

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101220\
 Data File : VX018921.D
 Acq On : 12 Oct 2020 22:03
 Operator : JC/SP
 Sample : L4303-12MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MS

Manual Integrations
 APPROVED

MMDadoda
 10/13/2020 2:19:17 PM

Quant Time: Oct 13 05:19:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	237091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	350233	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	344555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196769	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	158592	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	
35) Dibromofluoromethane	5.46	113	119912	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
50) Toluene-d8	8.70	98	435336	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.12	95	172142	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	129014	46.146	ug/l	100
3) Chloromethane	1.31	50	108651	48.894	ug/l	98
4) Vinyl Chloride	1.39	62	122376	49.265	ug/l	99
5) Bromomethane	1.62	94	68869	49.780	ug/l	95
6) Chloroethane	1.71	64	81991	49.283	ug/l	94
7) Trichlorofluoromethane	1.92	101	223596	45.666	ug/l	98
8) Diethyl Ether	2.17	74	67191	49.258	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	108609	46.186	ug/l	98
10) Methyl Iodide	2.49	142	114724	46.719	ug/l	93
11) Tert butyl alcohol	3.01	59	136836	248.454	ug/l	99
12) 1,1-Dichloroethene	2.36	96	107361	49.080	ug/l	93
13) Acrolein	2.27	56	106547	232.518	ug/l	99
14) Allyl chloride	2.71	41	188653	47.520	ug/l	95
15) Acrylonitrile	3.11	53	302018	258.566	ug/l	99
16) Acetone	2.42	43	299495	226.416	ug/l	100
17) Carbon Disulfide	2.55	76	308455	48.042	ug/l	100
18) Methyl Acetate	2.75	43	130717	44.969	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	365497	49.785	ug/l	100
20) Methylene Chloride	2.83	84	128631	51.556	ug/l	91
21) trans-1,2-Dichloroethene	3.14	96	122616	48.281	ug/l	97
22) Diisopropyl ether	3.82	45	349756	49.227	ug/l	90
23) Vinyl Acetate	3.79	43	1581459	231.435	ug/l	99
24) 1,1-Dichloroethane	3.67	63	225722	47.252	ug/l	99
25) 2-Butanone	4.64	43	454784	240.115	ug/l	98
26) 2,2-Dichloropropane	4.55	77	171236	37.152	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	135782	48.144	ug/l	96
28) Bromochloromethane	4.98	49	100662	47.781	ug/l	98
29) Tetrahydrofuran	5.09	42	258629	254.509	ug/l	98
30) Chloroform	5.18	83	244671	46.488	ug/l	97
31) Cyclohexane	5.55	56	162343	49.705	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	230343	46.054	ug/l	99
36) 1,1-Dichloropropene	5.77	75	173147	47.021	ug/l	100
37) Ethyl Acetate	4.79	43	164139	46.158	ug/l	100
38) Carbon Tetrachloride	5.76	117	214135	46.917	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	161474	47.570	ug/l	95
40) Benzene	6.11	78	490318	49.562	ug/l	99
41) Methacrylonitrile	5.00	41	99649	48.306	ug/l	97
42) 1,2-Dichloroethane	6.16	62	213647	46.063	ug/l	100
43) Isopropyl Acetate	6.41	43	271432	45.930	ug/l	99
44) Trichloroethene	7.19	130	142446	48.012	ug/l	96
45) 1,2-Dichloropropane	7.49	63	131666	50.298	ug/l	100
46) Dibromomethane	7.63	93	92643	47.890	ug/l	94
47) Bromodichloromethane	7.87	83	200762	47.891	ug/l	99
48) Methyl methacrylate	7.74	41	150029	50.032	ug/l	95
49) 1,4-Dioxane	7.71	88	43306	1029.951	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	909073	263.555	ug/l	98
52) Toluene	8.76	92	319609	50.341	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	208698	48.080	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	206770	46.307	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	136426	50.027	ug/l	98
56) Ethyl methacrylate	9.16	69	192524	48.458	ug/l	96
57) 1,3-Dichloropropane	9.35	76	224173	50.661	ug/l	100
59) 2-Hexanone	9.47	43	699076	266.016	ug/l	98
60) Dibromochloromethane	9.57	129	173325	50.631	ug/l	97
61) 1,2-Dibromoethane	9.65	107	145216	49.656	ug/l	97
64) Tetrachloroethene	9.32	164	126495	50.287	ug/l	92
65) Chlorobenzene	10.12	112	355820	47.787	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	146630	47.734	ug/l	99
67) Ethyl Benzene	10.23	91	618044	49.203	ug/l	98
68) m/p-Xylenes	10.34	106	482898	101.187	ug/l	98
69) o-Xylene	10.68	106	225450	50.141	ug/l	99
70) Styrene	10.70	104	396321	52.065	ug/l	98
71) Bromoform	10.84	173	132137	49.733	ug/l #	95
73) Isopropylbenzene	11.00	105	633020	49.179	ug/l	98
74) N-amyl acetate	10.88	43	238140	46.762	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	199571	46.518	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	198616m	46.846	ug/l	
77) Bromobenzene	11.24	156	177400	50.172	ug/l	97
78) n-propylbenzene	11.34	91	703420	47.959	ug/l	100
79) 2-Chlorotoluene	11.40	91	435726	47.658	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	551513	50.091	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	65797	43.980	ug/l	96
82) 4-Chlorotoluene	11.49	91	520237	47.855	ug/l	99
83) tert-Butylbenzene	11.76	119	532695	48.312	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	546025	48.785	ug/l	99
85) sec-Butylbenzene	11.93	105	607554	48.911	ug/l	100
86) p-Isopropyltoluene	12.05	119	573040	48.627	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	305624	47.065	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	309562	47.063	ug/l	96
89) n-Butylbenzene	12.37	91	477063	46.592	ug/l	100
90) Hexachloroethane	12.58	117	99742	45.527	ug/l	83
91) 1,2-Dichlorobenzene	12.37	146	289154	46.780	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48803	44.479	ug/l	90
93) 1,2,4-Trichlorobenzene	13.63	180	201315	50.767	ug/l	97

