

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051130.D
 Acq On : 11 Sep 2018 16:26
 Operator : MD\SY
 Sample : J4849-05MS 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMS

Quant Time: Sep 12 01:06:29 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	675666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	977220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	891244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	457035	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	387706	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
35) Dibromofluoromethane	7.59	113	371345	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
50) Toluene-d8	10.09	98	1409841	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.40	95	472732	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	289459	44.42	ug/l	98
3) Chloromethane	2.06	50	372006	44.15	ug/l	99
4) Vinyl Chloride	2.18	62	402746	45.03	ug/l	98
5) Bromomethane	2.55	94	157733	30.88	ug/l	100
6) Chloroethane	2.70	64	246324	44.62	ug/l	100
7) Trichlorofluoromethane	3.01	101	547554	46.20	ug/l	98
8) Diethyl Ether	3.41	74	221238	50.76	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	351233	45.97	ug/l	99
10) Methyl Iodide	3.95	142	210351	31.76	ug/l	99
11) Tert butyl alcohol	4.80	59	174912	304.55	ug/l	99
12) 1,1-Dichloroethene	3.73	96	331509	46.00	ug/l	99
13) Acrolein	3.61	56	171016	244.54	ug/l	99
14) Allyl chloride	4.32	41	526196	47.92	ug/l	99
15) Acrylonitrile	4.99	53	706474	277.61	ug/l	99
16) Acetone	3.82	43	476648	256.53	ug/l	99
17) Carbon Disulfide	4.05	76	981996	46.24	ug/l	99
18) Methyl Acetate	4.33	43	321458	53.39	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	995885	52.27	ug/l	99
20) Methylene Chloride	4.55	84	385074	46.36	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	356649	45.62	ug/l	99
22) Diisopropyl ether	5.96	45	1110249	50.94	ug/l	96
23) Vinyl Acetate	5.90	43	3962406	268.63	ug/l	100
24) 1,1-Dichloroethane	5.85	63	654382	47.32	ug/l	99
25) 2-Butanone	6.84	43	783558	265.05	ug/l	100
26) 2,2-Dichloropropane	6.83	77	524605	46.35	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	414501	48.33	ug/l	99
28) Bromochloromethane	7.20	49	300460	48.81	ug/l	99
29) Tetrahydrofuran	7.22	42	534340	289.44	ug/l	99
30) Chloroform	7.37	83	656760	47.74	ug/l	99
31) Cyclohexane	7.65	56	580781	47.09	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	561075	47.86	ug/l	100
36) 1,1-Dichloropropene	7.79	75	506592	47.22	ug/l	100
37) Ethyl Acetate	6.93	43	350742	56.45	ug/l	100
38) Carbon Tetrachloride	7.78	117	490759	46.48	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051130.D
 Acq On : 11 Sep 2018 16:26
 Operator : MD\SY
 Sample : J4849-05MS 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMS

Quant Time: Sep 12 01:06:29 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)

39) Methylcyclohexane	9.08	83	572592	48.37	ug/l	100
40) Benzene	8.04	78	1551524	47.99	ug/l	100
41) Methacrylonitrile	7.17	41	171222	53.41	ug/l	98
42) 1,2-Dichloroethane	8.13	62	460176	48.83	ug/l	99
43) Isopropyl Acetate	8.17	43	613811	55.98	ug/l #	89
44) Trichloroethene	8.84	130	412002	46.59	ug/l	98
45) 1,2-Dichloropropane	9.12	63	401120	48.02	ug/l	99
46) Dibromomethane	9.21	93	244917	48.05	ug/l	99
47) Bromodichloromethane	9.40	83	504452	48.67	ug/l	98
48) Methyl methacrylate	9.20	41	307390	57.53	ug/l	98
49) 1,4-Dioxane	9.20	88	97559	1164.38	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1748796	288.43	ug/l	100
52) Toluene	10.16	92	962541	48.83	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	522406	50.36	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	597707	49.14	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	369640	51.62	ug/l	99
56) Ethyl methacrylate	10.43	69	499243	51.86	ug/l	98
57) 1,3-Dichloropropane	10.71	76	602168	50.72	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	35219	23.41	ug/l	98
59) 2-Hexanone	10.75	43	1177638	286.40	ug/l	99
60) Dibromochloromethane	10.90	129	401533	49.75	ug/l	99
61) 1,2-Dibromoethane	11.01	107	364794	52.11	ug/l	100
64) Tetrachloroethene	10.63	164	372994	45.86	ug/l	99
65) Chlorobenzene	11.43	112	1070313	47.64	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	390756	48.31	ug/l	100
67) Ethyl Benzene	11.51	91	1939131	53.30	ug/l	100
68) m/p-Xylenes	11.62	106	1484799	106.22	ug/l	100
69) o-Xylene	11.95	106	686687	50.73	ug/l	98
70) Styrene	11.96	104	1114893	53.10	ug/l	100
71) Bromoform	12.13	173	298589	52.43	ug/l #	99
73) Isopropylbenzene	12.25	105	2736503	71.40	ug/l	100
74) N-amyl acetate	12.07	43	529961	54.94	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	484914	55.31	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	562569	80.30	ug/l #	100
77) Bromobenzene	12.53	156	465563	45.22	ug/l	99
78) n-propylbenzene	12.59	91	4001356	94.98	ug/l	99
79) 2-Chlorotoluene	12.68	91	1293572	49.13	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	2091708	67.50	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	118890	49.40	ug/l	100
82) 4-Chlorotoluene	12.77	91	1189021	45.49	ug/l	99
83) tert-Butylbenzene	12.99	119	1331496	48.67	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	11809264	387.59	ug/l	99
85) sec-Butylbenzene	13.17	105	2104897	59.99	ug/l	96
86) p-Isopropyltoluene	13.29	119	1764670	59.32	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	790721	45.27	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	766226	47.78	ug/l	99
89) n-Butylbenzene	13.62	91	1423608	61.49	ug/l	94
90) Hexachloroethane	13.88	117	314138	58.10	ug/l	78
91) 1,2-Dichlorobenzene	13.65	146	771371	45.32	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	73592	56.13	ug/l	99

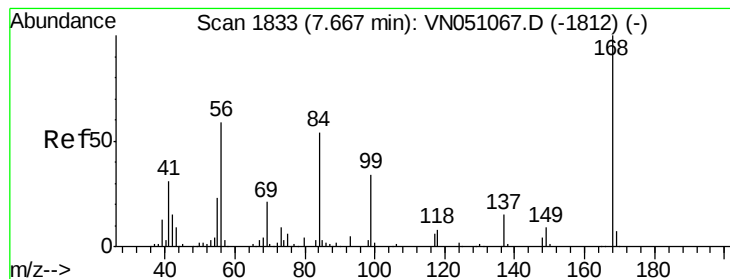
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
Data File : VN051130.D
Acq On : 11 Sep 2018 16:26
Operator : MD\SY
Sample : J4849-05MS 5X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

Quant Time: Sep 12 01:06:29 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)
93) 1,2,4-Trichlorobenzene	14.91	180	400618	48.81	ug/l	98
94) Hexachlorobutadiene	15.01	225	238077	47.93	ug/l	100
95) Naphthalene	15.13	128	901402	52.19	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	394565	50.20	ug/l	99

(#) = 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: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

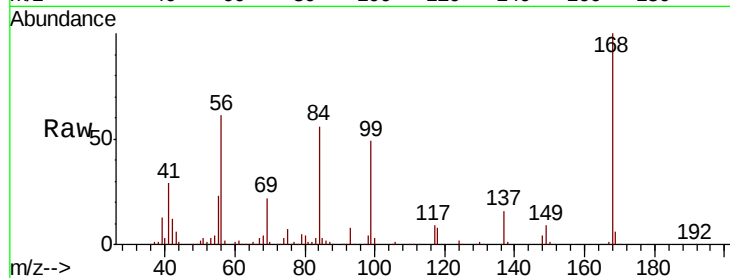
EP1-MW-DMS

Tot Ion:168 Resp: 675666

Ion Ratio Lower Upper

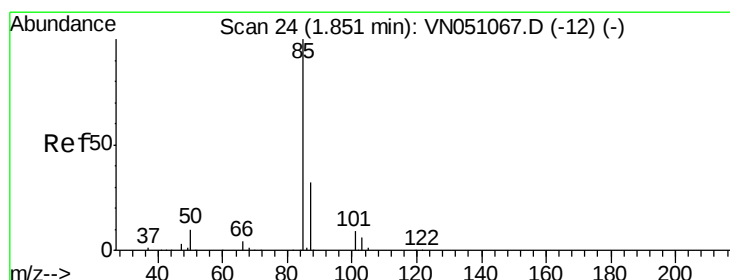
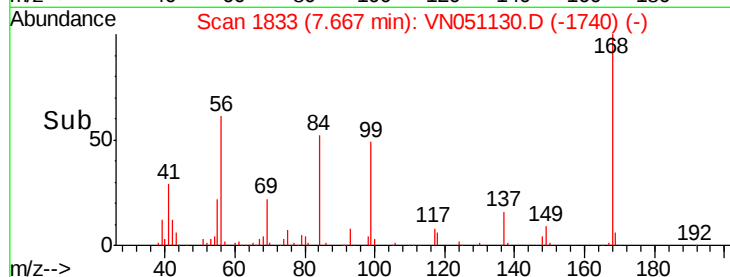
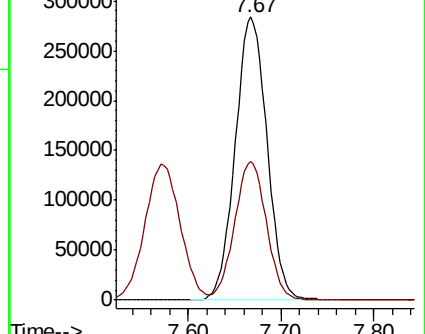
168 100

99 48.8 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 44.42 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051130.D

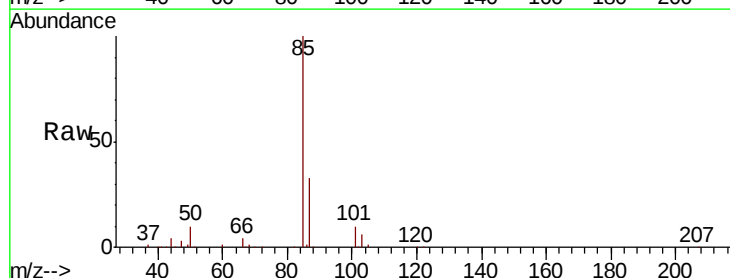
Acq: 11 Sep 2018 16:26

Tgt Ion: 85 Resp: 289459

Ion Ratio Lower Upper

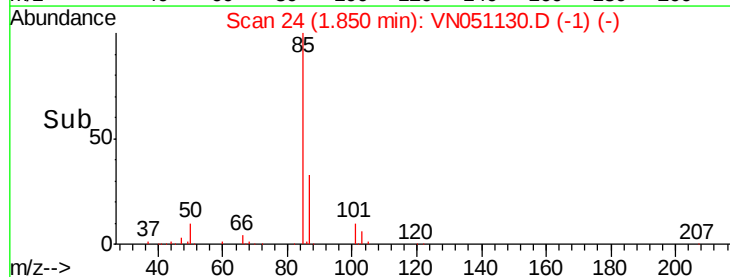
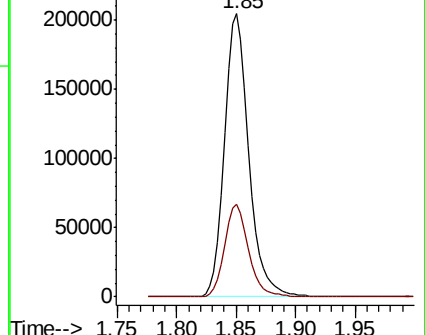
85 100

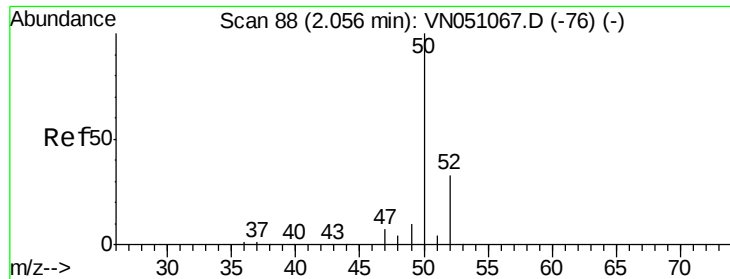
87 32.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 44.15 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

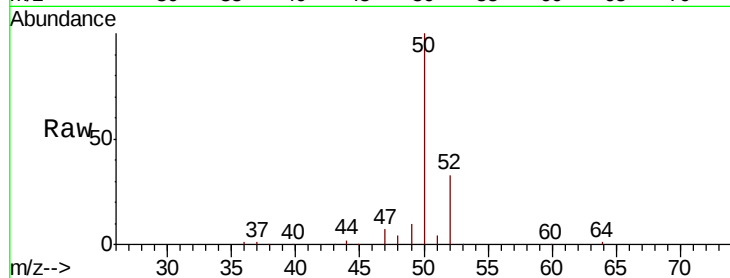
EP1-MW-DMS

Tot Ion: 50 Resp: 372006

Ion Ratio Lower Upper

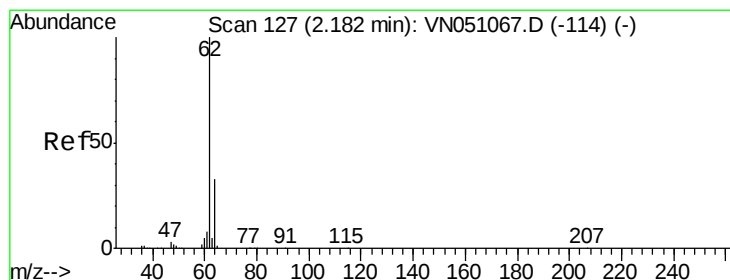
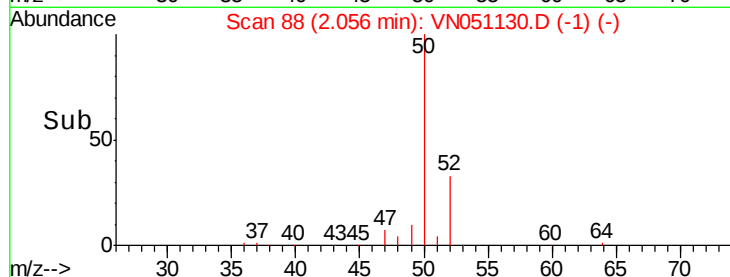
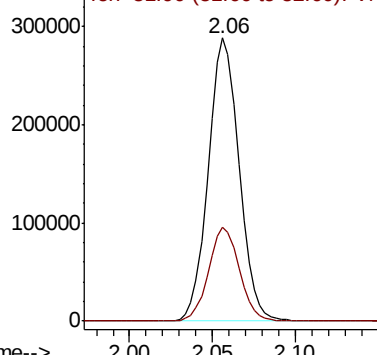
50 100

52 33.2 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 45.03 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN051130.D

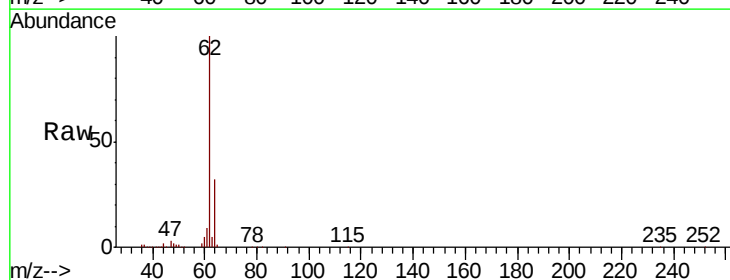
Acq: 11 Sep 2018 16:26

Tgt Ion: 62 Resp: 402746

Ion Ratio Lower Upper

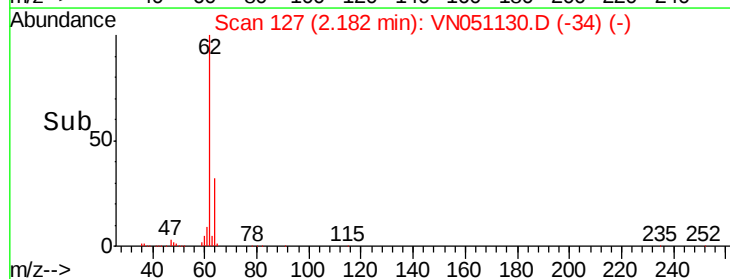
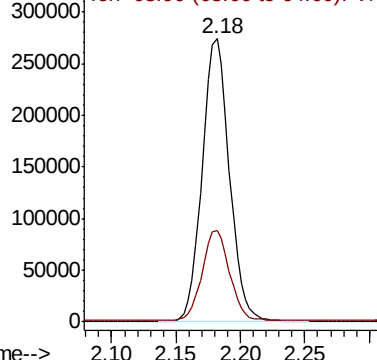
62 100

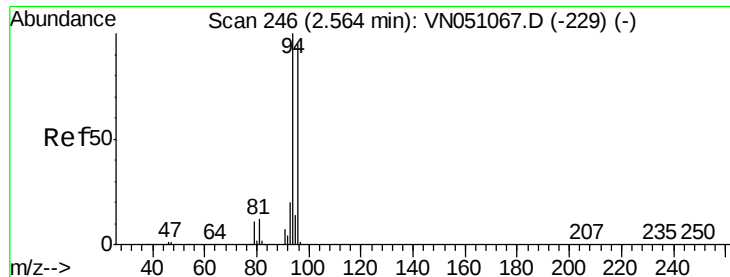
64 31.9 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 30.88 ug/l

RT: 2.55 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

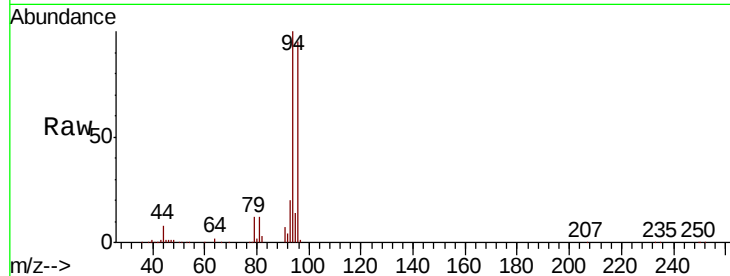
EP1-MW-DMS

Tot Ion: 94 Resp: 157733

Ion Ratio Lower Upper

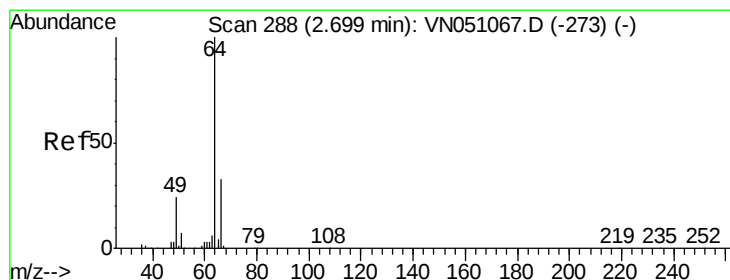
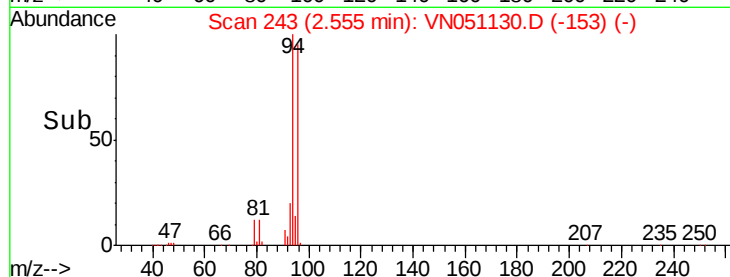
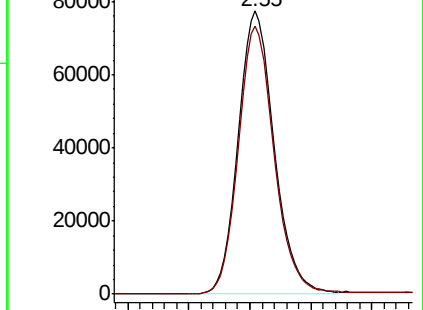
94 100

96 94.7 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN051130.D (-153) (-)

Ion 95.90 (95.60 to 96.60): VN051130.D (-153) (-)



#6

Chloroethane

Concen: 44.62 ug/l

RT: 2.70 min Scan# 287

Delta R.T. -0.00 min

Lab File: VN051130.D

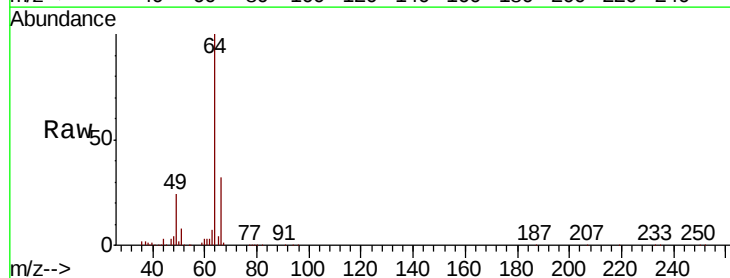
Acq: 11 Sep 2018 16:26

Tgt Ion: 64 Resp: 246324

Ion Ratio Lower Upper

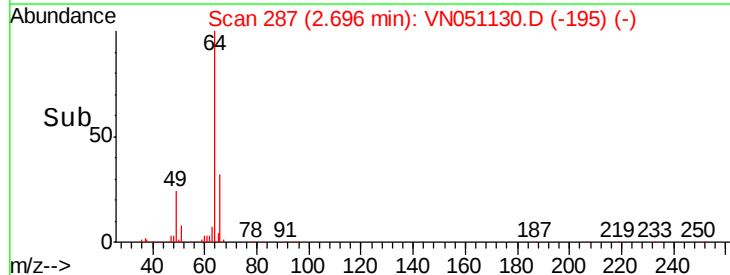
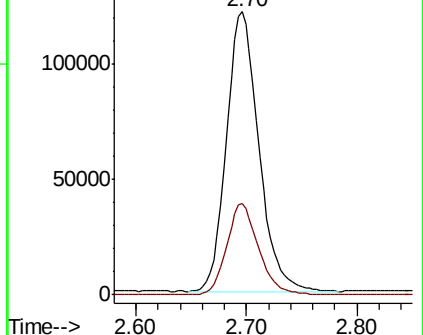
64 100

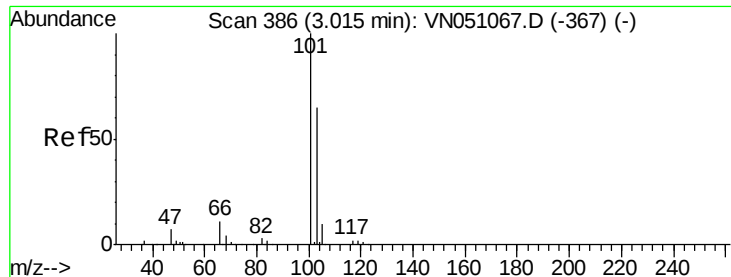
66 32.5 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN051130.D (-195) (-)

Ion 65.90 (65.60 to 66.60): VN051130.D (-195) (-)



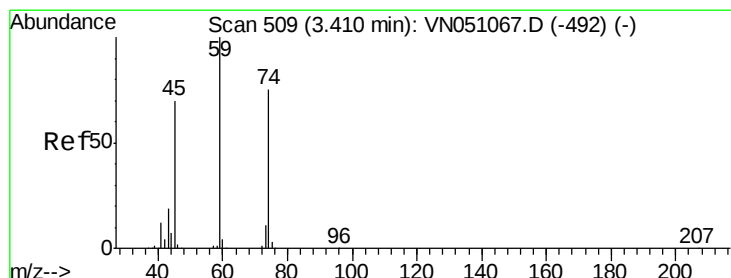
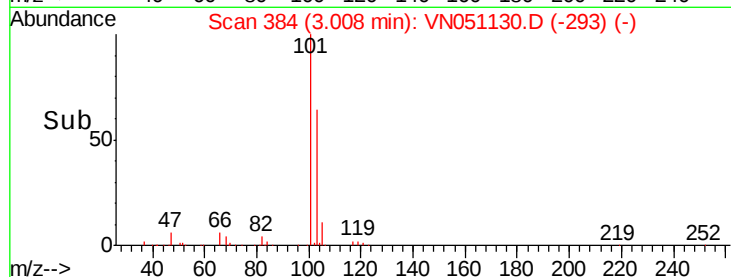
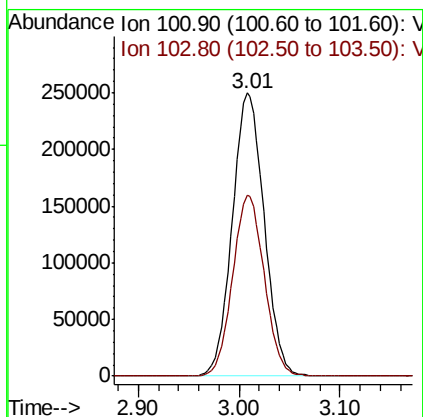
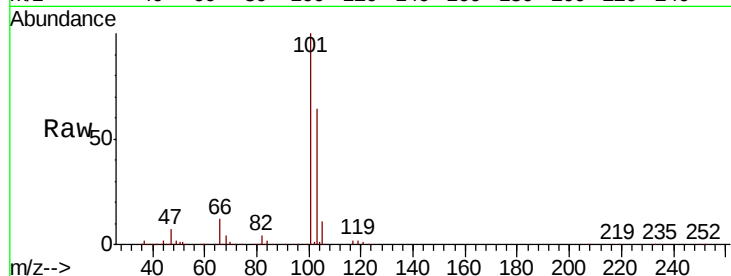


#7

Trichlorofluoromethane
 Concen: 46.20 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. -0.01 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMS

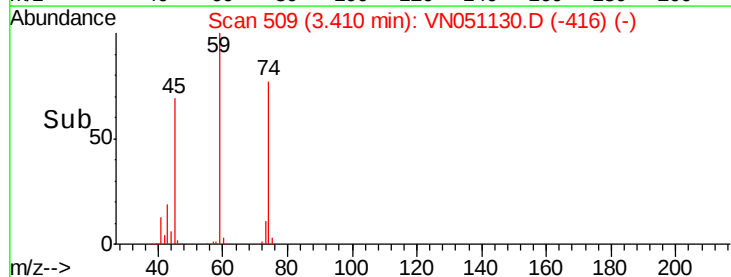
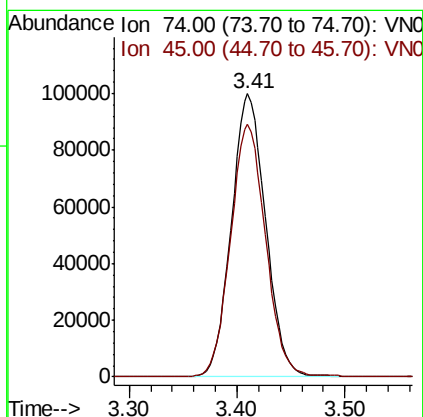
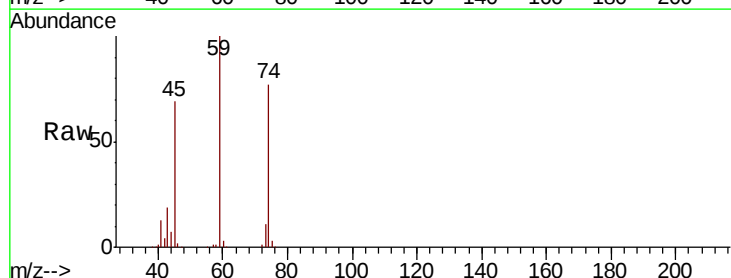
Tot Ion:101 Resp: 547554
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.4 78.6

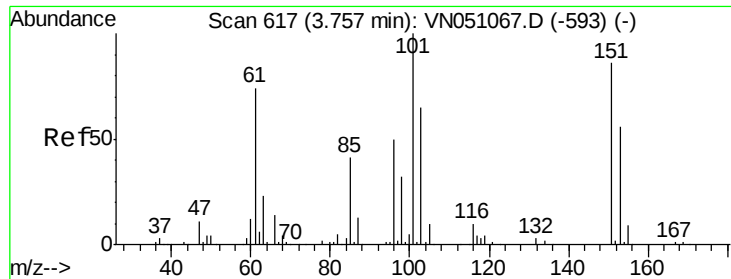


#8

Diethyl Ether
 Concen: 50.76 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Tgt Ion: 74 Resp: 221238
 Ion Ratio Lower Upper
 74 100
 45 91.2 46.7 140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.97 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMS

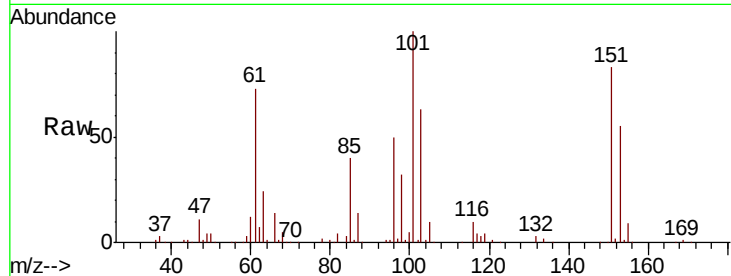
Tot Ion:101 Resp: 351233

Ion Ratio Lower Upper

101 100

85 41.3 33.3 49.9

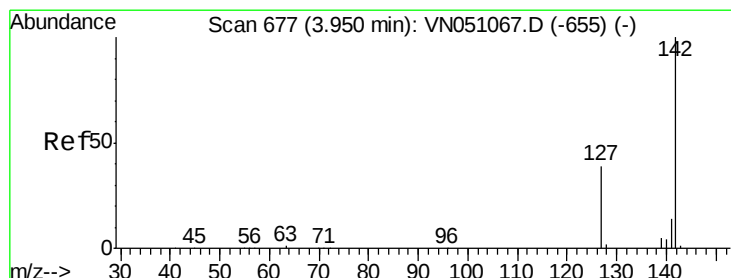
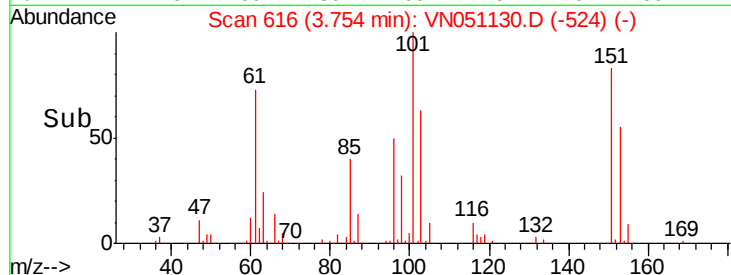
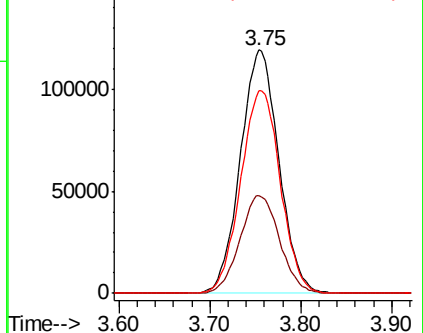
151 85.7 68.2 102.2



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: 31.76 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

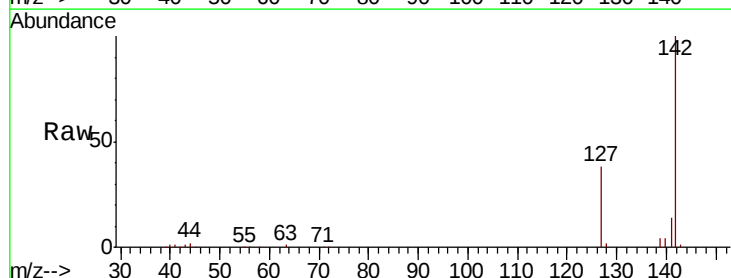
Tgt Ion:142 Resp: 210351

Ion Ratio Lower Upper

142 100

127 38.1 31.0 46.4

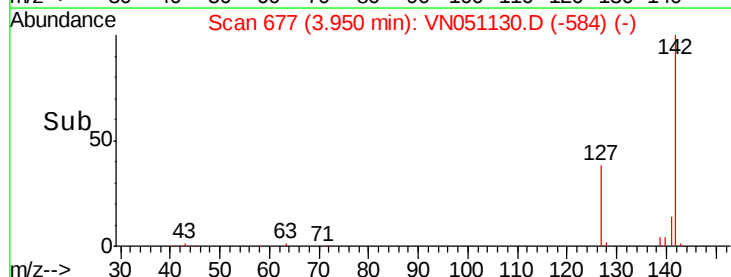
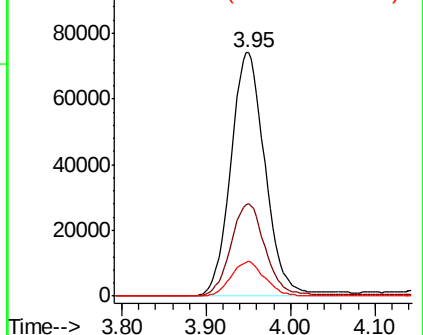
141 14.0 11.3 16.9

