

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051131.D
 Acq On : 11 Sep 2018 16:51
 Operator : MD\SY
 Sample : J4849-06MSD 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMSD

Quant Time: Sep 12 01:07:07 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	7.67	168	679659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	978305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	890725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	454410	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	379564	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
35) Dibromofluoromethane	7.59	113	370819	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
50) Toluene-d8	10.09	98	1387490	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
62) 4-Bromofluorobenzene	12.40	95	471371	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	296002	45.16	ug/l	100
3) Chloromethane	2.06	50	382924	45.19	ug/l	100
4) Vinyl Chloride	2.18	62	406511	45.18	ug/l	99
5) Bromomethane	2.55	94	197556	38.69	ug/l	98
6) Chloroethane	2.70	64	250448	45.10	ug/l	100
7) Trichlorofluoromethane	3.01	101	561667	47.11	ug/l	100
8) Diethyl Ether	3.41	74	225453	51.42	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	363702	47.33	ug/l	99
10) Methyl Iodide	3.95	142	227846	33.76	ug/l	100
11) Tert butyl alcohol	4.79	59	176293	305.15	ug/l	100
12) 1,1-Dichloroethene	3.73	96	342451	47.24	ug/l	99
13) Acrolein	3.61	56	173864	246.89	ug/l	100
14) Allyl chloride	4.32	41	542586	49.12	ug/l	99
15) Acrylonitrile	4.99	53	725223	283.30	ug/l	100
16) Acetone	3.82	43	470248	251.48	ug/l	99
17) Carbon Disulfide	4.05	76	1009579	47.26	ug/l	99
18) Methyl Acetate	4.33	43	325161	53.68	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1021798	53.32	ug/l	98
20) Methylene Chloride	4.55	84	393235	47.07	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	365903	46.53	ug/l	99
22) Diisopropyl ether	5.96	45	1134479	51.74	ug/l	95
23) Vinyl Acetate	5.90	43	4065962	274.03	ug/l	100
24) 1,1-Dichloroethane	5.85	63	673403	48.41	ug/l	100
25) 2-Butanone	6.84	43	800856	269.31	ug/l	99
26) 2,2-Dichloropropane	6.82	77	533616	46.87	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	421283	48.83	ug/l	99
28) Bromochloromethane	7.20	49	314615	50.81	ug/l	99
29) Tetrahydrofuran	7.21	42	551861	297.17	ug/l	100
30) Chloroform	7.37	83	672651	48.61	ug/l	100
31) Cyclohexane	7.65	56	604839	48.76	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	578615	49.07	ug/l	99
36) 1,1-Dichloropropene	7.79	75	525163	48.89	ug/l	100
37) Ethyl Acetate	6.93	43	357652	57.49	ug/l	100
38) Carbon Tetrachloride	7.77	117	506985	47.96	ug/l	98

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Quant Time: Sep 12 01:07:07 2018
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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)
39) Methylcyclohexane	9.08	83	595158	50.22	ug/l	99
40) Benzene	8.04	78	1593503	49.23	ug/l	99
41) Methacrylonitrile	7.18	41	178143	55.50	ug/l	98
42) 1,2-Dichloroethane	8.13	62	466814	49.48	ug/l	99
43) Isopropyl Acetate	8.17	43	628617	57.27	ug/l	98
44) Trichloroethene	8.84	130	429362	48.50	ug/l	99
45) 1,2-Dichloropropane	9.12	63	411654	49.22	ug/l	98
46) Dibromomethane	9.21	93	250642	49.12	ug/l	99
47) Bromodichloromethane	9.40	83	521976	50.31	ug/l	98
48) Methyl methacrylate	9.20	41	317575	59.37	ug/l	97
49) 1,4-Dioxane	9.20	88	99272	1183.51	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1787495	294.48	ug/l	100
52) Toluene	10.16	92	999480	50.64	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	544046	52.39	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	608330	49.96	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	375856	52.43	ug/l	99
56) Ethyl methacrylate	10.43	69	509567	52.82	ug/l	100
57) 1,3-Dichloropropane	10.71	76	613882	51.65	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	14693	18.64	ug/l	97
59) 2-Hexanone	10.75	43	1205966	292.96	ug/l	100
60) Dibromochloromethane	10.90	129	417542	51.67	ug/l	100
61) 1,2-Dibromoethane	11.01	107	375349	53.56	ug/l	100
64) Tetrachloroethene	10.63	164	387274	47.65	ug/l	99
65) Chlorobenzene	11.43	112	1103814	49.16	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	401251	49.64	ug/l	100
67) Ethyl Benzene	11.51	91	1992074	54.79	ug/l	100
68) m/p-Xylenes	11.62	106	1530014	109.52	ug/l	100
69) o-Xylene	11.95	106	713733	52.76	ug/l	99
70) Styrene	11.96	104	1151657	54.88	ug/l	100
71) Bromoform	12.13	173	306458	53.85	ug/l #	99
73) Isopropylbenzene	12.25	105	2796650	73.39	ug/l	100
74) N-amyl acetate	12.07	43	551836	57.54	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	493131	56.61	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	585378	84.11	ug/l #	100
77) Bromobenzene	12.53	156	483940	47.28	ug/l	99
78) n-propylbenzene	12.59	91	4062913	97.00	ug/l	99
79) 2-Chlorotoluene	12.68	91	1328409	50.74	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	2114868	68.64	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	117974	49.31	ug/l	98
82) 4-Chlorotoluene	12.77	91	1242981	47.83	ug/l	99
83) tert-Butylbenzene	12.99	119	1389007	51.07	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	12029726	397.10	ug/l	99
85) sec-Butylbenzene	13.17	105	2171464	62.25	ug/l	96
86) p-Isopropyltoluene	13.29	119	1832023	61.94	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	825803	47.55	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	801621	50.28	ug/l	99
89) n-Butylbenzene	13.62	91	1461276	63.48	ug/l	94
90) Hexachloroethane	13.88	117	315948	58.78	ug/l	78
91) 1,2-Dichlorobenzene	13.65	146	807755	47.73	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	77600	59.49	ug/l	98

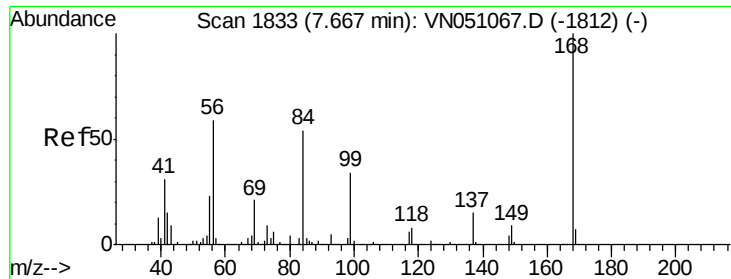
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
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Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	422404	51.52	ug/l	98
94) Hexachlorobutadiene	15.01	225	252072	51.16	ug/l	99
95) Naphthalene	15.13	128	964844	55.78	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	417296	53.21	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

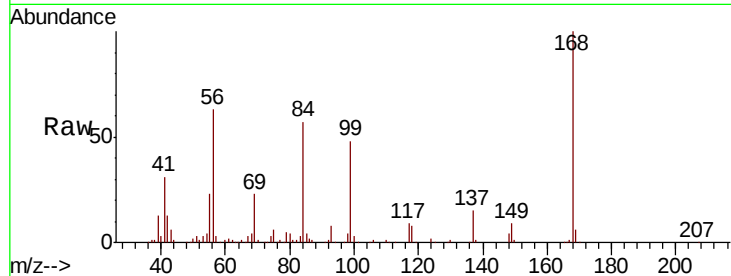
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMSD

Tot Ion:168 Resp: 679659

Ion Ratio Lower Upper

168 100

99 48.2 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

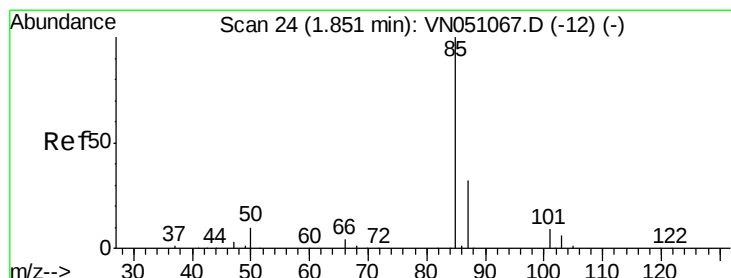
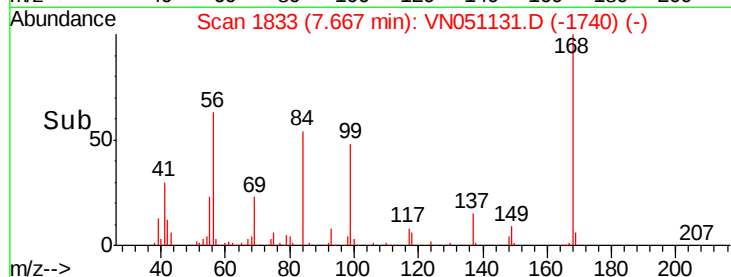
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.16 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051131.D

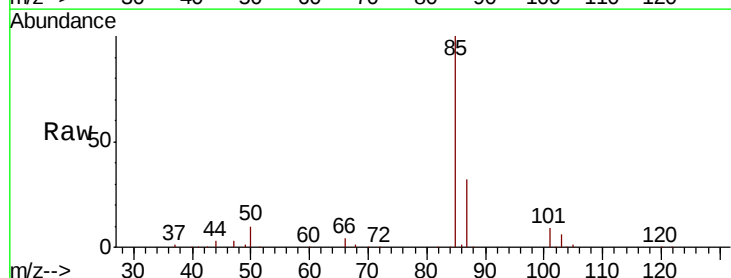
Acq: 11 Sep 2018 16:51

Tgt Ion: 85 Resp: 296002

Ion Ratio Lower Upper

85 100

87 31.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

250000

200000

150000

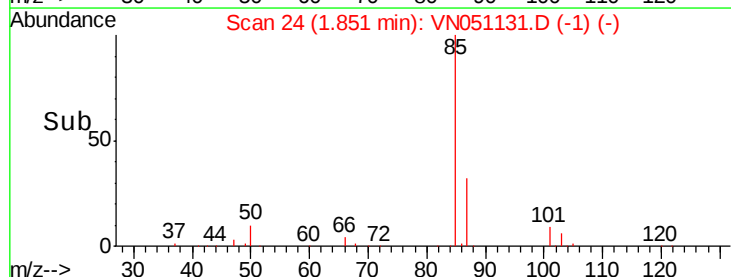
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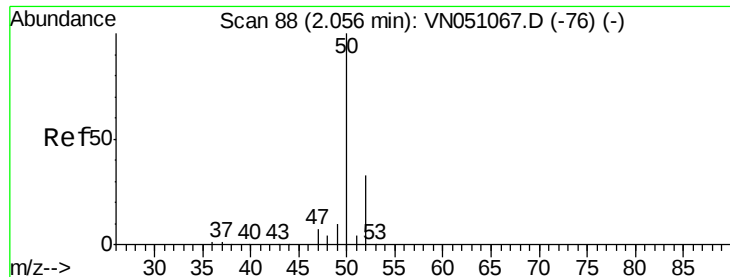
50000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 45.19 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

Instrument :

MSVOA_N

ClientSampleId :

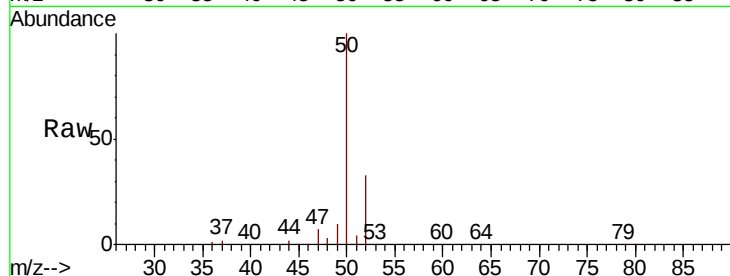
EP1-MW-DMSD

Tot Ion: 50 Resp: 382924

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

300000

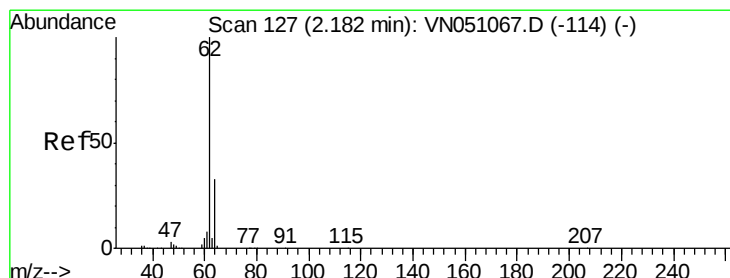
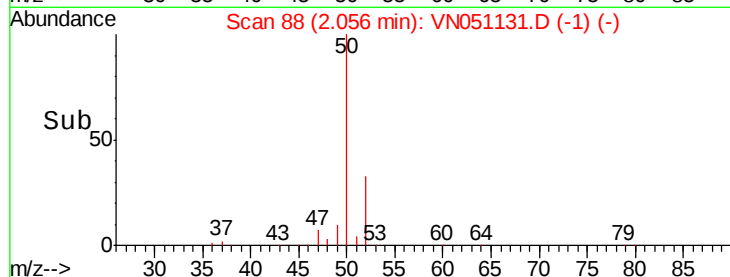
200000

100000

0

Time-->

2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 45.18 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN051131.D

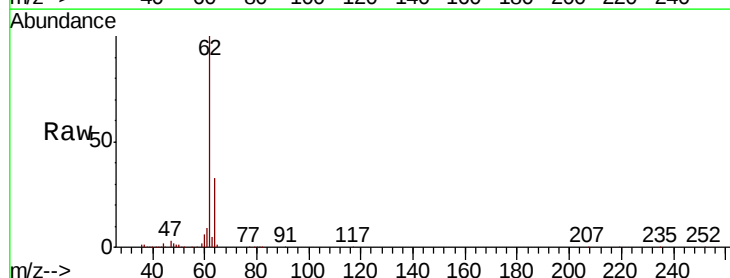
Acq: 11 Sep 2018 16:51

Tgt Ion: 62 Resp: 406511

Ion Ratio Lower Upper

62 100

64 32.5 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.18

300000

250000

200000

150000

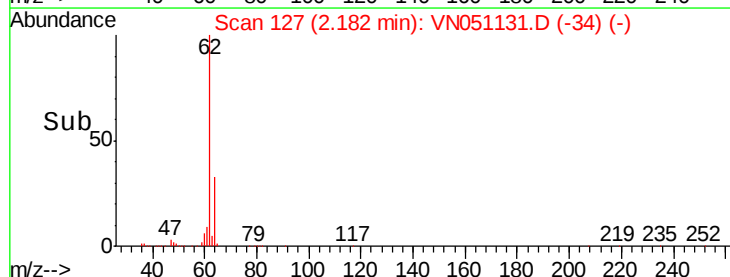
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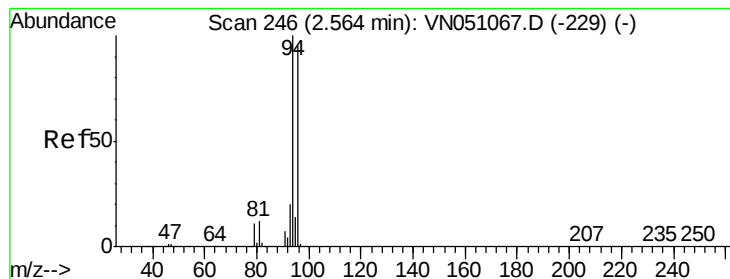
50000

0

Time-->

2.10 2.15 2.20 2.25 2.30





#5

Bromomethane

Concen: 38.69 ug/l

RT: 2.55 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

Instrument :

MSVOA_N

ClientSampleId :

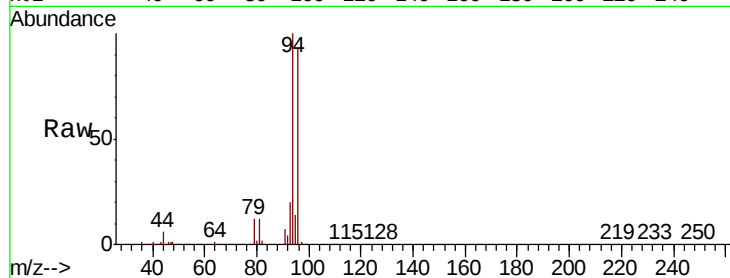
EP1-MW-DMSD

Tot Ion: 94 Resp: 197556

Ion Ratio Lower Upper

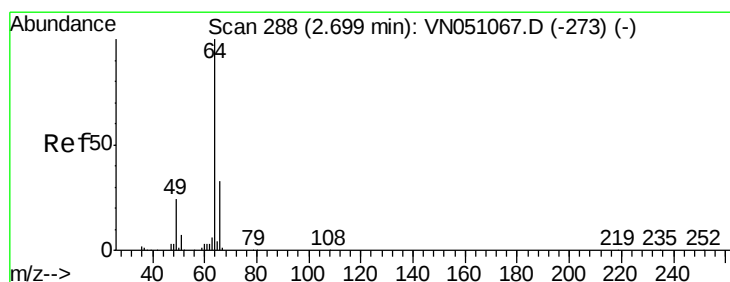
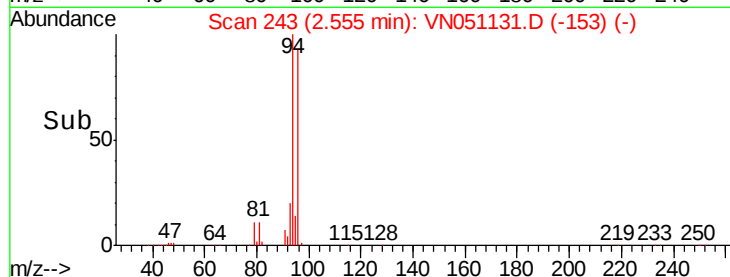
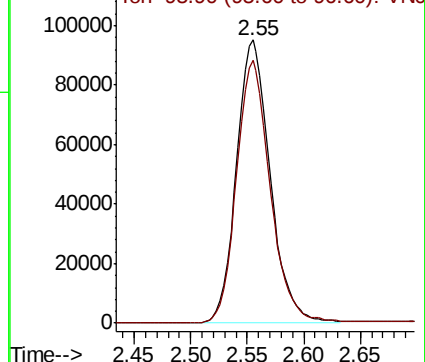
94 100

96 92.8 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: 45.10 ug/l

RT: 2.70 min Scan# 287

Delta R.T. -0.00 min

Lab File: VN051131.D

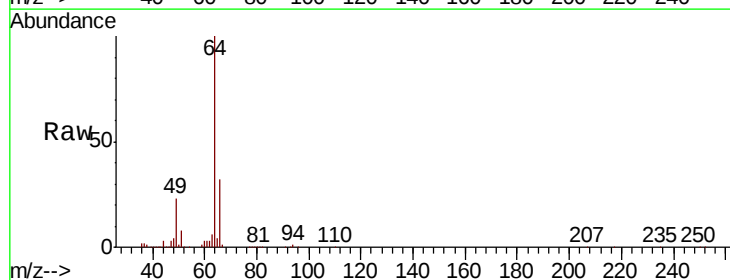
Acq: 11 Sep 2018 16:51

Tgt Ion: 64 Resp: 250448

Ion Ratio Lower Upper

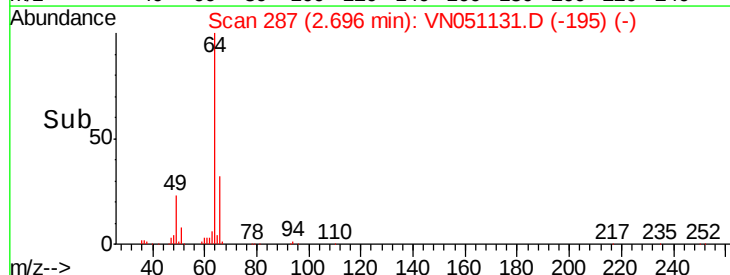
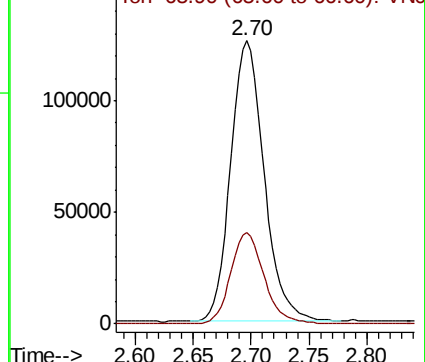
64 100

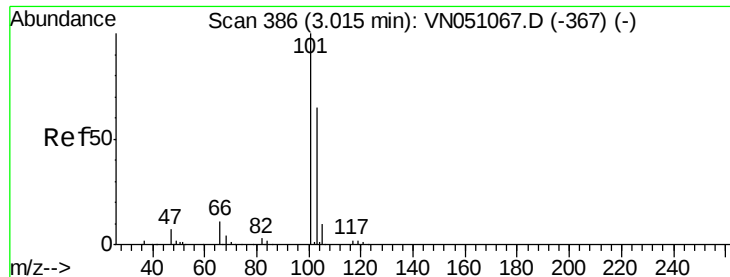
66 32.4 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



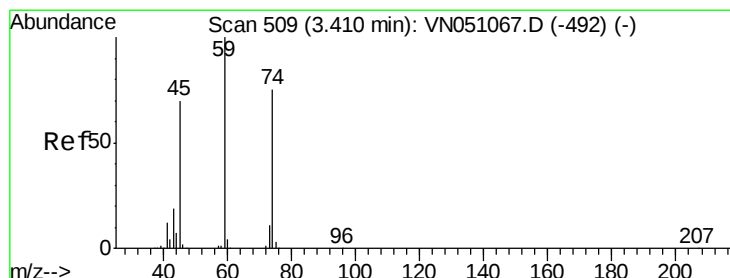
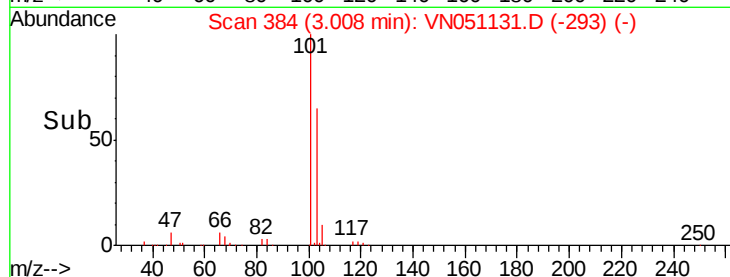
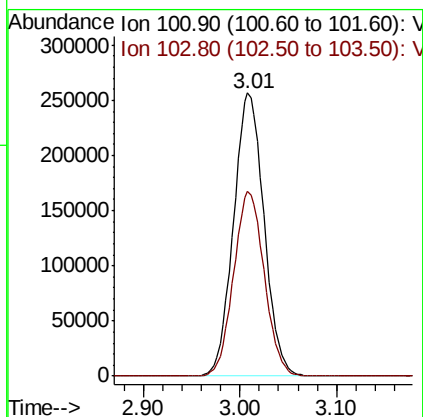
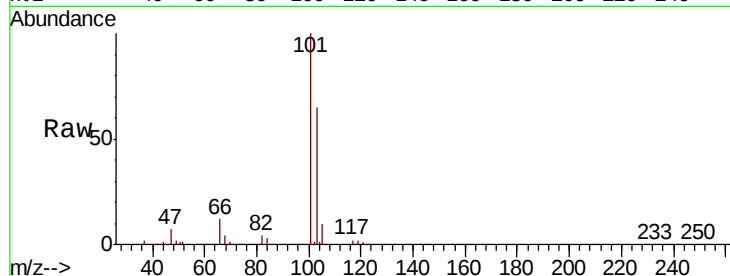


#7

Trichlorofluoromethane
 Concen: 47.11 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. -0.01 min
 Lab File: VN051131.D
 Acq: 11 Sep 2018 16:51

Instrument :
 MSVOA_N
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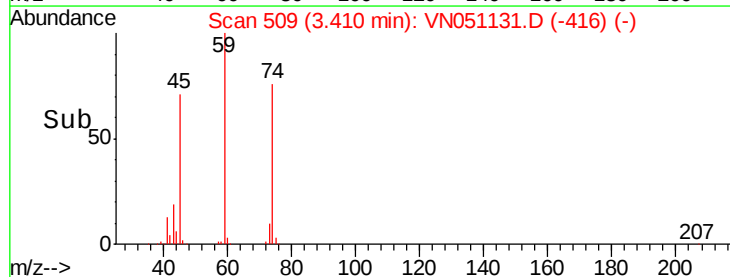
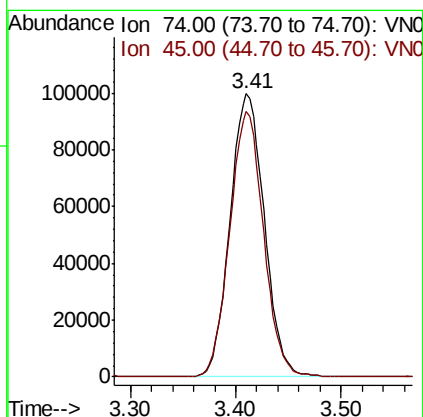
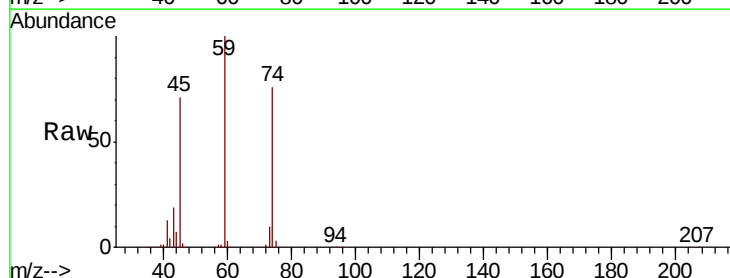
Tot Ion:101 Resp: 561667
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.4 78.6

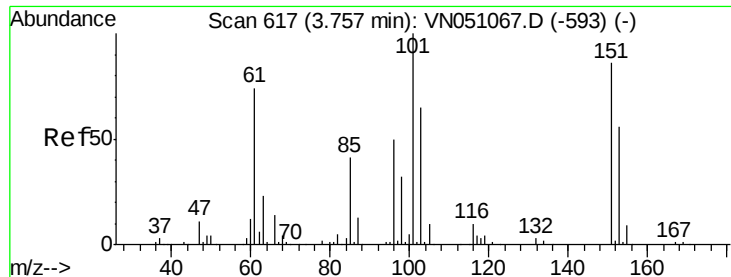


#8

Diethyl Ether
 Concen: 51.42 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051131.D
 Acq: 11 Sep 2018 16:51

Tgt Ion: 74 Resp: 225453
 Ion Ratio Lower Upper
 74 100
 45 91.8 46.7 140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.33 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMSD

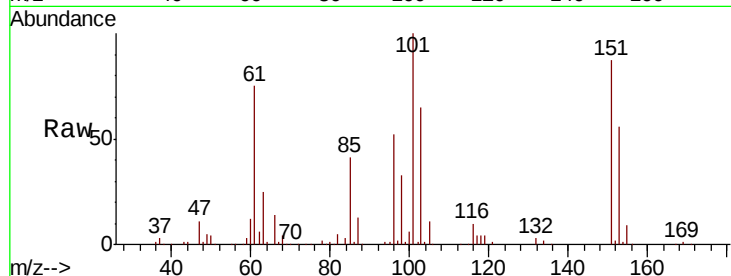
Tot Ion:101 Resp: 363702

Ion Ratio Lower Upper

101 100

85 40.6 33.3 49.9

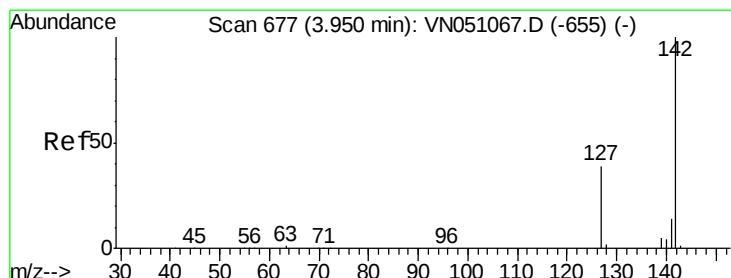
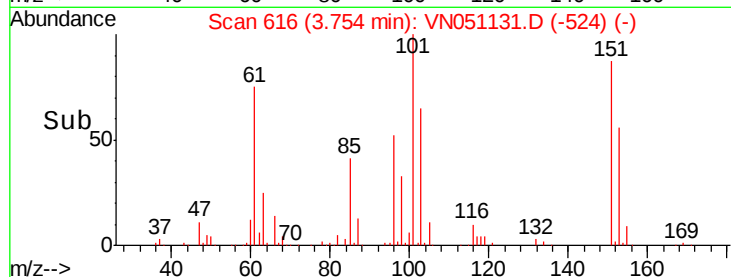
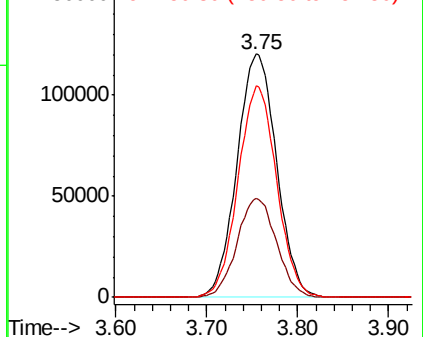
151 84.8 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 33.76 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

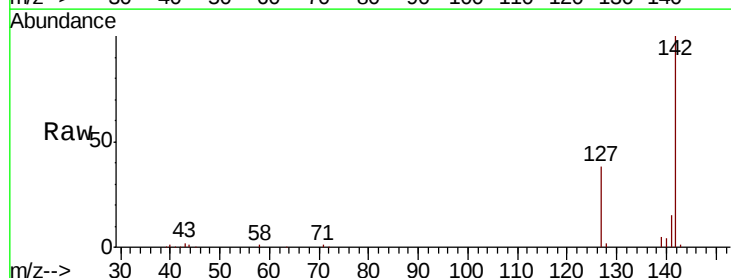
Tgt Ion:142 Resp: 227846

Ion Ratio Lower Upper

142 100

127 38.7 31.0 46.4

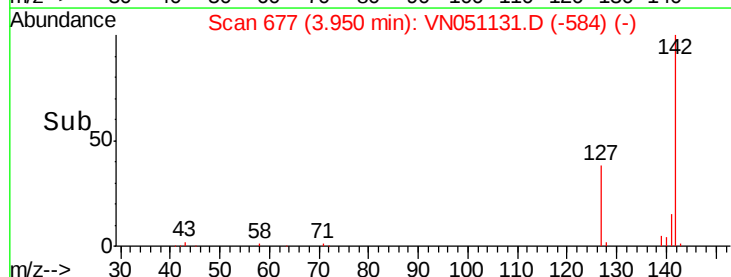
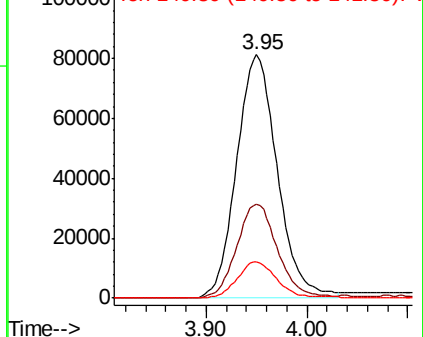
141 14.4 11.3 16.9

