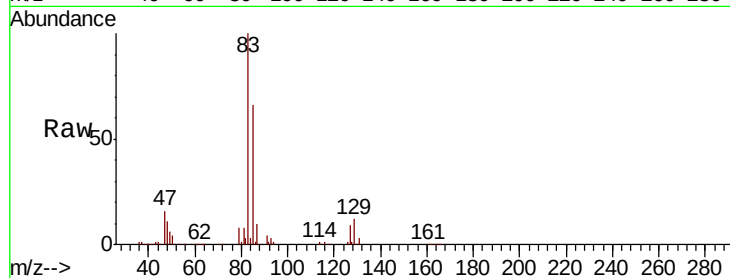
Tot Ion: 83 Resp: 453409

Ion Ratio Lower Upper

83 100

85 65.5 52.3 78.5

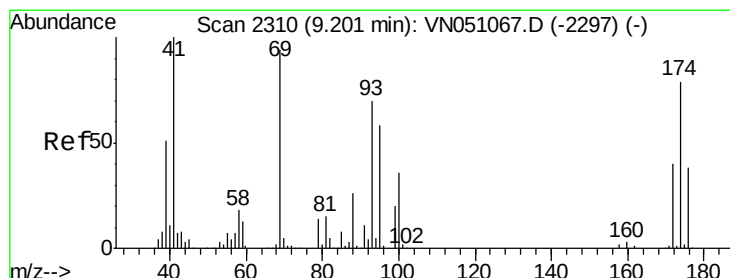
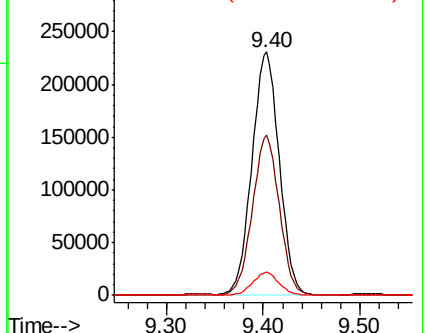
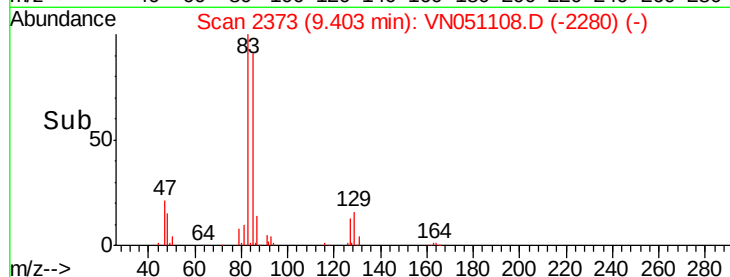
127 9.5 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VN051108.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN051108.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN051108.D (-2280) (-)



#48

Methyl methacrylate

Concen: 53.48 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

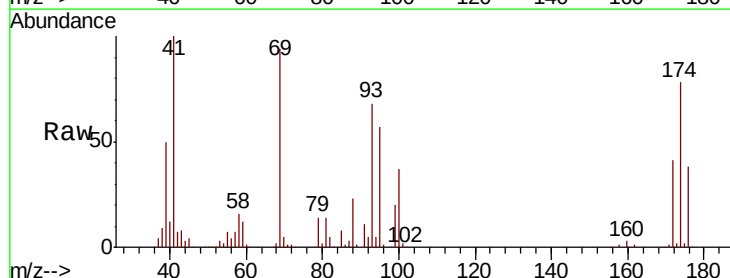
Tgt Ion: 41 Resp: 255856

Ion Ratio Lower Upper

41 100

69 96.5 77.7 116.5

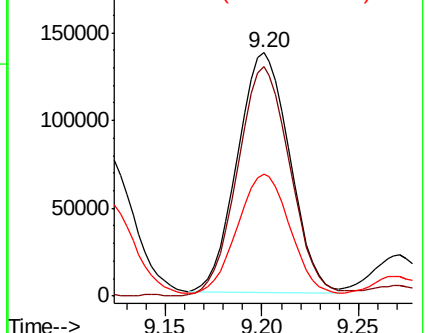
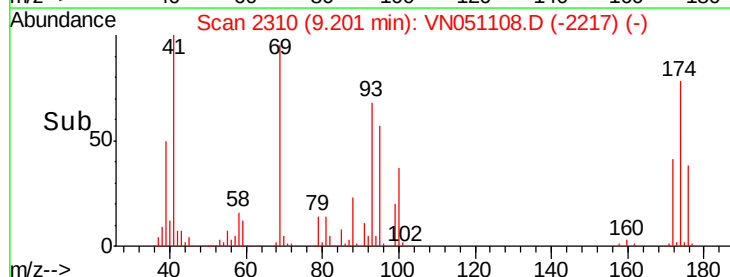
39 52.3 41.6 62.4

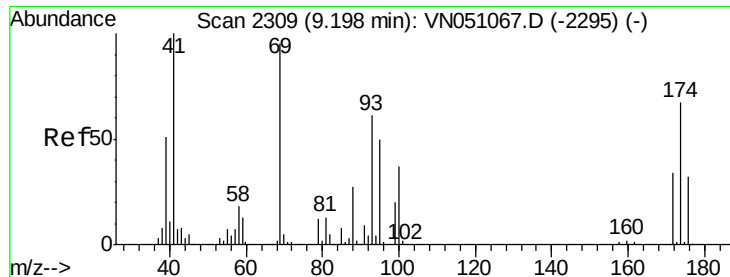


Abundance Ion 41.00 (40.70 to 41.70): VN051108.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN051108.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN051108.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1047.38 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.01 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MSD

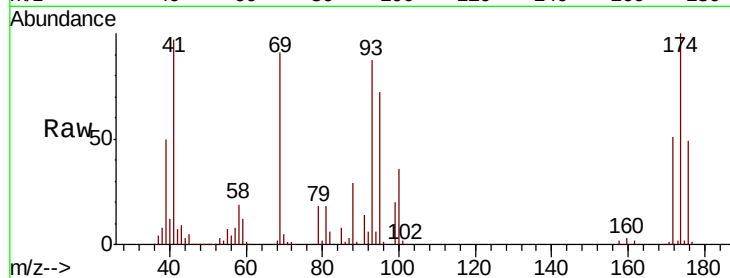
Tot Ion: 88 Resp: 78568

Ion Ratio Lower Upper

88 100

43 26.4 23.7 35.5

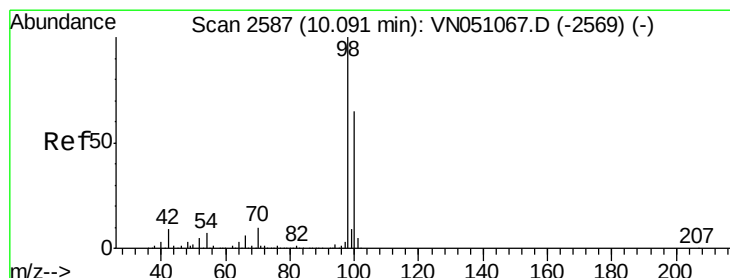
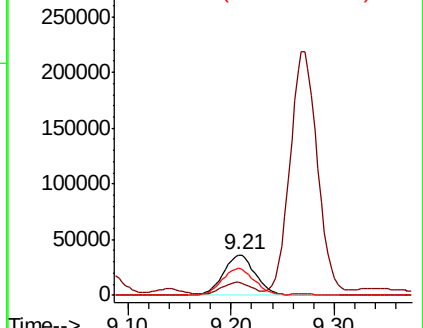
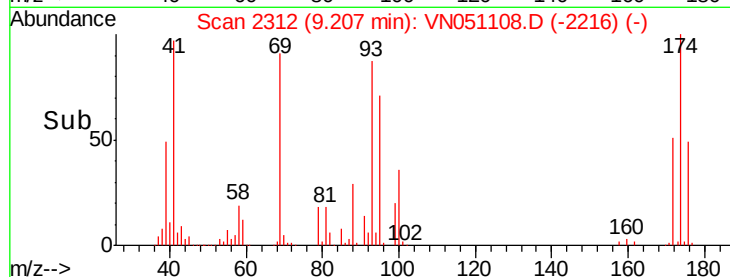
58 67.1 54.6 82.0



Abundance Ion 88.00 (87.70 to 88.70): VN051108.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN051108.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN051108.D (-2216) (-)



#50

Toluene-d8

Concen: 53.50 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN051108.D

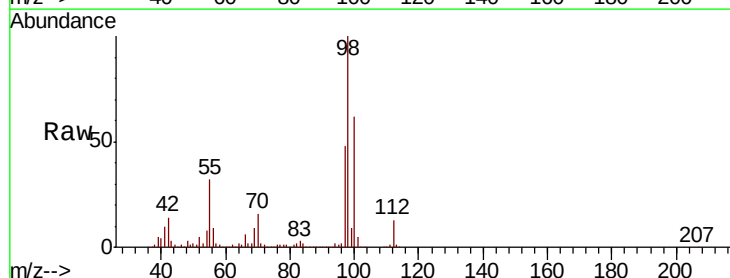
Acq: 11 Sep 2018 4:28

Tgt Ion: 98 Resp: 1334775

Ion Ratio Lower Upper

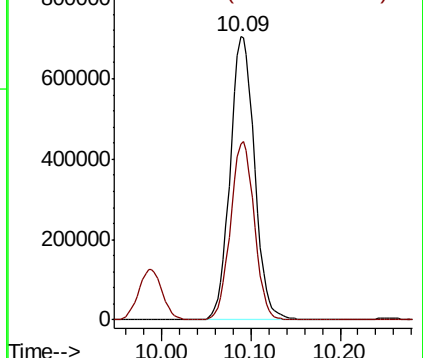
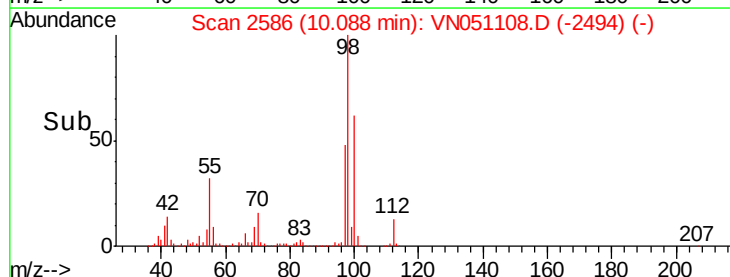
98 100

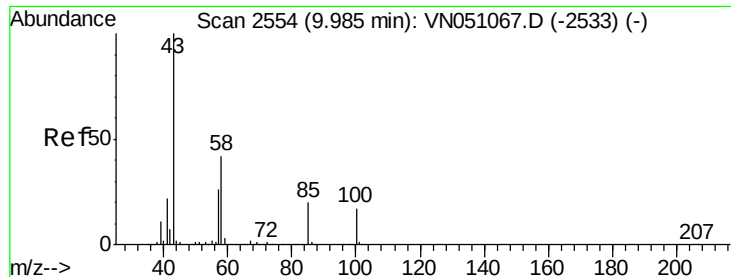
100 61.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051108.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN051108.D (-2494) (-)

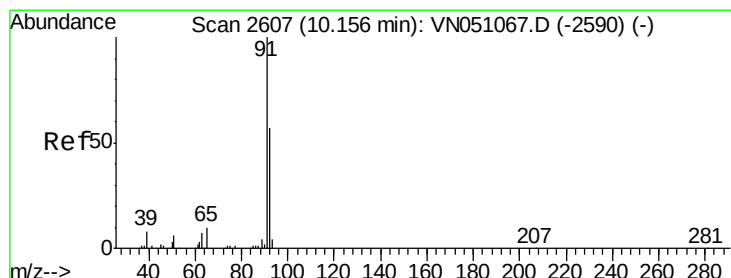
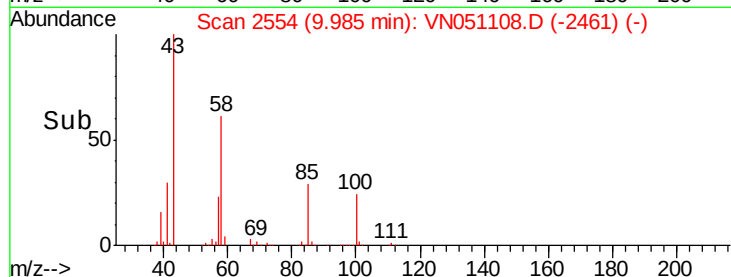
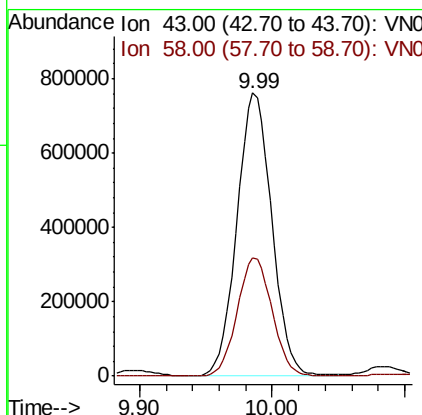
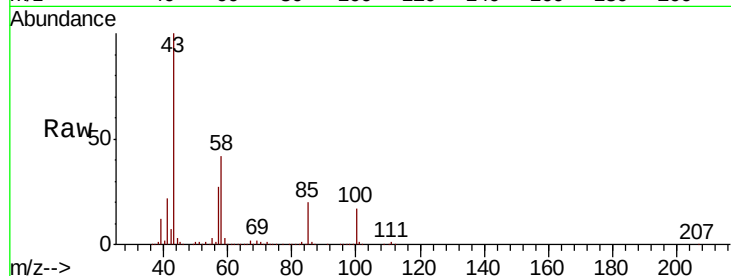




#51
 4-Methyl-2-Pentanone
 Concen: 255.22 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN051108.D
 Acq: 11 Sep 2018 4:28

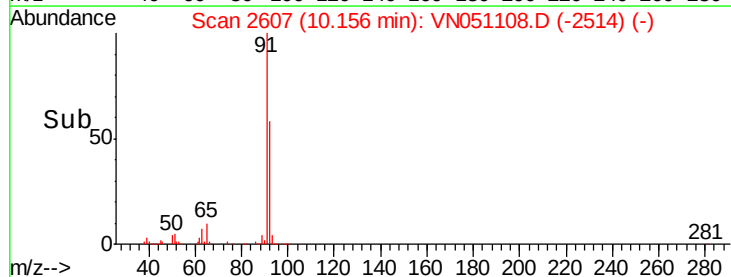
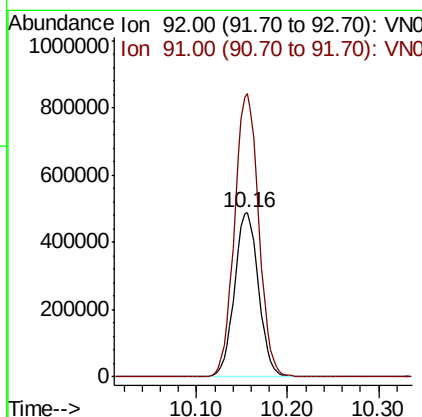
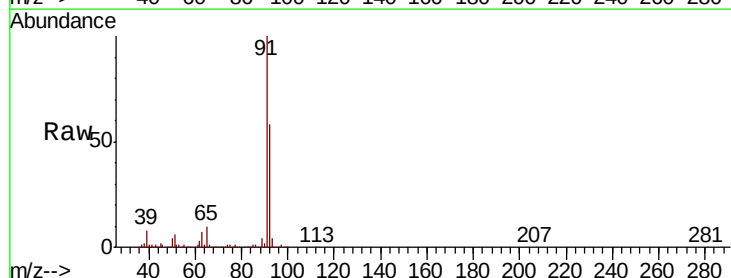
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MSD

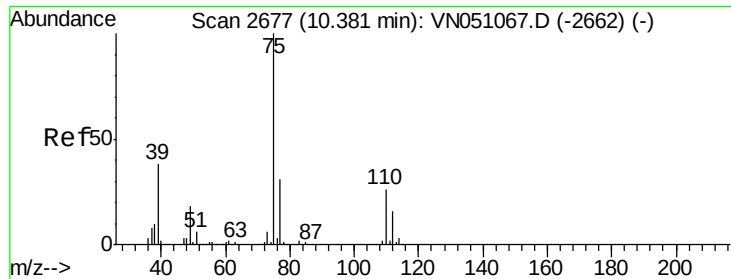
Tot Ion: 43 Resp: 1385427
 Ion Ratio Lower Upper
 43 100
 58 42.1 33.5 50.3



#52
 Toluene
 Concen: 50.64 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN051108.D
 Acq: 11 Sep 2018 4:28

Tgt Ion: 92 Resp: 893718
 Ion Ratio Lower Upper
 92 100
 91 173.7 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 50.75 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Instrument :

MSVOA_N

ClientSampleId :

