

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100818\
 Data File : VN051734.D
 Acq On : 8 Oct 2018 14:34
 Operator : MD\SY
 Sample : J5163-08MSD
 Misc : 5.88g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H-092718(7-10)MSD

Quant Time: Oct 09 03:57:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	658572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	998461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	971113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	574234	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	425083	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
35) Dibromofluoromethane	7.59	113	393329	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	10.09	98	1487322	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.40	95	544517	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	439398	53.272	ug/l	99
3) Chloromethane	2.06	50	354875	47.218	ug/l	99
4) Vinyl Chloride	2.18	62	544752	46.013	ug/l	100
5) Bromomethane	2.54	94	426039	46.794	ug/l	99
6) Chloroethane	2.69	64	364785	45.845	ug/l	99
7) Trichlorofluoromethane	3.00	101	938835	76.897	ug/l	99
8) Diethyl Ether	3.41	74	173336	50.242	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	323075	49.097	ug/l	98
10) Methyl Iodide	3.95	142	416009	47.918	ug/l	99
11) Tert butyl alcohol	4.80	59	153112	258.956	ug/l	98
12) 1,1-Dichloroethene	3.73	96	294049	47.945	ug/l	98
13) Acrolein	3.61	56	80071	216.764	ug/l	98
14) Allyl chloride	4.32	41	414480	44.310	ug/l	98
15) Acrylonitrile	4.99	53	511701	250.792	ug/l	99
16) Acetone	3.82	43	360024	247.083	ug/l	99
17) Carbon Disulfide	4.05	76	822102	44.099	ug/l	100
18) Methyl Acetate	4.33	43	258553	53.842	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	981210	48.469	ug/l	99
20) Methylene Chloride	4.55	84	339328	47.406	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	345941	47.600	ug/l	93
22) Diisopropyl ether	5.96	45	922271	45.995	ug/l	97
23) Vinyl Acetate	5.90	43	3427542	232.477	ug/l	96
24) 1,1-Dichloroethane	5.85	63	589889	45.742	ug/l	99
25) 2-Butanone	6.84	43	597977	238.024	ug/l	98
26) 2,2-Dichloropropane	6.83	77	539042	41.711	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	401463	47.584	ug/l	95
28) Bromochloromethane	7.20	49	258057	45.200	ug/l	90
29) Tetrahydrofuran	7.22	42	390788	253.481	ug/l	93
30) Chloroform	7.37	83	696719	48.085	ug/l	97
31) Cyclohexane	7.66	56	530748	44.939	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	677520	48.242	ug/l	98
36) 1,1-Dichloropropene	7.79	75	506467	48.529	ug/l	98
37) Ethyl Acetate	6.93	43	270713	49.735	ug/l	98
38) Carbon Tetrachloride	7.78	117	626986	50.067	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	650176	49.630	ug/l	97
40) Benzene	8.04	78	1542405	49.854	ug/l	99
41) Methacrylonitrile	7.22	41	392468	140.484	ug/l #	13
42) 1,2-Dichloroethane	8.13	62	510872	48.998	ug/l	99
43) Isopropyl Acetate	8.17	43	563811	49.682	ug/l #	86
44) Trichloroethene	8.84	130	445115	50.670	ug/l	99
45) 1,2-Dichloropropane	9.12	63	367183	48.003	ug/l	99
46) Dibromomethane	9.21	93	273254	51.394	ug/l	98
47) Bromodichloromethane	9.40	83	575476	49.168	ug/l	99
48) Methyl methacrylate	9.20	41	261617	50.451	ug/l	97
49) 1,4-Dioxane	9.20	88	85969	1105.618	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1470724	255.753	ug/l	98
52) Toluene	10.16	92	1056585	51.347	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	588664	48.742	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	612348	47.747	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	383650	52.337	ug/l	98
56) Ethyl methacrylate	10.43	69	487418	52.580	ug/l	96
57) 1,3-Dichloropropane	10.71	76	597235	51.478	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	993127	258.861	ug/l	96
59) 2-Hexanone	10.75	43	992069	254.026	ug/l	100
60) Dibromochloromethane	10.90	129	500115	52.134	ug/l	100
61) 1,2-Dibromoethane	11.01	107	415222	53.582	ug/l	100
64) Tetrachloroethene	10.63	164	440438	51.407	ug/l	99
65) Chlorobenzene	11.44	112	1218245	50.652	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	482024	50.053	ug/l	98
67) Ethyl Benzene	11.51	91	2071613	49.833	ug/l	100
68) m/p-Xylenes	11.62	106	1685199	101.315	ug/l	99
69) o-Xylene	11.95	106	830753	50.928	ug/l	97
70) Styrene	11.96	104	1328124	51.096	ug/l	98
71) Bromoform	12.13	173	362273	50.576	ug/l #	98
73) Isopropylbenzene	12.25	105	2232496	45.608	ug/l	100
74) N-amyl acetate	12.07	43	504203	49.826	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	490001	51.766	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	605322	87.953	ug/l #	100
77) Bromobenzene	12.53	156	565079	47.213	ug/l	96
78) n-propylbenzene	12.59	91	2477611	46.406	ug/l	100
79) 2-Chlorotoluene	12.68	91	1435386	45.617	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1926762	46.707	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	140274	44.903	ug/l	100
82) 4-Chlorotoluene	12.77	91	1459095	46.159	ug/l	97
83) tert-Butylbenzene	12.99	119	1757053	47.535	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	2132943	51.620	ug/l	98
85) sec-Butylbenzene	13.17	105	2332170	47.698	ug/l	99
86) p-Isopropyltoluene	13.29	119	2125559	49.037	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1051782	50.431	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	1017776	49.579	ug/l	99
89) n-Butylbenzene	13.62	91	1692892	49.396	ug/l	99
90) Hexachloroethane	13.88	117	398944	46.130	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1037190	50.026	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	82885	48.202	ug/l	93

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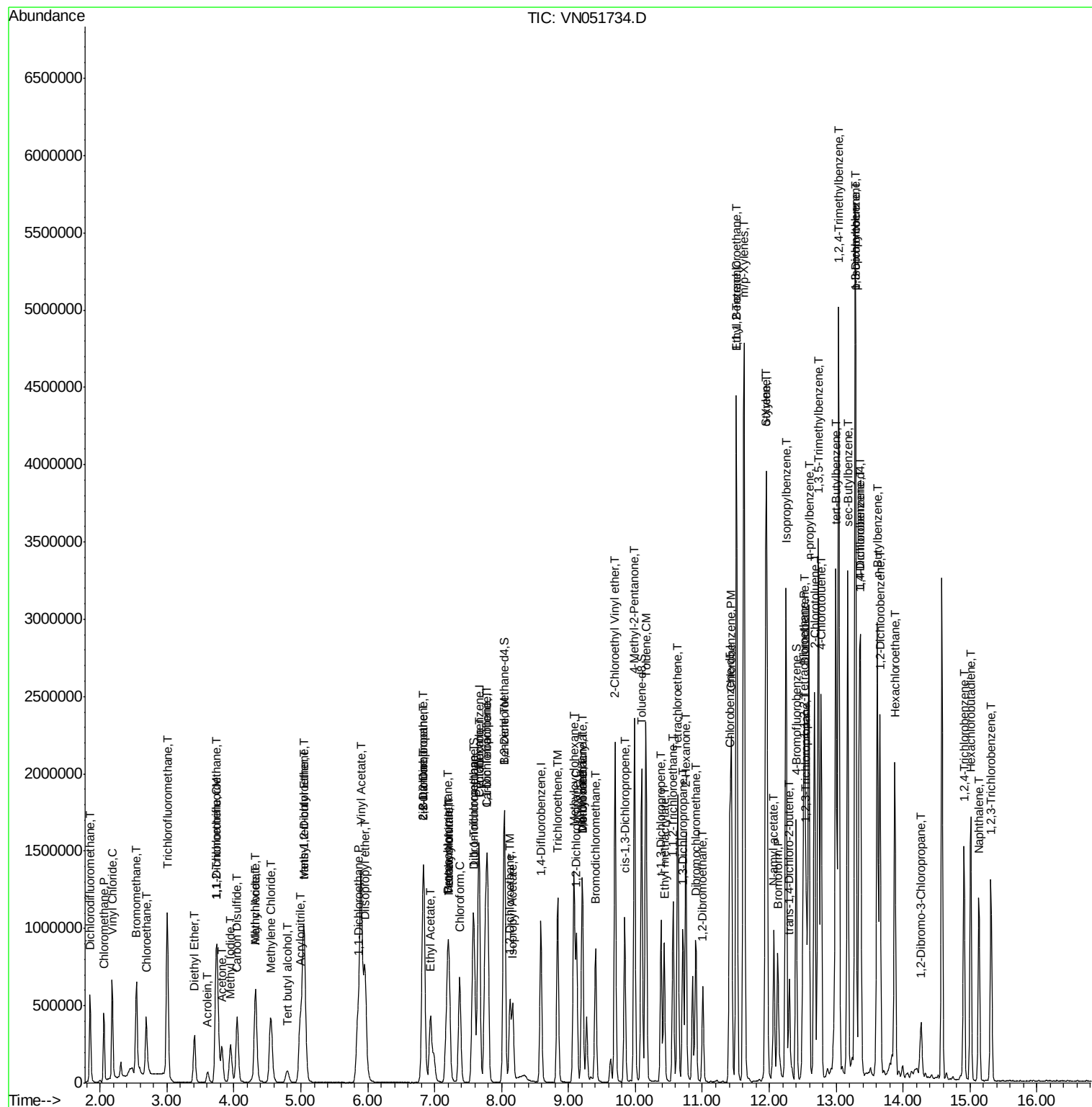
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	504437	54.677	ug/l	100
94) Hexachlorobutadiene	15.01	225	329186	52.590	ug/l	99
95) Naphthalene	15.13	128	1067987	53.607	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	484778	53.354	ug/l	99

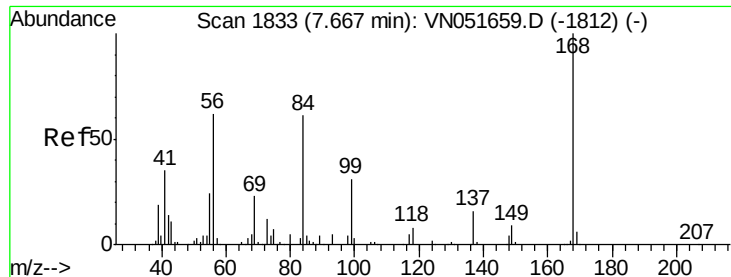
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

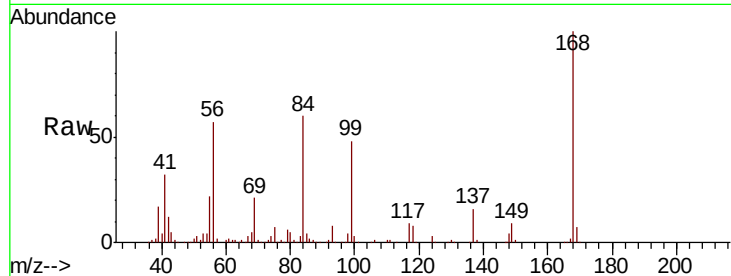
EP1-MW-H-092718(7-10)MSD

Tot Ion:168 Resp: 658572

Ion Ratio Lower Upper

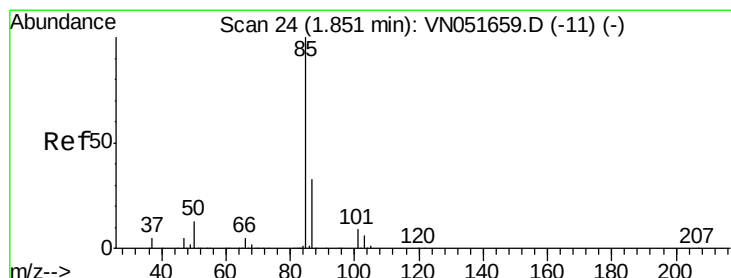
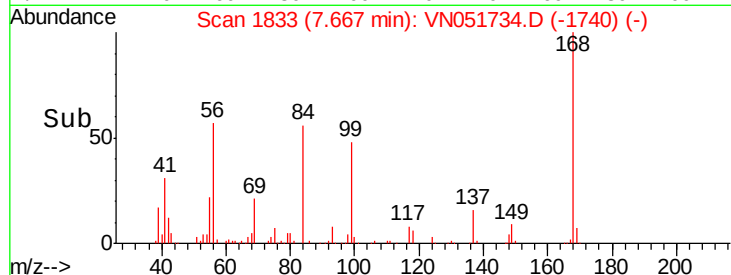
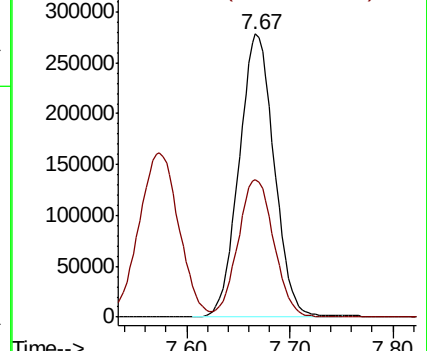
168 100

99 48.2 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 53.272 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051734.D

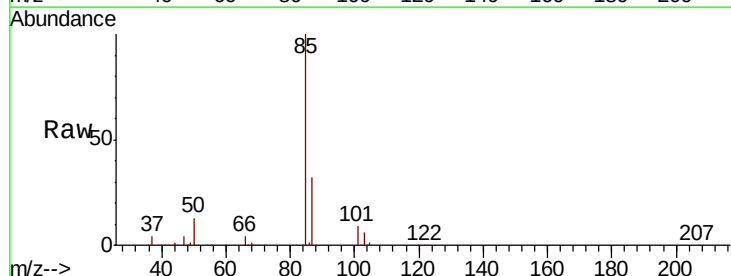
Acq: 8 Oct 2018 14:34

Tgt Ion: 85 Resp: 439398

Ion Ratio Lower Upper

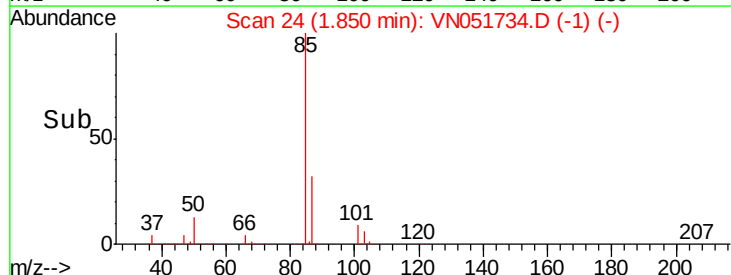
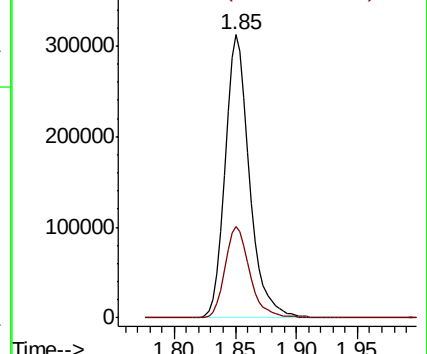
85 100

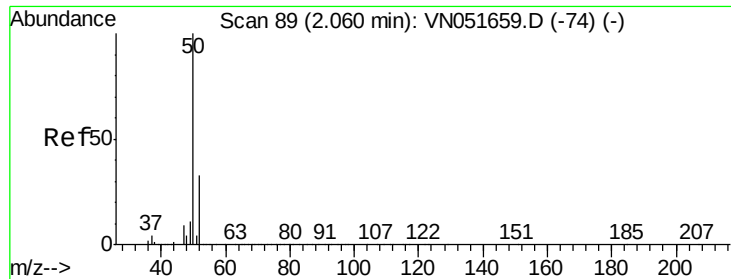
87 32.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 47.218 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

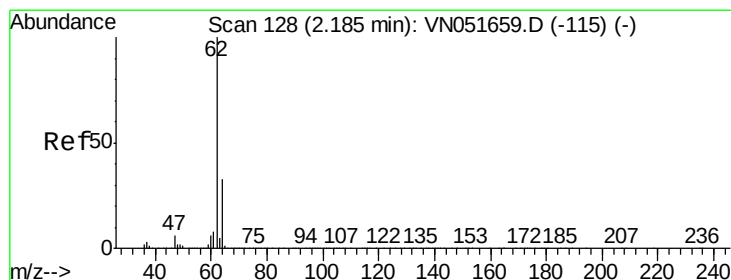
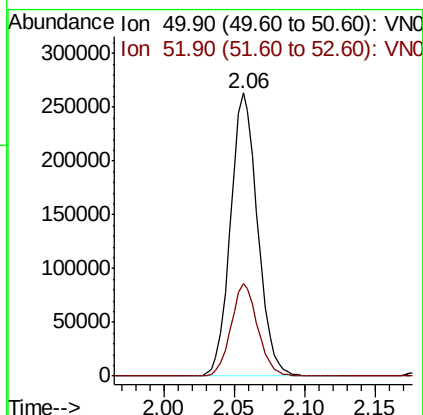
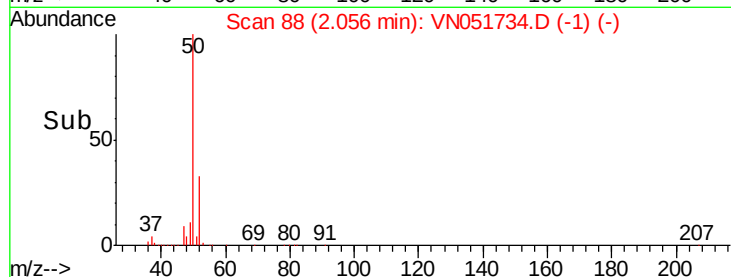
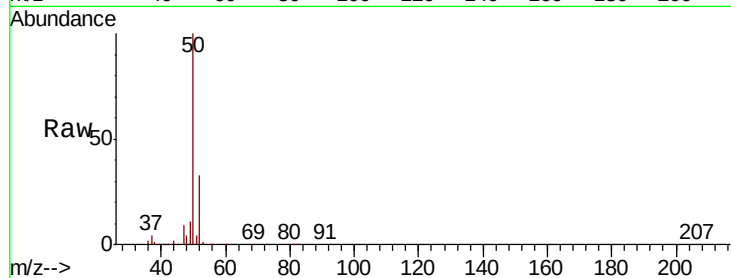
EP1-MW-H-092718(7-10)MSD

Tot Ion: 50 Resp: 354875

Ion Ratio Lower Upper

50 100

52 32.7 26.6 39.8



#4

Vinyl Chloride

Concen: 46.013 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN051734.D

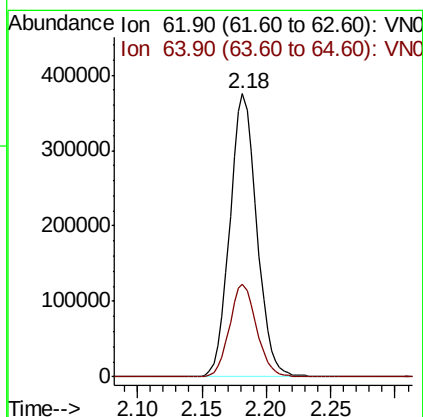
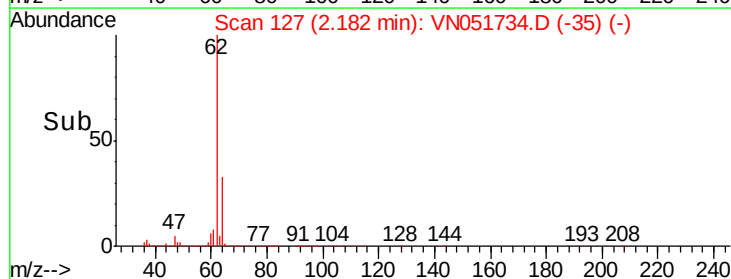
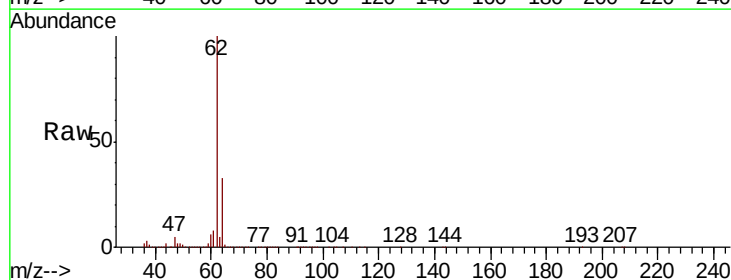
Acq: 8 Oct 2018 14:34

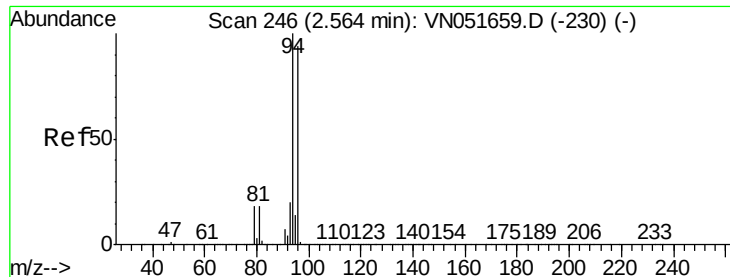
Tgt Ion: 62 Resp: 544752

Ion Ratio Lower Upper

62 100

64 32.9 26.2 39.4





#5

Bromomethane

Concen: 46.794 ug/l

RT: 2.54 min Scan# 240

Delta R.T. -0.02 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

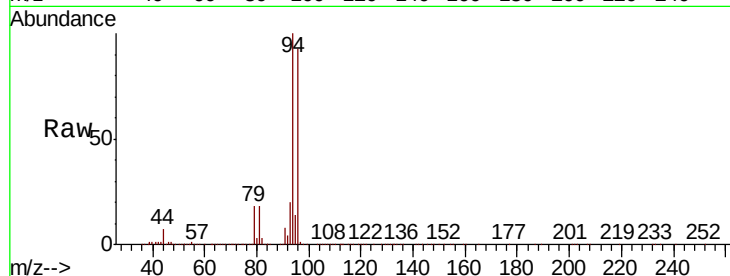
EP1-MW-H-092718(7-10)MSD

Tot Ion: 94 Resp: 426039

Ion Ratio Lower Upper

94 100

96 93.2 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VN051659.D (-230) (-)

Ion 95.90 (95.60 to 96.60): VN051659.D (-230) (-)

2.54

200000

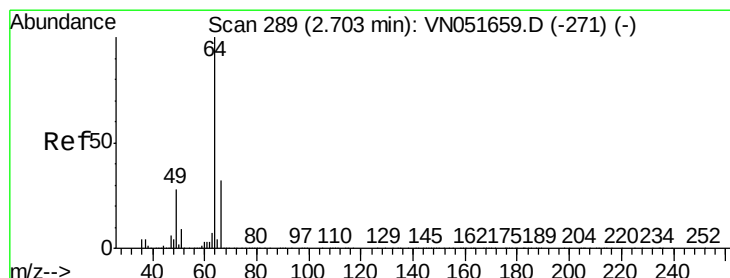
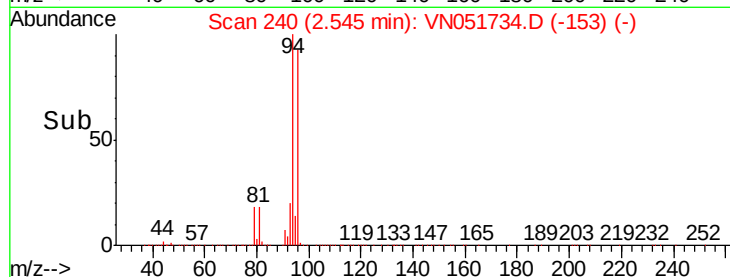
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 45.845 ug/l

RT: 2.69 min Scan# 285

Delta R.T. -0.01 min

Lab File: VN051734.D

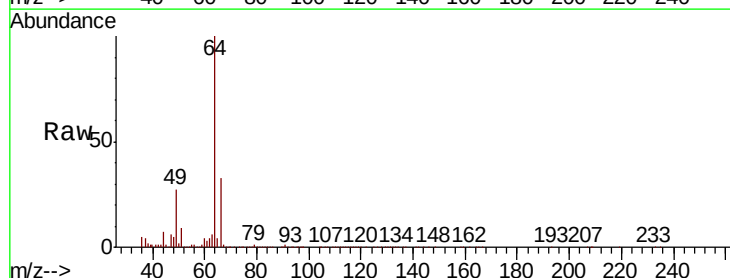
Acq: 8 Oct 2018 14:34

Tgt Ion: 64 Resp: 364785

Ion Ratio Lower Upper

64 100

66 33.1 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VN051659.D (-271) (-)

Ion 65.90 (65.60 to 66.60): VN051659.D (-271) (-)

2.69

200000

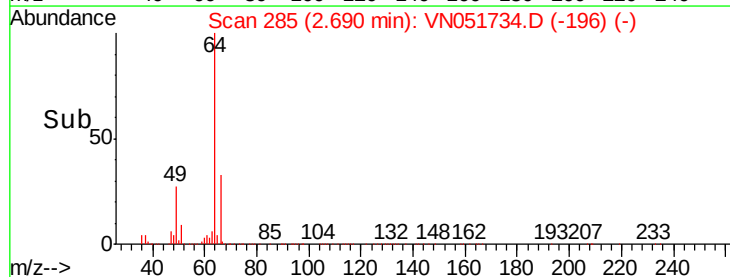
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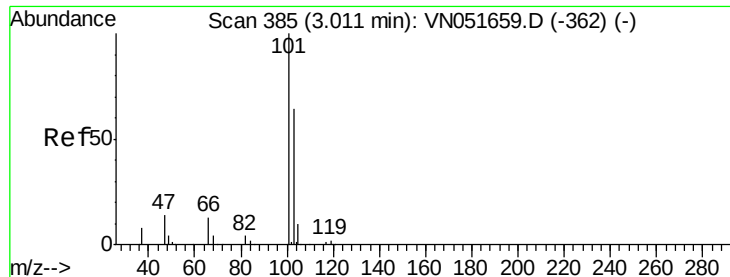
100000

50000

0

Time-->



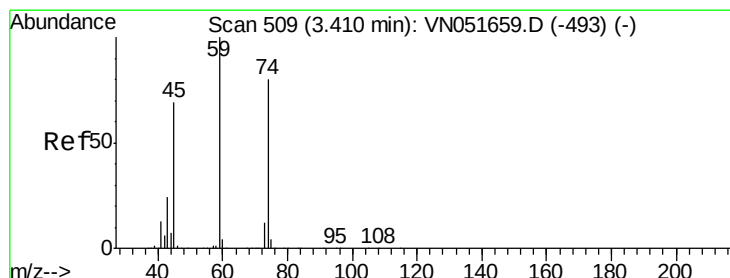
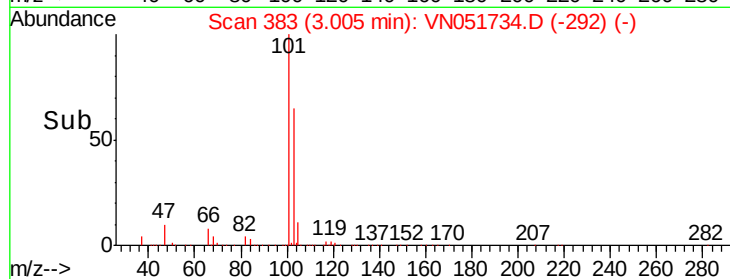
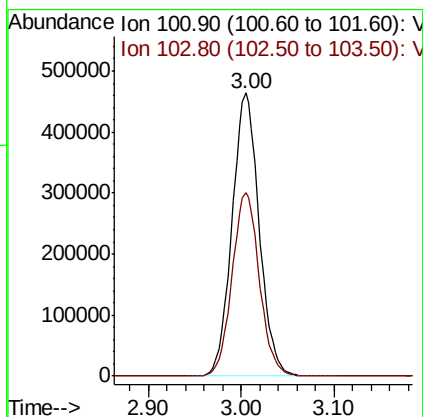
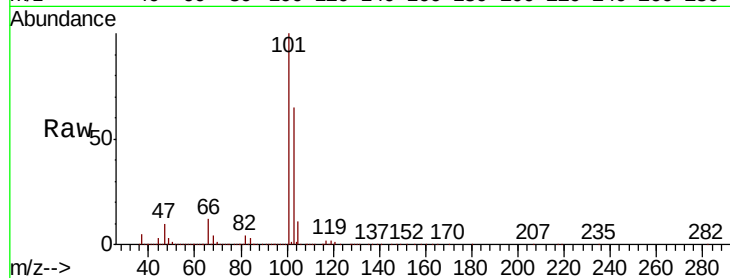


#7

Trichlorofluoromethane
Concen: 76.897 ug/l
RT: 3.00 min Scan# 383
Delta R.T. -0.01 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

Instrument :
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EP1-MW-H-092718(7-10)MSD

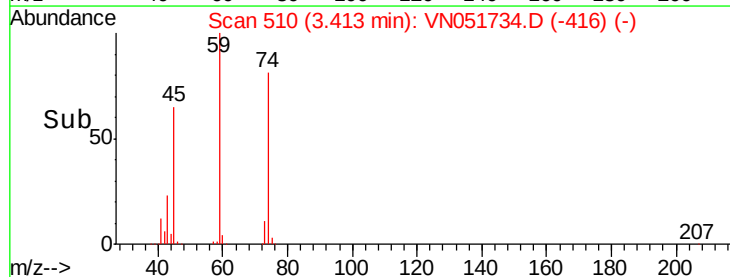
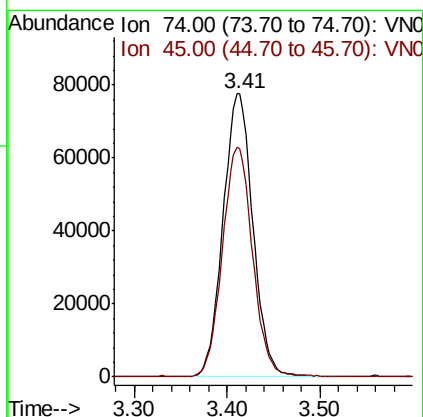
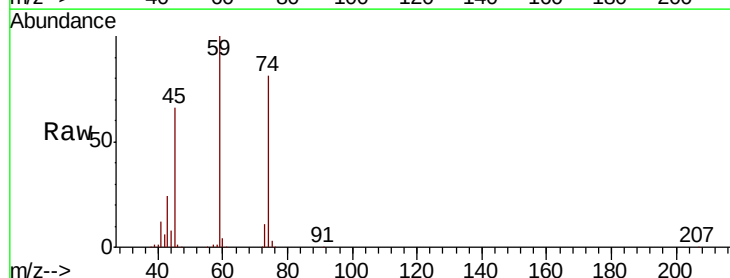
Tot Ion:101 Resp: 938835
Ion Ratio Lower Upper
101 100
103 64.8 51.1 76.7

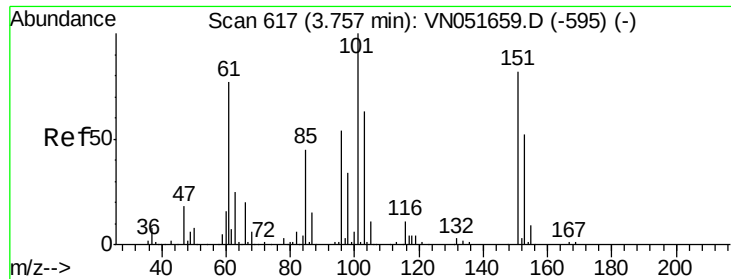


#8

Diethyl Ether
Concen: 50.242 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

Tgt Ion: 74 Resp: 173336
Ion Ratio Lower Upper
74 100
45 81.5 44.3 132.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.097 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Instrument :

MSVOA_N

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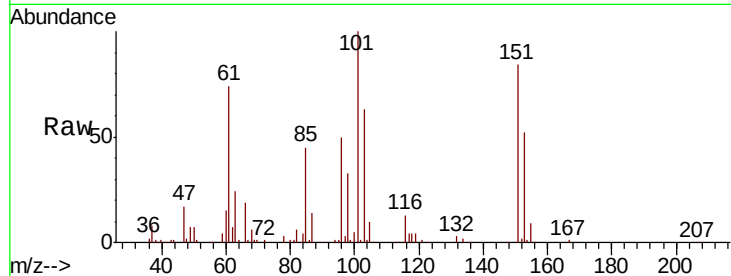
Tot Ion:101 Resp: 323075

Ion Ratio Lower Upper

101 100

85 44.8 35.6 53.4

151 84.7 65.5 98.3

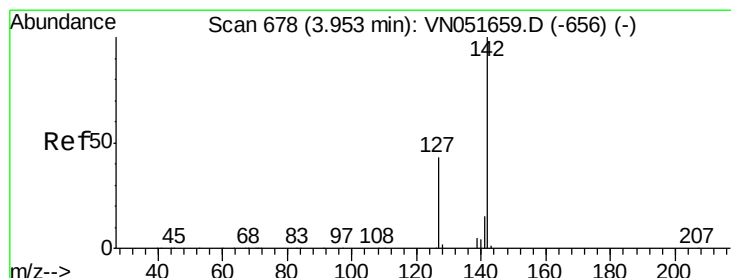
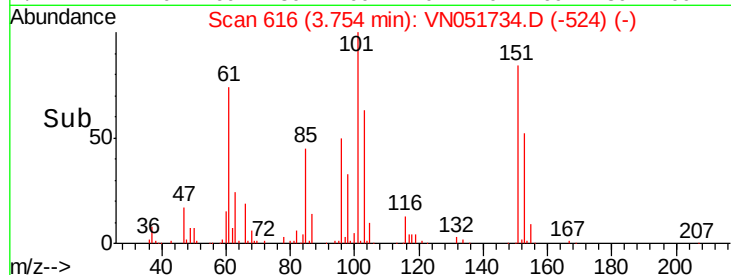
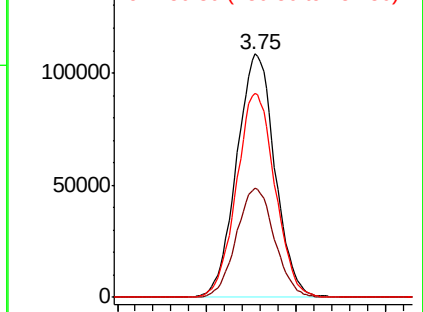


