

Data File : VX017268.D
Acq On : 08 Jul 2020 20:00
Operator : JC/SP
Sample : L3195-09MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Jul 09 02:36:07 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	278040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	419548	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	406064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	229945	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	159417	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
35) Dibromofluoromethane	5.46	113	129622	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	8.70	98	468982	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	11.12	95	195011	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	126134	46.892	ug/l	99
3) Chloromethane	1.31	50	134058	41.173	ug/l	96
4) Vinyl Chloride	1.39	62	136158	45.072	ug/l	98
5) Bromomethane	1.62	94	72380	45.350	ug/l	99
6) Chloroethane	1.70	64	86970	48.746	ug/l	98
7) Trichlorofluoromethane	1.91	101	236912	53.027	ug/l	100
8) Diethyl Ether	2.17	74	81376	54.102	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	134640	50.281	ug/l	96
10) Methyl Iodide	2.49	142	138771	40.162	ug/l	99
11) Tert butyl alcohol	3.02	59	174518	266.888	ug/l	100
12) 1,1-Dichloroethene	2.35	96	132774	48.267	ug/l	99
13) Acrolein	2.28	56	121030	309.628	ug/l	96
14) Allyl chloride	2.71	41	238828	46.979	ug/l	97
15) Acrylonitrile	3.12	53	414830	263.896	ug/l	99
16) Acetone	2.42	43	348508	271.792	ug/l	97
17) Carbon Disulfide	2.55	76	347940	45.329	ug/l	99
18) Methyl Acetate	2.75	43	182059	54.389	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	487387	52.792	ug/l	99
20) Methylene Chloride	2.84	84	155479	52.915	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	147914	48.453	ug/l	97
22) Diisopropyl ether	3.83	45	473686	50.343	ug/l	91
23) Vinyl Acetate	3.79	43	2011959	248.840	ug/l	98
24) 1,1-Dichloroethane	3.67	63	265608	49.612	ug/l	100
25) 2-Butanone	4.63	43	557994	261.162	ug/l	98
26) 2,2-Dichloropropane	4.55	77	216753	45.597	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	169026	48.867	ug/l	99
28) Bromochloromethane	4.98	49	109673	42.097	ug/l	97
29) Tetrahydrofuran	5.09	42	362415	256.725	ug/l	99
30) Chloroform	5.18	83	279453	50.919	ug/l	97
31) Cyclohexane	5.55	56	214322	46.313	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	257040	50.855	ug/l	99
36) 1,1-Dichloropropene	5.77	75	198399	50.035	ug/l	99
37) Ethyl Acetate	4.79	43	207497	51.575	ug/l	99
38) Carbon Tetrachloride	5.76	117	235123	53.836	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	212212	48.101	ug/l	93
40) Benzene	6.12	78	583873	50.116	ug/l	99
41) Methacrylonitrile	5.01	41	124436	54.955	ug/l	98
42) 1,2-Dichloroethane	6.16	62	226051	53.716	ug/l	100
43) Isopropyl Acetate	6.42	43	347936	52.045	ug/l	99
44) Trichloroethene	7.19	130	173203	53.898	ug/l	96
45) 1,2-Dichloropropane	7.49	63	153345	51.246	ug/l	98
46) Dibromomethane	7.64	93	109218	53.461	ug/l	96
47) Bromodichloromethane	7.88	83	230558	54.763	ug/l	97
48) Methyl methacrylate	7.75	41	177546	55.899	ug/l	97
49) 1,4-Dioxane	7.71	88	72576	1008.627	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1106725	277.714	ug/l	100
52) Toluene	8.77	92	378635	52.054	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	248841	53.570	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	253770	50.962	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	162613	54.717	ug/l	98
56) Ethyl methacrylate	9.16	69	241580	57.111	ug/l	99
57) 1,3-Dichloropropane	9.35	76	264983	52.693	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.22	63	507	0.241	ug/l #	45
59) 2-Hexanone	9.48	43	855682	294.001	ug/l	99
60) Dibromochloromethane	9.57	129	196074	56.804	ug/l	99
61) 1,2-Dibromoethane	9.65	107	171130	53.570	ug/l	99
64) Tetrachloroethene	9.32	164	167457	51.098	ug/l	98
65) Chlorobenzene	10.12	112	429792	51.283	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	172911	53.535	ug/l	98
67) Ethyl Benzene	10.24	91	737408	52.686	ug/l	99
68) m/p-Xylenes	10.34	106	569864	106.039	ug/l	97
69) o-Xylene	10.68	106	273822	53.561	ug/l	98
70) Styrene	10.69	104	492739	56.599	ug/l	99
71) Bromoform	10.84	173	155356	60.656	ug/l #	100
73) Isopropylbenzene	11.00	105	747847	49.652	ug/l	100
74) N-amyl acetate	10.88	43	315463	49.086	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	237234	50.073	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	292107	64.601	ug/l	88
77) Bromobenzene	11.24	156	206395	49.860	ug/l	96
78) n-propylbenzene	11.34	91	844800	49.600	ug/l	100
79) 2-Chlorotoluene	11.40	91	515381	49.998	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	642492	51.427	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	85910	49.201	ug/l	96
82) 4-Chlorotoluene	11.49	91	615215	49.925	ug/l	98
83) tert-Butylbenzene	11.76	119	635399	51.810	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	658319	51.941	ug/l	100
85) sec-Butylbenzene	11.93	105	712630	49.433	ug/l	100
86) p-Isopropyltoluene	12.05	119	686284	51.138	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	368972	49.077	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	376653	53.137	ug/l	98
89) n-Butylbenzene	12.37	91	575962	48.065	ug/l	99
90) Hexachloroethane	12.58	117	130333	49.247	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	353212	50.261	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57363	50.754	ug/l	97

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

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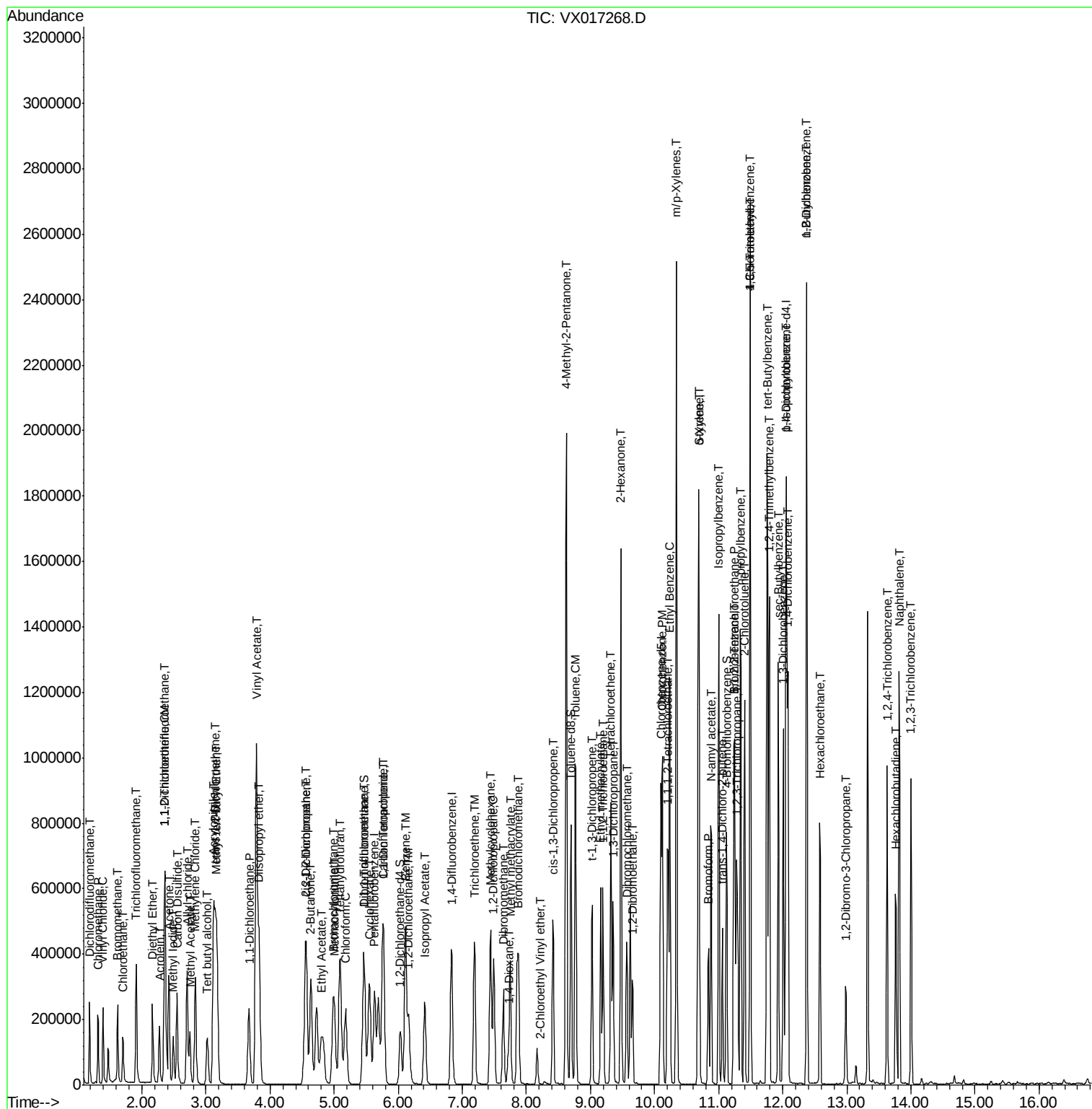
Quant Time: Jul 09 02:36:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
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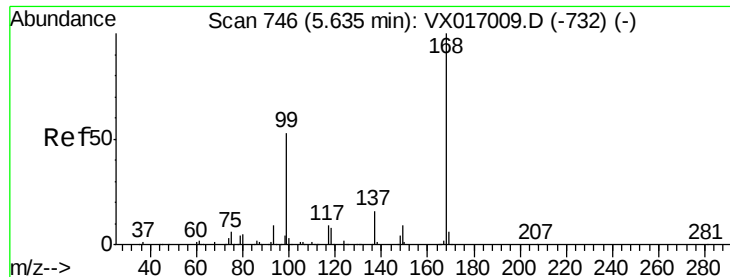
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	227775	47.487	ug/l	96
94) Hexachlorobutadiene	13.76	225	85451	46.992	ug/l	96
95) Naphthalene	13.82	128	767718	52.647	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	229547	49.450	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

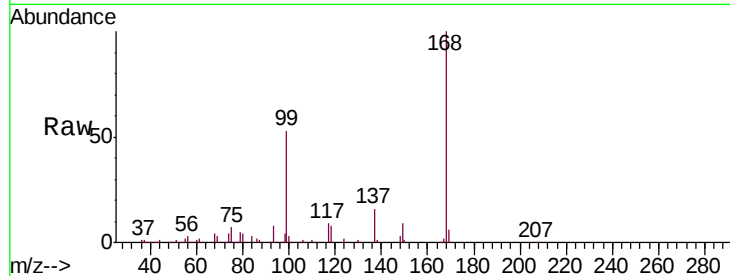
MH-117N-20200630MS

Tgt Ion:168 Resp: 278040

Ion Ratio Lower Upper

168 100

99 53.0 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

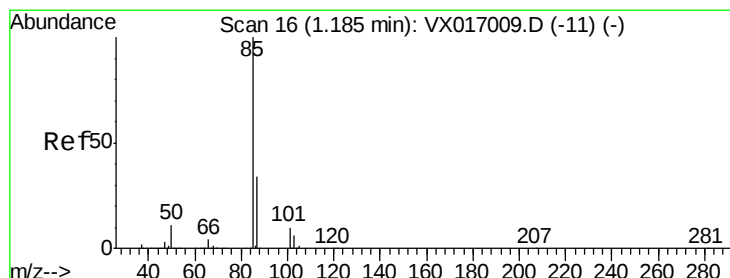
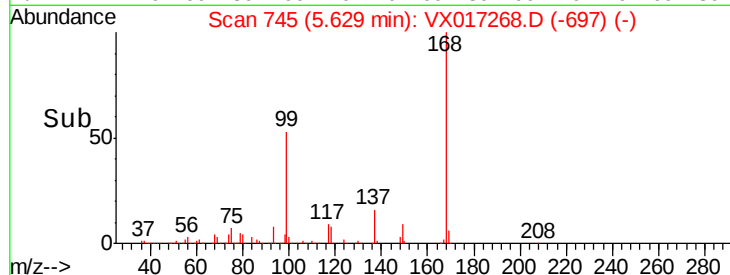
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.892 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017268.D

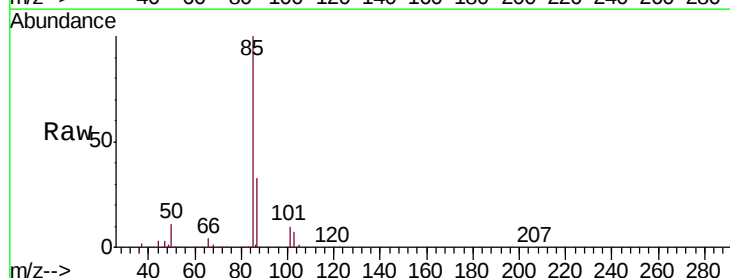
Acq: 08 Jul 2020 20:00

Tgt Ion: 85 Resp: 126134

Ion Ratio Lower Upper

85 100

87 32.9 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

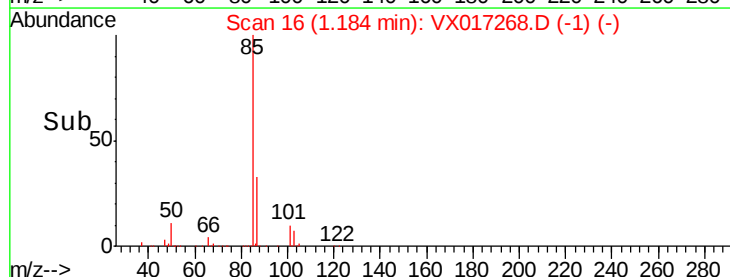
100000

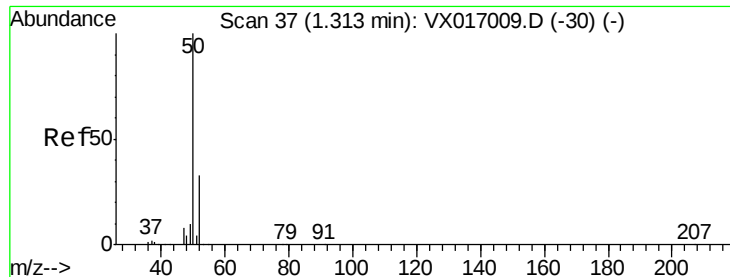
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 41.173 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

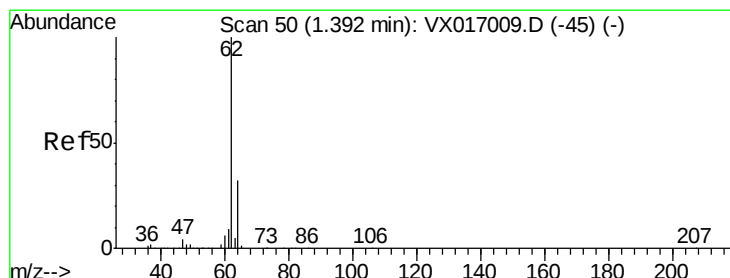
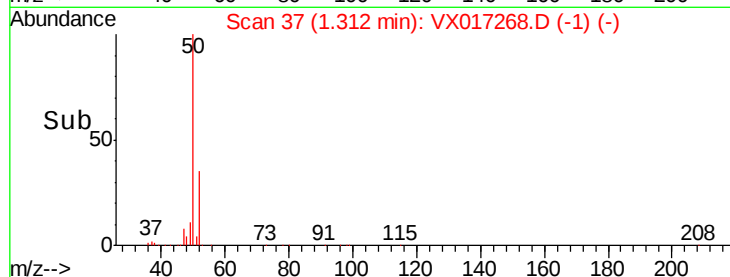
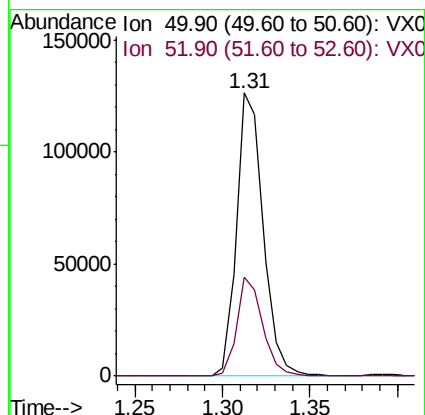
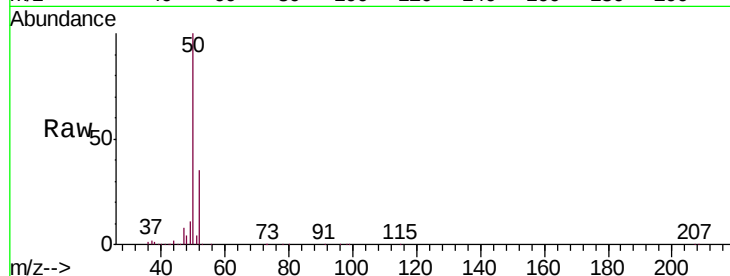
MH-117N-20200630MS

Tgt Ion: 50 Resp: 134058

Ion Ratio Lower Upper

50 100

52 35.0 26.1 39.1



#4

Vinyl Chloride

Concen: 45.072 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017268.D

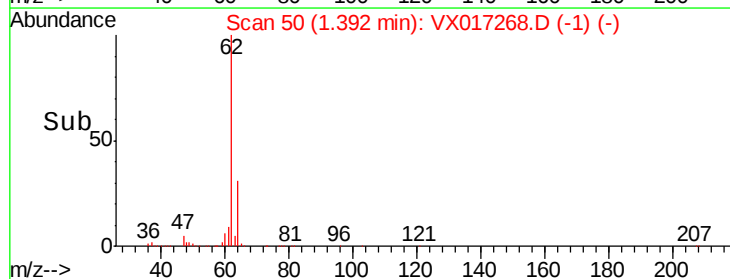
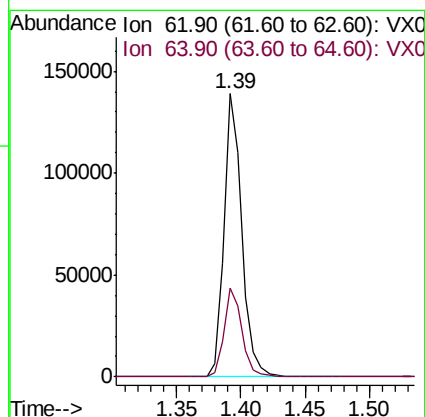
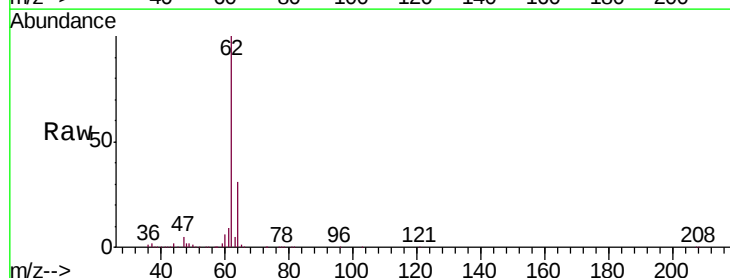
Acq: 08 Jul 2020 20:00

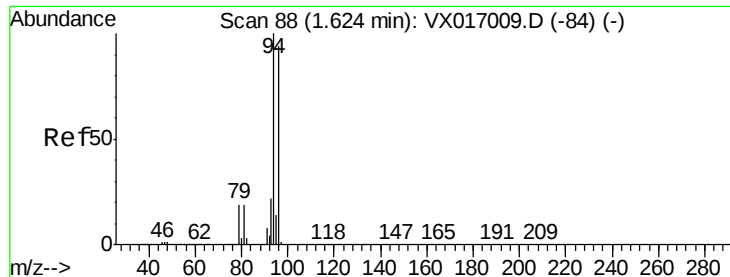
Tgt Ion: 62 Resp: 136158

Ion Ratio Lower Upper

62 100

64 31.3 25.9 38.9





#5

Bromomethane

Concen: 45.350 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

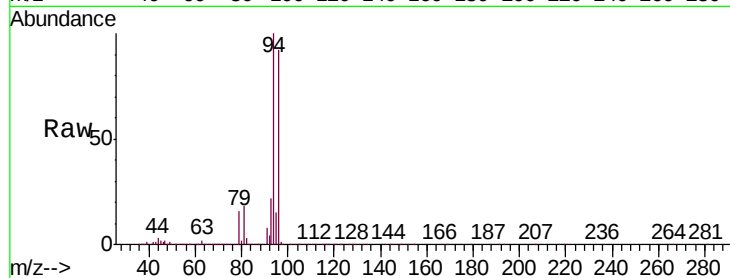
MH-117N-20200630MS

Tgt Ion: 94 Resp: 72380

Ion Ratio Lower Upper

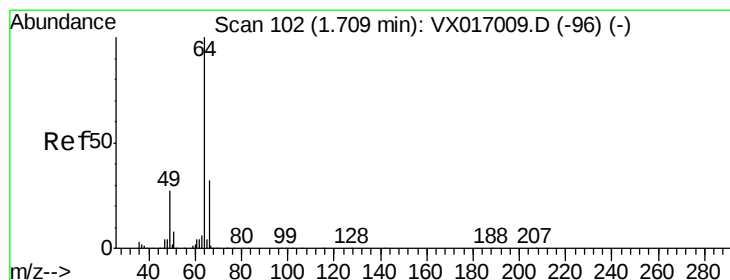
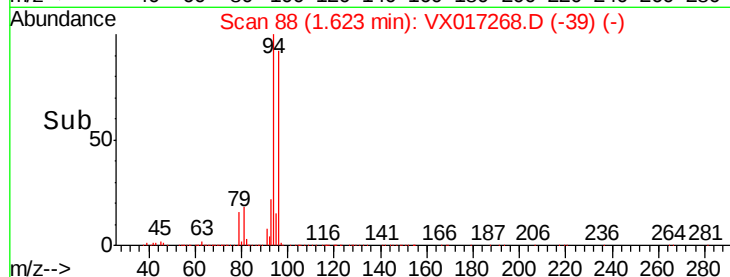
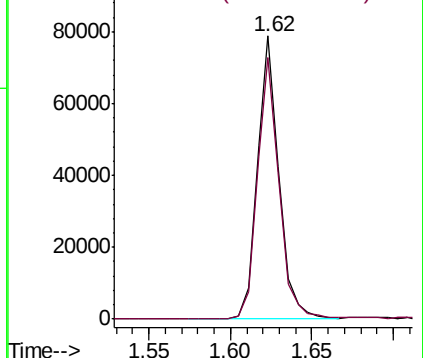
94 100

96 92.3 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: 48.746 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017268.D

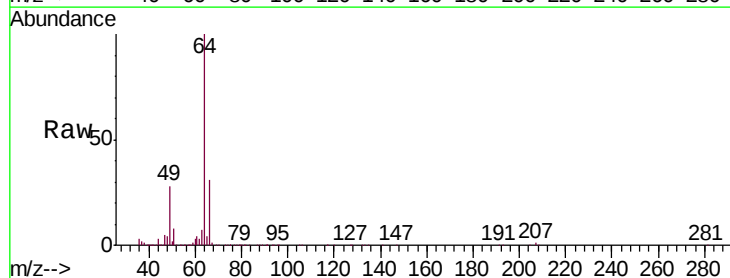
Acq: 08 Jul 2020 20:00

Tgt Ion: 64 Resp: 86970

Ion Ratio Lower Upper

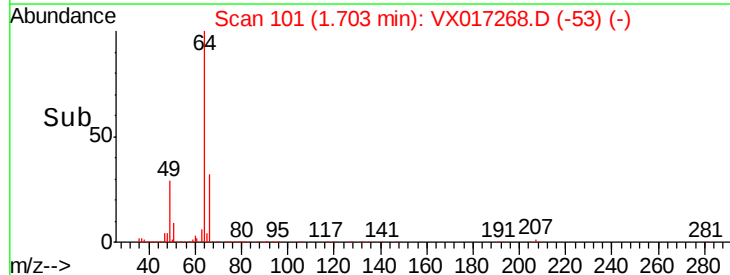
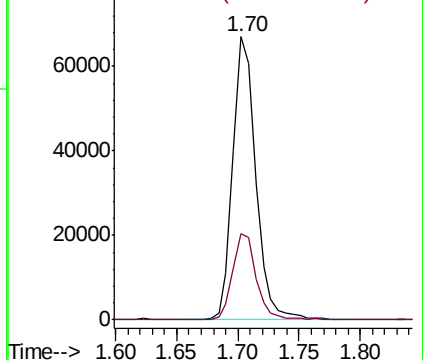
64 100

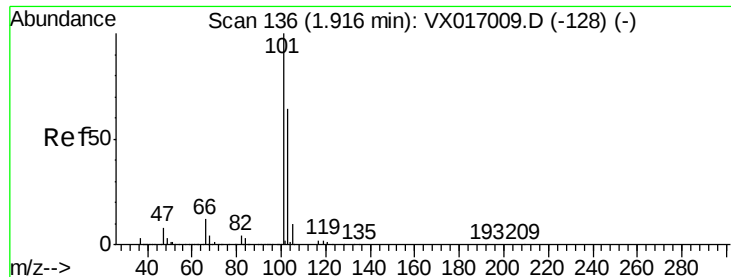
66 30.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 53.027 ug/l

RT: 1.91 min Scan# 135

Delta R.T. -0.01 min

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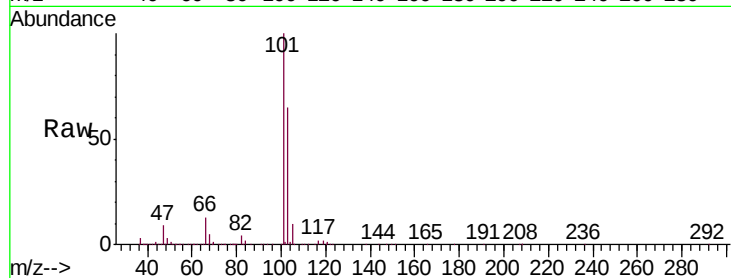
MH-117N-20200630MS

Tgt Ion:101 Resp: 236912

Ion Ratio Lower Upper

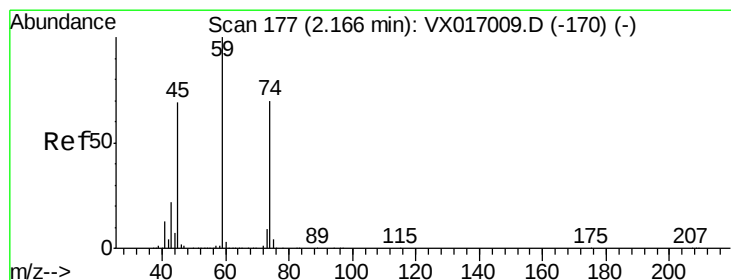
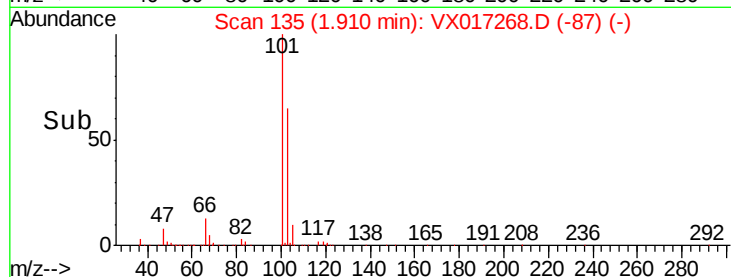
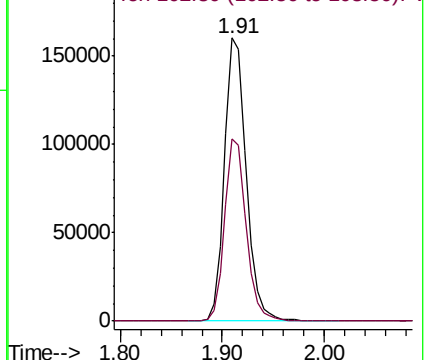
101 100

103 64.6 51.5 77.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 54.102 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX017268.D

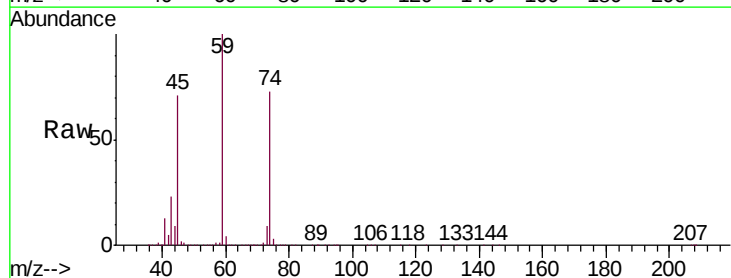
Acq: 08 Jul 2020 20:00

Tgt Ion: 74 Resp: 81376

Ion Ratio Lower Upper

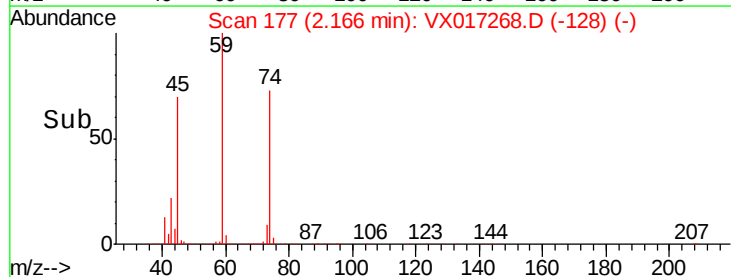
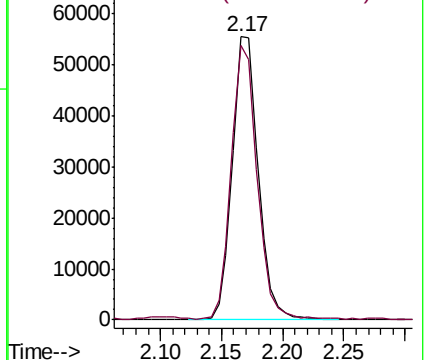
74 100

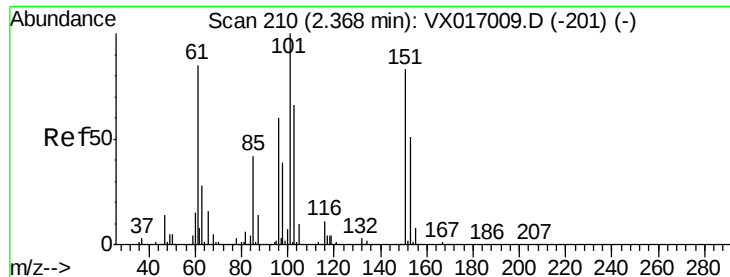
45 96.1 49.8 149.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.281 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

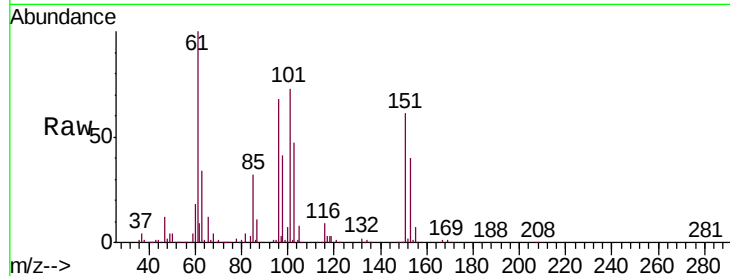
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Tgt Ion:101 Resp: 134640

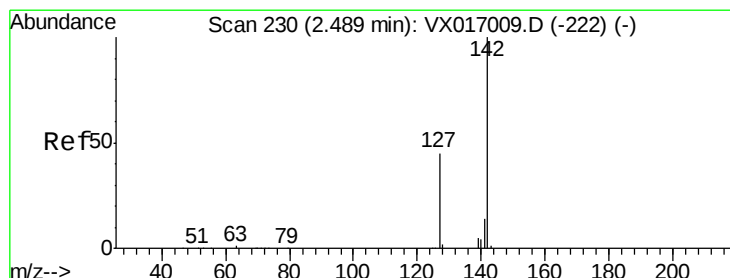
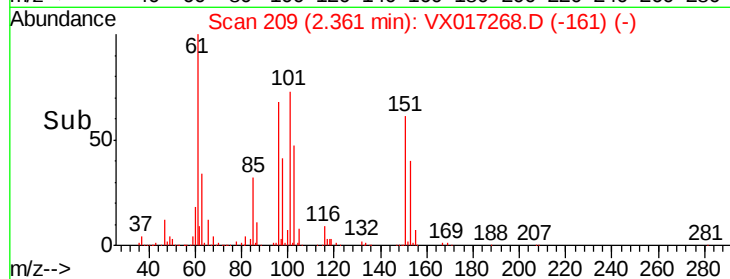
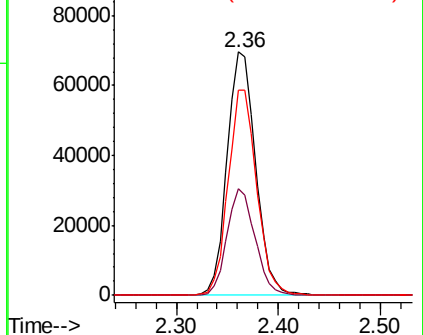
Ion	Ratio	Lower	Upper
101	100		
85	43.1	33.5	50.3
151	84.0	63.8	95.6



