

Data File : VX017269.D
Acq On : 08 Jul 2020 20:23
Operator : JC/SP
Sample : L3195-10MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MSD

Quant Time: Jul 09 02:37:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	275100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	416481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	397931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	224258	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	160930	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
35) Dibromofluoromethane	5.46	113	131345	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	8.70	98	470608	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.12	95	193932	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	122307	45.955	ug/l	99
3) Chloromethane	1.31	50	128677	39.943	ug/l	99
4) Vinyl Chloride	1.39	62	135522	45.341	ug/l	97
5) Bromomethane	1.62	94	73835	46.756	ug/l	98
6) Chloroethane	1.70	64	87188	49.390	ug/l	99
7) Trichlorofluoromethane	1.91	101	236817	53.572	ug/l	99
8) Diethyl Ether	2.17	74	81524	54.776	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	133141	50.252	ug/l	97
10) Methyl Iodide	2.49	142	150941	44.151	ug/l	99
11) Tert butyl alcohol	3.02	59	168254	260.059	ug/l	99
12) 1,1-Dichloroethene	2.36	96	130130	47.812	ug/l	98
13) Acrolein	2.27	56	121387	313.860	ug/l	97
14) Allyl chloride	2.71	41	233220	46.366	ug/l	98
15) Acrylonitrile	3.12	53	404056	259.789	ug/l	99
16) Acetone	2.42	43	341697	269.328	ug/l	98
17) Carbon Disulfide	2.55	76	338957	44.631	ug/l	99
18) Methyl Acetate	2.75	43	175632	53.030	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	485044	53.099	ug/l	99
20) Methylene Chloride	2.83	84	150206	51.648	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	148666	49.220	ug/l	100
22) Diisopropyl ether	3.82	45	468720	50.348	ug/l	97
23) Vinyl Acetate	3.79	43	1981405	247.680	ug/l	100
24) 1,1-Dichloroethane	3.67	63	262229	49.504	ug/l	99
25) 2-Butanone	4.64	43	551687	260.970	ug/l	100
26) 2,2-Dichloropropane	4.56	77	214204	45.543	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	166544	48.664	ug/l	100
28) Bromochloromethane	4.98	49	116187	45.074	ug/l	95
29) Tetrahydrofuran	5.09	42	360101	257.812	ug/l	98
30) Chloroform	5.18	83	278608	51.308	ug/l	98
31) Cyclohexane	5.55	56	213341	46.594	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	258622	51.715	ug/l	99
36) 1,1-Dichloropropene	5.77	75	198473	50.422	ug/l	98
37) Ethyl Acetate	4.79	43	203263	50.895	ug/l	98
38) Carbon Tetrachloride	5.76	117	233326	53.818	ug/l	99

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	214897	49.068	ug/l	99
40) Benzene	6.12	78	582192	50.339	ug/l	100
41) Methacrylonitrile	5.00	41	118621	52.772	ug/l	98
42) 1,2-Dichloroethane	6.17	62	226368	54.187	ug/l	99
43) Isopropyl Acetate	6.42	43	341655	51.481	ug/l	99
44) Trichloroethene	7.19	130	175053	54.881	ug/l	99
45) 1,2-Dichloropropane	7.49	63	153168	51.563	ug/l	98
46) Dibromomethane	7.64	93	107249	52.884	ug/l	96
47) Bromodichloromethane	7.87	83	229621	54.942	ug/l	96
48) Methyl methacrylate	7.75	41	172934	54.848	ug/l	96
49) 1,4-Dioxane	7.71	88	69358	971.003	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1106327	279.659	ug/l	100
52) Toluene	8.77	92	376559	52.149	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	248387	53.866	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	254867	51.559	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	159730	54.142	ug/l	98
56) Ethyl methacrylate	9.16	69	241463	57.503	ug/l	98
57) 1,3-Dichloropropane	9.35	76	265280	53.141	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.23	63	954	0.456	ug/l #	45
59) 2-Hexanone	9.48	43	850304	294.305	ug/l	100
60) Dibromochloromethane	9.57	129	196130	57.238	ug/l	99
61) 1,2-Dibromoethane	9.65	107	174301	54.965	ug/l	99
64) Tetrachloroethene	9.32	164	165116	51.413	ug/l	97
65) Chlorobenzene	10.12	112	427943	52.106	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	175729	55.519	ug/l	99
67) Ethyl Benzene	10.24	91	741399	54.054	ug/l	97
68) m/p-Xylenes	10.34	106	569166	108.074	ug/l	97
69) o-Xylene	10.68	106	277127	55.315	ug/l	99
70) Styrene	10.70	104	487264	57.114	ug/l	99
71) Bromoform	10.84	173	155271	61.861	ug/l #	100
73) Isopropylbenzene	11.00	105	753980	51.329	ug/l	100
74) N-amyl acetate	10.88	43	311677	49.727	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	234198	50.686	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	295034	66.903	ug/l	86
77) Bromobenzene	11.24	156	208375	51.615	ug/l	97
78) n-propylbenzene	11.34	91	846067	50.934	ug/l	99
79) 2-Chlorotoluene	11.40	91	527049	52.426	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	642880	52.763	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	84080	49.375	ug/l	96
82) 4-Chlorotoluene	11.49	91	623972	51.920	ug/l	99
83) tert-Butylbenzene	11.76	119	636388	53.206	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	664560	53.763	ug/l	100
85) sec-Butylbenzene	11.93	105	720786	51.267	ug/l	100
86) p-Isopropyltoluene	12.05	119	696446	53.211	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	371921	50.724	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	372165	53.837	ug/l	99
89) n-Butylbenzene	12.37	91	574394	49.150	ug/l	99
90) Hexachloroethane	12.58	117	130123	50.415	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	355260	51.835	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56483	51.243	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070820\
Quantitation Report (Not Reviewed)

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ClientSampleId :
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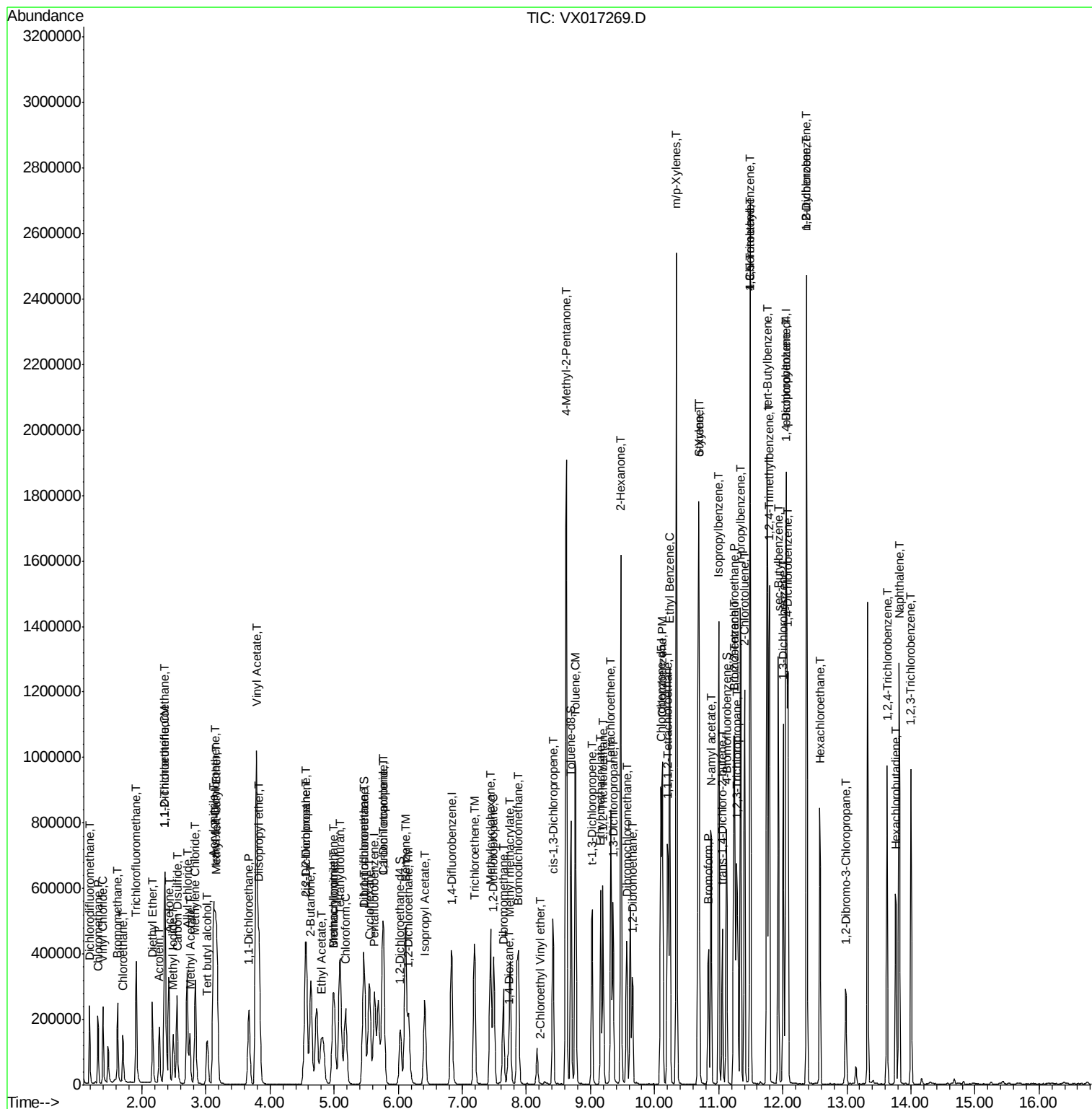
Quant Time: Jul 09 02:37:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
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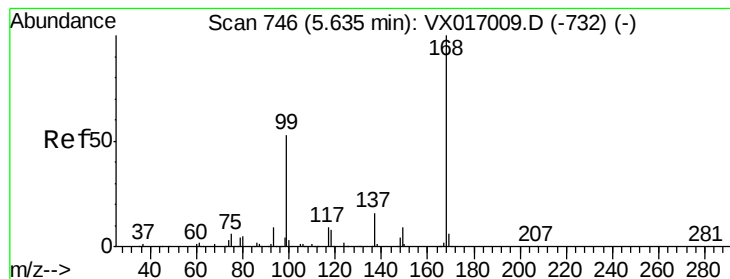
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	229669	49.096	ug/l	98
94) Hexachlorobutadiene	13.77	225	84613	47.698	ug/l	98
95) Naphthalene	13.82	128	760720	53.490	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	232671	51.394	ug/l	99

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

Instrument :
MSVOA_X
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

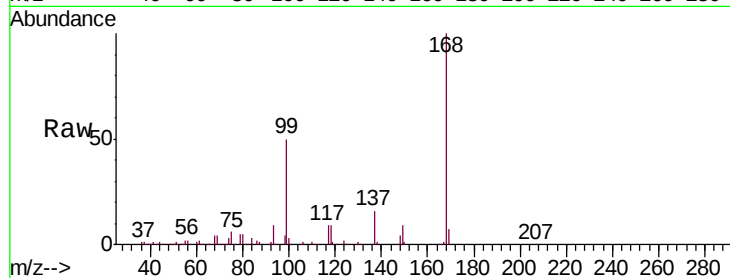
MH-117N-20200630MSD

Tgt Ion:168 Resp: 275100

Ion Ratio Lower Upper

168 100

99 50.0 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

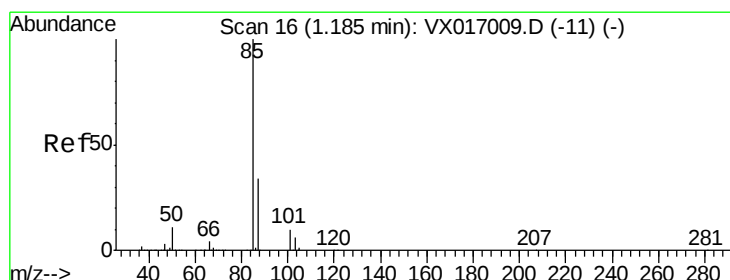
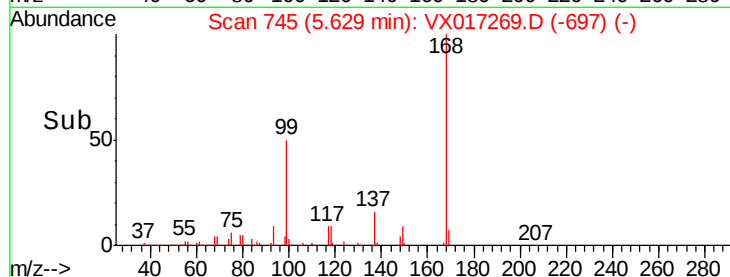
20000

0

5.50 5.60 5.70

5.63

Time-->



#2

Dichlorodifluoromethane

Concen: 45.955 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017269.D

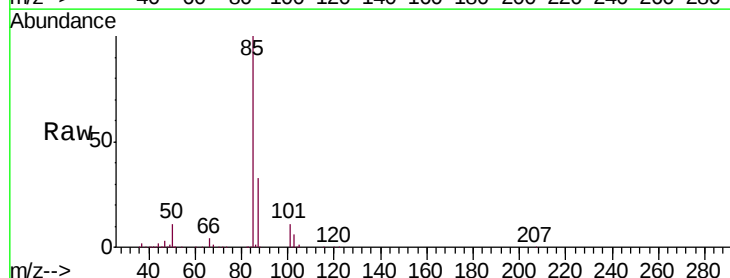
Acq: 08 Jul 2020 20:23

Tgt Ion: 85 Resp: 122307

Ion Ratio Lower Upper

85 100

87 33.1 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

100000

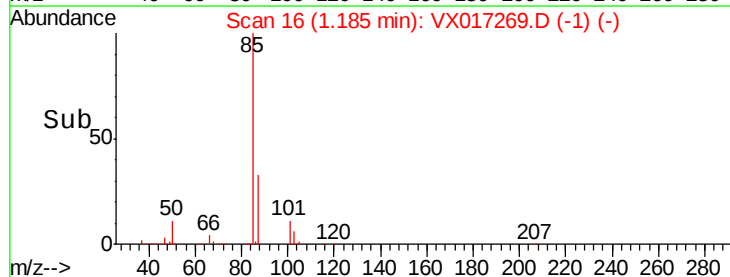
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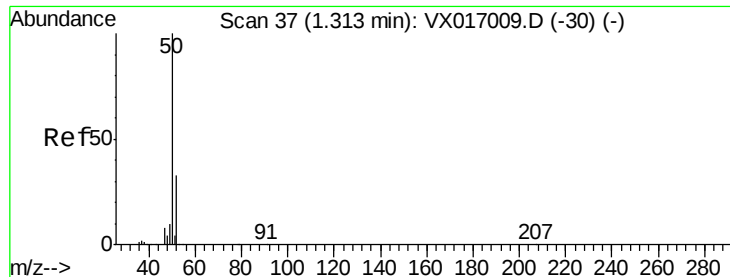
0

1.15 1.20 1.25

1.18

Time-->





#3

Chloromethane

Concen: 39.943 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

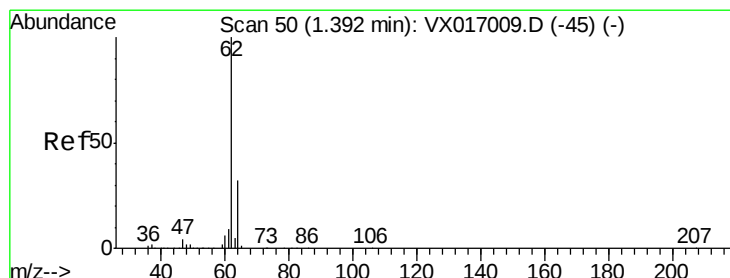
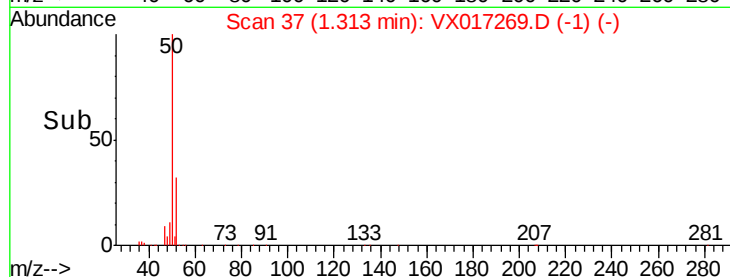
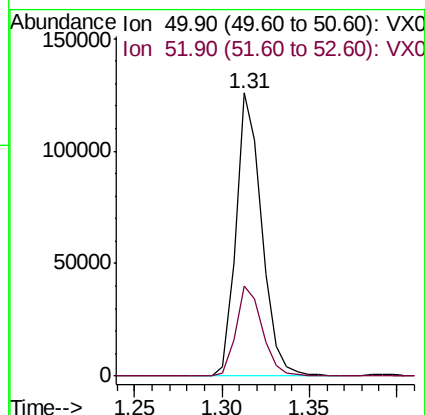
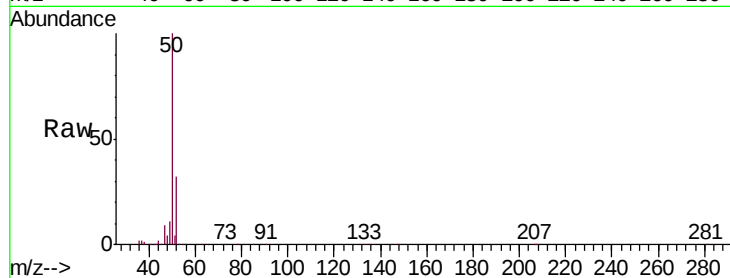
MH-117N-20200630MSD

Tgt Ion: 50 Resp: 128677

Ion Ratio Lower Upper

50 100

52 31.8 26.1 39.1



#4

Vinyl Chloride

Concen: 45.341 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017269.D

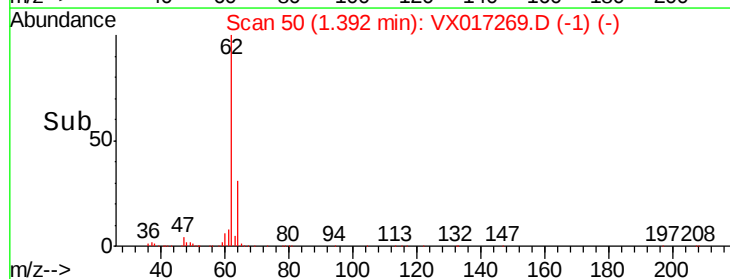
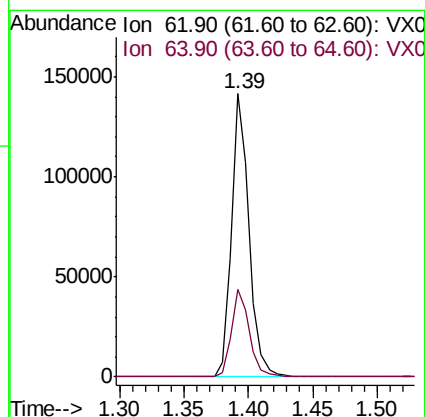
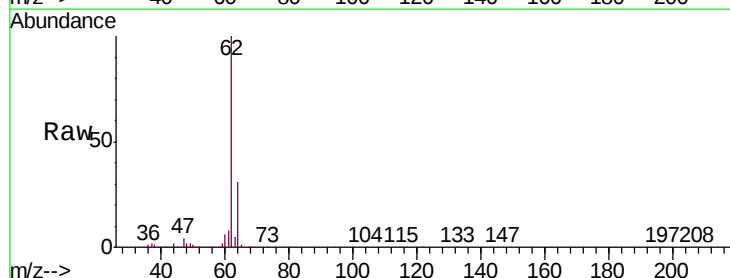
Acq: 08 Jul 2020 20:23

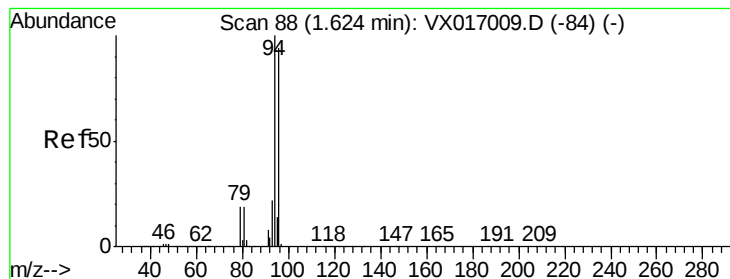
Tgt Ion: 62 Resp: 135522

Ion Ratio Lower Upper

62 100

64 30.8 25.9 38.9





#5

Bromomethane

Concen: 46.756 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

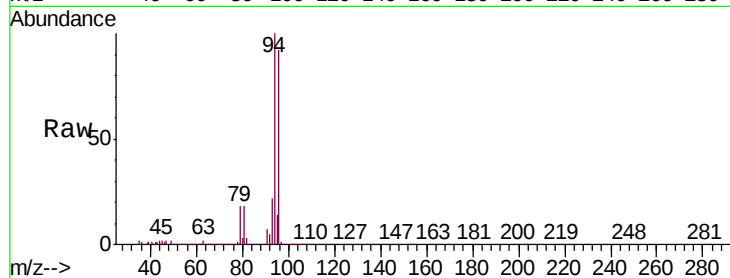
MH-117N-20200630MSD

Tgt Ion: 94 Resp: 73835

Ion Ratio Lower Upper

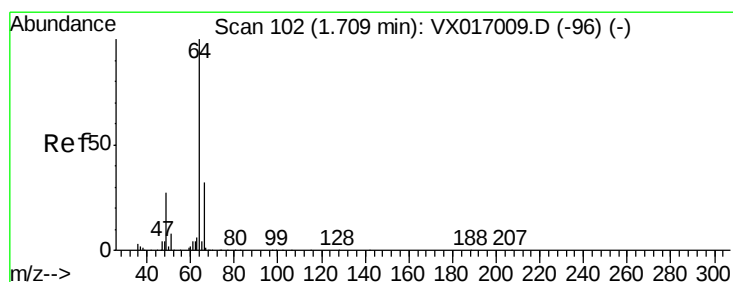
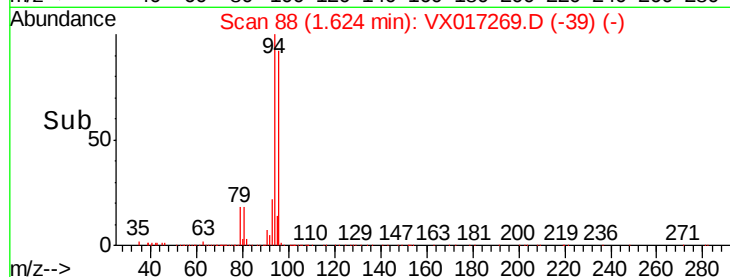
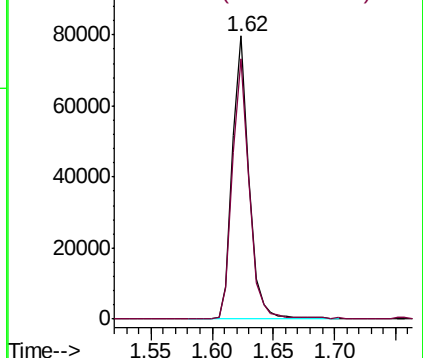
94 100

96 92.1 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.390 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017269.D

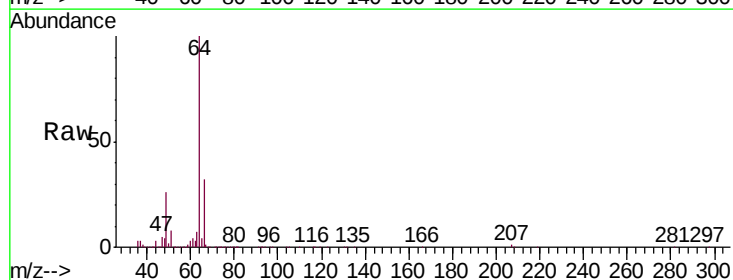
Acq: 08 Jul 2020 20:23

Tgt Ion: 64 Resp: 87188

Ion Ratio Lower Upper

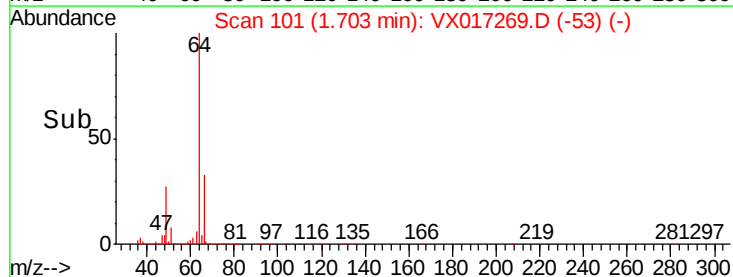
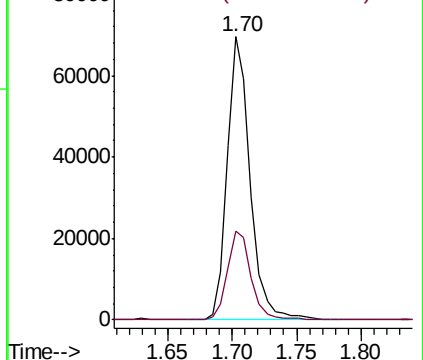
64 100

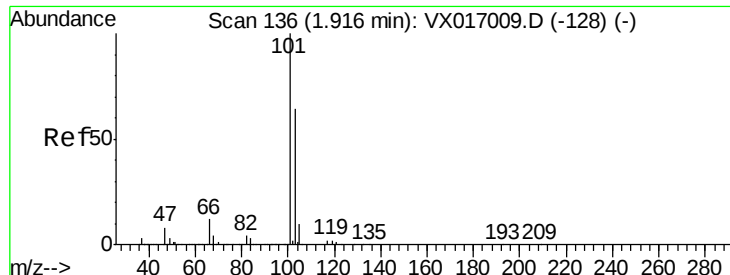
66 31.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



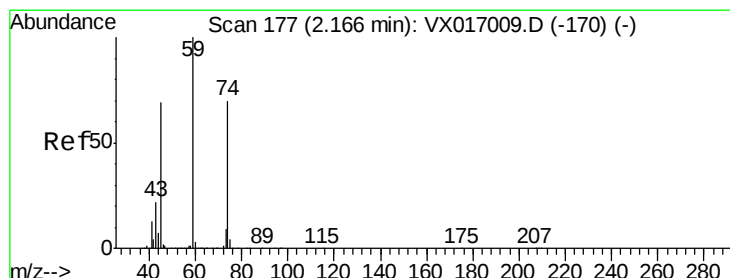
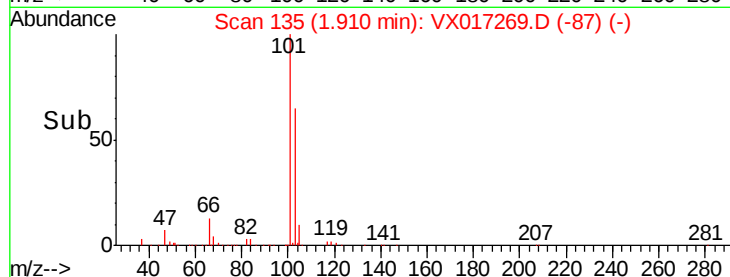
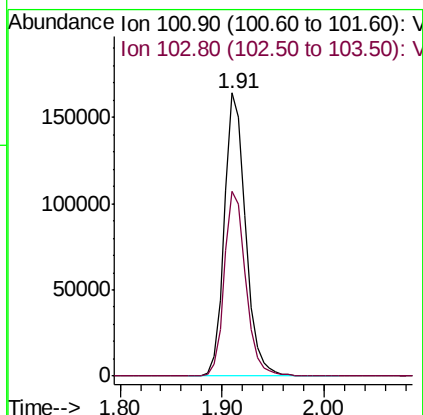
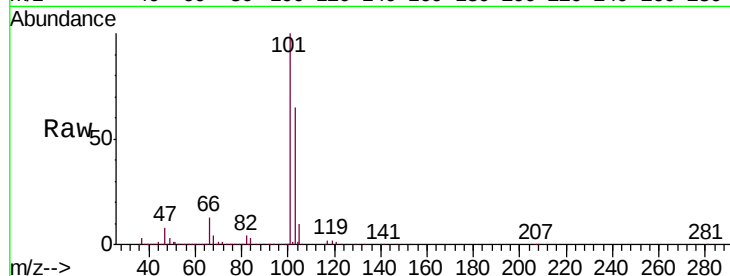


#7

Trichlorofluoromethane
 Concen: 53.572 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX017269.D
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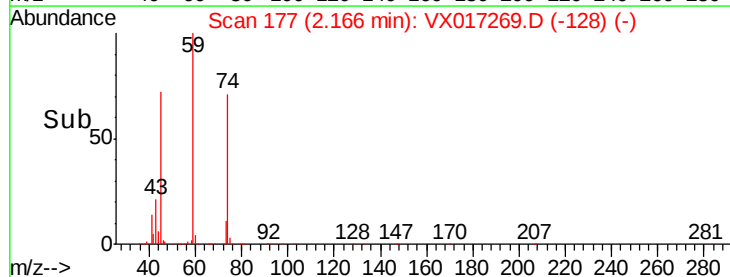
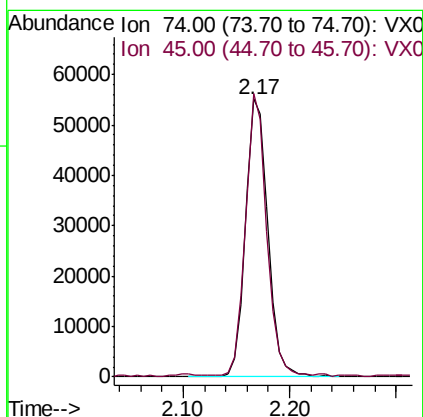
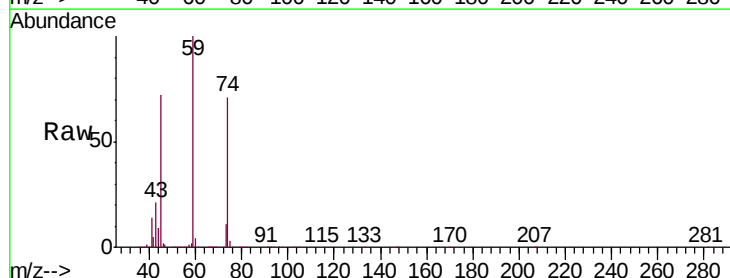
Tgt Ion:101 Resp: 236817
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.5 77.3

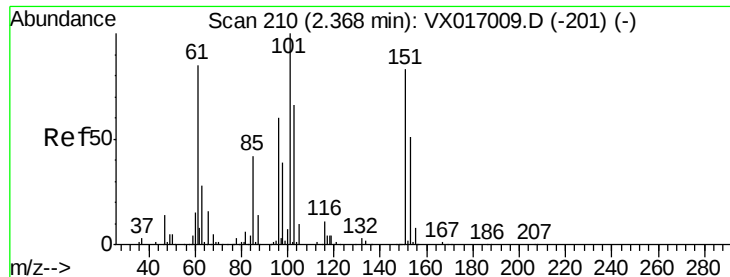


#8

Diethyl Ether
 Concen: 54.776 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017269.D
 Acq: 08 Jul 2020 20:23

Tgt Ion: 74 Resp: 81524
 Ion Ratio Lower Upper
 74 100
 45 96.9 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.252 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

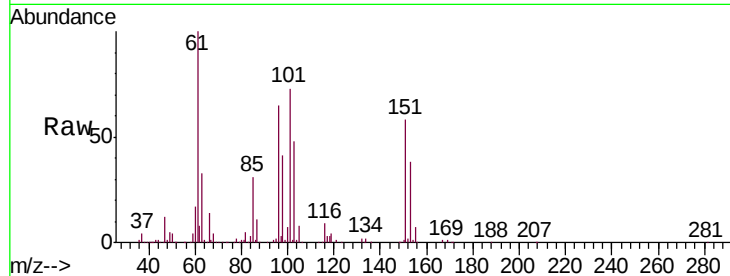
Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MSD