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.918 ug/l

RT: 3.95 min Scan# 677

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

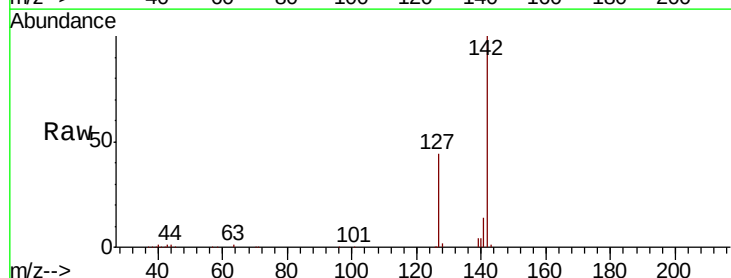
Tgt Ion:142 Resp: 416009

Ion Ratio Lower Upper

142 100

127 43.0 34.7 52.1

141 13.9 11.4 17.2

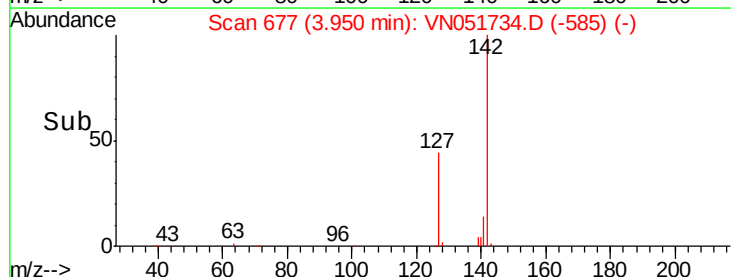
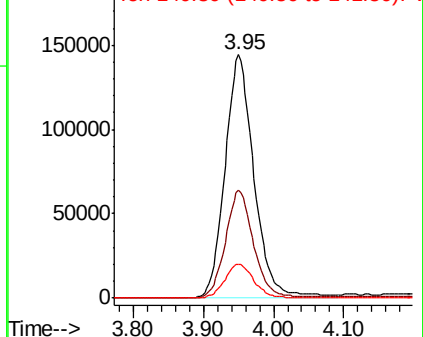


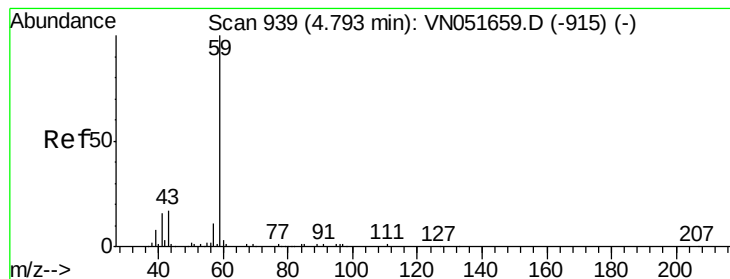
Abundance

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



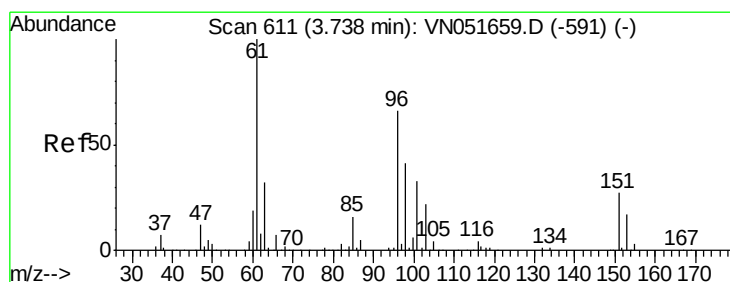
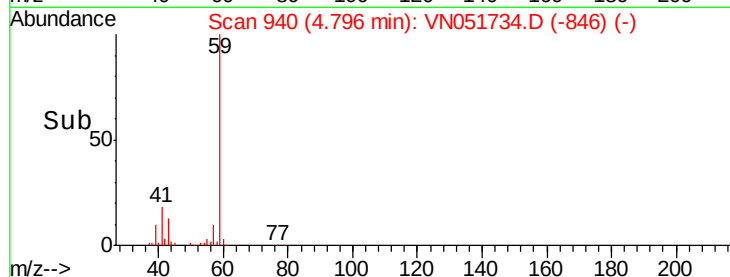
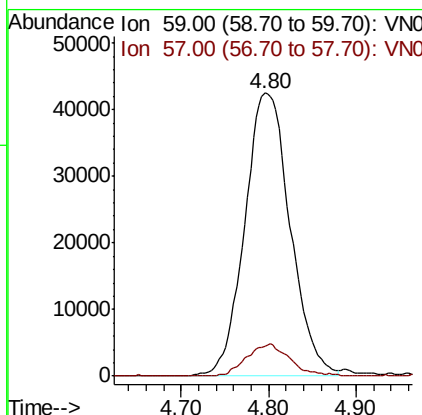
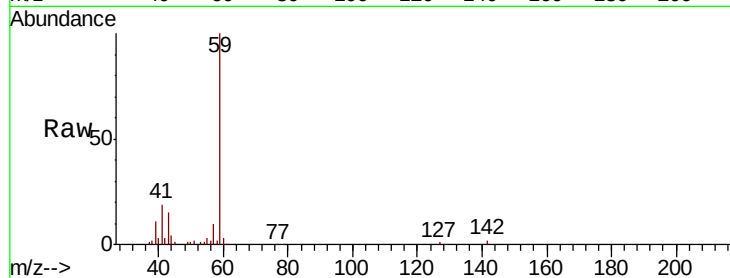


#11

Tert butyl alcohol
Concen: 258.956 ug/l
RT: 4.80 min Scan# 940
Delta R.T. 0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

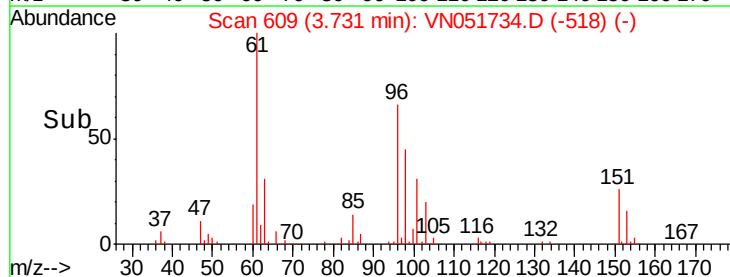
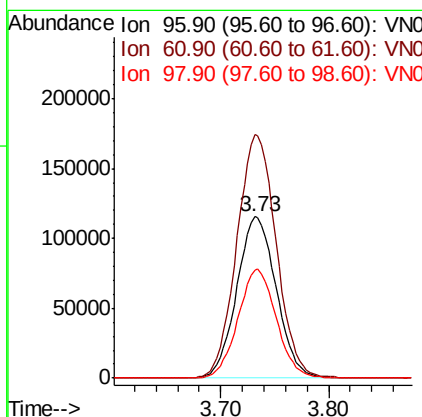
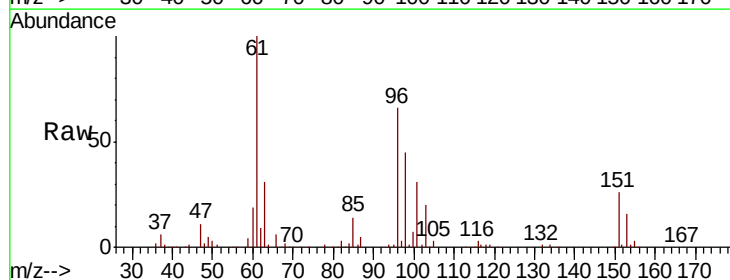
Tot Ion: 59 Resp: 153112
Ion Ratio Lower Upper
59 100
57 10.9 8.1 12.1

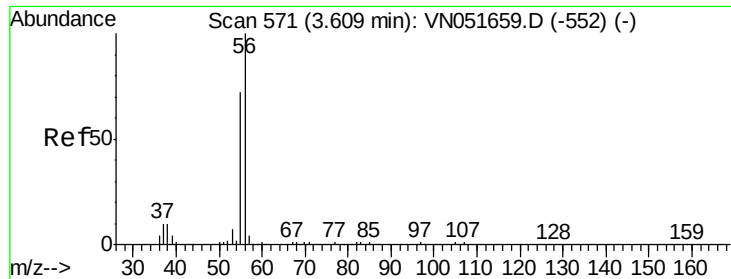


#12

1,1-Dichloroethene
Concen: 47.945 ug/l
RT: 3.73 min Scan# 609
Delta R.T. -0.01 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

Tgt Ion: 96 Resp: 294049
Ion Ratio Lower Upper
96 100
61 150.7 121.4 182.0
98 67.2 49.9 74.9





#13

Acrolein

Concen: 216.764 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

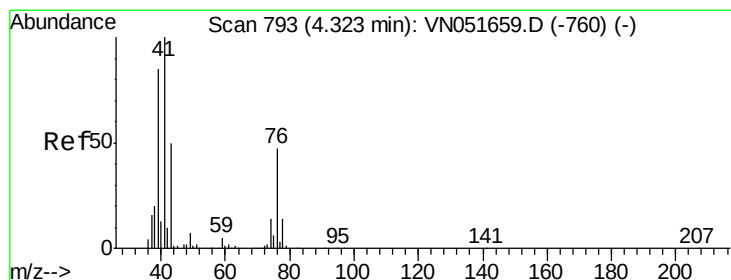
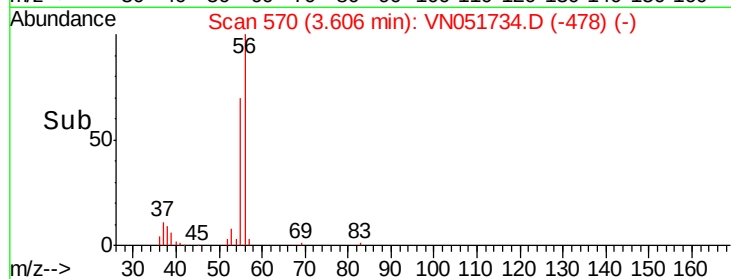
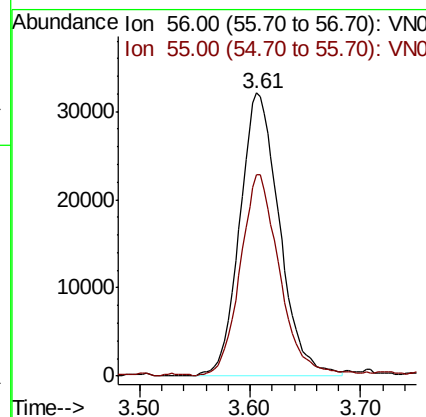
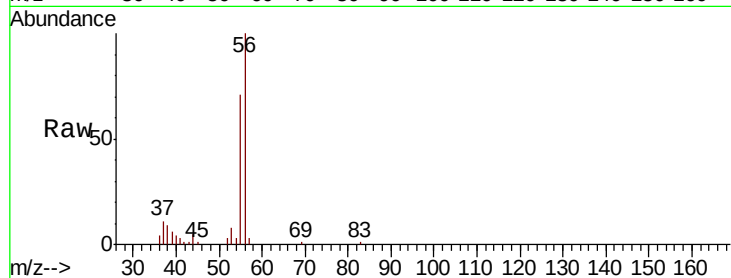
EP1-MW-H-092718(7-10)MSD

Tot Ion: 56 Resp: 80071

Ion Ratio Lower Upper

56 100

55 70.2 57.5 86.3



#14

Allyl chloride

Concen: 44.310 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

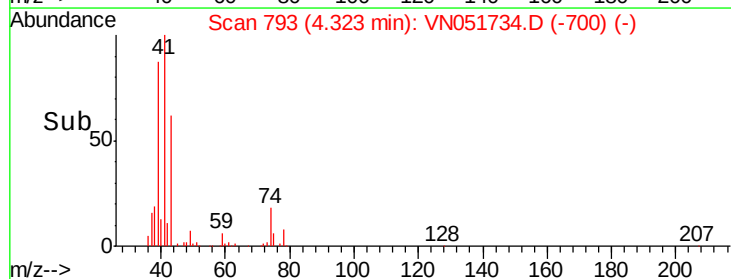
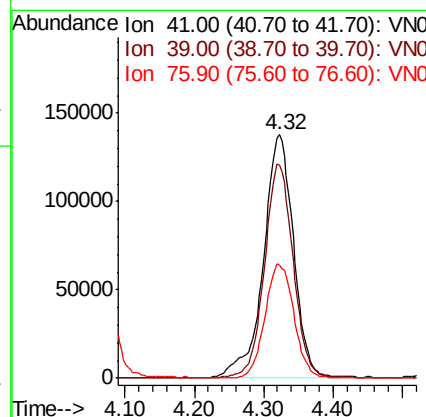
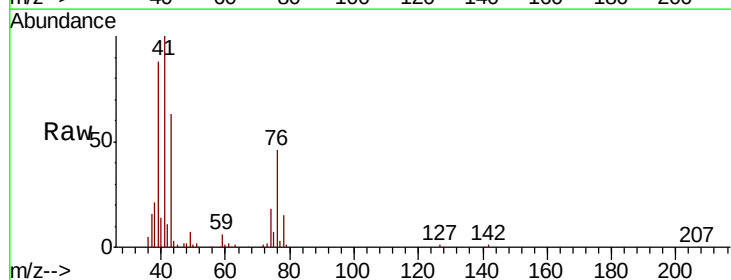
Tgt Ion: 41 Resp: 414480

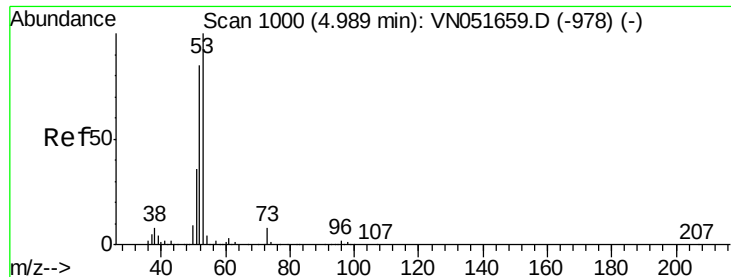
Ion Ratio Lower Upper

41 100

39 83.5 65.4 98.0

76 44.4 34.3 51.5





#15

Acrylonitrile

Concen: 250.792 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H-092718(7-10)MSD

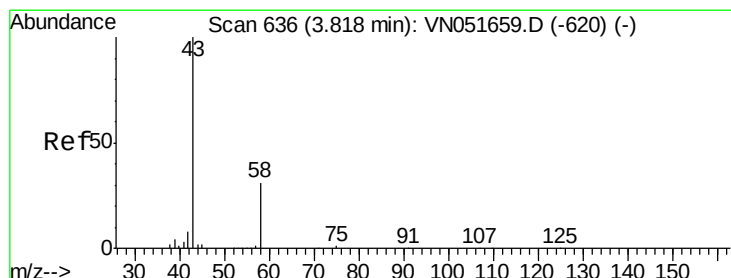
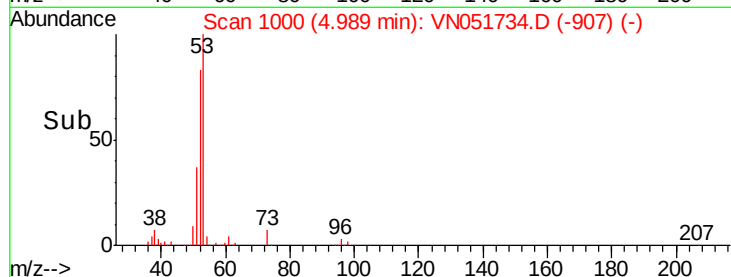
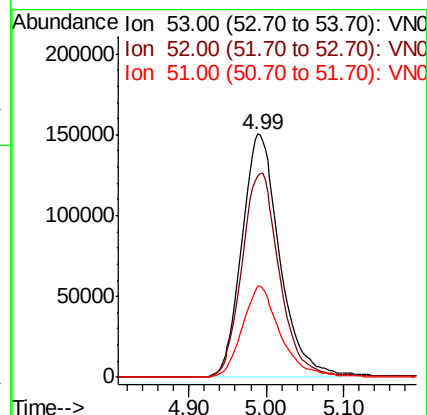
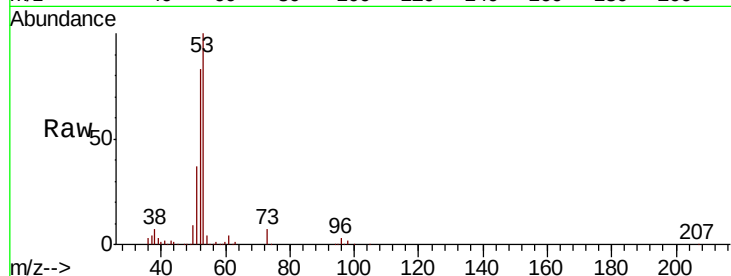
Tot Ion: 53 Resp: 511701

Ion Ratio Lower Upper

53 100

52 84.0 66.2 99.2

51 37.8 30.3 45.5



#16

Acetone

Concen: 247.083 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051734.D

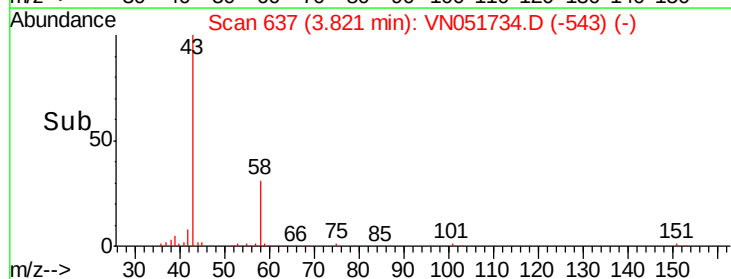
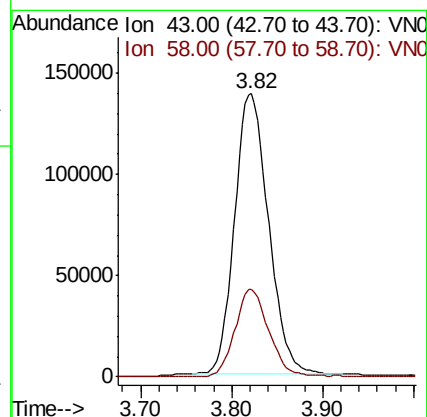
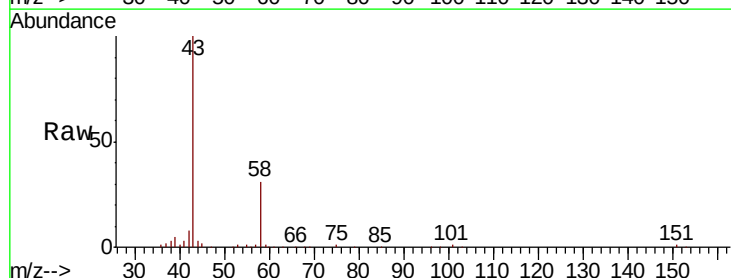
Acq: 8 Oct 2018 14:34

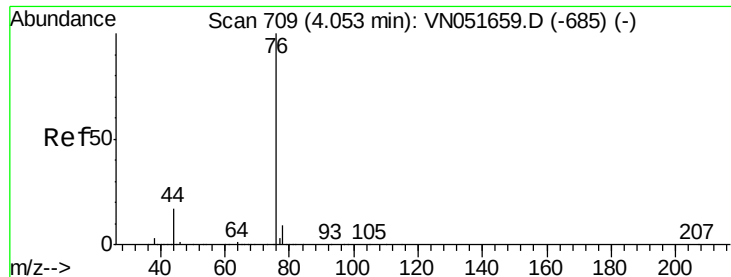
Tgt Ion: 43 Resp: 360024

Ion Ratio Lower Upper

43 100

58 31.2 24.3 36.5





#17

Carbon Disulfide

Concen: 44.099 ug/l

RT: 4.05 min Scan# 708

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

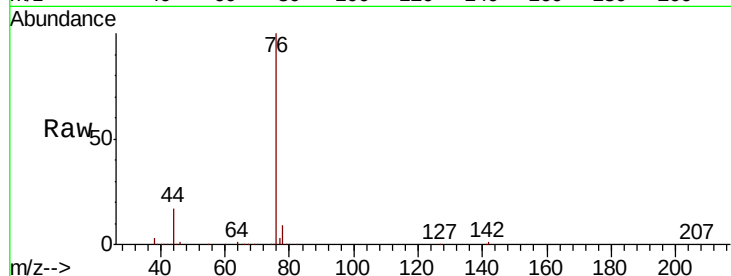
EP1-MW-H-092718(7-10)MSD

Tot Ion: 76 Resp: 822102

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.05

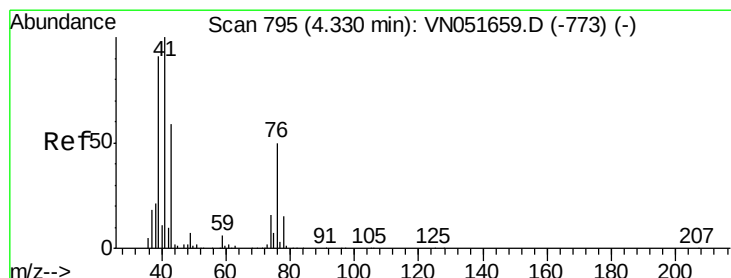
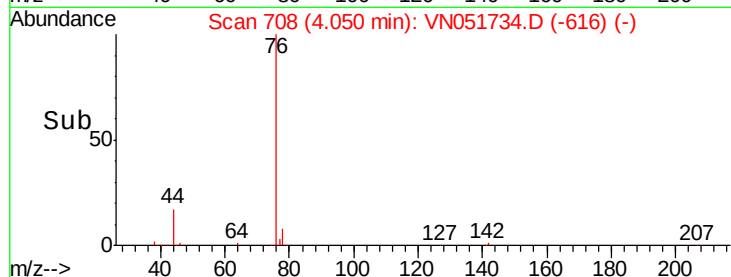
300000

200000

100000

0

Time--> 3.90 4.00 4.10 4.20



#18

Methyl Acetate

Concen: 53.842 ug/l

RT: 4.33 min Scan# 795

Delta R.T. -0.00 min

Lab File: VN051734.D

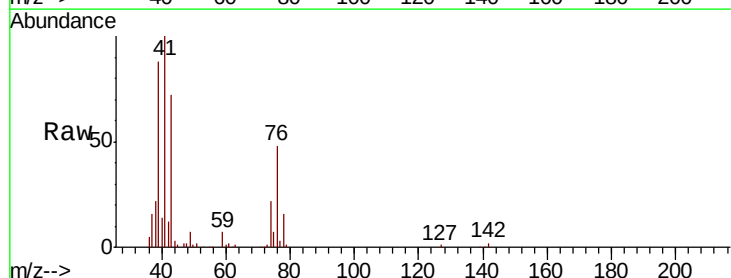
Acq: 8 Oct 2018 14:34

Tgt Ion: 43 Resp: 258553

Ion Ratio Lower Upper

43 100

74 28.1 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

100000

80000

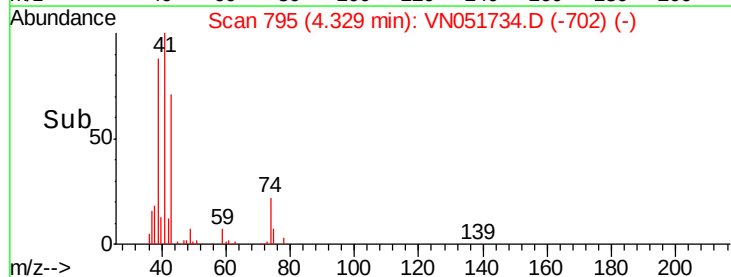
60000

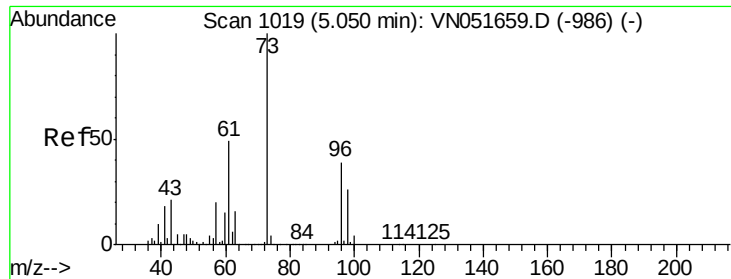
40000

20000

0

Time--> 4.20 4.30 4.40

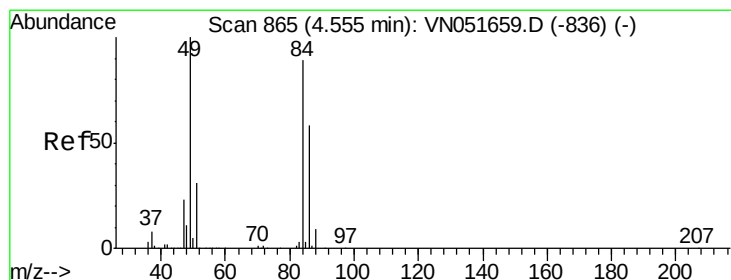
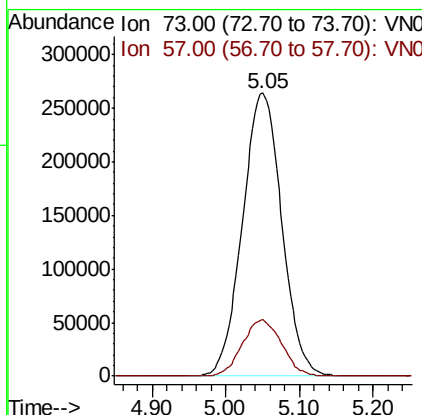
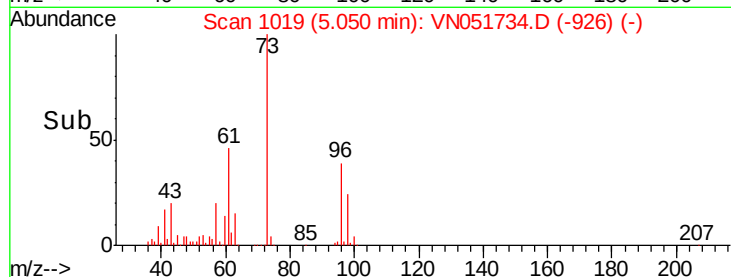
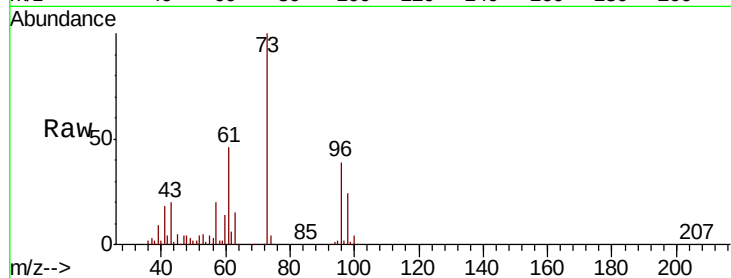




#19
Methyl tert-butyl Ether
Concen: 48.469 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

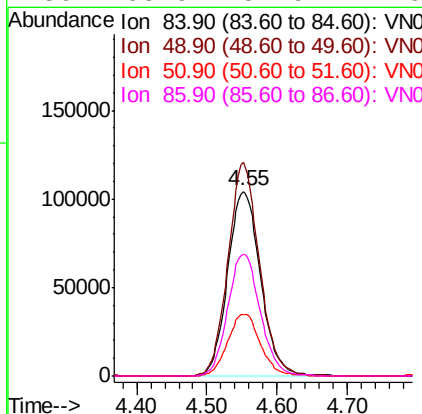
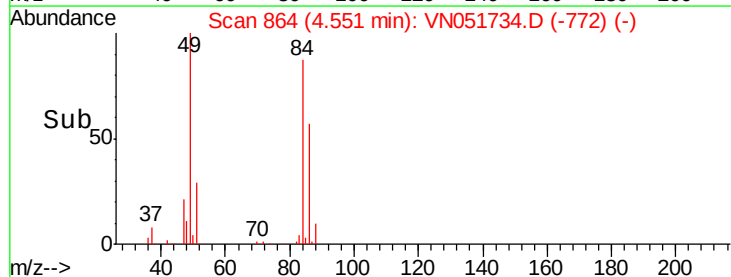
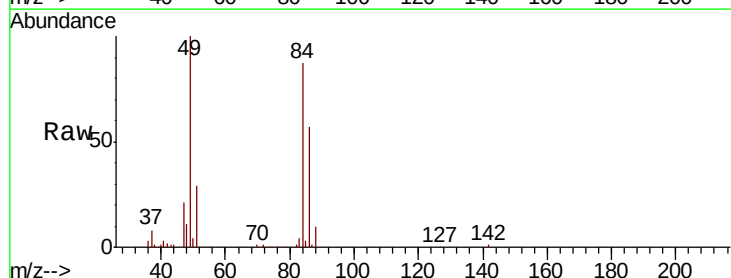
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

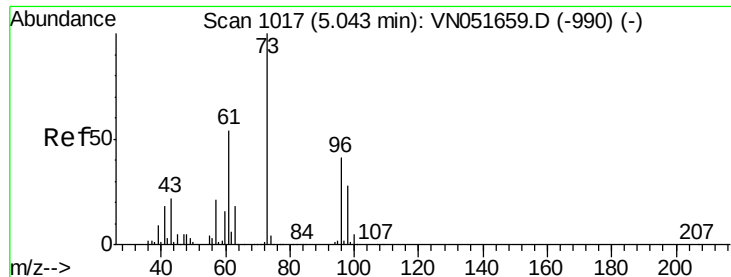
Tot Ion: 73 Resp: 981210
Ion Ratio Lower Upper
73 100
57 19.9 15.6 23.4



#20
Methylene Chloride
Concen: 47.406 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

Tgt Ion: 84 Resp: 339328
Ion Ratio Lower Upper
84 100
49 115.5 89.5 134.3
51 33.2 27.4 41.0
86 65.9 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 47.600 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H-092718(7-10)MSD

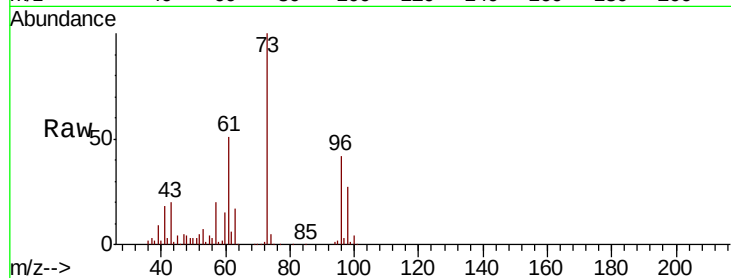
Tot Ion: 96 Resp: 345941

Ion Ratio Lower Upper

96 100

61 121.8 104.7 157.1

98 64.0 54.6 82.0

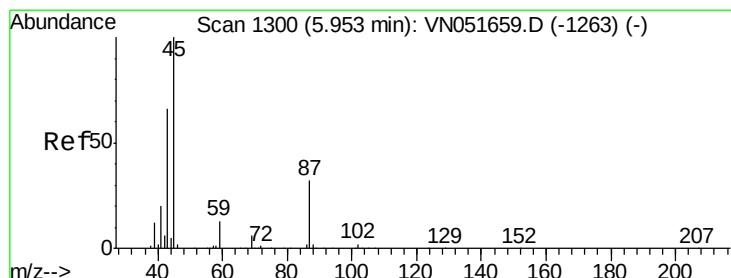
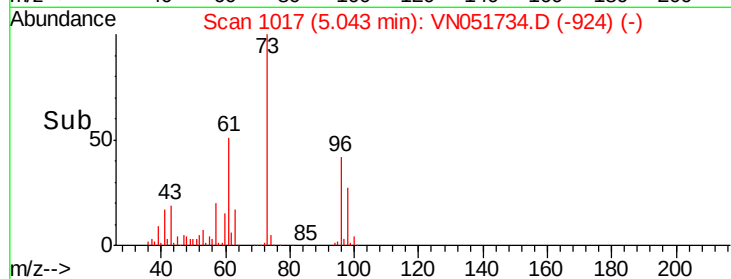
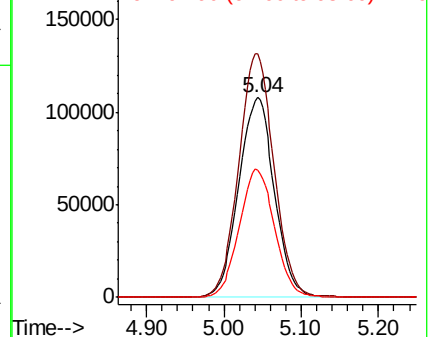


Abundance

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: 45.995 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Tgt Ion: 45 Resp: 922271