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: 40.162 ug/l

RT: 2.49 min Scan# 230

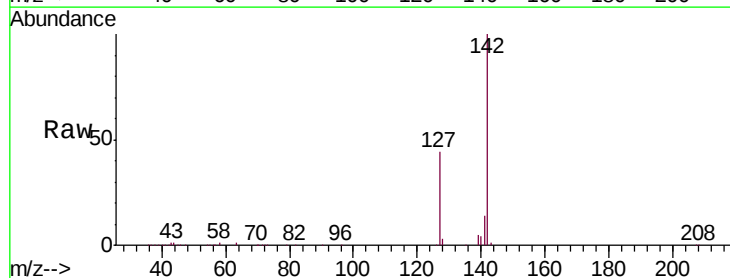
Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Tgt Ion:142 Resp: 138771

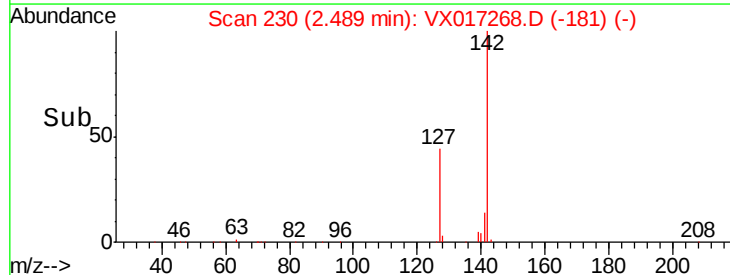
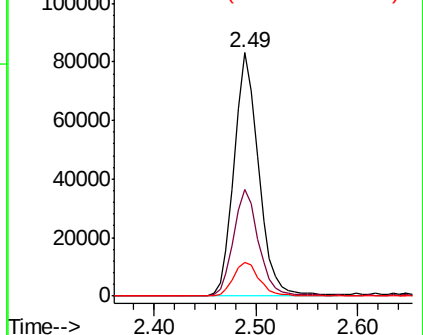
Ion	Ratio	Lower	Upper
142	100		
127	44.7	36.6	54.8
141	14.6	11.6	17.4

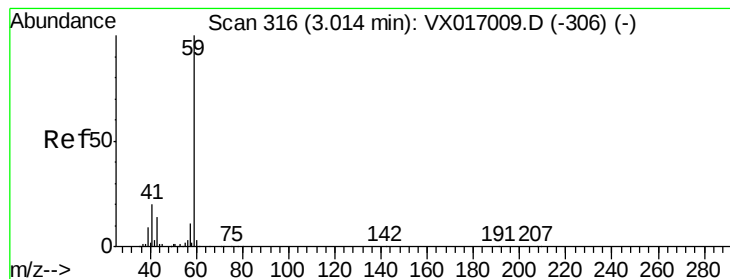


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



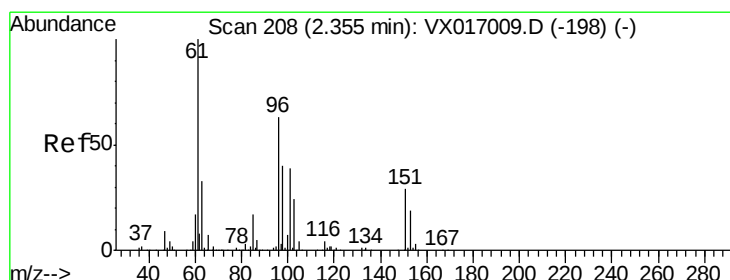
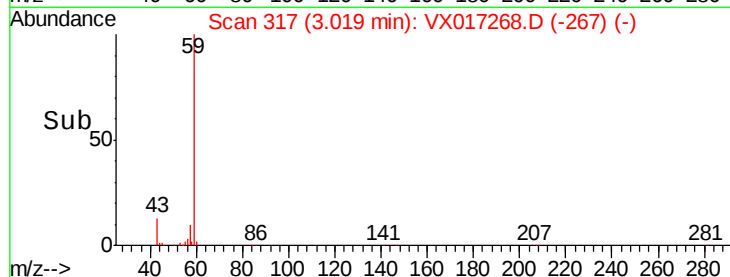
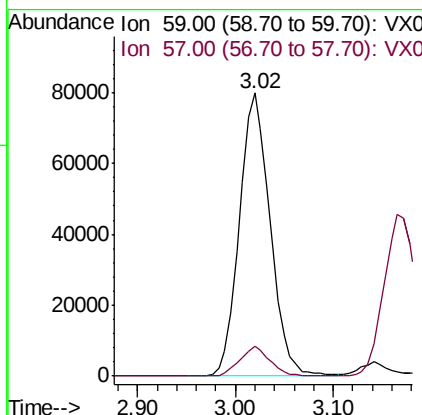
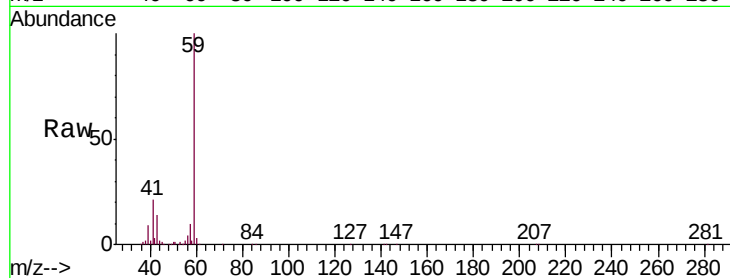


#11

Tert butyl alcohol
 Concen: 266.888 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

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

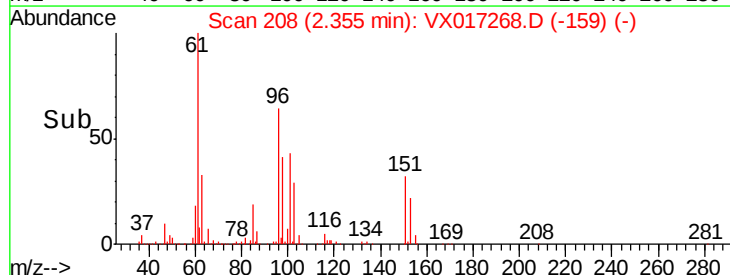
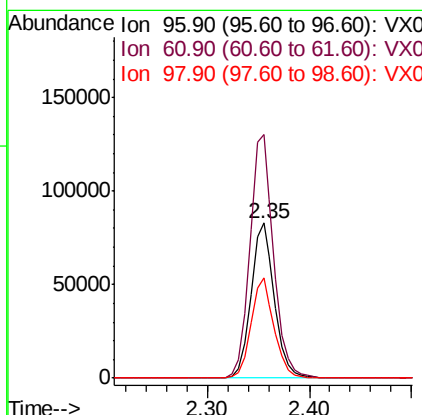
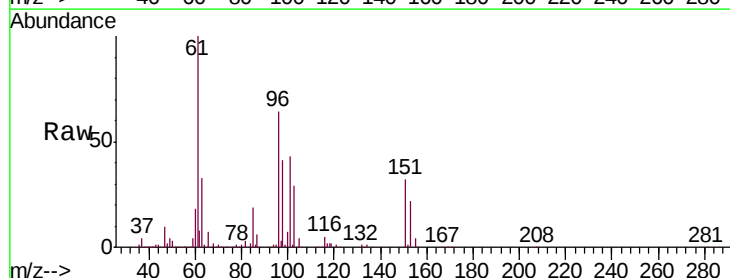
Tgt Ion: 59 Resp: 174518
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

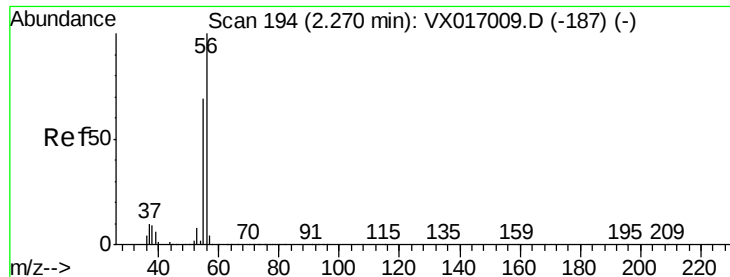


#12

1,1-Dichloroethene
 Concen: 48.267 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

Tgt Ion: 96 Resp: 132774
 Ion Ratio Lower Upper
 96 100
 61 157.0 126.3 189.5
 98 64.6 51.0 76.6

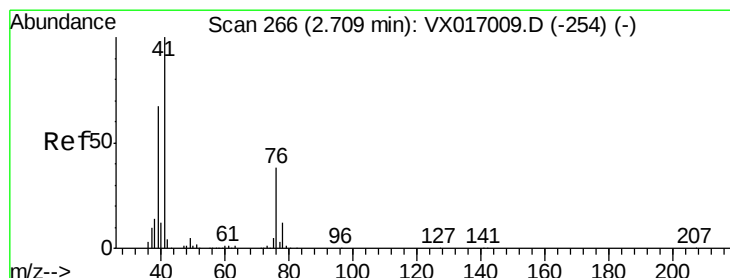
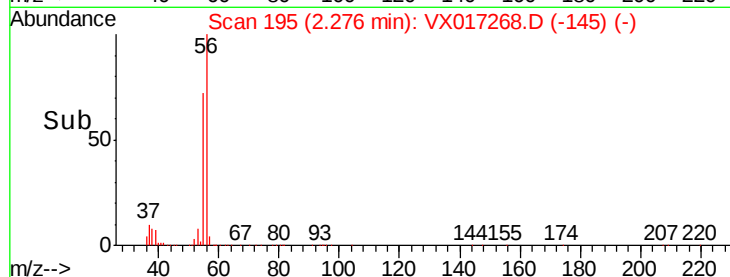
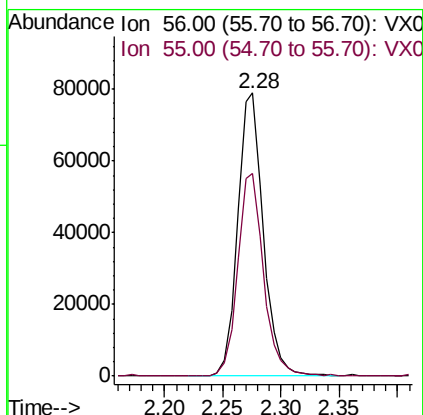
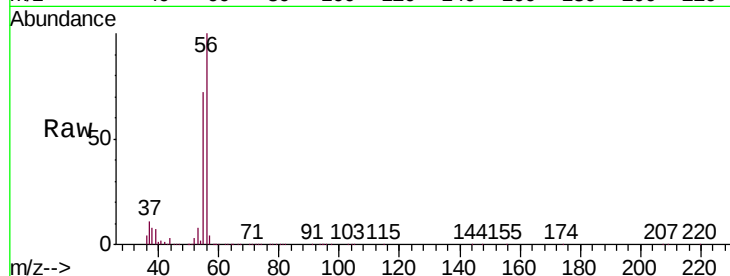




#13
Acrolein
Concen: 309.628 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

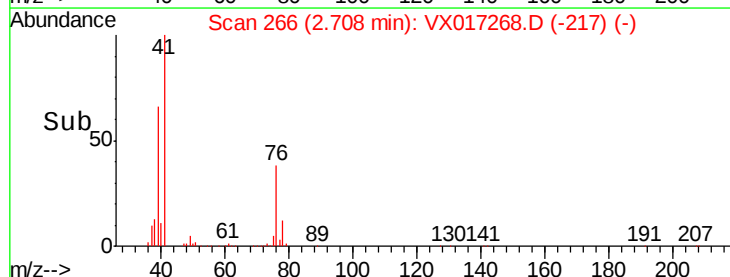
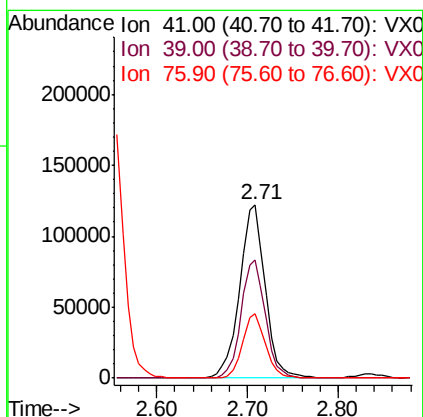
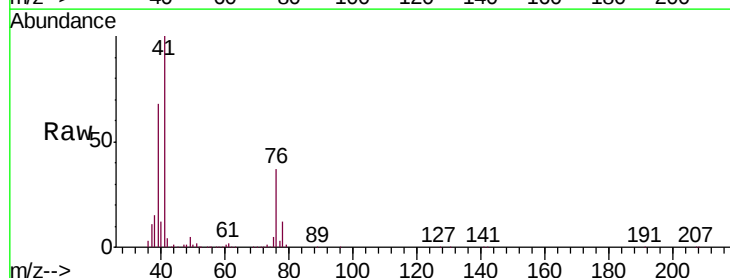
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MS

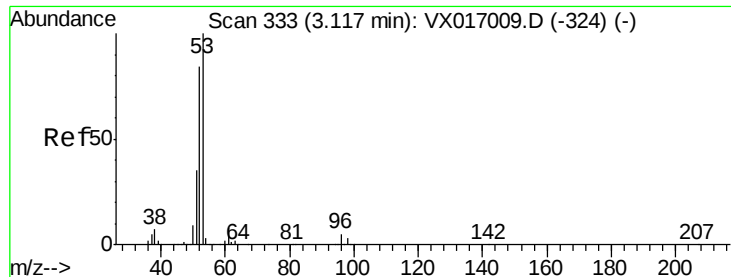
Tgt Ion: 56 Resp: 121030
Ion Ratio Lower Upper
56 100
55 72.7 55.7 83.5



#14
Allyl chloride
Concen: 46.979 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

Tgt Ion: 41 Resp: 238828
Ion Ratio Lower Upper
41 100
39 64.6 49.4 74.2
76 32.8 26.8 40.2





#15

Acrylonitrile

Concen: 263.896 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MS

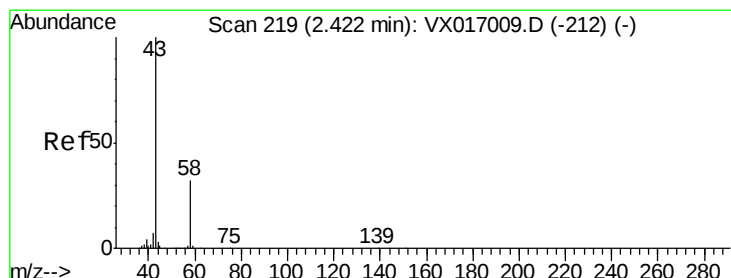
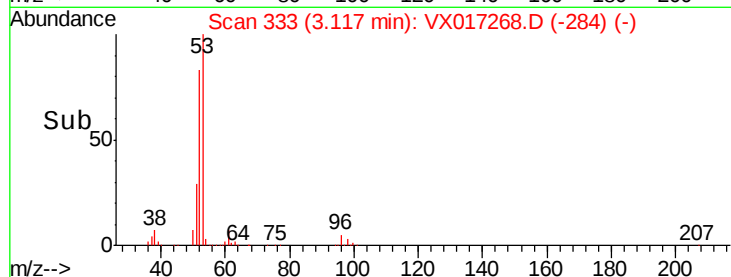
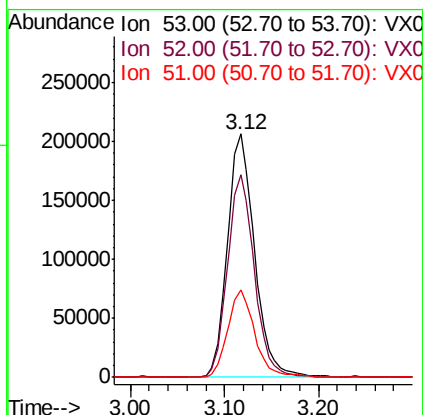
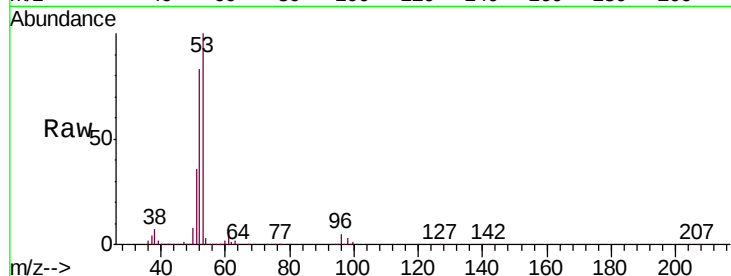
Tgt Ion: 53 Resp: 414830

Ion Ratio Lower Upper

53 100

52 82.5 65.6 98.4

51 36.1 28.3 42.5



#16

Acetone

Concen: 271.792 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017268.D

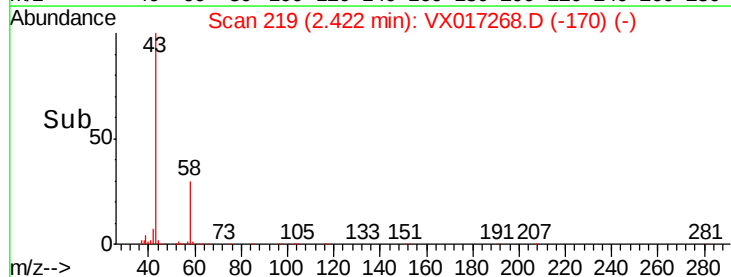
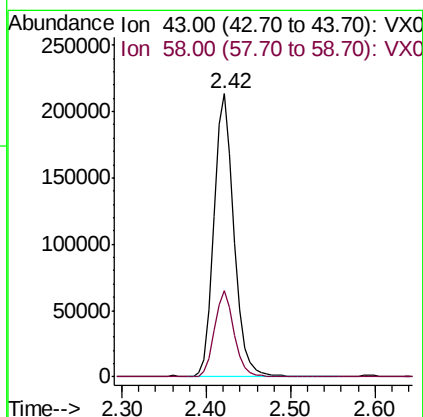
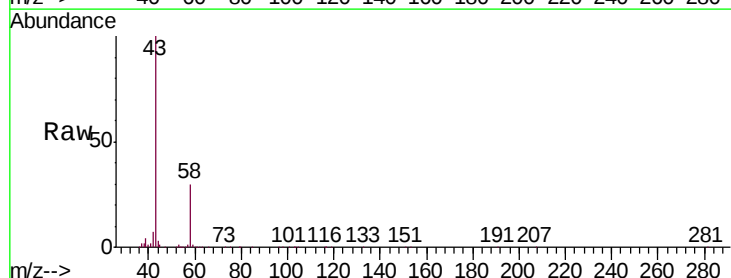
Acq: 08 Jul 2020 20:00

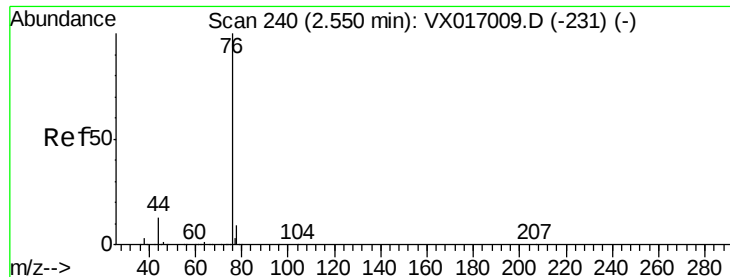
Tgt Ion: 43 Resp: 348508

Ion Ratio Lower Upper

43 100

58 30.3 25.7 38.5





#17

Carbon Disulfide

Concen: 45.329 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

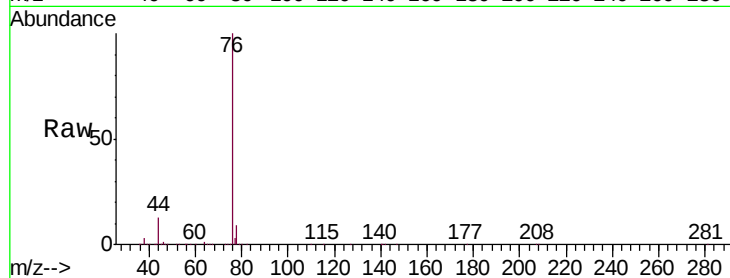
MH-117N-20200630MS

Tgt Ion: 76 Resp: 347940

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

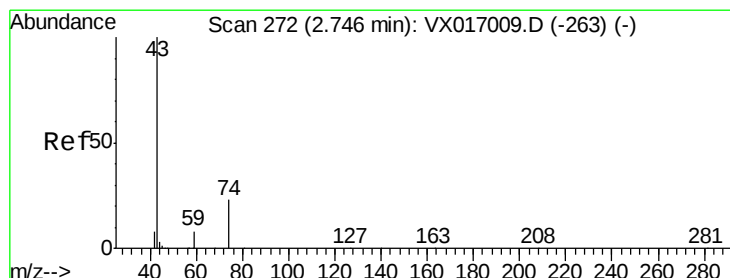
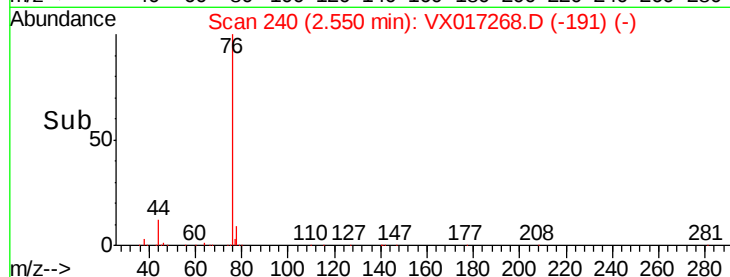
50000

0

Time-->

2.50

2.60



#18

Methyl Acetate

Concen: 54.389 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017268.D

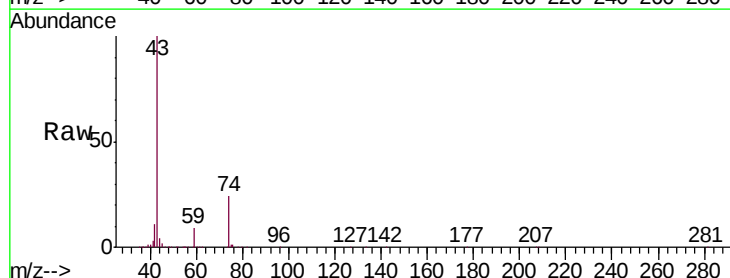
Acq: 08 Jul 2020 20:00

Tgt Ion: 43 Resp: 182059

Ion Ratio Lower Upper

43 100

74 24.3 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

40000

20000

0

Time-->

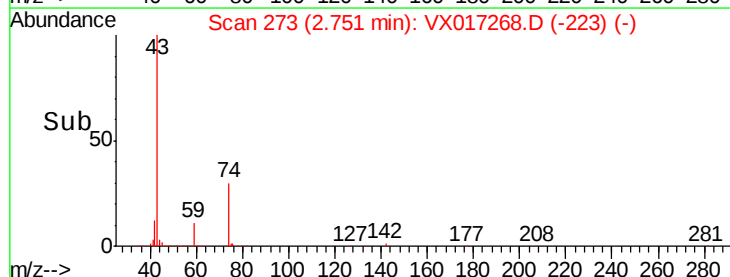
2.65

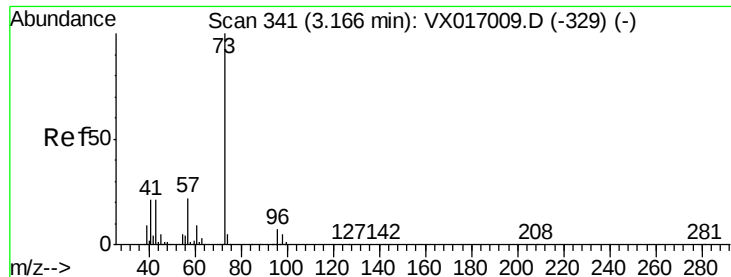
2.70

2.75

2.80

2.85

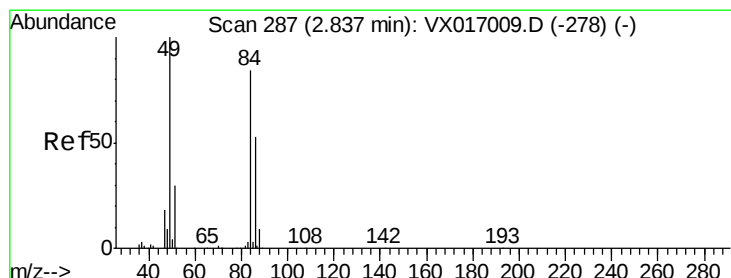
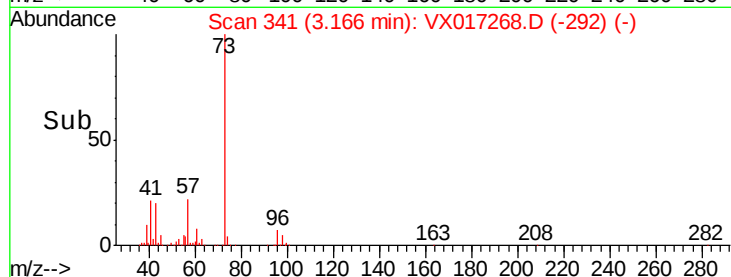
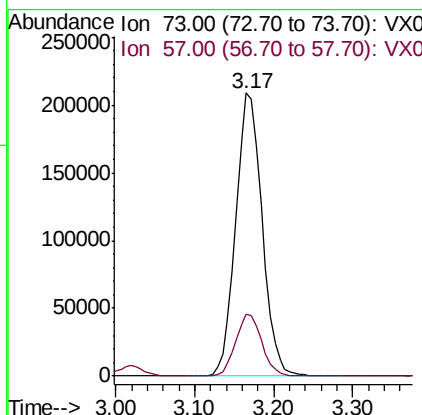
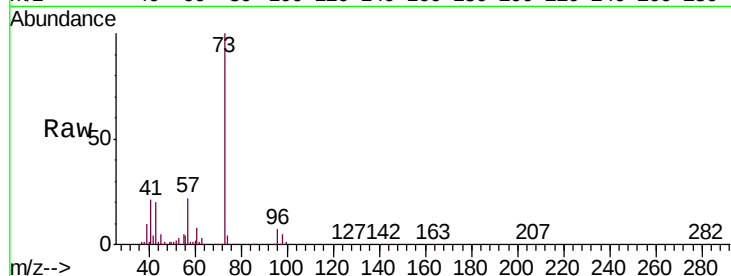




#19
Methyl tert-butyl Ether
Concen: 52.792 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

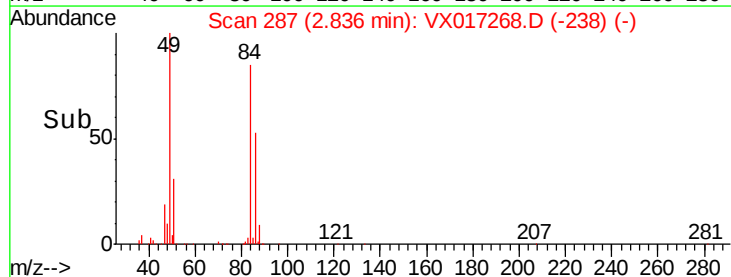
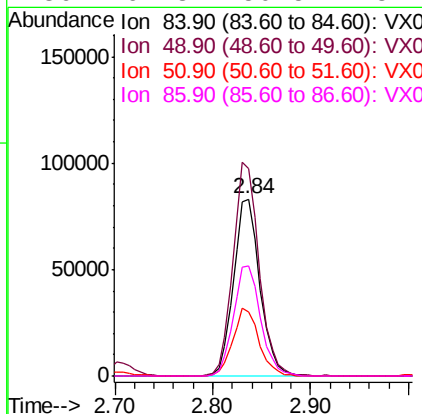
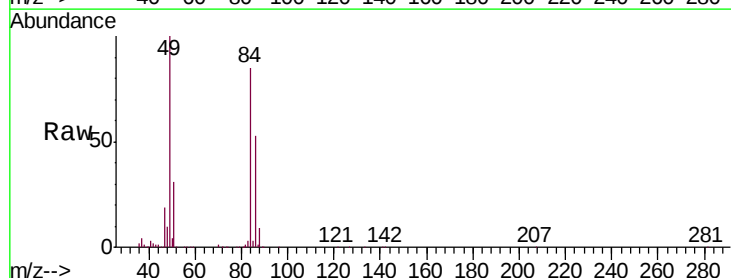
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MS

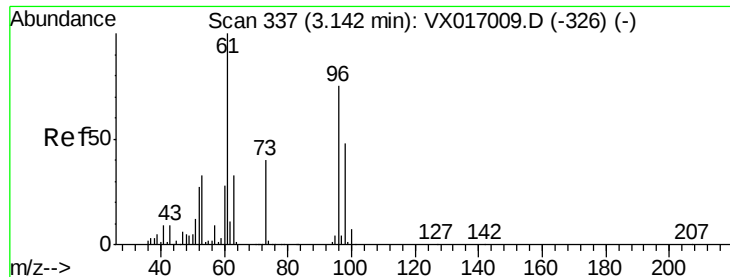
Tgt Ion: 73 Resp: 487387
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4



#20
Methylene Chloride
Concen: 52.915 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

Tgt Ion: 84 Resp: 155479
Ion Ratio Lower Upper
84 100
49 117.2 94.7 142.1
51 36.4 28.6 42.8
86 62.3 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 48.453 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MS

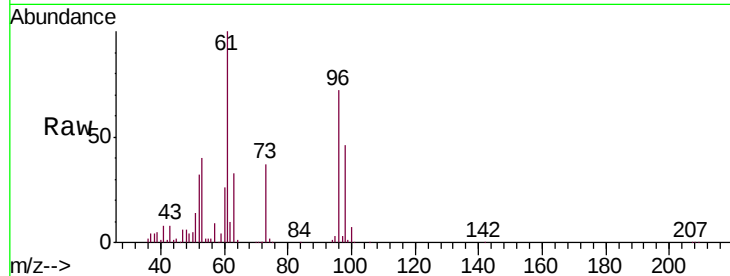
Tgt Ion: 96 Resp: 147914

Ion Ratio Lower Upper

96 100

61 139.2 107.0 160.6

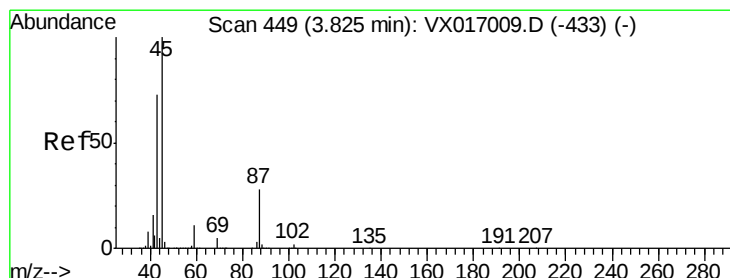
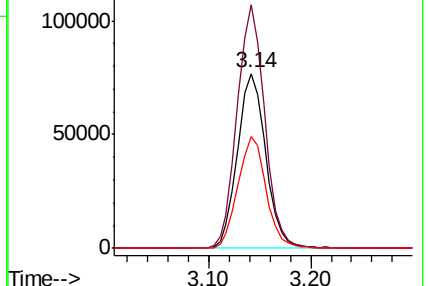
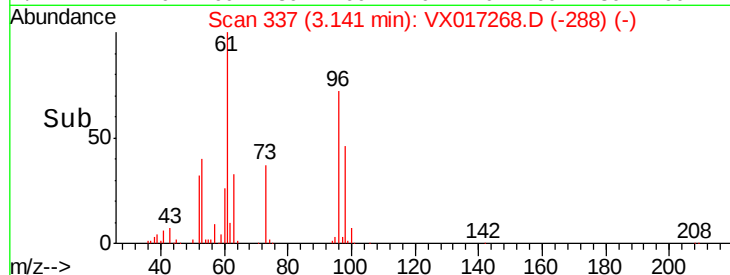
98 64.0 51.6 77.4