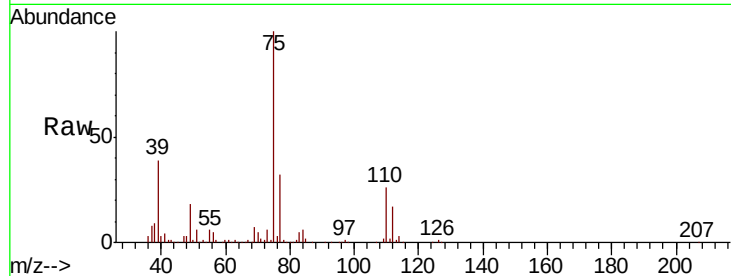
EP1-MW-C(15-20)MSD

Tot Ion: 75 Resp: 471288

Ion Ratio Lower Upper

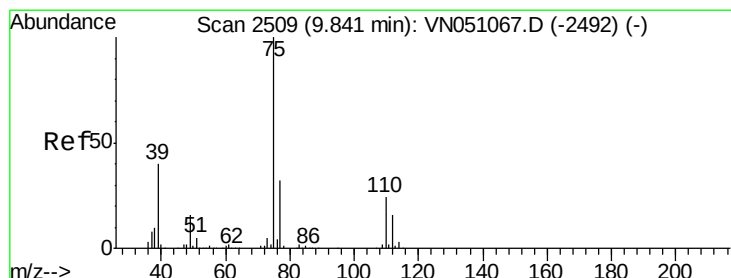
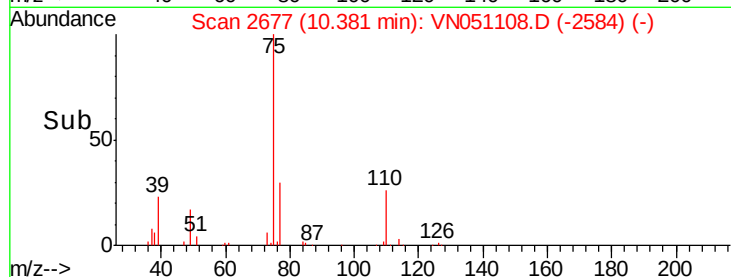
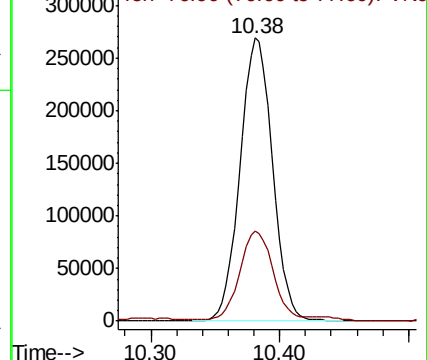
75 100

77 31.1 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 48.53 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

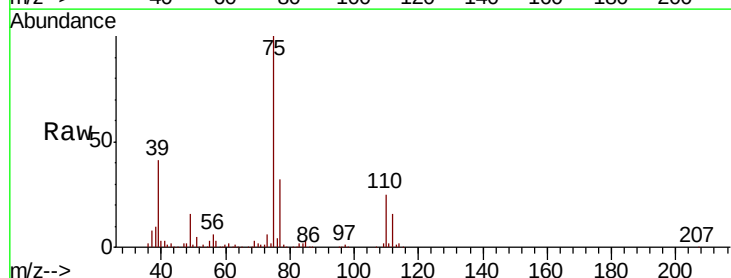
Tgt Ion: 75 Resp: 528404

Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5

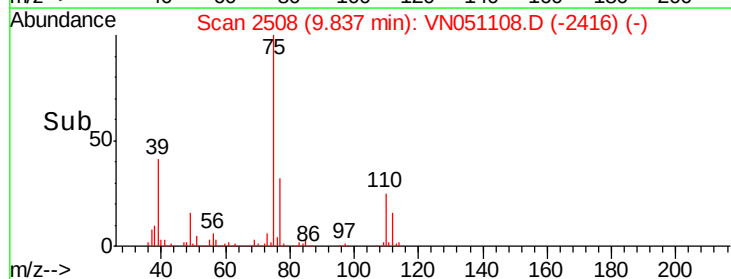
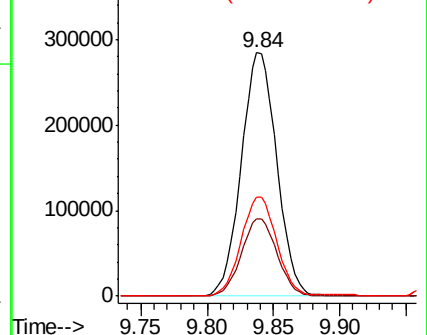
39 40.7 31.9 47.9

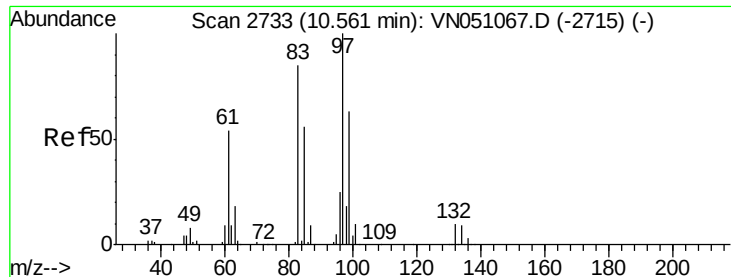


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 44.85 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MSD

Tot Ion: 97 Resp: 287531

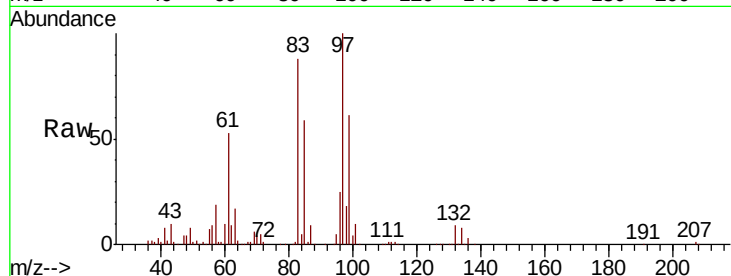
Ion Ratio Lower Upper

97 100

83 85.0 68.2 102.2

85 54.7 44.8 67.2

99 61.2 50.2 75.4

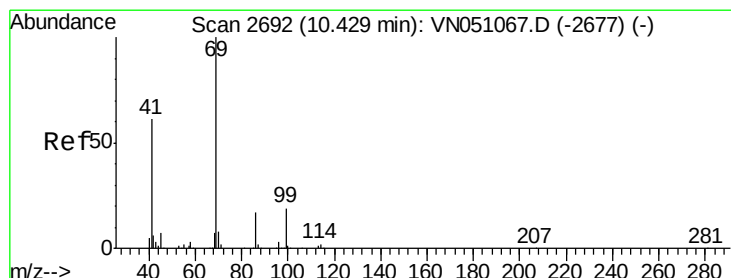
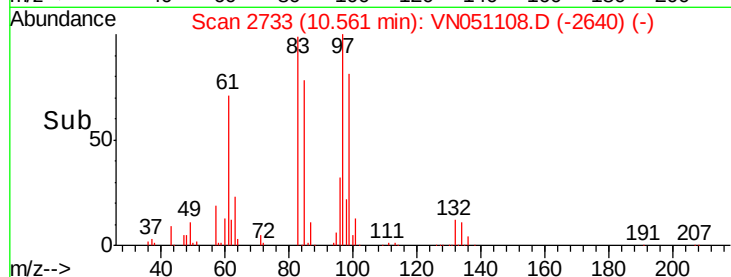
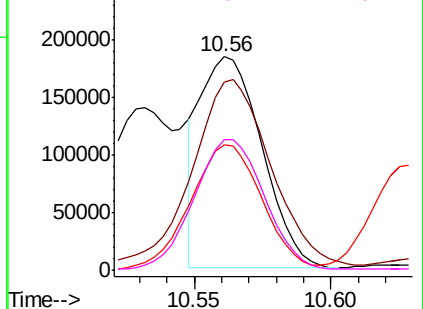


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 69.64 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

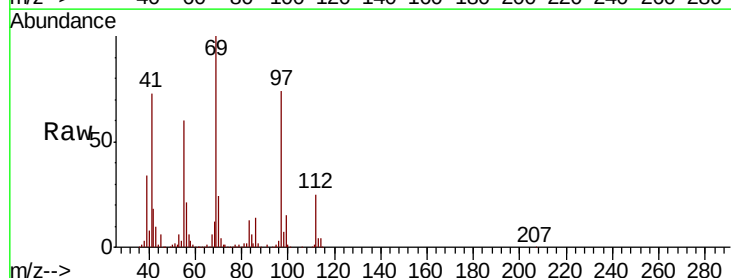
Tgt Ion: 69 Resp: 607911

Ion Ratio Lower Upper

69 100

41 72.1 47.8 71.8#

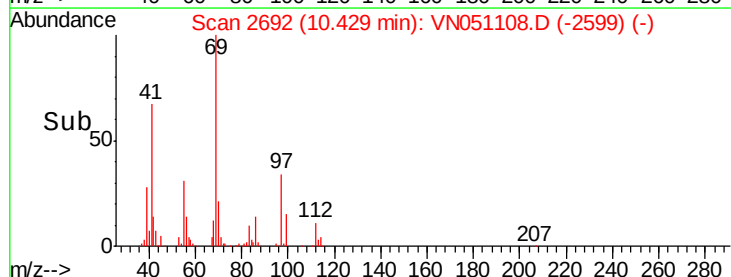
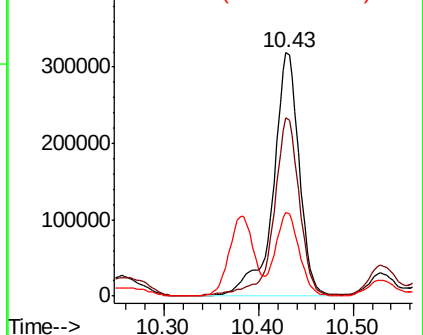
39 30.9 23.0 34.4

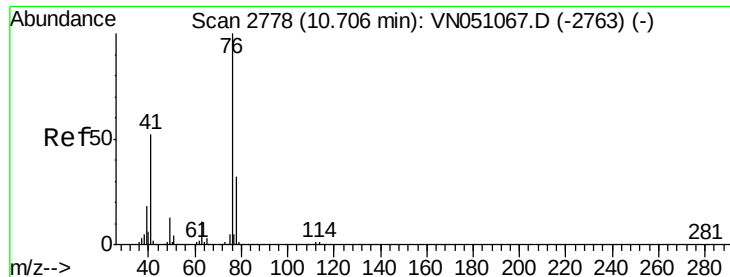


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 51.97 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Instrument :

MSVOA_N

ClientSampleId :

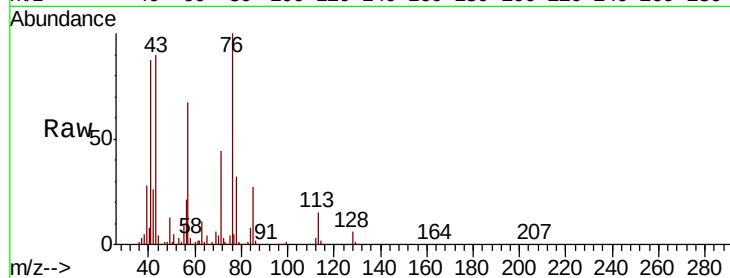
EP1-MW-C(15-20)MSD

Tot Ion: 76 Resp: 552388

Ion Ratio Lower Upper

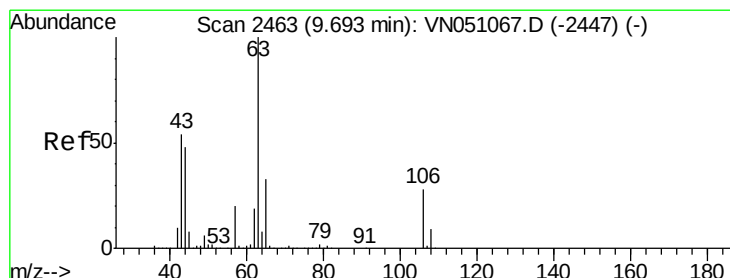
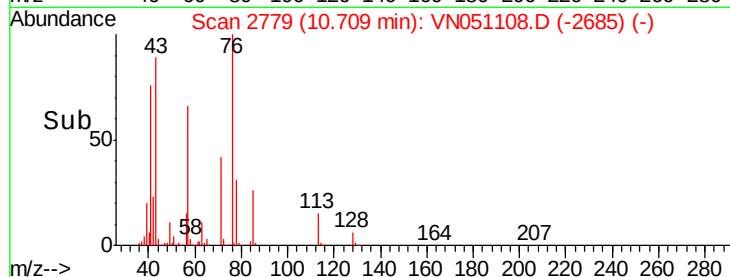
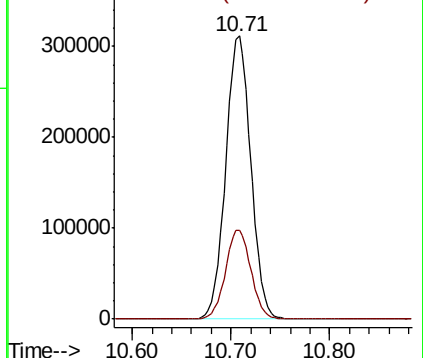
76 100

78 31.9 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 262.68 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051108.D

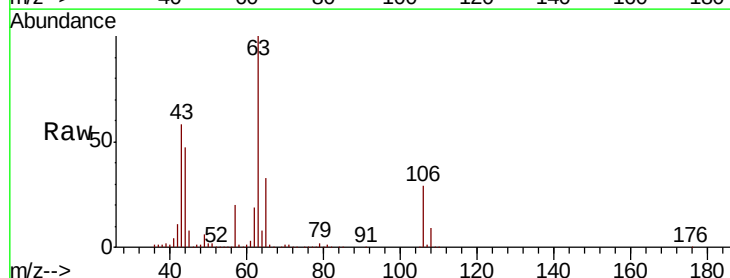
Acq: 11 Sep 2018 4:28

Tgt Ion: 63 Resp: 953026

Ion Ratio Lower Upper

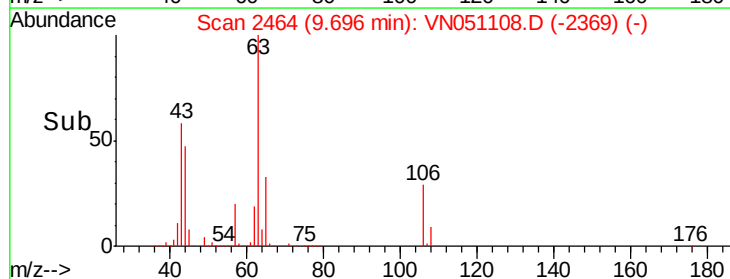
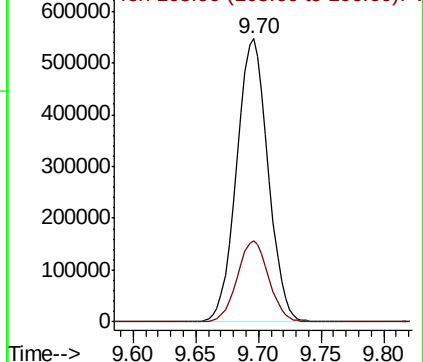
63 100

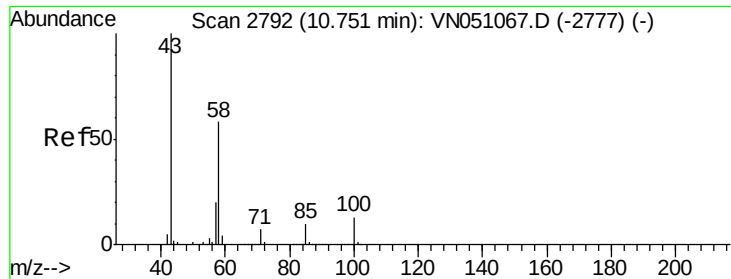
106 28.6 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

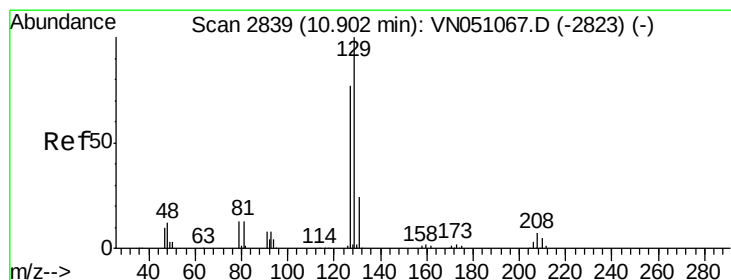
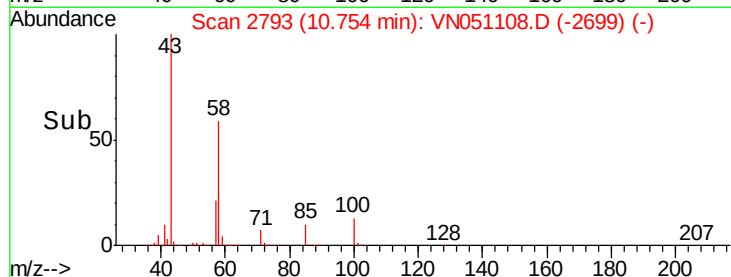
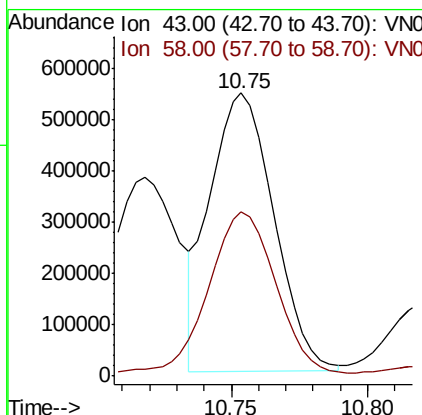
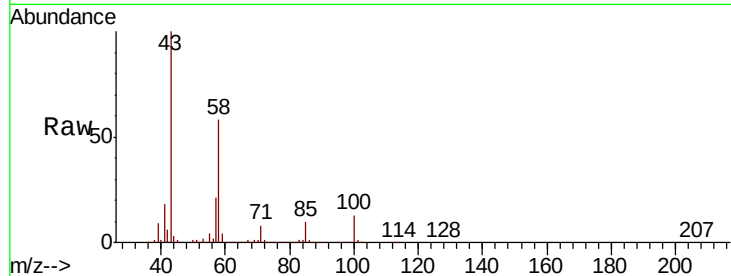