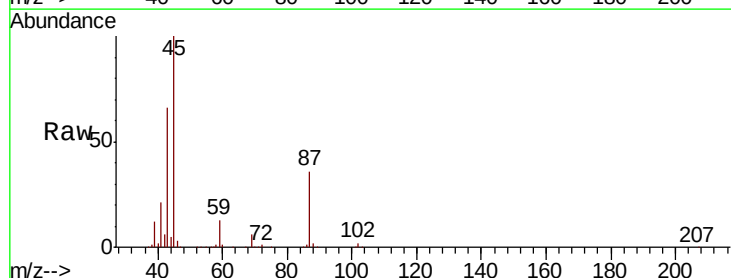
Ion Ratio Lower Upper

45 100

43 65.0 53.0 79.4

87 35.9 26.4 39.6

59 13.1 10.0 15.0



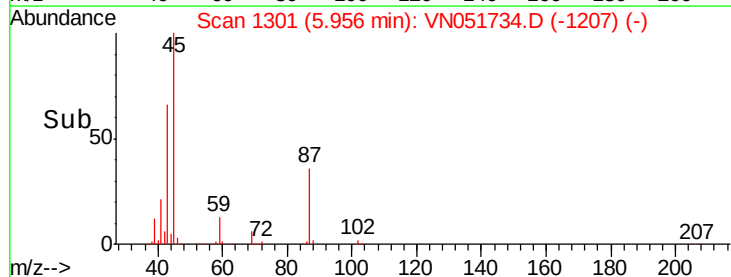
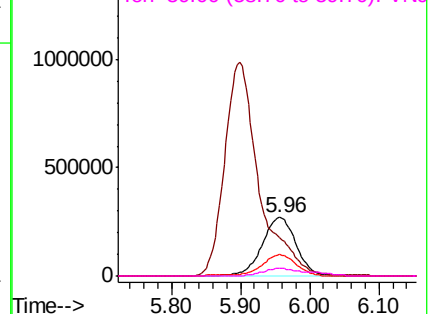
Abundance

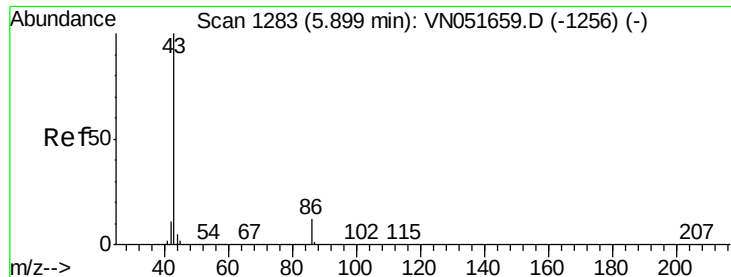
Ion 45.00 (44.70 to 45.70): VN0

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: 232.477 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

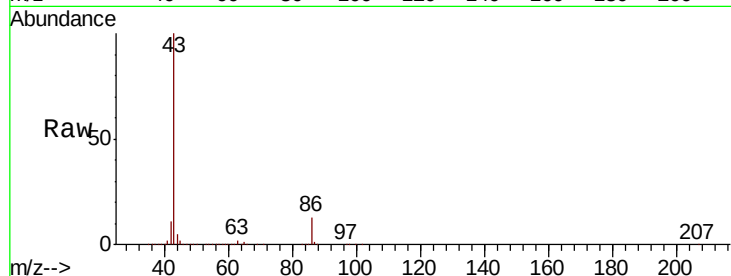
EP1-MW-H-092718(7-10)MSD

Tot Ion: 43 Resp: 3427542

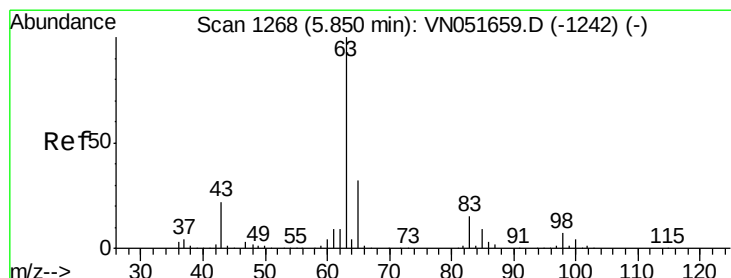
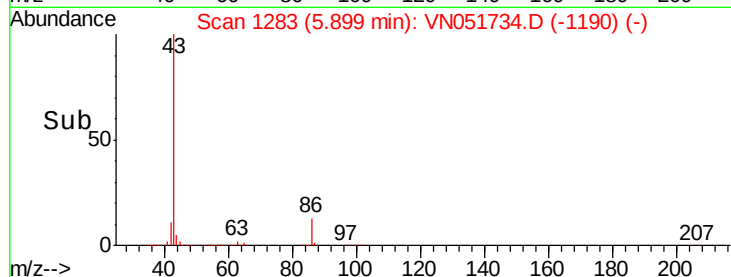
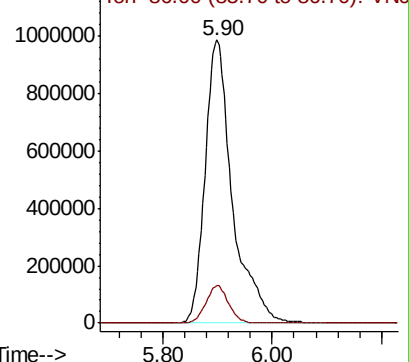
Ion Ratio Lower Upper

43 100

86 13.3 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 86.00 (85.70 to 86.70): VNO



#24

1,1-Dichloroethane

Concen: 45.742 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

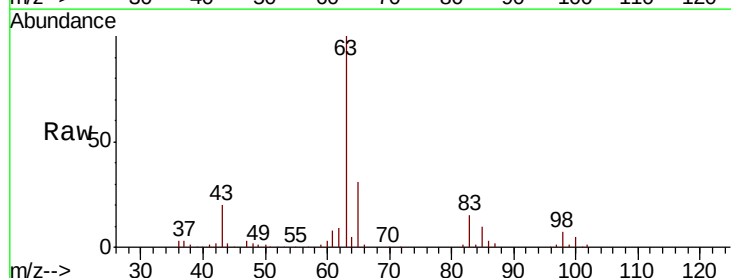
Tgt Ion: 63 Resp: 589889

Ion Ratio Lower Upper

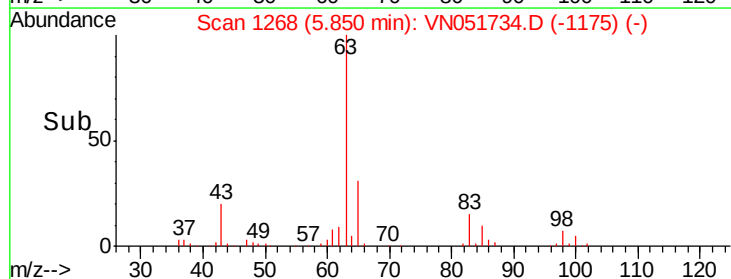
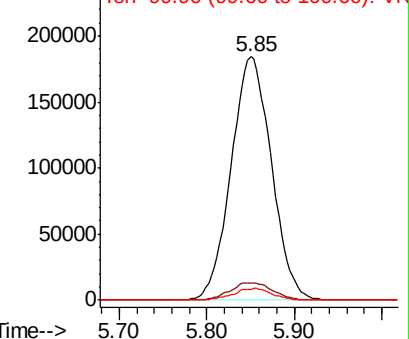
63 100

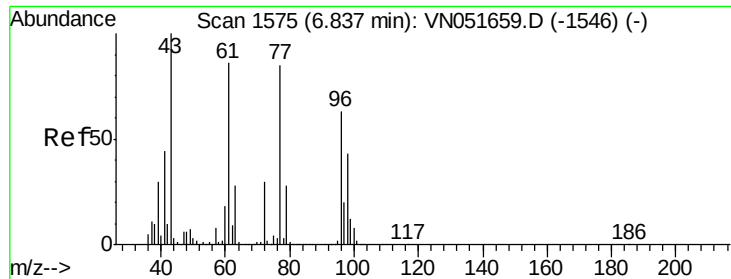
98 7.2 3.3 9.9

100 4.6 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VNO
Ion 97.90 (97.60 to 98.60): VNO
Ion 99.90 (99.60 to 100.60): VNO

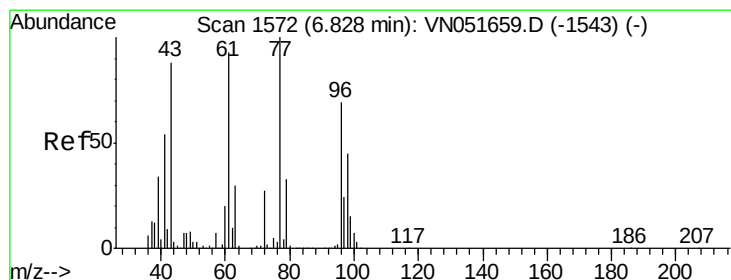
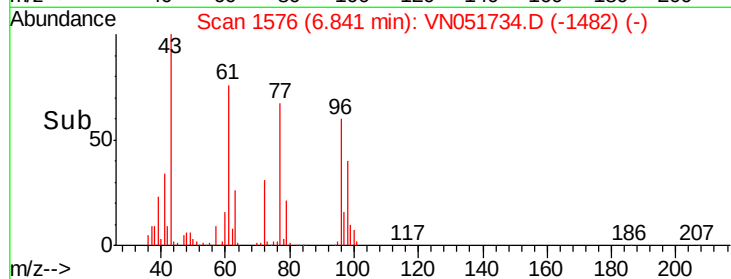
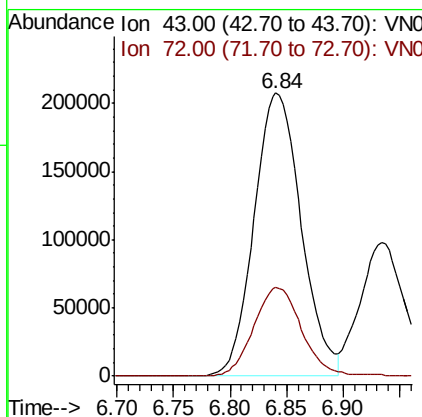
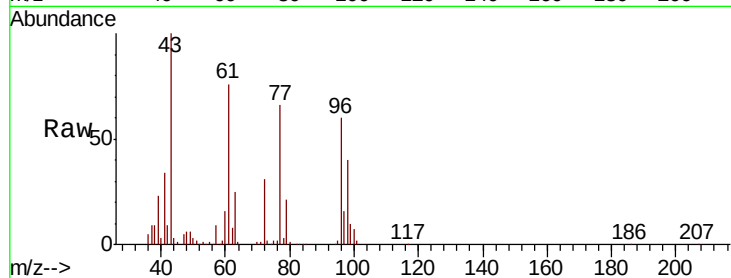




#25
2-Butanone
Concen: 238.024 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

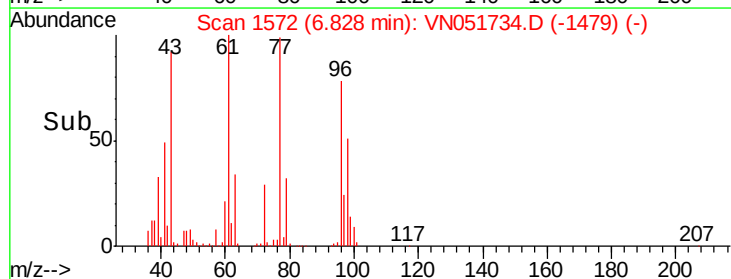
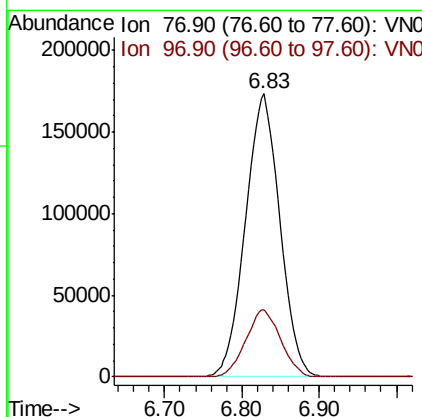
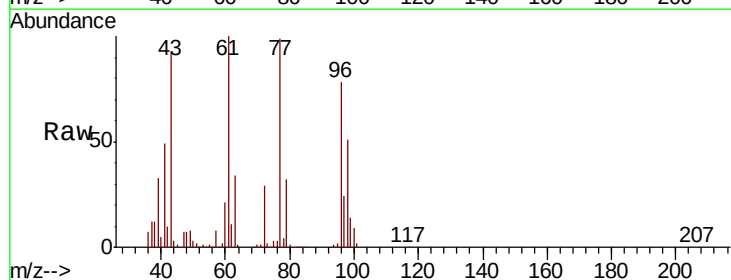
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

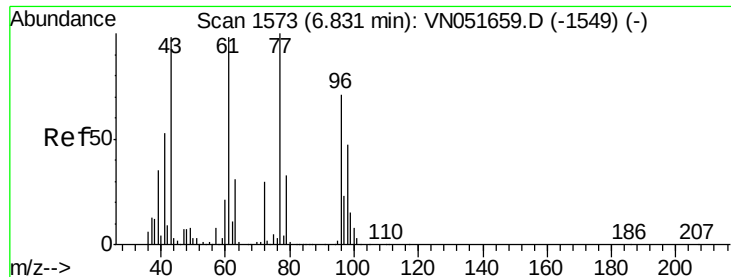
Tot Ion: 43 Resp: 597977
Ion Ratio Lower Upper
43 100
72 31.4 24.2 36.2



#26
2,2-Dichloropropane
Concen: 41.711 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. -0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

Tgt Ion: 77 Resp: 539042
Ion Ratio Lower Upper
77 100
97 24.0 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 47.584 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H-092718(7-10)MSD

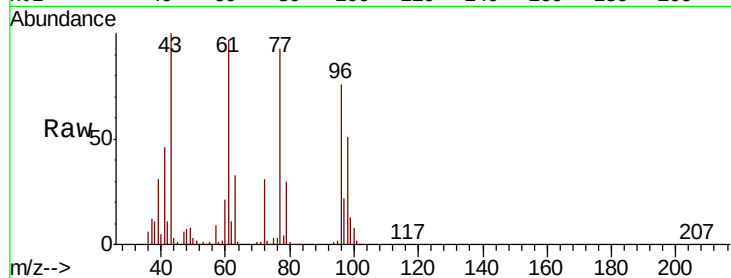
Tot Ion: 96 Resp: 401463

Ion Ratio Lower Upper

96 100

61 129.1 0.0 275.4

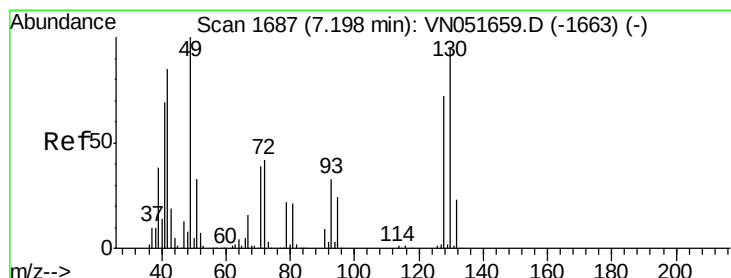
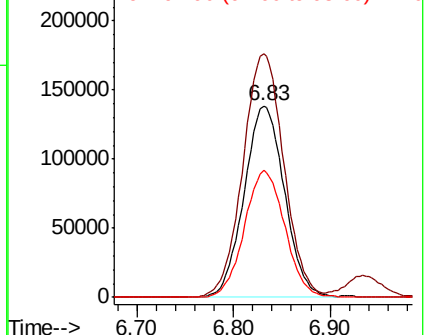
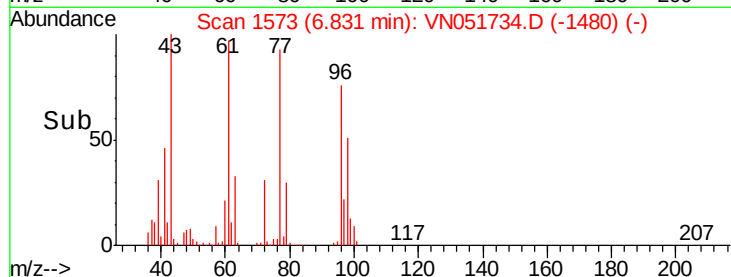
98 66.4 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN051734.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN051734.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN051734.D (-1480) (-)



#28

Bromochloromethane

Concen: 45.200 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

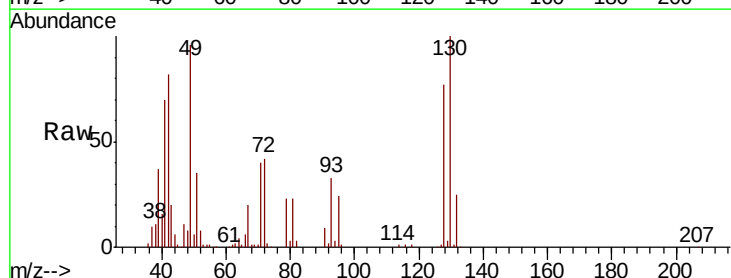
Tgt Ion: 49 Resp: 258057

Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.8

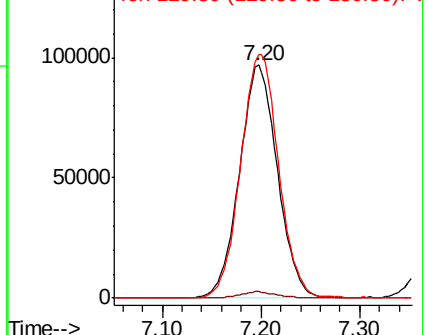
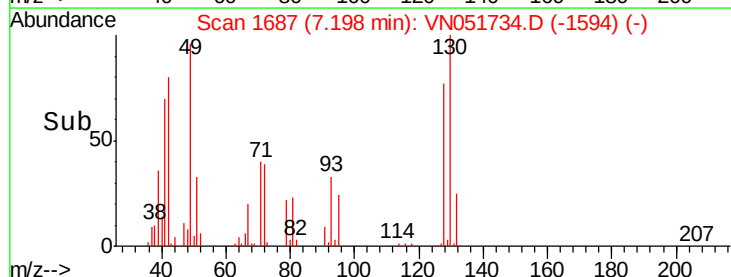
130 104.4 75.7 113.5

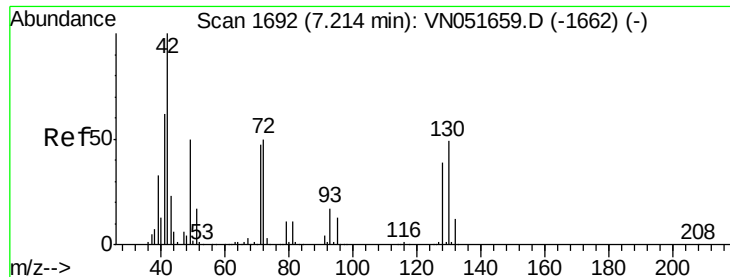


Abundance Ion 48.90 (48.60 to 49.60): VN051734.D (-1594) (-)

Ion 128.80 (128.50 to 129.50): VN051734.D (-1594) (-)

Ion 129.80 (129.50 to 130.50): VN051734.D (-1594) (-)

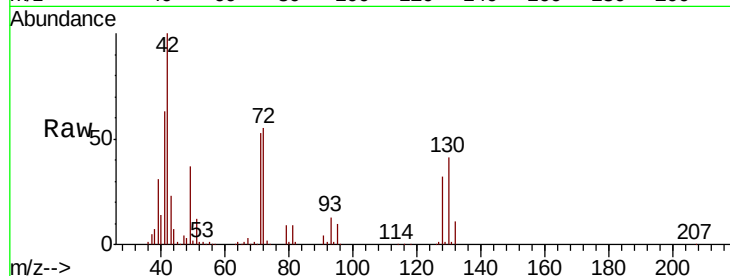




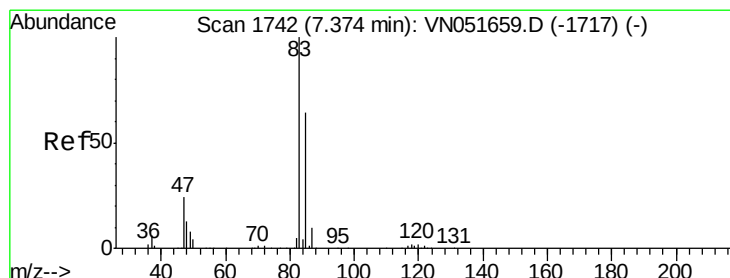
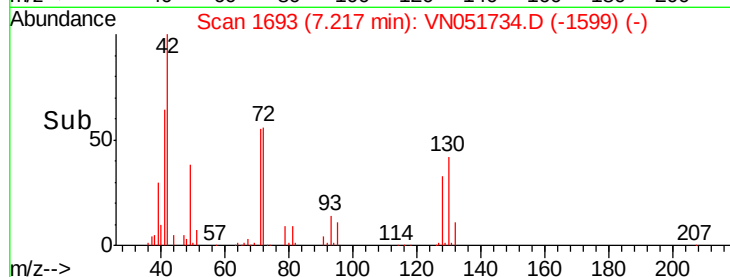
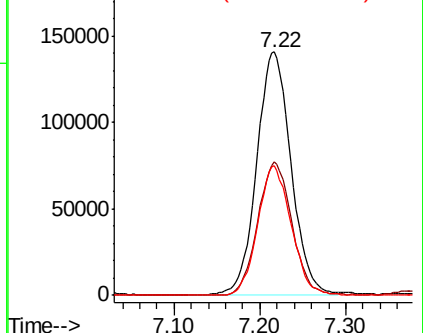
#29
Tetrahydrofuran
Concen: 253.481 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion: 42 Resp: 390788
Ion Ratio Lower Upper
42 100
72 54.7 40.1 60.1
71 52.0 38.0 57.0

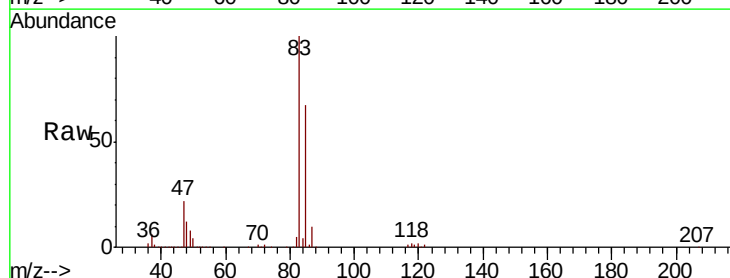


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

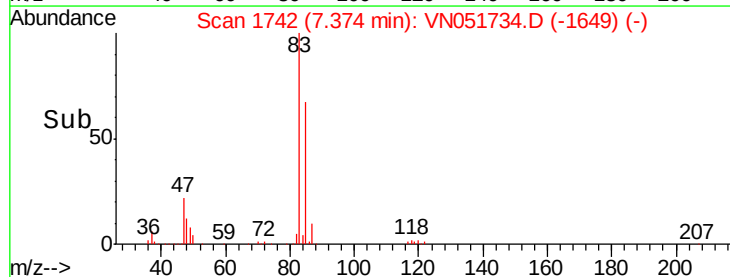
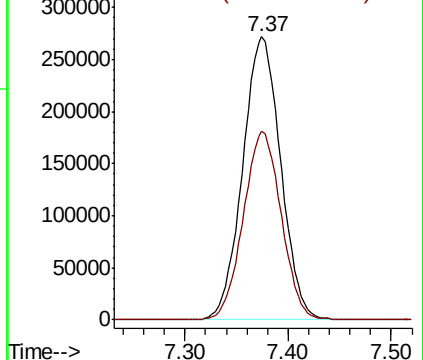


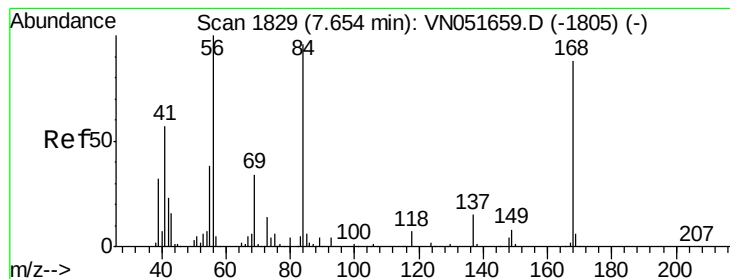
#30
Chloroform
Concen: 48.085 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

Tgt Ion: 83 Resp: 696719
Ion Ratio Lower Upper
83 100
85 66.7 51.6 77.4



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





#31

Cyclohexane

Concen: 44.939 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H-092718(7-10)MSD

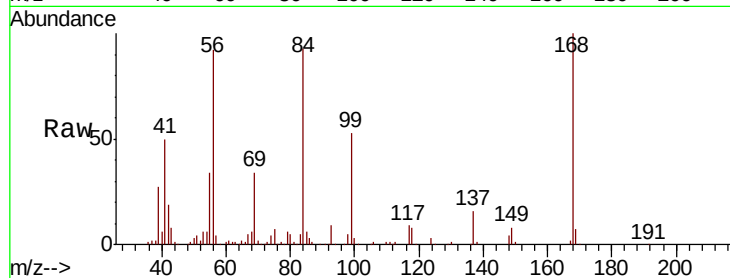
Tot Ion: 56 Resp: 530748

Ion Ratio Lower Upper

56 100

69 36.7 27.5 41.3

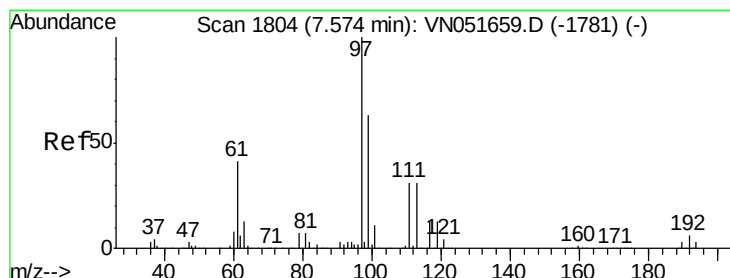
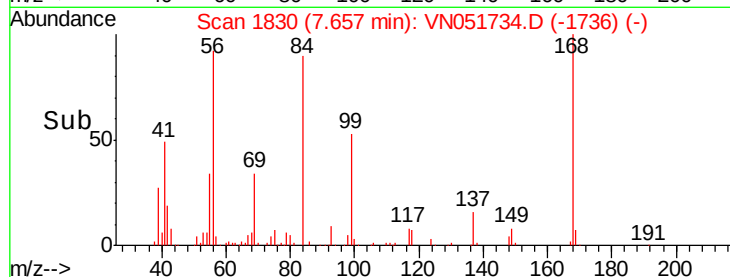
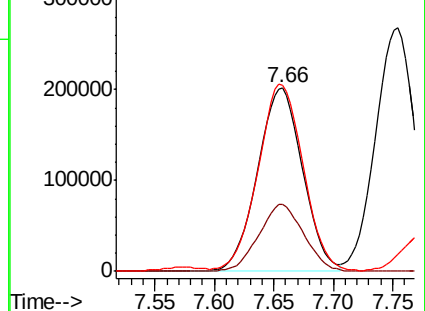
84 99.0 76.7 115.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 48.242 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

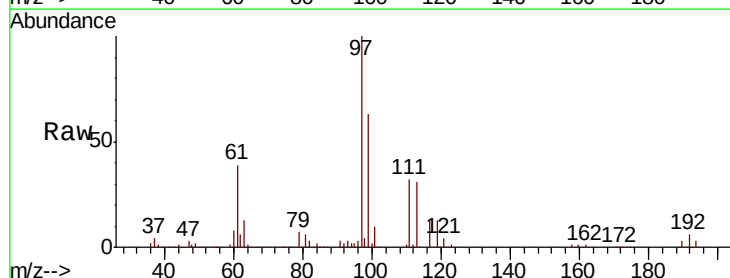
Tgt Ion: 97 Resp: 677520

Ion Ratio Lower Upper

97 100

99 64.5 51.9 77.9

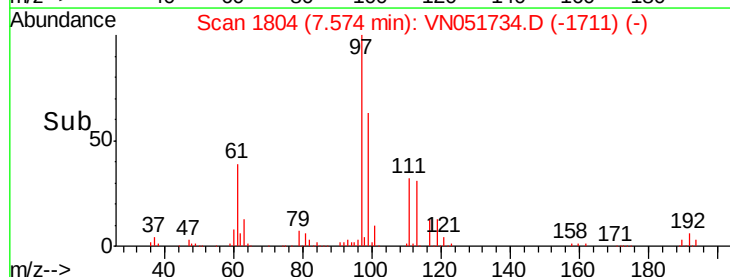
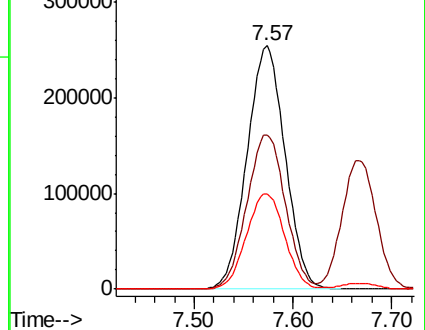
61 39.5 33.4 50.0

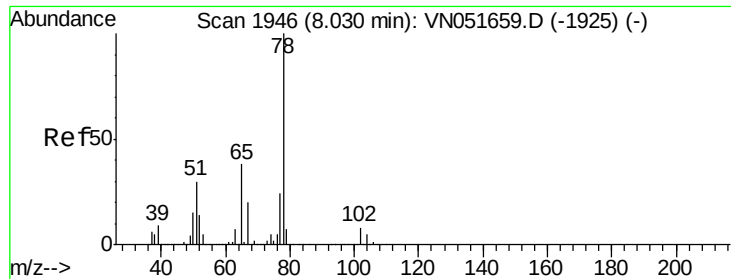


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

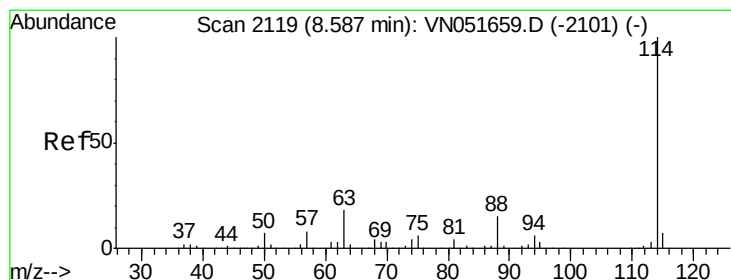
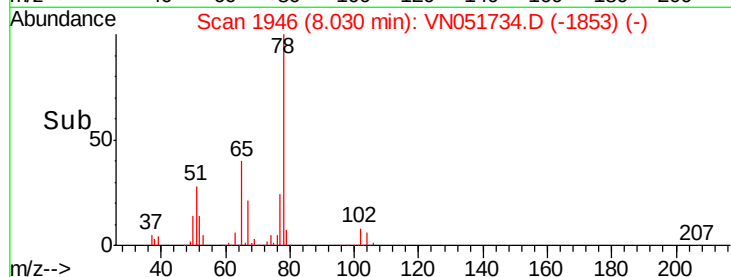
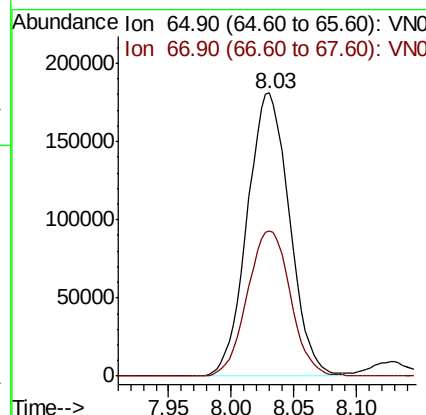
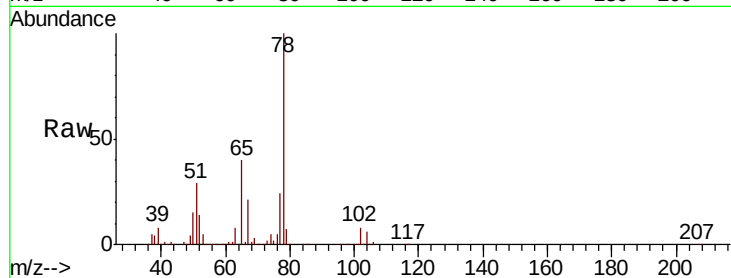




#33
 1,2-Dichloroethane-d4
 Concen: 48.242 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: VN051734.D
 Acq: 8 Oct 2018 14:34

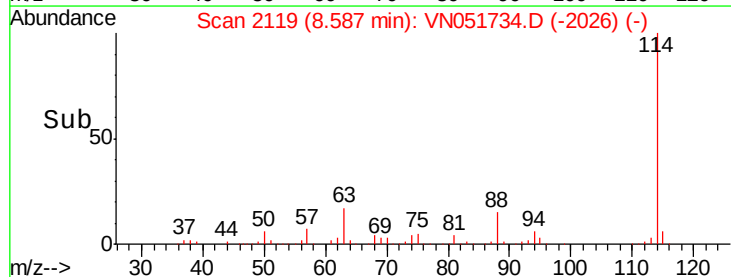
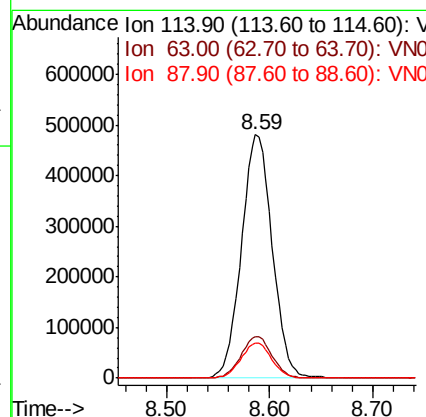
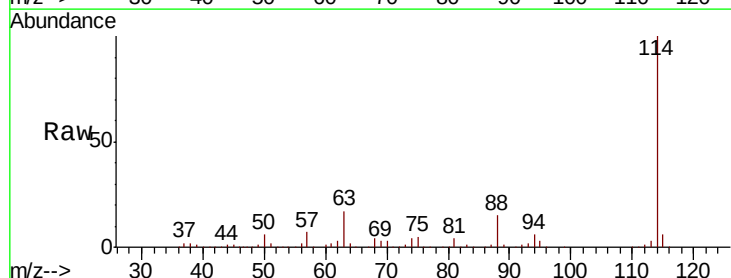
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H-092718(7-10)MSD