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: 50.343 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Tgt Ion: 45 Resp: 473686

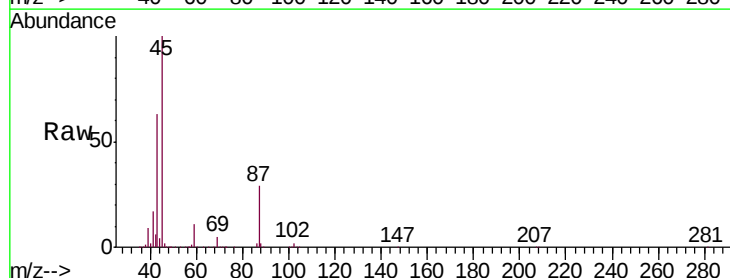
Ion Ratio Lower Upper

45 100

43 62.5 58.6 88.0

87 29.5 22.6 34.0

59 10.9 8.7 13.1

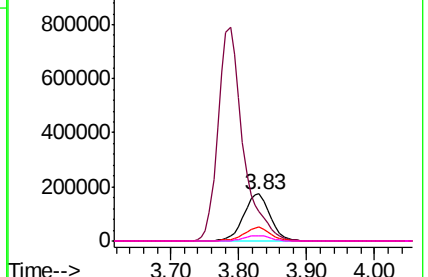
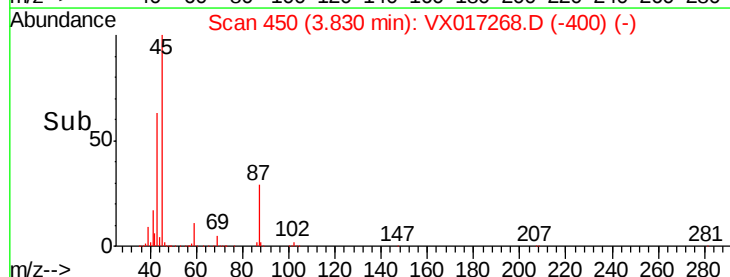


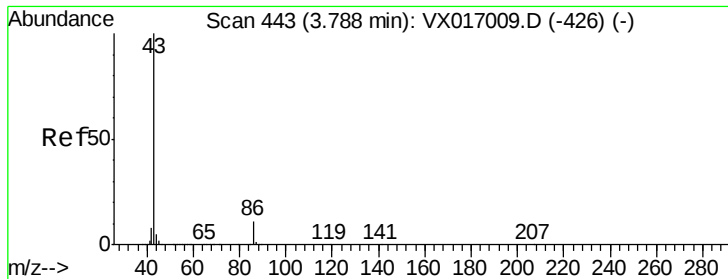
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 248.840 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

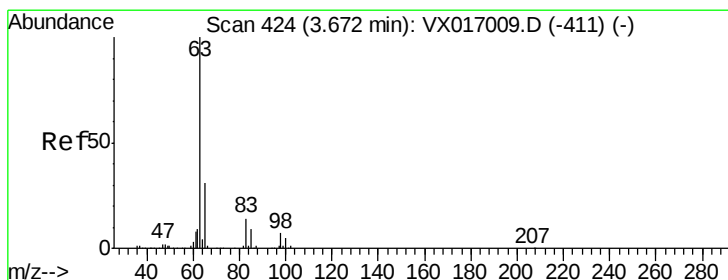
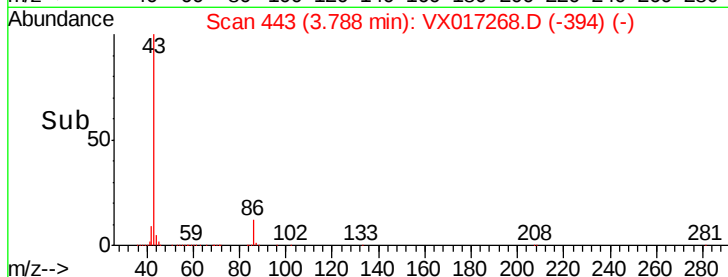
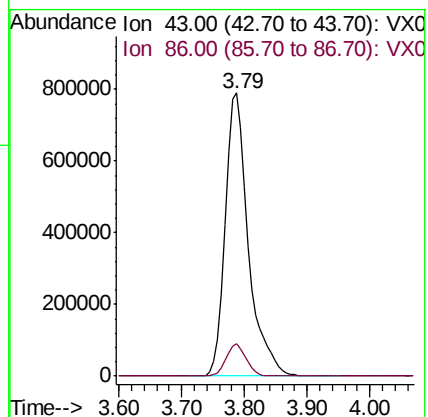
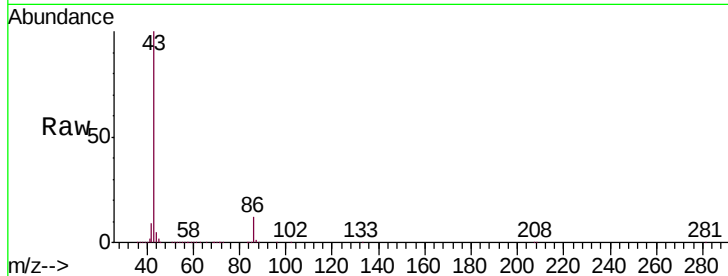
MH-117N-20200630MS

Tgt Ion: 43 Resp: 2011959

Ion Ratio Lower Upper

43 100

86 11.7 8.6 13.0



#24

1,1-Dichloroethane

Concen: 49.612 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

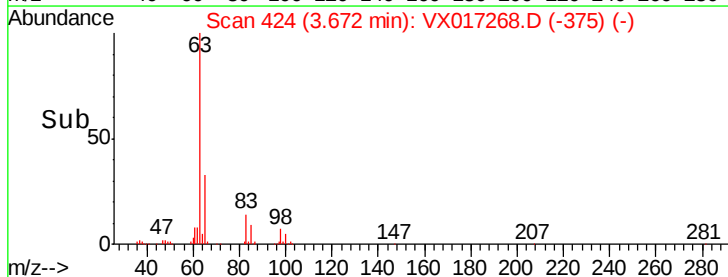
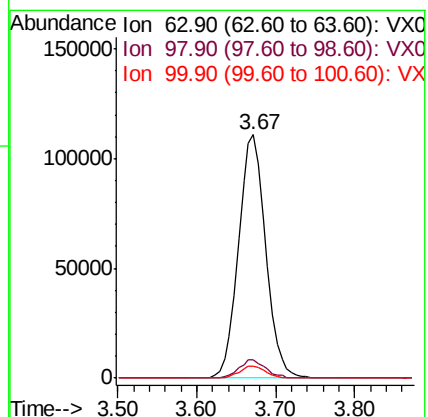
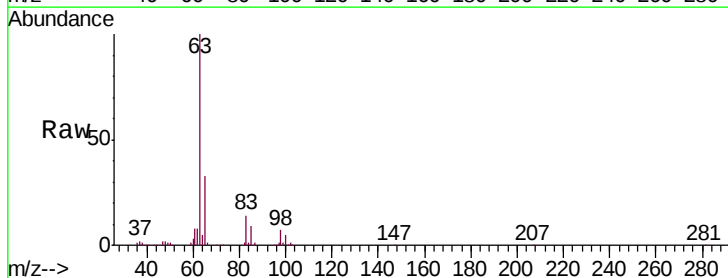
Tgt Ion: 63 Resp: 265608

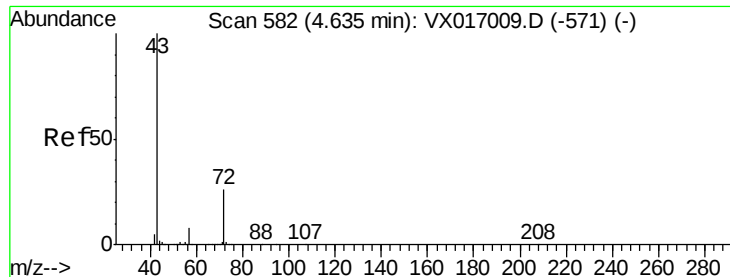
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 261.162 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

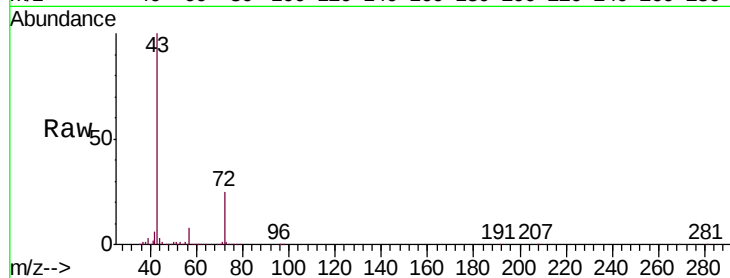
MH-117N-20200630MS

Tgt Ion: 43 Resp: 557994

Ion Ratio Lower Upper

43 100

72 24.9 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.63

200000

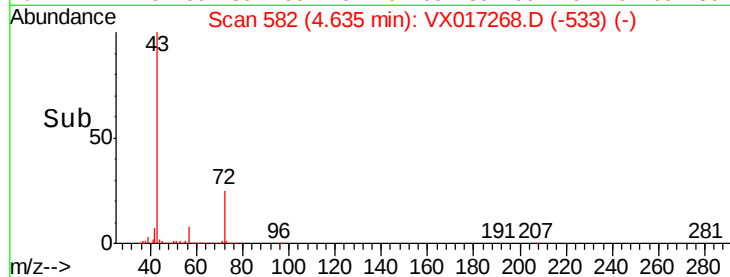
150000

100000

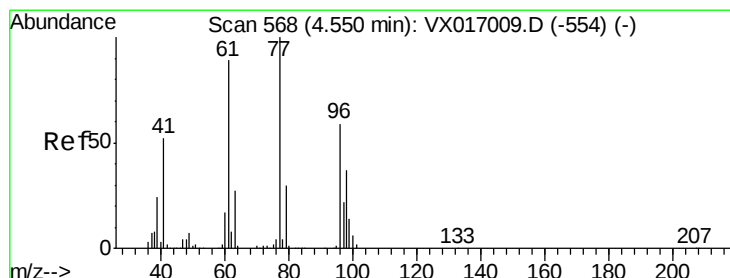
50000

0

Time-->



Time-->



#26

2,2-Dichloropropane

Concen: 45.597 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017268.D

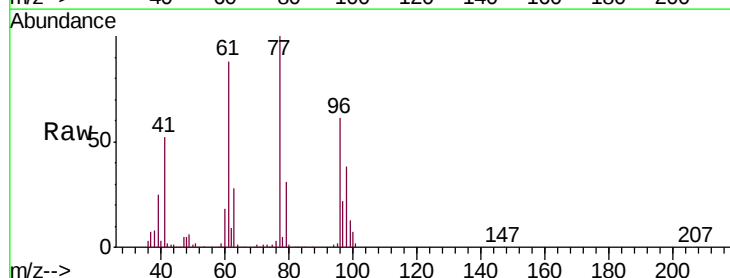
Acq: 08 Jul 2020 20:00

Tgt Ion: 77 Resp: 216753

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.55

80000

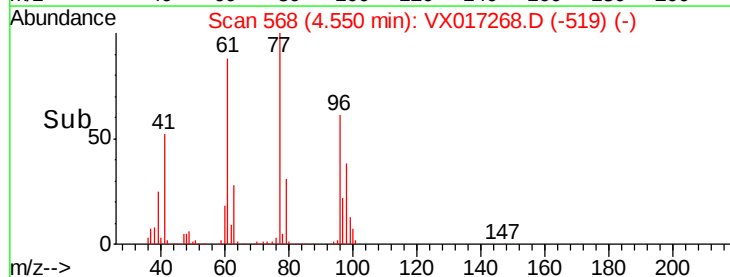
60000

40000

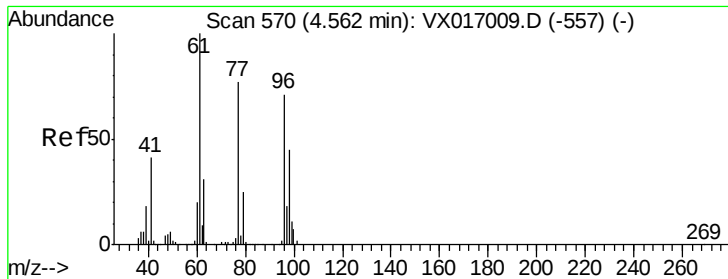
20000

0

Time-->



Time-->

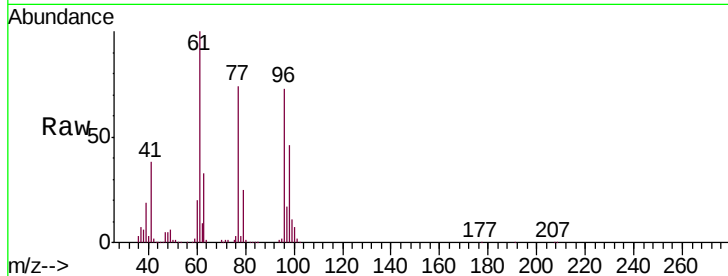


#27

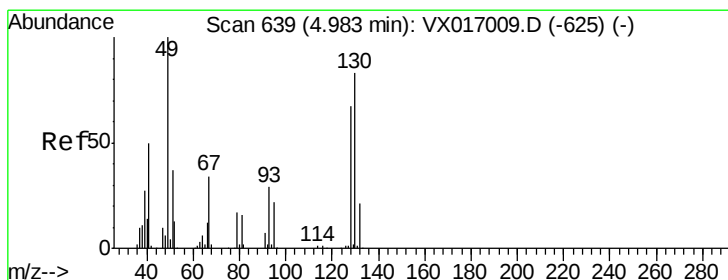
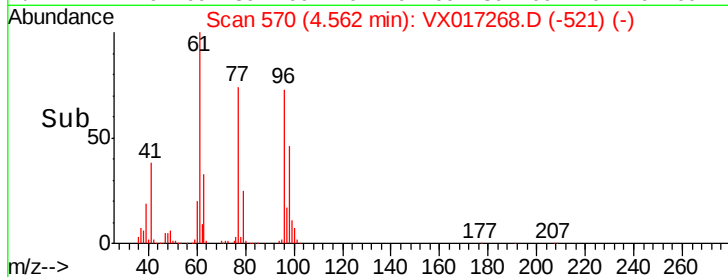
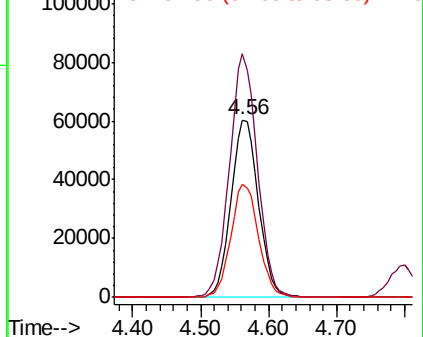
cis-1,2-Dichloroethene
Concen: 48.867 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

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

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.5	0.0	282.8
98	64.3	0.0	127.6



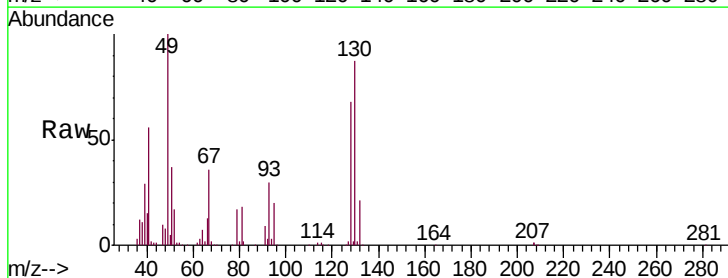
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



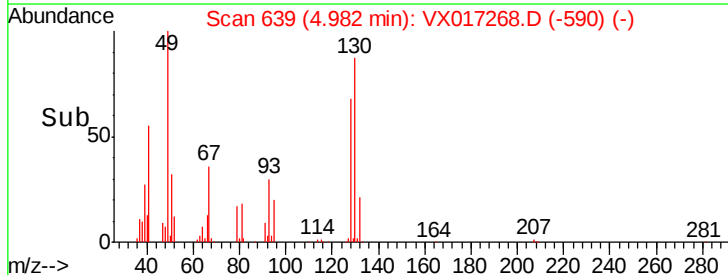
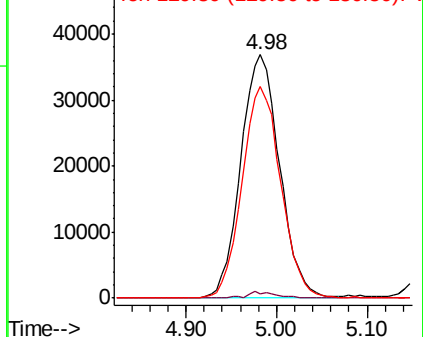
#28

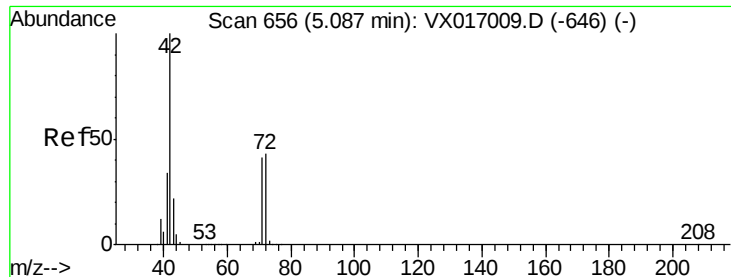
Bromochloromethane
Concen: 42.097 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	86.4	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

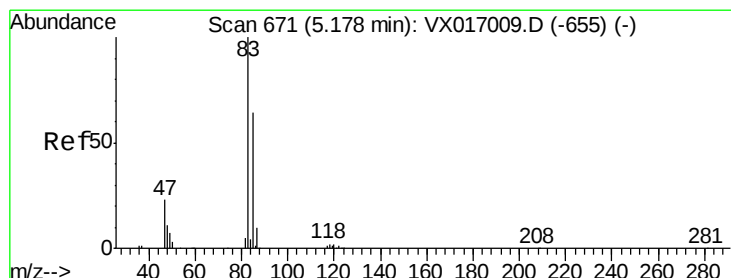
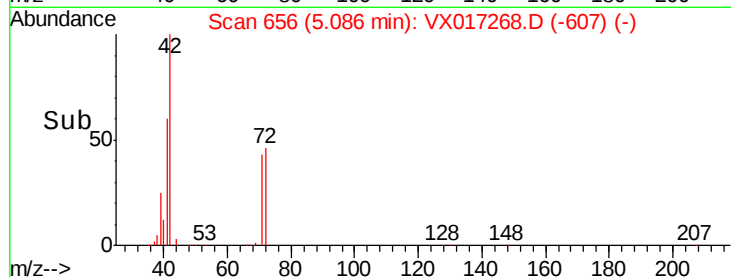
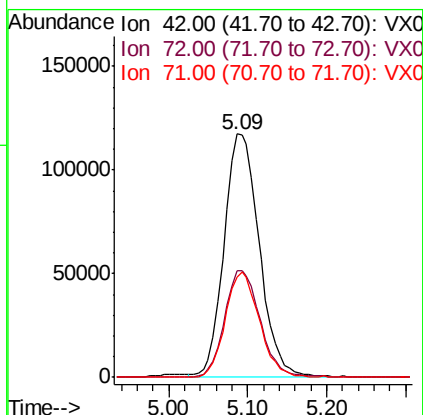
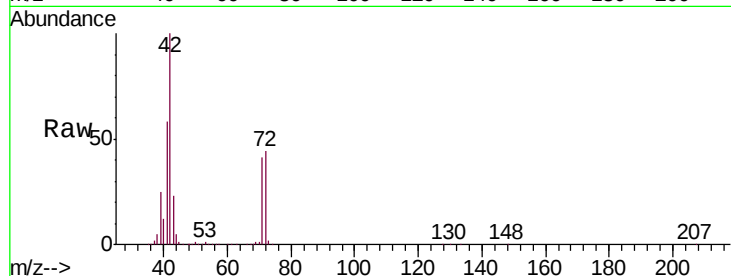




#29
Tetrahydrofuran
Concen: 256.725 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

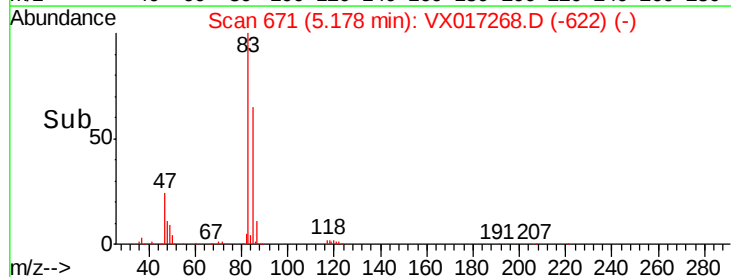
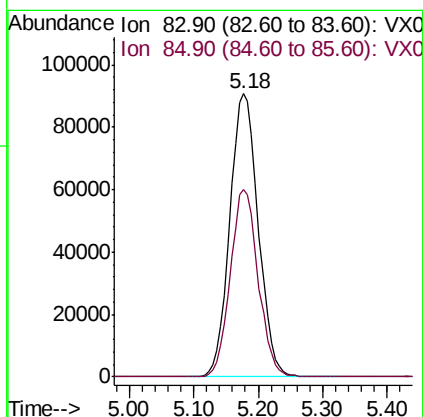
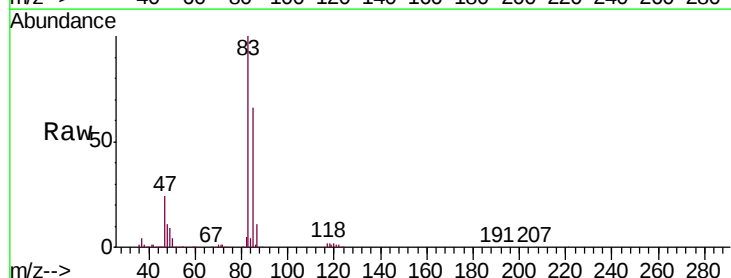
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MS

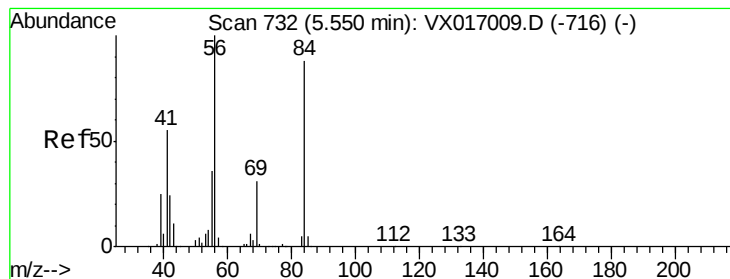
Tgt Ion: 42 Resp: 362415
Ion Ratio Lower Upper
42 100
72 44.9 35.3 52.9
71 42.2 33.1 49.7



#30
Chloroform
Concen: 50.919 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

Tgt Ion: 83 Resp: 279453
Ion Ratio Lower Upper
83 100
85 66.4 51.4 77.2





#31

Cyclohexane

Concen: 46.313 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MS

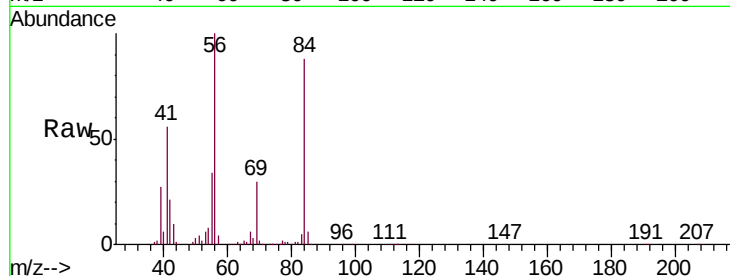
Tgt Ion: 56 Resp: 214322

Ion Ratio Lower Upper

56 100

69 29.8 25.0 37.4

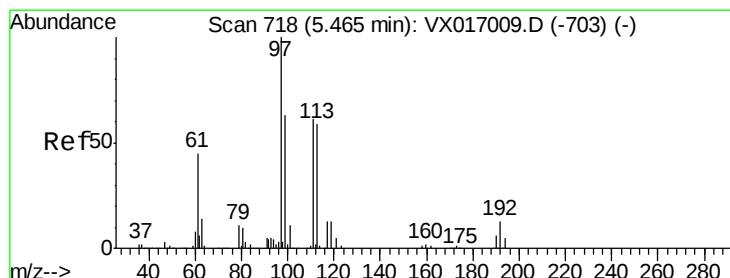
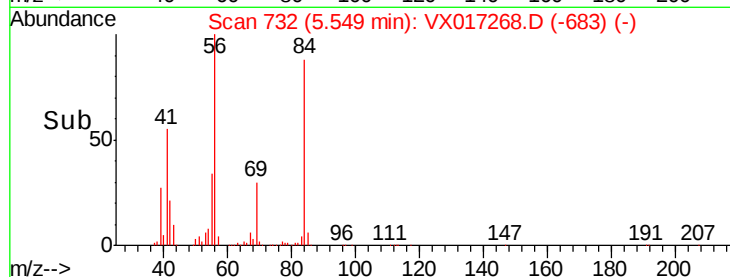
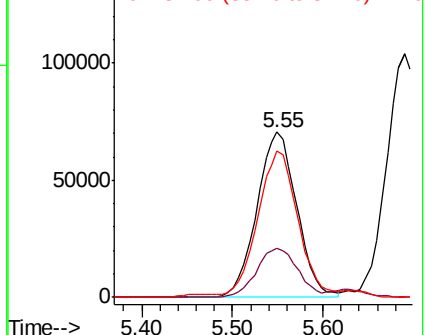
84 86.8 69.1 103.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.855 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

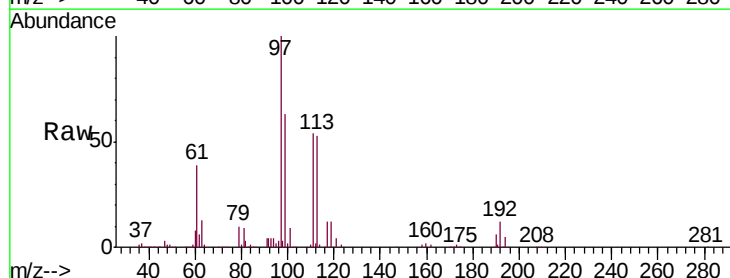
Tgt Ion: 97 Resp: 257040

Ion Ratio Lower Upper

97 100

99 64.5 50.8 76.2

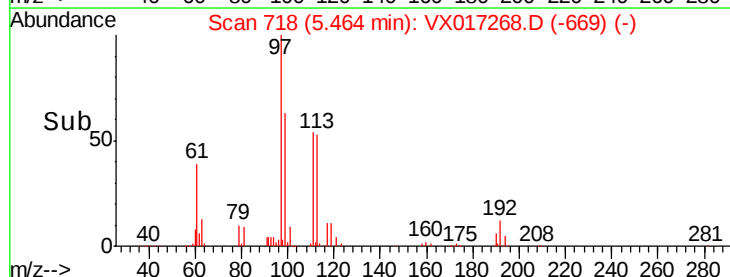
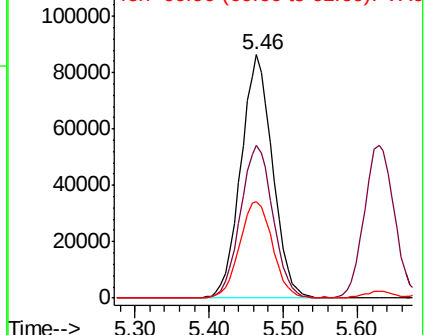
61 41.4 33.7 50.5

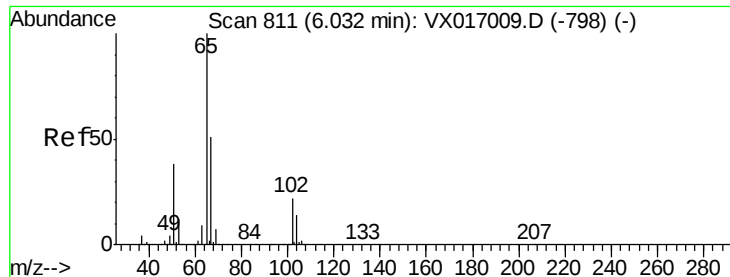


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.509 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

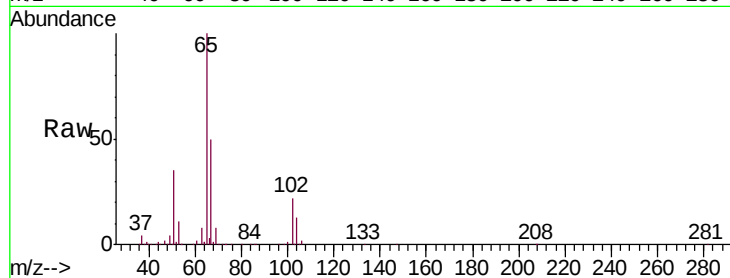
MH-117N-20200630MS

Tgt Ion: 65 Resp: 159417

Ion Ratio Lower Upper

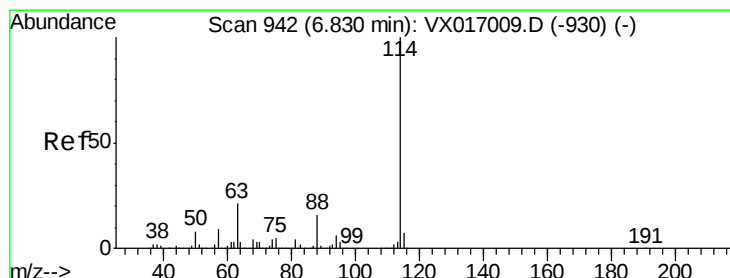
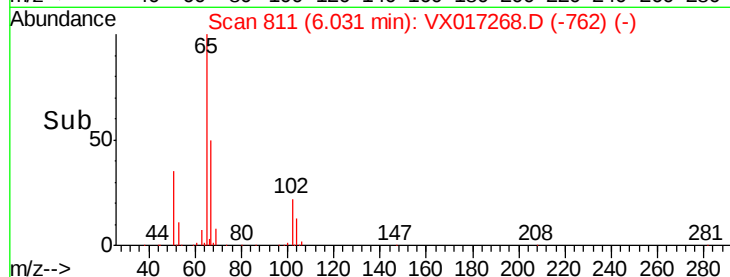
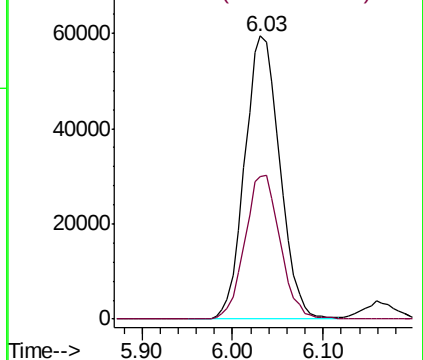
65 100

67 50.9 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: VX017268.D

Acq: 08 Jul 2020 20:00

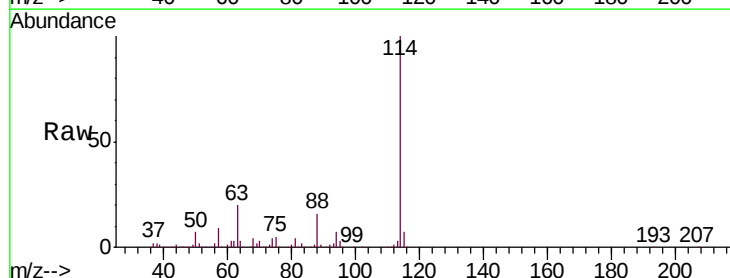
Tgt Ion: 114 Resp: 419548

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.4

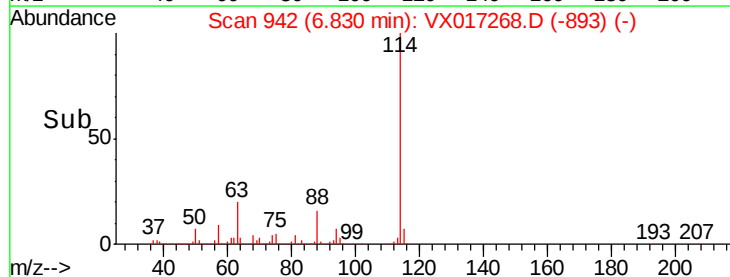
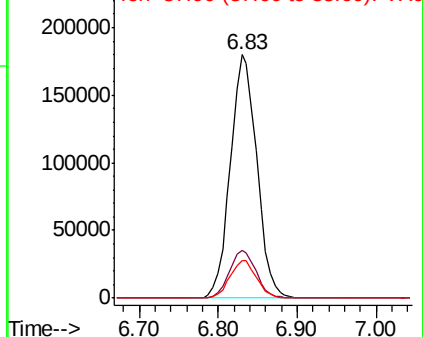
88 15.5 0.0 32.4

