

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070820\
 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

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:59:51 AM

Quant Time: Jul 09 04:47:17 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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 Quant Title : SW846 8260
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 Response via : Initial Calibration

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
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	227300m	50.268	ug/l	
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
93) 1,2,4-Trichlorobenzene	13.63	180	227775	47.487	ug/l	96

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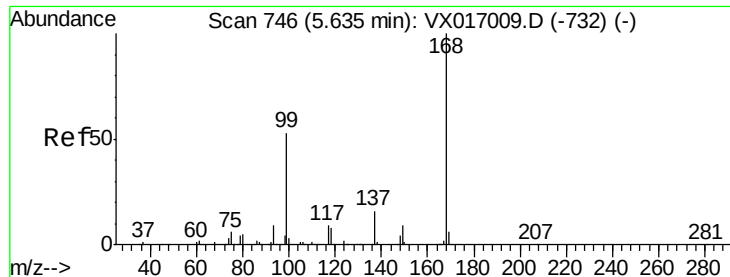
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	85451	46.992	ug/l	96
95) Naphthalene	13.82	128	767718	52.647	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	229547	49.450	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MS

Tot Ion:168 Resp: 278040

Ion Ratio Lower Upper

168 100

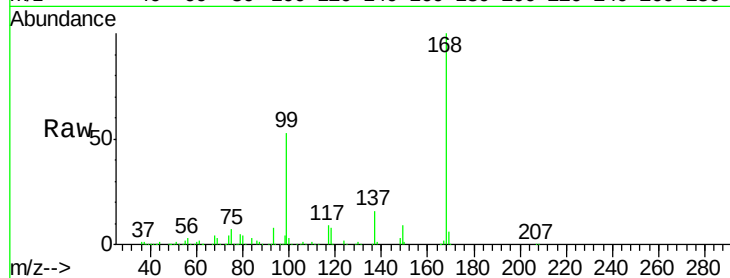
99 53.0 42.6 64.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

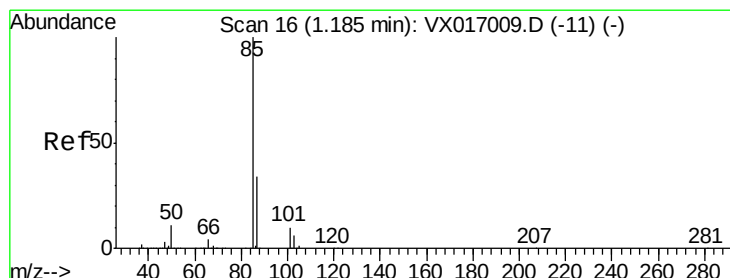
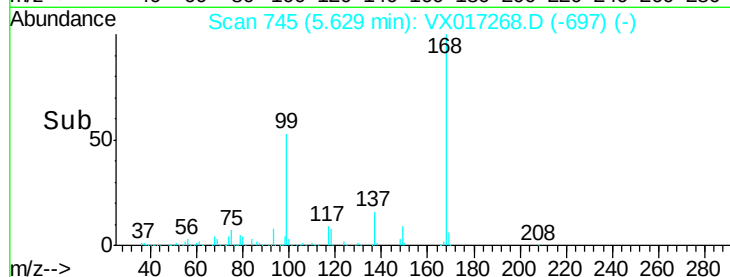
40000

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

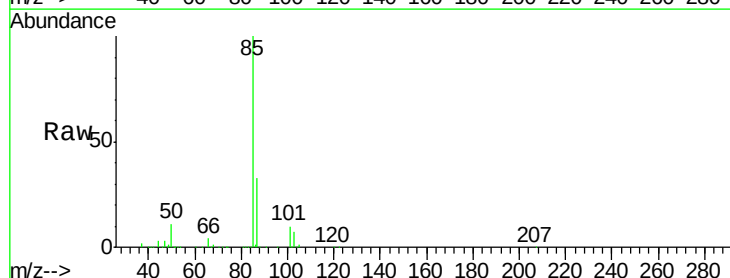
Acq: 08 Jul 2020 20:00

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

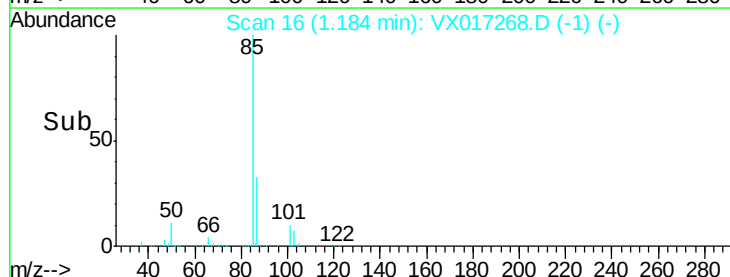
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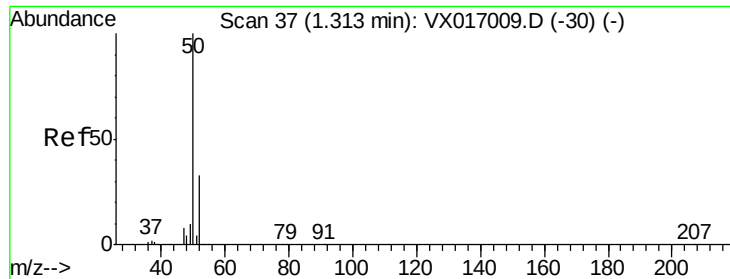
50000

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

Tot Ion: 50 Resp: 134058

Ion Ratio Lower Upper

50 100

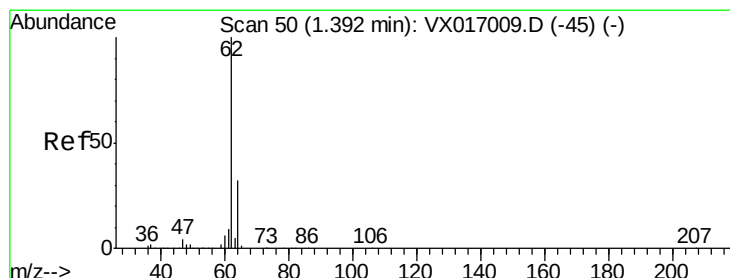
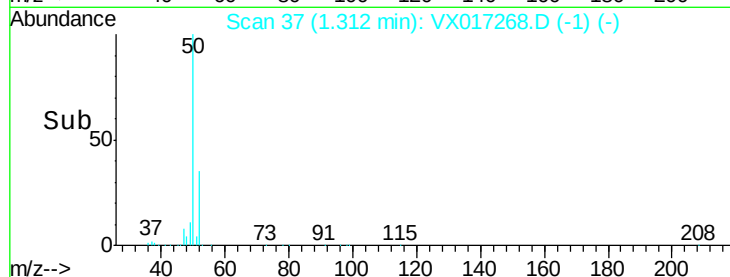
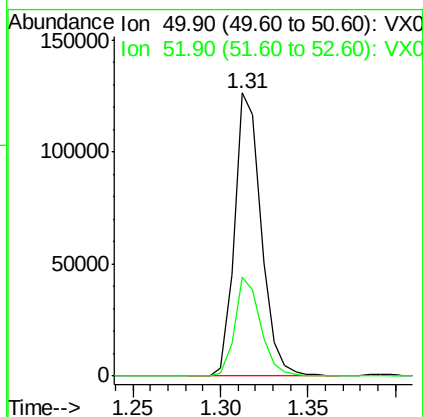
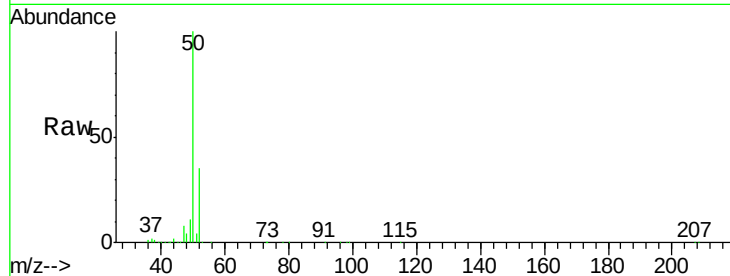
52 35.0 26.1 39.1

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#4

Vinyl Chloride

Concen: 45.072 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017268.D

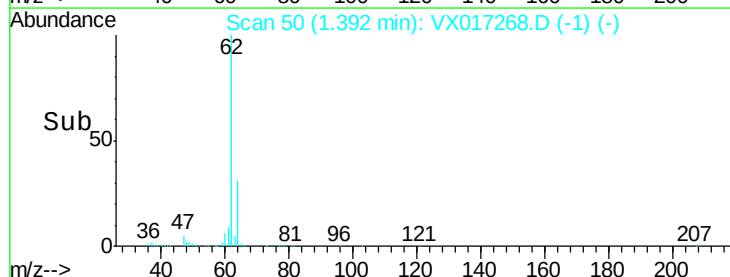
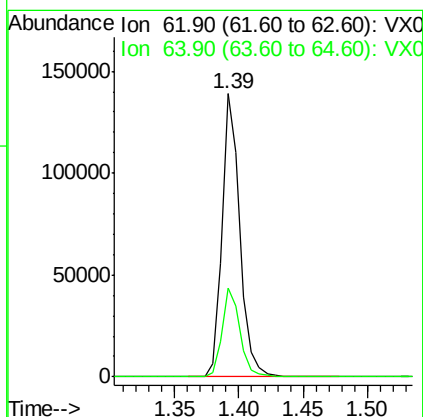
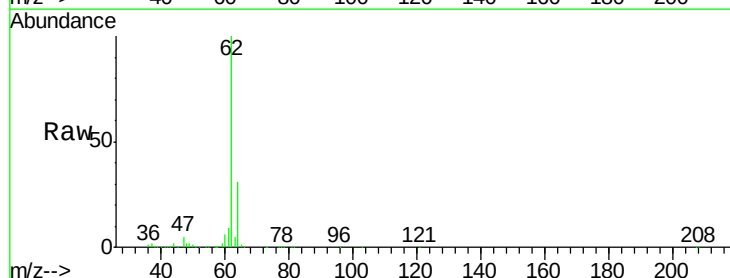
Acq: 08 Jul 2020 20:00

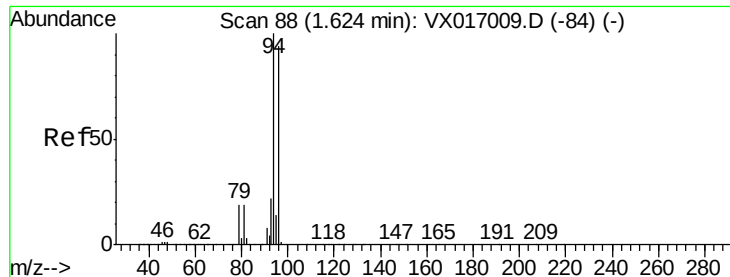
Tgt Ion: 62 Resp: 136158

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 :

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ClientSampleId :

MH-117N-20200630MS

Tot Ion: 94 Resp: 72380

Ion Ratio Lower Upper

94 100

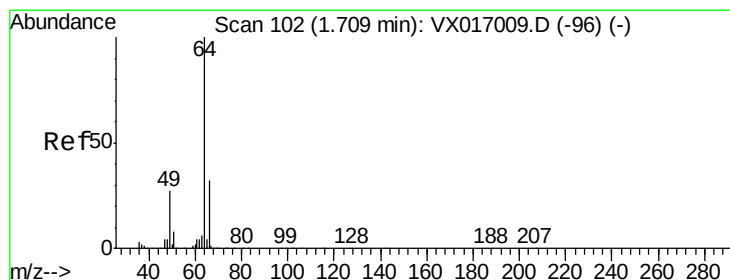
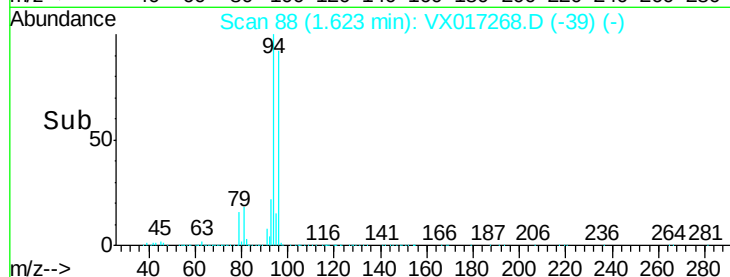
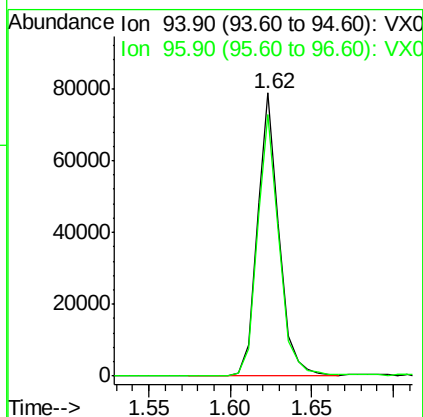
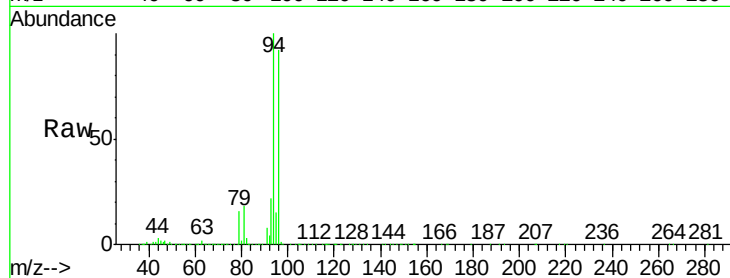
96 92.3 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 48.746 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017268.D

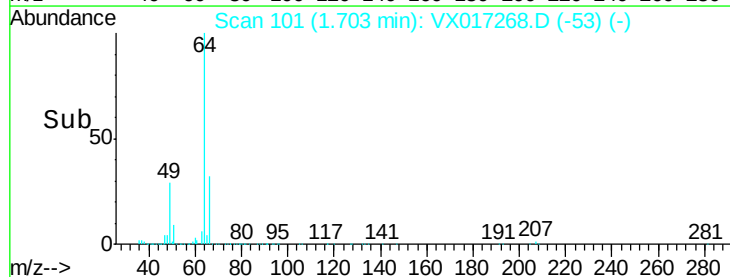
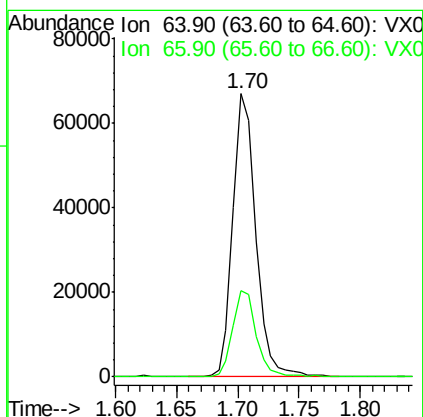
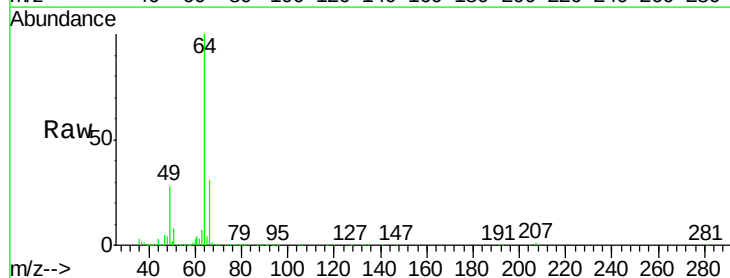
Acq: 08 Jul 2020 20:00

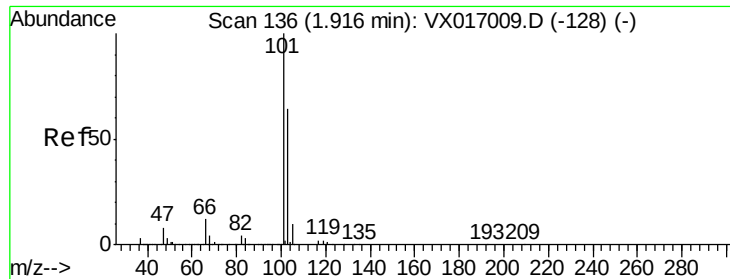
Tgt Ion: 64 Resp: 86970

Ion Ratio Lower Upper

64 100

66 30.6 25.5 38.3





#7

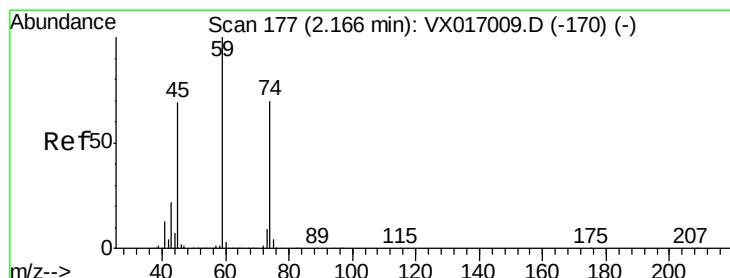
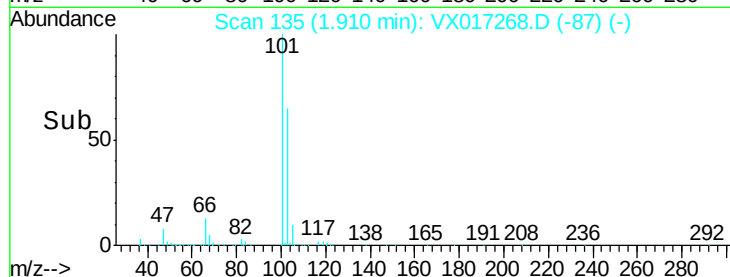
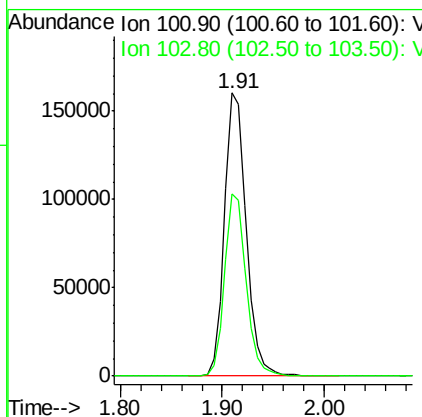
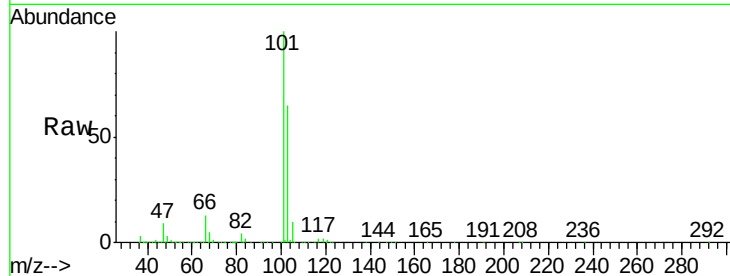
Trichlorofluoromethane
Concen: 53.027 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017268.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.5	77.3

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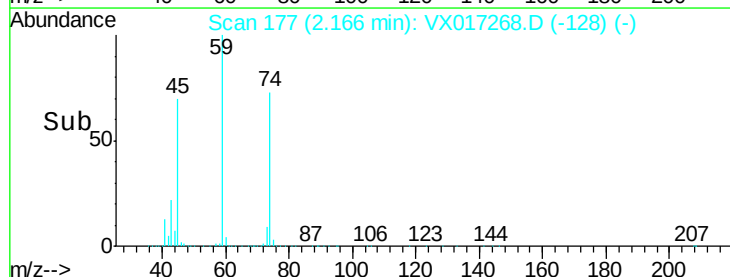
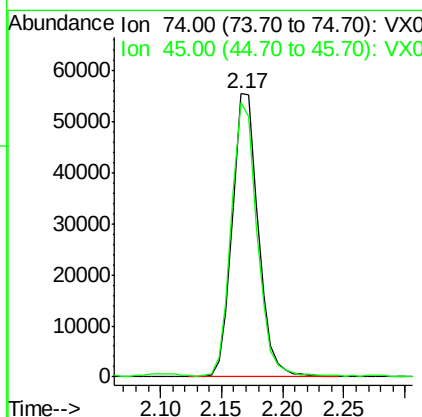
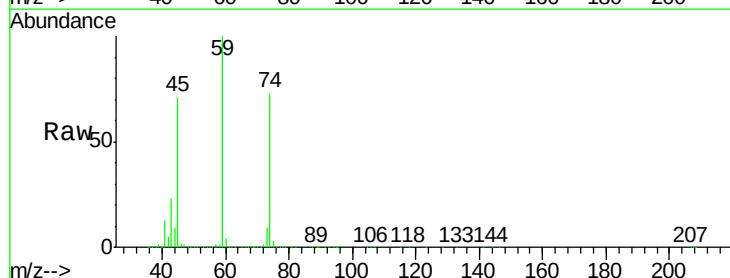
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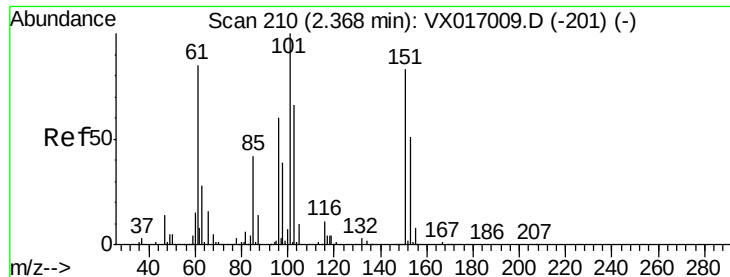


#8

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	Ratio	Lower	Upper
74	100		
45	96.1	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.281 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Instrument :

MSVOA_X

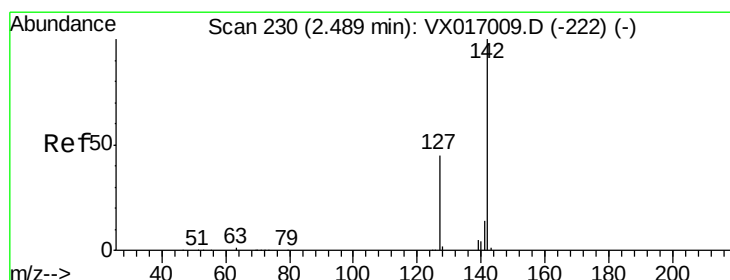
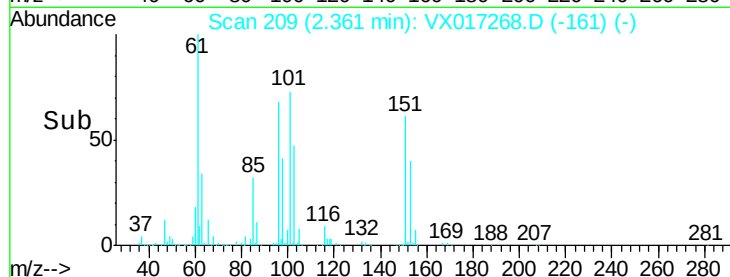
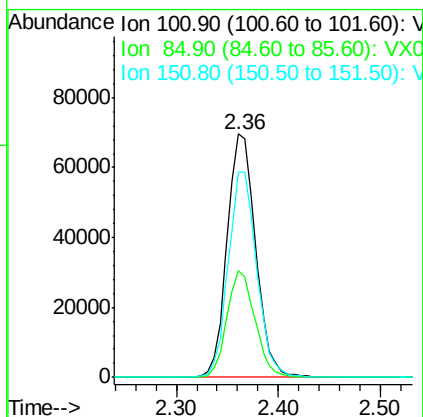
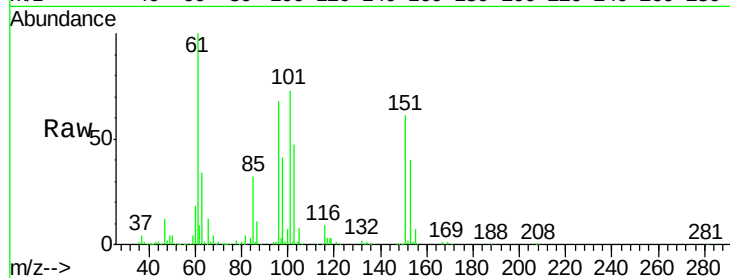
ClientSampleId :

MH-117N-20200630MS

Tot Ion:	101	Resp:	134640
Ion Ratio	Lower	Upper	
101	100		
85	43.1	33.5	50.3
151	84.0	63.8	95.6

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#10

Methyl Iodide

Concen: 40.162 ug/l

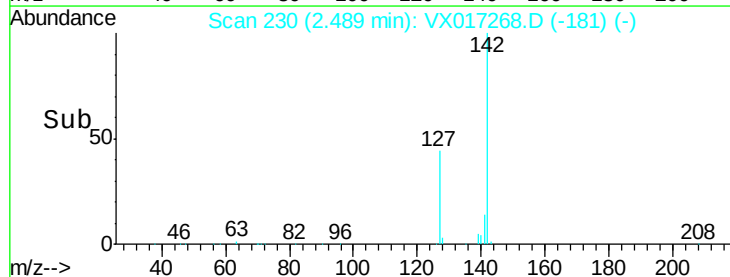
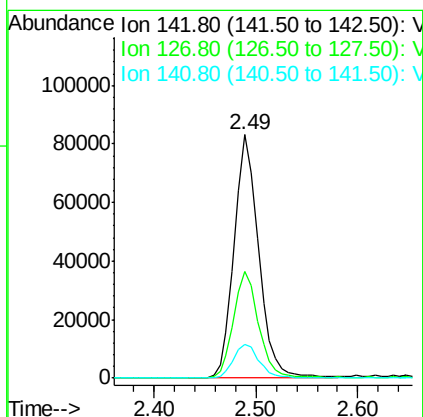
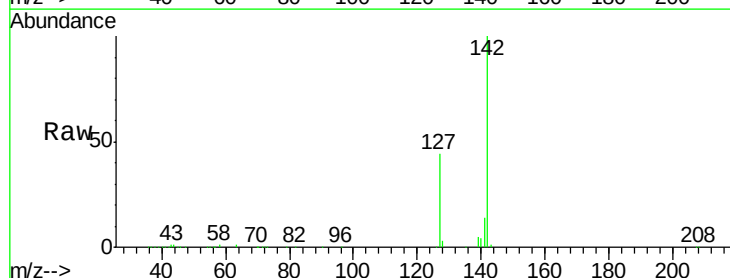
RT: 2.49 min Scan# 230

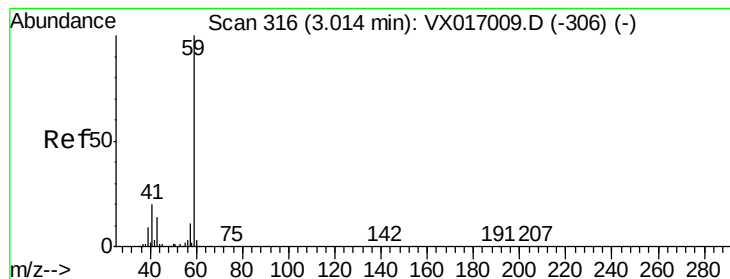
Delta R.T. -0.00 min

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





#11

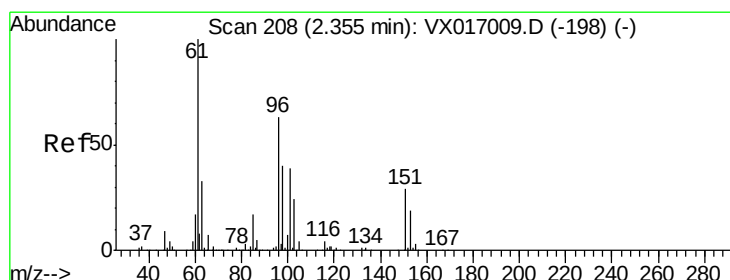
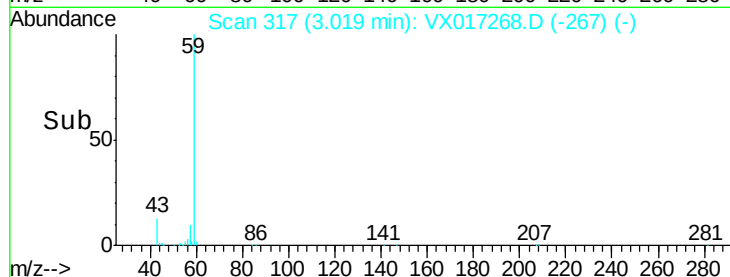
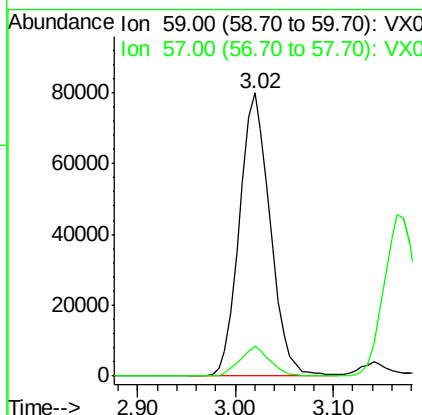
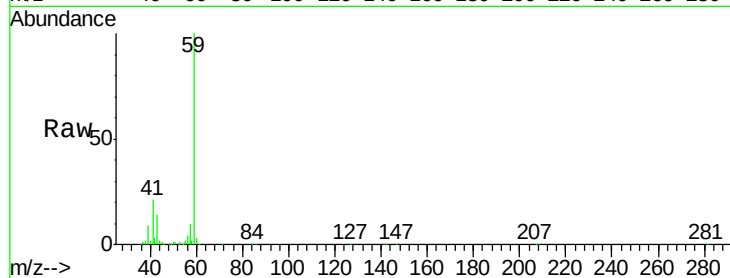
Tert butyl alcohol
Concen: 266.888 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

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

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

Manual Integrations
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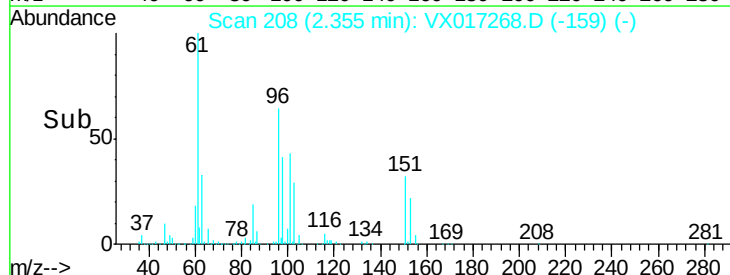
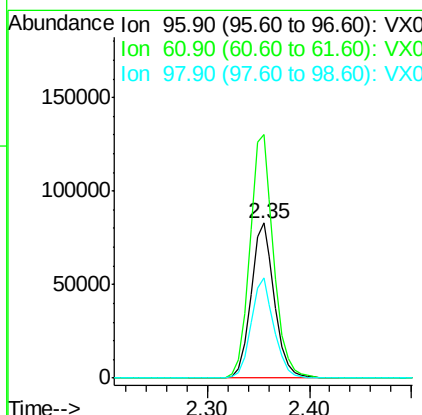
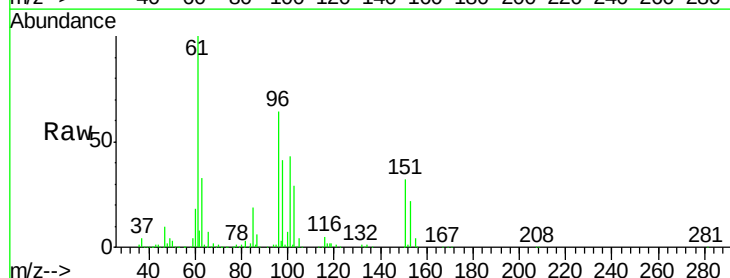
MMDadoda
7/9/2020 10:59:51 AM