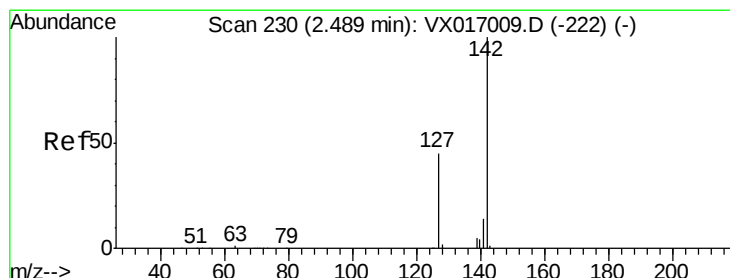
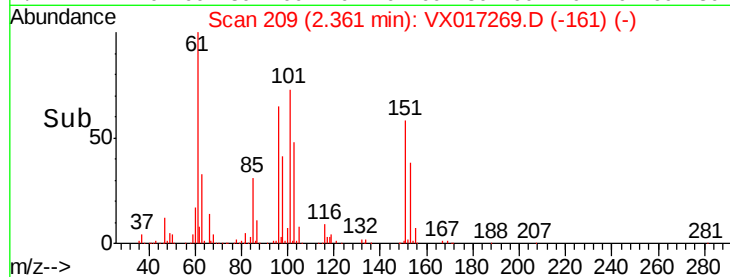
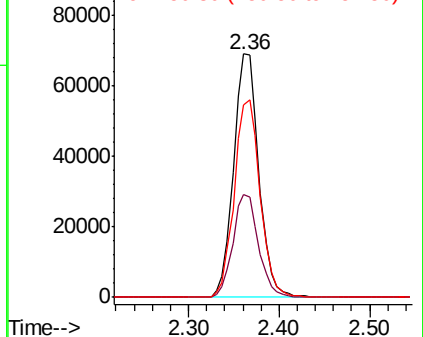
Tgt Ion:	101	Resp:	133141
Ion	Ratio	Lower	Upper
101	100		
85	43.0	33.5	50.3
151	83.1	63.8	95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.151 ug/l

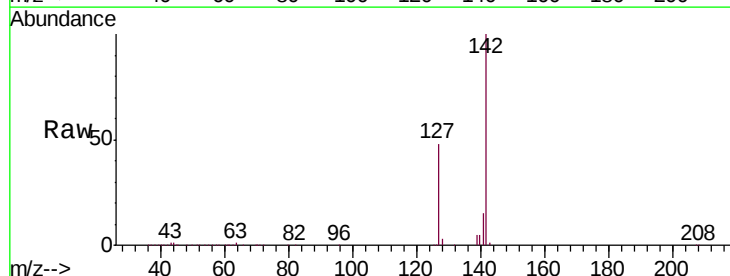
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

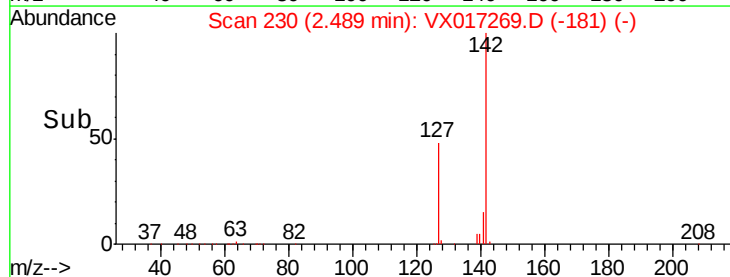
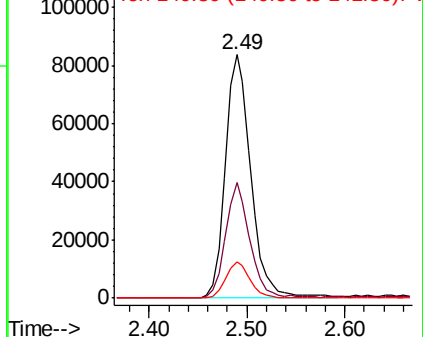
Tgt Ion:	142	Resp:	150941
Ion	Ratio	Lower	Upper
142	100		
127	45.0	36.6	54.8
141	14.4	11.6	17.4



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



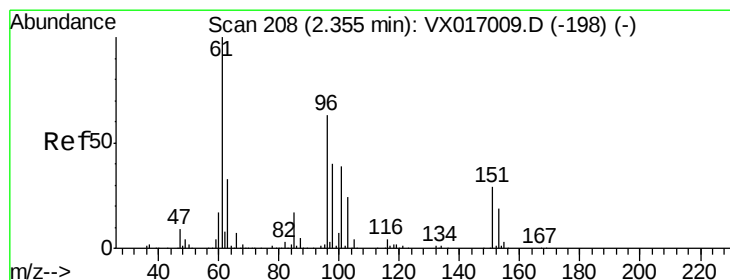
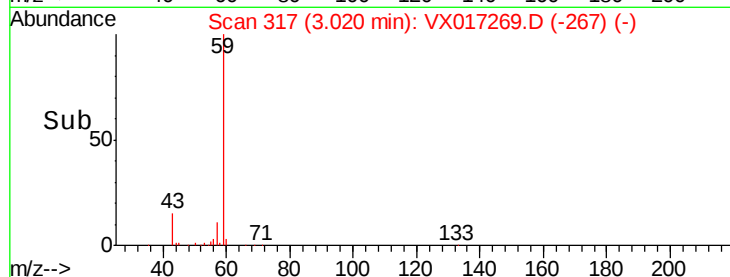
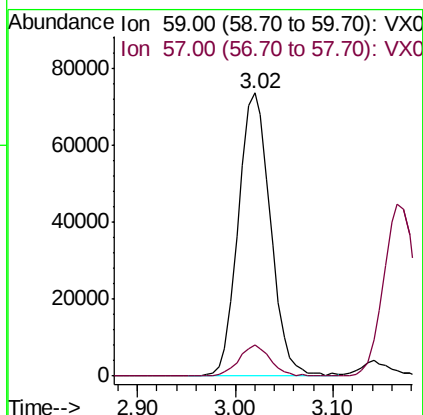
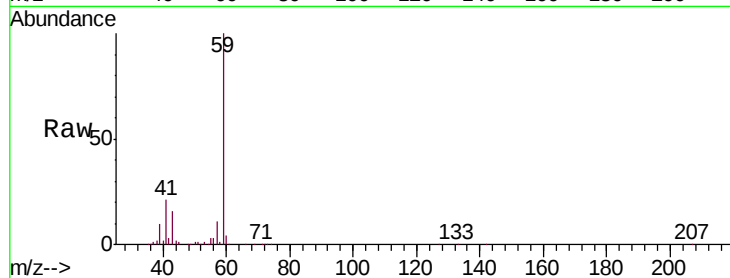


#11

Tert butyl alcohol
Concen: 260.059 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MSD

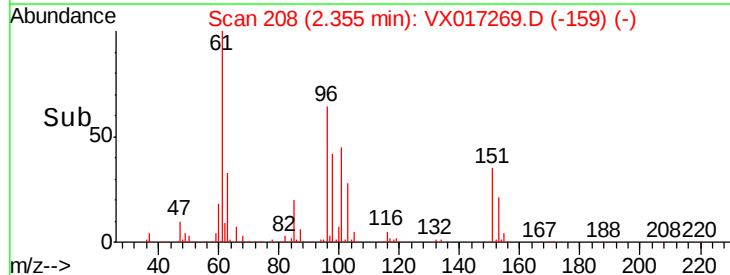
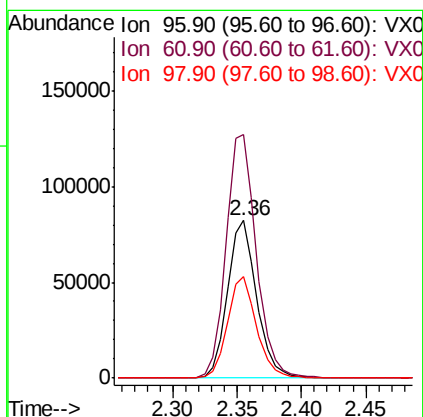
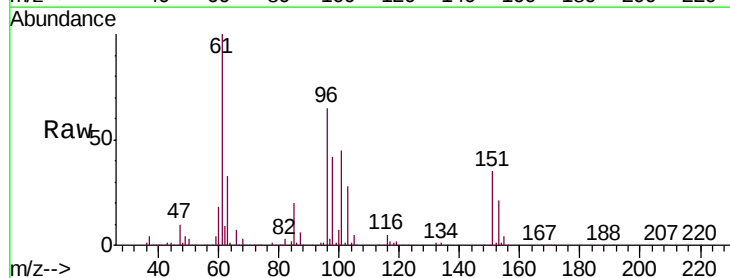
Tgt Ion: 59 Resp: 168254
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2

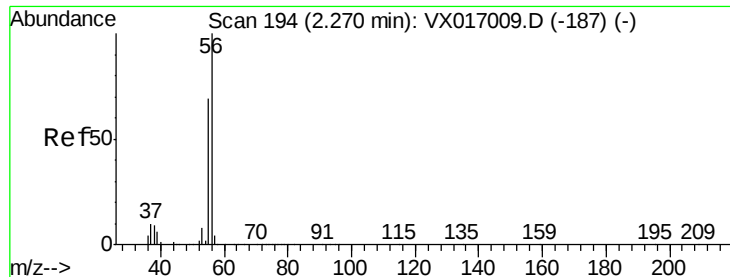


#12

1,1-Dichloroethene
Concen: 47.812 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

Tgt Ion: 96 Resp: 130130
Ion Ratio Lower Upper
96 100
61 155.0 126.3 189.5
98 64.4 51.0 76.6

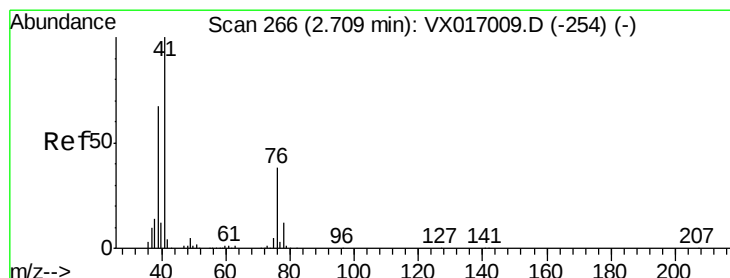
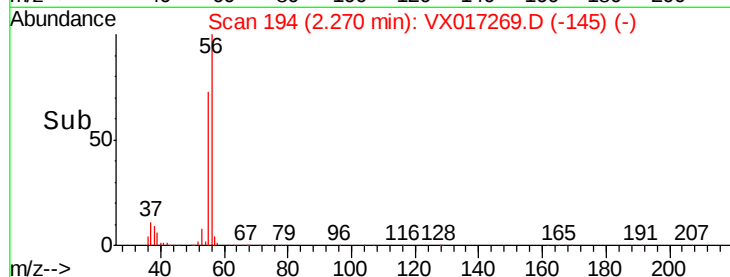
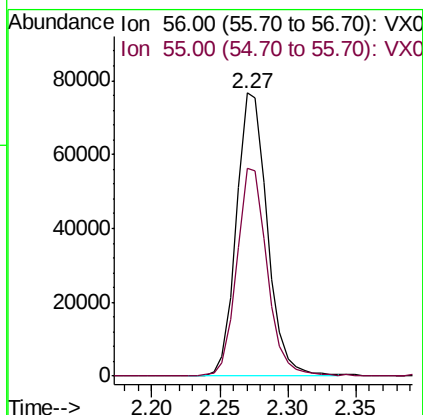
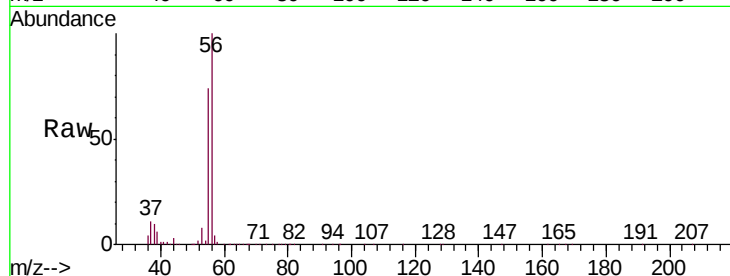




#13
Acrolein
Concen: 313.860 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

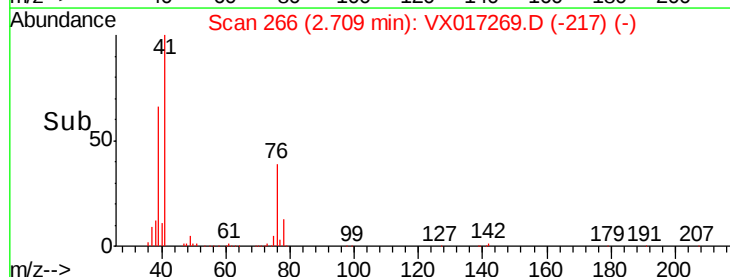
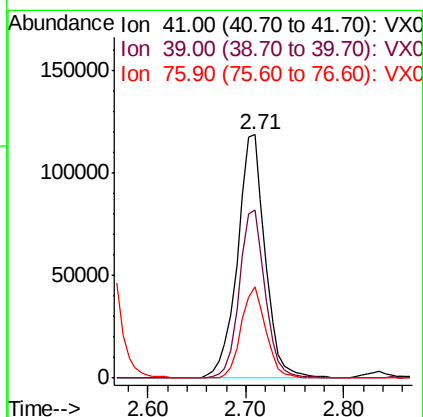
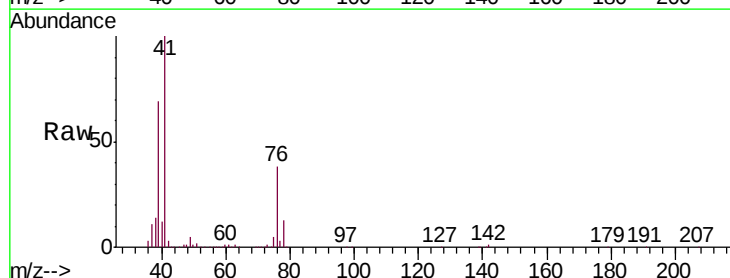
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MSD

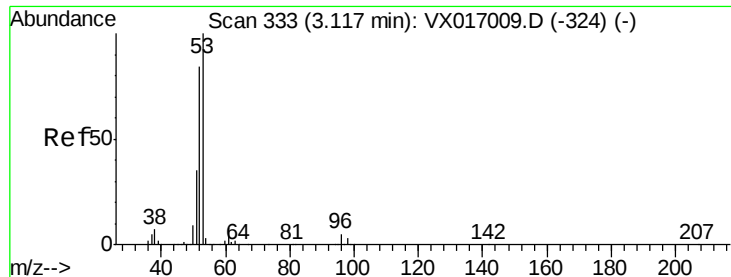
Tgt Ion: 56 Resp: 121387
Ion Ratio Lower Upper
56 100
55 72.1 55.7 83.5



#14
Allyl chloride
Concen: 46.366 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

Tgt Ion: 41 Resp: 233220
Ion Ratio Lower Upper
41 100
39 64.5 49.4 74.2
76 33.6 26.8 40.2





#15

Acrylonitrile

Concen: 259.789 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MSD

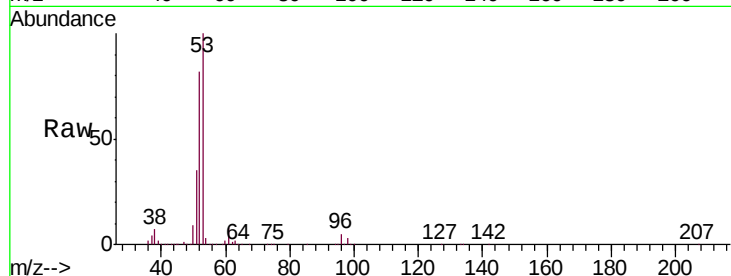
Tgt Ion: 53 Resp: 404056

Ion Ratio Lower Upper

53 100

52 83.0 65.6 98.4

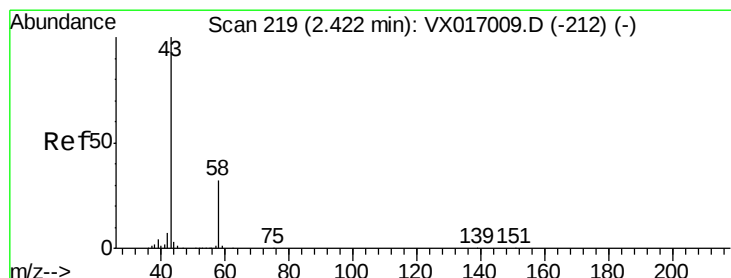
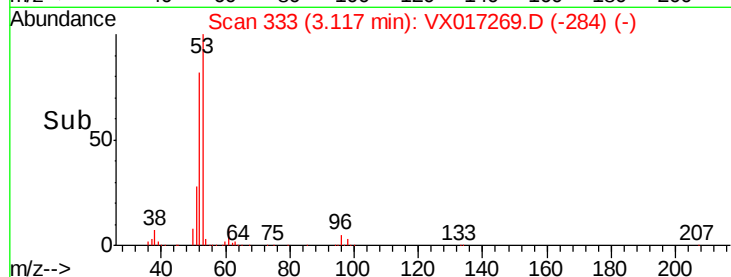
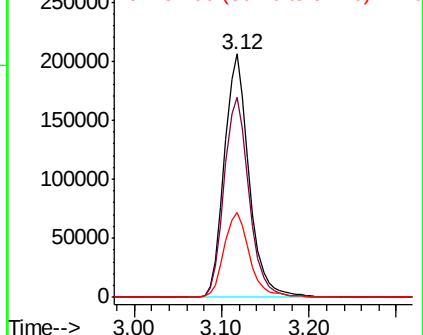
51 36.5 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 269.328 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017269.D

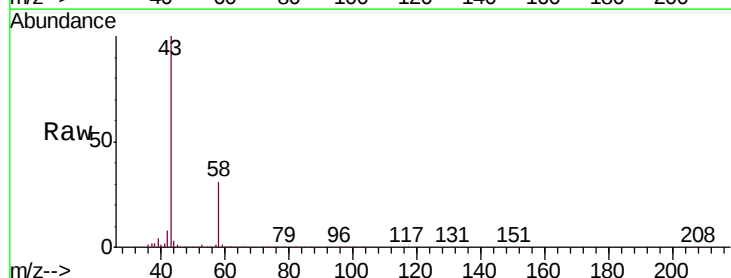
Acq: 08 Jul 2020 20:23

Tgt Ion: 43 Resp: 341697

Ion Ratio Lower Upper

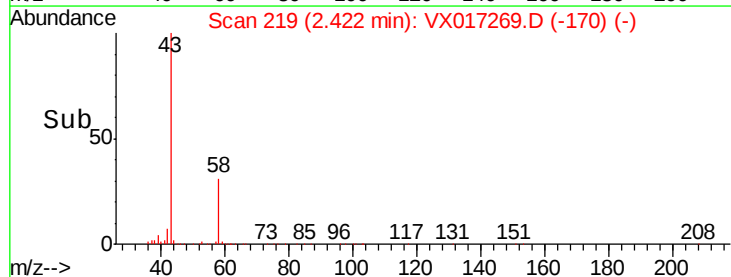
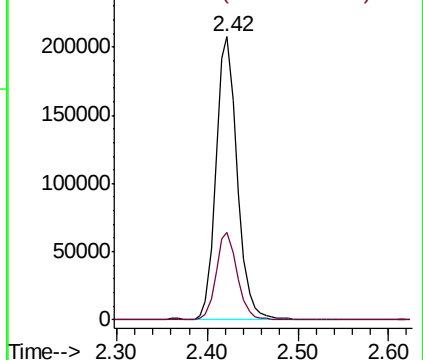
43 100

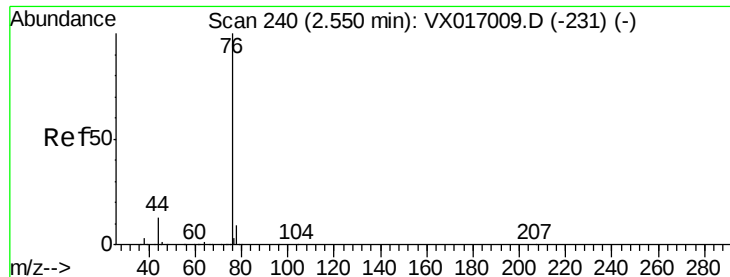
58 31.1 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 44.631 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

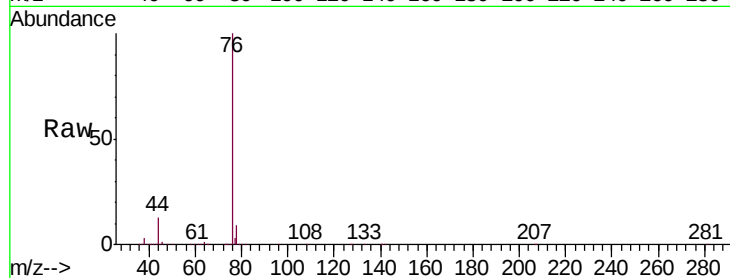
MH-117N-20200630MSD

Tgt Ion: 76 Resp: 338957

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

200000

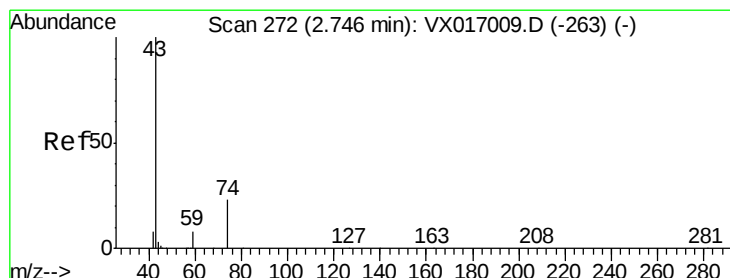
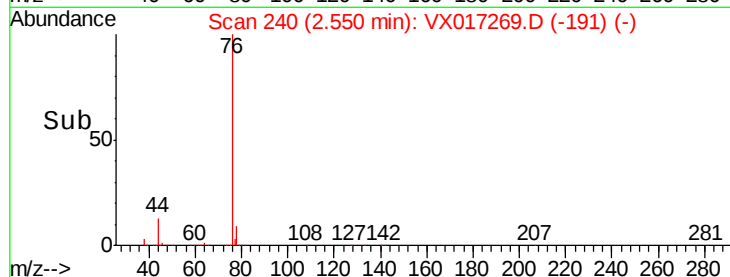
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 53.030 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017269.D

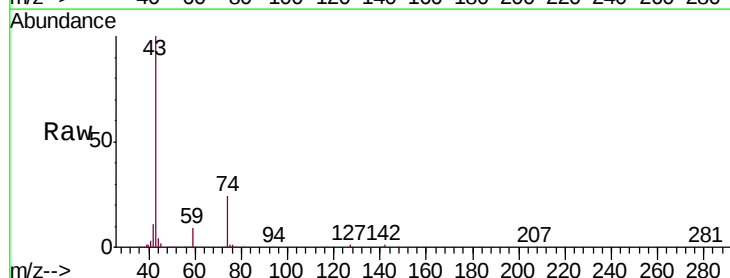
Acq: 08 Jul 2020 20:23

Tgt Ion: 43 Resp: 175632

Ion Ratio Lower Upper

43 100

74 24.8 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

100000

80000

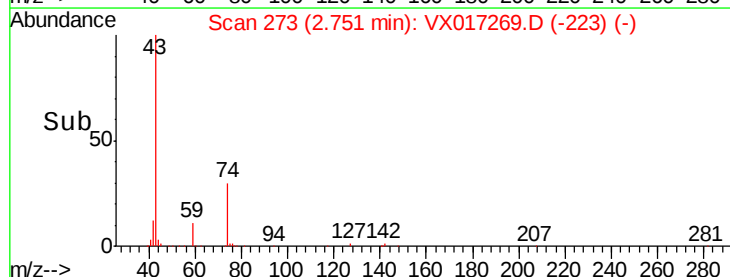
60000

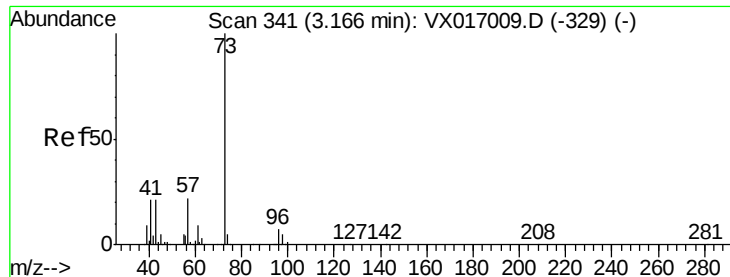
40000

20000

0

Time-->



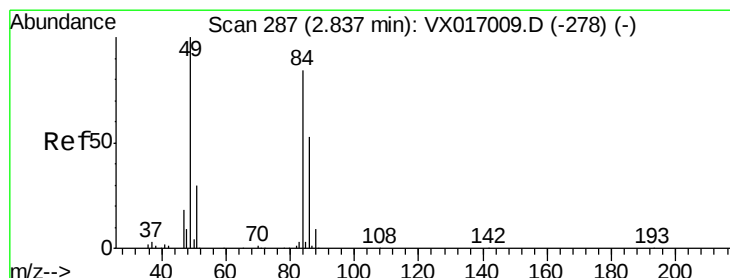
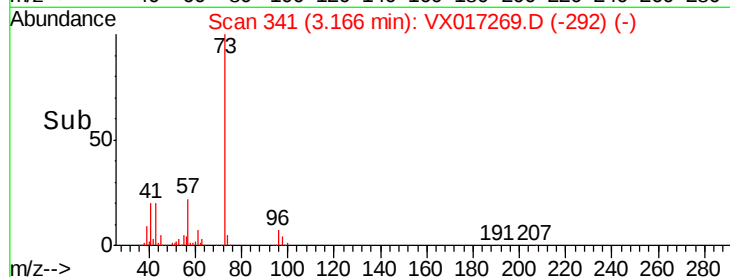
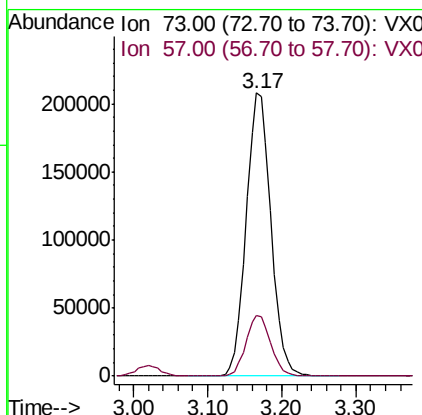
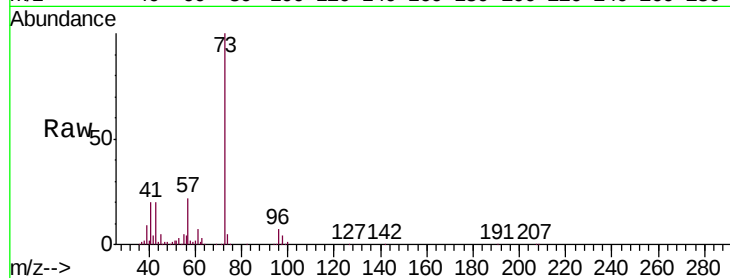


#19

Methyl tert-butyl Ether
 Concen: 53.099 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017269.D
 Acq: 08 Jul 2020 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20200630MSD

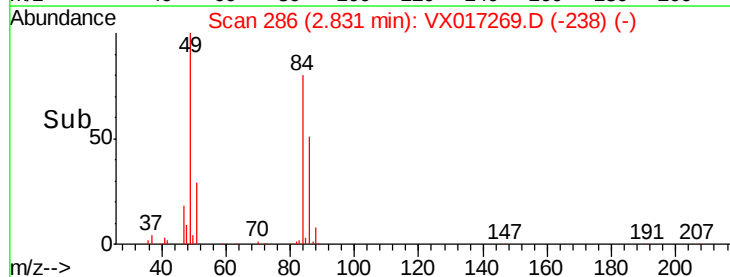
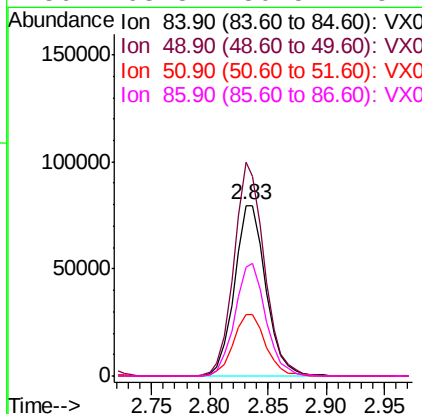
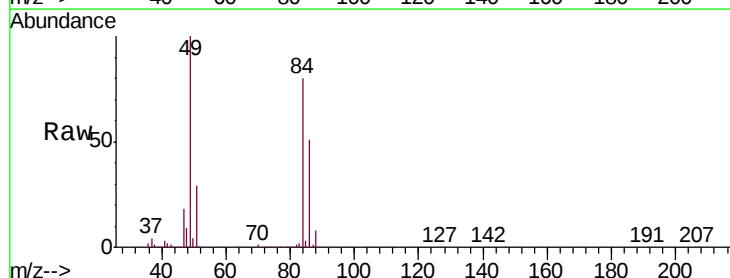
Tgt Ion: 73 Resp: 485044
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.6 26.4

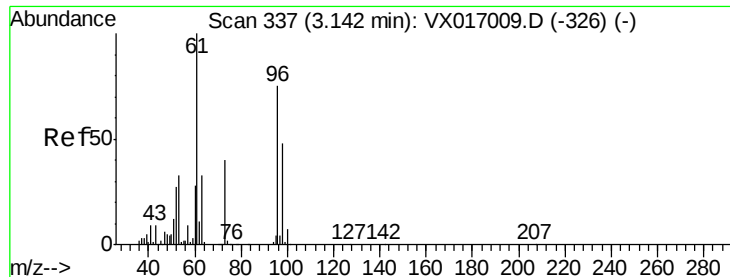


#20

Methylene Chloride
 Concen: 51.648 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017269.D
 Acq: 08 Jul 2020 20:23

Tgt Ion: 84 Resp: 150206
 Ion Ratio Lower Upper
 84 100
 49 125.1 94.7 142.1
 51 35.7 28.6 42.8
 86 63.8 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 49.220 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MSD

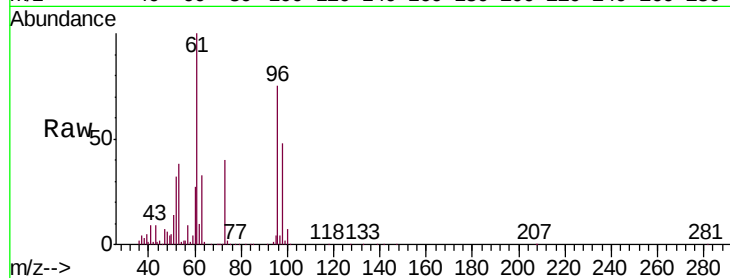
Tgt Ion: 96 Resp: 148666

Ion Ratio Lower Upper

96 100

61 133.1 107.0 160.6

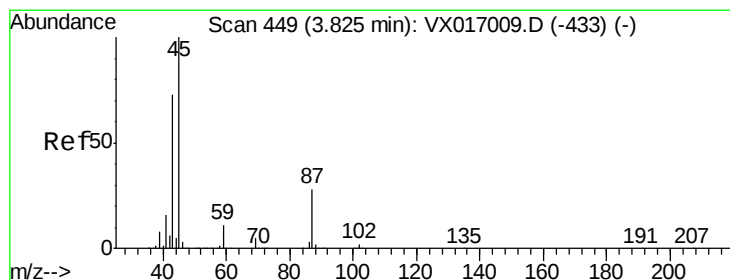
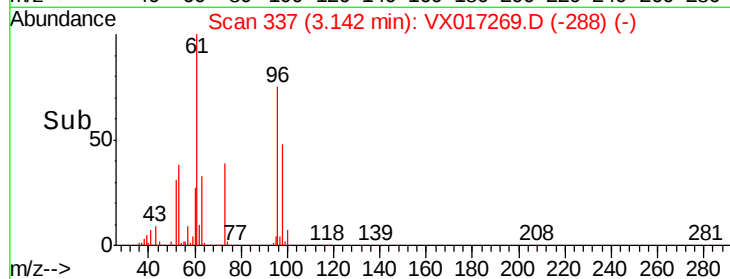
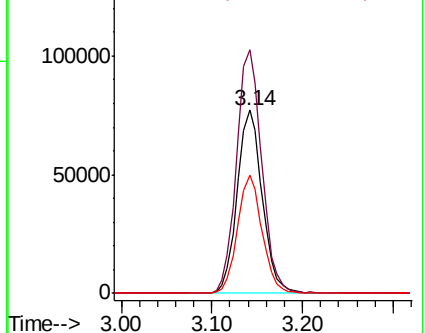
98 64.5 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.348 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