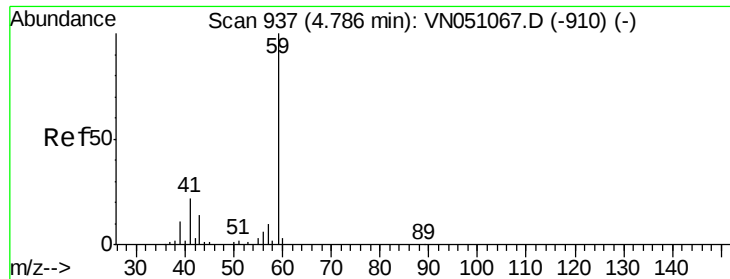


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

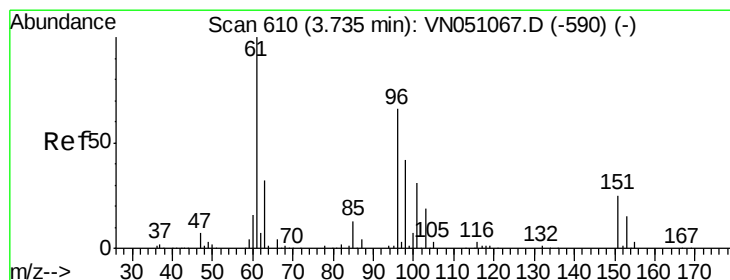
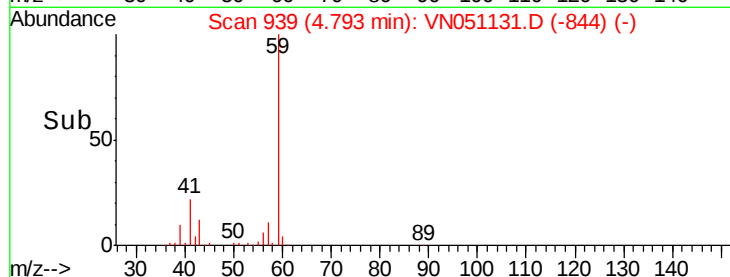
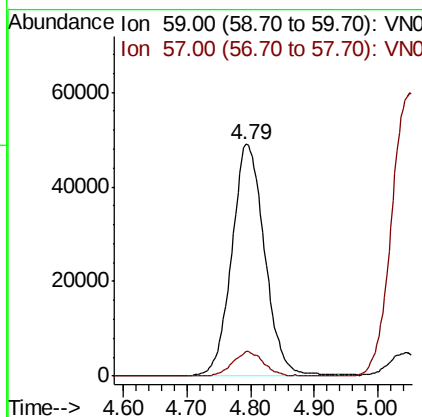
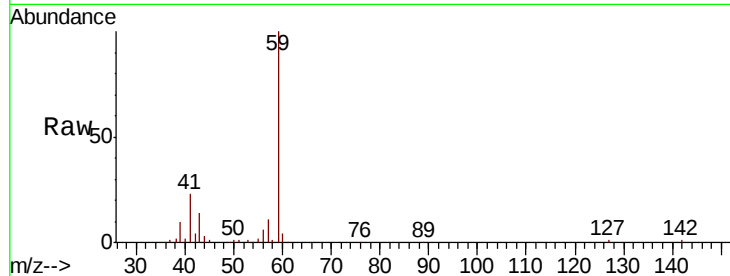




#11
Tert butyl alcohol
Concen: 305.15 ug/l
RT: 4.79 min Scan# 939
Delta R.T. 0.01 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

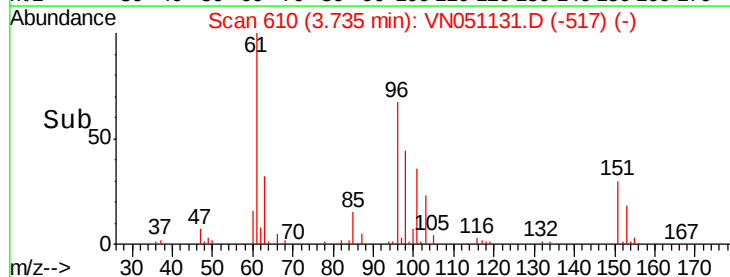
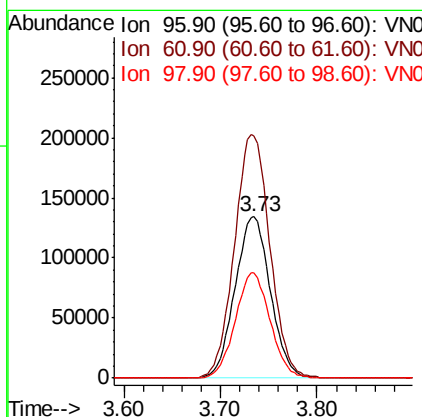
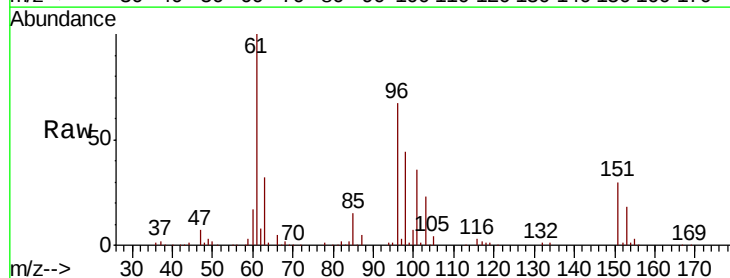
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMSD

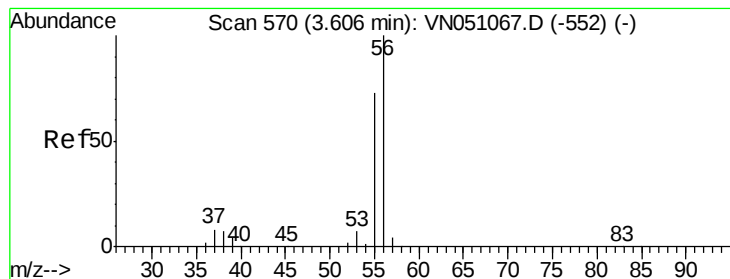
Tot Ion: 59 Resp: 176293
Ion Ratio Lower Upper
59 100
57 9.9 8.1 12.1



#12
1,1-Dichloroethene
Concen: 47.24 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

Tgt Ion: 96 Resp: 342451
Ion Ratio Lower Upper
96 100
61 149.9 120.3 180.5
98 65.3 50.8 76.2





#13

Acrolein

Concen: 246.89 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

Instrument :

MSVOA_N

ClientSampleId :

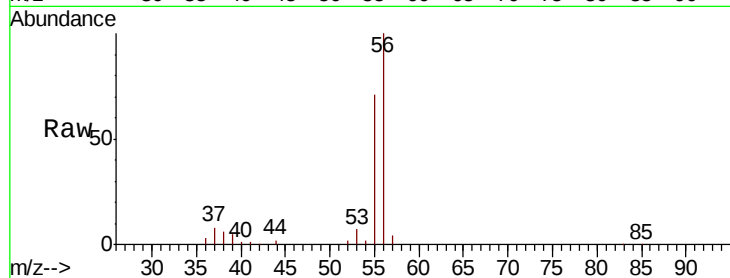
EP1-MW-DMSD

Tot Ion: 56 Resp: 173864

Ion Ratio Lower Upper

56 100

55 72.3 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

80000

60000

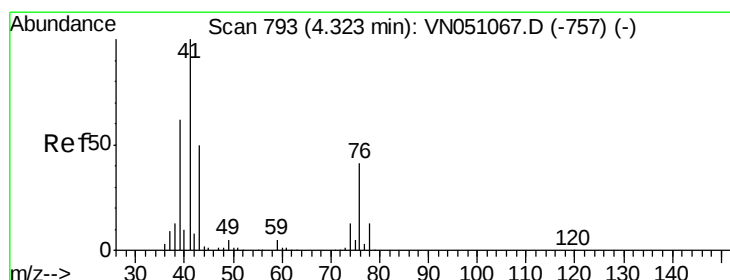
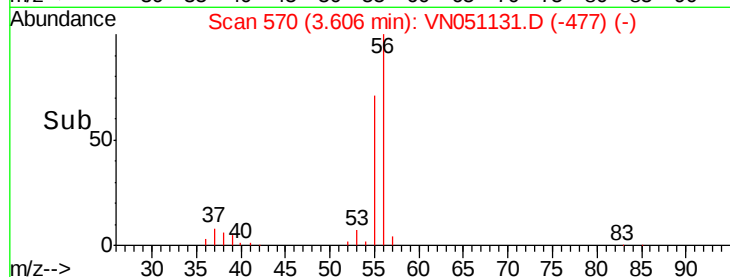
40000

20000

0

Time-->

3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 49.12 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

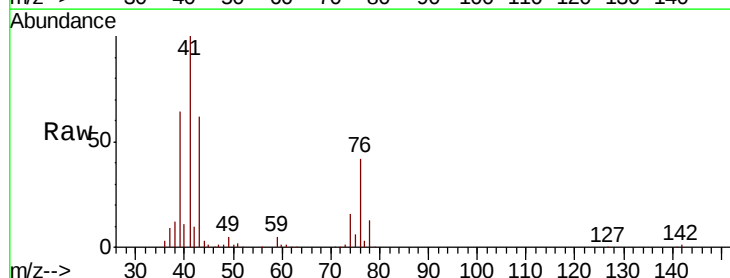
Tgt Ion: 41 Resp: 542586

Ion Ratio Lower Upper

41 100

39 60.5 48.8 73.2

76 37.9 30.6 45.8



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

300000

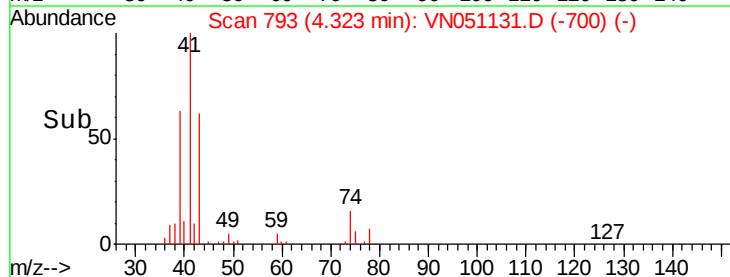
200000

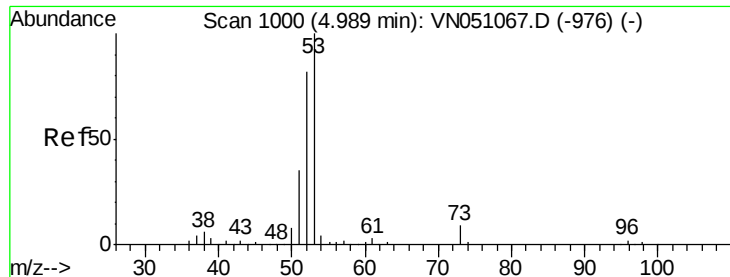
100000

0

Time-->

4.10 4.20 4.30 4.40 4.50





#15

Acrylonitrile

Concen: 283.30 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-DMSD

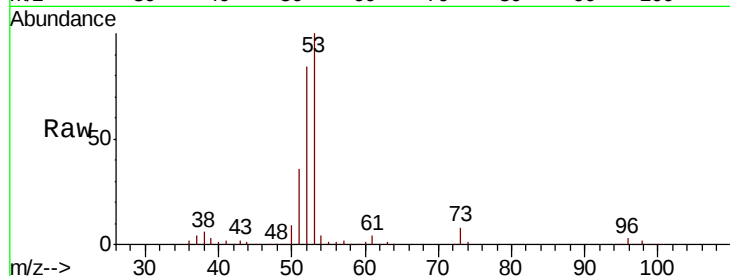
Tot Ion: 53 Resp: 725223

Ion Ratio Lower Upper

53 100

52 81.8 65.3 97.9

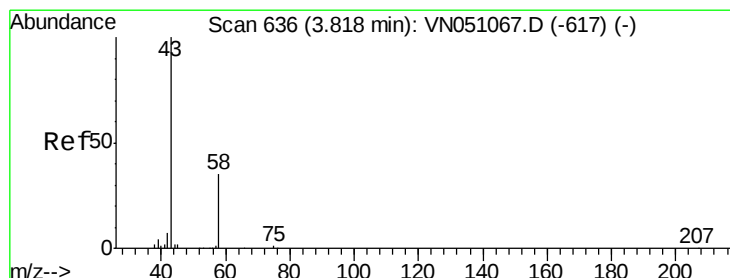
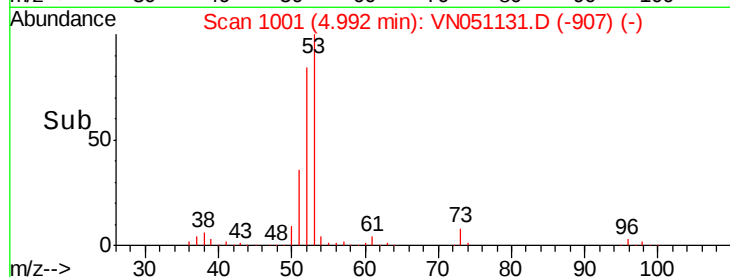
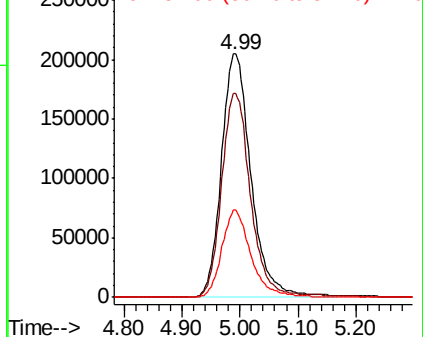
51 35.2 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 251.48 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051131.D

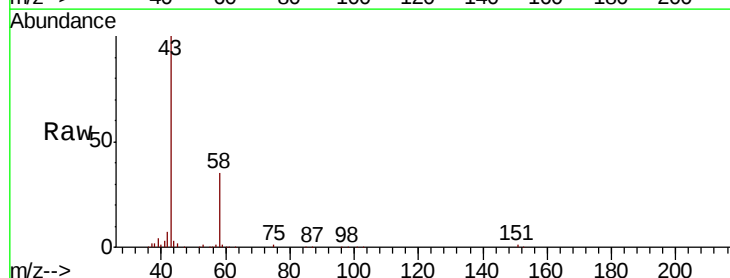
Acq: 11 Sep 2018 16:51

Tgt Ion: 43 Resp: 470248

Ion Ratio Lower Upper

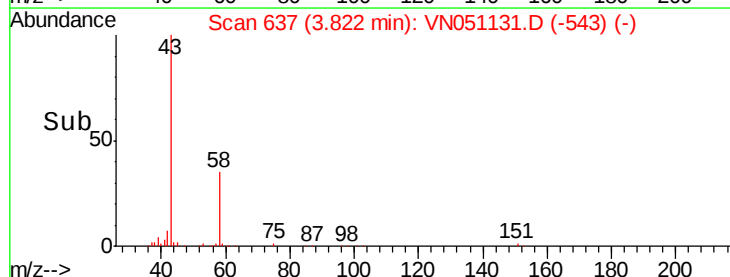
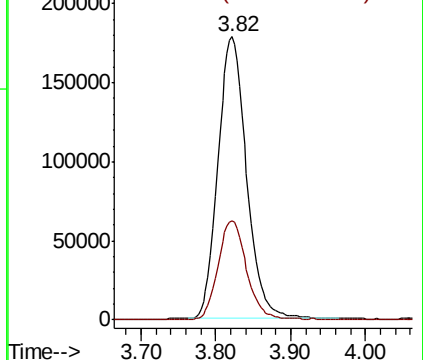
43 100

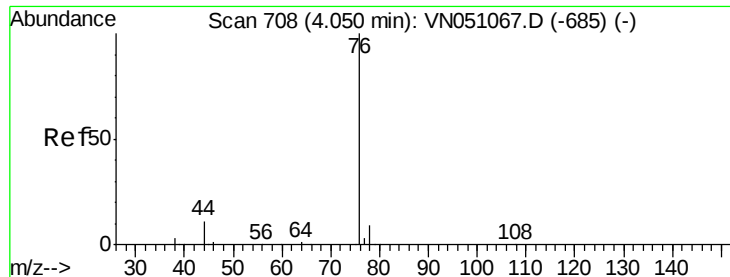
58 35.0 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

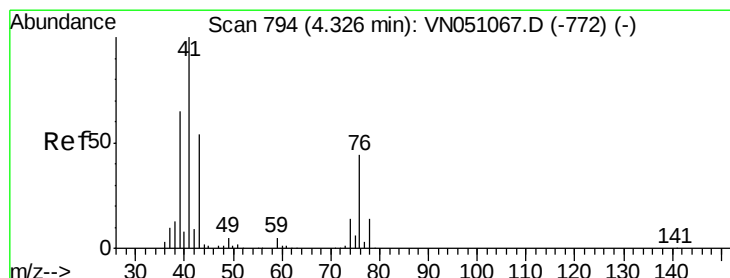
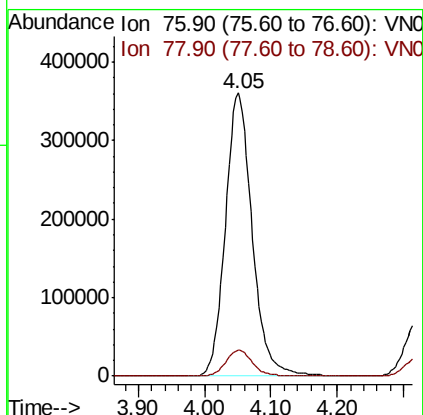
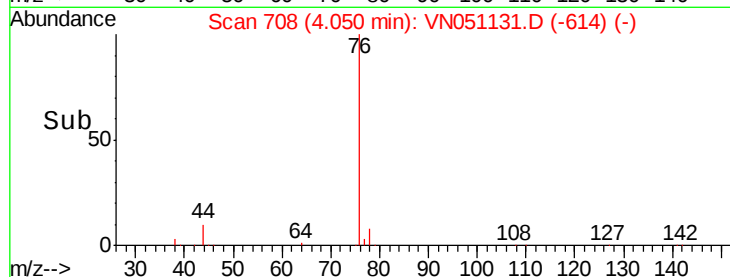
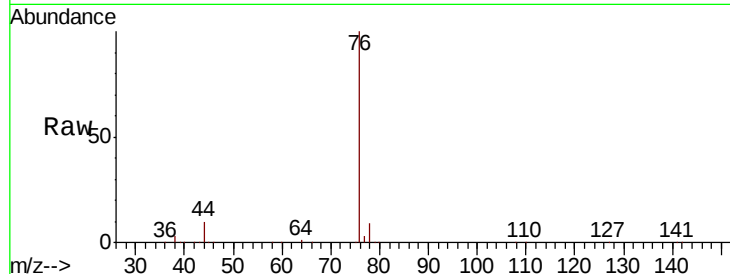




#17
Carbon Disulfide
Concen: 47.26 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

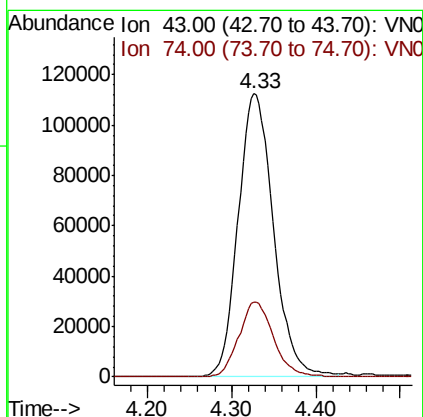
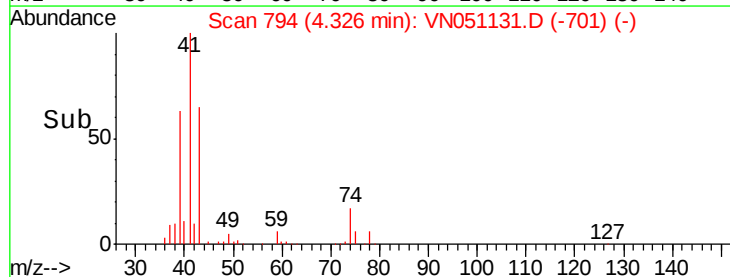
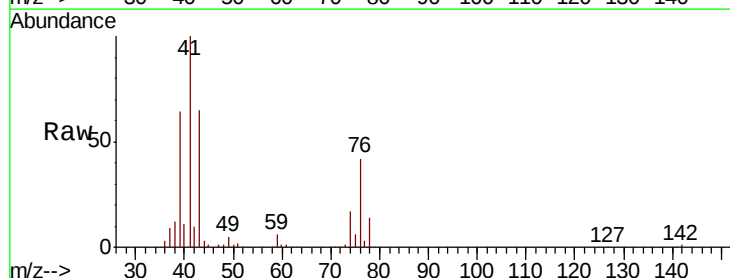
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMSD

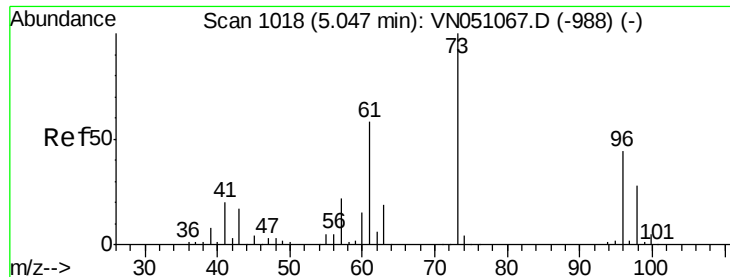
Tot Ion: 76 Resp: 1009579
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 53.68 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

Tgt Ion: 43 Resp: 325161
Ion Ratio Lower Upper
43 100
74 26.4 20.7 31.1

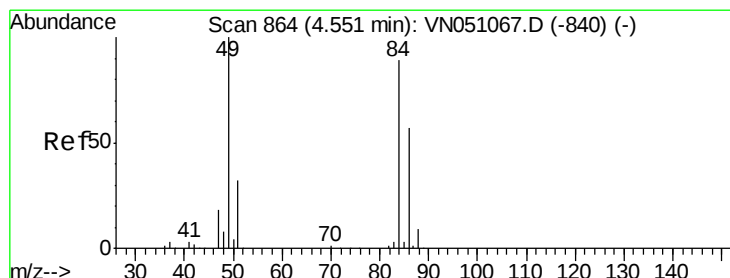
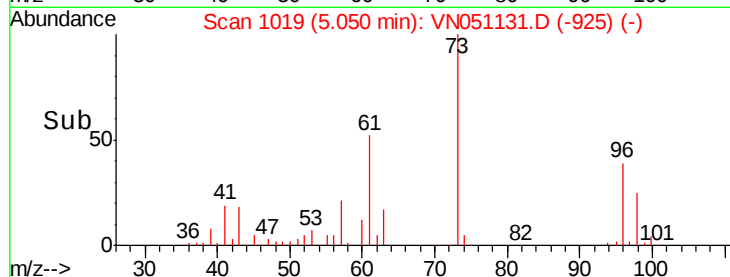
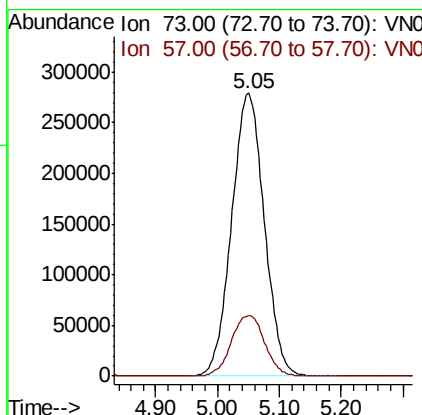
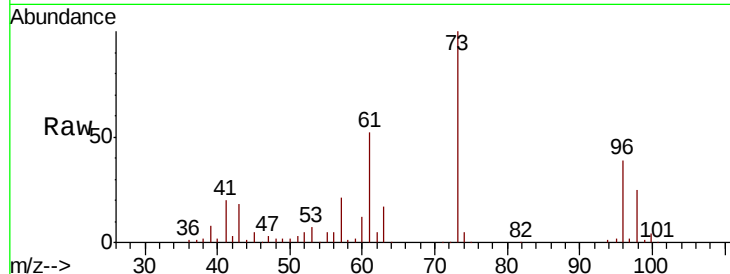




#19
Methyl tert-butyl Ether
Concen: 53.32 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

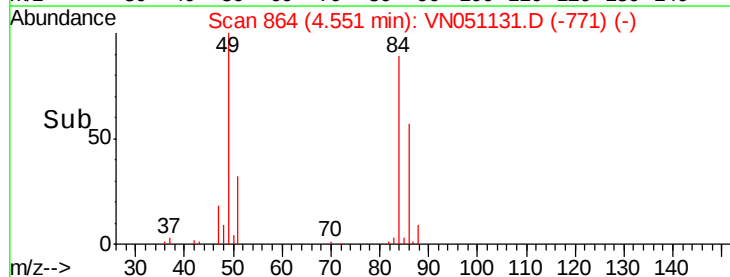
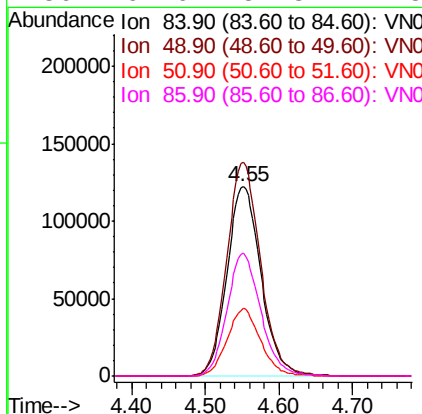
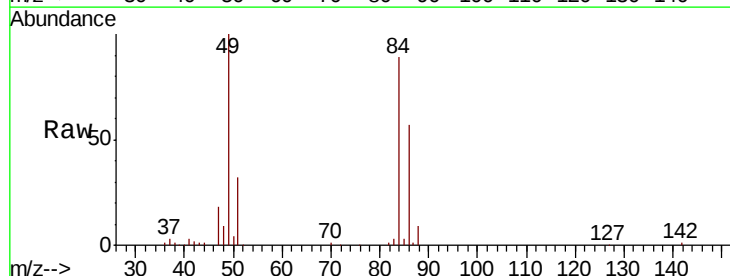
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-DMSD

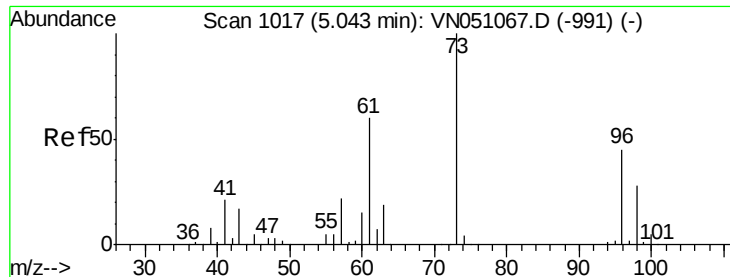
Tot Ion: 73 Resp: 1021798
Ion Ratio Lower Upper
73 100
57 21.4 17.9 26.9



#20
Methylene Chloride
Concen: 47.07 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

Tgt Ion: 84 Resp: 393235
Ion Ratio Lower Upper
84 100
49 112.7 90.2 135.2
51 35.6 28.4 42.6
86 64.6 51.8 77.8

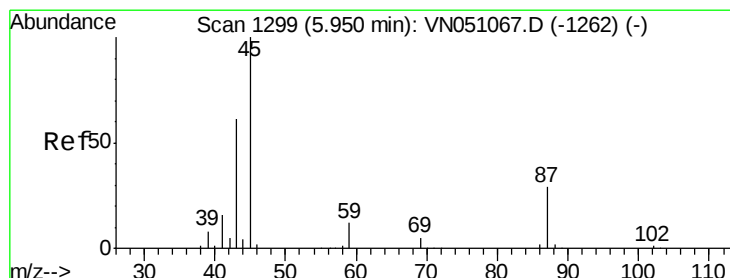
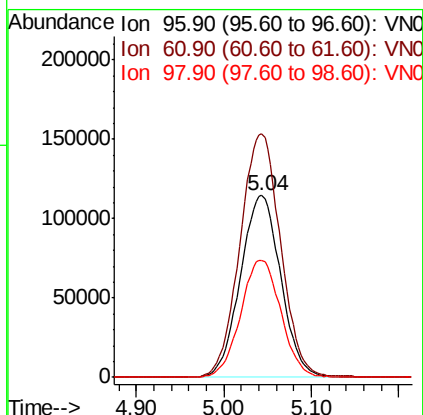
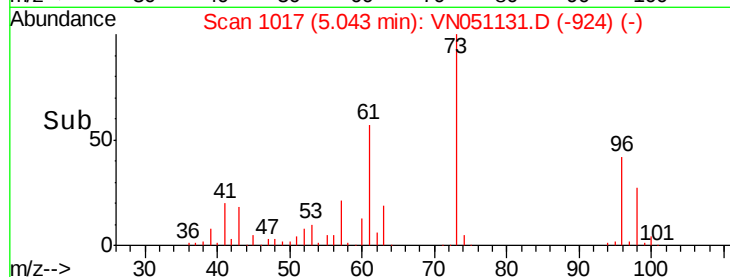
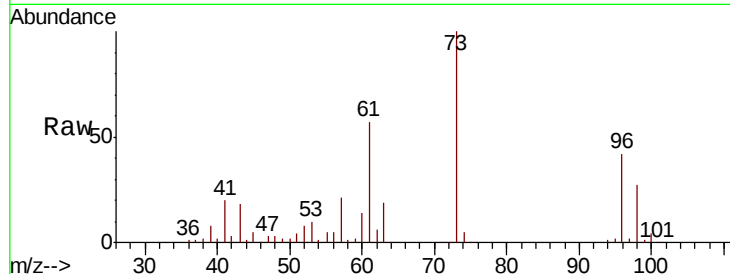




#21
trans-1,2-Dichloroethene
Concen: 46.53 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

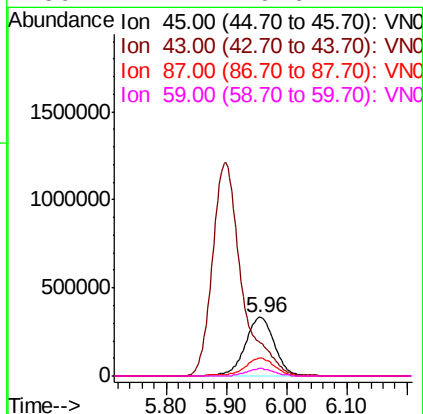
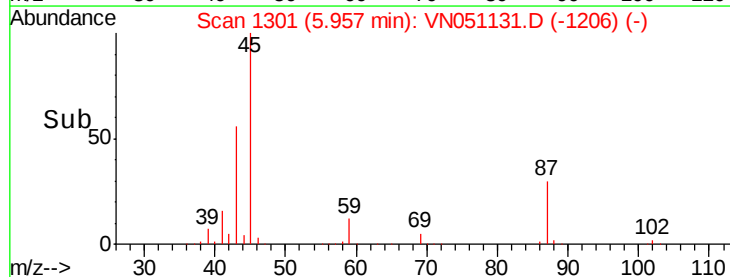
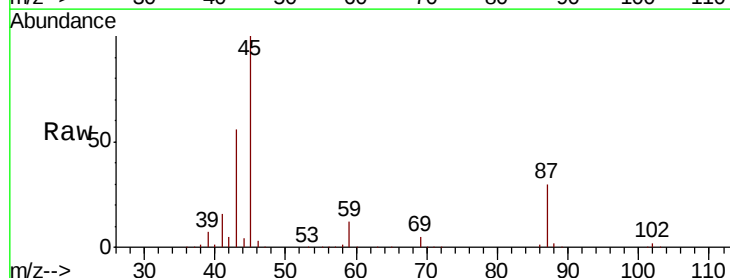
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMSD

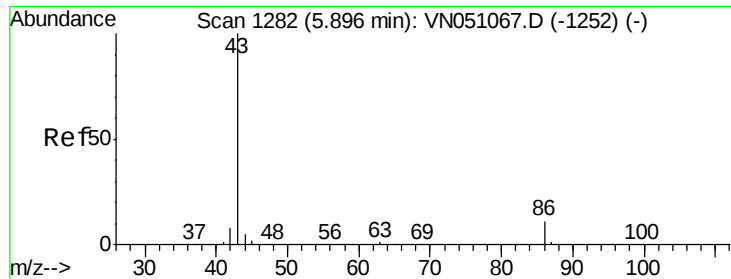
Tot Ion: 96 Resp: 365903
Ion Ratio Lower Upper
96 100
61 134.1 106.5 159.7
98 64.5 50.4 75.6



#22
Diisopropyl ether
Concen: 51.74 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.01 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

Tgt Ion: 45 Resp: 1134479
Ion Ratio Lower Upper
45 100
43 55.5 48.8 73.2
87 30.2 23.8 35.8
59 12.2 9.6 14.4





#23

Vinyl Acetate

Concen: 274.03 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

Instrument :

MSVOA_N

ClientSampleId :