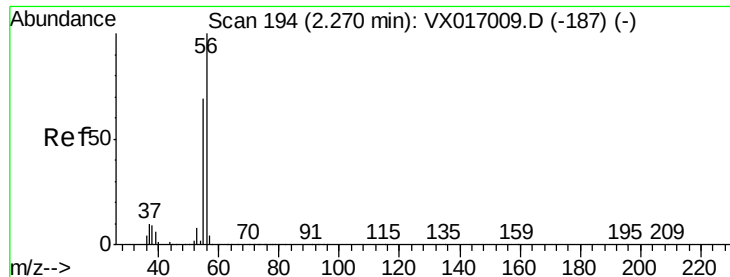


#12

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	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

Tot Ion: 56 Resp: 121030

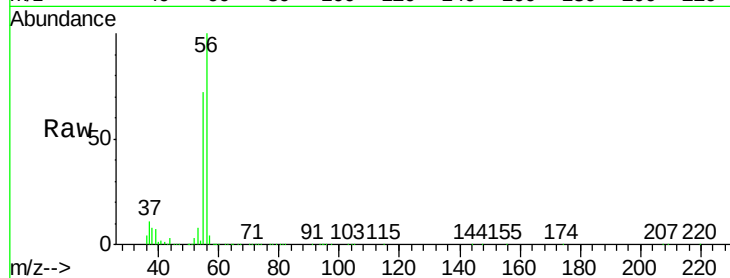
Ion Ratio Lower Upper

56 100

55 72.7 55.7 83.5

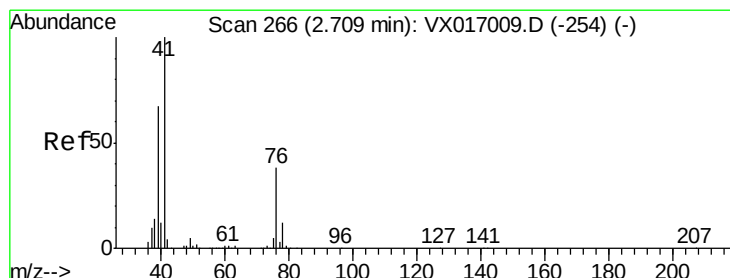
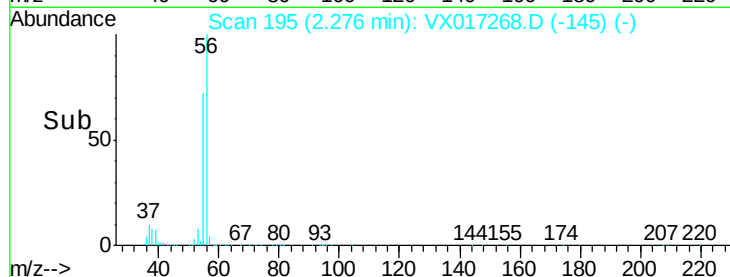
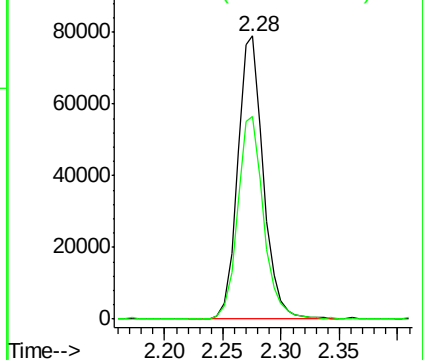
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7/9/2020 10:59:51 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#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

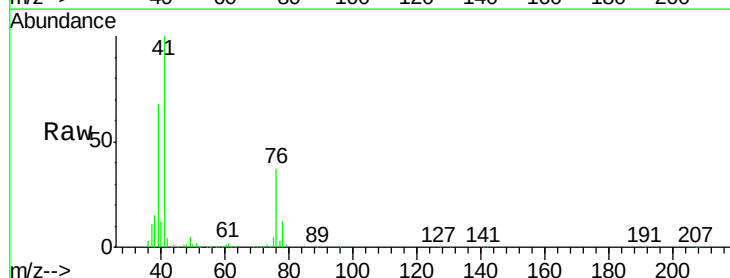
Tgt Ion: 41 Resp: 238828

Ion Ratio Lower Upper

41 100

39 64.6 49.4 74.2

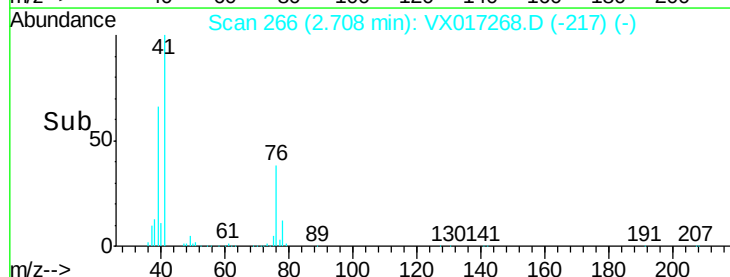
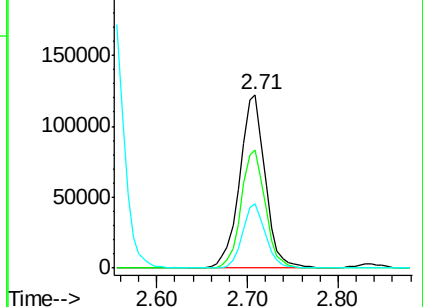
76 32.8 26.8 40.2

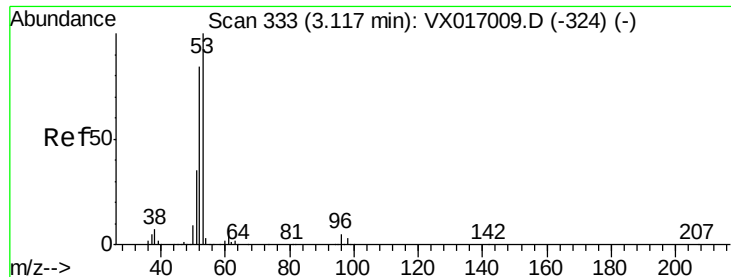


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#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

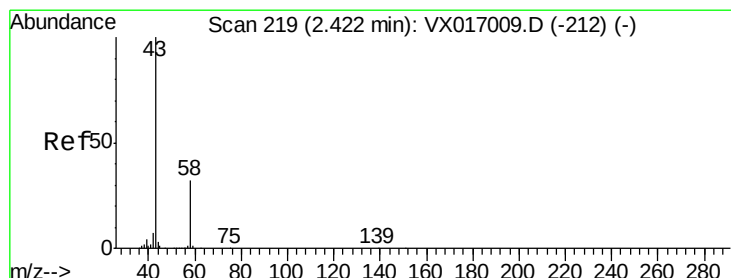
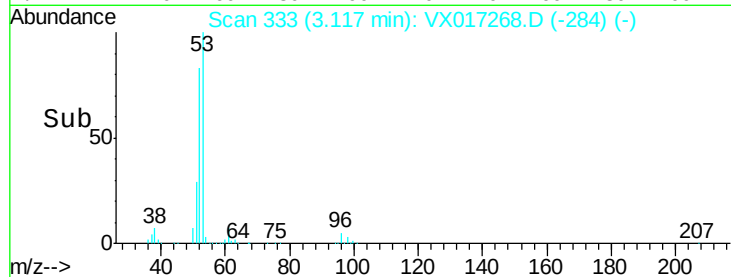
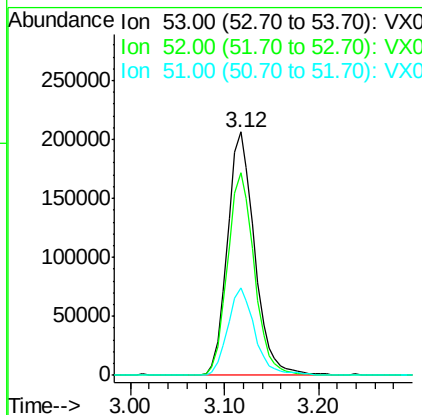
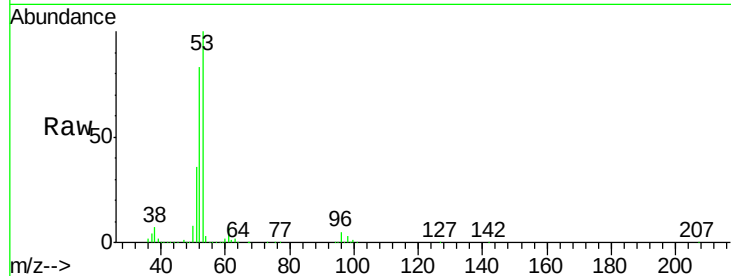
ClientSampleId :

MH-117N-20200630MS

Tot Ion:	53	Resp:	414830
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.6	98.4
51	36.1	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 271.792 ug/l

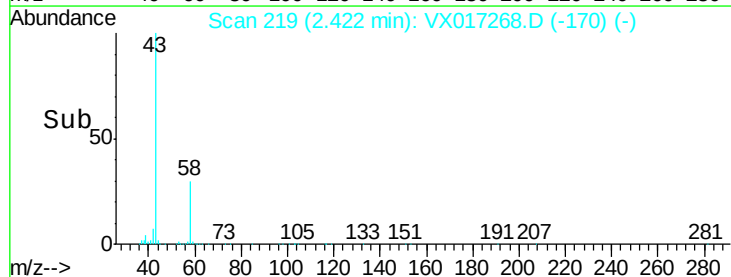
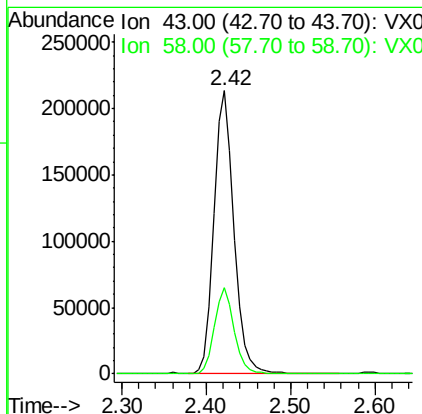
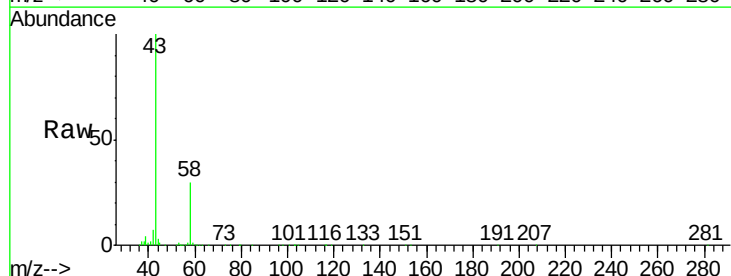
RT: 2.42 min Scan# 219

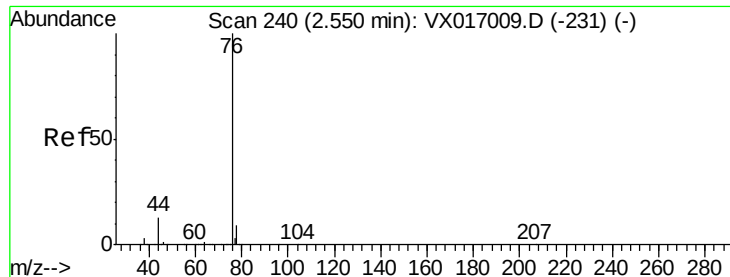
Delta R.T. -0.00 min

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

Tot Ion: 76 Resp: 347940

Ion Ratio Lower Upper

76 100

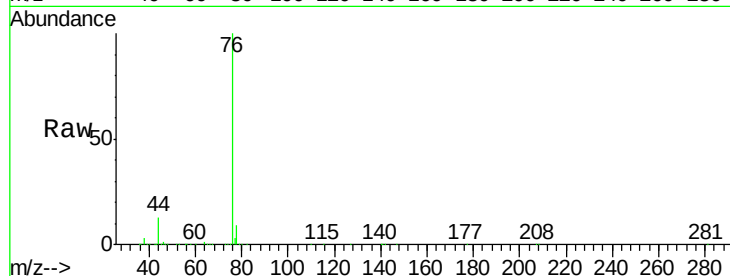
78 9.3 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

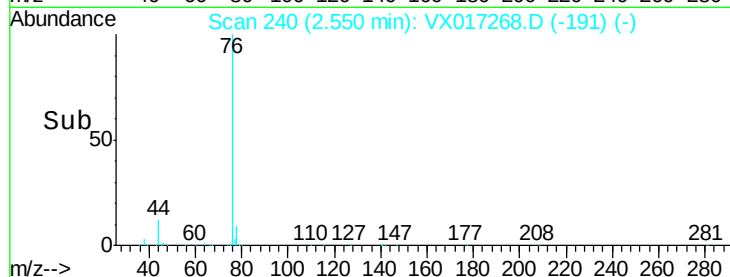
150000

100000

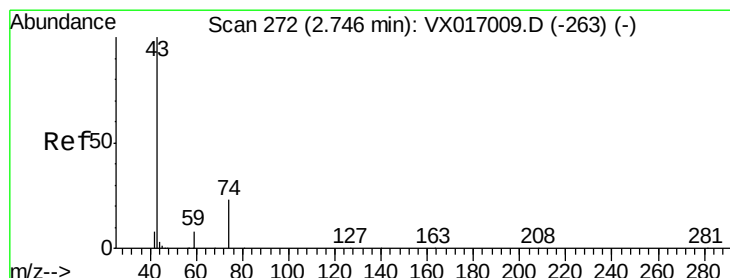
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 54.389 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017268.D

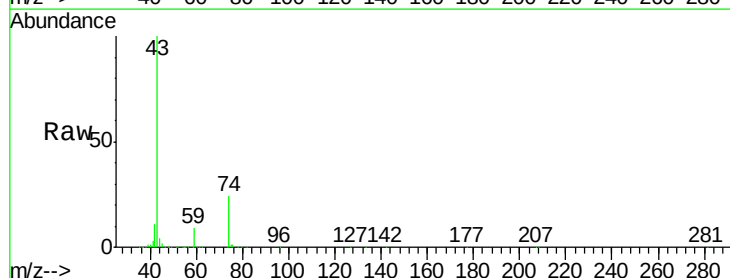
Acq: 08 Jul 2020 20:00

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

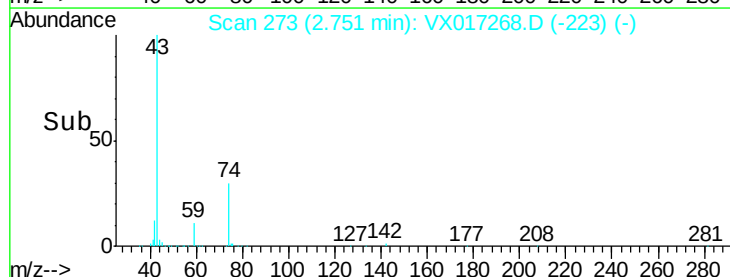
60000

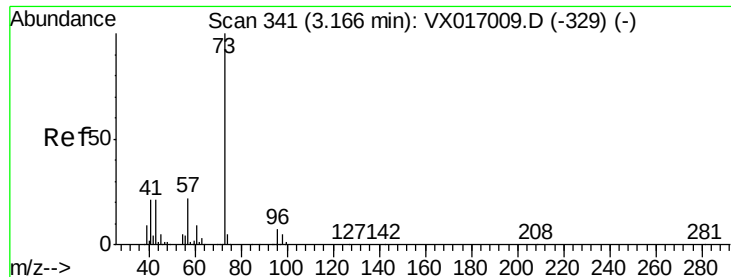
40000

20000

0

Time-->





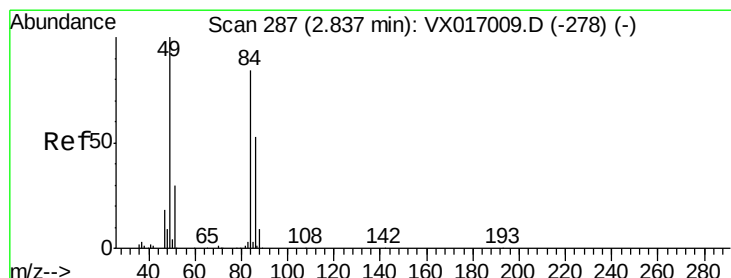
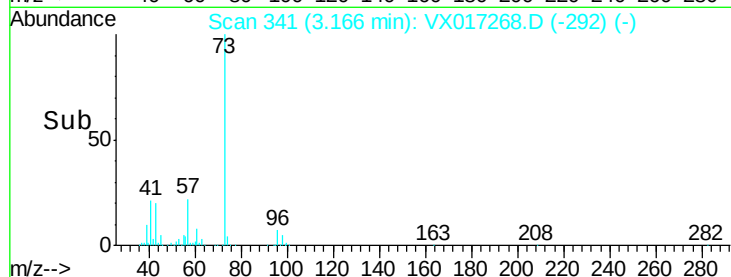
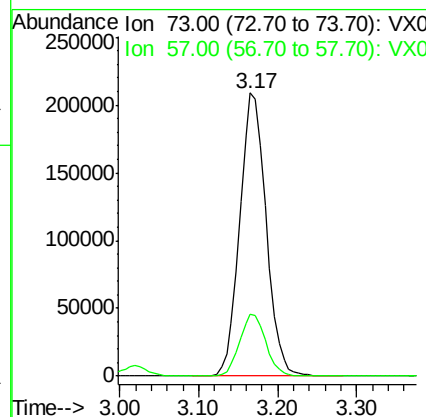
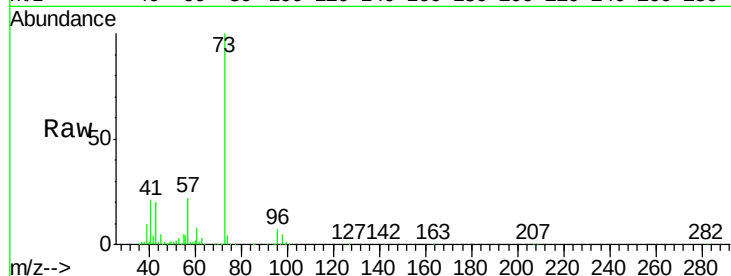
#19
Methyl tert-butyl Ether
Concen: 52.792 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

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

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.6	26.4

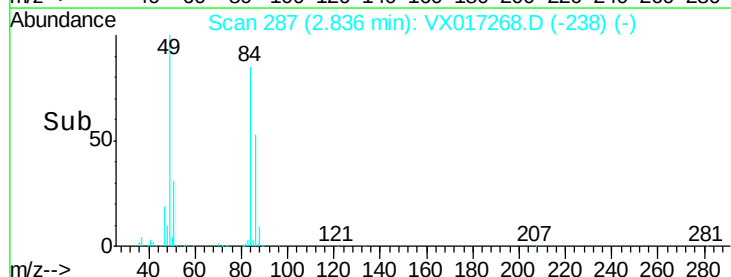
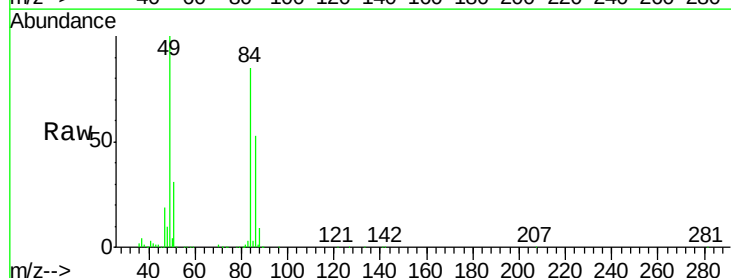
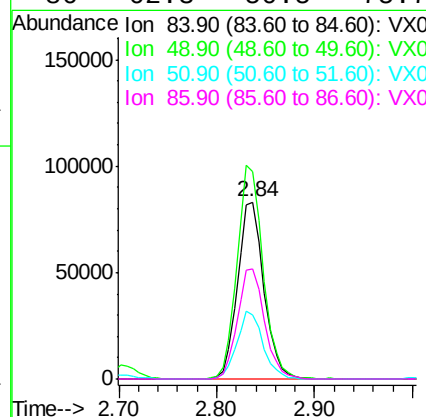
Manual Integrations
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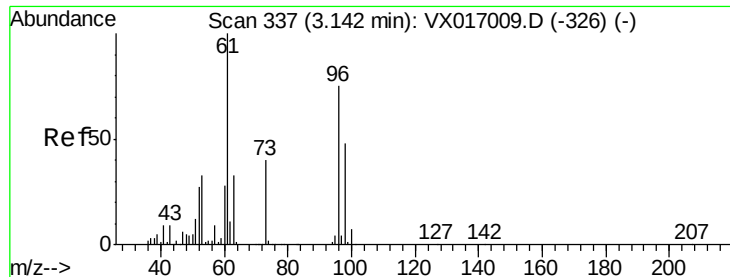
MMDadoda
7/9/2020 10:59:51 AM



#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	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

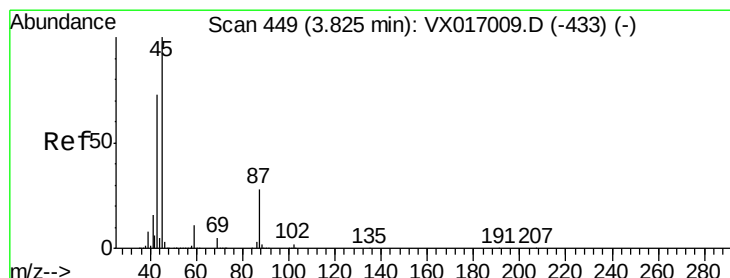
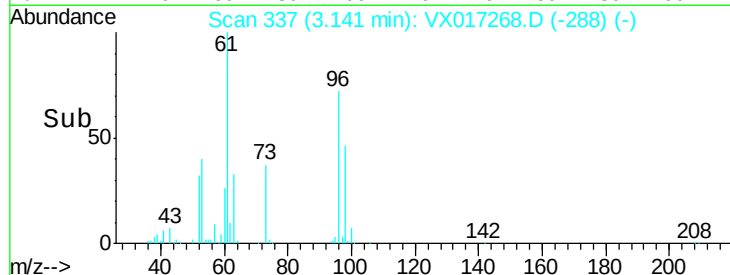
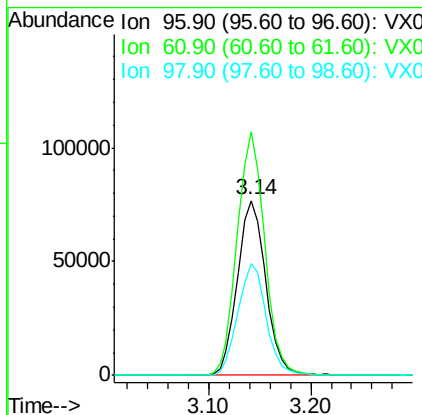
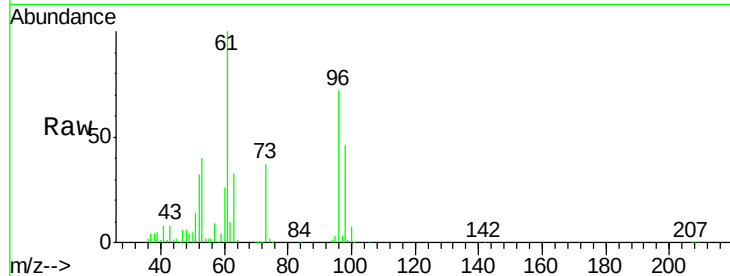
ClientSampleId :

MH-117N-20200630MS

Tot Ion:	96	Resp:	147914
Ion	Ratio	Lower	Upper
96	100		
61	139.2	107.0	160.6
98	64.0	51.6	77.4

Manual Integrations
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7/9/2020 10:59:51 AM



#22

Diisopropyl ether

Concen: 50.343 ug/l

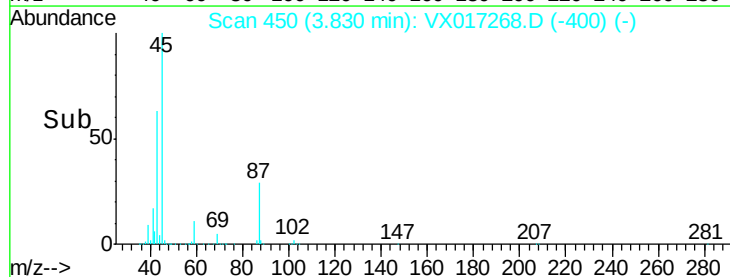
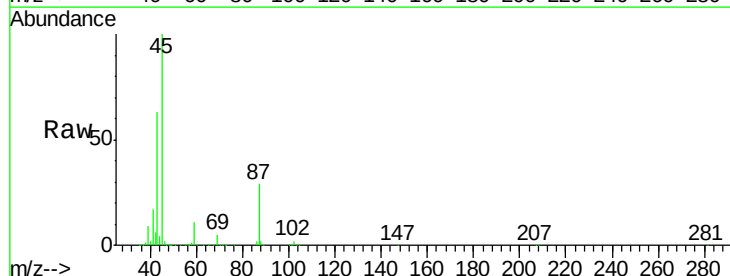
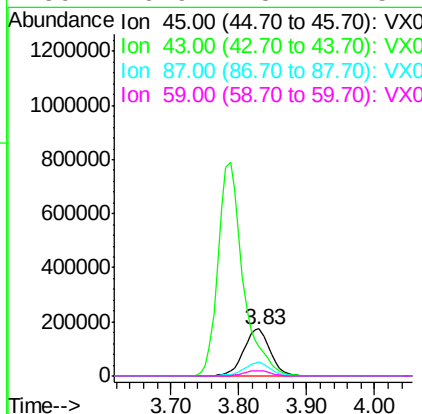
RT: 3.83 min Scan# 450

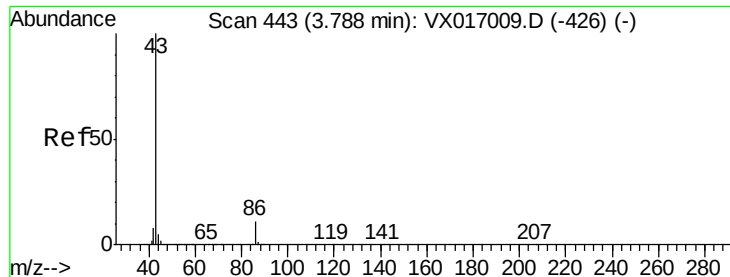
Delta R.T. 0.01 min

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





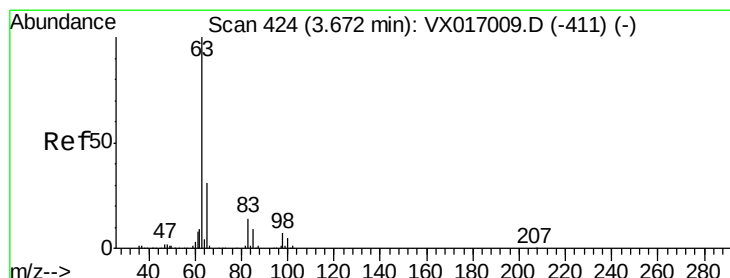
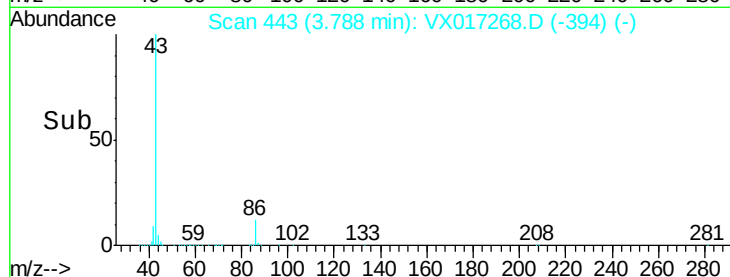
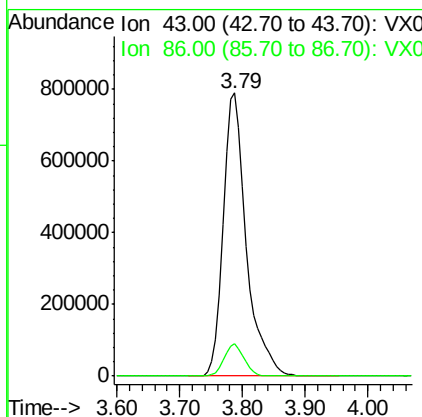
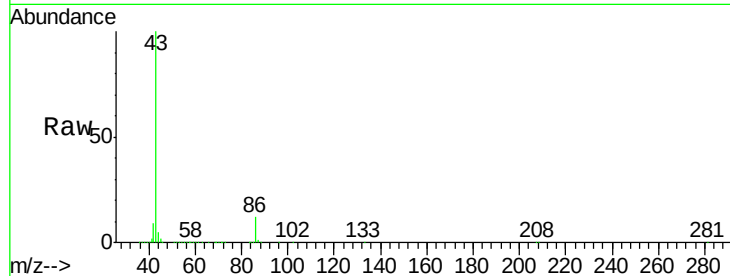
#23
 Vinyl Acetate
 Concen: 248.840 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

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

Tot Ion: 43 Resp: 2011959
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.6 13.0

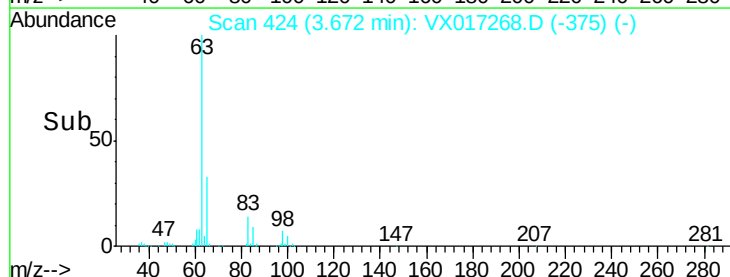
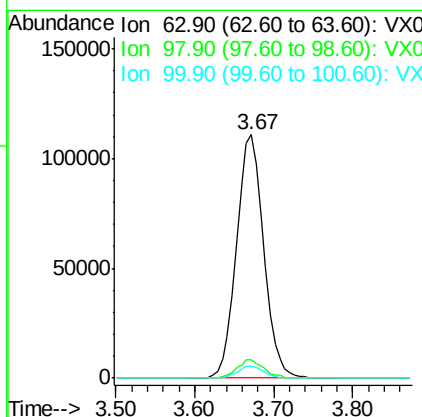
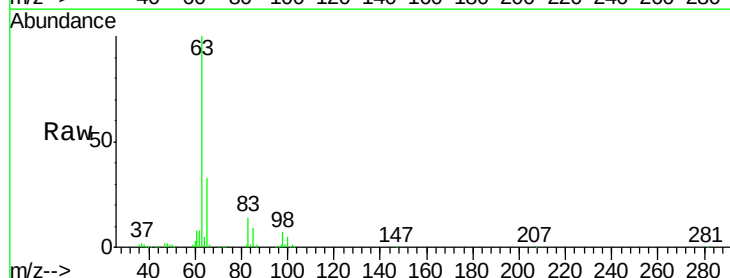
Manual Integrations
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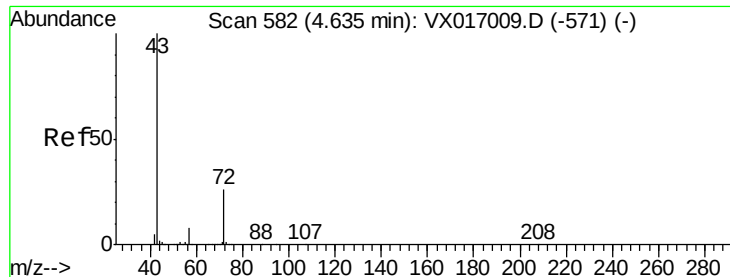
MMDadoda
 7/9/2020 10:59:51 AM