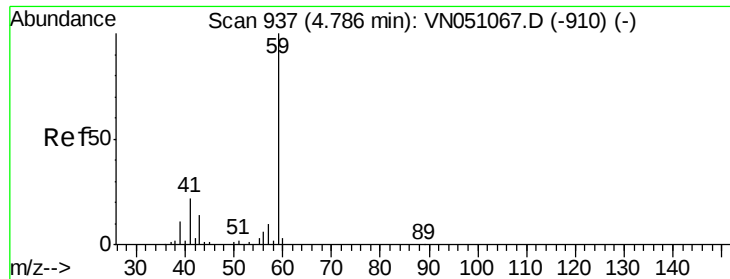


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



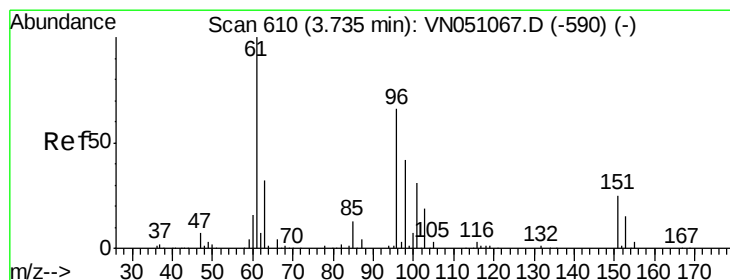
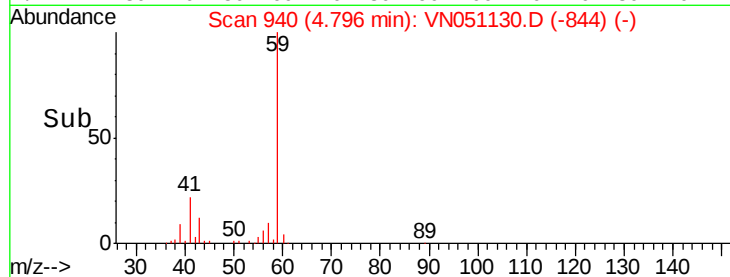
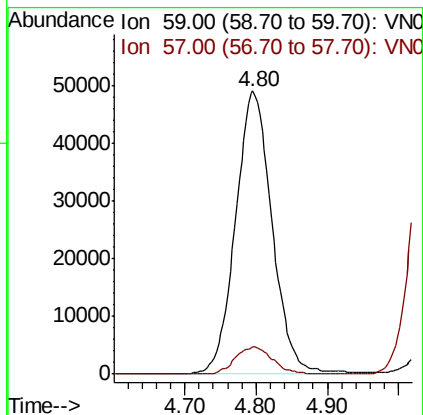
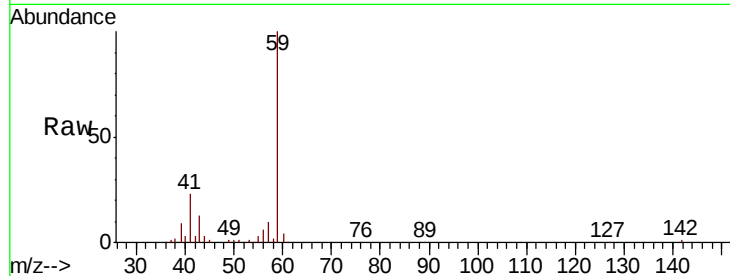


#11

Tert butyl alcohol
Concen: 304.55 ug/l
RT: 4.80 min Scan# 940
Delta R.T. 0.01 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampled :
EP1-MW-DMS

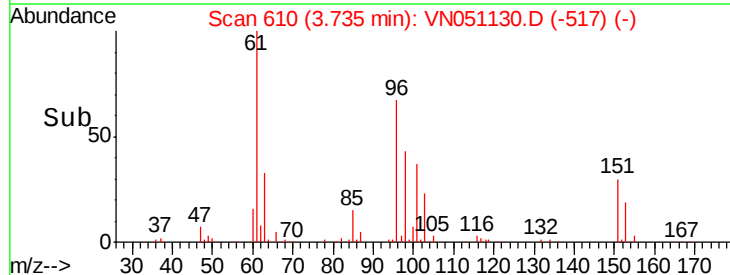
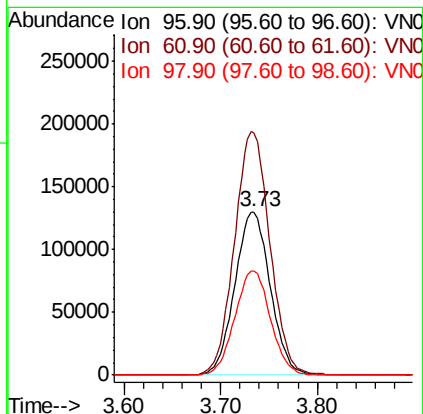
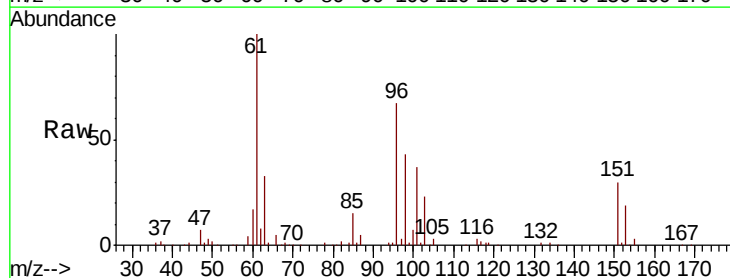
Tot Ion: 59 Resp: 174912
Ion Ratio Lower Upper
59 100
57 9.8 8.1 12.1

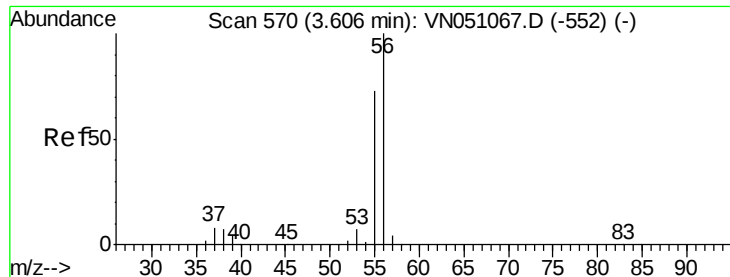


#12

1,1-Dichloroethene
Concen: 46.00 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion: 96 Resp: 331509
Ion Ratio Lower Upper
96 100
61 148.5 120.3 180.5
98 64.0 50.8 76.2





#13

Acrolein

Concen: 244.54 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

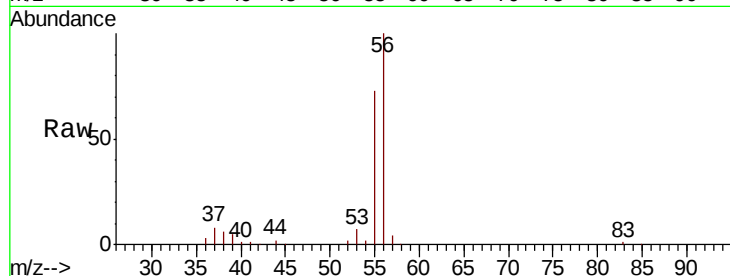
EP1-MW-DMS

Tot Ion: 56 Resp: 171016

Ion Ratio Lower Upper

56 100

55 72.1 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

60000

40000

20000

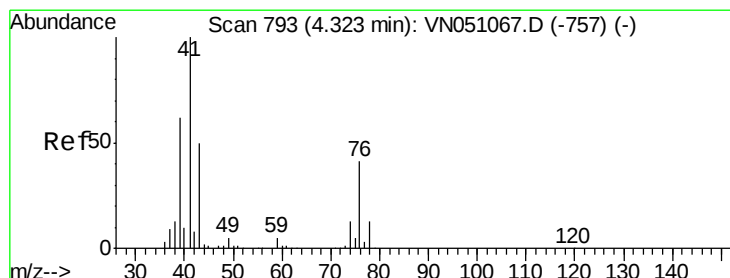
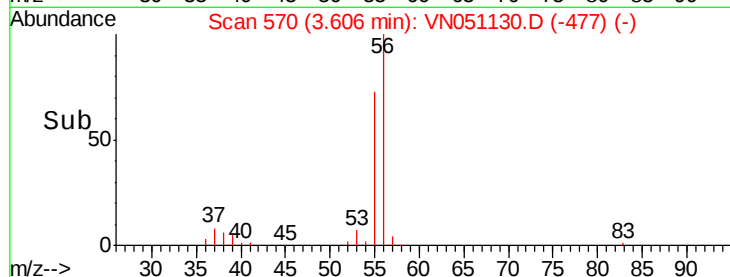
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 47.92 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

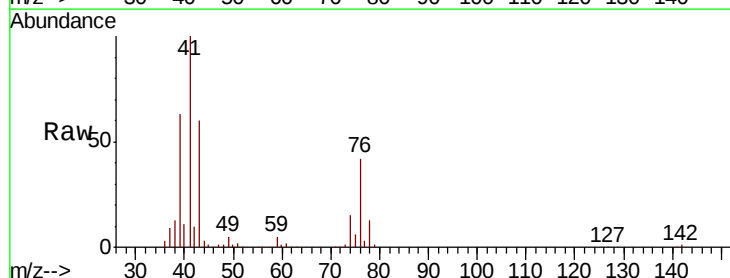
Tgt Ion: 41 Resp: 526196

Ion Ratio Lower Upper

41 100

39 60.3 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

4.32

200000

150000

100000

50000

0

Time-->

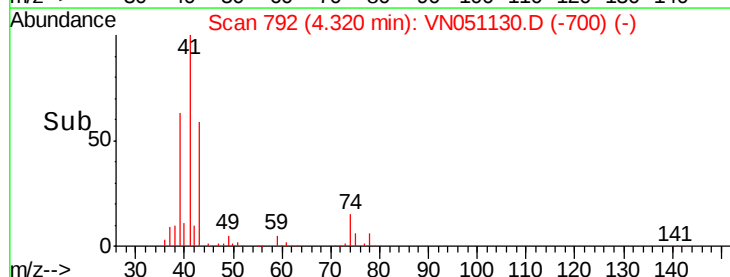
4.10

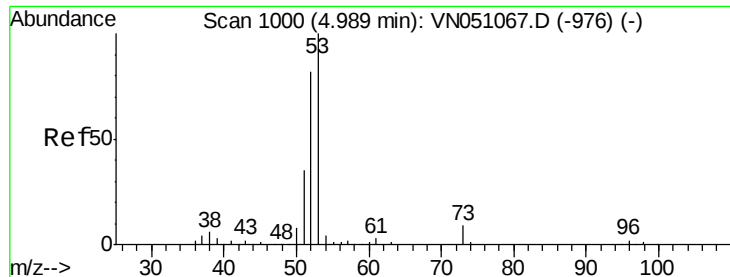
4.20

4.30

4.40

4.50





#15

Acrylonitrile

Concen: 277.61 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-DMS

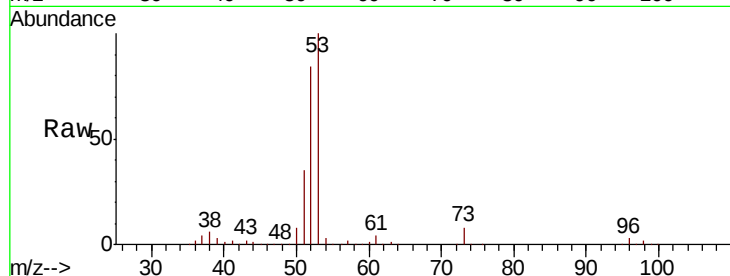
Tot Ion: 53 Resp: 706474

Ion Ratio Lower Upper

53 100

52 82.6 65.3 97.9

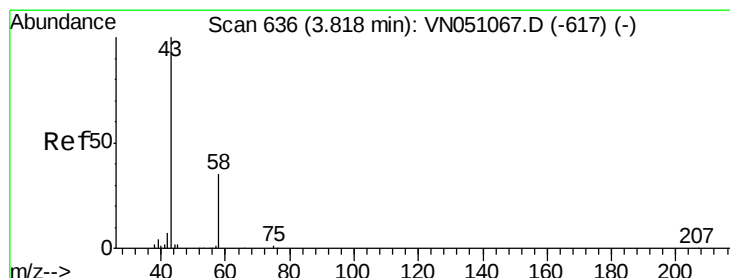
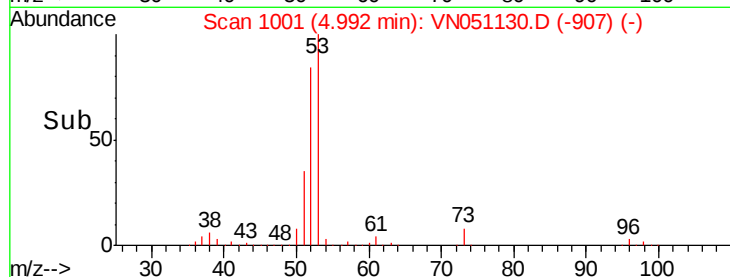
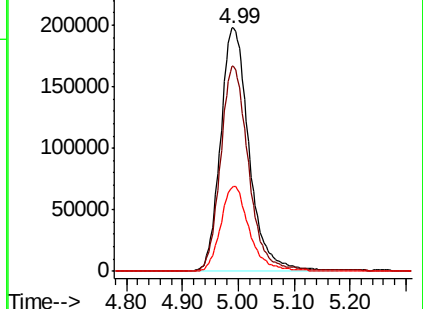
51 35.1 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VN051067.D (-976) (-)

Ion 52.00 (51.70 to 52.70): VN051067.D (-976) (-)

Ion 51.00 (50.70 to 51.70): VN051067.D (-976) (-)



#16

Acetone

Concen: 256.53 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051130.D

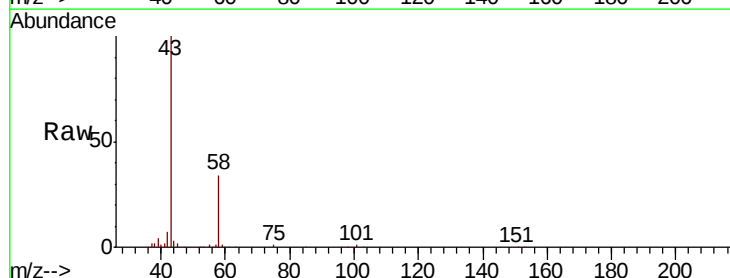
Acq: 11 Sep 2018 16:26

Tgt Ion: 43 Resp: 476648

Ion Ratio Lower Upper

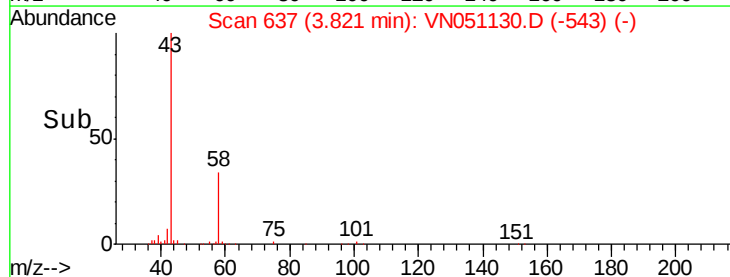
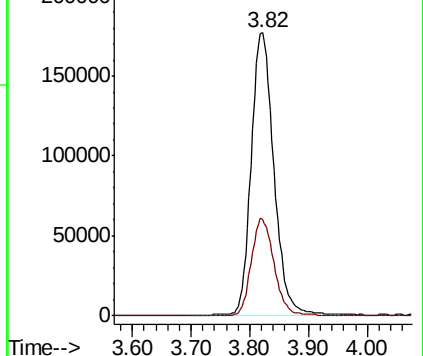
43 100

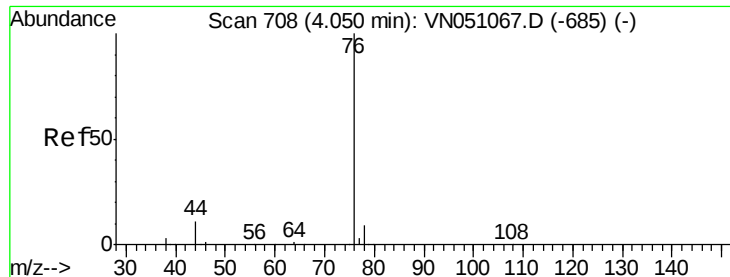
58 34.2 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN051067.D (-617) (-)

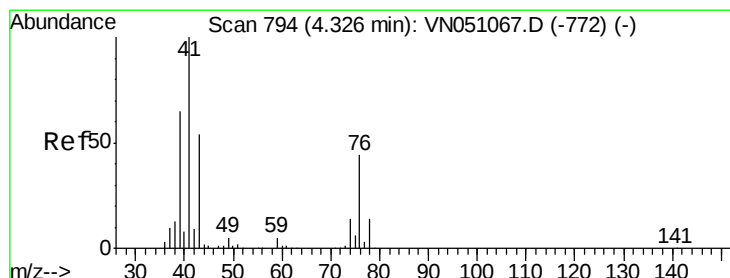
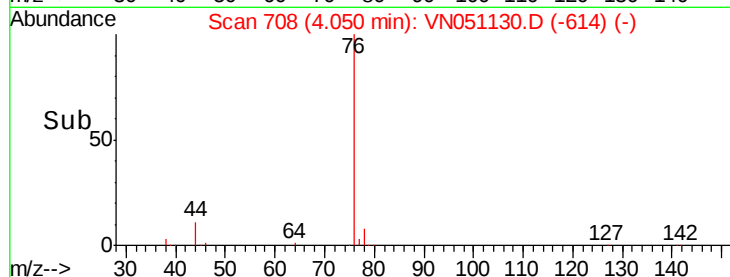
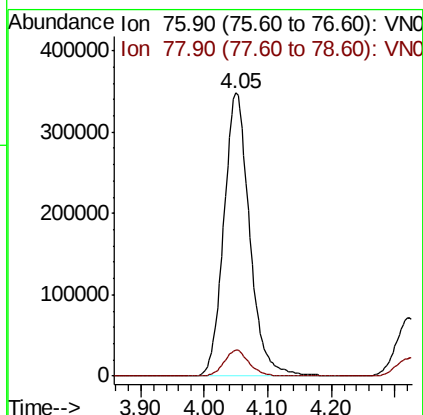
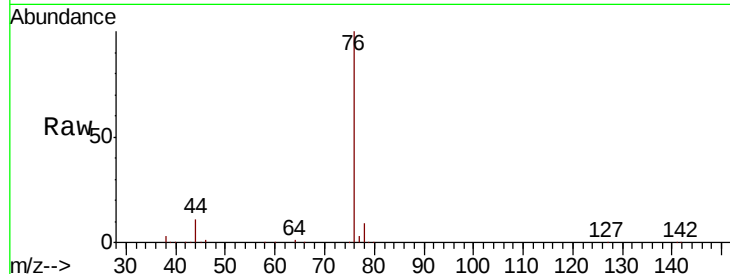




#17
Carbon Disulfide
Concen: 46.24 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

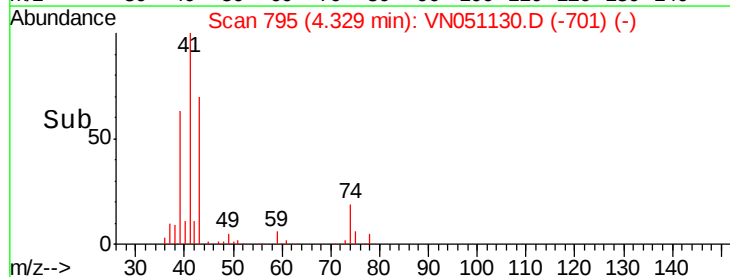
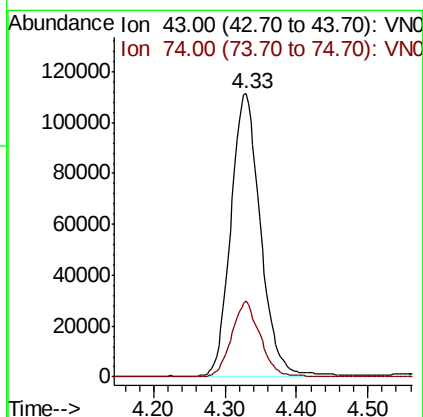
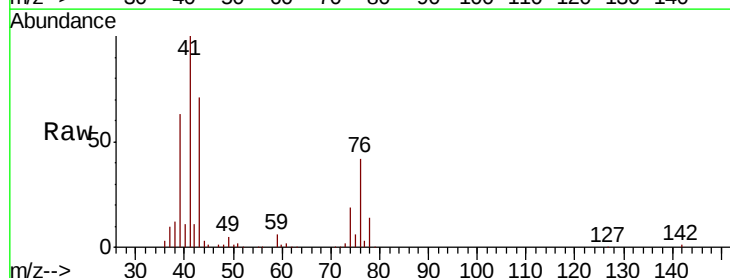
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

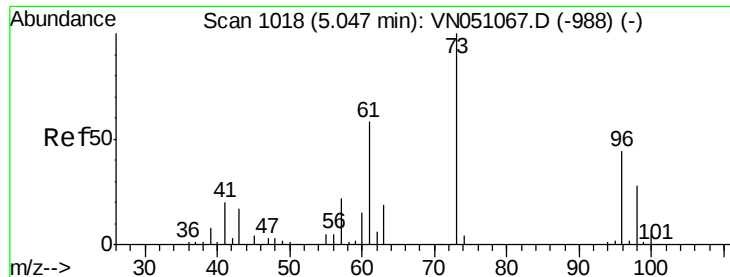
Tot Ion: 76 Resp: 981996
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 53.39 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion: 43 Resp: 321458
Ion Ratio Lower Upper
43 100
74 25.8 20.7 31.1

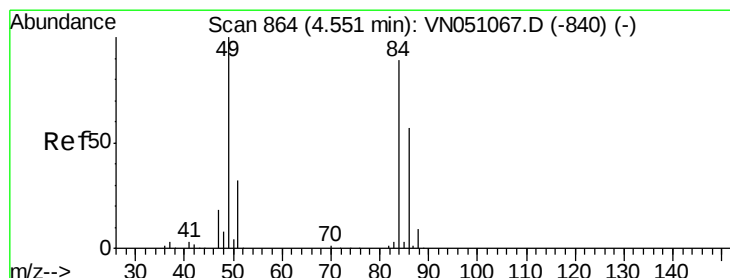
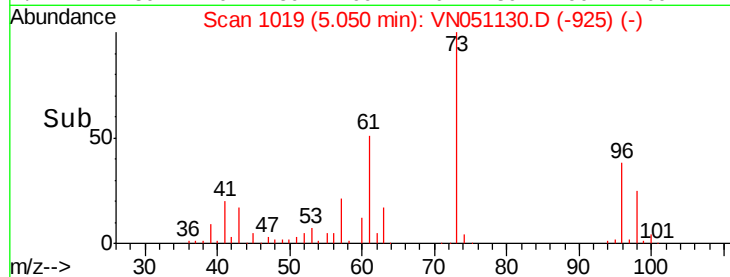
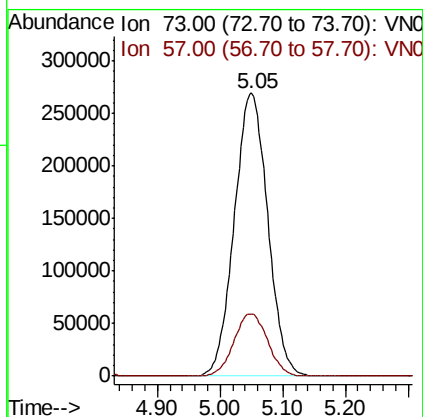
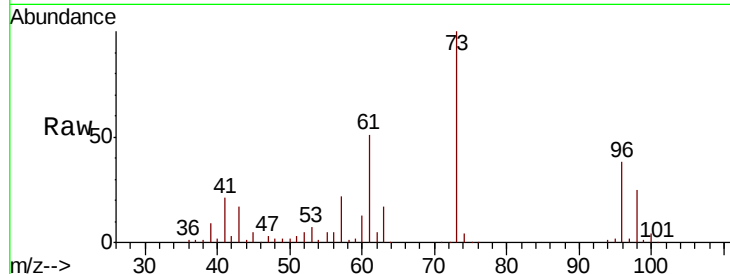




#19
Methvl tert-butvl Ether
Concen: 52.27 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

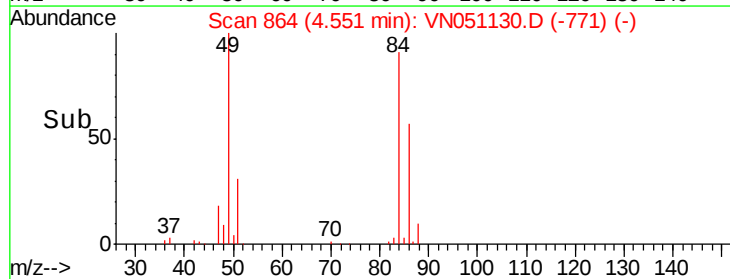
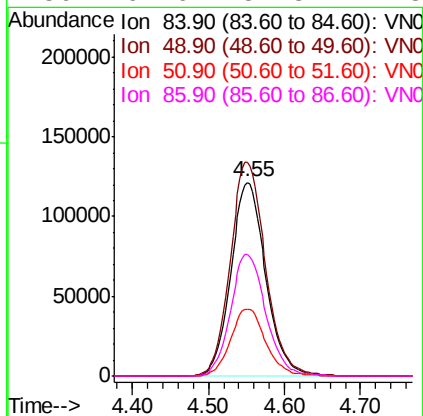
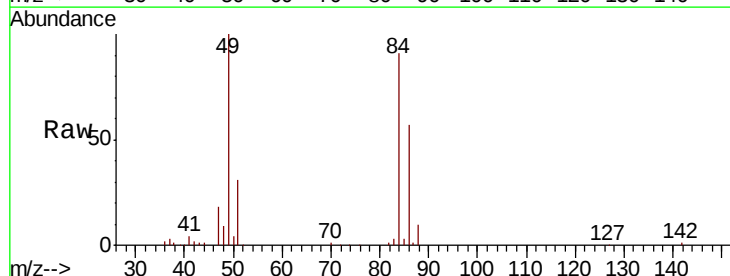
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

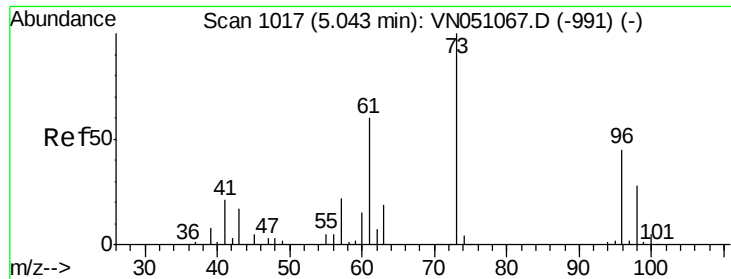
Tot Ion: 73 Resp: 995885
Ion Ratio Lower Upper
73 100
57 21.7 17.9 26.9



#20
Methylene Chloride
Concen: 46.36 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion: 84 Resp: 385074
Ion Ratio Lower Upper
84 100
49 110.3 90.2 135.2
51 34.4 28.4 42.6
86 62.6 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 45.62 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

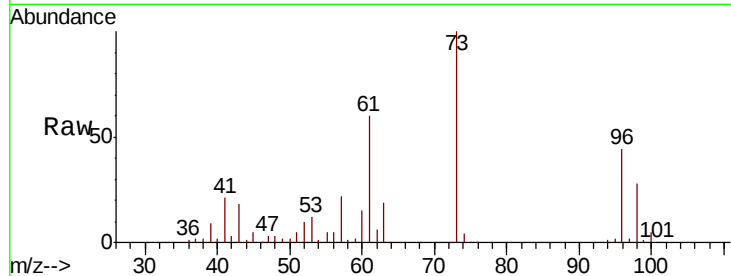
Tot Ion: 96 Resp: 356649

Ion Ratio Lower Upper

96 100

61 134.7 106.5 159.7

98 63.8 50.4 75.6

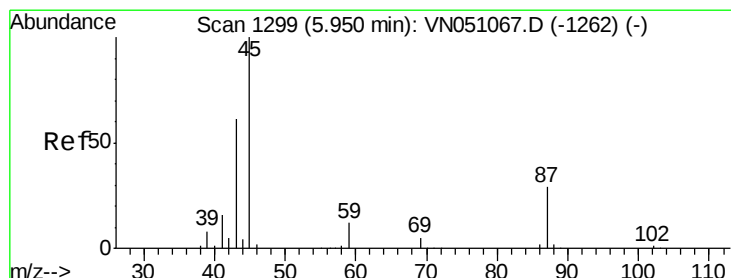
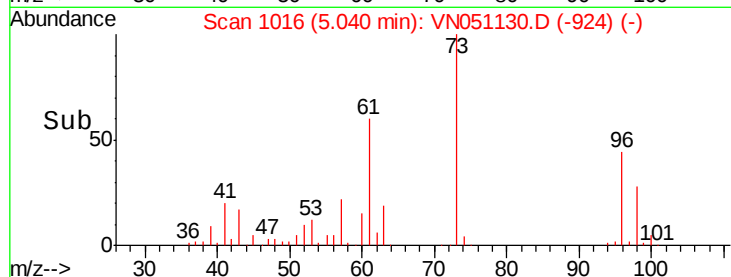
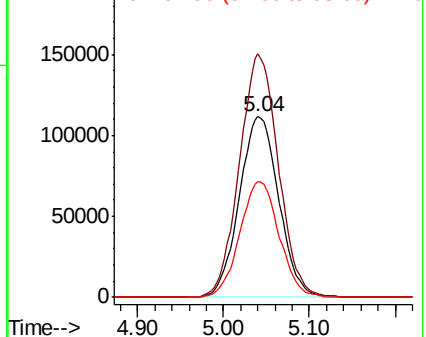


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 50.94 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.01 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Tgt Ion: 45 Resp: 1110249

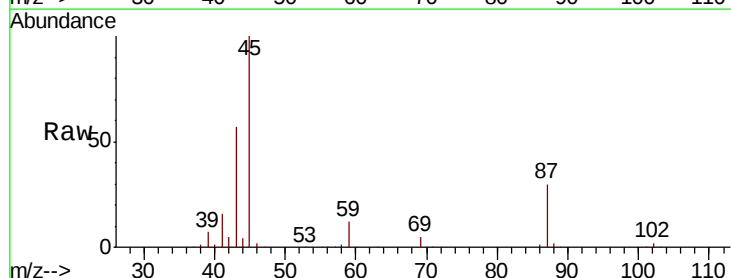
Ion Ratio Lower Upper

45 100

43 56.1 48.8 73.2

87 29.9 23.8 35.8

59 12.2 9.6 14.4



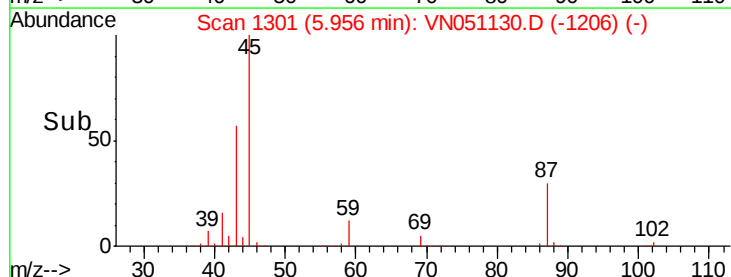
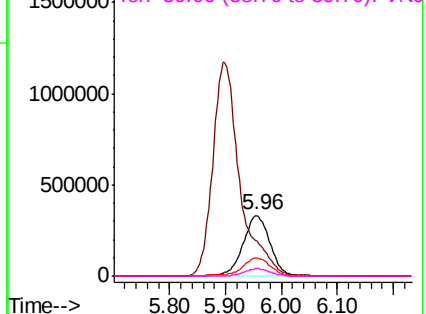
Abundance

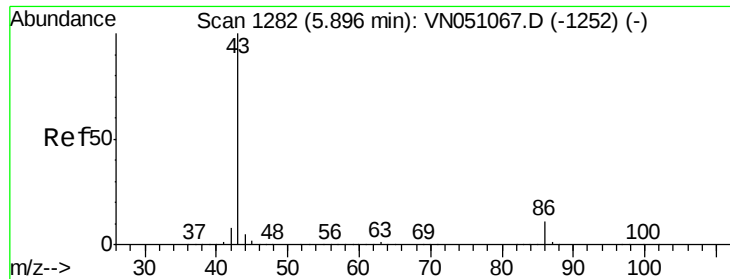
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