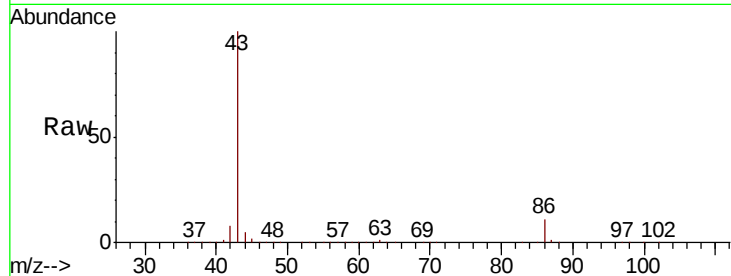
EP1-MW-DMSD

Tot Ion: 43 Resp: 4065962

Ion Ratio Lower Upper

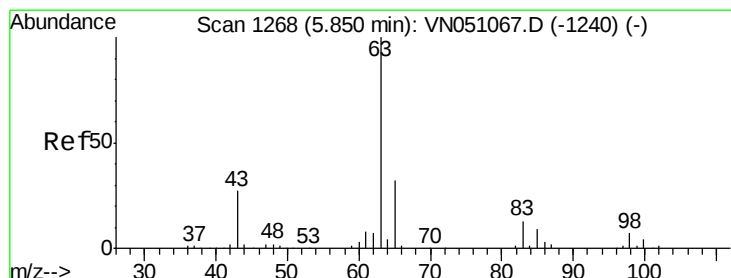
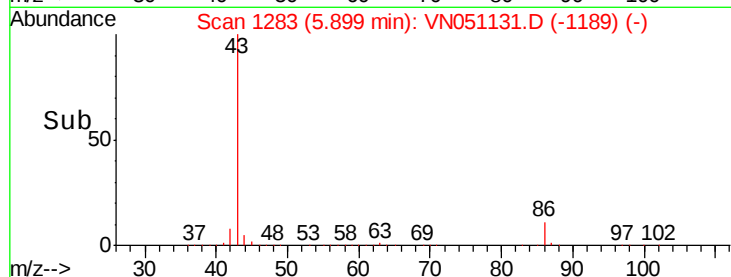
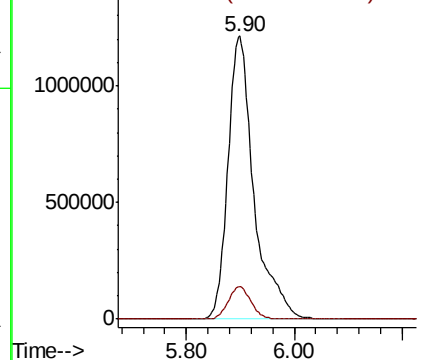
43 100

86 11.4 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN051131.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN051131.D (-1189) (-)



#24

1,1-Dichloroethane

Concen: 48.41 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

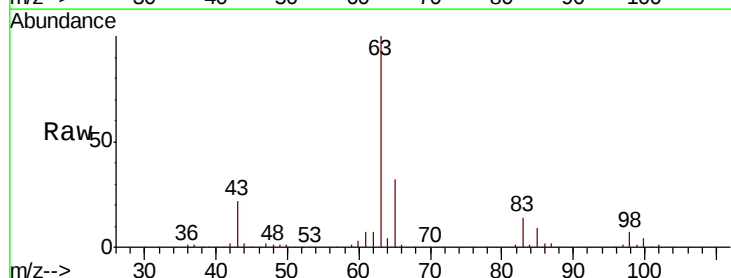
Tgt Ion: 63 Resp: 673403

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

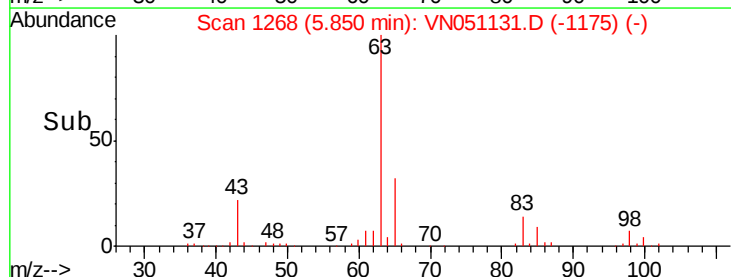
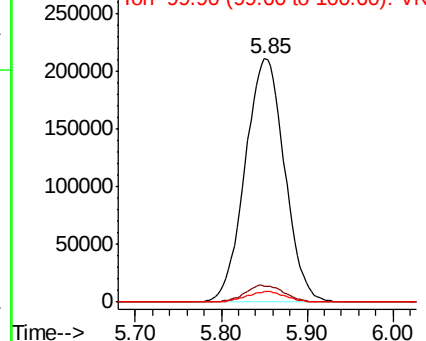
100 4.2 2.1 6.3

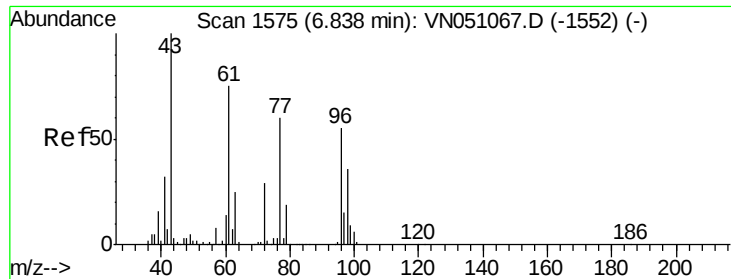


Abundance Ion 62.90 (62.60 to 63.60): VN051131.D (-1175) (-)

Ion 97.90 (97.60 to 98.60): VN051131.D (-1175) (-)

Ion 99.90 (99.60 to 100.60): VN051131.D (-1175) (-)





#25

2-Butanone

Concen: 269.31 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

Instrument :

MSVOA_N

ClientSampleId :

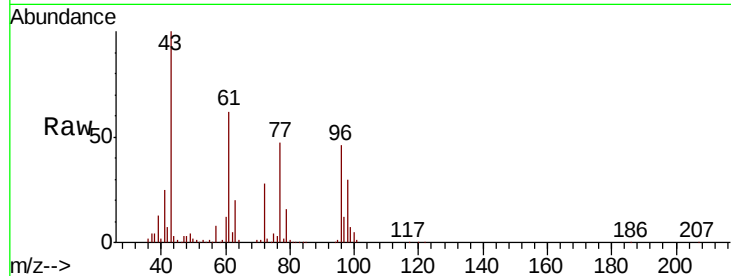
EP1-MW-DMSD

Tot Ion: 43 Resp: 800856

Ion Ratio Lower Upper

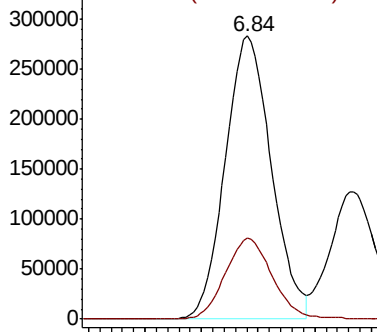
43 100

72 28.5 23.0 34.6

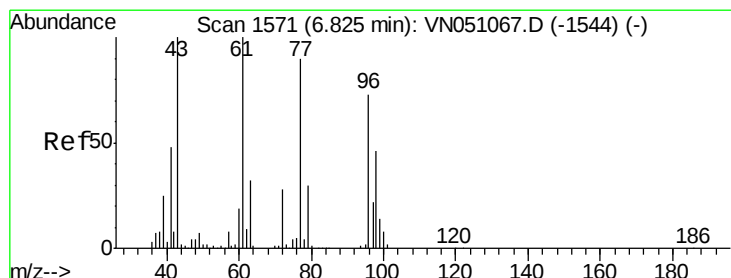
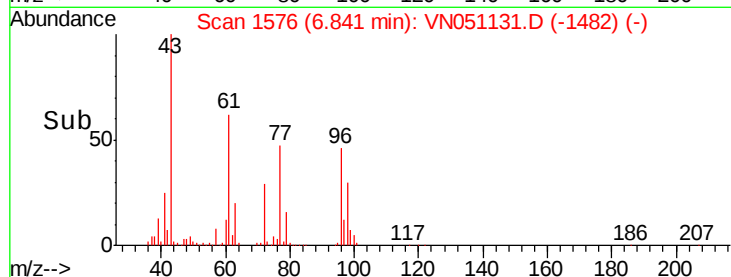


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



Time-->



#26

2,2-Dichloropropane

Concen: 46.87 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN051131.D

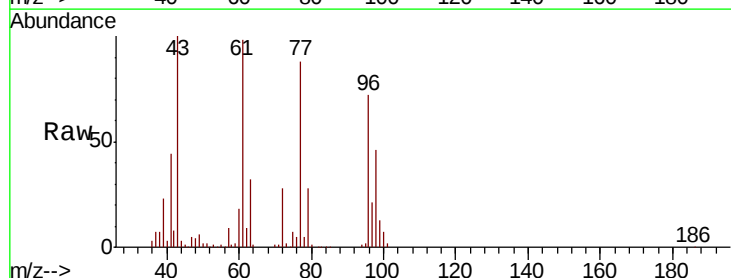
Acq: 11 Sep 2018 16:51

Tgt Ion: 77 Resp: 533616

Ion Ratio Lower Upper

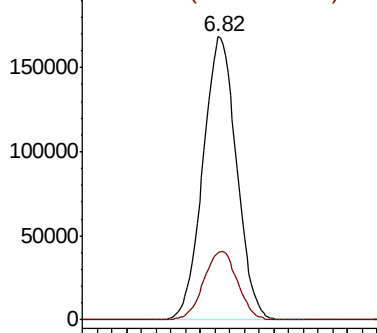
77 100

97 24.5 12.1 36.3

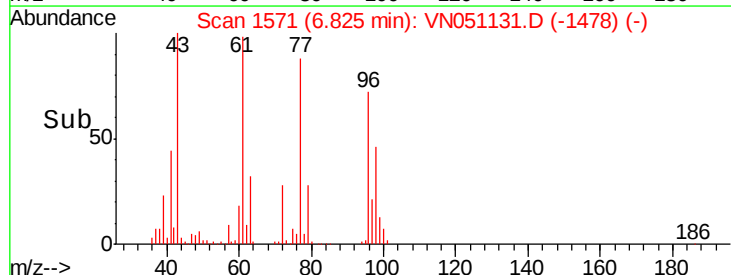


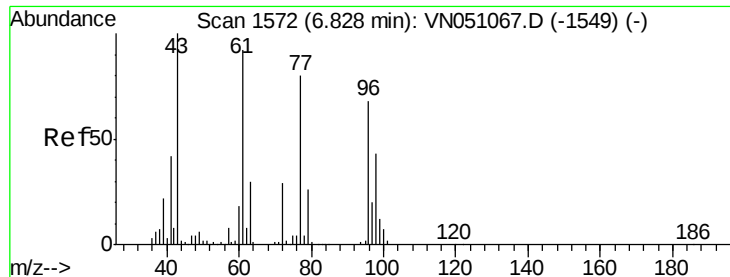
Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0



Time-->





#27

cis-1,2-Dichloroethene

Concen: 48.83 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMSD

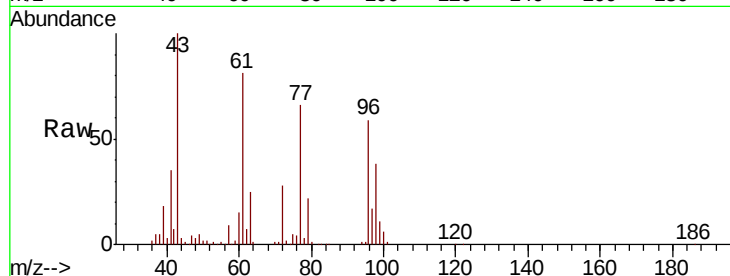
Tot Ion: 96 Resp: 421283

Ion Ratio Lower Upper

96 100

61 138.3 0.0 278.2

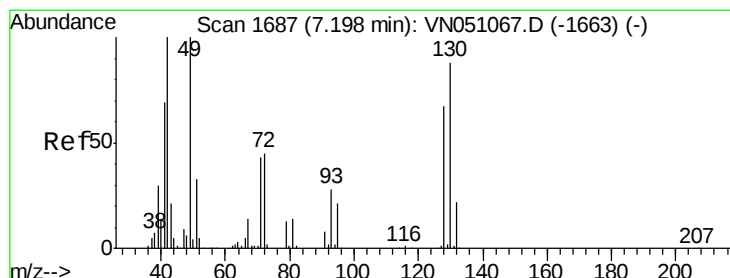
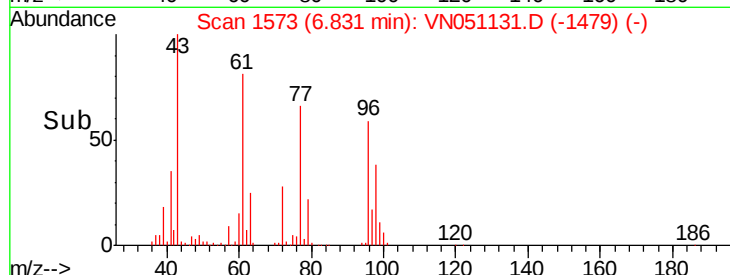
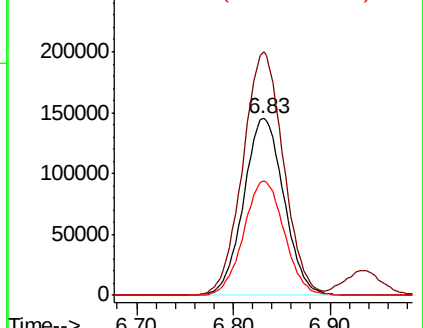
98 65.1 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN051067.D (-1549) (-)

Ion 60.90 (60.60 to 61.60): VN051067.D (-1549) (-)

Ion 97.90 (97.60 to 98.60): VN051067.D (-1549) (-)



#28

Bromochloromethane

Concen: 50.81 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

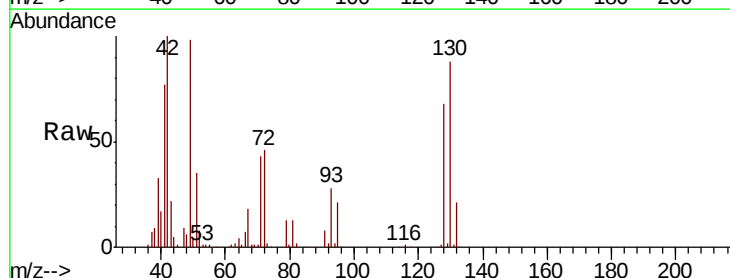
Tgt Ion: 49 Resp: 314615

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

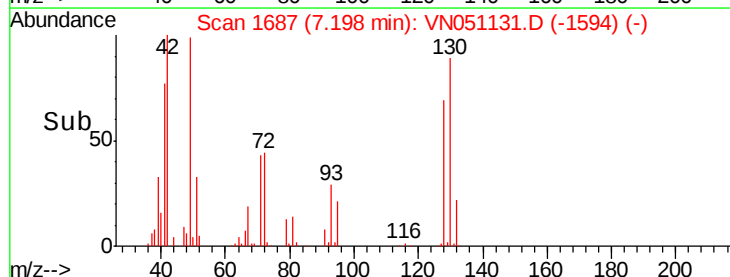
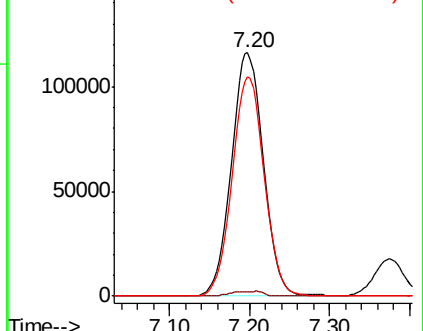
130 89.8 70.7 106.1

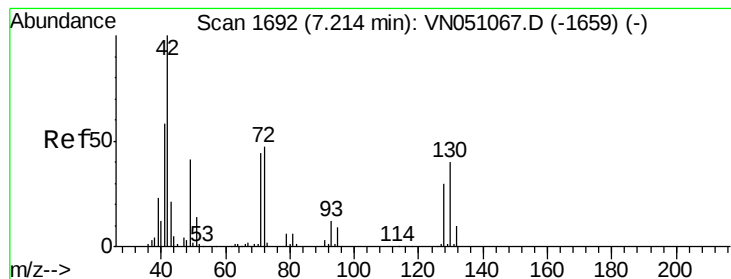


Abundance Ion 48.90 (48.60 to 49.60): VN051067.D (-1663) (-)

Ion 128.80 (128.50 to 129.50): VN051067.D (-1663) (-)

Ion 129.80 (129.50 to 130.50): VN051067.D (-1663) (-)





#29

Tetrahydrofuran

Concen: 297.17 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMSD

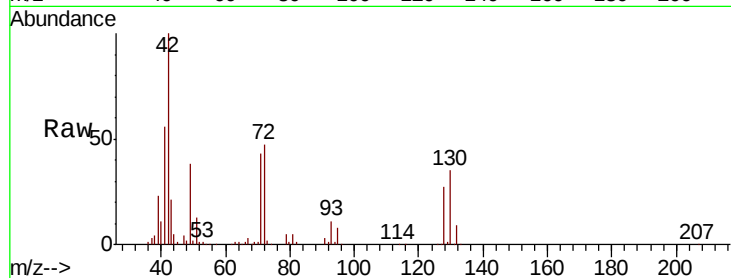
Tot Ion: 42 Resp: 551861

Ion Ratio Lower Upper

42 100

72 47.0 37.4 56.0

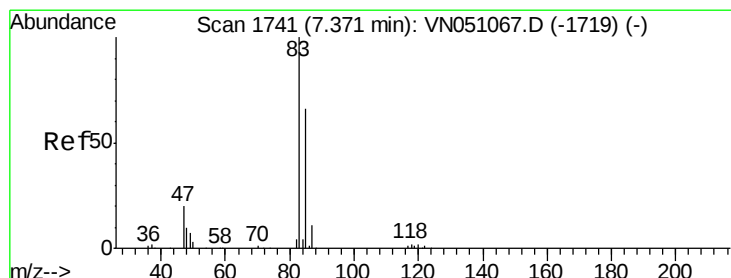
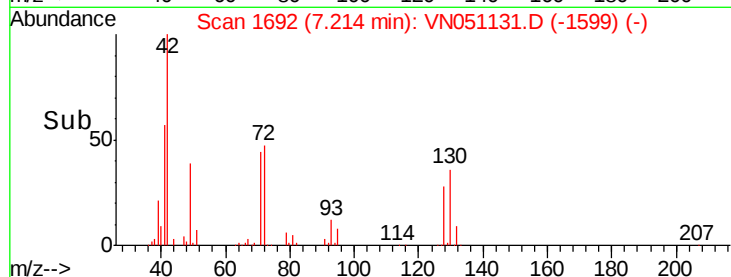
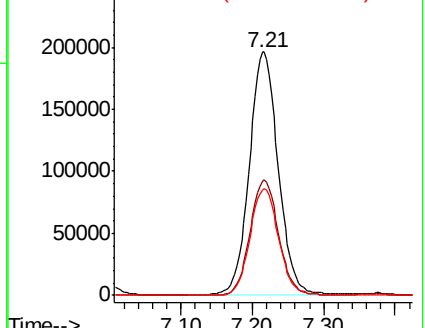
71 43.6 34.7 52.1



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: 48.61 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN051131.D

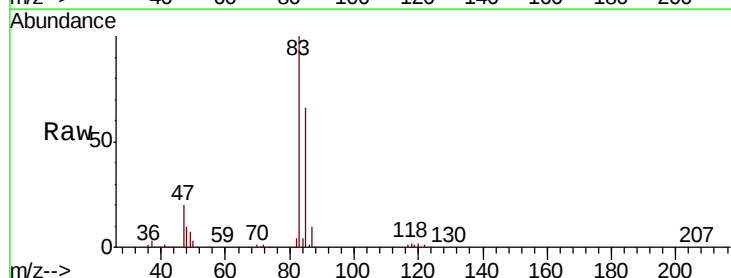
Acq: 11 Sep 2018 16:51

Tgt Ion: 83 Resp: 672651

Ion Ratio Lower Upper

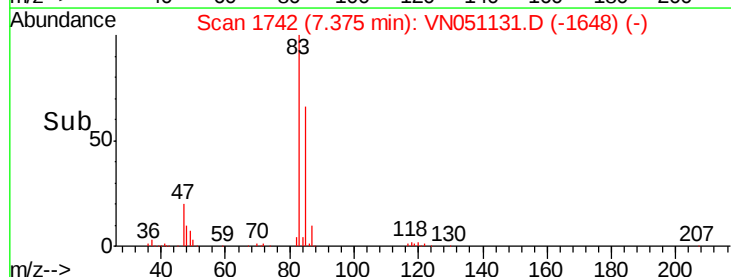
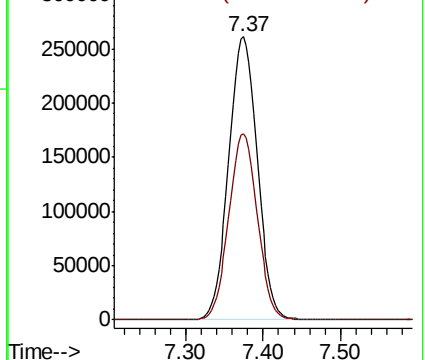
83 100

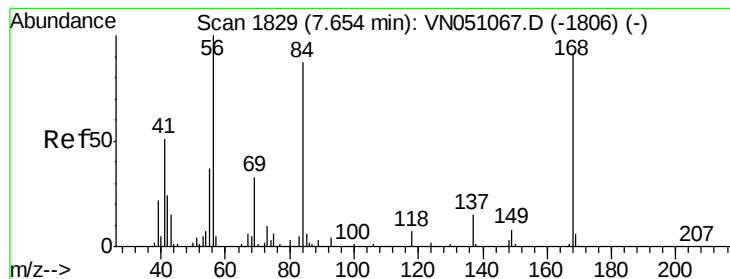
85 65.8 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 48.76 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMSD

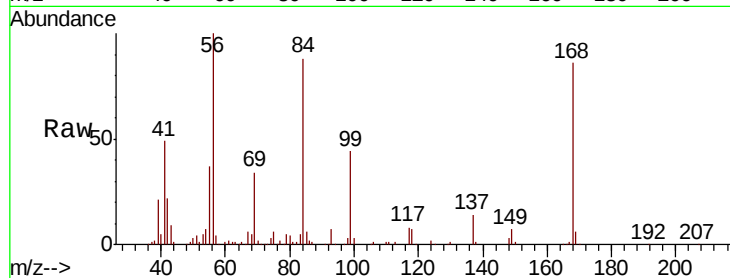
Tot Ion: 56 Resp: 604839

Ion Ratio Lower Upper

56 100

69 33.8 26.3 39.5

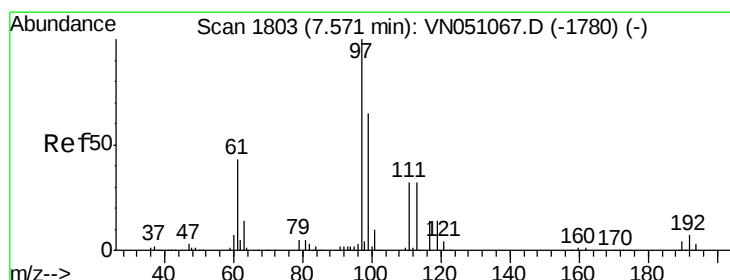
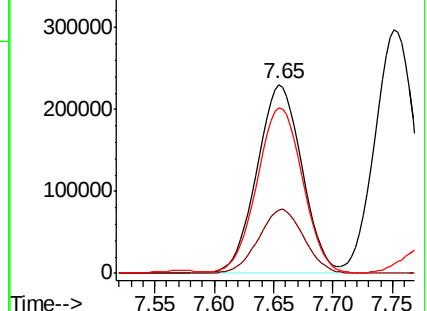
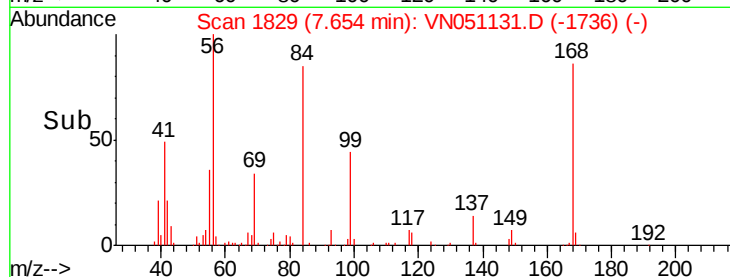
84 86.5 69.4 104.0



Abundance Ion 56.00 (55.70 to 56.70): VN051131.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN051131.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN051131.D (-1736) (-)



#32

1,1,1-Trichloroethane

Concen: 49.07 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

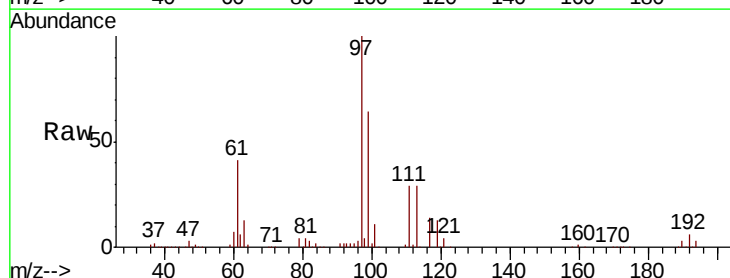
Tgt Ion: 97 Resp: 578615

Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

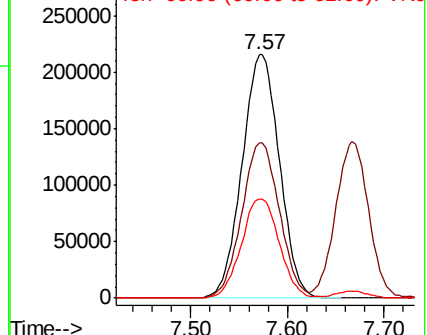
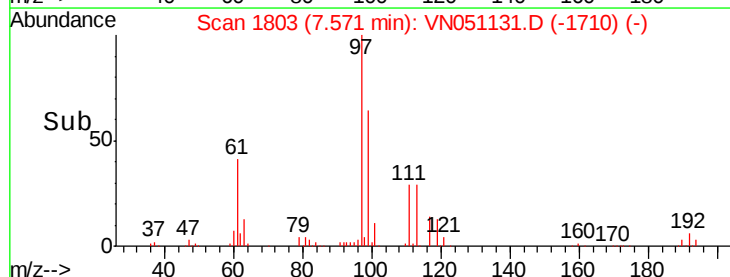
61 41.4 33.8 50.6

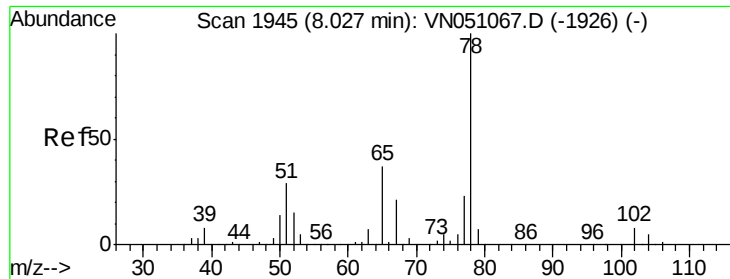


Abundance Ion 96.90 (96.60 to 97.60): VN051131.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN051131.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN051131.D (-1710) (-)

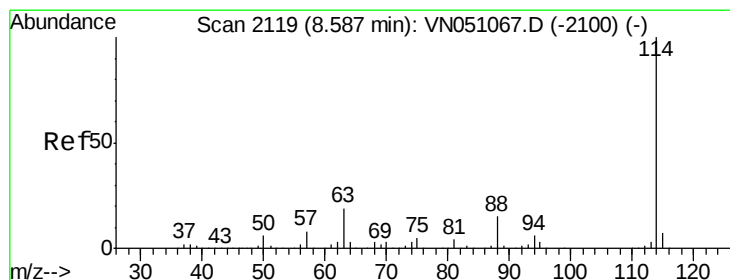
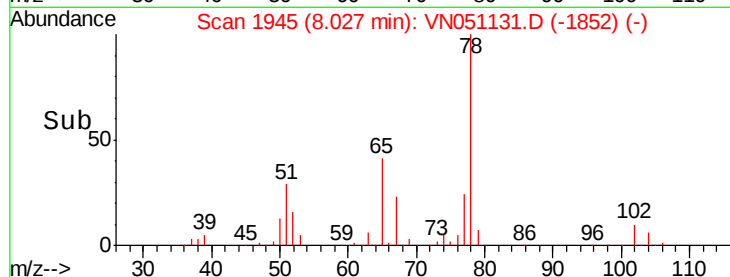
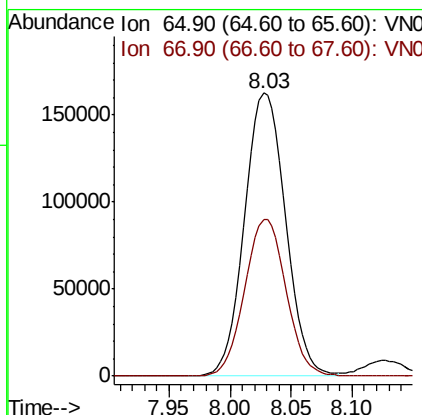
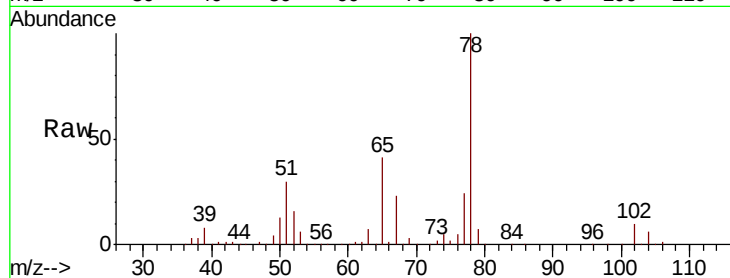




#33
 1,2-Dichloroethane-d4
 Concen: 50.18 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051131.D
 Acq: 11 Sep 2018 16:51

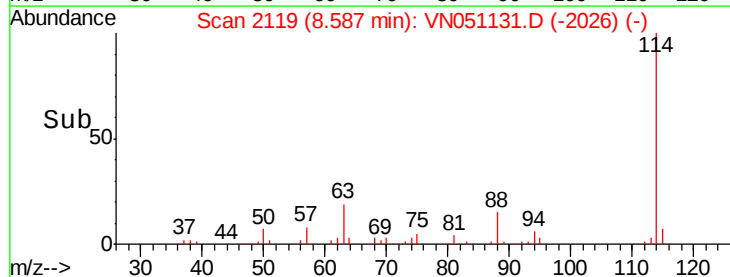
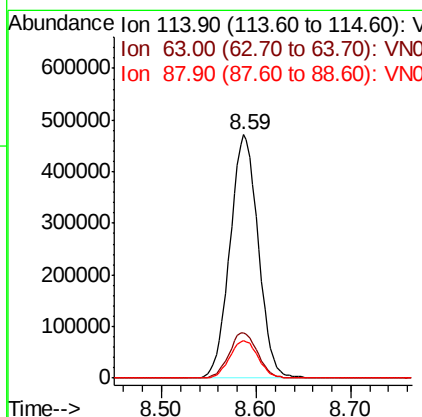
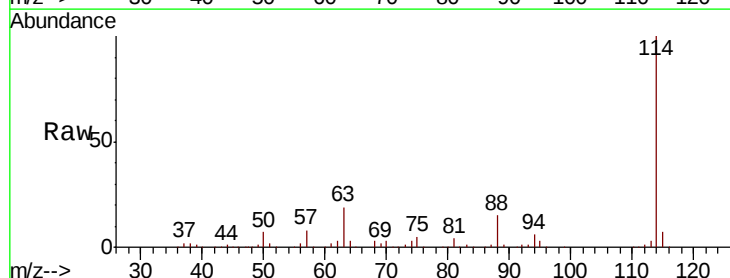
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMSD

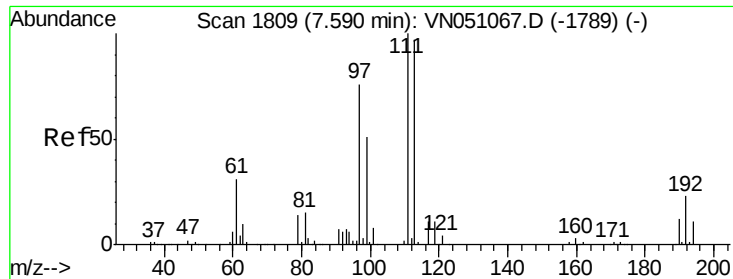
Tot Ion: 65 Resp: 379564
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051131.D
 Acq: 11 Sep 2018 16:51

Tgt Ion: 114 Resp: 978305
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.8
 88 15.2 0.0 30.8