Tgt Ion: 45 Resp: 468720

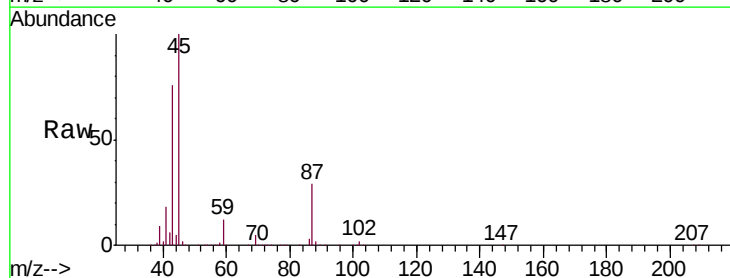
Ion Ratio Lower Upper

45 100

43 75.9 58.6 88.0

87 28.9 22.6 34.0

59 11.7 8.7 13.1

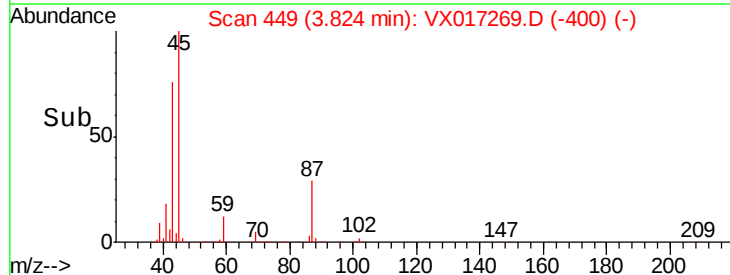
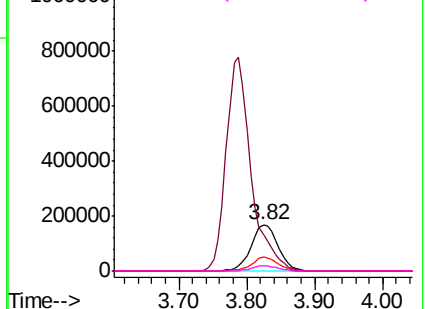


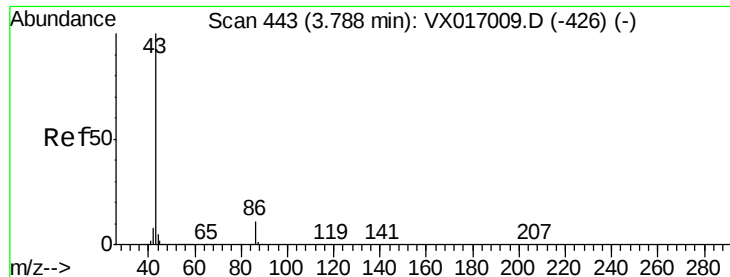
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 247.680 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

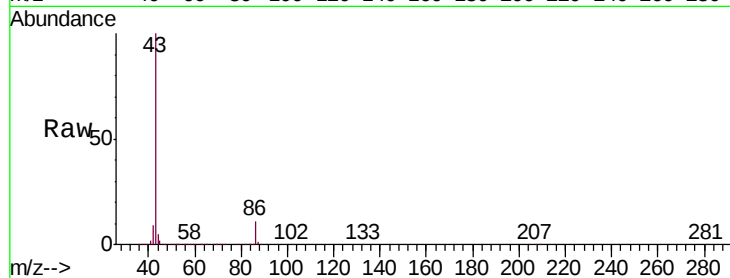
MH-117N-20200630MSD

Tgt Ion: 43 Resp: 1981405

Ion Ratio Lower Upper

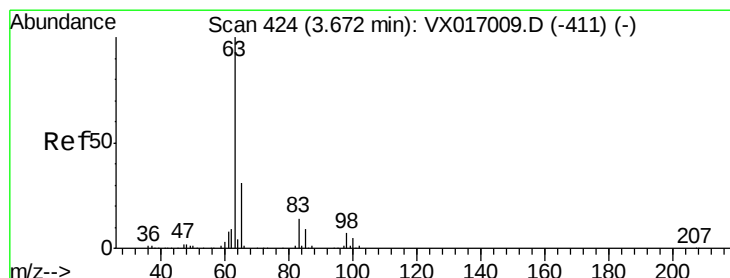
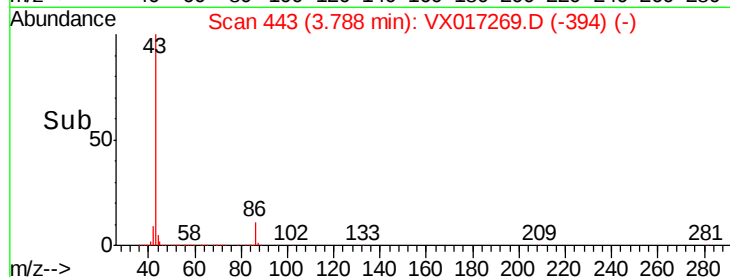
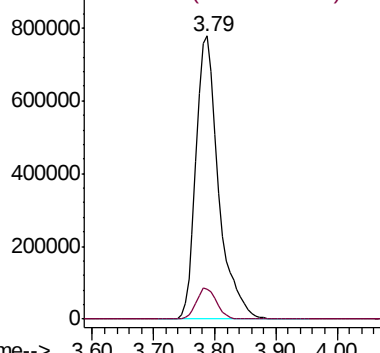
43 100

86 10.7 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.504 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

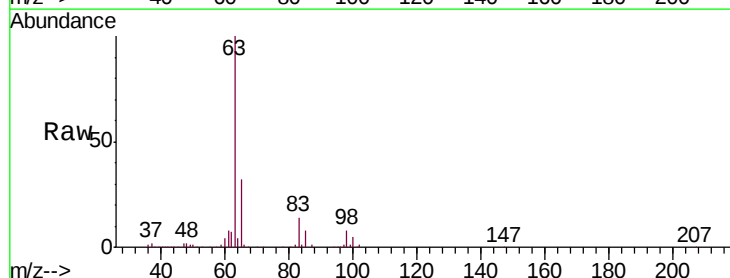
Tgt Ion: 63 Resp: 262229

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

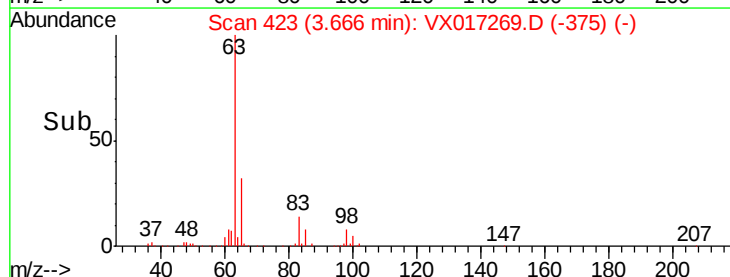
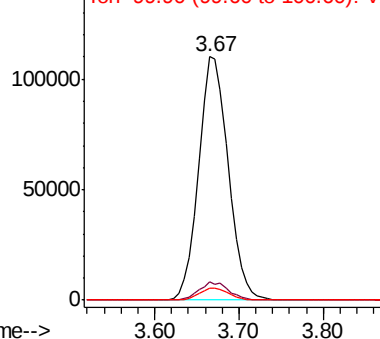
100 4.9 2.4 7.1

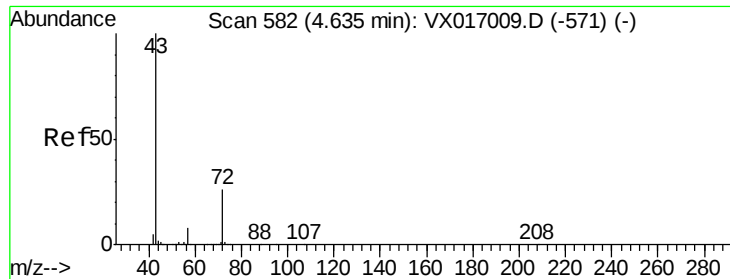


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

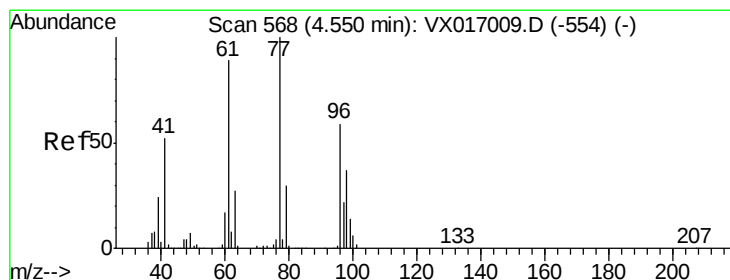
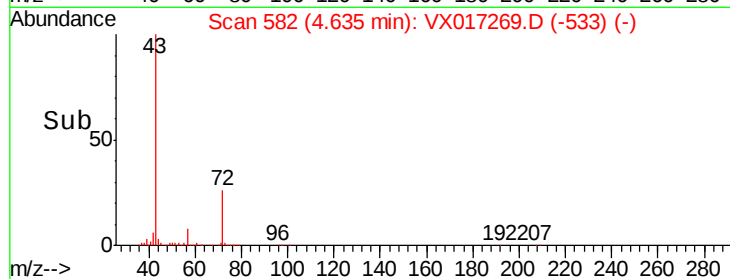
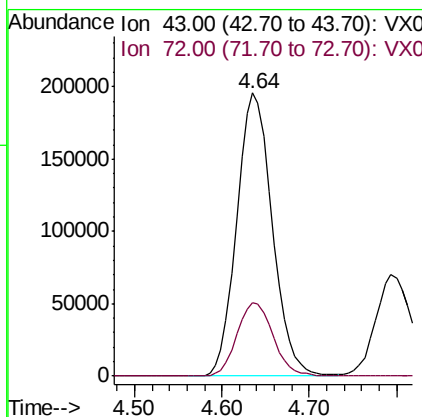
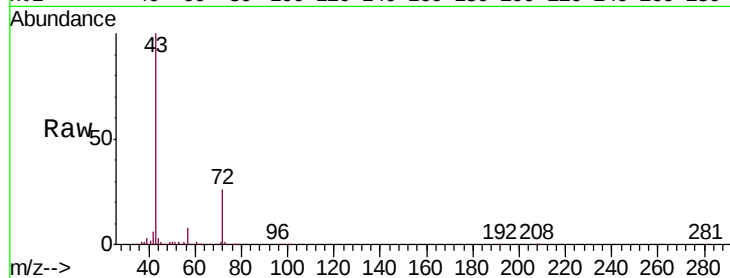




#25
2-Butanone
Concen: 260.970 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

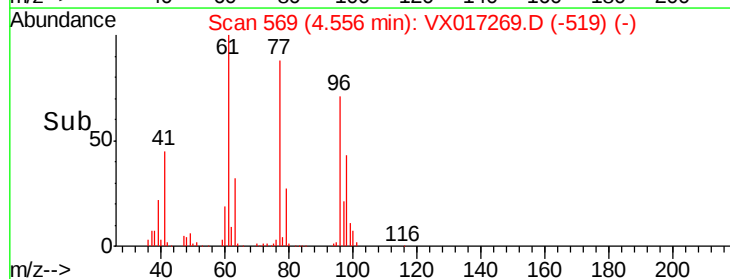
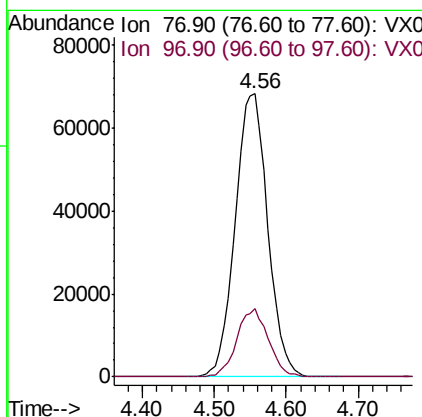
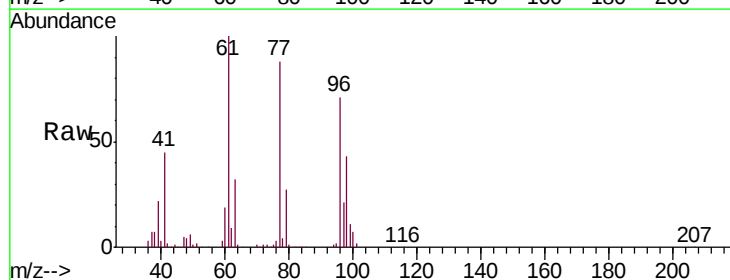
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MSD

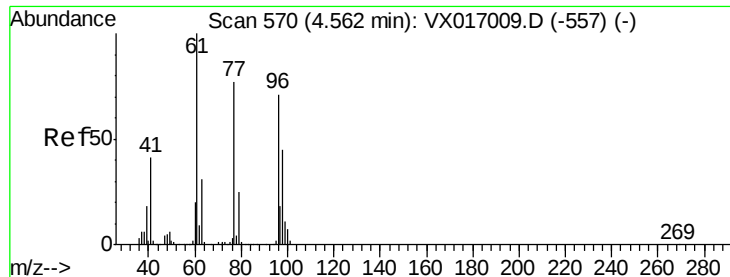
Tgt Ion: 43 Resp: 551687
Ion Ratio Lower Upper
43 100
72 25.9 20.8 31.2



#26
2,2-Dichloropropane
Concen: 45.543 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

Tgt Ion: 77 Resp: 214204
Ion Ratio Lower Upper
77 100
97 23.4 11.4 34.2



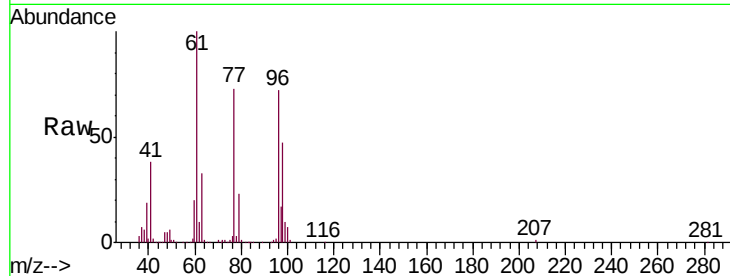


#27

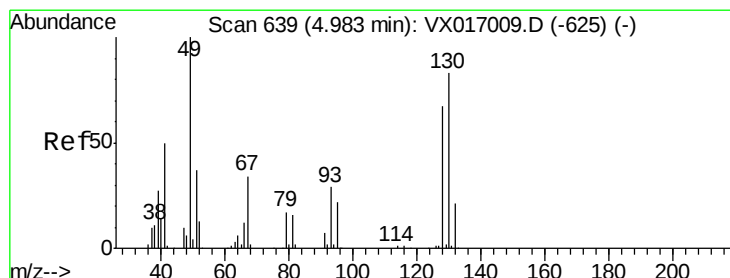
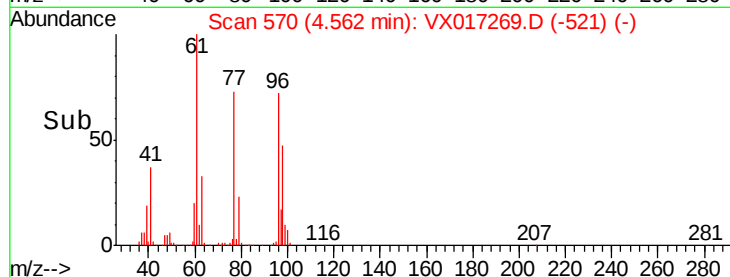
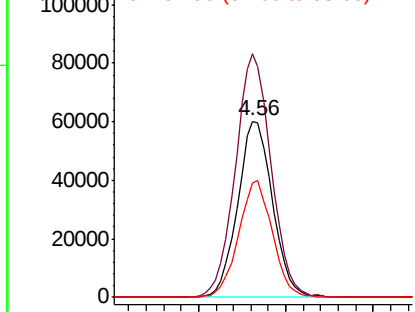
cis-1,2-Dichloroethene
Concen: 48.664 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MSD

Tgt Ion: 96 Resp: 166544
Ion Ratio Lower Upper
96 100
61 141.6 0.0 282.8
98 64.3 0.0 127.6



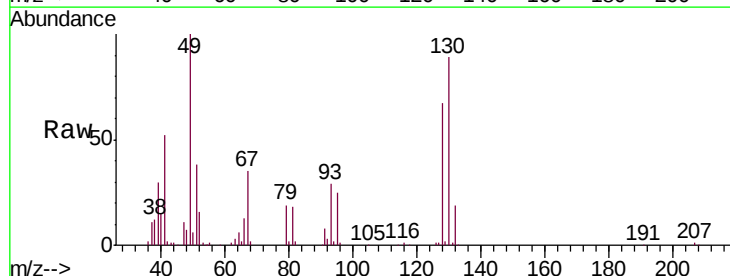
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



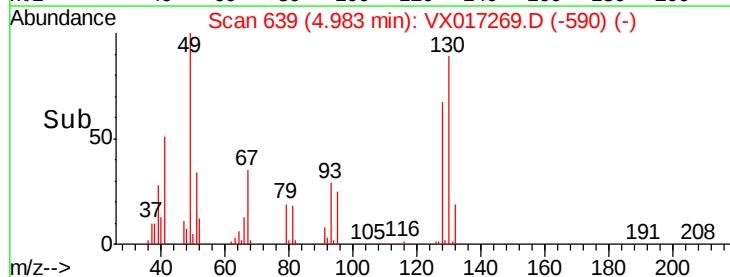
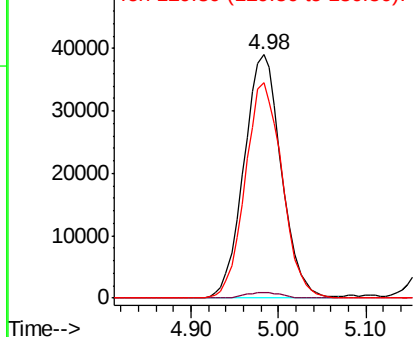
#28

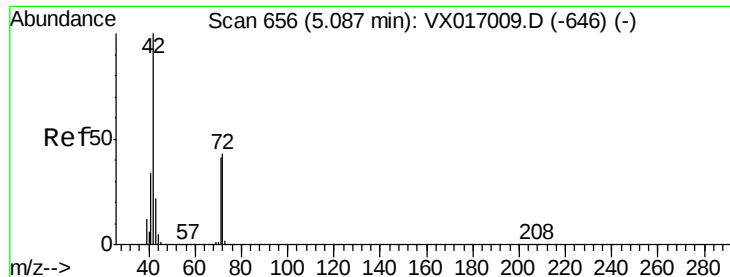
Bromochloromethane
Concen: 45.074 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

Tgt Ion: 49 Resp: 116187
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.2
130 87.8 66.6 100.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

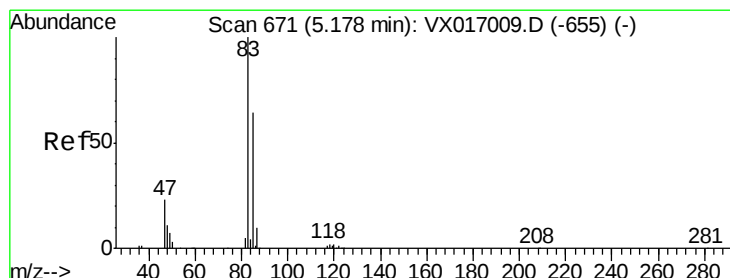
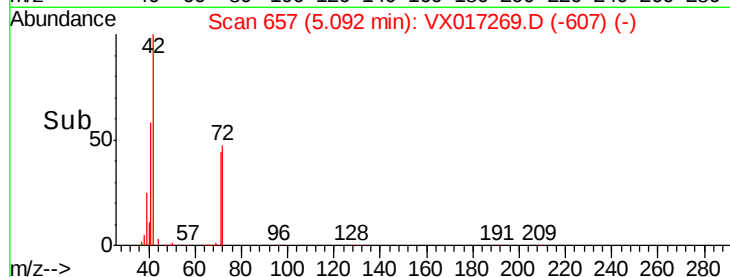
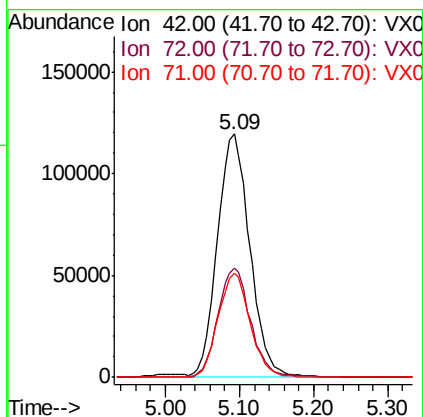
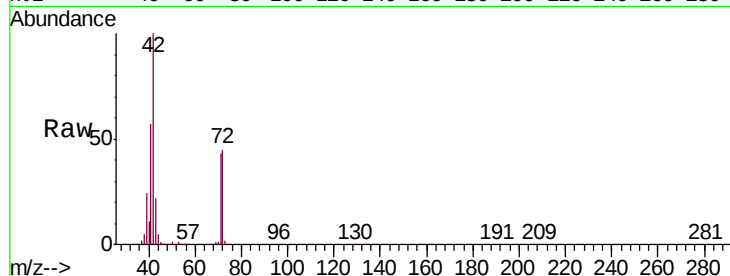




#29
Tetrahydrofuran
Concen: 257.812 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

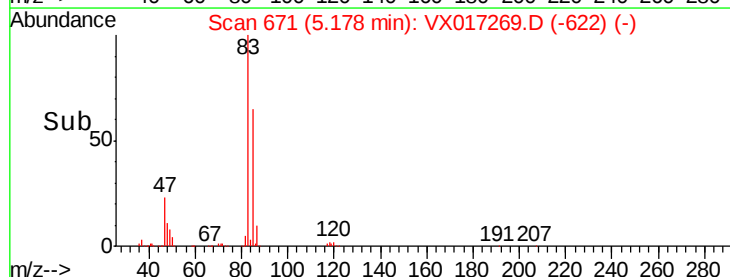
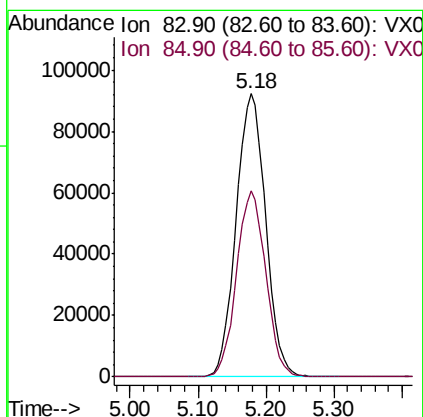
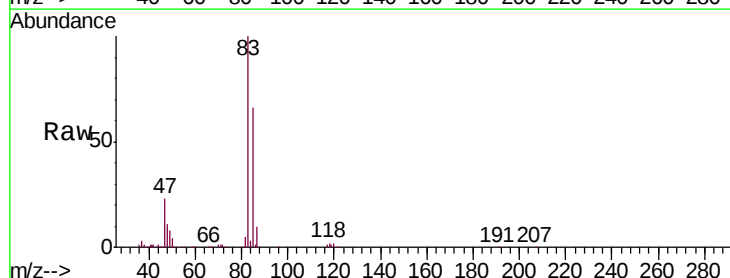
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MSD

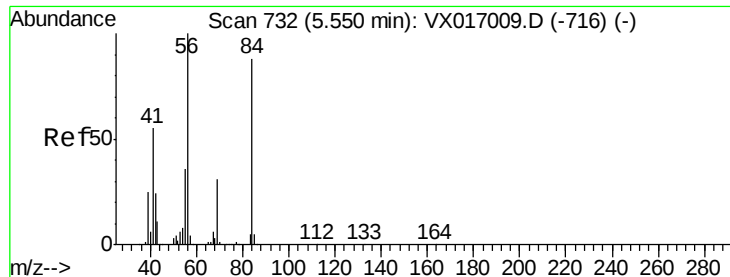
Tgt Ion: 42 Resp: 360101
Ion Ratio Lower Upper
42 100
72 45.7 35.3 52.9
71 42.4 33.1 49.7



#30
Chloroform
Concen: 51.308 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

Tgt Ion: 83 Resp: 278608
Ion Ratio Lower Upper
83 100
85 65.8 51.4 77.2

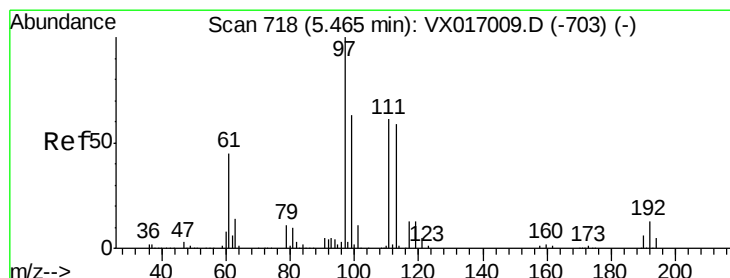
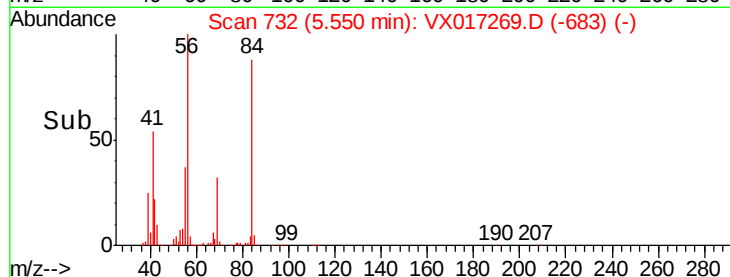
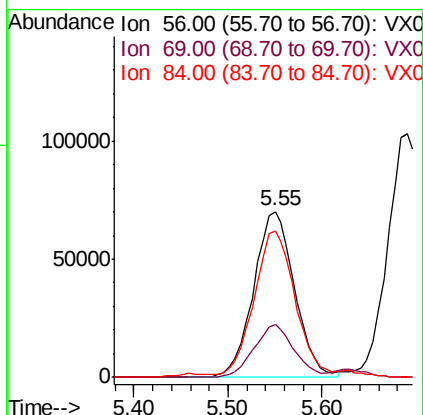
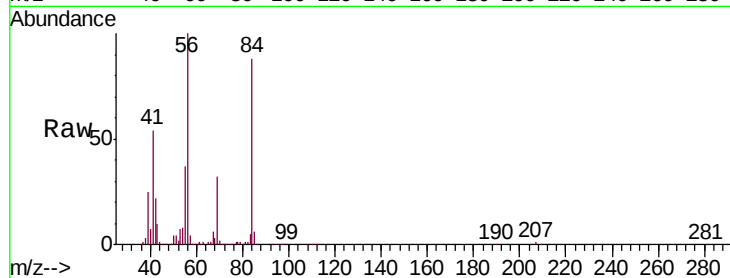




#31
Cyclohexane
Concen: 46.594 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

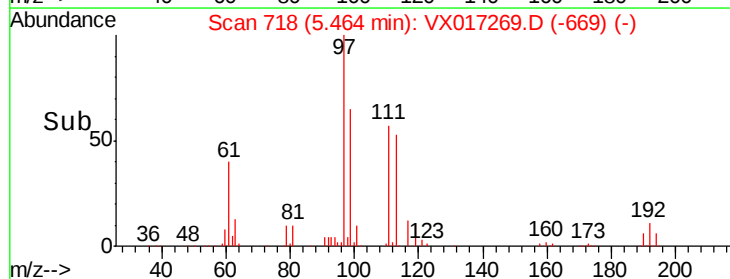
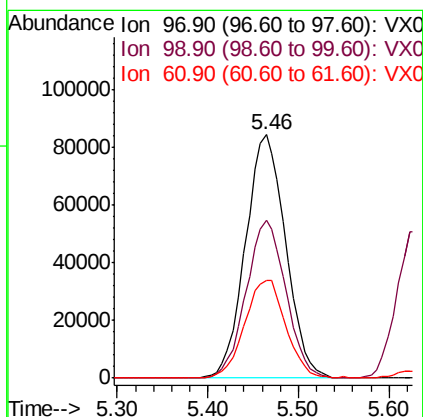
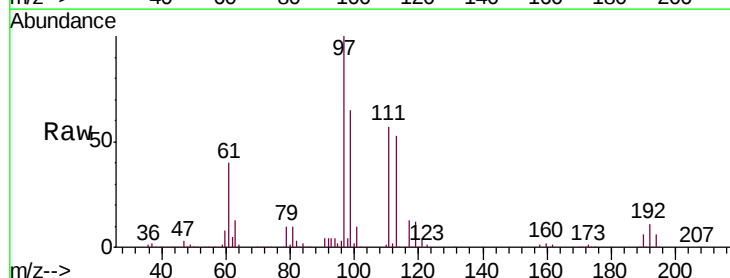
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MSD

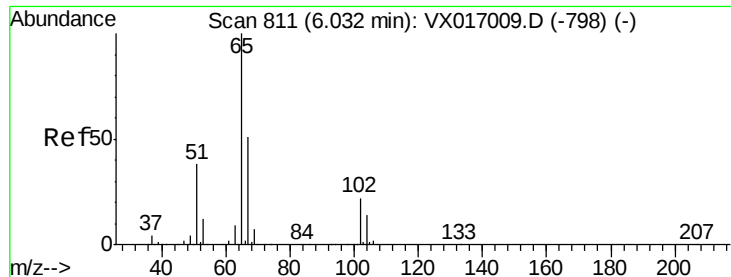
Tgt Ion: 56 Resp: 213341
Ion Ratio Lower Upper
56 100
69 31.5 25.0 37.4
84 85.8 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 51.715 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

Tgt Ion: 97 Resp: 258622
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 41.4 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 47.452 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

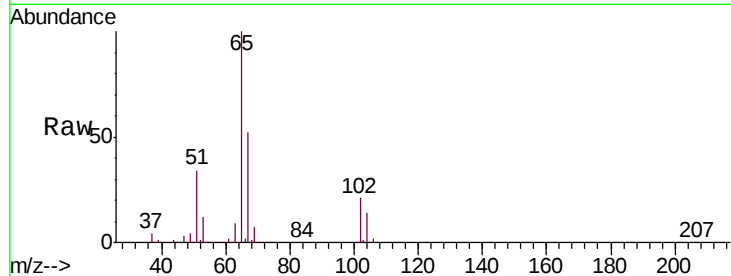
MH-117N-20200630MSD

Tgt Ion: 65 Resp: 160930

Ion Ratio Lower Upper

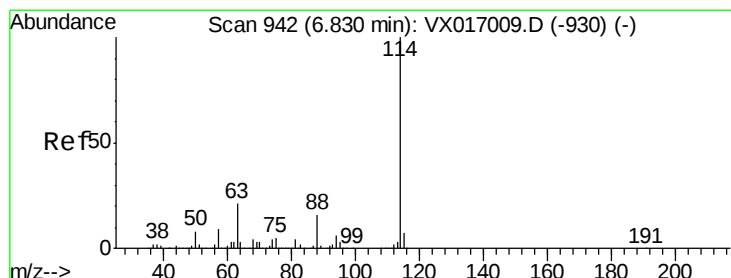
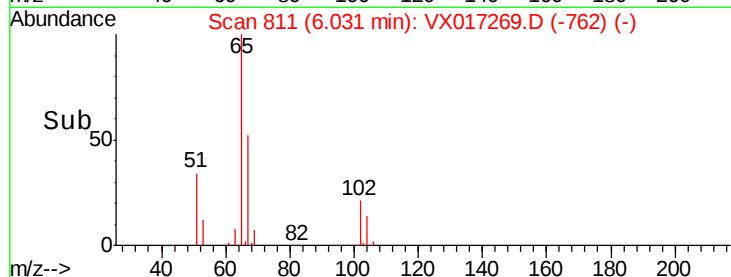
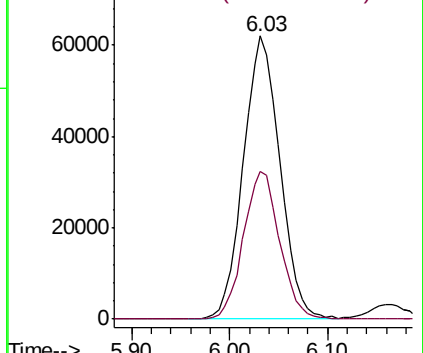
65 100

67 51.7 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

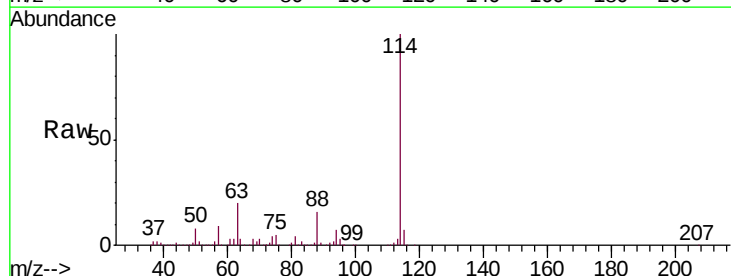
Tgt Ion: 114 Resp: 416481

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

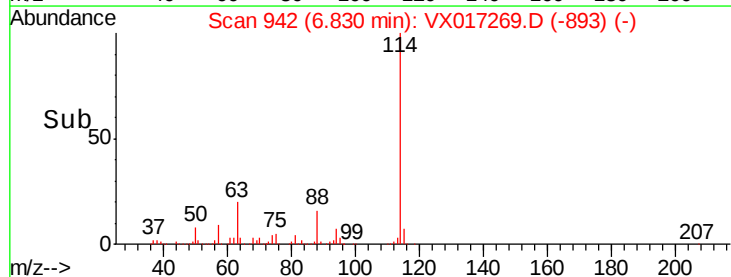
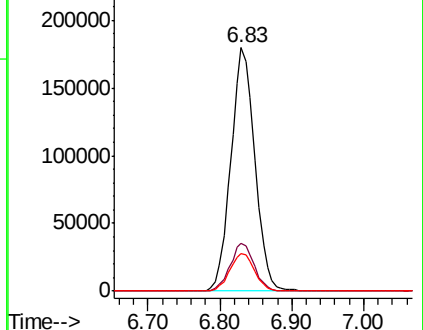
88 15.5 0.0 32.4