#59
2-Hexanone
Concen: 240.15 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051108.D
Acq: 11 Sep 2018 4:28

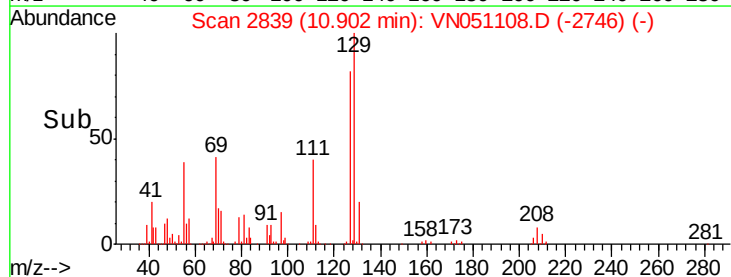
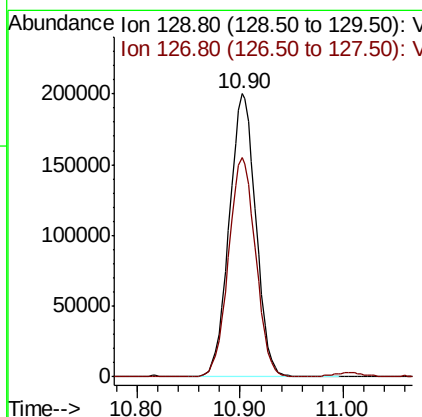
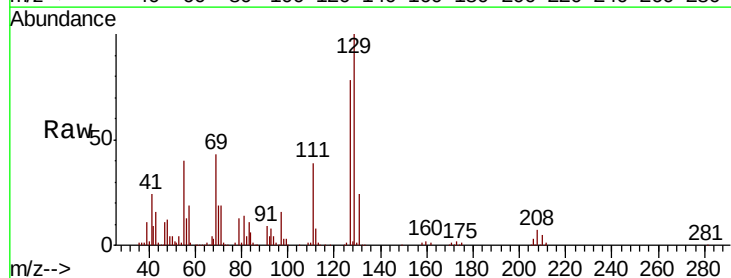
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)MSD

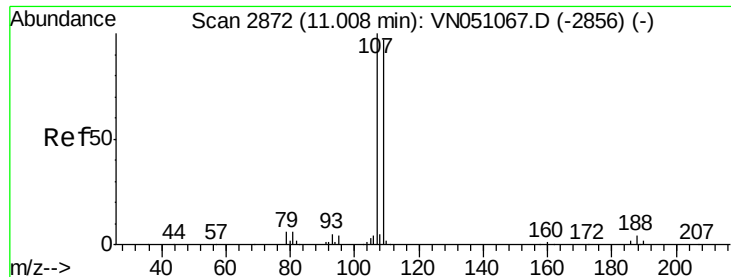
Tot Ion: 43 Resp: 884078
Ion Ratio Lower Upper
43 100
58 64.5 29.3 88.0



#60
Dibromochloromethane
Concen: 49.67 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051108.D
Acq: 11 Sep 2018 4:28

Tgt Ion: 129 Resp: 358982
Ion Ratio Lower Upper
129 100
127 79.0 38.5 115.5

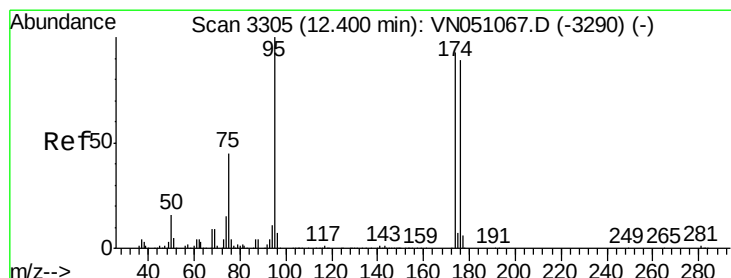
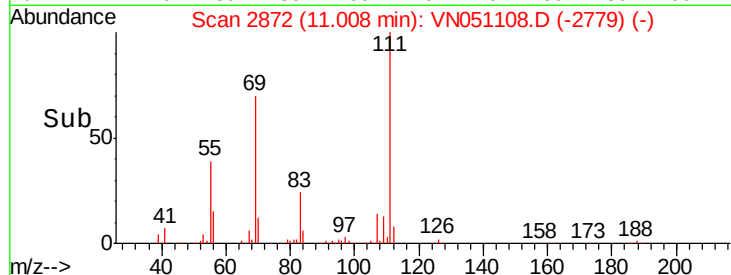
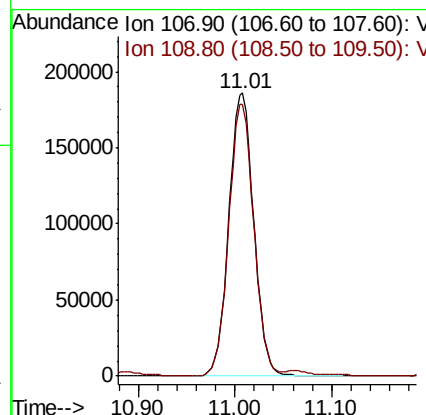
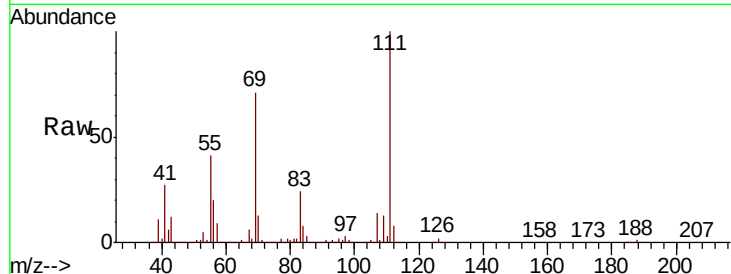




#61
 1,2-Dibromoethane
 Concen: 53.20 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN051108.D
 Acq: 11 Sep 2018 4:28

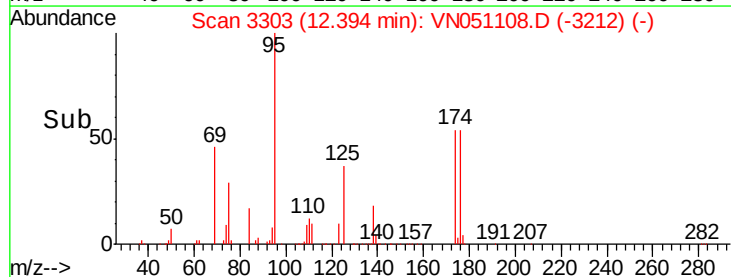
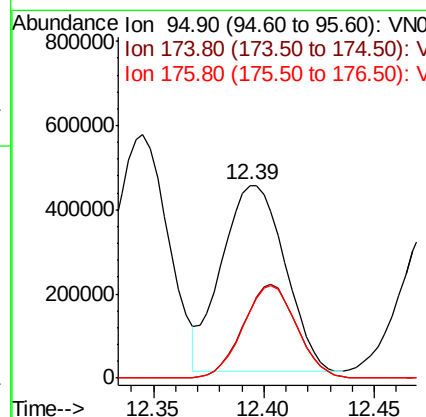
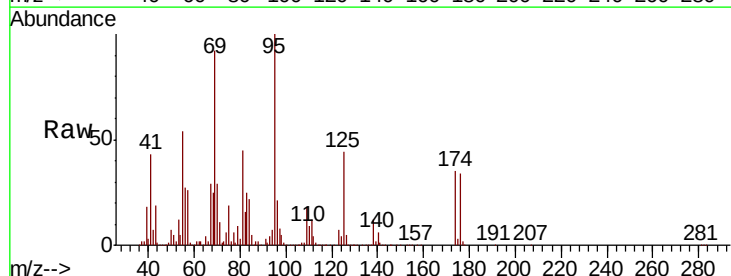
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MSD

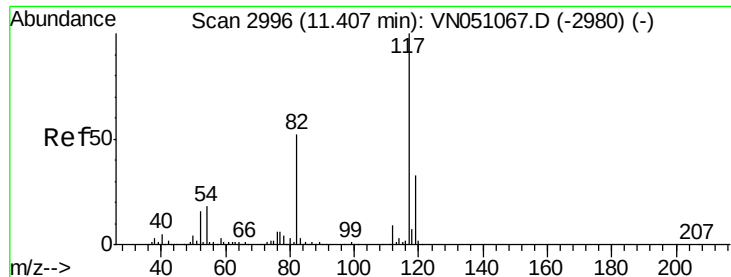
Tot Ion: 107 Resp: 333401
 Ion Ratio Lower Upper
 107 100
 109 96.4 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 106.64 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. -0.01 min
 Lab File: VN051108.D
 Acq: 11 Sep 2018 4:28

Tgt Ion: 95 Resp: 879981
 Ion Ratio Lower Upper
 95 100
 174 42.8 0.0 184.8
 176 42.2 0.0 178.6

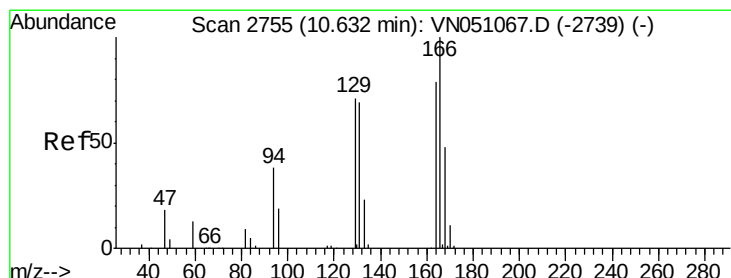
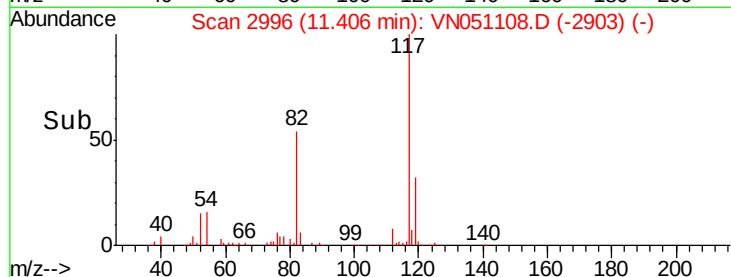
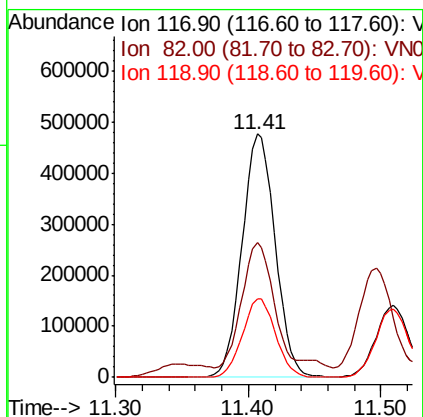
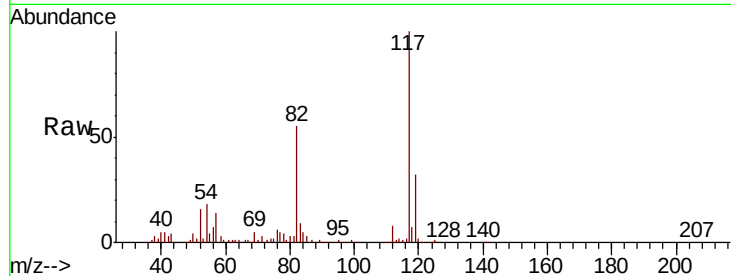




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051108.D
Acq: 11 Sep 2018 4:28

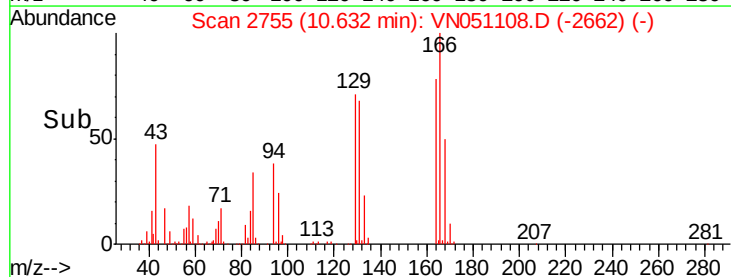
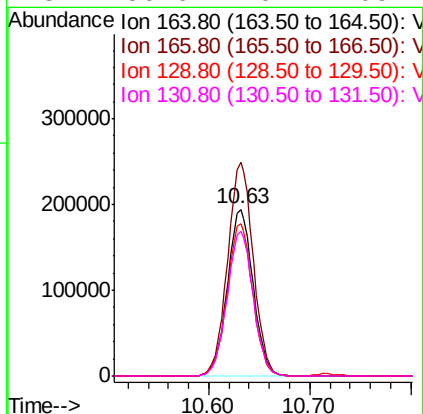
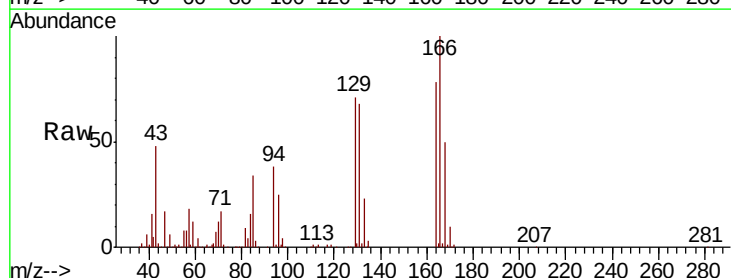
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)MSD

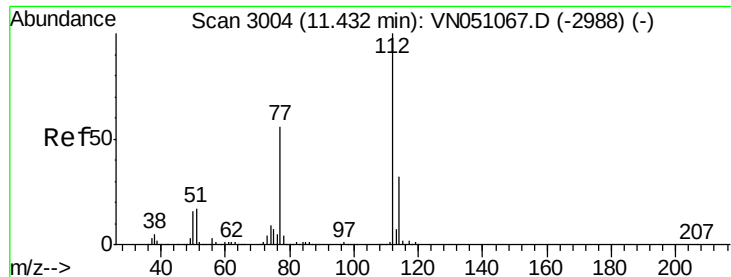
Tot Ion:117 Resp: 825450
Ion Ratio Lower Upper
117 100
82 51.0 41.8 62.6
119 32.4 26.2 39.2



#64
Tetrachloroethene
Concen: 45.77 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051108.D
Acq: 11 Sep 2018 4:28

Tgt Ion:164 Resp: 344719
Ion Ratio Lower Upper
164 100
166 128.2 101.3 151.9
129 91.6 72.2 108.2
131 86.6 70.2 105.2

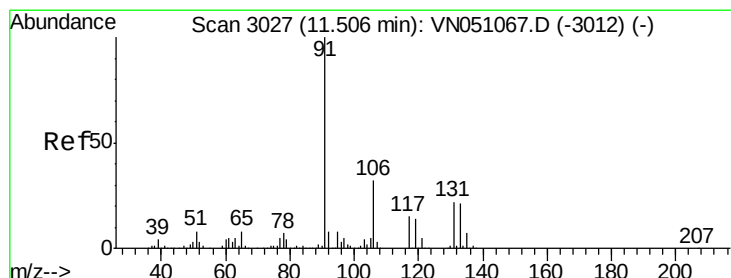
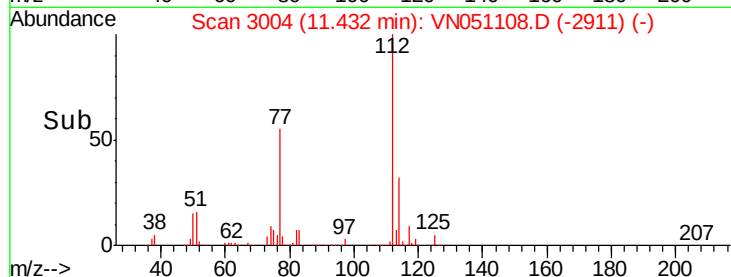
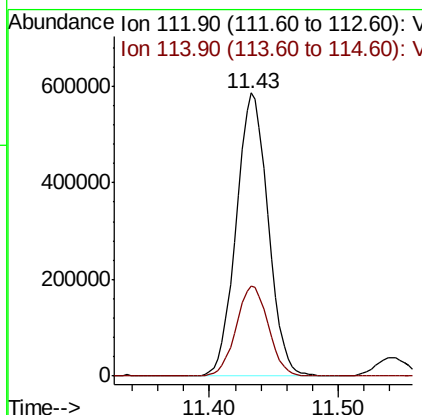
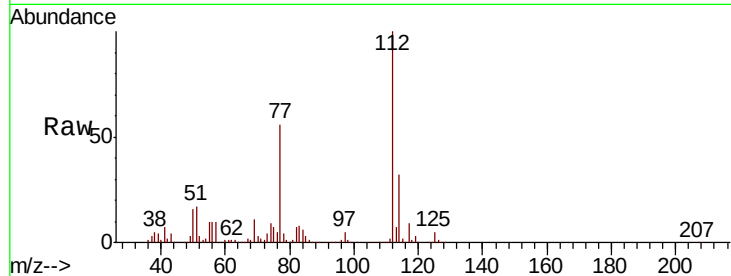