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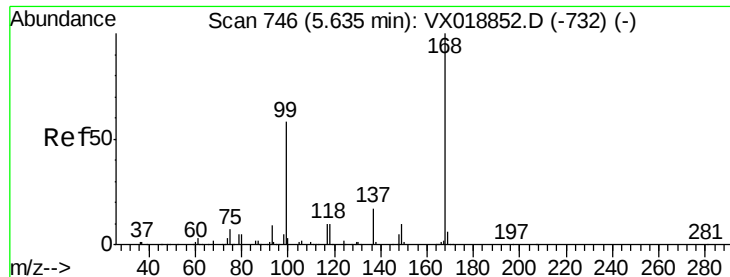
Manual Integrations
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Quant Time: Oct 13 05:19:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	90254	51.241	ug/l	97
95) Naphthalene	13.82	128	603041	45.823	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	210009	54.129	ug/l	96

(#) = 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: VX018921.D

Acq: 12 Oct 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MS

Tot Ion:168 Resp: 237091

Ion Ratio Lower Upper

168 100

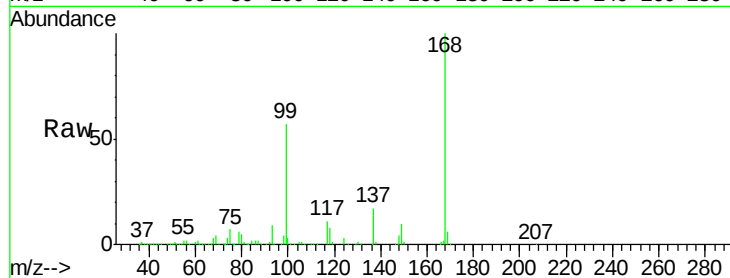
99 56.4 46.1 69.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

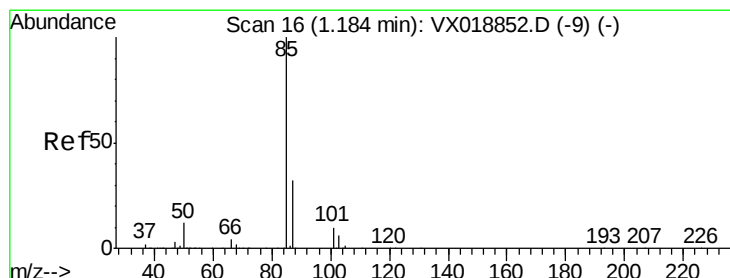
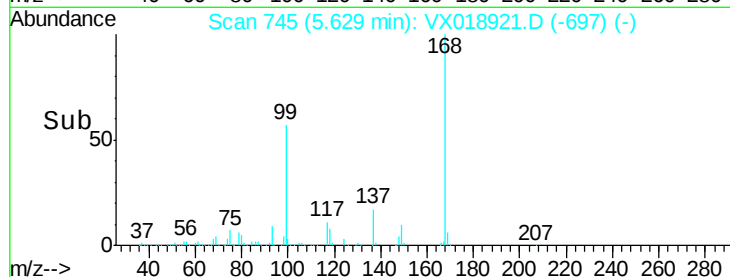
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.146 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018921.D