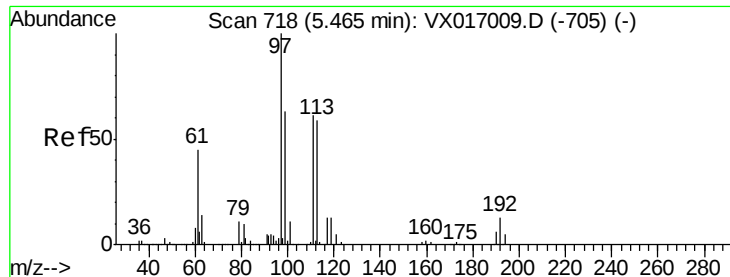


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.841 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MS

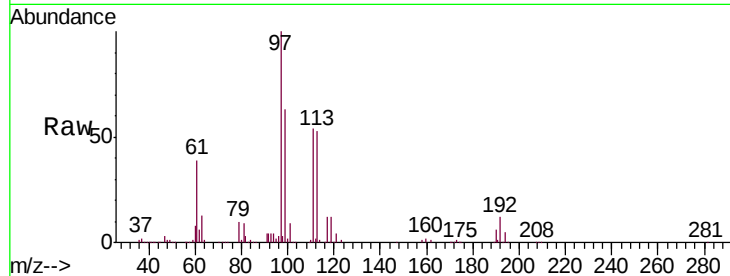
Tgt Ion: 113 Resp: 129622

Ion Ratio Lower Upper

113 100

111 103.9 81.9 122.9

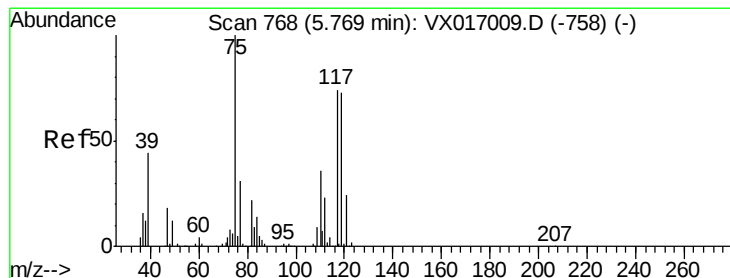
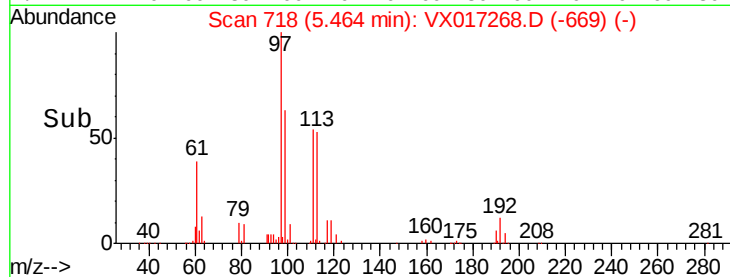
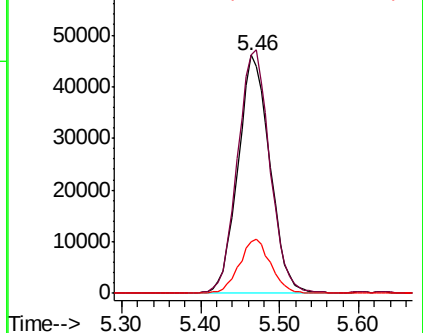
192 22.3 16.7 25.1



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: 50.035 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

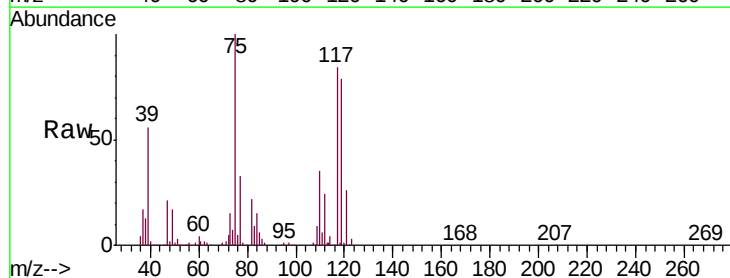
Tgt Ion: 75 Resp: 198399

Ion Ratio Lower Upper

75 100

110 36.7 18.1 54.1

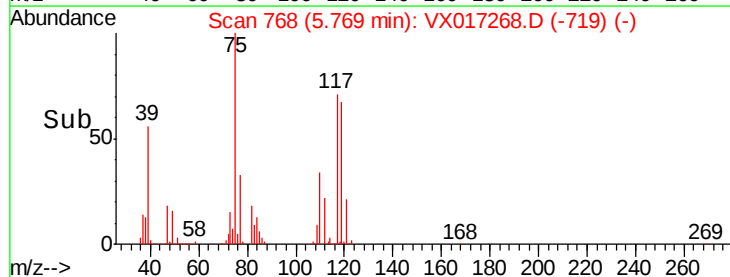
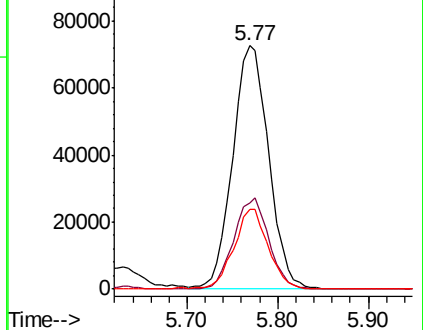
77 31.7 24.6 37.0

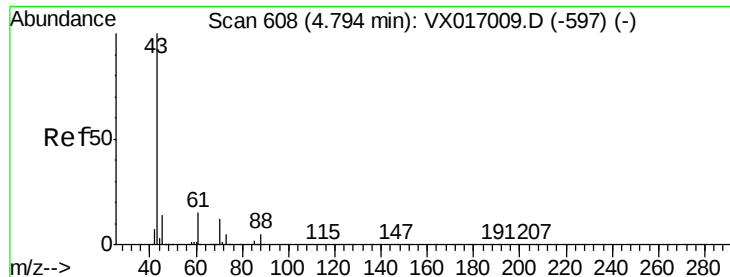


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

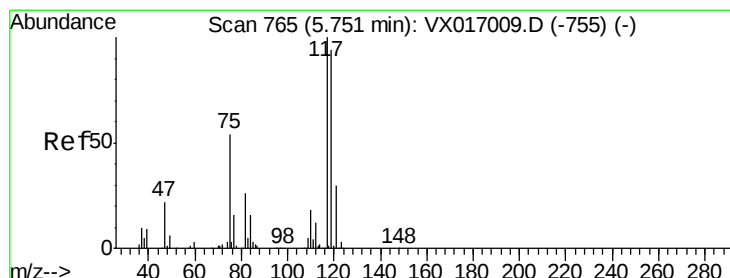
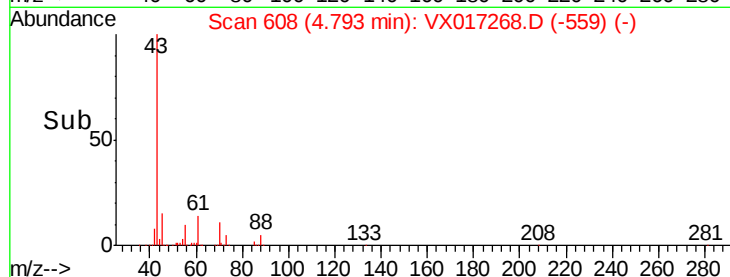
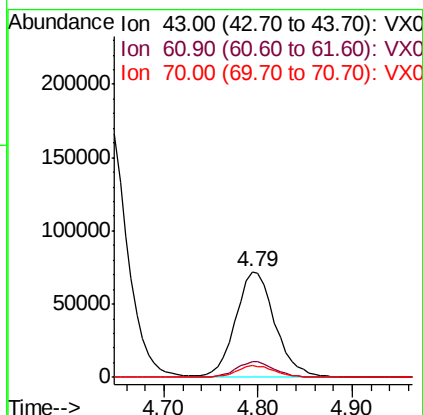
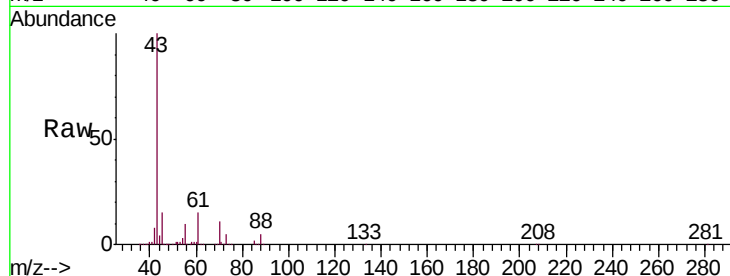




#37
 Ethyl Acetate
 Concen: 51.575 ug/l
 RT: 4.79 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

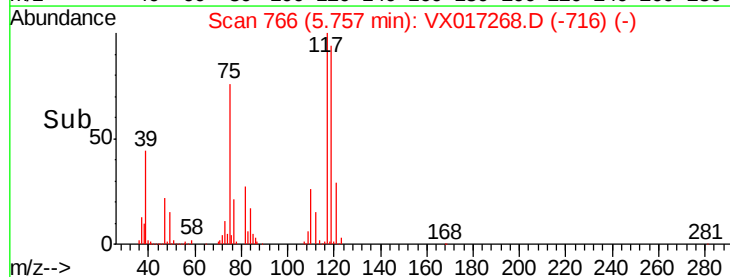
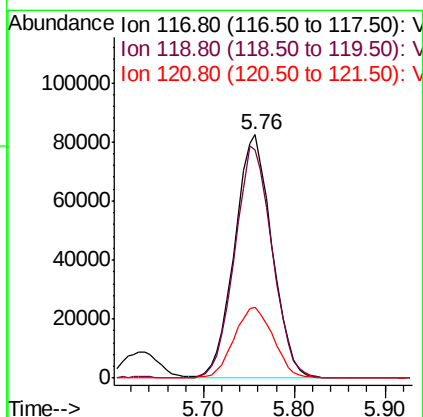
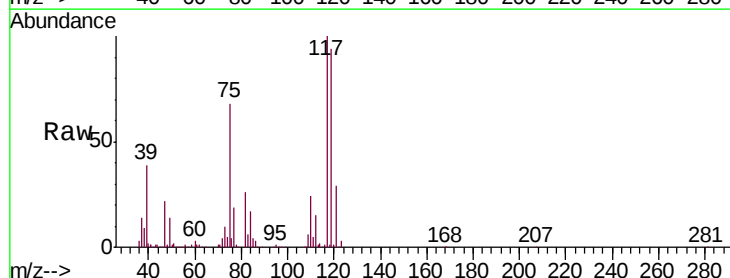
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20200630MS

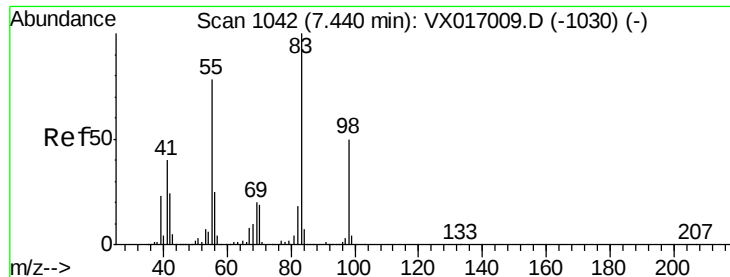
Tgt Ion: 43 Resp: 207497
 Ion Ratio Lower Upper
 43 100
 61 14.5 11.0 16.4
 70 11.4 8.9 13.3



#38
 Carbon Tetrachloride
 Concen: 53.836 ug/l
 RT: 5.76 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

Tgt Ion: 117 Resp: 235123
 Ion Ratio Lower Upper
 117 100
 119 93.4 75.4 113.0
 121 29.3 23.8 35.6

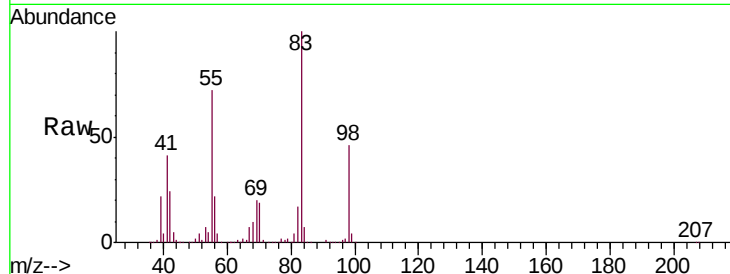




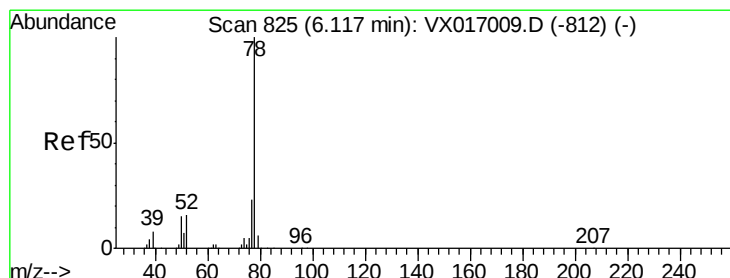
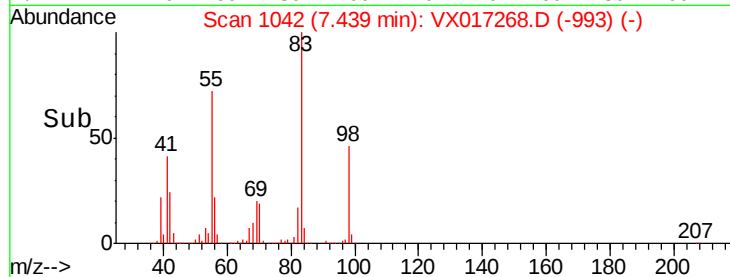
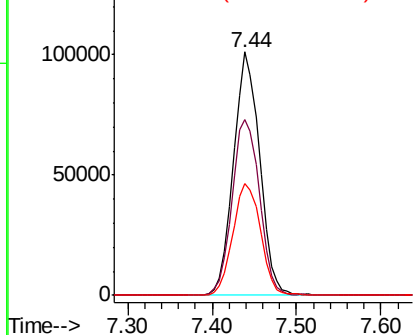
#39
Methylcyclohexane
Concen: 48.101 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

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

Tgt Ion: 83 Resp: 212212
Ion Ratio Lower Upper
83 100
55 72.2 62.5 93.7
98 45.9 40.1 60.1

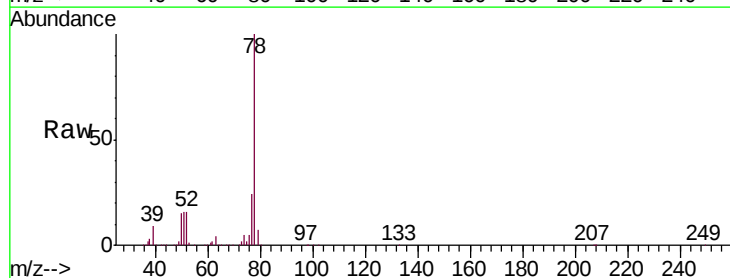


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

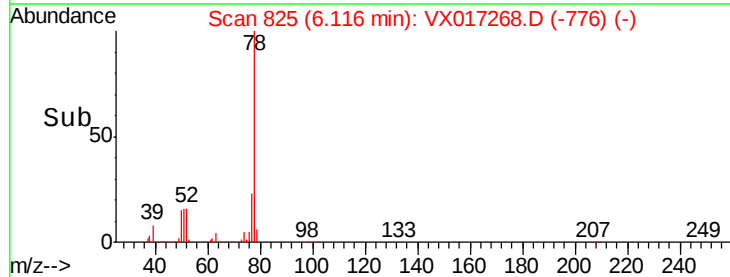
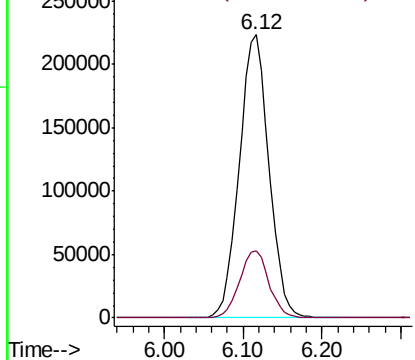


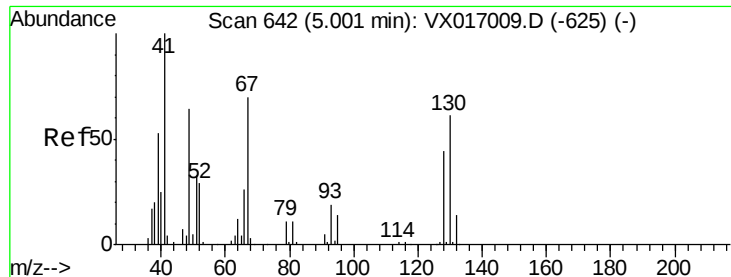
#40
Benzene
Concen: 50.116 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

Tgt Ion: 78 Resp: 583873
Ion Ratio Lower Upper
78 100
77 23.5 18.3 27.5



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

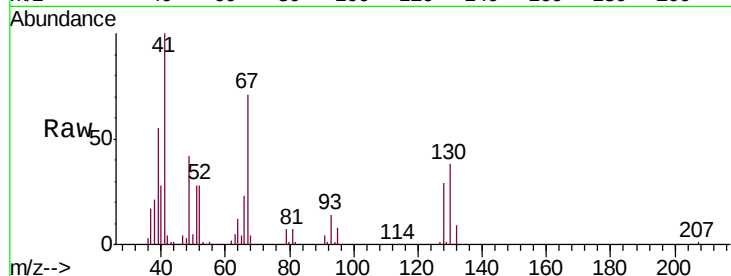




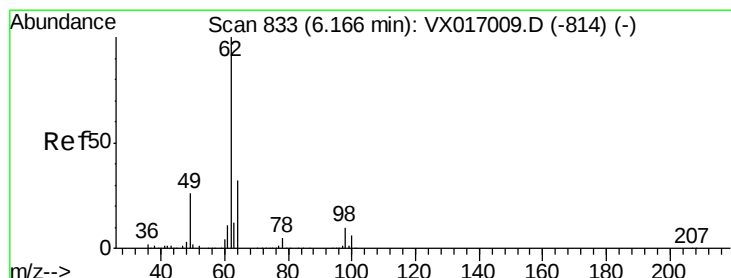
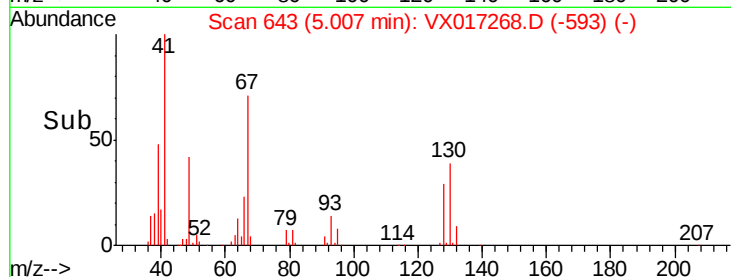
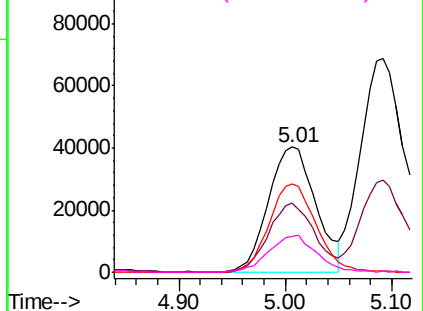
#41
Methacrylonitrile
Concen: 54.955 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

Instrument :
MSVOA_X
ClientSampled :
MH-117N-20200630MS

Tgt Ion:	41	Resp:	124436
Ion	Ratio	Lower	Upper
41	100		
39	53.7	44.4	66.6
67	70.3	57.1	85.7
52	28.8	23.2	34.8

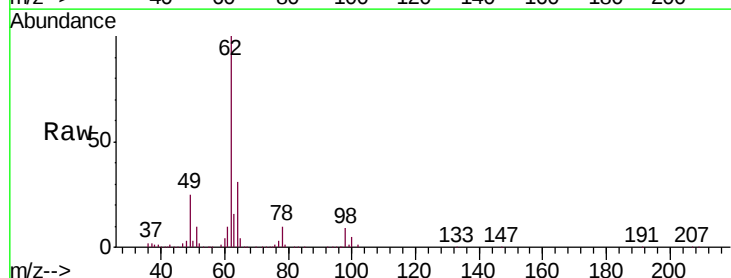


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

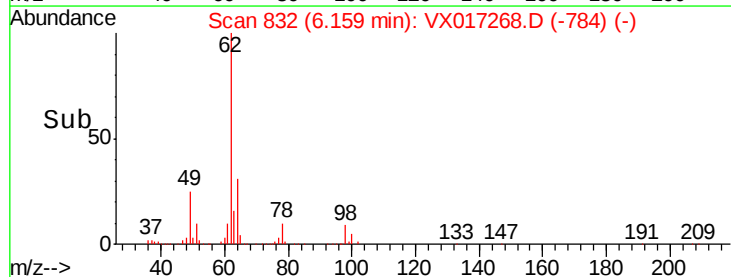
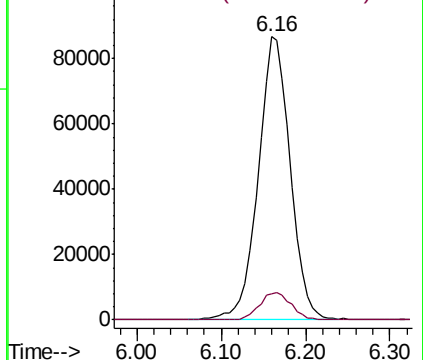


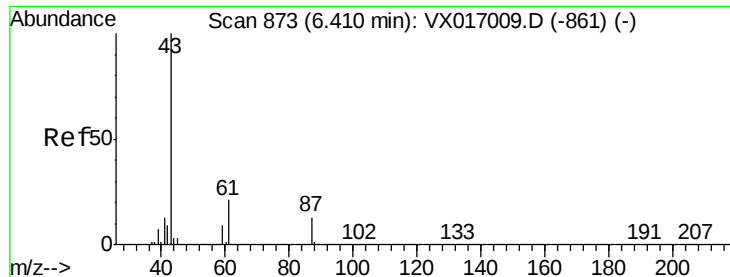
#42
1,2-Dichloroethane
Concen: 53.716 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

Tgt Ion:	62	Resp:	226051
Ion	Ratio	Lower	Upper
62	100		
98	9.7	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: 52.045 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MS

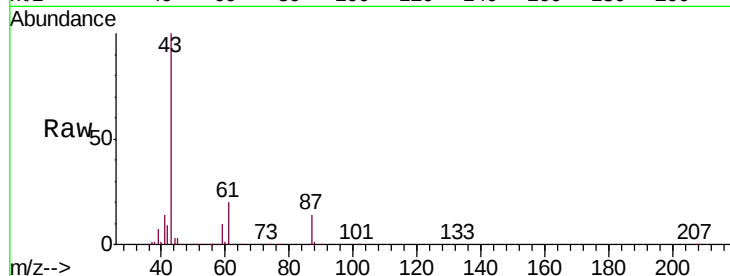
Tgt Ion: 43 Resp: 347936

Ion Ratio Lower Upper

43 100

61 20.2 16.2 24.2

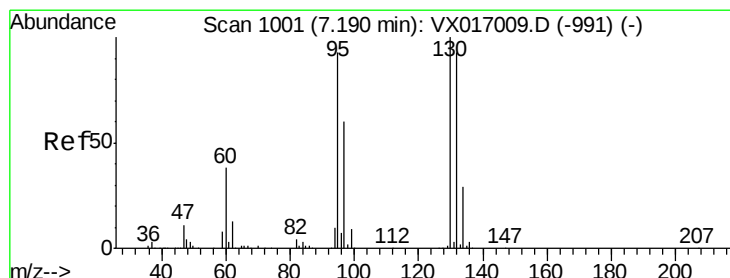
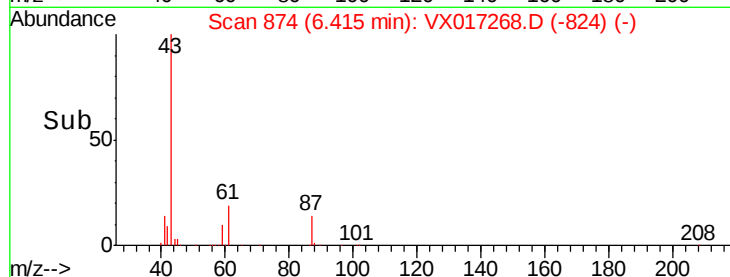
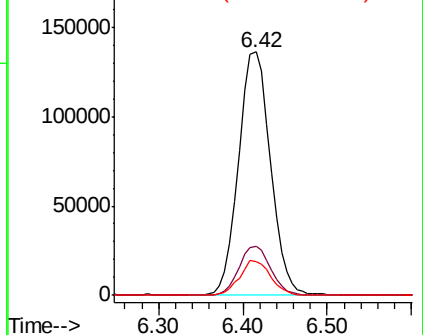
87 13.9 10.7 16.1



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: 53.898 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017268.D

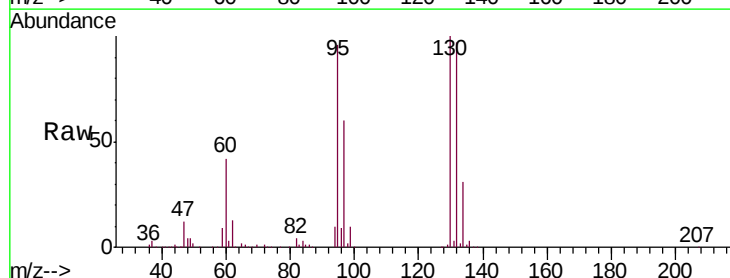
Acq: 08 Jul 2020 20:00

Tgt Ion: 130 Resp: 173203

Ion Ratio Lower Upper

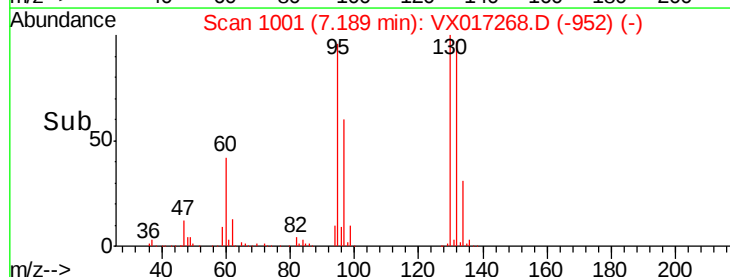
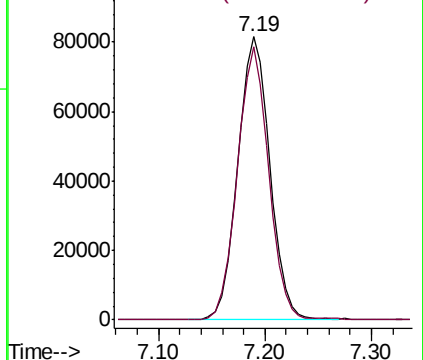
130 100

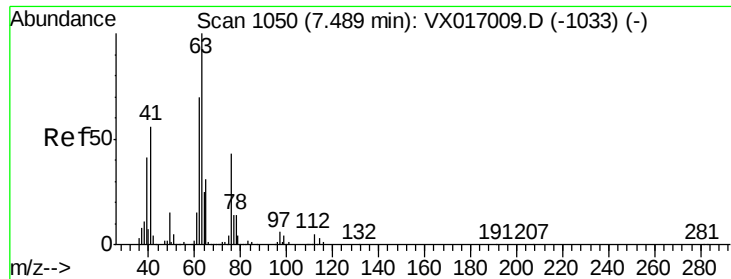
95 96.4 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

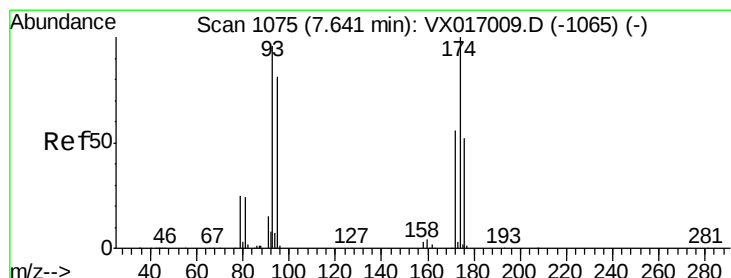
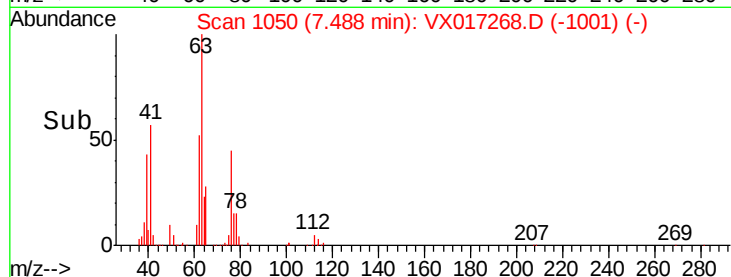
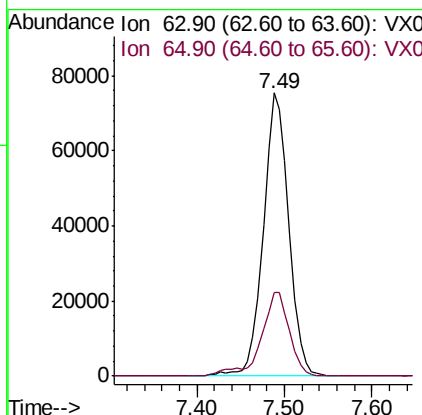
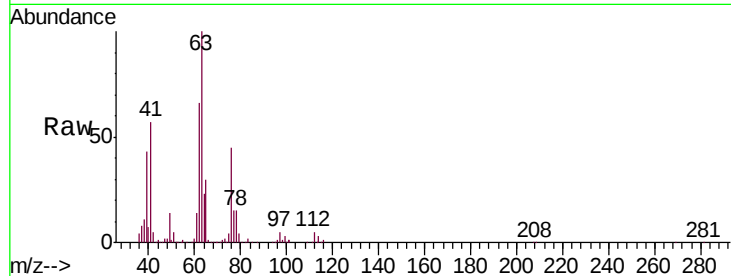




#45
 1,2-Dichloropropane
 Concen: 51.246 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

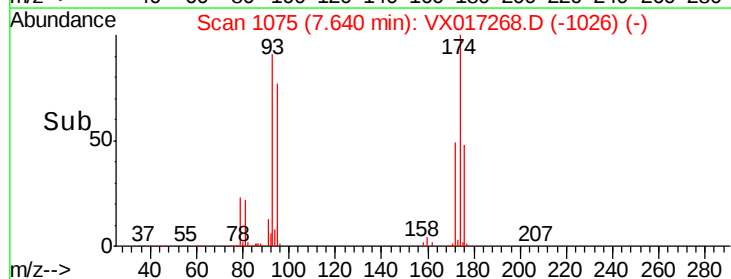
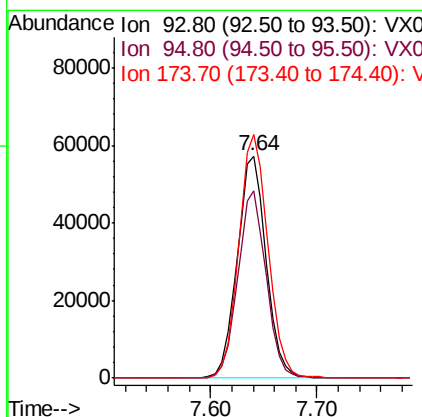
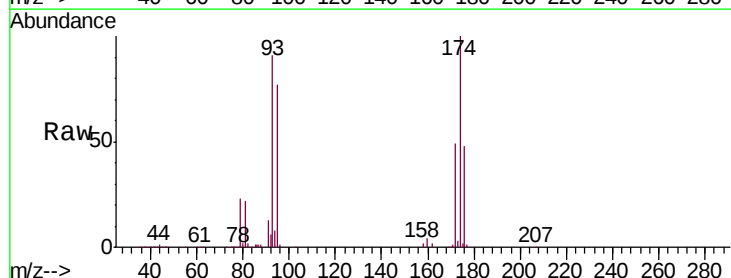
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20200630MS