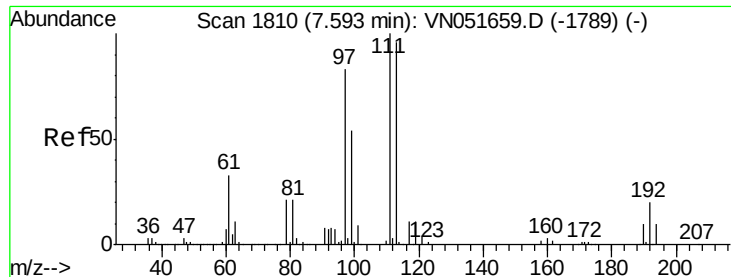
Tot Ion: 65 Resp: 425083
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051734.D
 Acq: 8 Oct 2018 14:34

Tgt Ion: 114 Resp: 998461
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 36.2
 88 14.6 0.0 30.2

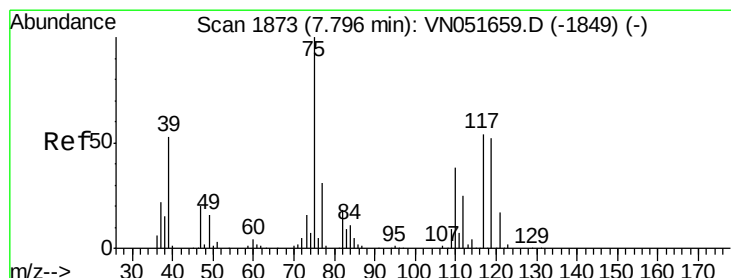
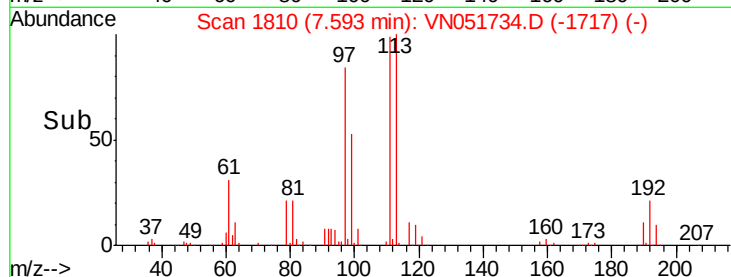
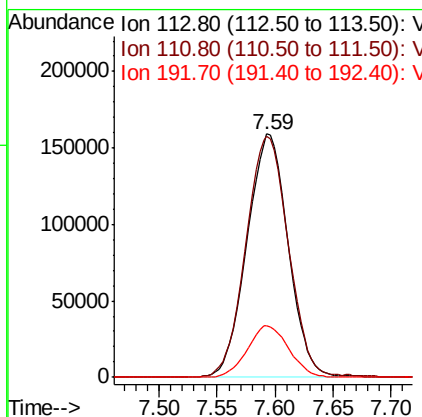
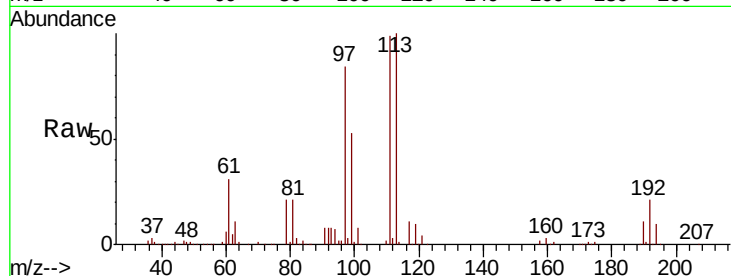




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051734.D
 Acq: 8 Oct 2018 14:34

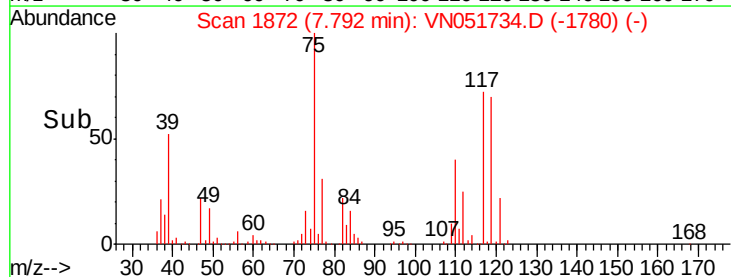
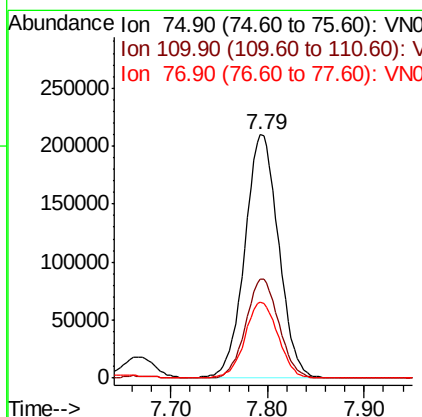
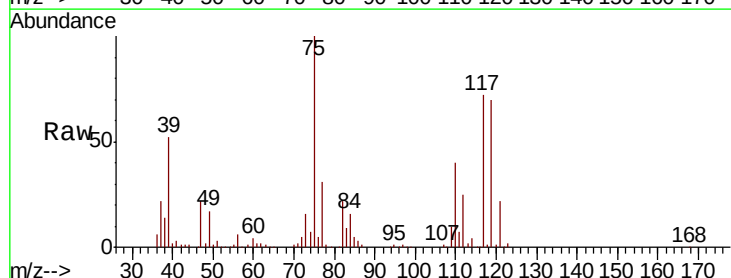
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H-092718(7-10)MSD

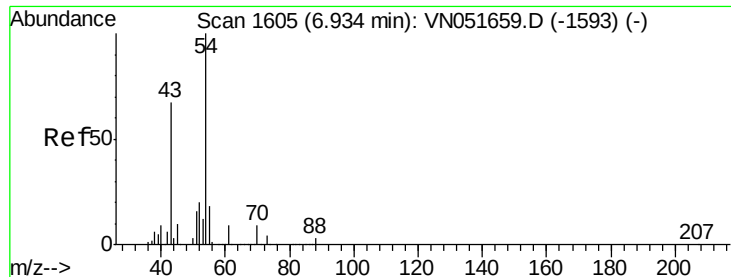
Tot Ion:113 Resp: 393329
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.8 122.8
 192 21.3 16.5 24.7



#36
 1,1-Dichloropropene
 Concen: 48.529 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051734.D
 Acq: 8 Oct 2018 14:34

Tgt Ion: 75 Resp: 506467
 Ion Ratio Lower Upper
 75 100
 110 40.1 19.3 57.8
 77 31.0 24.7 37.1

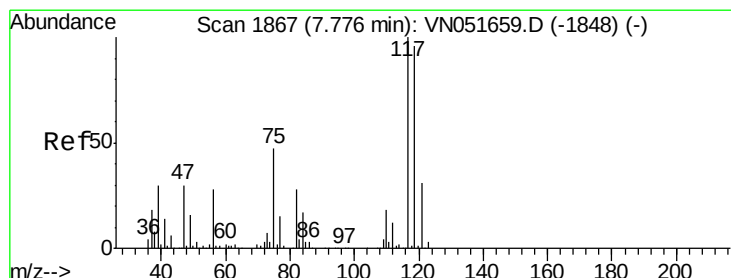
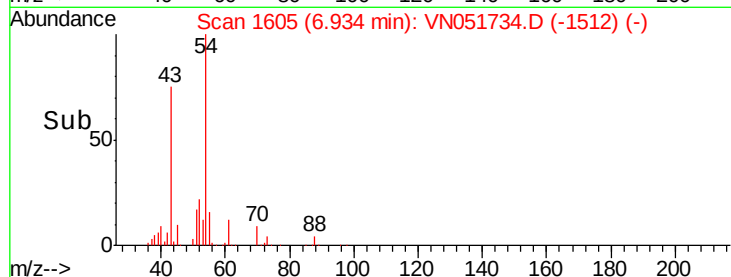
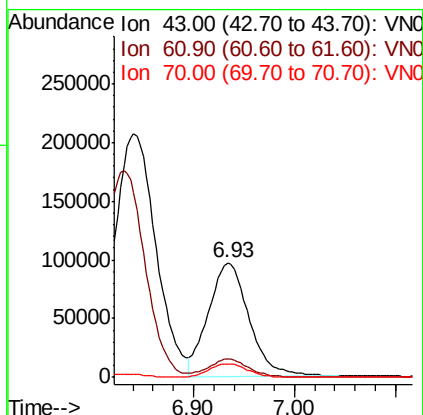
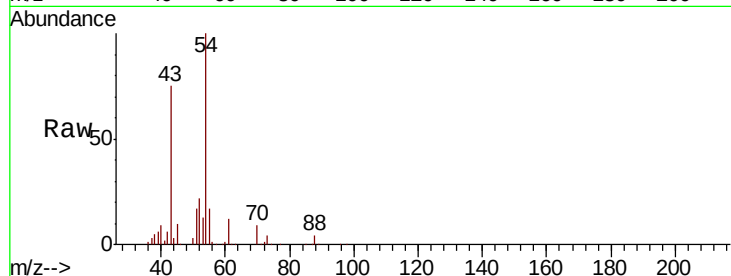




#37
Ethyl Acetate
Concen: 49.735 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

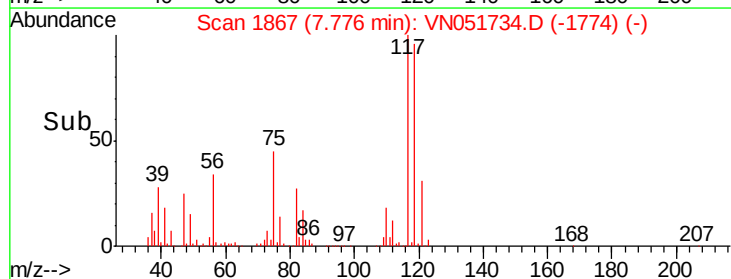
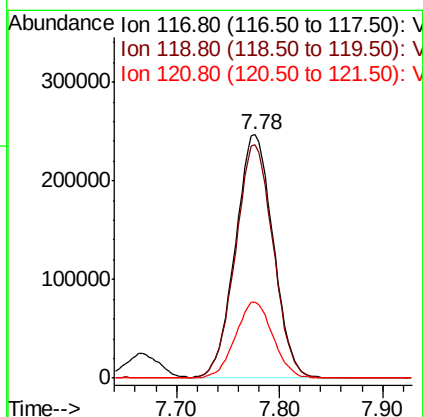
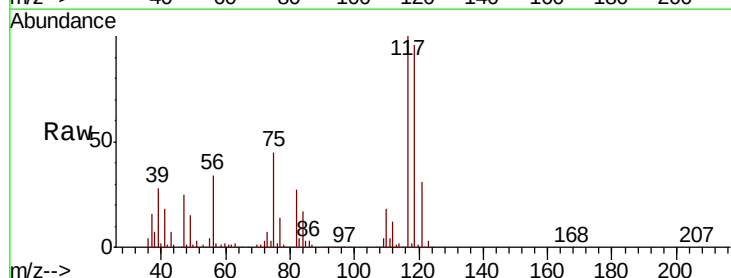
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

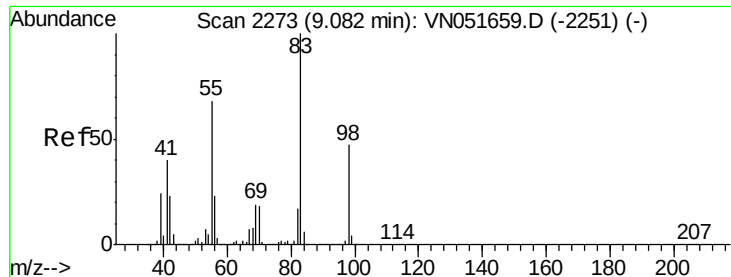
Tot Ion: 43 Resp: 270713
Ion Ratio Lower Upper
43 100
61 15.7 11.8 17.6
70 11.8 8.7 13.1



#38
Carbon Tetrachloride
Concen: 50.067 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

Tgt Ion: 117 Resp: 626986
Ion Ratio Lower Upper
117 100
119 95.8 77.0 115.6
121 31.4 25.0 37.6

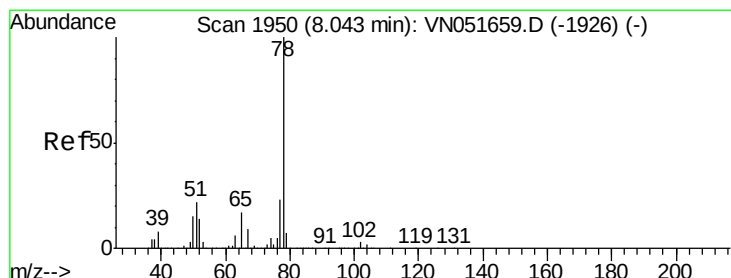
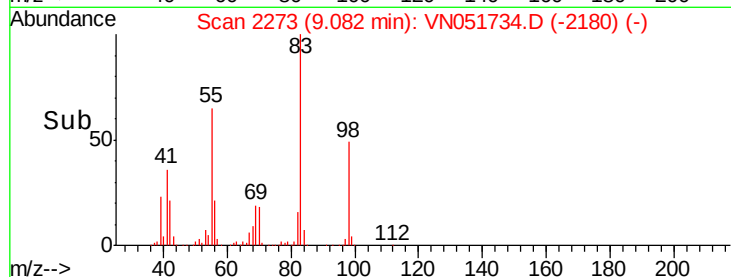
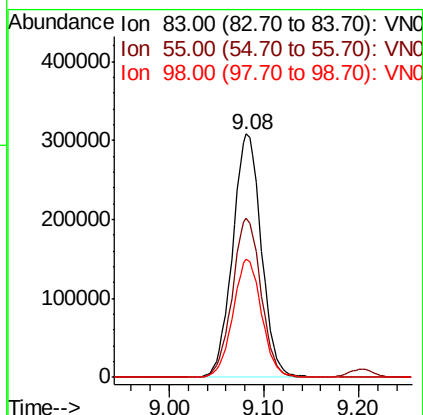
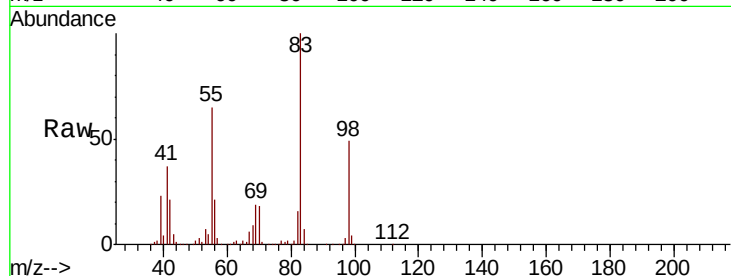




#39
Methylvlcyclohexane
Concen: 49.630 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

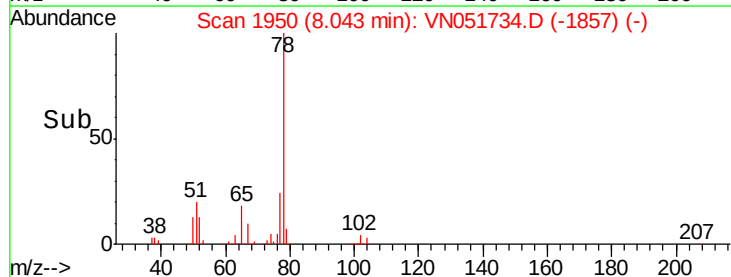
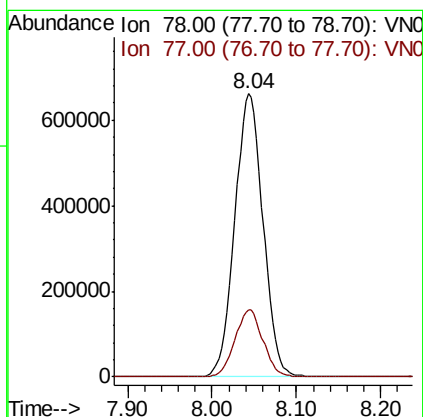
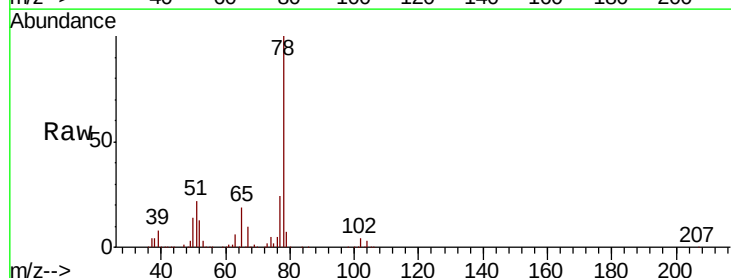
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

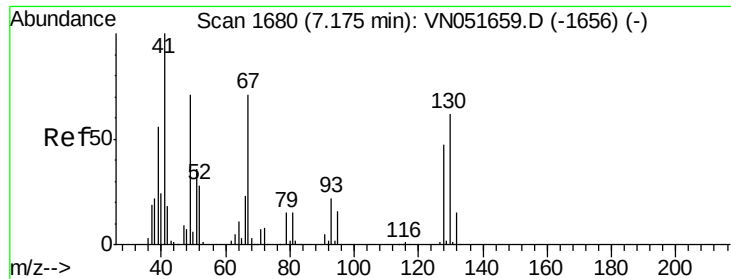
Tot Ion: 83 Resp: 650176
Ion Ratio Lower Upper
83 100
55 65.2 54.3 81.5
98 48.5 37.4 56.2



#40
Benzene
Concen: 49.854 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

Tgt Ion: 78 Resp: 1542405
Ion Ratio Lower Upper
78 100
77 23.8 18.5 27.7

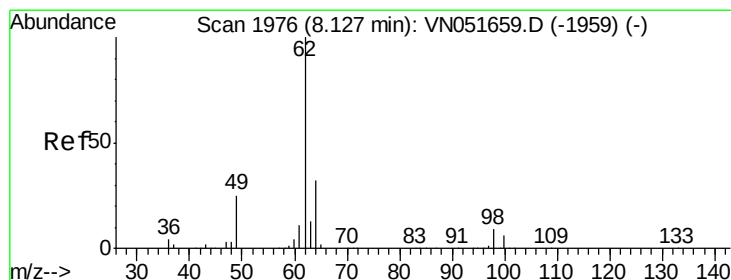
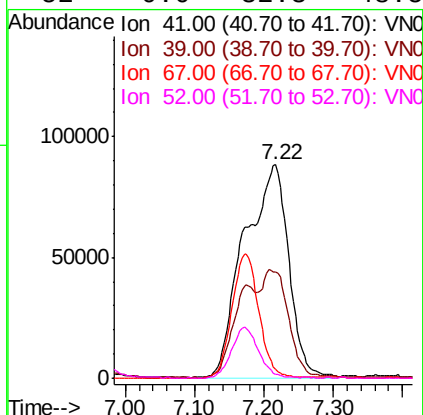
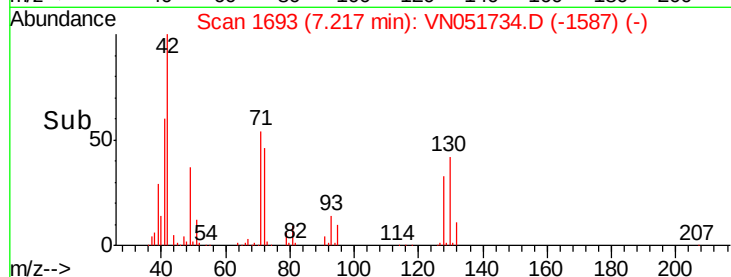
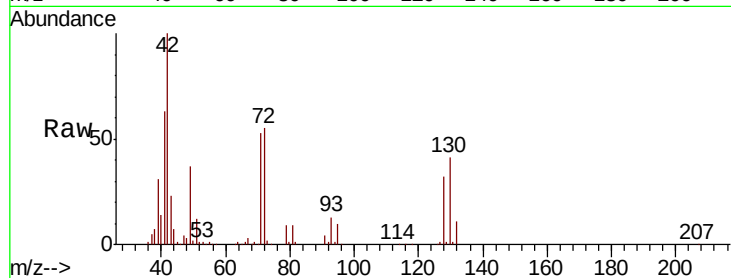




#41
Methacrylonitrile
Concen: 140.484 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.04 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

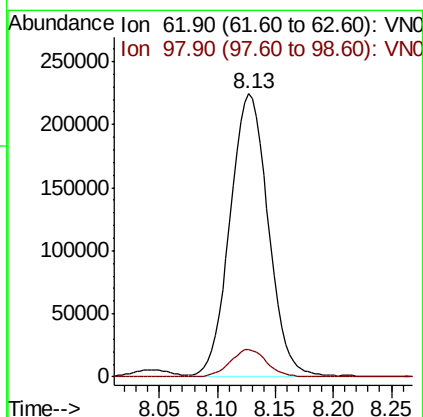
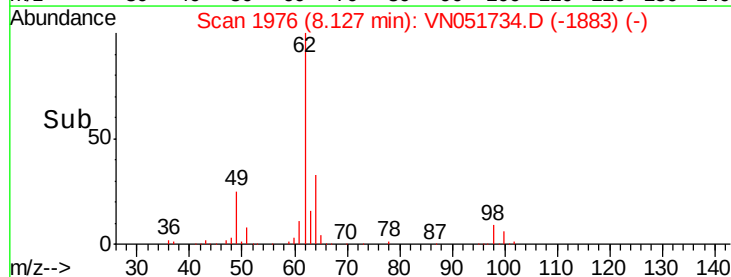
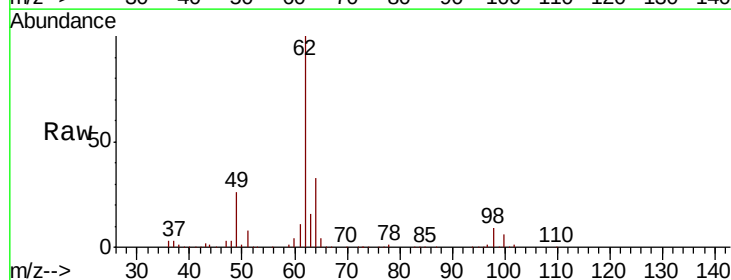
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

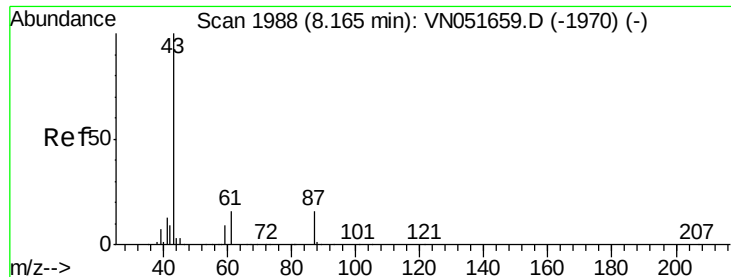
Tot Ion: 41 Resp: 392468
Ion Ratio Lower Upper
41 100
39 0.0 53.9 80.9#
67 0.0 78.1 117.1#
52 0.0 32.3 48.5#



#42
1,2-Dichloroethane
Concen: 48.998 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

Tgt Ion: 62 Resp: 510872
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4





#43

Isopropyl Acetate

Concen: 49.682 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H-092718(7-10)MSD

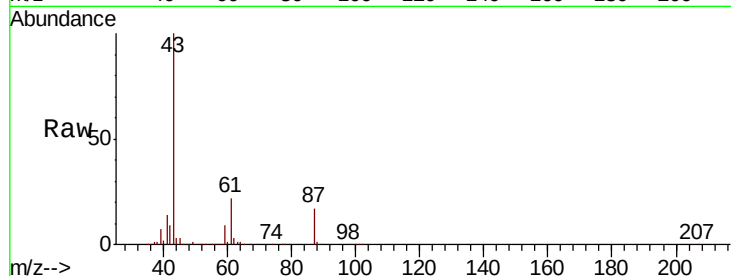
Tot Ion: 43 Resp: 563811

Ion Ratio Lower Upper

43 100

61 30.4 15.8 23.6#

87 16.5 12.6 19.0

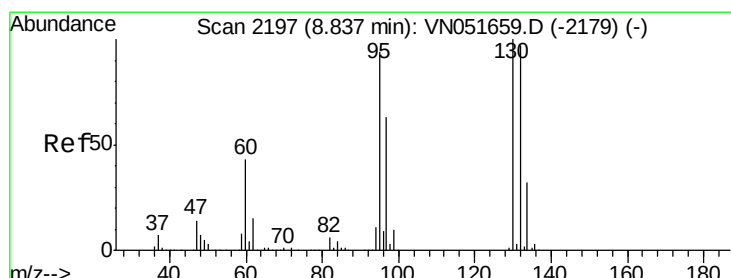
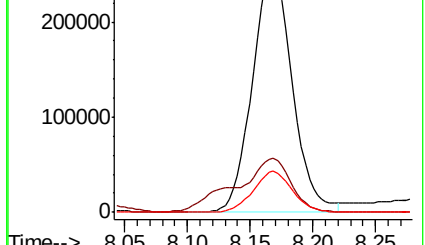
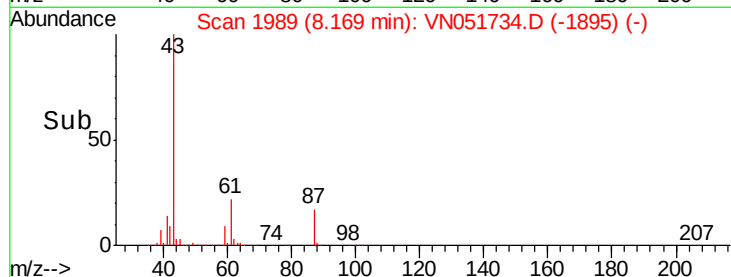


Abundance Ion 43.00 (42.70 to 43.70): VN051659.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN051659.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN051659.D (-1970) (-)

Time-->



#44

Trichloroethene

Concen: 50.670 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN051734.D

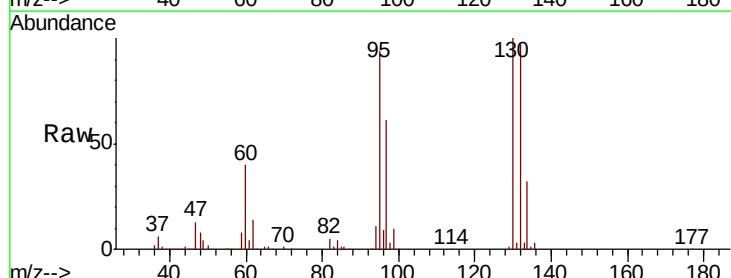
Acq: 8 Oct 2018 14:34

Tgt Ion:130 Resp: 445115

Ion Ratio Lower Upper

130 100

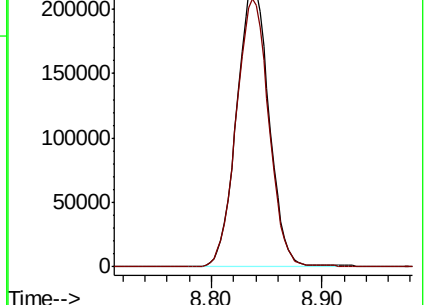
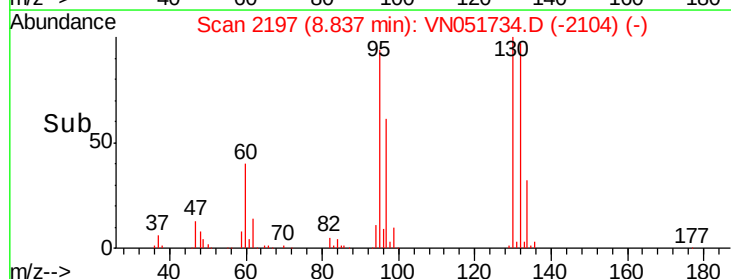
95 94.5 0.0 188.0

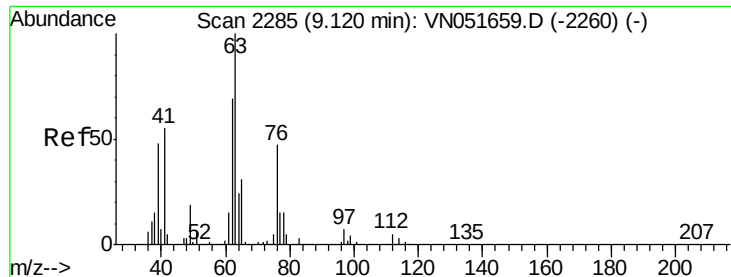


Abundance Ion 129.80 (129.50 to 130.50): VN051659.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN051659.D (-2179) (-)

Time-->

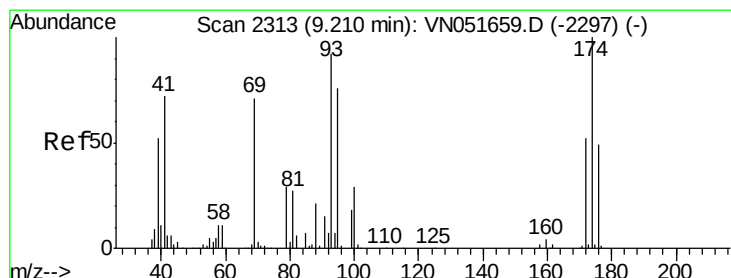
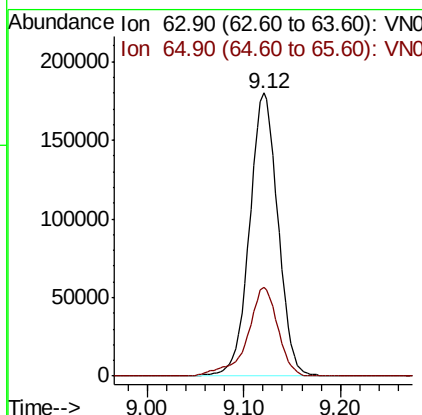
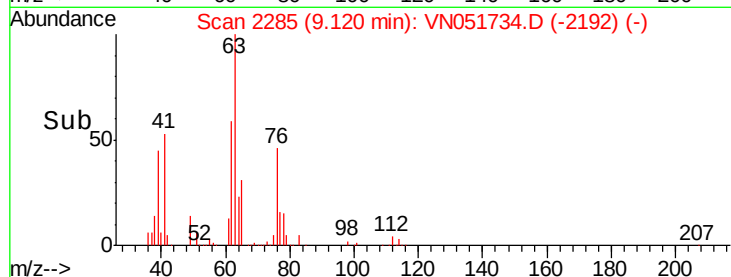
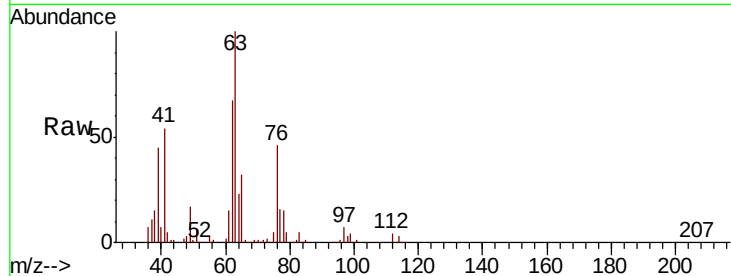




#45
 1,2-Dichloropropane
 Concen: 48.003 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN051734.D
 Acq: 8 Oct 2018 14:34

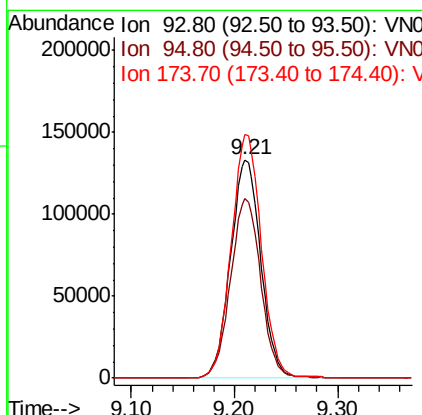
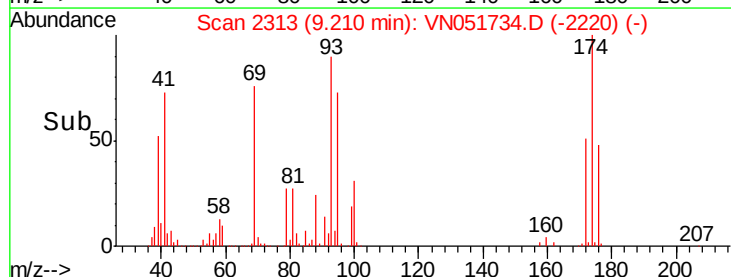
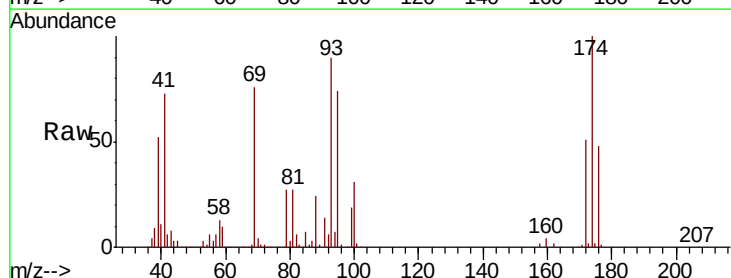
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H-092718(7-10)MSD