#65
Chlorobenzene
Concen: 48.31 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051108.D
Acq: 11 Sep 2018 4:28

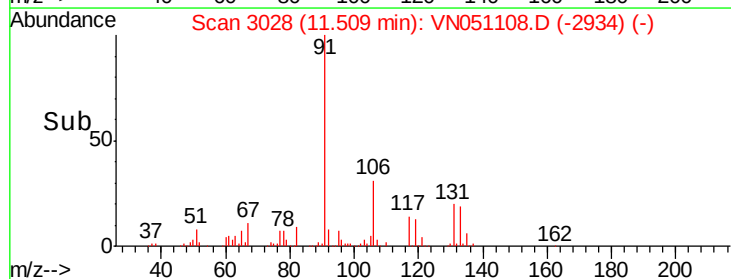
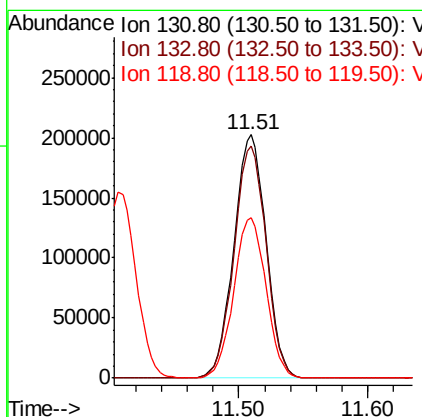
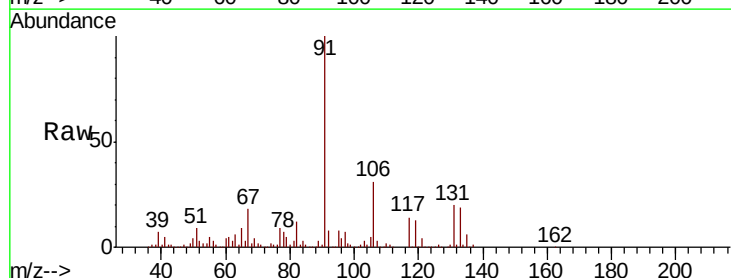
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)MSD

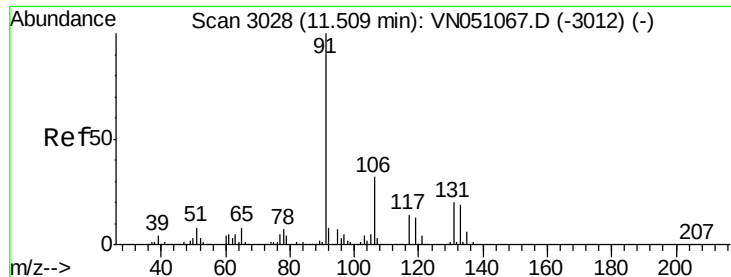
Tot Ion:112 Resp: 1005226
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 46.80 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051108.D
Acq: 11 Sep 2018 4:28

Tgt Ion:131 Resp: 350570
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.6
119 66.2 33.2 99.6

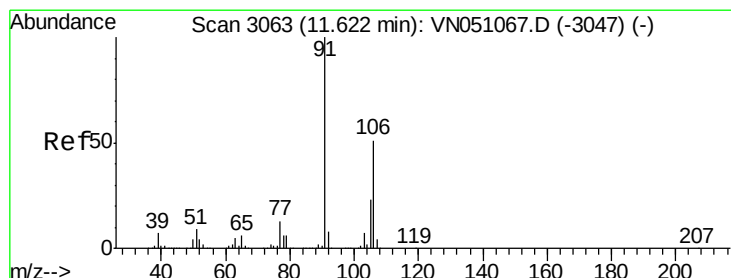
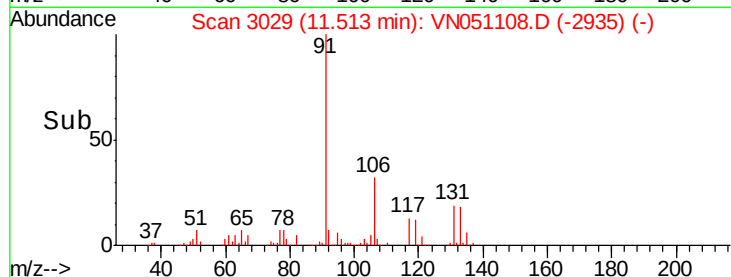
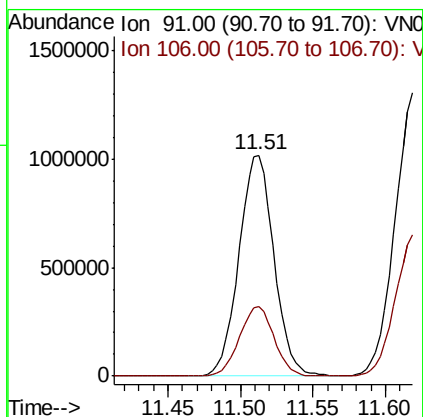
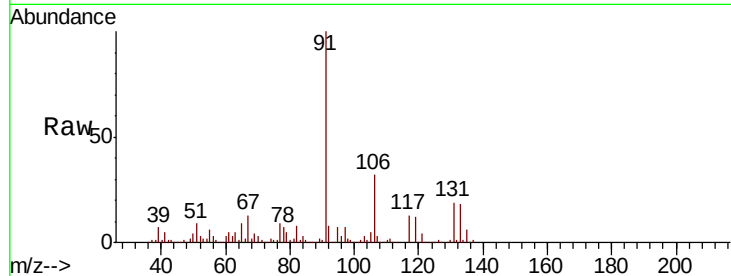




#67
Ethyl Benzene
Concen: 50.53 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051108.D
Acq: 11 Sep 2018 4:28

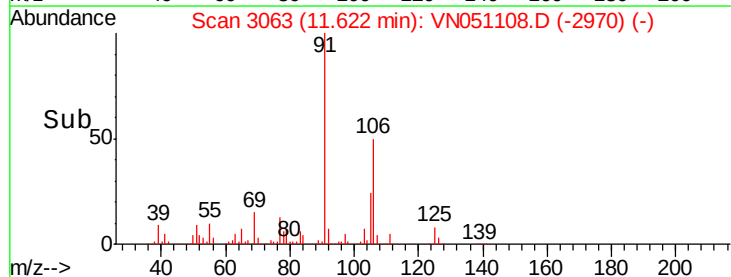
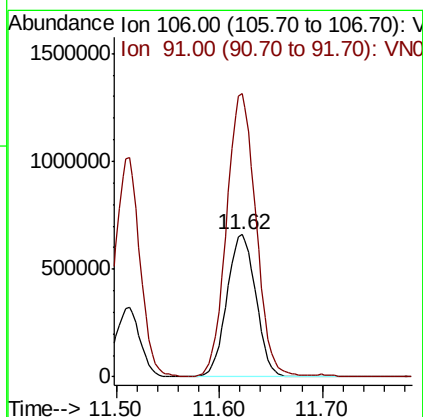
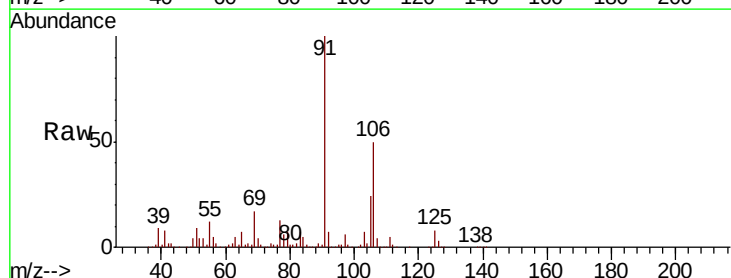
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)MSD

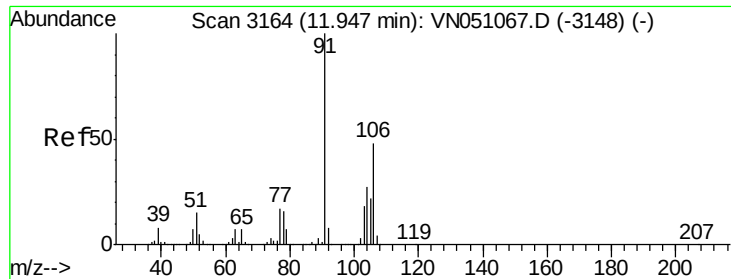
Tot Ion: 91 Resp: 1702714
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.2



#68
m/p-Xylenes
Concen: 99.77 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051108.D
Acq: 11 Sep 2018 4:28

Tgt Ion: 106 Resp: 1291651
Ion Ratio Lower Upper
106 100
91 201.0 159.8 239.6

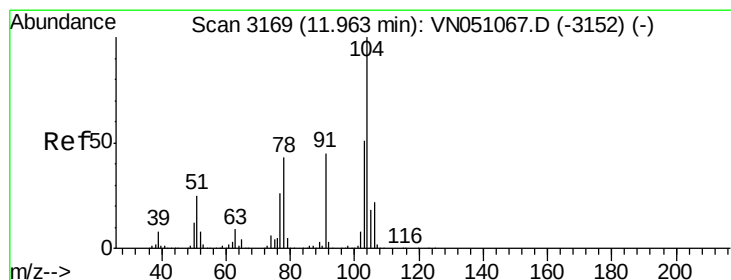
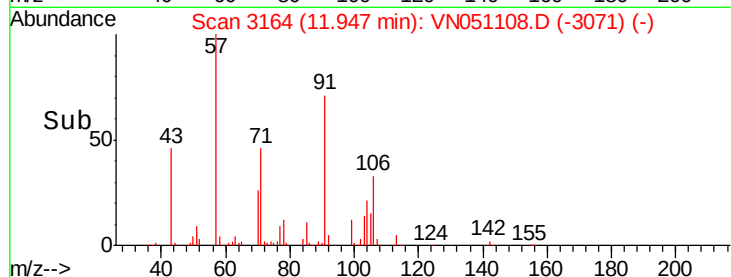
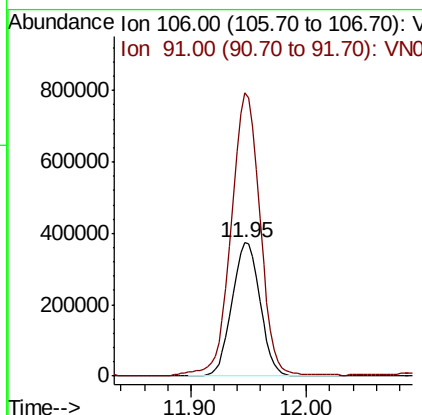
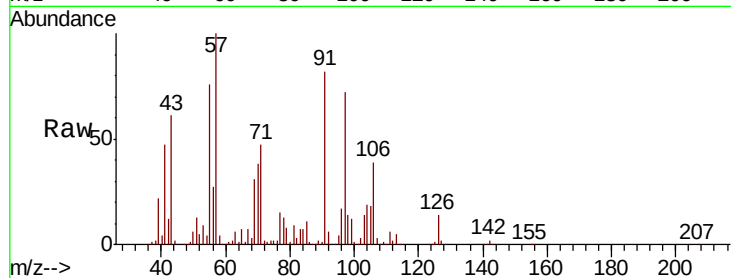




#69
o-Xylene
Concen: 49.64 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051108.D
Acq: 11 Sep 2018 4:28

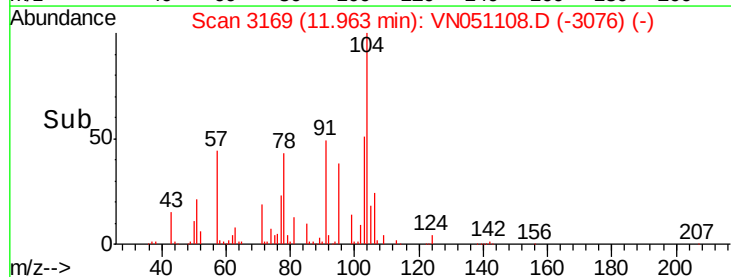
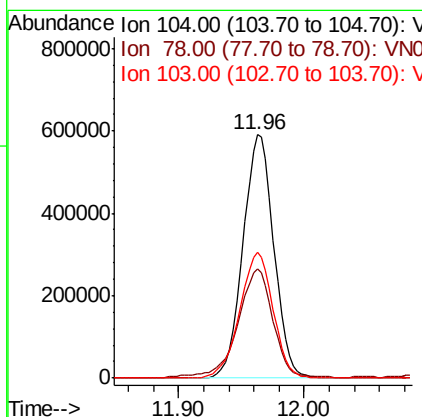
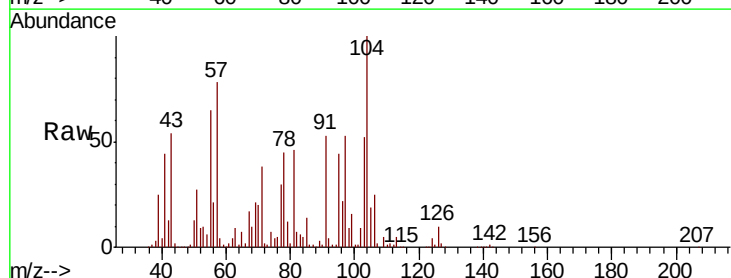
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)MSD

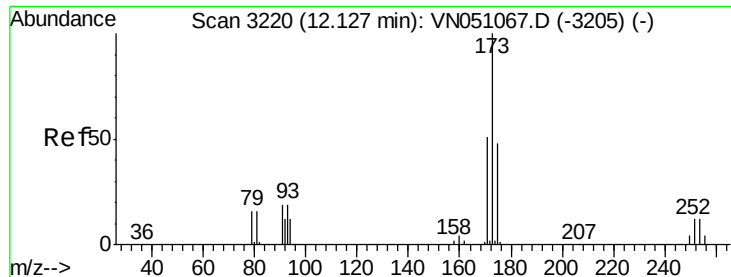
Tot Ion:106 Resp: 622397
Ion Ratio Lower Upper
106 100
91 218.2 105.1 315.1



#70
Styrene
Concen: 51.80 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051108.D
Acq: 11 Sep 2018 4:28

Tgt Ion:104 Resp: 1007355
Ion Ratio Lower Upper
104 100
78 51.4 37.7 56.5
103 56.1 44.6 67.0





#71

Bromoform

Concen: 45.14 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MSD

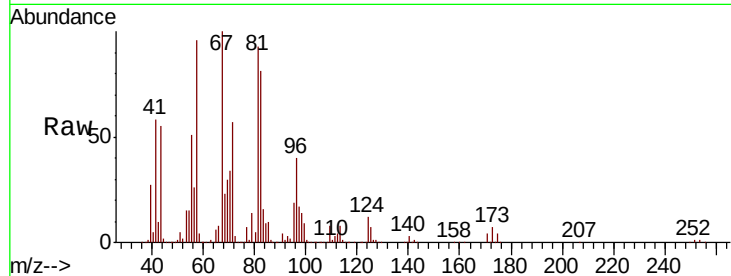
Tot Ion:173 Resp: 238082

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.9

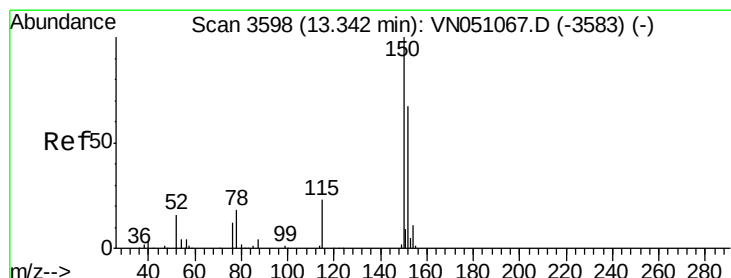
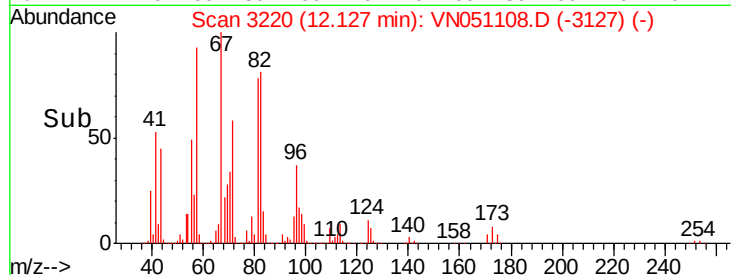
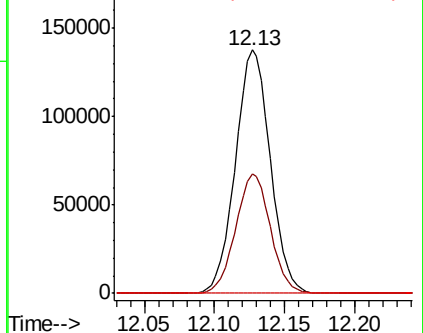
254 0.0 0.0 0.0#