#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

Tot Ion: 43 Resp: 557994

Ion Ratio Lower Upper

43 100

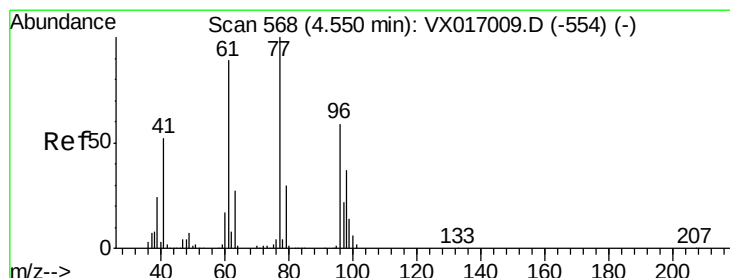
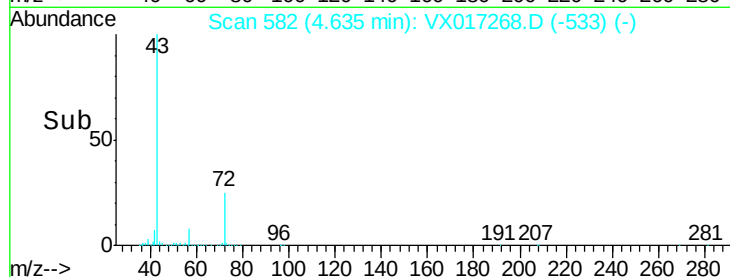
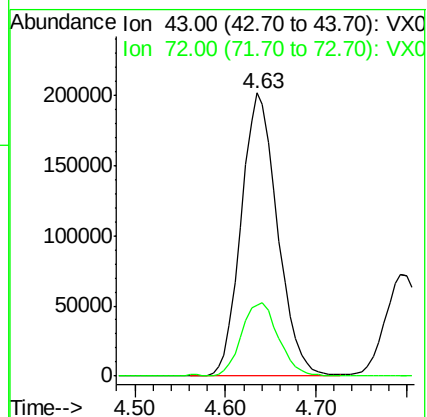
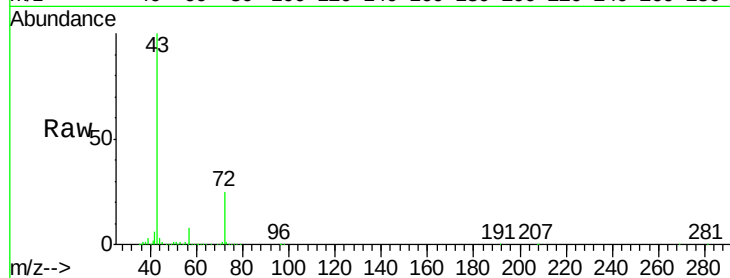
72 24.9 20.8 31.2

Manual Integrations

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7/9/2020 10:59:51 AM



#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

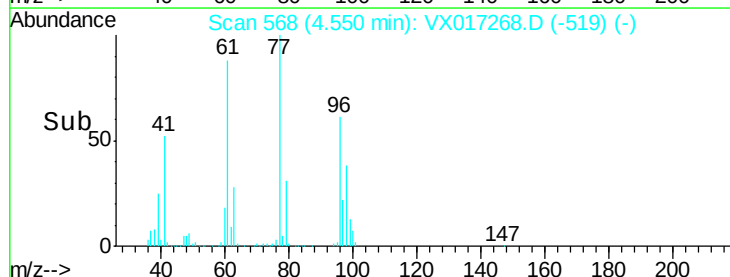
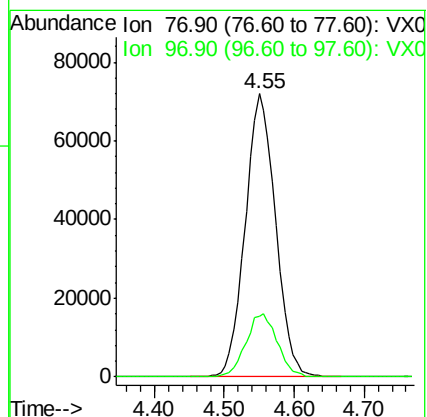
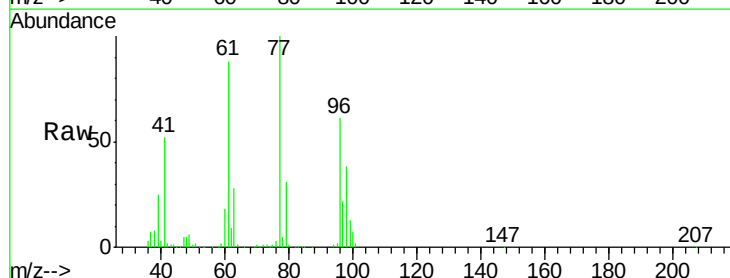
Acq: 08 Jul 2020 20:00

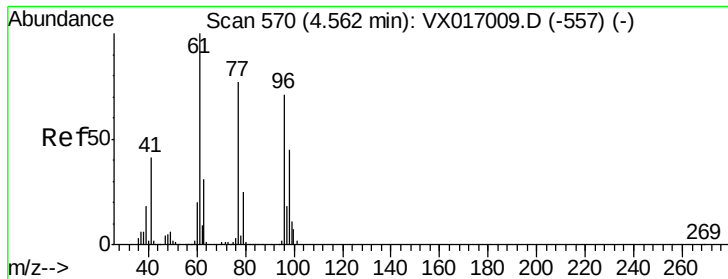
Tgt Ion: 77 Resp: 216753

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.2





#27

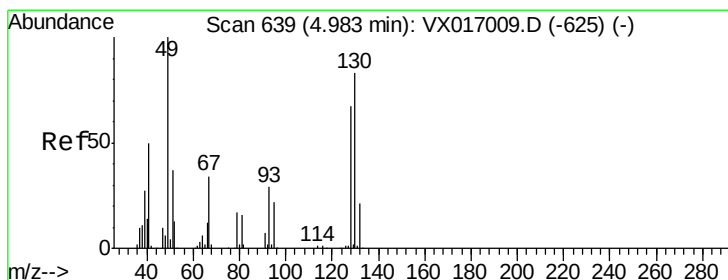
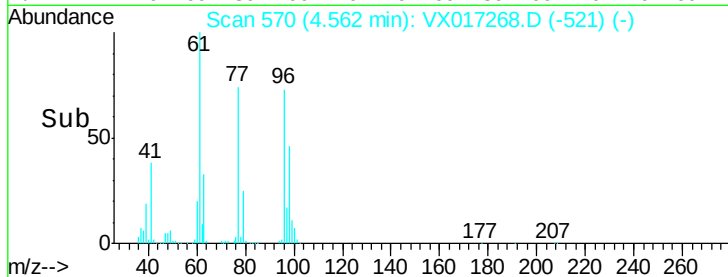
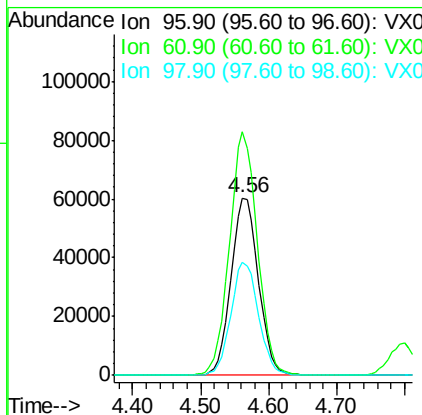
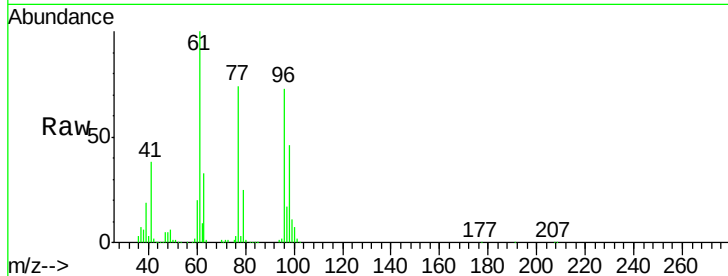
cis-1,2-Dichloroethene
Concen: 48.867 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

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

Tot Ion	Ratio	Resp	Lower	Upper
96	100	169026		
61	139.5	0.0	282.8	
98	64.3	0.0	127.6	

Manual Integrations
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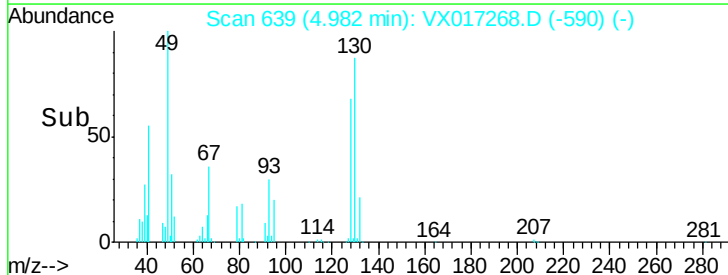
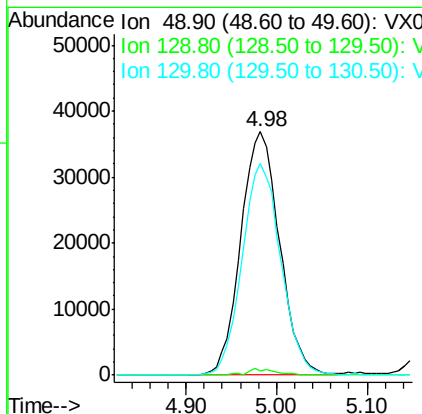
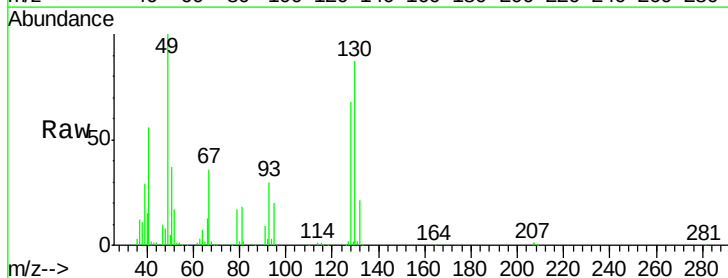
MMDadoda
7/9/2020 10:59:51 AM

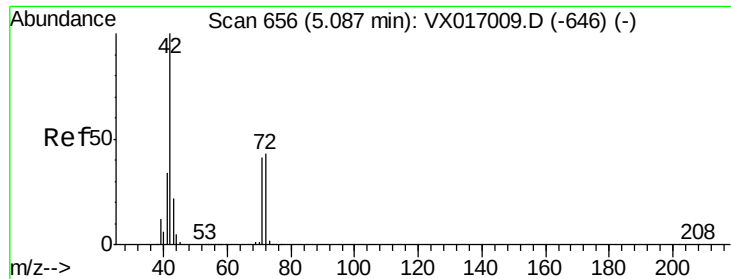


#28

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	Resp	Lower	Upper
49	100	109673		
129	2.0	0.0	4.2	
130	86.4	66.6	100.0	





#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

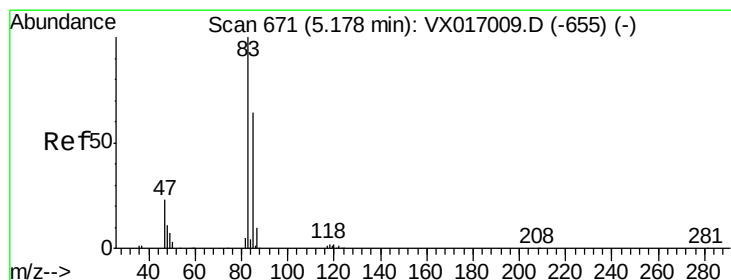
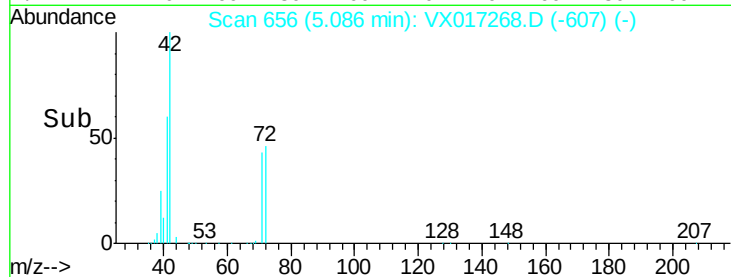
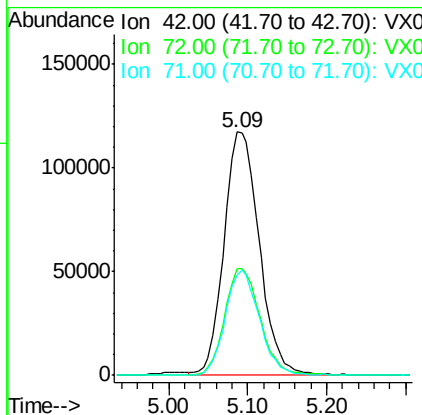
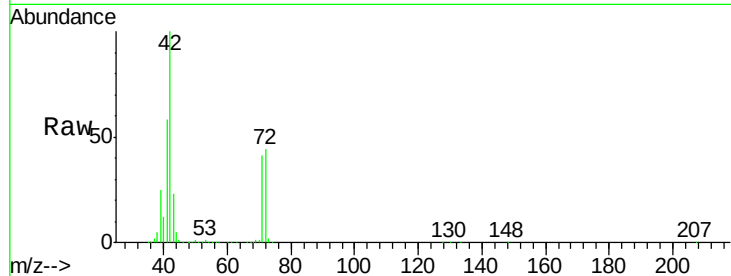
ClientSampleId :

MH-117N-20200630MS

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

Manual Integrations
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#30

Chloroform

Concen: 50.919 ug/l

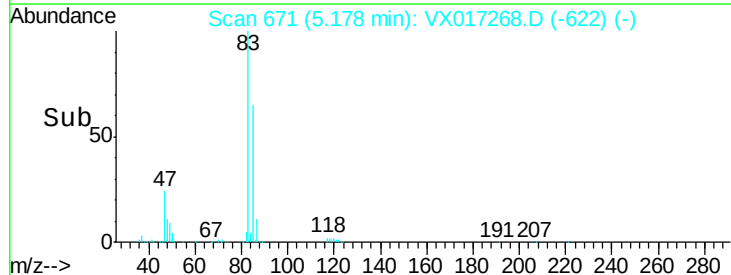
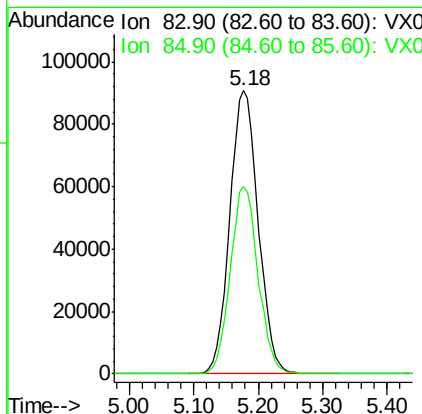
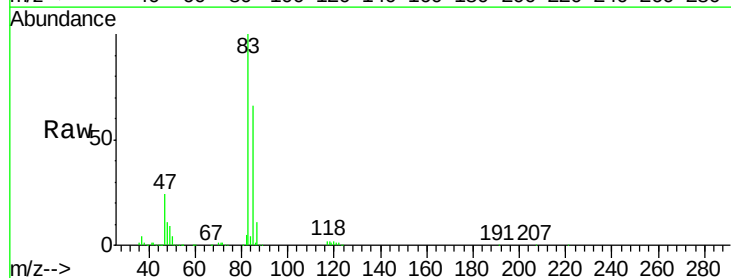
RT: 5.18 min Scan# 671

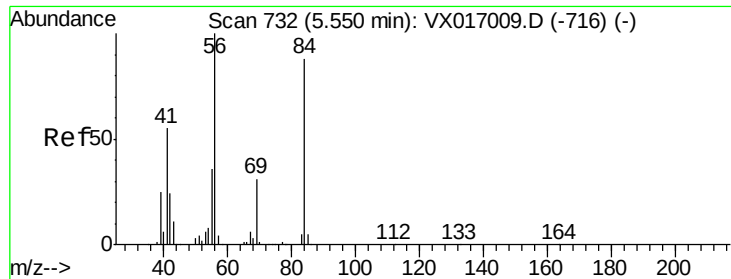
Delta R.T. -0.00 min

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





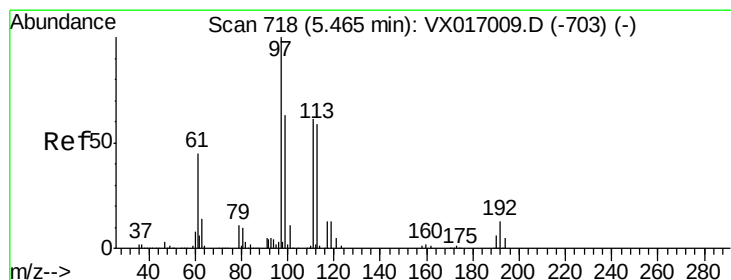
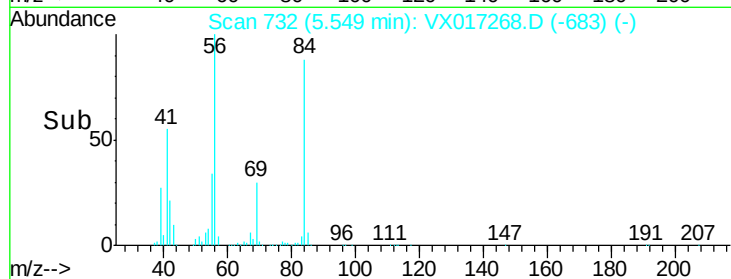
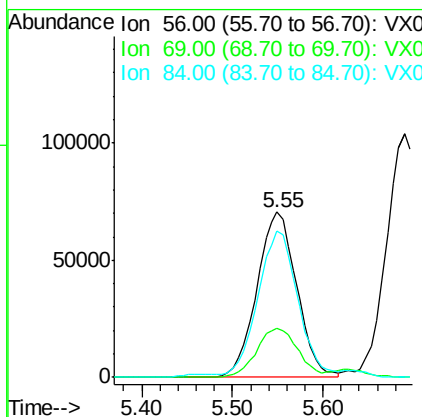
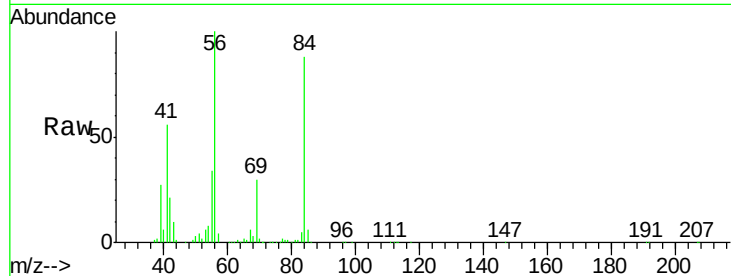
#31
Cyclohexane
Concen: 46.313 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

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

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.8	25.0	37.4
84	86.8	69.1	103.7

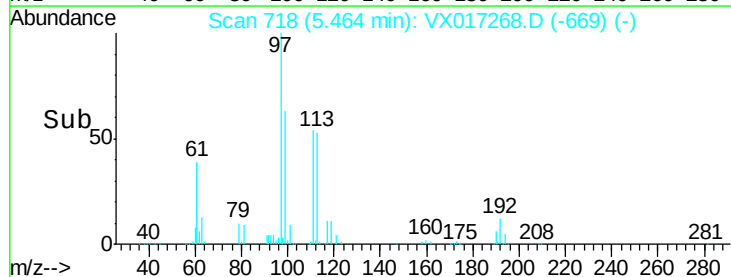
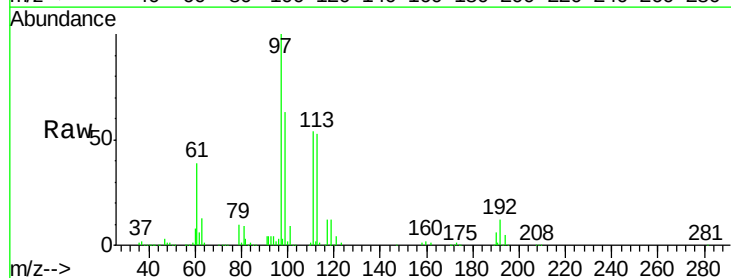
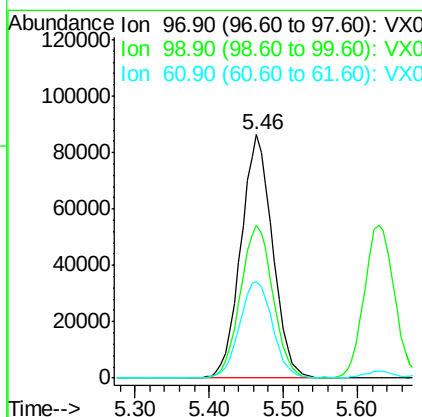
Manual Integrations
APPROVED

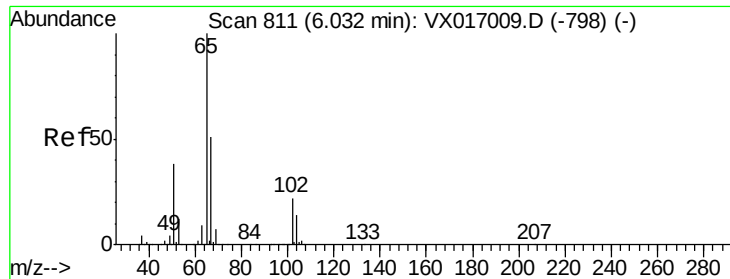
MMDadoda
7/9/2020 10:59:51 AM



#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	Ratio	Lower	Upper
97	100		
99	64.5	50.8	76.2
61	41.4	33.7	50.5





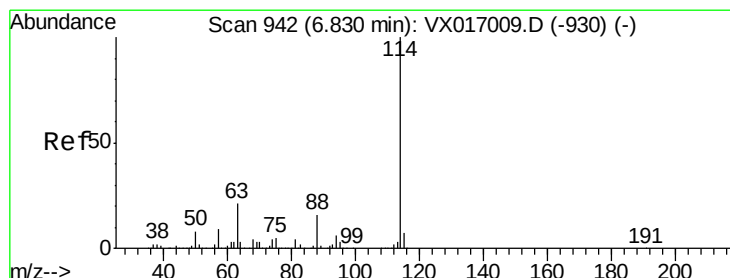
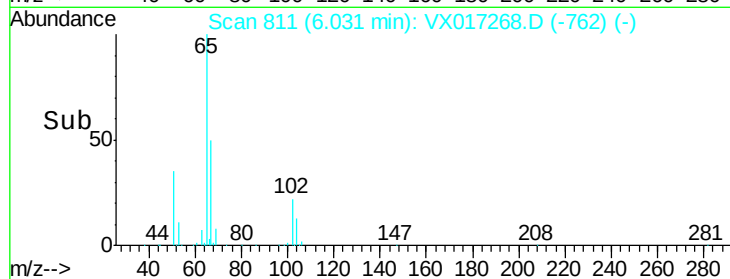
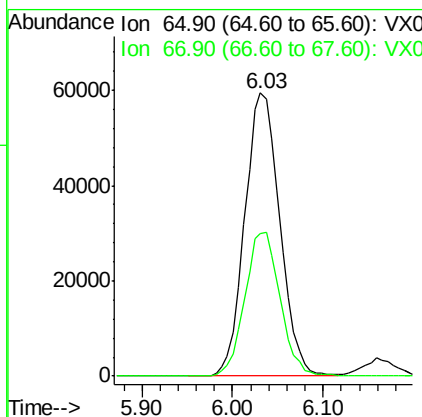
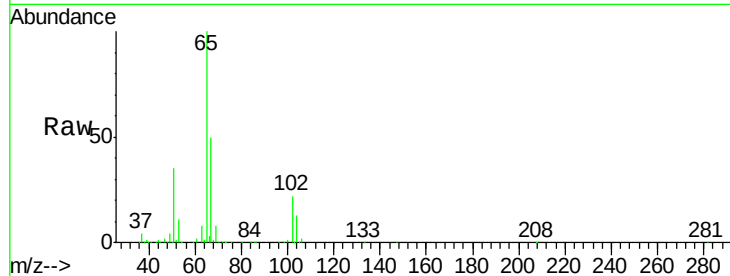
#33
 1,2-Dichloroethane-d4
 Concen: 46.509 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

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

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	103.8

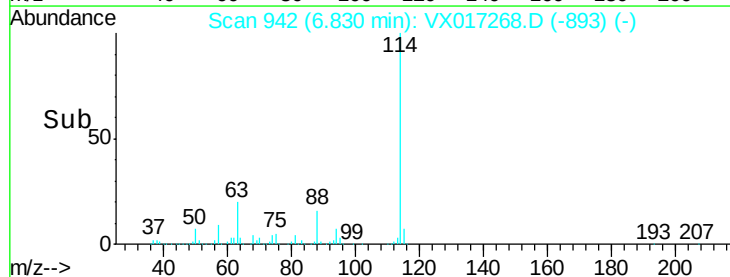
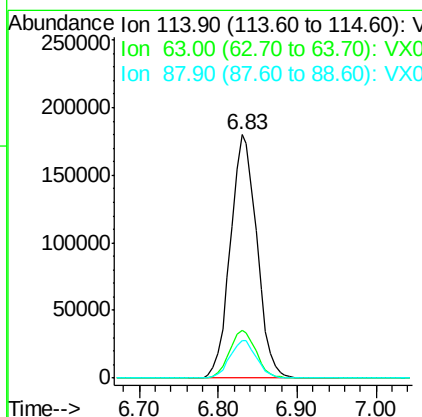
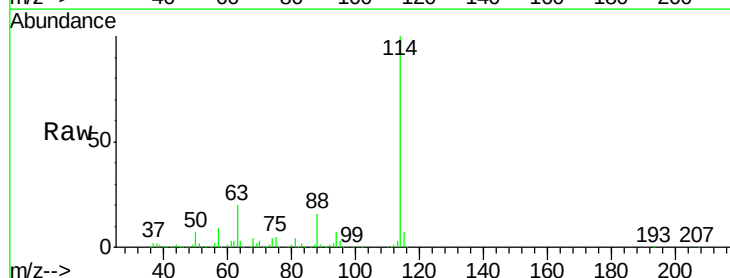
Manual Integrations
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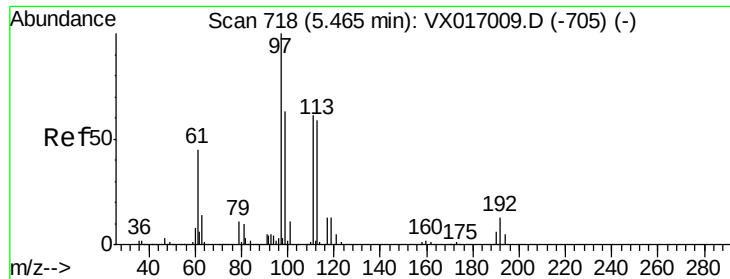
MMDadoda
 7/9/2020 10:59:51 AM



#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	Ratio	Lower	Upper
114	100		
63	19.9	0.0	41.4
88	15.5	0.0	32.4





#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

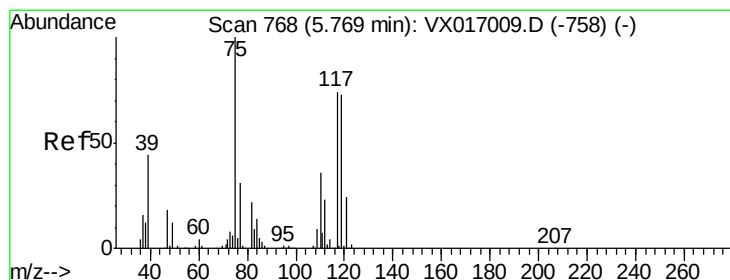
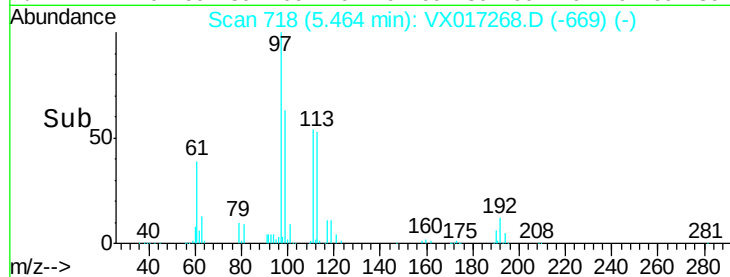
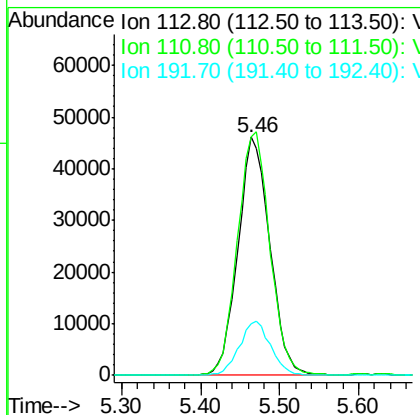
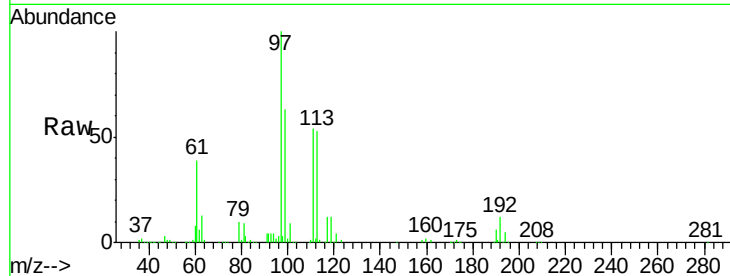
ClientSampleId :

MH-117N-20200630MS

Tot Ion:	113	Resp:	129622
Ion Ratio	Lower	Upper	
113	100		
111	103.9	81.9	122.9
192	22.3	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.035 ug/l

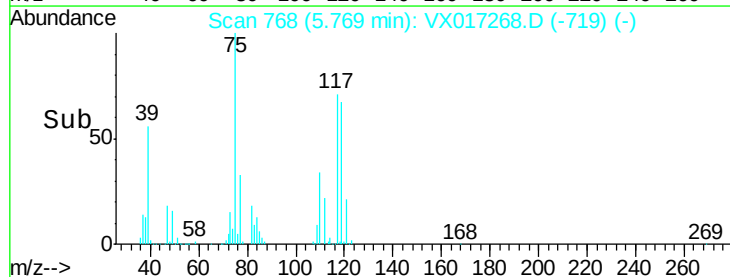
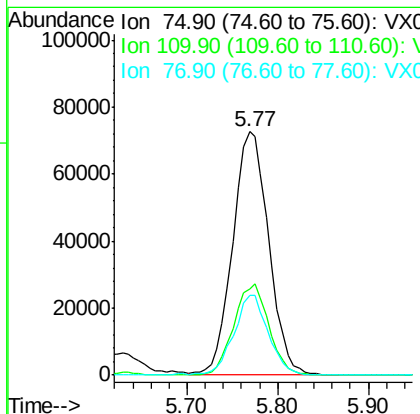
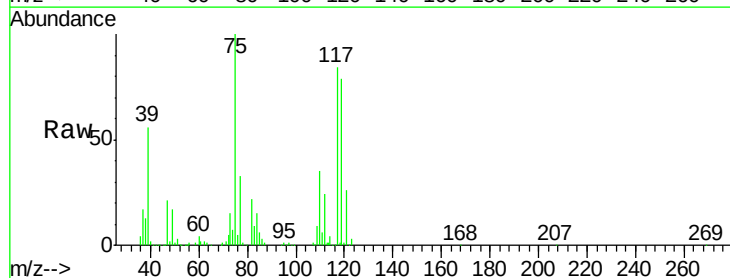
RT: 5.77 min Scan# 768