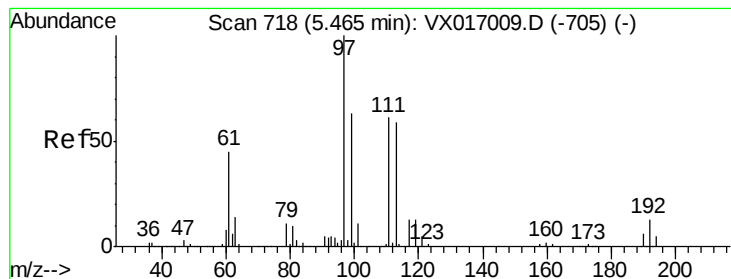


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.855 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MSD

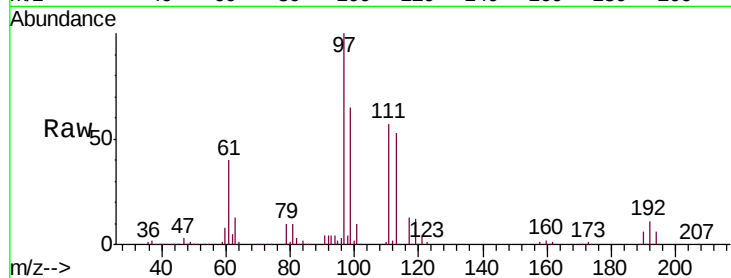
Tgt Ion:113 Resp: 131345

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

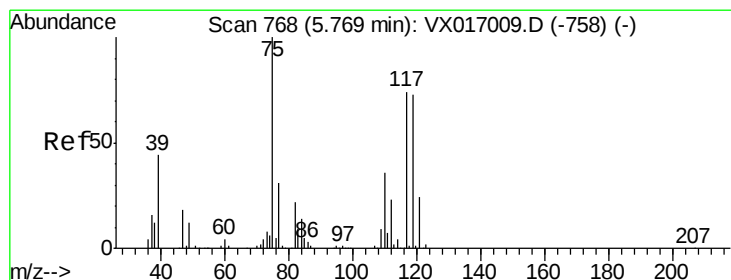
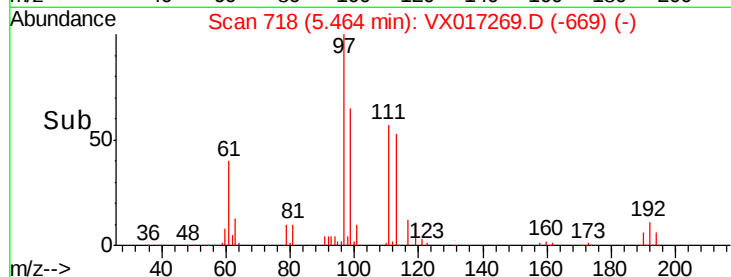
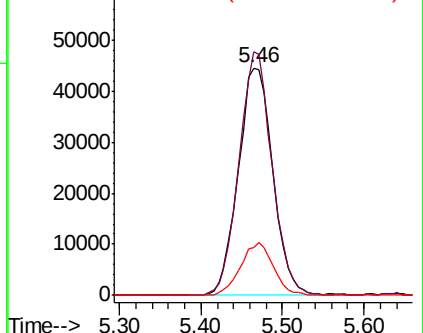
192 21.9 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.422 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

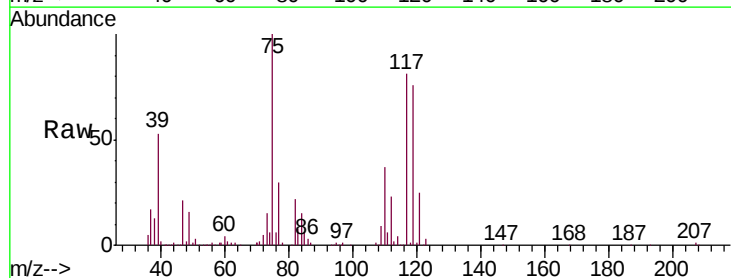
Tgt Ion: 75 Resp: 198473

Ion Ratio Lower Upper

75 100

110 37.4 18.1 54.1

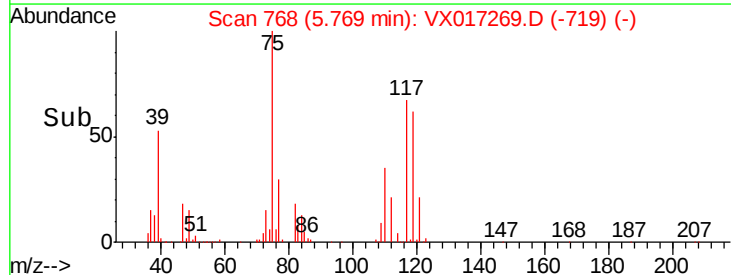
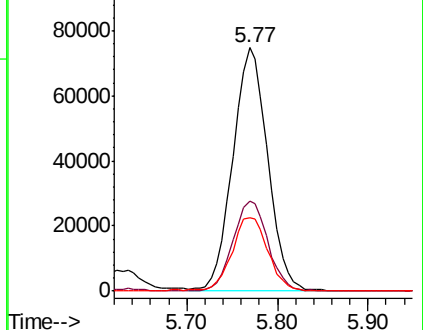
77 31.3 24.6 37.0

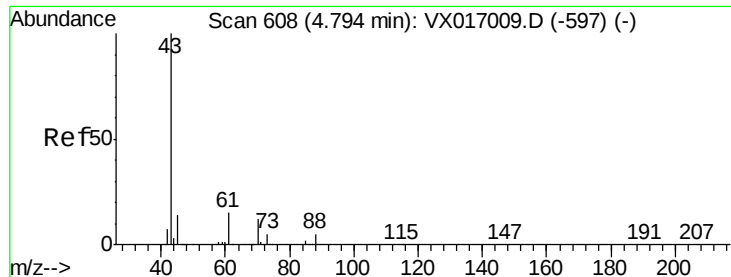


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

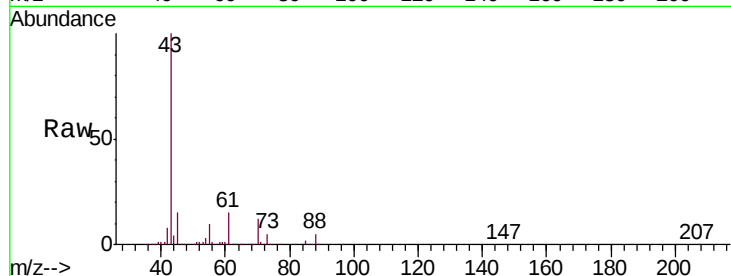




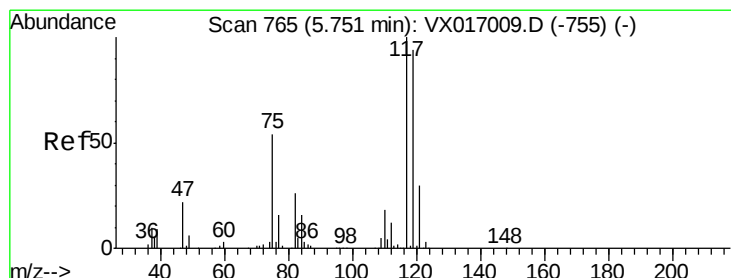
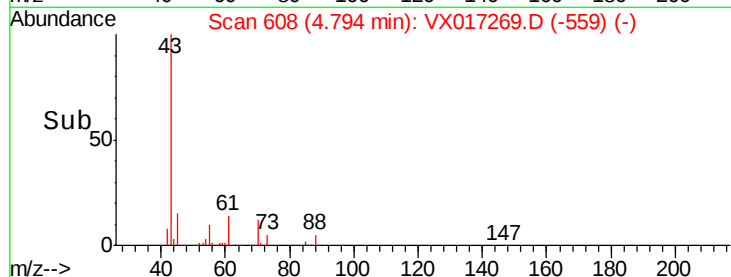
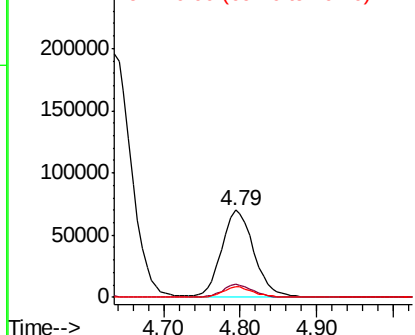
#37
Ethyl Acetate
Concen: 50.895 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MSD

Tgt Ion: 43 Resp: 203263
Ion Ratio Lower Upper
43 100
61 14.3 11.0 16.4
70 11.7 8.9 13.3

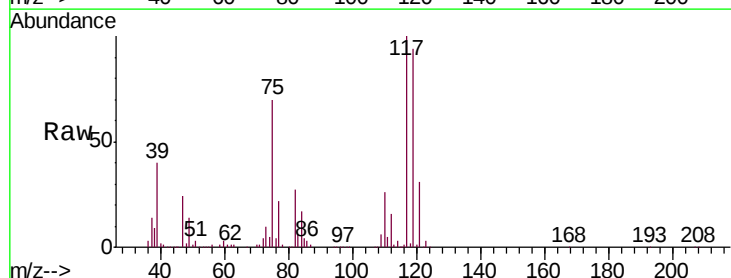


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

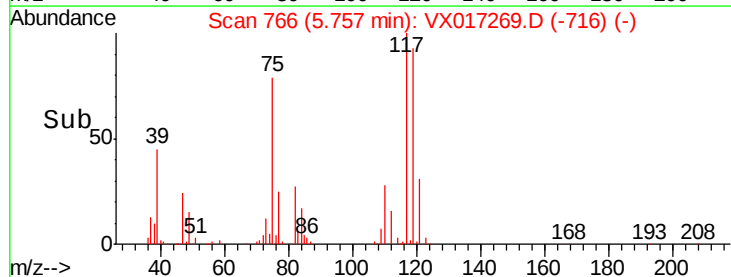
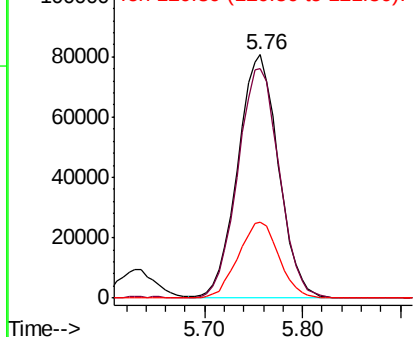


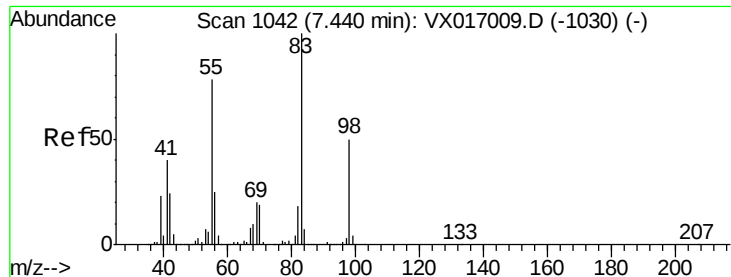
#38
Carbon Tetrachloride
Concen: 53.818 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

Tgt Ion: 117 Resp: 233326
Ion Ratio Lower Upper
117 100
119 94.2 75.4 113.0
121 31.0 23.8 35.6



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

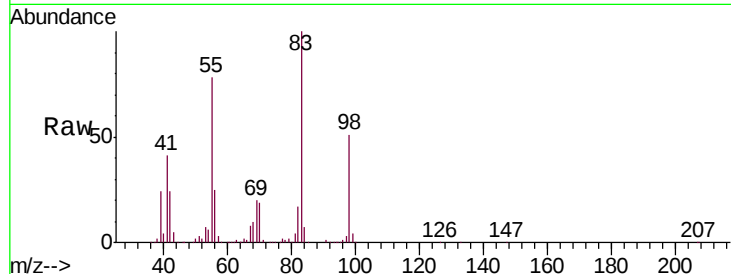




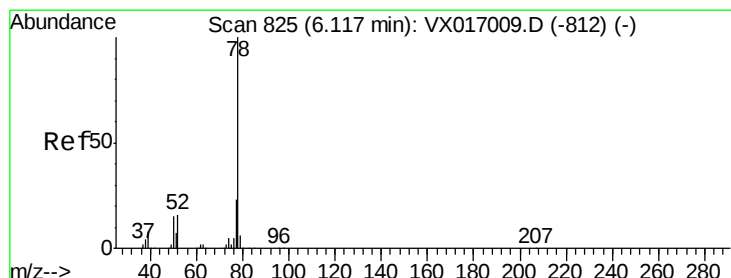
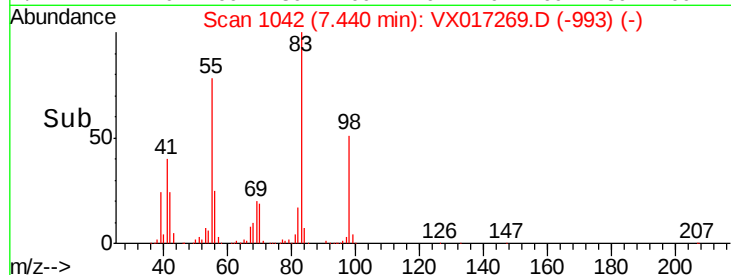
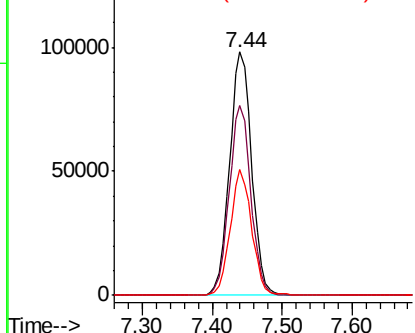
#39
Methylcyclohexane
Concen: 49.068 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MSD

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.9	62.5	93.7
98	51.5	40.1	60.1

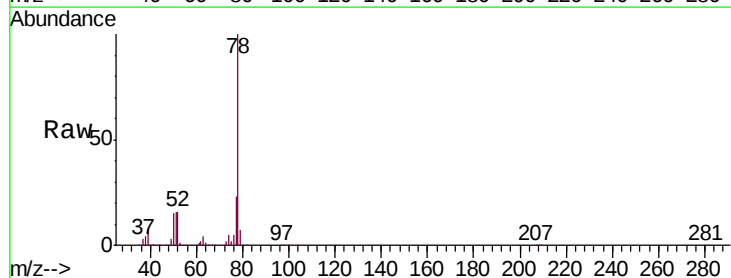


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

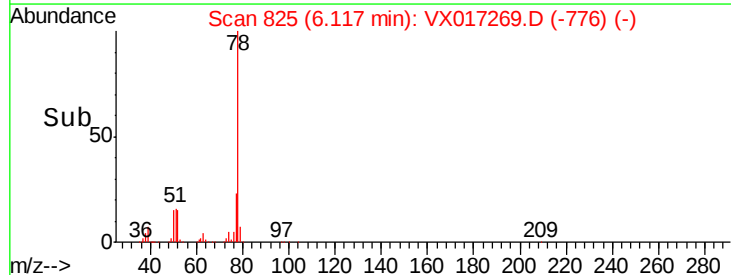
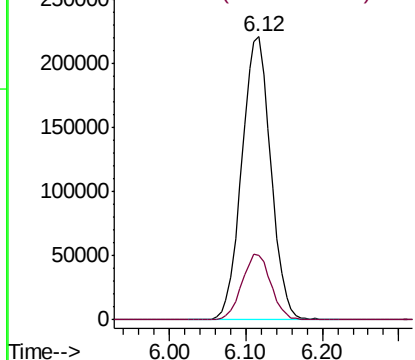


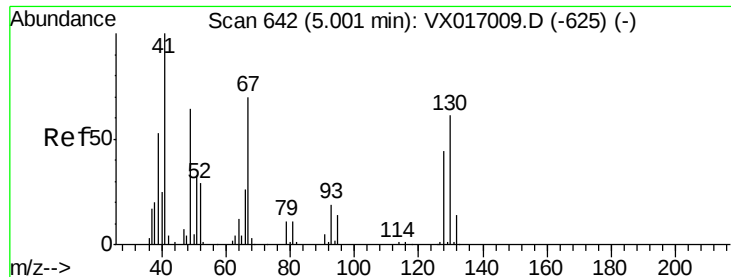
#40
Benzene
Concen: 50.339 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.3	27.5



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 52.772 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MSD

Tgt Ion: 41 Resp: 118621

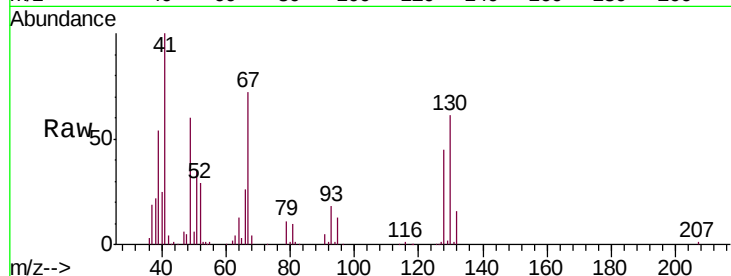
Ion Ratio Lower Upper

41 100

39 54.4 44.4 66.6

67 73.2 57.1 85.7

52 31.1 23.2 34.8

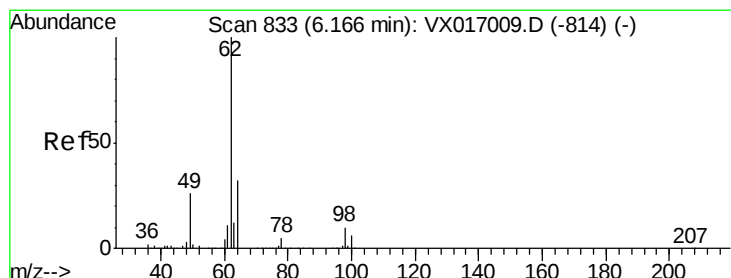
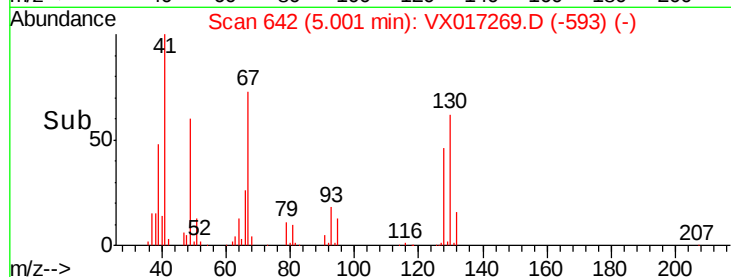
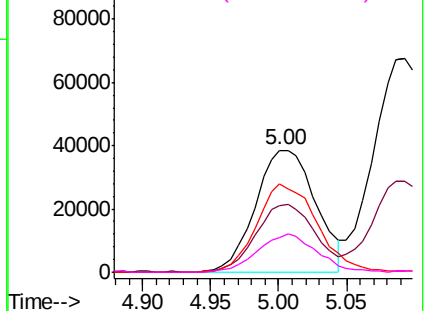


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 54.187 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX017269.D

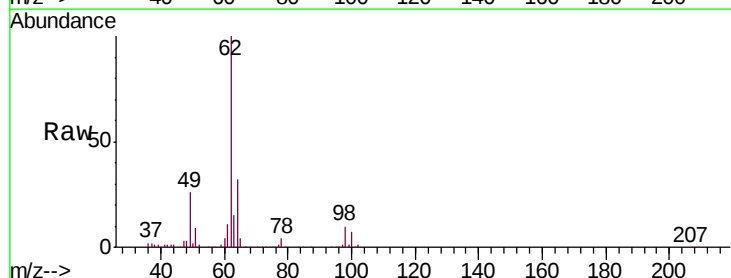
Acq: 08 Jul 2020 20:23

Tgt Ion: 62 Resp: 226368

Ion Ratio Lower Upper

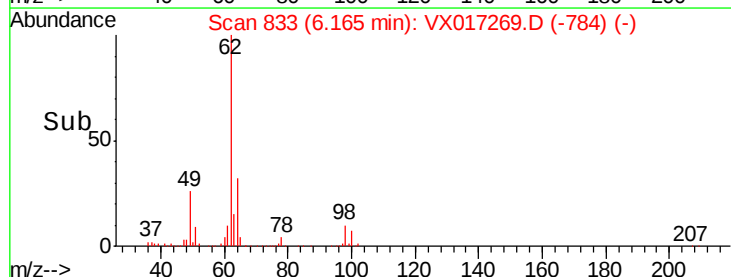
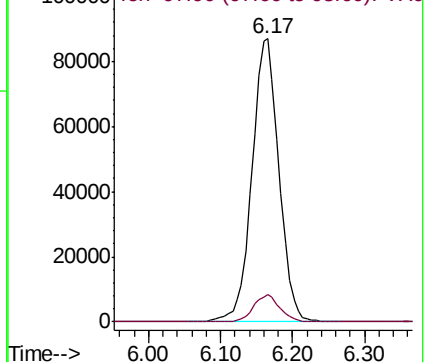
62 100

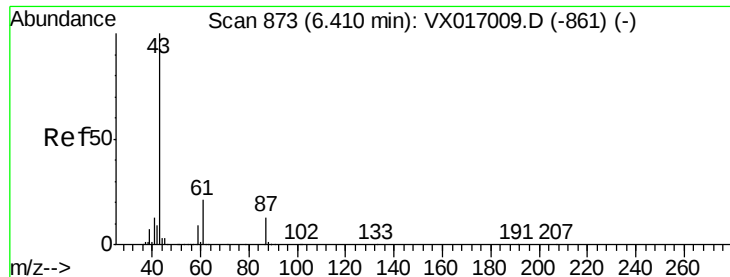
98 9.4 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.481 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MSD

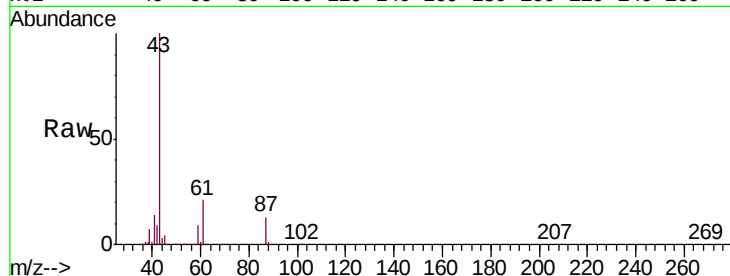
Tgt Ion: 43 Resp: 341655

Ion Ratio Lower Upper

43 100

61 20.5 16.2 24.2

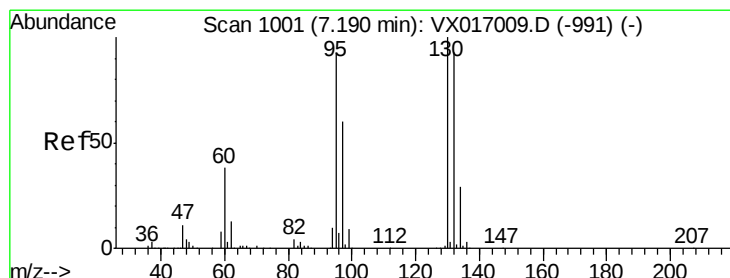
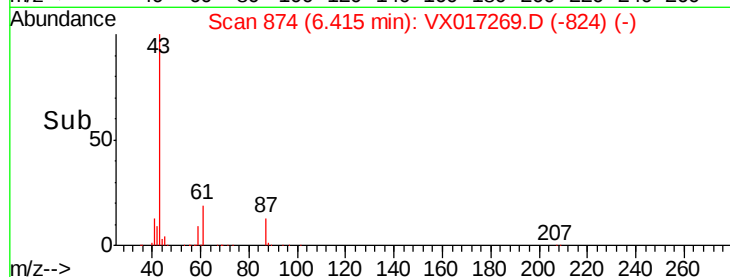
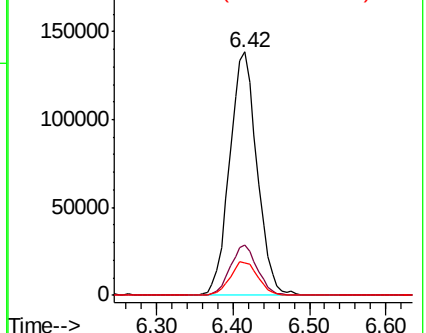
87 14.2 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 54.881 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017269.D

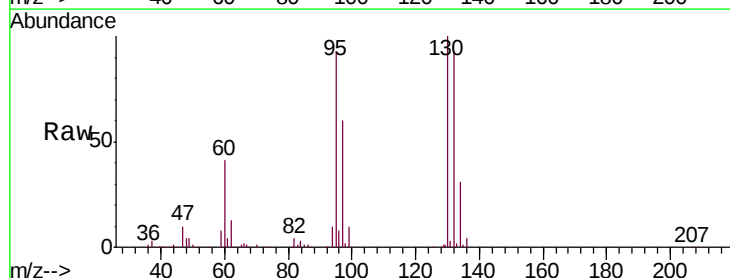
Acq: 08 Jul 2020 20:23

Tgt Ion: 130 Resp: 175053

Ion Ratio Lower Upper

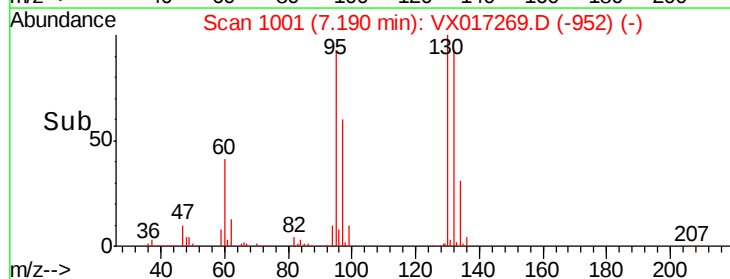
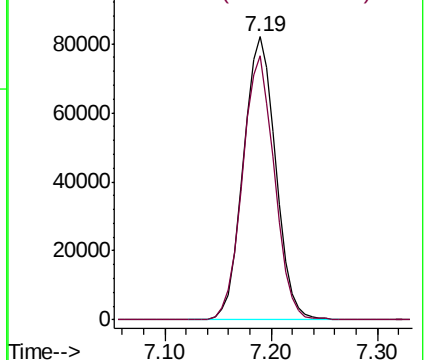
130 100

95 93.2 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

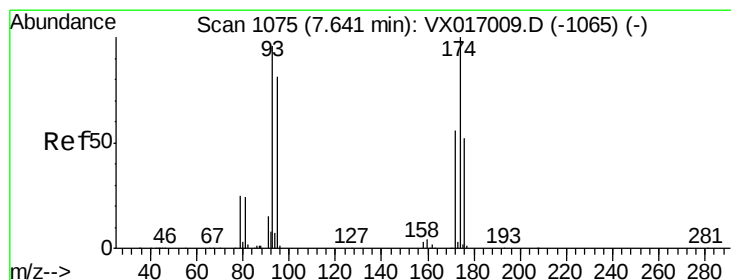
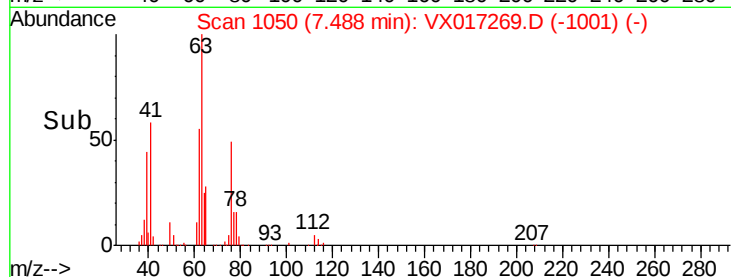
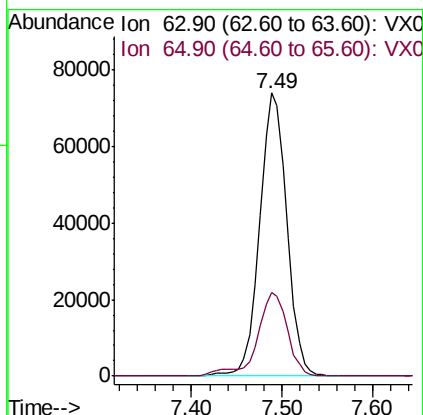
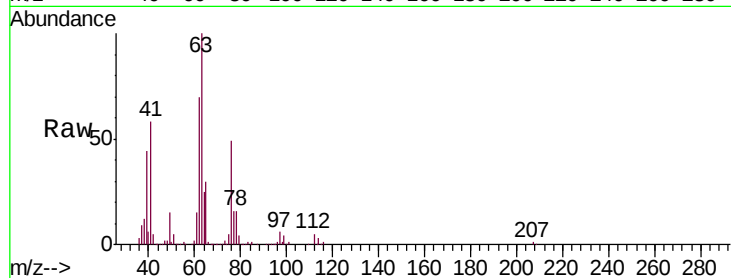




#45
 1,2-Dichloropropane
 Concen: 51.563 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017269.D
 Acq: 08 Jul 2020 20:23

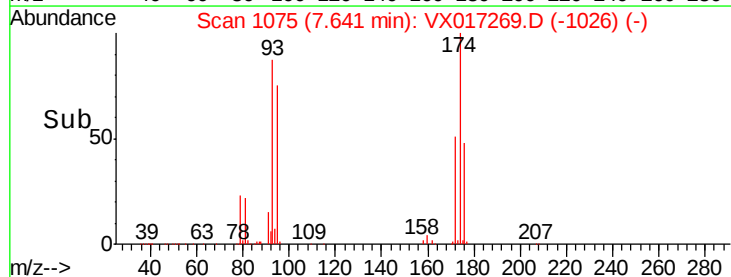
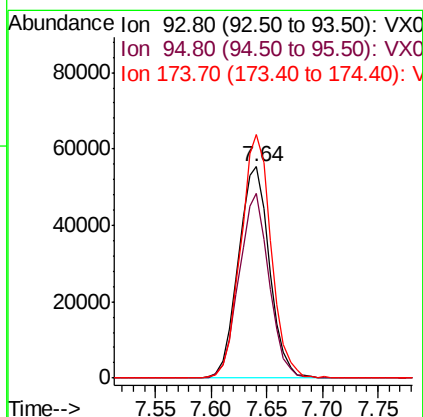
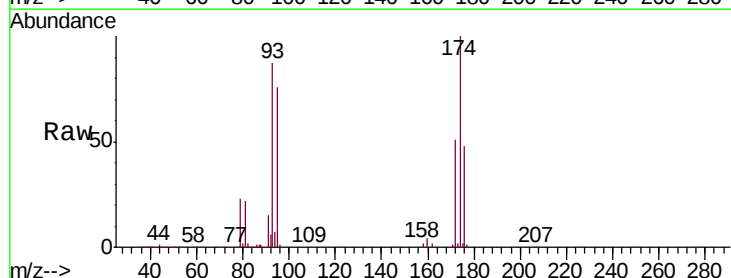
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20200630MSD

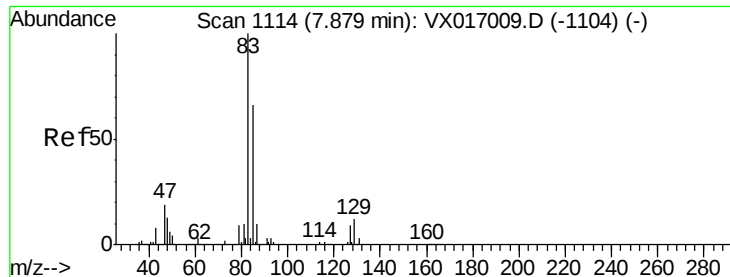
Tgt Ion: 63 Resp: 153168
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.6 36.8



#46
 Dibromomethane
 Concen: 52.884 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017269.D
 Acq: 08 Jul 2020 20:23

Tgt Ion: 93 Resp: 107249
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.4 101.0
 174 112.5 84.3 126.5