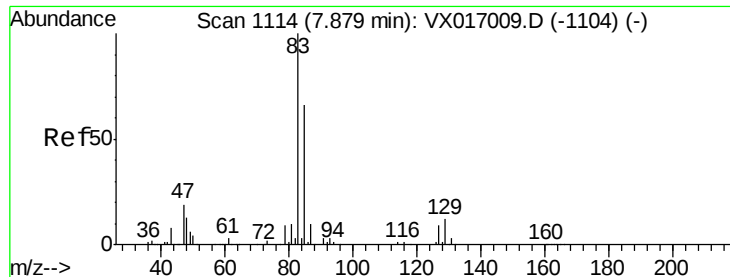
Tgt Ion: 63 Resp: 153345
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.6 36.8



#46
 Dibromomethane
 Concen: 53.461 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

Tgt Ion: 93 Resp: 109218
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.4 101.0
 174 110.7 84.3 126.5





#47

Bromodichloromethane

Concen: 54.763 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MS

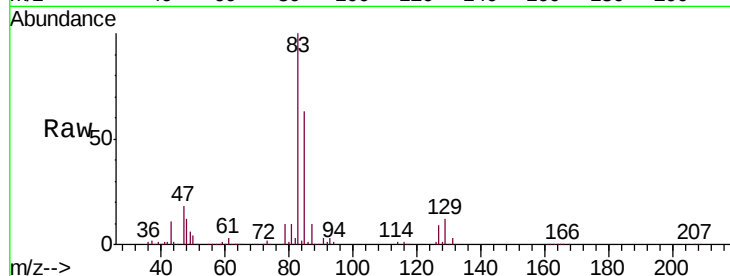
Tgt Ion: 83 Resp: 230558

Ion Ratio Lower Upper

83 100

85 63.4 53.0 79.4

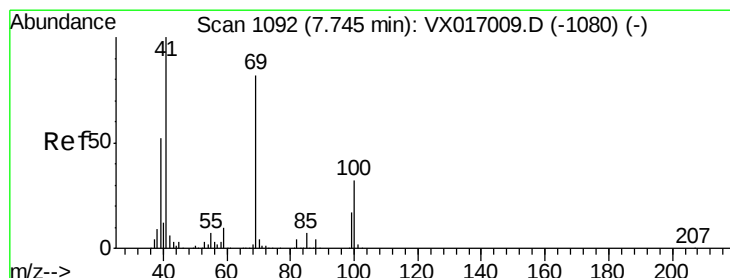
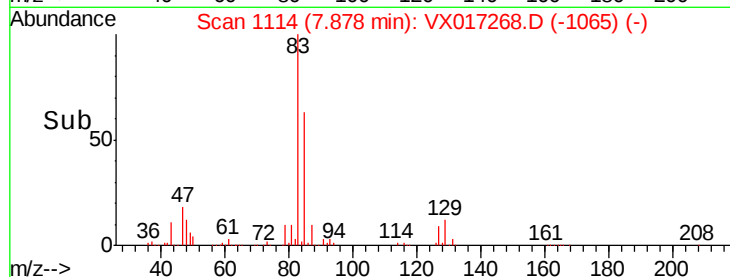
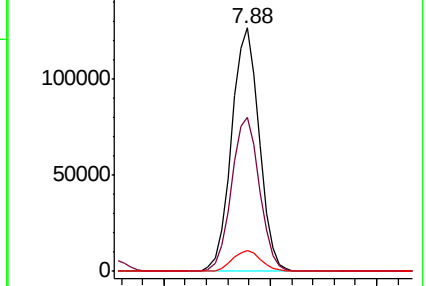
127 8.8 7.5 11.3



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: 55.899 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

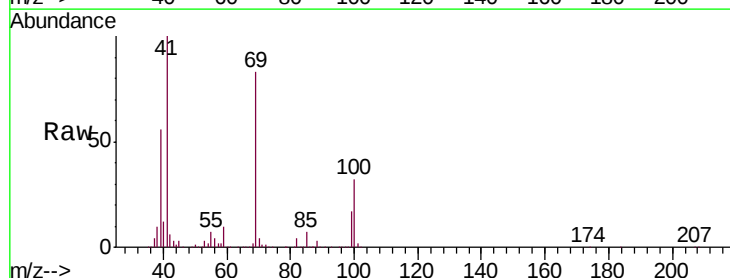
Tgt Ion: 41 Resp: 177546

Ion Ratio Lower Upper

41 100

69 83.9 65.8 98.8

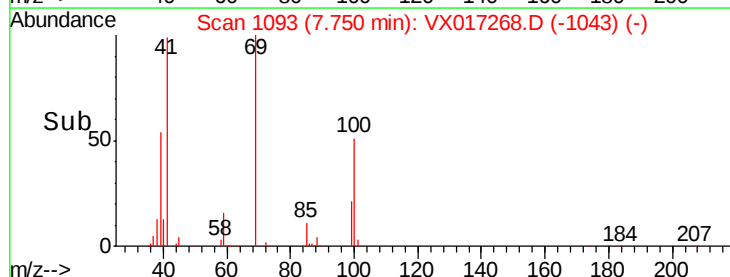
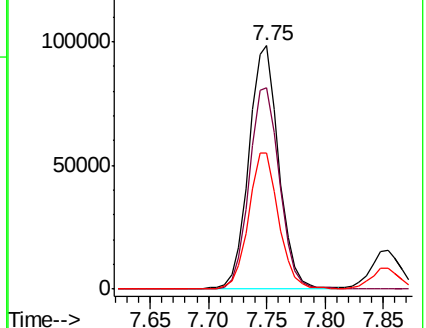
39 56.3 42.5 63.7

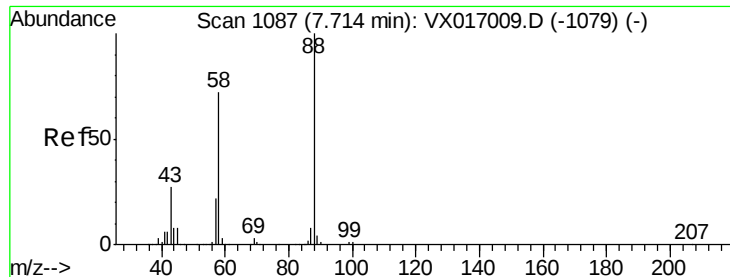


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

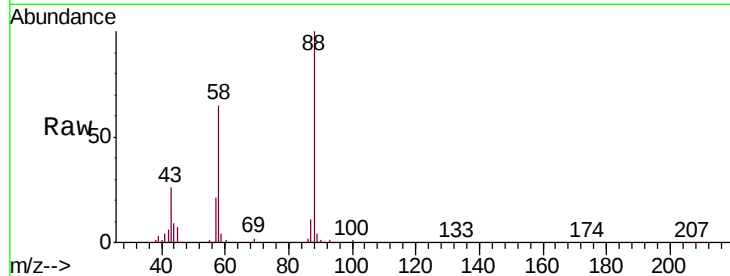




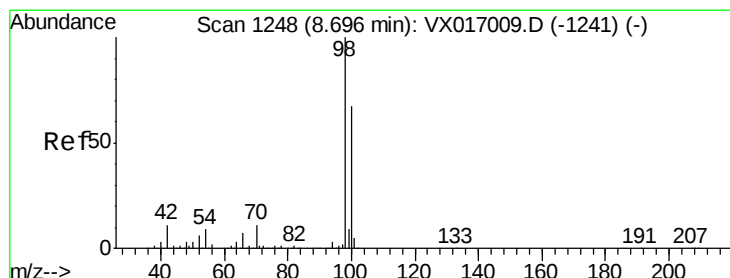
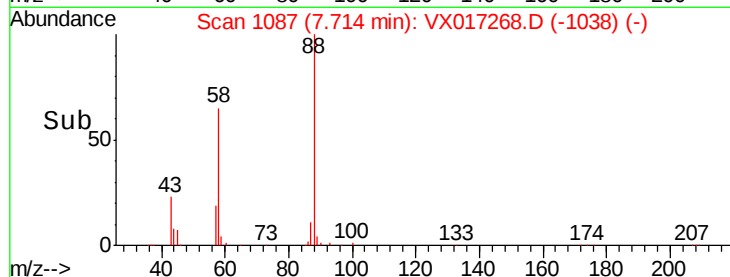
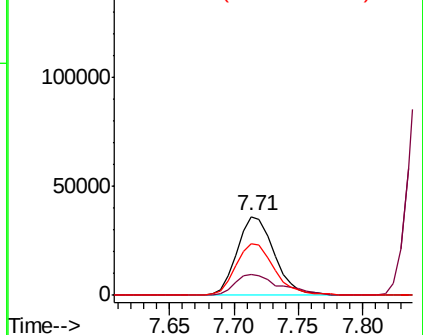
#49
1,4-Dioxane
Concen: 1008.627 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

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

Tgt Ion: 88 Resp: 72576
Ion Ratio Lower Upper
88 100
43 31.9 25.8 38.8
58 68.4 54.8 82.2

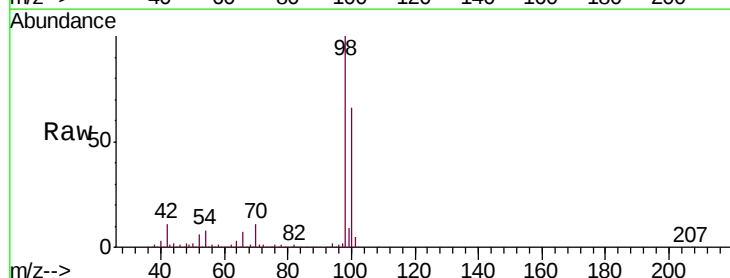


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

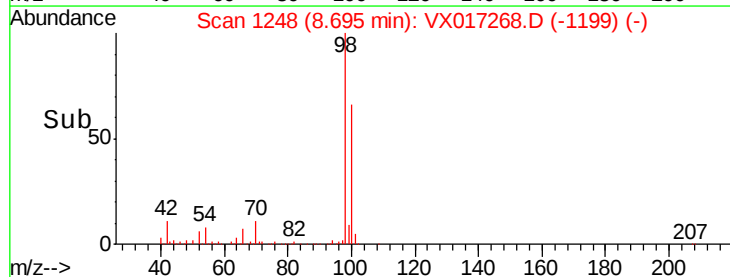
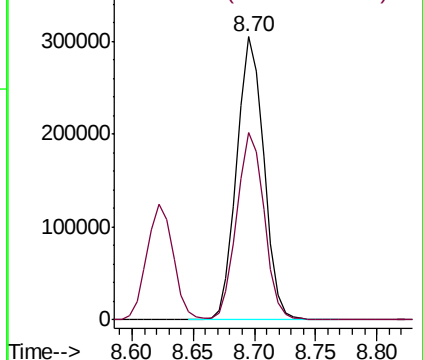


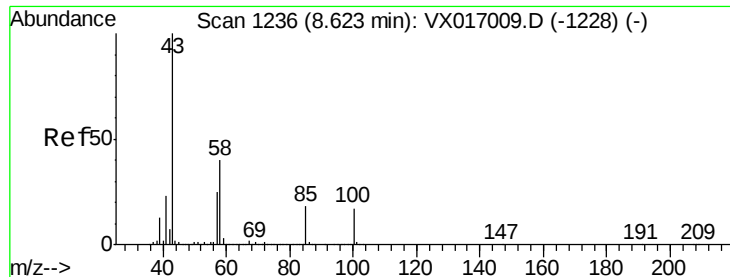
#50
Toluene-d8
Concen: 47.788 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

Tgt Ion: 98 Resp: 468982
Ion Ratio Lower Upper
98 100
100 67.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

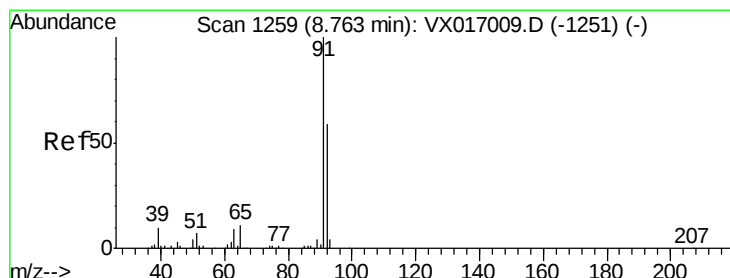
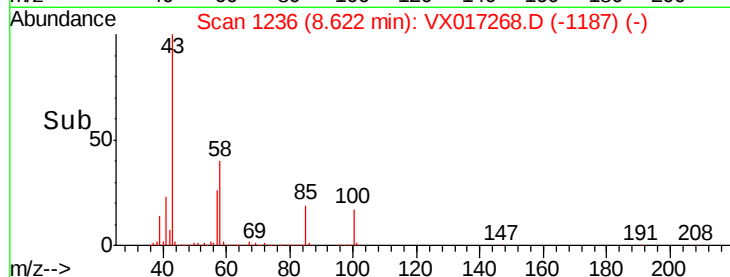
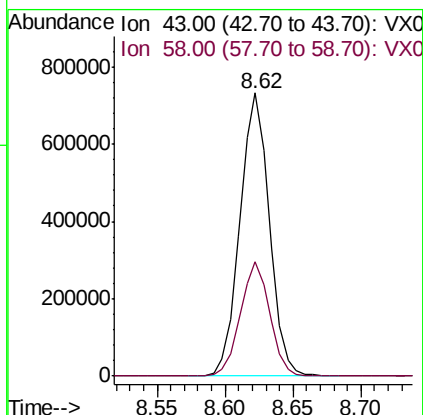
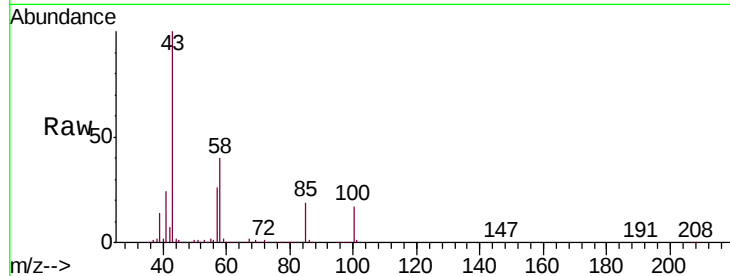




#51
 4-Methyl-2-Pentanone
 Concen: 277.714 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

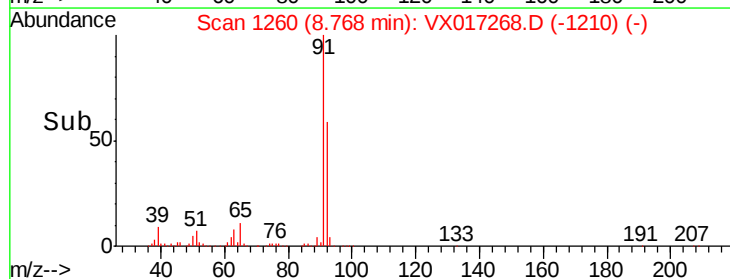
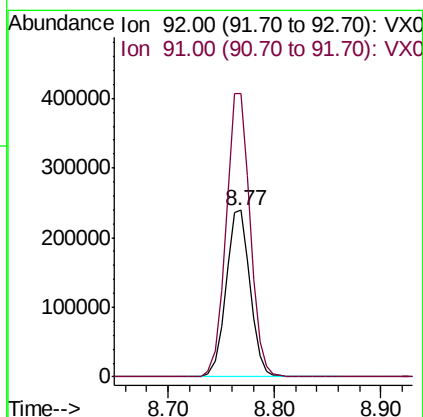
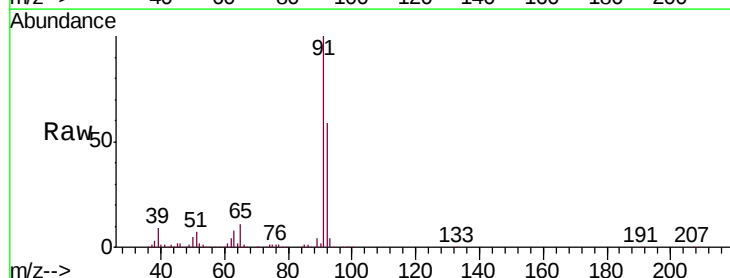
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20200630MS

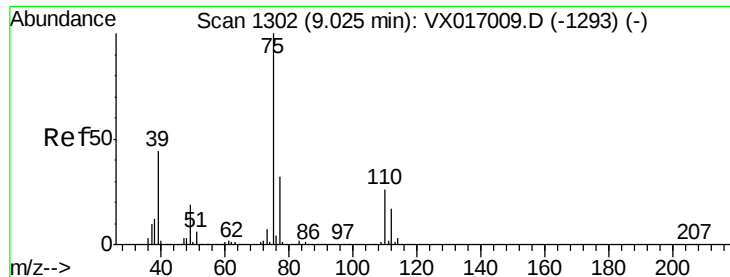
Tgt Ion: 43 Resp: 1106725
 Ion Ratio Lower Upper
 43 100
 58 40.2 31.9 47.9



#52
 Toluene
 Concen: 52.054 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

Tgt Ion: 92 Resp: 378635
 Ion Ratio Lower Upper
 92 100
 91 169.7 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 53.570 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

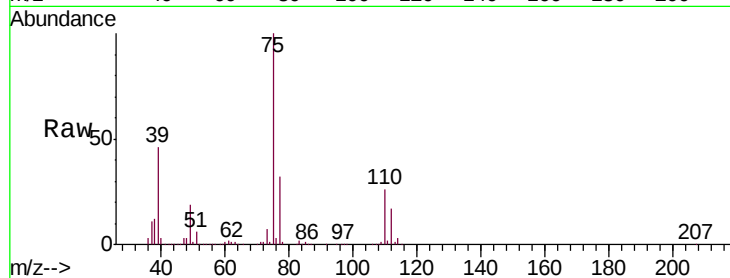
MH-117N-20200630MS

Tgt Ion: 75 Resp: 248841

Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

200000

150000

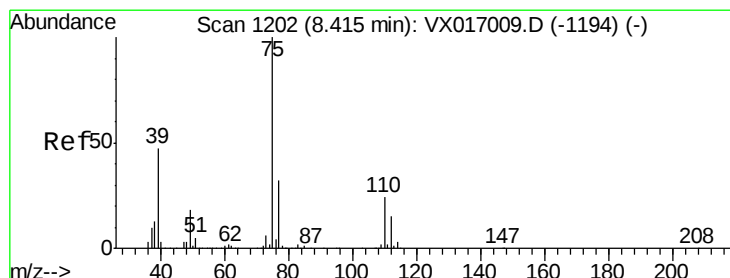
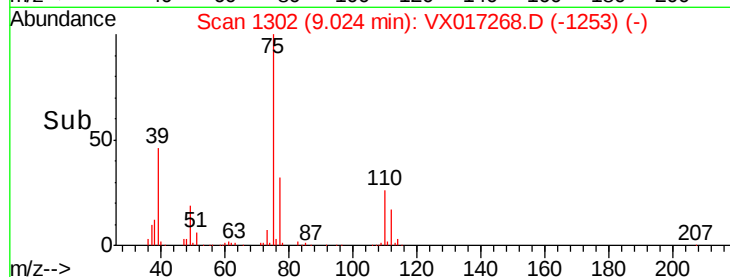
100000

50000

0

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.962 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

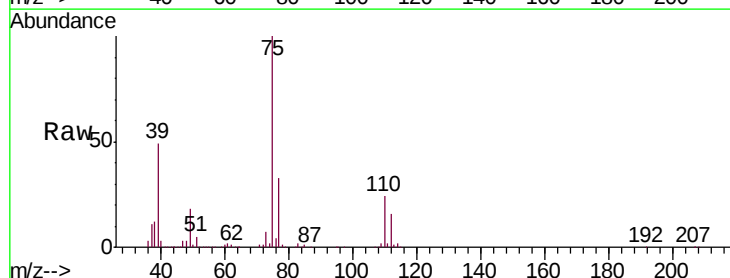
Tgt Ion: 75 Resp: 253770

Ion Ratio Lower Upper

75 100

77 33.5 25.2 37.8

39 48.7 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.41

200000

150000

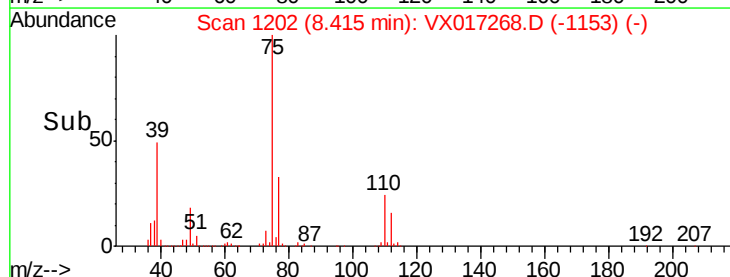
100000

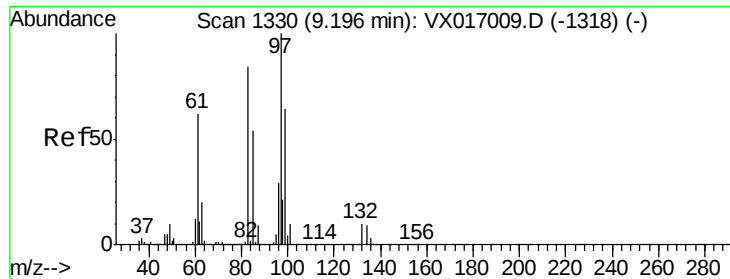
50000

0

8.30 8.40 8.50

Time-->

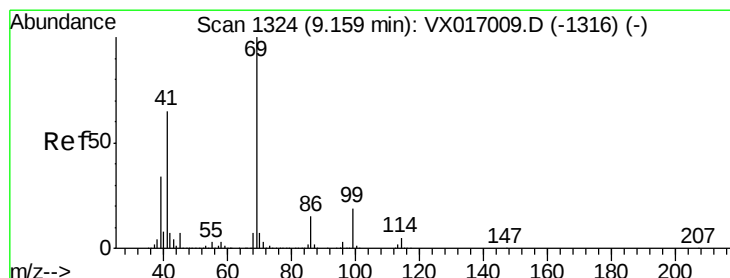
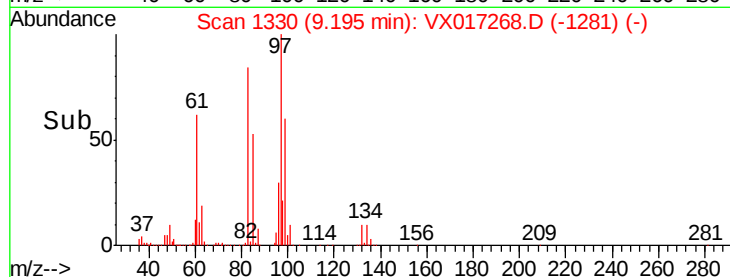
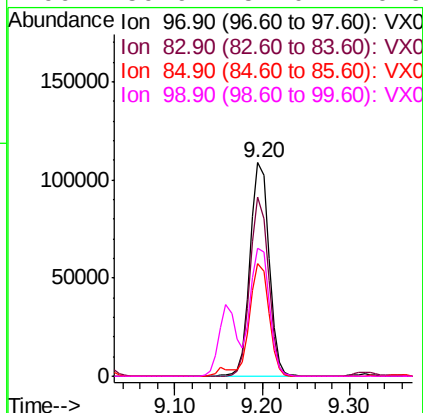
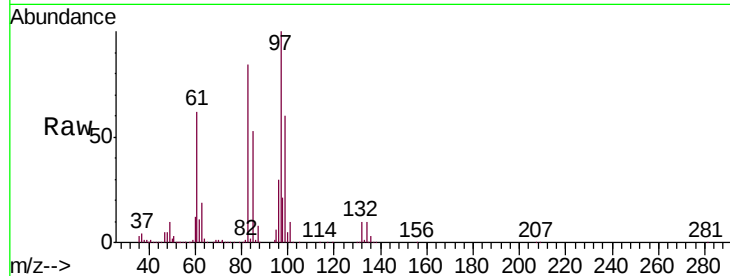




#55
 1,1,2-Trichloroethane
 Concen: 54.717 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

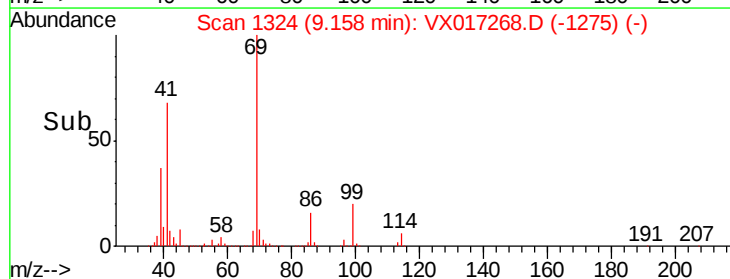
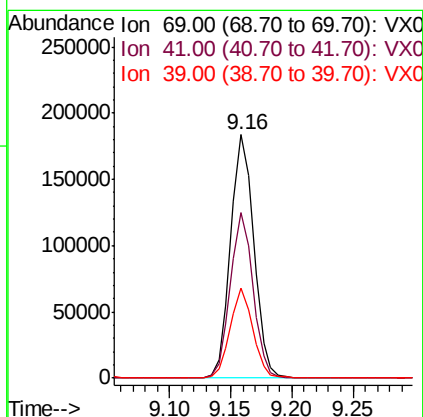
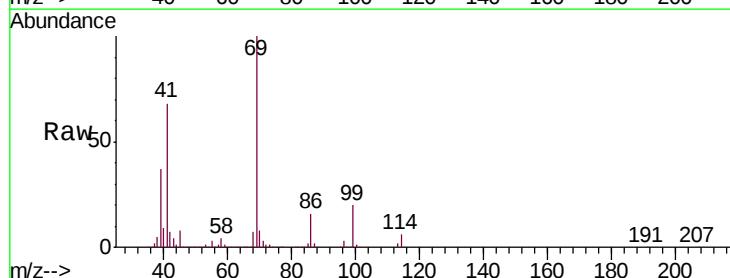
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20200630MS

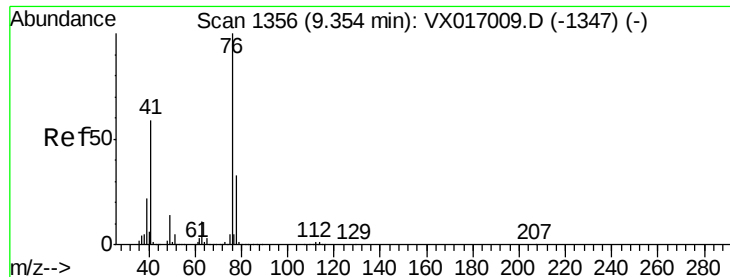
Tgt Ion:	97	Resp:	162613
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.0	100.6
85	52.8	43.5	65.3
99	59.9	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 57.111 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

Tgt Ion:	69	Resp:	241580
Ion	Ratio	Lower	Upper
69	100		
41	66.4	53.6	80.4
39	36.1	28.2	42.2





#57

1,3-Dichloropropane

Concen: 52.693 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

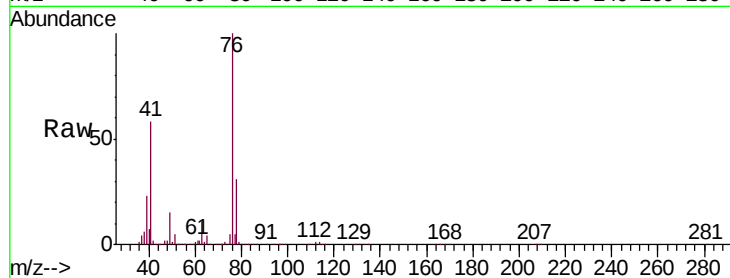
MH-117N-20200630MS

Tgt Ion: 76 Resp: 264983

Ion Ratio Lower Upper

76 100

78 32.1 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

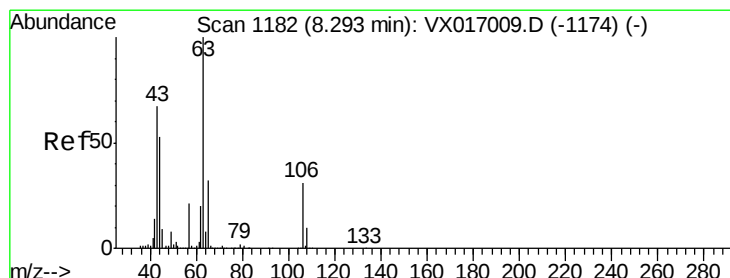
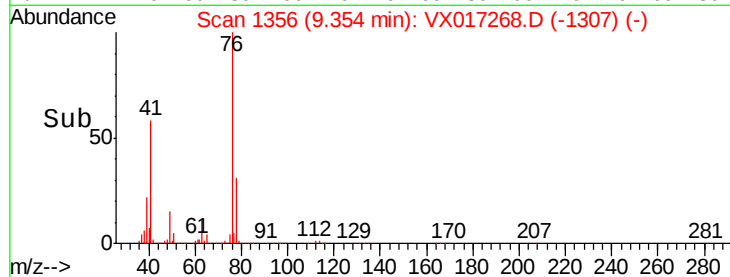
100000

50000

0

Time-->

9.30 9.35 9.40



#58

2-Chloroethyl Vinyl ether

Concen: 0.241 ug/l

RT: 8.22 min Scan# 1170

Delta R.T. -0.07 min

Lab File: VX017268.D

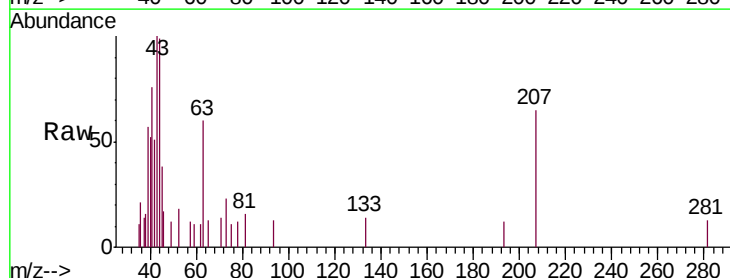
Acq: 08 Jul 2020 20:00

Tgt Ion: 63 Resp: 507

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

8.22

300

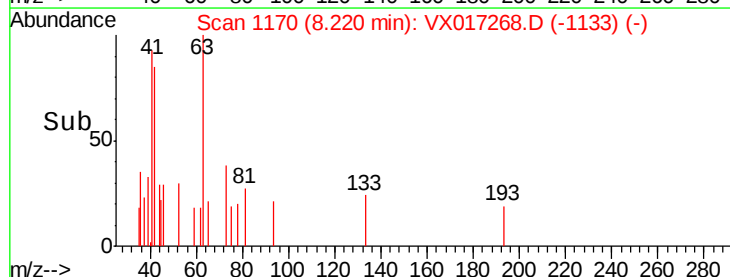
200

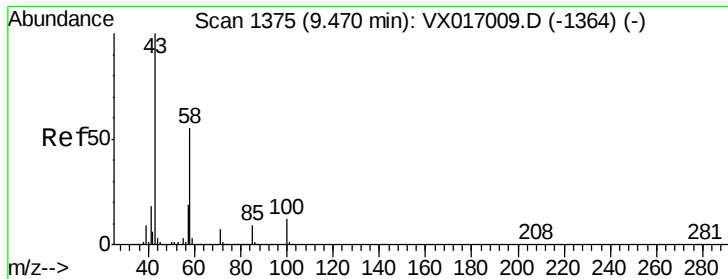
100

0

Time-->

8.18 8.20 8.22 8.24

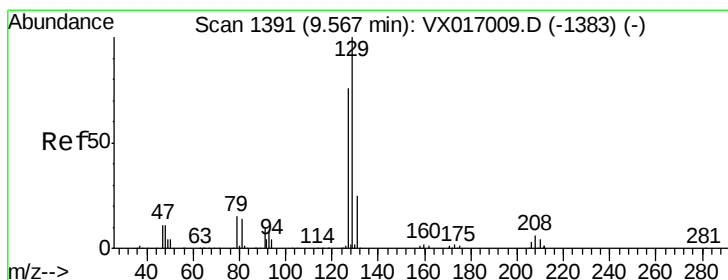
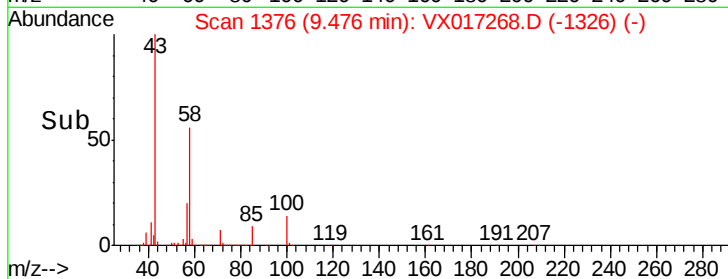
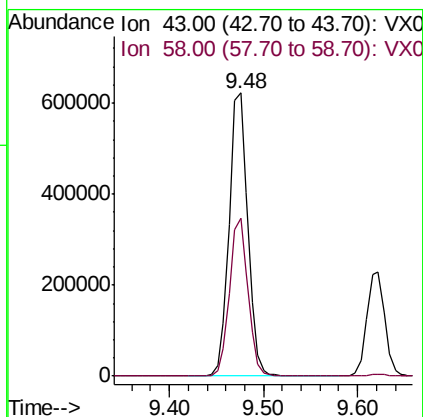
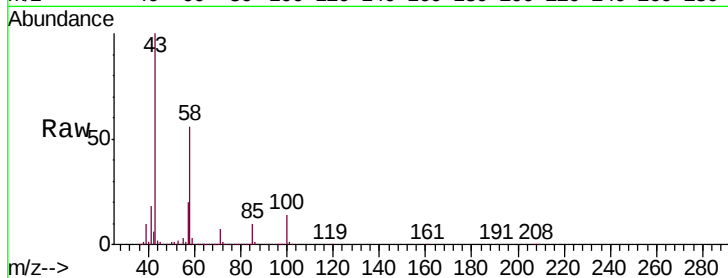