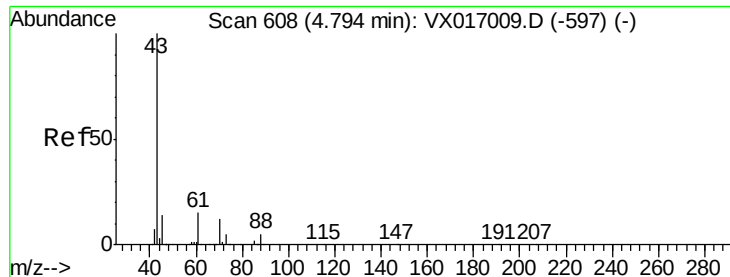
Delta R.T. -0.00 min

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





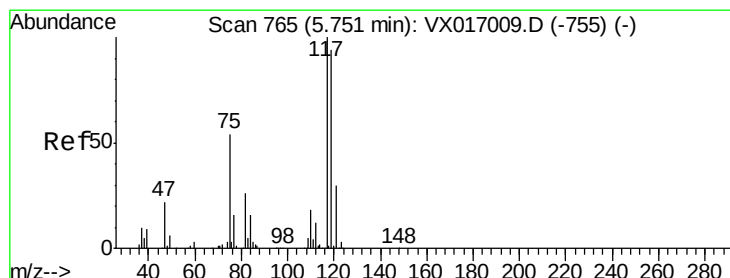
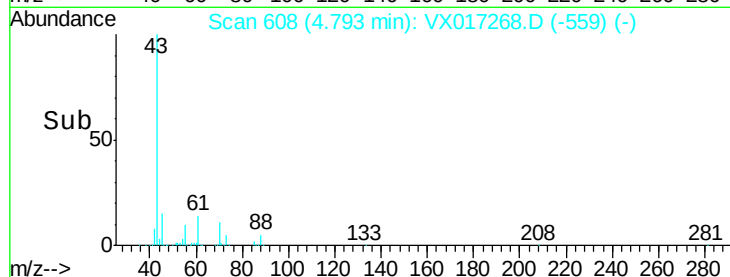
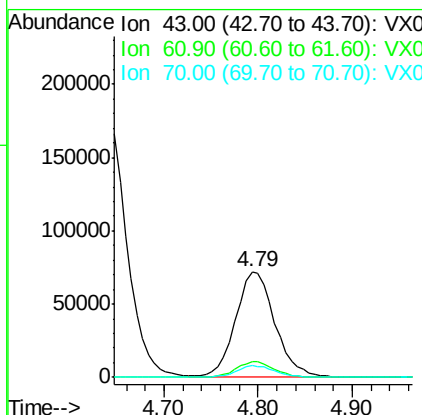
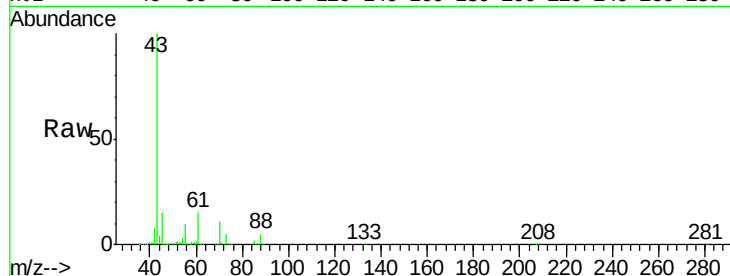
#37
Ethyl Acetate
Concen: 51.575 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.0	16.4
70	11.4	8.9	13.3

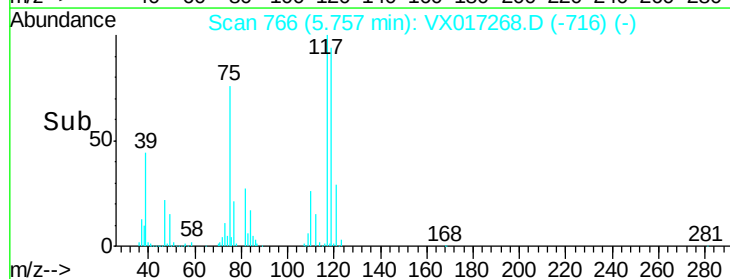
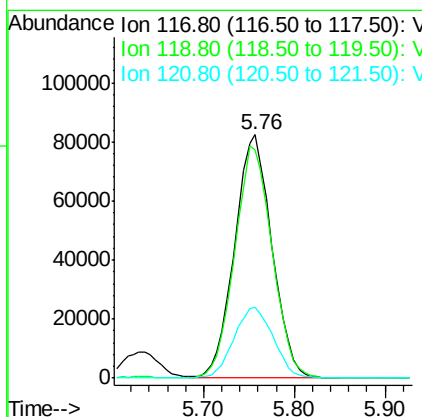
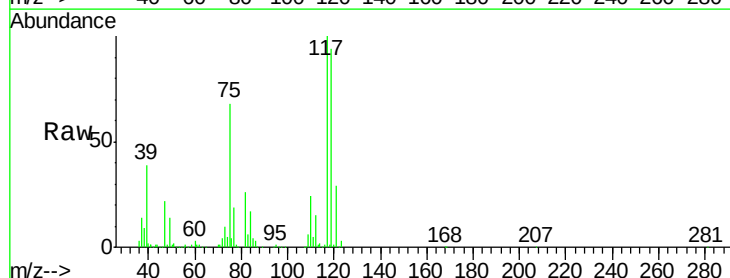
Manual Integrations
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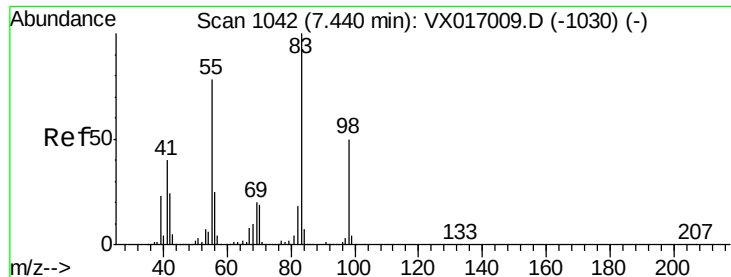
MMDadoda
7/9/2020 10:59:51 AM



#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	Ratio	Lower	Upper
117	100		
119	93.4	75.4	113.0
121	29.3	23.8	35.6





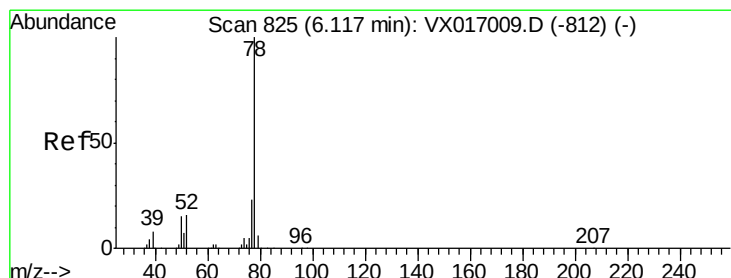
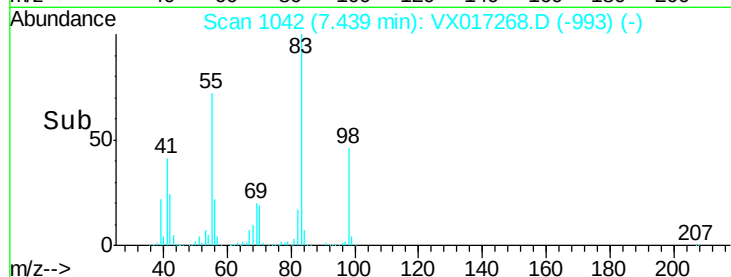
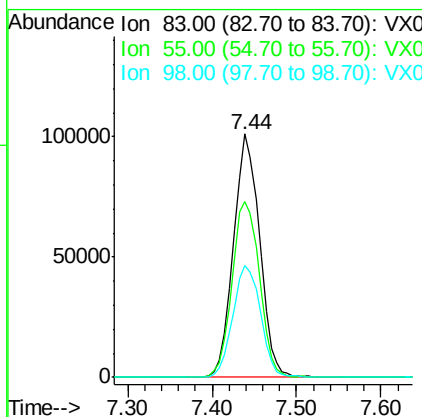
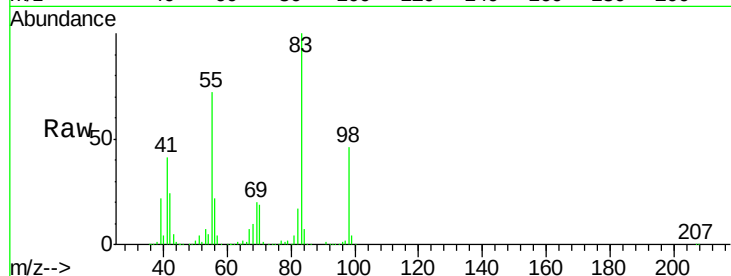
#39
Methylvlcyclohexane
Concen: 48.101 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

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

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

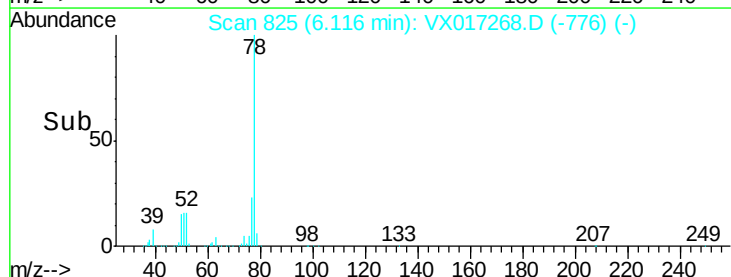
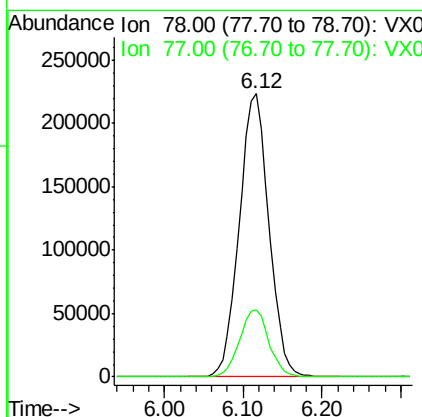
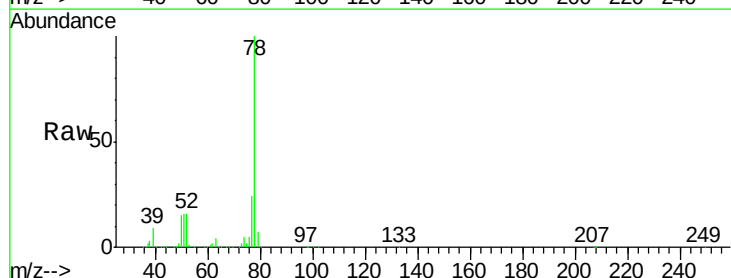
Manual Integrations
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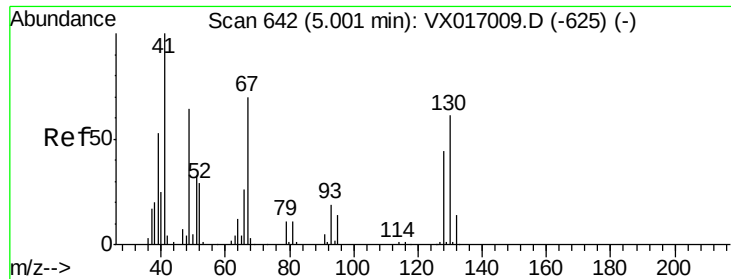
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#40
Benzene
Concen: 50.116 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

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





#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

ClientSampleId :

MH-117N-20200630MS

Tot Ion: 41 Resp: 124436

Ion Ratio Lower Upper

41 100

39 53.7 44.4 66.6

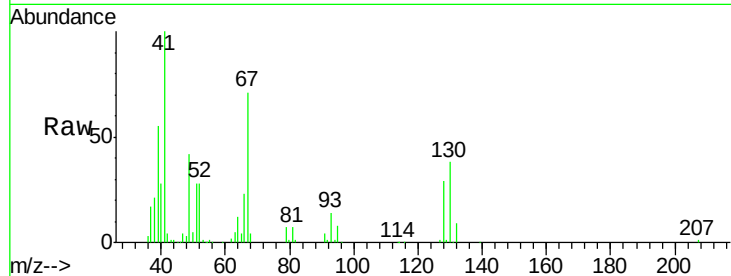
67 70.3 57.1 85.7

52 28.8 23.2 34.8

Manual Integrations
APPROVED

MMDadoda

7/9/2020 10:59:51 AM



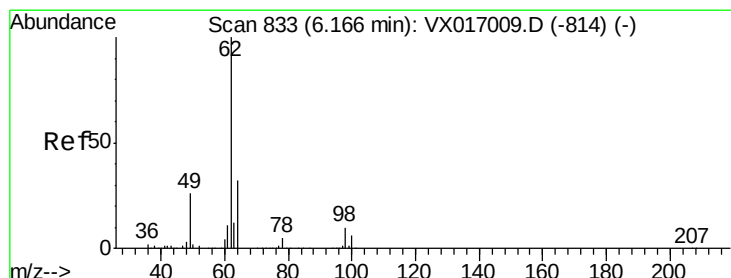
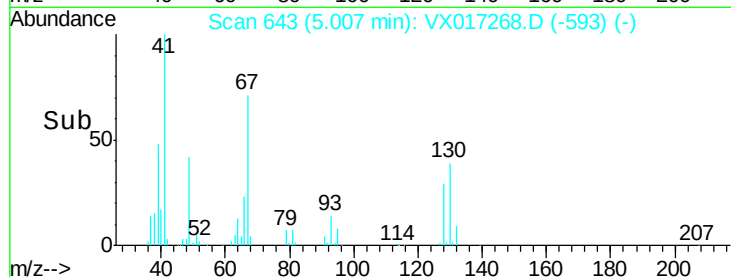
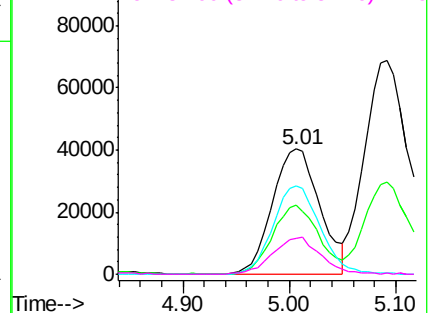
Abundance

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

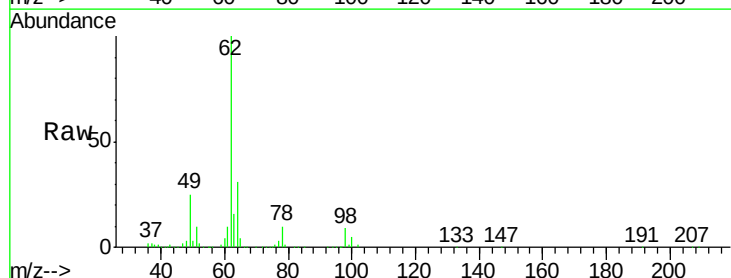
Acq: 08 Jul 2020 20:00

Tgt Ion: 62 Resp: 226051

Ion Ratio Lower Upper

62 100

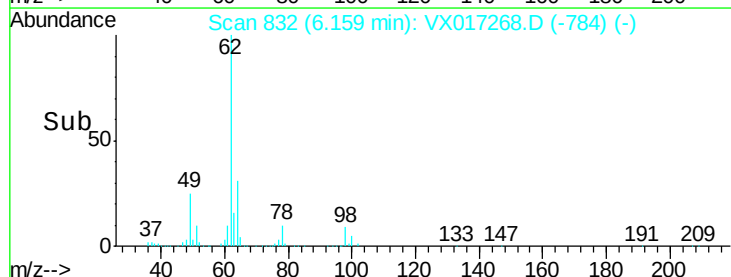
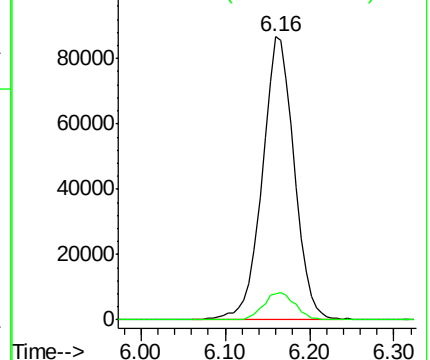
98 9.7 0.0 19.2

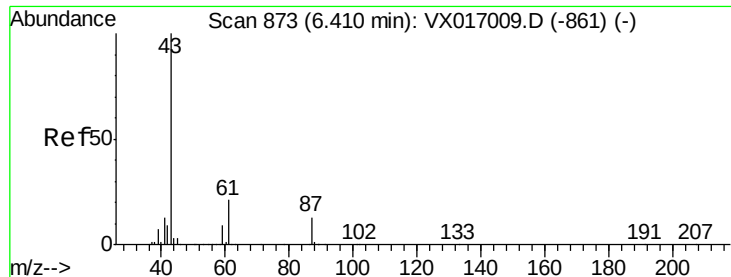


Abundance

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

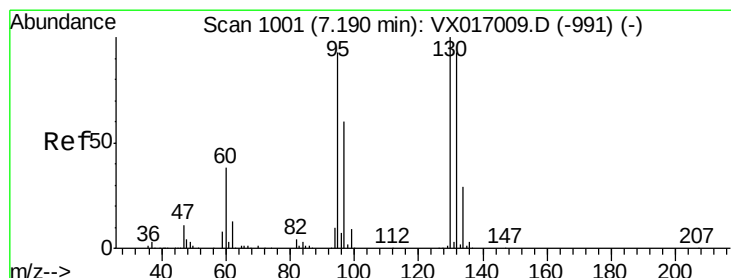
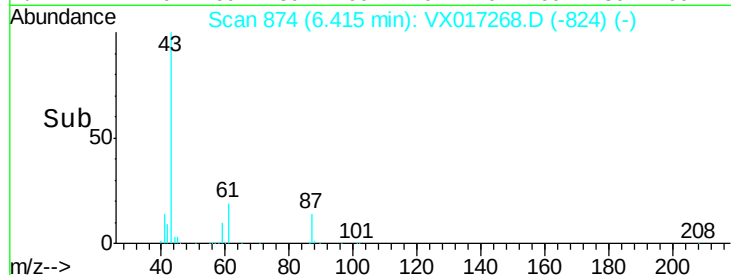
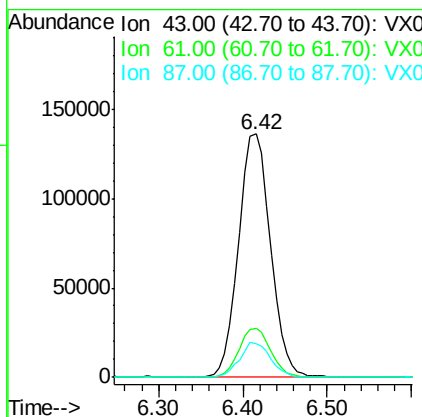
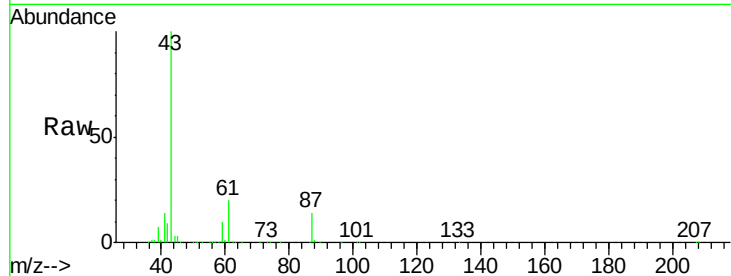
ClientSampleId :

MH-117N-20200630MS

Tot Ion:	43	Resp:	347936
Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.2	24.2
87	13.9	10.7	16.1

Manual Integrations
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#44

Trichloroethene

Concen: 53.898 ug/l

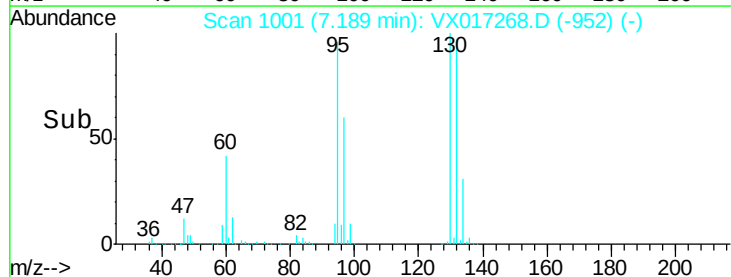
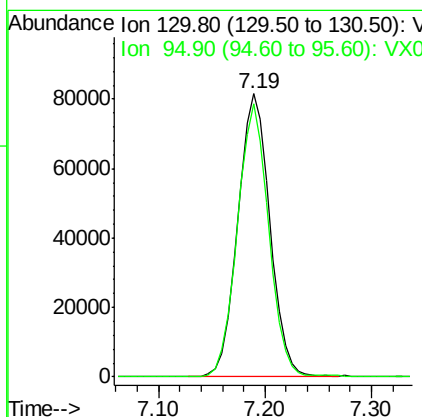
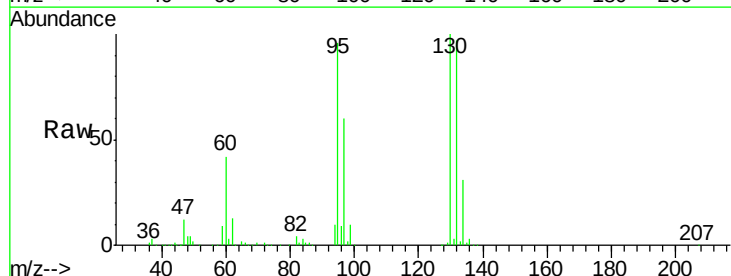
RT: 7.19 min Scan# 1001

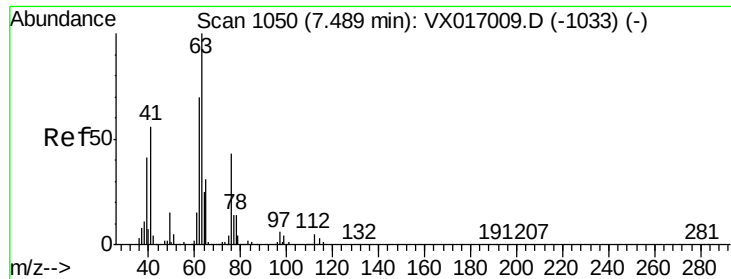
Delta R.T. 0.00 min

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





#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

Tot Ion: 63 Resp: 153345

Ion Ratio Lower Upper

63 100

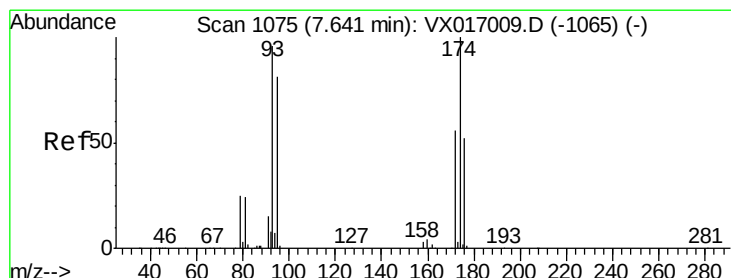
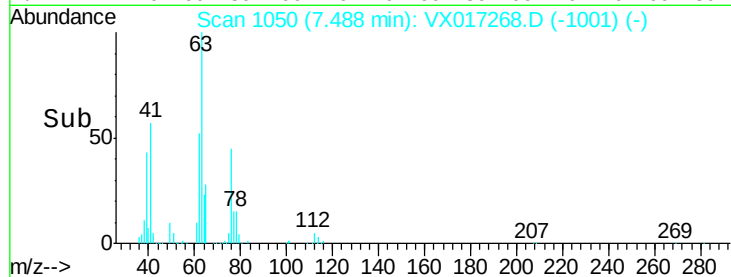
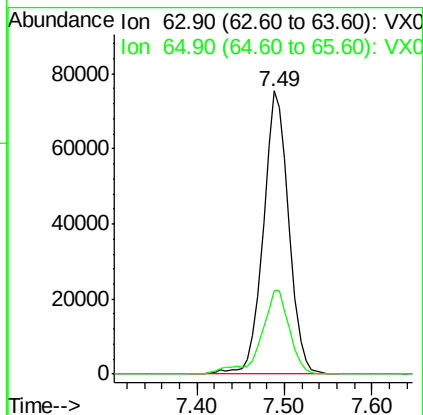
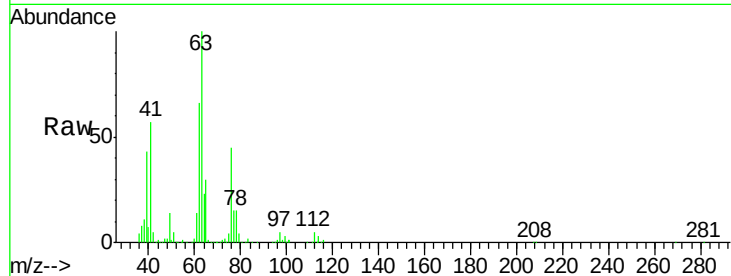
65 29.8 24.6 36.8

Manual Integrations

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MMDadoda

7/9/2020 10:59:51 AM



#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

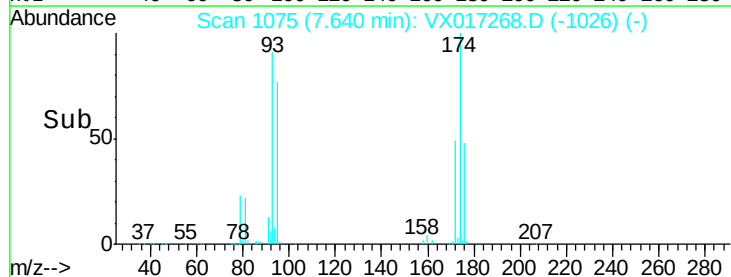
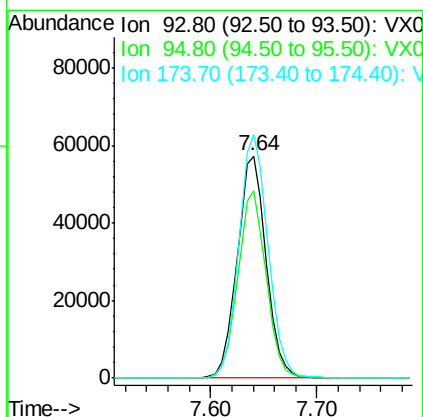
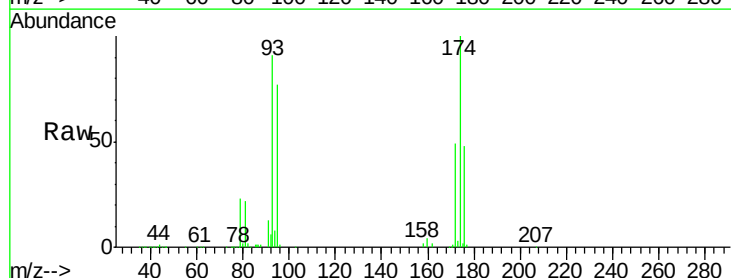
Tgt Ion: 93 Resp: 109218

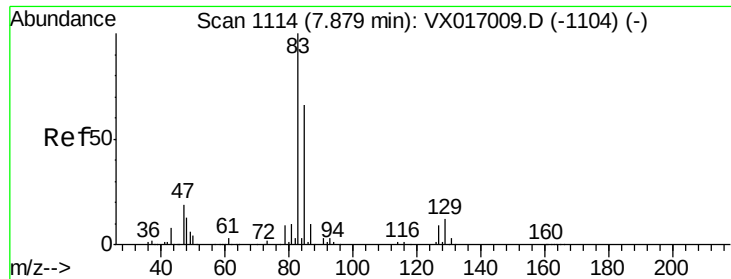
Ion Ratio Lower Upper

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

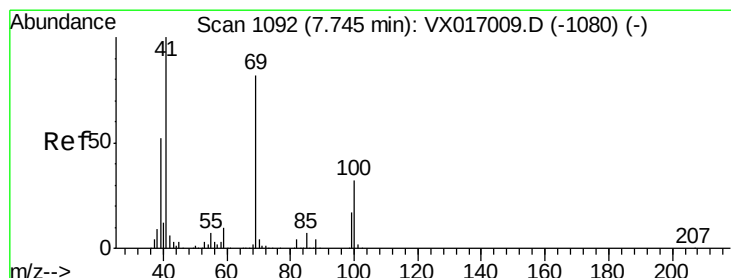
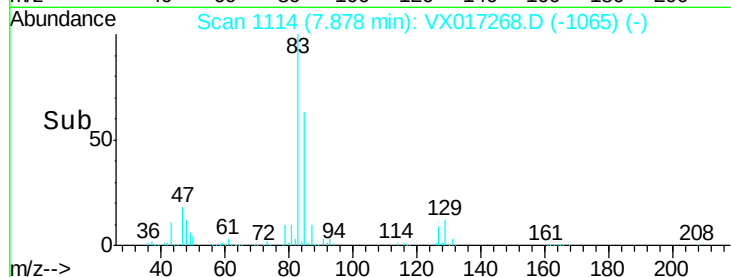
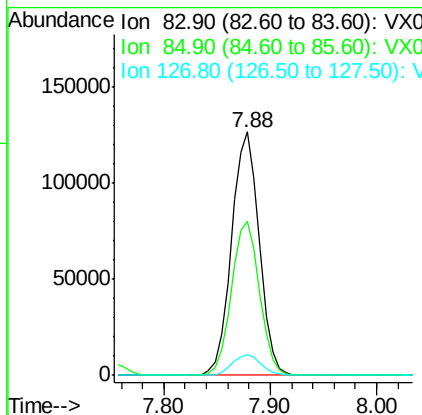
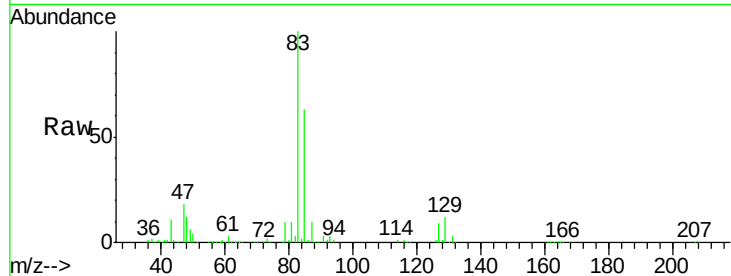
ClientSampleId :

MH-117N-20200630MS

Tot Ion:	83	Resp:	230558
Ion Ratio	Lower	Upper	
83	100		
85	63.4	53.0	79.4
127	8.8	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.899 ug/l