#47

Bromodichloromethane

Concen: 54.942 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MSD

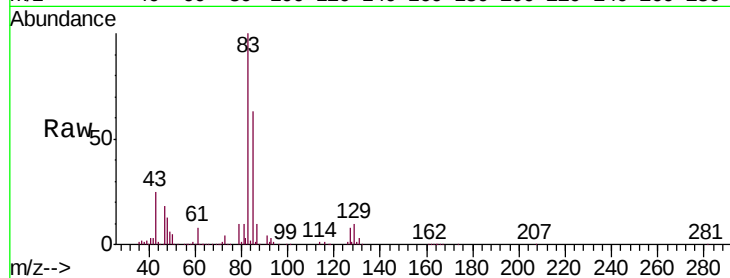
Tgt Ion: 83 Resp: 229621

Ion Ratio Lower Upper

83 100

85 63.2 53.0 79.4

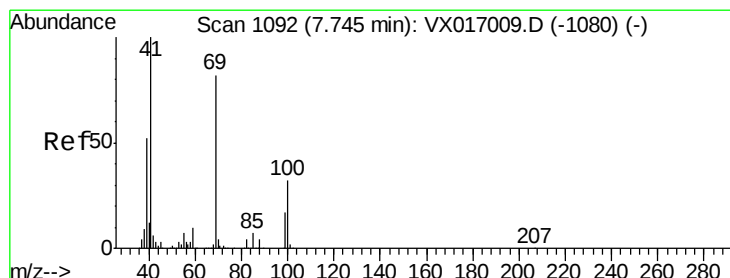
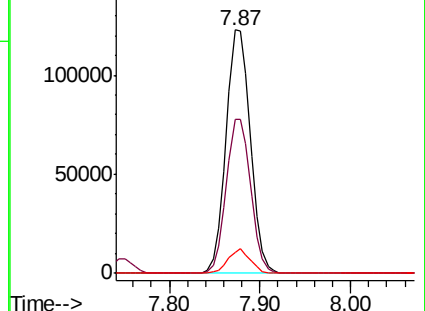
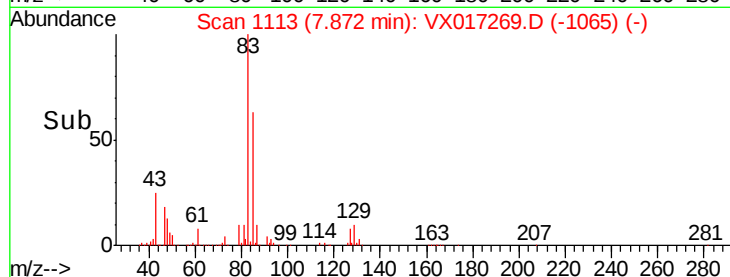
127 8.4 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.848 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

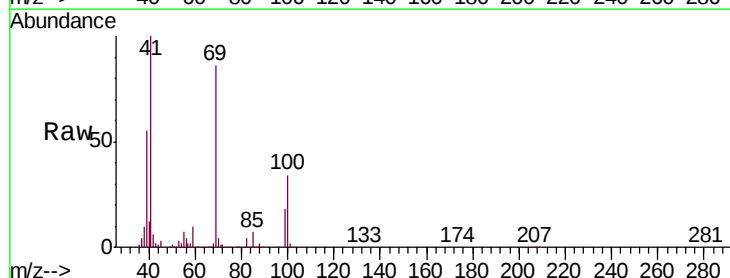
Tgt Ion: 41 Resp: 172934

Ion Ratio Lower Upper

41 100

69 85.0 65.8 98.8

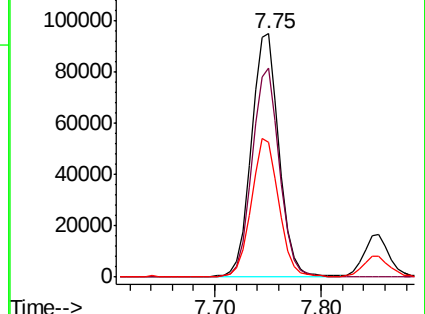
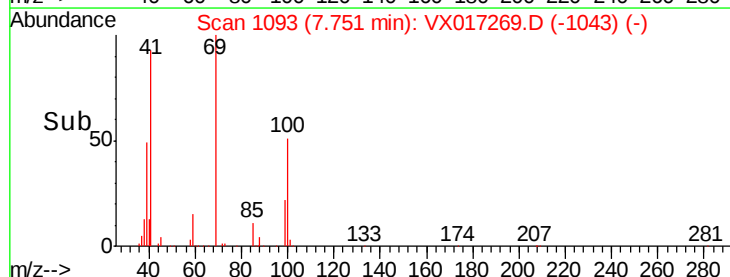
39 56.5 42.5 63.7

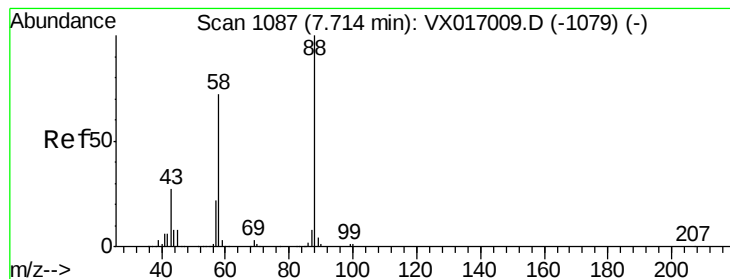


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 971.003 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MSD

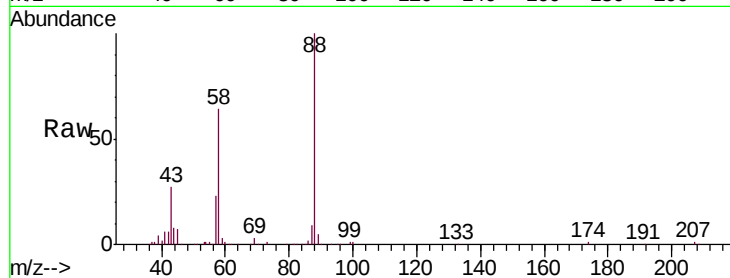
Tgt Ion: 88 Resp: 69358

Ion Ratio Lower Upper

88 100

43 32.3 25.8 38.8

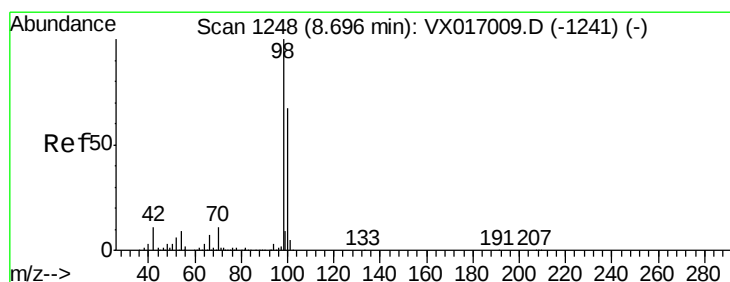
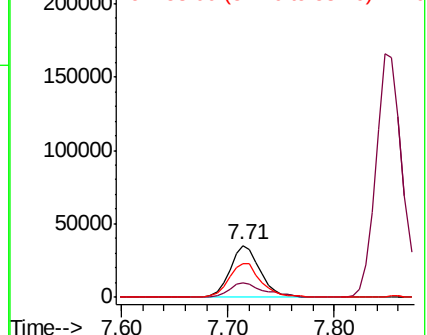
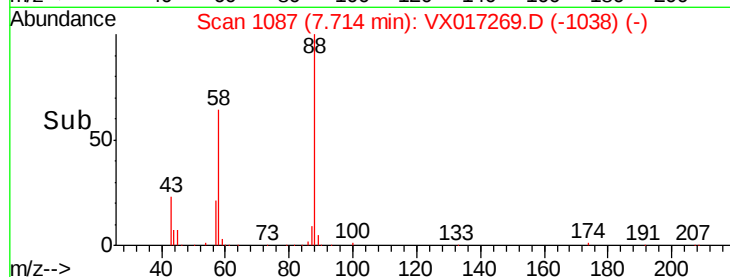
58 69.5 54.8 82.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.307 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017269.D

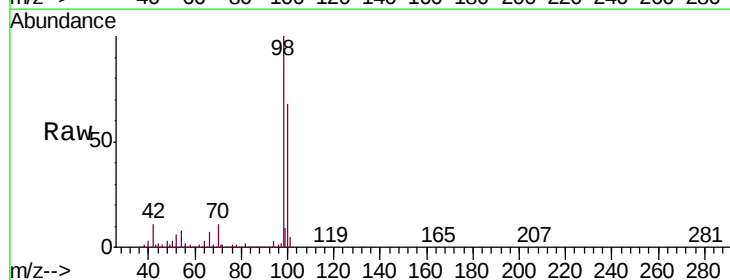
Acq: 08 Jul 2020 20:23

Tgt Ion: 98 Resp: 470608

Ion Ratio Lower Upper

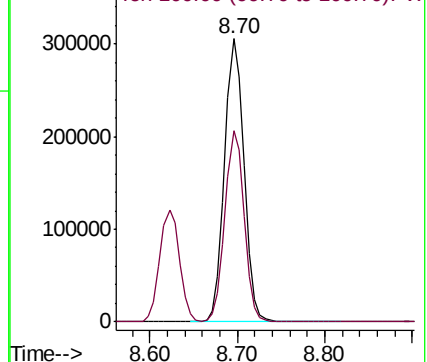
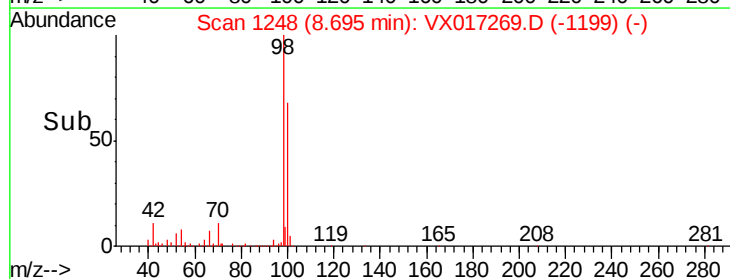
98 100

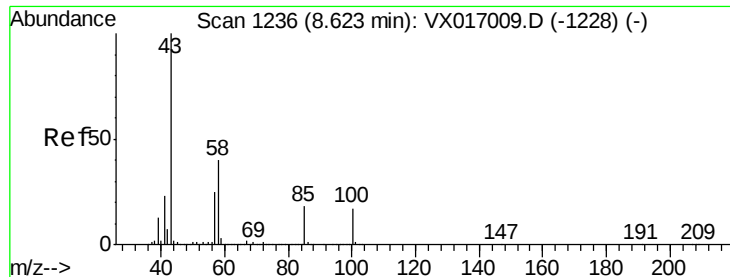
100 67.1 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

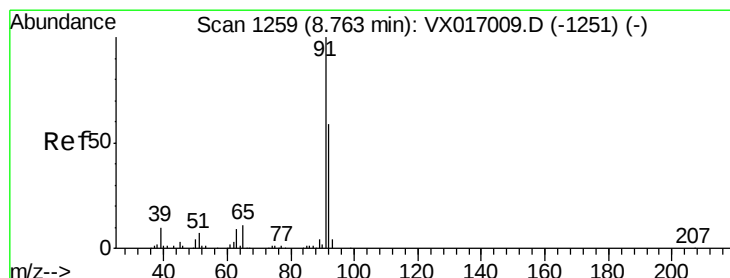
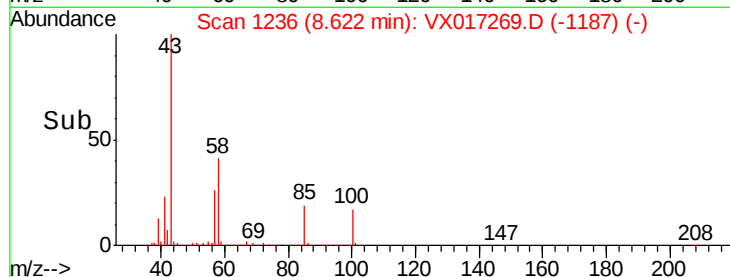
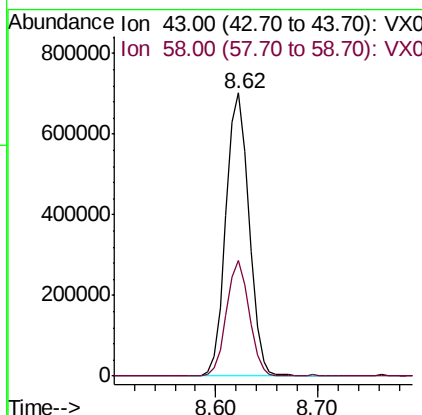
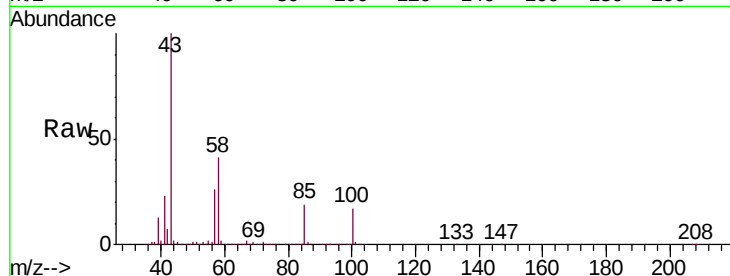




#51
 4-Methyl-2-Pentanone
 Concen: 279.659 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017269.D
 Acq: 08 Jul 2020 20:23

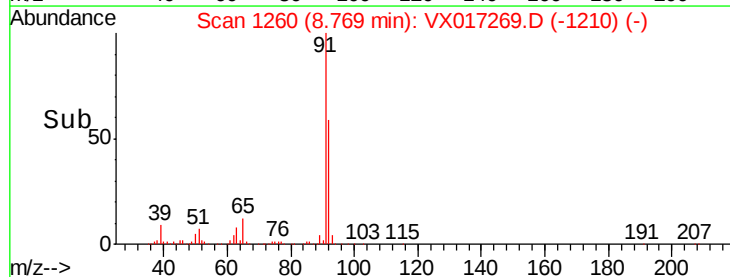
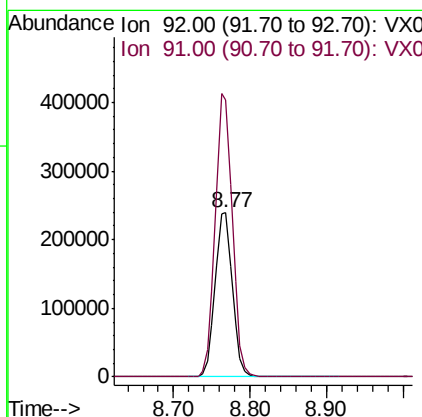
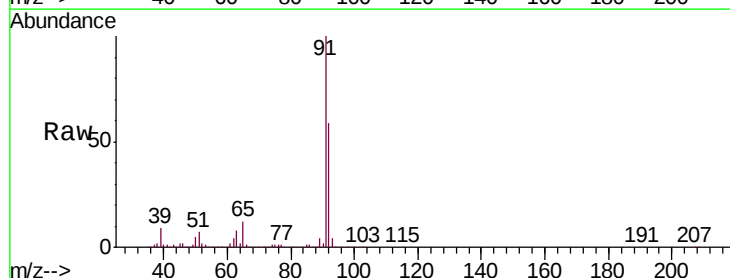
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20200630MSD

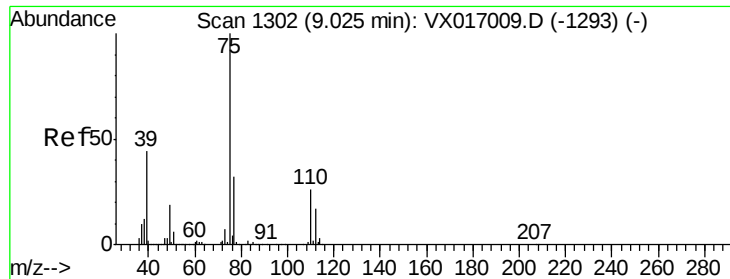
Tgt Ion: 43 Resp: 1106327
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.9 47.9



#52
 Toluene
 Concen: 52.149 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX017269.D
 Acq: 08 Jul 2020 20:23

Tgt Ion: 92 Resp: 376559
 Ion Ratio Lower Upper
 92 100
 91 170.1 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 53.866 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

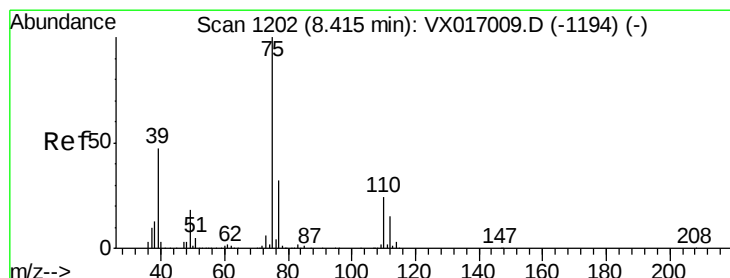
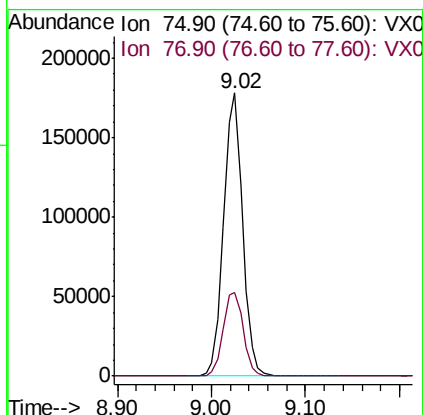
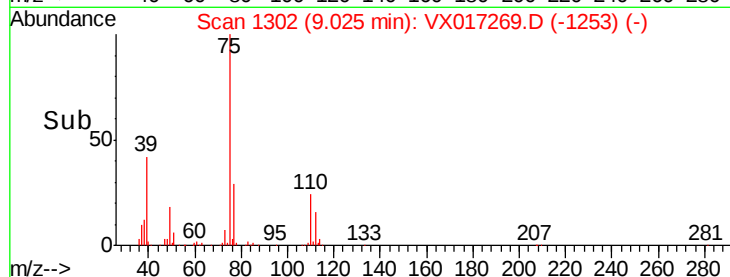
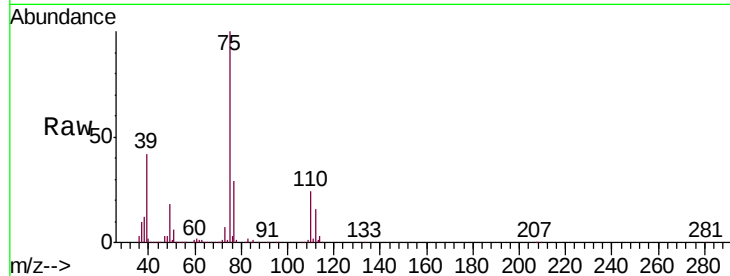
MH-117N-20200630MSD

Tgt Ion: 75 Resp: 248387

Ion Ratio Lower Upper

75 100

77 29.4 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 51.559 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

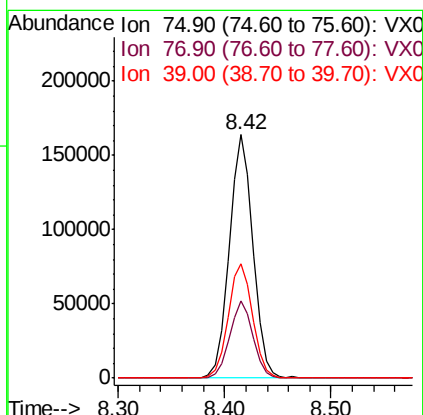
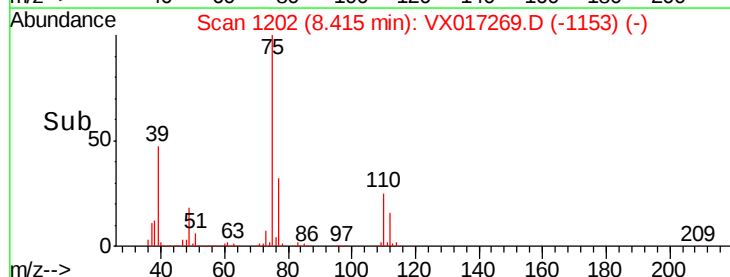
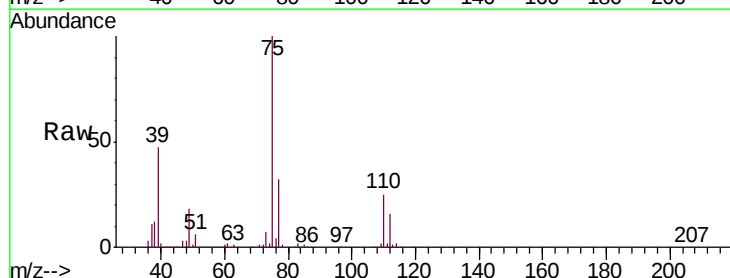
Tgt Ion: 75 Resp: 254867

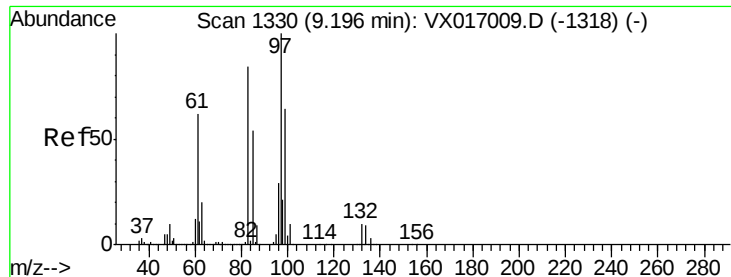
Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

39 47.0 37.4 56.2

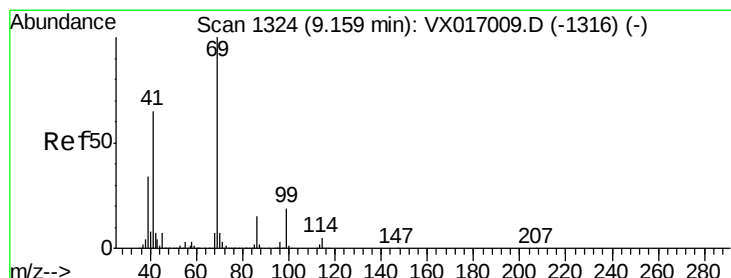
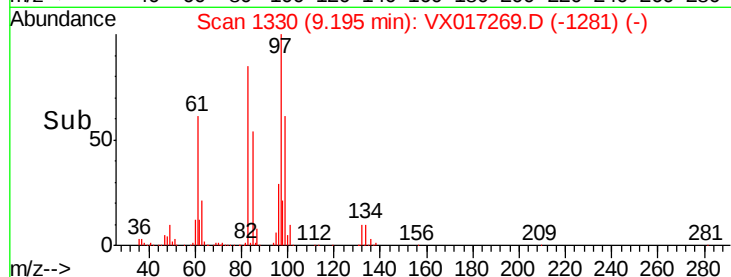
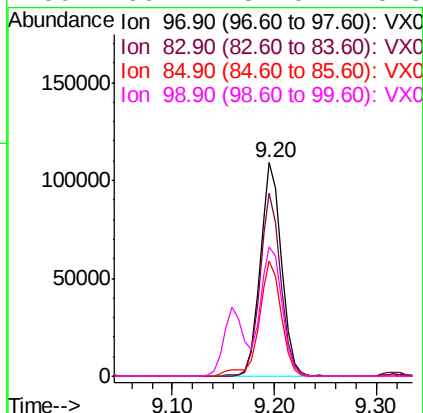
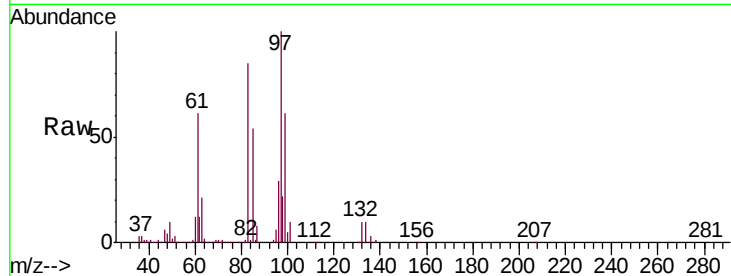




#55
 1,1,2-Trichloroethane
 Concen: 54.142 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017269.D
 Acq: 08 Jul 2020 20:23

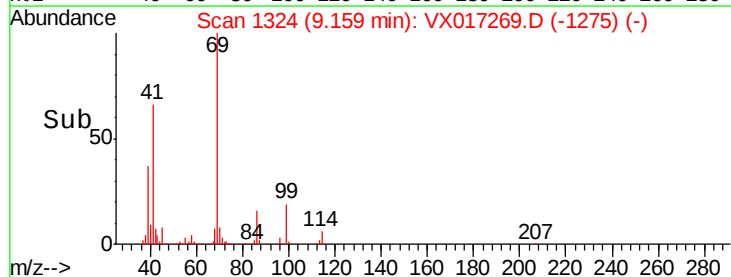
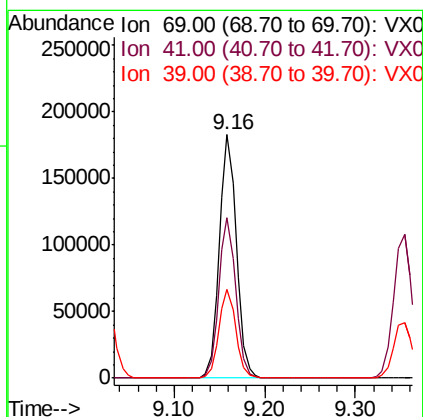
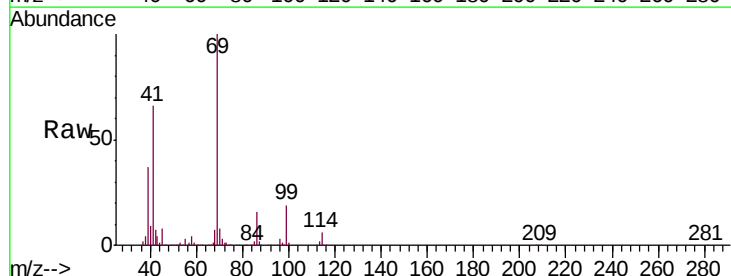
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20200630MSD

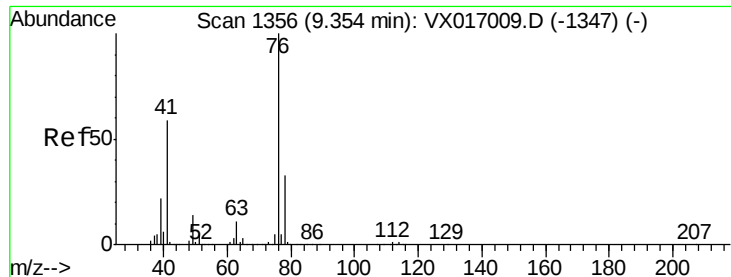
Tgt Ion:	97	Resp:	159730
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.0	100.6
85	54.2	43.5	65.3
99	60.7	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 57.503 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017269.D
 Acq: 08 Jul 2020 20:23

Tgt Ion:	69	Resp:	241463
Ion	Ratio	Lower	Upper
69	100		
41	65.4	53.6	80.4
39	36.2	28.2	42.2





#57

1,3-Dichloropropane

Concen: 53.141 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

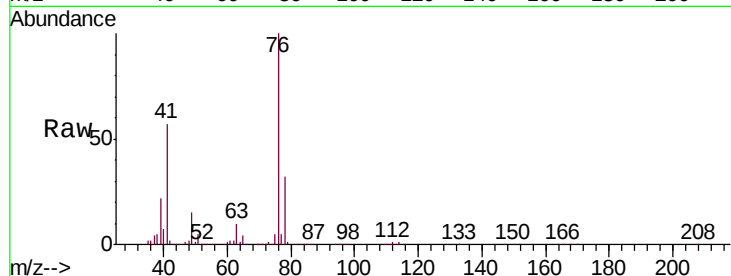
MH-117N-20200630MSD

Tgt Ion: 76 Resp: 265280

Ion Ratio Lower Upper

76 100

78 32.6 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

150000

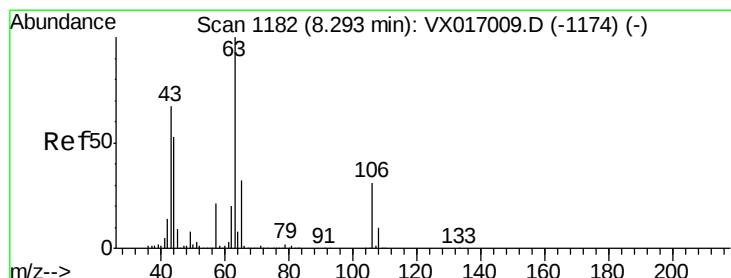
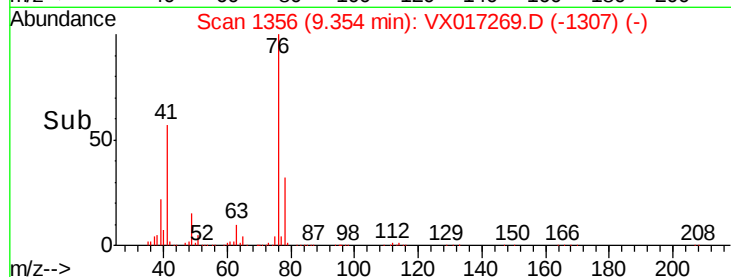
100000

50000

0

Time-->

9.30 9.40



#58

2-Chloroethyl Vinyl ether

Concen: 0.456 ug/l

RT: 8.23 min Scan# 1171

Delta R.T. -0.07 min

Lab File: VX017269.D

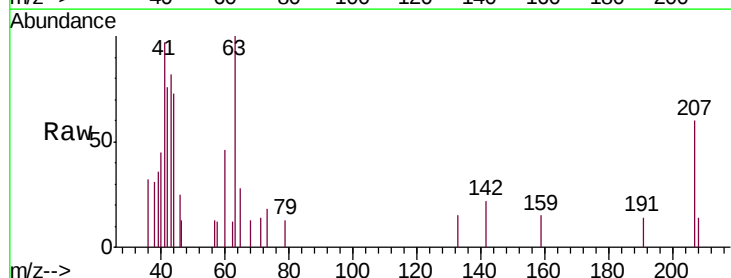
Acq: 08 Jul 2020 20:23

Tgt Ion: 63 Resp: 954

Ion Ratio Lower Upper

63 100

106 0.0 24.0 36.0#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.23

500

400

300

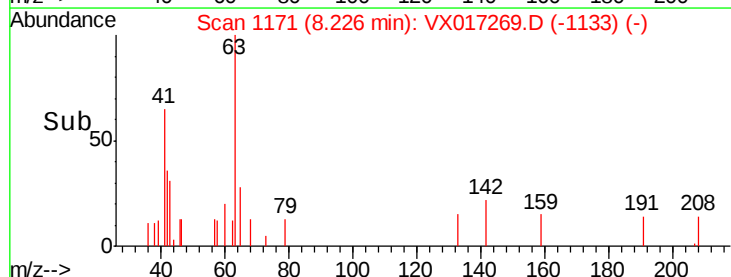
200

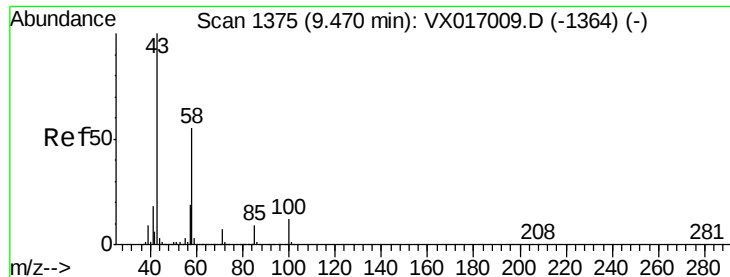
100

0

Time-->

8.15 8.20 8.25 8.30

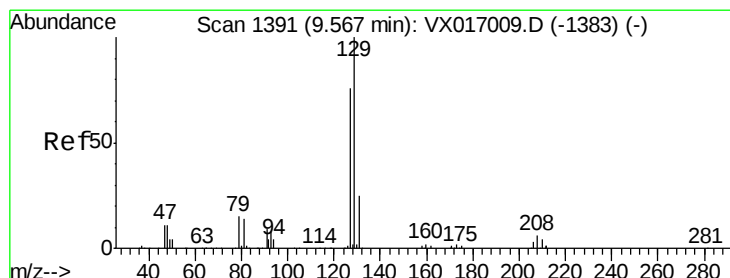
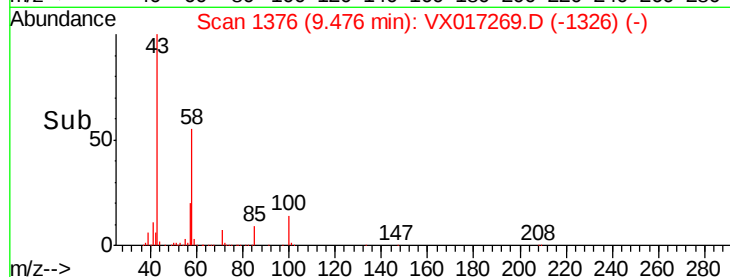
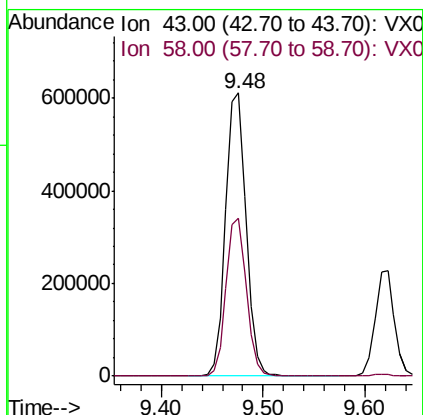
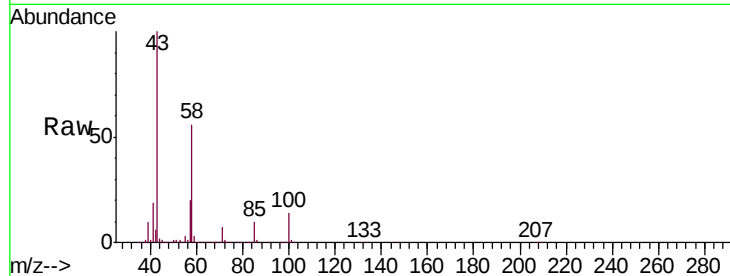