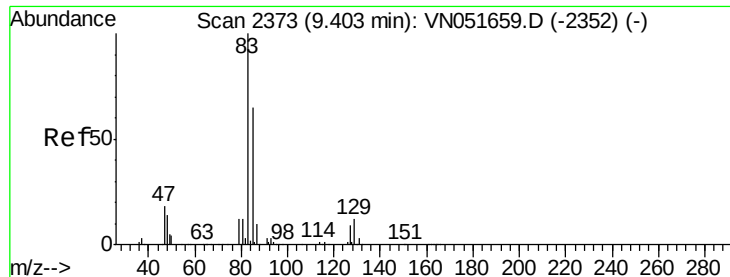
Tot Ion: 63 Resp: 367183
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.0 37.4



#46
 Dibromomethane
 Concen: 51.394 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN051734.D
 Acq: 8 Oct 2018 14:34

Tgt Ion: 93 Resp: 273254
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.6 100.0
 174 110.6 85.9 128.9





#47

Bromodichloromethane

Concen: 49.168 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H-092718(7-10)MSD

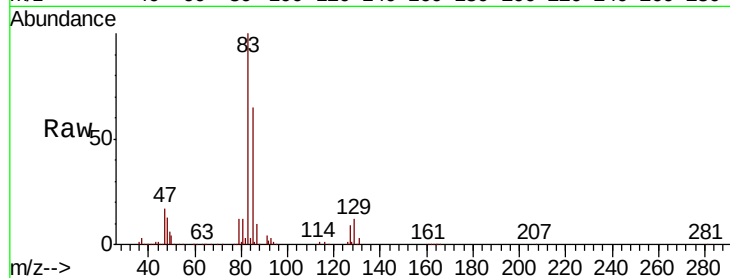
Tot Ion: 83 Resp: 575476

Ion Ratio Lower Upper

83 100

85 65.0 51.6 77.4

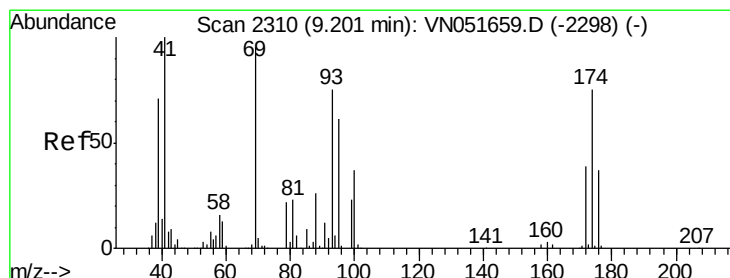
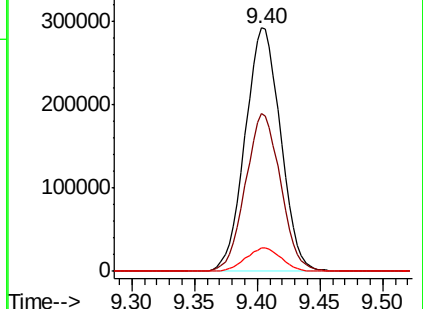
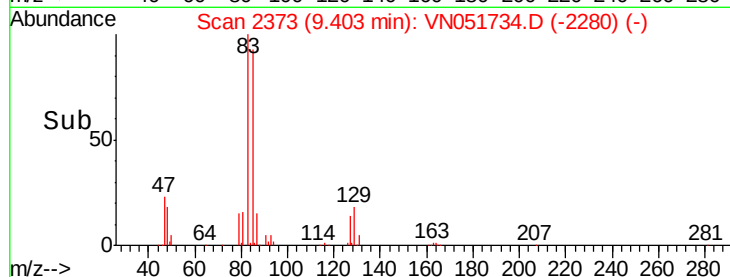
127 9.5 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN051734.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN051734.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN051734.D (-2280) (-)



#48

Methyl methacrylate

Concen: 50.451 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

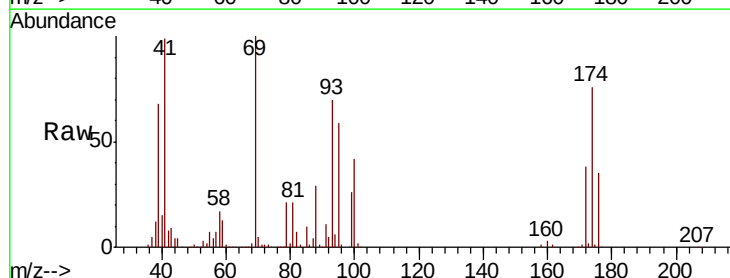
Tgt Ion: 41 Resp: 261617

Ion Ratio Lower Upper

41 100

69 102.1 78.6 118.0

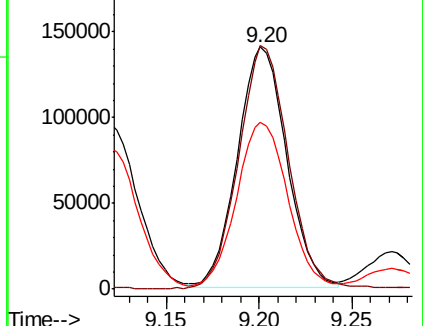
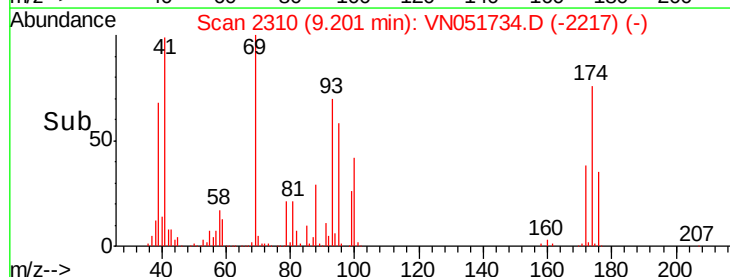
39 71.5 59.2 88.8

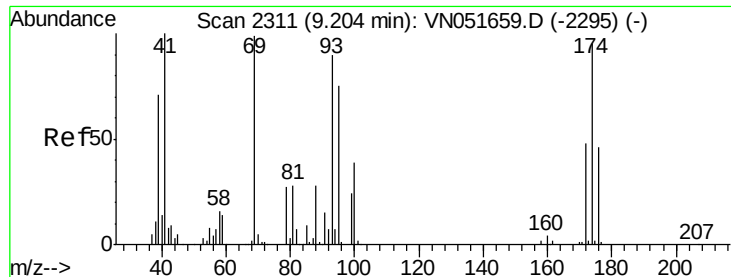


Abundance Ion 41.00 (40.70 to 41.70): VN051734.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN051734.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN051734.D (-2217) (-)

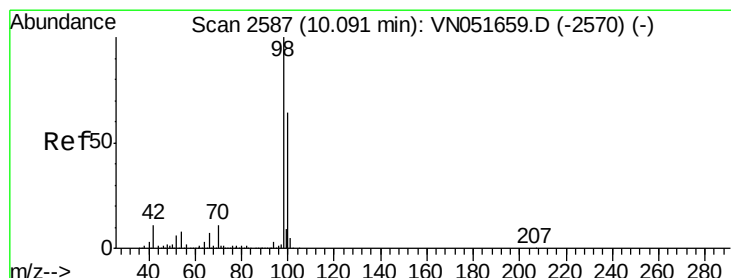
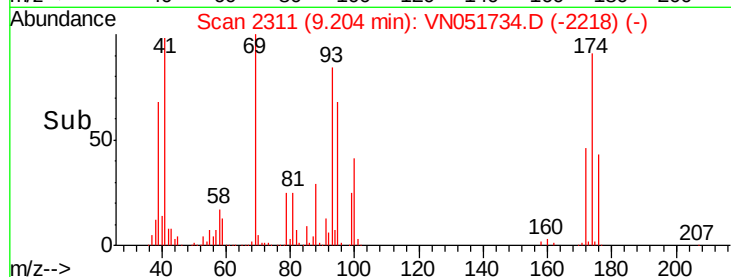
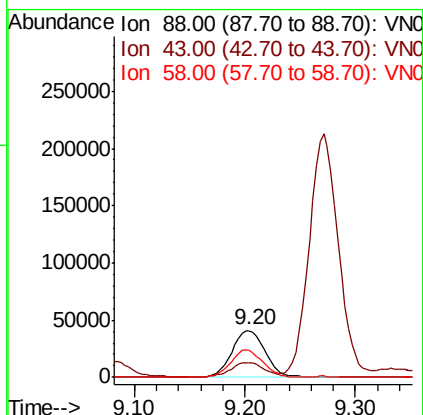
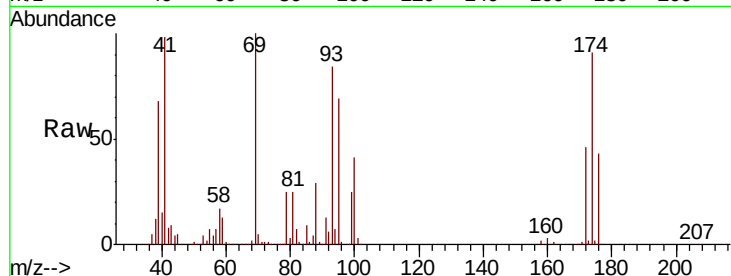




#49
1,4-Dioxane
Concen: 1105.618 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

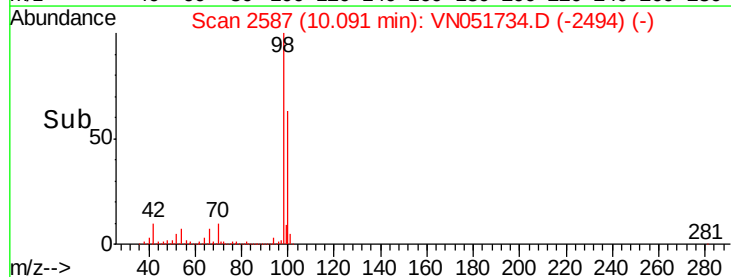
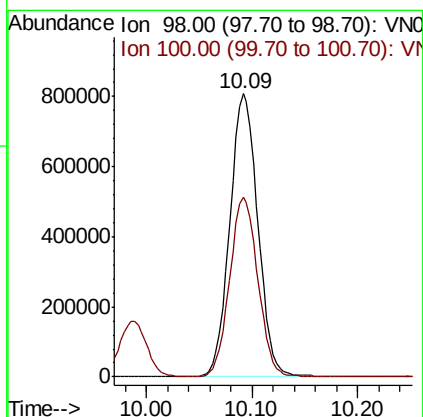
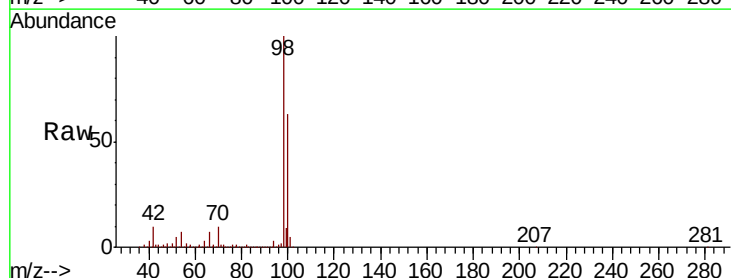
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

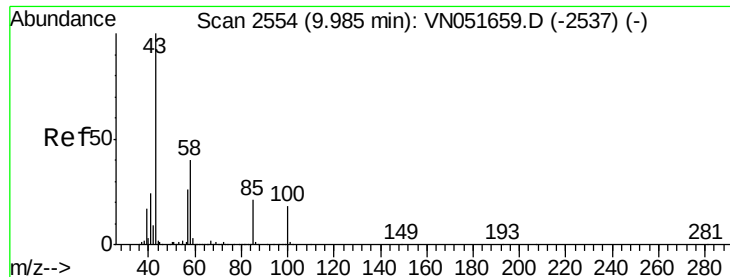
Tot Ion: 88 Resp: 85969
Ion Ratio Lower Upper
88 100
43 28.8 24.5 36.7
58 56.9 47.6 71.4



#50
Toluene-d8
Concen: 1105.618 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

Tgt Ion: 98 Resp: 1487322
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 255.753 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

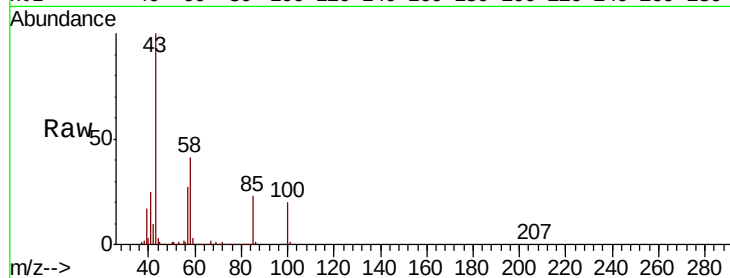
EP1-MW-H-092718(7-10)MSD

Tot Ion: 43 Resp: 1470724

Ion Ratio Lower Upper

43 100

58 41.4 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

800000

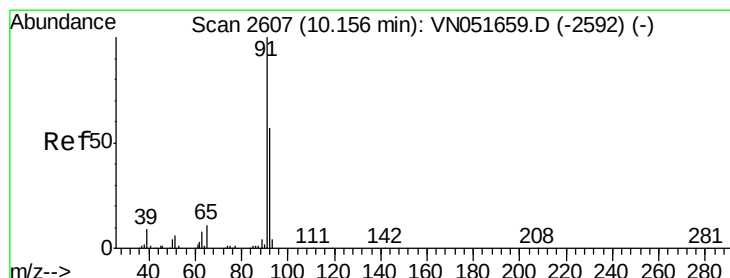
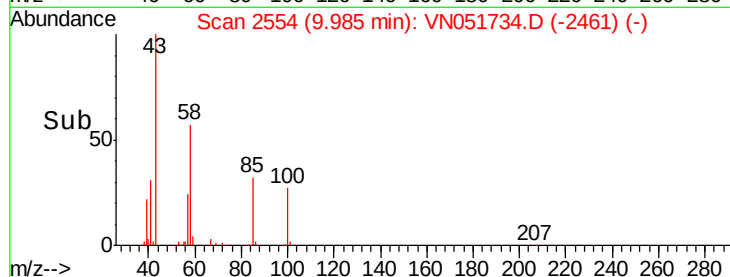
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.347 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051734.D

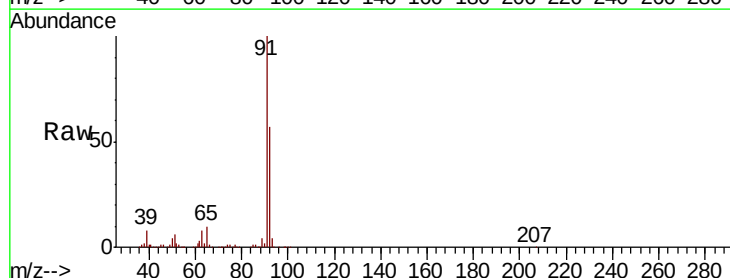
Acq: 8 Oct 2018 14:34

Tgt Ion: 92 Resp: 1056585

Ion Ratio Lower Upper

92 100

91 175.3 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

1200000

1000000

800000

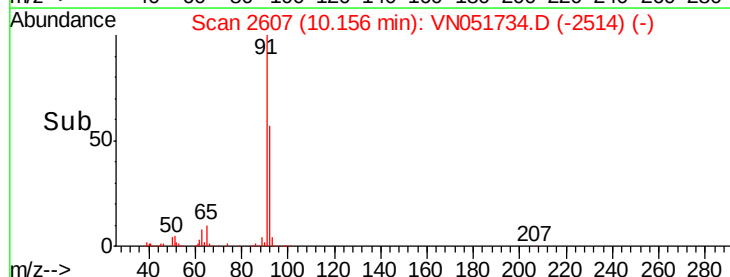
600000

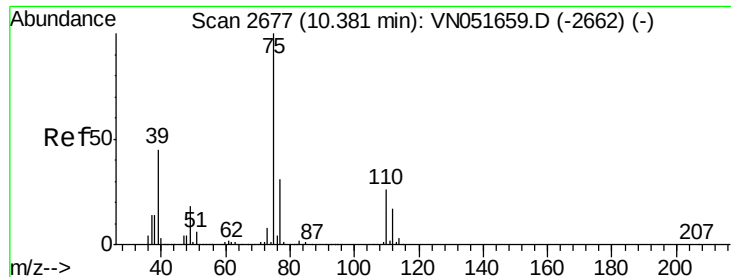
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.742 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

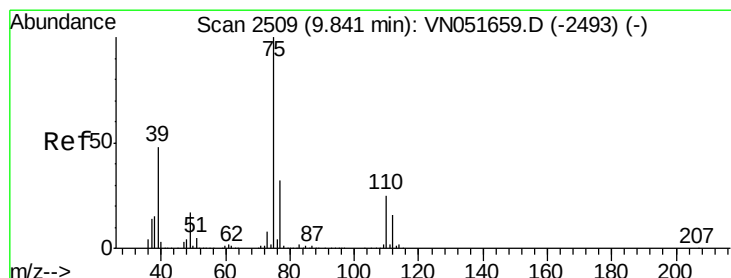
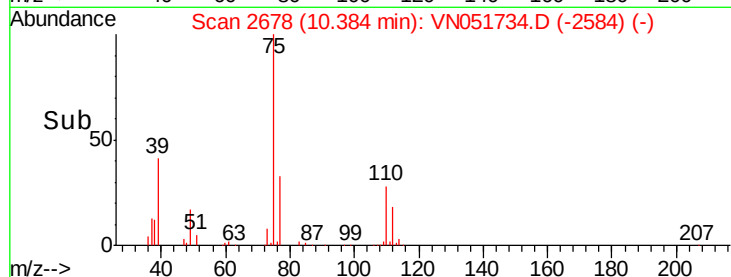
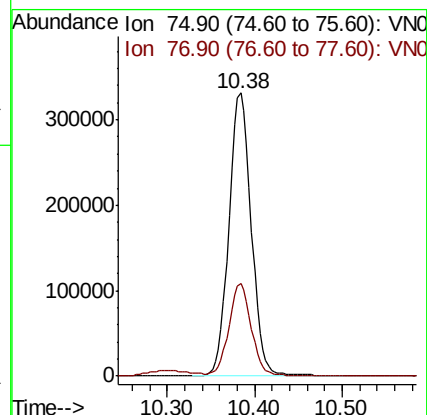
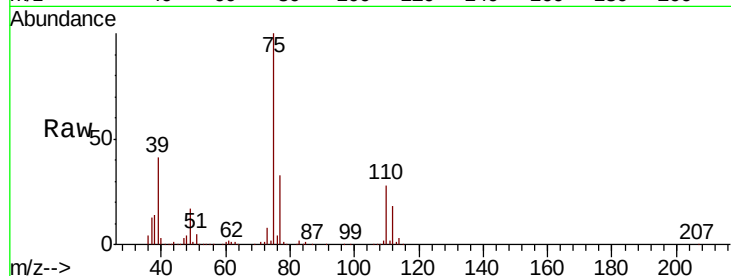
EP1-MW-H-092718(7-10)MSD

Tot Ion: 75 Resp: 588664

Ion Ratio Lower Upper

75 100

77 32.5 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 47.747 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

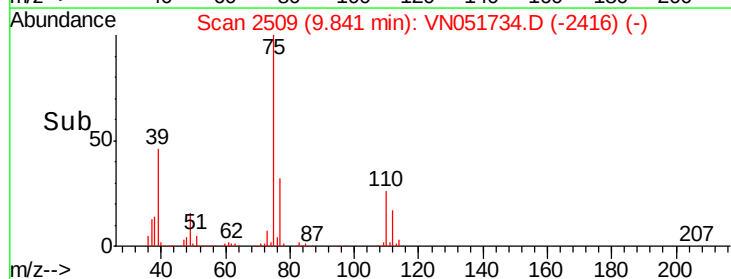
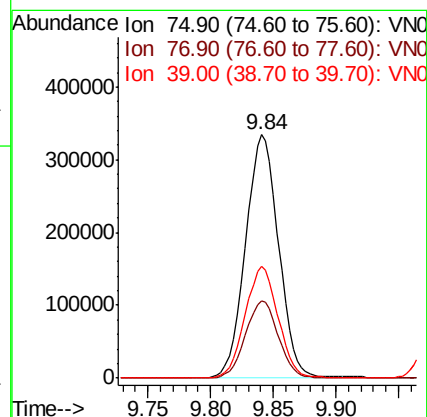
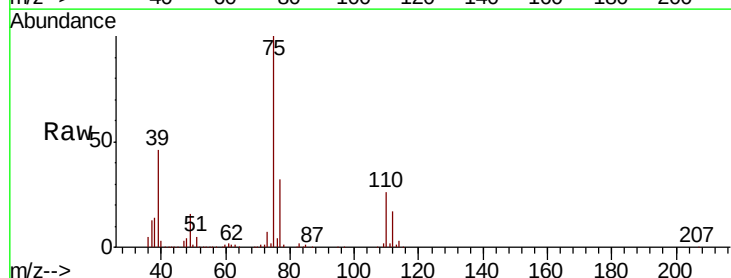
Tgt Ion: 75 Resp: 612348

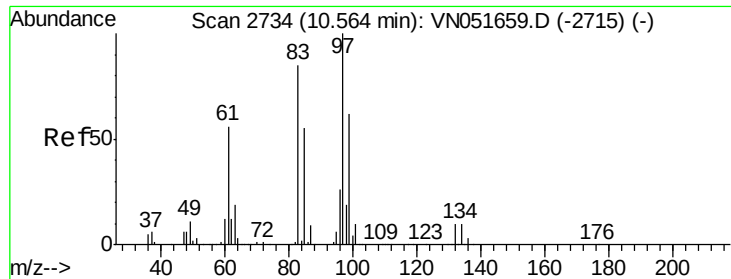
Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

39 45.7 38.1 57.1



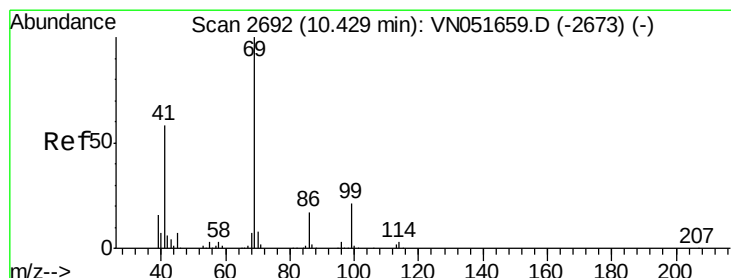
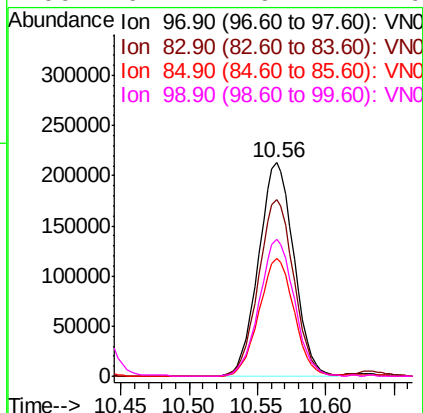
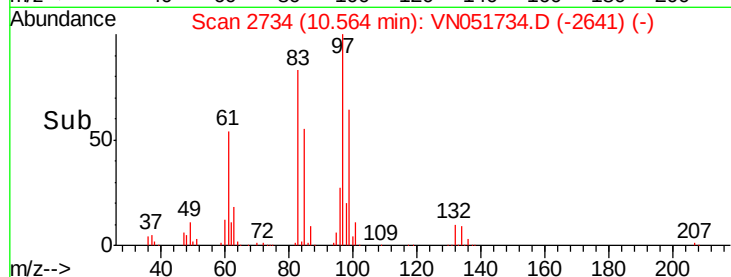
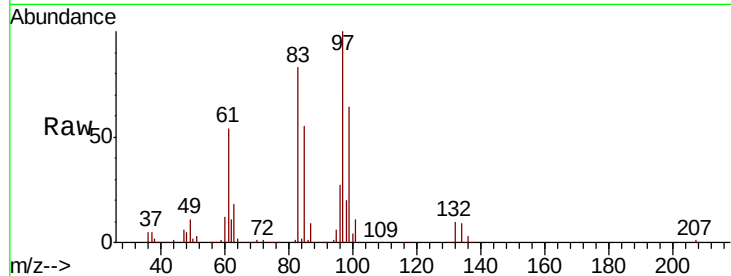


#55
 1,1,2-Trichloroethane
 Concen: 52.337 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN051734.D
 Acq: 8 Oct 2018 14:34

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H-092718(7-10)MSD

Tot Ion: 97 Resp: 383650

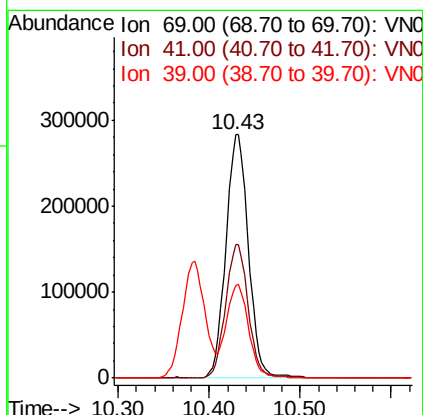
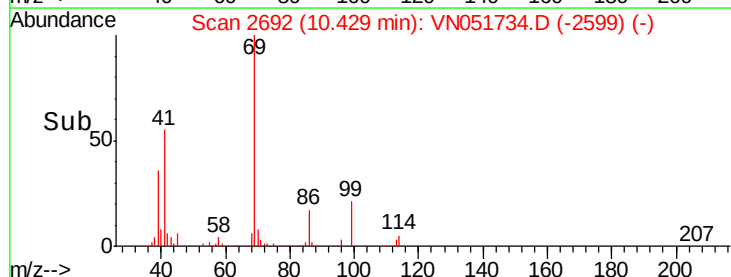
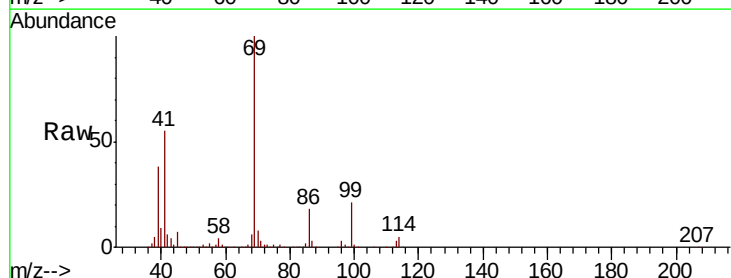
Ion	Ratio	Lower	Upper
97	100		
83	82.9	68.1	102.1
85	55.2	43.6	65.4
99	64.2	49.4	74.0

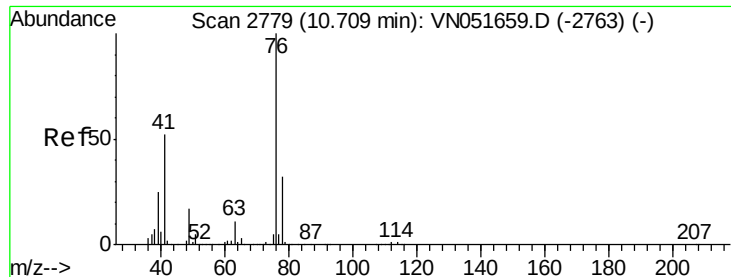


#56
 Ethyl methacrylate
 Concen: 52.580 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN051734.D
 Acq: 8 Oct 2018 14:34

Tgt Ion: 69 Resp: 487418

Ion	Ratio	Lower	Upper
69	100		
41	54.4	46.4	69.6
39	38.6	32.4	48.6





#57

1,3-Dichloropropane

Concen: 51.478 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

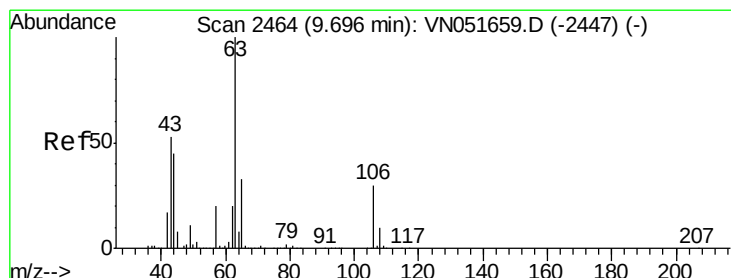
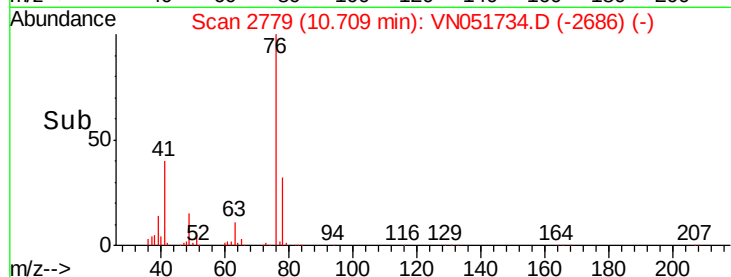
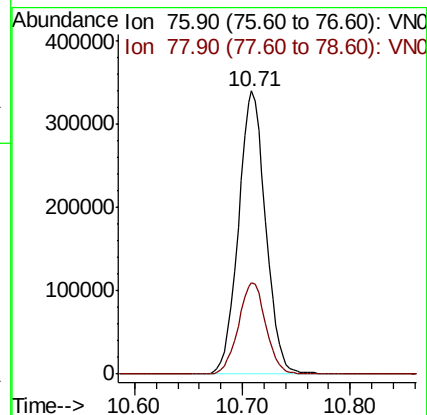
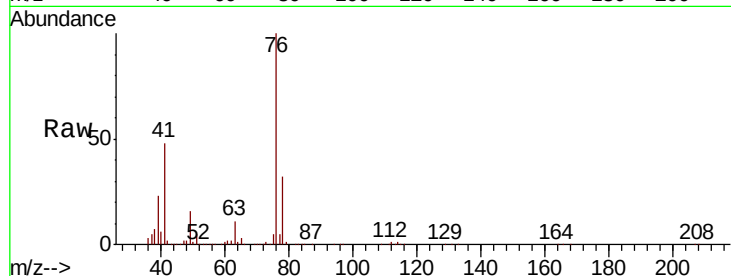
EP1-MW-H-092718(7-10)MSD

Tot Ion: 76 Resp: 597235

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 258.861 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN051734.D

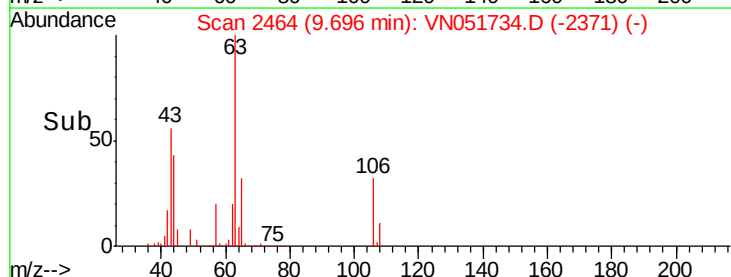
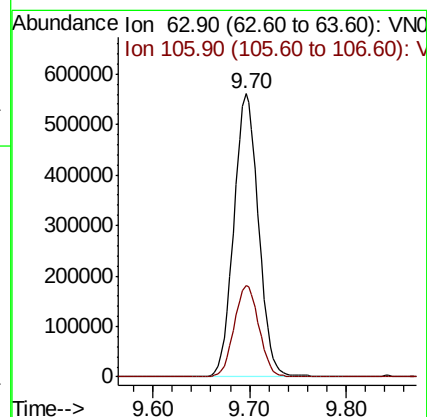
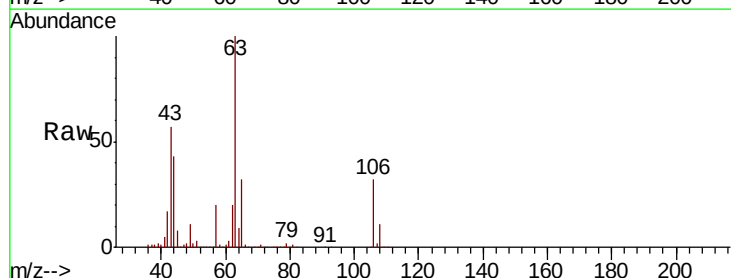
Acq: 8 Oct 2018 14:34