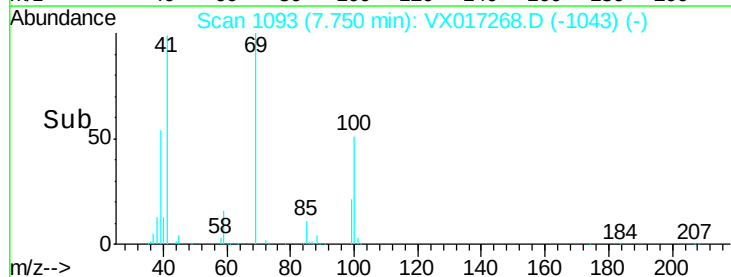
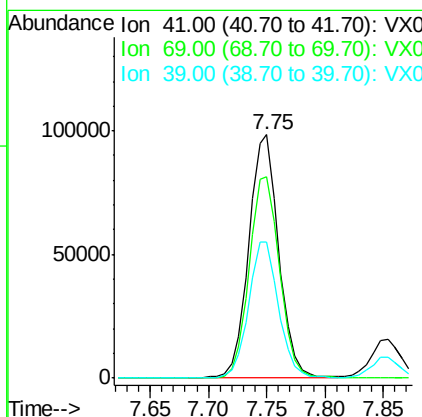
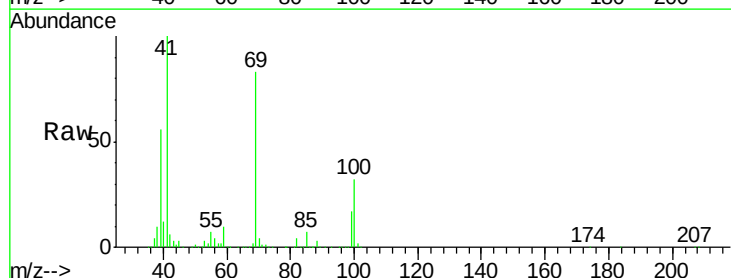
RT: 7.75 min Scan# 1093

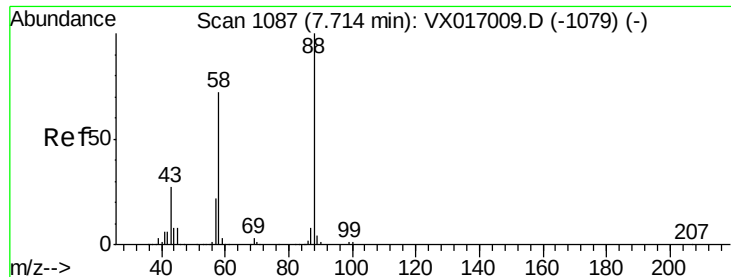
Delta R.T. 0.01 min

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





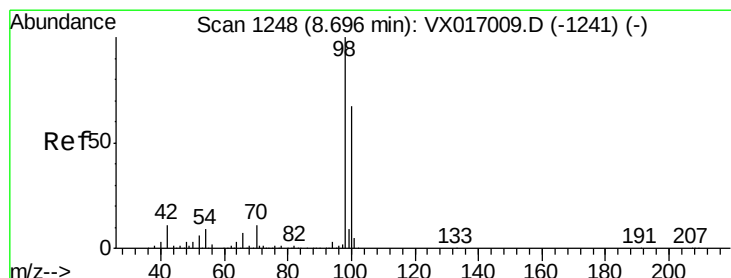
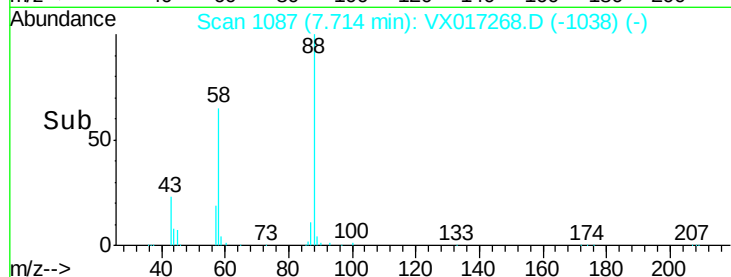
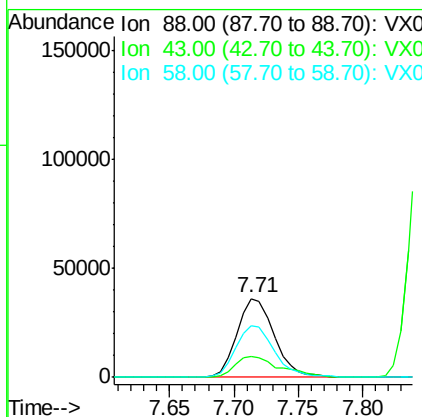
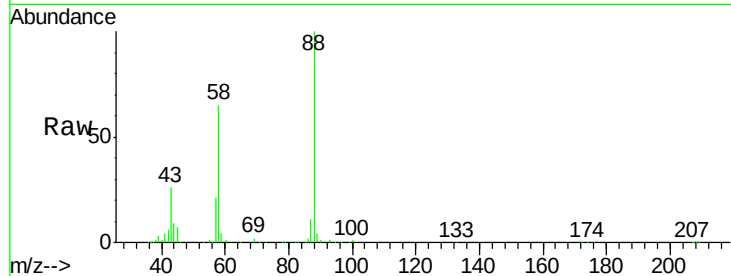
#49
1,4-Dioxane
Concen: 1008.627 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

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

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.9	25.8	38.8
58	68.4	54.8	82.2

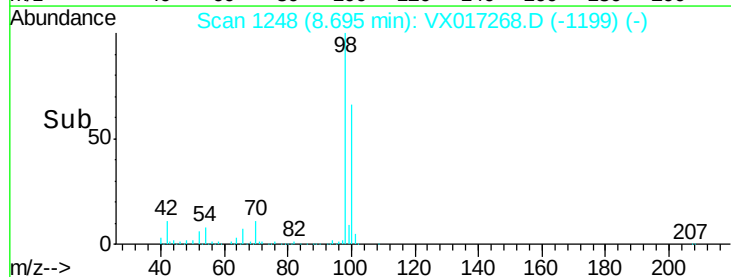
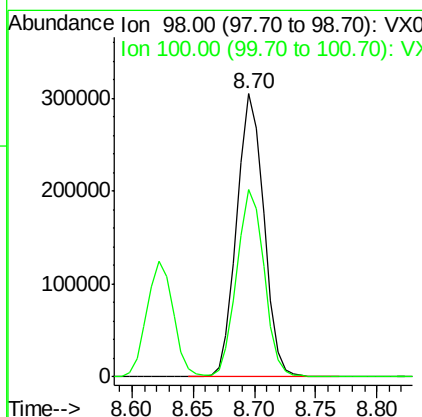
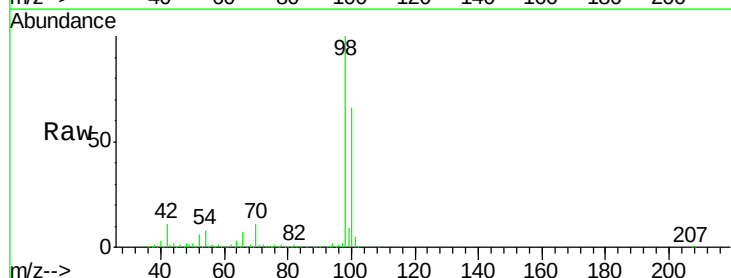
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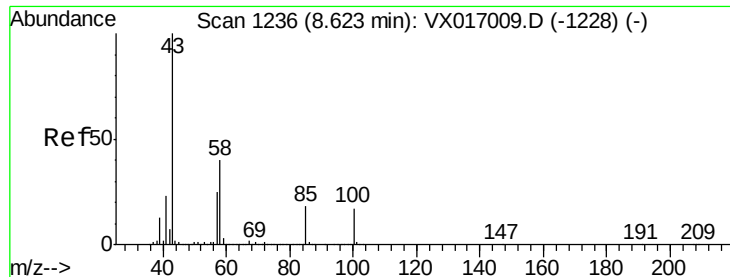
MMDadoda
7/9/2020 10:59:51 AM



#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	Ratio	Lower	Upper
98	100		
100	67.2	53.8	80.6





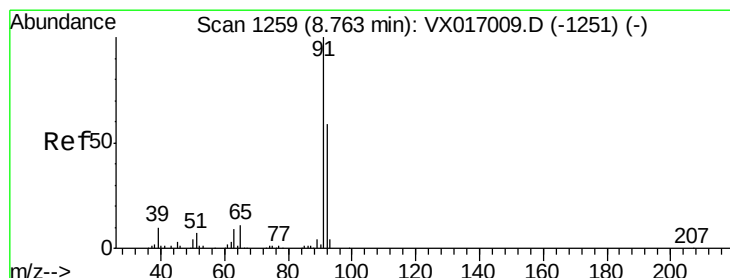
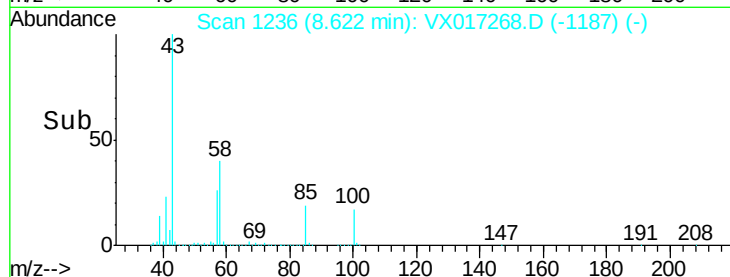
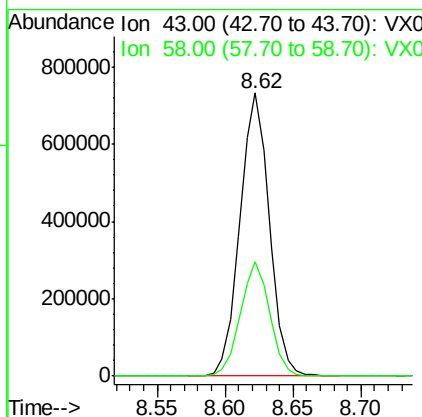
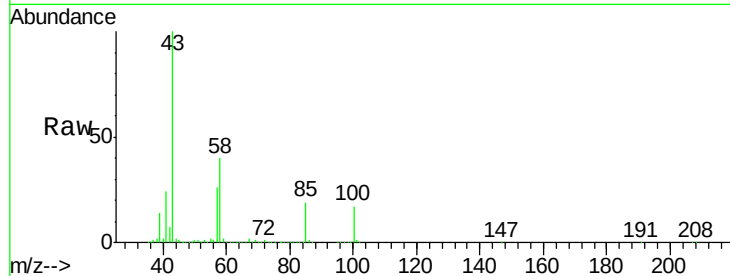
#51
 4-Methyl-2-Pentanone
 Concen: 277.714 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

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

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

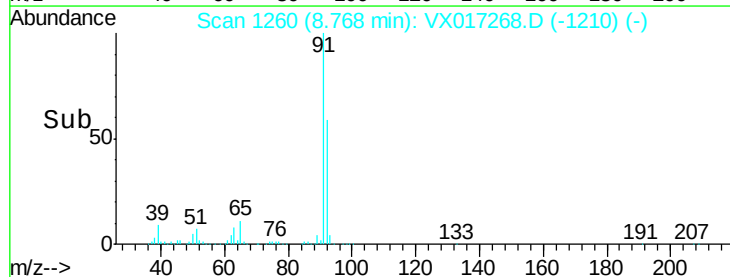
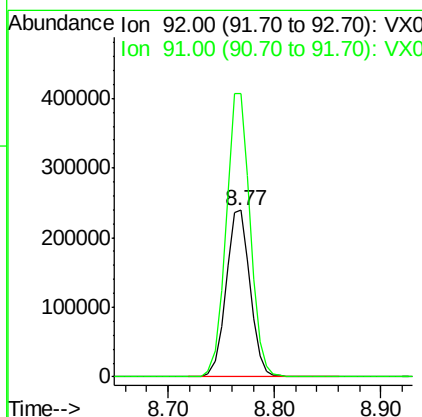
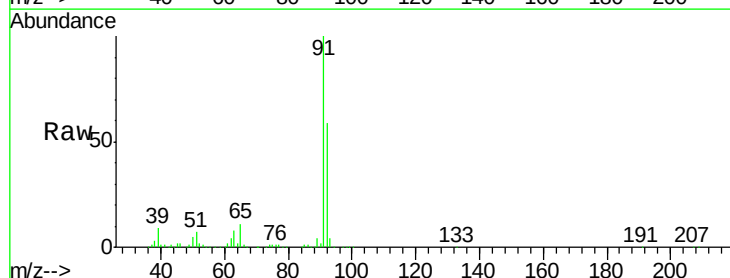
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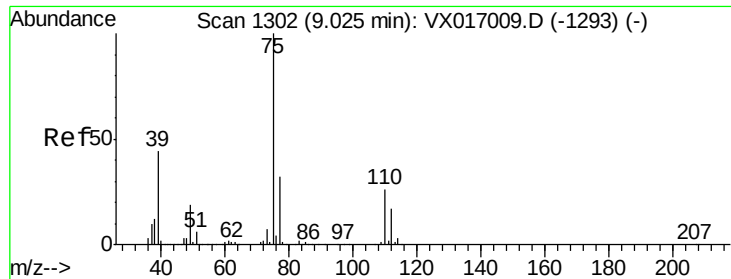
MMDadoda
 7/9/2020 10:59:51 AM



#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

Tot Ion: 75 Resp: 248841

Ion Ratio Lower Upper

75 100

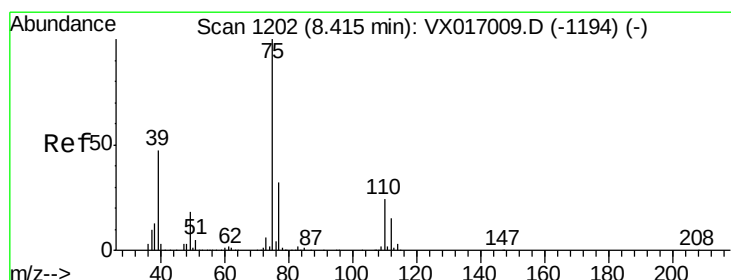
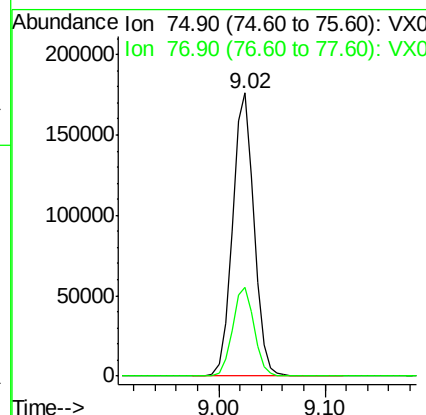
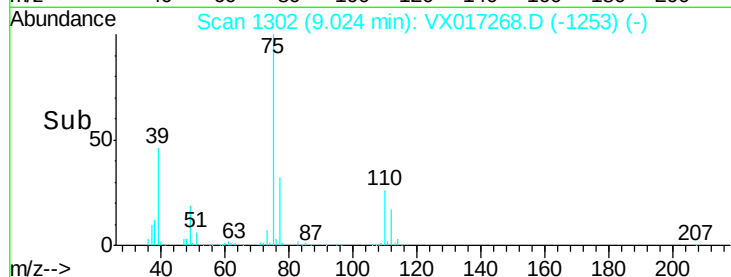
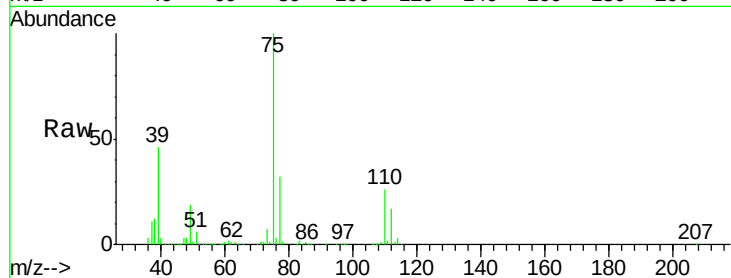
77 31.5 25.6 38.4

Manual Integrations

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MMDadoda

7/9/2020 10:59:51 AM



#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

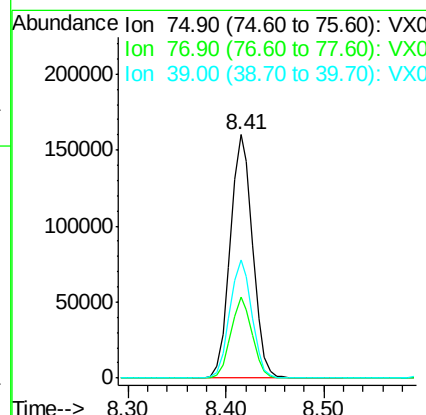
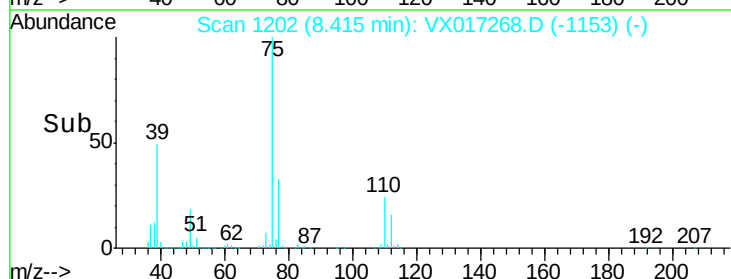
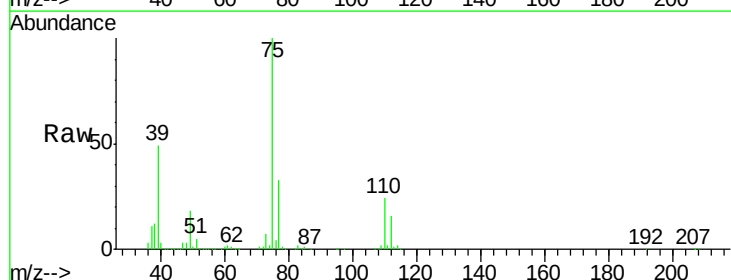
Tgt Ion: 75 Resp: 253770

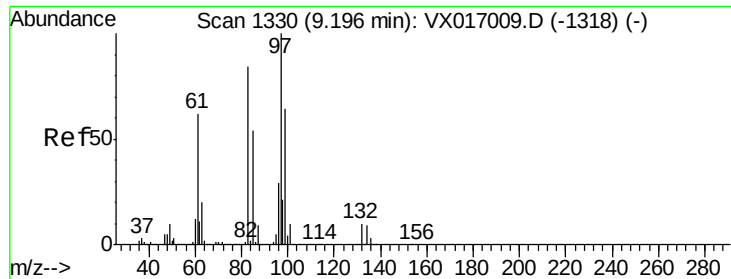
Ion Ratio Lower Upper

75 100

77 33.5 25.2 37.8

39 48.7 37.4 56.2





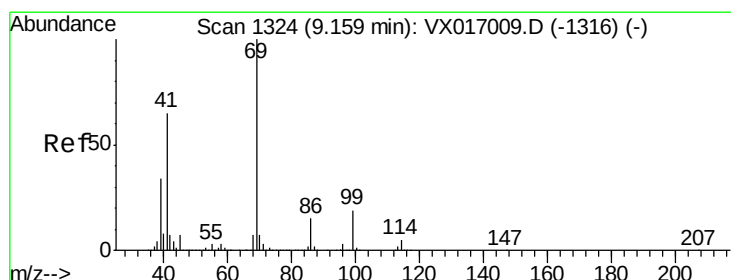
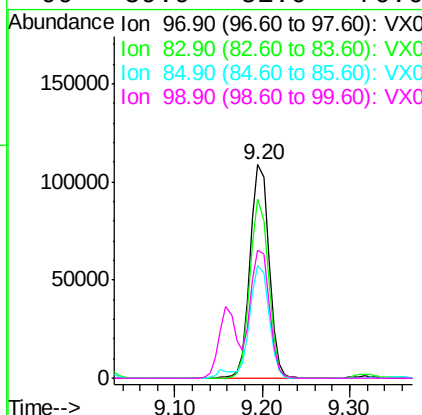
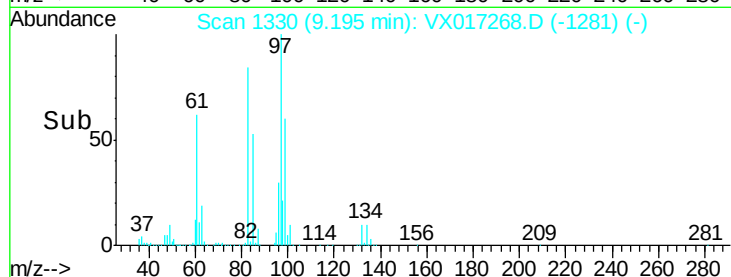
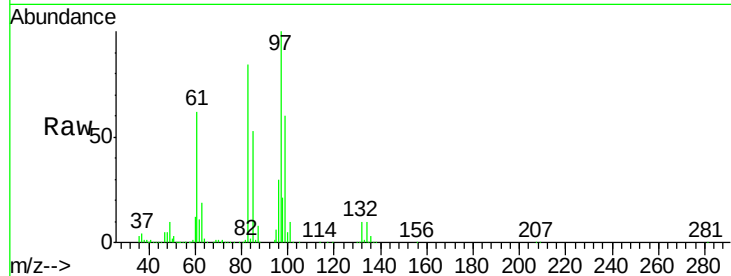
#55
 1,1,2-Trichloroethane
 Concen: 54.717 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

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

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

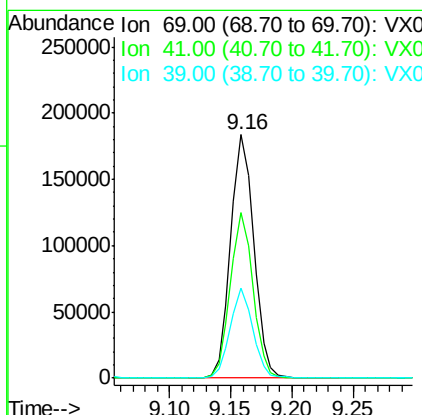
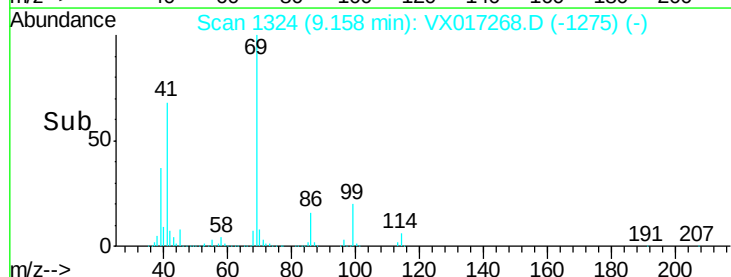
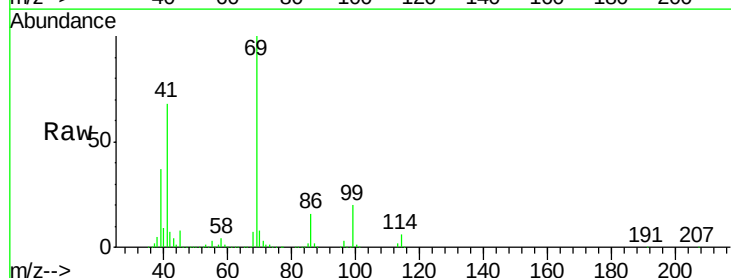
Manual Integrations
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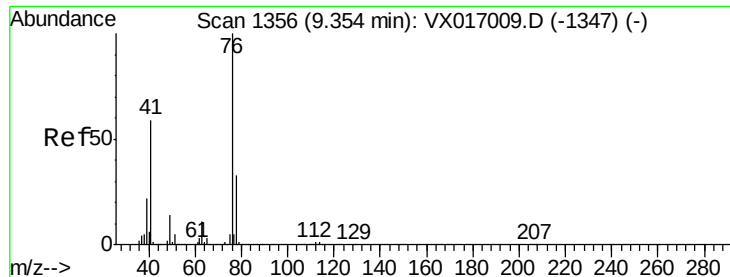
MMDadoda
 7/9/2020 10:59:51 AM



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





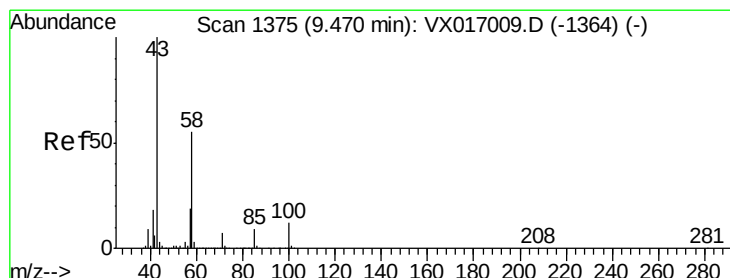
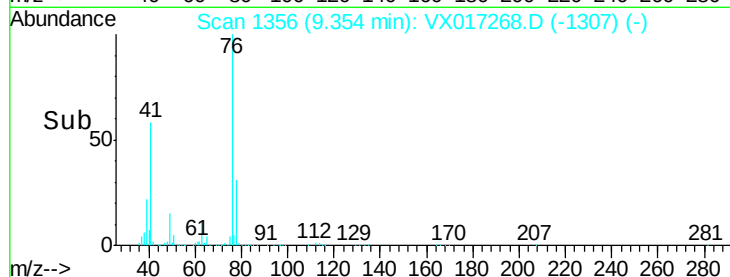
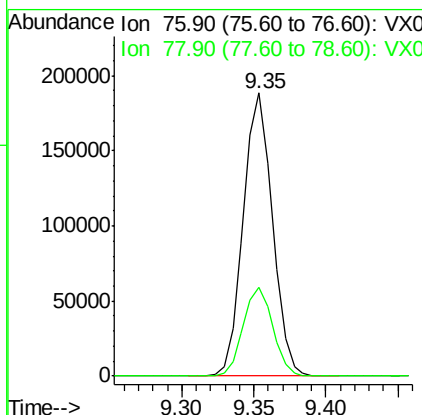
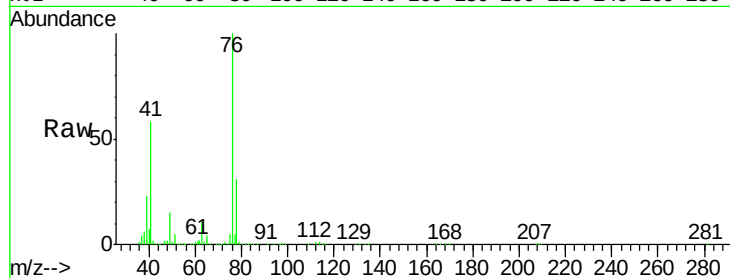
#57
 1,3-Dichloropropane
 Concen: 52.693 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

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

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.9	38.9

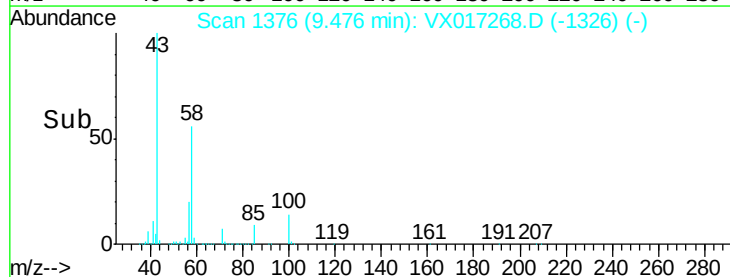
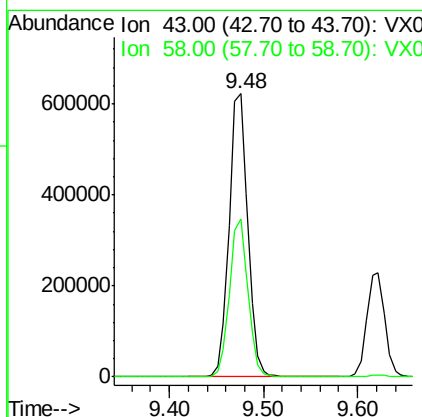
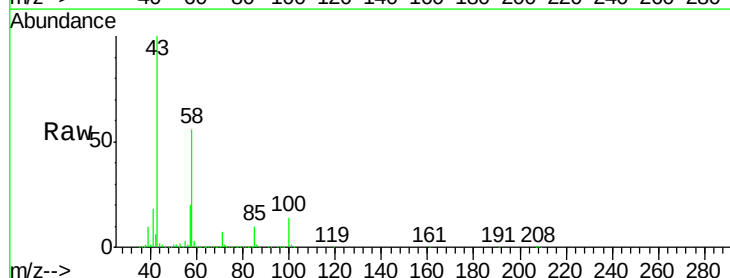
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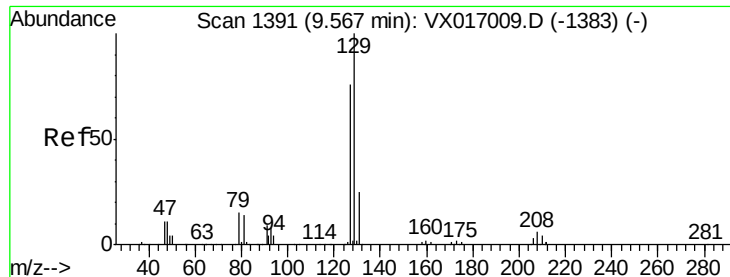
MMDadoda
 7/9/2020 10:59:51 AM



#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

Tgt 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

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MS

Tot Ion:129 Resp: 196074

Ion Ratio Lower Upper

129 100

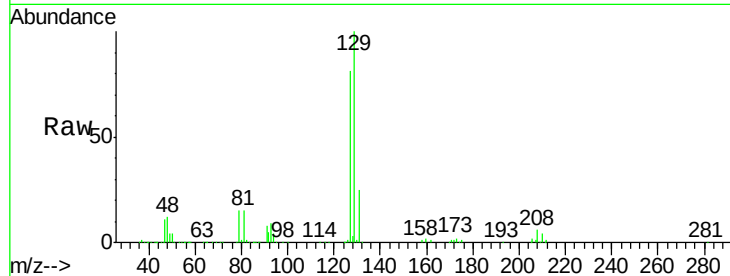
127 77.3 38.9 116.7

Manual Integrations

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7/9/2020 10:59:51 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

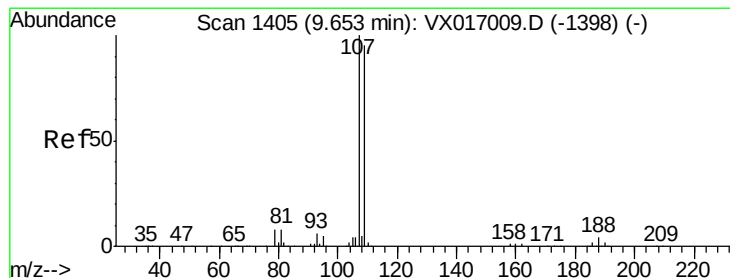
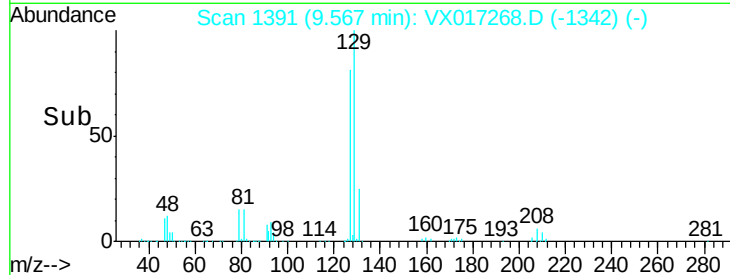
150000