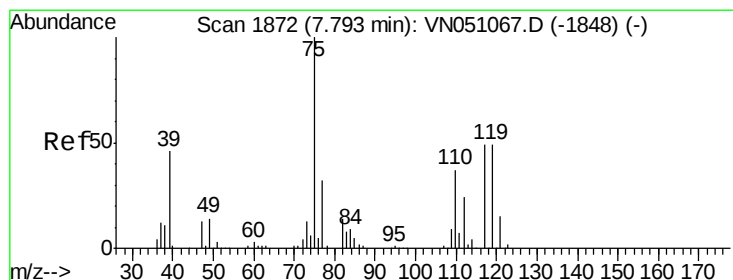
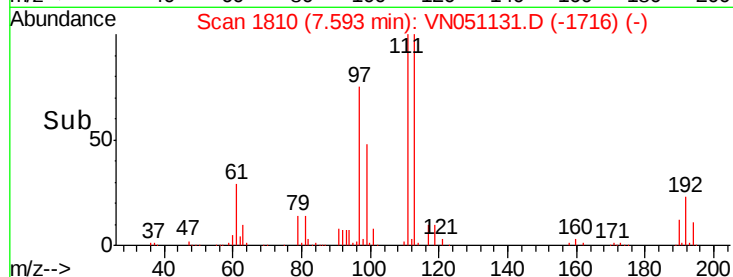
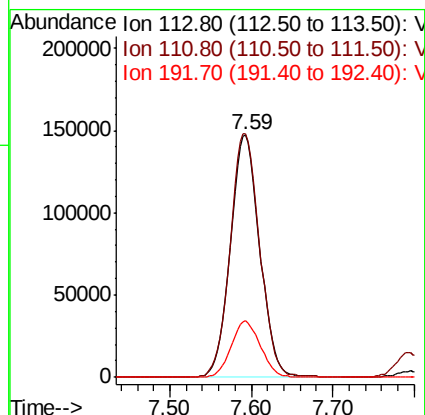
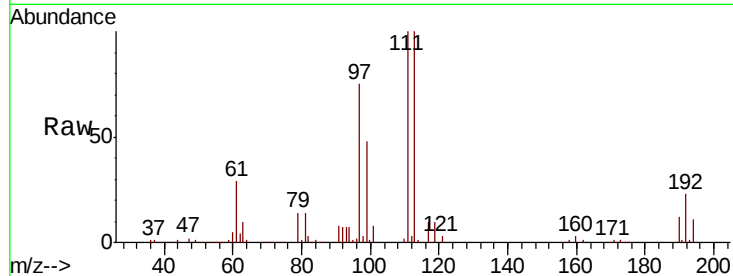




#35
 Dibromofluoromethane
 Concen: 50.44 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051131.D
 Acq: 11 Sep 2018 16:51

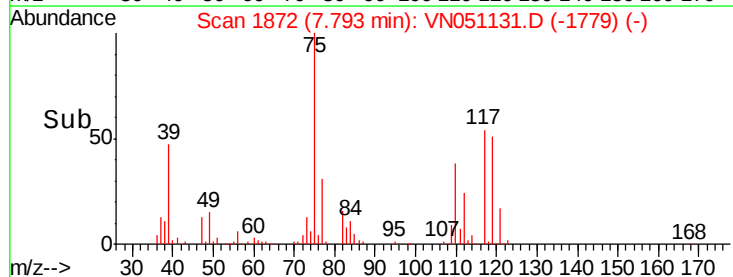
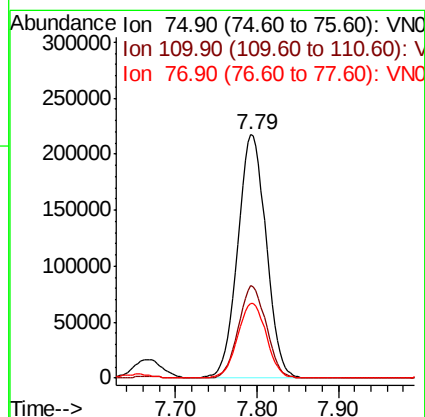
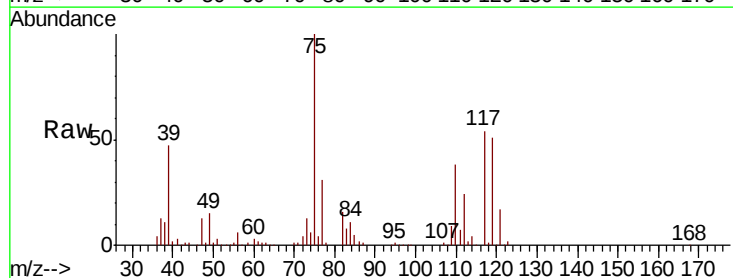
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMSD

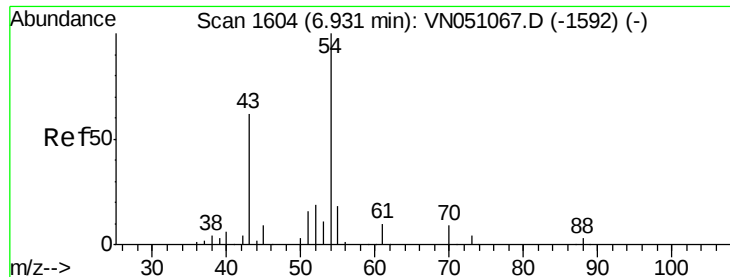
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.0	124.6
192	23.2	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 48.89 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051131.D
 Acq: 11 Sep 2018 16:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.6	55.8
77	31.3	25.2	37.8

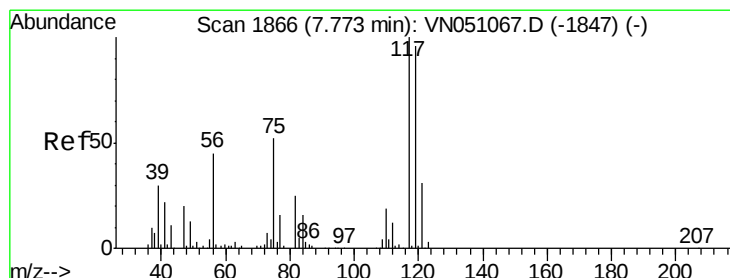
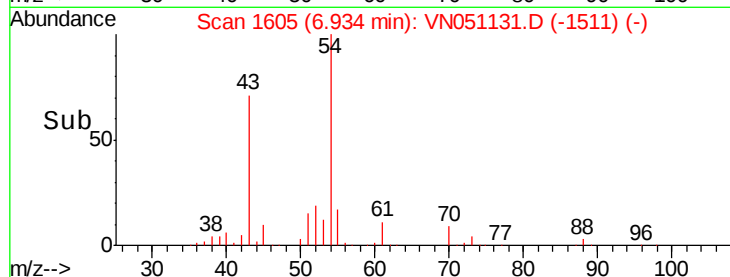
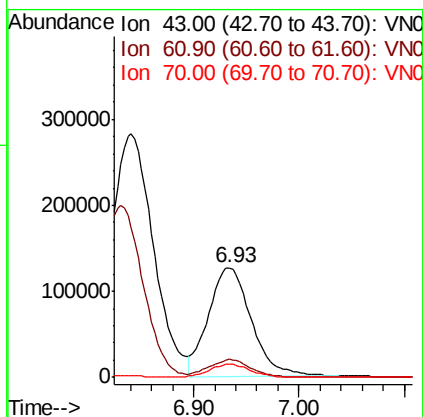
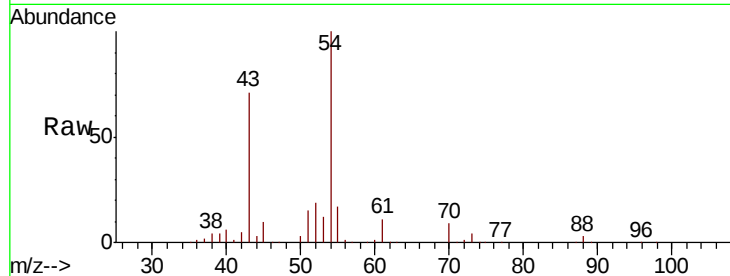




#37
Ethyl Acetate
Concen: 57.49 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

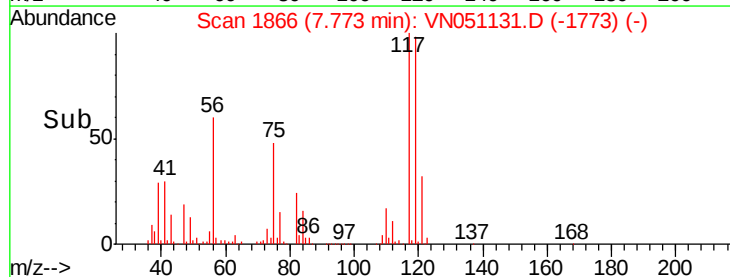
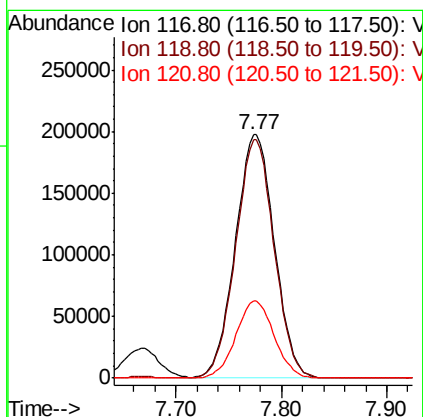
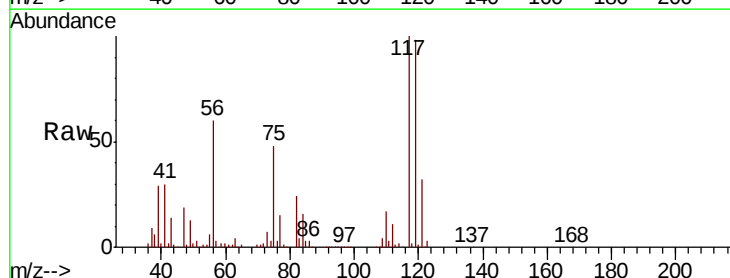
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMSD

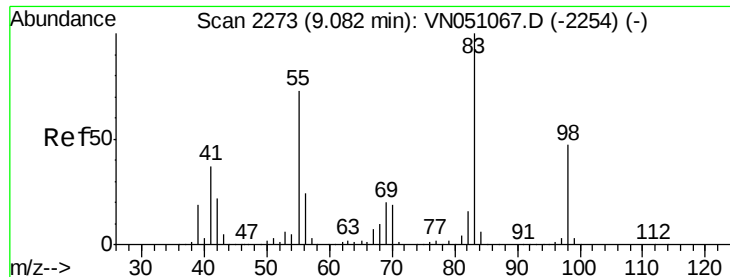
Tot Ion: 43 Resp: 357652
Ion Ratio Lower Upper
43 100
61 15.6 12.4 18.6
70 11.7 9.3 13.9



#38
Carbon Tetrachloride
Concen: 47.96 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

Tgt Ion: 117 Resp: 506985
Ion Ratio Lower Upper
117 100
119 97.7 76.8 115.2
121 31.6 24.6 36.8

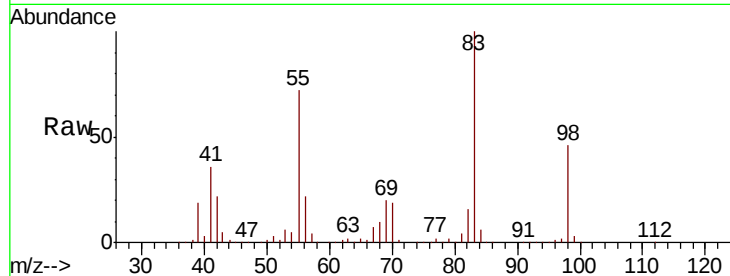




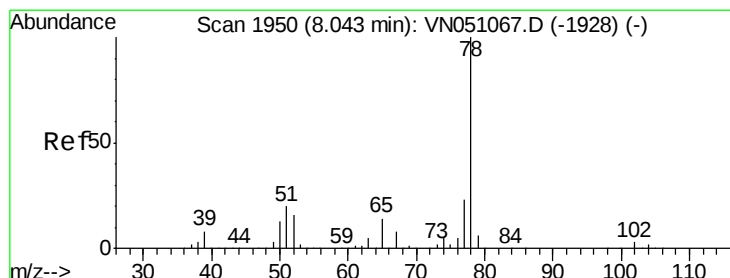
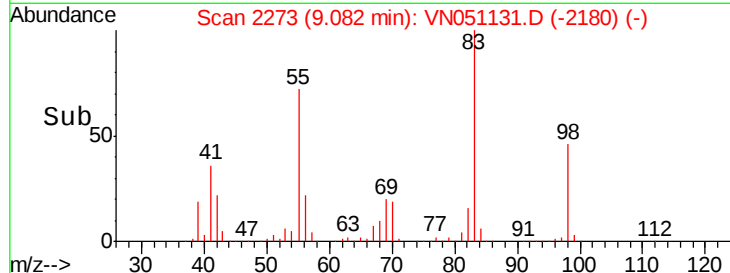
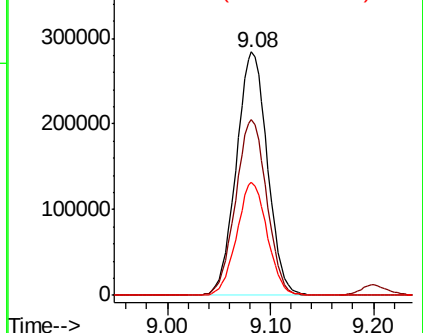
#39
Methvlcvclohexane
Concen: 50.22 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMSD

Tot Ion: 83 Resp: 595158
Ion Ratio Lower Upper
83 100
55 72.4 58.4 87.6
98 46.3 37.3 55.9

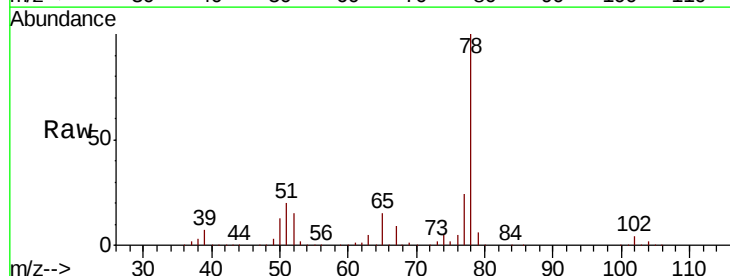


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

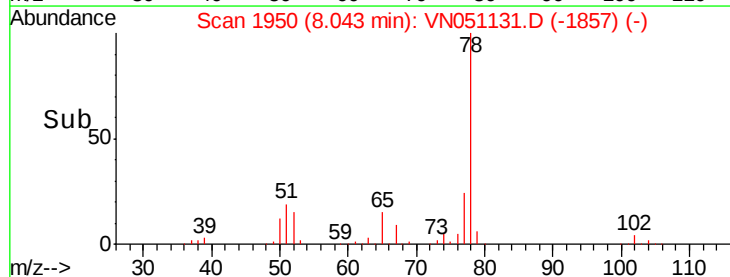
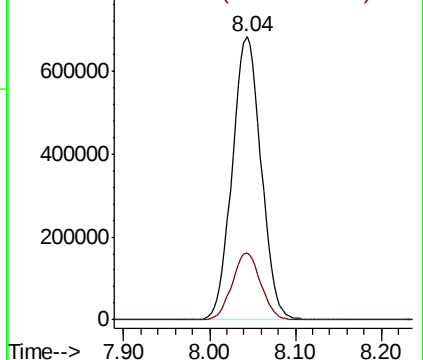


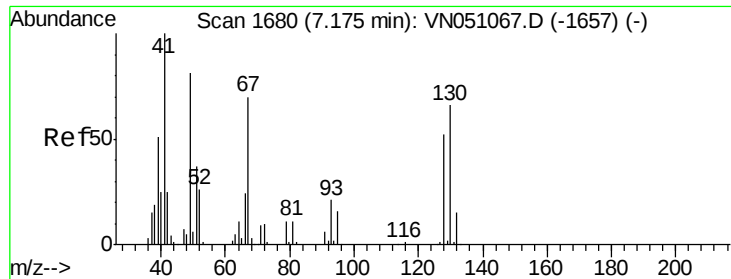
#40
Benzene
Concen: 49.23 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

Tgt Ion: 78 Resp: 1593503
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8



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

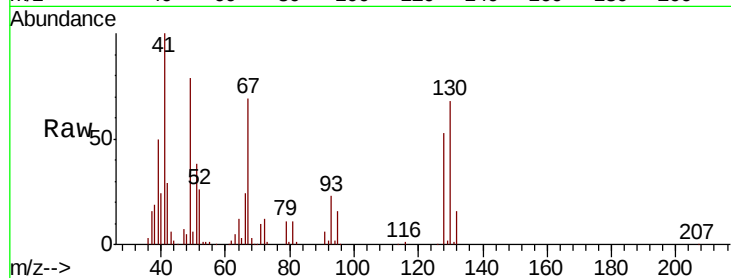




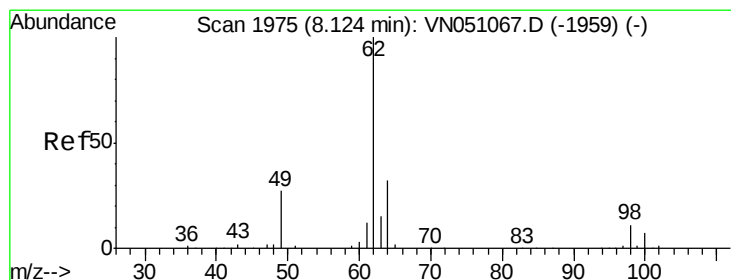
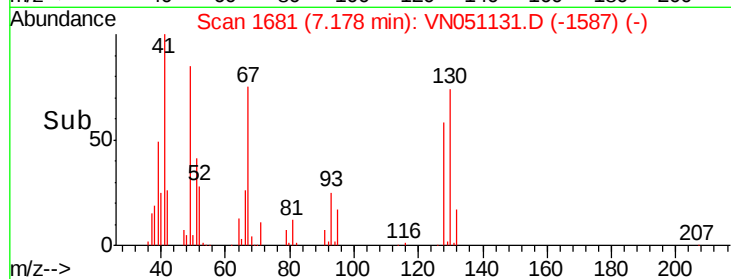
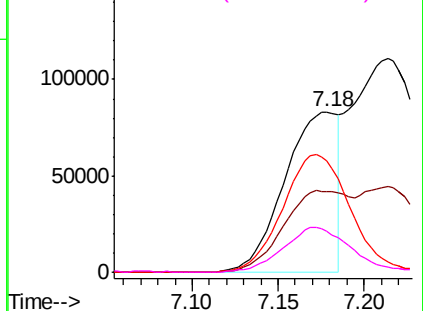
#41
Methacrylonitrile
Concen: 55.50 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMSD

Tot Ion: 41 Resp: 178143
Ion Ratio Lower Upper
41 100
39 64.0 51.3 76.9
67 94.1 78.5 117.7
52 35.5 29.0 43.6

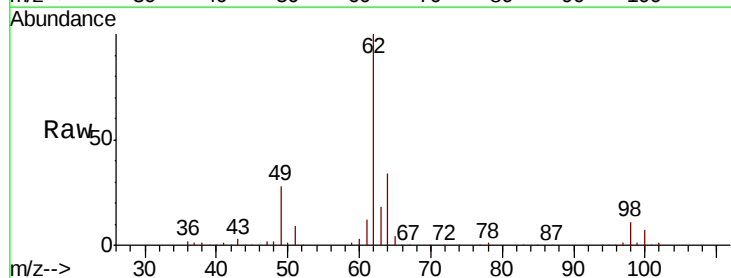


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

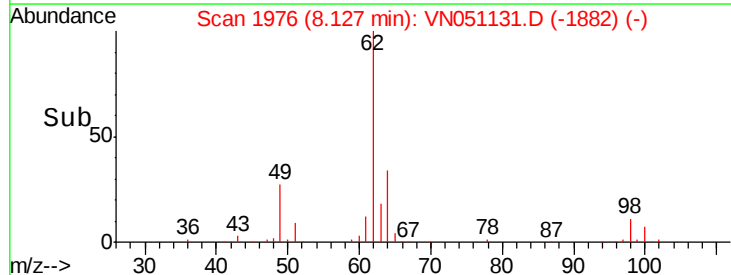
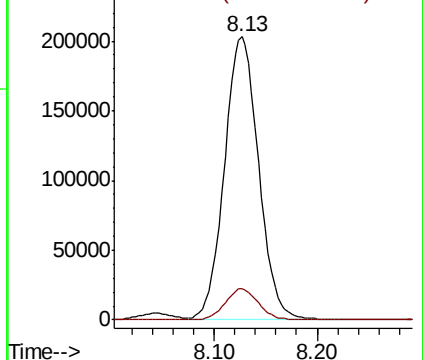


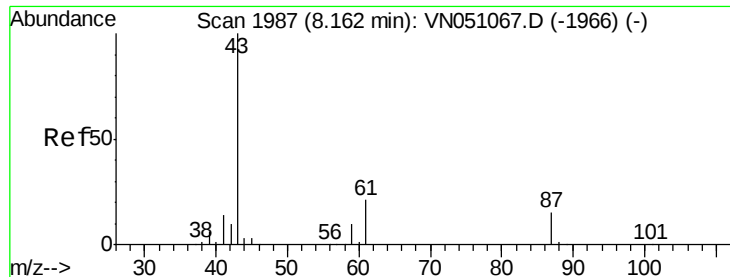
#42
1,2-Dichloroethane
Concen: 49.48 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

Tgt Ion: 62 Resp: 466814
Ion Ratio Lower Upper
62 100
98 10.8 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: 57.27 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMSD

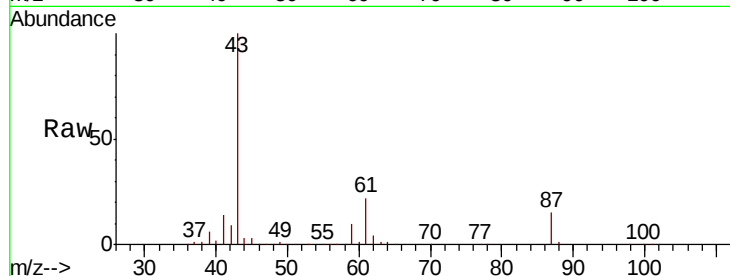
Tot Ion: 43 Resp: 628617

Ion Ratio Lower Upper

43 100

61 29.7 25.0 37.6

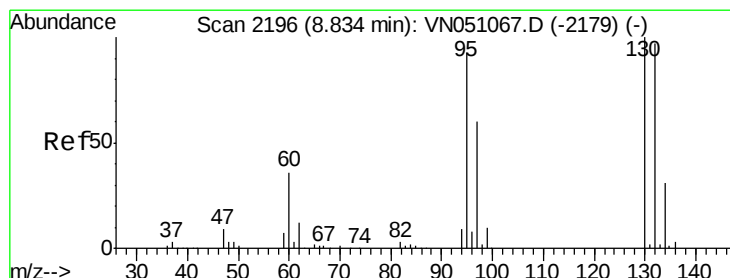
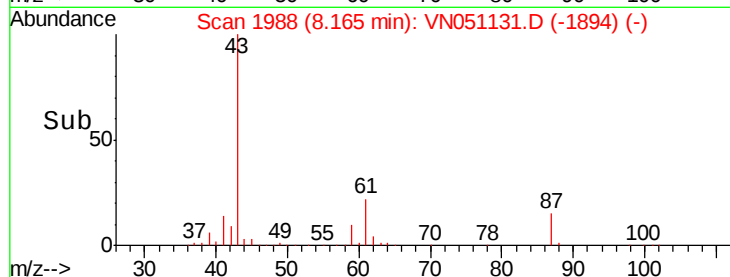
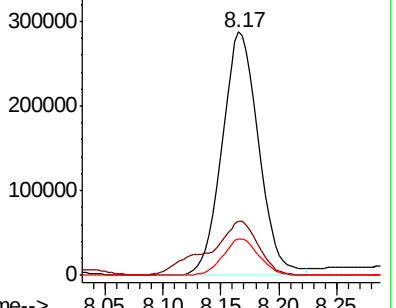
87 14.9 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN051067.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN051067.D (-1966) (-)



#44

Trichloroethene

Concen: 48.50 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN051131.D

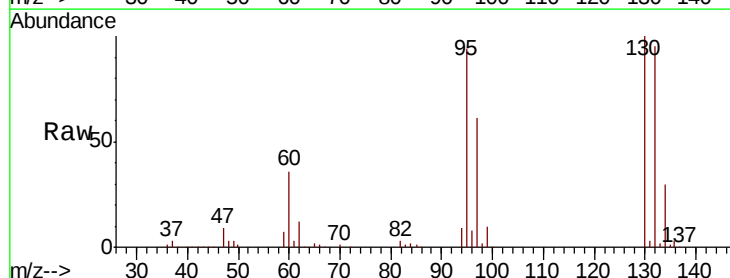
Acq: 11 Sep 2018 16:51

Tgt Ion: 130 Resp: 429362

Ion Ratio Lower Upper

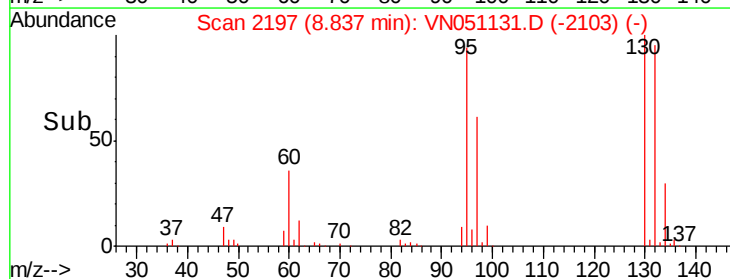
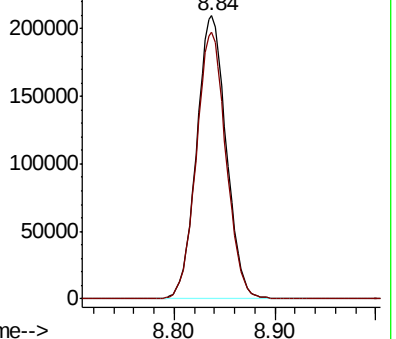
130 100

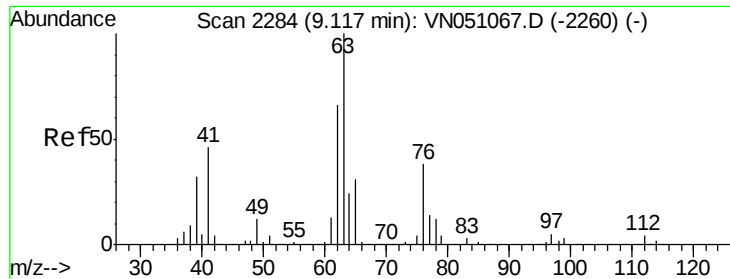
95 94.0 0.0 186.2



Abundance Ion 129.80 (129.50 to 130.50): VN051067.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN051067.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 49.22 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

Instrument :

MSVOA_N

ClientSampleId :

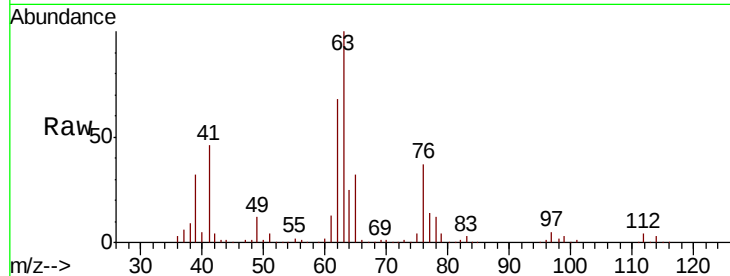
EP1-MW-DMSD

Tot Ion: 63 Resp: 411654

Ion Ratio Lower Upper

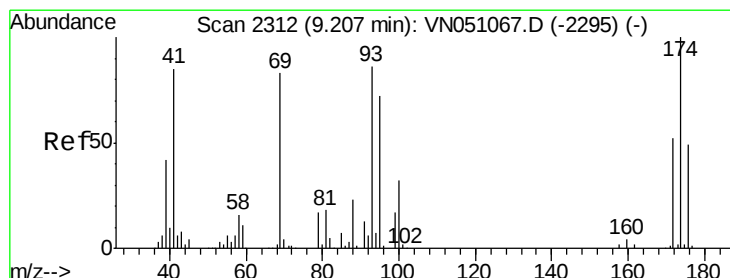
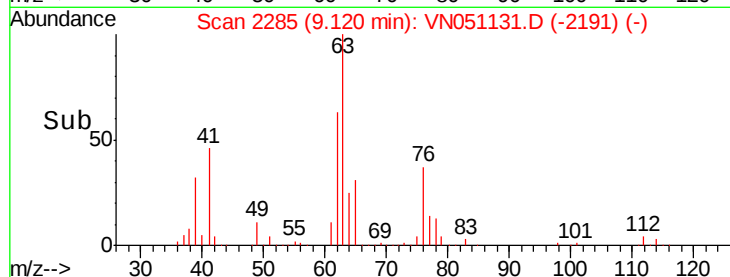
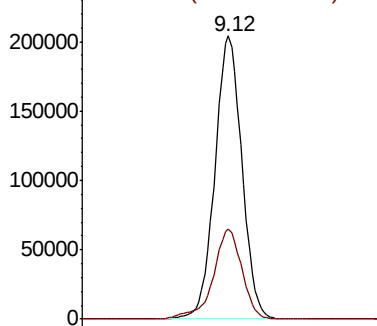
63 100

65 31.7 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 49.12 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

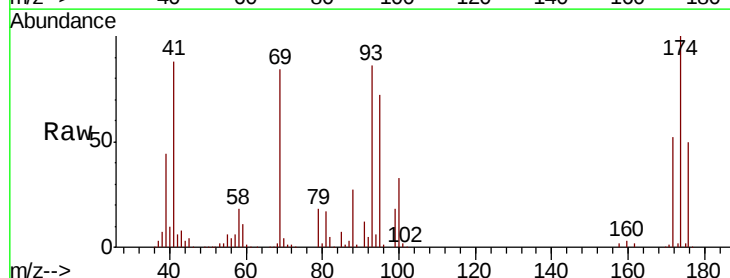
Tgt Ion: 93 Resp: 250642

Ion Ratio Lower Upper

93 100

95 83.7 66.8 100.2

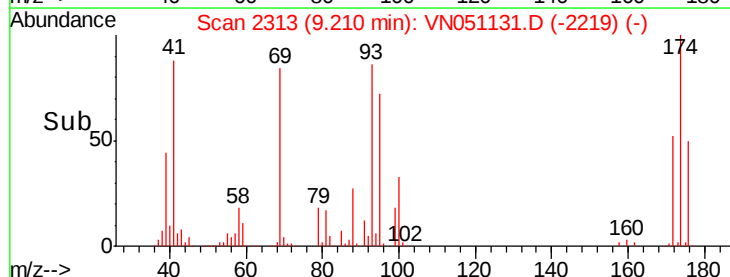
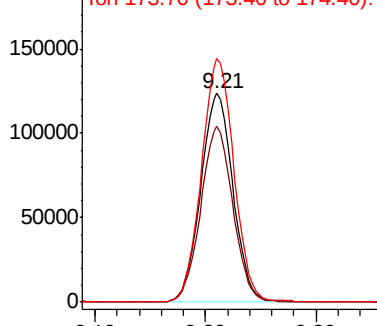
174 117.9 93.3 139.9

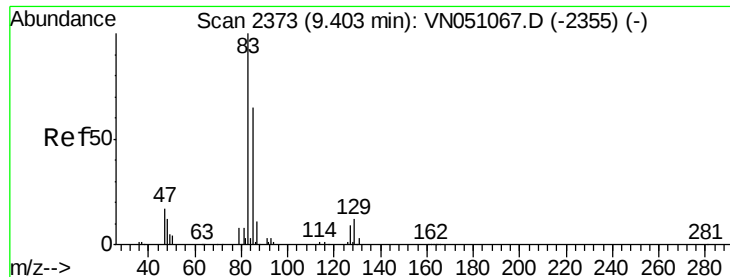


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.31 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMSD