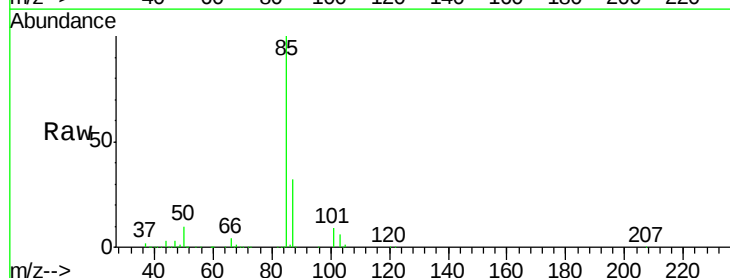
Acq: 12 Oct 2020 22:03

Tgt Ion: 85 Resp: 129014

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

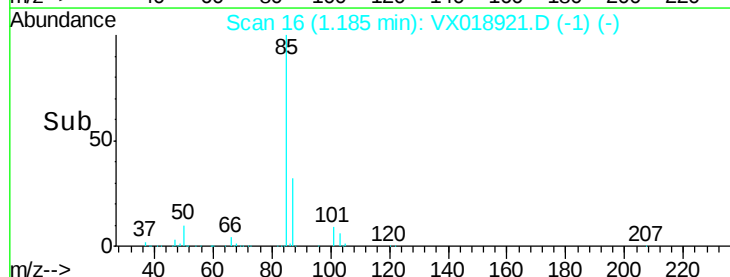
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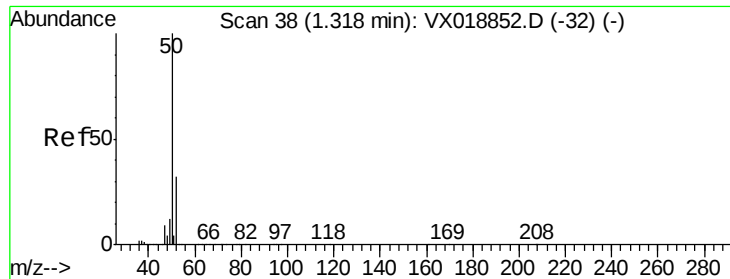
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 48.894 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MS

Tot Ion: 50 Resp: 108651

Ion Ratio Lower Upper

50 100

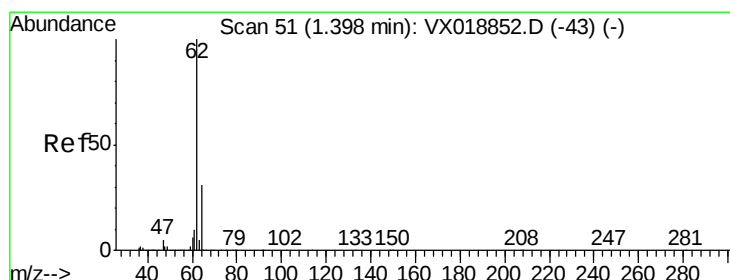
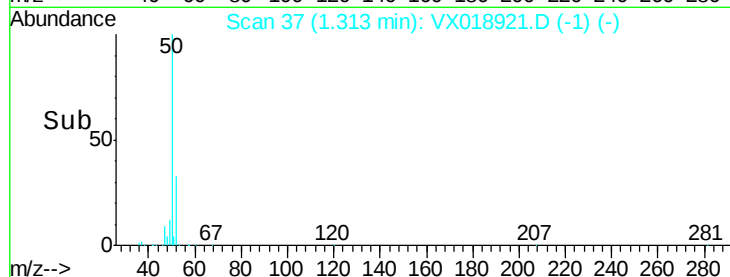
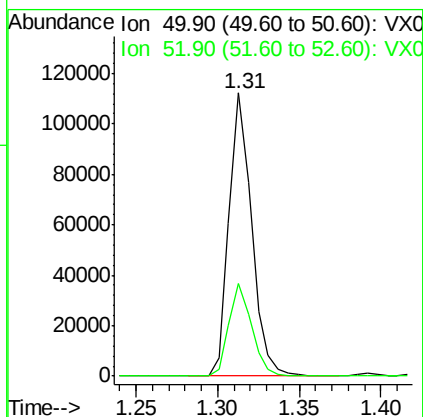
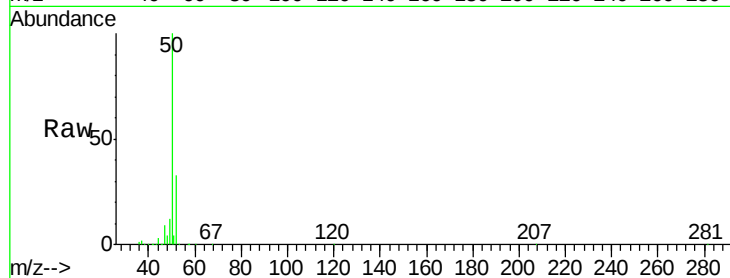
52 32.5 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.265 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018921.D

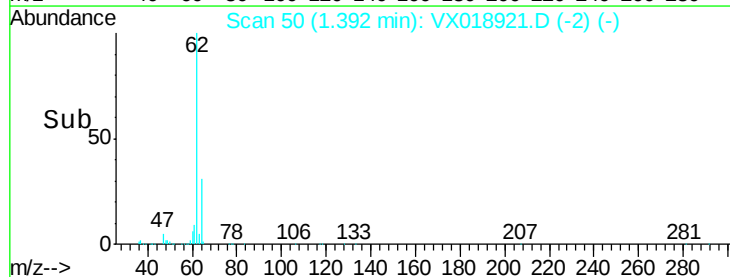
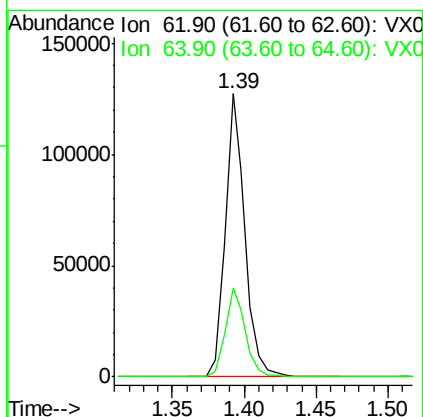
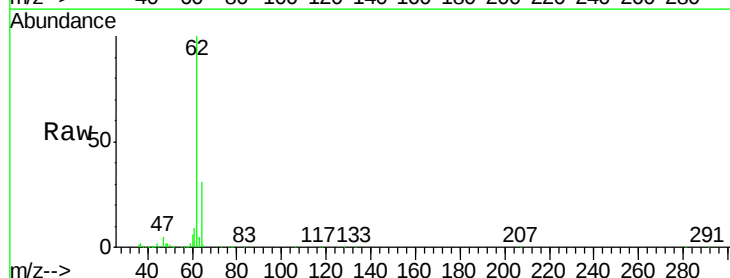
Acq: 12 Oct 2020 22:03