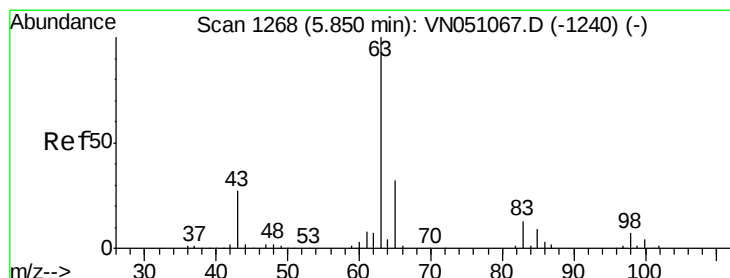
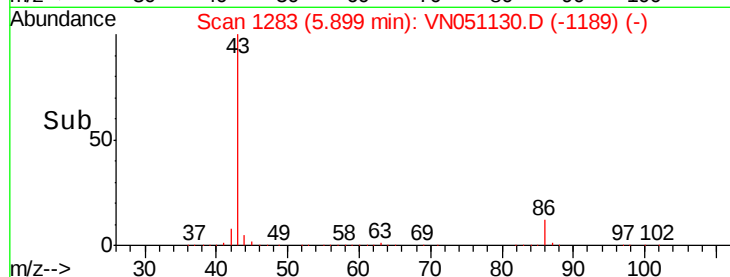
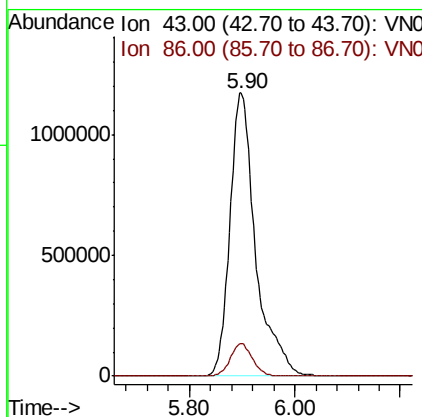
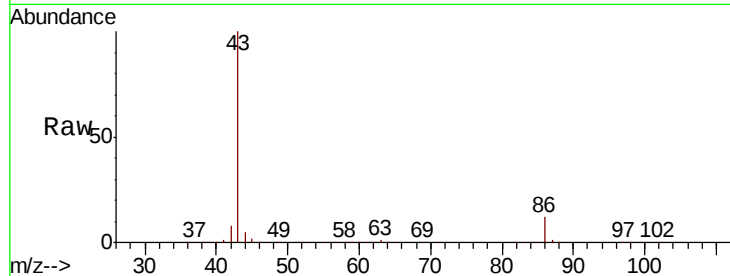




#23
 Vinyl Acetate
 Concen: 268.63 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

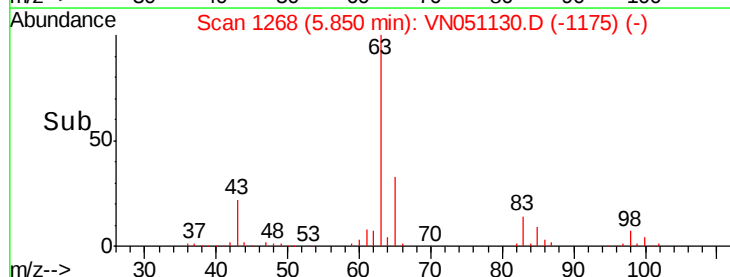
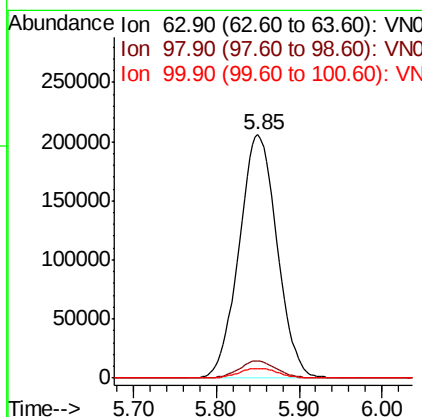
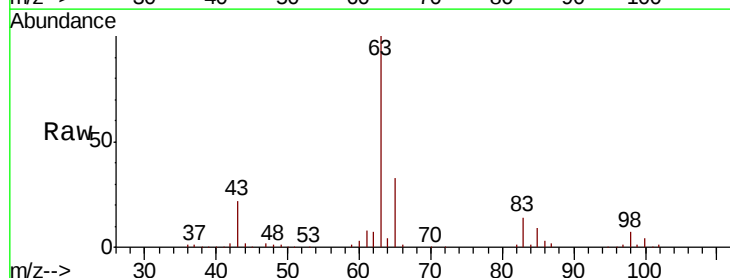
Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-DMS

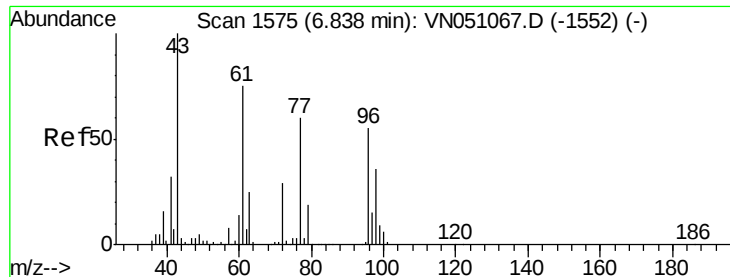
Tot Ion: 43 Resp: 3962406
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 47.32 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Tgt Ion: 63 Resp: 654382
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 4.1 2.1 6.3





#25

2-Butanone

Concen: 265.05 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

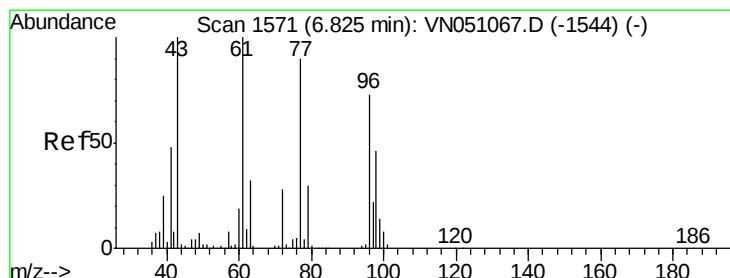
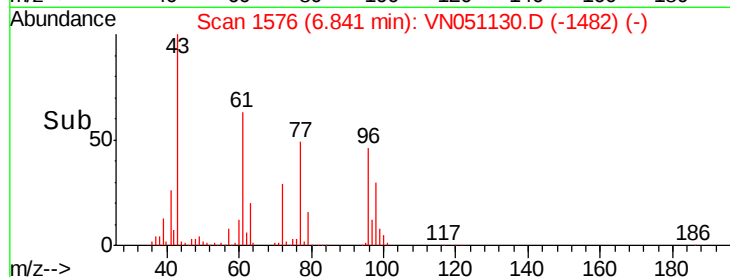
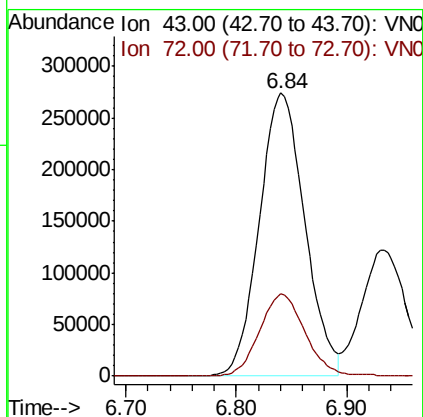
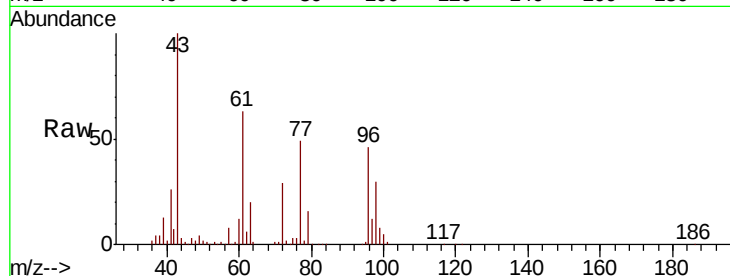
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

Tot Ion: 43 Resp: 783558

Ion Ratio Lower Upper

43 100

72 29.0 23.0 34.6



#26

2,2-Dichloropropane

Concen: 46.35 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN051130.D

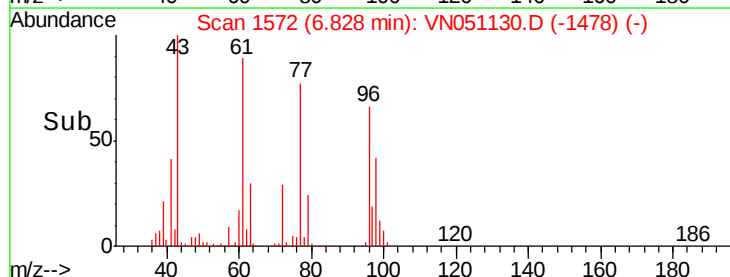
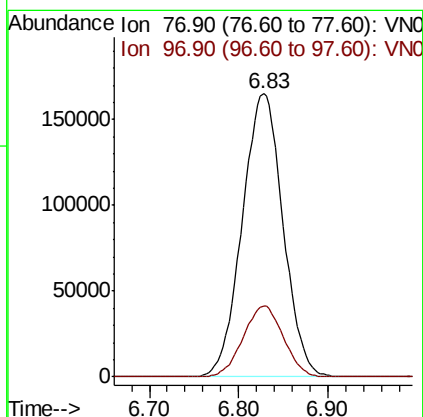
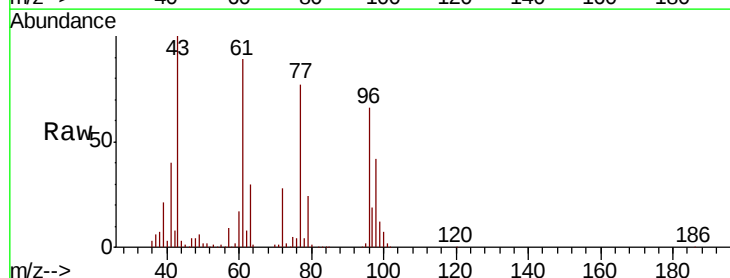
Acq: 11 Sep 2018 16:26

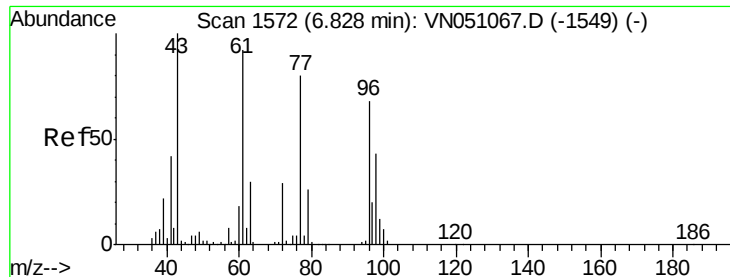
Tgt Ion: 77 Resp: 524605

Ion Ratio Lower Upper

77 100

97 24.9 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 48.33 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMS

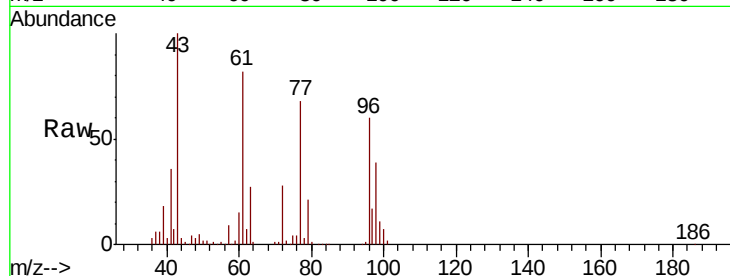
Tot Ion: 96 Resp: 414501

Ion Ratio Lower Upper

96 100

61 136.9 0.0 278.2

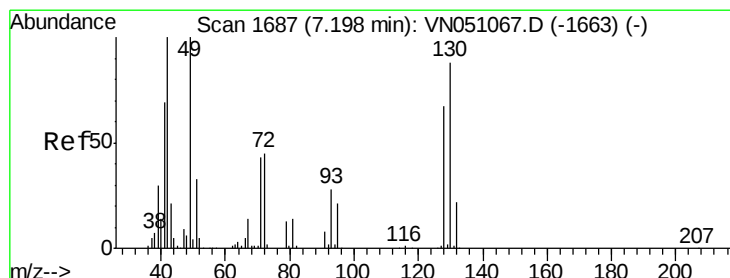
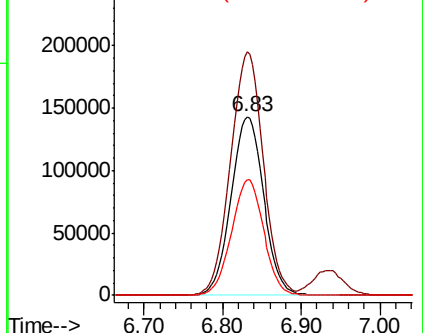
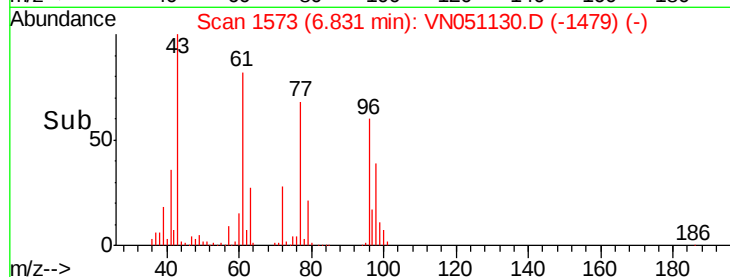
98 64.1 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN051130.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN051130.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN051130.D (-1479) (-)



#28

Bromochloromethane

Concen: 48.81 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

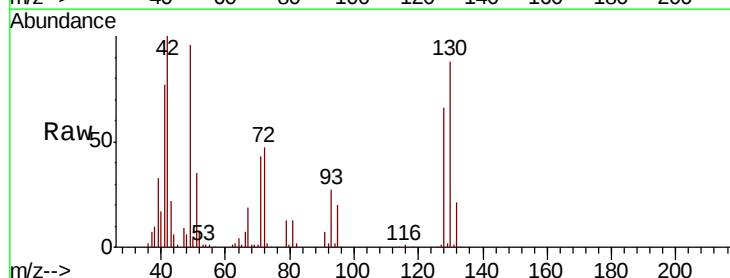
Tgt Ion: 49 Resp: 300460

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

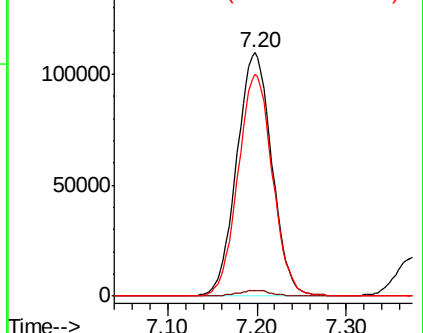
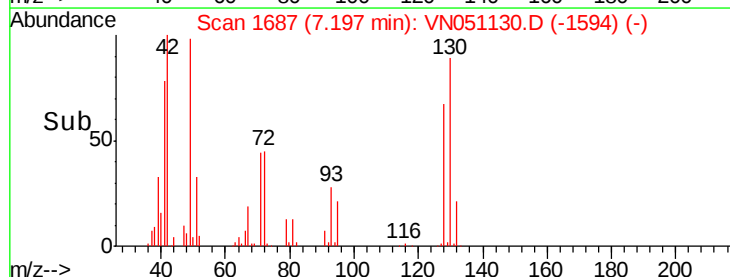
130 89.2 70.7 106.1

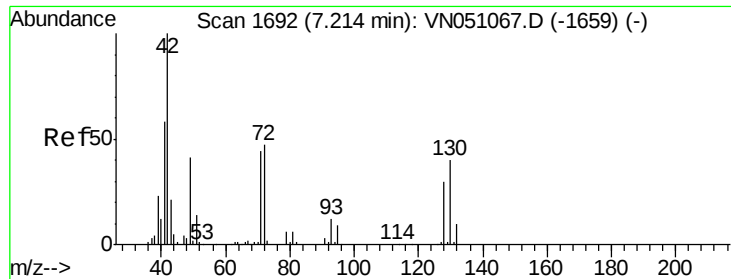


Abundance Ion 48.90 (48.60 to 49.60): VN051130.D (-1594) (-)

Ion 128.80 (128.50 to 129.50): VN051130.D (-1594) (-)

Ion 129.80 (129.50 to 130.50): VN051130.D (-1594) (-)

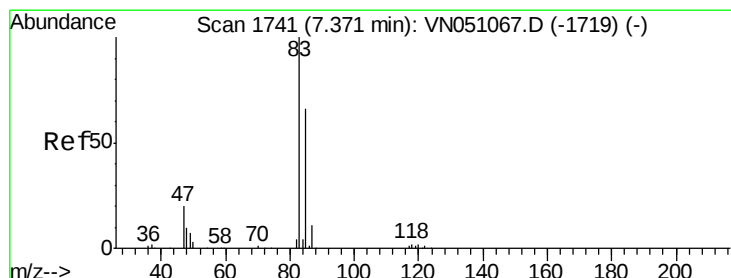
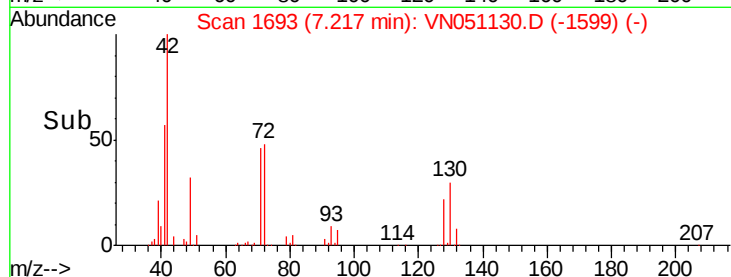
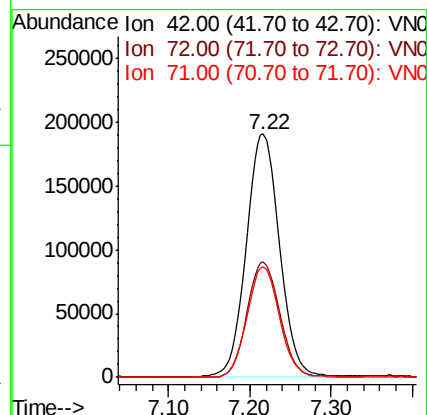
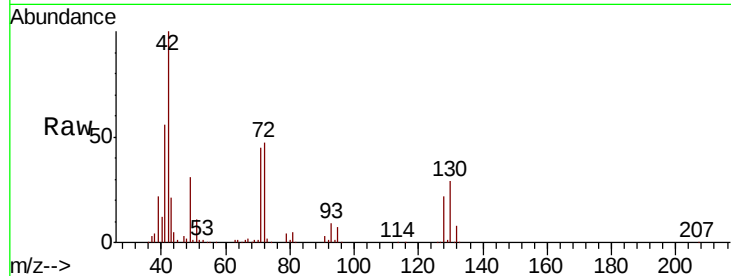




#29
Tetrahydrofuran
Concen: 289.44 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

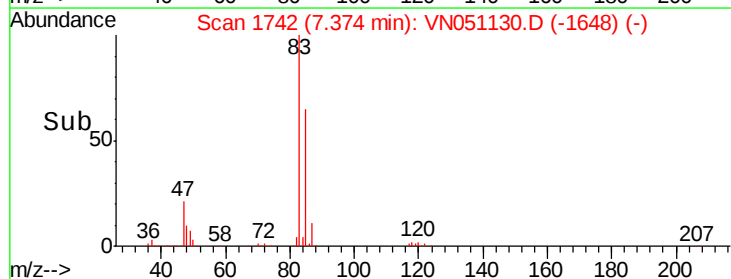
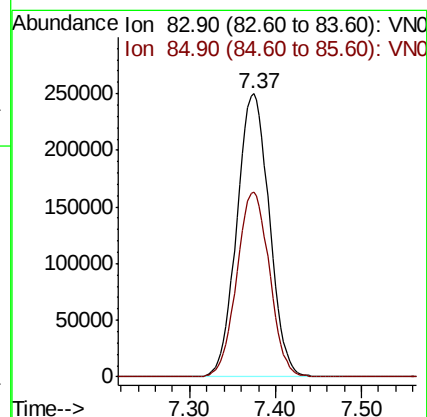
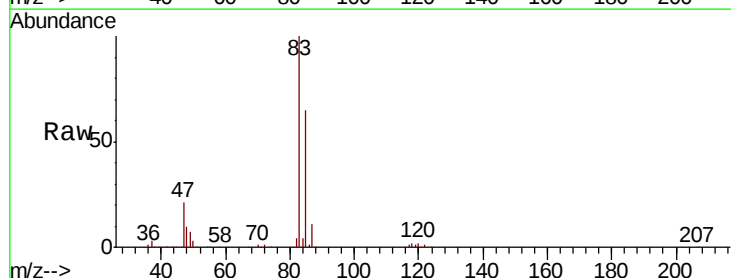
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

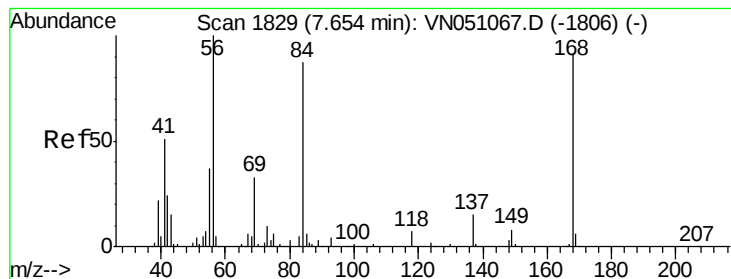
Tot Ion: 42 Resp: 534340
Ion Ratio Lower Upper
42 100
72 47.4 37.4 56.0
71 44.4 34.7 52.1



#30
Chloroform
Concen: 47.74 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion: 83 Resp: 656760
Ion Ratio Lower Upper
83 100
85 65.2 52.6 79.0





#31

Cyclohexane

Concen: 47.09 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMS

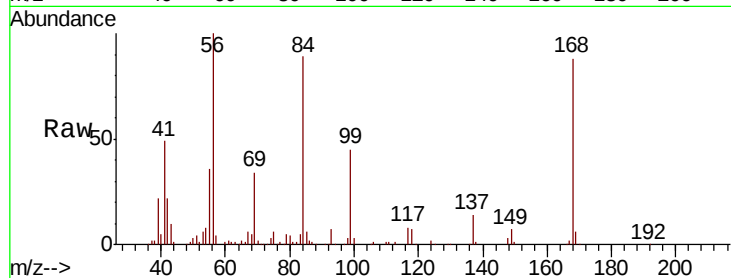
Tot Ion: 56 Resp: 580781

Ion Ratio Lower Upper

56 100

69 34.1 26.3 39.5

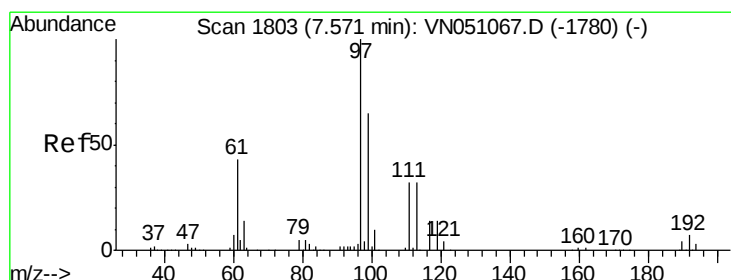
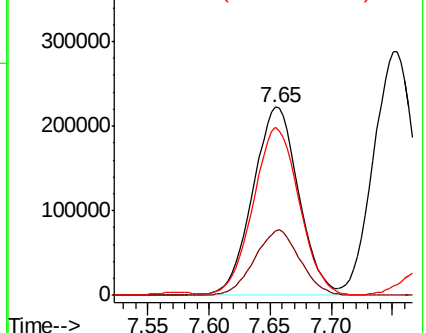
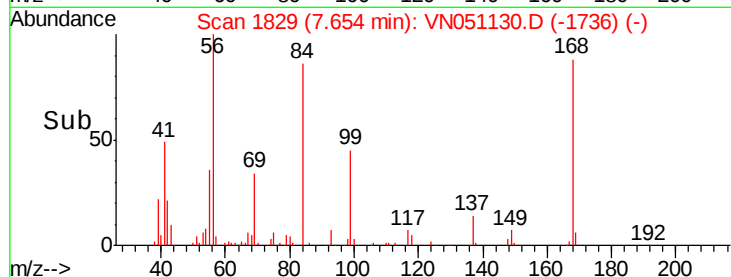
84 87.6 69.4 104.0



Abundance Ion 56.00 (55.70 to 56.70): VN051130.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN051130.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN051130.D (-1736) (-)



#32

1,1,1-Trichloroethane

Concen: 47.86 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

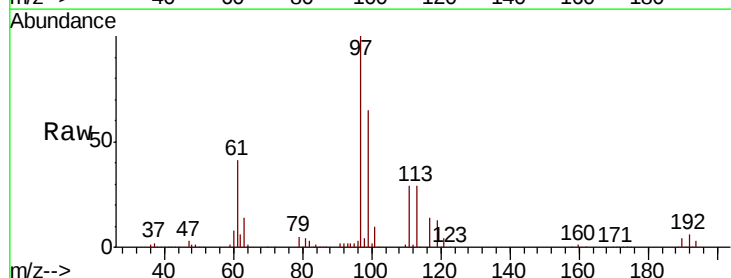
Tgt Ion: 97 Resp: 561075

Ion Ratio Lower Upper

97 100

99 64.7 51.6 77.4

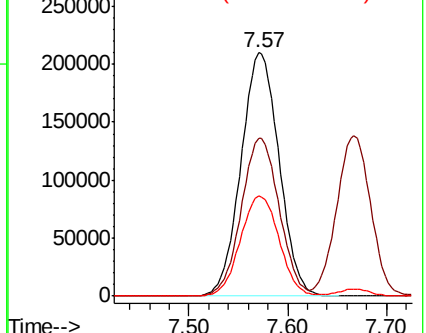
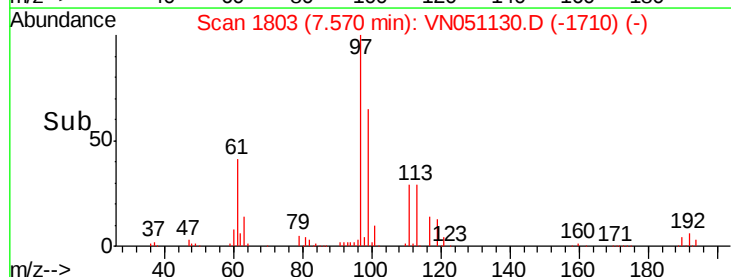
61 42.0 33.8 50.6

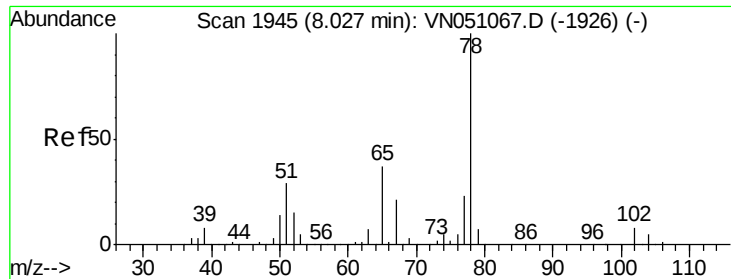


Abundance Ion 96.90 (96.60 to 97.60): VN051130.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN051130.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN051130.D (-1710) (-)

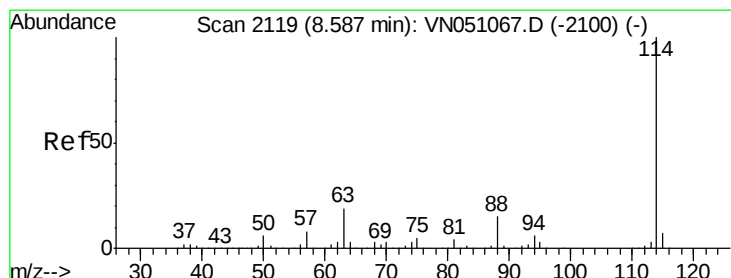
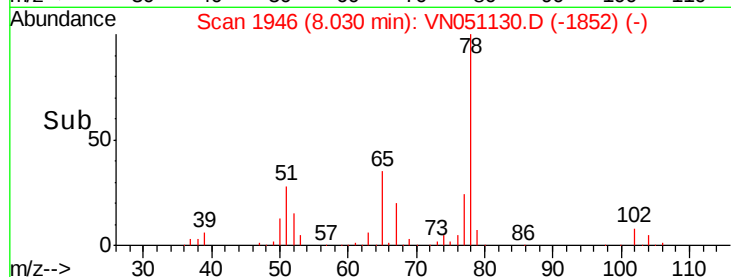
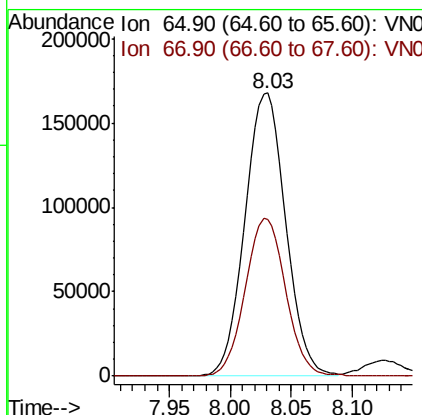
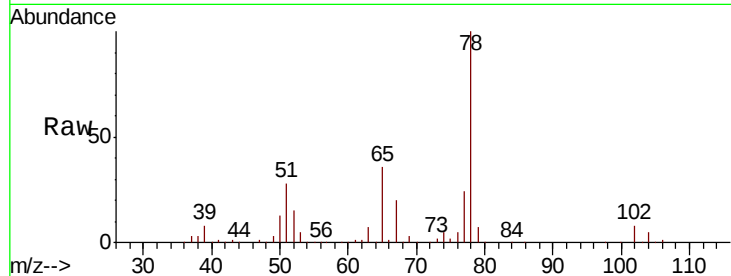




#33
 1,2-Dichloroethane-d4
 Concen: 51.56 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

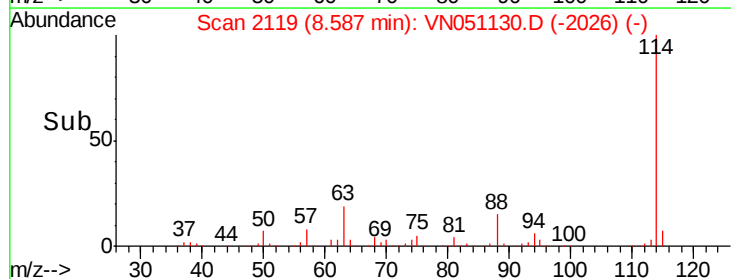
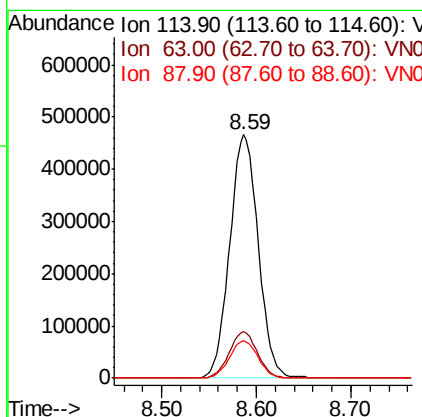
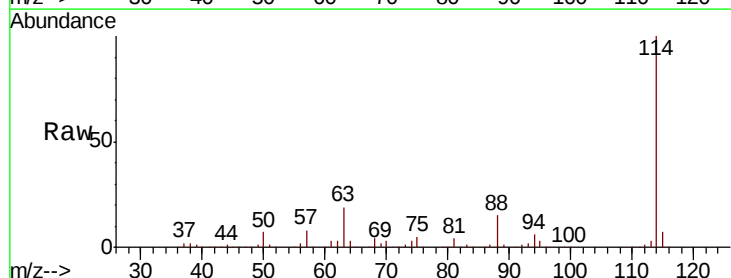
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMS