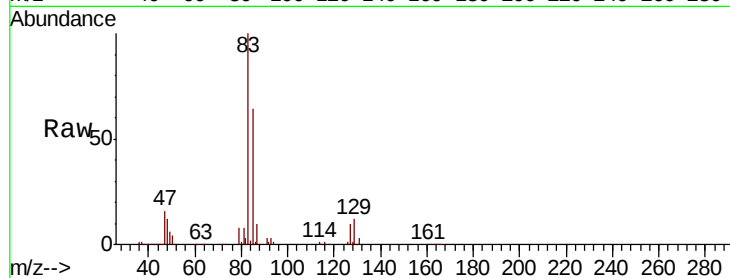
Tot Ion: 83 Resp: 521976

Ion Ratio Lower Upper

83 100

85 63.8 52.3 78.5

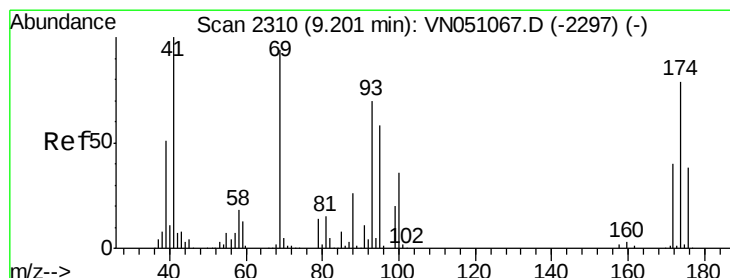
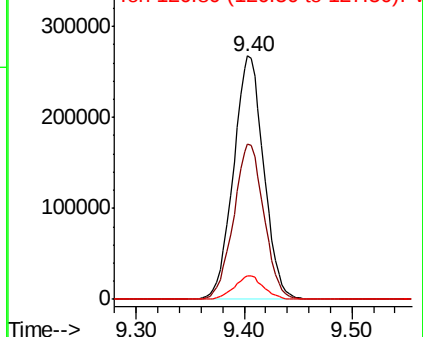
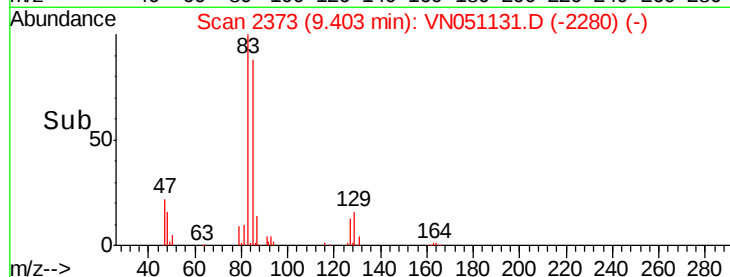
127 9.7 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VN051131.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN051131.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN051131.D (-2280) (-)



#48

Methyl methacrylate

Concen: 59.37 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

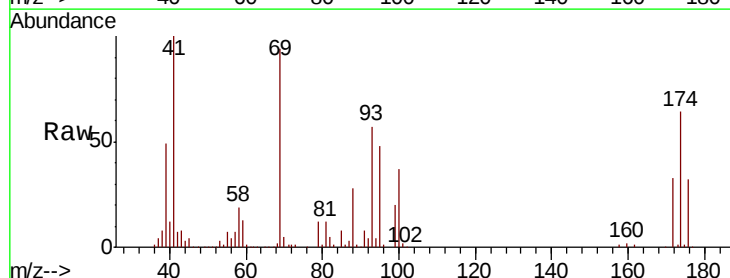
Tgt Ion: 41 Resp: 317575

Ion Ratio Lower Upper

41 100

69 94.6 77.7 116.5

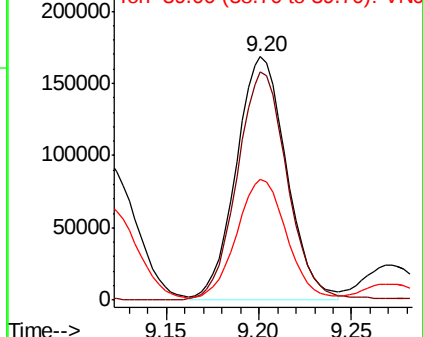
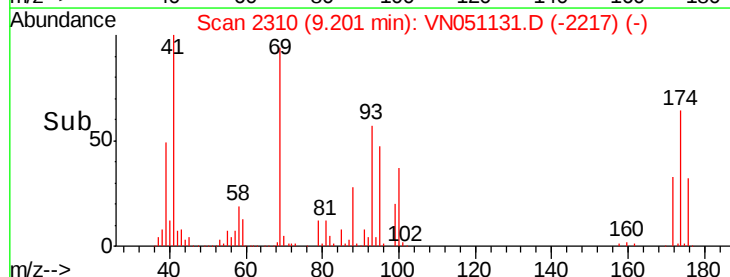
39 49.3 41.6 62.4

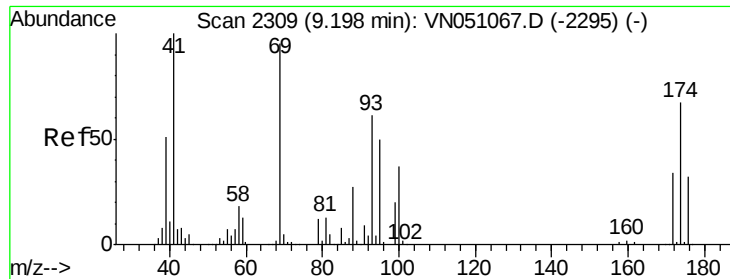


Abundance Ion 41.00 (40.70 to 41.70): VN051131.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN051131.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN051131.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1183.51 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMSD

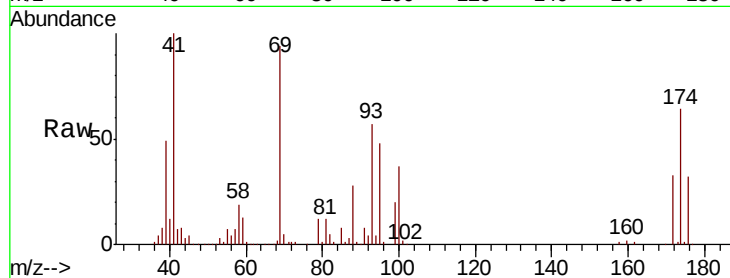
Tot Ion: 88 Resp: 99272

Ion Ratio Lower Upper

88 100

43 29.0 23.7 35.5

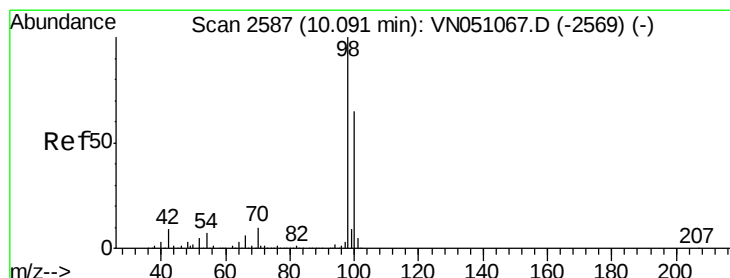
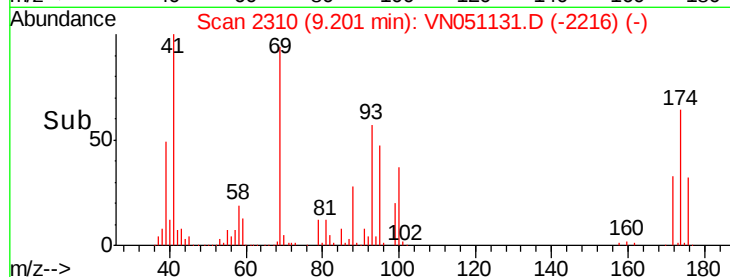
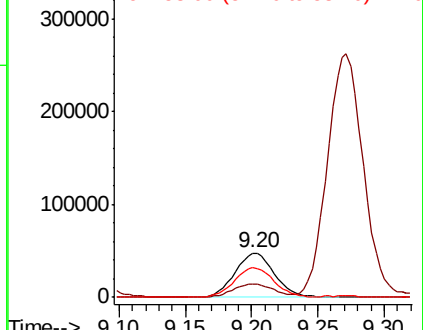
58 67.1 54.6 82.0



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.74 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051131.D

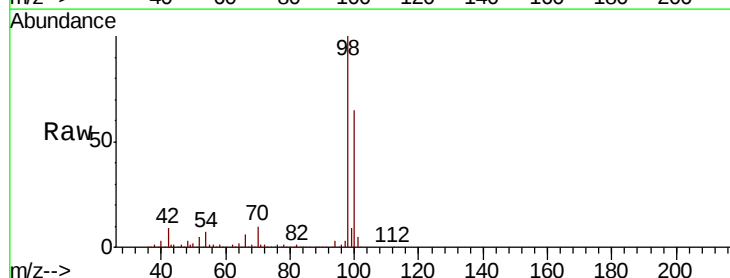
Acq: 11 Sep 2018 16:51

Tgt Ion: 98 Resp: 1387490

Ion Ratio Lower Upper

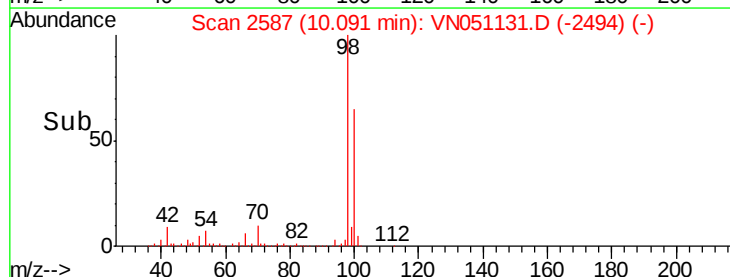
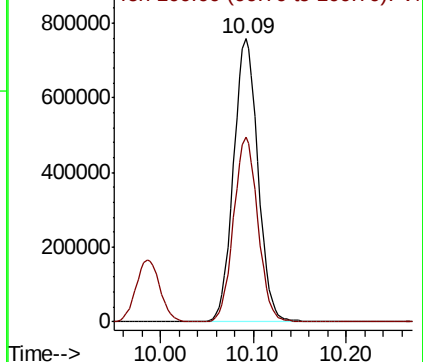
98 100

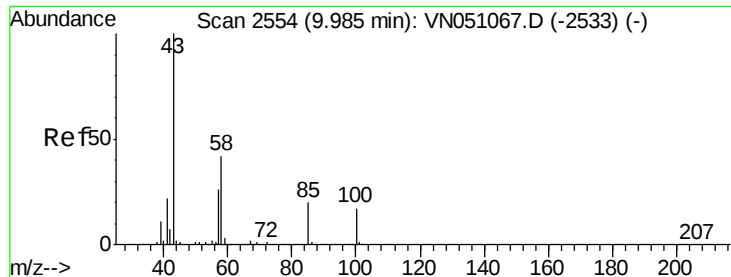
100 64.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

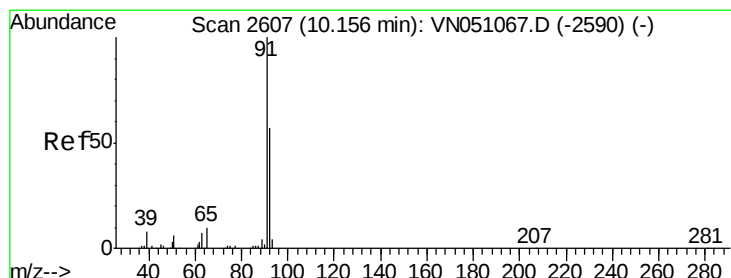
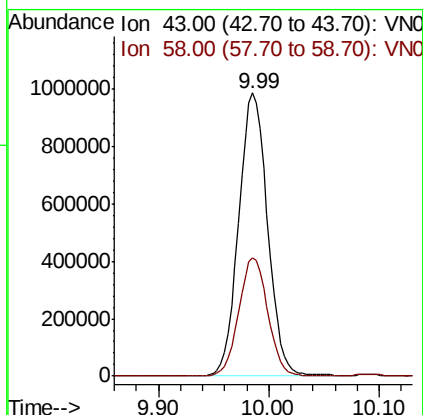
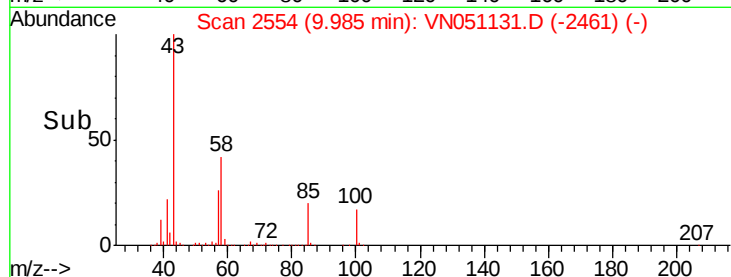
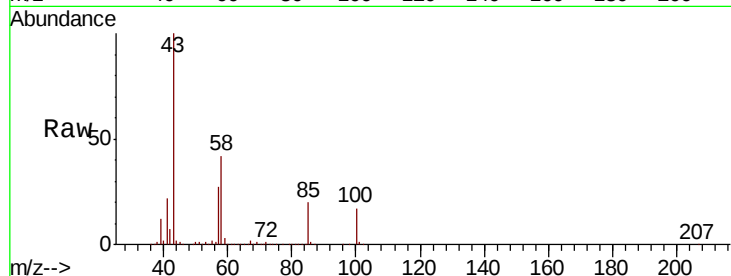




#51
4-Methyl-2-Pentanone
Concen: 294.48 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

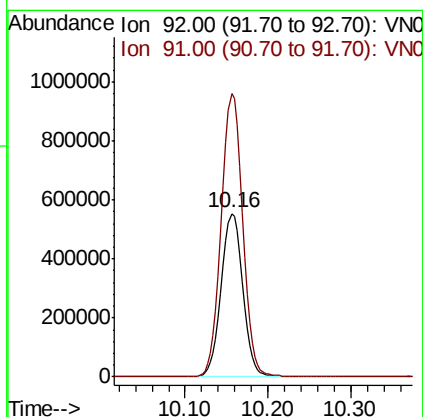
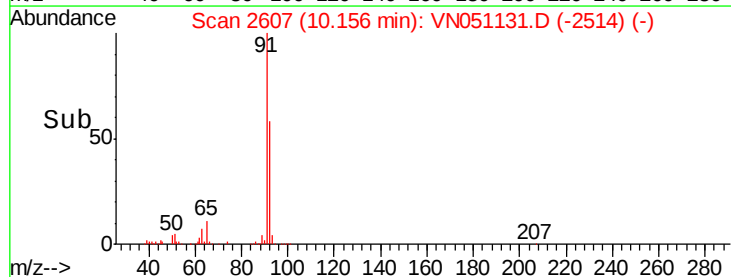
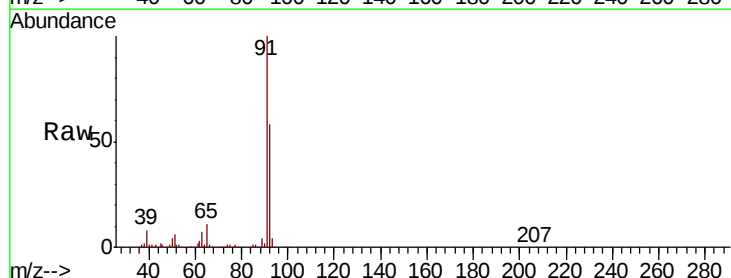
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-DMSD

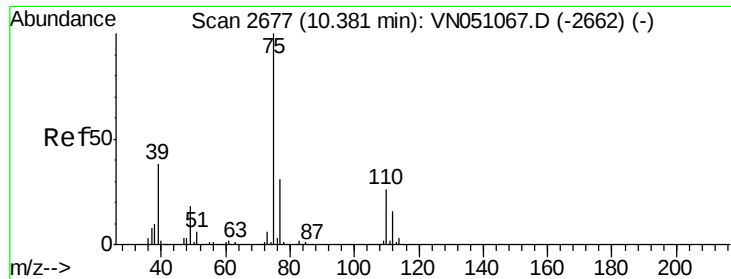
Tot Ion: 43 Resp: 1787495
Ion Ratio Lower Upper
43 100
58 42.0 33.5 50.3



#52
Toluene
Concen: 50.64 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

Tgt Ion: 92 Resp: 999480
Ion Ratio Lower Upper
92 100
91 172.5 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 52.39 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

Instrument :

MSVOA_N

ClientSampleId :

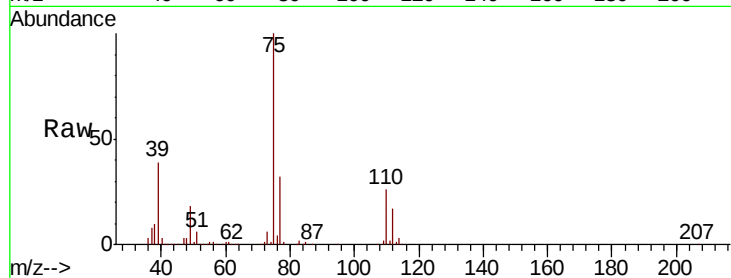
EP1-MW-DMSD

Tot Ion: 75 Resp: 544046

Ion Ratio Lower Upper

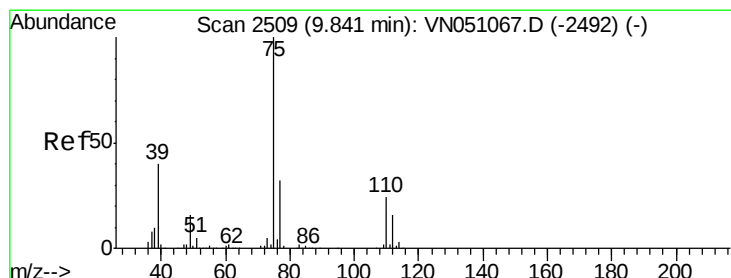
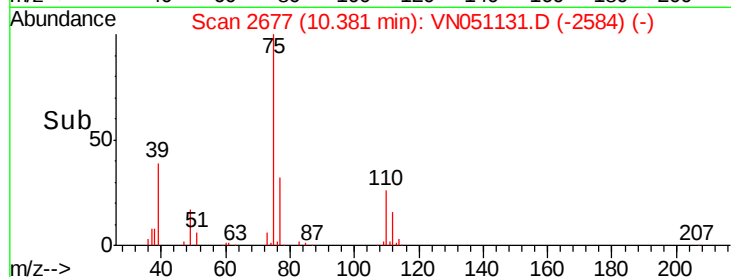
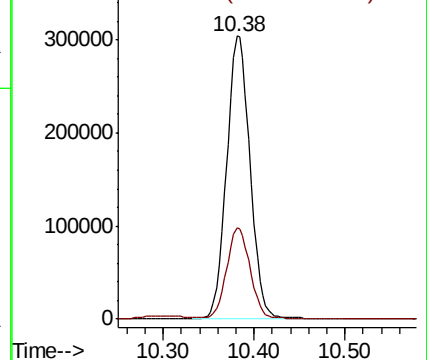
75 100

77 32.1 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: 49.96 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

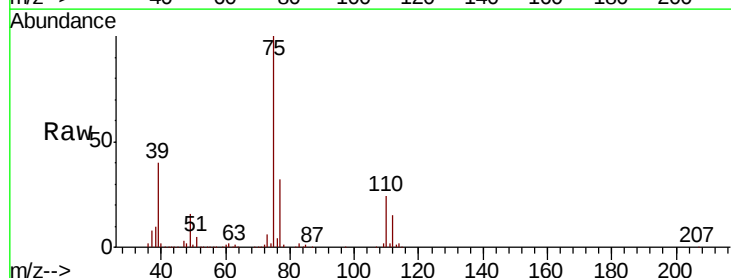
Tgt Ion: 75 Resp: 608330

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

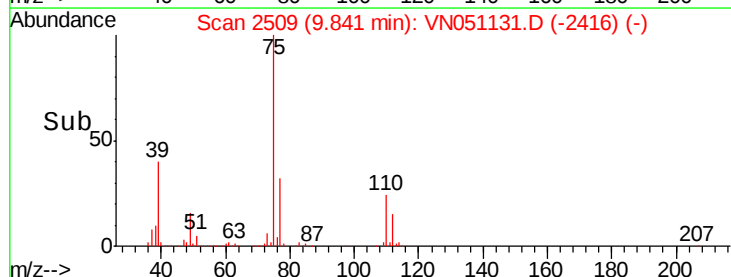
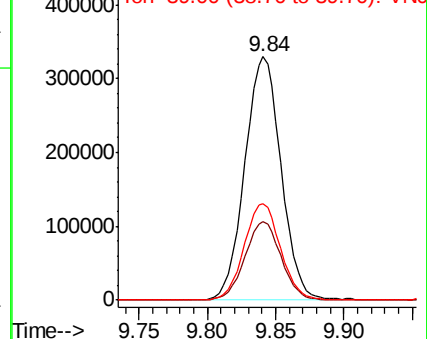
39 39.8 31.9 47.9

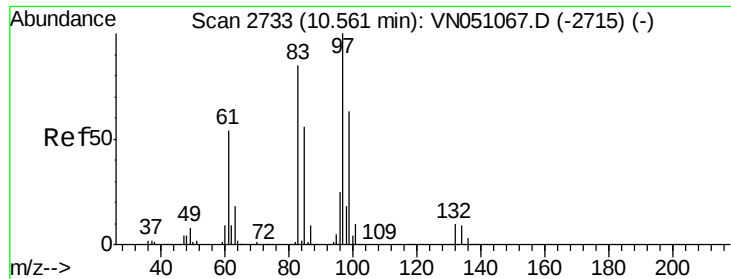


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

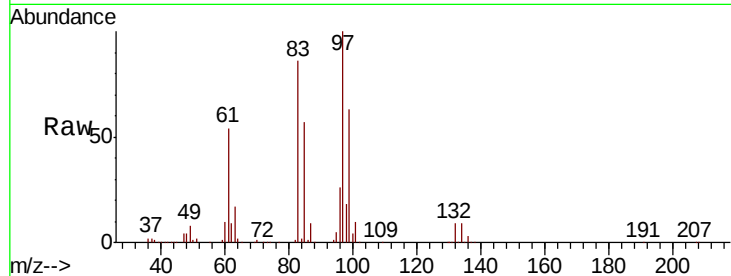




#55
 1,1,2-Trichloroethane
 Concen: 52.43 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN051131.D
 Acq: 11 Sep 2018 16:51

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMSD

Tot Ion:	97	Resp:	375856
Ion	Ratio	Lower	Upper
97	100		
83	86.3	68.2	102.2
85	56.9	44.8	67.2
99	63.0	50.2	75.4



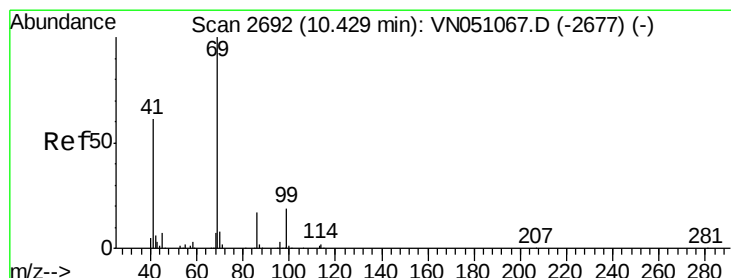
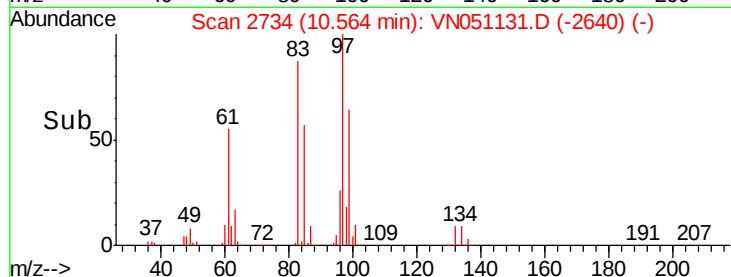
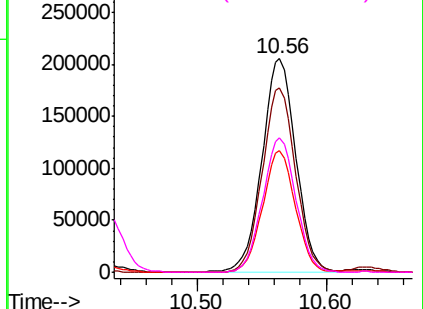
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

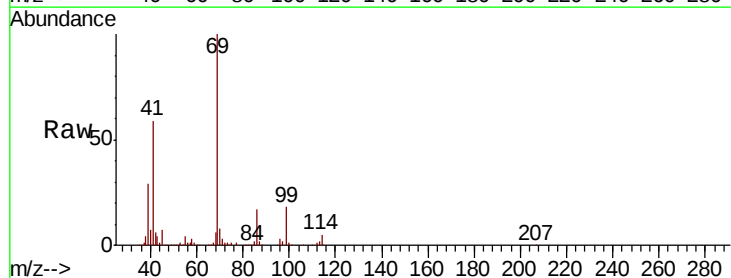
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 52.82 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN051131.D
 Acq: 11 Sep 2018 16:51

Tgt Ion:	69	Resp:	509567
Ion	Ratio	Lower	Upper
69	100		
41	59.5	47.8	71.8
39	28.7	23.0	34.4

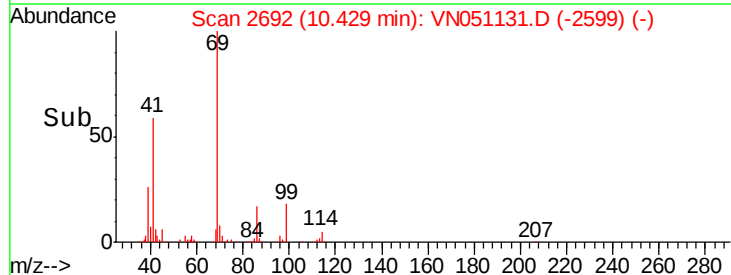
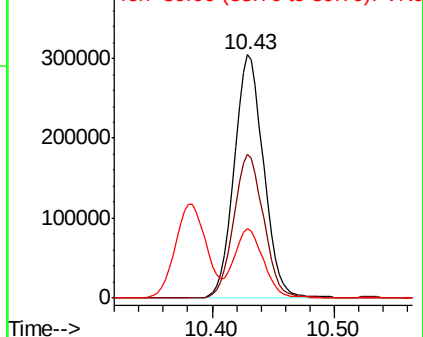


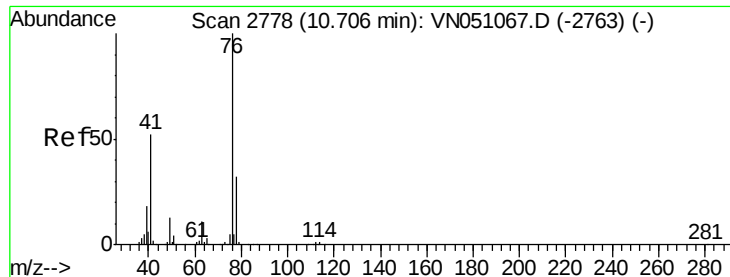
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 51.65 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

Instrument :

MSVOA_N

ClientSampleId :

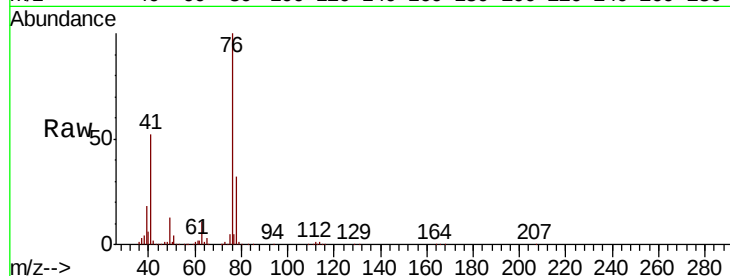
EP1-MW-DMSD

Tot Ion: 76 Resp: 613882

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

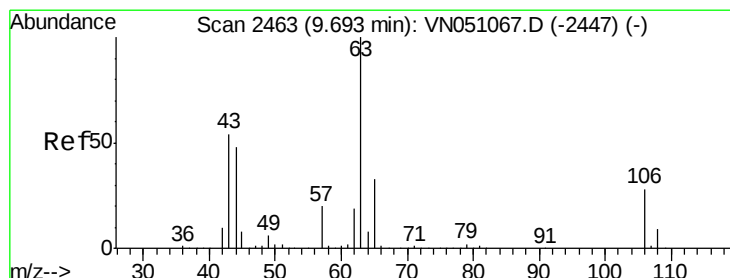
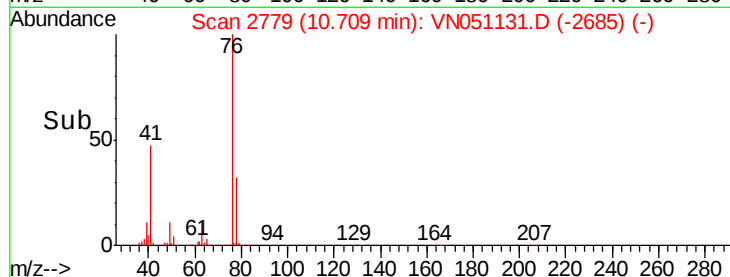
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 18.64 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051131.D

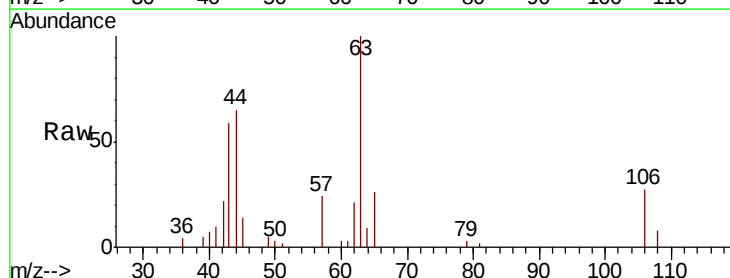
Acq: 11 Sep 2018 16:51

Tgt Ion: 63 Resp: 14693

Ion Ratio Lower Upper

63 100

106 26.5 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

8000

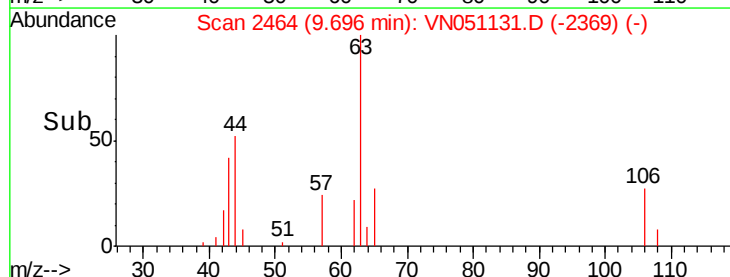
6000

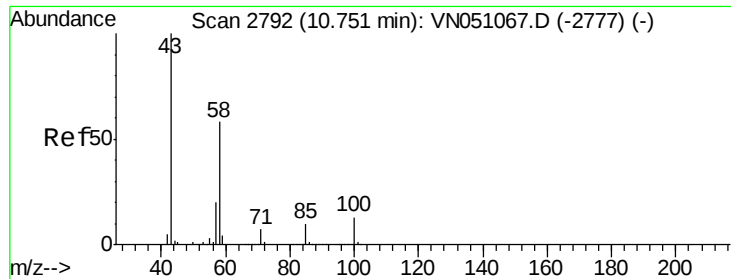
4000

2000

0

Time-->

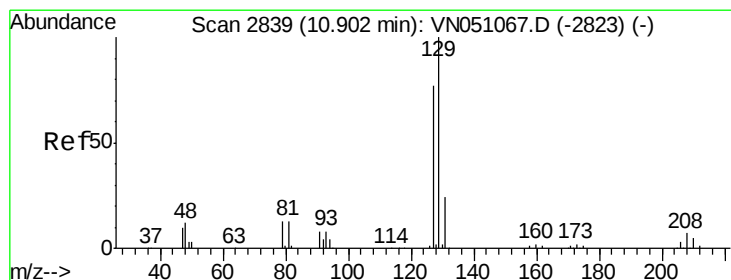
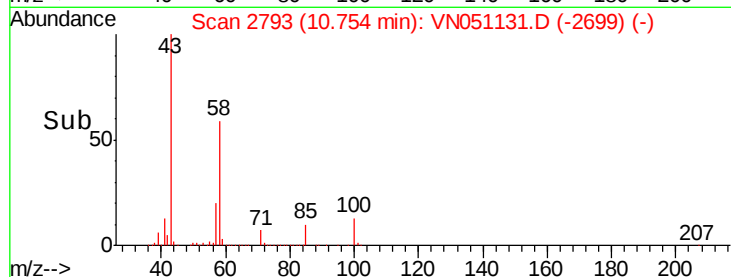
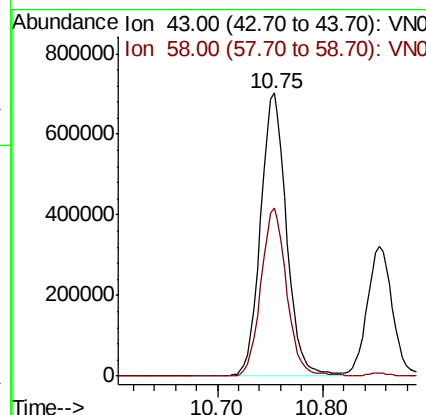
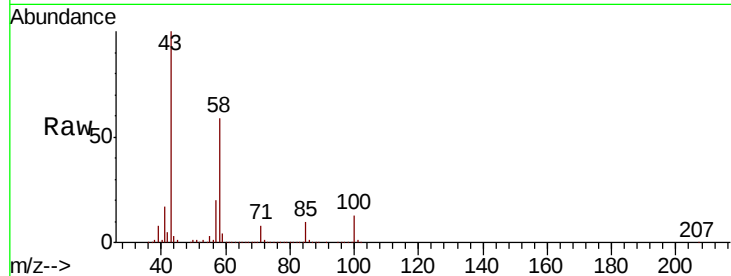