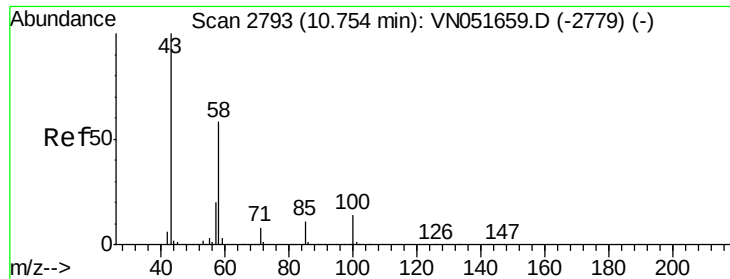
Tgt Ion: 63 Resp: 993127

Ion Ratio Lower Upper

63 100

106 32.5 24.3 36.5

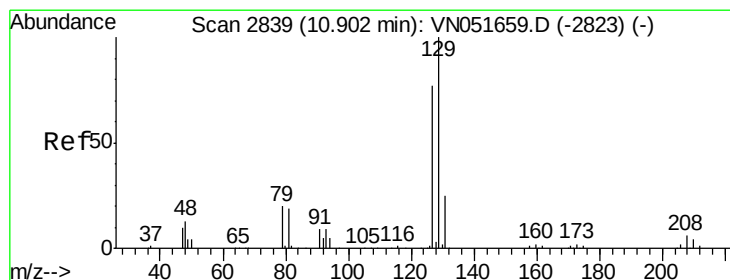
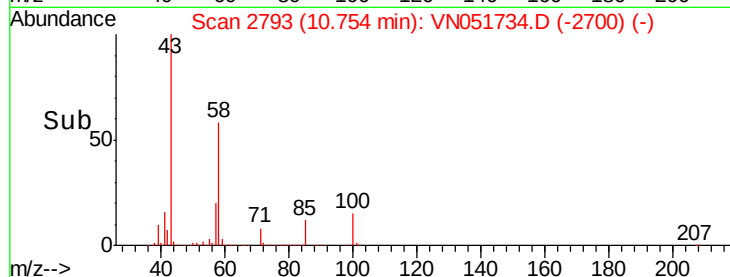
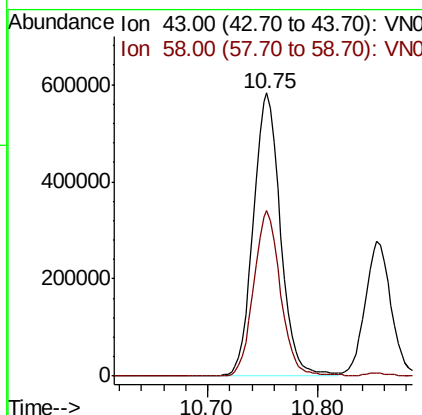
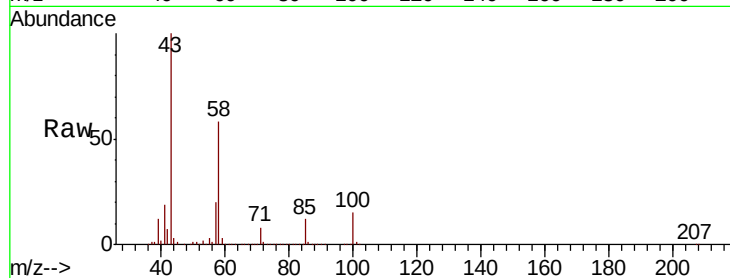




#59
2-Hexanone
Concen: 254.026 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

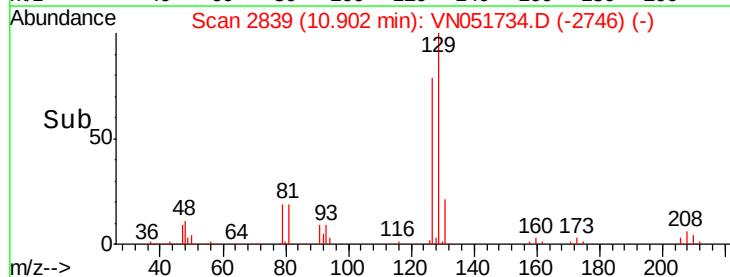
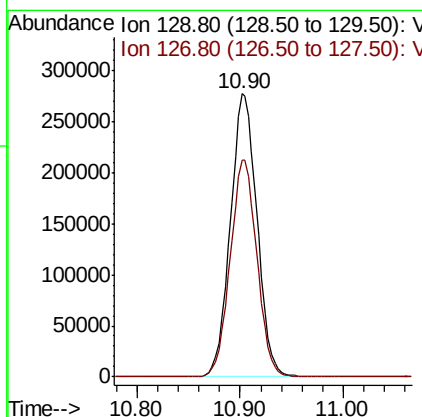
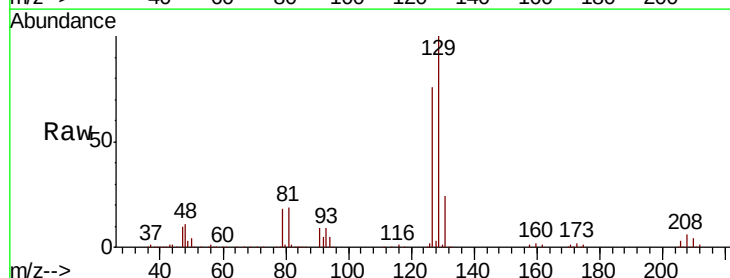
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

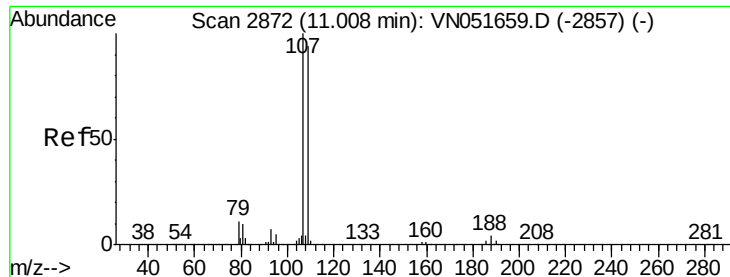
Tot Ion: 43 Resp: 992069
Ion Ratio Lower Upper
43 100
58 57.7 28.8 86.4



#60
Dibromochloromethane
Concen: 52.134 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

Tgt Ion: 129 Resp: 500115
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.7

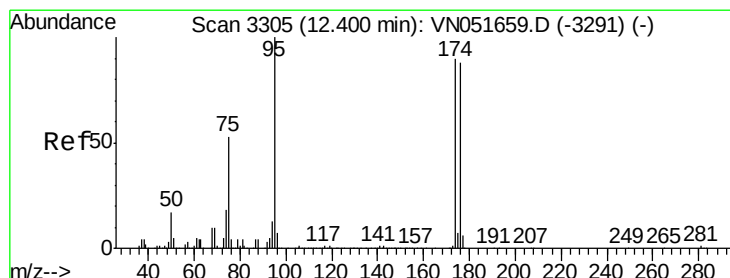
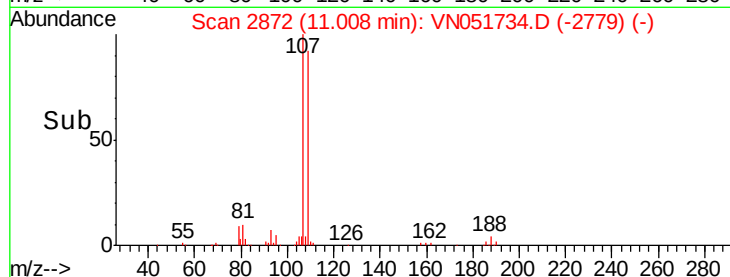
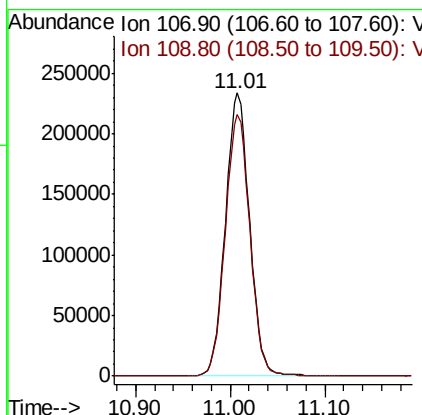
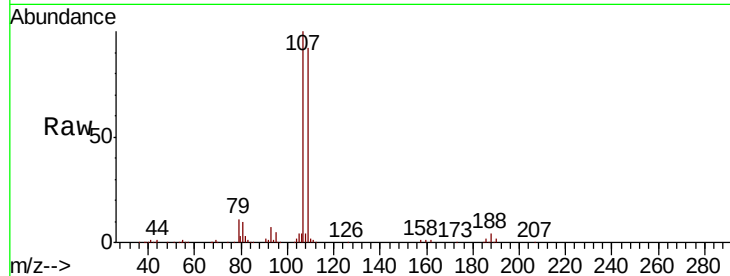




#61
 1,2-Dibromoethane
 Concen: 53.582 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN051734.D
 Acq: 8 Oct 2018 14:34

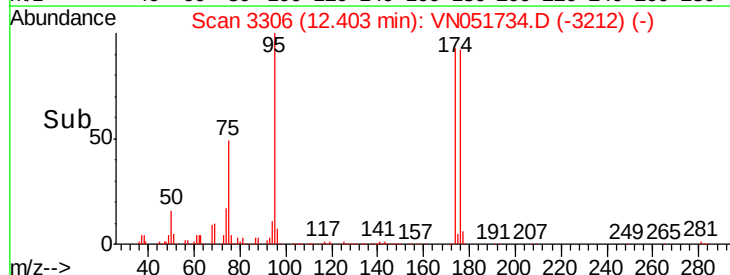
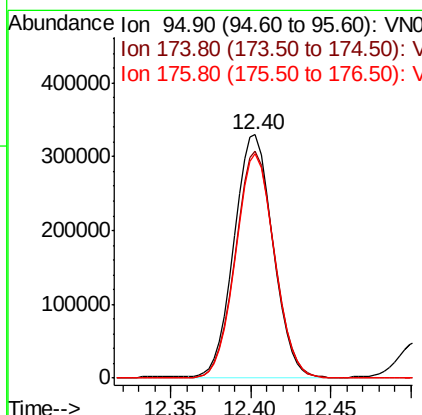
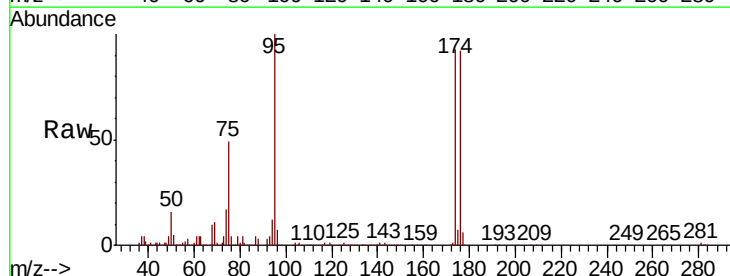
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H-092718(7-10)MSD

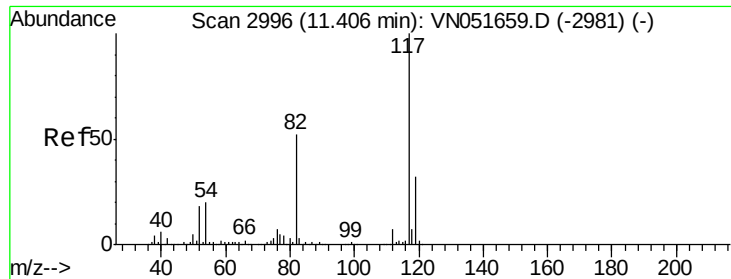
Tot Ion:107 Resp: 415222
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 53.582 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN051734.D
 Acq: 8 Oct 2018 14:34

Tgt Ion: 95 Resp: 544517
 Ion Ratio Lower Upper
 95 100
 174 93.5 0.0 182.8
 176 92.1 0.0 176.4

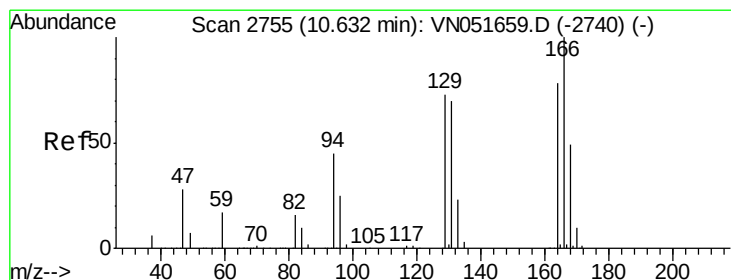
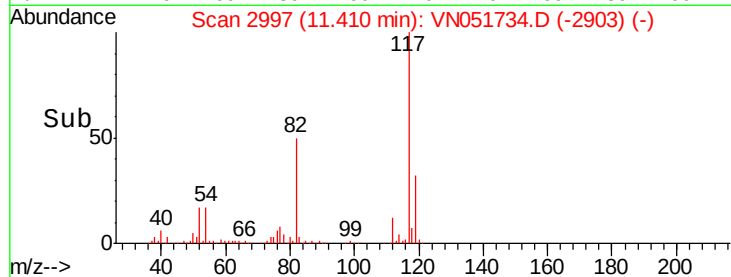
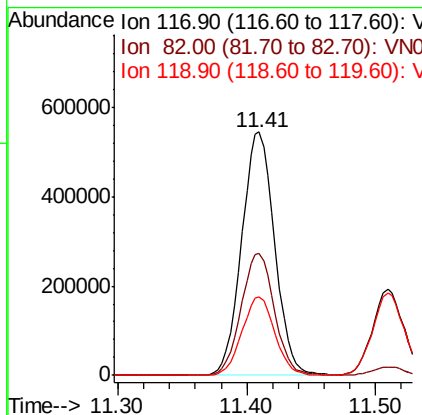
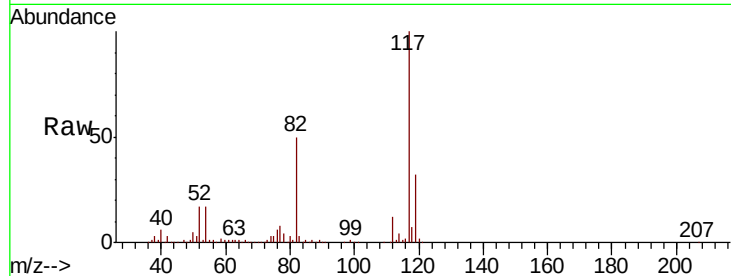




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

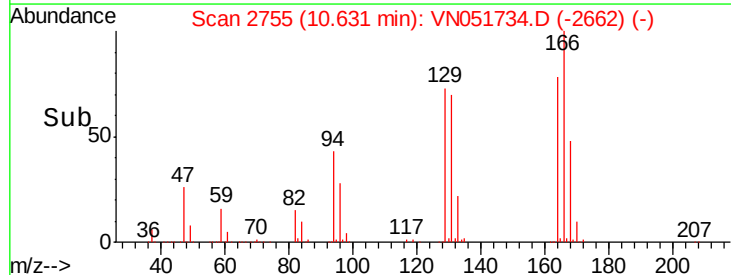
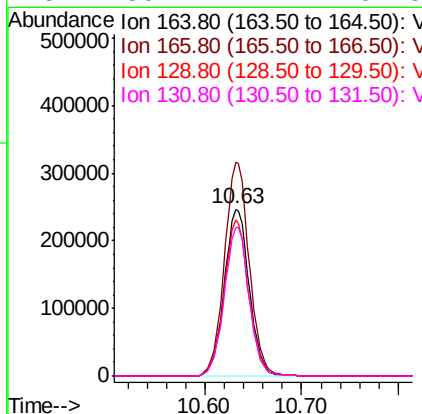
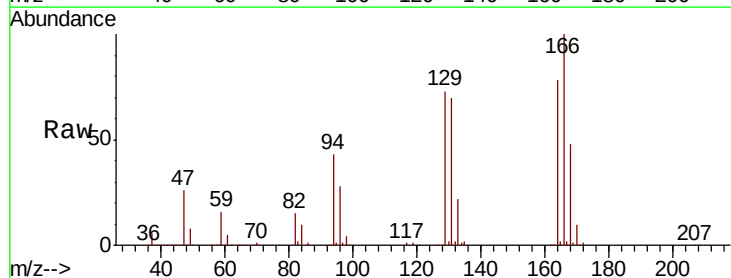
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

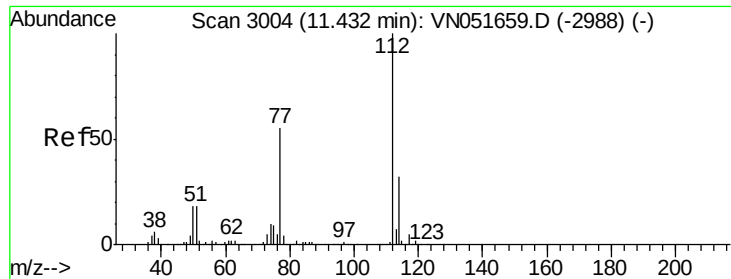
Tot Ion:117 Resp: 971113
Ion Ratio Lower Upper
117 100
82 50.1 41.3 61.9
119 32.4 25.9 38.9



#64
Tetrachloroethene
Concen: 51.407 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

Tgt Ion:164 Resp: 440438
Ion Ratio Lower Upper
164 100
166 128.1 103.0 154.6
129 93.4 75.2 112.8
131 89.2 71.7 107.5

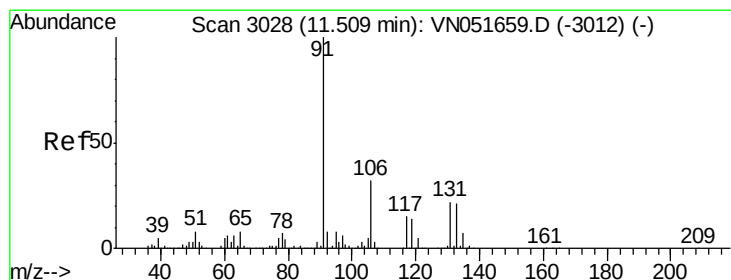
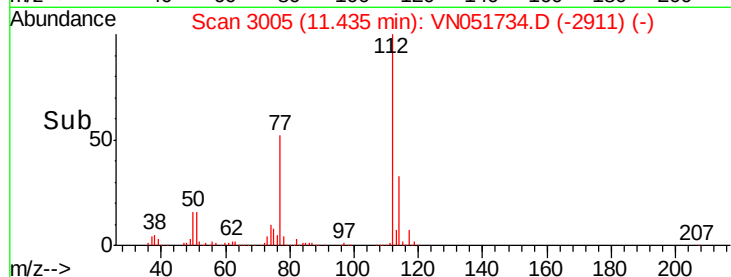
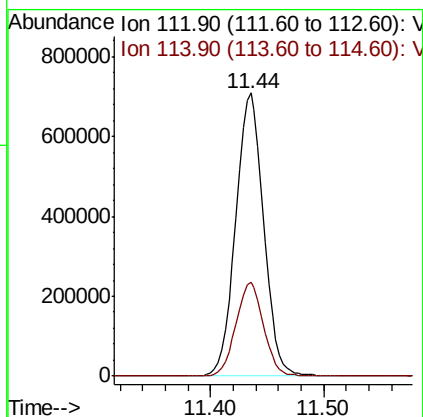
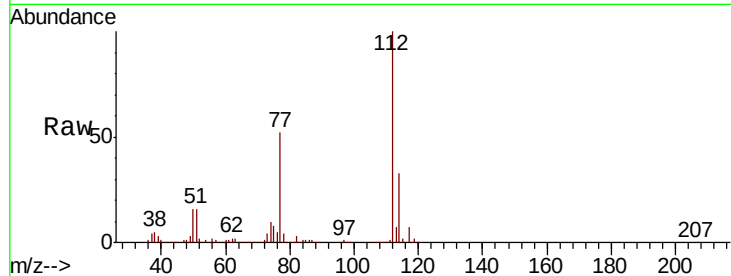




#65
Chlorobenzene
Concen: 50.652 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

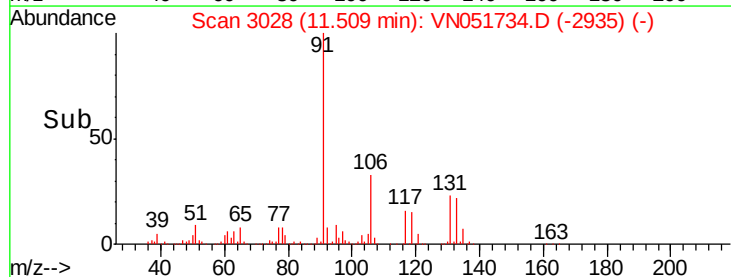
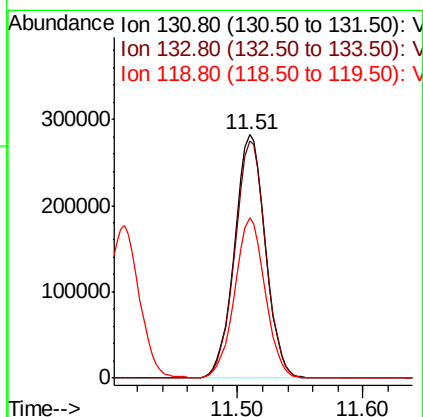
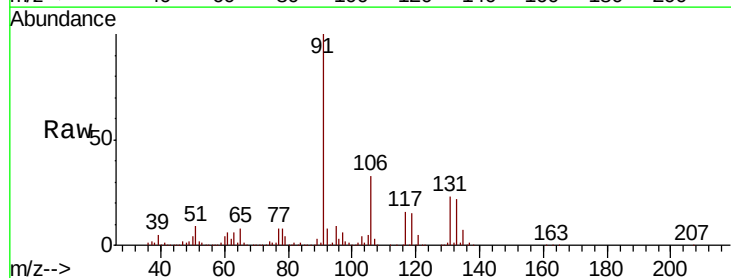
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

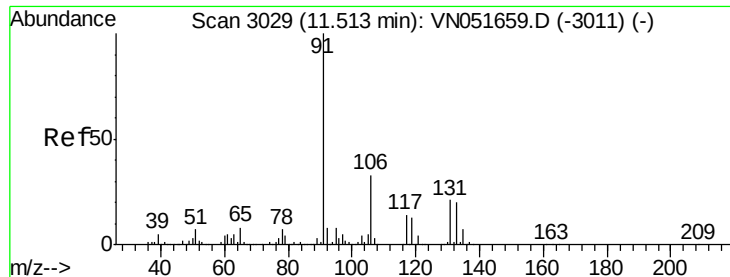
Tot Ion:112 Resp: 1218245
Ion Ratio Lower Upper
112 100
114 33.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.053 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

Tgt Ion:131 Resp: 482024
Ion Ratio Lower Upper
131 100
133 97.2 47.6 142.8
119 65.0 32.0 96.0

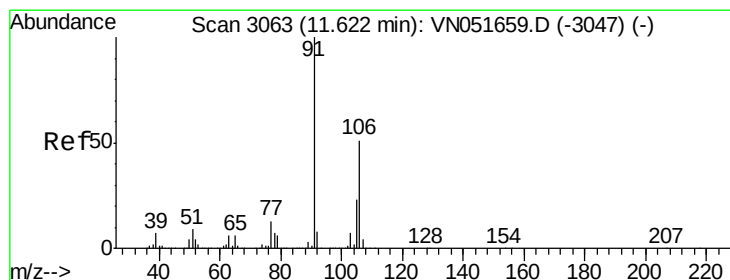
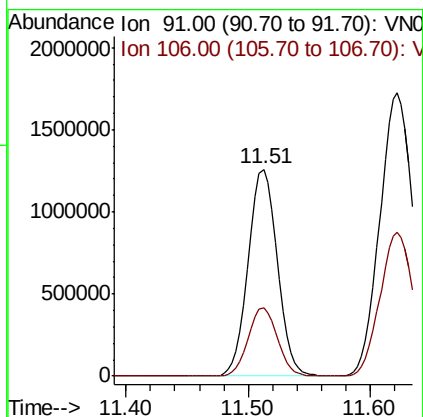
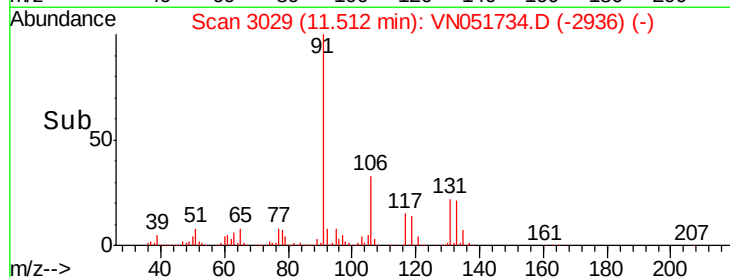
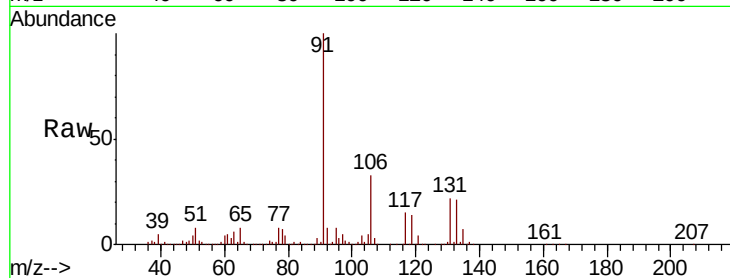




#67
Ethyl Benzene
Concen: 49.833 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

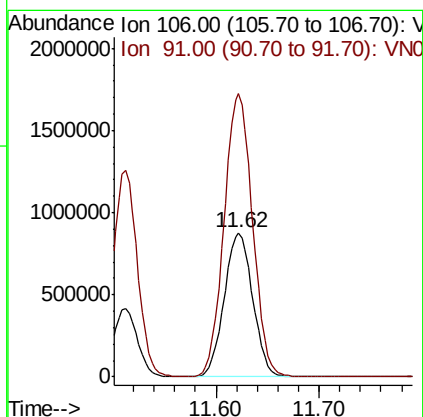
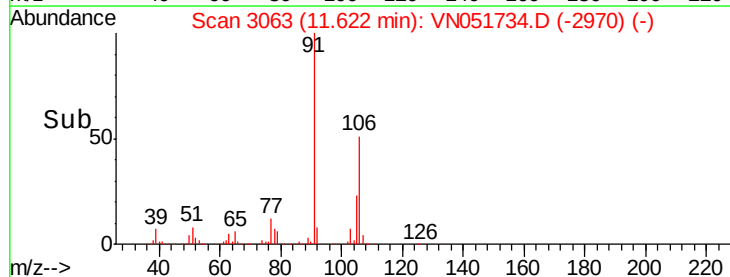
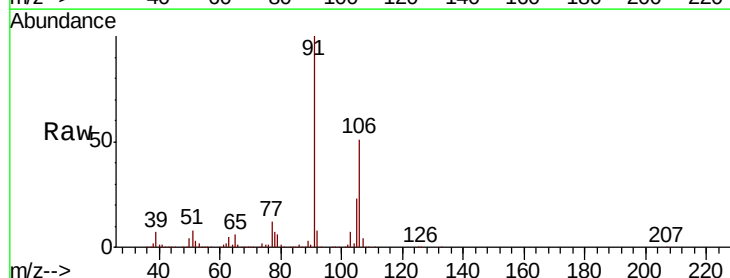
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

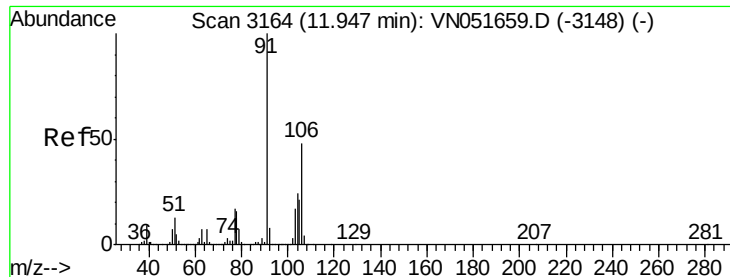
Tot Ion: 91 Resp: 2071613
Ion Ratio Lower Upper
91 100
106 32.8 26.0 39.0



#68
m/p-Xylenes
Concen: 101.315 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

Tgt Ion: 106 Resp: 1685199
Ion Ratio Lower Upper
106 100
91 196.1 158.4 237.6

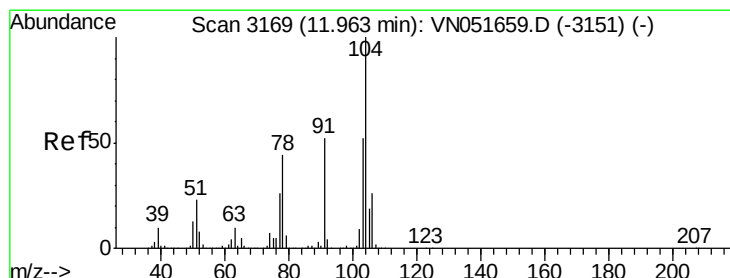
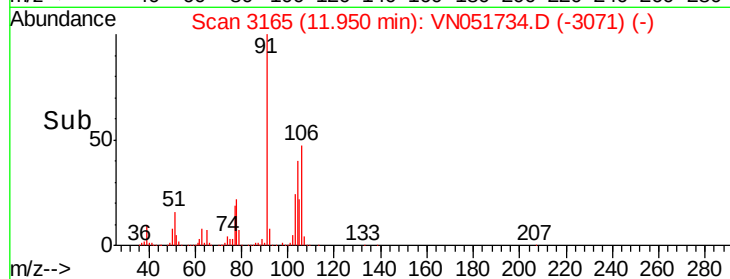
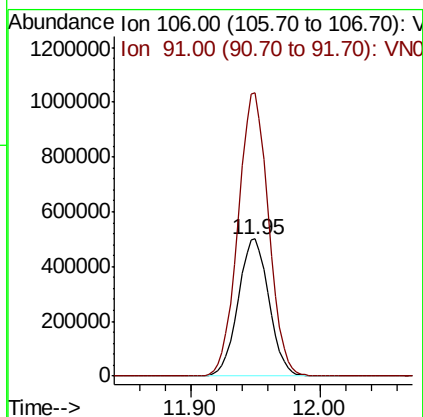
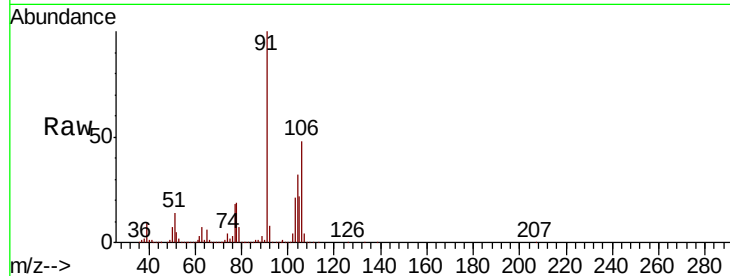




#69
o-Xylene
Concen: 50.928 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

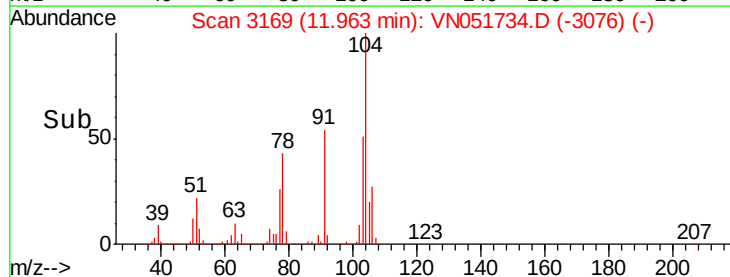
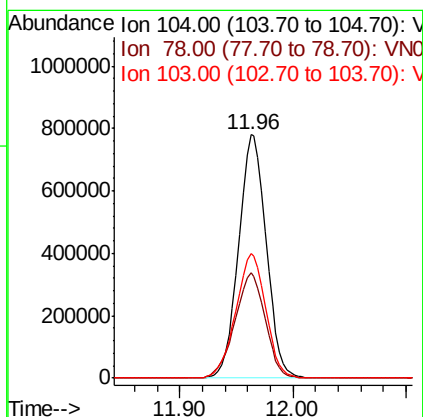
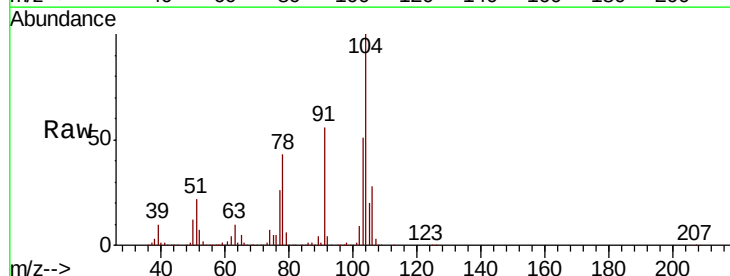
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

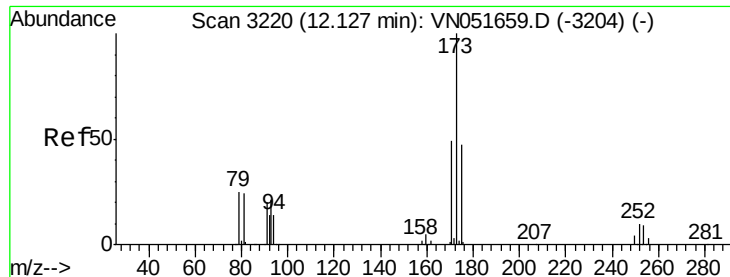
Tot Ion:106 Resp: 830753
Ion Ratio Lower Upper
106 100
91 204.6 104.4 313.2



#70
Styrene
Concen: 51.096 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

Tgt Ion:104 Resp: 1328124
Ion Ratio Lower Upper
104 100
78 47.3 39.3 58.9
103 55.5 45.0 67.6

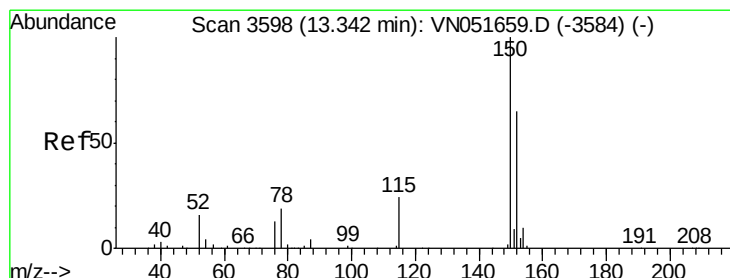
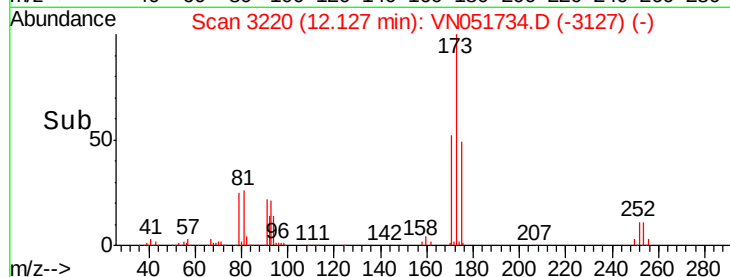
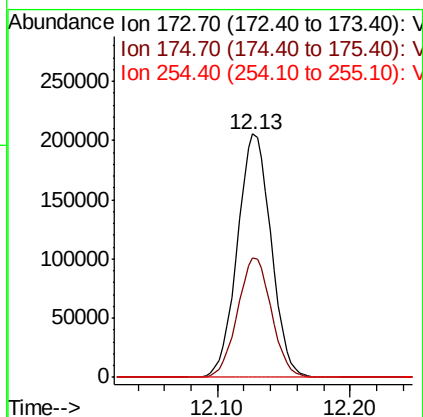
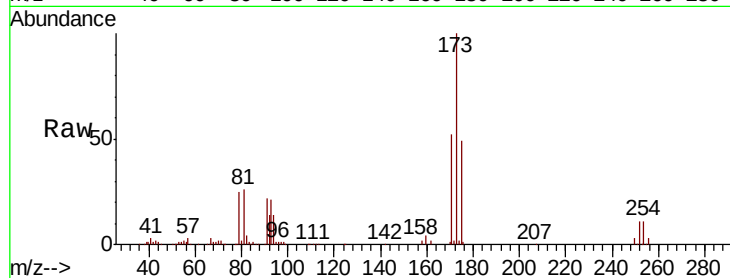