#59
2-Hexanone
Concen: 294.001 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

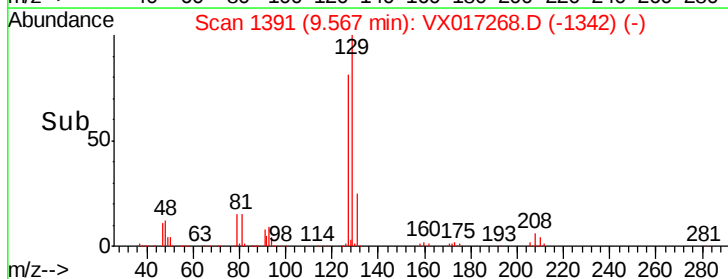
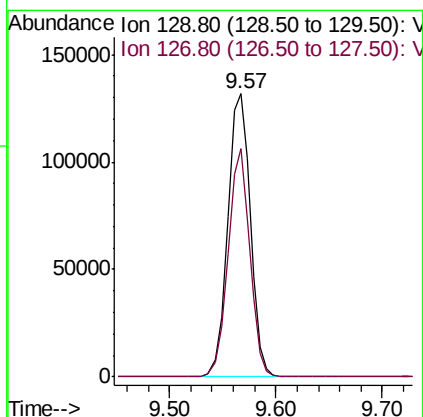
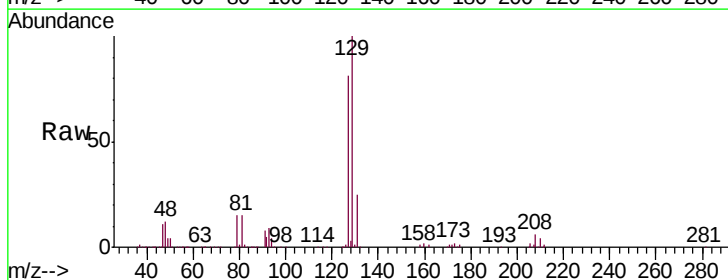
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MS

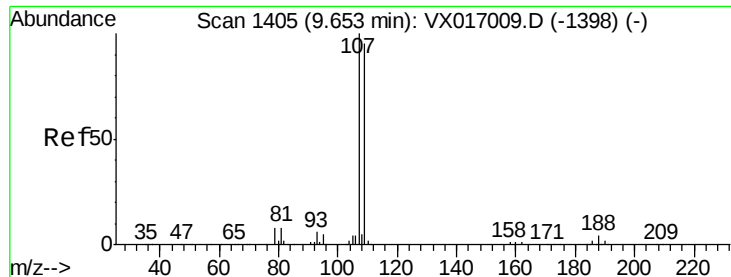
Tgt Ion: 43 Resp: 855682
Ion Ratio Lower Upper
43 100
58 55.2 27.9 83.6



#60
Dibromochloromethane
Concen: 56.804 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

Tgt Ion: 129 Resp: 196074
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 53.570 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

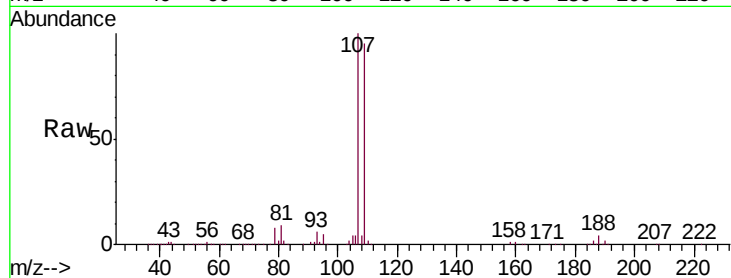
MH-117N-20200630MS

Tgt Ion:107 Resp: 171130

Ion Ratio Lower Upper

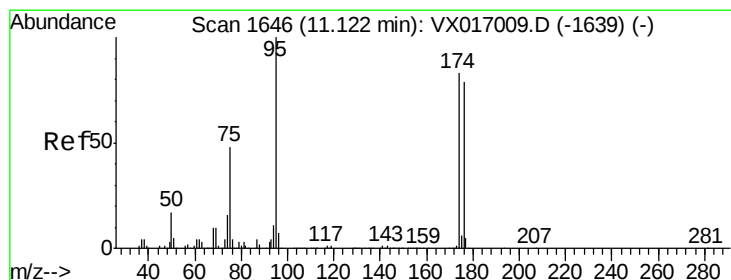
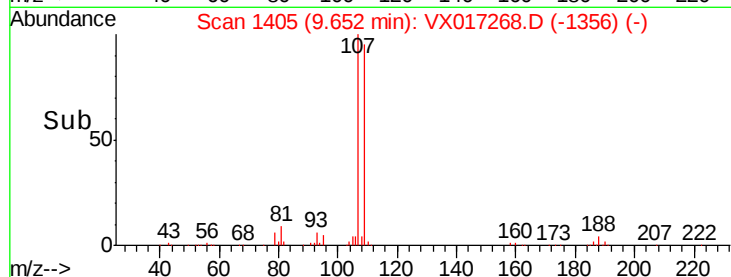
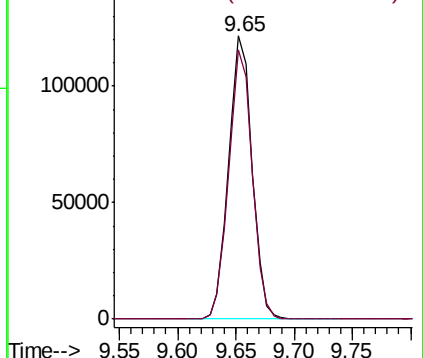
107 100

109 95.5 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.833 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

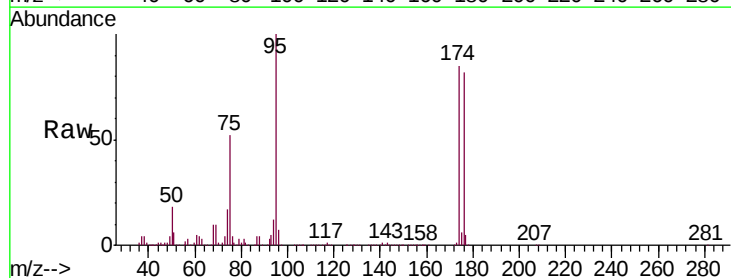
Tgt Ion: 95 Resp: 195011

Ion Ratio Lower Upper

95 100

174 83.0 0.0 164.0

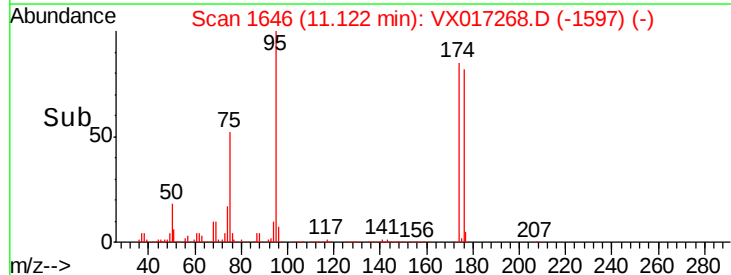
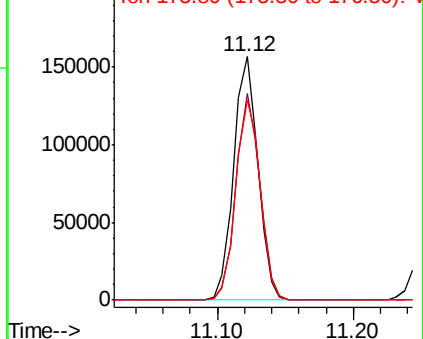
176 82.7 0.0 157.6

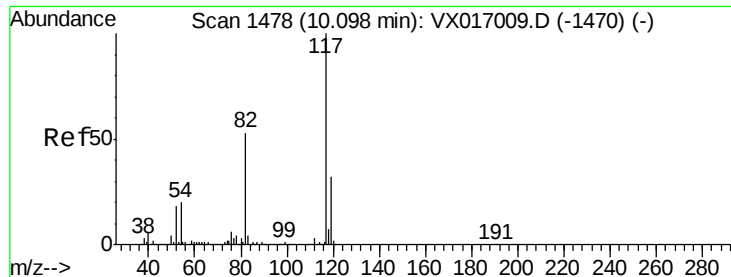


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

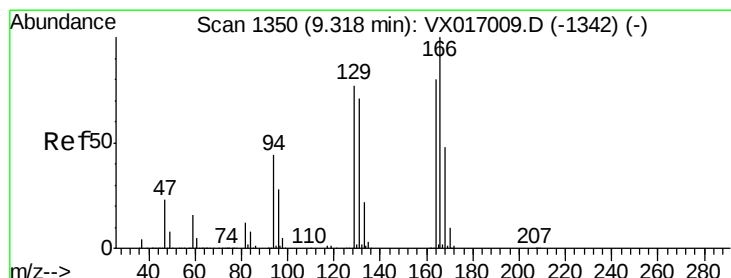
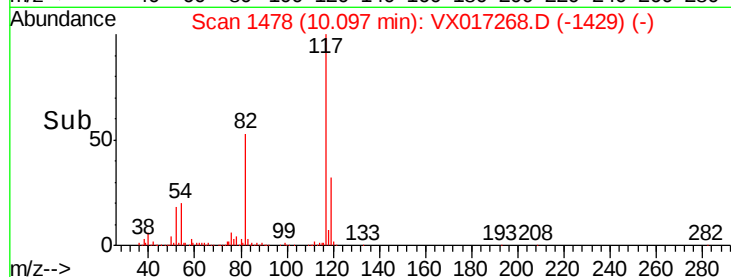
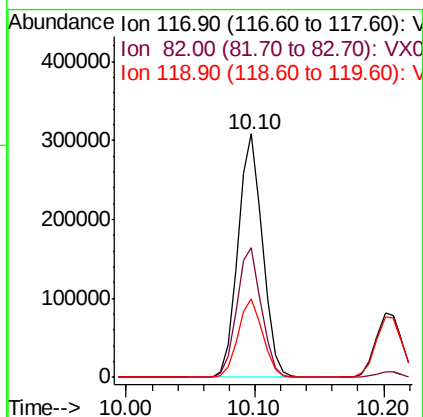
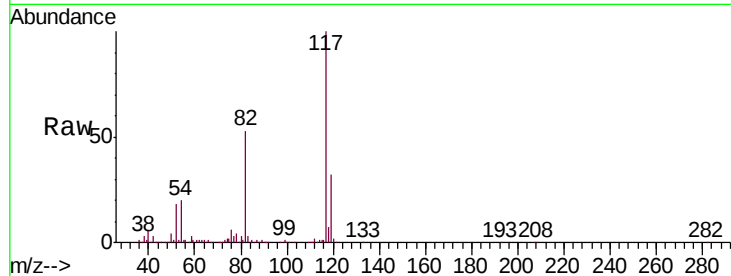




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

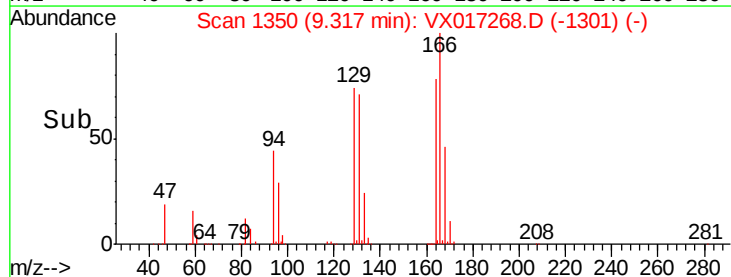
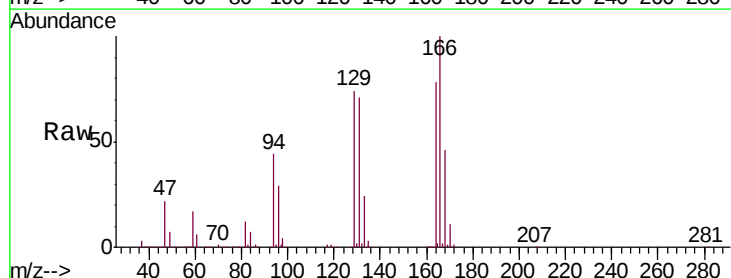
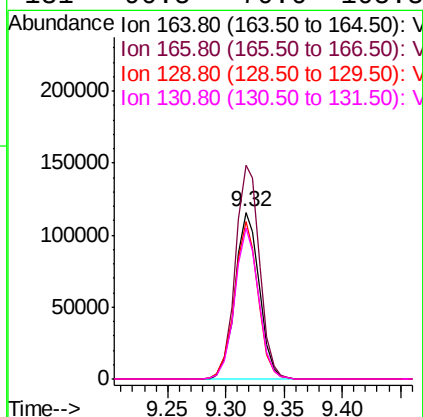
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MS

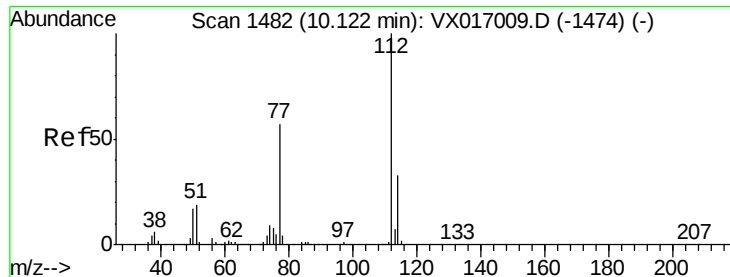
Tgt Ion:117 Resp: 406064
Ion Ratio Lower Upper
117 100
82 53.2 42.6 63.8
119 32.1 25.4 38.2



#64
Tetrachloroethene
Concen: 51.098 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

Tgt Ion:164 Resp: 167457
Ion Ratio Lower Upper
164 100
166 128.1 99.4 149.0
129 94.2 76.3 114.5
131 90.5 70.6 105.8

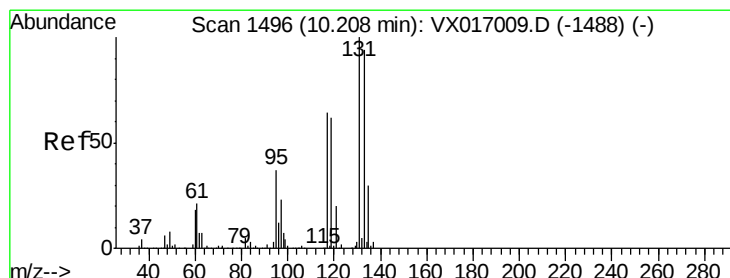
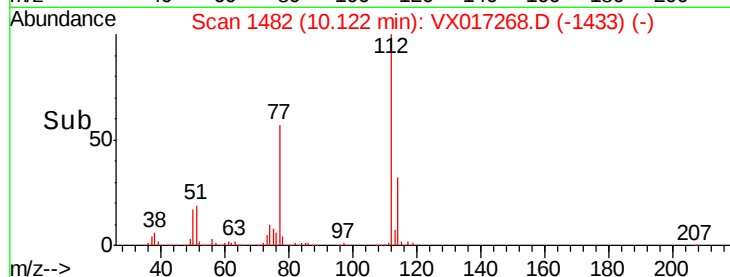
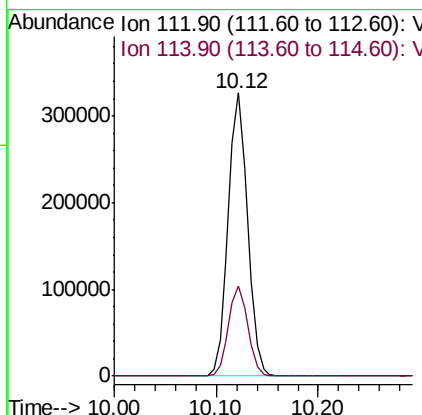
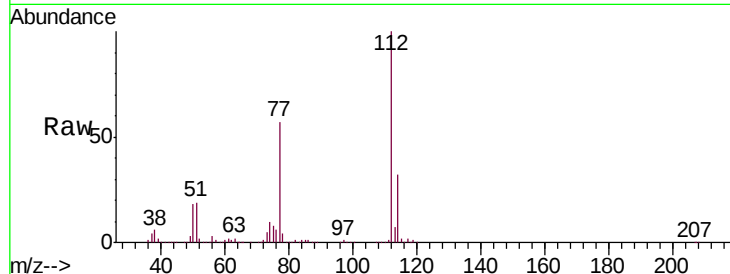




#65
Chlorobenzene
Concen: 51.283 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

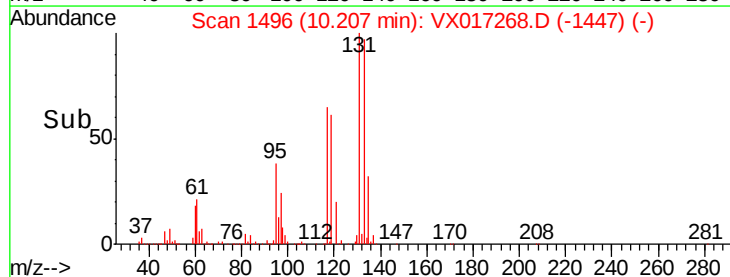
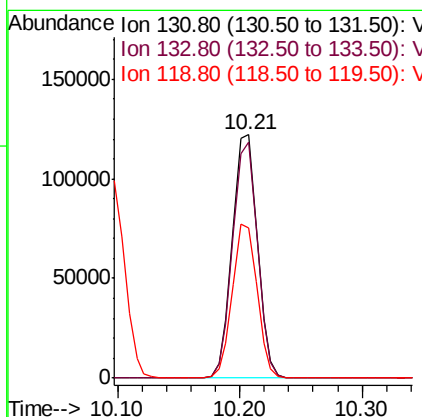
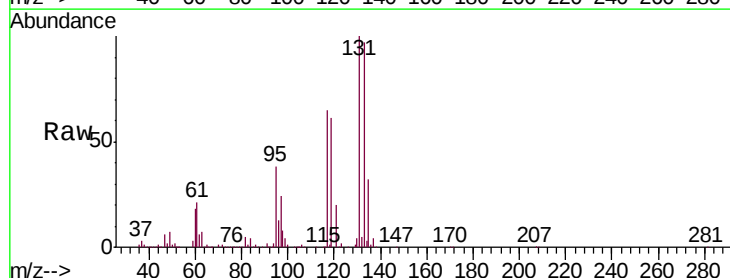
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MS

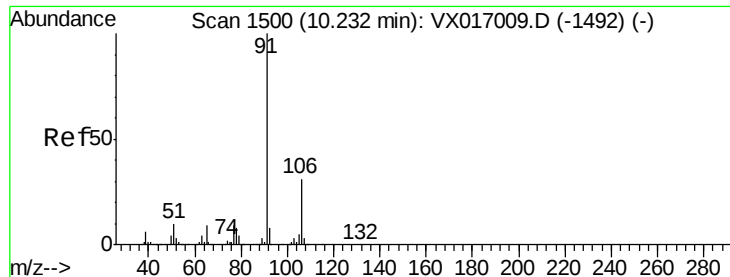
Tgt Ion:112 Resp: 429792
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.535 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

Tgt Ion:131 Resp: 172911
Ion Ratio Lower Upper
131 100
133 96.2 47.3 141.9
119 62.6 31.9 95.5

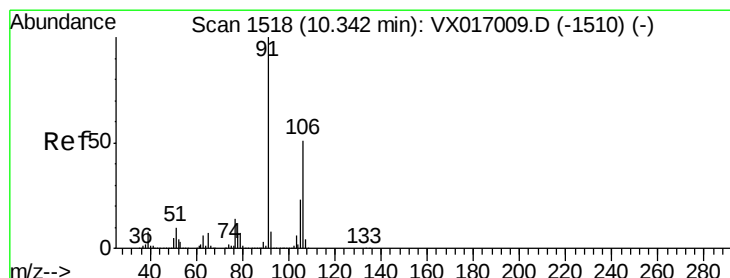
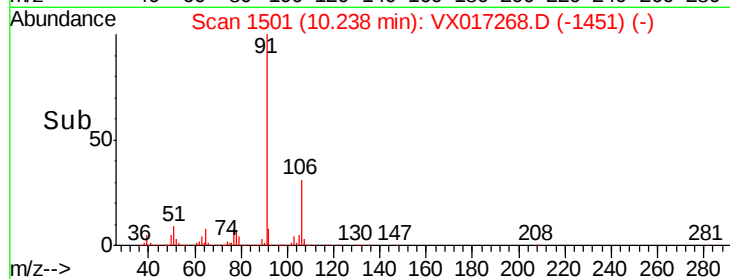
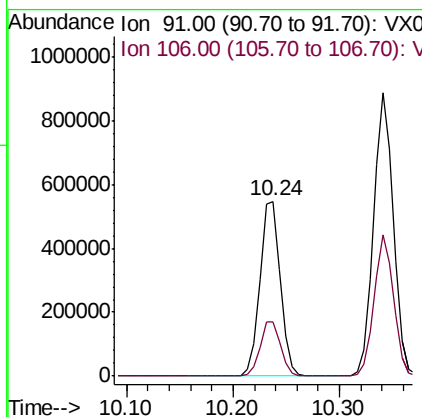
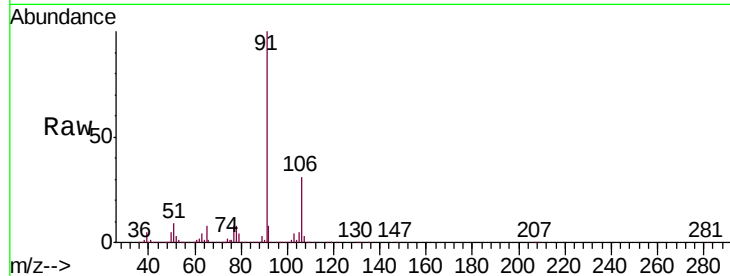




#67
 Ethyl Benzene
 Concen: 52.686 ug/l
 RT: 10.24 min Scan# 1501
 Delta R.T. 0.01 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

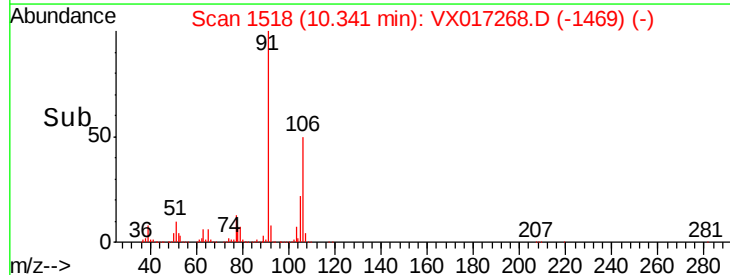
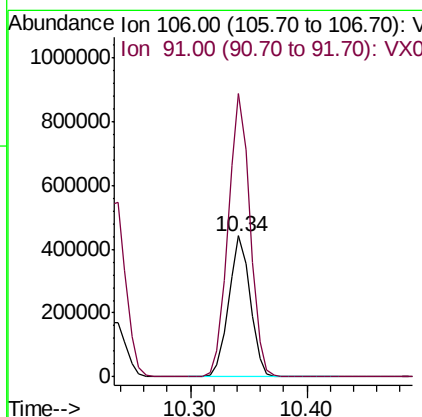
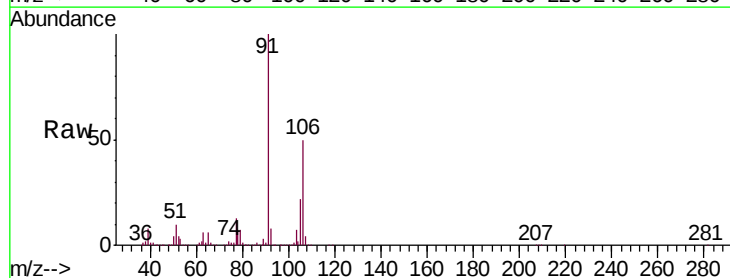
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20200630MS

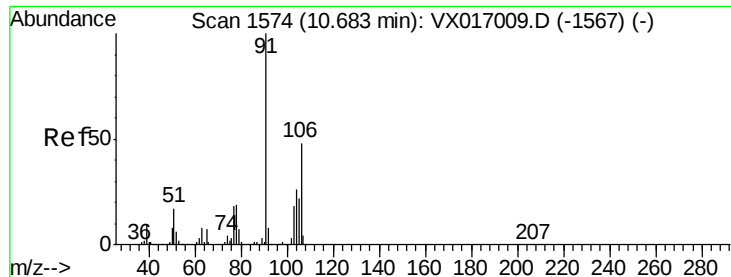
Tgt Ion: 91 Resp: 737408
 Ion Ratio Lower Upper
 91 100
 106 31.3 24.7 37.1



#68
 m/p-Xylenes
 Concen: 106.039 ug/l
 RT: 10.34 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

Tgt Ion: 106 Resp: 569864
 Ion Ratio Lower Upper
 106 100
 91 202.7 158.6 238.0

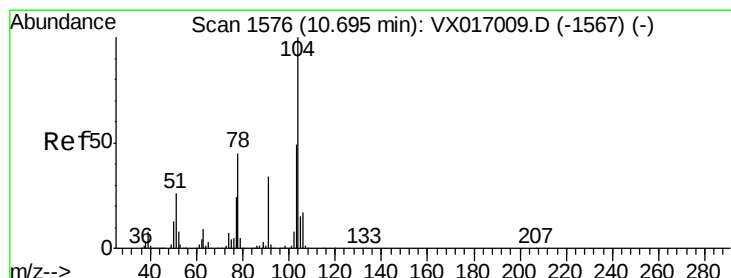
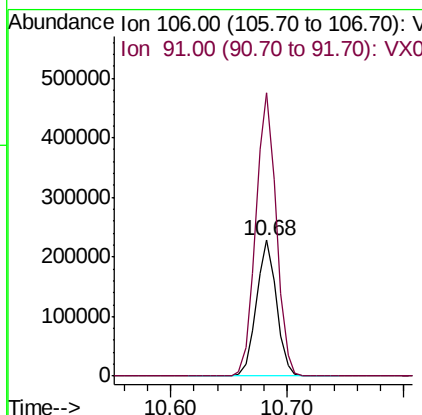
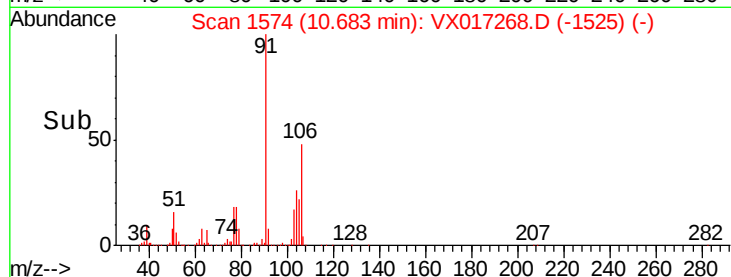
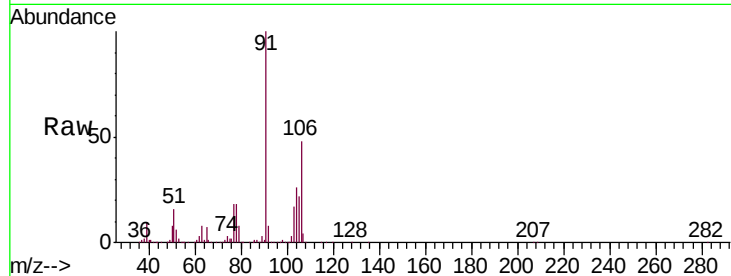




#69
o-Xylene
Concen: 53.561 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

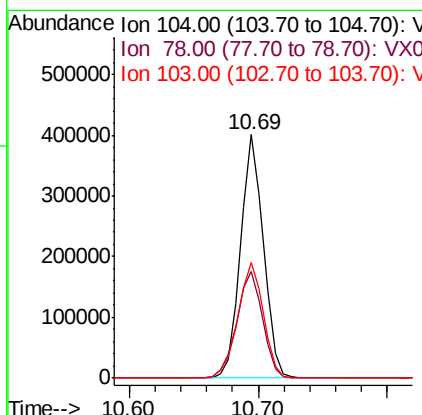
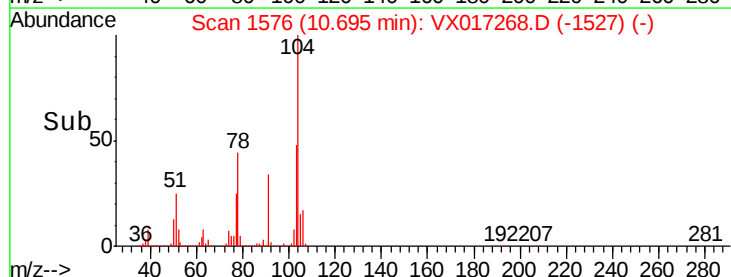
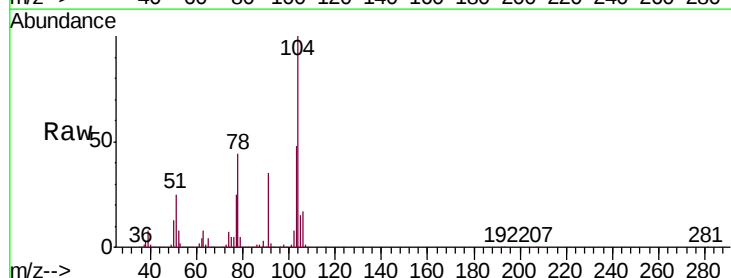
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MS

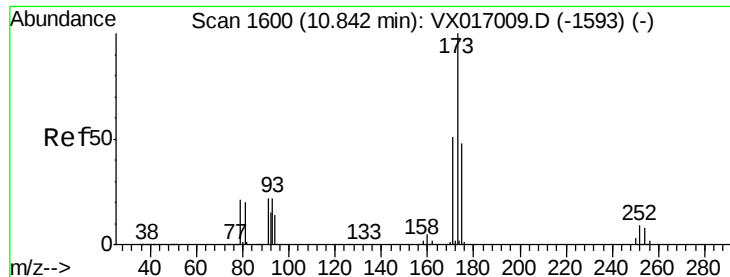
Tgt Ion:106 Resp: 273822
Ion Ratio Lower Upper
106 100
91 213.5 105.6 316.7



#70
Styrene
Concen: 56.599 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

Tgt Ion:104 Resp: 492739
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 53.2 43.0 64.6

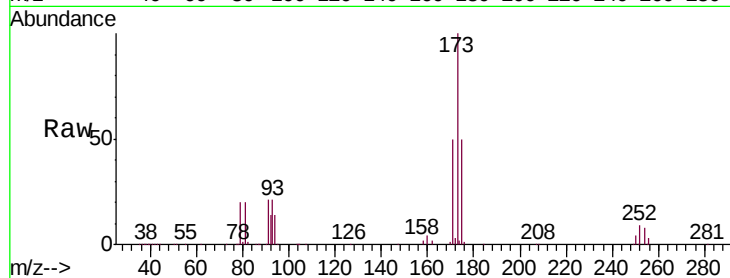




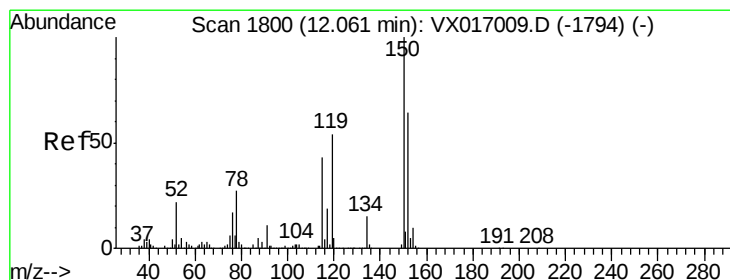
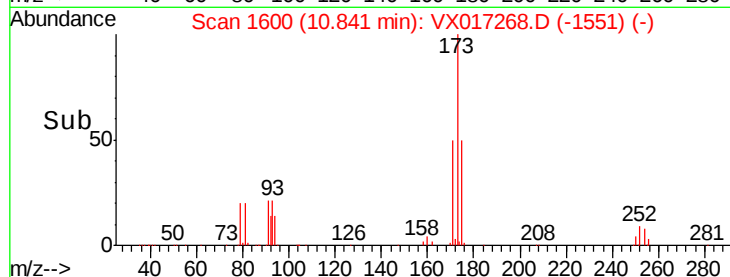
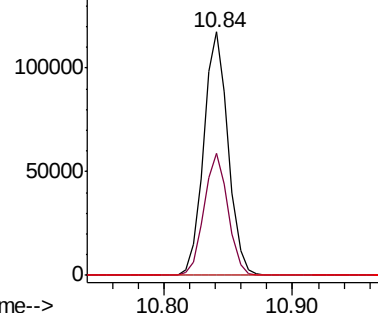
#71
Bromoform
Concen: 60.656 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