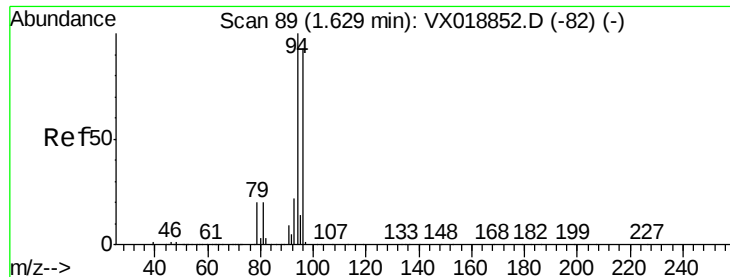
Tgt Ion: 62 Resp: 122376

Ion Ratio Lower Upper

62 100

64 31.3 24.6 37.0





#5

Bromomethane

Concen: 49.780 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MS

Tot Ion: 94 Resp: 68869

Ion Ratio Lower Upper

94 100

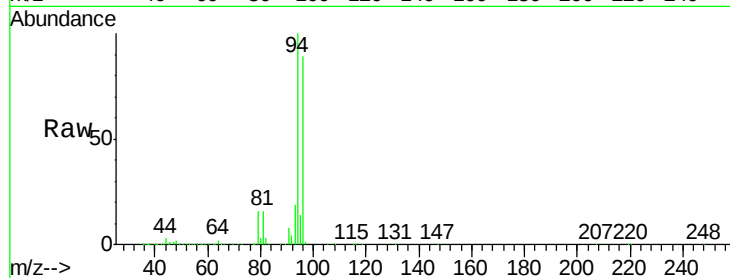
96 88.8 74.5 111.7

Manual Integrations

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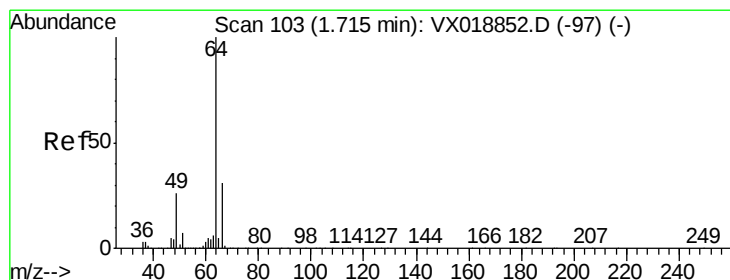
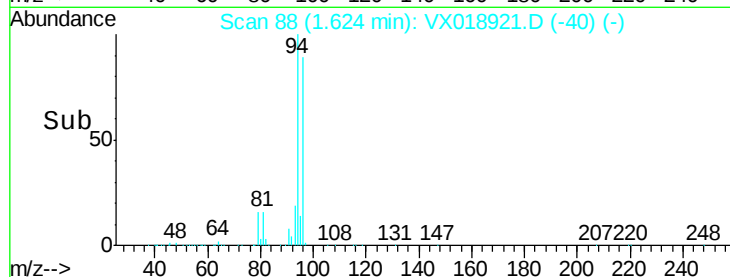
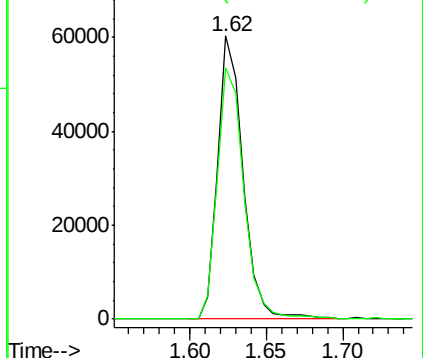
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.283 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX018921.D