100000

50000

0

Time-->



#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

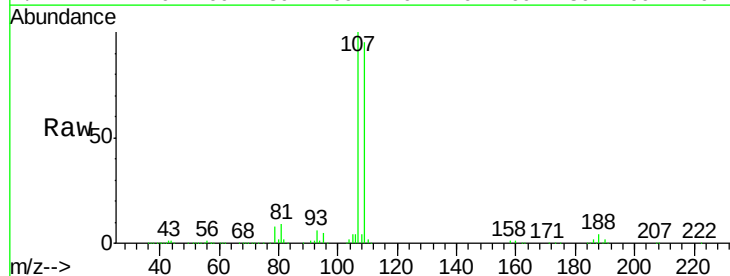
Acq: 08 Jul 2020 20:00

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

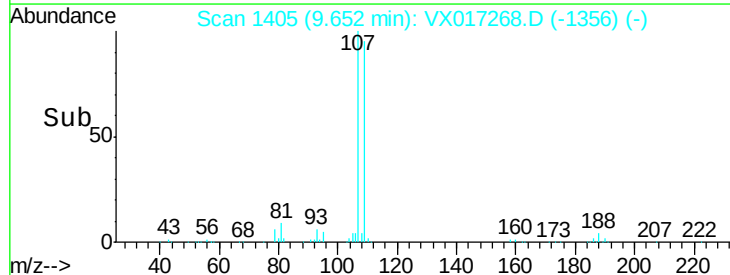
9.65

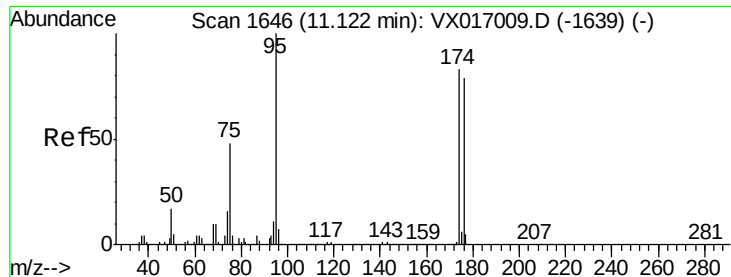
100000

50000

0

Time-->





#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

Instrument :

MSVOA_X

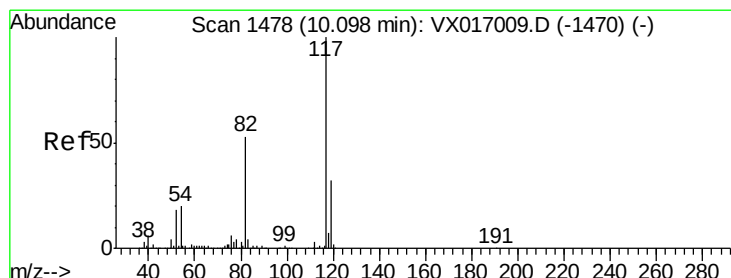
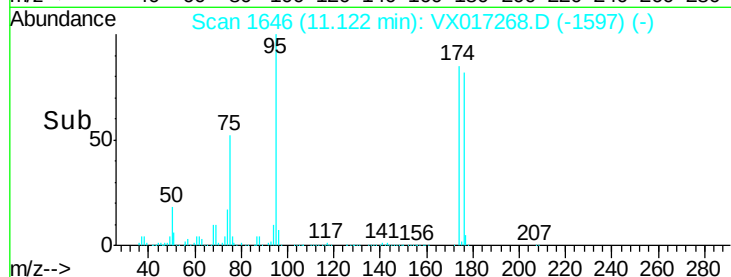
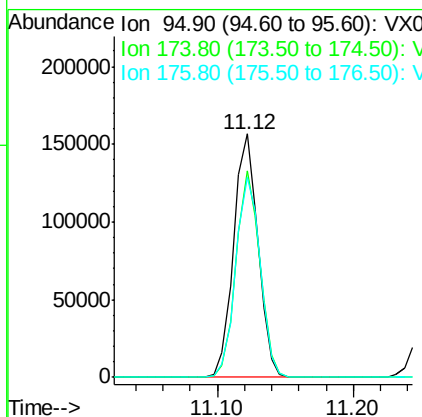
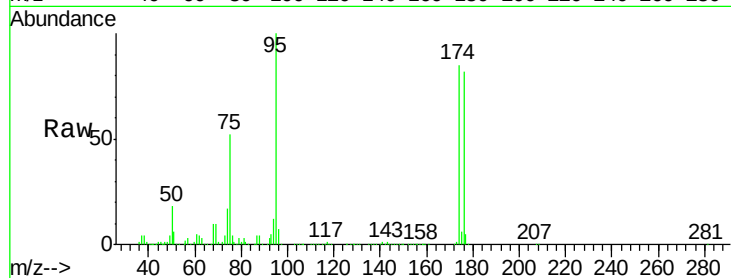
ClientSampleId :

MH-117N-20200630MS

Tot Ion:	95	Resp:	195011
Ion Ratio	Lower	Upper	
95	100		
174	83.0	0.0	164.0
176	82.7	0.0	157.6

Manual Integrations
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MMDadoda
7/9/2020 10:59:51 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

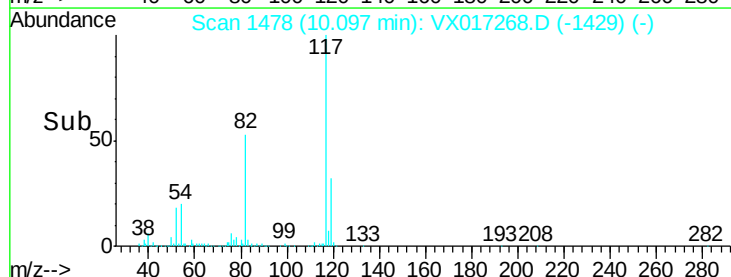
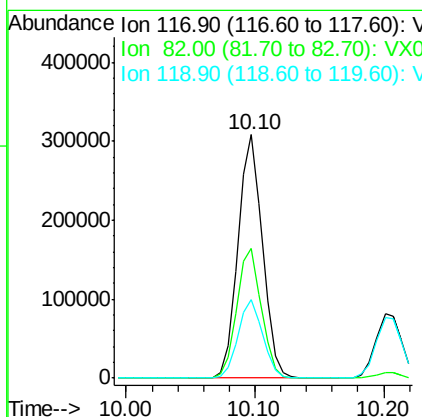
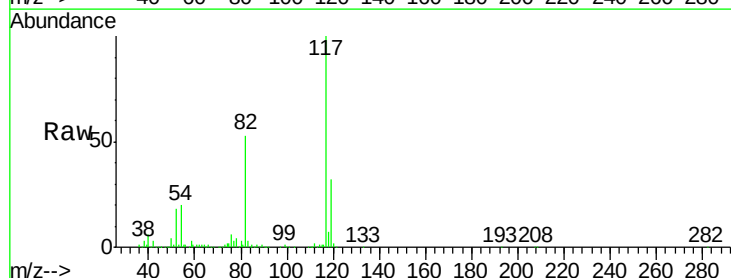
RT: 10.10 min Scan# 1478

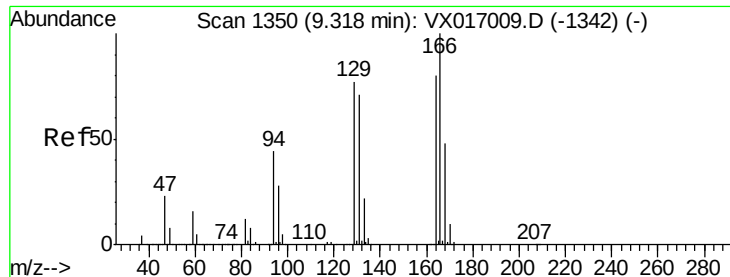
Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

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

Instrument :

MSVOA_X

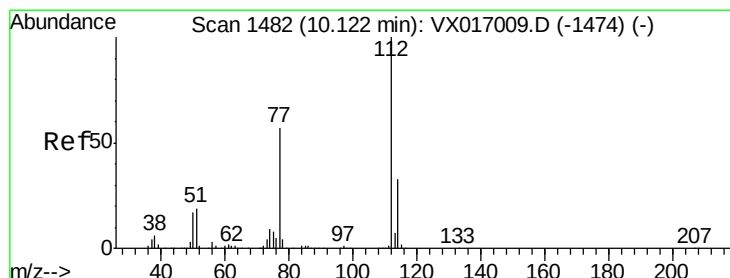
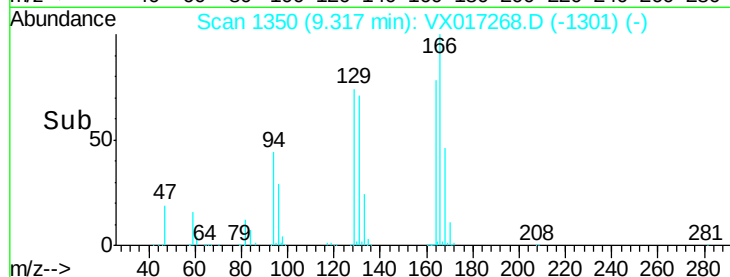
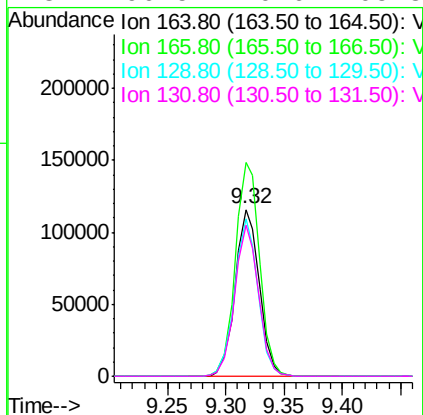
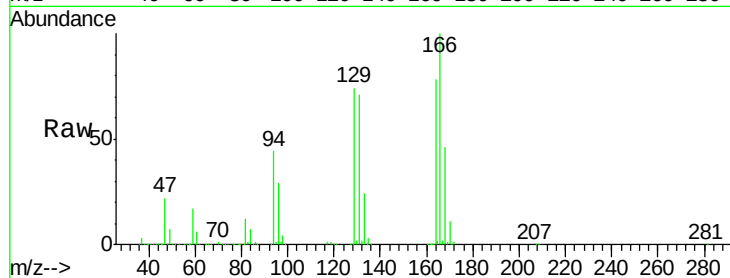
ClientSampleId :

MH-117N-20200630MS

Tot 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

Manual Integrations
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MMDadoda
7/9/2020 10:59:51 AM



#65

Chlorobenzene

Concen: 51.283 ug/l

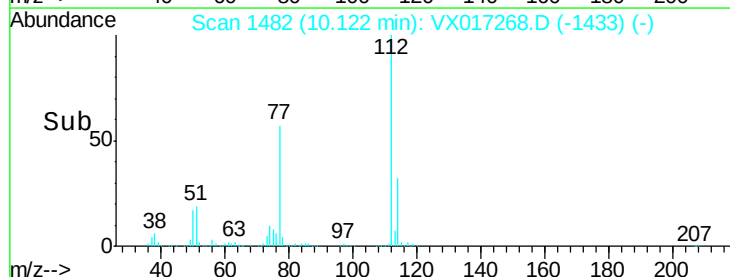
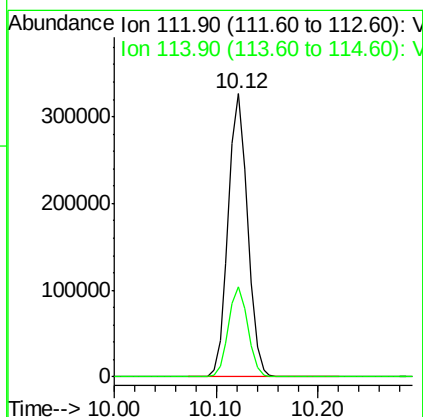
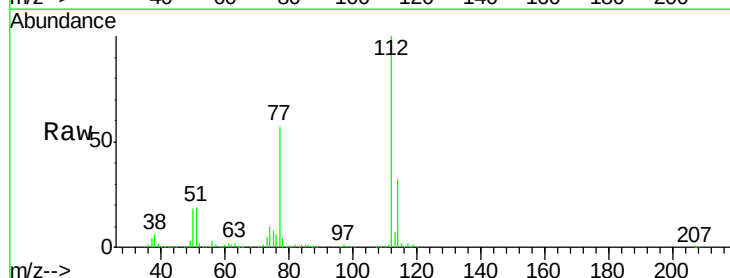
RT: 10.12 min Scan# 1482

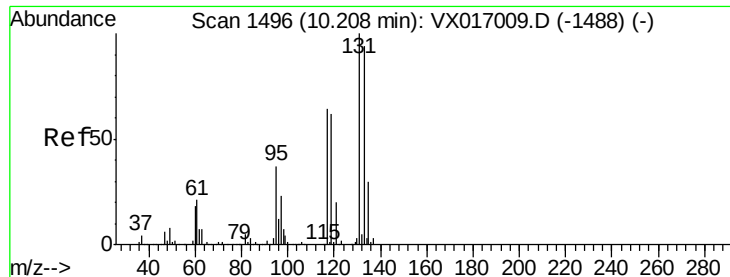
Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

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

Instrument :

MSVOA_X

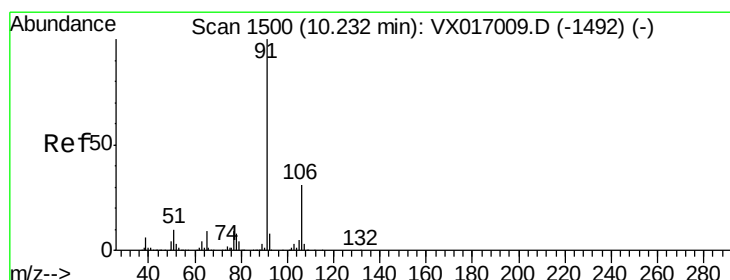
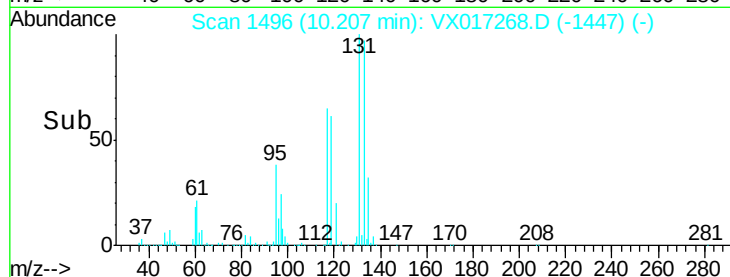
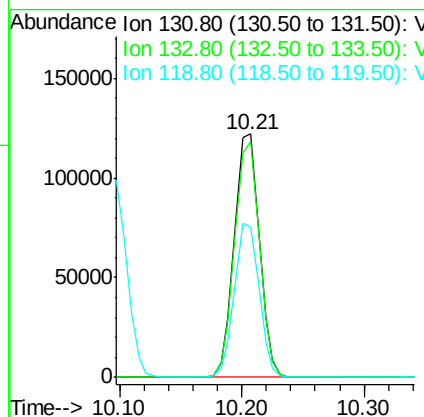
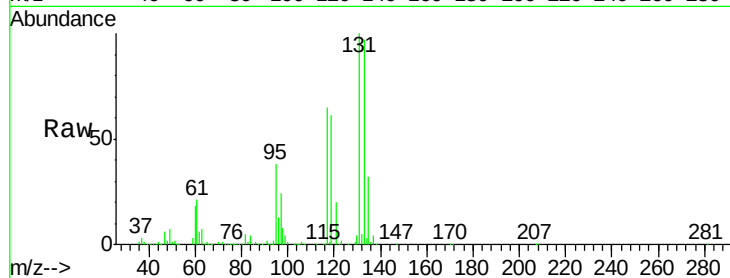
ClientSampleId :

MH-117N-20200630MS

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

Manual Integrations
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MMDadoda
7/9/2020 10:59:51 AM



#67

Ethyl Benzene

Concen: 52.686 ug/l

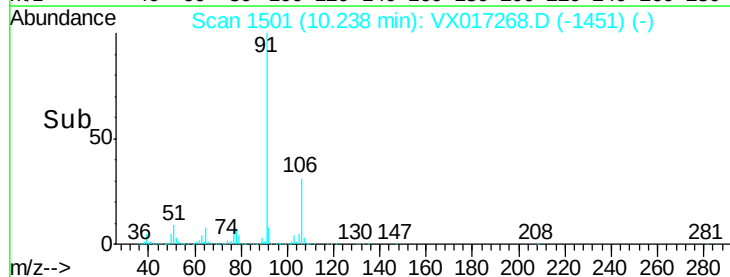
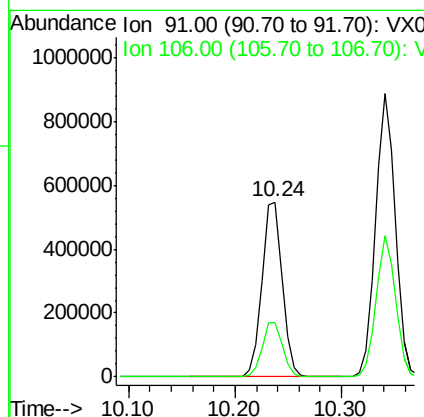
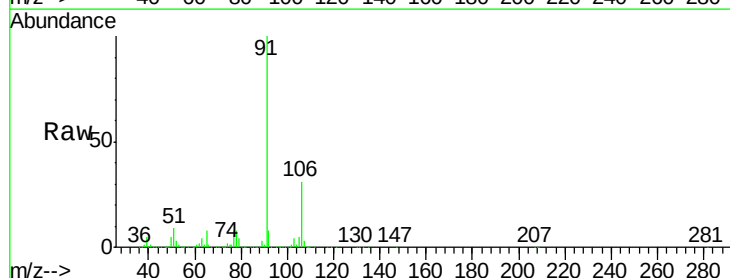
RT: 10.24 min Scan# 1501

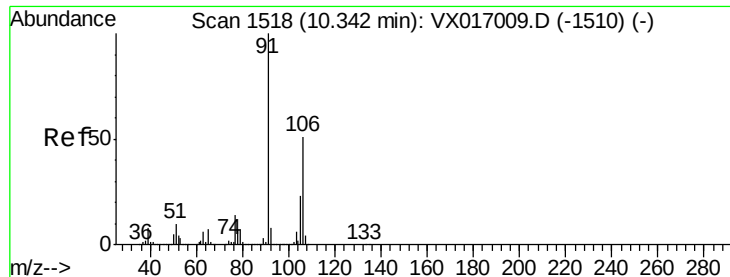
Delta R.T. 0.01 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

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





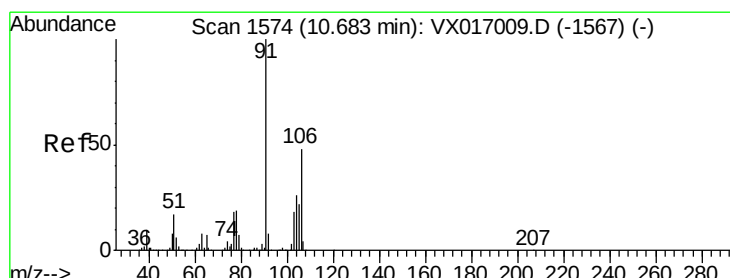
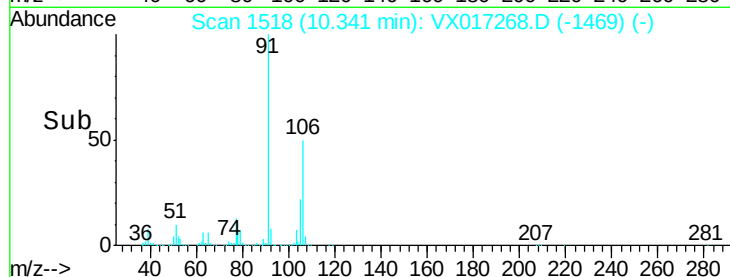
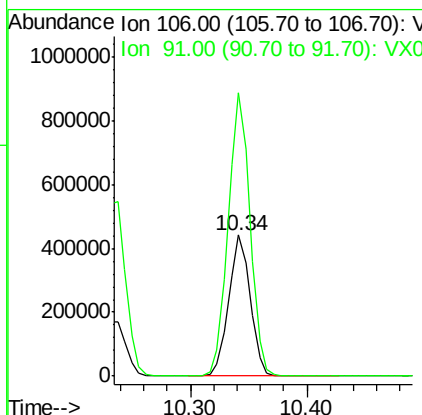
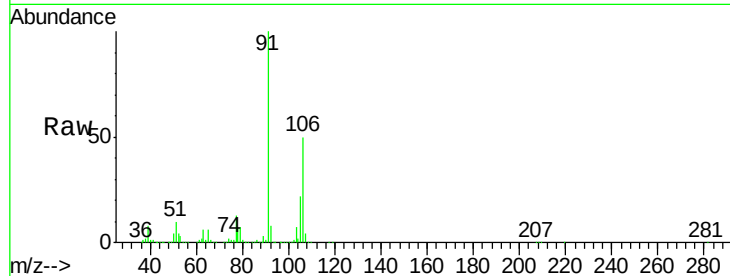
#68
m/p-Xylenes
Concen: 106.039 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

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

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

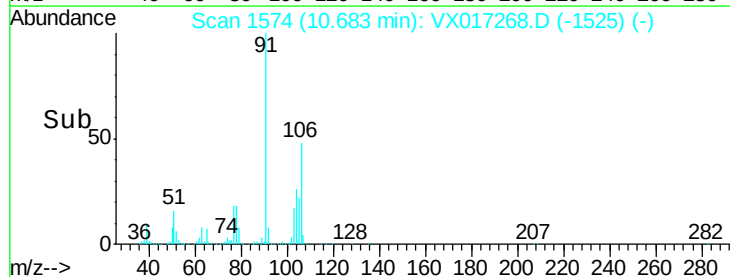
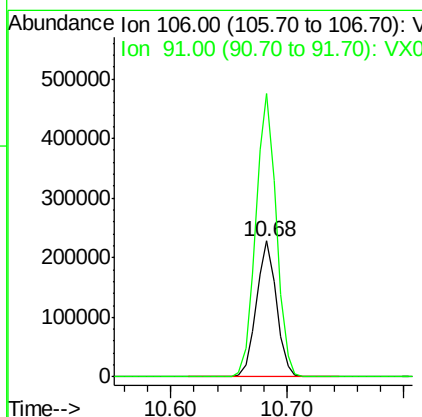
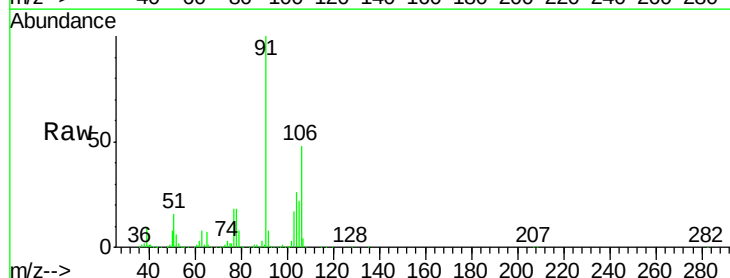
Manual Integrations
APPROVED

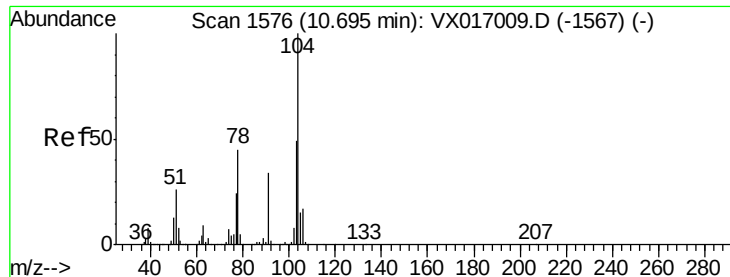
MMDadoda
7/9/2020 10:59:51 AM



#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

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





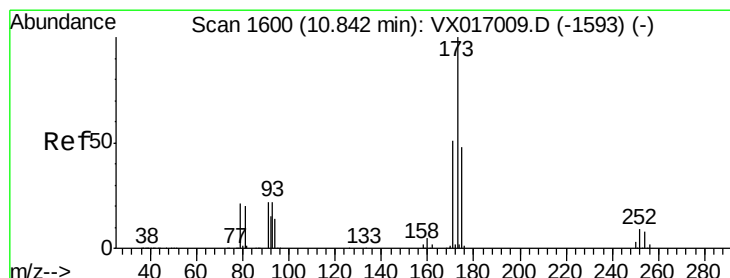
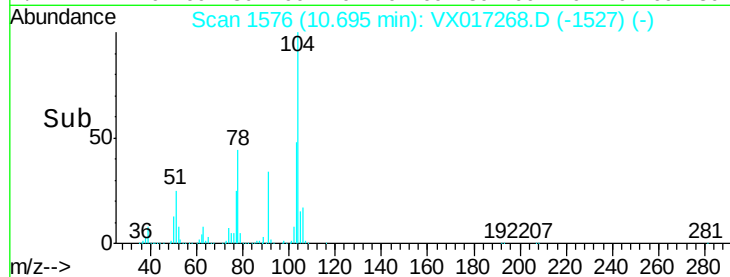
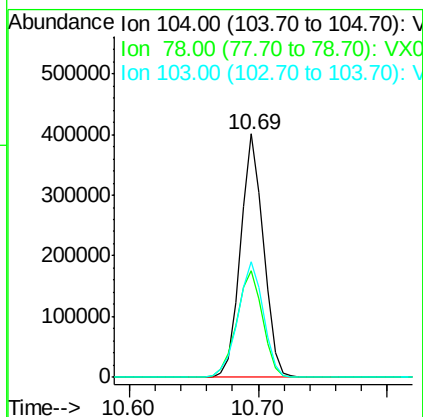
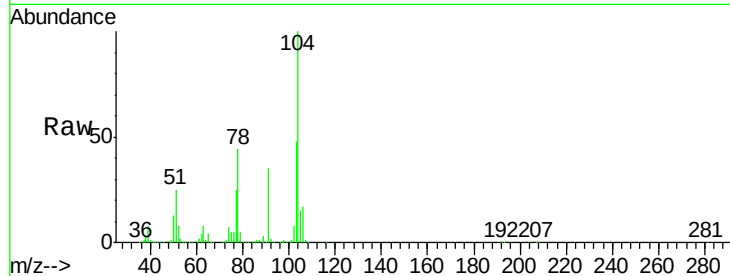
#70
Stvrene
Concen: 56.599 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

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

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.7	39.5	59.3
103	53.2	43.0	64.6

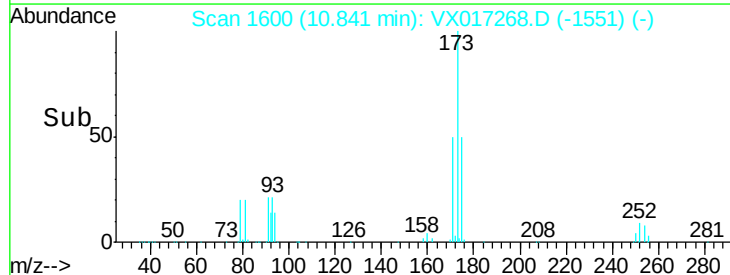
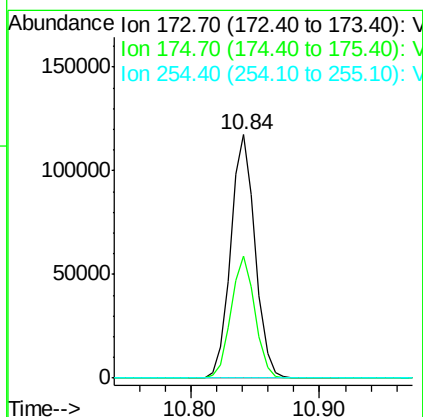
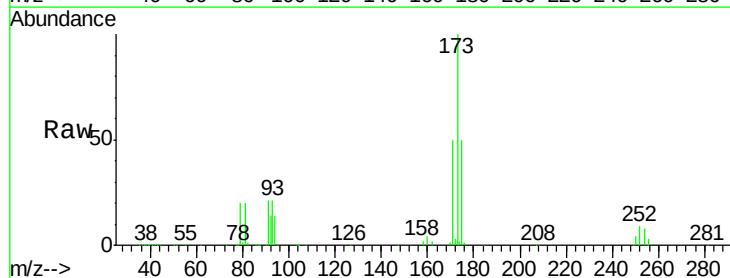
Manual Integrations
APPROVED

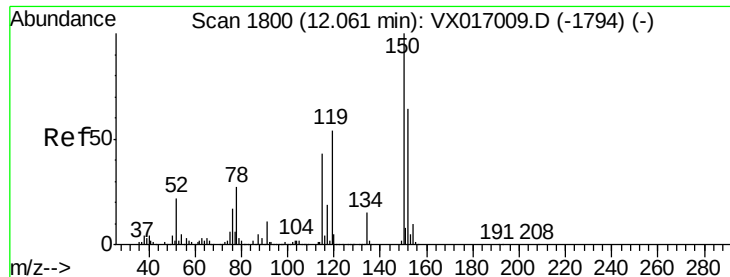
MMDadoda
7/9/2020 10:59:51 AM



#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

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





#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

Instrument :

MSVOA_X

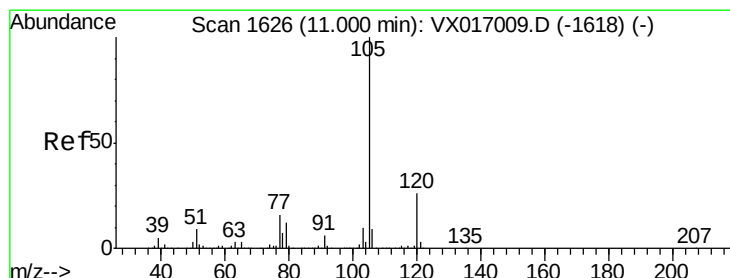
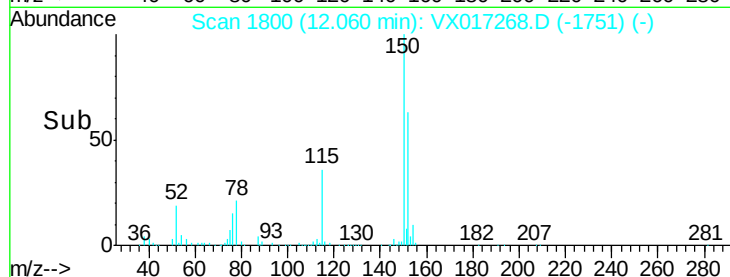
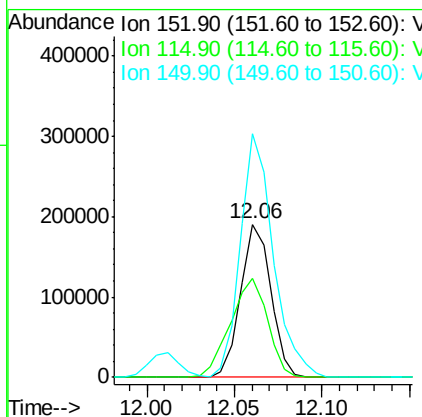
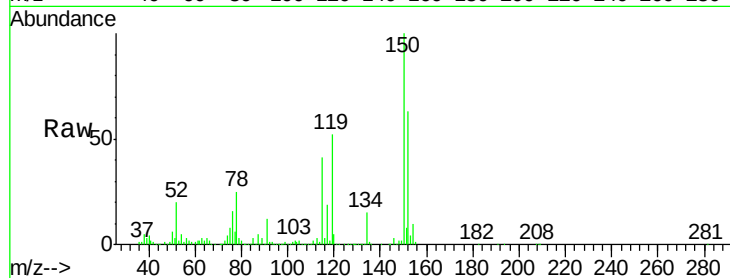
ClientSampleId :

MH-117N-20200630MS

Tot Ion:	152	Resp:	229945
Ion Ratio	Lower	Upper	
152	100		
115	79.2	40.9	122.7
150	173.1	0.0	351.6