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

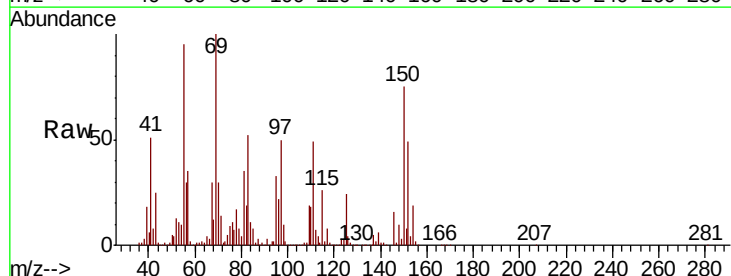
Tgt Ion:152 Resp: 532678

Ion Ratio Lower Upper

152 100

115 42.2 28.2 84.7

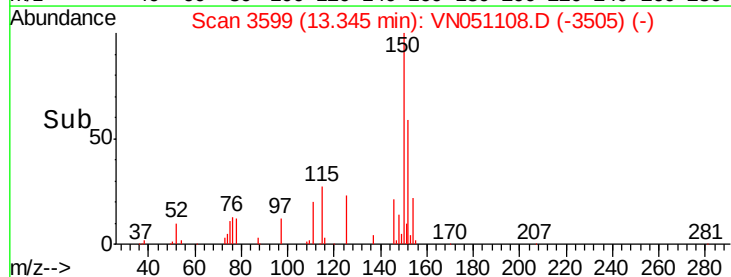
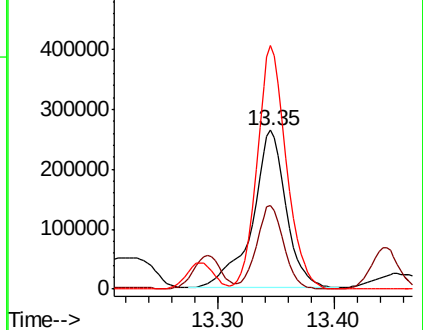
150 132.9 0.0 349.0

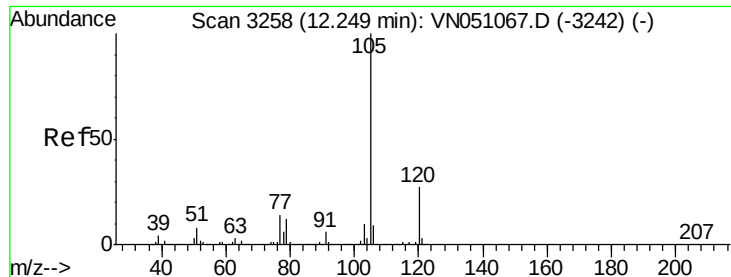


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 122.37 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Instrument :

MSVOA_N

ClientSampleId :

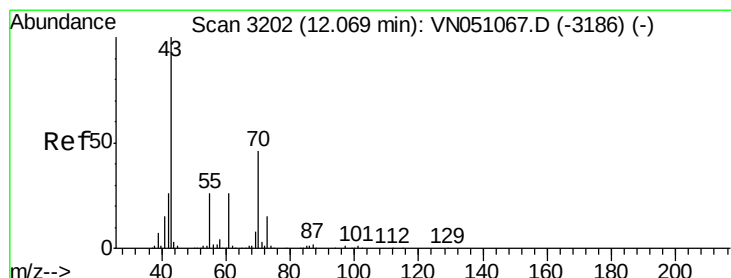
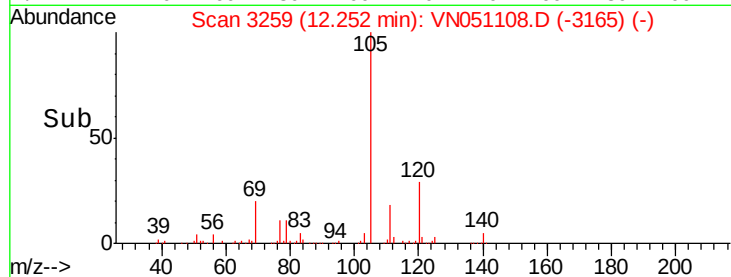
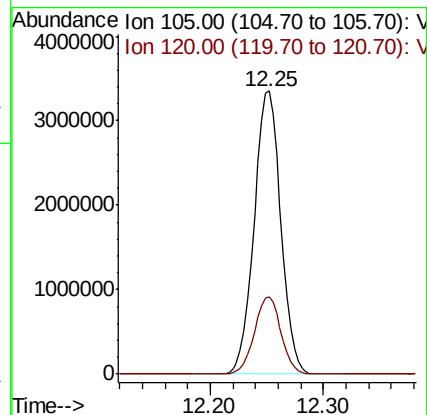
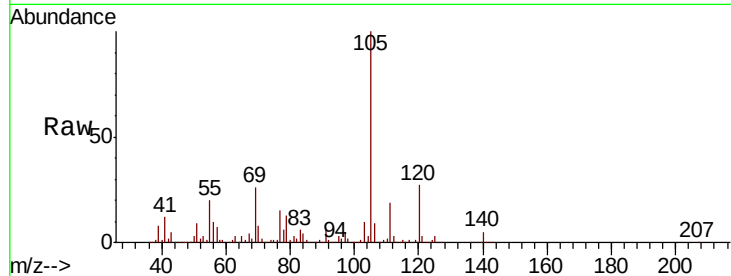
EP1-MW-C(15-20)MSD

Tot Ion:105 Resp: 5466668

Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.7



#74

N-ethyl acetate

Concen: 364.51 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Tgt Ion: 43 Resp: 4097834

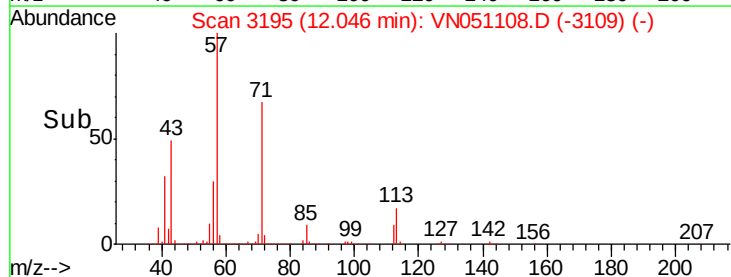
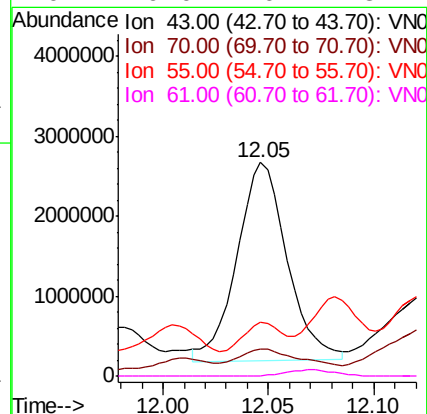
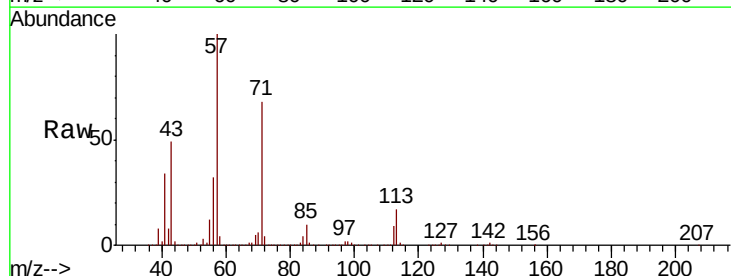
Ion Ratio Lower Upper

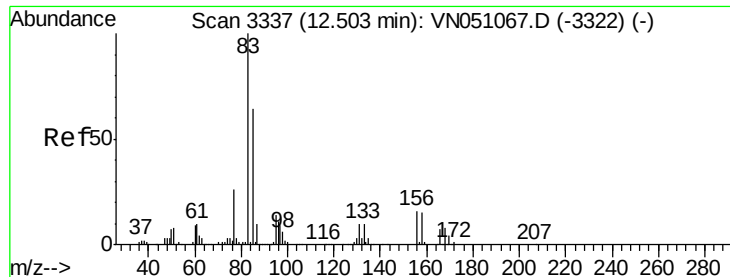
43 100

70 8.4 37.0 55.4#

55 22.0 21.3 31.9

61 0.0 20.7 31.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 93.76 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MSD

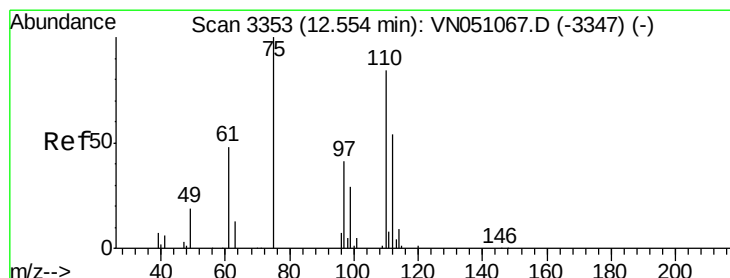
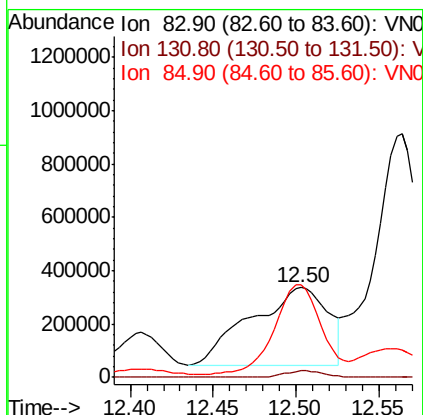
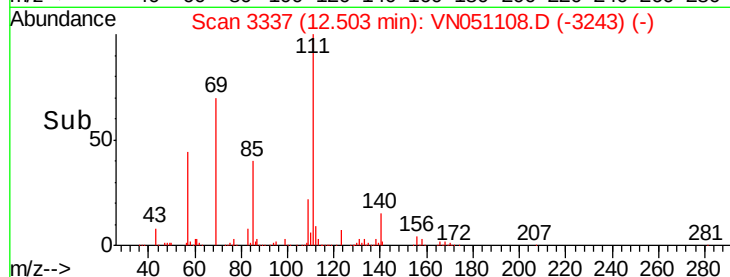
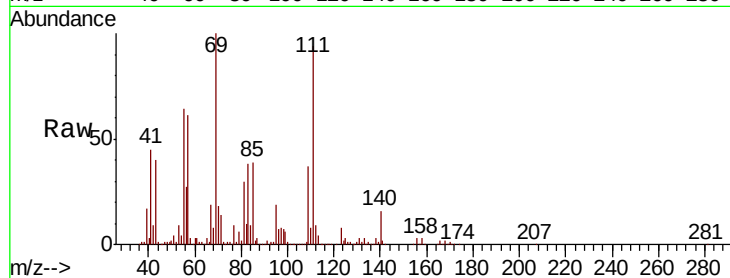
Tot Ion: 83 Resp: 946696

Ion Ratio Lower Upper

83 100

131 4.5 5.3 16.1#

85 70.2 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 56.35 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051108.D

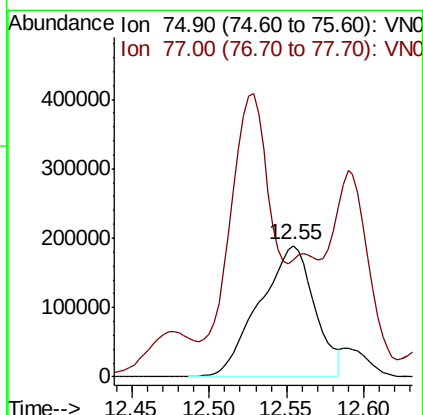
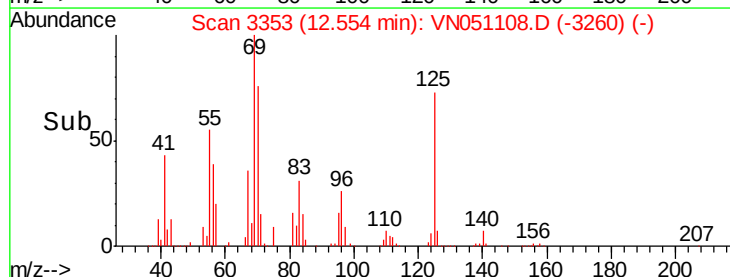
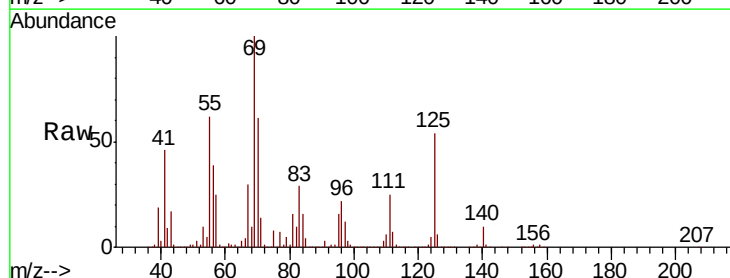
Acq: 11 Sep 2018 4:28

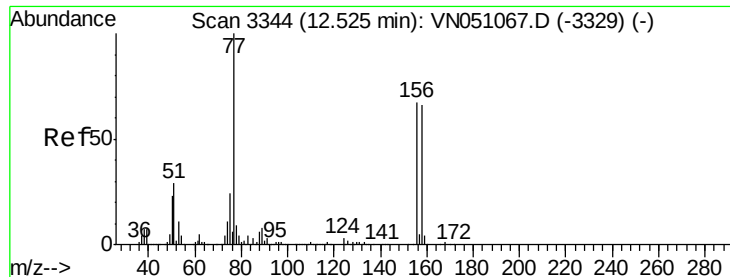
Tgt Ion: 75 Resp: 463835

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 35.15 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MSD

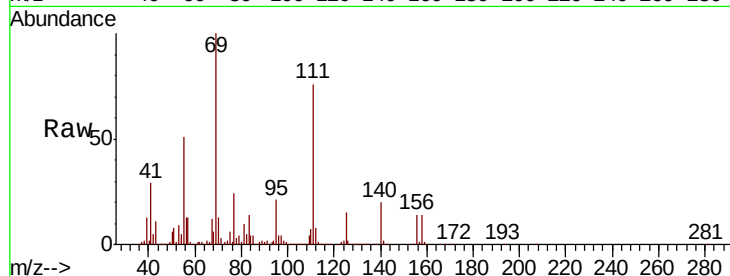
Tot Ion:156 Resp: 421750

Ion Ratio Lower Upper

156 100

77 147.0 87.5 262.6

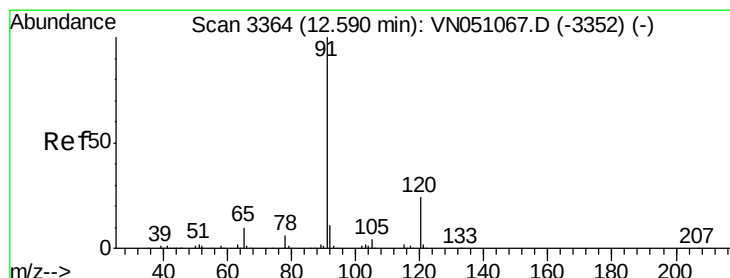
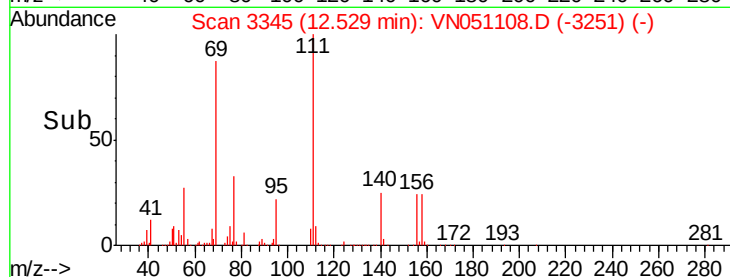
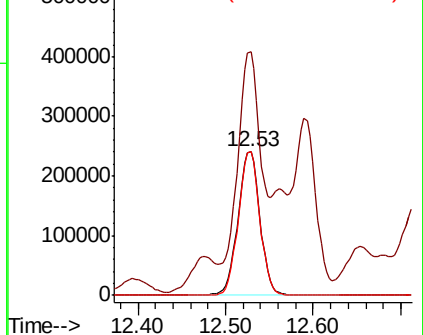
158 96.7 49.0 147.2