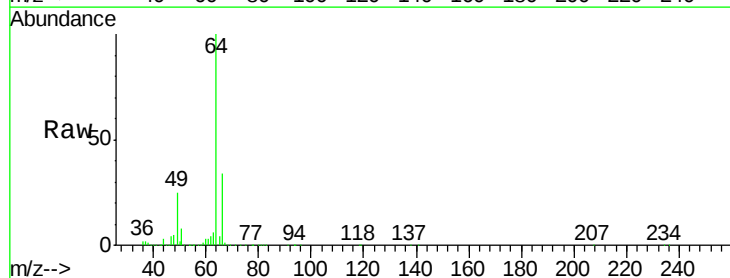
Acq: 12 Oct 2020 22:03

Tgt Ion: 64 Resp: 81991

Ion Ratio Lower Upper

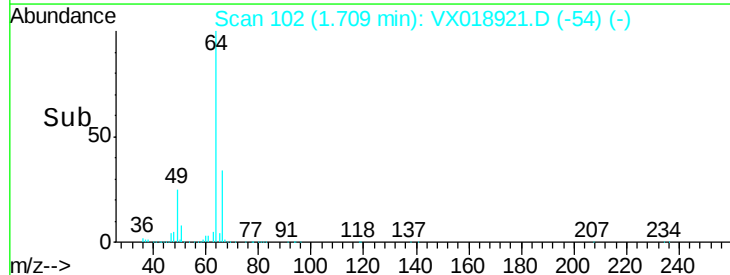
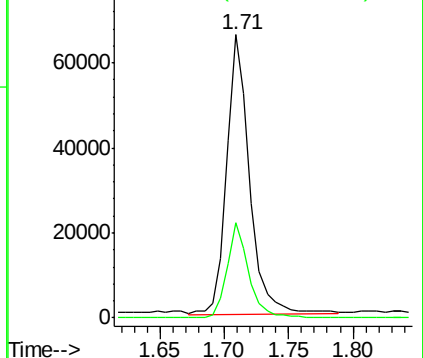
64 100

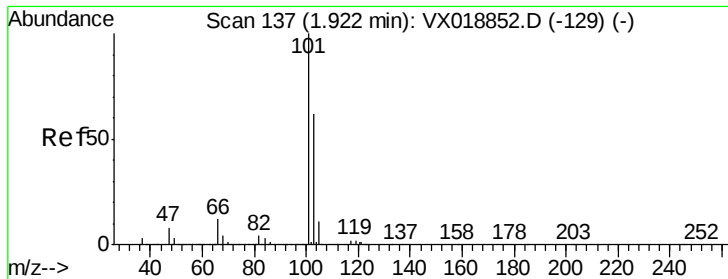
66 34.0 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

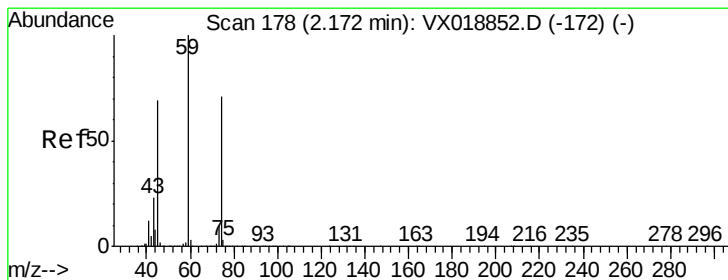
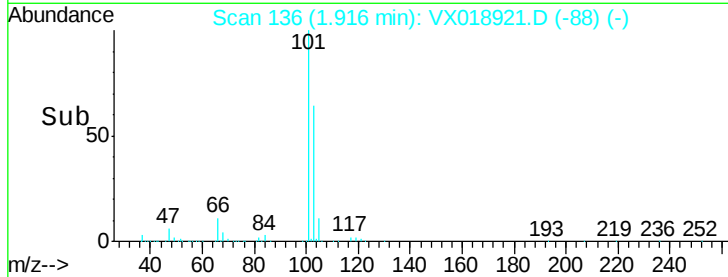
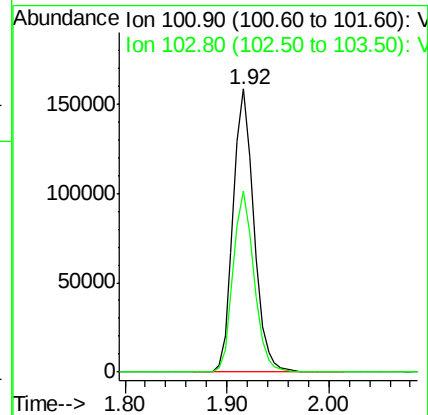
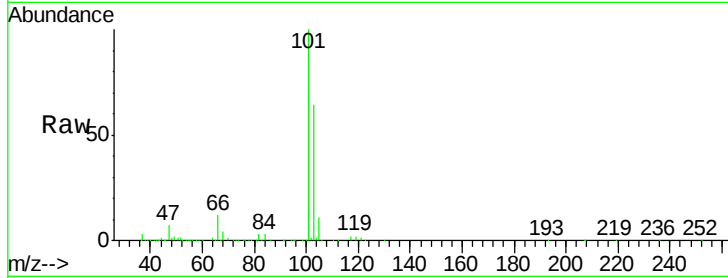
Trichlorofluoromethane
Concen: 45.666 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

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ClientSampleId :
FC-MW07S-20201003MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	50.0	75.0