#59
2-Hexanone
Concen: 292.96 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

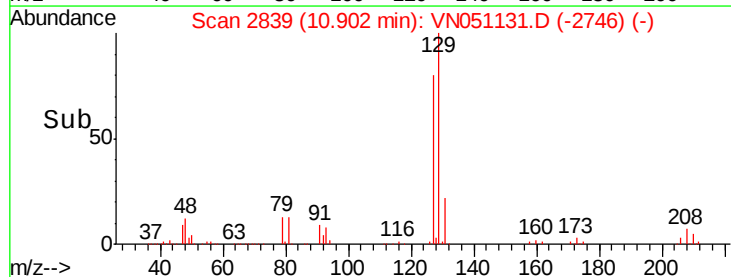
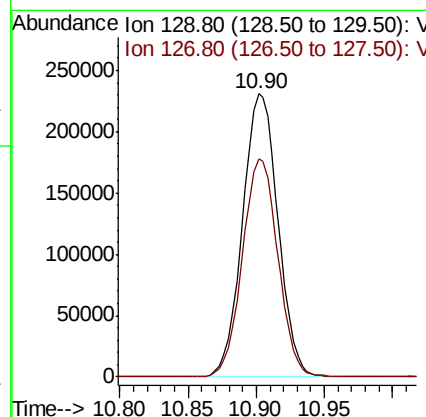
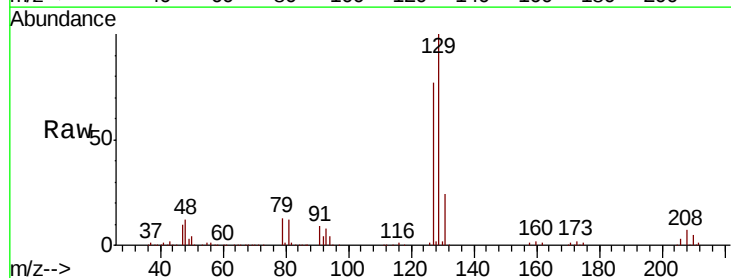
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMSD

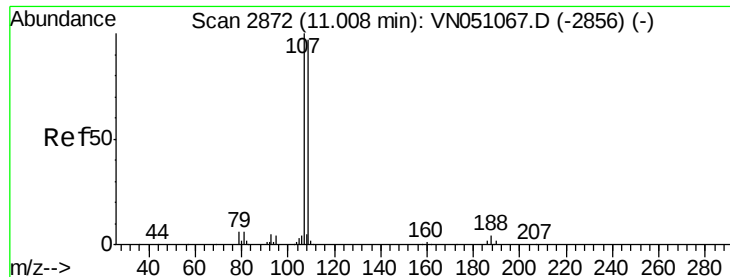
Tot Ion: 43 Resp: 1205966
Ion Ratio Lower Upper
43 100
58 58.8 29.3 88.0



#60
Dibromochloromethane
Concen: 51.67 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

Tgt Ion: 129 Resp: 417542
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

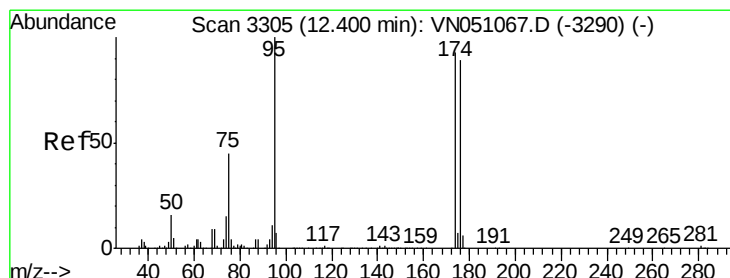
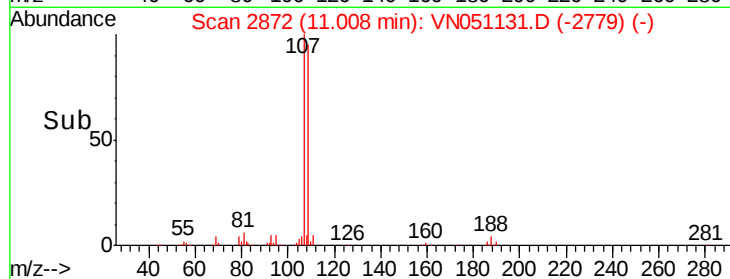
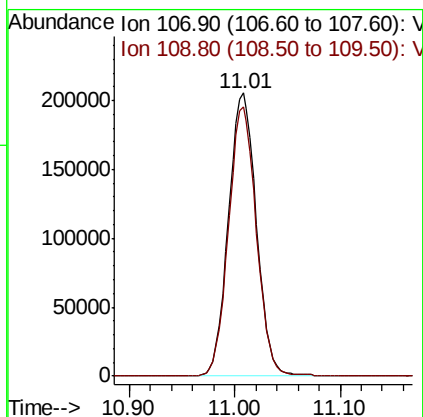
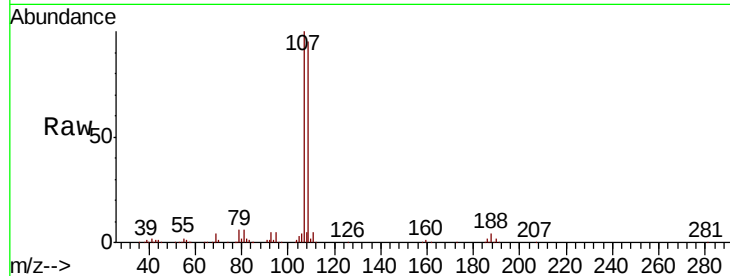




#61
 1,2-Dibromoethane
 Concen: 53.56 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN051131.D
 Acq: 11 Sep 2018 16:51

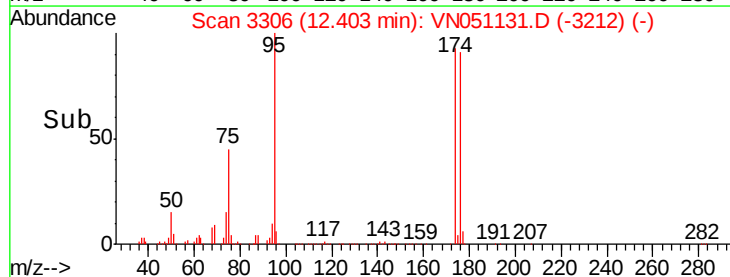
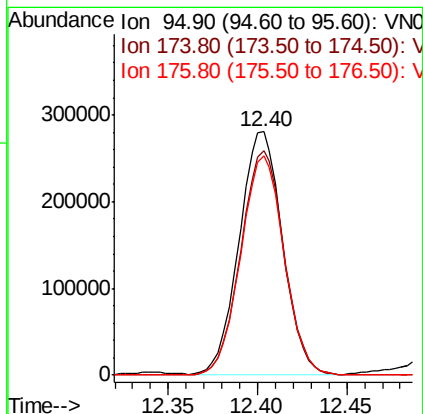
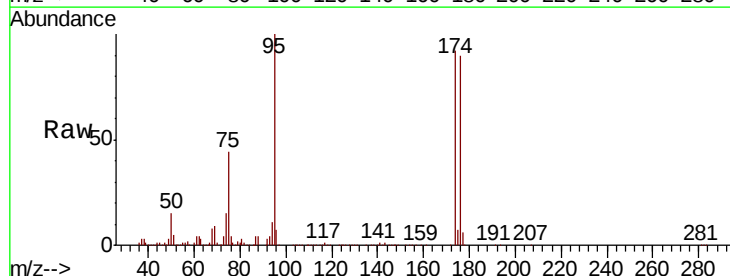
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMSD

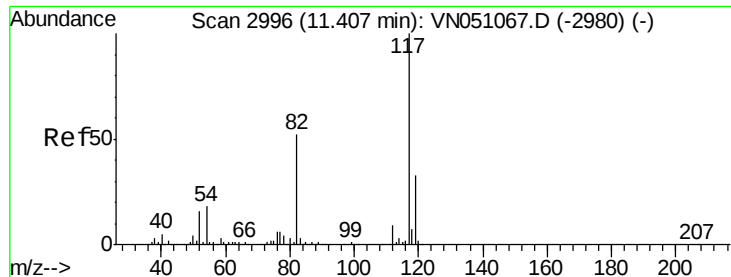
Tot Ion: 107 Resp: 375349
 Ion Ratio Lower Upper
 107 100
 109 95.0 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 51.08 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN051131.D
 Acq: 11 Sep 2018 16:51

Tgt Ion: 95 Resp: 471371
 Ion Ratio Lower Upper
 95 100
 174 93.1 0.0 184.8
 176 90.8 0.0 178.6

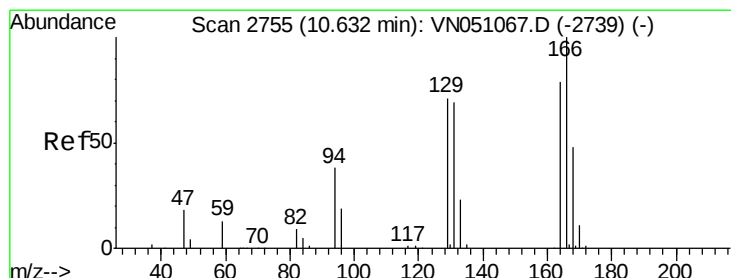
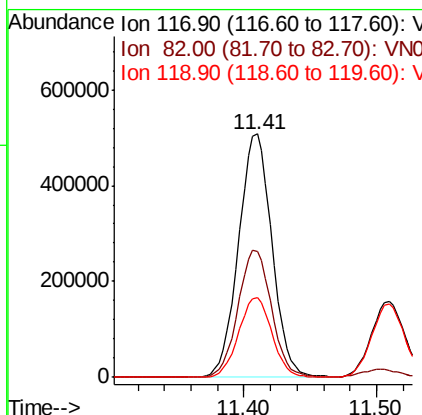
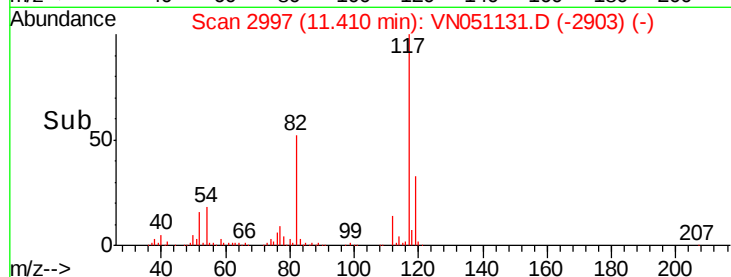
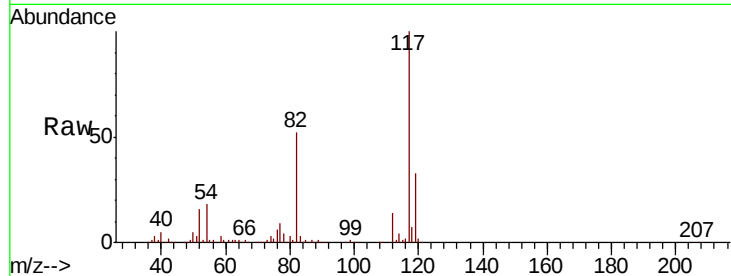




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

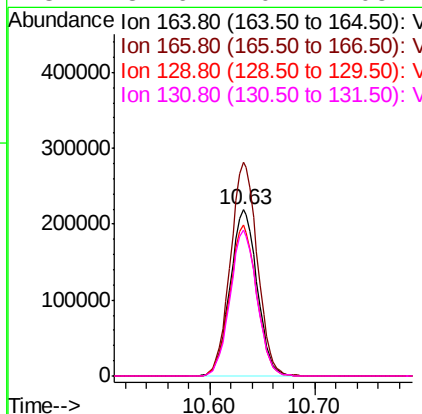
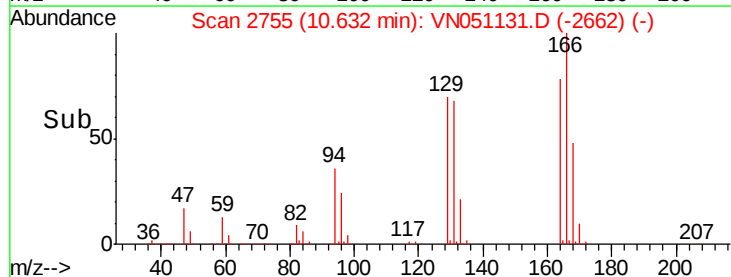
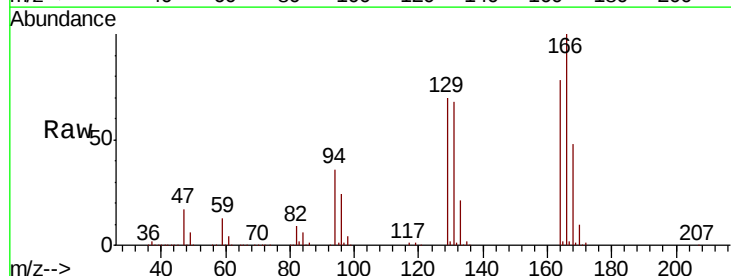
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMSD

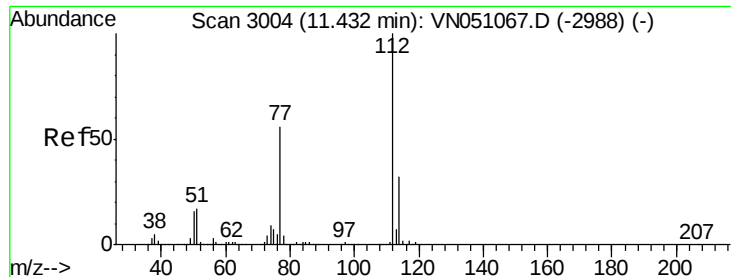
Tot Ion:117 Resp: 890725
Ion Ratio Lower Upper
117 100
82 51.7 41.8 62.6
119 32.7 26.2 39.2



#64
Tetrachloroethene
Concen: 47.65 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

Tgt Ion:164 Resp: 387274
Ion Ratio Lower Upper
164 100
166 128.7 101.3 151.9
129 90.7 72.2 108.2
131 87.6 70.2 105.2

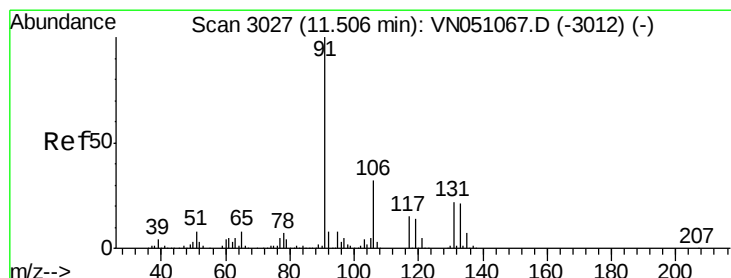
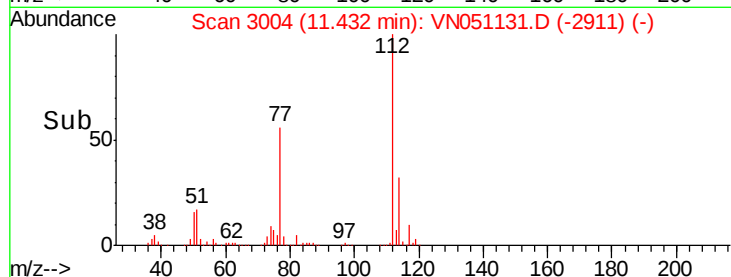
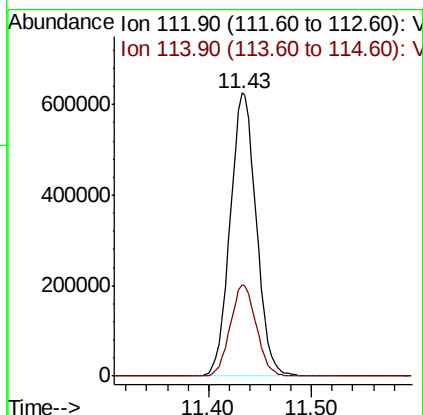
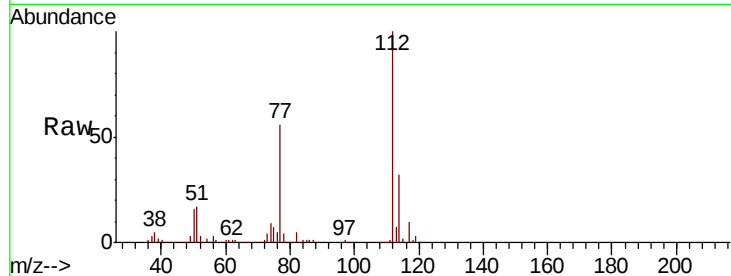




#65
Chlorobenzene
Concen: 49.16 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

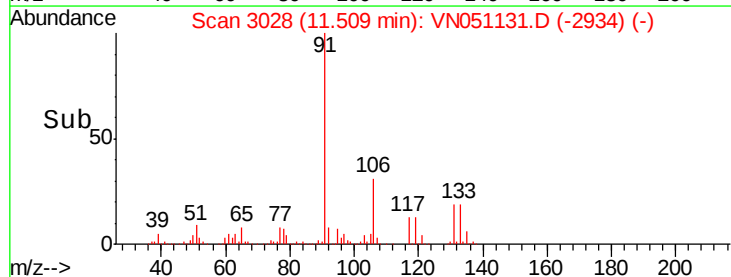
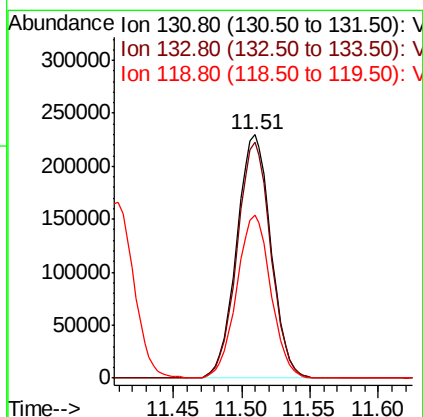
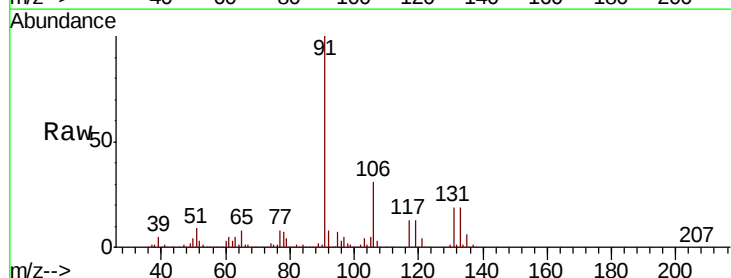
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMSD

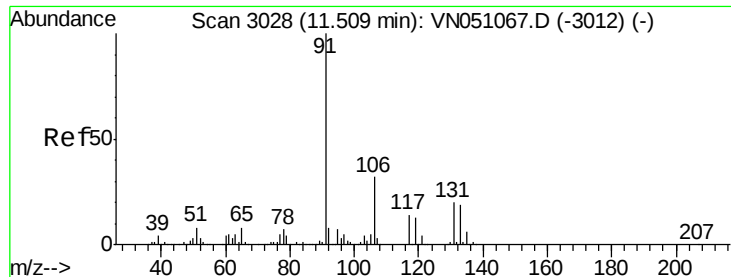
Tot Ion:112 Resp: 1103814
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.64 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

Tgt Ion:131 Resp: 401251
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 66.5 33.2 99.6

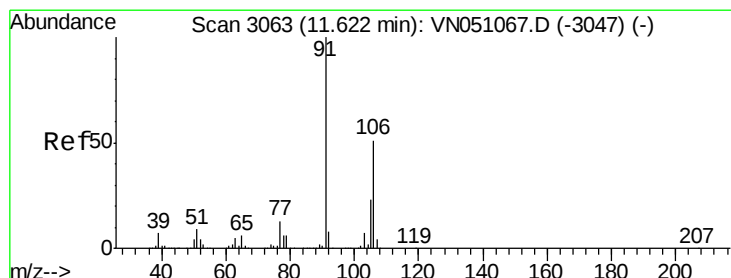
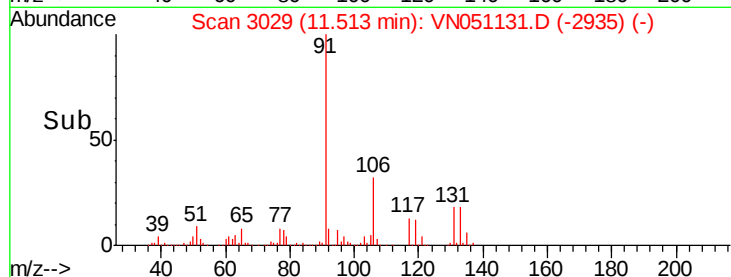
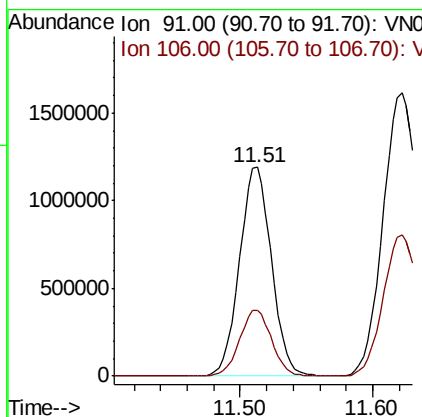
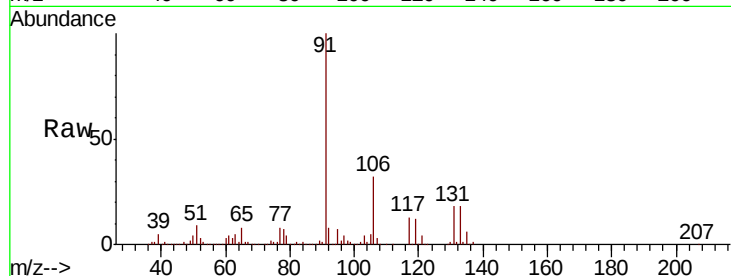




#67
Ethyl Benzene
Concen: 54.79 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

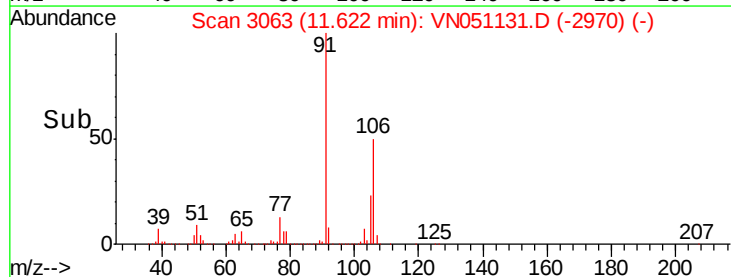
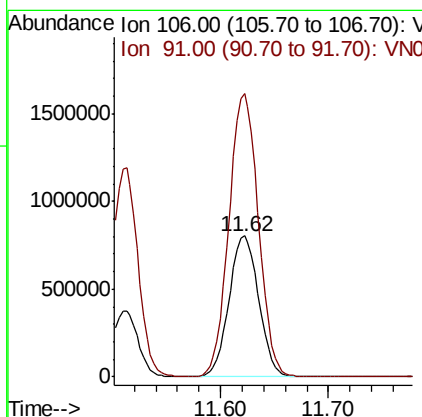
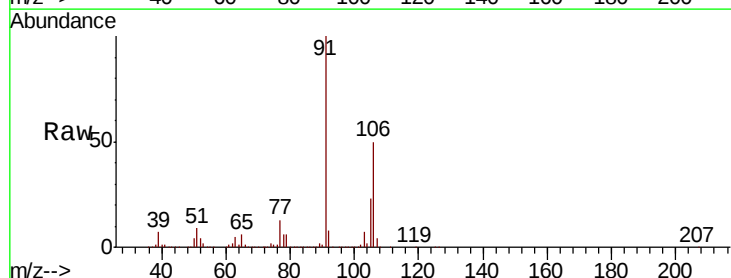
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-DMSD

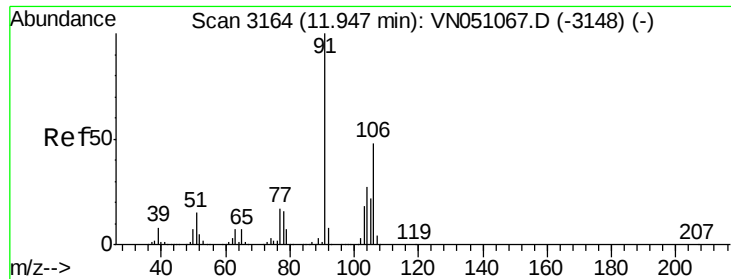
Tot Ion: 91 Resp: 1992074
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.2



#68
m/p-Xylenes
Concen: 109.52 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

Tgt Ion: 106 Resp: 1530014
Ion Ratio Lower Upper
106 100
91 200.2 159.8 239.6

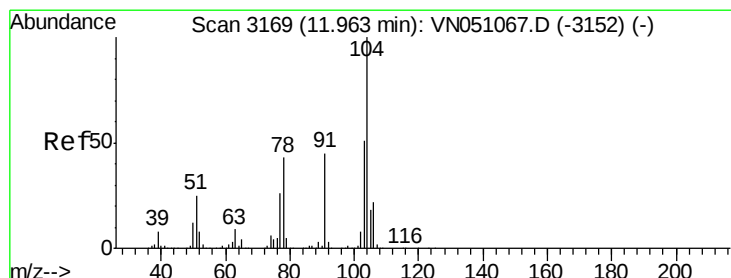
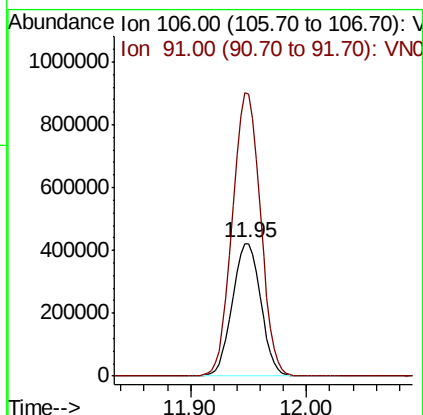
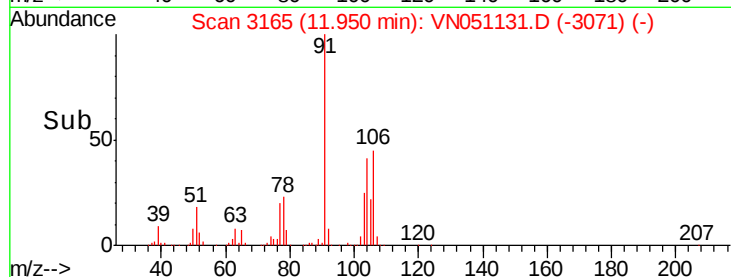
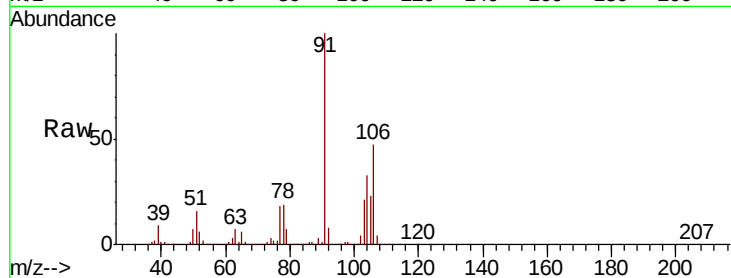




#69
o-Xylene
Concen: 52.76 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

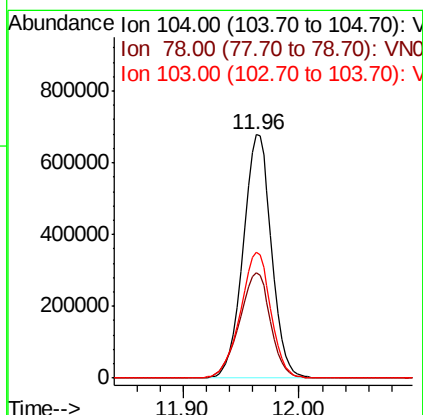
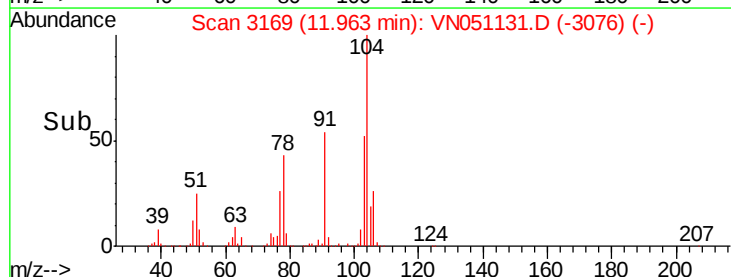
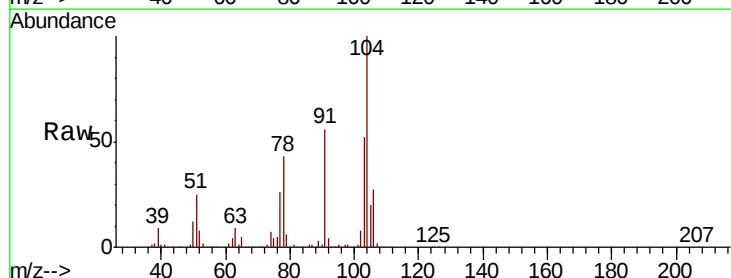
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMSD

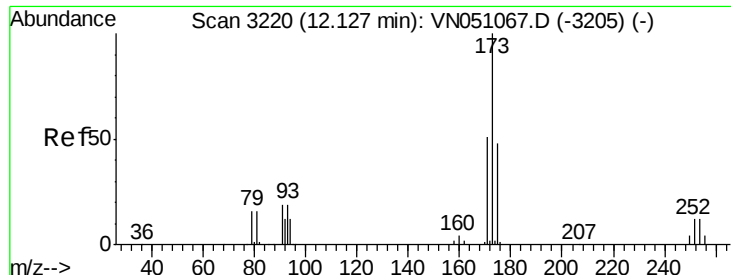
Tot Ion:106 Resp: 713733
Ion Ratio Lower Upper
106 100
91 211.2 105.1 315.1



#70
Styrene
Concen: 54.88 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

Tgt Ion:104 Resp: 1151657
Ion Ratio Lower Upper
104 100
78 47.5 37.7 56.5
103 55.5 44.6 67.0

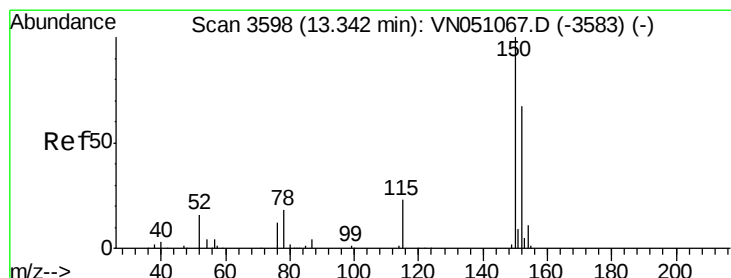
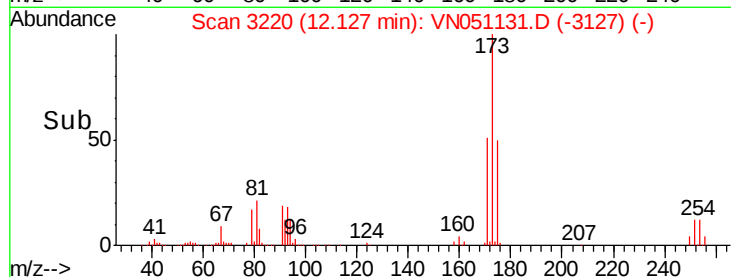
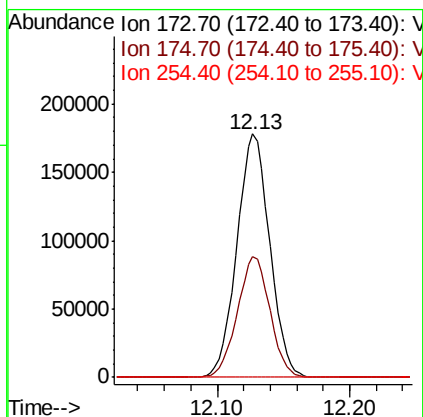
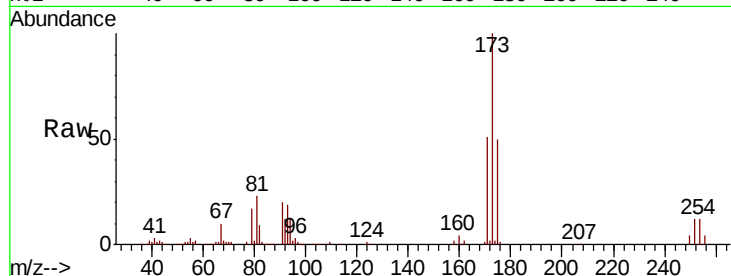