#71
 Bromoform
 Concen: 50.576 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. -0.00 min
 Lab File: VN051734.D
 Acq: 8 Oct 2018 14:34

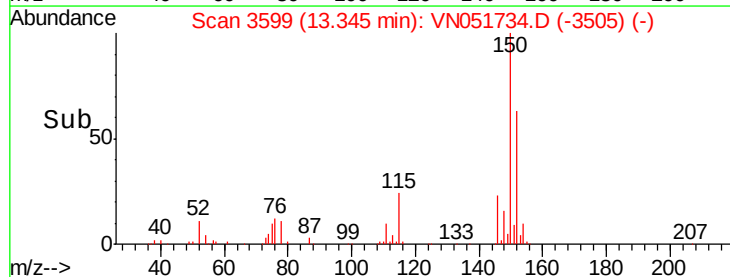
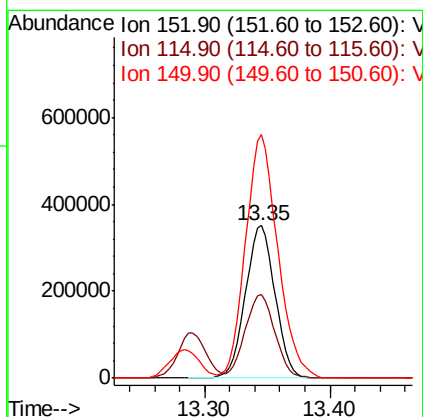
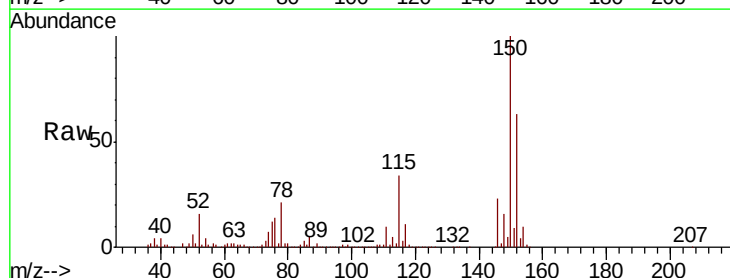
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H-092718(7-10)MSD

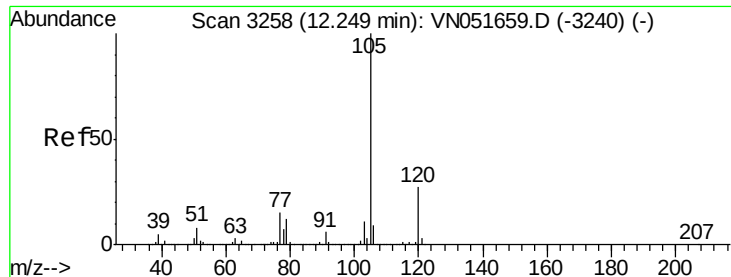
Tot Ion:173 Resp: 362273
 Ion Ratio Lower Upper
 173 100
 175 49.4 24.0 72.0
 254 0.1 0.1 0.1#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN051734.D
 Acq: 8 Oct 2018 14:34

Tgt Ion:152 Resp: 574234
 Ion Ratio Lower Upper
 152 100
 115 55.3 28.6 85.8
 150 174.1 0.0 352.4





#73

Isopropylbenzene

Concen: 45.608 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

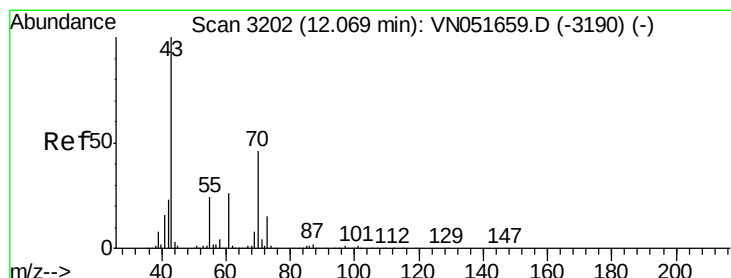
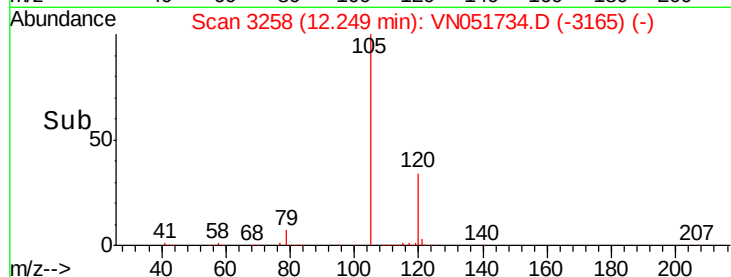
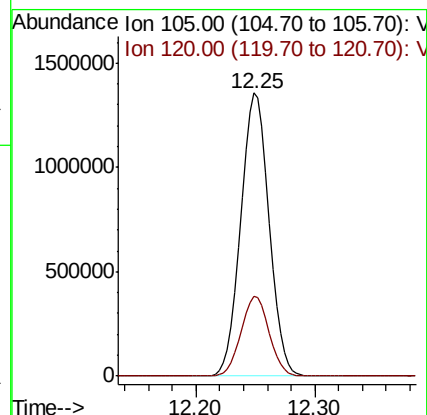
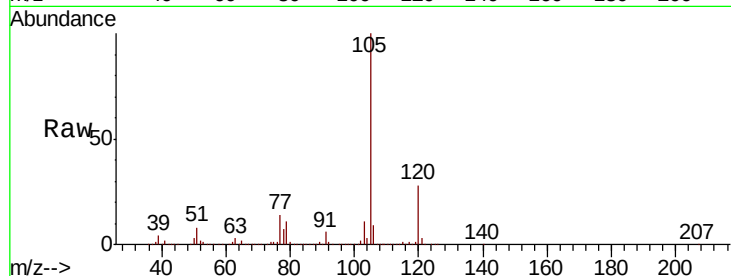
EP1-MW-H-092718(7-10)MSD

Tot Ion:105 Resp: 2232496

Ion Ratio Lower Upper

105 100

120 27.9 13.9 41.6



#74

N-ethyl acetate

Concen: 49.826 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Tgt Ion: 43 Resp: 504203

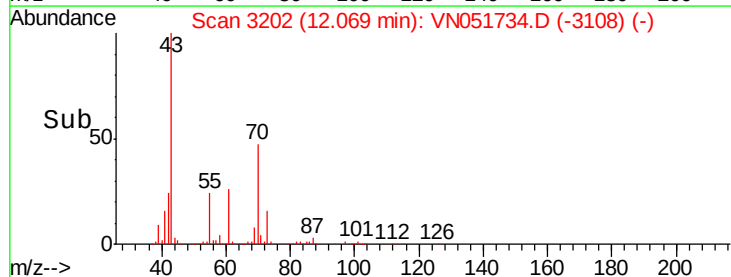
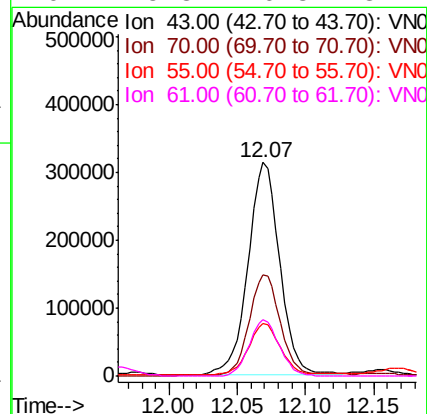
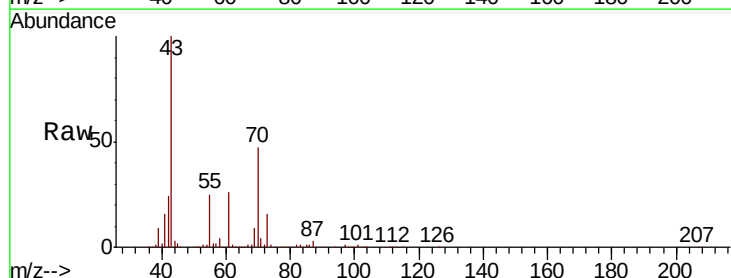
Ion Ratio Lower Upper

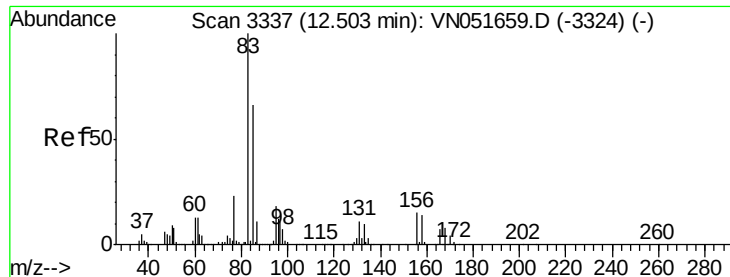
43 100

70 46.2 37.1 55.7

55 24.3 19.1 28.7

61 25.3 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.766 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H-092718(7-10)MSD

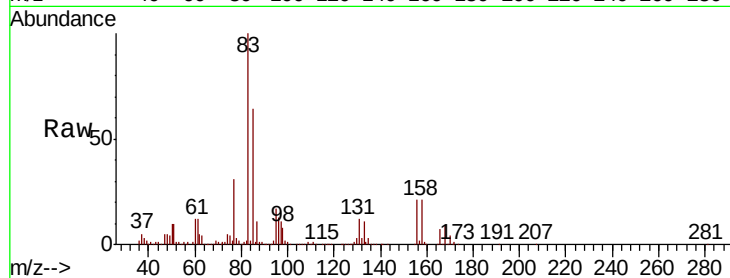
Tot Ion: 83 Resp: 490001

Ion Ratio Lower Upper

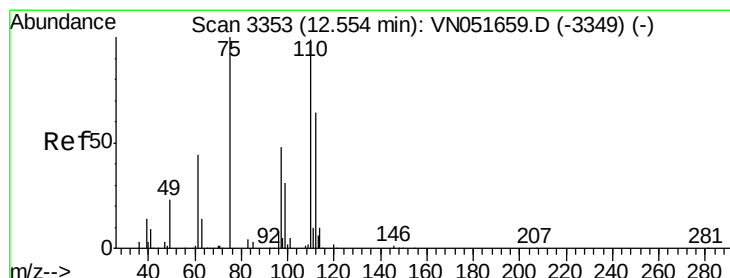
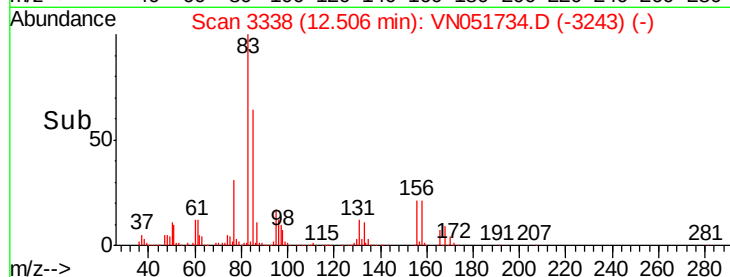
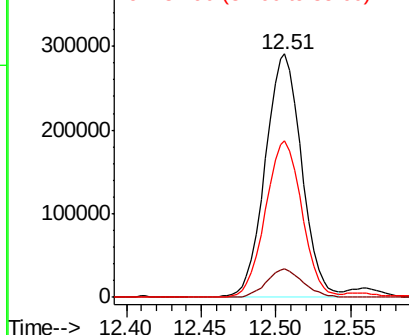
83 100

131 11.9 5.7 17.1

85 64.7 33.0 98.9



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



#76

1,2,3-Trichloropropane

Concen: 87.953 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051734.D

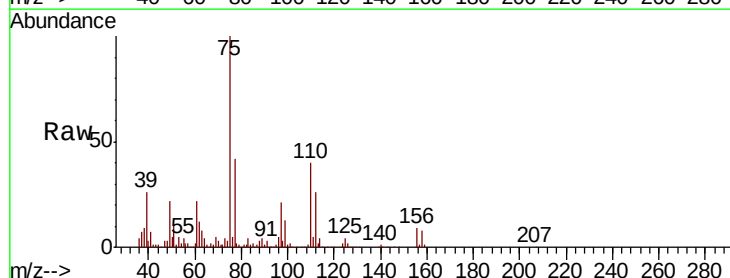
Acq: 8 Oct 2018 14:34

Tgt Ion: 75 Resp: 605322

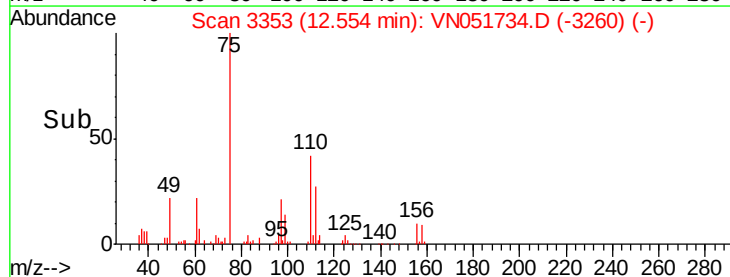
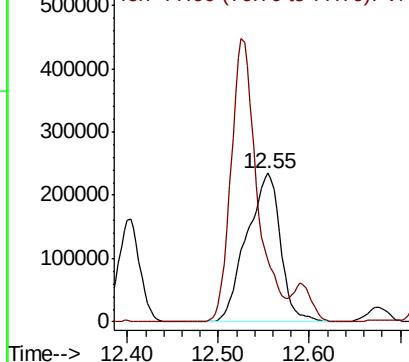
Ion Ratio Lower Upper

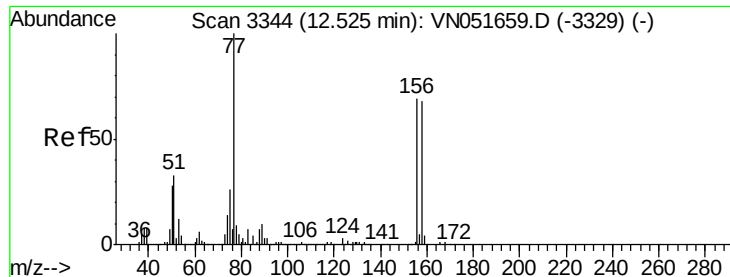
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 47.213 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H-092718(7-10)MSD

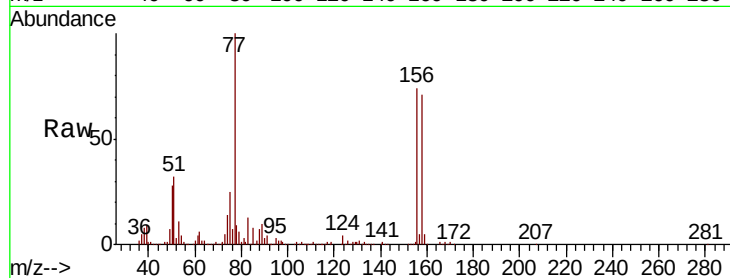
Tot Ion:156 Resp: 565079

Ion Ratio Lower Upper

156 100

77 157.3 83.2 249.4

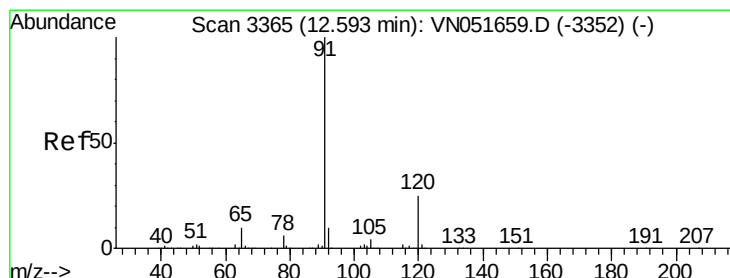
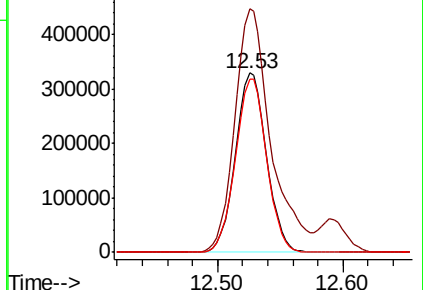
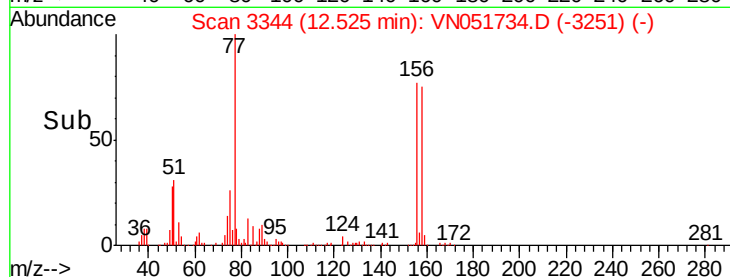
158 97.2 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.406 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN051734.D

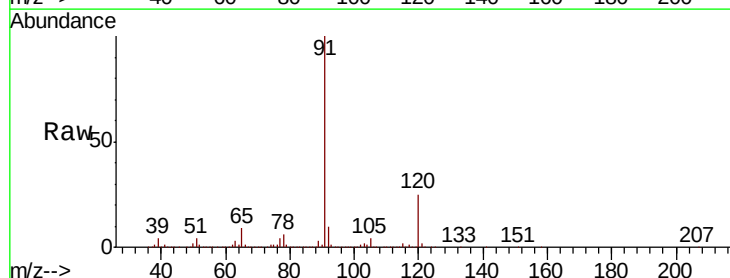
Acq: 8 Oct 2018 14:34

Tgt Ion: 91 Resp: 2477611

Ion Ratio Lower Upper

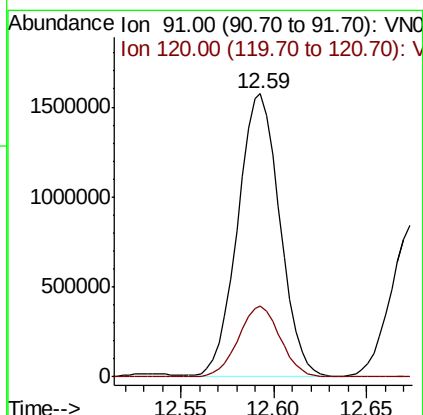
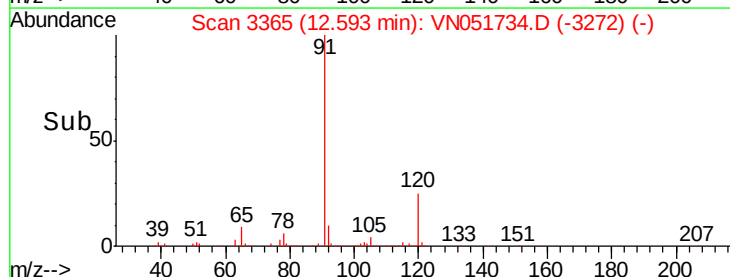
91 100

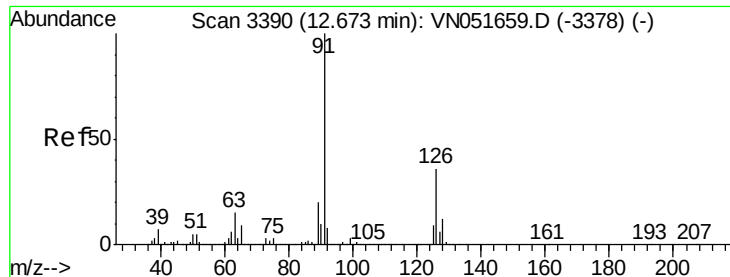
120 24.8 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.617 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

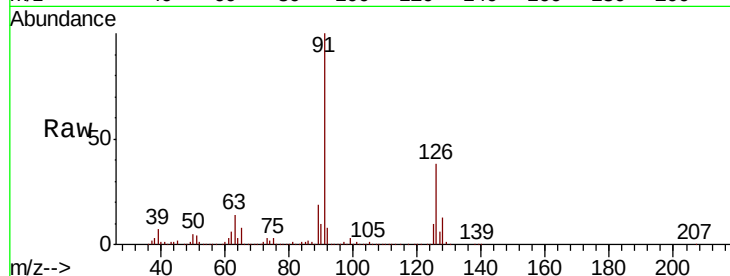
EP1-MW-H-092718(7-10)MSD

Tot Ion: 91 Resp: 1435386

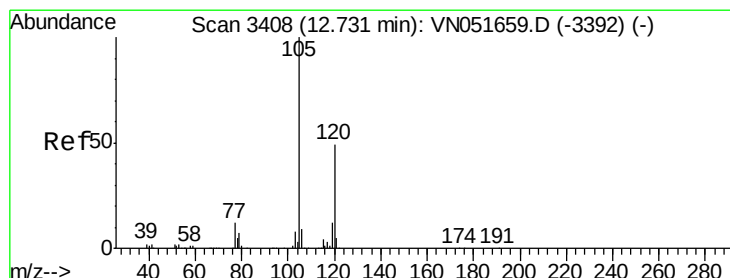
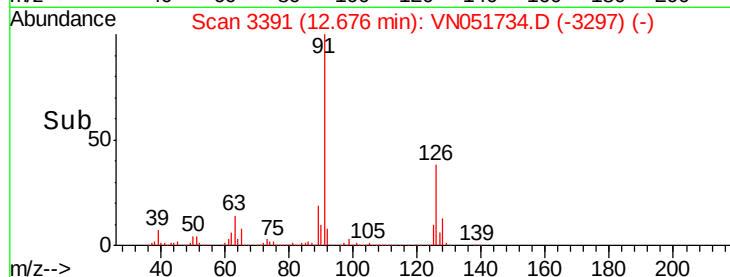
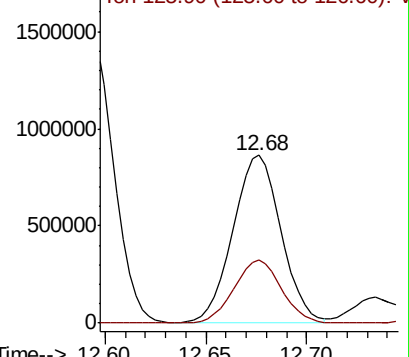
Ion Ratio Lower Upper

91 100

126 37.3 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VN051659.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.707 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051734.D

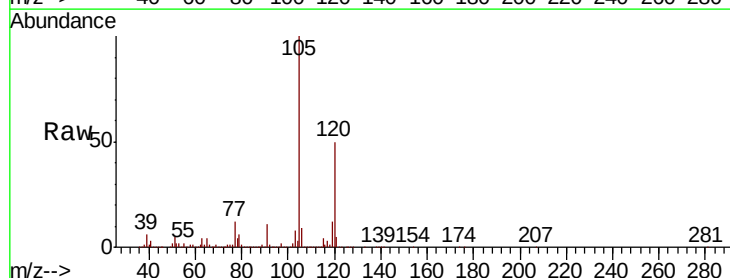
Acq: 8 Oct 2018 14:34

Tgt Ion:105 Resp: 1926762

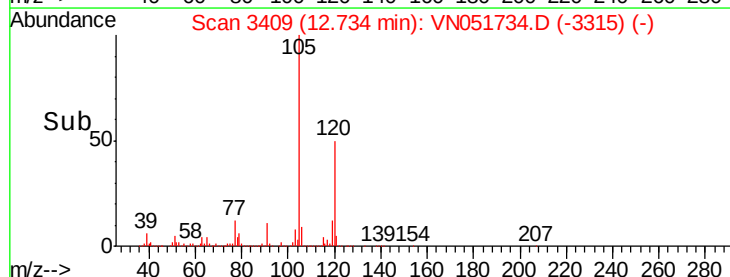
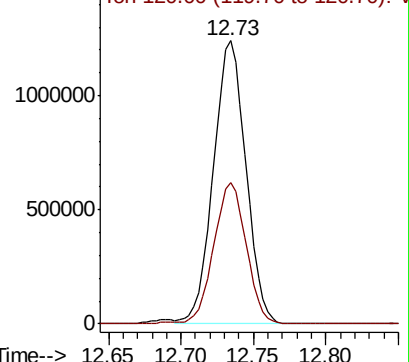
Ion Ratio Lower Upper

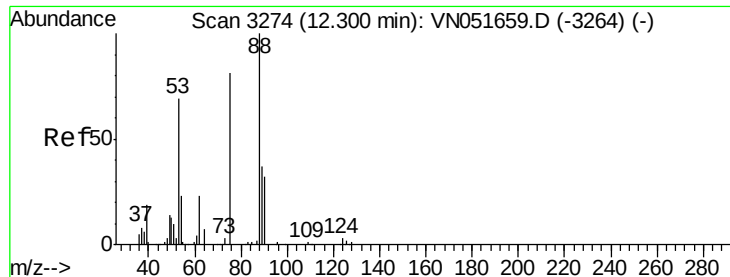
105 100

120 50.1 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN051659.D (-3392) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.903 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H-092718(7-10)MSD

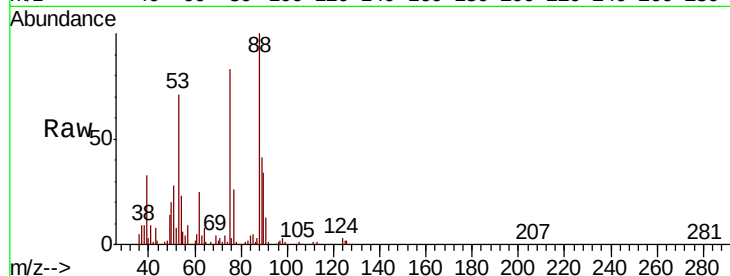
Tot Ion: 75 Resp: 140274

Ion Ratio Lower Upper

75 100

53 86.1 68.6 102.8

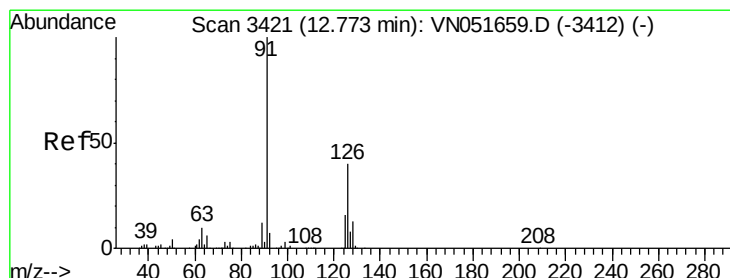
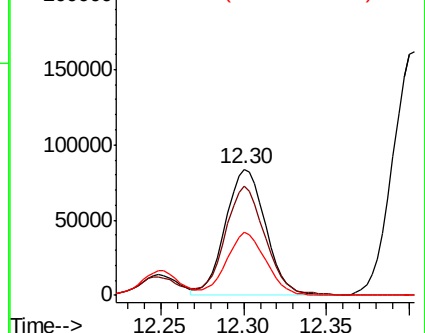
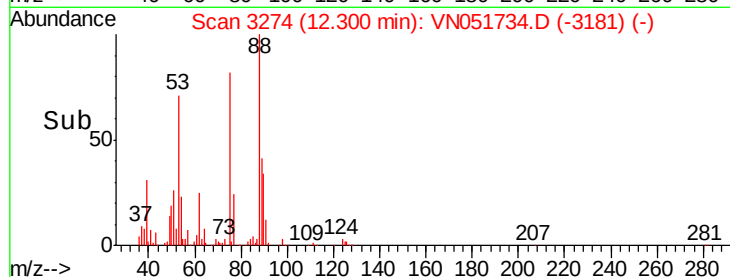
89 49.7 39.4 59.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 46.159 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051734.D

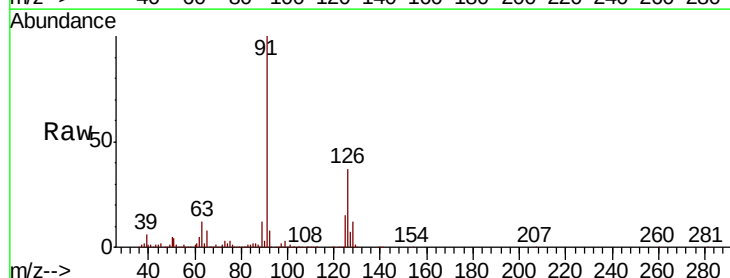
Acq: 8 Oct 2018 14:34

Tgt Ion: 91 Resp: 1459095

Ion Ratio Lower Upper

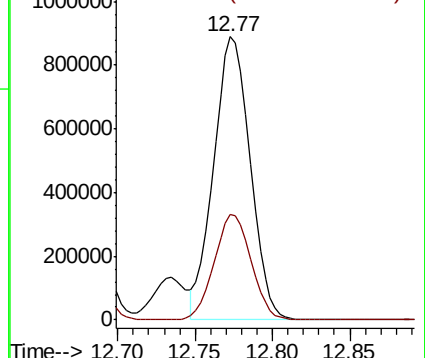
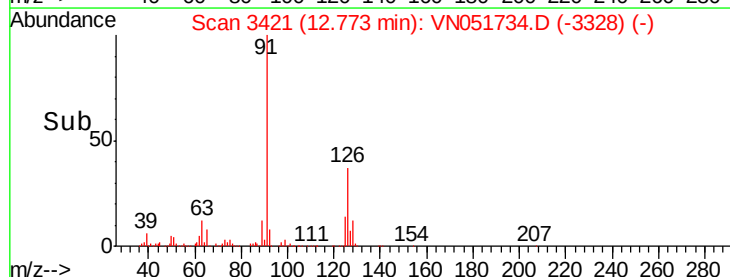
91 100

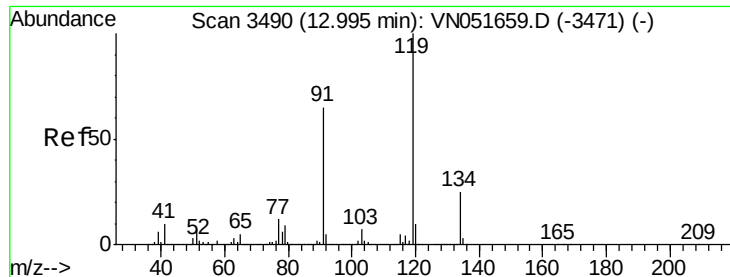
126 37.6 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 47.535 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H-092718(7-10)MSD

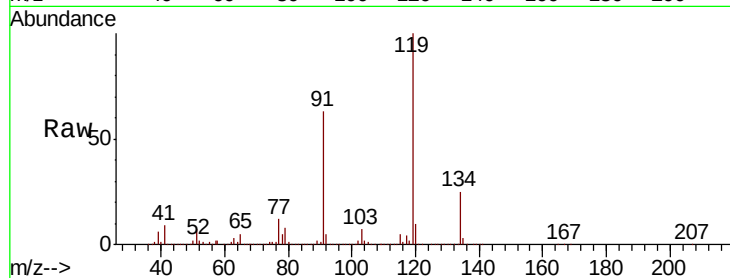
Tot Ion:119 Resp: 1757053

Ion Ratio Lower Upper

119 100

91 61.6 32.1 96.5

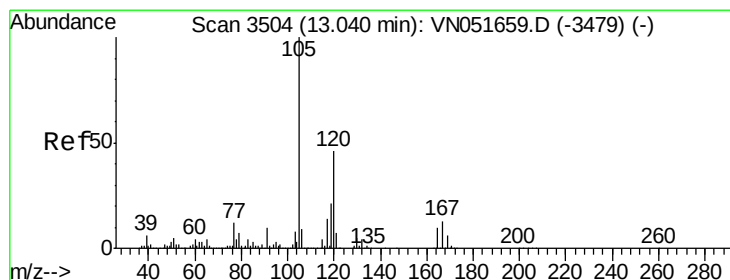
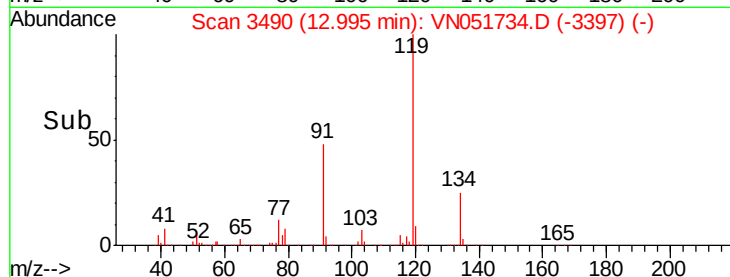
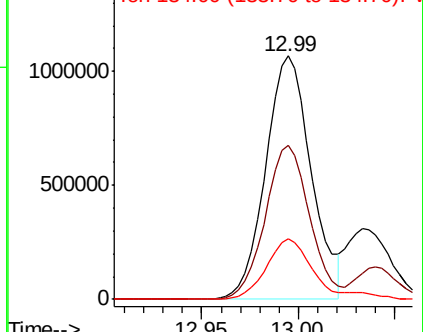
134 26.2 13.3 39.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.620 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051734.D