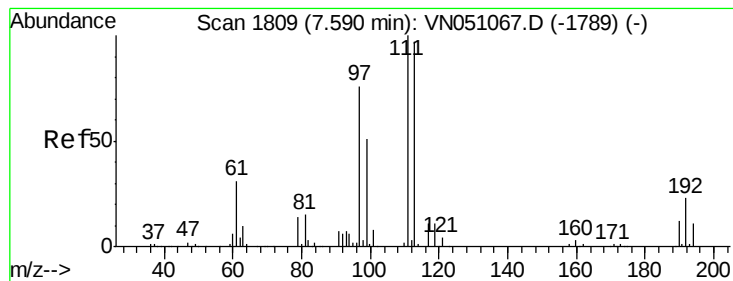
Tot Ion: 65 Resp: 387706
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Tgt Ion: 114 Resp: 977220
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.8
 88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.57 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMS

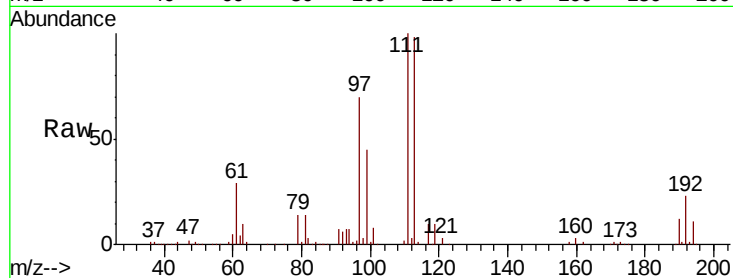
Tot Ion:113 Resp: 371345

Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.6

192 23.2 18.7 28.1

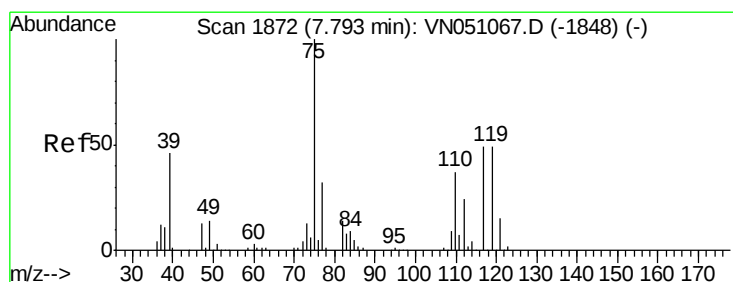
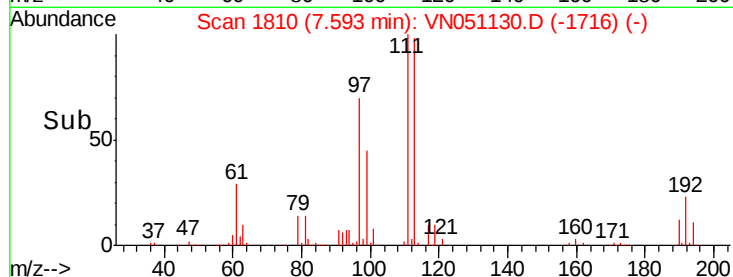
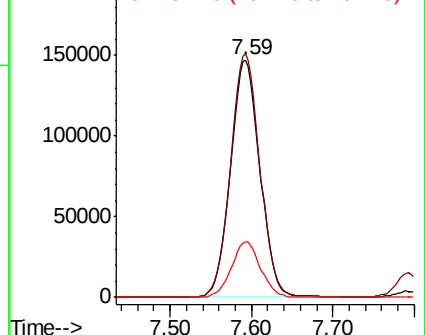


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.22 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

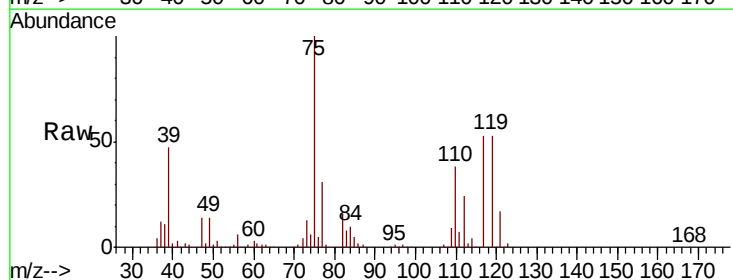
Tgt Ion: 75 Resp: 506592

Ion Ratio Lower Upper

75 100

110 37.1 18.6 55.8

77 31.3 25.2 37.8

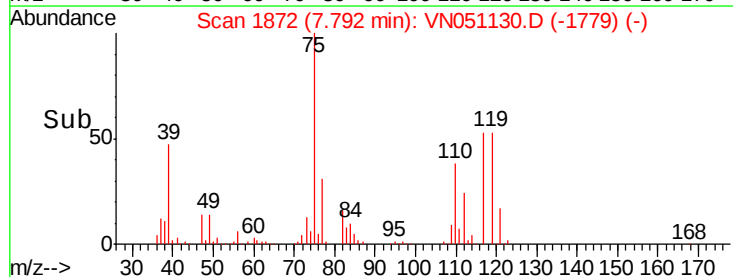
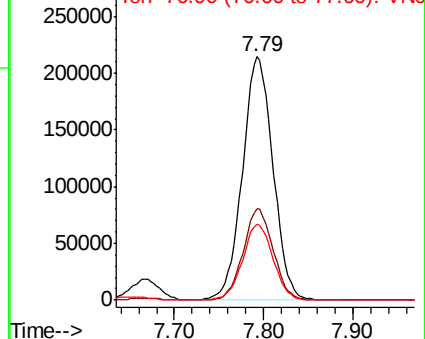


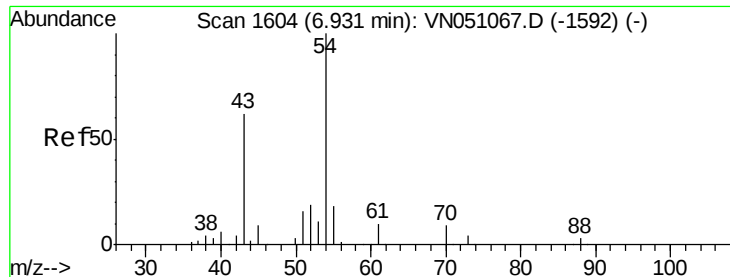
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

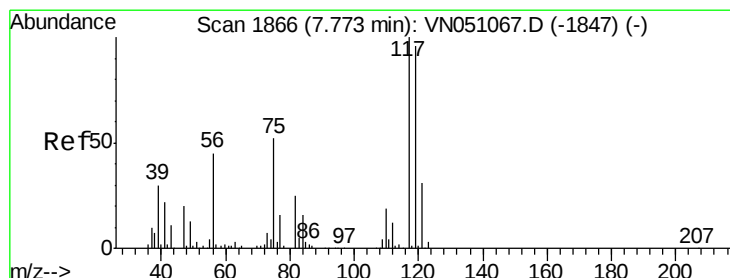
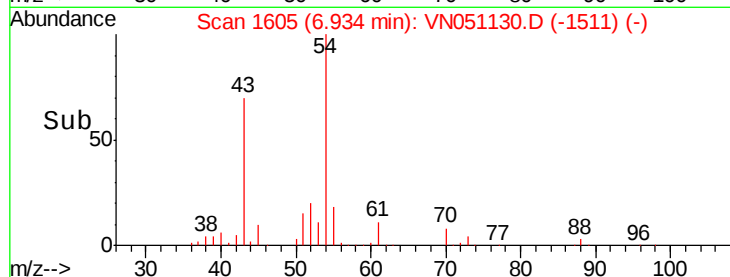
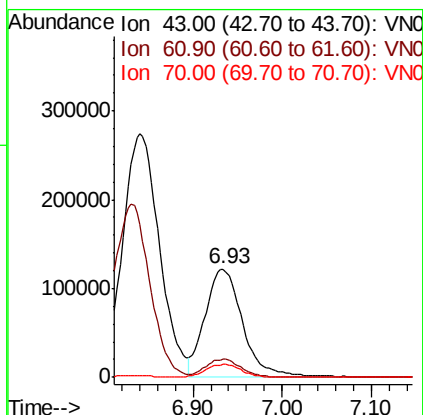
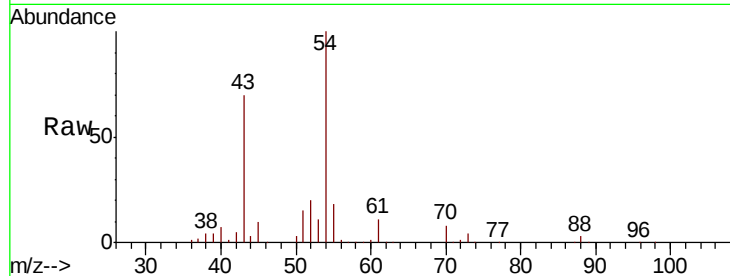




#37
Ethyl Acetate
Concen: 56.45 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

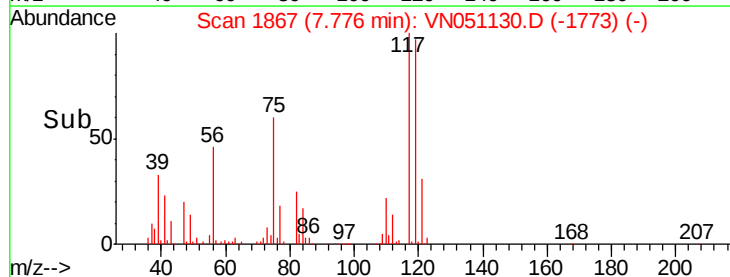
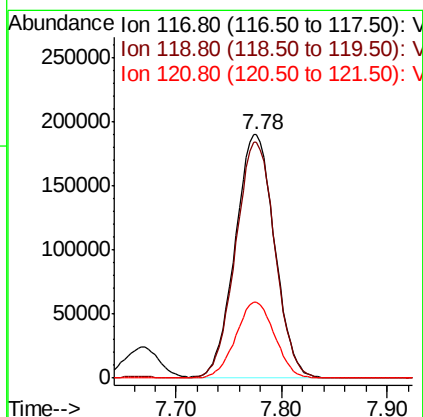
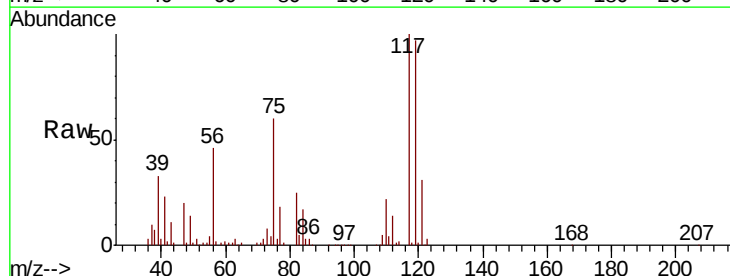
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-DMS

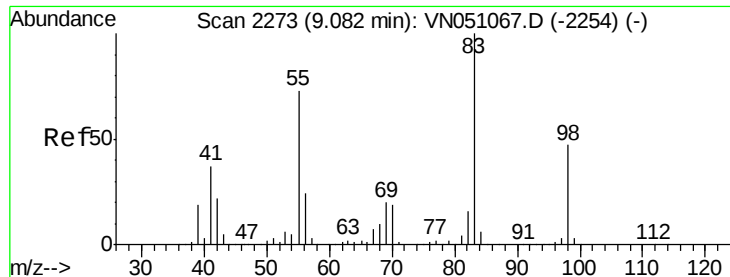
Tot Ion: 43 Resp: 350742
Ion Ratio Lower Upper
43 100
61 15.5 12.4 18.6
70 11.6 9.3 13.9



#38
Carbon Tetrachloride
Concen: 46.48 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion: 117 Resp: 490759
Ion Ratio Lower Upper
117 100
119 96.7 76.8 115.2
121 31.2 24.6 36.8

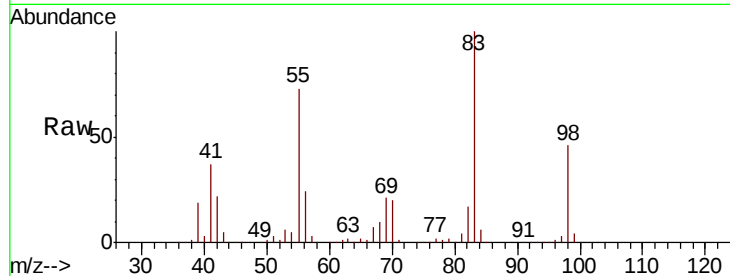




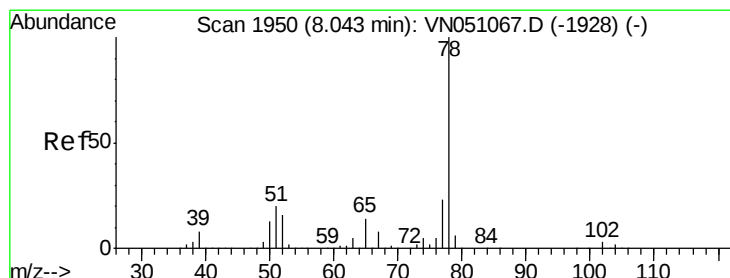
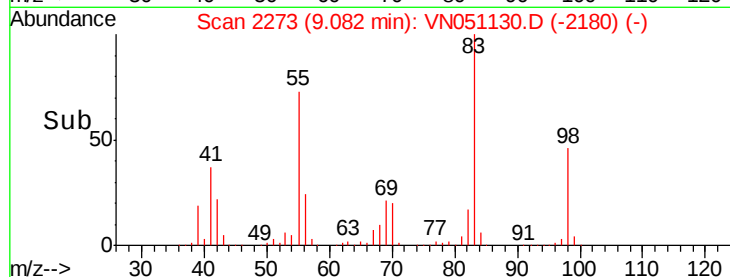
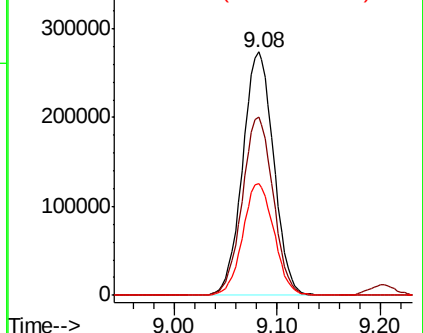
#39
Methvlcvclohexane
Concen: 48.37 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

Tot Ion: 83 Resp: 572592
Ion Ratio Lower Upper
83 100
55 73.2 58.4 87.6
98 46.2 37.3 55.9

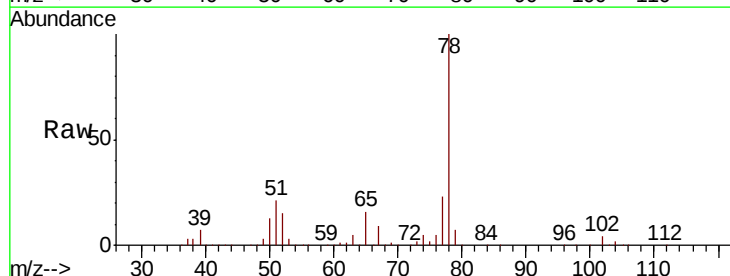


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

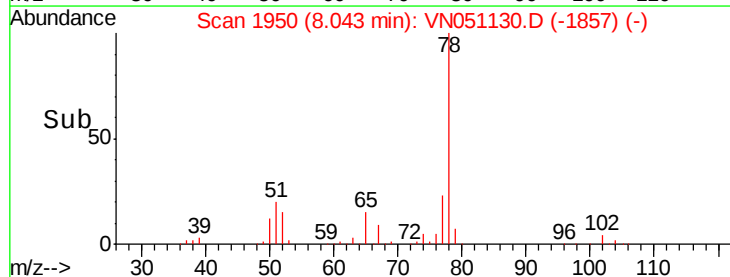
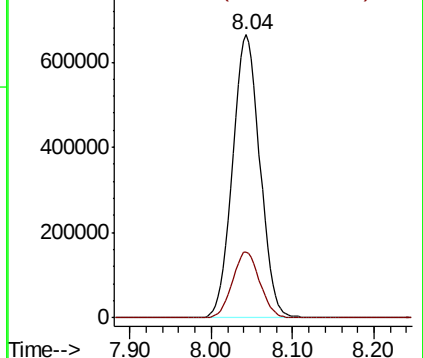


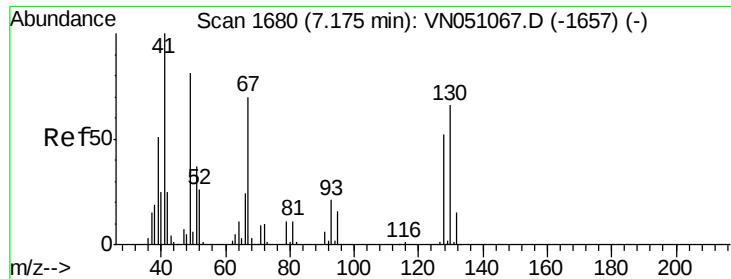
#40
Benzene
Concen: 47.99 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion: 78 Resp: 1551524
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8



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

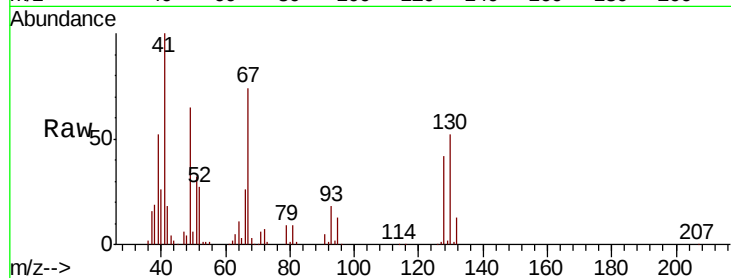




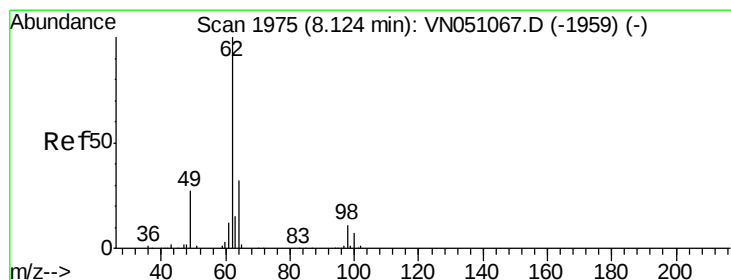
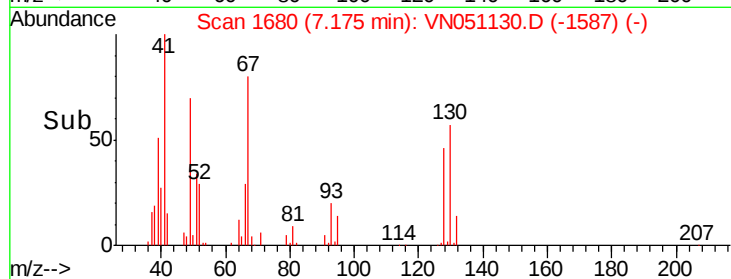
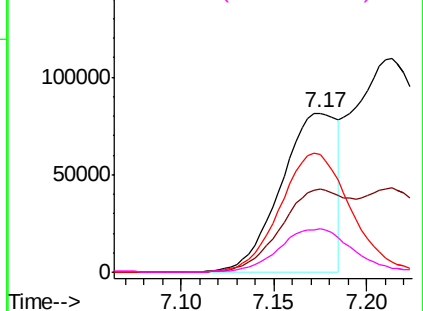
#41
Methacrylonitrile
Concen: 53.41 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

Tot Ion: 41 Resp: 171222
Ion Ratio Lower Upper
41 100
39 64.8 51.3 76.9
67 95.0 78.5 117.7
52 35.7 29.0 43.6

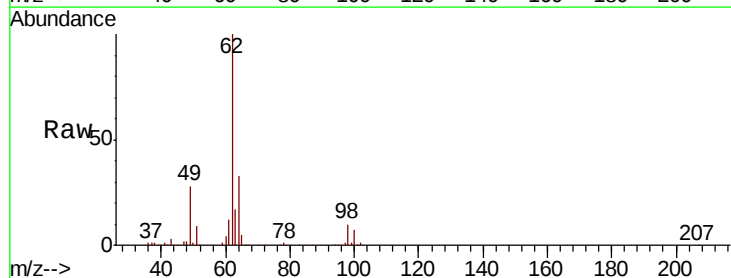


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

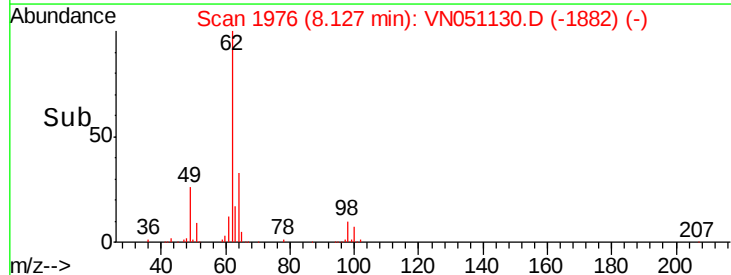
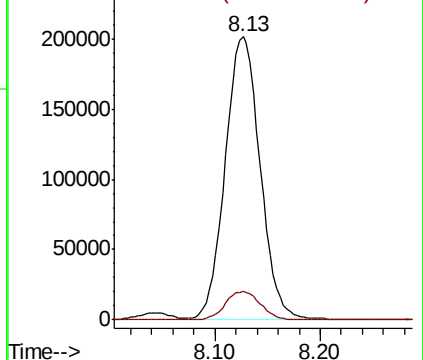


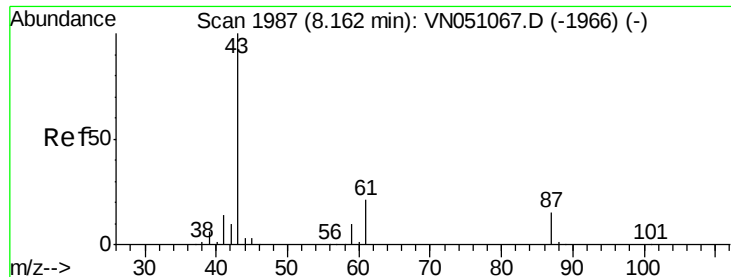
#42
1,2-Dichloroethane
Concen: 48.83 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion: 62 Resp: 460176
Ion Ratio Lower Upper
62 100
98 10.3 0.0 21.0



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





#43

Isopropyl Acetate

Concen: 55.98 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMS

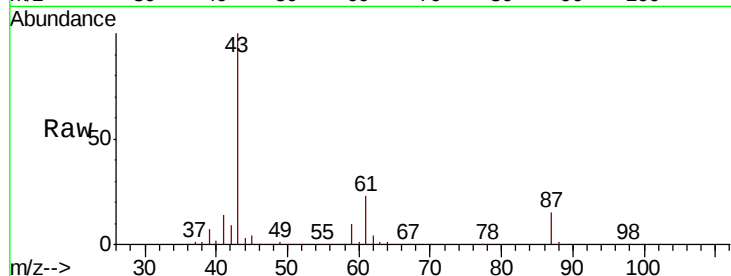
Tot Ion: 43 Resp: 613811

Ion Ratio Lower Upper

43 100

61 22.3 25.0 37.6#

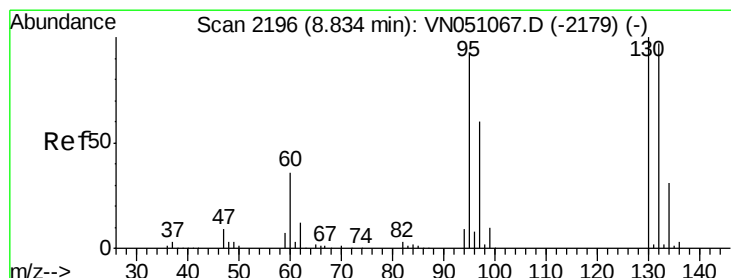
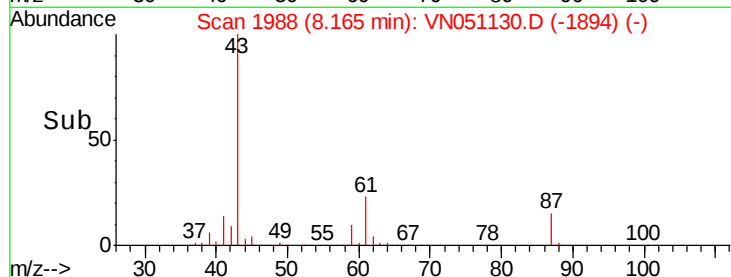
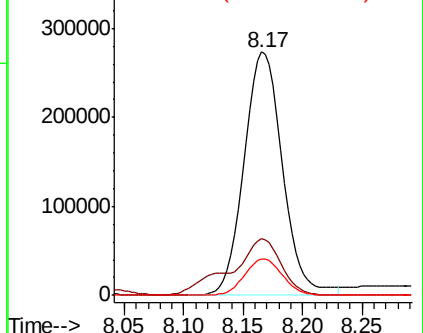
87 14.7 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VN051130.D (-1988) (-)

Ion 61.00 (60.70 to 61.70): VN051130.D (-1988) (-)

Ion 87.00 (86.70 to 87.70): VN051130.D (-1988) (-)



#44

Trichloroethene

Concen: 46.59 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN051130.D

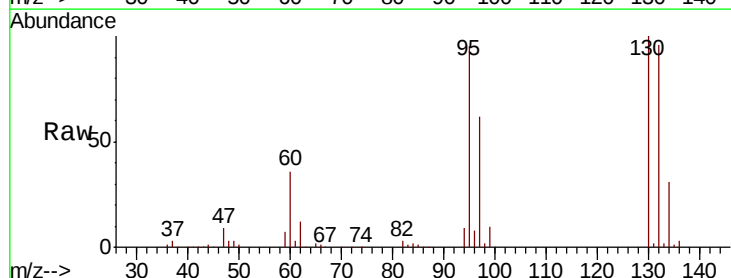
Acq: 11 Sep 2018 16:26

Tgt Ion:130 Resp: 412002

Ion Ratio Lower Upper

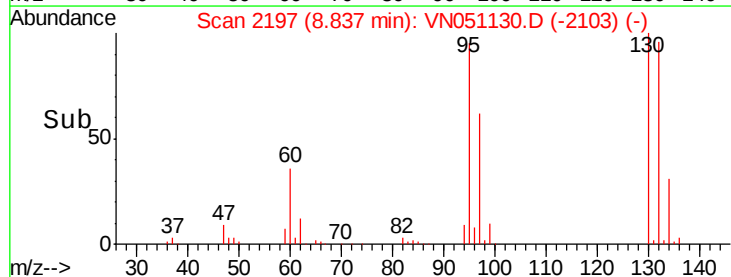
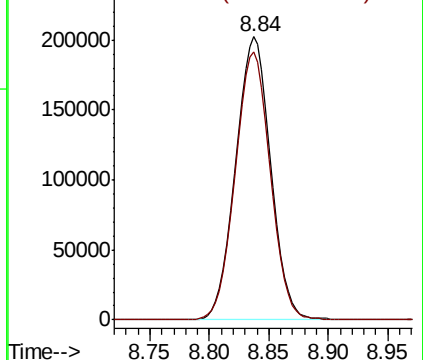
130 100

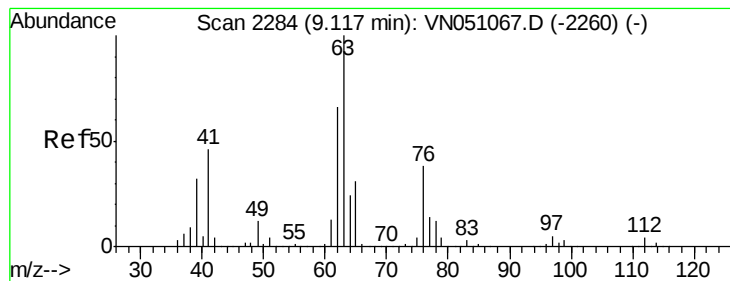
95 94.7 0.0 186.2



Abundance Ion 129.80 (129.50 to 130.50): VN051130.D (-2197) (-)

Ion 94.90 (94.60 to 95.60): VN051130.D (-2197) (-)





#45

1,2-Dichloropropane

Concen: 48.02 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

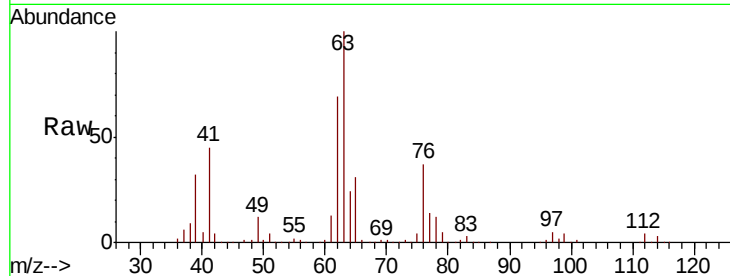
EP1-MW-DMS

Tot Ion: 63 Resp: 401120

Ion Ratio Lower Upper

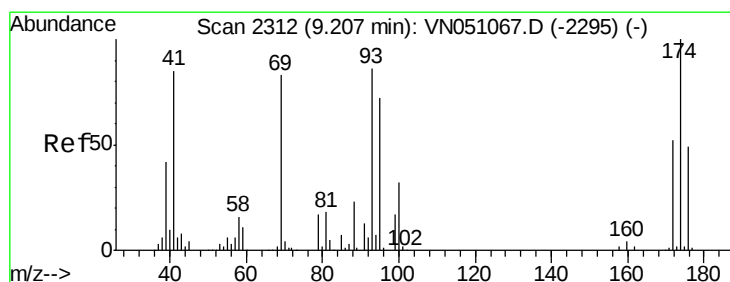
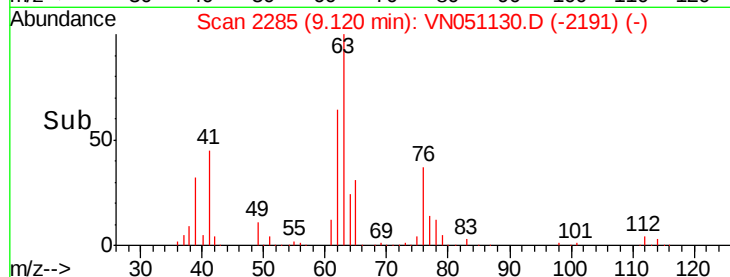
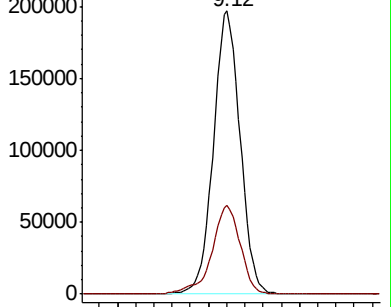
63 100

65 31.2 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN051130.D (-2191) (-)

Ion 64.90 (64.60 to 65.60): VN051130.D (-2191) (-)



#46

Dibromomethane

Concen: 48.05 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

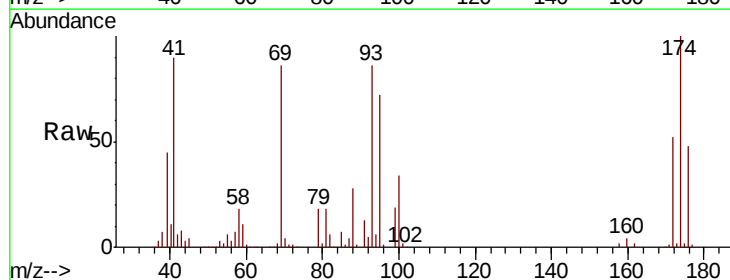
Tgt Ion: 93 Resp: 244917

Ion Ratio Lower Upper

93 100

95 84.7 66.8 100.2

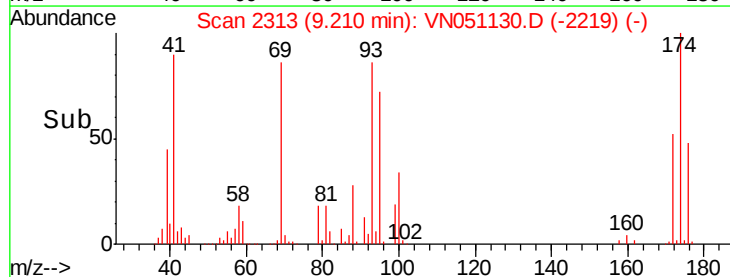
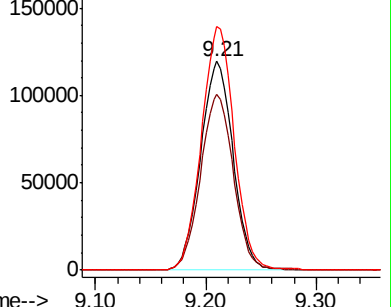
174 117.3 93.3 139.9



Abundance Ion 92.80 (92.50 to 93.50): VN051130.D (-2219) (-)

Ion 94.80 (94.50 to 95.50): VN051130.D (-2219) (-)

Ion 173.70 (173.40 to 174.40): VN051130.D (-2219) (-)