#71
Bromoform
Concen: 53.85 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

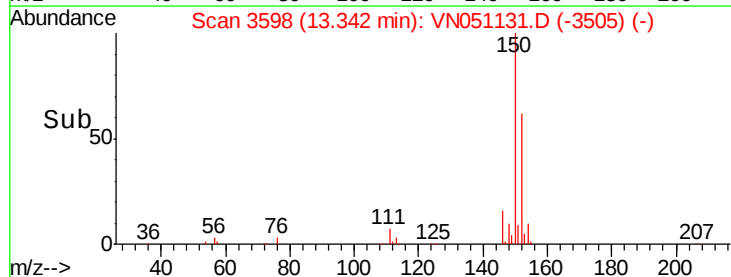
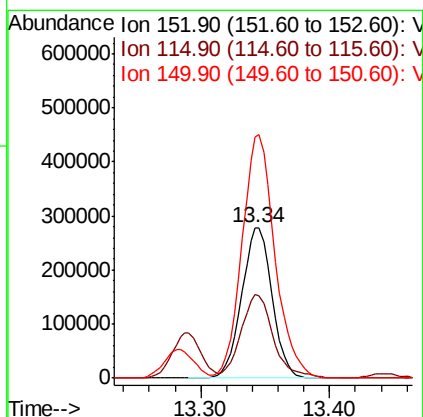
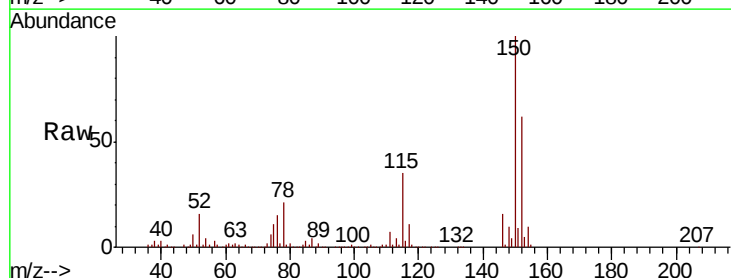
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMSD

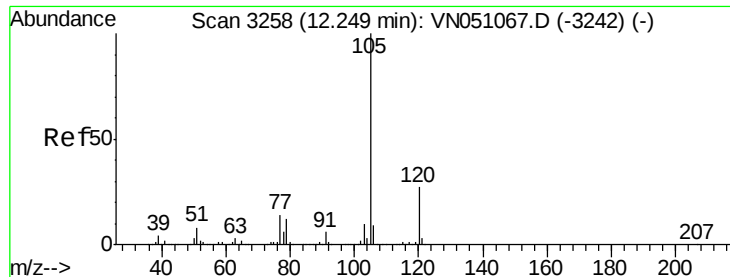
Tot Ion:173 Resp: 306458
Ion Ratio Lower Upper
173 100
175 49.1 24.3 72.9
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

Tgt Ion:152 Resp: 454410
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.7
150 175.6 0.0 349.0





#73

Isopropylbenzene

Concen: 73.39 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

Instrument :

MSVOA_N

ClientSampleId :

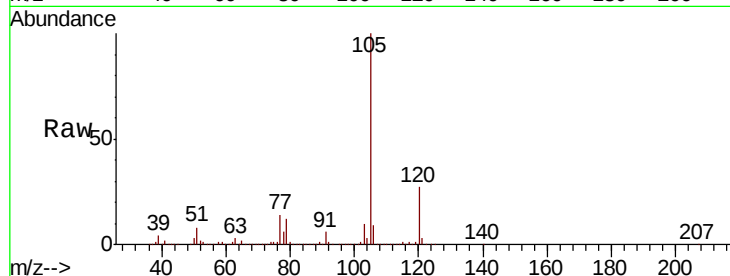
EP1-MW-DMSD

Tot Ion:105 Resp: 2796650

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

2000000 Ion 120.00 (119.70 to 120.70): V

1500000

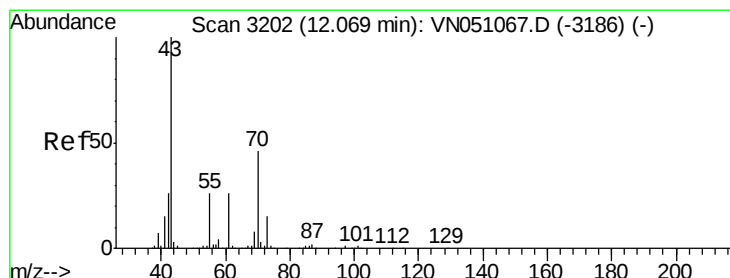
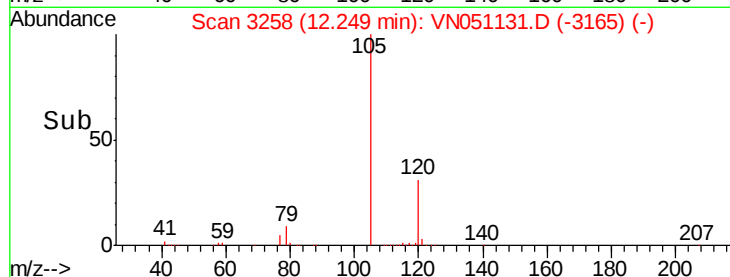
1000000

500000

0

12.20 12.30

Time-->



#74

N-ethyl acetate

Concen: 57.54 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

Tgt Ion: 43 Resp: 551836

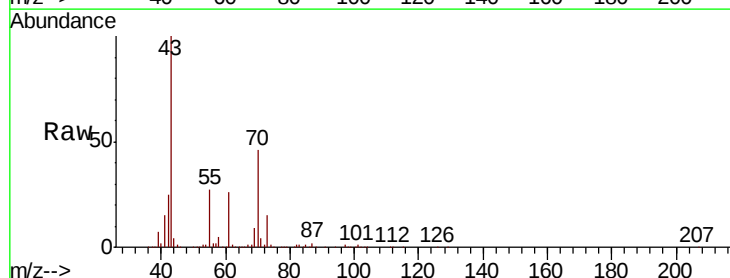
Ion Ratio Lower Upper

43 100

70 45.7 37.0 55.4

55 27.5 21.3 31.9

61 25.6 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): V

500000 Ion 70.00 (69.70 to 70.70): V

400000 Ion 55.00 (54.70 to 55.70): V

300000 Ion 61.00 (60.70 to 61.70): V

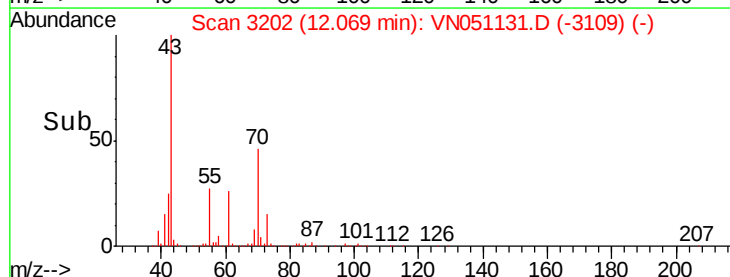
200000

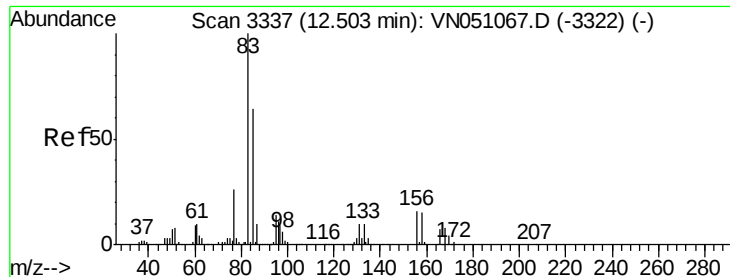
100000

0

12.00 12.05 12.10 12.15

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 56.61 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMSD

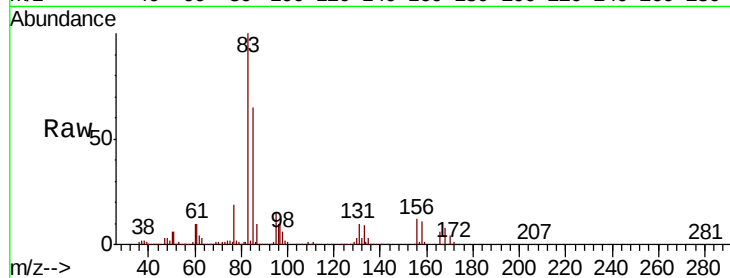
Tot Ion: 83 Resp: 493131

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

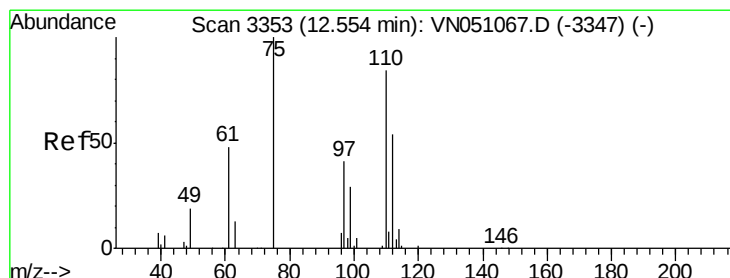
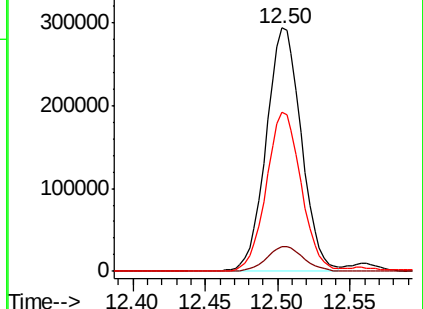
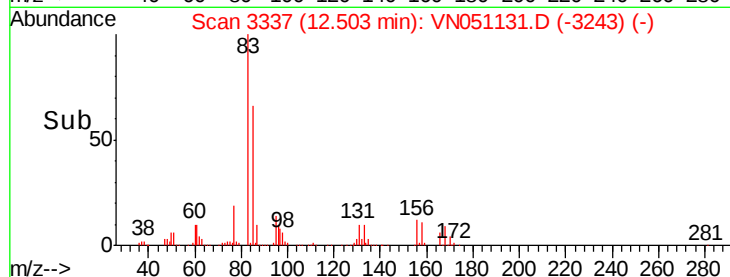
85 64.7 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN051131.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN051131.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN051131.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 84.11 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051131.D

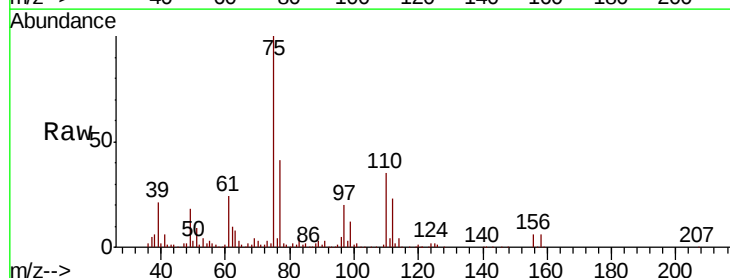
Acq: 11 Sep 2018 16:51

Tgt Ion: 75 Resp: 585378

Ion Ratio Lower Upper

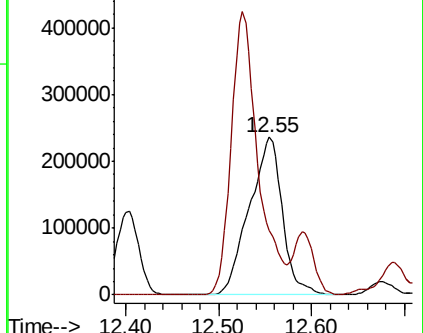
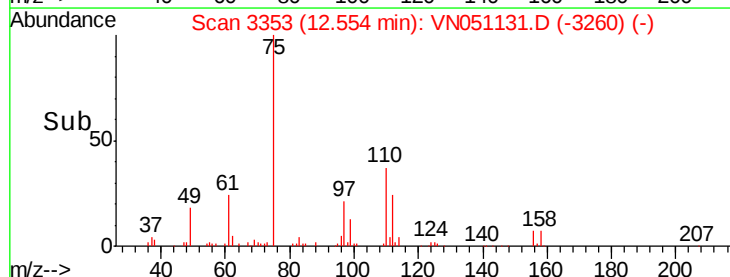
75 100

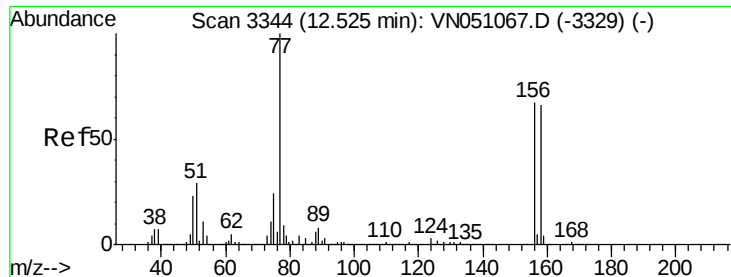
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN051131.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN051131.D (-3260) (-)

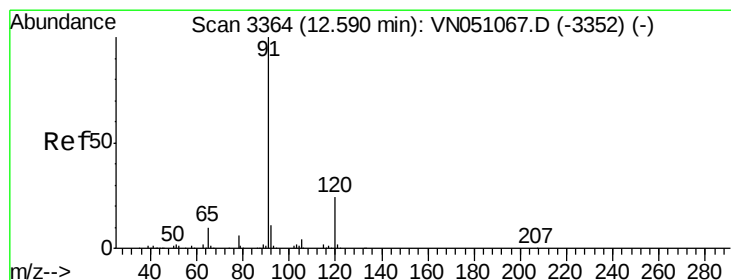
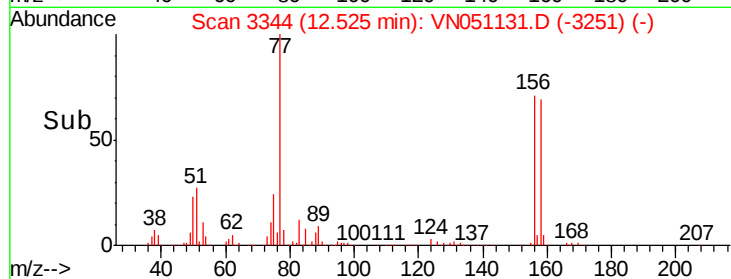
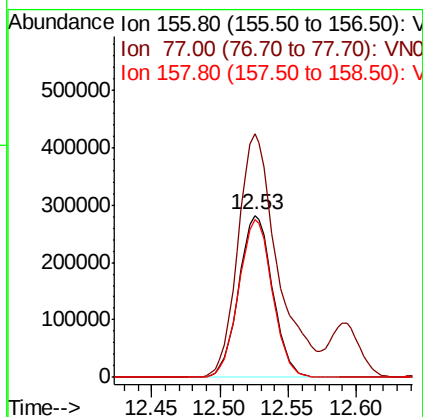
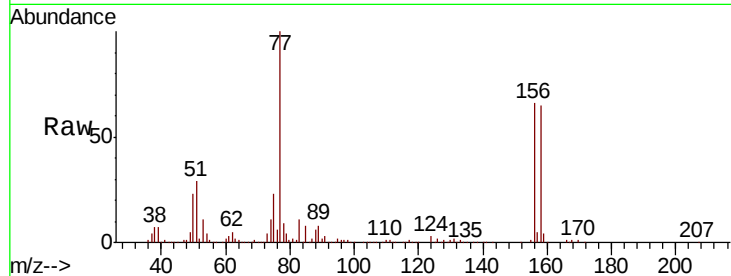




#77
Bromobenzene
Concen: 47.28 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

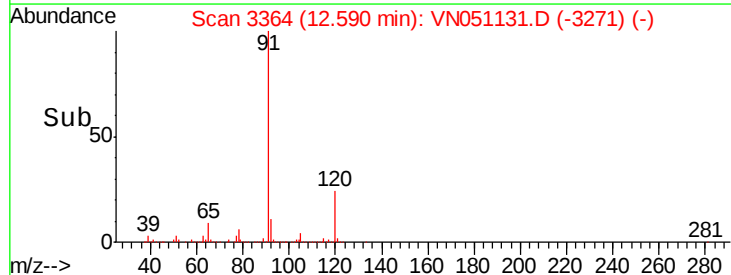
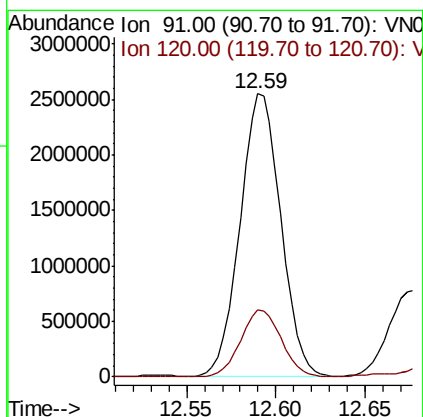
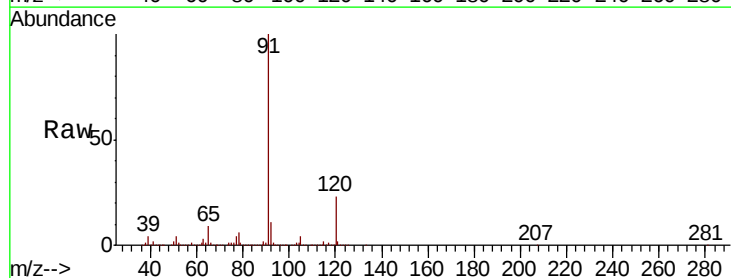
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMSD

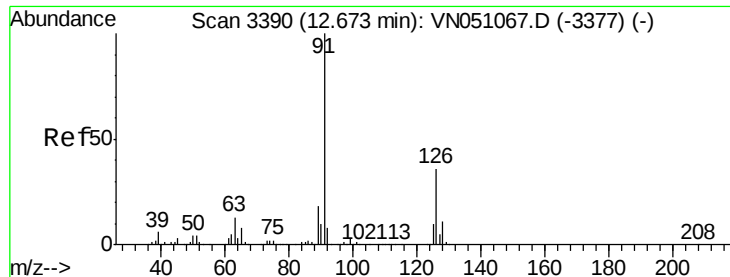
Tot Ion:156 Resp: 483940
Ion Ratio Lower Upper
156 100
77 177.5 87.5 262.6
158 97.1 49.0 147.2



#78
n-propylbenzene
Concen: 97.00 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN051131.D
Acq: 11 Sep 2018 16:51

Tgt Ion: 91 Resp: 4062913
Ion Ratio Lower Upper
91 100
120 23.7 12.0 36.0





#79

2-Chlorotoluene

Concen: 50.74 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

Instrument :

MSVOA_N

ClientSampleId :

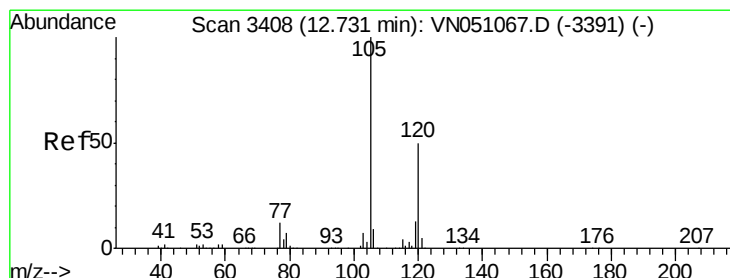
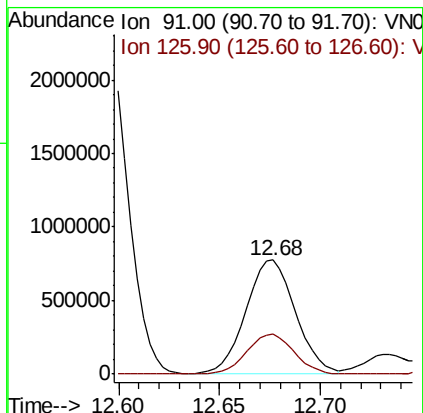
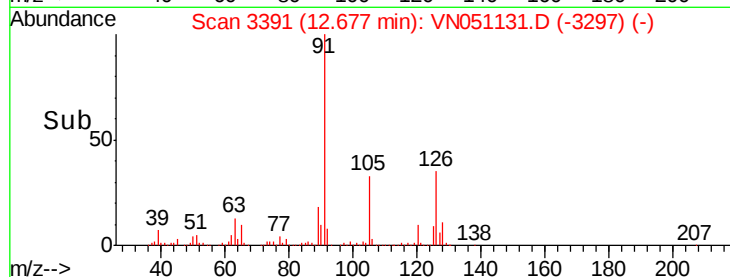
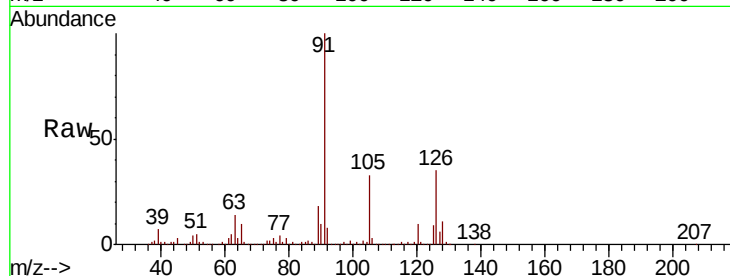
EP1-MW-DMSD

Tot Ion: 91 Resp: 1328409

Ion Ratio Lower Upper

91 100

126 33.7 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 68.64 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051131.D

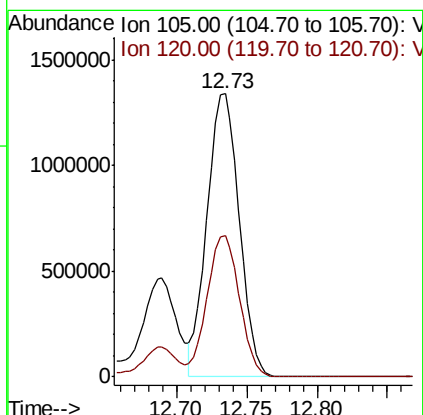
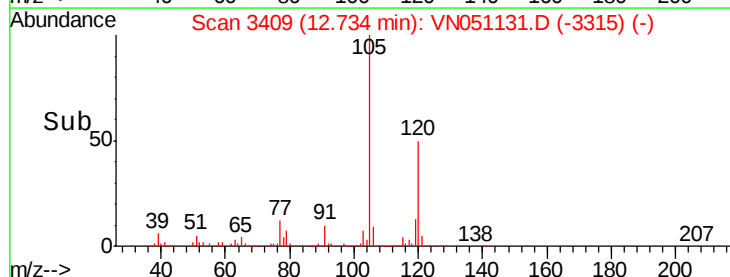
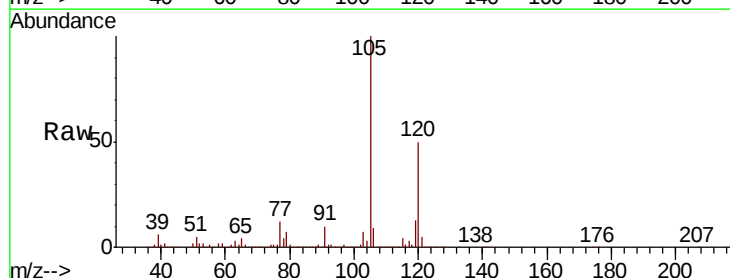
Acq: 11 Sep 2018 16:51

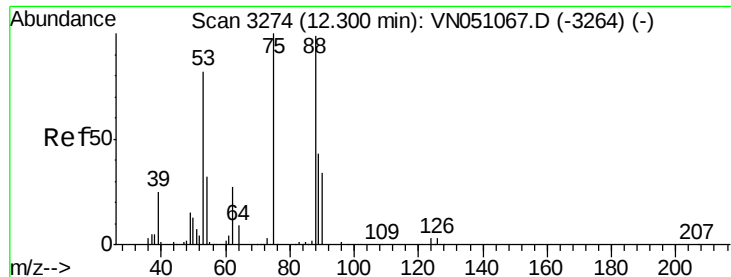
Tgt Ion: 105 Resp: 2114868

Ion Ratio Lower Upper

105 100

120 50.6 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 49.31 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMSD

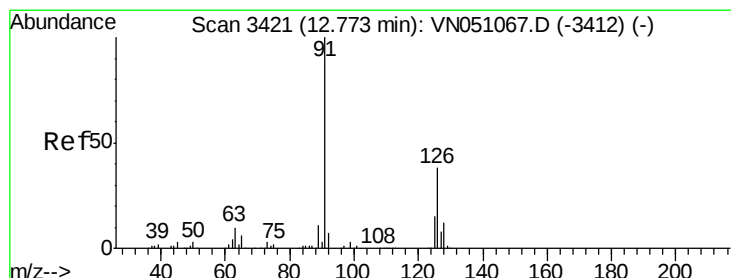
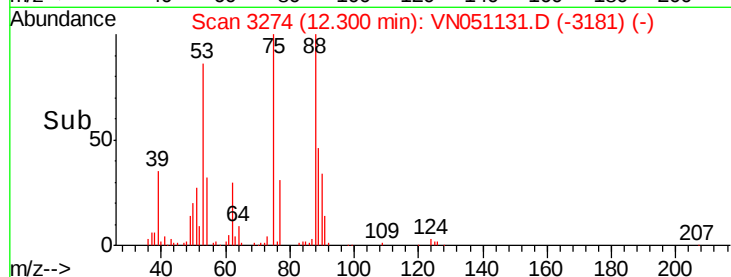
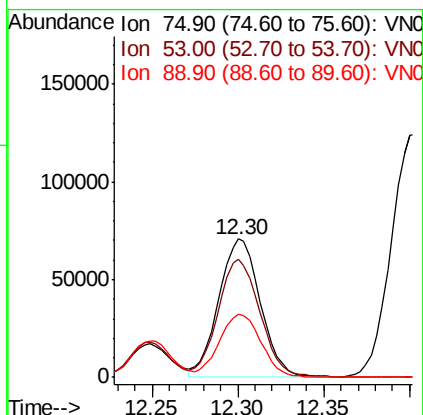
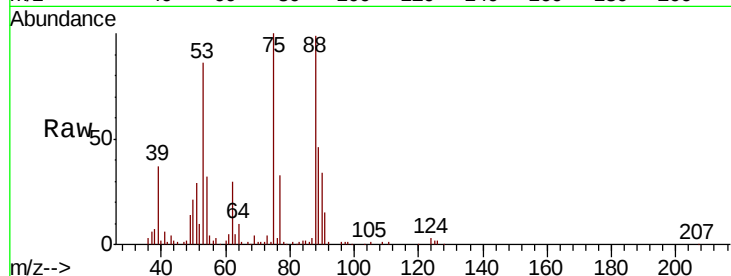
Tot Ion: 75 Resp: 117974

Ion Ratio Lower Upper

75 100

53 86.7 67.8 101.8

89 46.5 36.0 54.0



#82

4-Chlorotoluene

Concen: 47.83 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051131.D

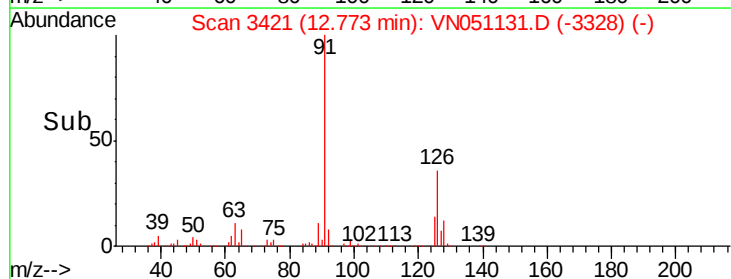
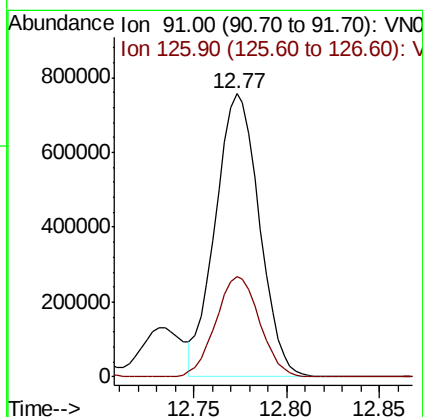
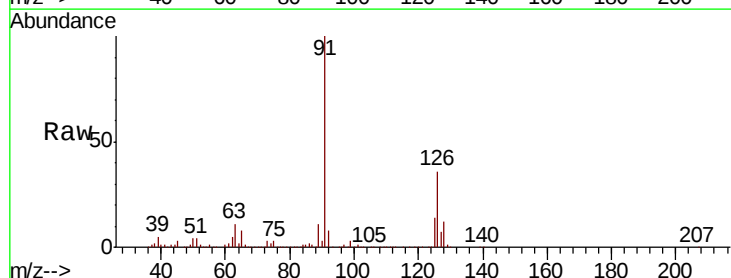
Acq: 11 Sep 2018 16:51

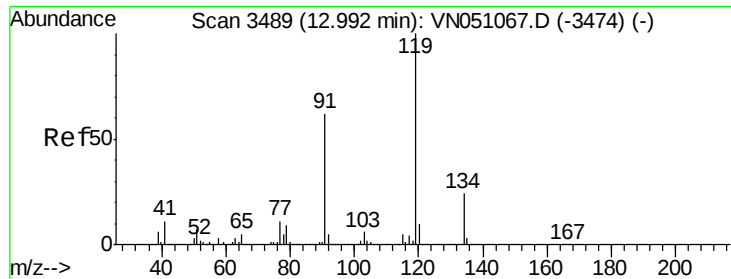
Tgt Ion: 91 Resp: 1242981

Ion Ratio Lower Upper

91 100

126 35.7 17.6 52.8

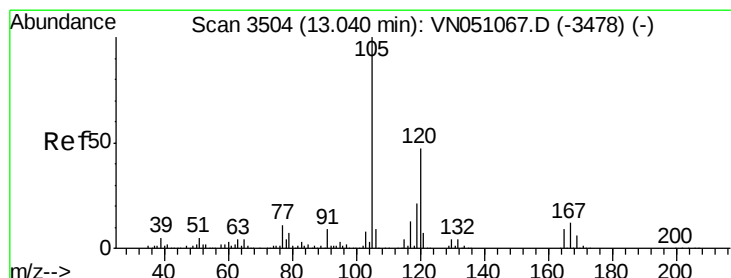
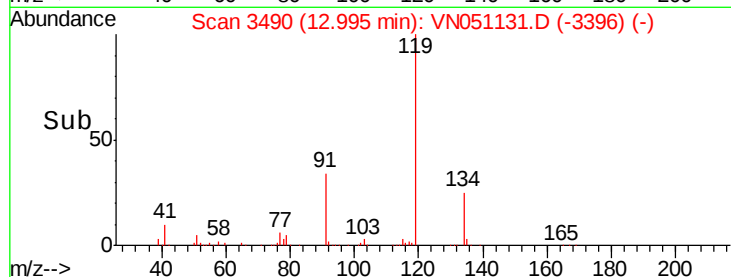
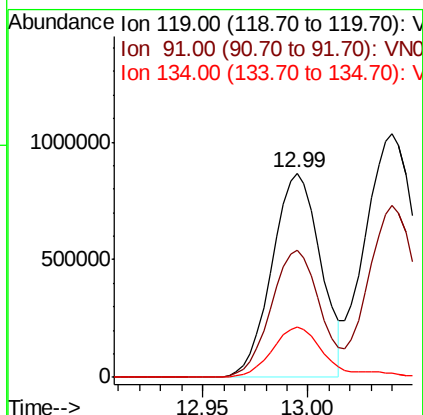
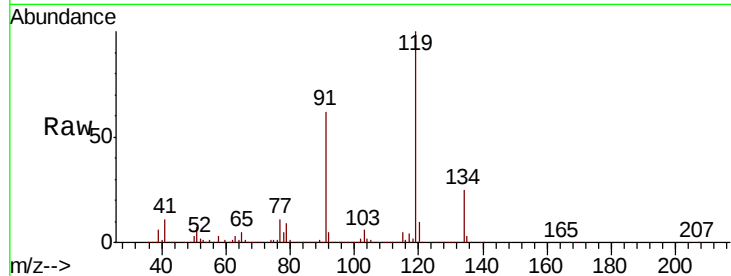




#83
 tert-Butylbenzene
 Concen: 51.07 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051131.D
 Acq: 11 Sep 2018 16:51