#59
2-Hexanone
Concen: 294.305 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

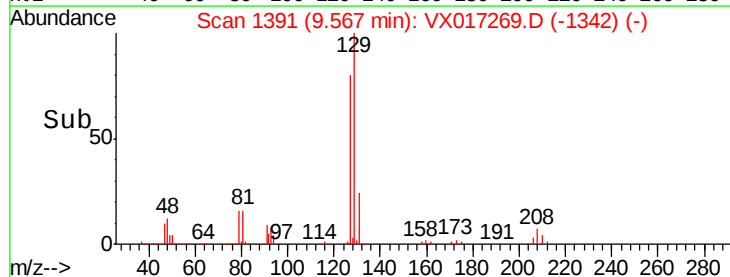
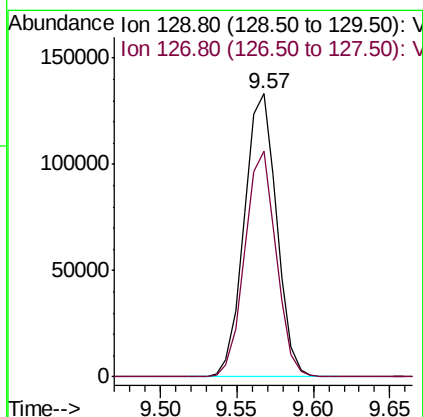
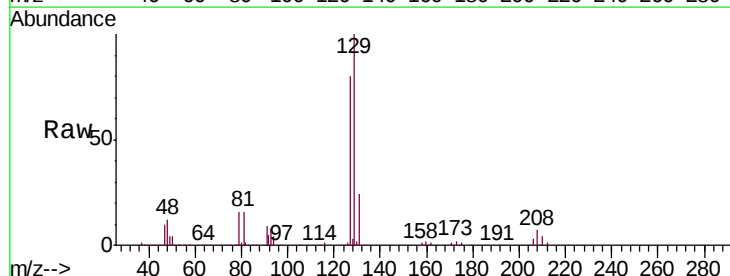
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MSD

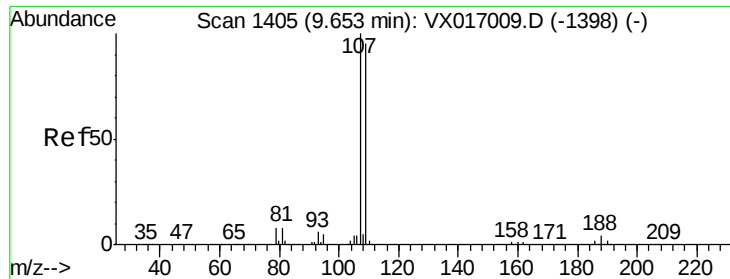
Tgt Ion: 43 Resp: 850304
Ion Ratio Lower Upper
43 100
58 55.5 27.9 83.6



#60
Dibromochloromethane
Concen: 57.238 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

Tgt Ion: 129 Resp: 196130
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.7

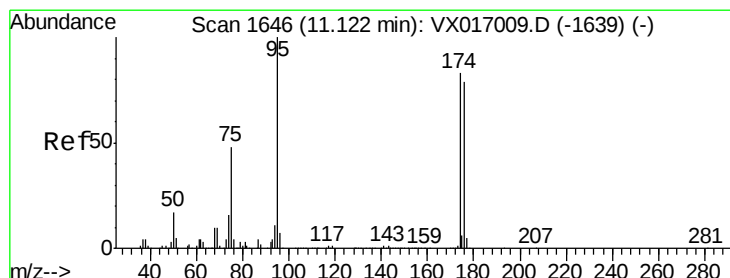
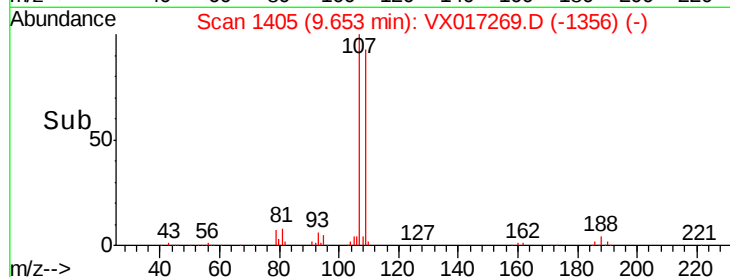
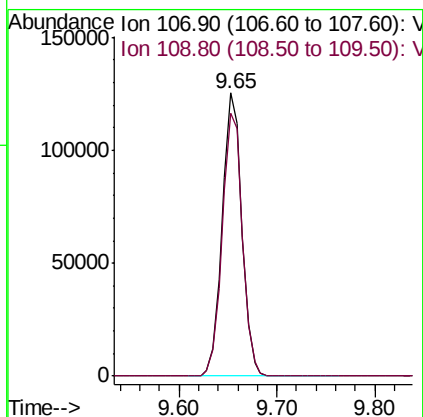
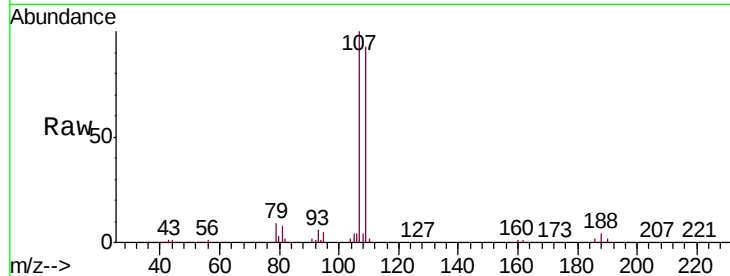




#61
 1,2-Dibromoethane
 Concen: 54.965 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017269.D
 Acq: 08 Jul 2020 20:23

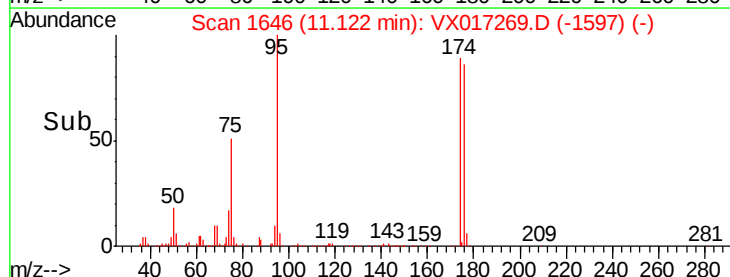
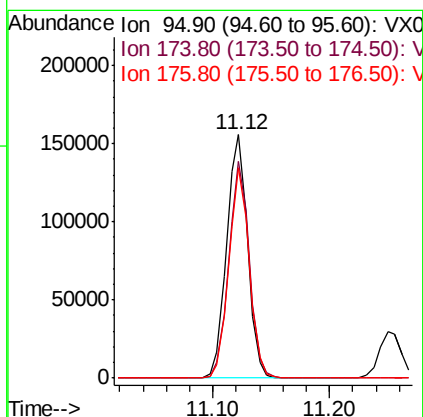
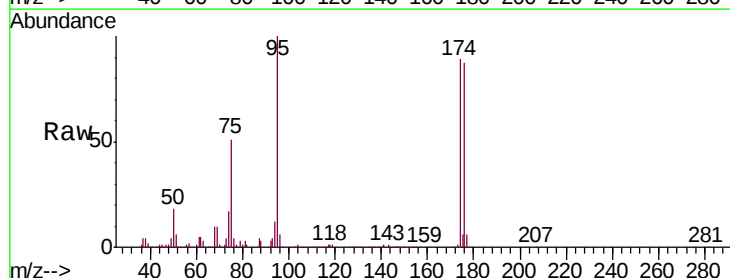
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20200630MSD

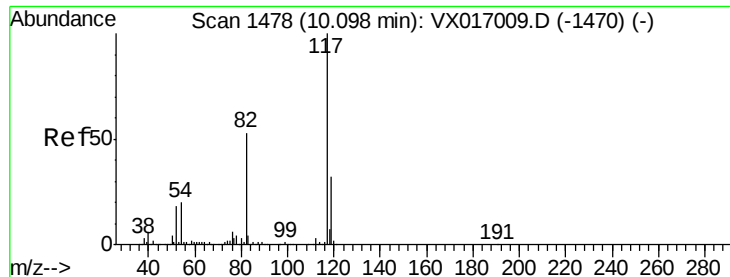
Tgt Ion: 107 Resp: 174301
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 50.924 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017269.D
 Acq: 08 Jul 2020 20:23

Tgt Ion: 95 Resp: 193932
 Ion Ratio Lower Upper
 95 100
 174 87.2 0.0 164.0
 176 84.1 0.0 157.6

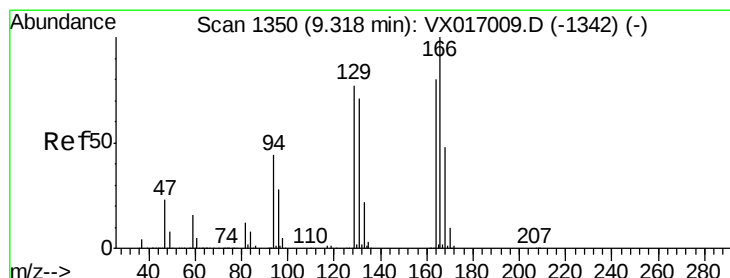
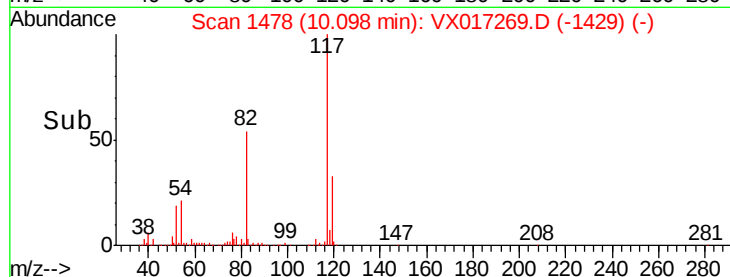
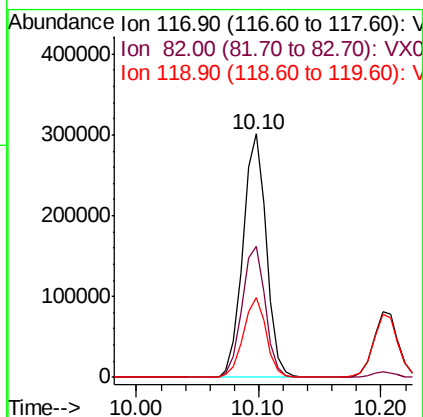
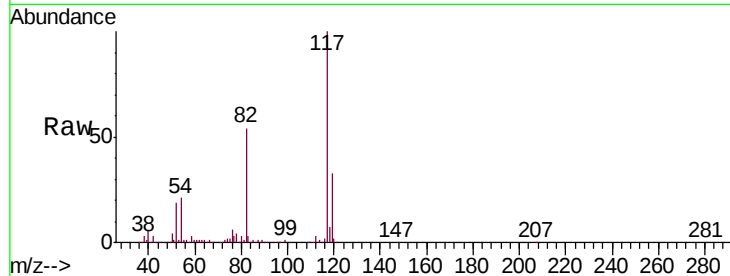




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

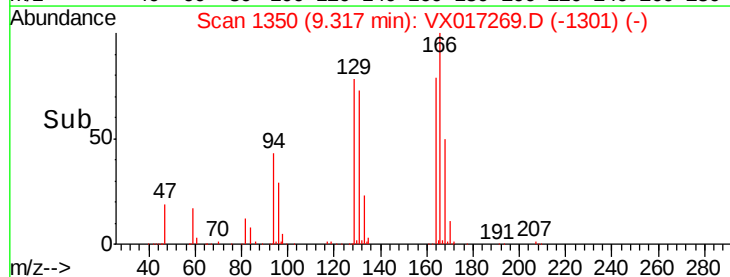
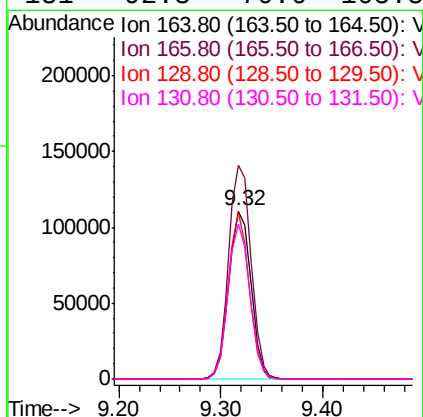
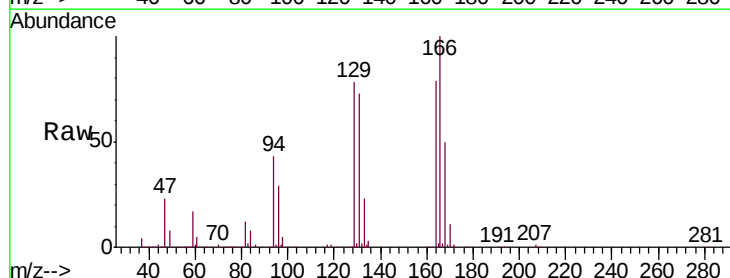
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MSD

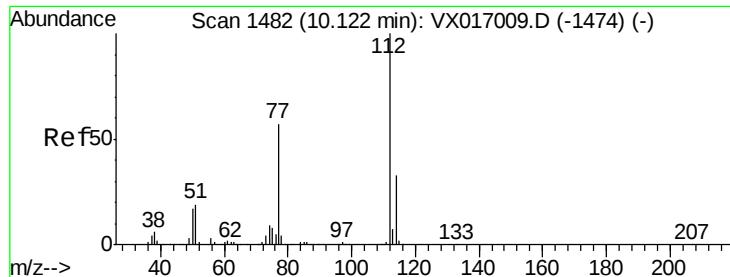
Tgt Ion:117 Resp: 397931
Ion Ratio Lower Upper
117 100
82 53.9 42.6 63.8
119 32.7 25.4 38.2



#64
Tetrachloroethene
Concen: 51.413 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

Tgt Ion:164 Resp: 165116
Ion Ratio Lower Upper
164 100
166 127.2 99.4 149.0
129 99.0 76.3 114.5
131 92.3 70.6 105.8

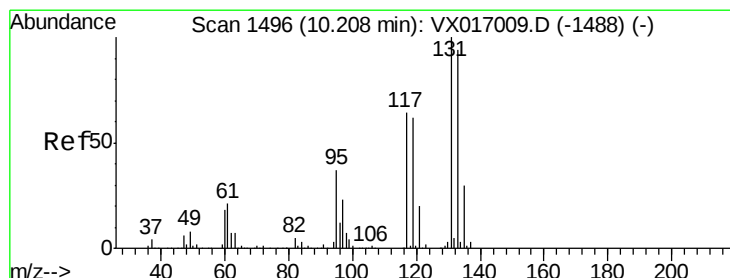
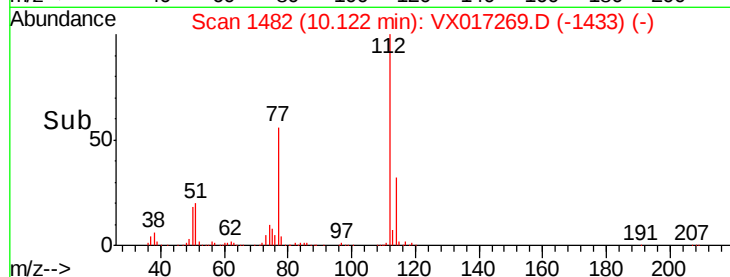
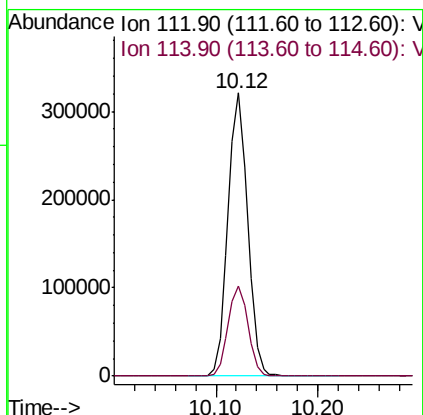
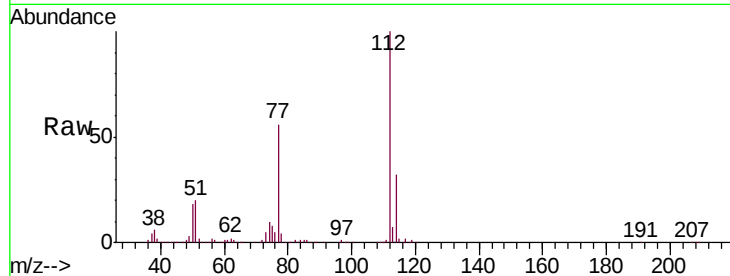




#65
Chlorobenzene
Concen: 52.106 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

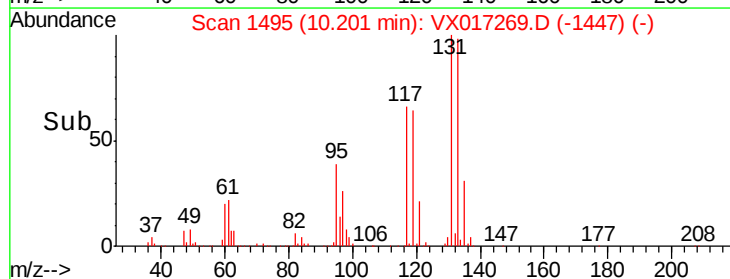
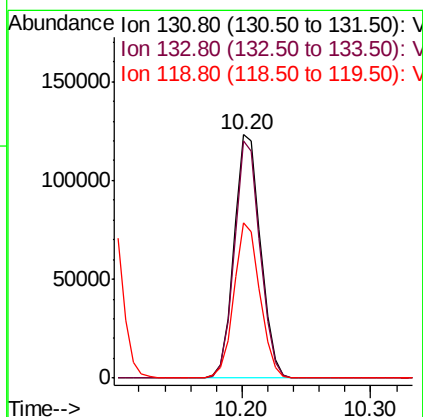
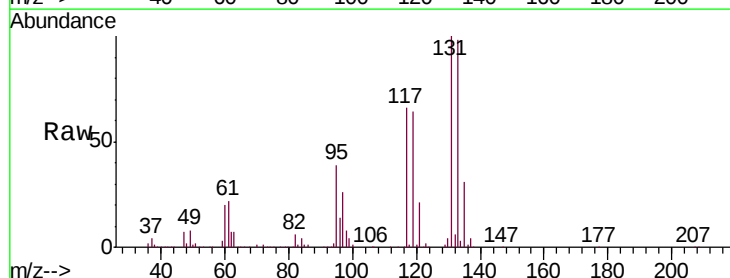
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MSD

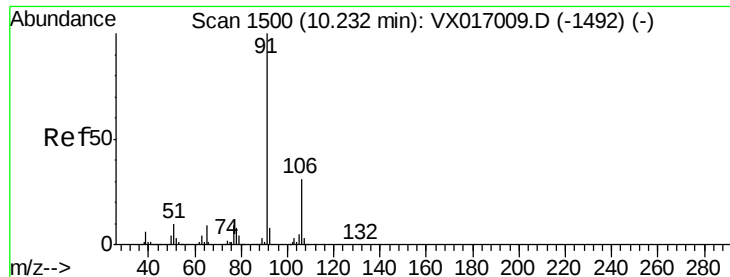
Tgt Ion:112 Resp: 427943
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.519 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

Tgt Ion:131 Resp: 175729
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.9
119 62.6 31.9 95.5

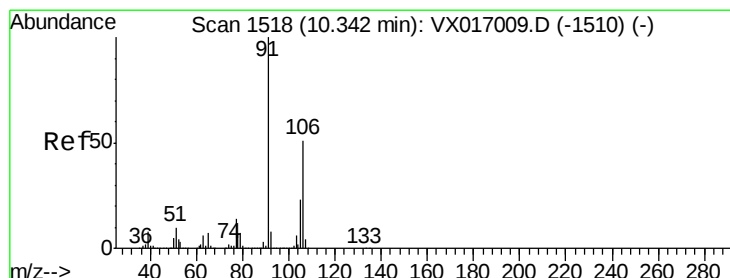
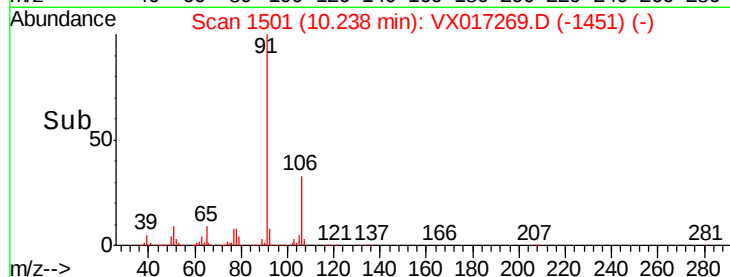
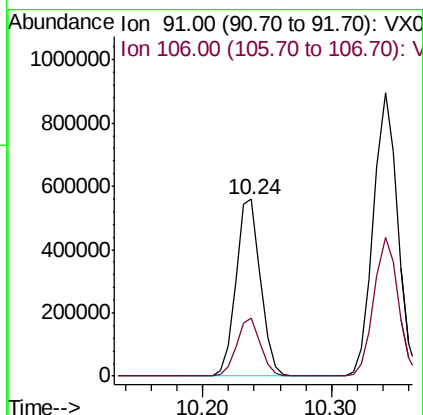
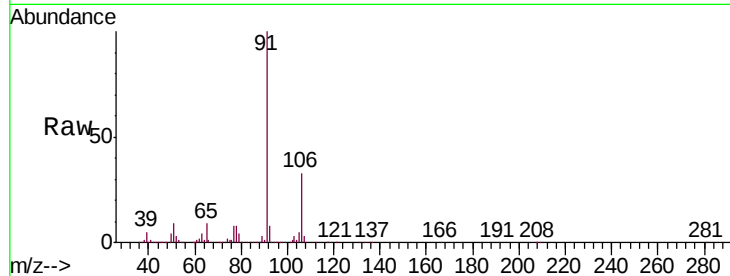




#67
Ethyl Benzene
Concen: 54.054 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

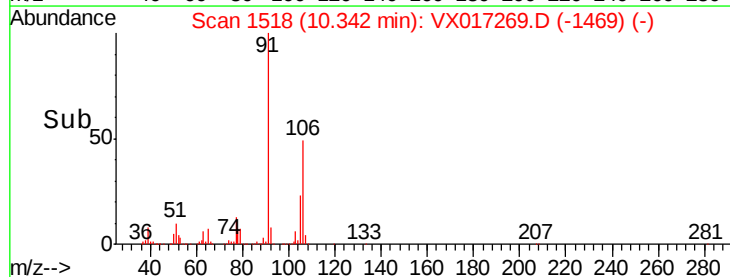
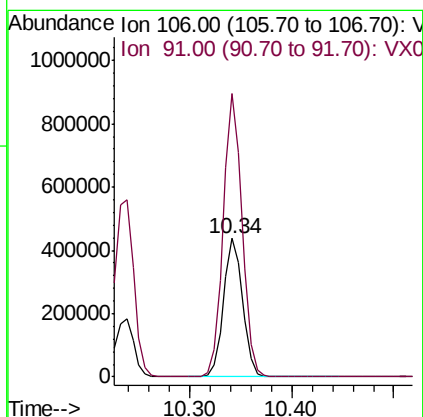
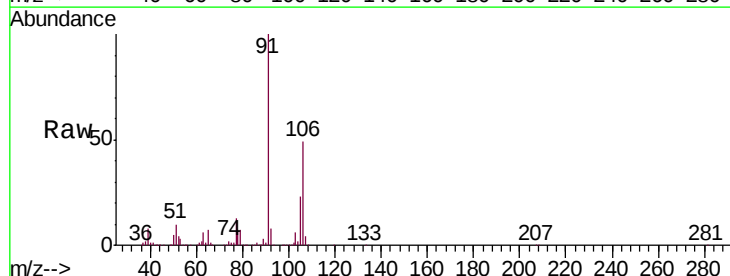
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MSD

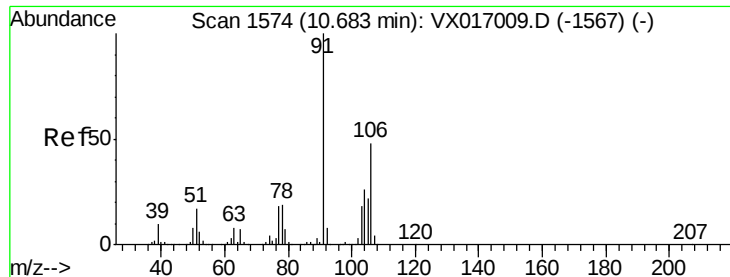
Tgt Ion: 91 Resp: 741399
Ion Ratio Lower Upper
91 100
106 32.6 24.7 37.1



#68
m/p-Xylenes
Concen: 108.074 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

Tgt Ion: 106 Resp: 569166
Ion Ratio Lower Upper
106 100
91 202.3 158.6 238.0

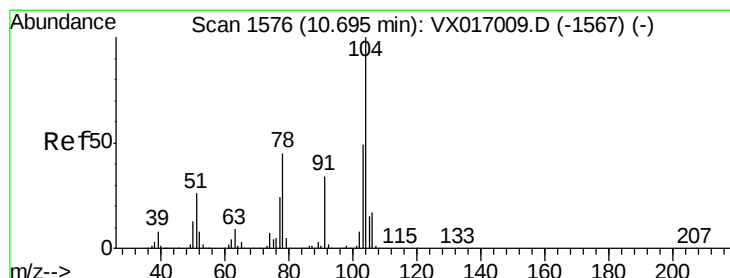
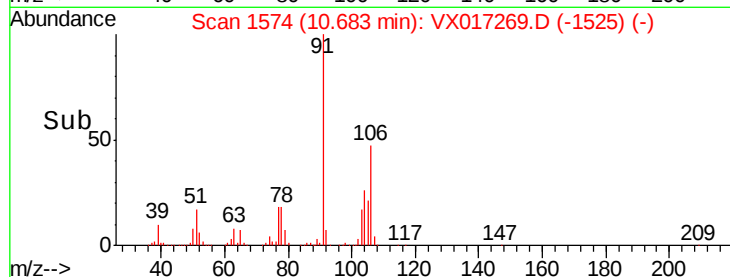
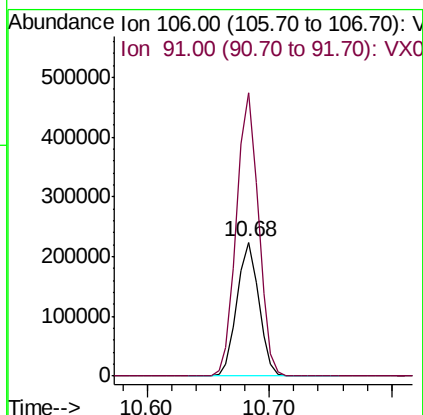
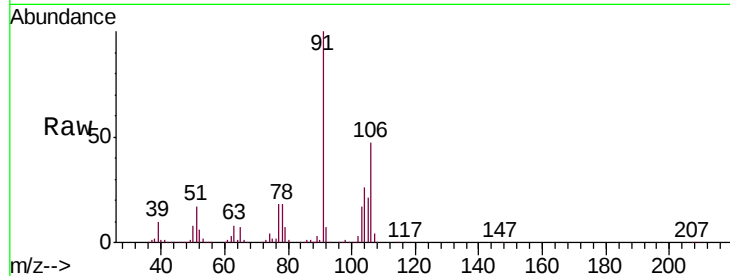




#69
o-Xylene
Concen: 55.315 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

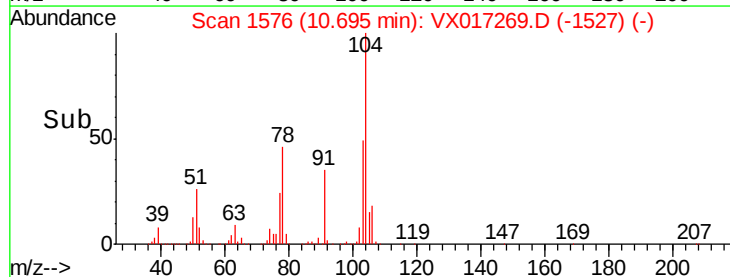
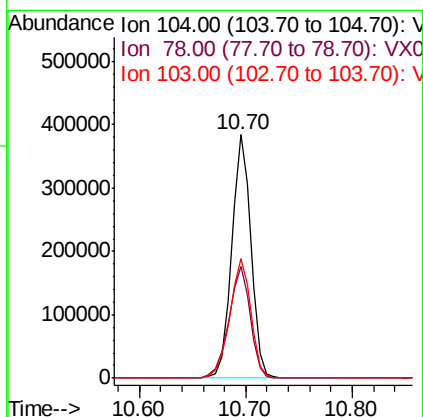
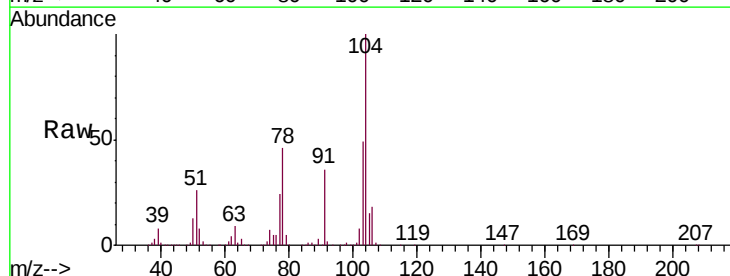
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MSD

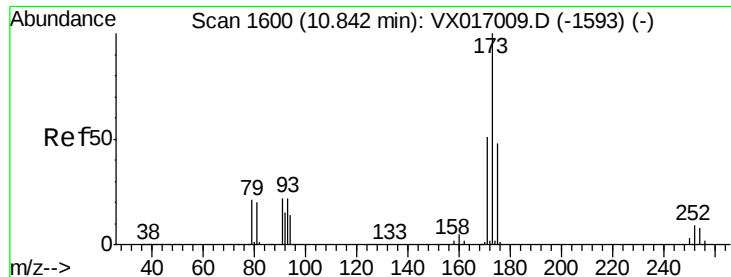
Tgt Ion:106 Resp: 277127
Ion Ratio Lower Upper
106 100
91 212.4 105.6 316.7



#70
Styrene
Concen: 57.114 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

Tgt Ion:104 Resp: 487264
Ion Ratio Lower Upper
104 100
78 50.9 39.5 59.3
103 53.7 43.0 64.6





#71

Bromoform

Concen: 61.861 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MSD

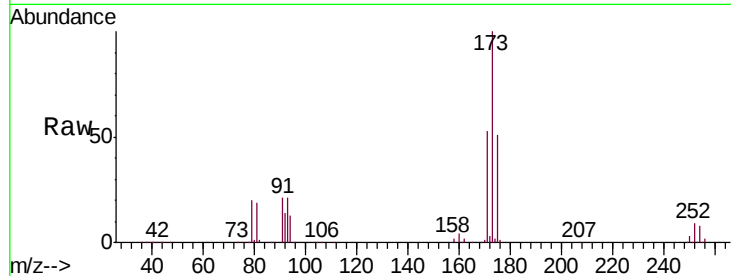
Tgt Ion:173 Resp: 155271

Ion Ratio Lower Upper

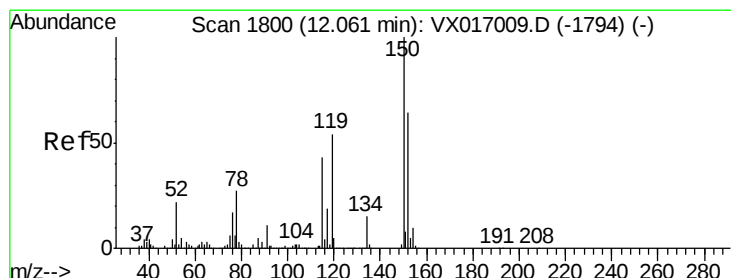
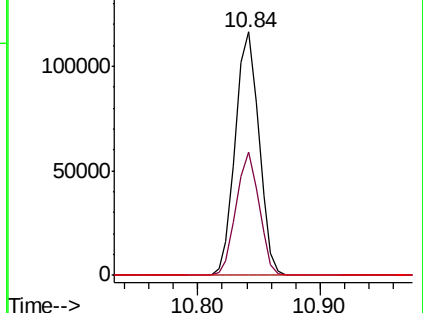
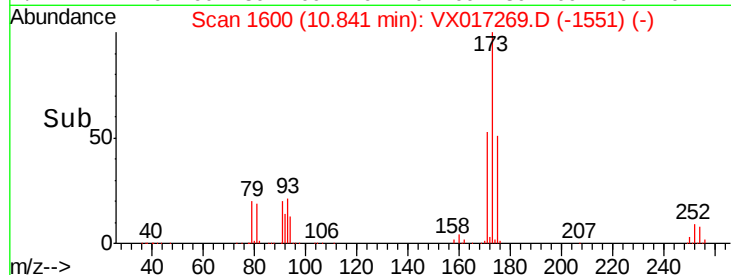
173 100