Manual Integrations
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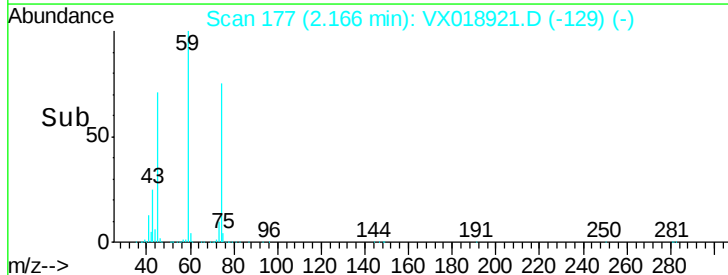
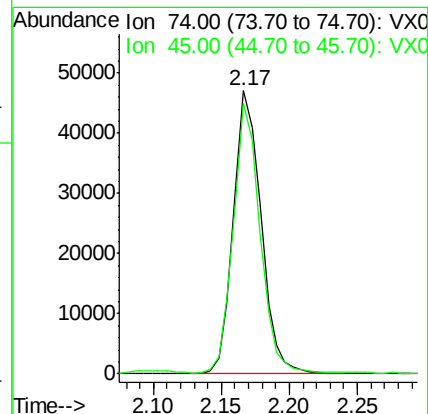
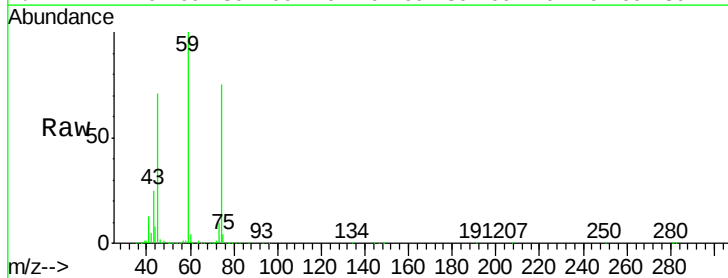
MMDadoda
10/13/2020 2:19:17 PM

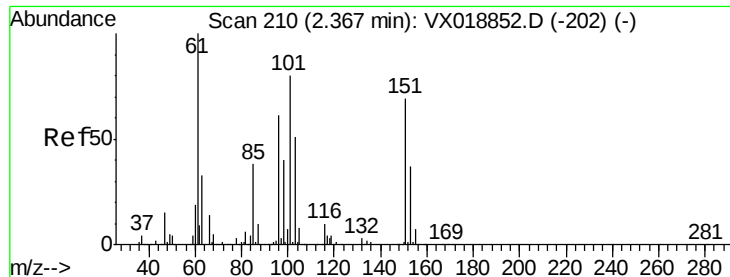


#8

Diethyl Ether
Concen: 49.258 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.7	47.0	141.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.186 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Instrument :

MSVOA_X

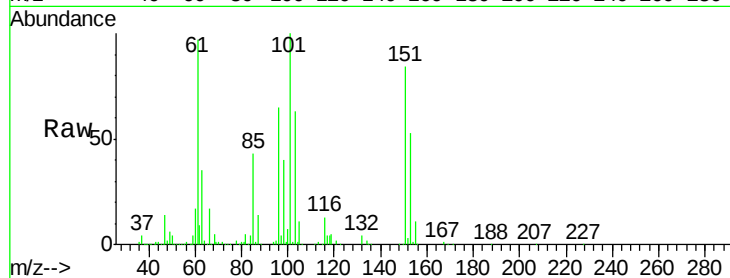
ClientSampleId :

FC-MW07S-20201003MS

Tot Ion:	101	Resp:	108609
Ion Ratio	Lower	Upper	
101	100		
85	43.3	36.6	55.0
151	84.5	67.2	100.8

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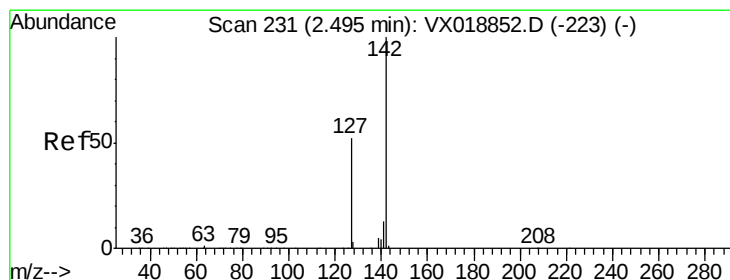
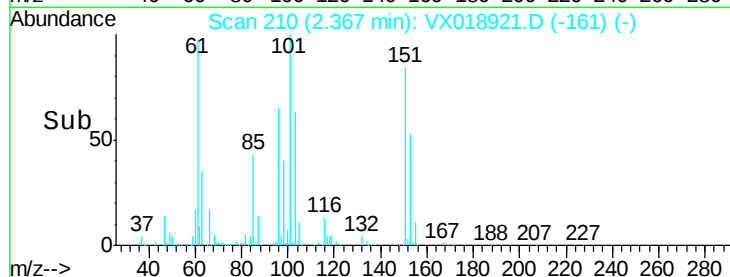
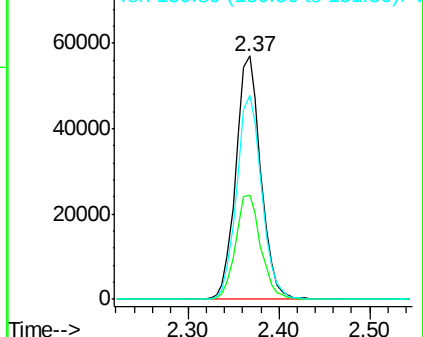
MMDadoda
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.719 ug/l