#47

Bromodichloromethane

Concen: 48.67 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMS

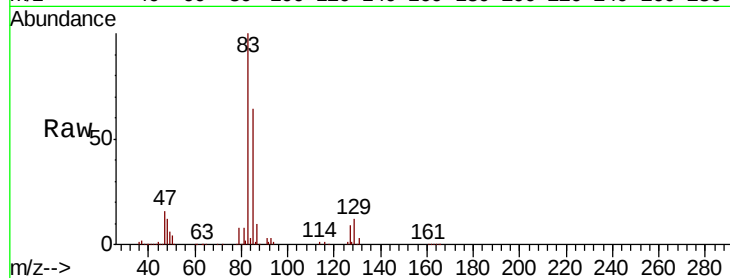
Tot Ion: 83 Resp: 504452

Ion Ratio Lower Upper

83 100

85 64.0 52.3 78.5

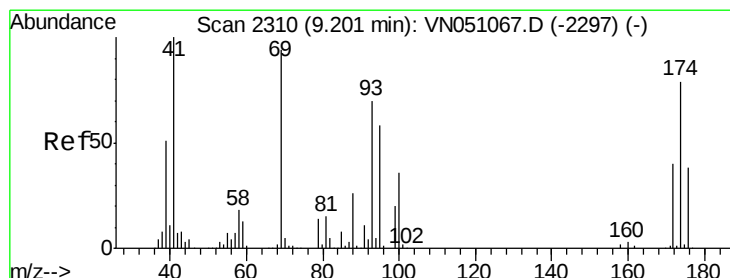
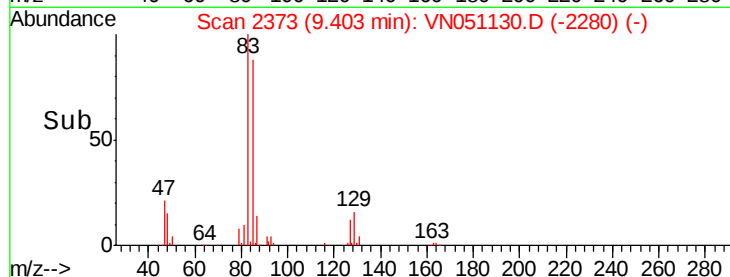
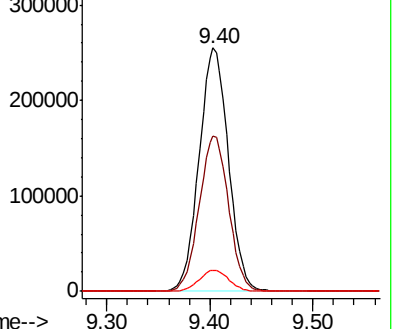
127 8.7 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VN051130.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN051130.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN051130.D (-2280) (-)



#48

Methyl methacrylate

Concen: 57.53 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

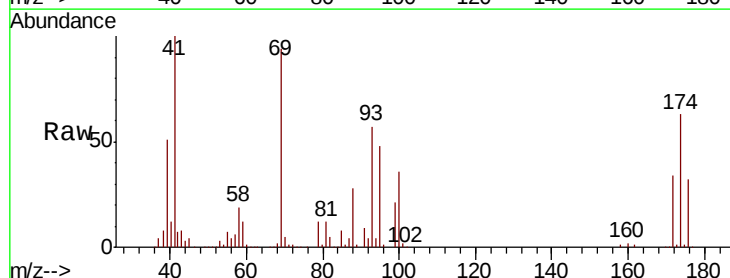
Tgt Ion: 41 Resp: 307390

Ion Ratio Lower Upper

41 100

69 94.6 77.7 116.5

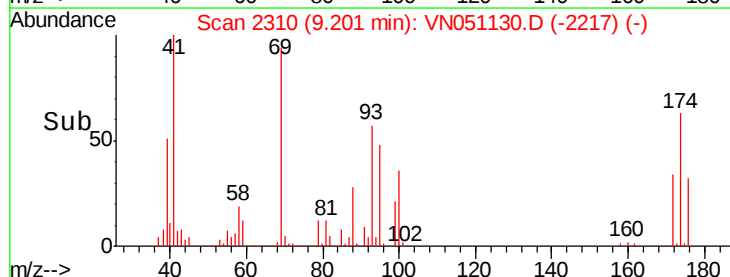
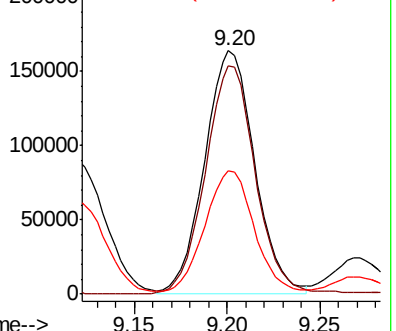
39 50.4 41.6 62.4

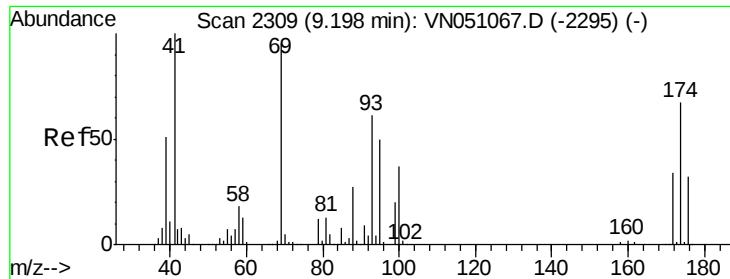


Abundance Ion 41.00 (40.70 to 41.70): VN051130.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN051130.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN051130.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1164.38 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

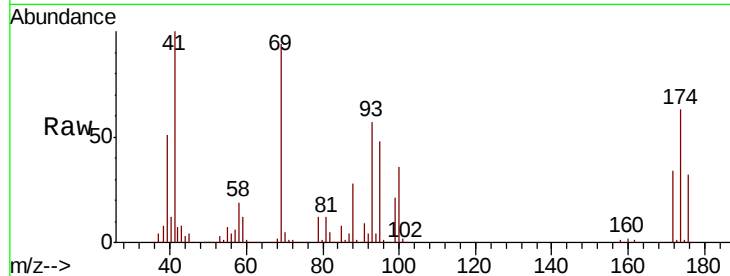
Tot Ion: 88 Resp: 97559

Ion Ratio Lower Upper

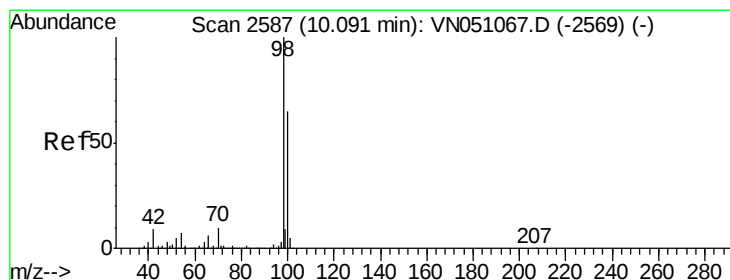
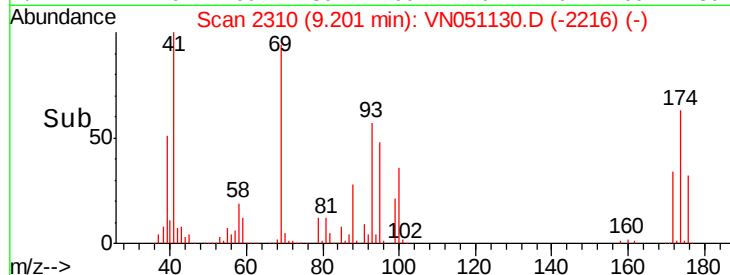
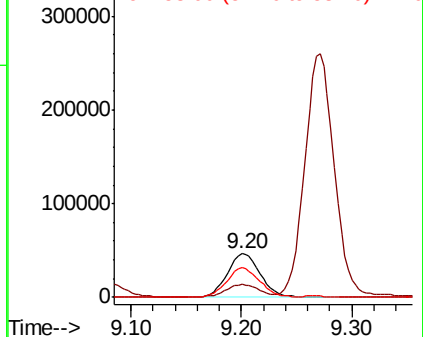
88 100

43 27.4 23.7 35.5

58 67.2 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: 50.60 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051130.D

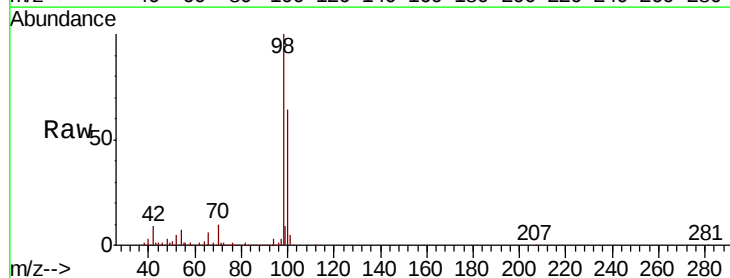
Acq: 11 Sep 2018 16:26

Tgt Ion: 98 Resp: 1409841

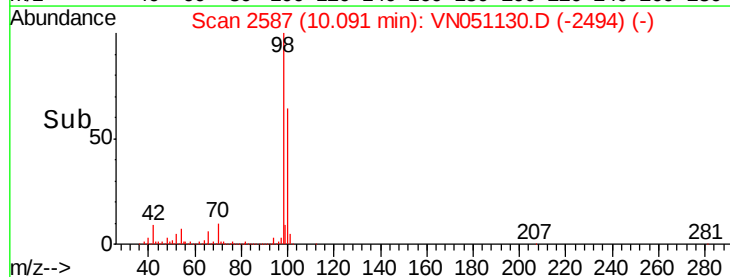
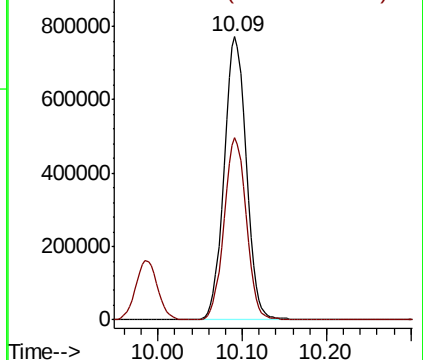
Ion Ratio Lower Upper

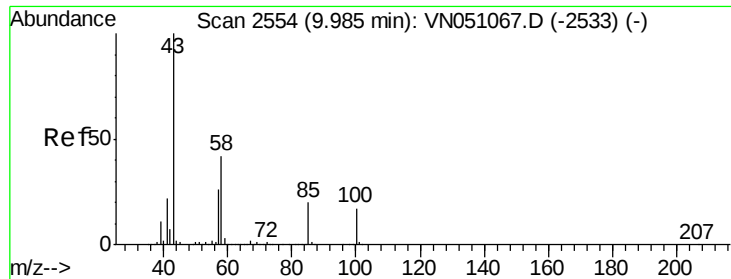
98 100

100 64.7 52.0 78.0



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

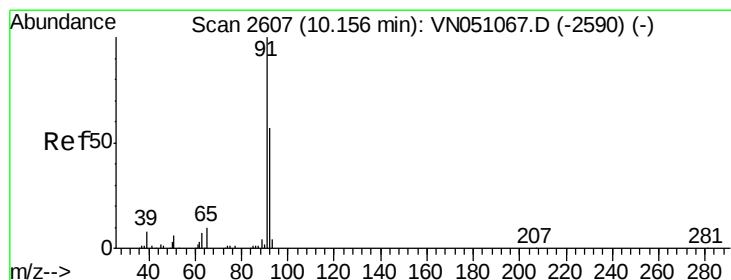
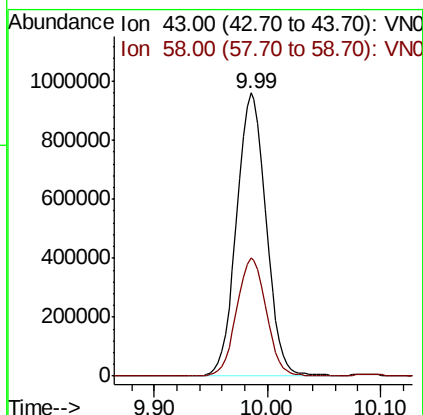
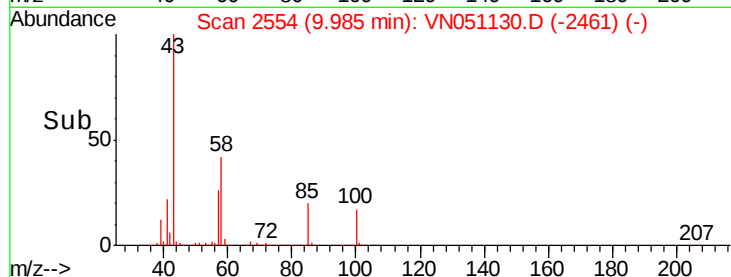
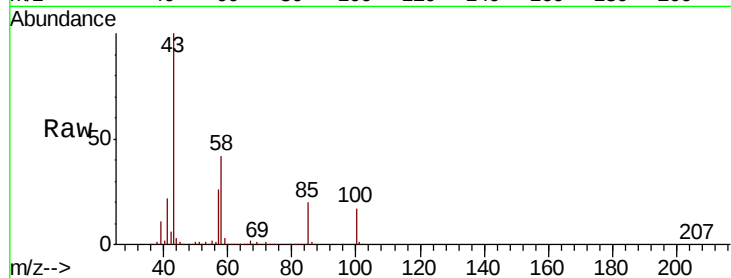




#51
4-Methyl-2-Pentanone
Concen: 288.43 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

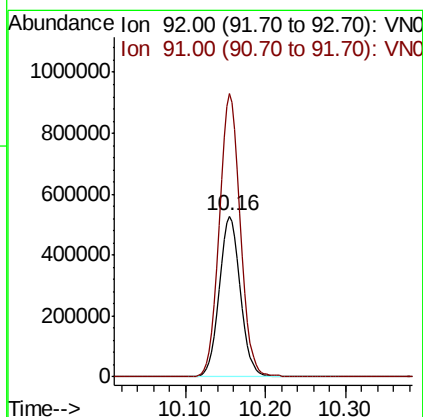
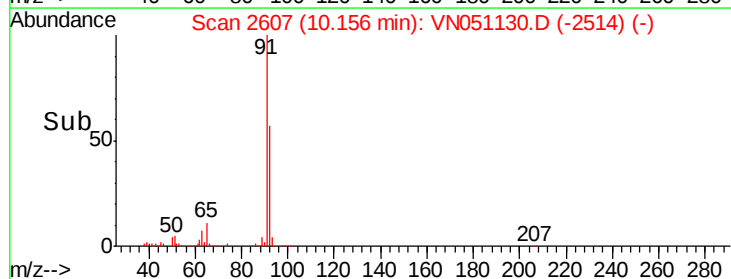
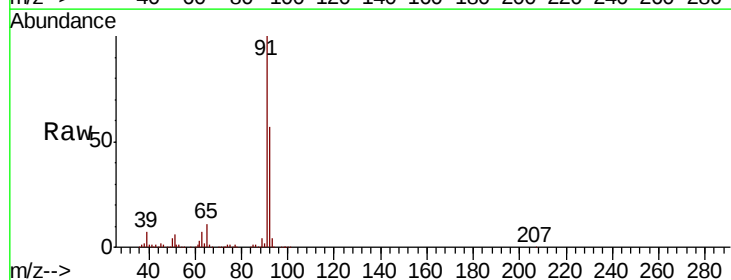
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-DMS

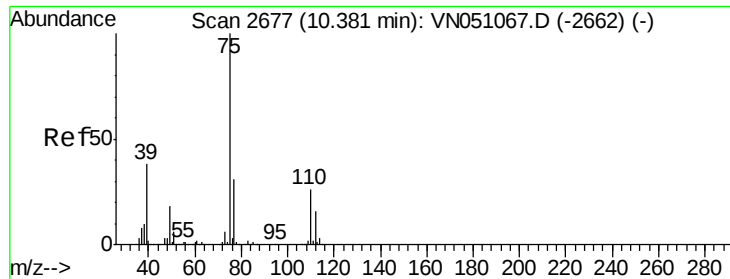
Tot Ion: 43 Resp: 1748796
Ion Ratio Lower Upper
43 100
58 41.8 33.5 50.3



#52
Toluene
Concen: 48.83 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion: 92 Resp: 962541
Ion Ratio Lower Upper
92 100
91 175.5 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 50.36 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

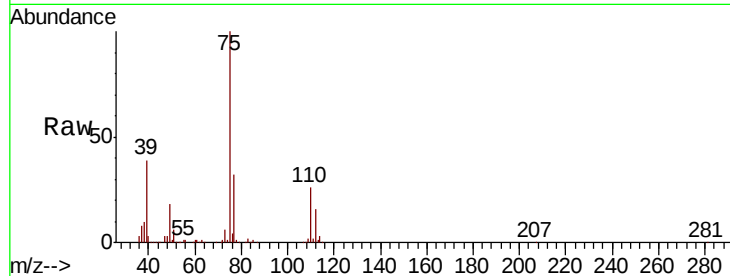
EP1-MW-DMS

Tot Ion: 75 Resp: 522406

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

10.38

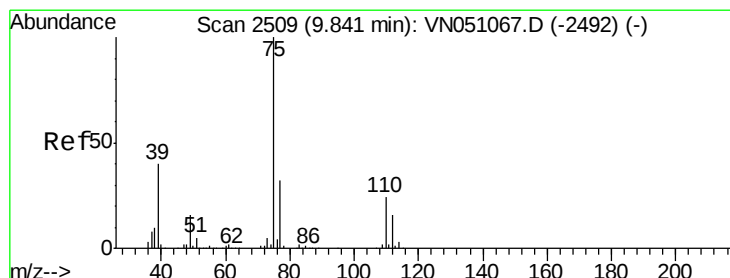
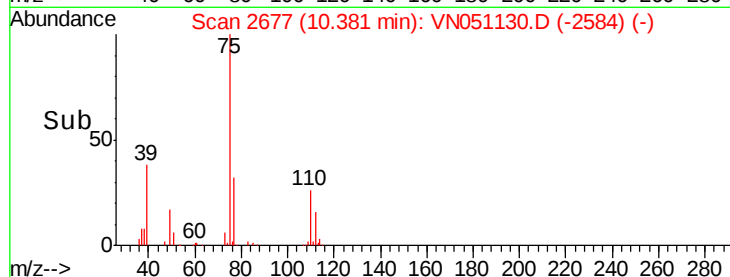
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.14 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

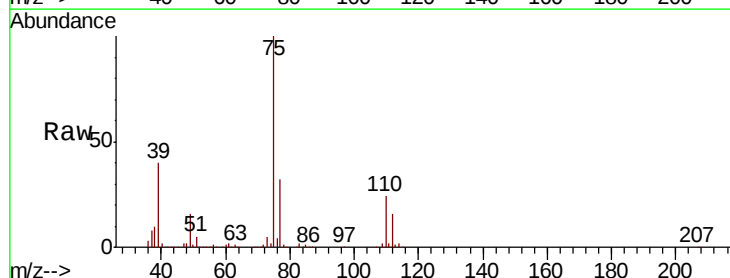
Tgt Ion: 75 Resp: 597707

Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5

39 39.7 31.9 47.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

400000

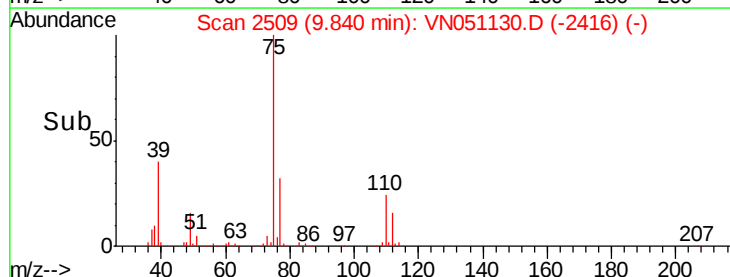
300000

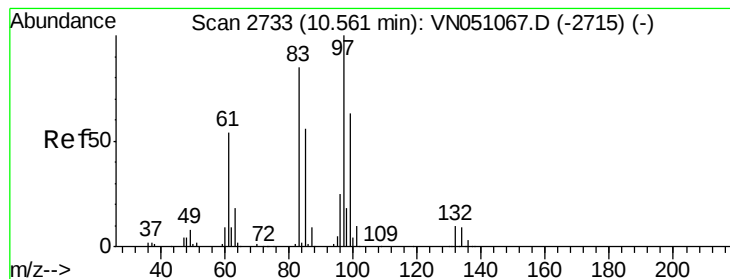
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 51.62 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMS

Tot Ion: 97 Resp: 369640

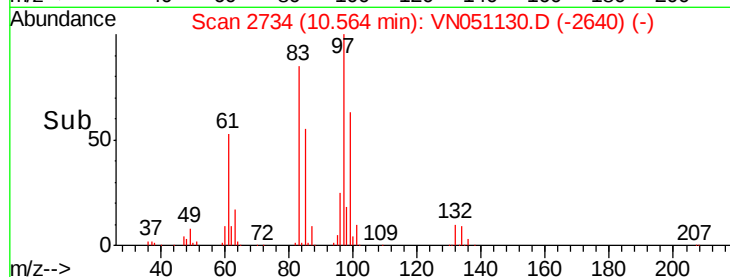
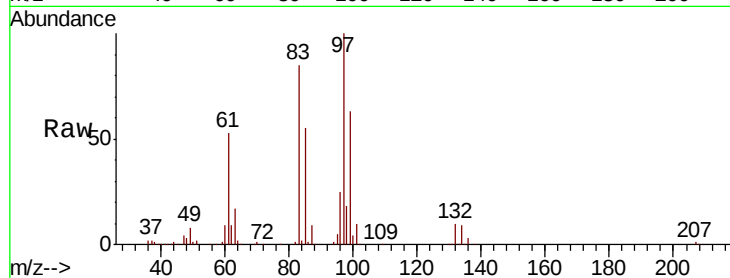
Ion	Ratio	Lower	Upper
97	100		
83	84.8	68.2	102.2
85	54.9	44.8	67.2
99	62.8	50.2	75.4

97 100

83 84.8 68.2 102.2

85 54.9 44.8 67.2

99 62.8 50.2 75.4



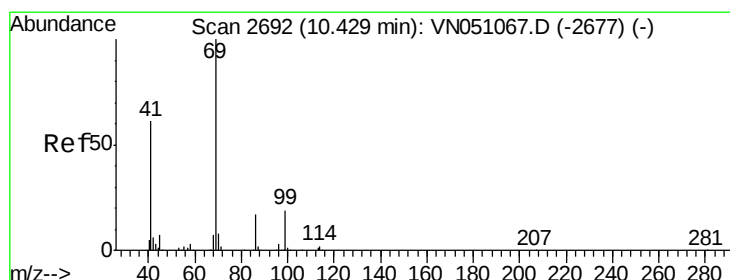
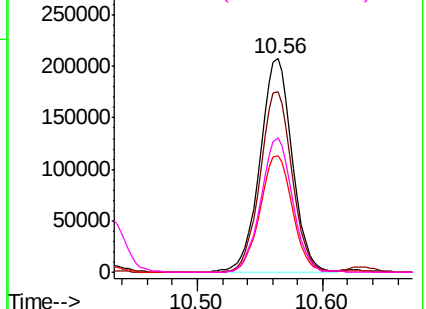
Abundance

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: 51.86 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

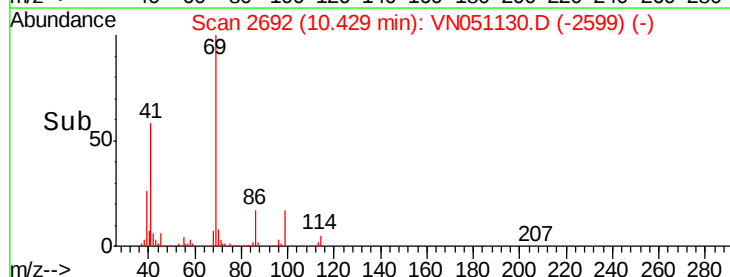
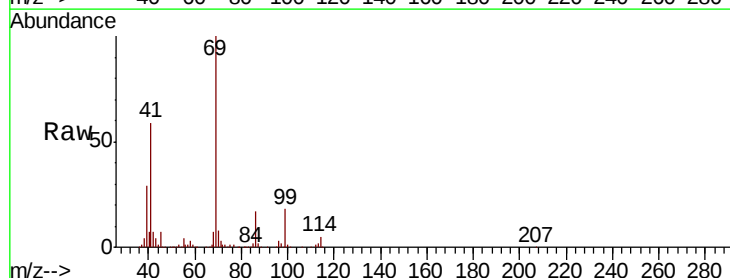
Tgt Ion: 69 Resp: 499243

Ion	Ratio	Lower	Upper
69	100		
41	58.4	47.8	71.8
39	28.3	23.0	34.4

69 100

41 58.4 47.8 71.8

39 28.3 23.0 34.4

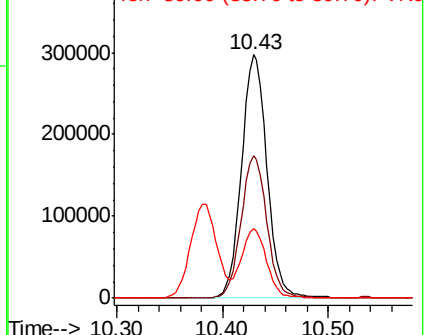


Abundance

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: 50.72 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

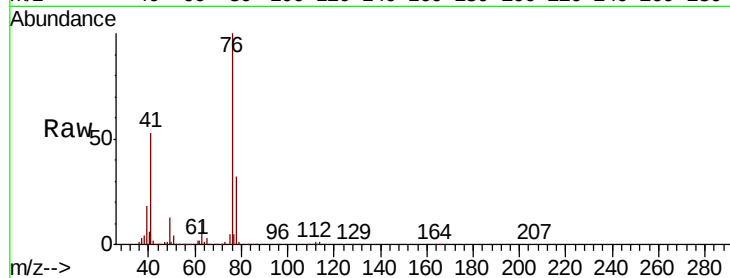
EP1-MW-DMS

Tot Ion: 76 Resp: 602168

Ion Ratio Lower Upper

76 100

78 31.7 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN051067.D (-2763) (-)

Ion 77.90 (77.60 to 78.60): VN051067.D (-2763) (-)

10.71

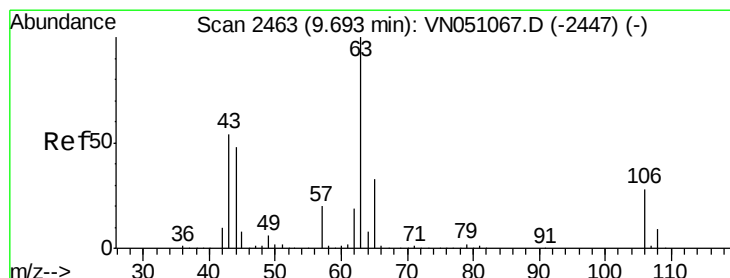
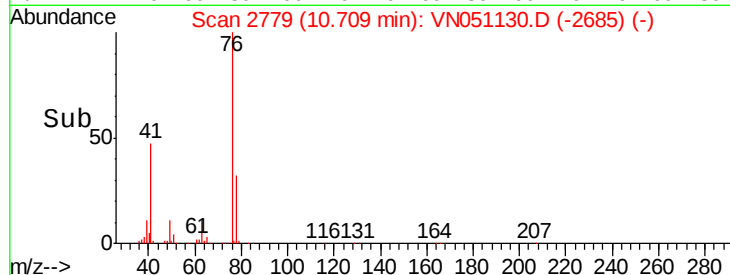
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 23.41 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051130.D

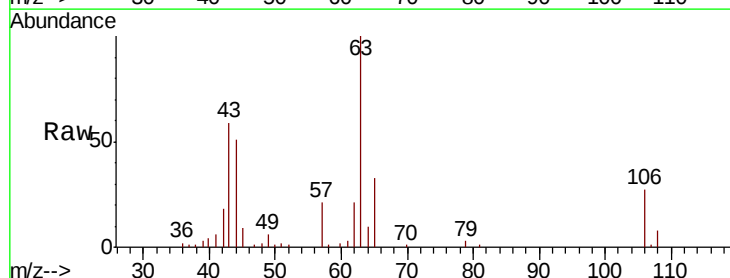
Acq: 11 Sep 2018 16:26

Tgt Ion: 63 Resp: 35219

Ion Ratio Lower Upper

63 100

106 27.0 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VN051067.D (-2447) (-)

Ion 105.90 (105.60 to 106.60): VN051067.D (-2447) (-)

9.70

20000

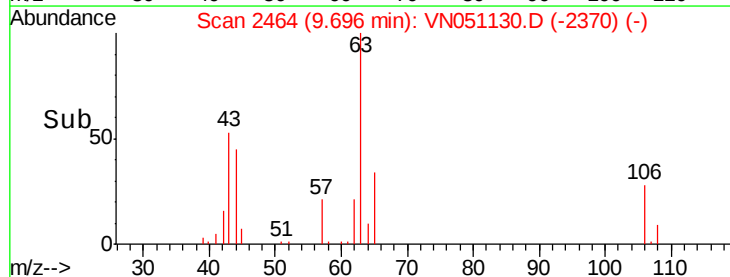
15000

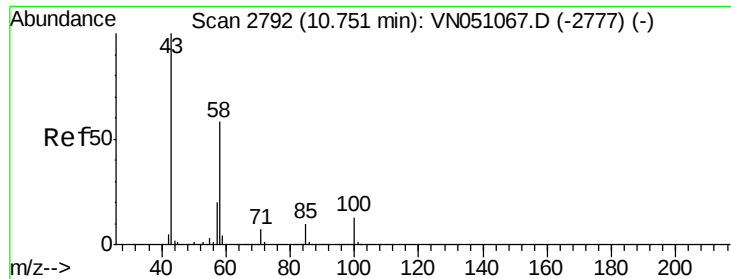
10000

5000

0

Time-->

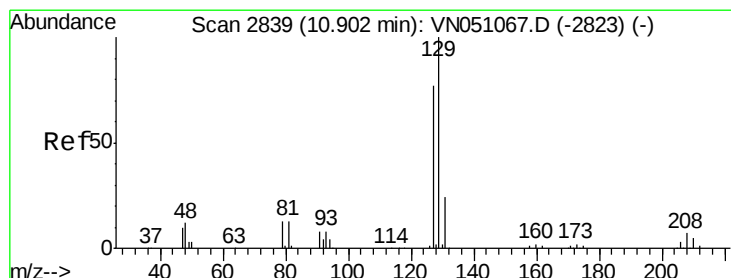
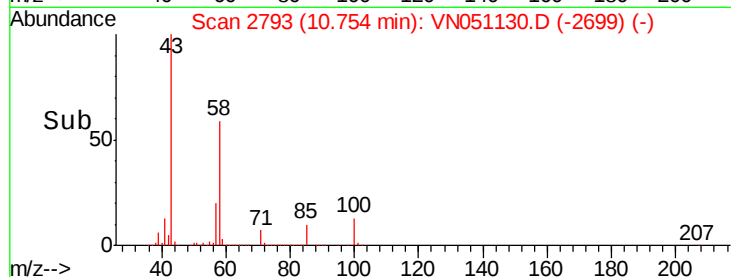
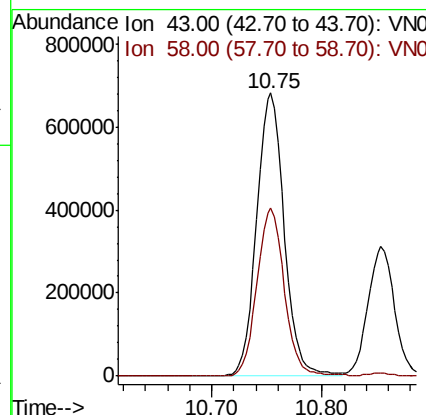
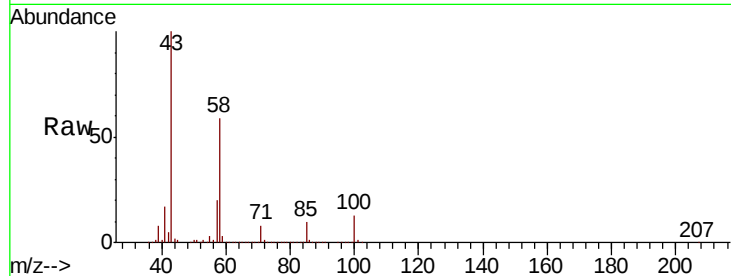




#59
2-Hexanone
Concen: 286.40 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