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: 242.89 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051108.D

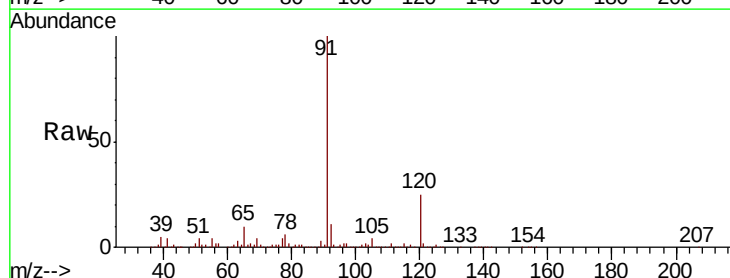
Acq: 11 Sep 2018 4:28

Tgt Ion: 91 Resp:11926595

Ion Ratio Lower Upper

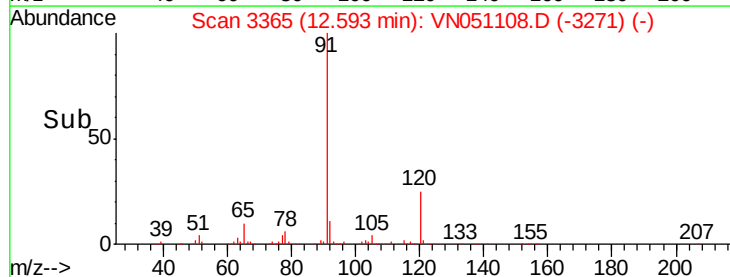
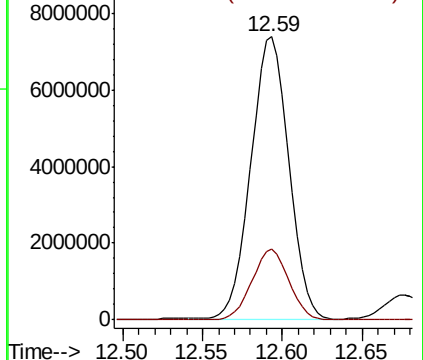
91 100

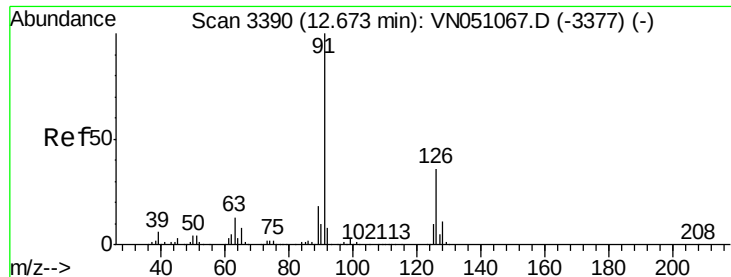
120 24.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 35.27 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Instrument :

MSVOA_N

ClientSampleId :

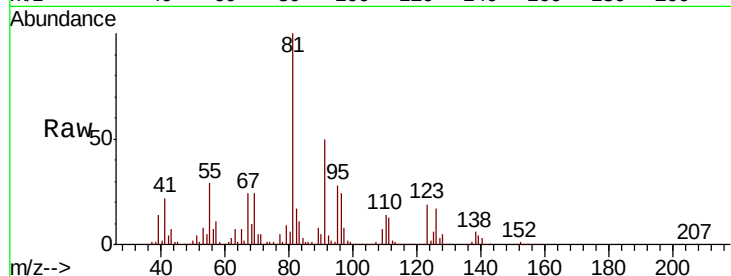
EP1-MW-C(15-20)MSD

Tot Ion: 91 Resp: 1082497

Ion Ratio Lower Upper

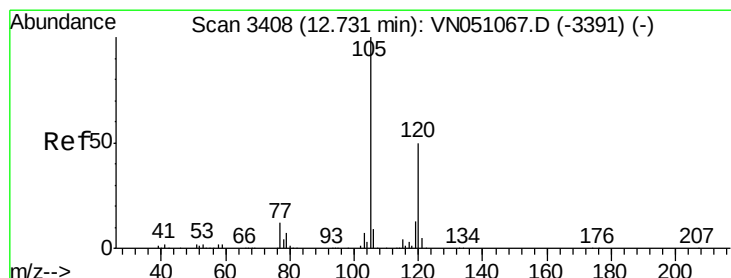
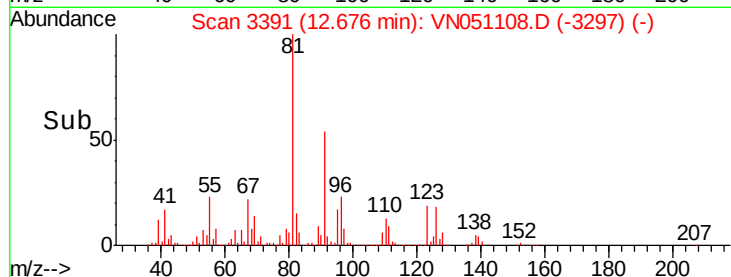
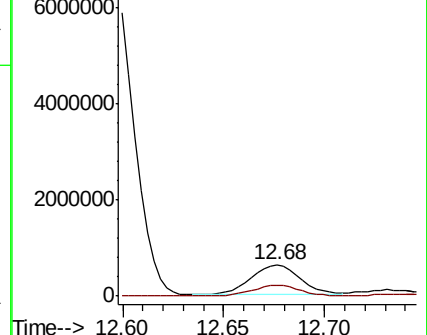
91 100

126 35.0 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN051108.D (-3391) (-)

Ion 125.90 (125.60 to 126.60): VN051108.D (-3391) (-)



#80

1,3,5-Trimethylbenzene

Concen: 33.77 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051108.D

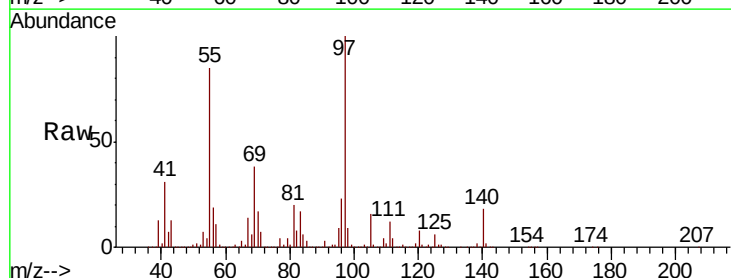
Acq: 11 Sep 2018 4:28

Tgt Ion:105 Resp: 1219531

Ion Ratio Lower Upper

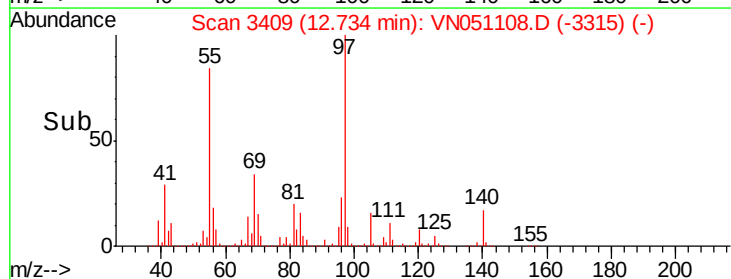
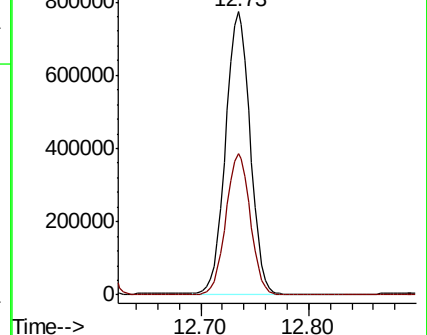
105 100

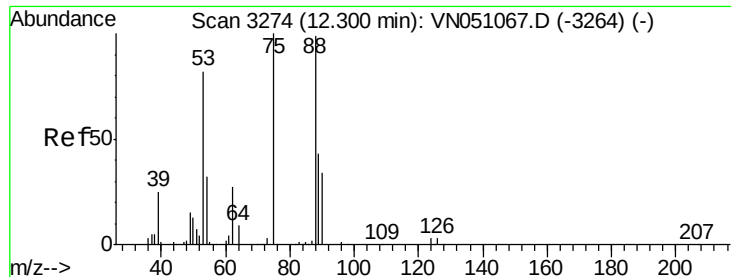
120 49.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN051108.D (-3408) (-)

Ion 120.00 (119.70 to 120.70): VN051108.D (-3408) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 34.33 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MSD

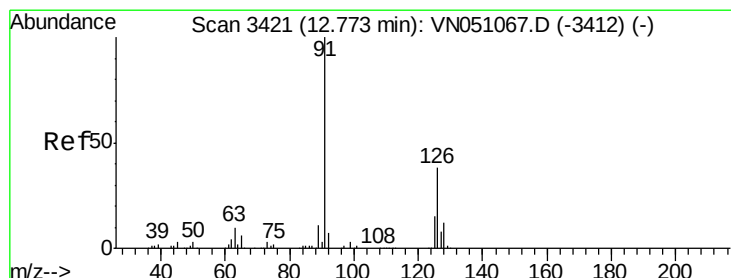
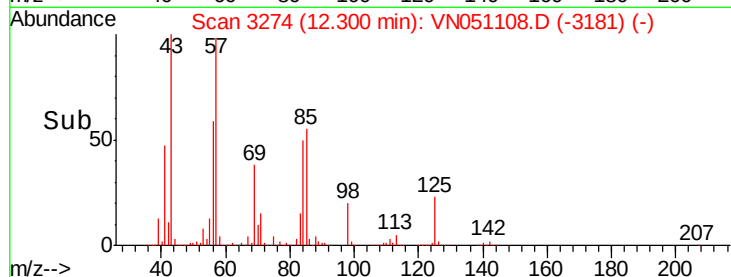
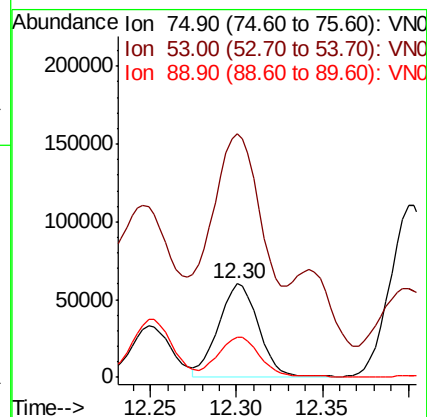
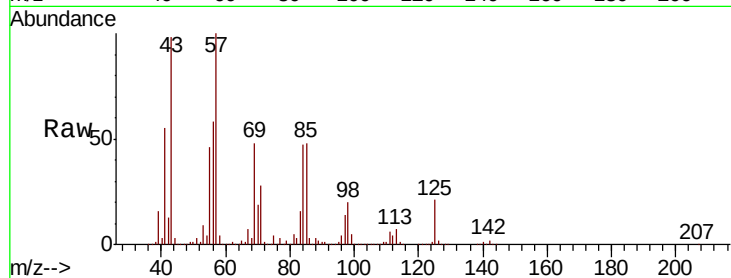
Tot Ion: 75 Resp: 96284

Ion Ratio Lower Upper

75 100

53 170.6 67.8 101.8#

89 44.9 36.0 54.0



#82

4-Chlorotoluene

Concen: 35.21 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051108.D

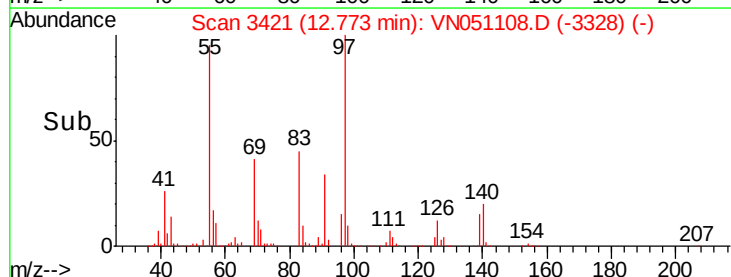
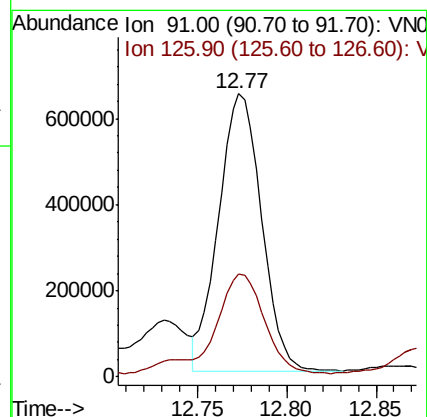
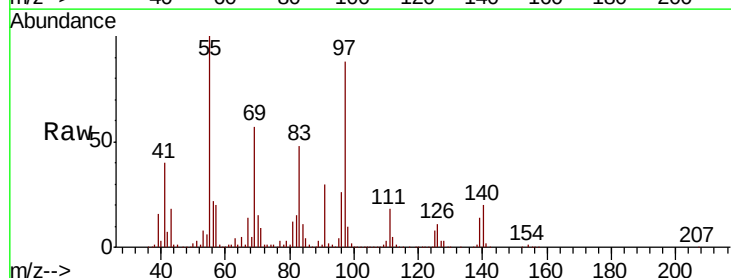
Acq: 11 Sep 2018 4:28

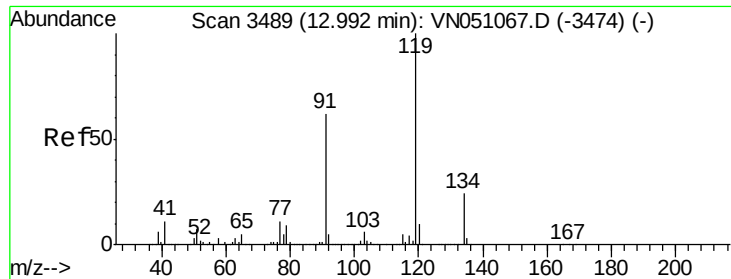
Tgt Ion: 91 Resp: 1072758

Ion Ratio Lower Upper

91 100

126 40.2 17.6 52.8

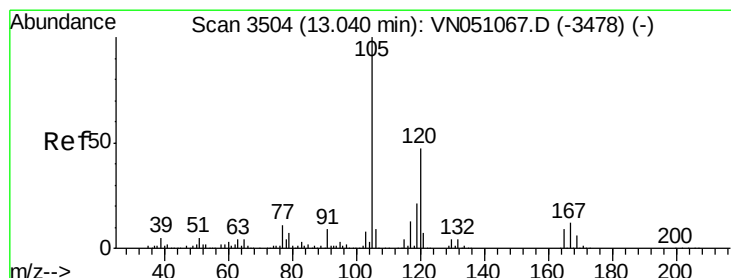
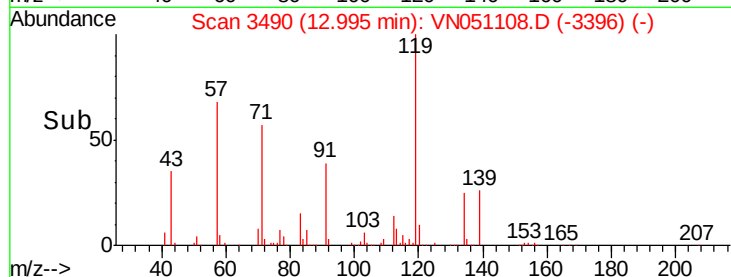
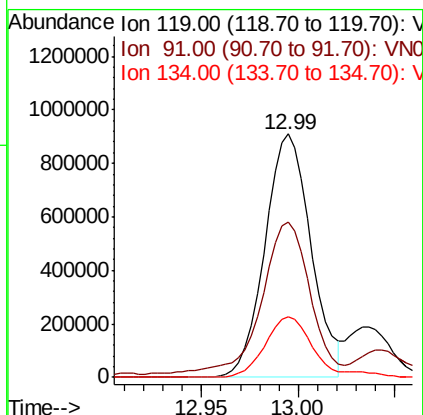
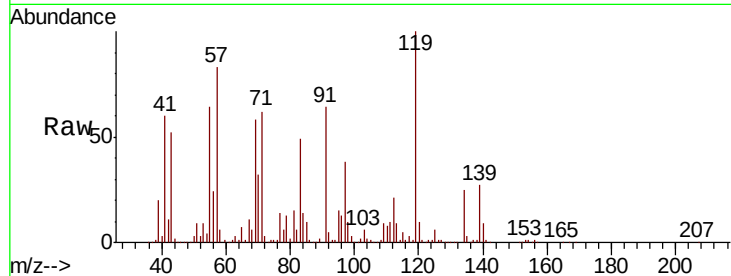




#83
 tert-Butylbenzene
 Concen: 47.17 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051108.D
 Acq: 11 Sep 2018 4:28