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

Tgt Ion:173 Resp: 155356
Ion Ratio Lower Upper
173 100
175 49.3 24.5 73.5
254 0.2 0.1 0.1#

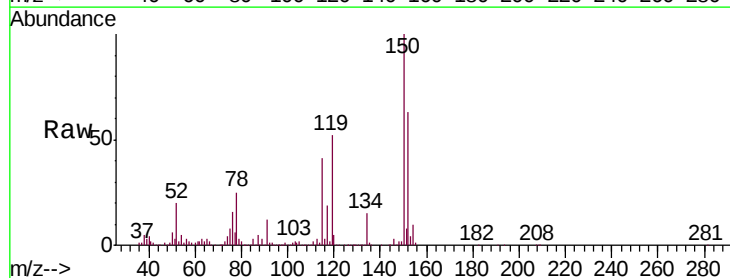


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

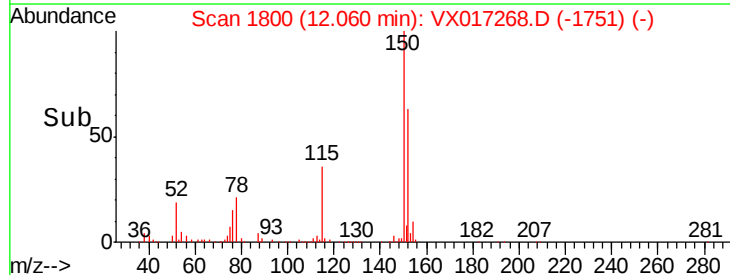
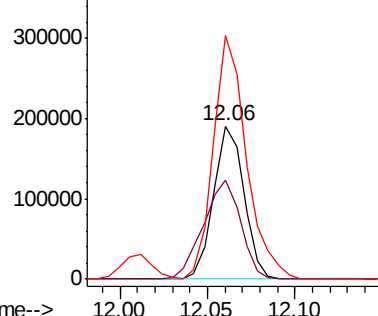


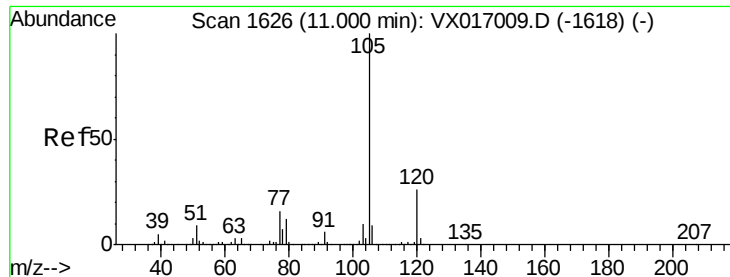
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

Tgt Ion:152 Resp: 229945
Ion Ratio Lower Upper
152 100
115 79.2 40.9 122.7
150 173.1 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: 49.652 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

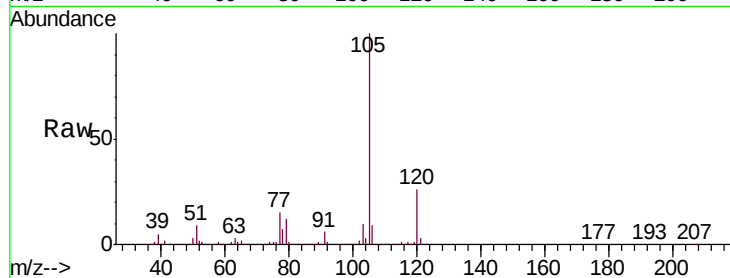
MH-117N-20200630MS

Tgt Ion:105 Resp: 747847

Ion Ratio Lower Upper

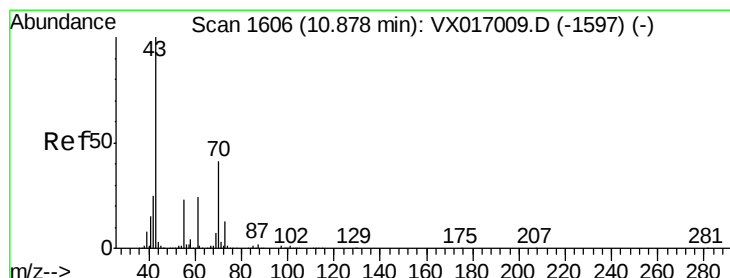
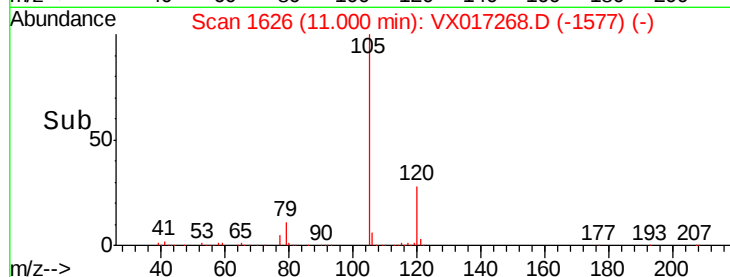
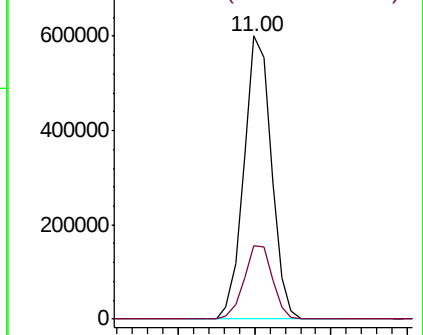
105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.086 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Tgt Ion: 43 Resp: 315463

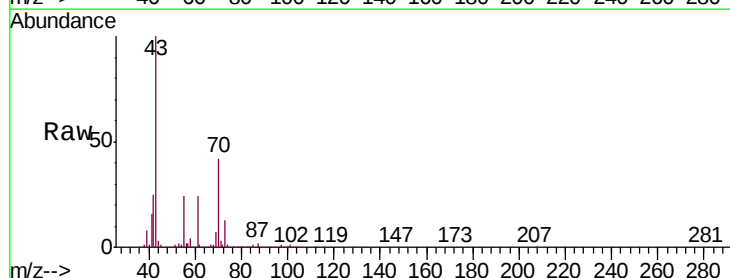
Ion Ratio Lower Upper

43 100

70 43.9 34.2 51.2

55 24.9 19.2 28.8

61 25.0 19.6 29.4

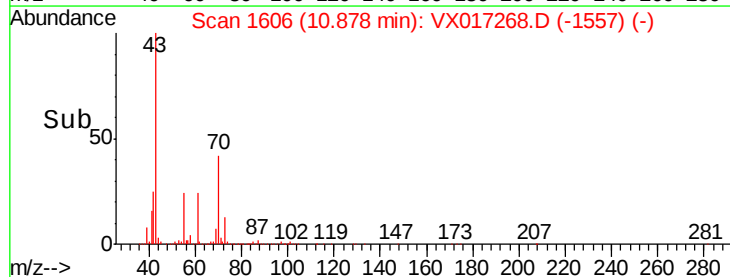
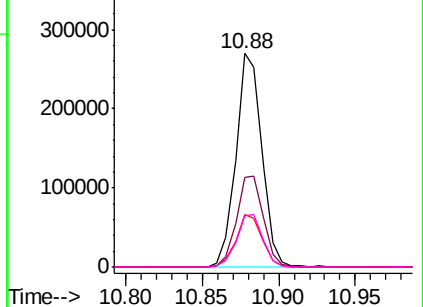


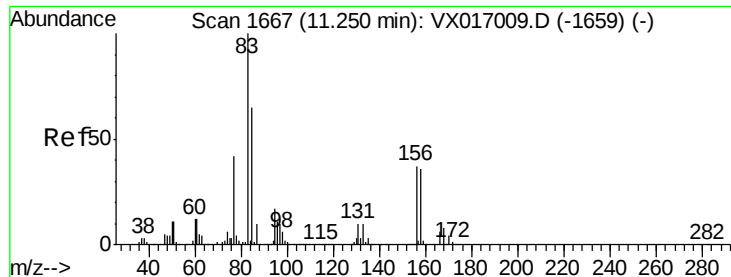
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.073 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MS

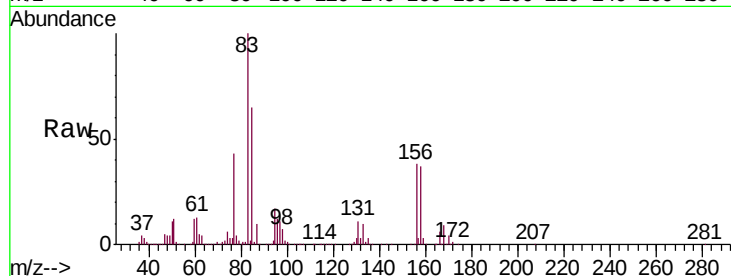
Tgt Ion: 83 Resp: 237234

Ion Ratio Lower Upper

83 100

131 11.4 5.4 16.2

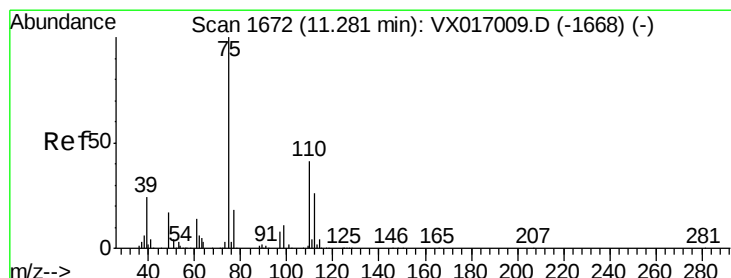
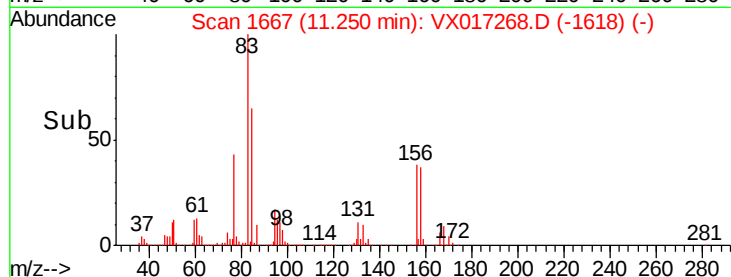
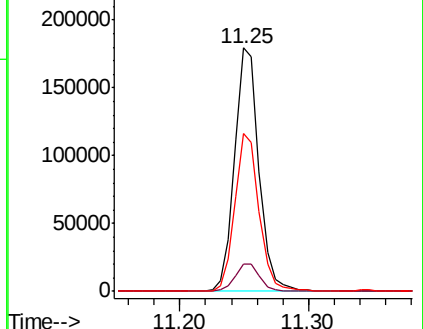
85 64.4 31.9 95.9



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: 64.601 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017268.D

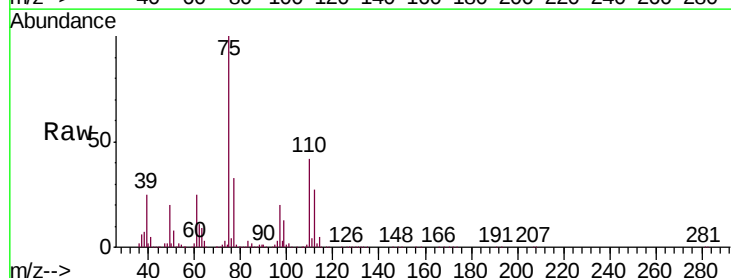
Acq: 08 Jul 2020 20:00

Tgt Ion: 75 Resp: 292107

Ion Ratio Lower Upper

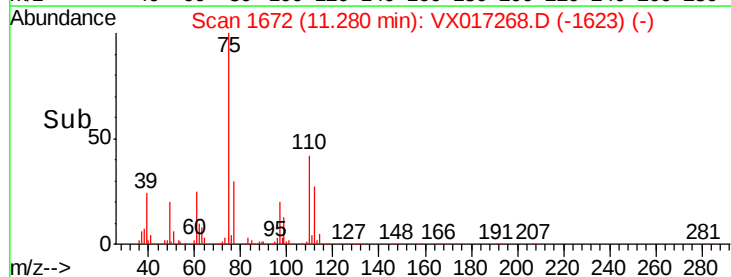
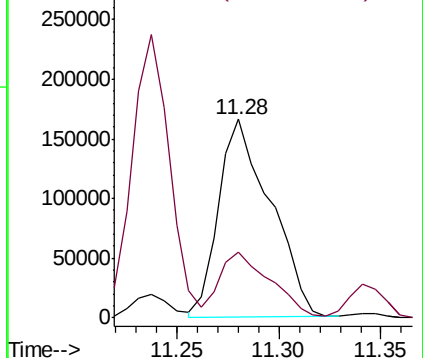
75 100

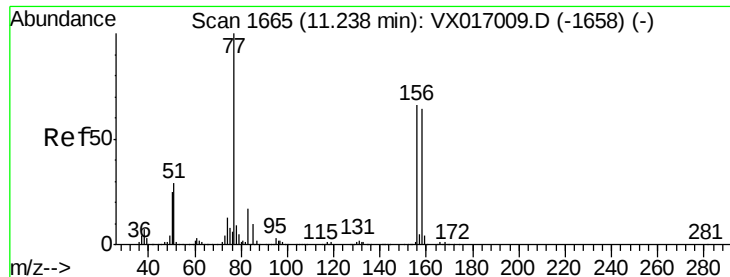
77 32.7 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.860 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MS

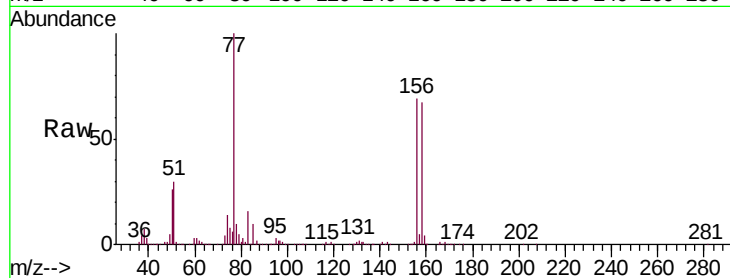
Tgt Ion:156 Resp: 206395

Ion Ratio Lower Upper

156 100

77 147.5 76.9 230.7

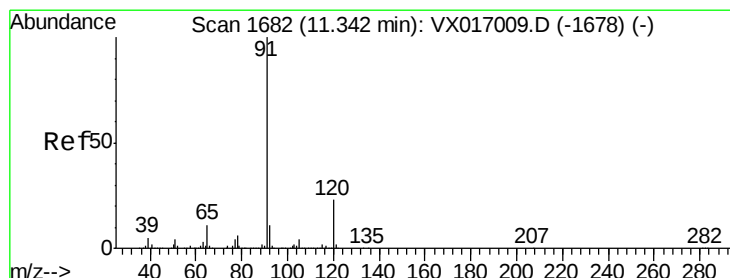
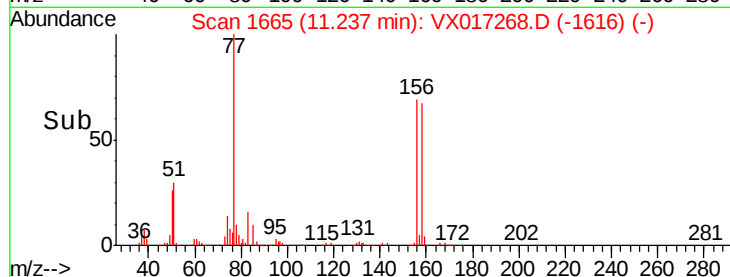
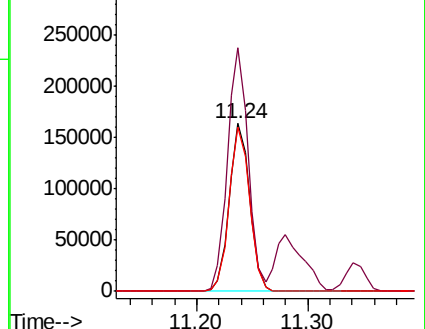
158 98.4 47.9 143.6



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: 49.600 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017268.D

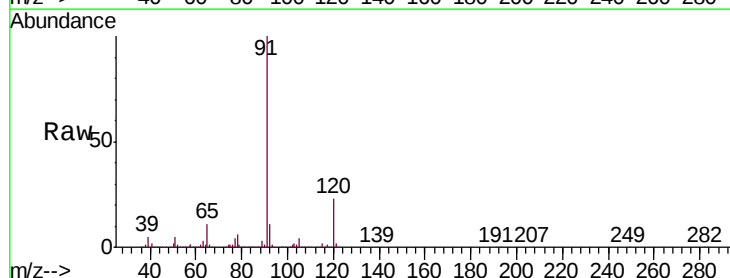
Acq: 08 Jul 2020 20:00

Tgt Ion: 91 Resp: 844800

Ion Ratio Lower Upper

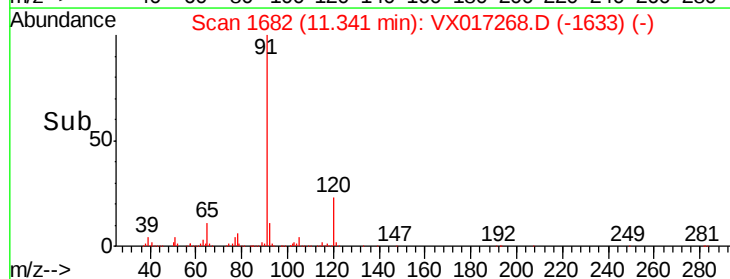
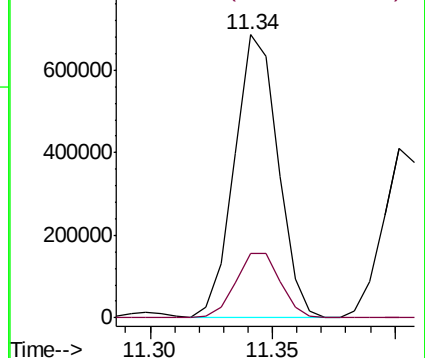
91 100

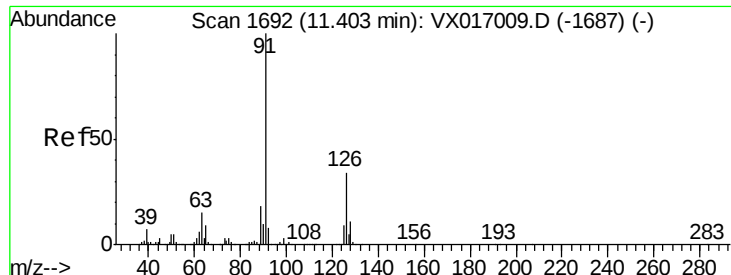
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

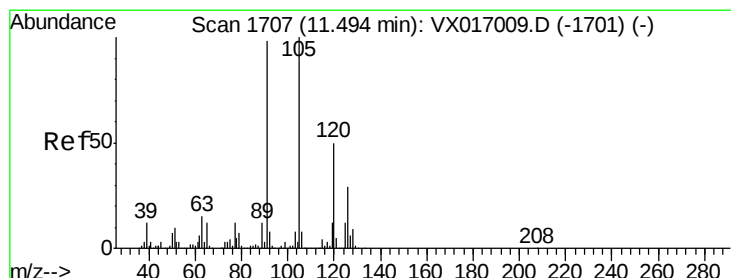
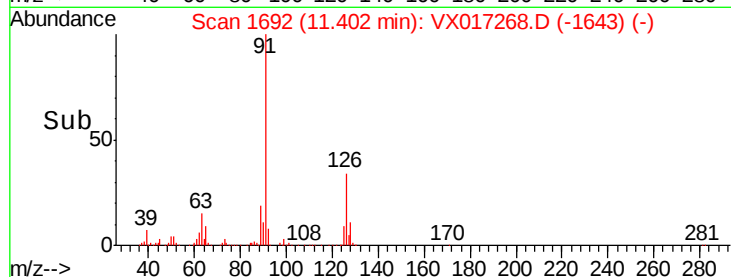
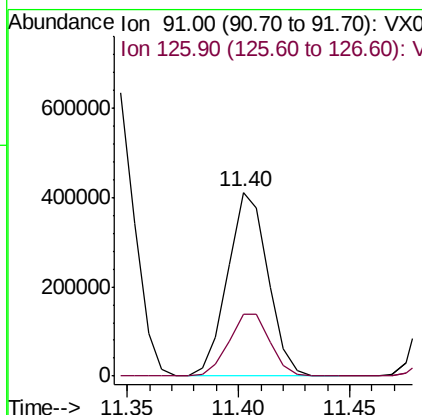
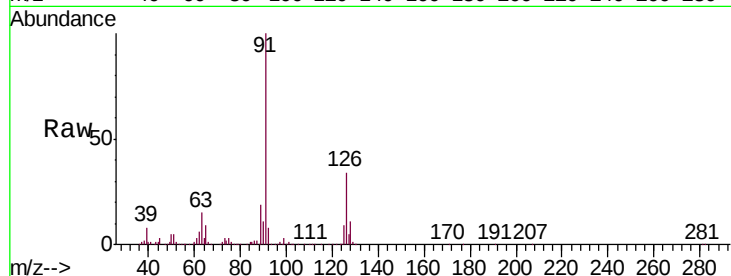




#79
2-Chlorotoluene
Concen: 49.998 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

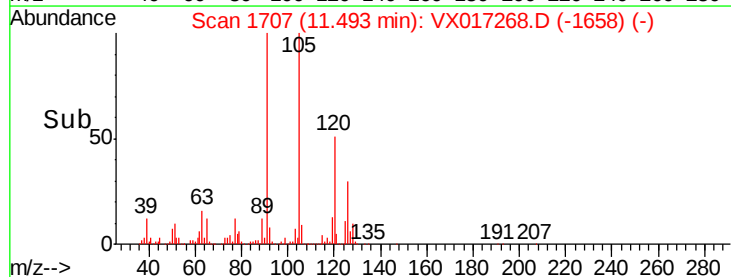
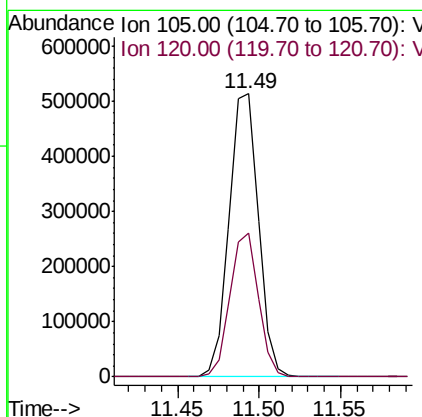
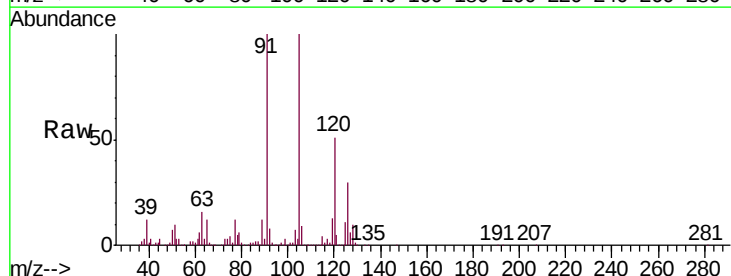
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MS

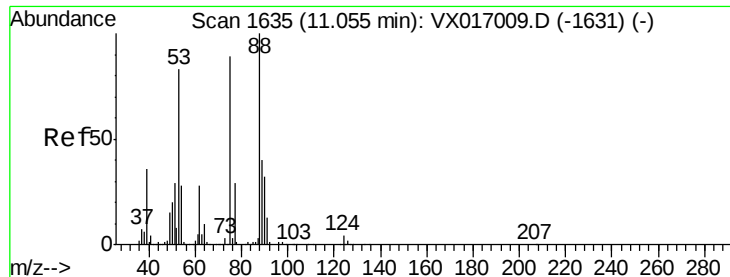
Tgt Ion: 91 Resp: 515381
Ion Ratio Lower Upper
91 100
126 35.1 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 51.427 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

Tgt Ion: 105 Resp: 642492
Ion Ratio Lower Upper
105 100
120 49.4 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 49.201 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MS

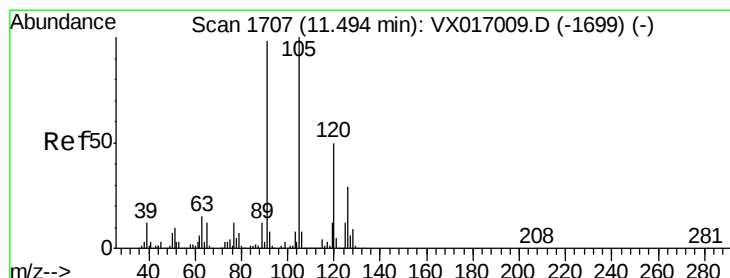
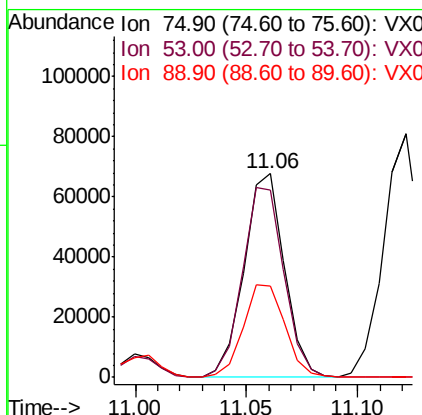
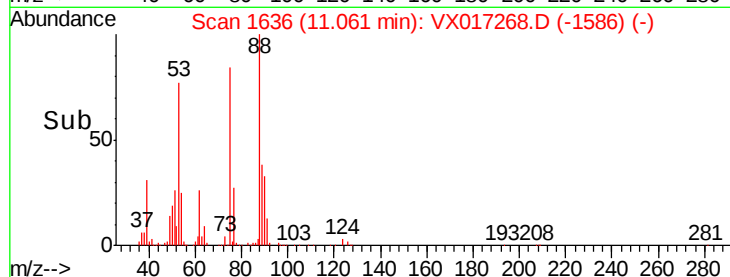
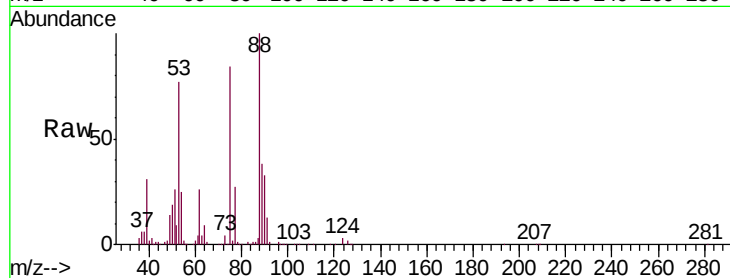
Tgt Ion: 75 Resp: 85910

Ion Ratio Lower Upper

75 100

53 95.8 72.4 108.6

89 47.0 37.0 55.4



#82

4-Chlorotoluene

Concen: 49.925 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017268.D

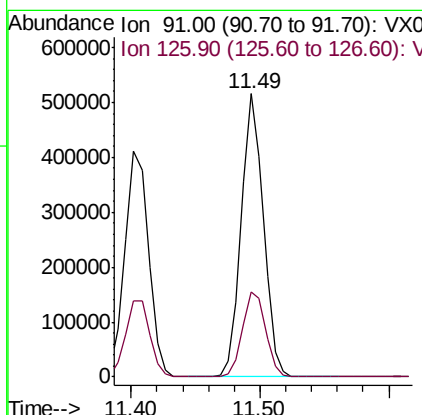
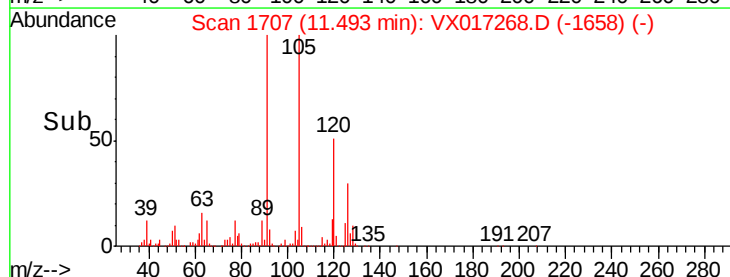
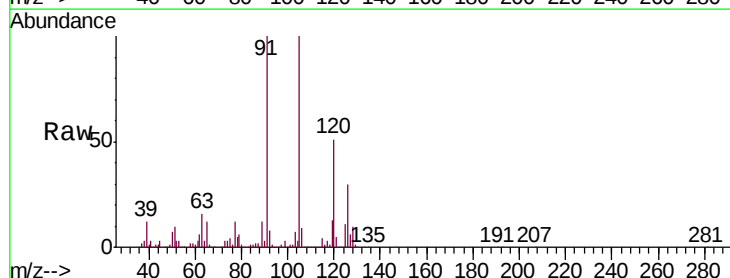
Acq: 08 Jul 2020 20:00

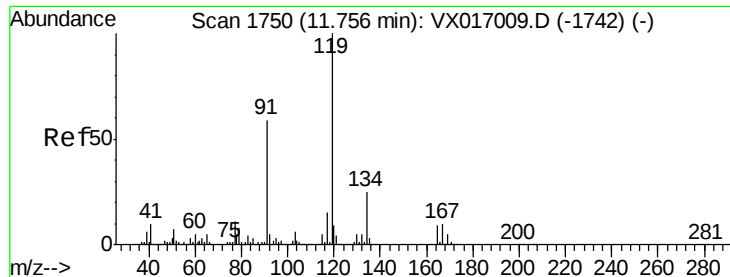
Tgt Ion: 91 Resp: 615215

Ion Ratio Lower Upper

91 100

126 31.3 15.2 45.5





#83

tert-Butylbenzene

Concen: 51.810 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MS

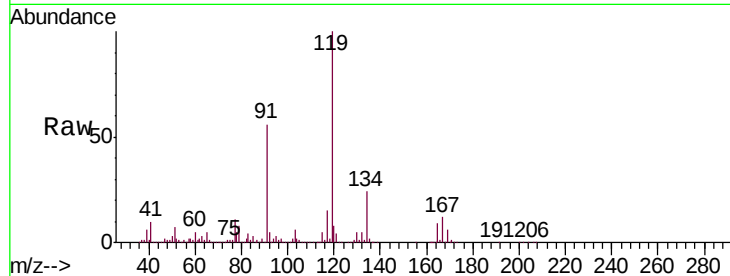
Tgt Ion:119 Resp: 635399

Ion Ratio Lower Upper

119 100

91 55.9 28.3 84.9

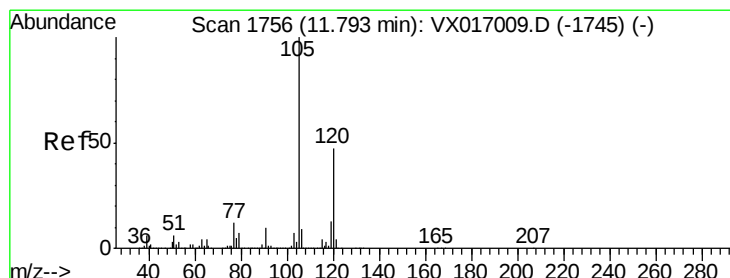
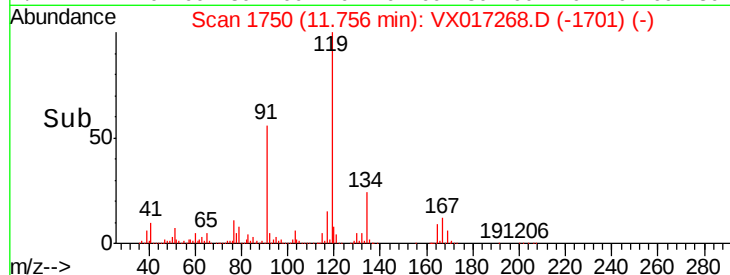
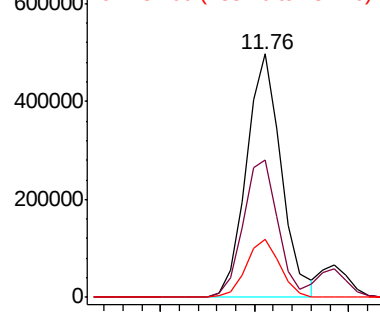
134 23.0 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.941 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017268.D