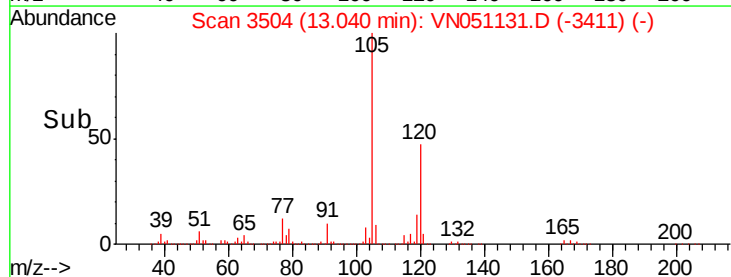
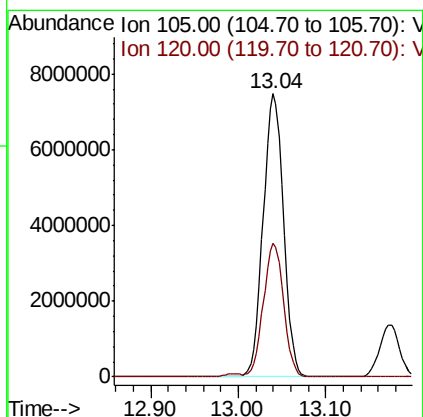
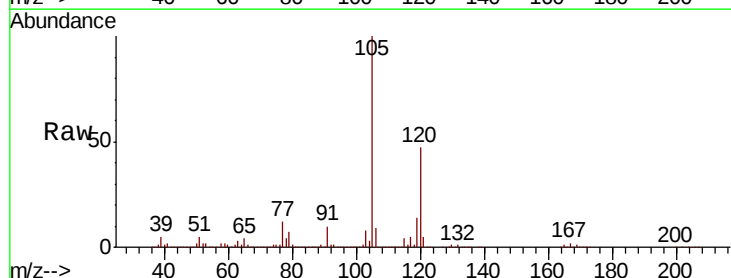
Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-DMSD

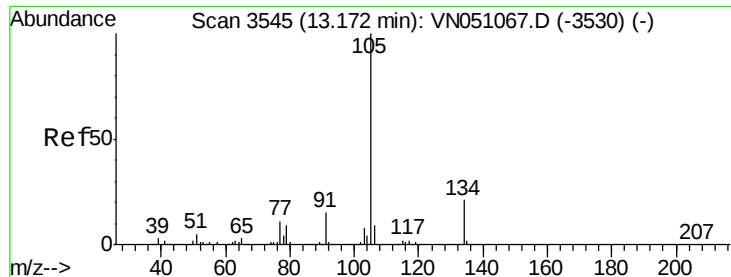
Tot Ion:119 Resp: 1389007
 Ion Ratio Lower Upper
 119 100
 91 63.8 30.8 92.3
 134 27.2 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 397.10 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051131.D
 Acq: 11 Sep 2018 16:51

Tgt Ion:105 Resp:12029726
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.3 69.8





#85

sec-Butylbenzene

Concen: 62.25 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

Instrument :

MSVOA_N

ClientSampleId :

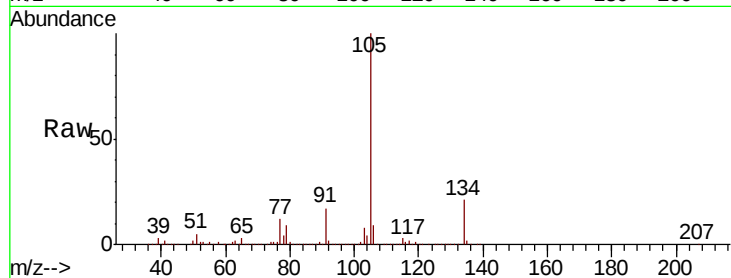
EP1-MW-DMSD

Tot Ion:105 Resp: 2171464

Ion Ratio Lower Upper

105 100

134 22.6 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

1500000

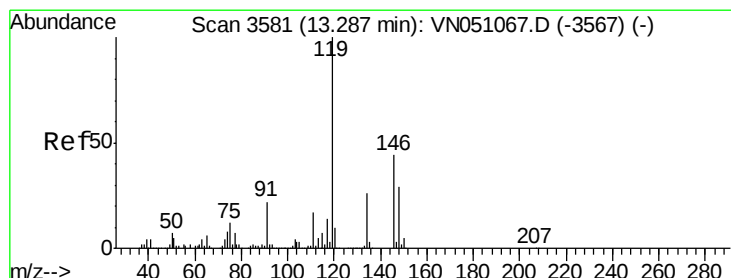
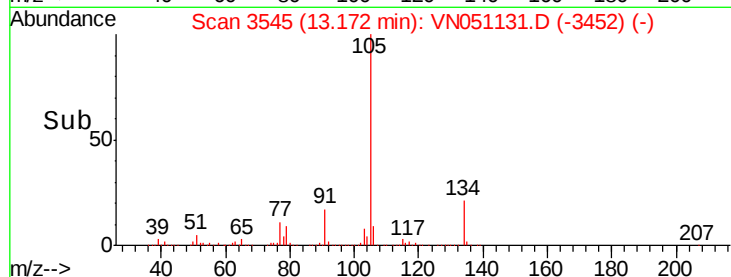
1000000

500000

0

Time-->

13.10 13.15 13.20 13.25



#86

p-Isopropyltoluene

Concen: 61.94 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

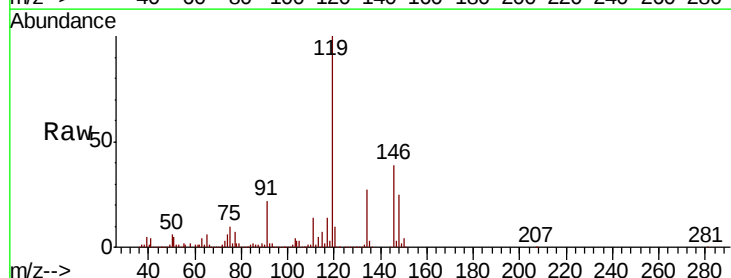
Tgt Ion:119 Resp: 1832023

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 21.9 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

1500000

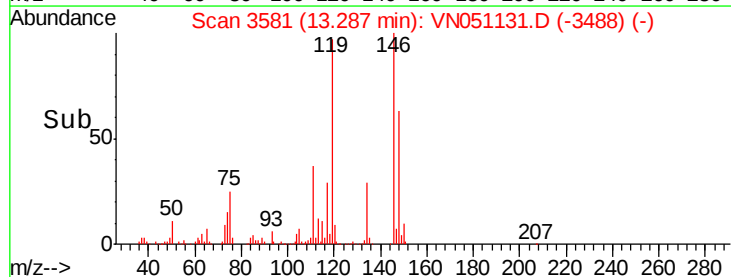
1000000

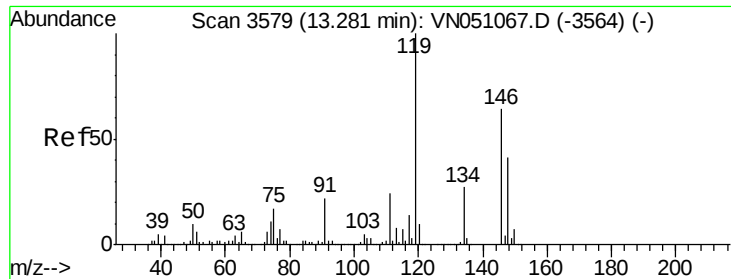
500000

0

Time-->

13.25 13.30 13.35

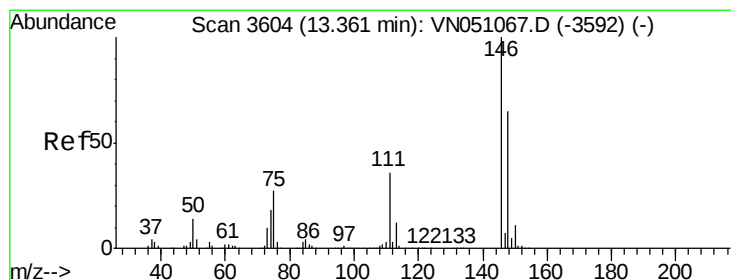
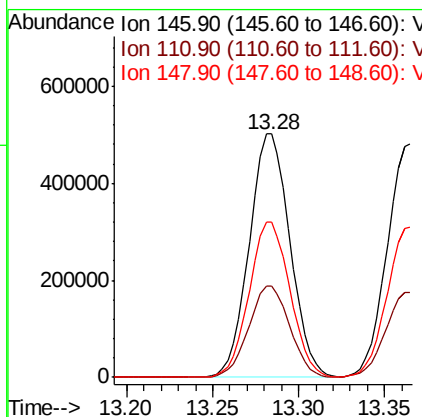
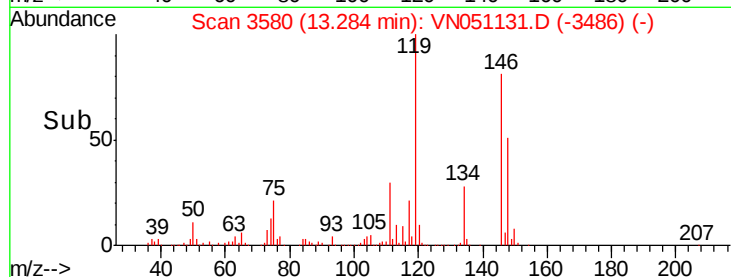
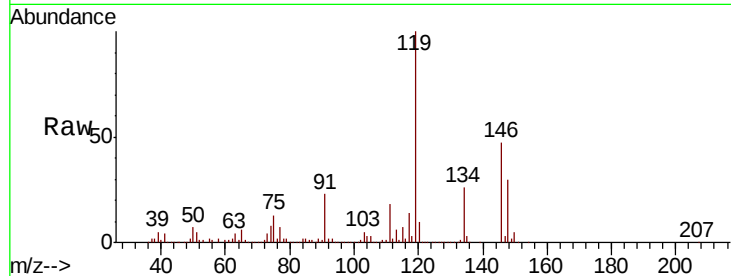




#87
 1,3-Dichlorobenzene
 Concen: 47.55 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN051131.D
 Acq: 11 Sep 2018 16:51

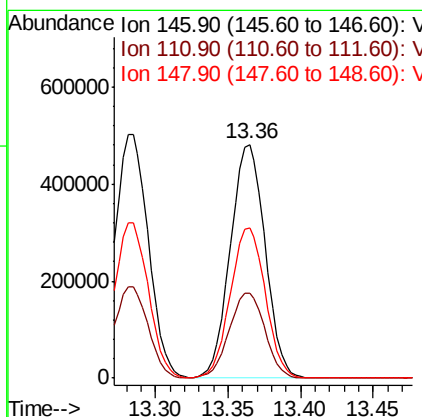
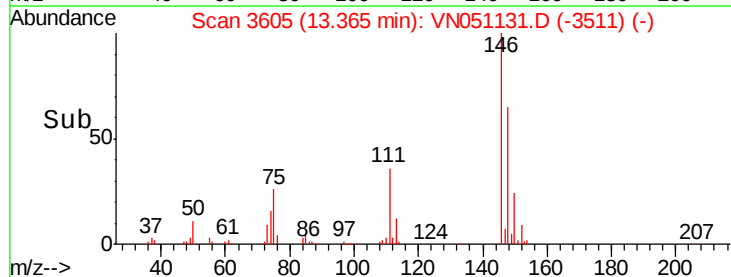
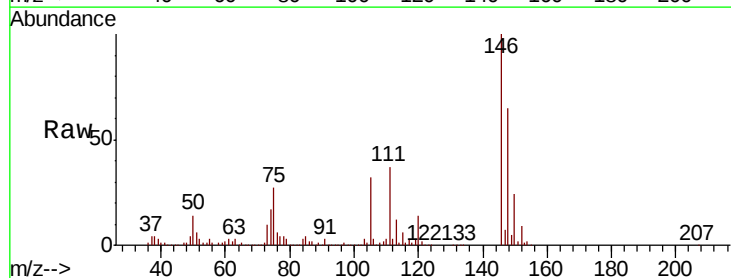
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMSD

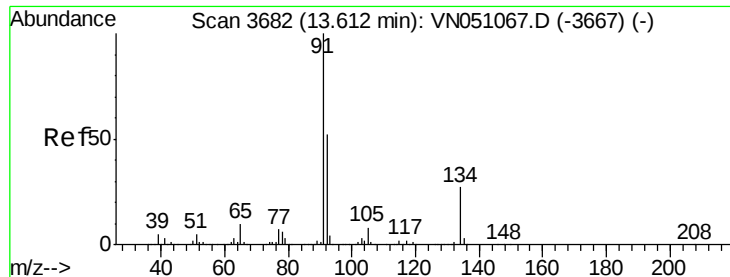
Tot Ion:146 Resp: 825803
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.1 57.1
 148 64.0 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 50.28 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051131.D
 Acq: 11 Sep 2018 16:51

Tgt Ion:146 Resp: 801621
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.4 55.0
 148 64.7 32.2 96.6





#89

n-Butylbenzene

Concen: 63.48 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMSD

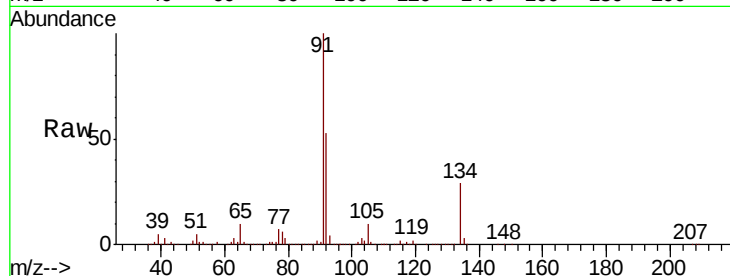
Tot Ion: 91 Resp: 1461276

Ion Ratio Lower Upper

91 100

92 51.4 26.2 78.6

134 34.6 13.7 41.1

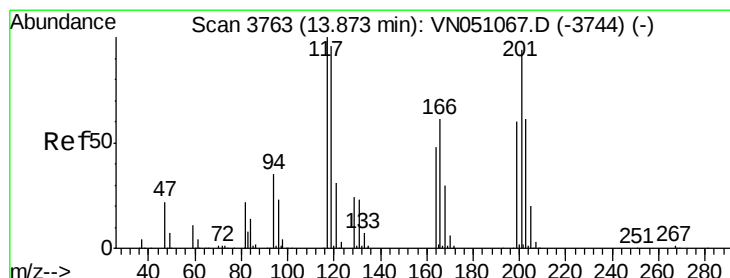
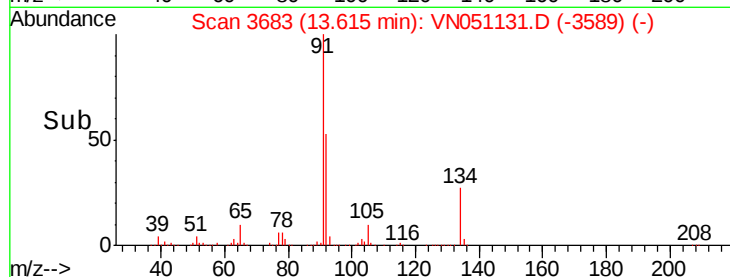
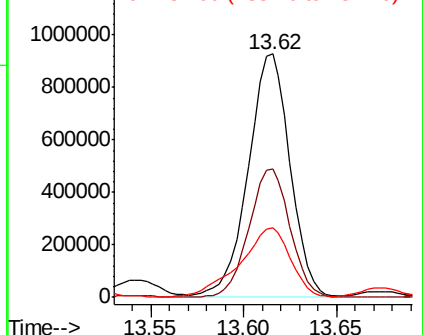


Abundance

Ion 91.00 (90.70 to 91.70): VN051067.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN051067.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN051067.D (-3667) (-)



#90

Hexachloroethane

Concen: 58.78 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN051131.D

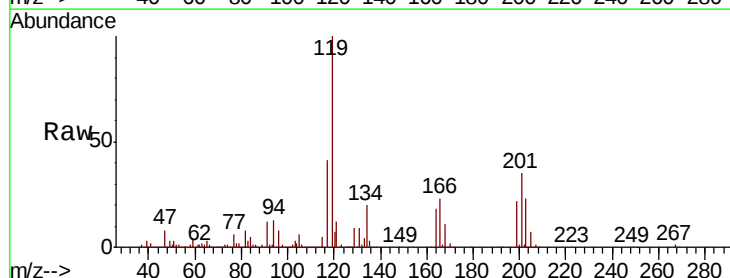
Acq: 11 Sep 2018 16:51

Tgt Ion: 117 Resp: 315948

Ion Ratio Lower Upper

117 100

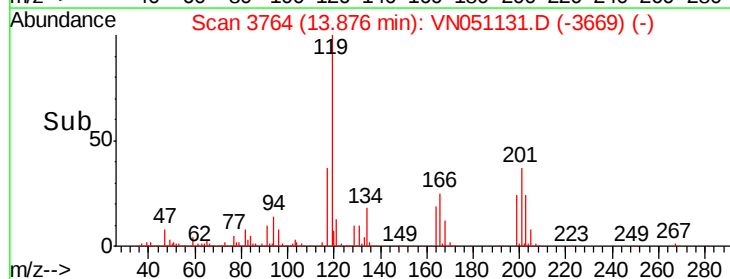
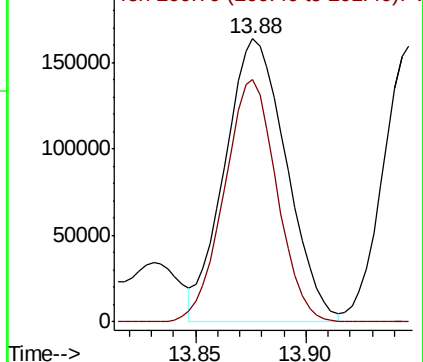
201 73.4 47.3 142.0

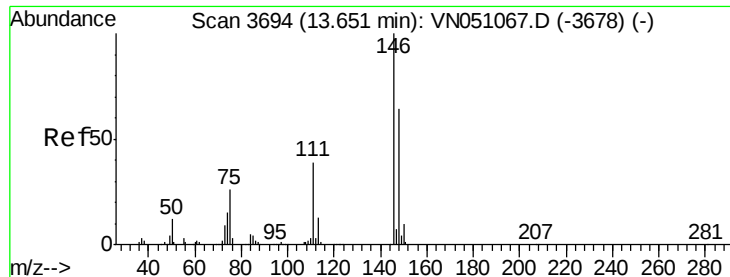


Abundance

Ion 116.80 (116.50 to 117.50): VN051067.D (-3744) (-)

Ion 200.70 (200.40 to 201.40): VN051067.D (-3744) (-)





#91

1,2-Dichlorobenzene

Concen: 47.73 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMSD

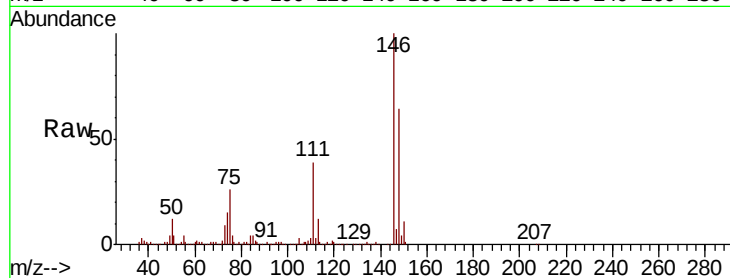
Tot Ion:146 Resp: 807755

Ion Ratio Lower Upper

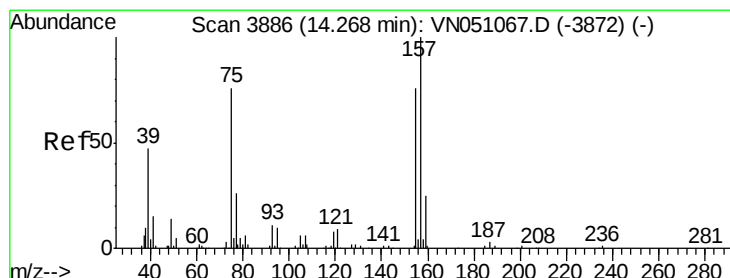
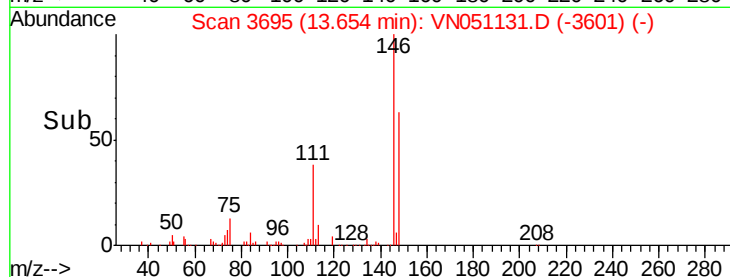
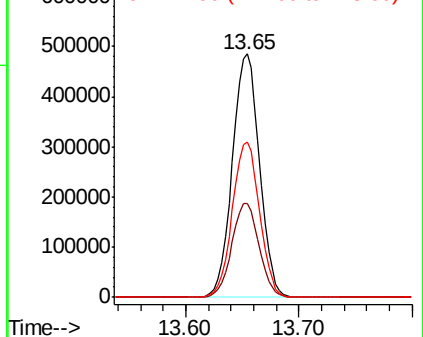
146 100

111 38.7 19.7 59.0

148 64.0 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: 59.49 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

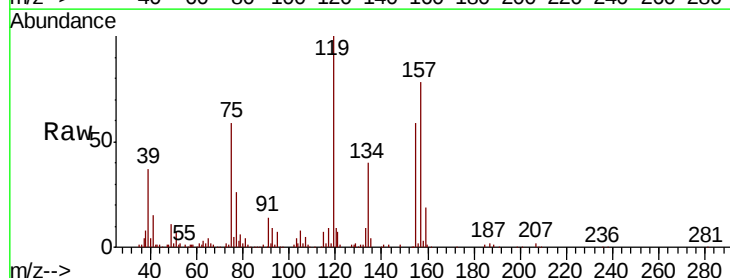
Tgt Ion: 75 Resp: 77600

Ion Ratio Lower Upper

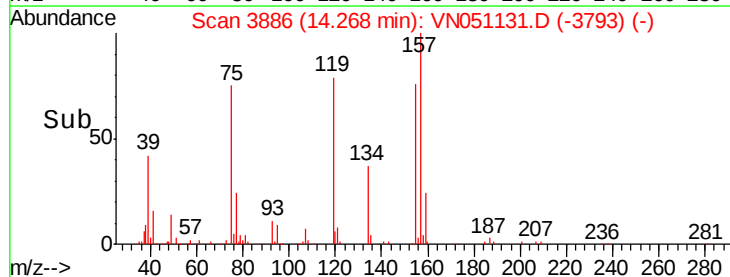
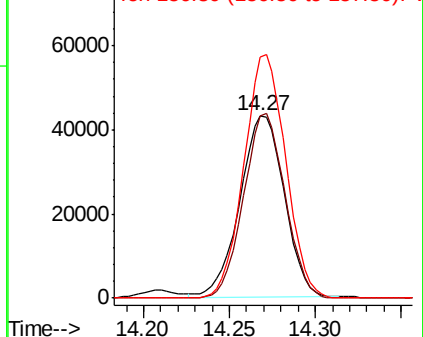
75 100

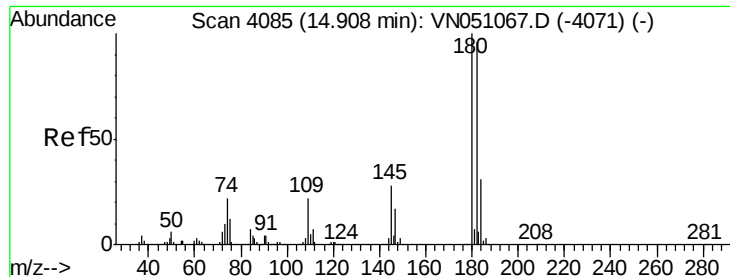
155 94.2 48.7 146.1

157 125.5 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

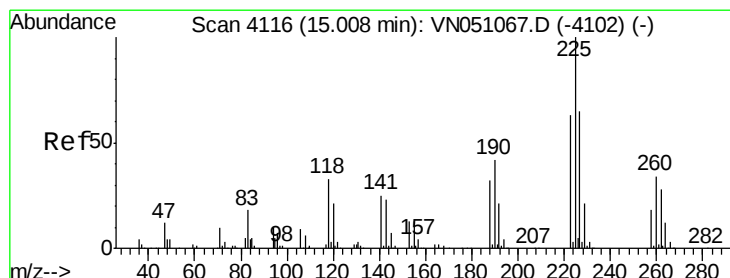
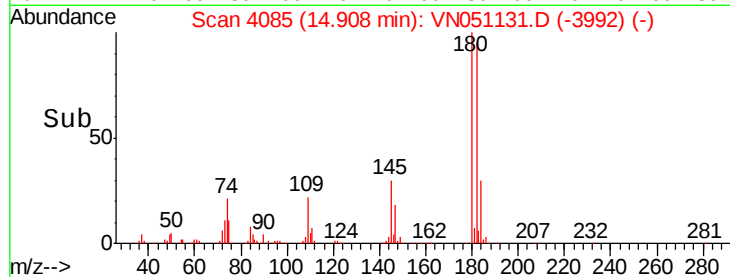
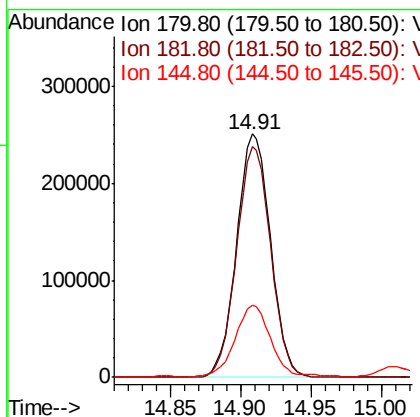
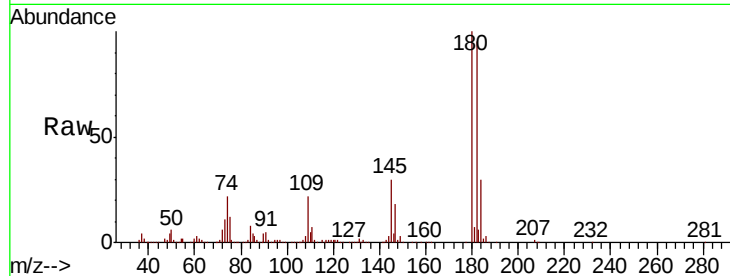




#93
 1,2,4-Trichlorobenzene
 Concen: 51.52 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051131.D
 Acq: 11 Sep 2018 16:51

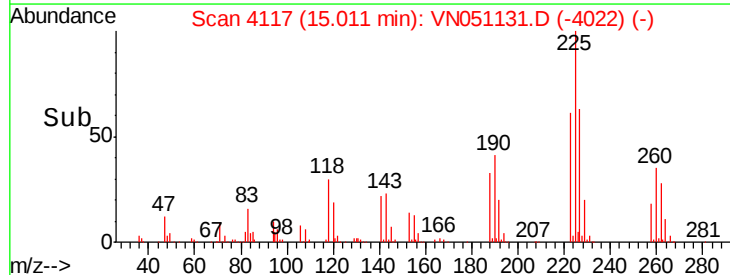
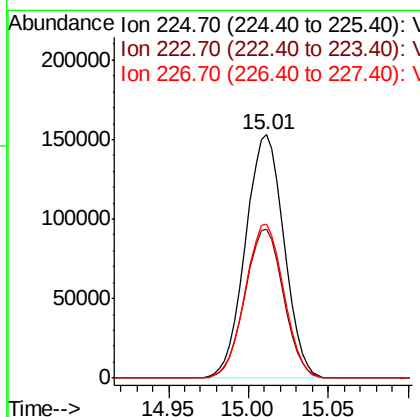
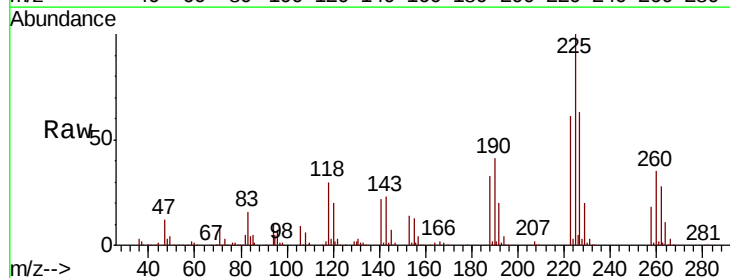
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMSD

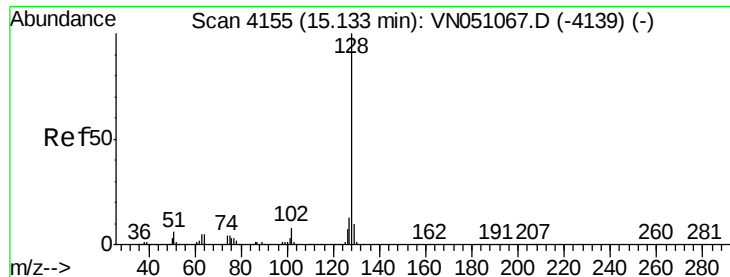
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	141.8
145	30.9	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 51.16 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051131.D
 Acq: 11 Sep 2018 16:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	31.4	94.0
227	63.3	32.1	96.3





#95

Naphthalene

Concen: 55.78 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMSD

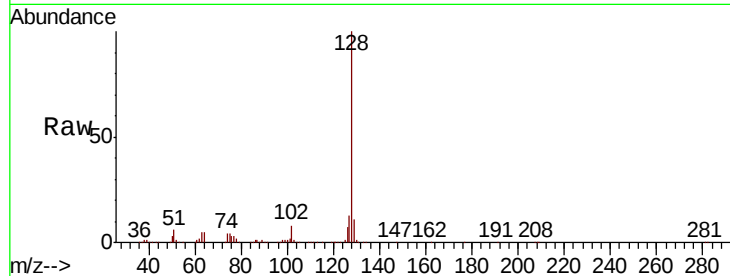
Tot Ion:128 Resp: 964844

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

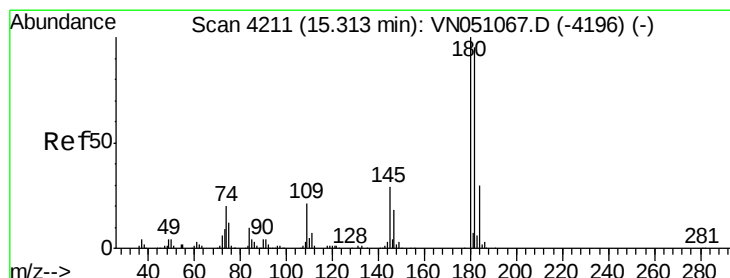
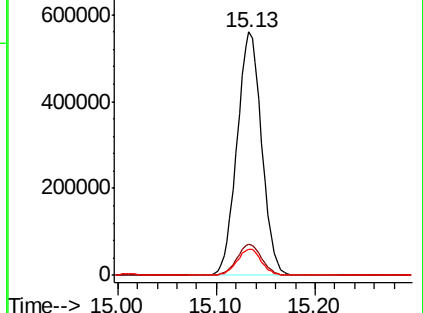
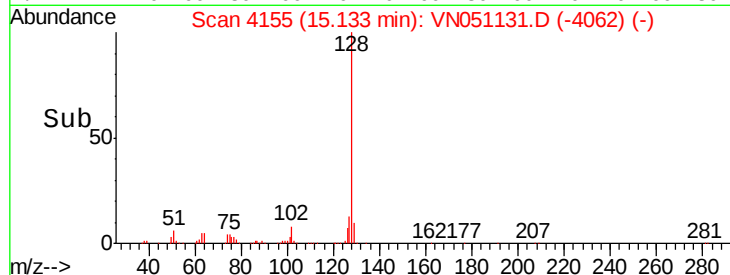
129 10.7 8.6 12.8



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: 53.21 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051131.D

Acq: 11 Sep 2018 16:51

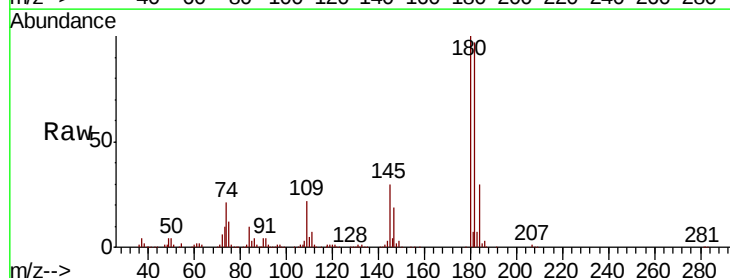
Tgt Ion:180 Resp: 417296

Ion Ratio Lower Upper

180 100

182 95.4 47.8 143.3

145 29.9 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