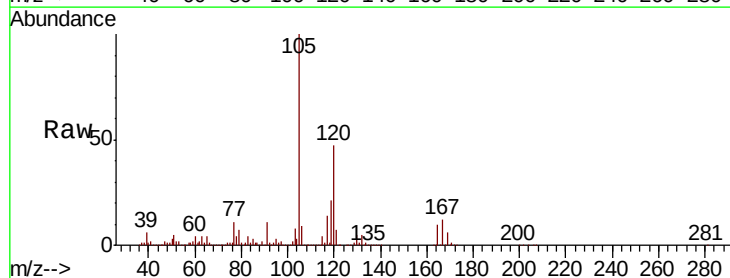
Acq: 8 Oct 2018 14:34

Tgt Ion:105 Resp: 2132943

Ion Ratio Lower Upper

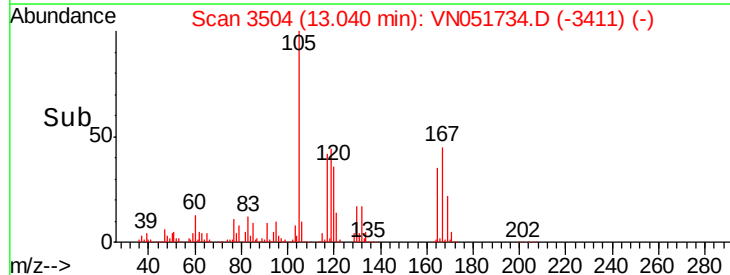
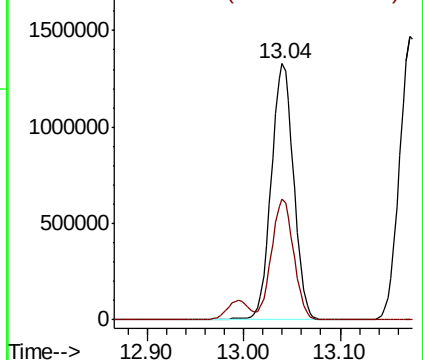
105 100

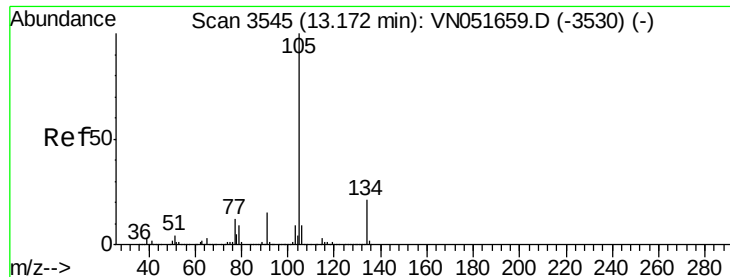
120 46.9 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.698 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

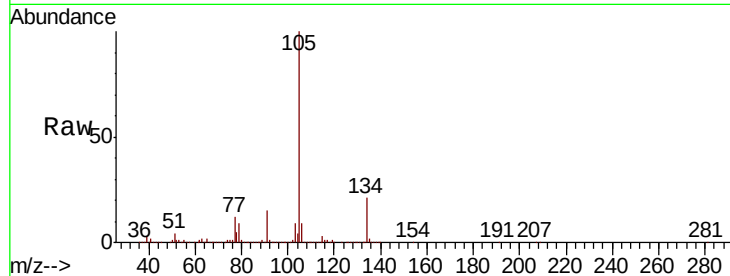
EP1-MW-H-092718(7-10)MSD

Tot Ion:105 Resp: 2332170

Ion Ratio Lower Upper

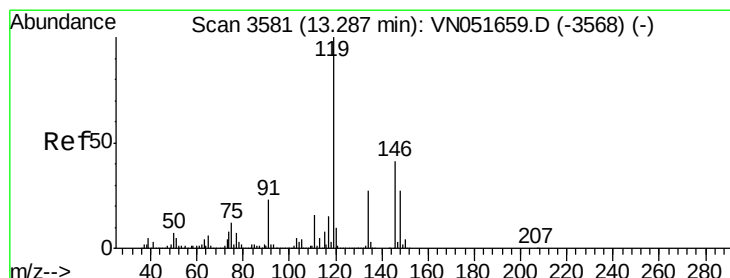
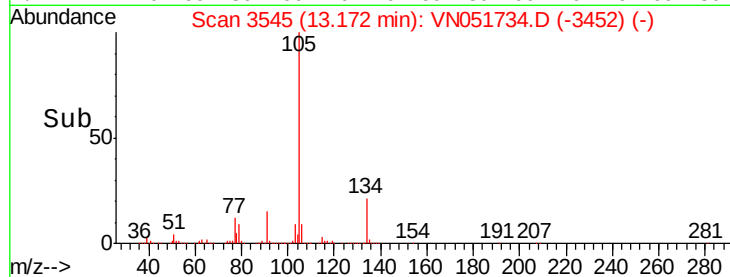
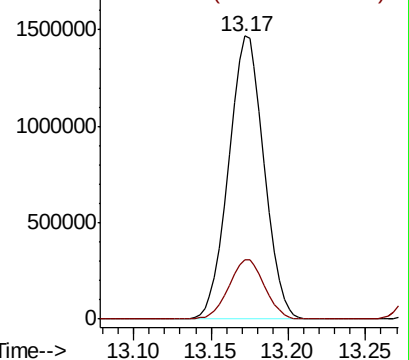
105 100

134 21.5 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.037 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

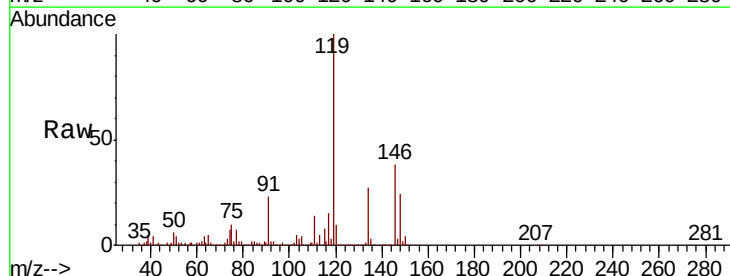
Tgt Ion:119 Resp: 2125559

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

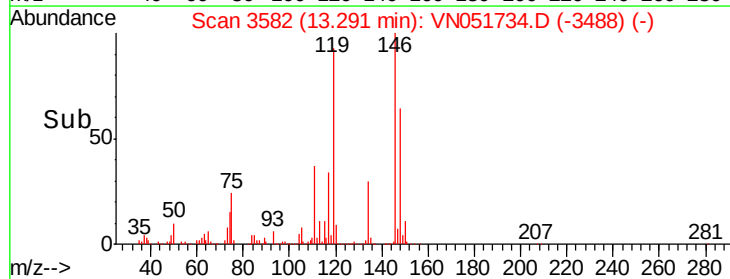
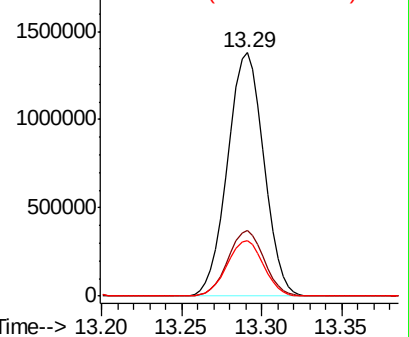
91 22.8 11.7 35.1

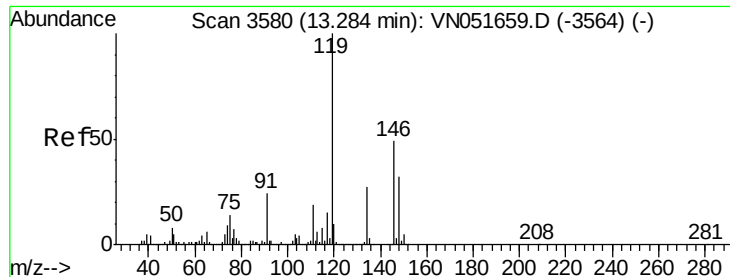


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

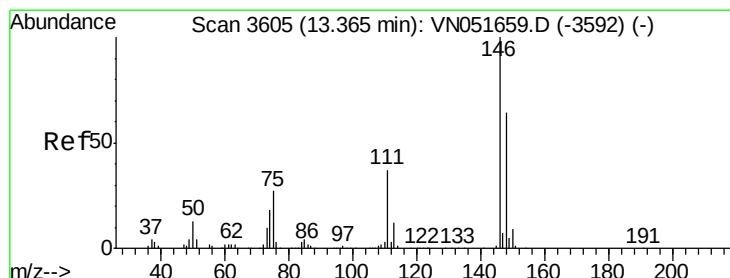
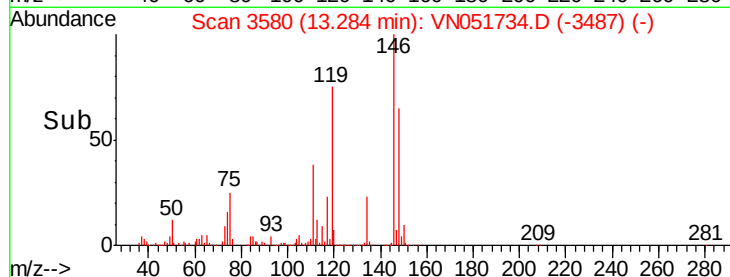
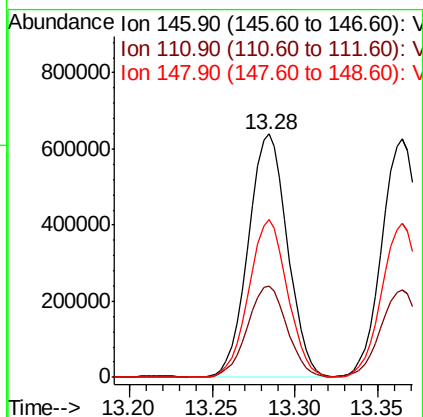
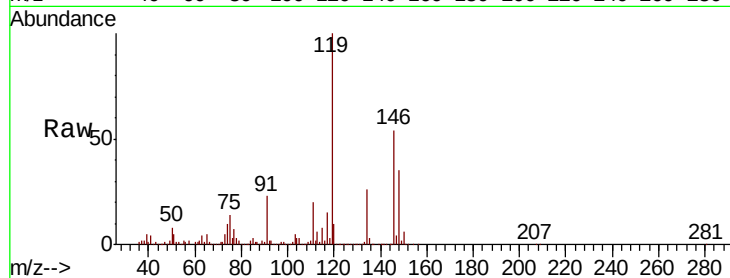




#87
 1,3-Dichlorobenzene
 Concen: 50.431 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN051734.D
 Acq: 8 Oct 2018 14:34

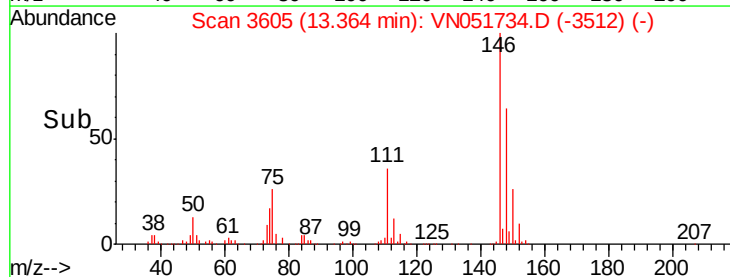
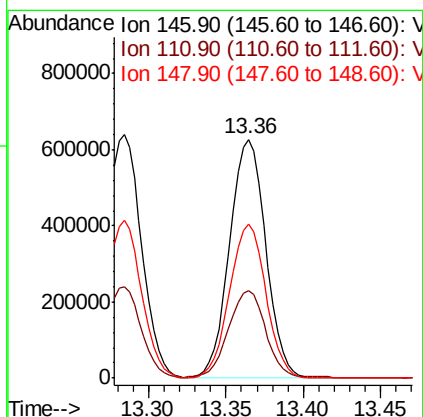
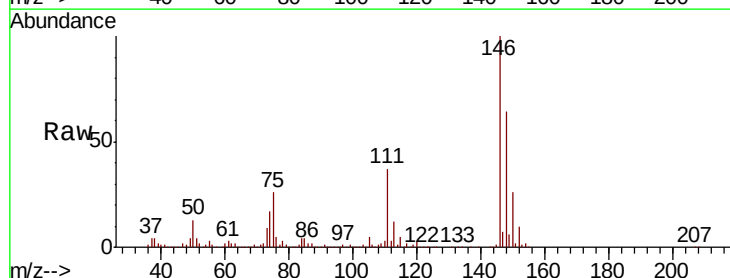
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H-092718(7-10)MSD

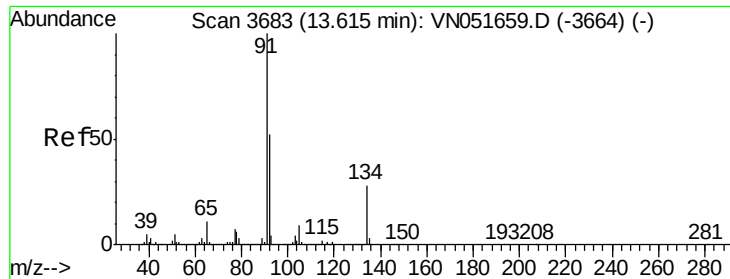
Tot Ion:146 Resp: 1051782
 Ion Ratio Lower Upper
 146 100
 111 37.3 19.3 57.9
 148 63.9 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 49.579 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN051734.D
 Acq: 8 Oct 2018 14:34

Tgt Ion:146 Resp: 1017776
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.6 55.8
 148 64.7 32.3 96.8

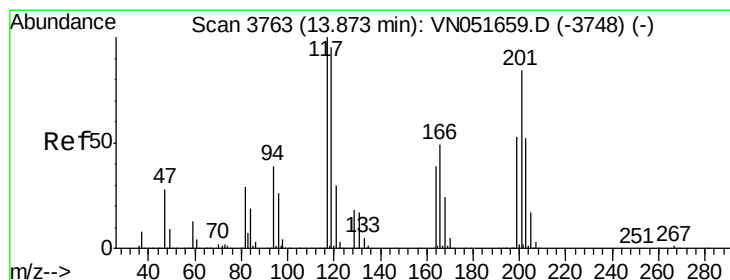
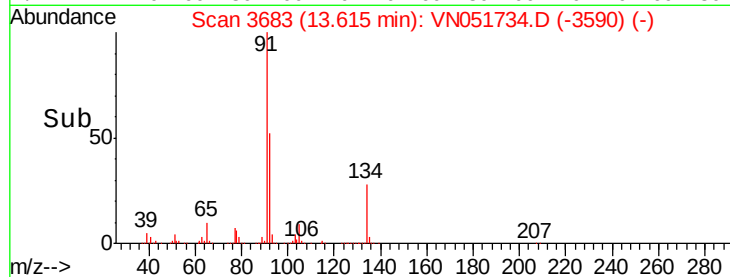
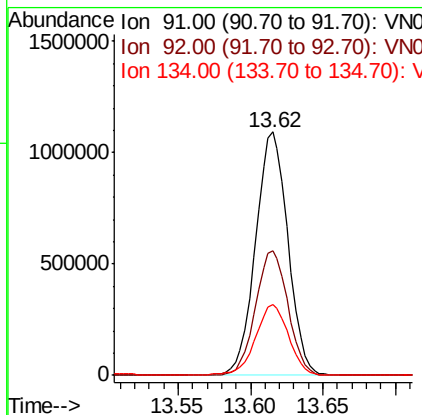
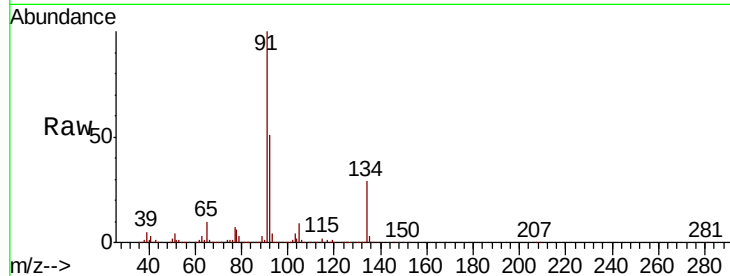




#89
n-Butylbenzene
Concen: 49.396 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

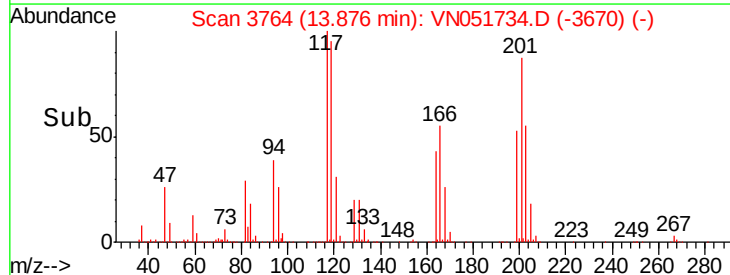
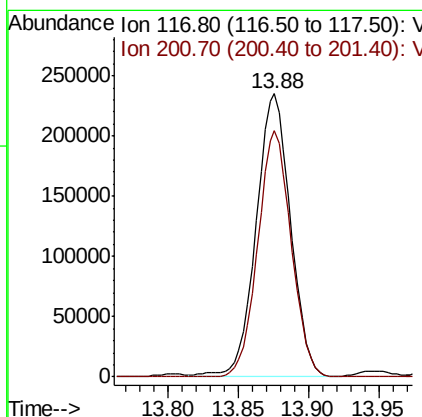
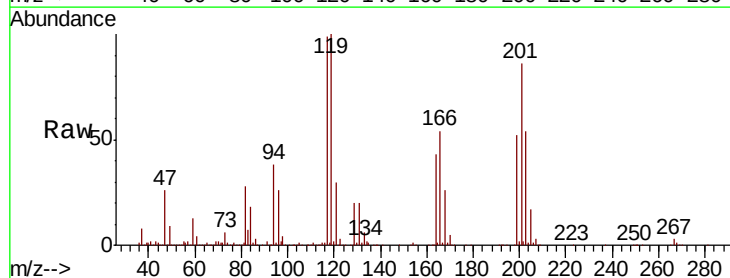
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

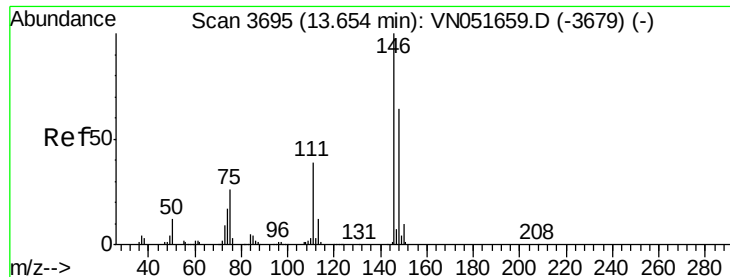
Tot Ion: 91 Resp: 1692892
Ion Ratio Lower Upper
91 100
92 51.7 26.0 78.0
134 29.8 14.2 42.6



#90
Hexachloroethane
Concen: 46.130 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN051734.D
Acq: 8 Oct 2018 14:34

Tgt Ion: 117 Resp: 398944
Ion Ratio Lower Upper
117 100
201 84.6 42.4 127.3





#91

1,2-Dichlorobenzene

Concen: 50.026 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Instrument :

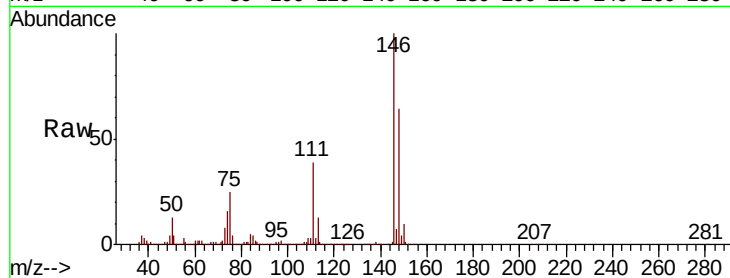
MSVOA_N

ClientSampleId :

EP1-MW-H-092718(7-10)MSD

Tot Ion:146 Resp: 1037190

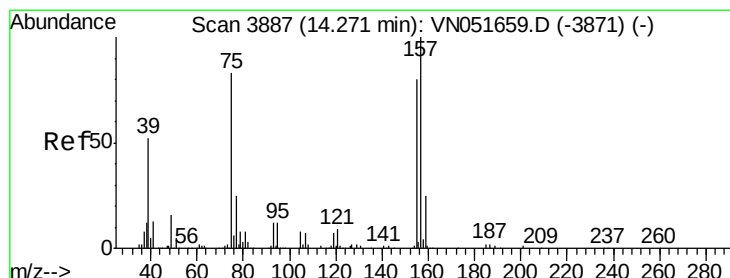
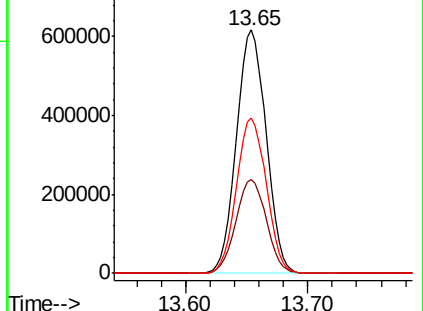
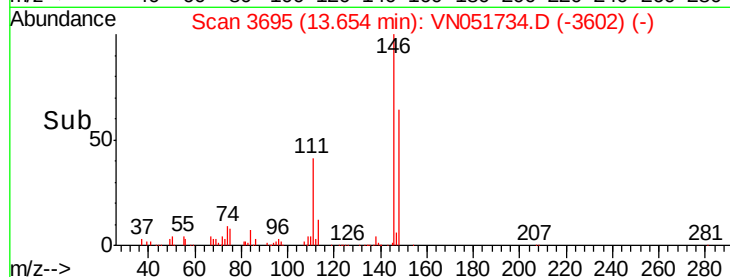
Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.7	59.0
148	64.0	32.1	96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.202 ug/l

RT: 14.27 min Scan# 3887

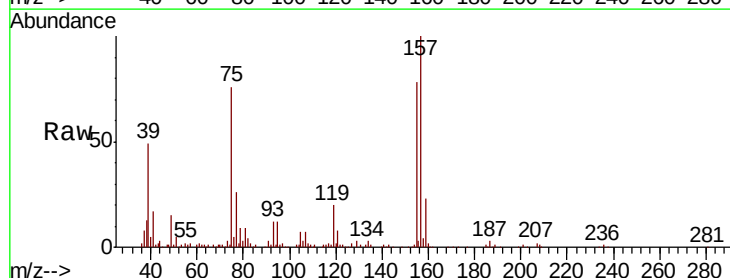
Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Tgt Ion: 75 Resp: 82885

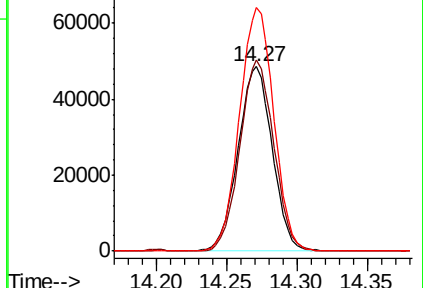
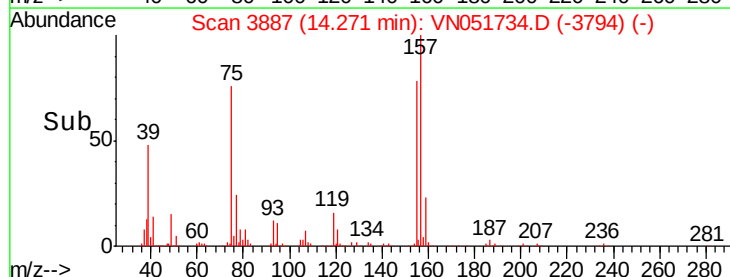
Ion	Ratio	Lower	Upper
75	100		
155	102.2	47.6	142.9
157	131.5	61.7	185.1

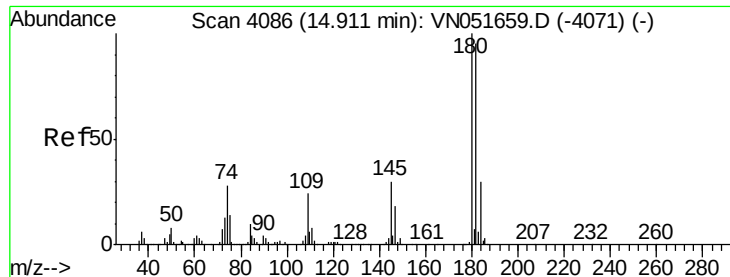


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

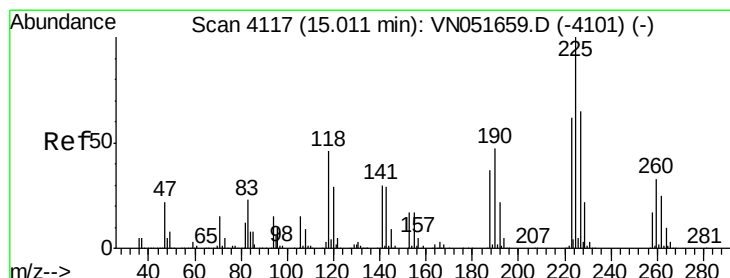
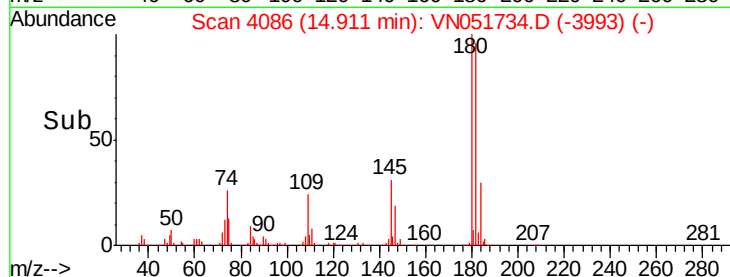
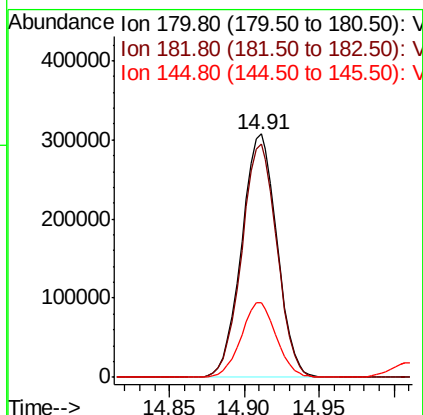
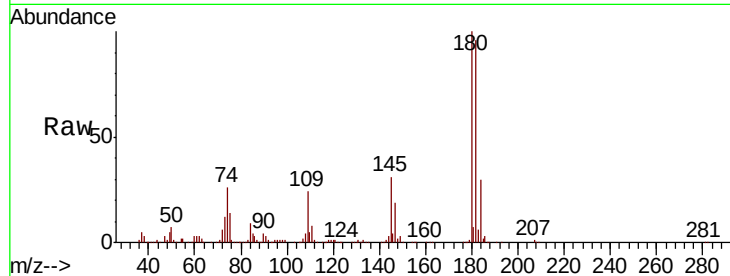




#93
 1,2,4-Trichlorobenzene
 Concen: 54.677 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN051734.D
 Acq: 8 Oct 2018 14:34

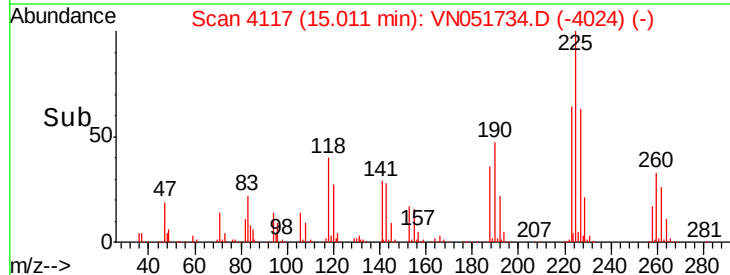
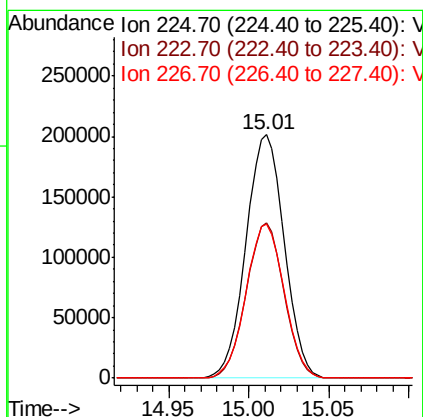
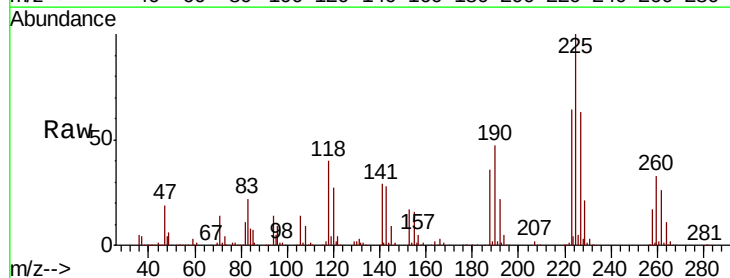
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H-092718(7-10)MSD

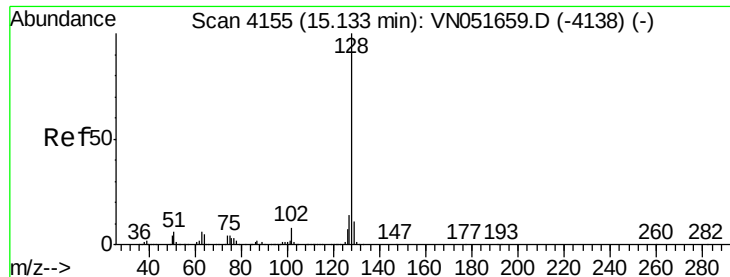
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.7	143.1
145	30.8	15.3	45.9



#94
 Hexachlorobutadiene
 Concen: 52.590 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN051734.D
 Acq: 8 Oct 2018 14:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.9	95.5
227	63.0	31.7	95.1





#95

Naphthalene

Concen: 53.607 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Instrument :

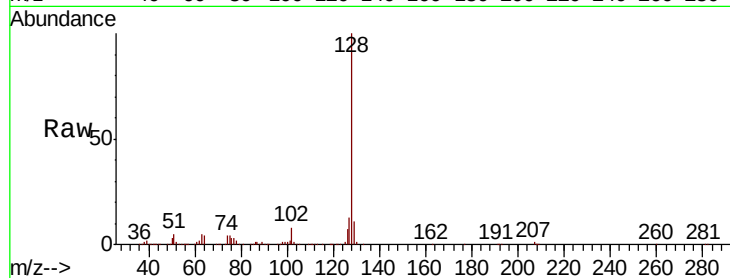
MSVOA_N

ClientSampleId :

EP1-MW-H-092718(7-10)MSD

Tot Ion:128 Resp: 1067987

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	11.0	9.0	13.6

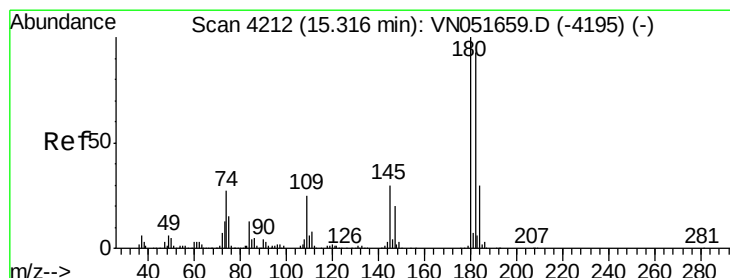
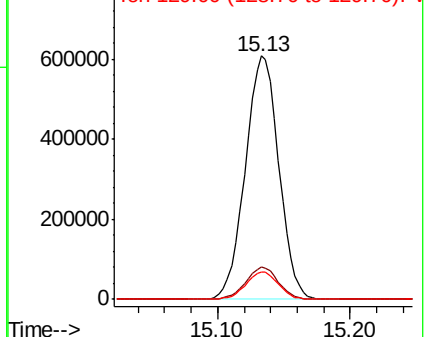
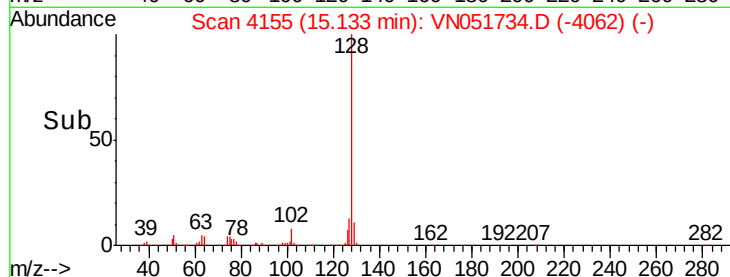


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.354 ug/l

RT: 15.32 min Scan# 4212

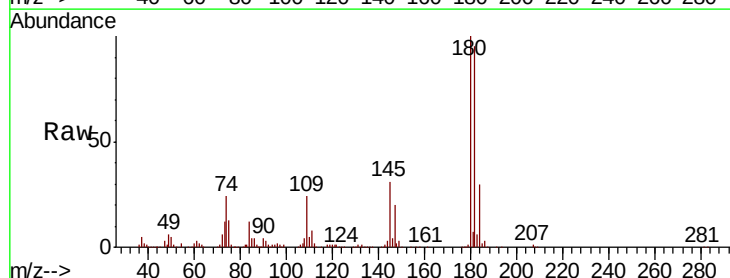
Delta R.T. -0.00 min

Lab File: VN051734.D

Acq: 8 Oct 2018 14:34

Tgt Ion:180 Resp: 484778

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.3	141.8
145	30.9	15.6	46.8



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