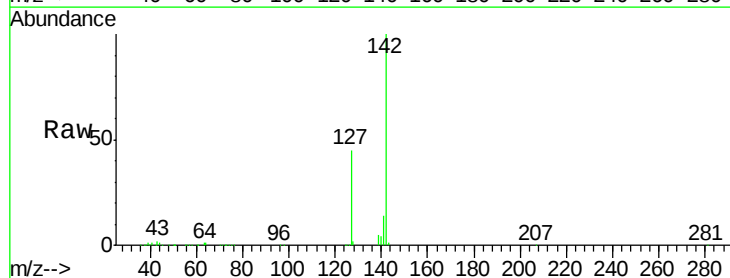
RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

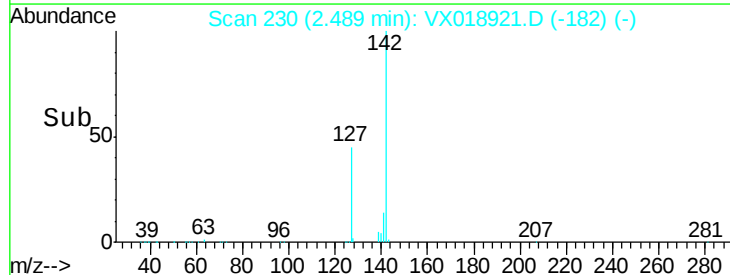
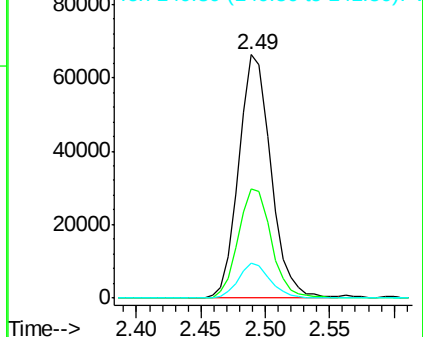
Tgt Ion:	142	Resp:	114724
Ion Ratio	Lower	Upper	
142	100		
127	46.2	42.0	63.0
141	14.2	11.8	17.6

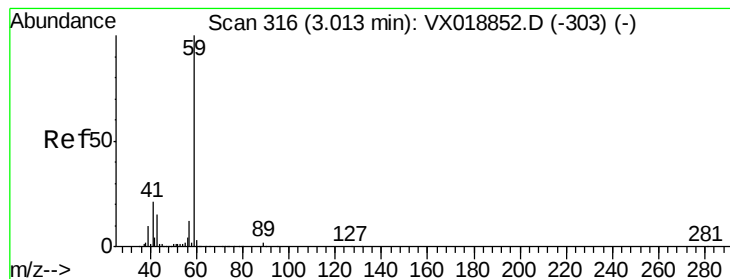


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

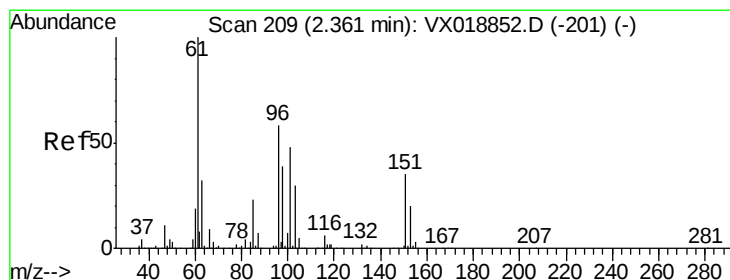
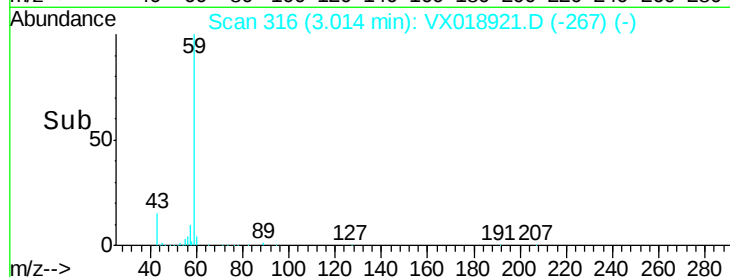
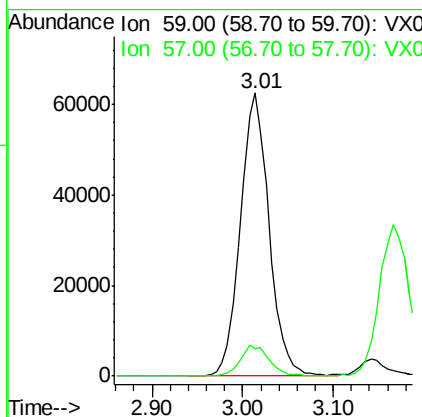
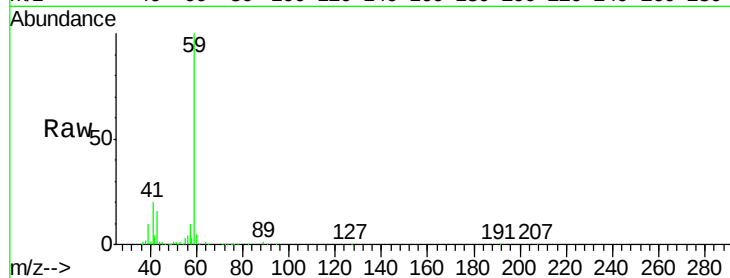
Tert butyl alcohol
Concen: 248.454 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	9.0	13.6