175 49.3 24.5 73.5

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

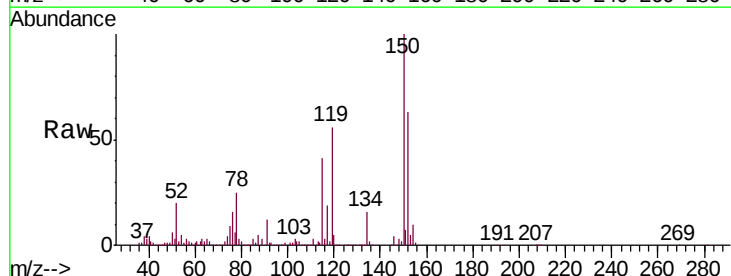
Tgt Ion:152 Resp: 224258

Ion Ratio Lower Upper

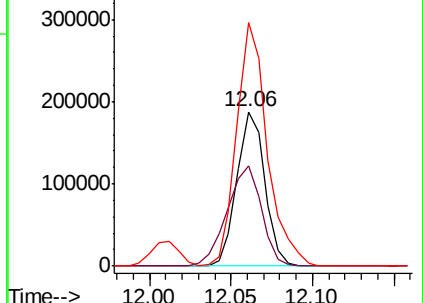
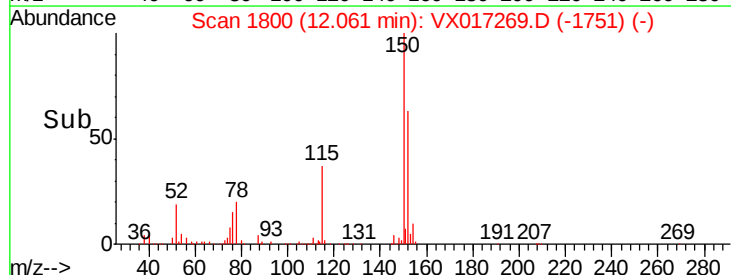
152 100

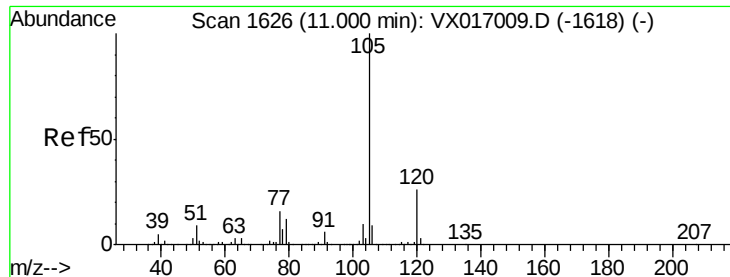
115 79.7 40.9 122.7

150 172.8 0.0 351.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.329 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

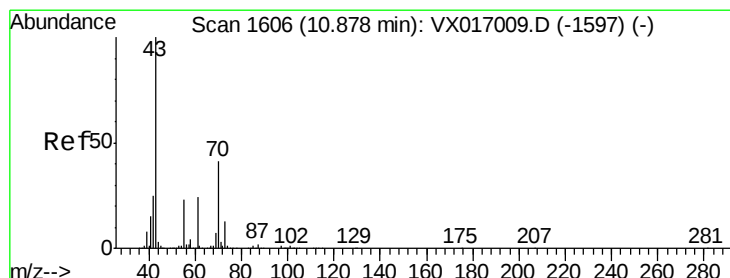
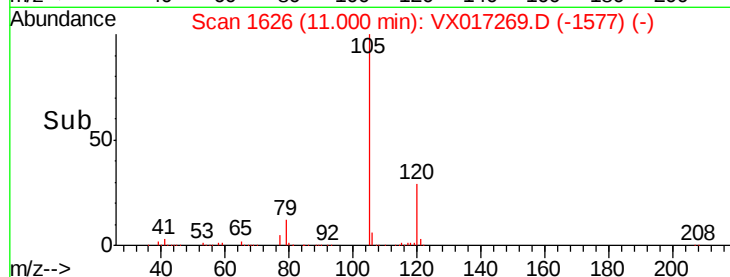
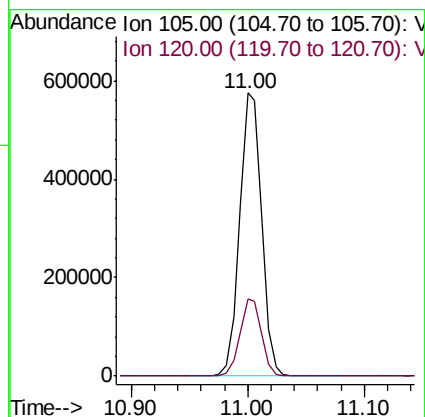
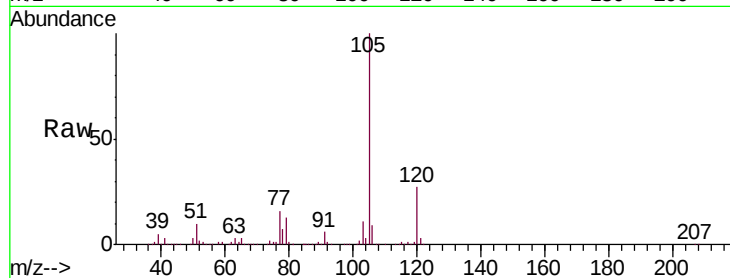
MH-117N-20200630MSD

Tgt Ion:105 Resp: 753980

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.2



#74

N-ethyl acetate

Concen: 49.727 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

Tgt Ion: 43 Resp: 311677

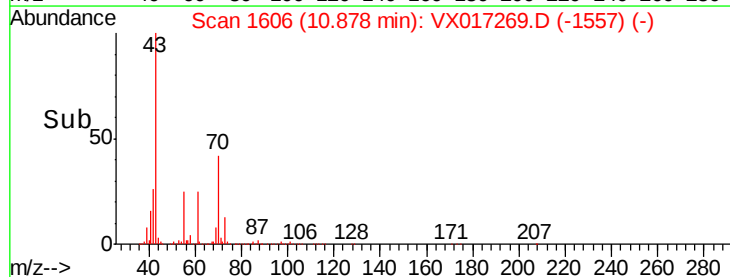
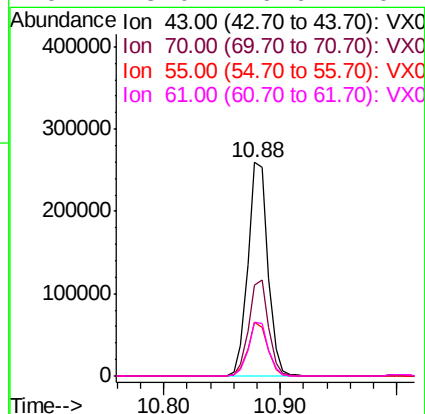
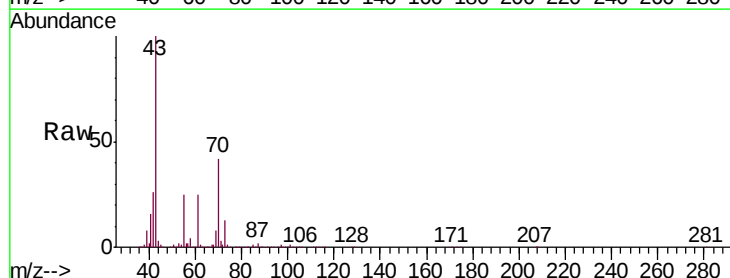
Ion Ratio Lower Upper

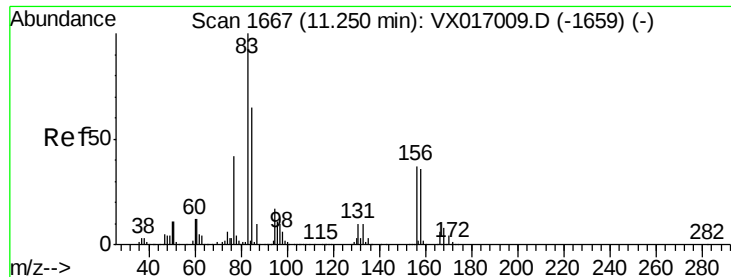
43 100

70 44.3 34.2 51.2

55 24.7 19.2 28.8

61 25.0 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.686 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MSD

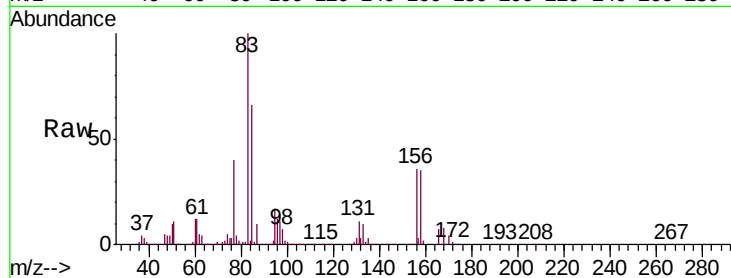
Tgt Ion: 83 Resp: 234198

Ion Ratio Lower Upper

83 100

131 11.1 5.4 16.2

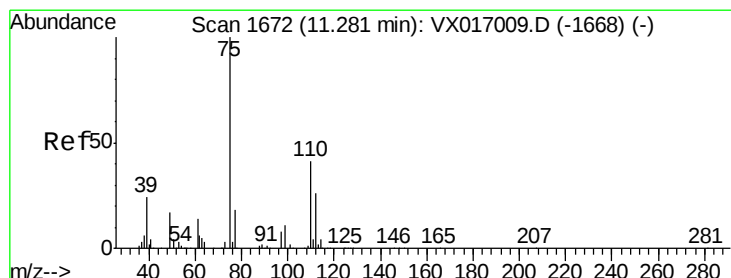
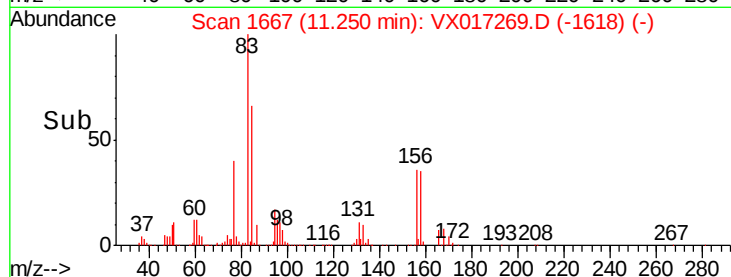
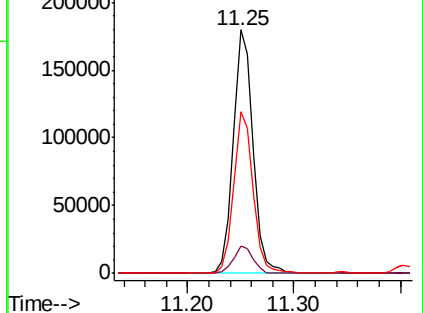
85 65.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.903 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017269.D

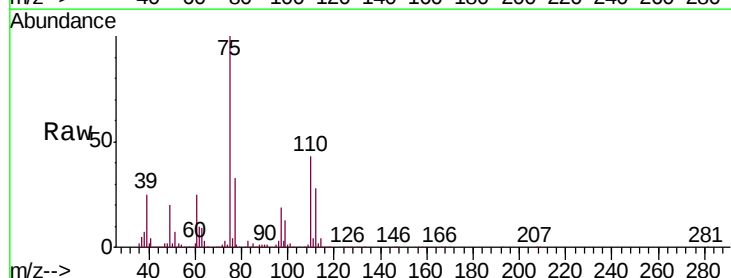
Acq: 08 Jul 2020 20:23

Tgt Ion: 75 Resp: 295034

Ion Ratio Lower Upper

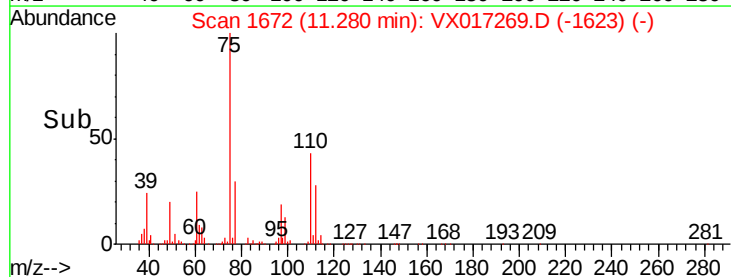
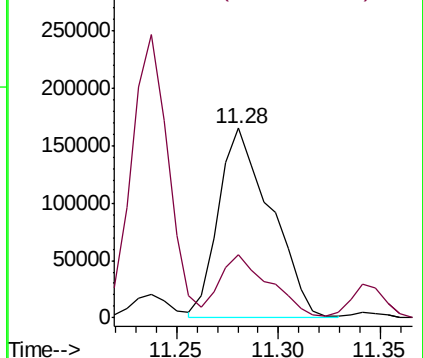
75 100

77 31.6 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.615 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MSD

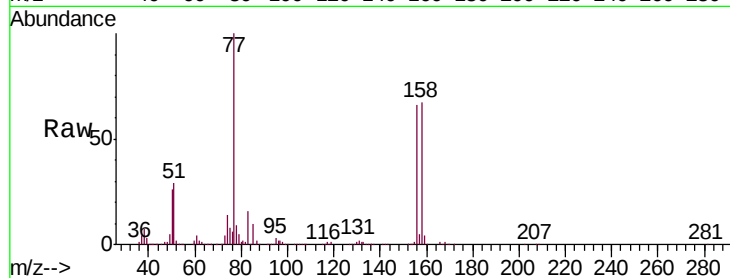
Tgt Ion: 156 Resp: 208375

Ion Ratio Lower Upper

156 100

77 148.8 76.9 230.7

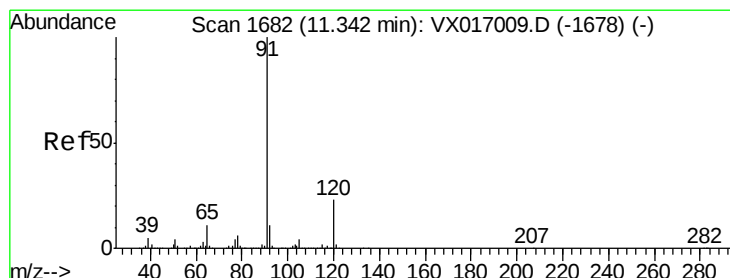
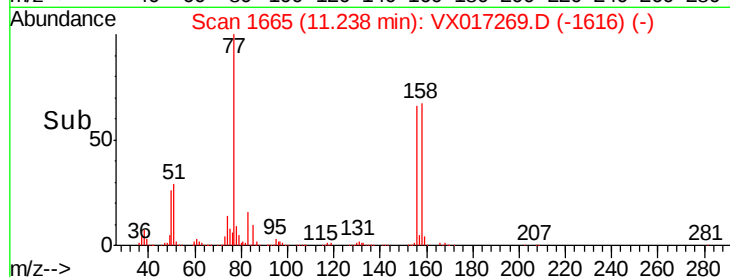
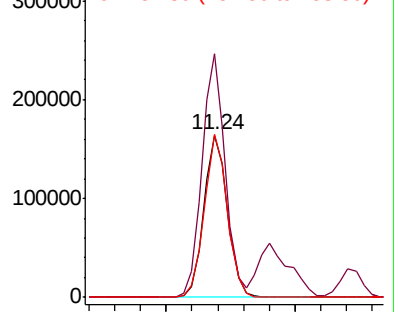
158 98.4 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.934 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017269.D

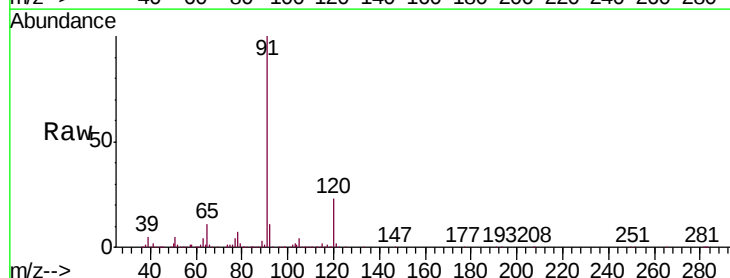
Acq: 08 Jul 2020 20:23

Tgt Ion: 91 Resp: 846067

Ion Ratio Lower Upper

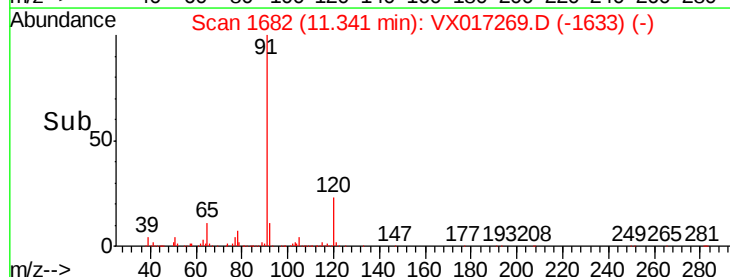
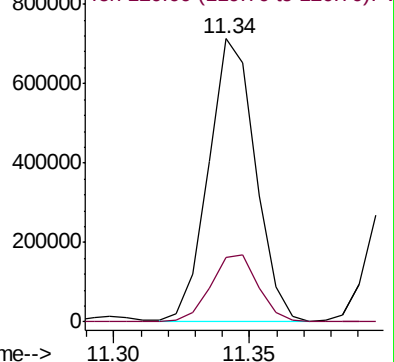
91 100

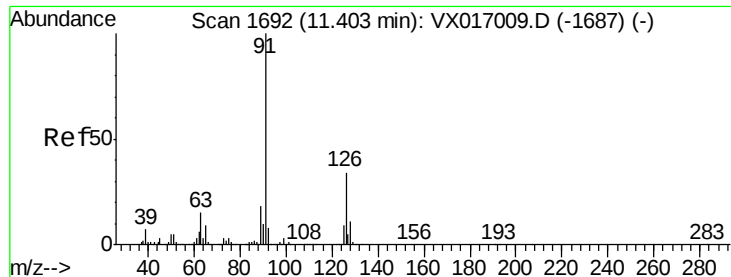
120 24.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

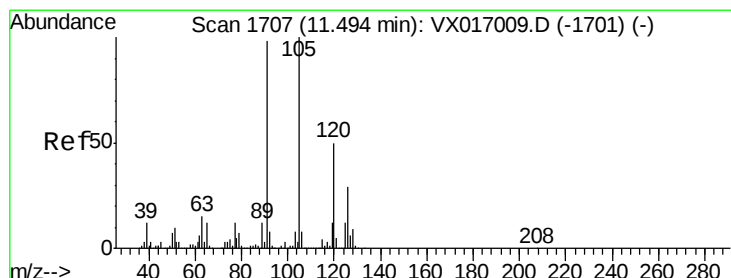
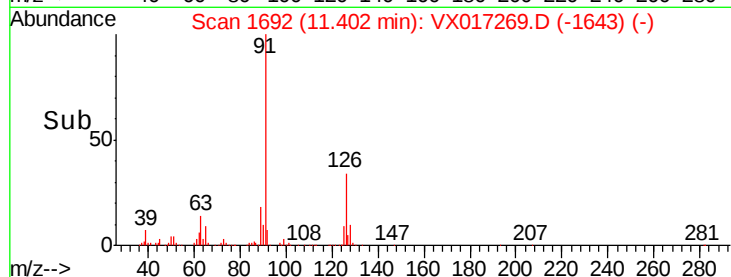
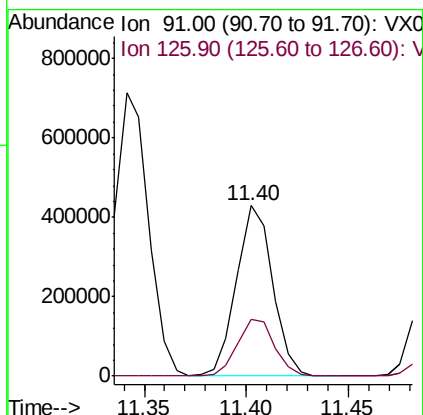
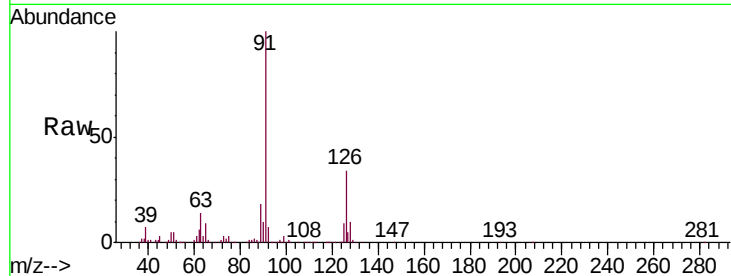




#79
2-Chlorotoluene
Concen: 52.426 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

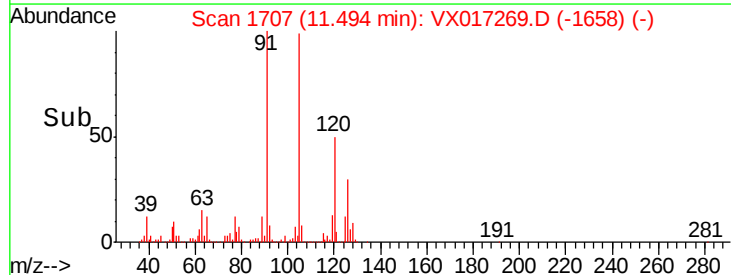
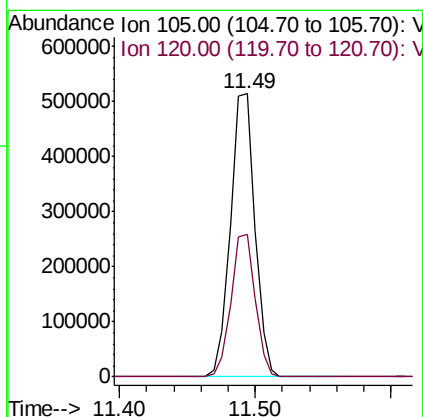
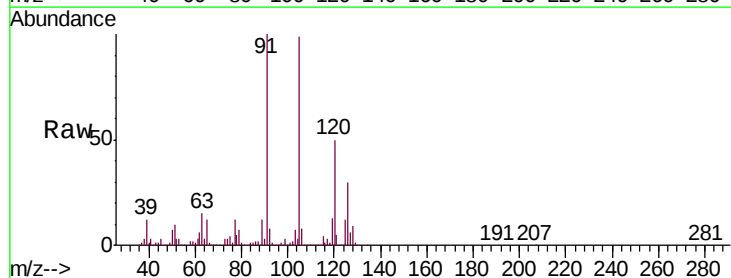
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MSD

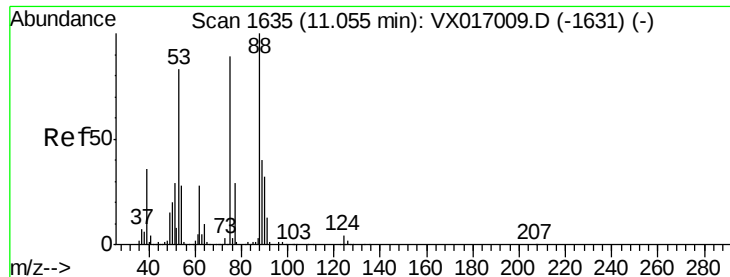
Tgt Ion: 91 Resp: 527049
Ion Ratio Lower Upper
91 100
126 34.5 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 52.763 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

Tgt Ion: 105 Resp: 642880
Ion Ratio Lower Upper
105 100
120 49.8 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 49.375 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017269.D

Acq: 08 Jul 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MSD

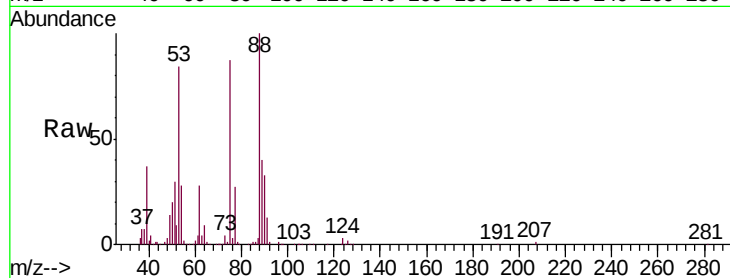
Tgt Ion: 75 Resp: 84080

Ion Ratio Lower Upper

75 100

53 96.5 72.4 108.6

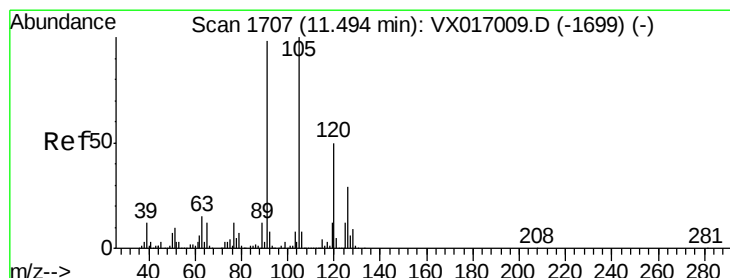
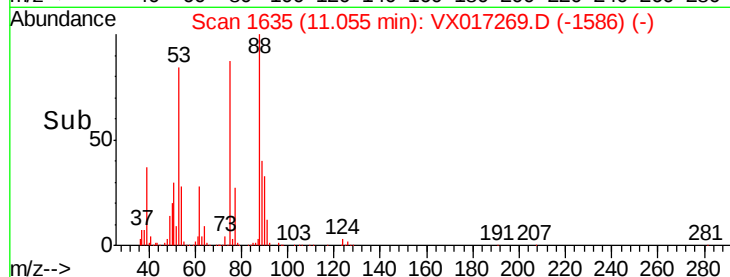
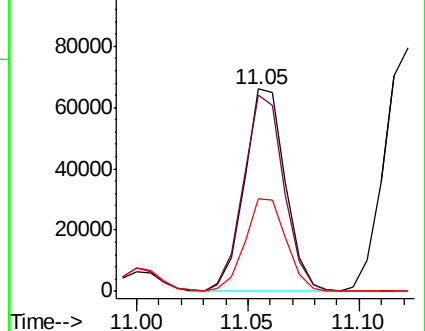
89 46.4 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.920 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017269.D

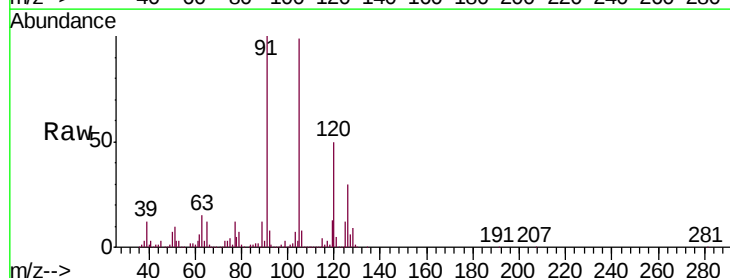
Acq: 08 Jul 2020 20:23

Tgt Ion: 91 Resp: 623972

Ion Ratio Lower Upper

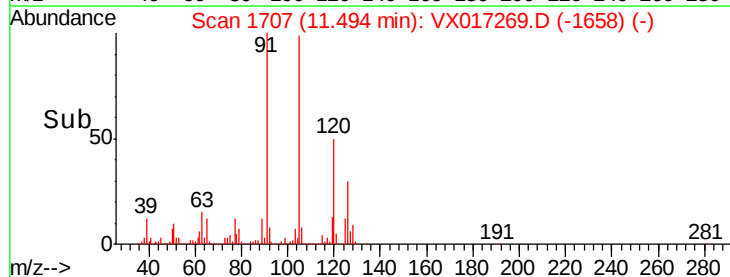
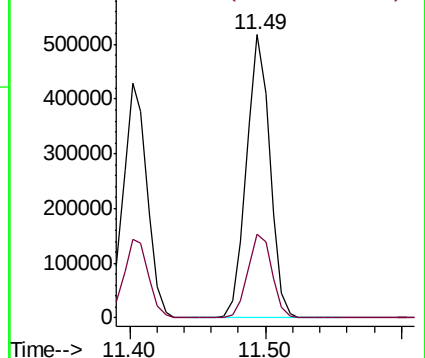
91 100

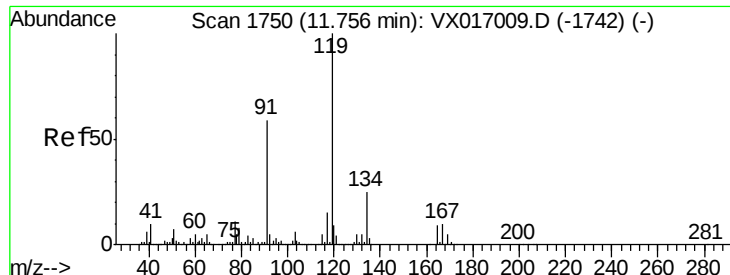
126 30.7 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

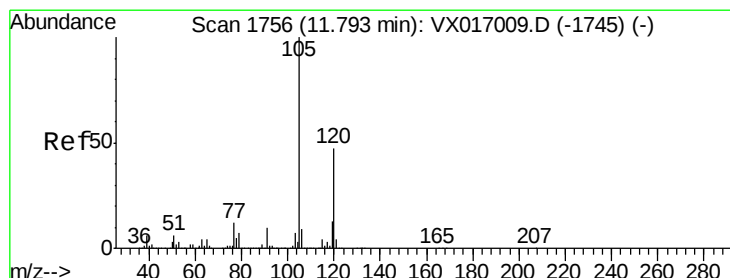
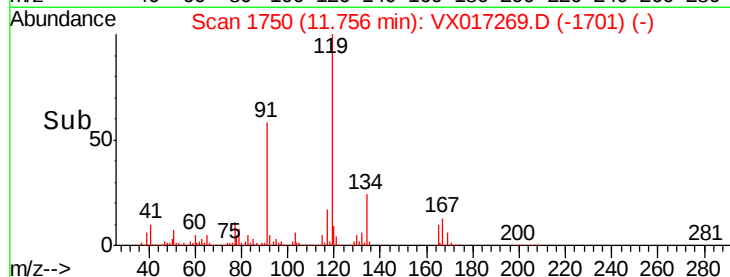
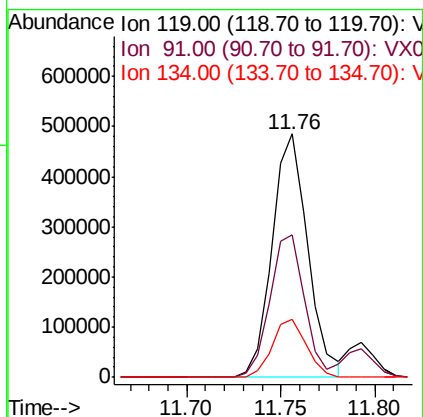
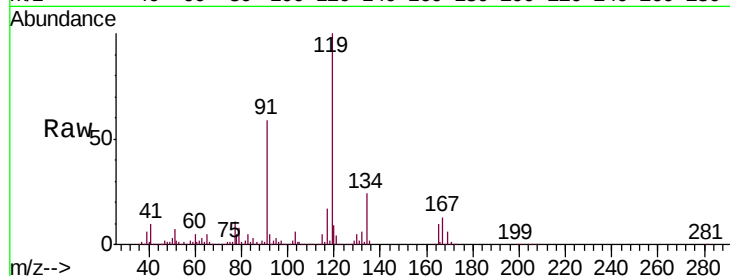




#83
tert-Butylbenzene
Concen: 53.206 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