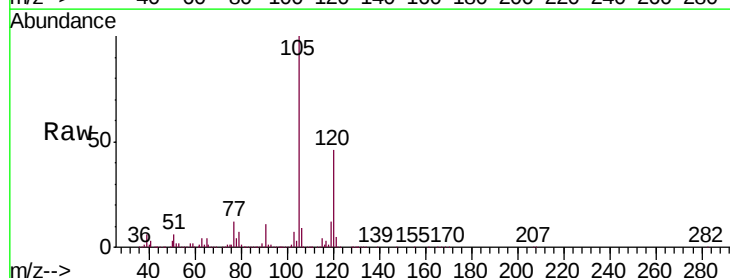
Acq: 08 Jul 2020 20:00

Tgt Ion:105 Resp: 658319

Ion Ratio Lower Upper

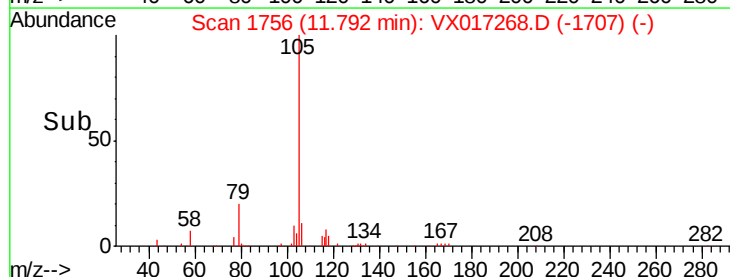
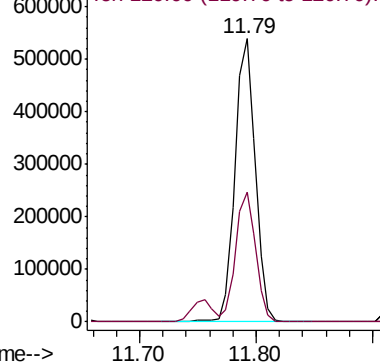
105 100

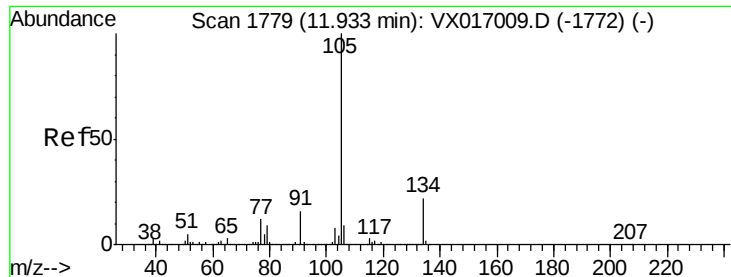
120 45.4 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

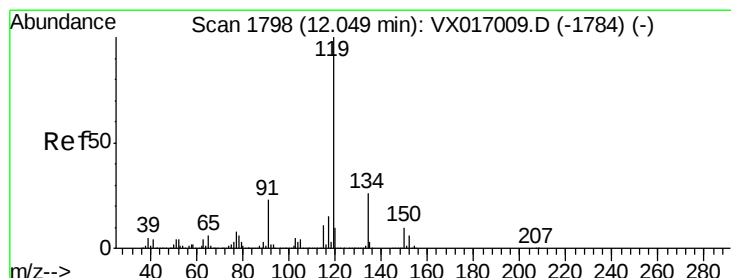
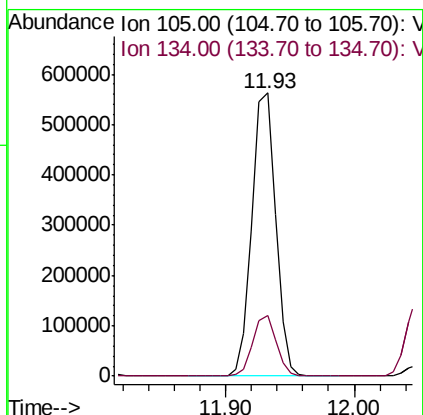
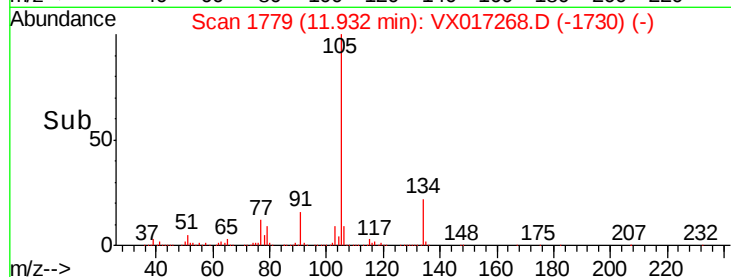
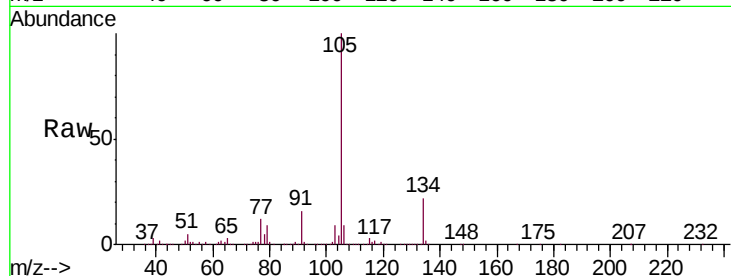




#85
 sec-Butylbenzene
 Concen: 49.433 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

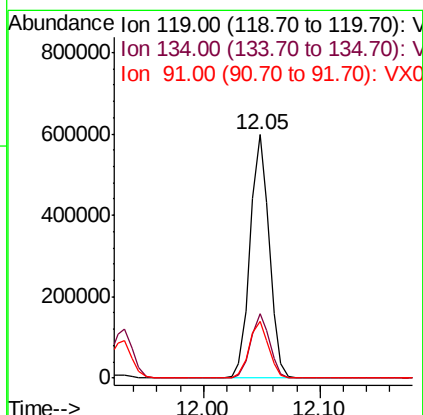
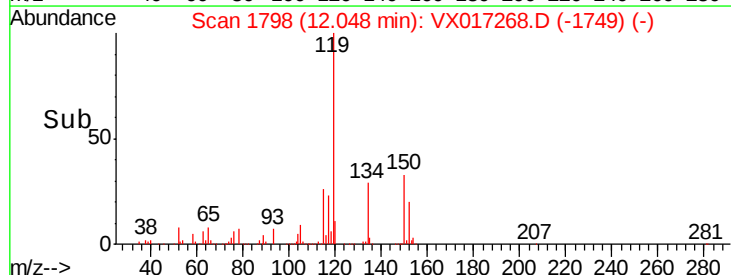
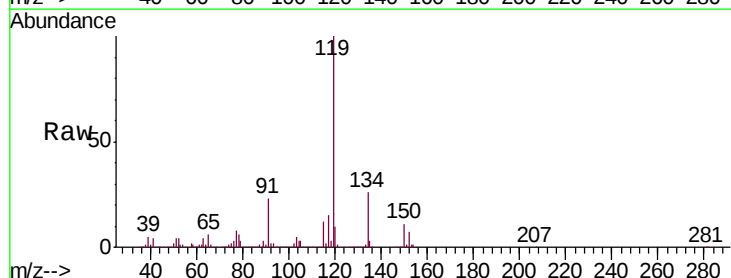
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20200630MS

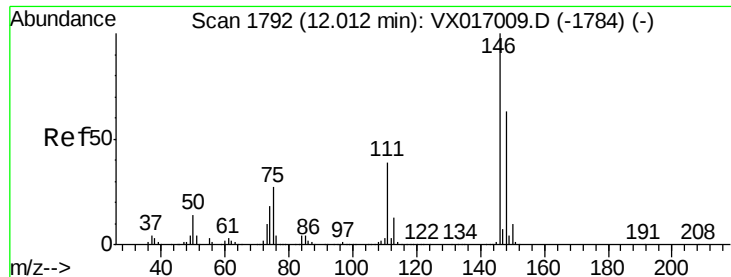
Tgt Ion:105 Resp: 712630
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 51.138 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

Tgt Ion:119 Resp: 686284
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 23.8 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 49.077 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MS

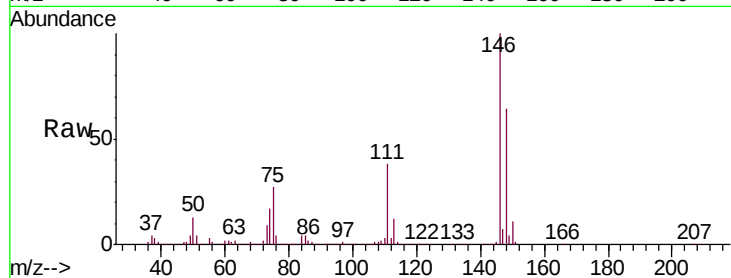
Tgt Ion:146 Resp: 368972

Ion Ratio Lower Upper

146 100

111 39.3 20.4 61.2

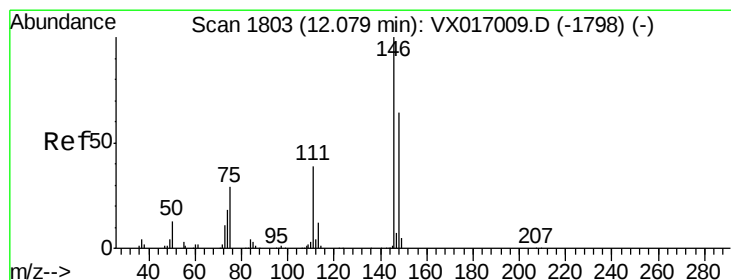
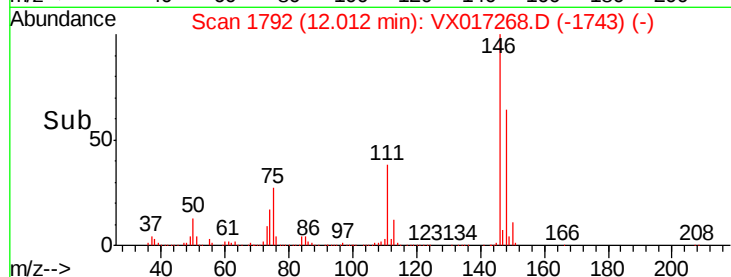
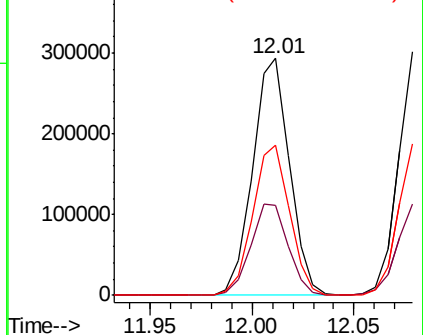
148 63.6 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 53.137 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

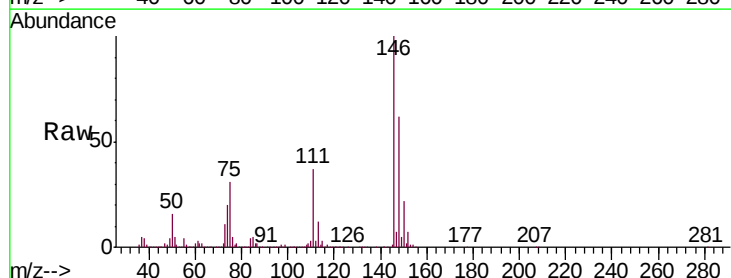
Tgt Ion:146 Resp: 376653

Ion Ratio Lower Upper

146 100

111 37.0 19.5 58.5

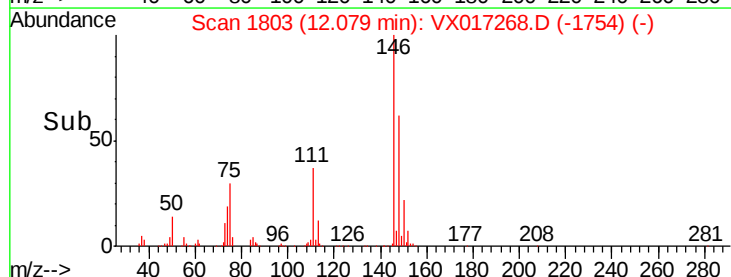
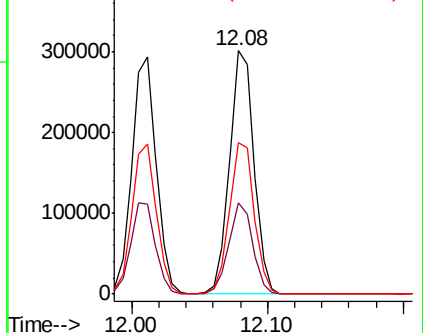
148 62.9 31.9 95.7

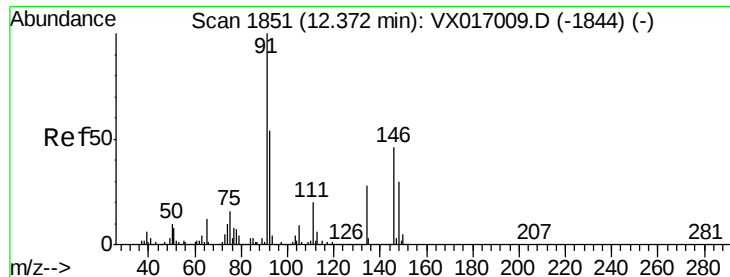


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

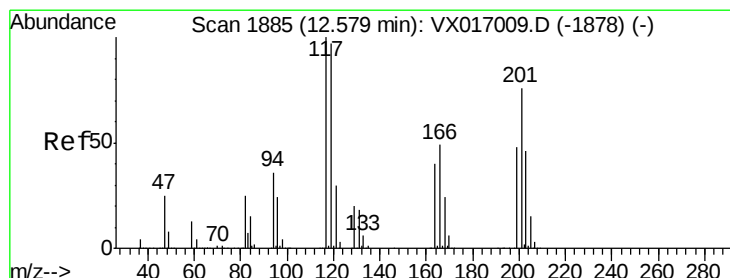
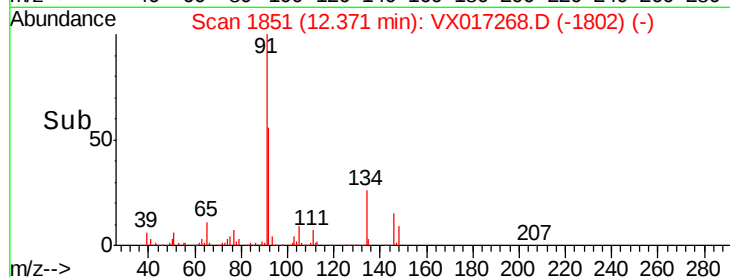
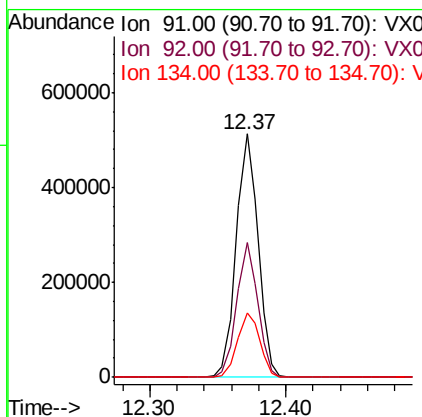
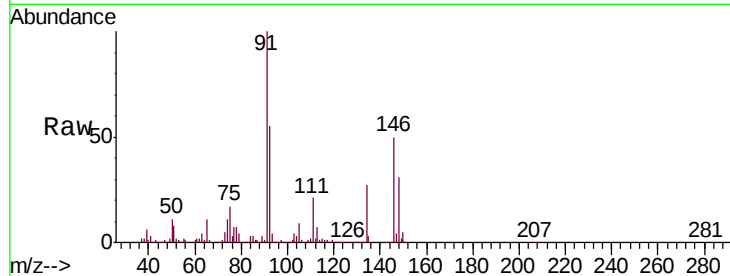




#89
n-Butylbenzene
Concen: 48.065 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

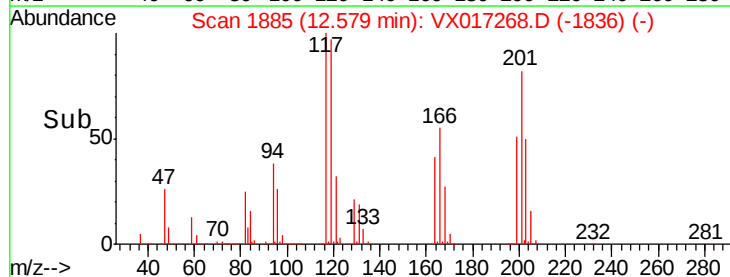
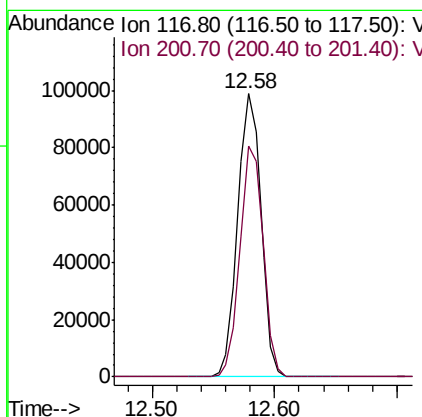
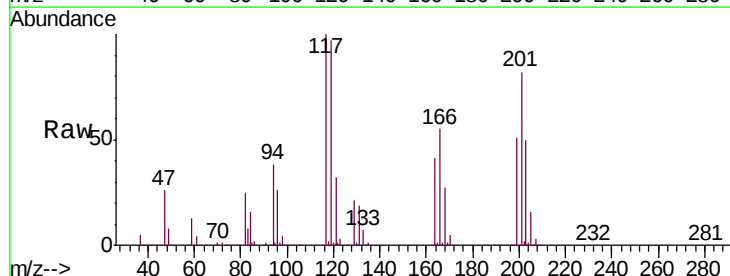
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20200630MS

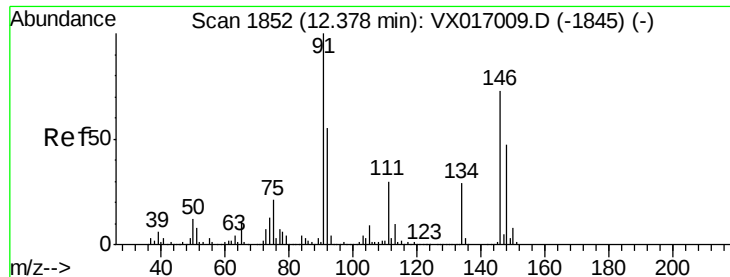
Tgt Ion: 91 Resp: 575962
Ion Ratio Lower Upper
91 100
92 53.5 27.2 81.6
134 27.1 13.6 40.7



#90
Hexachloroethane
Concen: 49.247 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

Tgt Ion: 117 Resp: 130333
Ion Ratio Lower Upper
117 100
201 80.8 39.4 118.2

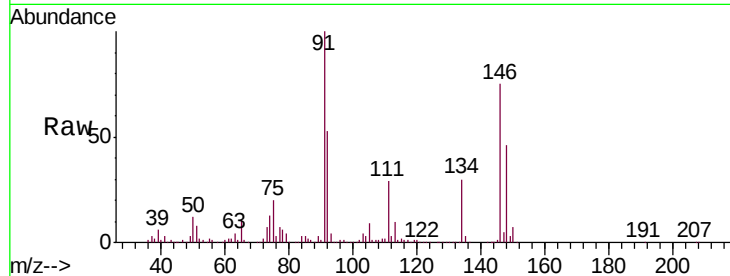




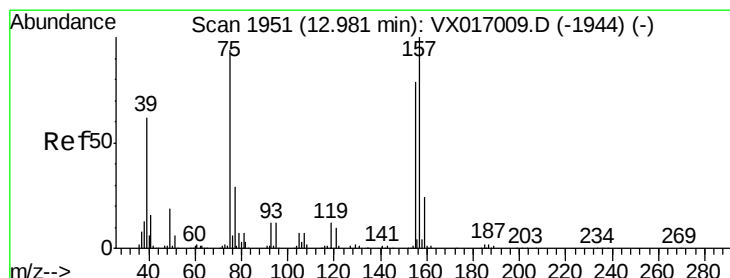
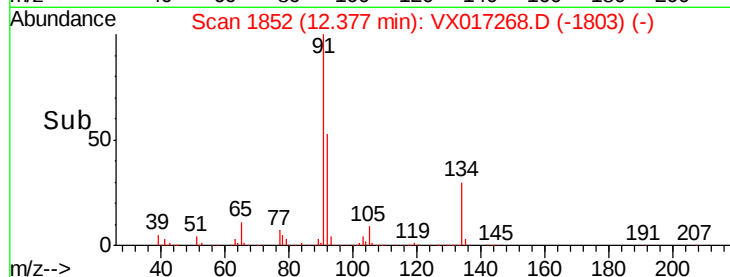
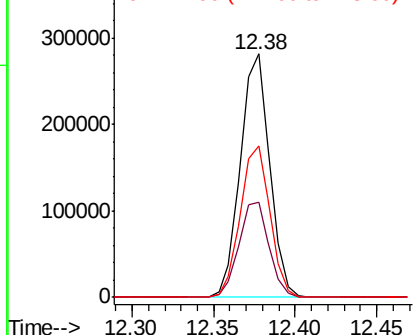
#91
 1,2-Dichlorobenzene
 Concen: 50.261 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

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

Tgt Ion:146 Resp: 353212
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.6 61.9
 148 63.3 32.4 97.2

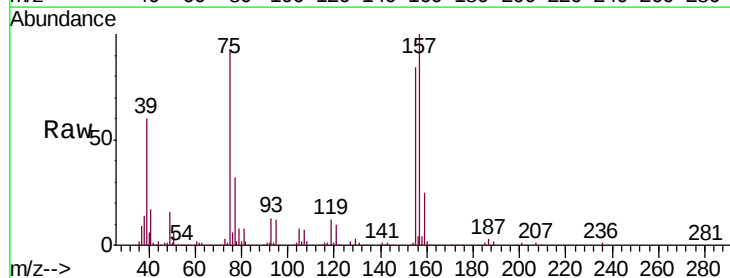


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

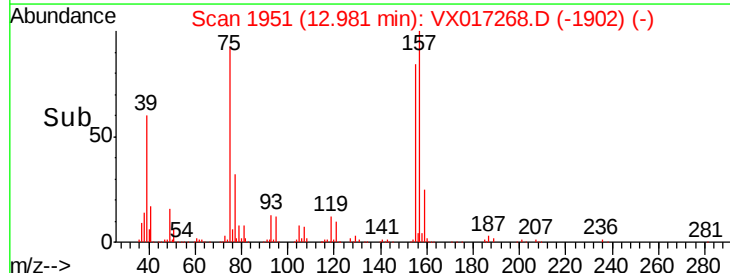
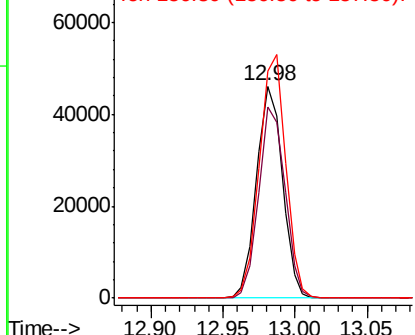


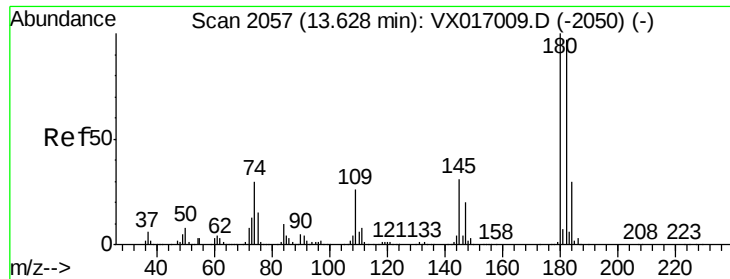
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.754 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

Tgt Ion: 75 Resp: 57363
 Ion Ratio Lower Upper
 75 100
 155 91.6 45.1 135.2
 157 116.7 56.5 169.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

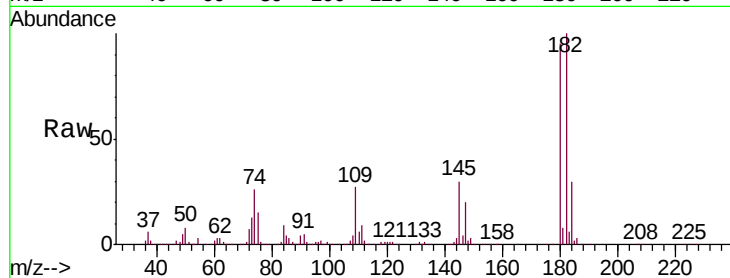




#93
 1,2,4-Trichlorobenzene
 Concen: 47.487 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

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

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	47.3	141.9
145	30.8	15.4	46.2

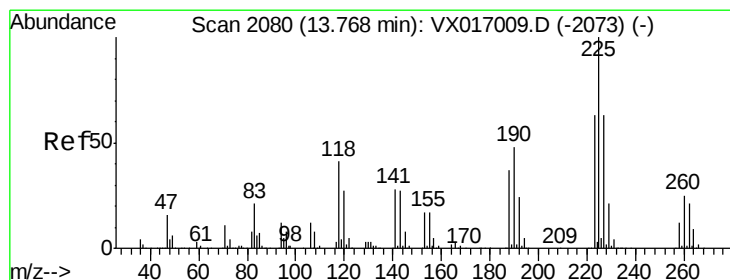
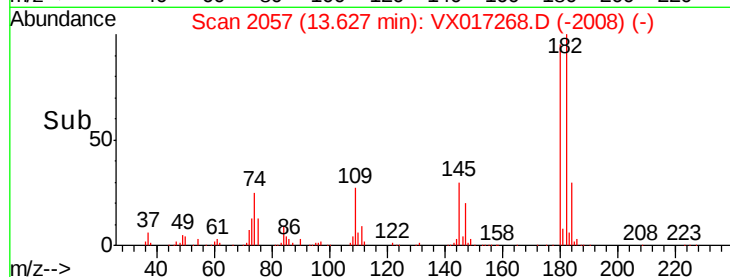
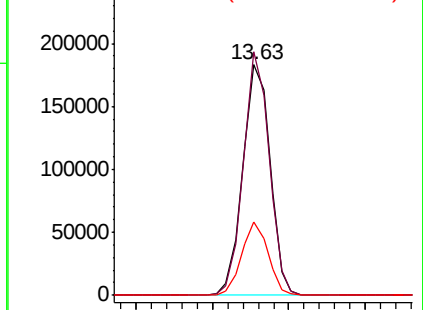


Abundance

Ion 179.80 (179.50 to 180.50): V

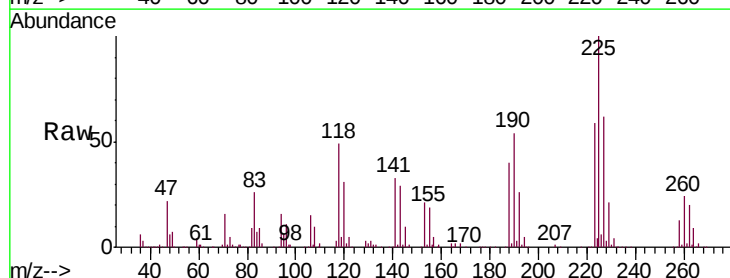
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 46.992 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	32.5	97.5
227	63.3	33.1	99.2

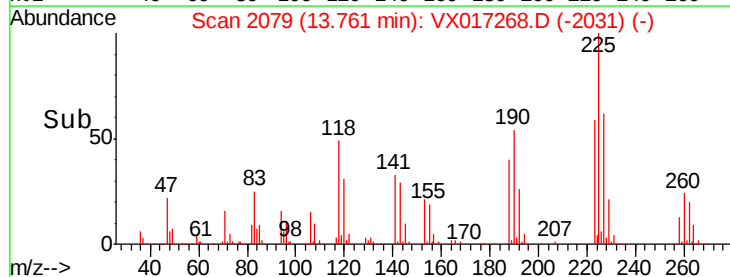
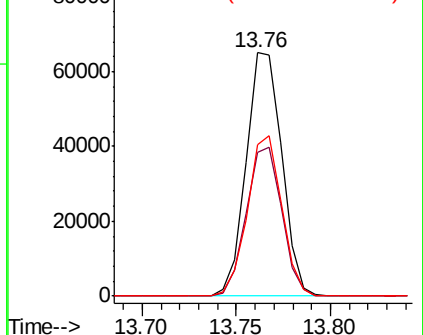


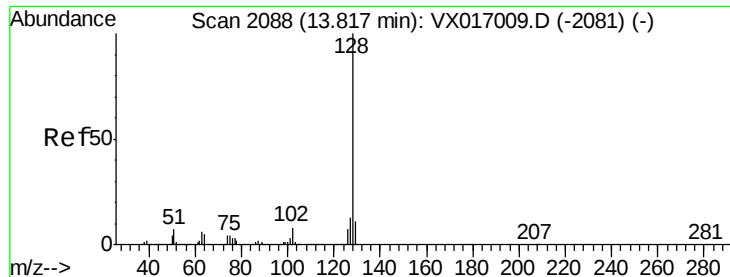
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

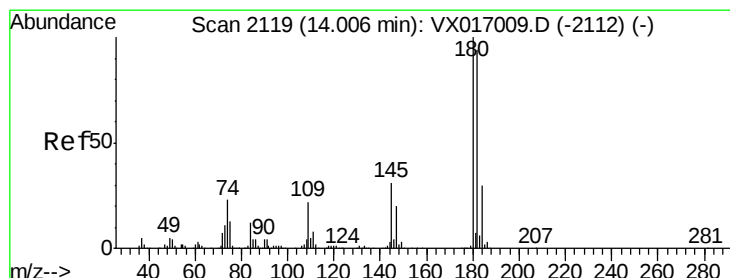
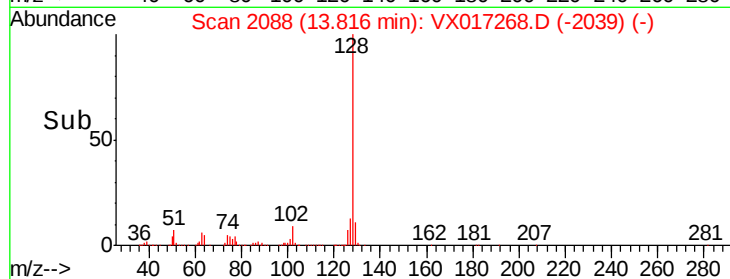
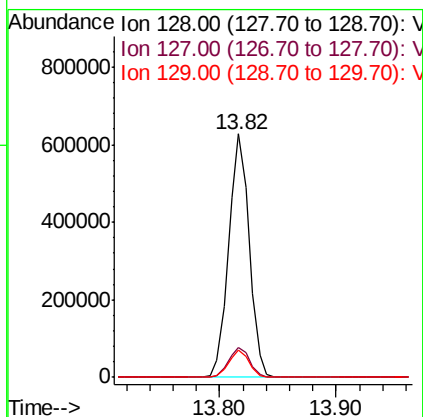
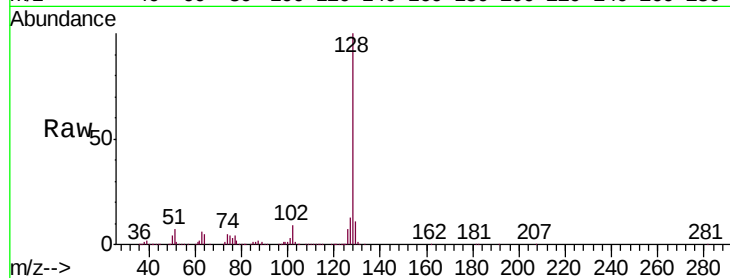




#95
Naphthalene
Concen: 52.647 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

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

Tgt Ion:128 Resp: 767718
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.450 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

Tgt Ion:180 Resp: 229547
Ion Ratio Lower Upper
180 100
182 96.0 47.1 141.4
145 32.7 16.6 49.7