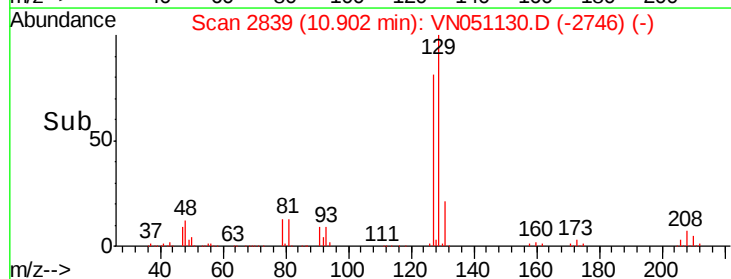
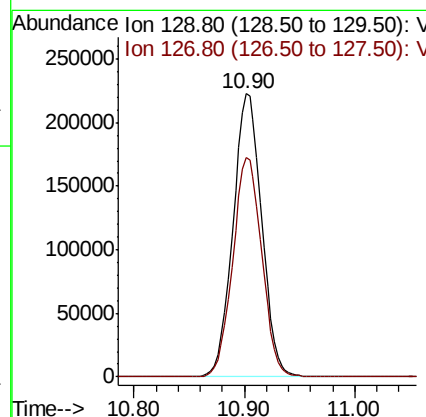
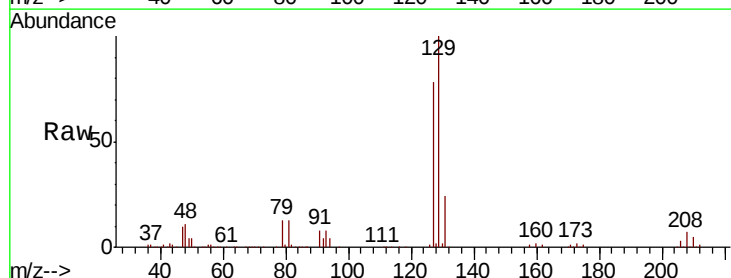
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

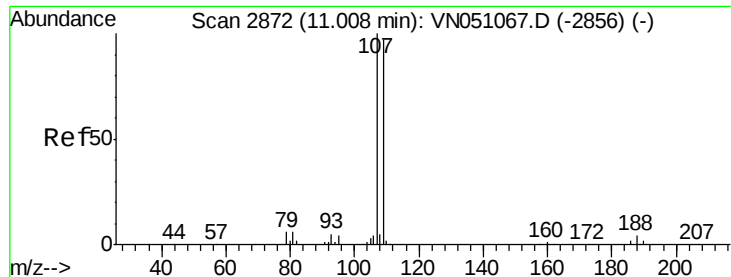
Tot Ion: 43 Resp: 1177638
Ion Ratio Lower Upper
43 100
58 59.2 29.3 88.0



#60
Dibromochloromethane
Concen: 49.75 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion: 129 Resp: 401533
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5

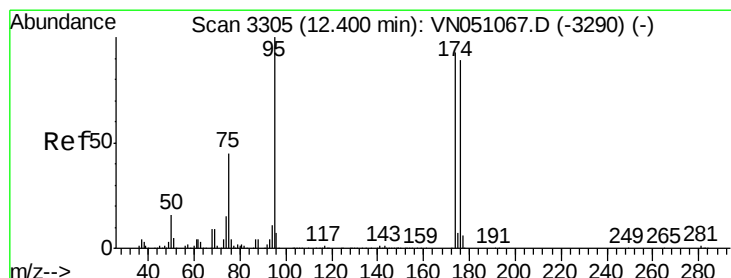
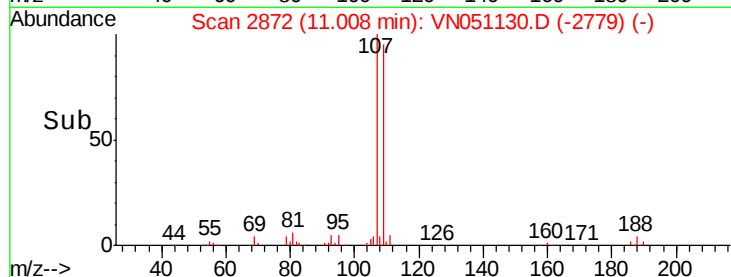
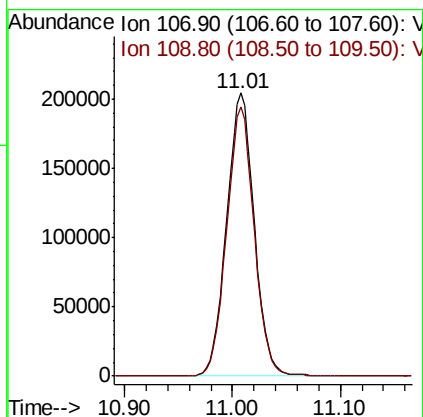
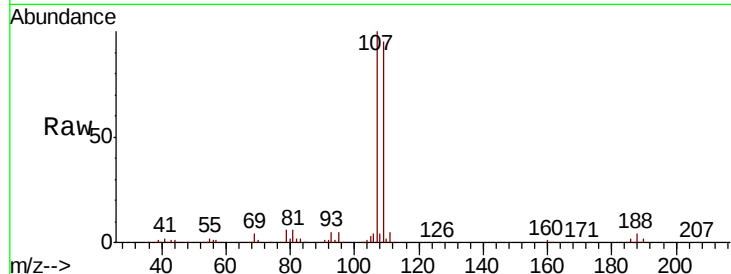




#61
1,2-Dibromoethane
Concen: 52.11 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

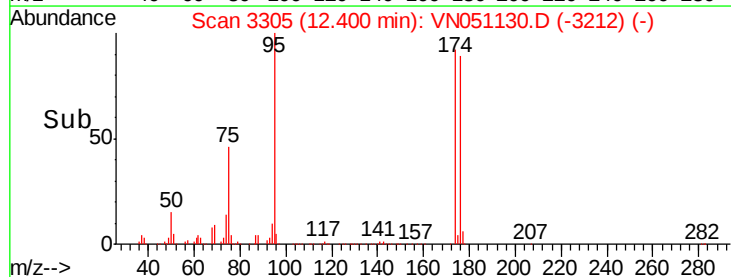
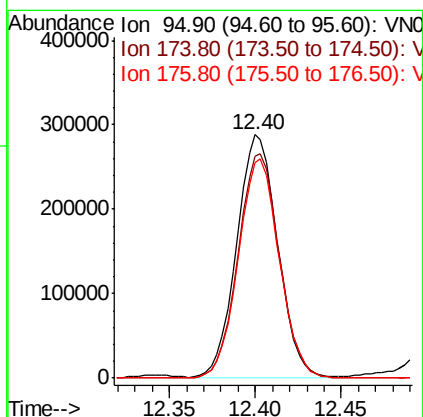
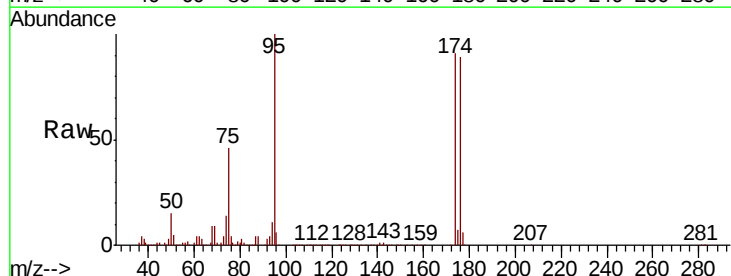
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

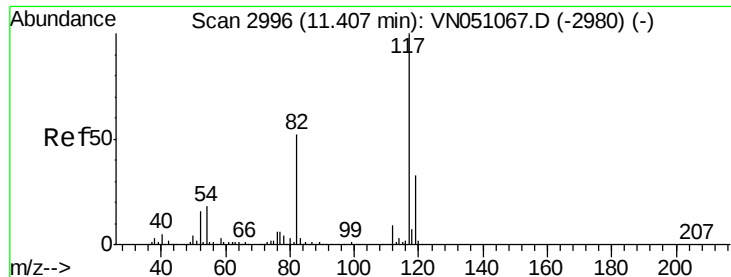
Tot Ion:107 Resp: 364794
Ion Ratio Lower Upper
107 100
109 94.6 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 51.29 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion: 95 Resp: 472732
Ion Ratio Lower Upper
95 100
174 93.8 0.0 184.8
176 90.8 0.0 178.6

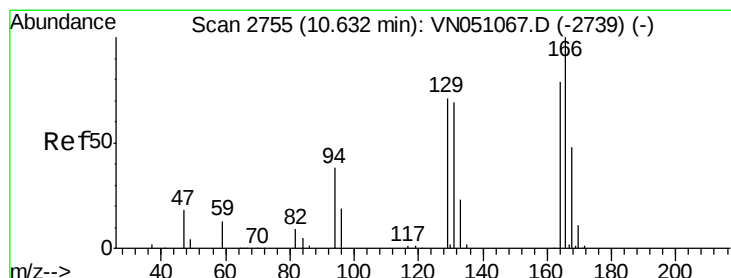
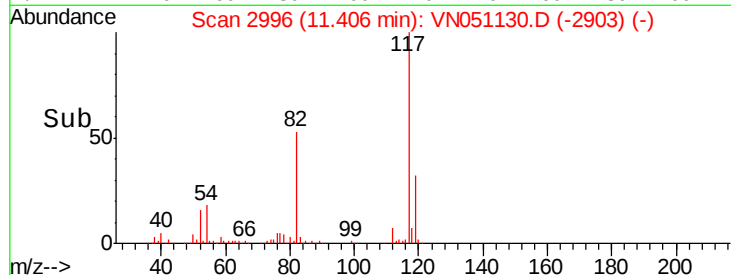
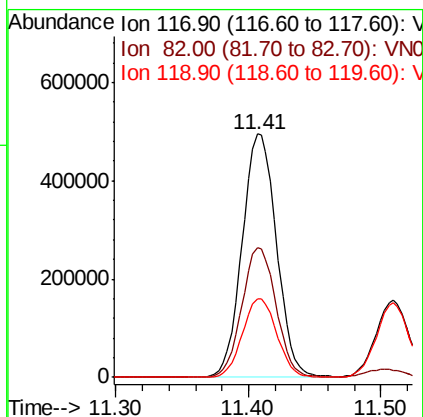
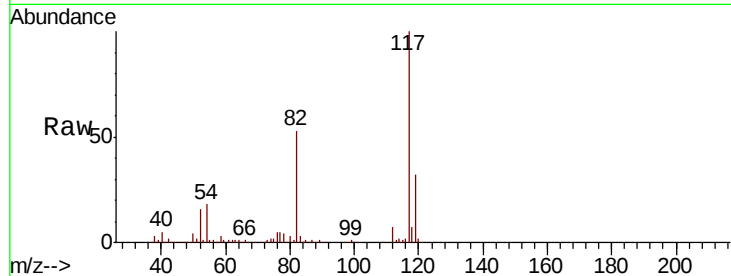




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

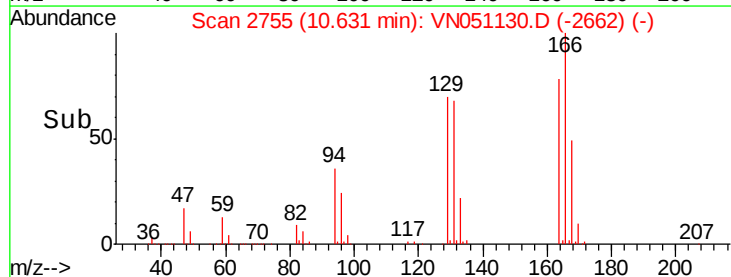
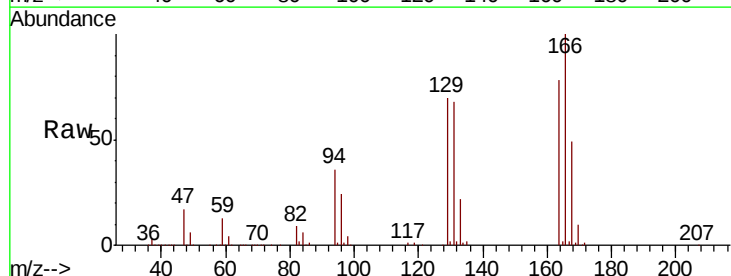
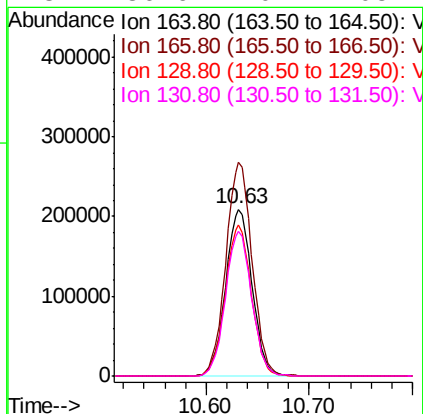
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

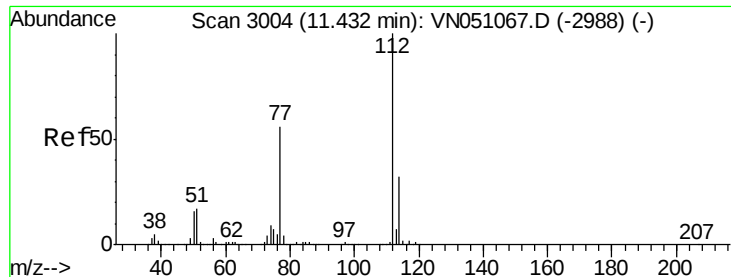
Tot Ion:117 Resp: 891244
Ion Ratio Lower Upper
117 100
82 53.4 41.8 62.6
119 32.0 26.2 39.2



#64
Tetrachloroethene
Concen: 45.86 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion:164 Resp: 372994
Ion Ratio Lower Upper
164 100
166 128.1 101.3 151.9
129 90.3 72.2 108.2
131 86.6 70.2 105.2

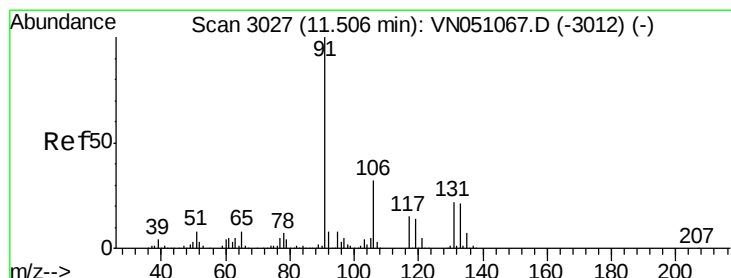
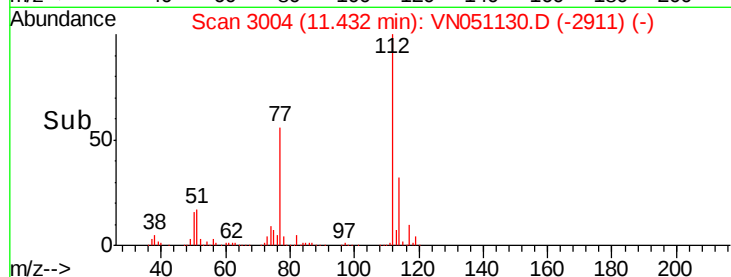
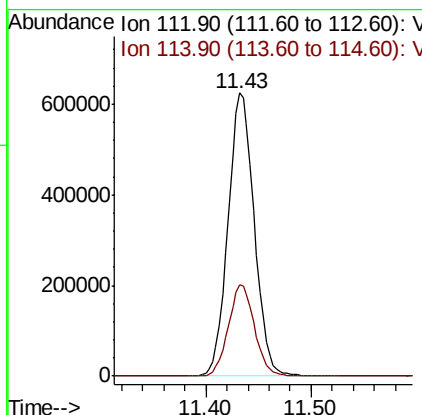
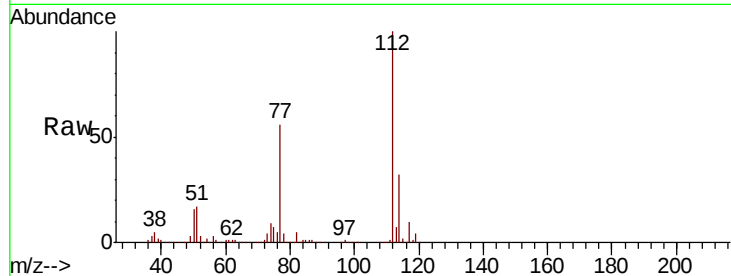




#65
Chlorobenzene
Concen: 47.64 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

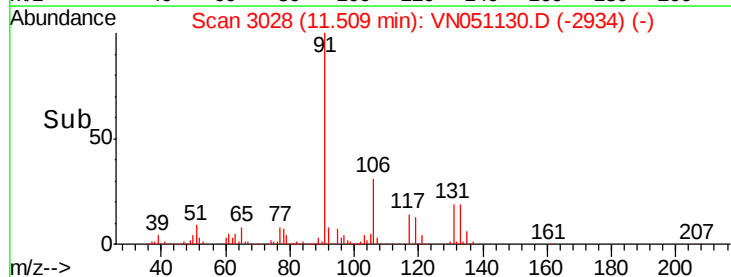
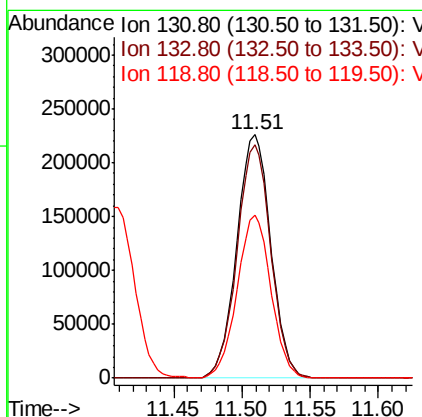
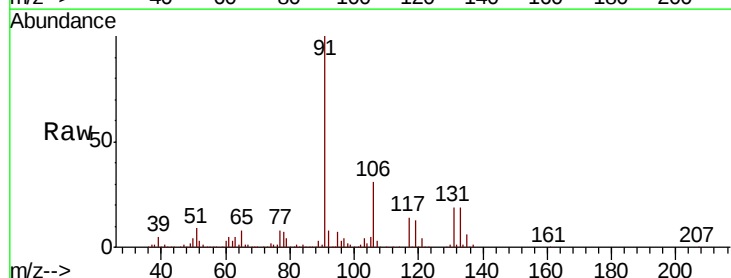
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

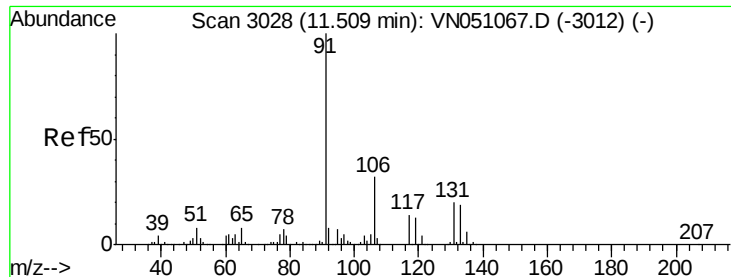
Tot Ion:112 Resp: 1070313
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.31 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion:131 Resp: 390756
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.6
119 66.4 33.2 99.6

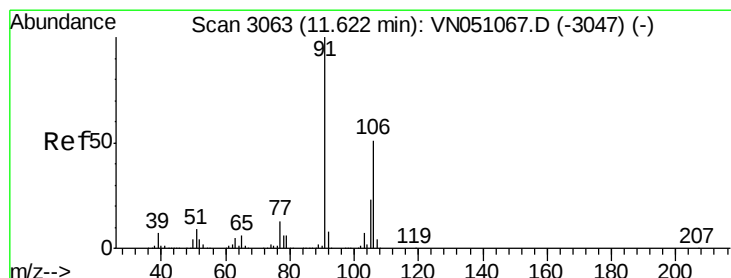
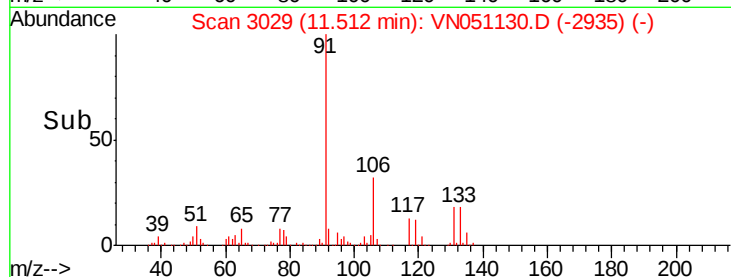
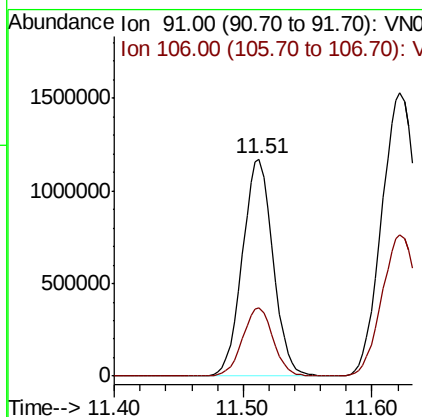
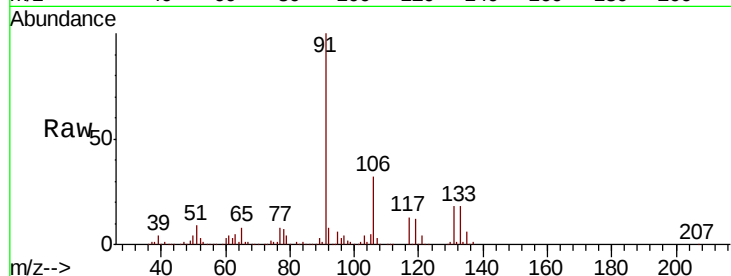




#67
Ethyl Benzene
Concen: 53.30 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

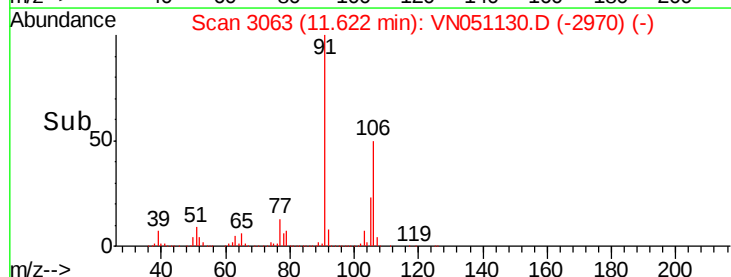
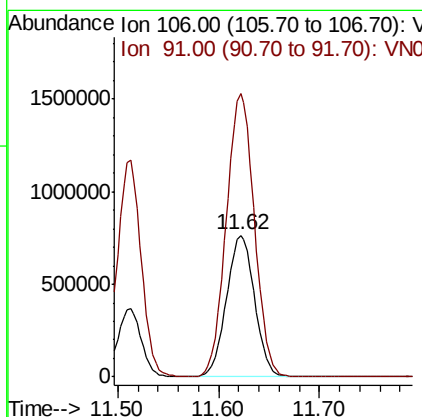
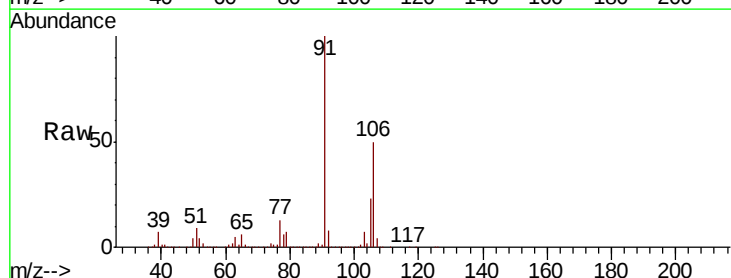
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-DMS

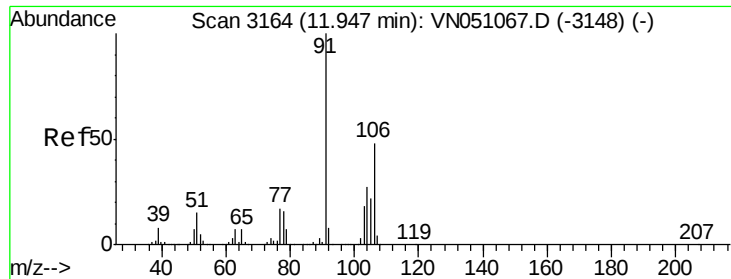
Tot Ion: 91 Resp: 1939131
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2



#68
m/p-Xylenes
Concen: 106.22 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion: 106 Resp: 1484799
Ion Ratio Lower Upper
106 100
91 200.0 159.8 239.6

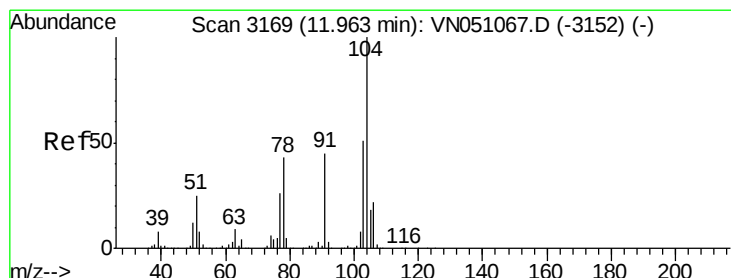
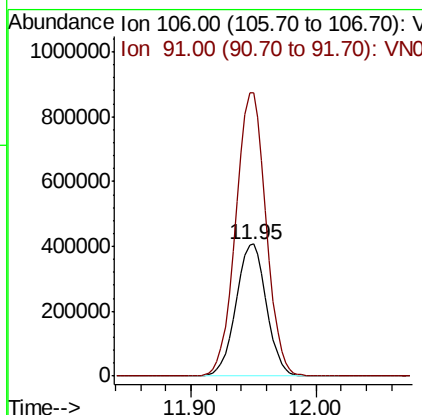
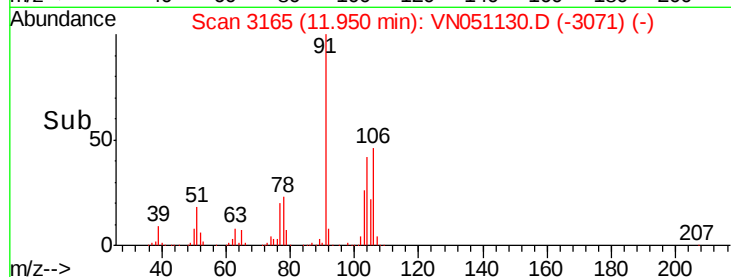
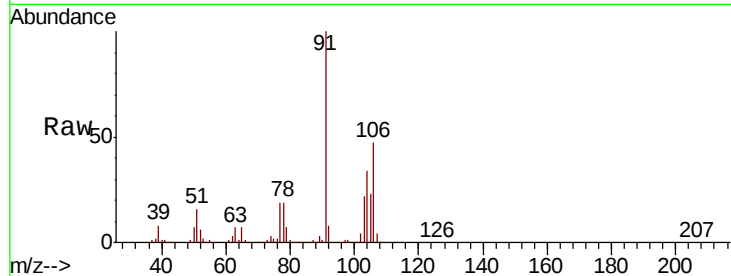




#69
o-Xylene
Concen: 50.73 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

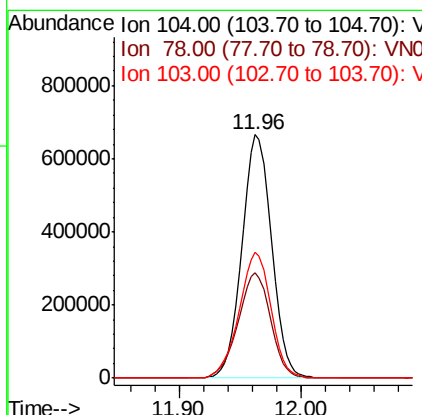
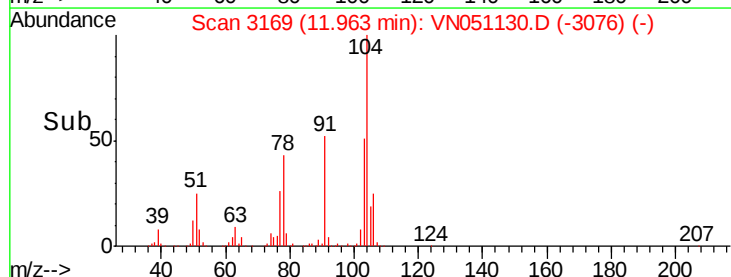
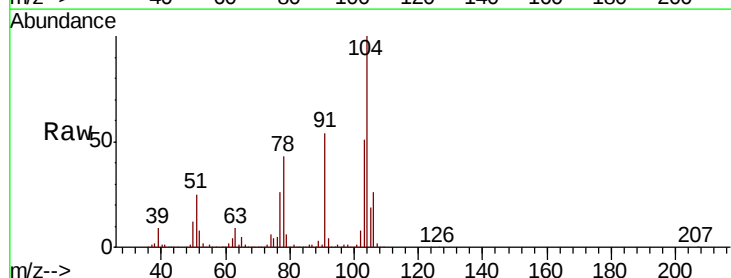
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-DMS

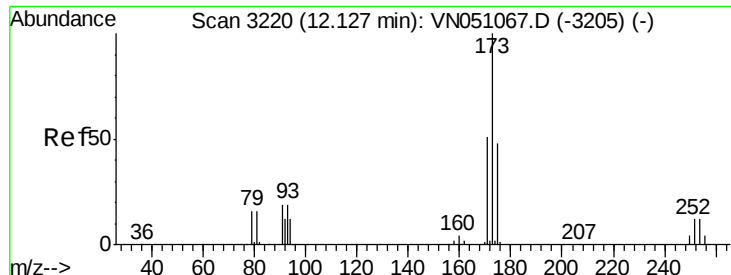
Tot Ion:106 Resp: 686687
Ion Ratio Lower Upper
106 100
91 213.3 105.1 315.1



#70
Styrene
Concen: 53.10 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion:104 Resp: 1114893
Ion Ratio Lower Upper
104 100
78 47.3 37.7 56.5
103 55.5 44.6 67.0

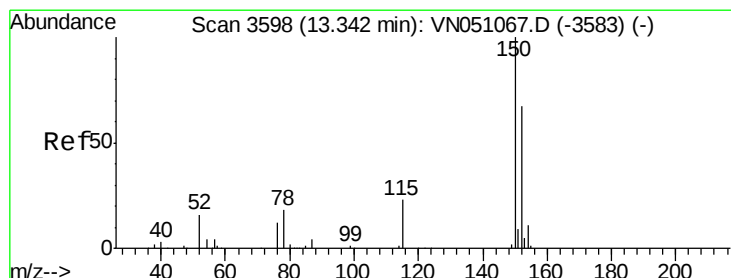
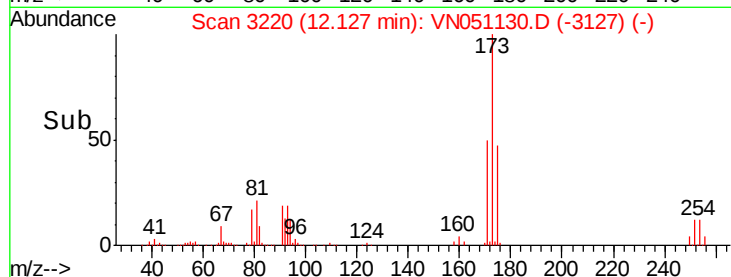
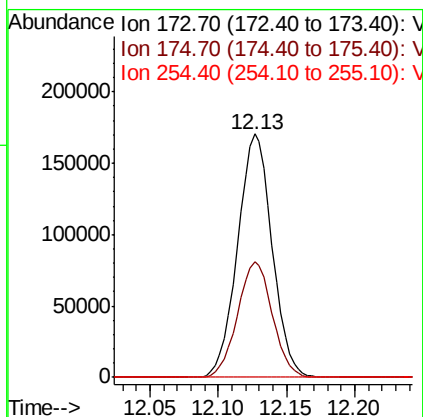
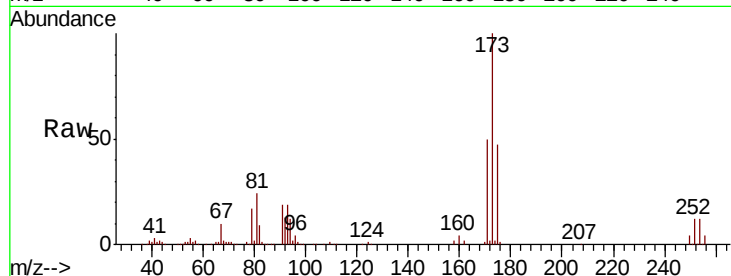




#71
Bromoform
Concen: 52.43 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