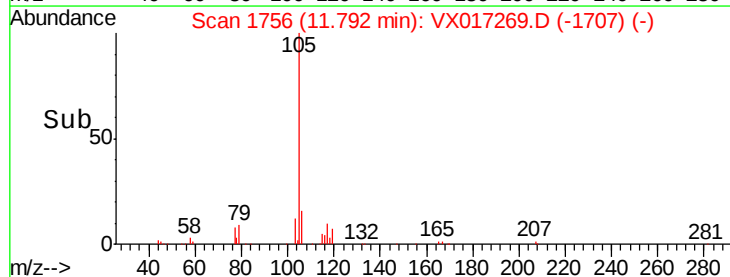
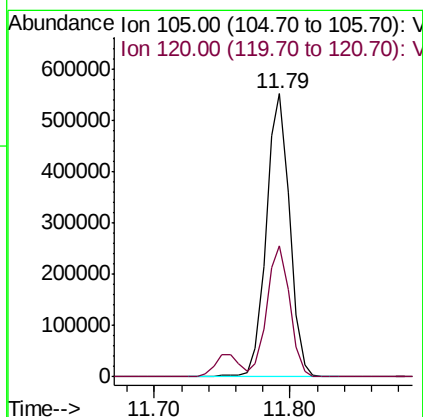
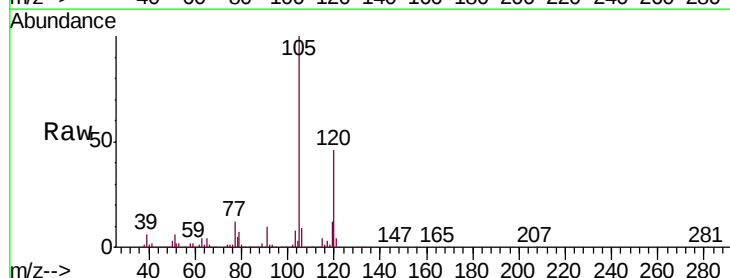
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MSD

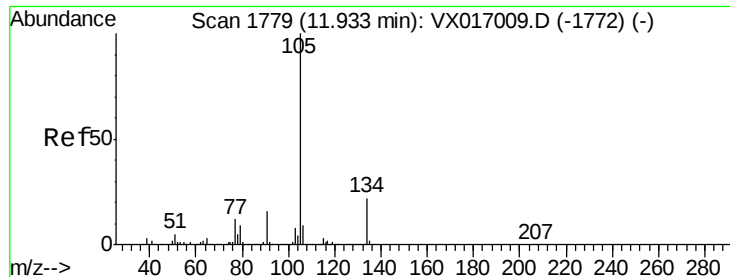
Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.5	28.3	84.9
134	23.0	11.7	35.1



#84
1,2,4-Trimethylbenzene
Concen: 53.763 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.9	68.5

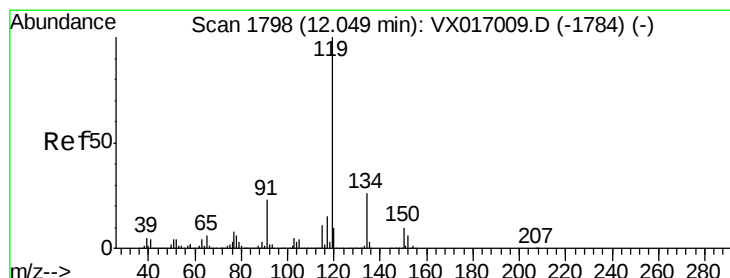
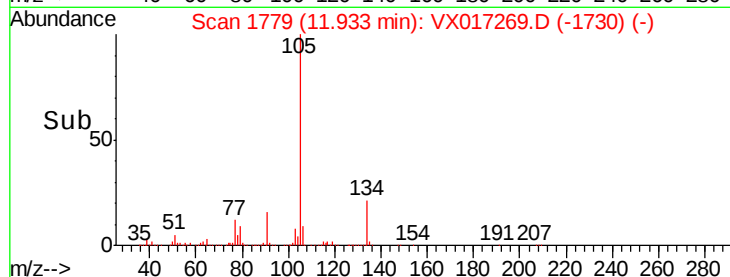
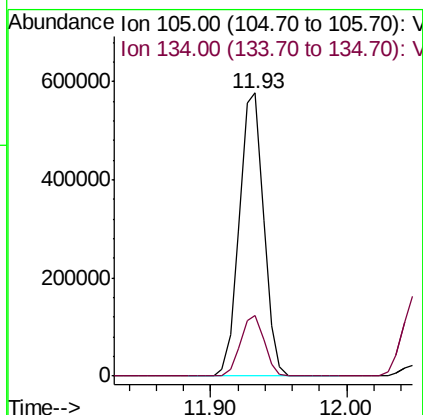
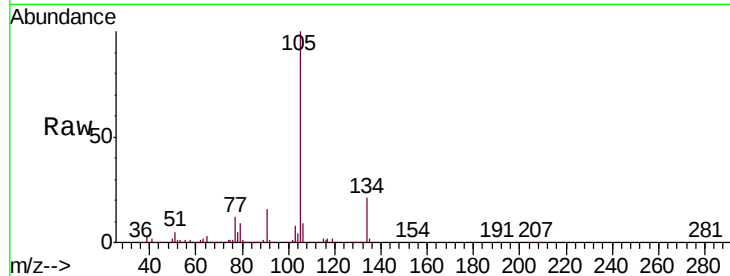




#85
 sec-Butylbenzene
 Concen: 51.267 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017269.D
 Acq: 08 Jul 2020 20:23

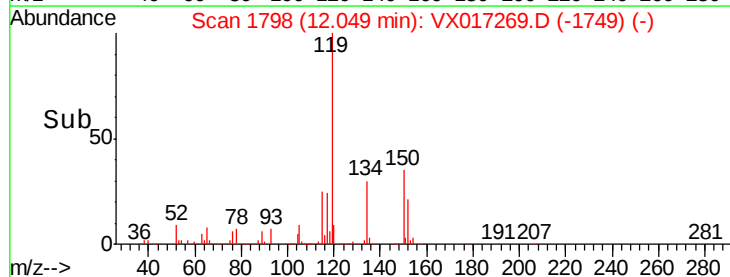
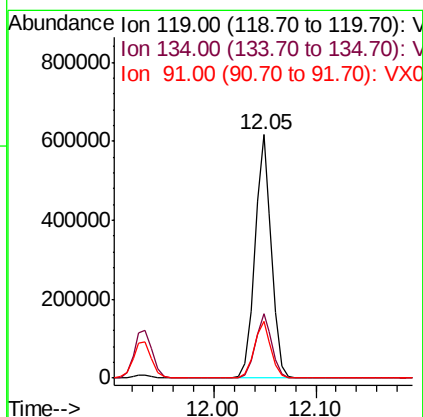
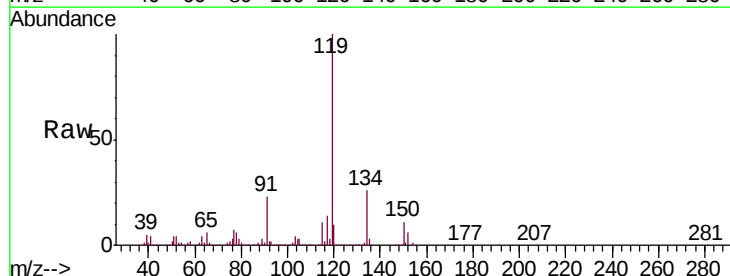
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20200630MSD

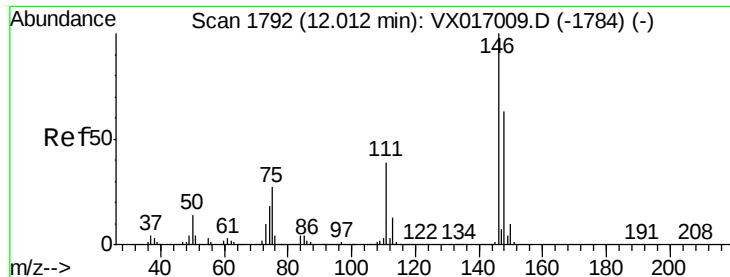
Tgt Ion:105 Resp: 720786
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 53.211 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017269.D
 Acq: 08 Jul 2020 20:23

Tgt Ion:119 Resp: 696446
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 23.5 11.8 35.4

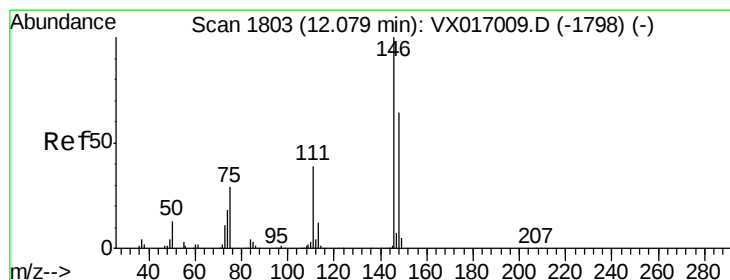
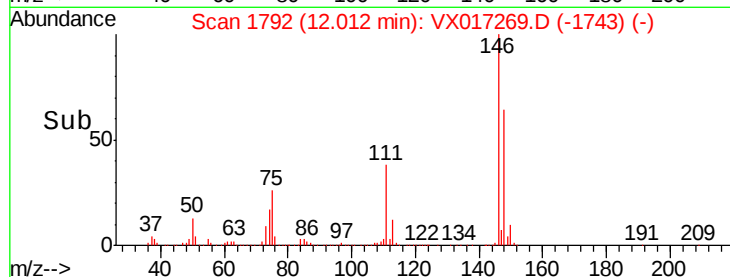
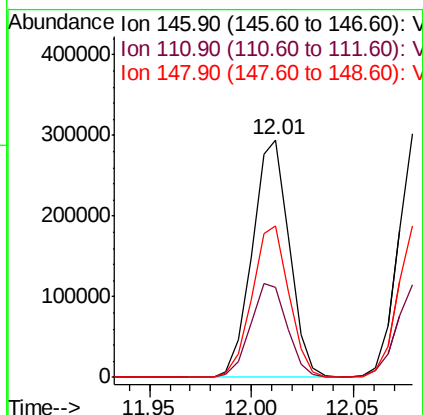
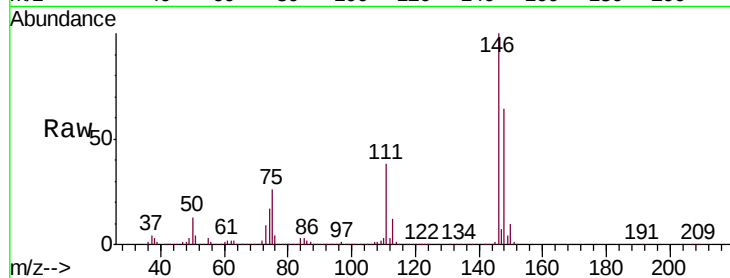




#87
 1,3-Dichlorobenzene
 Concen: 50.724 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017269.D
 Acq: 08 Jul 2020 20:23

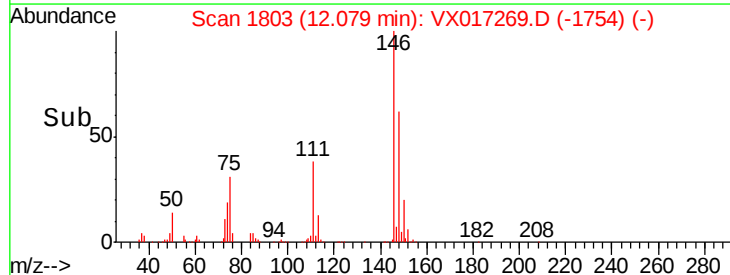
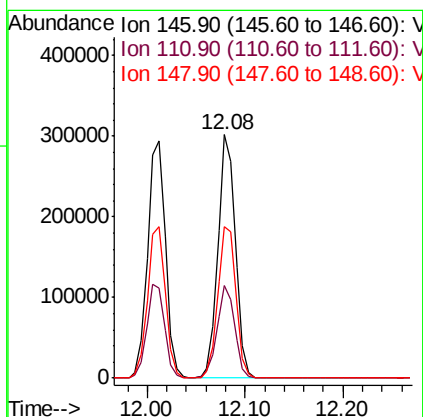
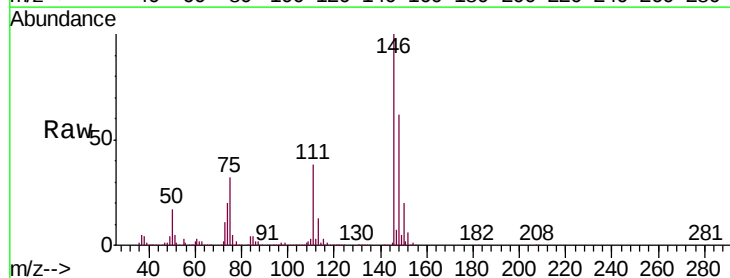
Instrument :
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 ClientSampleId :
 MH-117N-20200630MSD

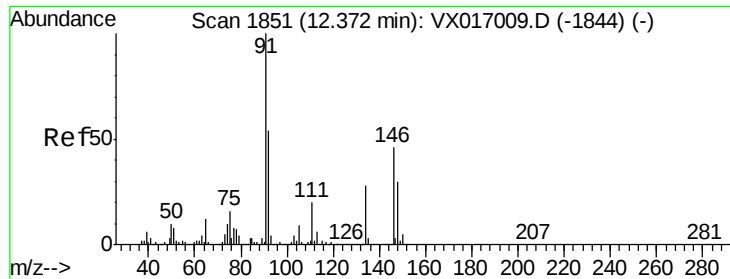
Tgt Ion:146 Resp: 371921
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.4 61.2
 148 63.6 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 53.837 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017269.D
 Acq: 08 Jul 2020 20:23

Tgt Ion:146 Resp: 372165
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.5 58.5
 148 64.7 31.9 95.7

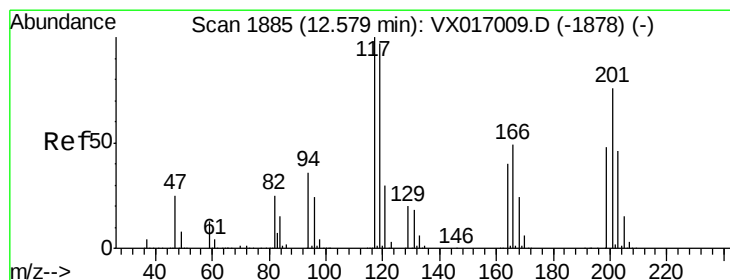
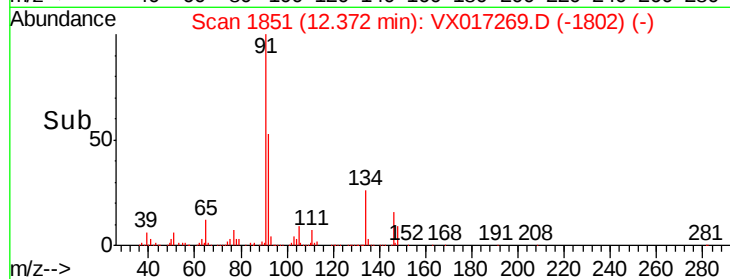
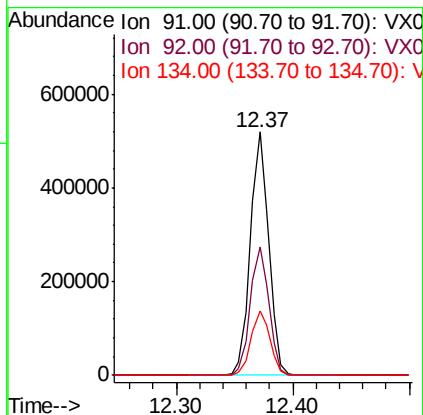
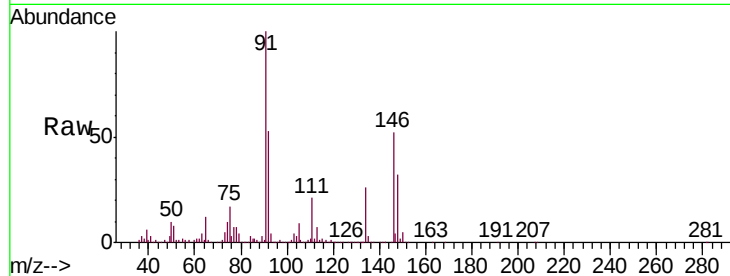




#89
n-Butylbenzene
Concen: 49.150 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

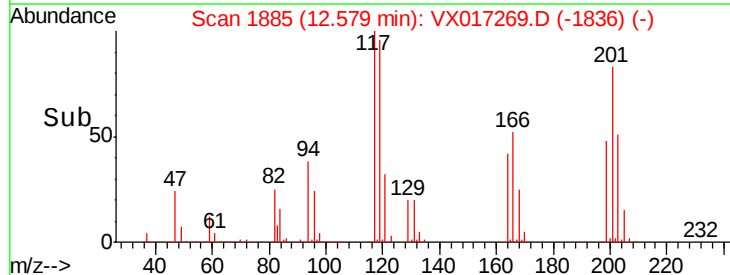
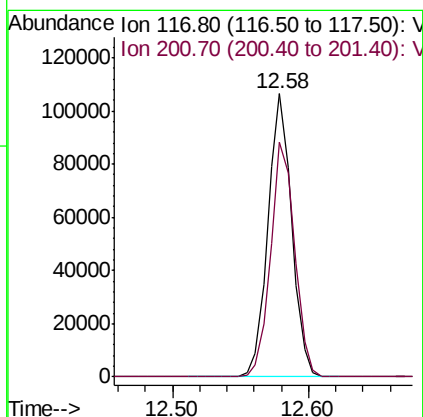
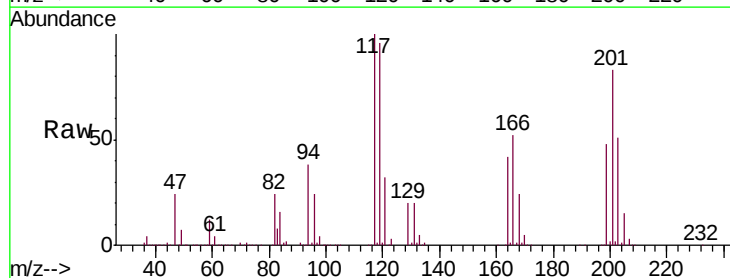
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ClientSampleId :
MH-117N-20200630MSD

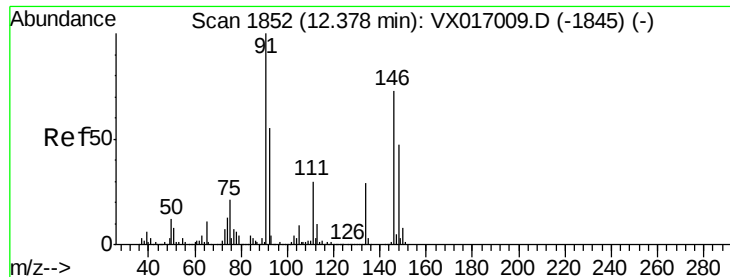
Tgt Ion: 91 Resp: 574394
Ion Ratio Lower Upper
91 100
92 53.6 27.2 81.6
134 27.1 13.6 40.7



#90
Hexachloroethane
Concen: 50.415 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

Tgt Ion: 117 Resp: 130123
Ion Ratio Lower Upper
117 100
201 84.0 39.4 118.2

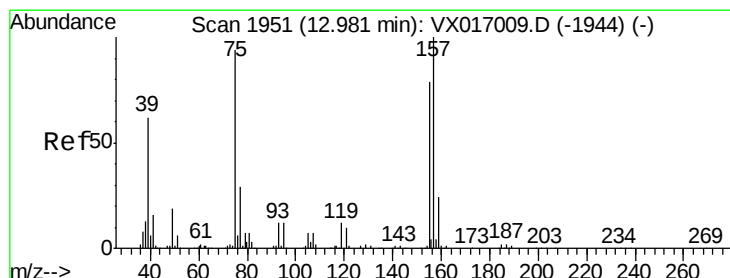
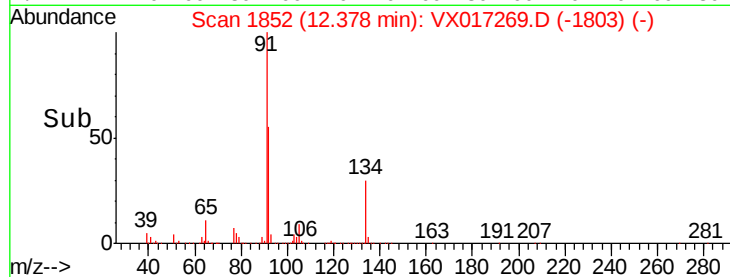
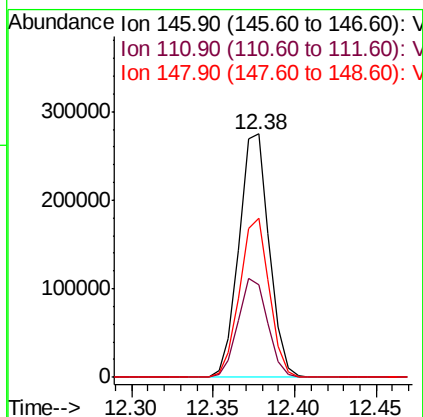
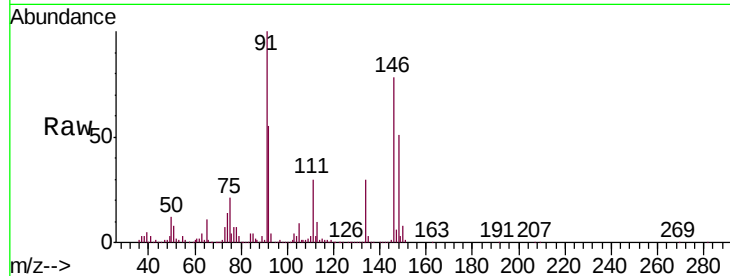




#91
 1,2-Dichlorobenzene
 Concen: 51.835 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017269.D
 Acq: 08 Jul 2020 20:23

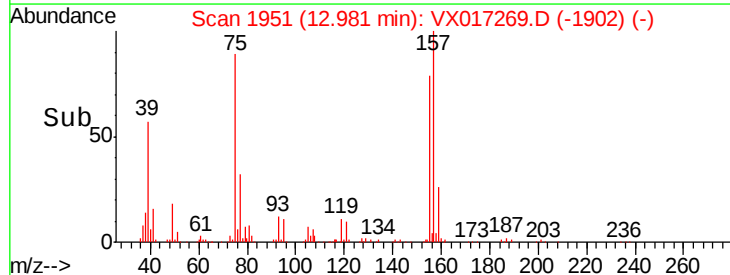
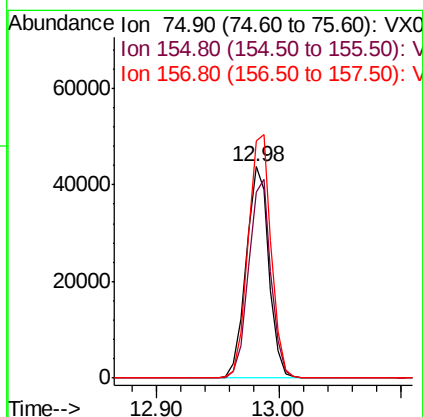
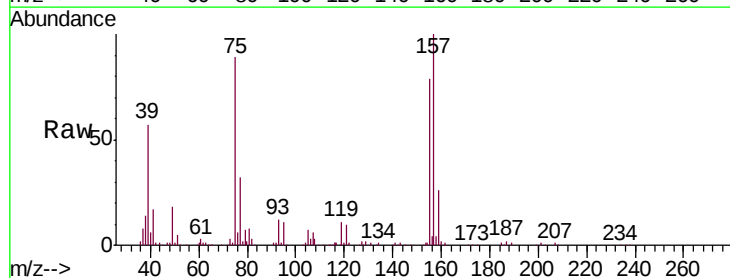
Instrument :
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 ClientSampleId :
 MH-117N-20200630MSD

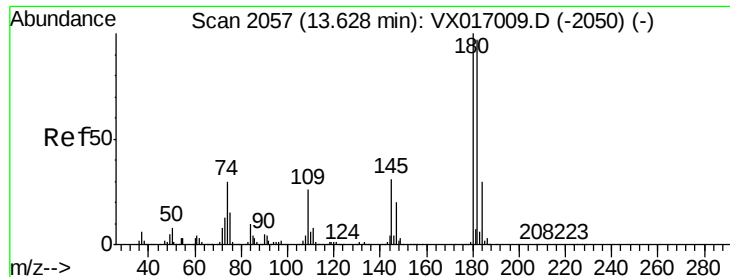
Tgt Ion: 146 Resp: 355260
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.6 61.9
 148 64.3 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.243 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017269.D
 Acq: 08 Jul 2020 20:23

Tgt Ion: 75 Resp: 56483
 Ion Ratio Lower Upper
 75 100
 155 92.6 45.1 135.2
 157 117.0 56.5 169.3

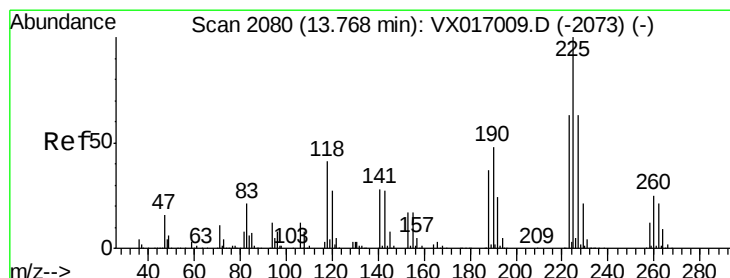
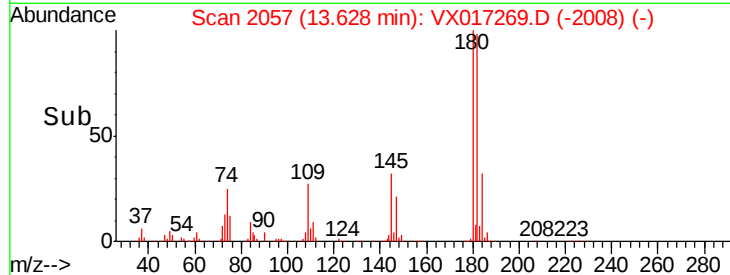
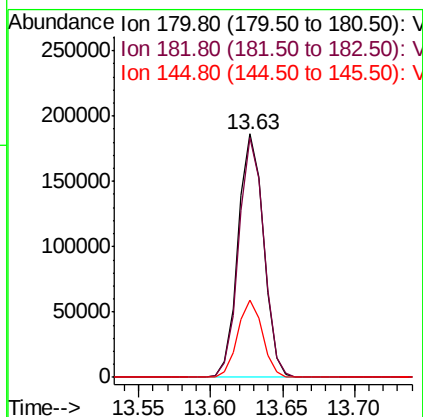
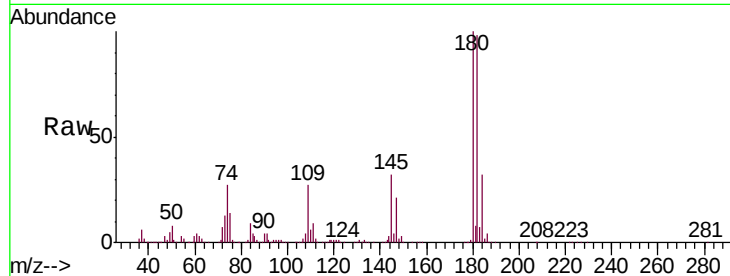




#93
 1,2,4-Trichlorobenzene
 Concen: 49.096 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017269.D
 Acq: 08 Jul 2020 20:23

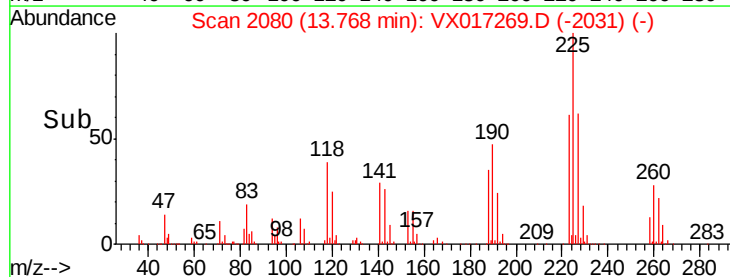
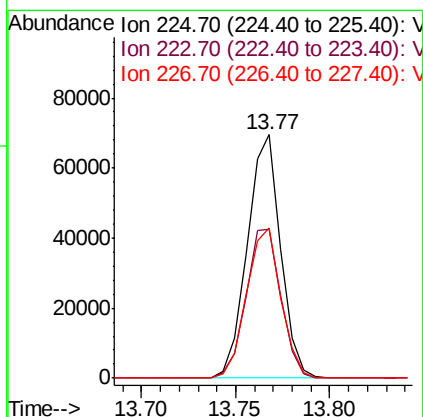
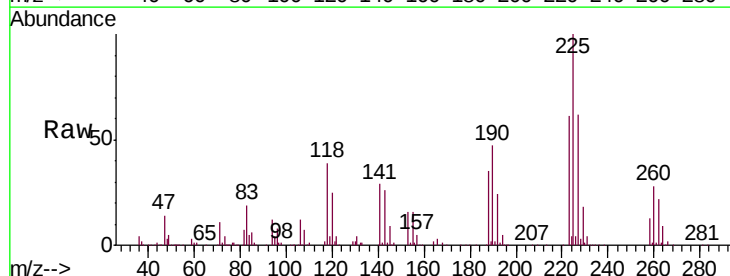
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20200630MSD

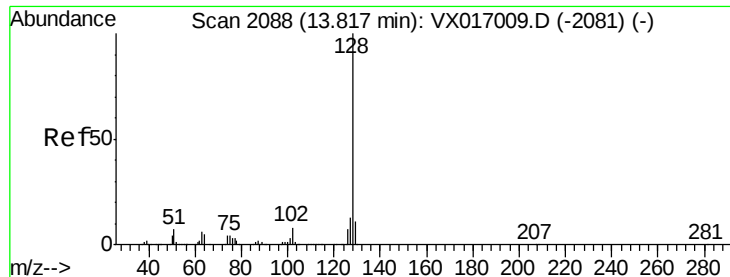
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.3	141.9
145	31.3	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 47.698 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017269.D
 Acq: 08 Jul 2020 20:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	32.5	97.5
227	63.7	33.1	99.2

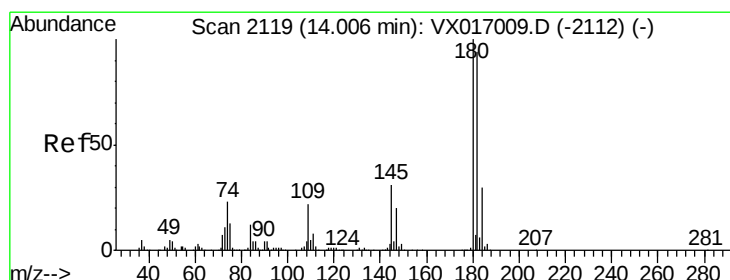
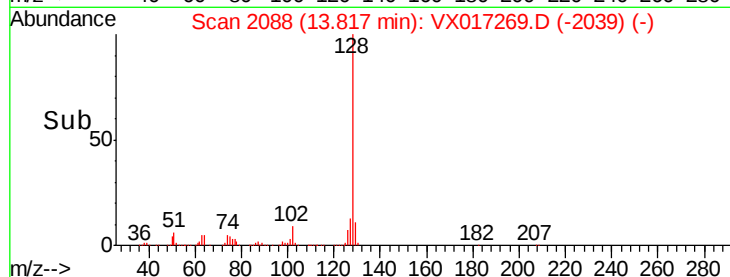
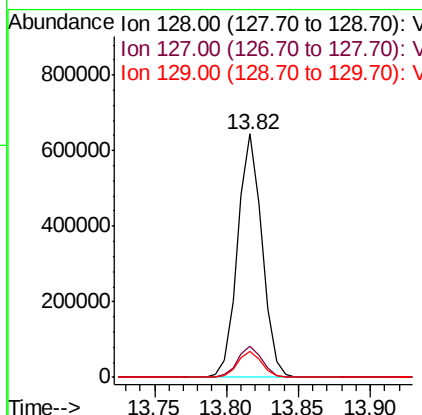
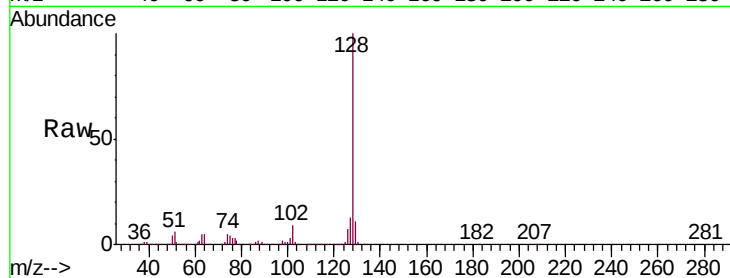




#95
Naphthalene
Concen: 53.490 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MSD

Tgt Ion:128 Resp: 760720
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.394 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX017269.D
Acq: 08 Jul 2020 20:23

Tgt Ion:180 Resp: 232671
Ion Ratio Lower Upper
180 100
182 95.1 47.1 141.4
145 32.8 16.6 49.7