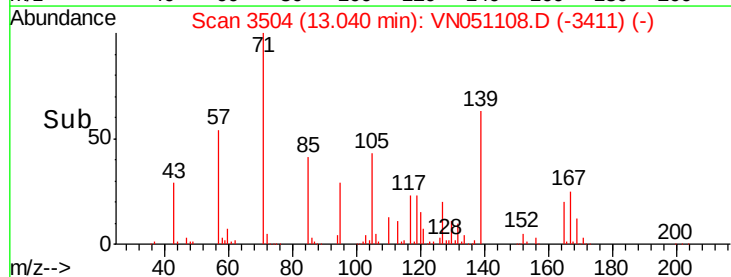
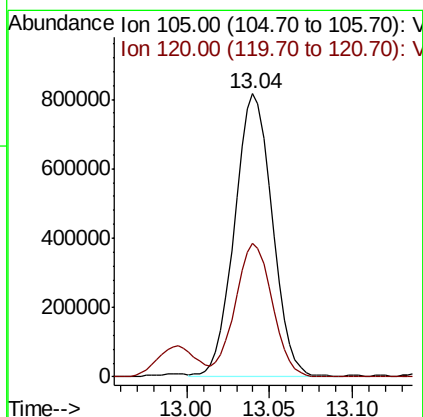
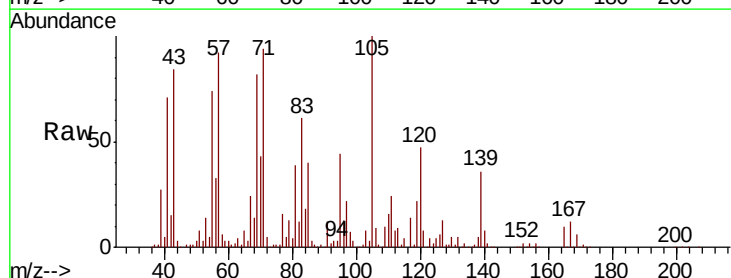
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MSD

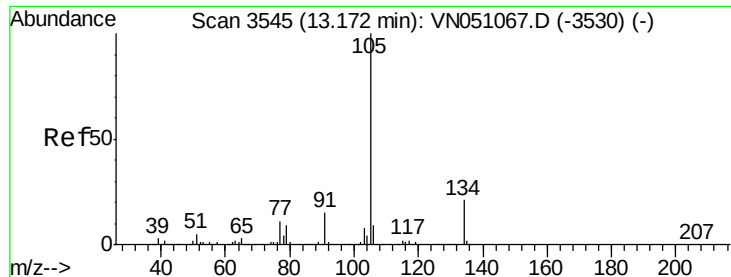
Tot Ion:119 Resp: 1504004
 Ion Ratio Lower Upper
 119 100
 91 64.7 30.8 92.3
 134 26.3 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 35.92 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051108.D
 Acq: 11 Sep 2018 4:28

Tgt Ion:105 Resp: 1275440
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.3 69.8





#85

sec-Butylbenzene

Concen: 130.34 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Instrument :

MSVOA_N

ClientSampleId :

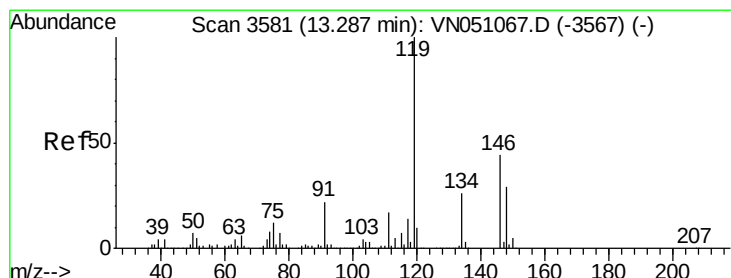
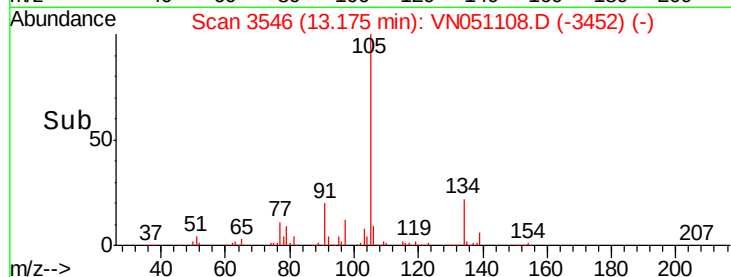
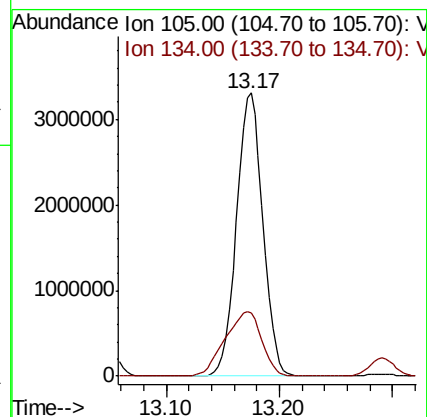
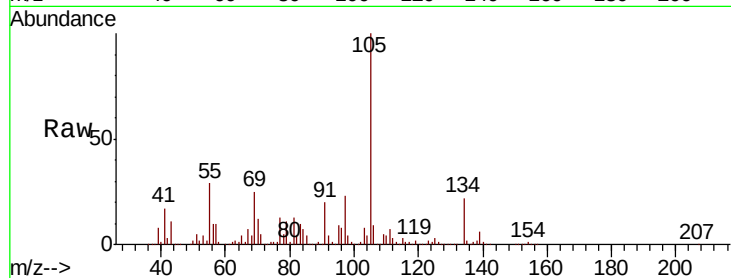
EP1-MW-C(15-20)MSD

Tot Ion:105 Resp: 5329718

Ion Ratio Lower Upper

105 100

134 31.7 10.4 31.4#



#86

p-Isopropyltoluene

Concen: 35.06 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

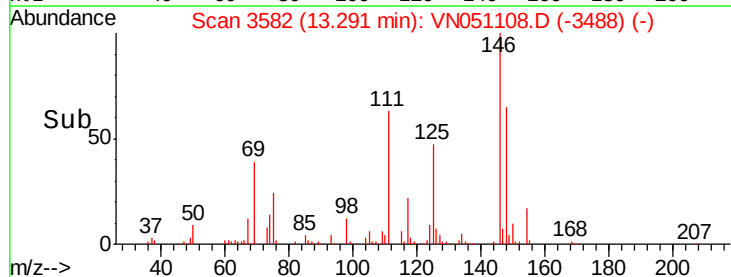
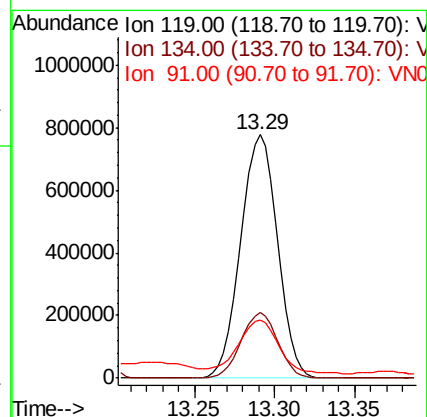
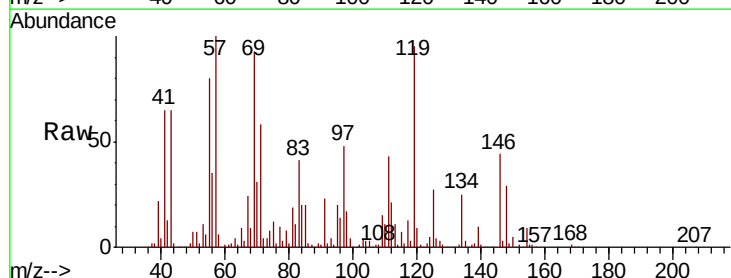
Tgt Ion:119 Resp: 1215646

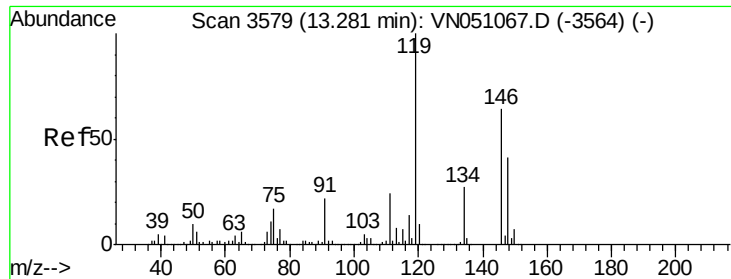
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 23.7 10.9 32.9

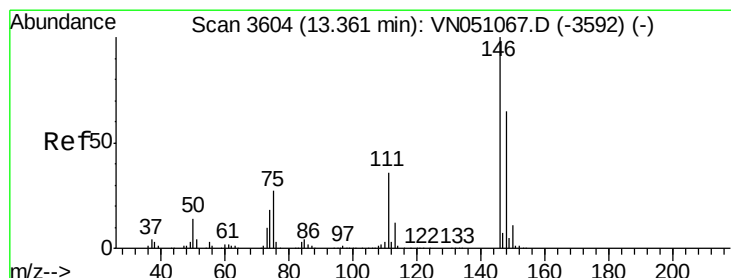
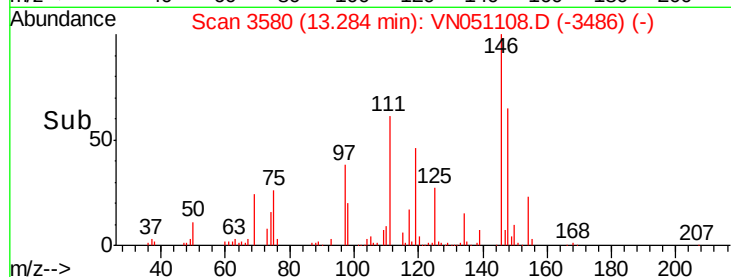
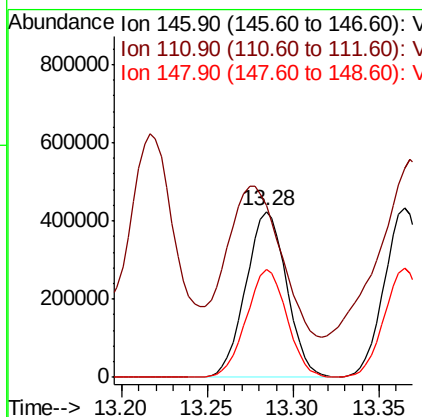
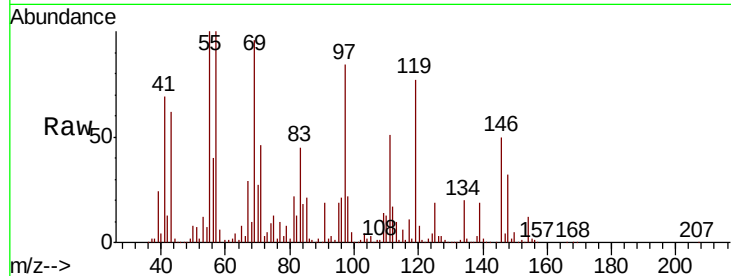




#87
 1,3-Dichlorobenzene
 Concen: 34.30 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN051108.D
 Acq: 11 Sep 2018 4:28

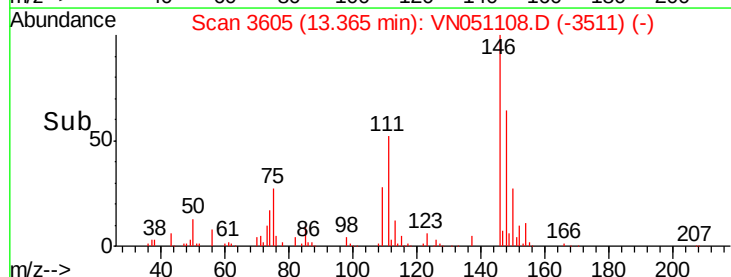
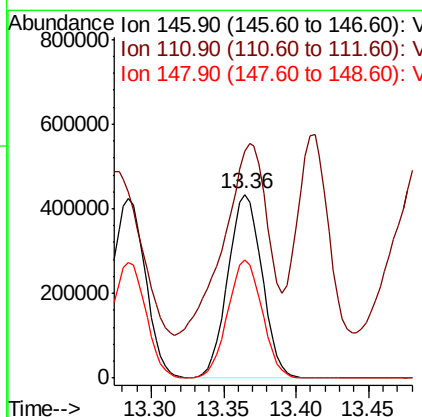
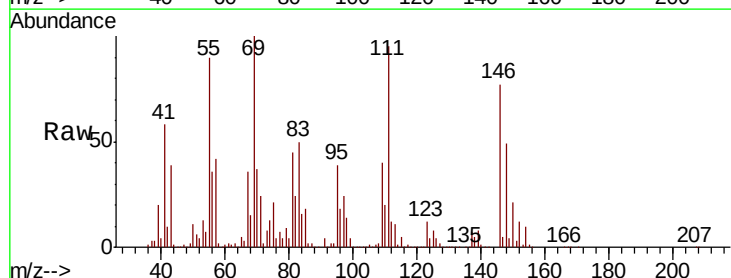
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MSD

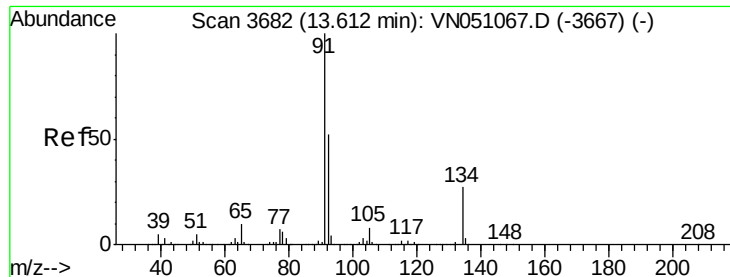
Tot Ion:146 Resp: 698142
 Ion Ratio Lower Upper
 146 100
 111 117.1 19.1 57.1#
 148 64.6 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 37.83 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051108.D
 Acq: 11 Sep 2018 4:28

Tgt Ion:146 Resp: 707010
 Ion Ratio Lower Upper
 146 100
 111 131.5 18.4 55.0#
 148 64.6 32.2 96.6

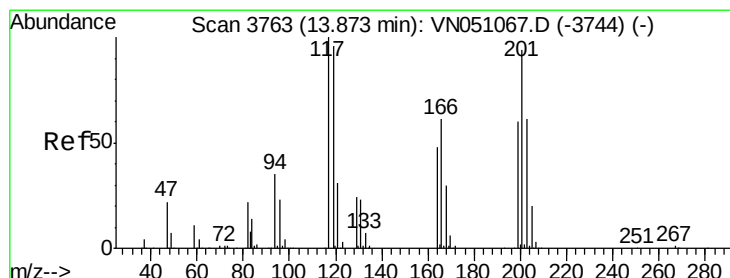
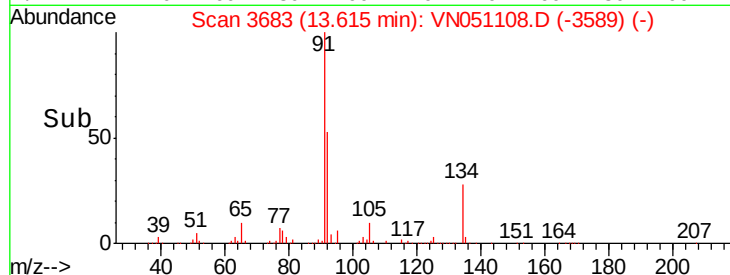
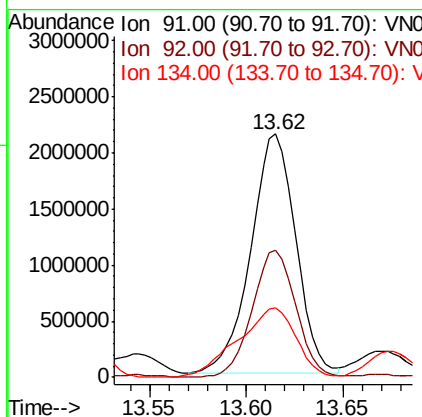
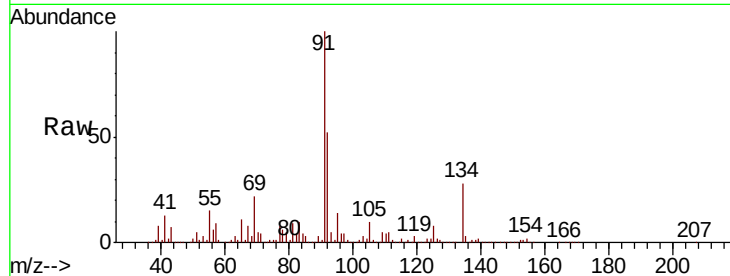




#89
n-Butylbenzene
Concen: 128.22 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051108.D
Acq: 11 Sep 2018 4:28