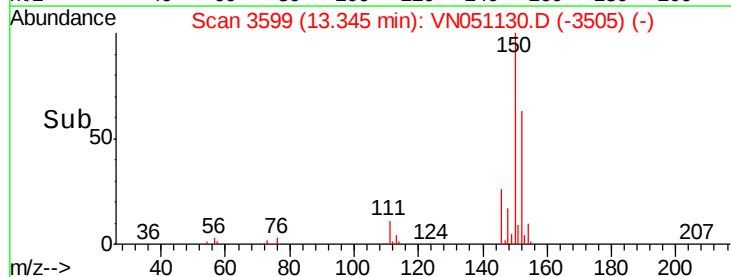
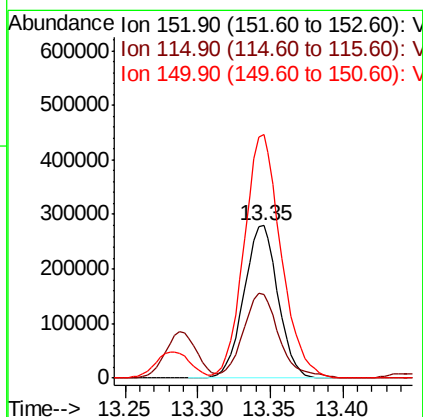
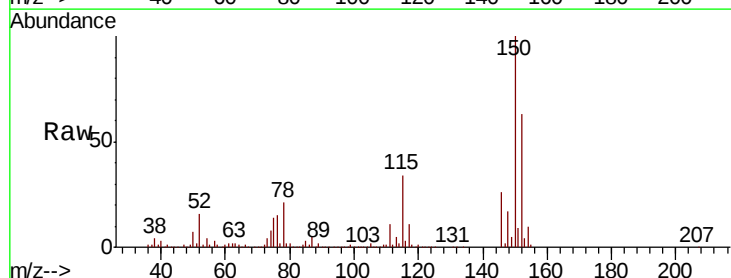
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DMS

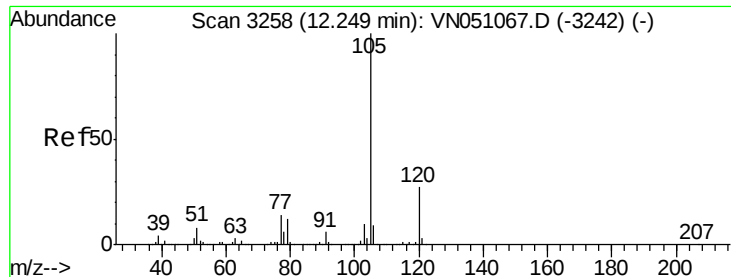
Tot Ion:173 Resp: 298589
Ion Ratio Lower Upper
173 100
175 47.9 24.3 72.9
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051130.D
Acq: 11 Sep 2018 16:26

Tgt Ion:152 Resp: 457035
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 173.2 0.0 349.0





#73

Isopropylbenzene

Concen: 71.40 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

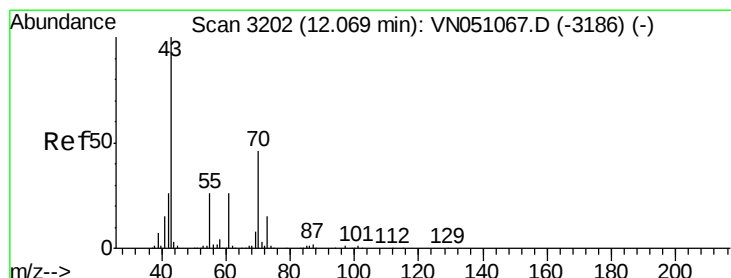
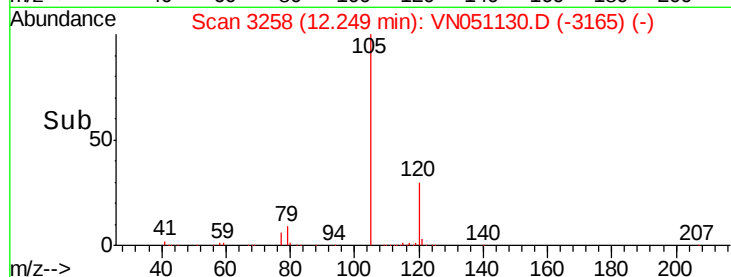
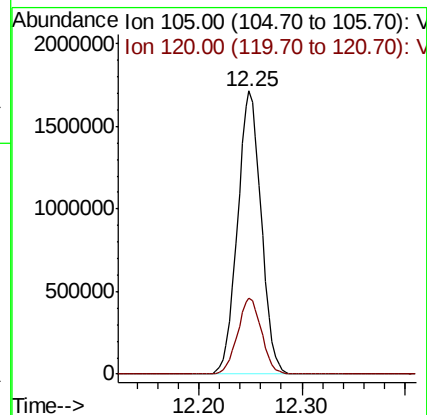
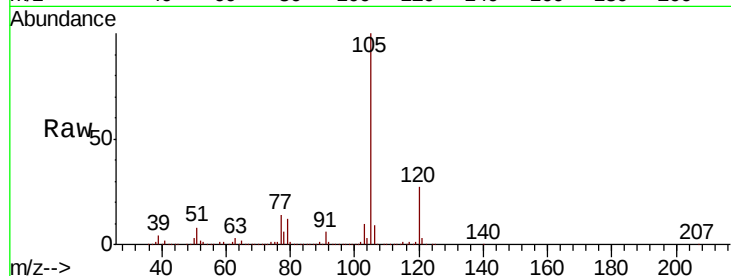
EP1-MW-DMS

Tot Ion:105 Resp: 2736503

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



#74

N-ethyl acetate

Concen: 54.94 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Tgt Ion: 43 Resp: 529961

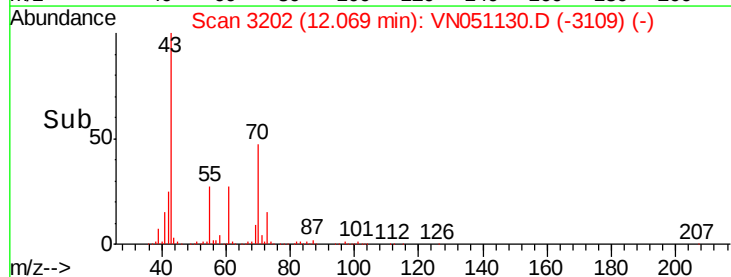
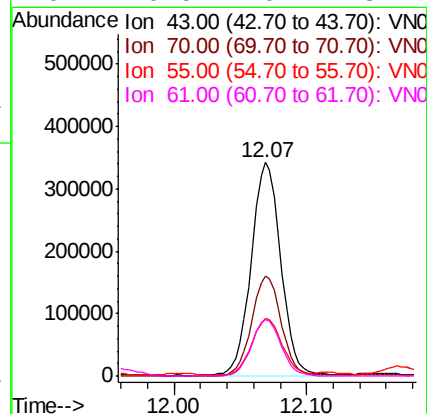
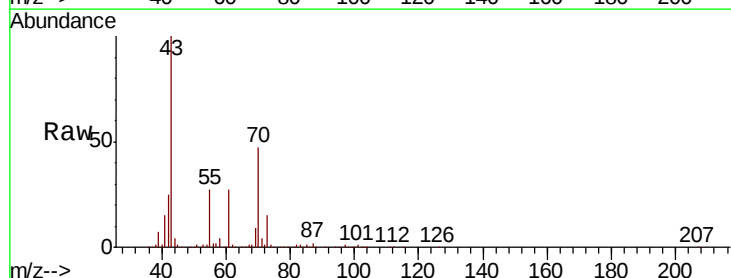
Ion Ratio Lower Upper

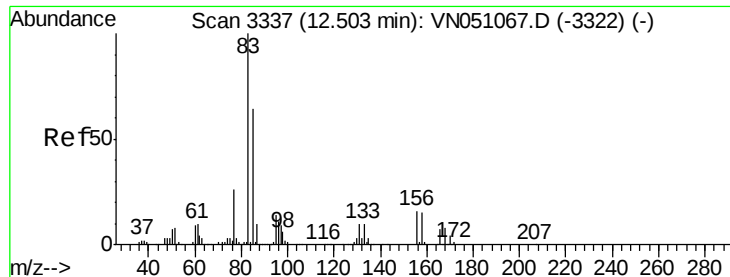
43 100

70 46.4 37.0 55.4

55 27.6 21.3 31.9

61 26.5 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 55.31 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMS

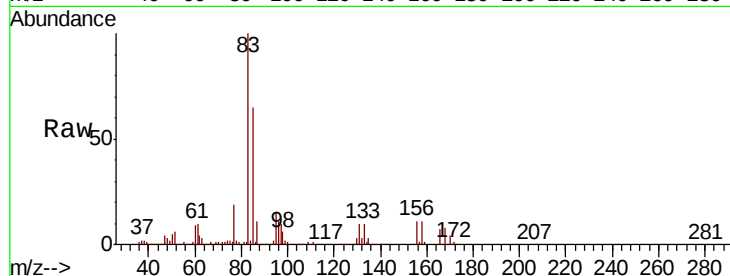
Tot Ion: 83 Resp: 484914

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

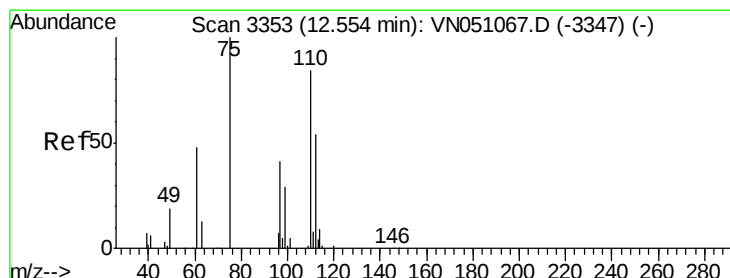
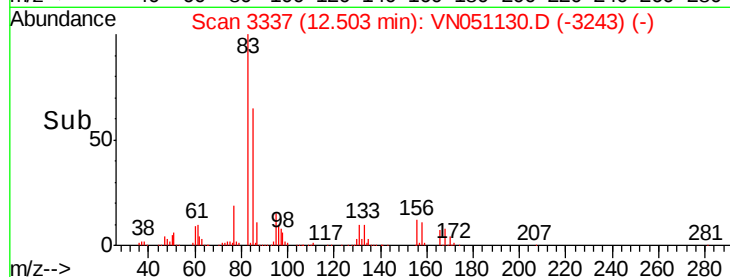
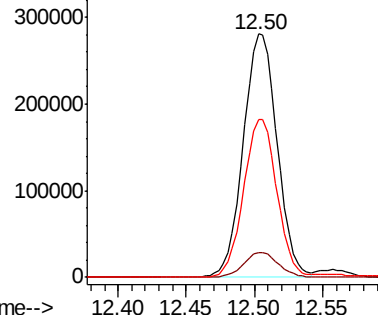
85 63.7 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN051130.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN051130.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN051130.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 80.30 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051130.D

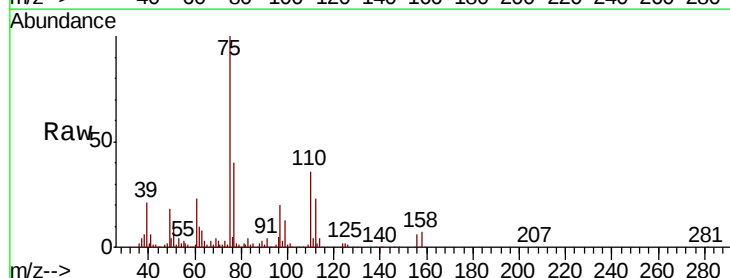
Acq: 11 Sep 2018 16:26

Tgt Ion: 75 Resp: 562569

Ion Ratio Lower Upper

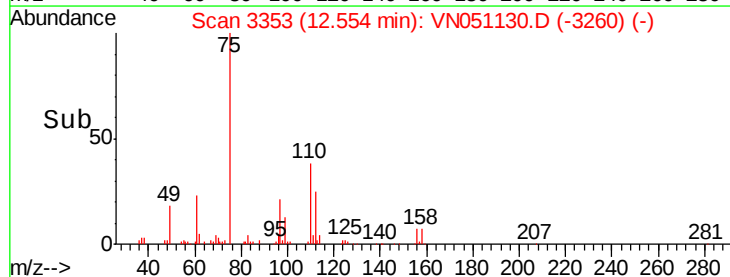
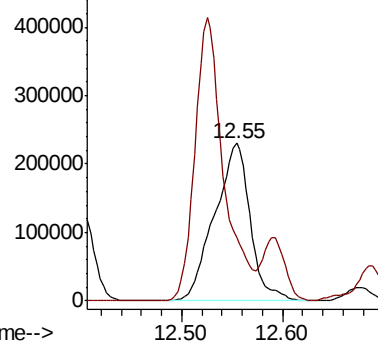
75 100

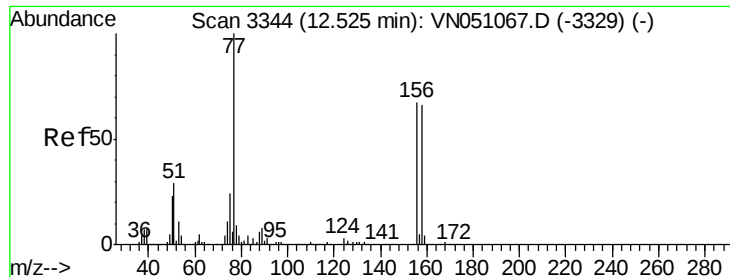
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN051130.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN051130.D (-3260) (-)





#77

Bromobenzene

Concen: 45.22 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-DMS

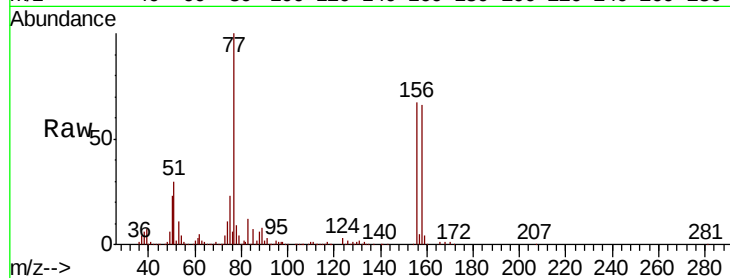
Tot Ion:156 Resp: 465563

Ion Ratio Lower Upper

156 100

77 176.4 87.5 262.6

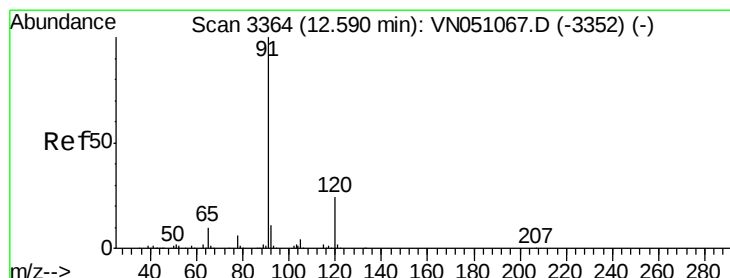
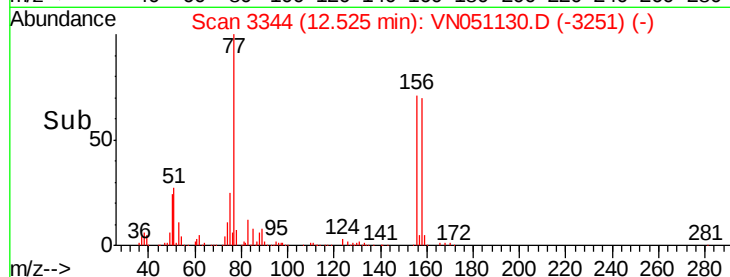
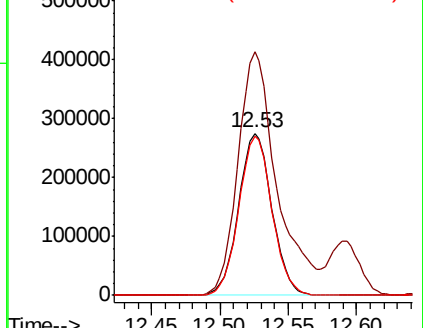
158 97.9 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 94.98 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051130.D

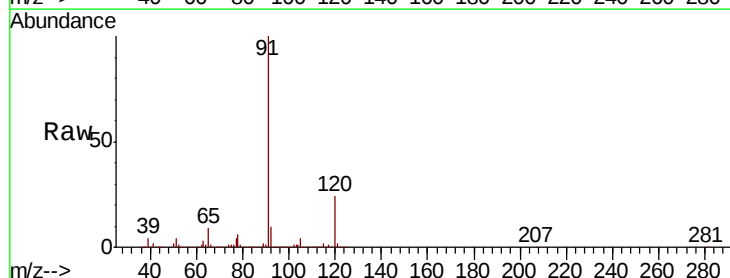
Acq: 11 Sep 2018 16:26

Tgt Ion: 91 Resp: 4001356

Ion Ratio Lower Upper

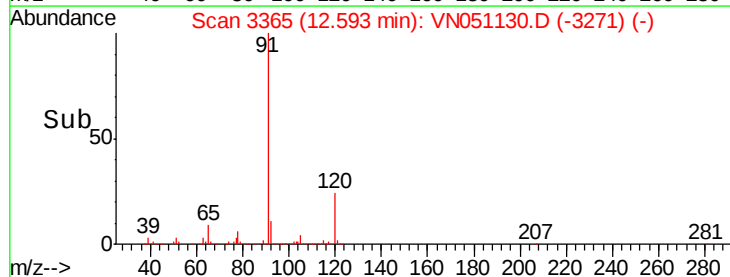
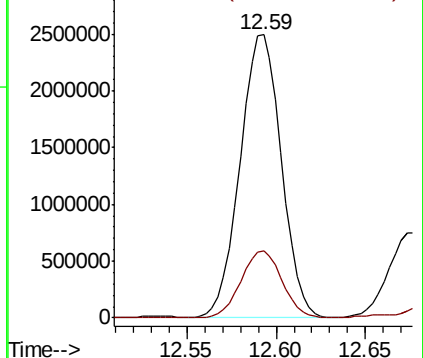
91 100

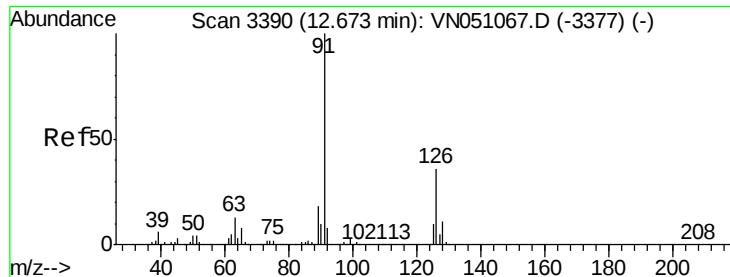
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.13 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampled :

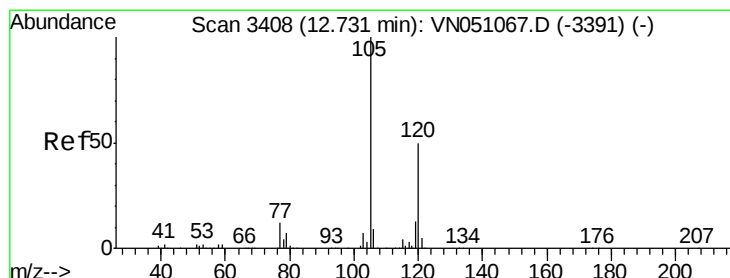
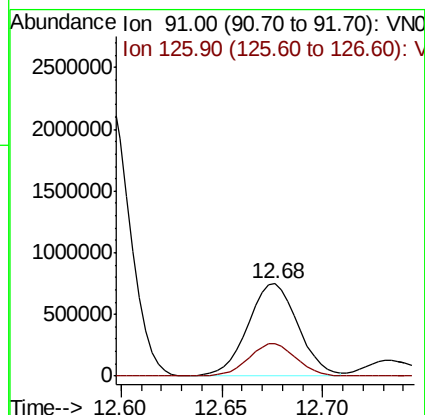
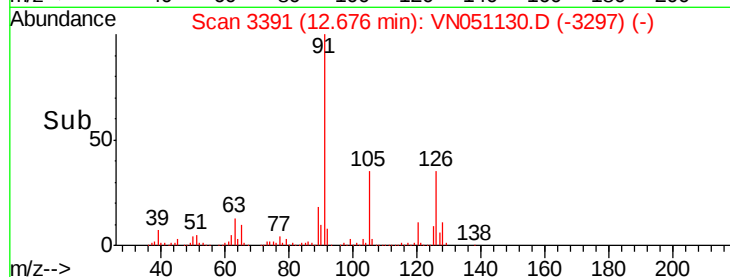
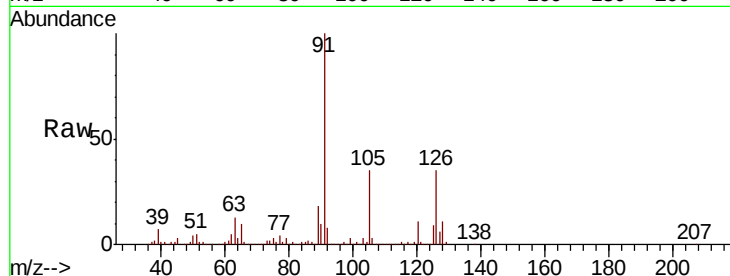
EP1-MW-DMS

Tot Ion: 91 Resp: 1293572

Ion Ratio Lower Upper

91 100

126 33.5 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 67.50 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051130.D

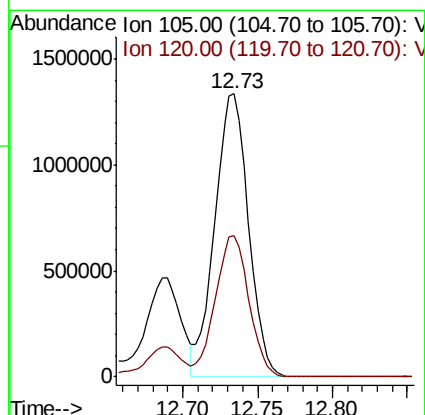
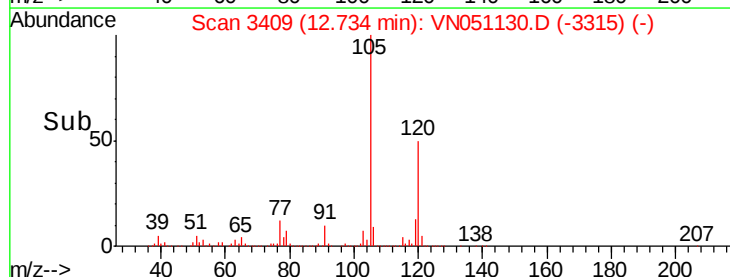
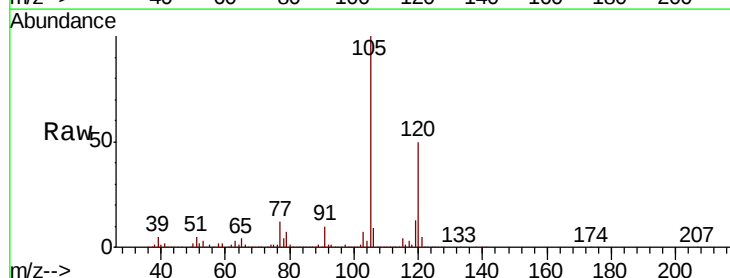
Acq: 11 Sep 2018 16:26

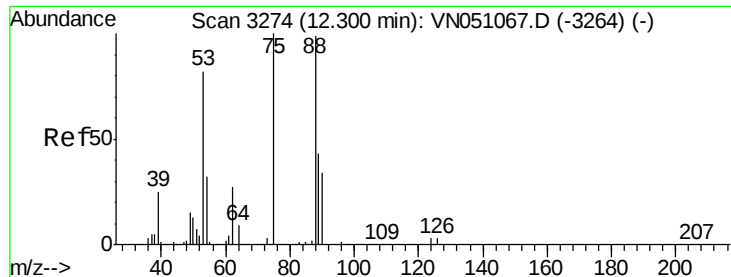
Tgt Ion: 105 Resp: 2091708

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 49.40 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMS

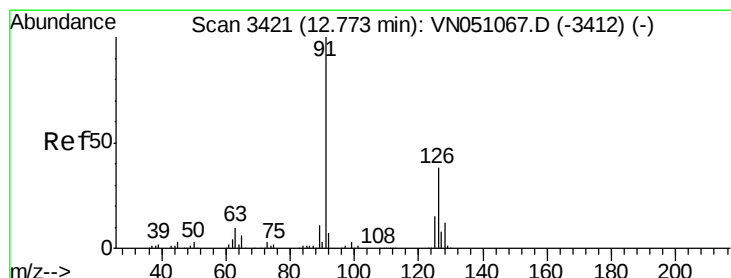
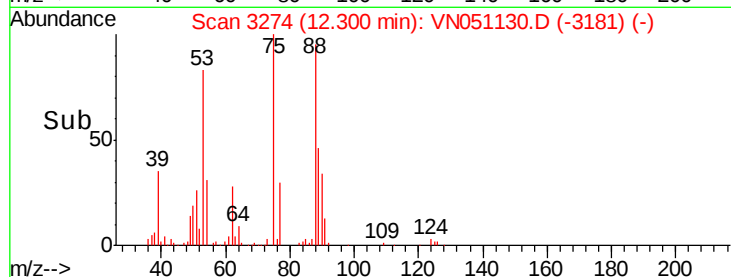
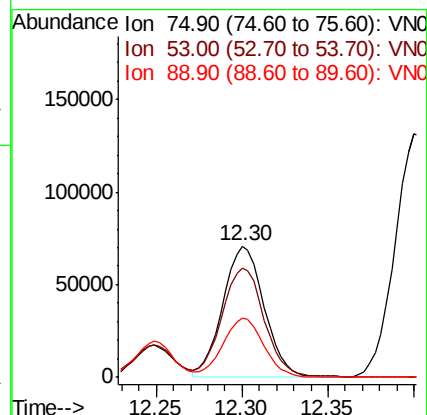
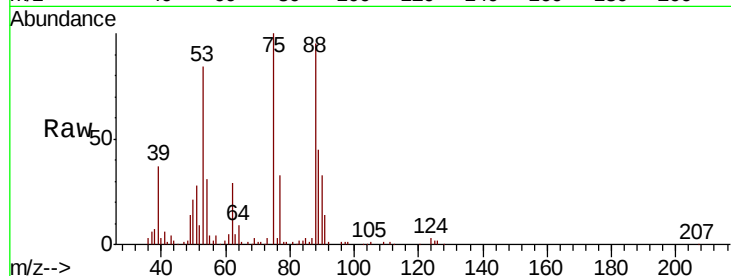
Tot Ion: 75 Resp: 118890

Ion Ratio Lower Upper

75 100

53 85.0 67.8 101.8

89 45.0 36.0 54.0



#82

4-Chlorotoluene

Concen: 45.49 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051130.D

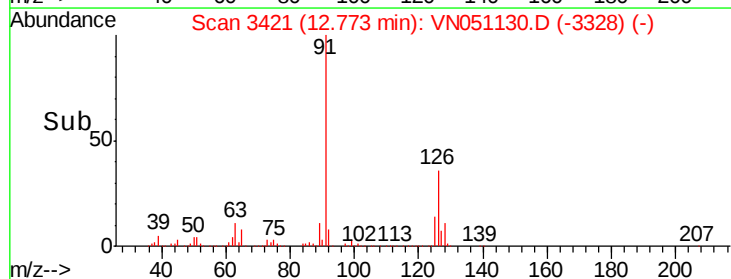
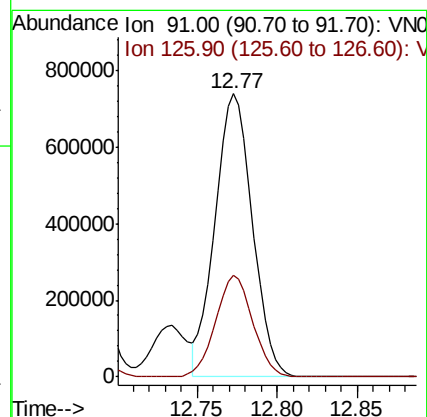
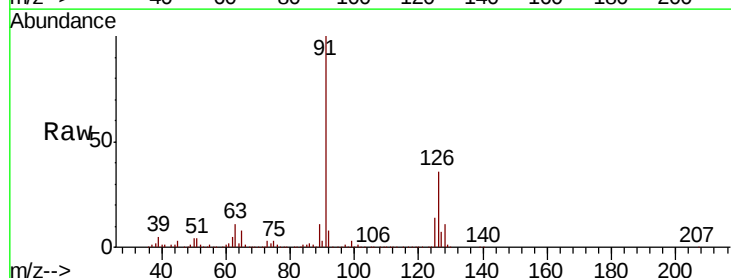
Acq: 11 Sep 2018 16:26

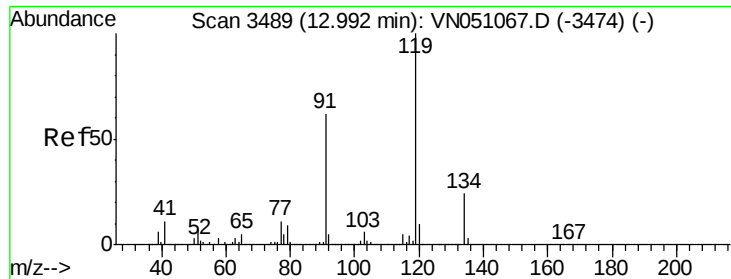
Tgt Ion: 91 Resp: 1189021

Ion Ratio Lower Upper

91 100

126 35.5 17.6 52.8

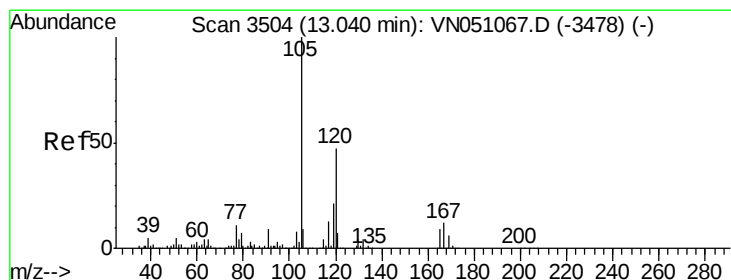
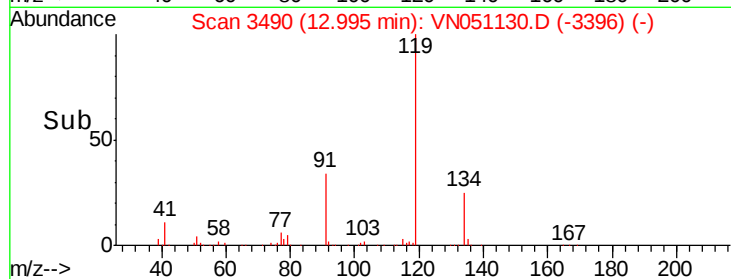
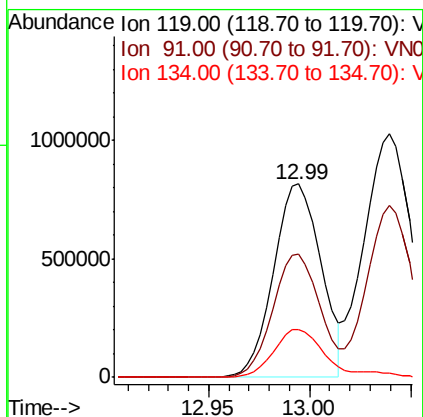
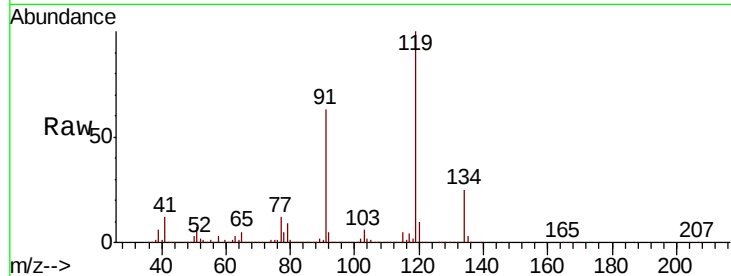




#83
 tert-Butylbenzene
 Concen: 48.67 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