Manual Integrations
APPROVED

MMDadoda
7/9/2020 10:59:51 AM



#73

Isopropylbenzene

Concen: 49.652 ug/l

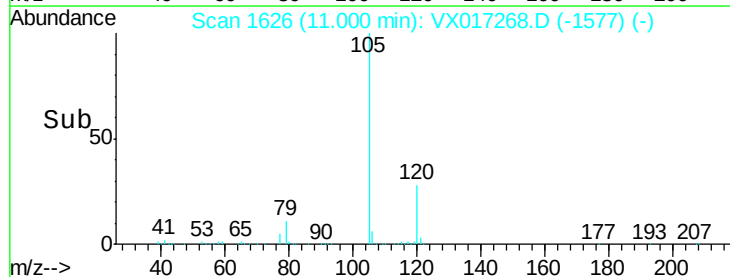
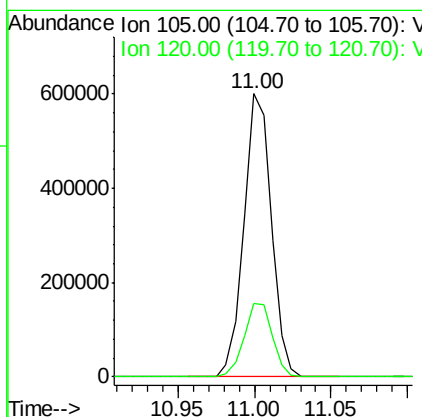
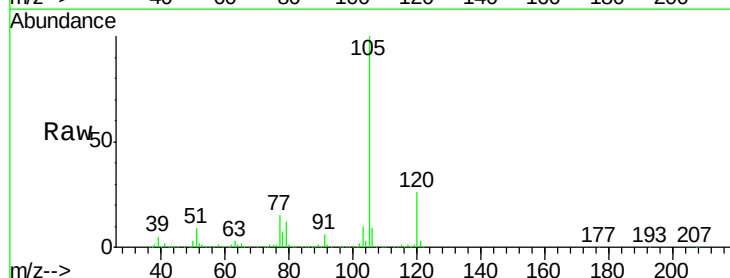
RT: 11.00 min Scan# 1626

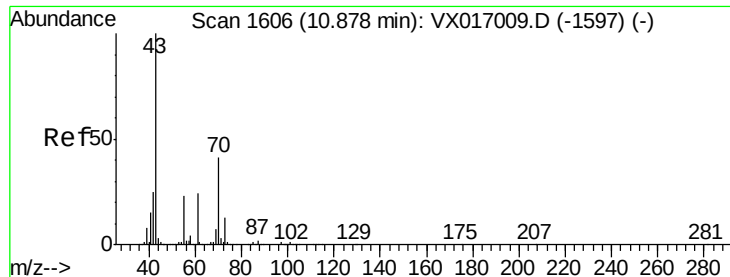
Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Tgt Ion:	105	Resp:	747847
Ion Ratio	Lower	Upper	
105	100		
120	26.8	13.4	40.2





#74

N-amvl 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

Instrument :

MSVOA_X

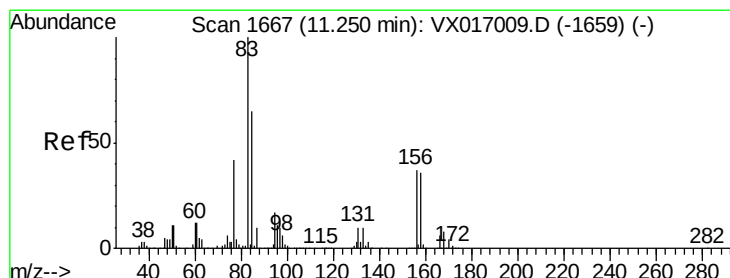
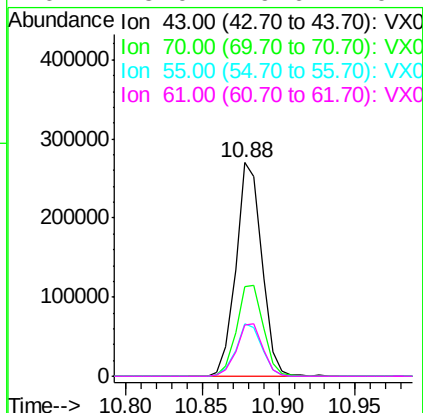
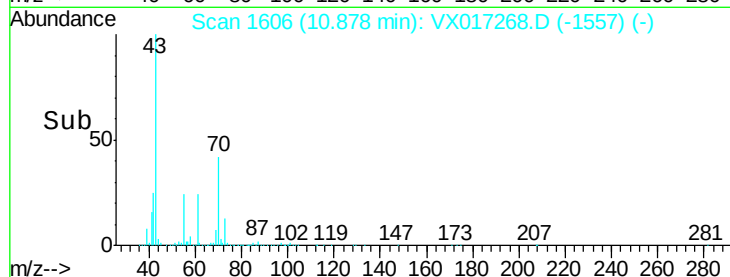
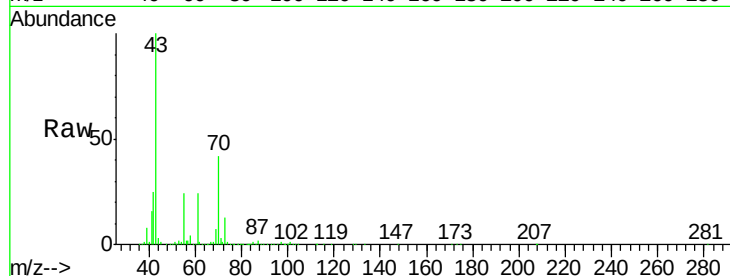
ClientSampleId :

MH-117N-20200630MS

Tot Ion	Ion	Ratio	Resp	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		

Manual Integrations
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MMDadoda
7/9/2020 10:59:51 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 50.073 ug/l

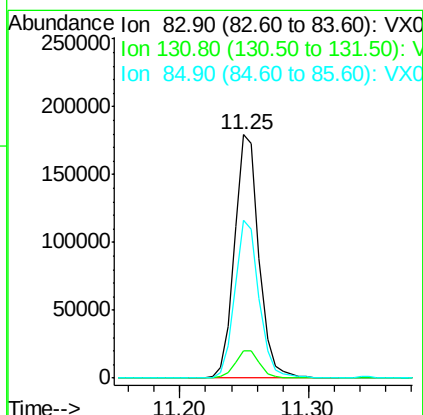
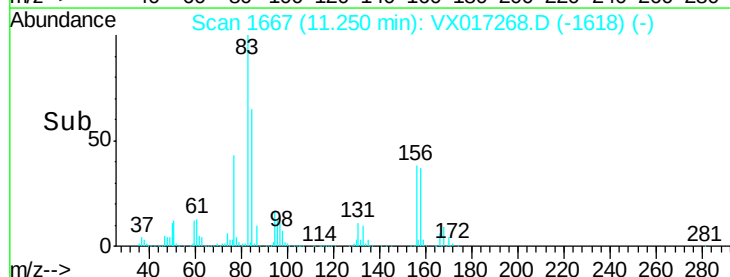
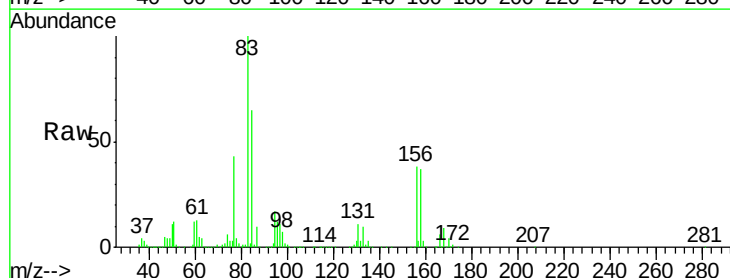
RT: 11.25 min Scan# 1667

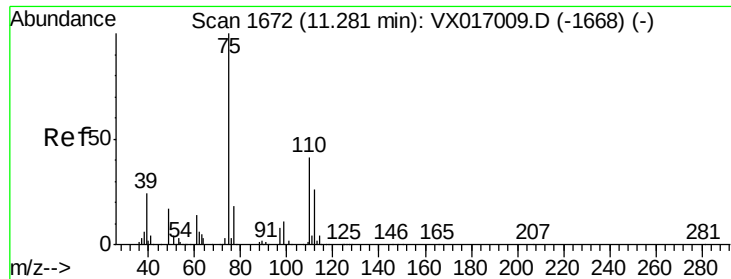
Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
131	11.4	5.4	16.2		
85	64.4	31.9	95.9		





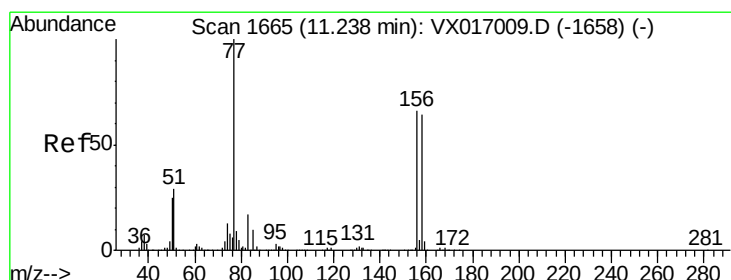
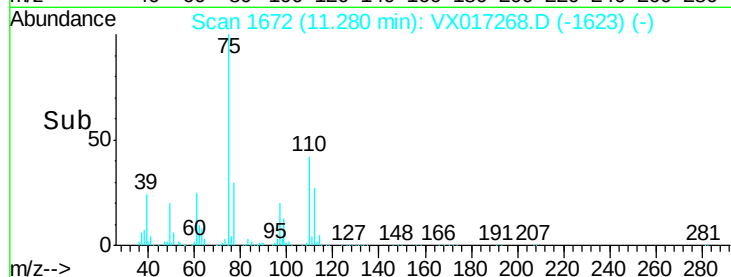
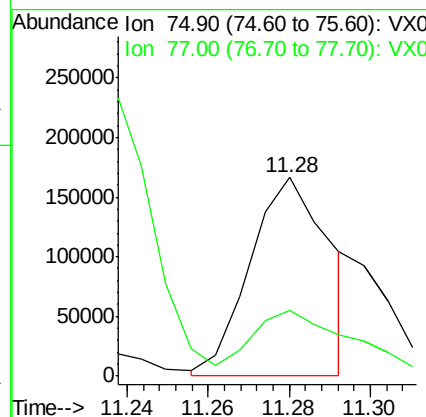
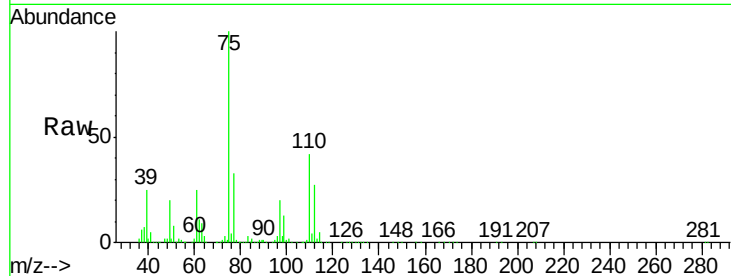
#76
1,2,3-Trichloropropane
Concen: 50.268 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

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

Tot Ion: 75 Resp: 227300
Ion Ratio Lower Upper
75 100
77 42.0 20.2 60.6

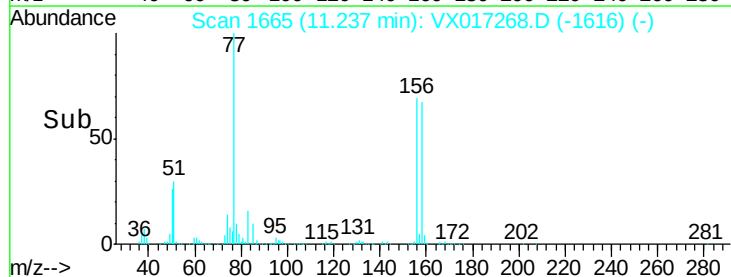
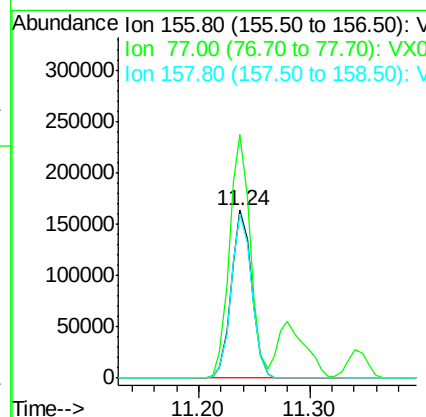
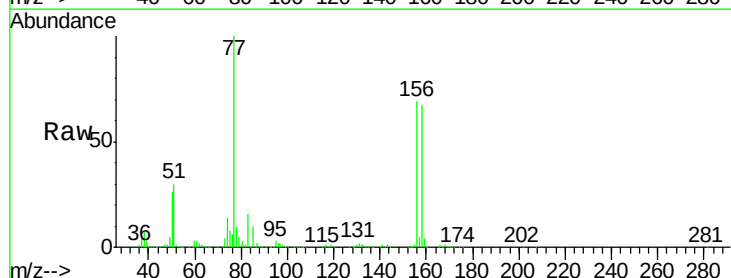
Manual Integrations
APPROVED

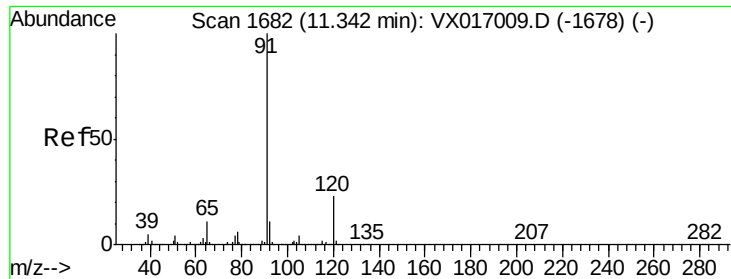
MMDadoda
7/9/2020 10:59:51 AM



#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

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





#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

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MS

Tot Ion: 91 Resp: 844800

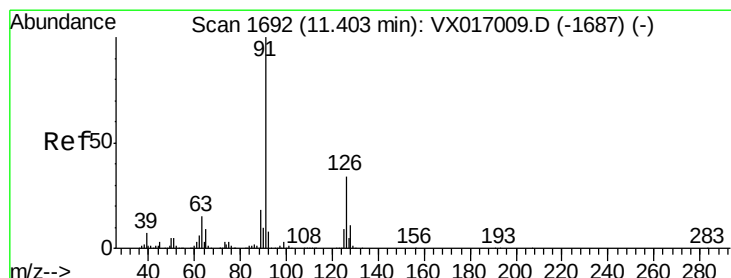
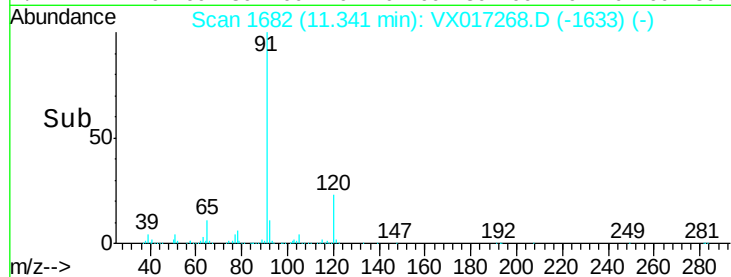
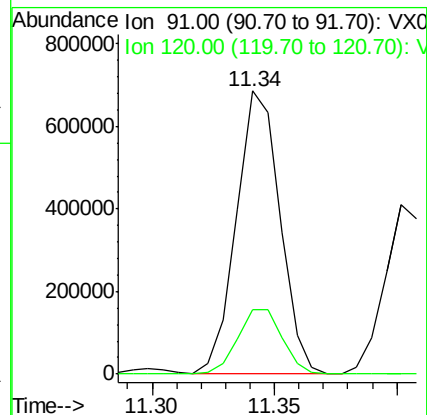
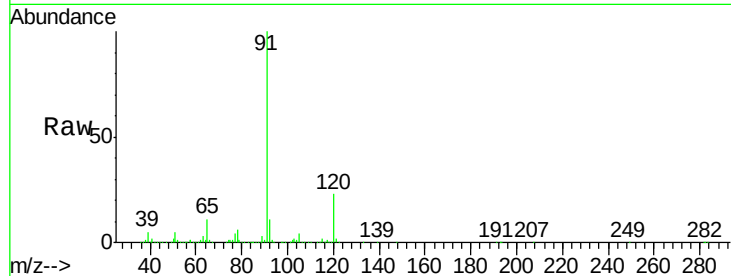
Ion Ratio Lower Upper

91 100

120 23.8 11.9 35.9

Manual Integrations
APPROVED

MMDadoda
7/9/2020 10:59:51 AM



#79

2-Chlorotoluene

Concen: 49.998 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017268.D

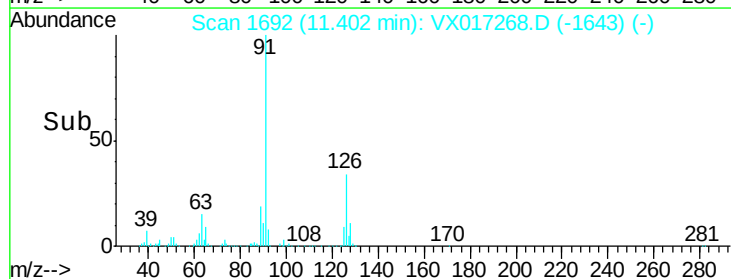
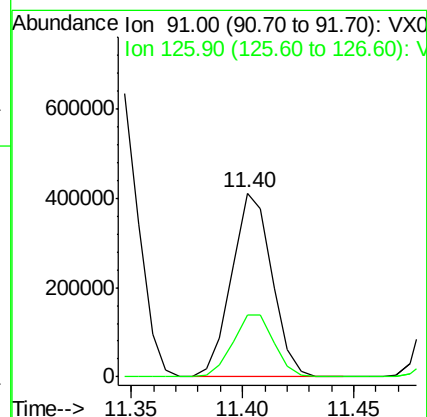
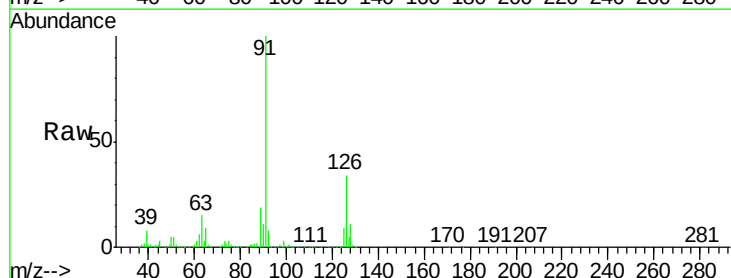
Acq: 08 Jul 2020 20:00

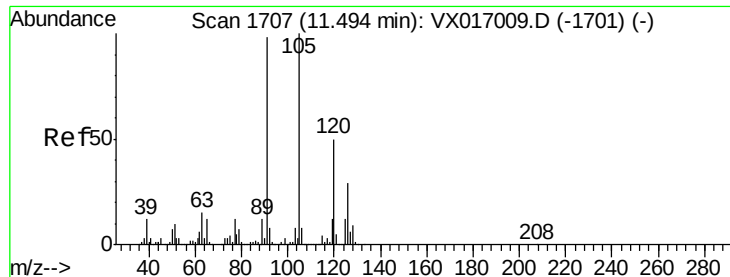
Tgt Ion: 91 Resp: 515381

Ion Ratio Lower Upper

91 100

126 35.1 17.4 52.3





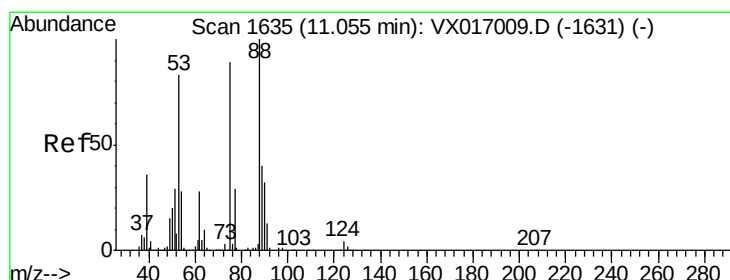
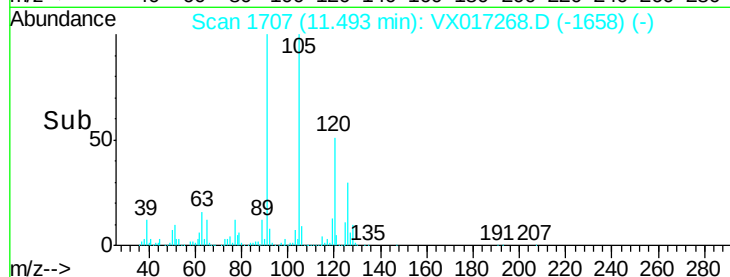
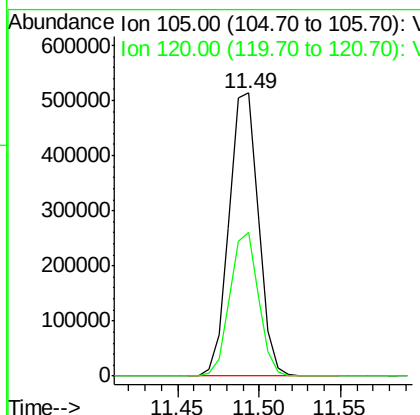
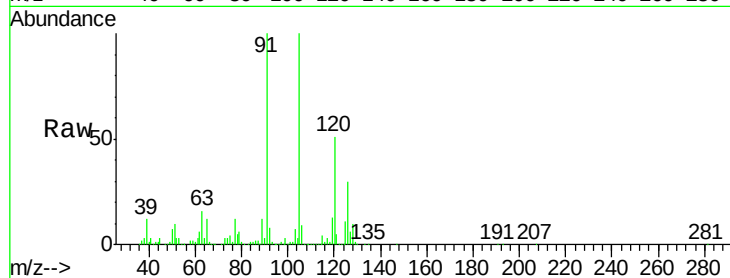
#80
 1,3,5-Trimethylbenzene
 Concen: 51.427 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

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

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.4	24.9	74.6

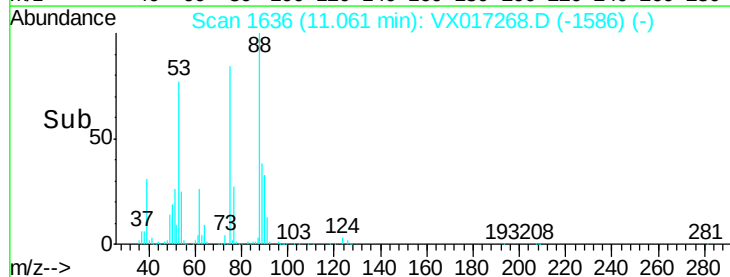
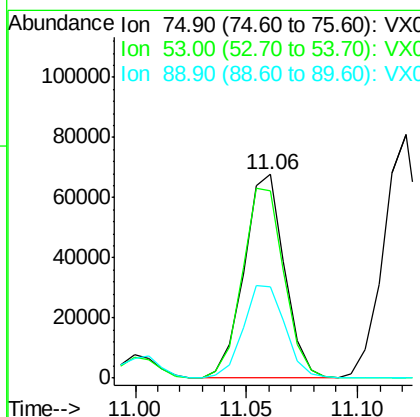
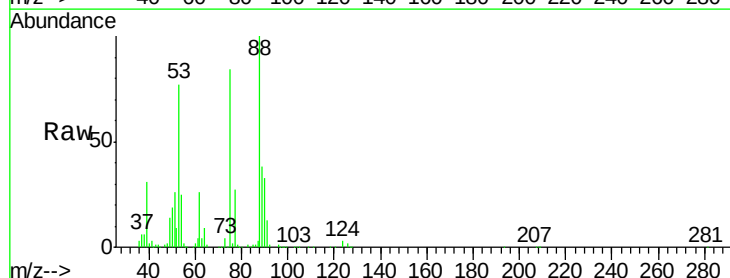
Manual Integrations
 APPROVED

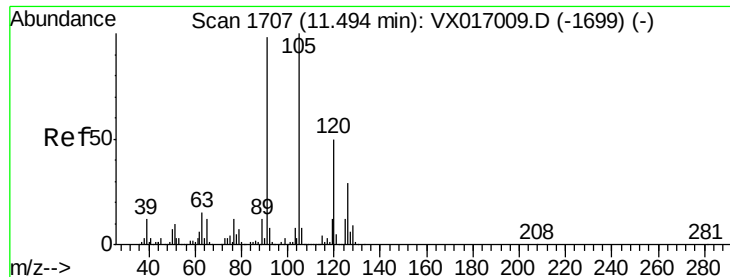
MMDadoda
 7/9/2020 10:59:51 AM



#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

Tgt 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

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MS

Tot Ion: 91 Resp: 615215

Ion Ratio Lower Upper

91 100

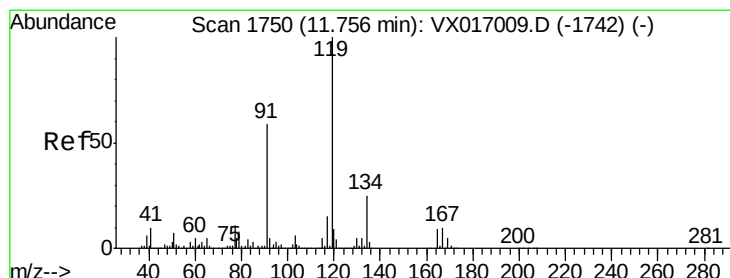
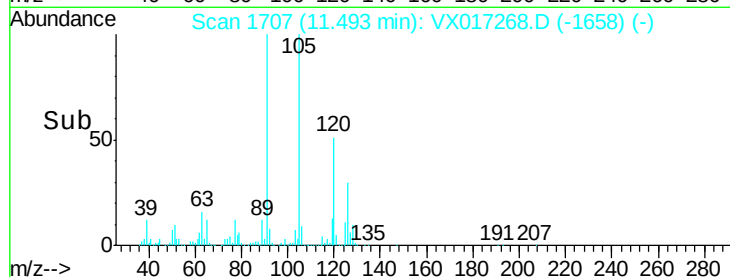
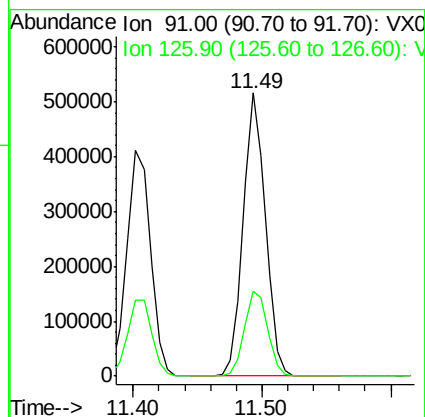
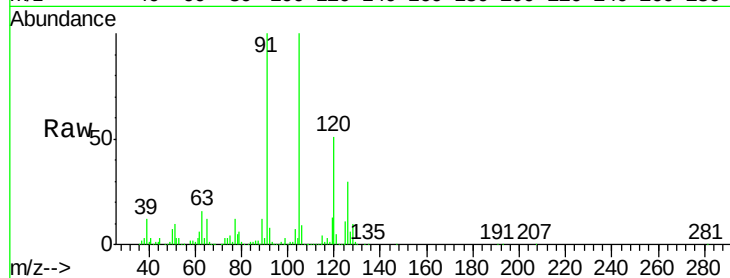
126 31.3 15.2 45.5

Manual Integrations

APPROVED

MMDadoda

7/9/2020 10:59:51 AM



#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

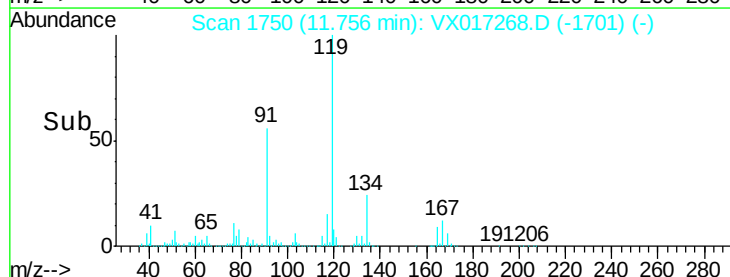
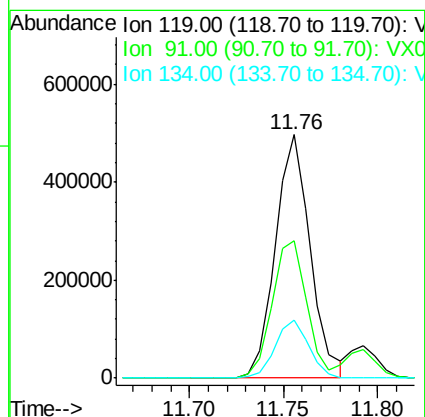
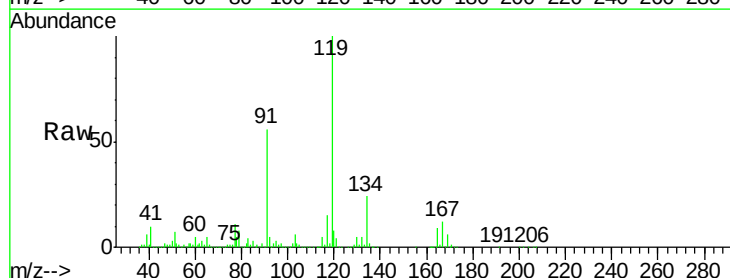
Tgt Ion: 119 Resp: 635399

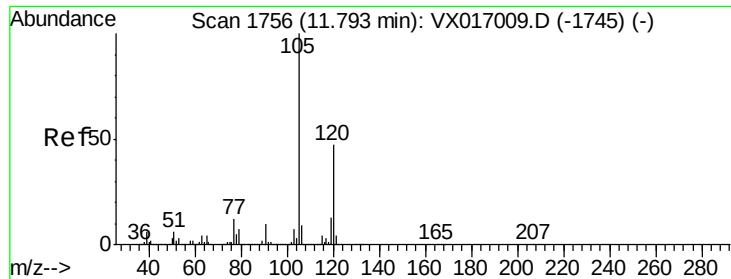
Ion Ratio Lower Upper

119 100

91 55.9 28.3 84.9

134 23.0 11.7 35.1





#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

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MS

Tot Ion:105 Resp: 658319

Ion Ratio Lower Upper

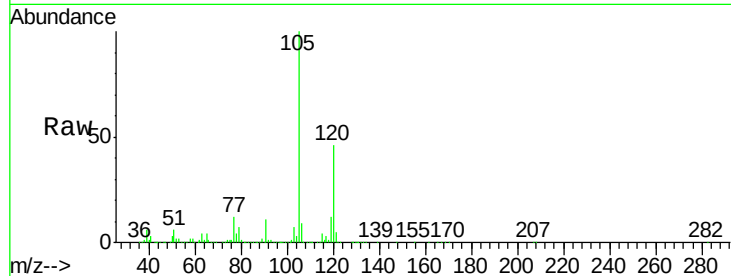
105 100

120 45.4 22.9 68.5

Manual Integrations
APPROVED

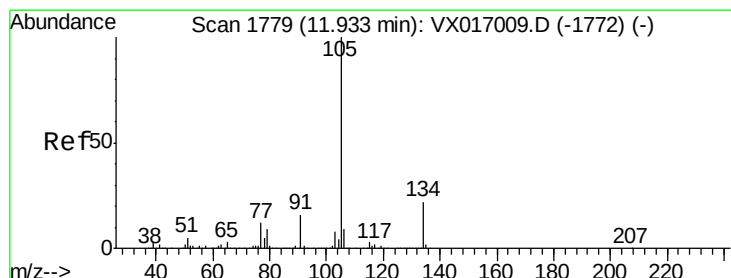
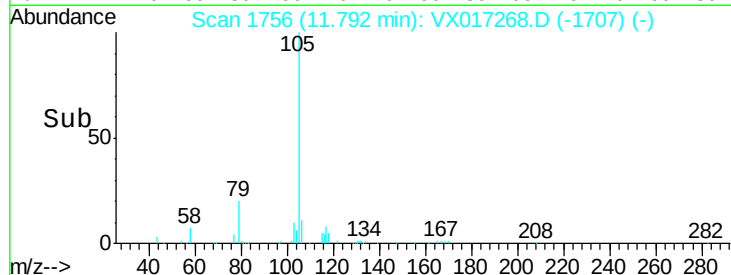
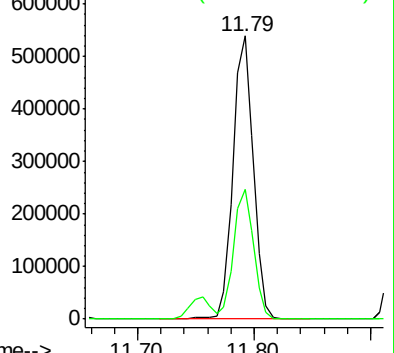
MMDadoda