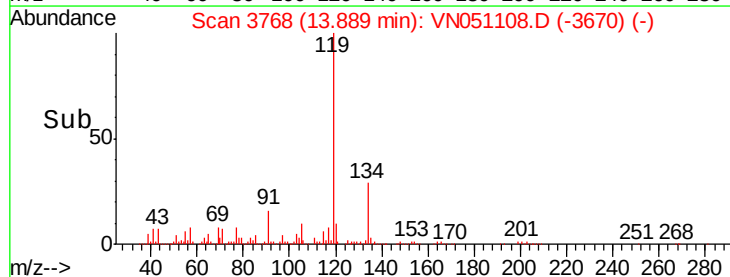
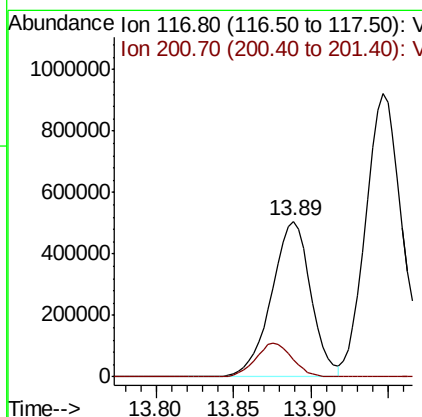
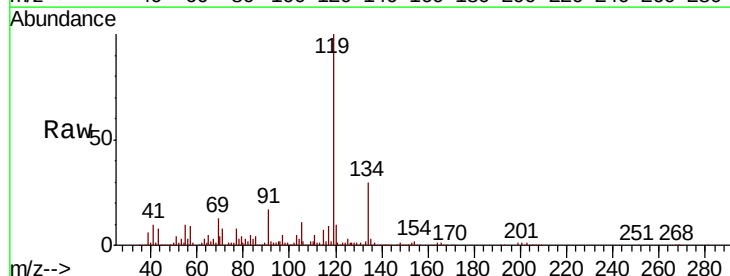
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)MSD

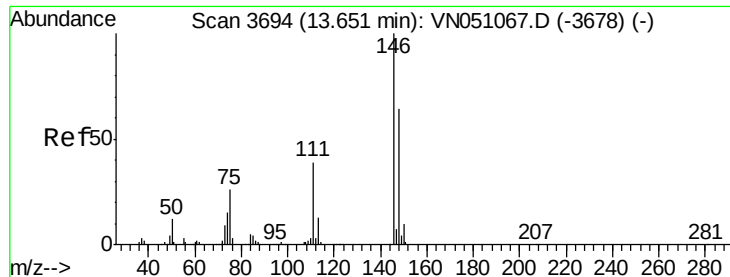
Tot Ion: 91 Resp: 3459905
Ion Ratio Lower Upper
91 100
92 50.9 26.2 78.6
134 37.6 13.7 41.1



#90
Hexachloroethane
Concen: 142.65 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN051108.D
Acq: 11 Sep 2018 4:28

Tgt Ion: 117 Resp: 893247
Ion Ratio Lower Upper
117 100
201 20.2 47.3 142.0#





#91

1,2-Dichlorobenzene

Concen: 35.34 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MSD

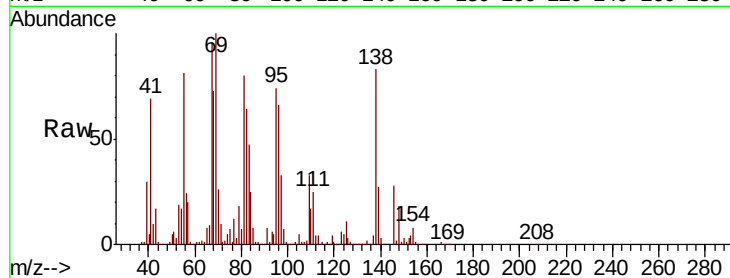
Tot Ion:146 Resp: 701067

Ion Ratio Lower Upper

146 100

111 86.6 19.7 59.0#

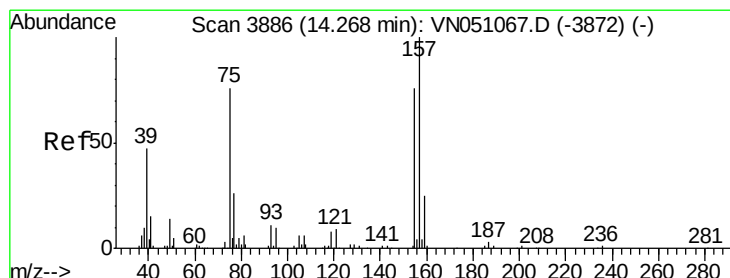
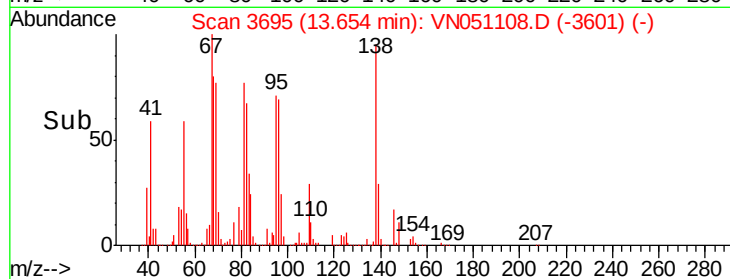
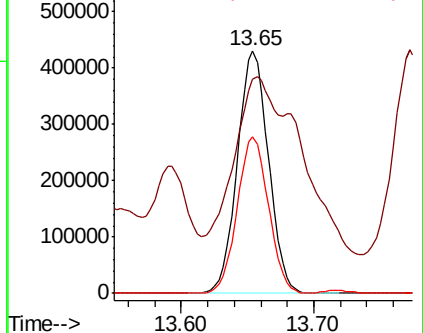
148 64.9 32.1 96.3



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: 40.01 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

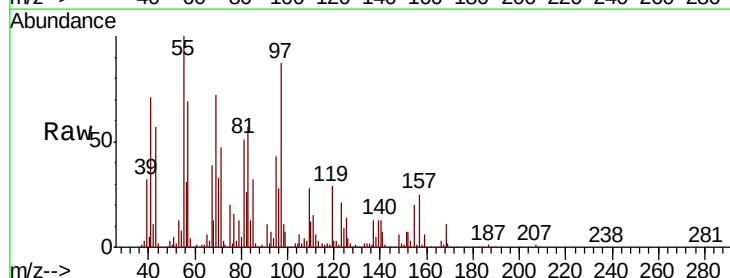
Tgt Ion: 75 Resp: 60841

Ion Ratio Lower Upper

75 100

155 94.9 48.7 146.1

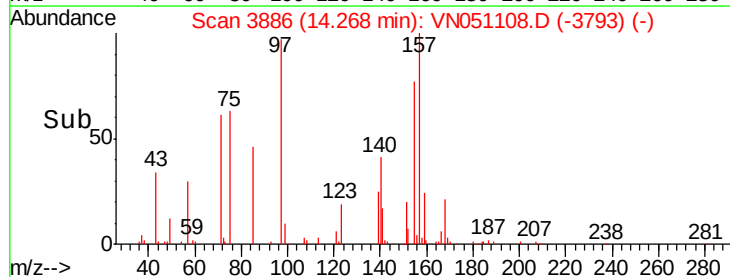
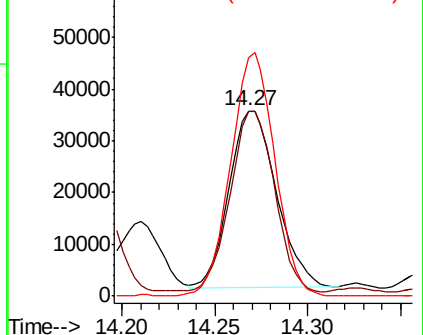
157 128.0 63.6 190.9

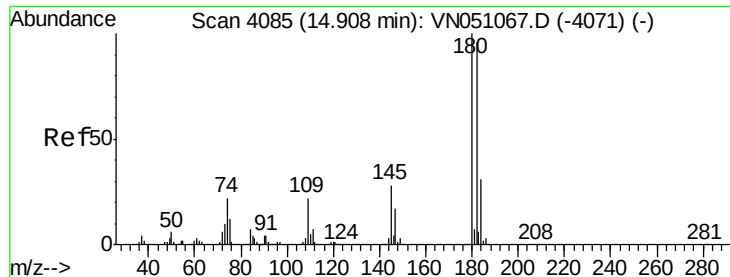


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

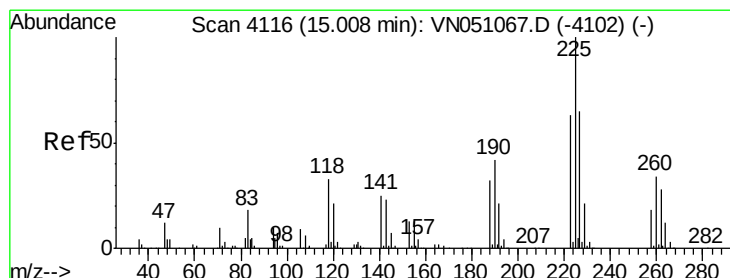
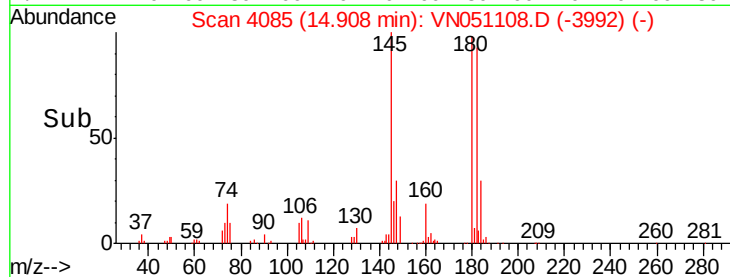
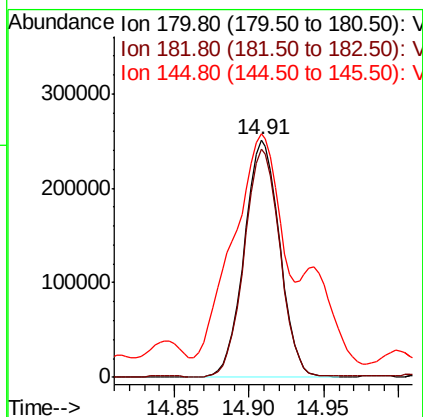
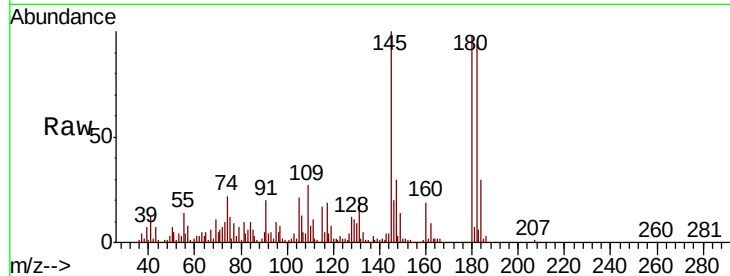




#93
 1,2,4-Trichlorobenzene
 Concen: 43.41 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051108.D
 Acq: 11 Sep 2018 4:28

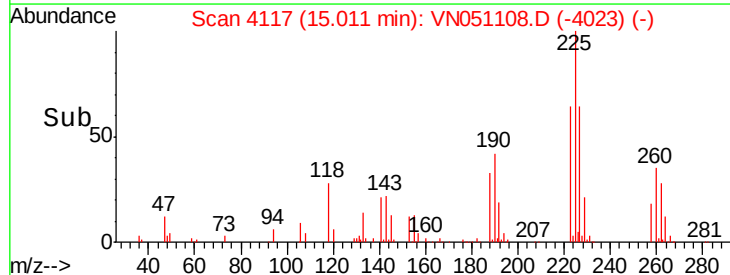
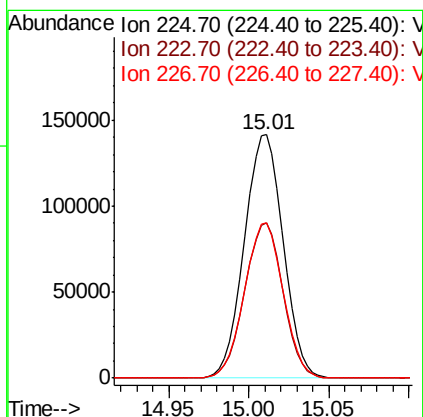
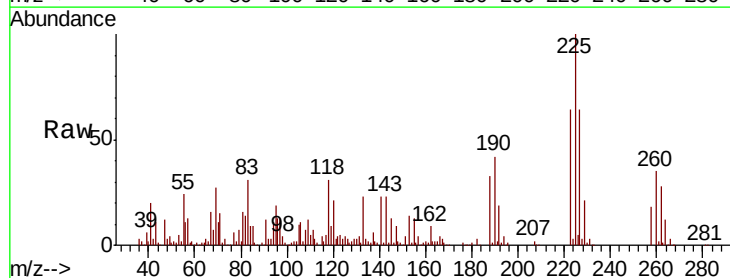
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MSD

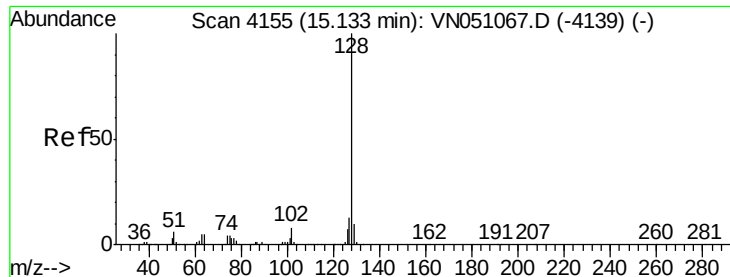
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.3	141.8
145	126.5	14.2	42.6#



#94
 Hexachlorobutadiene
 Concen: 40.14 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051108.D
 Acq: 11 Sep 2018 4:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.4	94.0
227	63.4	32.1	96.3





#95

Naphthalene

Concen: 48.64 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MSD

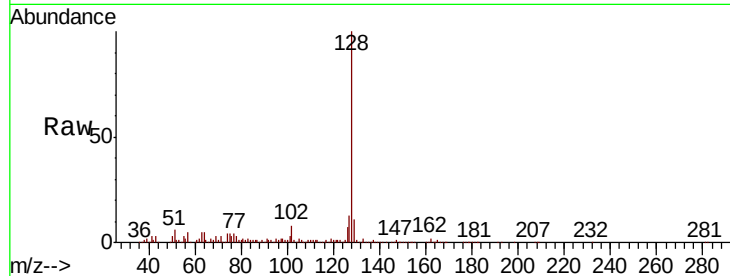
Tot Ion:128 Resp: 971082

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

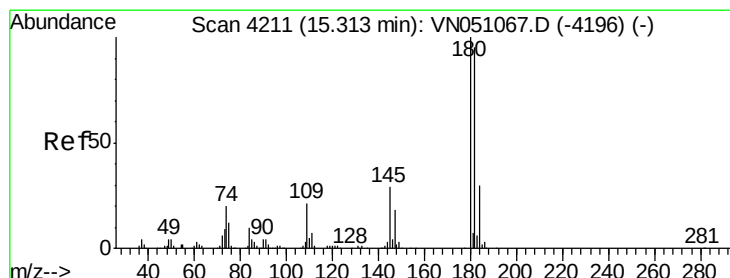
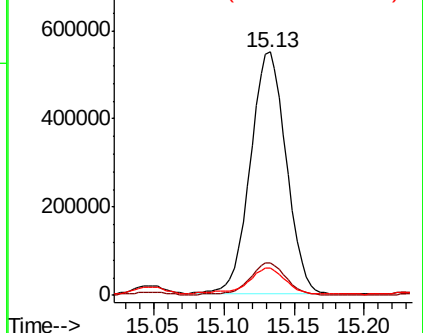
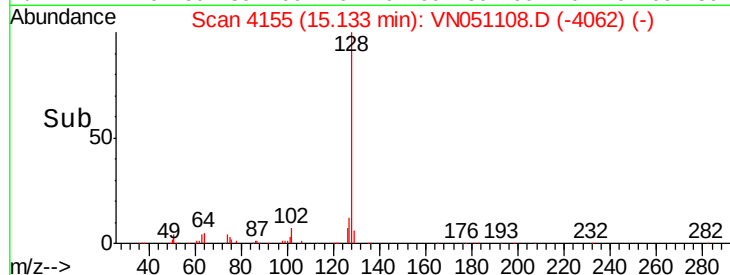
129 10.9 8.6 12.8



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: 43.50 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN051108.D

Acq: 11 Sep 2018 4:28

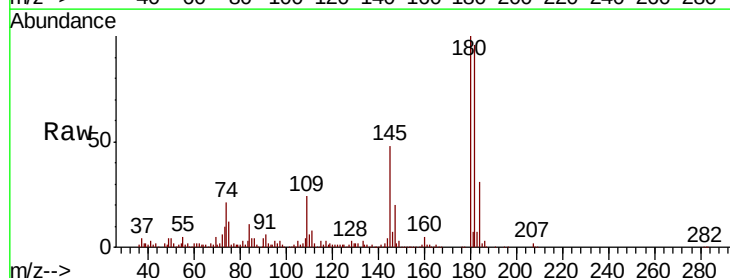
Tgt Ion:180 Resp: 394591

Ion Ratio Lower Upper

180 100

182 95.4 47.8 143.3

145 66.8 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