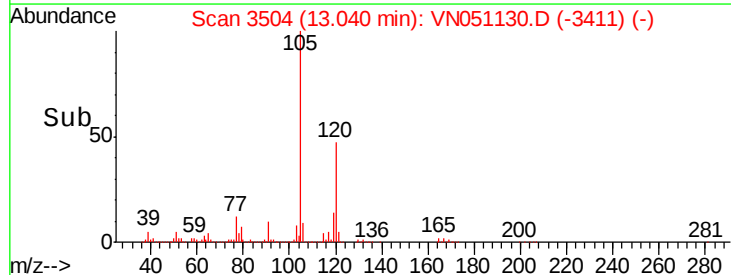
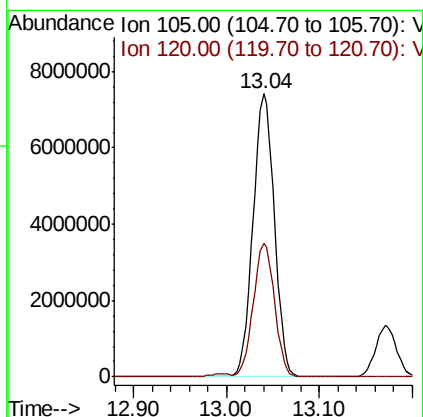
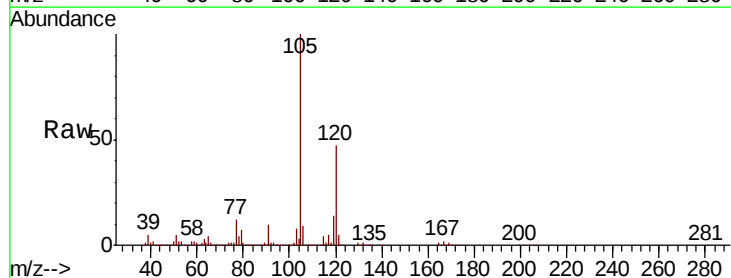
Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-DMS

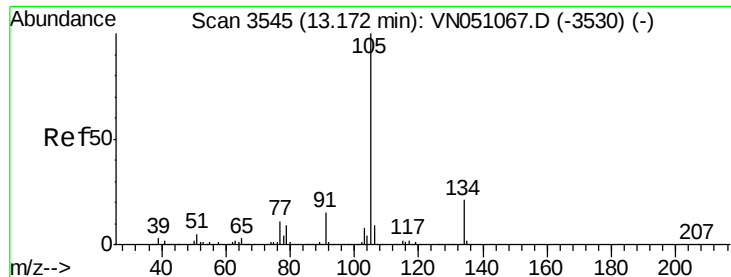
Tot Ion:119 Resp: 1331496
 Ion Ratio Lower Upper
 119 100
 91 64.6 30.8 92.3
 134 27.4 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 387.59 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Tgt Ion:105 Resp:11809264
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.3 69.8





#85

sec-Butylbenzene

Concen: 59.99 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

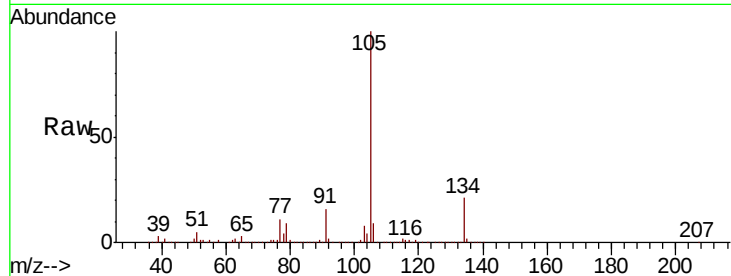
EP1-MW-DMS

Tot Ion:105 Resp: 2104897

Ion Ratio Lower Upper

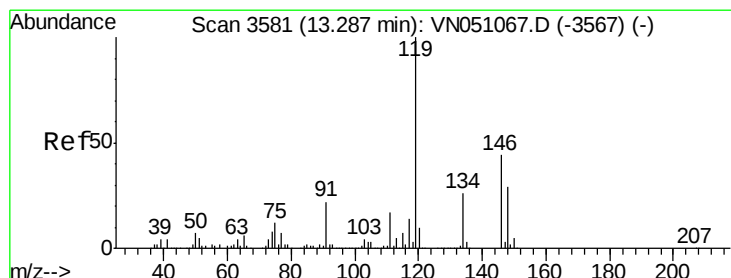
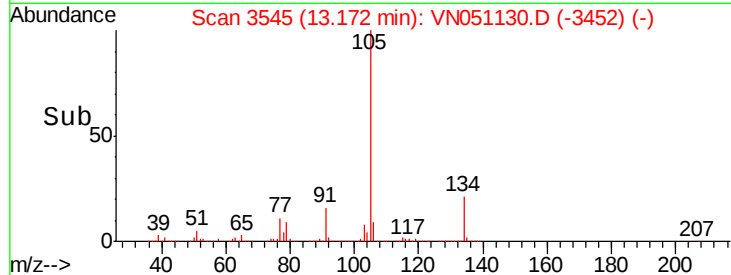
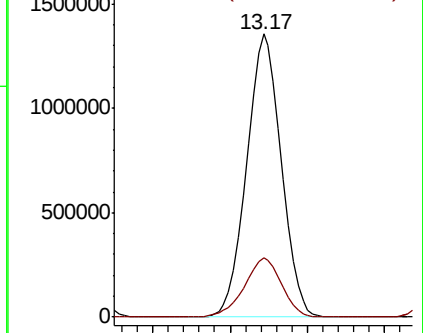
105 100

134 22.8 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 59.32 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

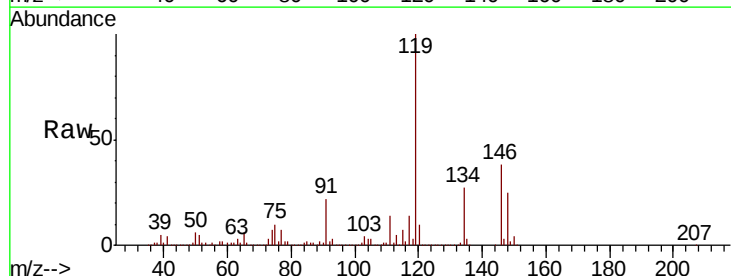
Tgt Ion:119 Resp: 1764670

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

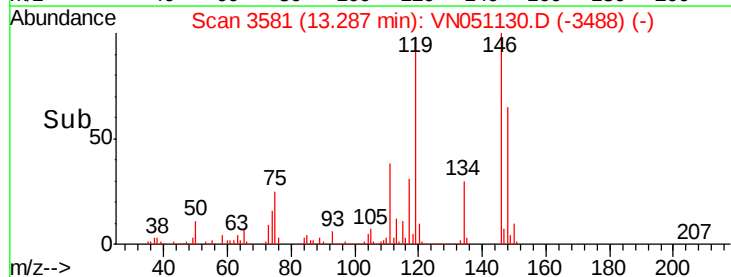
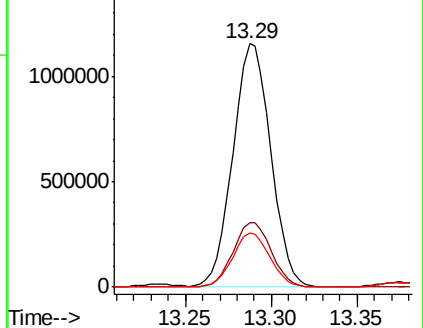
91 21.8 10.9 32.9

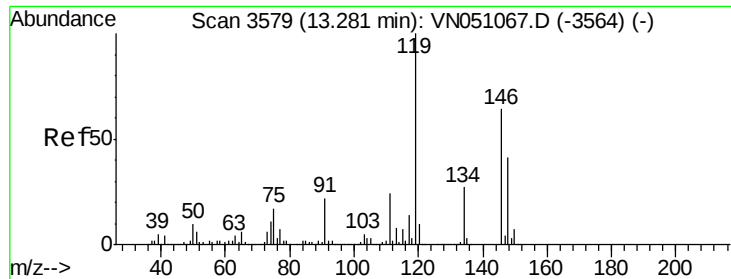


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

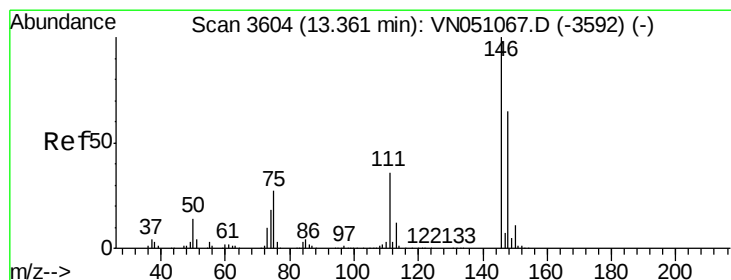
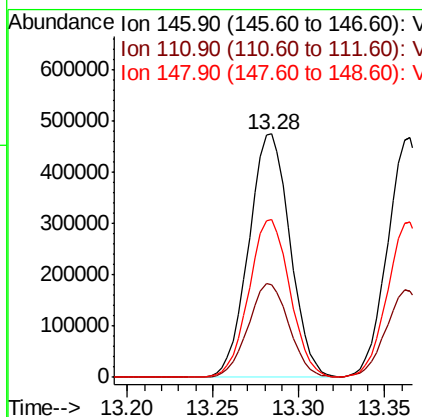
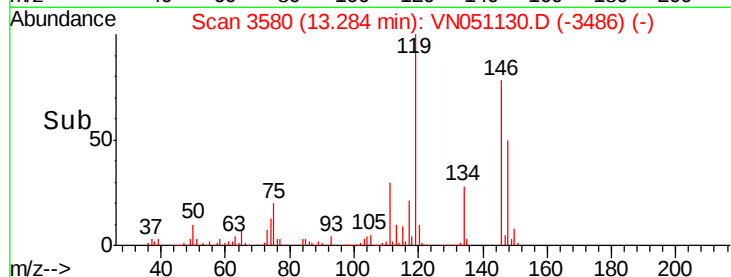
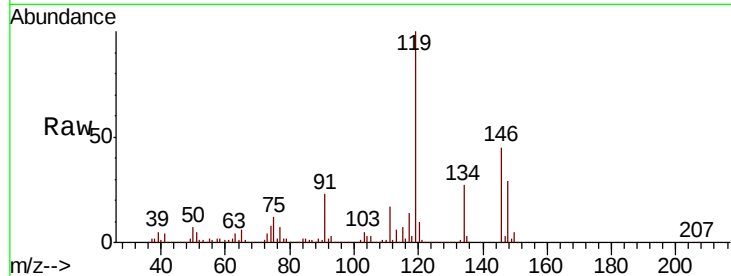




#87
 1,3-Dichlorobenzene
 Concen: 45.27 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

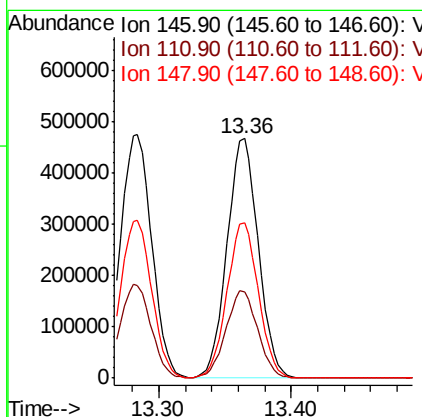
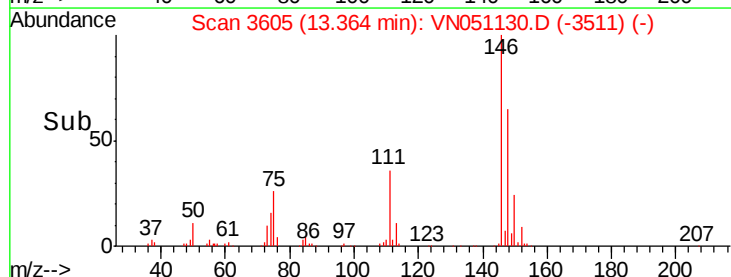
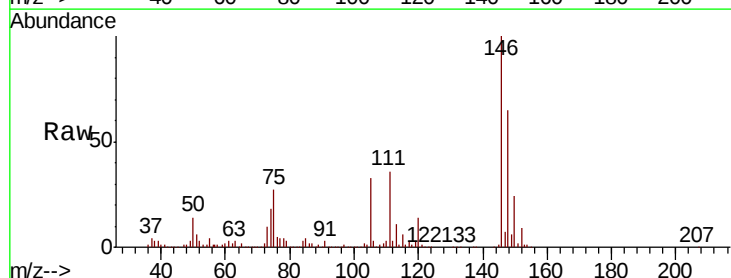
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMS

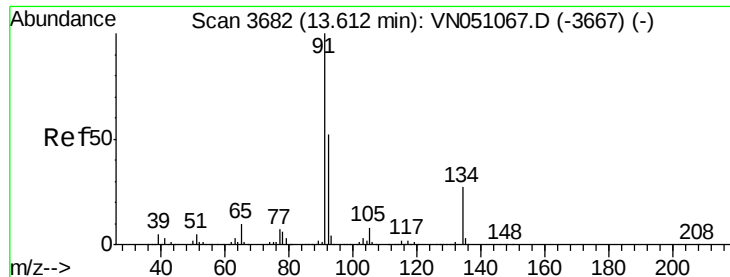
Tot Ion:146 Resp: 790721
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.1
 148 64.4 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 47.78 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Tgt Ion:146 Resp: 766226
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.4 55.0
 148 64.9 32.2 96.6





#89

n-Butylbenzene

Concen: 61.49 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMS

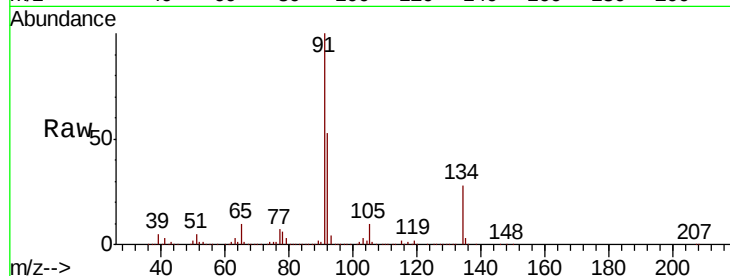
Tot Ion: 91 Resp: 1423608

Ion Ratio Lower Upper

91 100

92 51.1 26.2 78.6

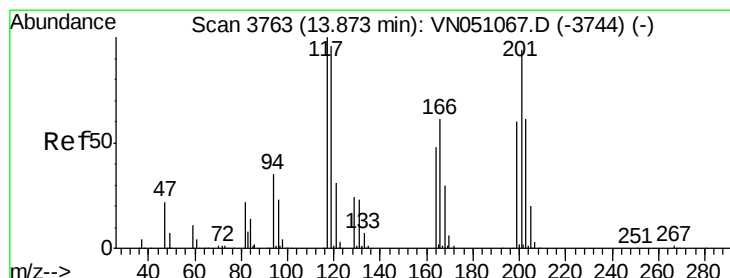
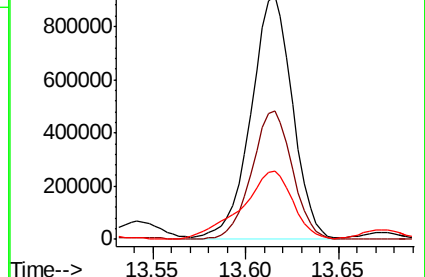
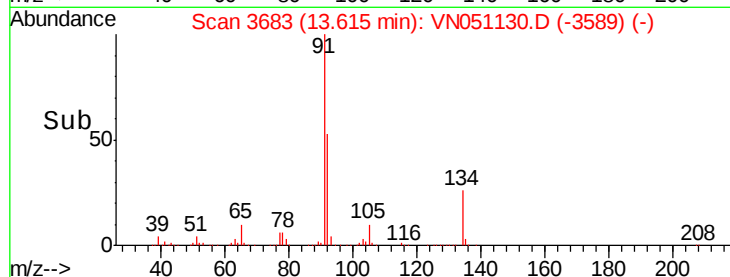
134 34.4 13.7 41.1



Abundance Ion 91.00 (90.70 to 91.70): VN051130.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN051130.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN051130.D (-3682) (-)



#90

Hexachloroethane

Concen: 58.10 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN051130.D

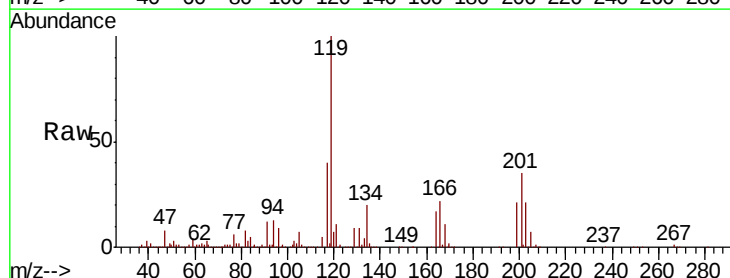
Acq: 11 Sep 2018 16:26

Tgt Ion: 117 Resp: 314138

Ion Ratio Lower Upper

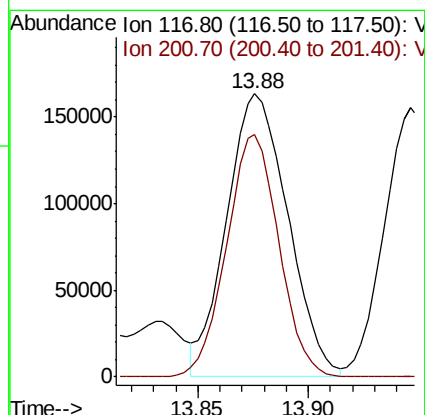
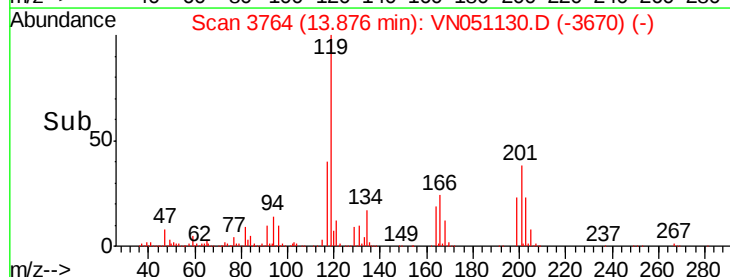
117 100

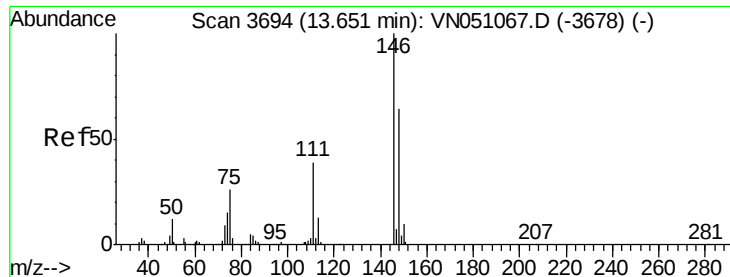
201 73.3 47.3 142.0



Abundance Ion 116.80 (116.50 to 117.50): VN051130.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN051130.D (-3763) (-)

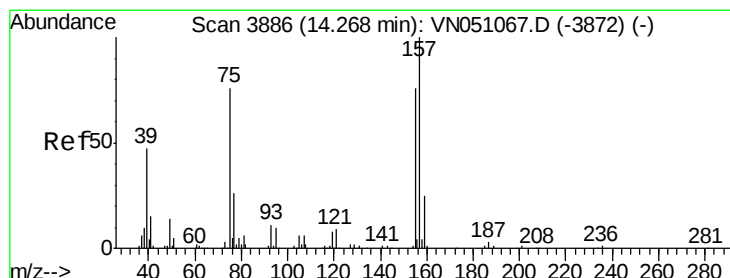
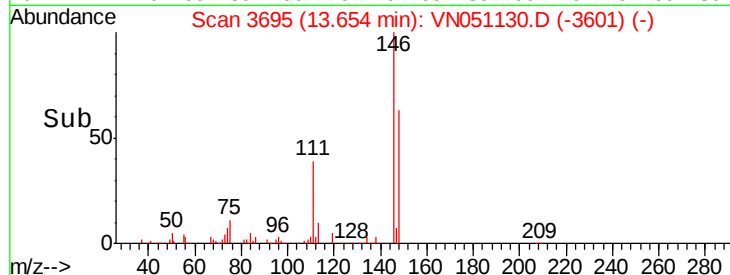
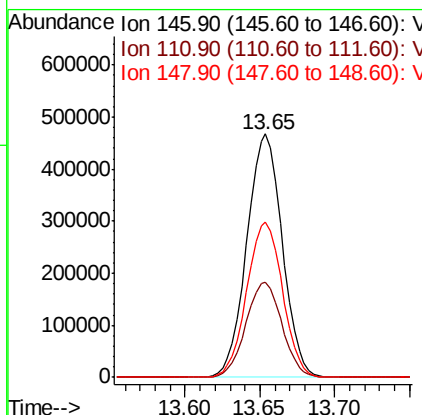
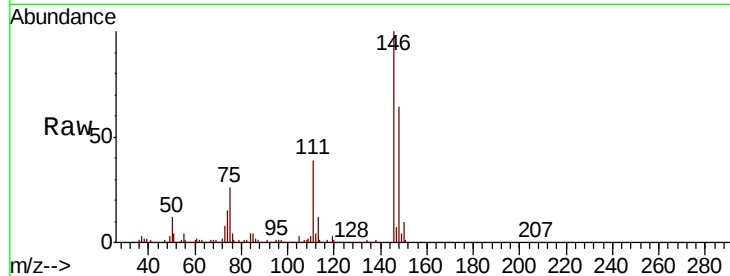




#91
 1,2-Dichlorobenzene
 Concen: 45.32 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

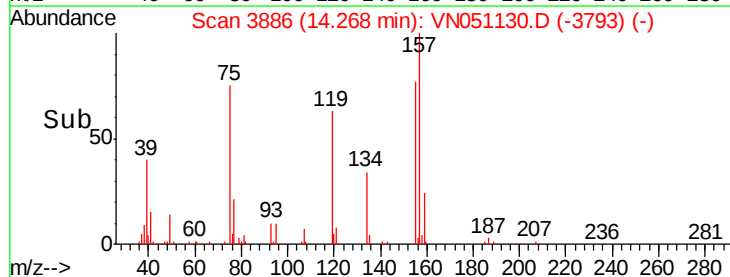
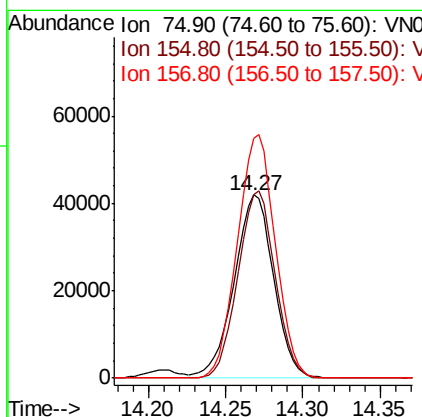
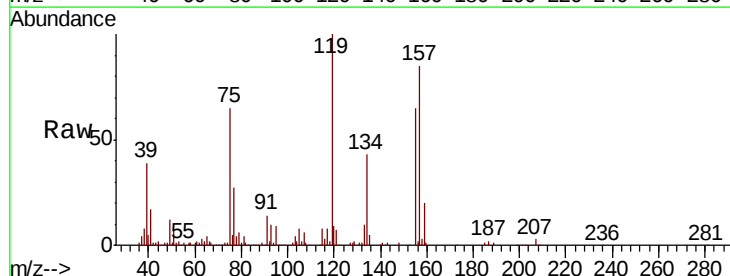
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMS

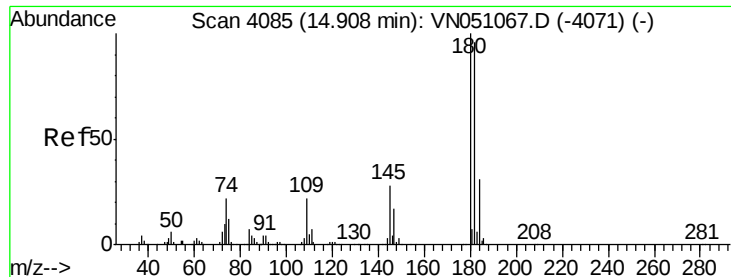
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.7	59.0
148	64.4	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.13 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.1	48.7	146.1
157	129.0	63.6	190.9

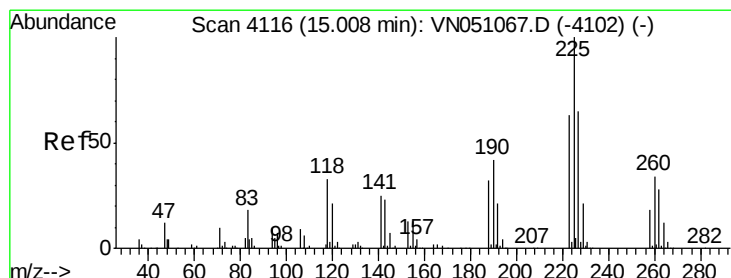
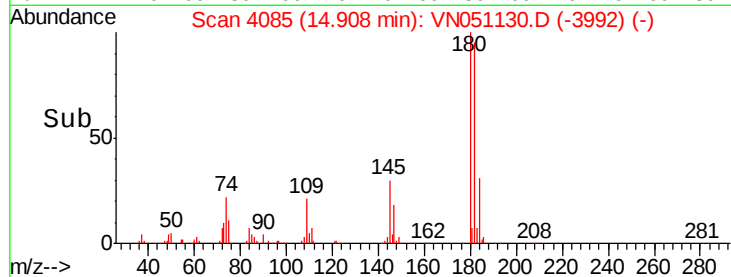
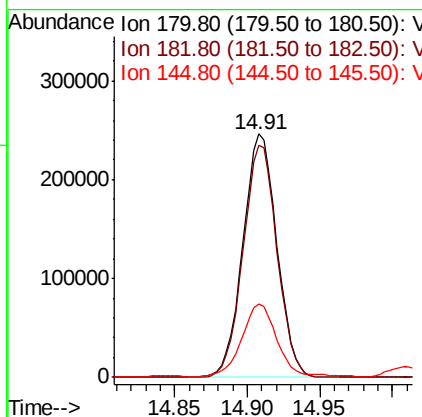
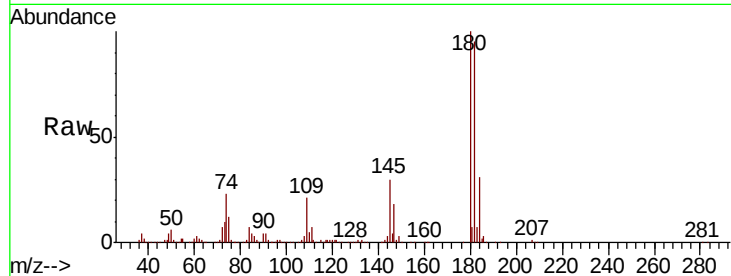




#93
 1,2,4-Trichlorobenzene
 Concen: 48.81 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

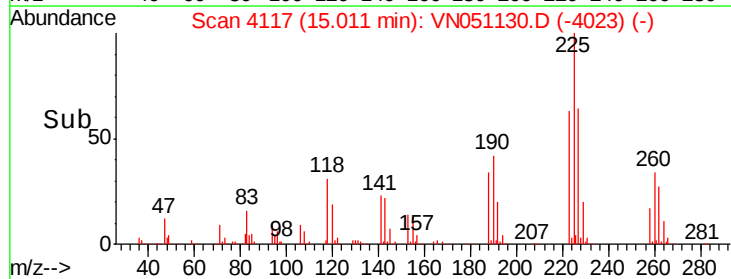
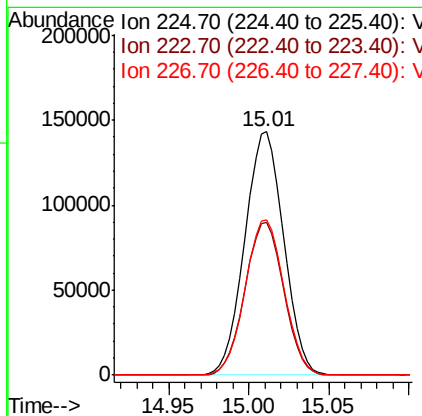
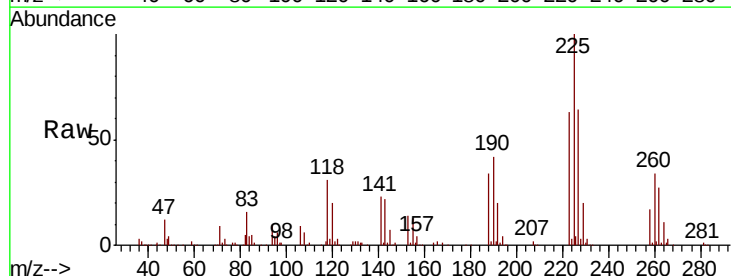
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DMS

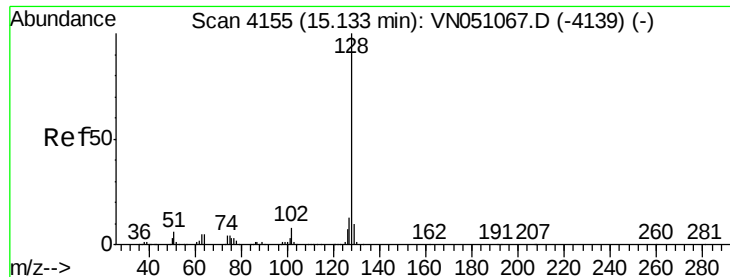
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.3	141.8
145	31.0	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 47.93 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051130.D
 Acq: 11 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.4	94.0
227	63.6	32.1	96.3





#95

Naphthalene

Concen: 52.19 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DMS

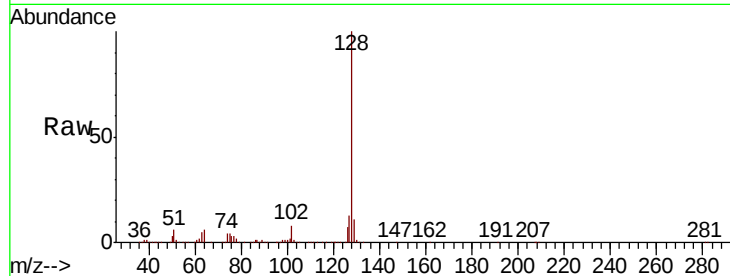
Tot Ion:128 Resp: 901402

Ion Ratio Lower Upper

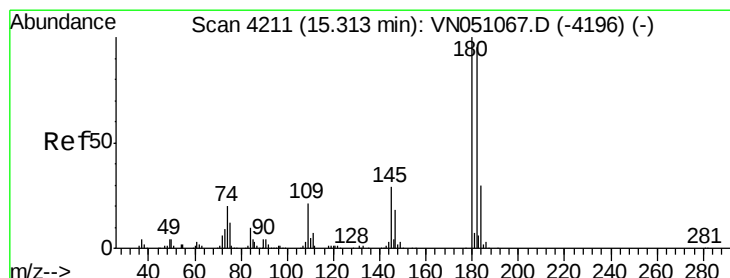
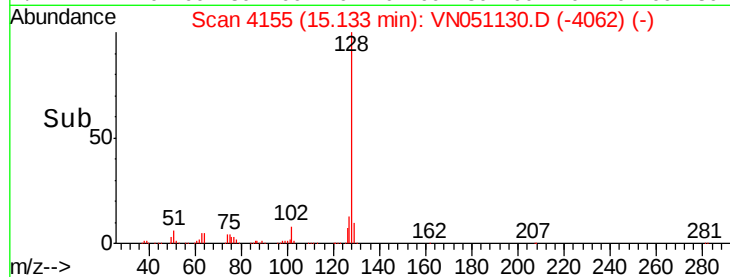
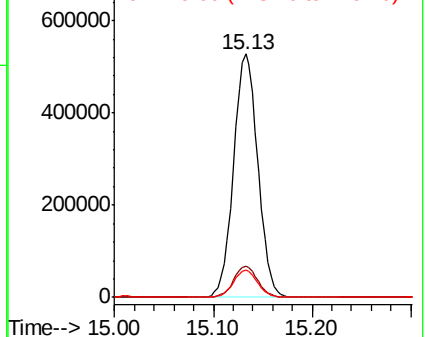
128 100

127 12.8 10.6 15.8

129 11.0 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: 50.20 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN051130.D

Acq: 11 Sep 2018 16:26

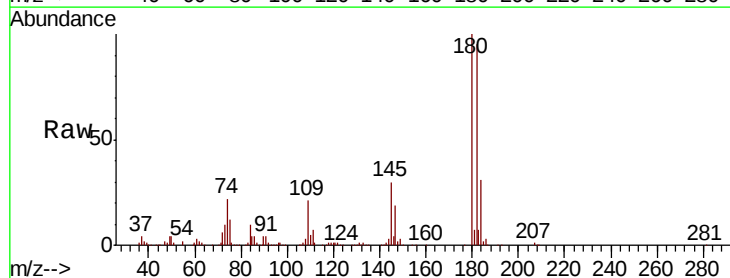
Tgt Ion:180 Resp: 394565

Ion Ratio Lower Upper

180 100

182 96.0 47.8 143.3

145 29.7 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