7/9/2020 10:59:51 AM



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

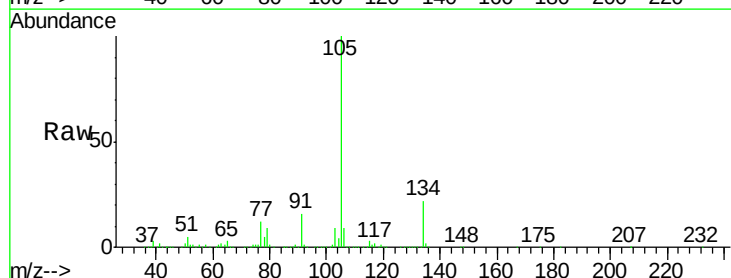
Acq: 08 Jul 2020 20:00

Tgt Ion:105 Resp: 712630

Ion Ratio Lower Upper

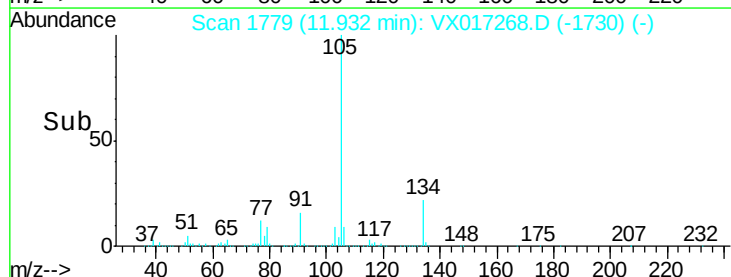
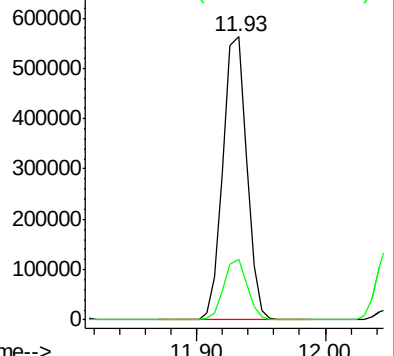
105 100

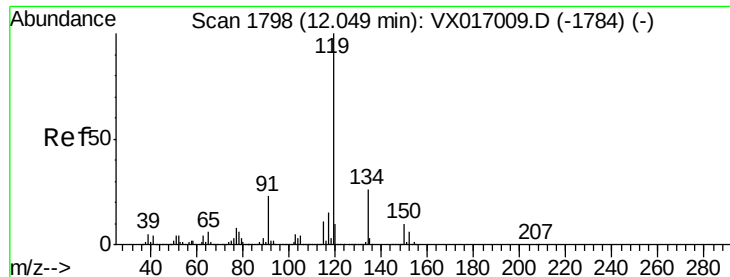
134 21.1 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





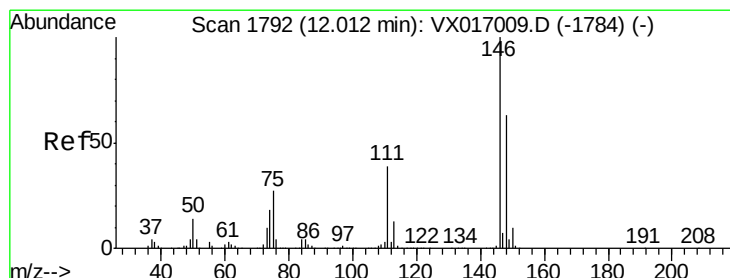
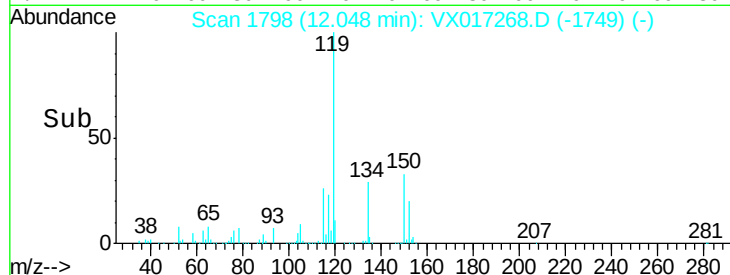
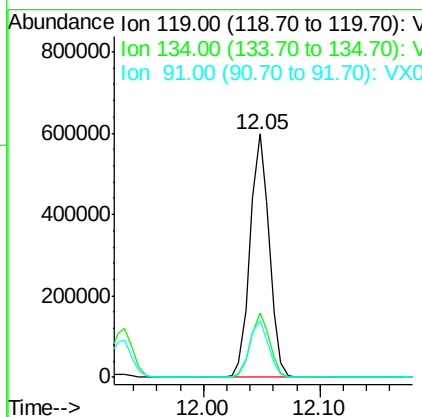
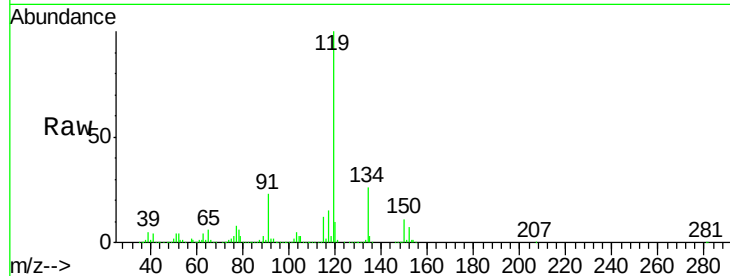
#86
 p-Isopropyltoluene
 Concen: 51.138 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

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

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

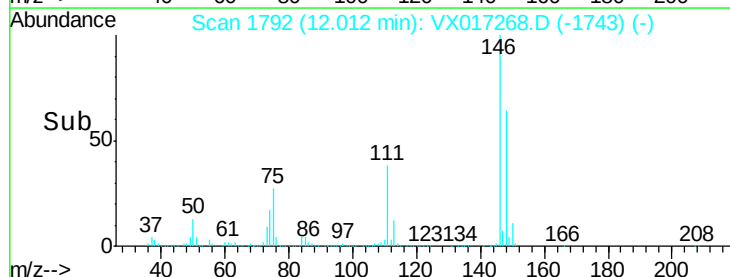
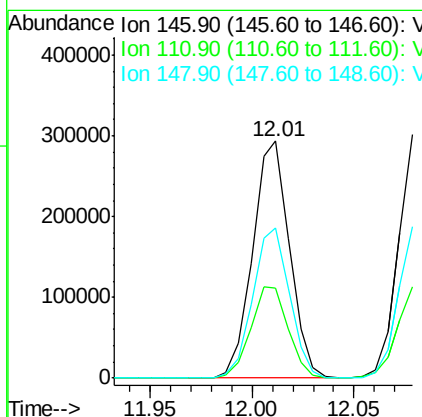
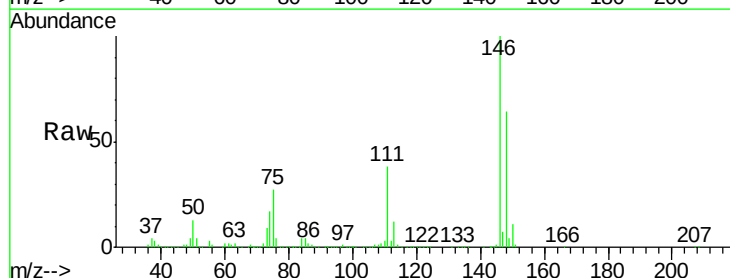
Manual Integrations
 APPROVED

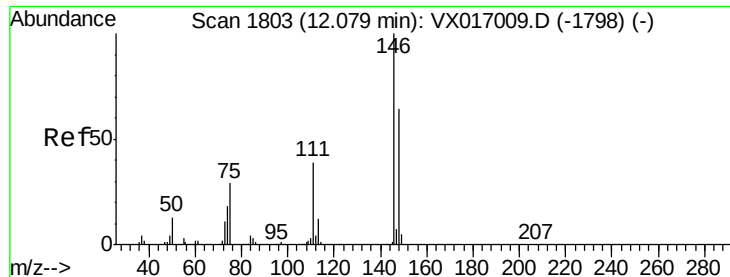
MMDadoda
 7/9/2020 10:59:51 AM



#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

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	368972		
111	39.3		20.4	61.2
148	63.6		32.5	97.5





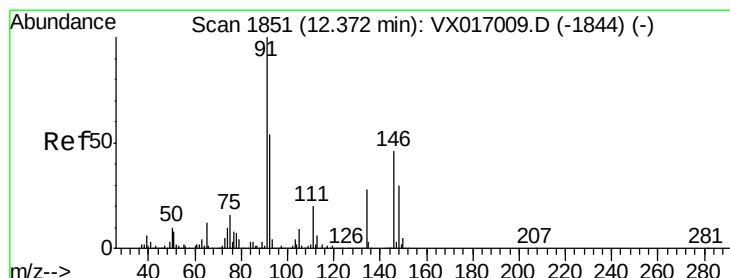
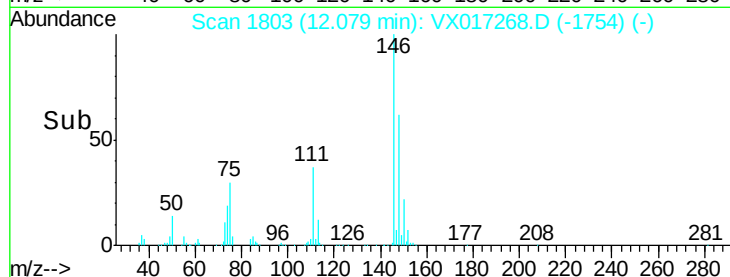
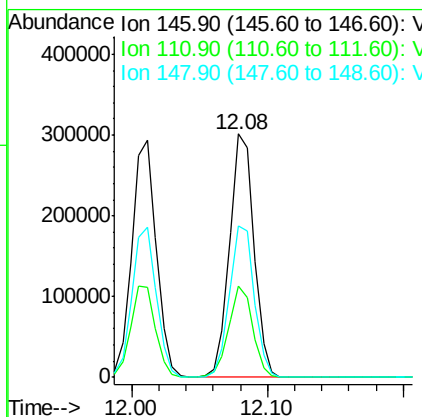
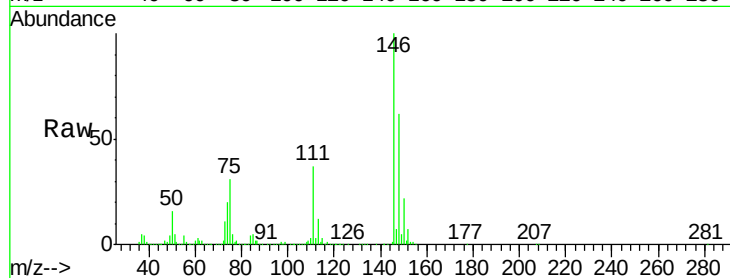
#88
 1,4-Dichlorobenzene
 Concen: 53.137 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017268.D
 Acq: 08 Jul 2020 20:00

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	19.5	58.5
148	62.9	31.9	95.7

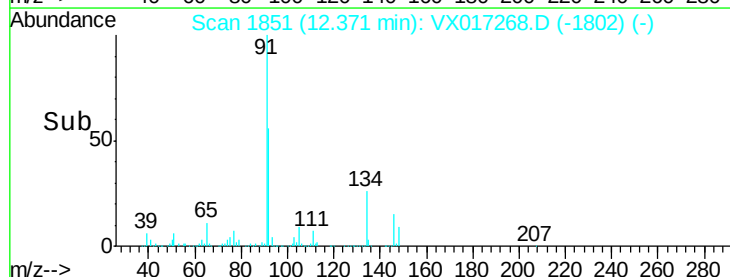
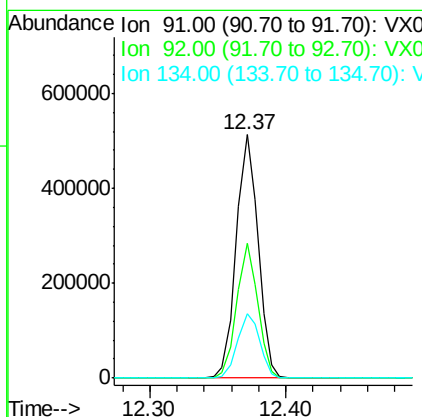
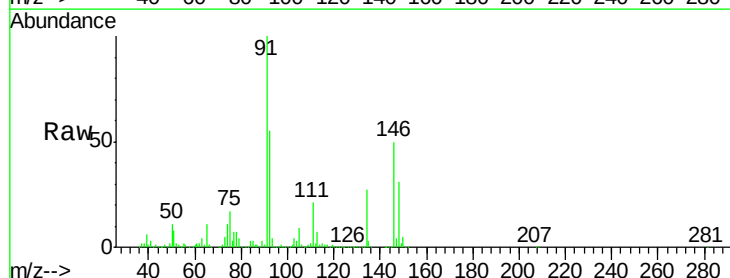
Manual Integrations
 APPROVED

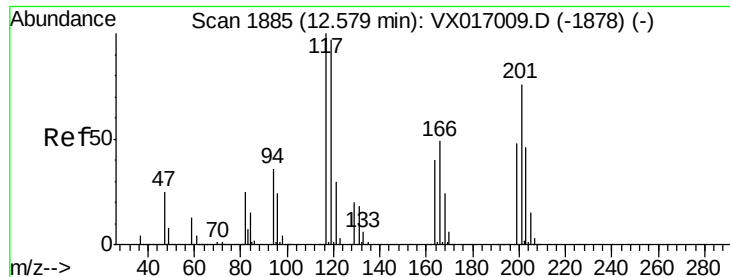
MMDadoda
 7/9/2020 10:59:51 AM



#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

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





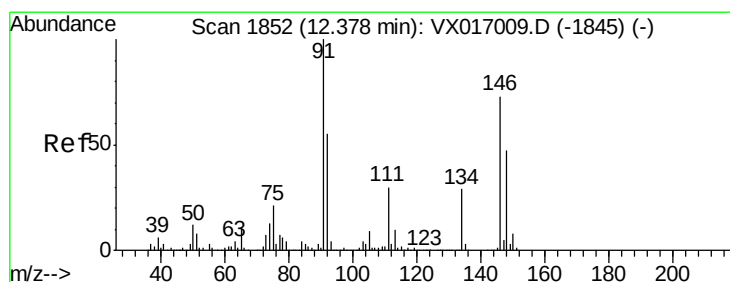
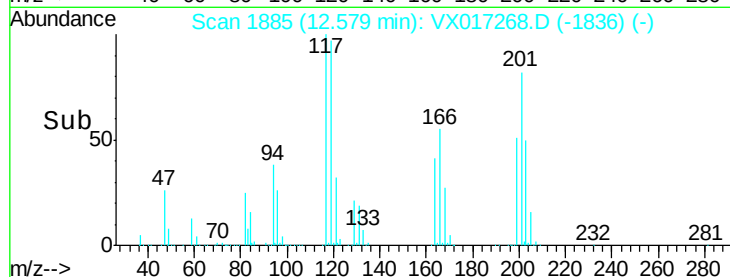
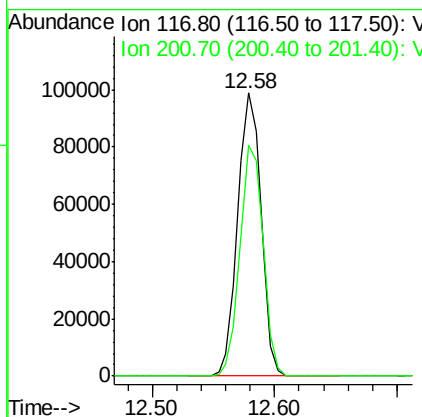
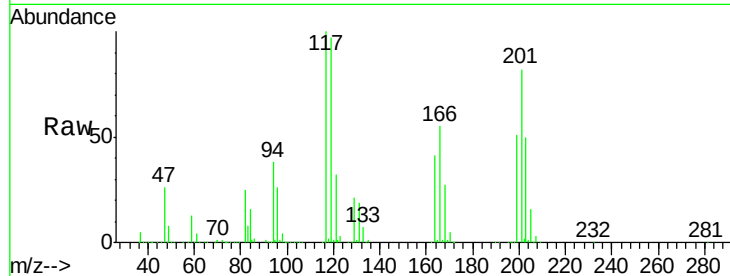
#90
Hexachloroethane
Concen: 49.247 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017268.D
Acq: 08 Jul 2020 20:00

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

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

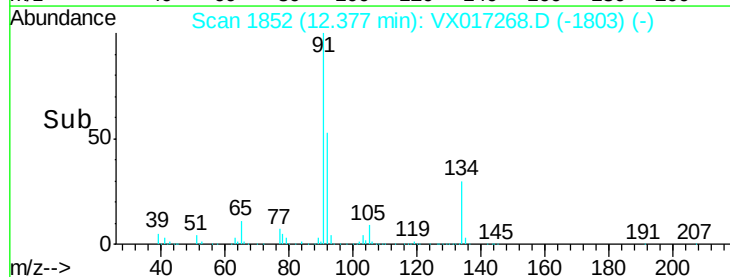
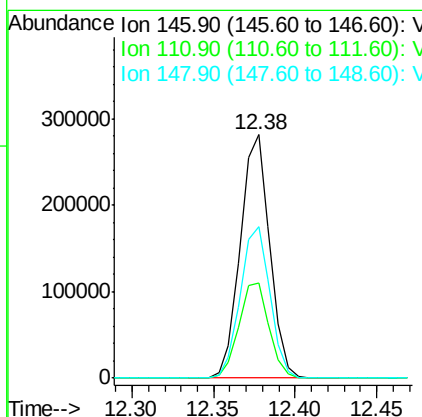
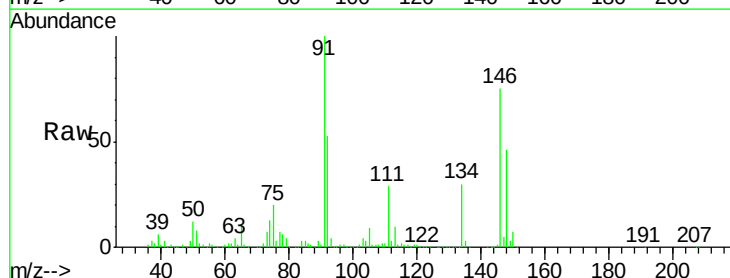
Manual Integrations
APPROVED

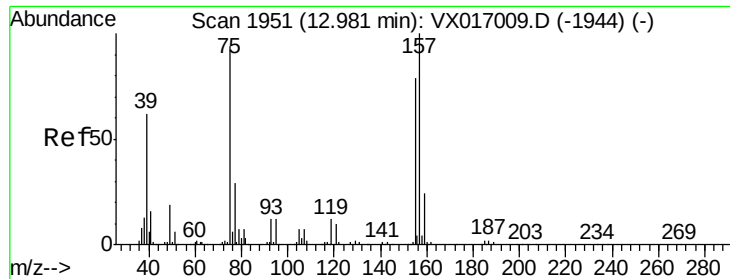
MMDadoda
7/9/2020 10:59:51 AM



#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

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





#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

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200630MS

Tot Ion: 75 Resp: 57363

Ion Ratio Lower Upper

75 100

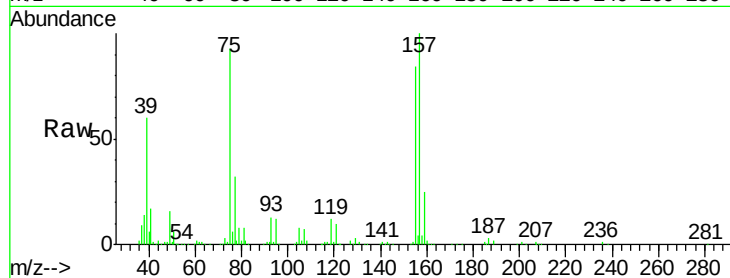
155 91.6 45.1 135.2

157 116.7 56.5 169.3

Manual Integrations
APPROVED

MMDadoda

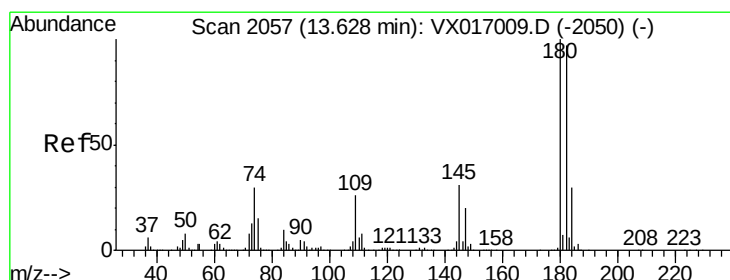
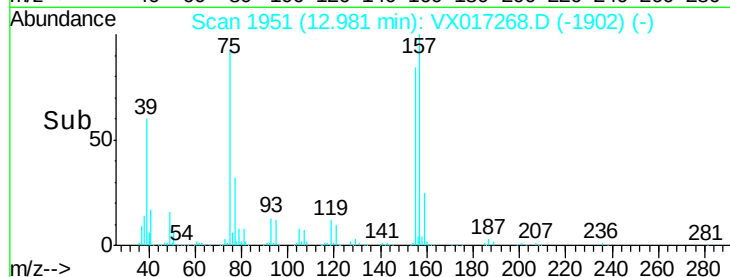
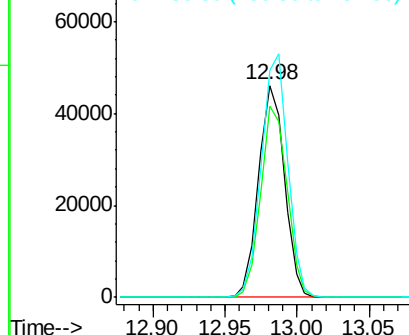
7/9/2020 10:59:51 AM



Abundance Ion 74.90 (74.60 to 75.60): VX017268.D (-1902) (-)

Ion 154.80 (154.50 to 155.50): VX017268.D (-1902) (-)

Ion 156.80 (156.50 to 157.50): VX017268.D (-1902) (-)



#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

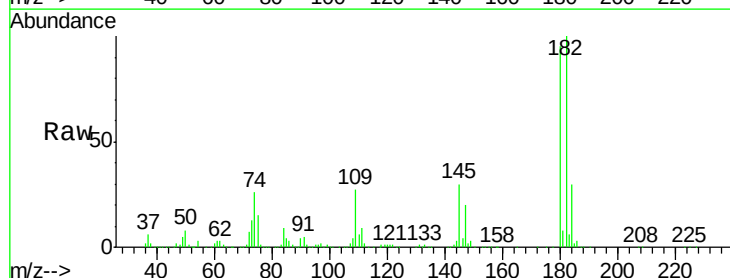
Tgt Ion: 180 Resp: 227775

Ion Ratio Lower Upper

180 100

182 99.5 47.3 141.9

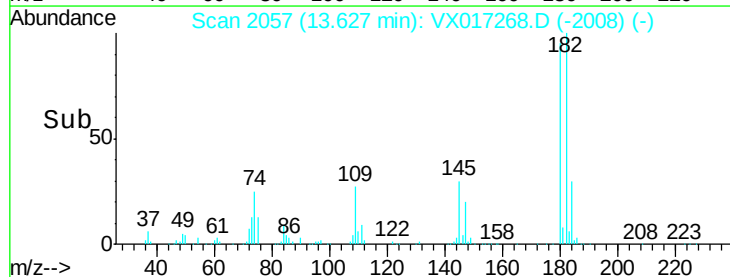
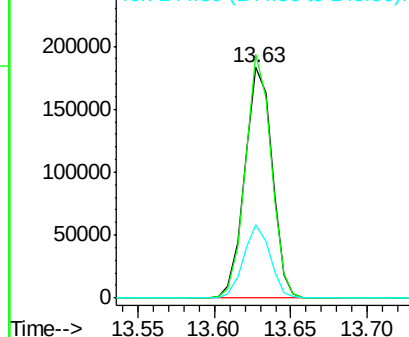
145 30.8 15.4 46.2

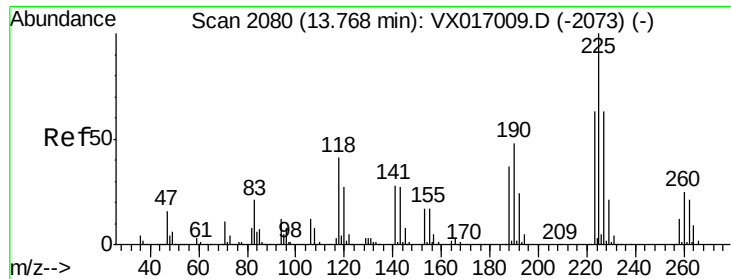


Abundance Ion 179.80 (179.50 to 180.50): VX017268.D (-2008) (-)

Ion 181.80 (181.50 to 182.50): VX017268.D (-2008) (-)

Ion 144.80 (144.50 to 145.50): VX017268.D (-2008) (-)





#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

Instrument :

MSVOA_X

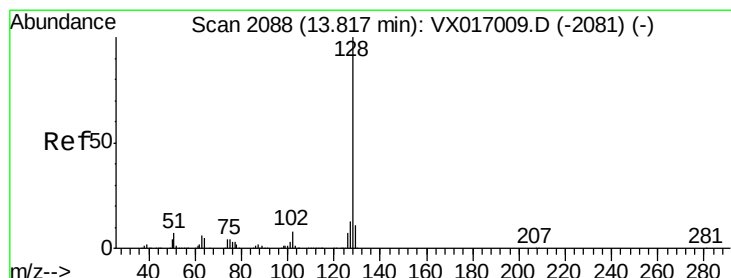
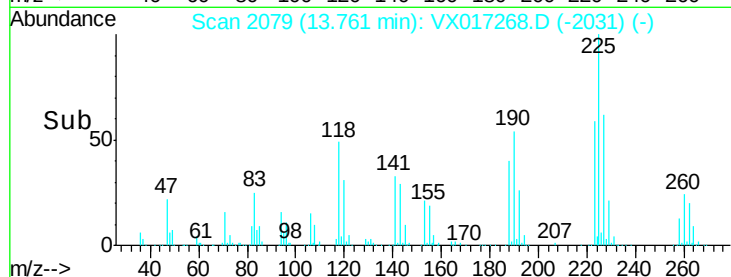
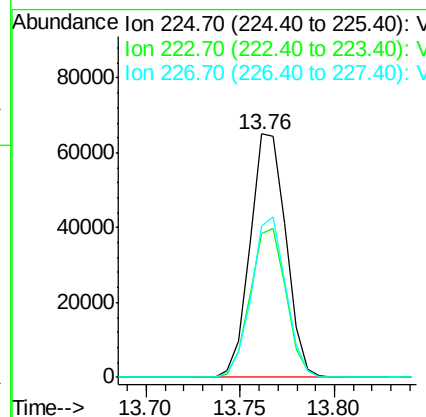
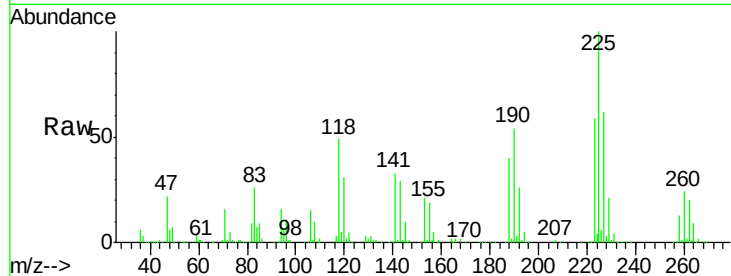
ClientSampleId :

MH-117N-20200630MS

Tot Ion:	225	Resp:	85451
Ion Ratio	Lower	Upper	
225	100		
223	61.2	32.5	97.5
227	63.3	33.1	99.2

Manual Integrations
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7/9/2020 10:59:51 AM



#95

Naphthalene

Concen: 52.647 ug/l

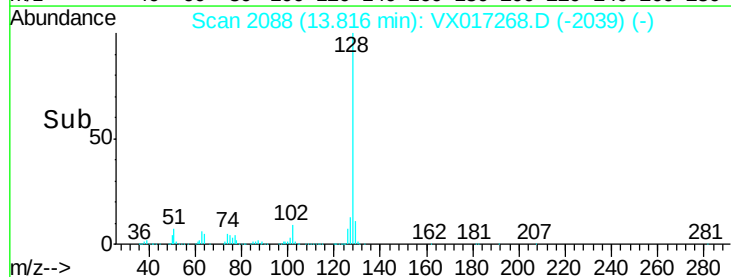
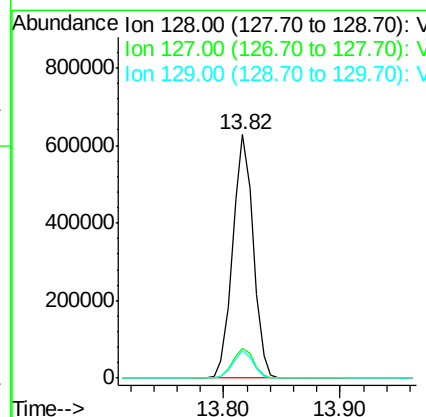
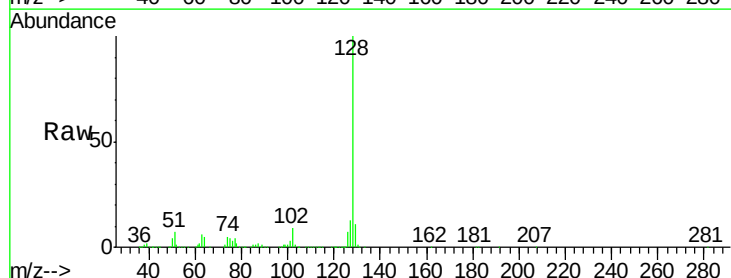
RT: 13.82 min Scan# 2088

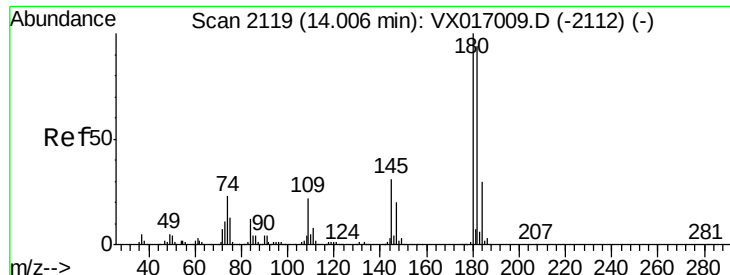
Delta R.T. -0.00 min

Lab File: VX017268.D

Acq: 08 Jul 2020 20:00

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

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

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.0	47.1	141.4
145	32.7	16.6	49.7

Manual Integrations
 APPROVED

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 7/9/2020 10:59:51 AM