Manual Integrations
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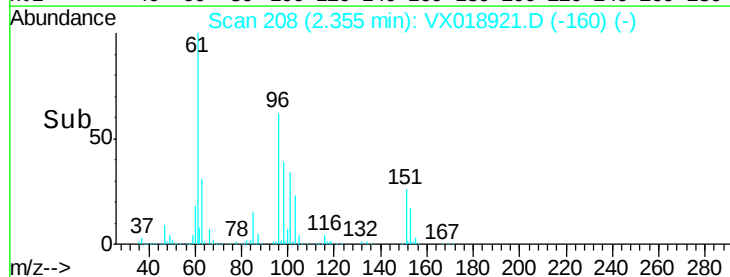
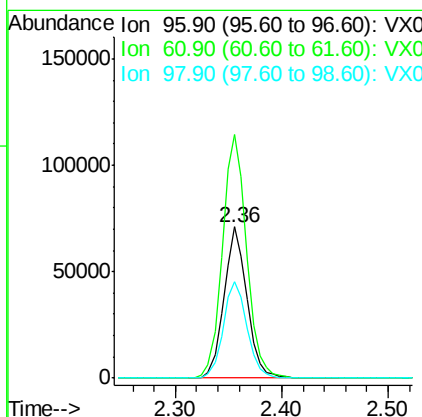
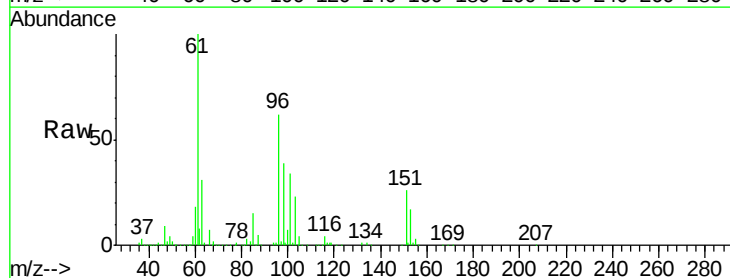
MMDadoda
10/13/2020 2:19:17 PM

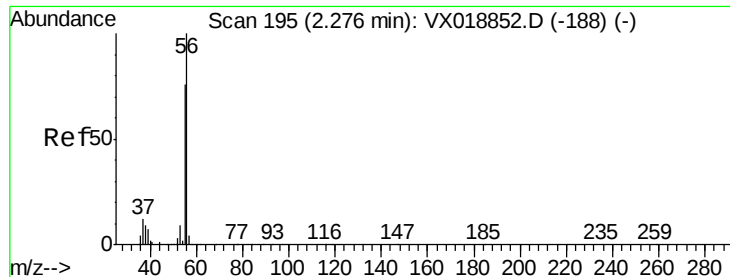


#12

1,1-Dichloroethene
Concen: 49.080 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.2	137.0	205.6
98	63.4	53.9	80.9





#13

Acrolein

Concen: 232.518 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MS

Tot Ion: 56 Resp: 106547

Ion Ratio Lower Upper

56 100

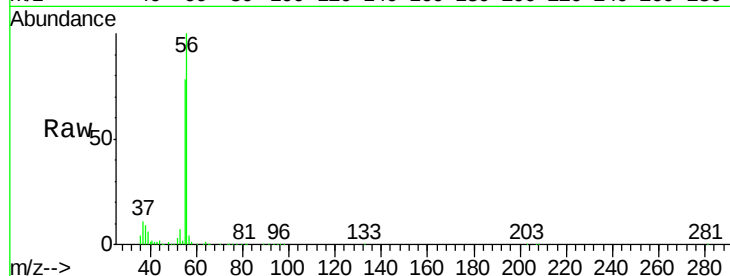
55 72.4 58.6 87.8

Manual Integrations

APPROVED

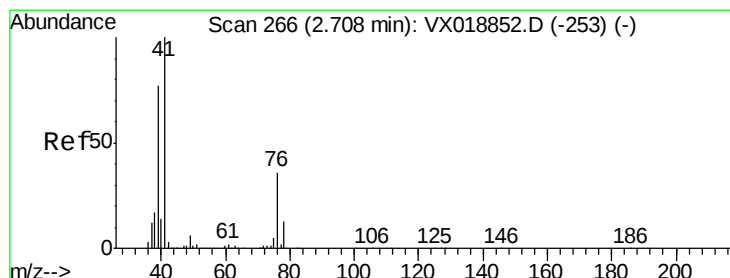
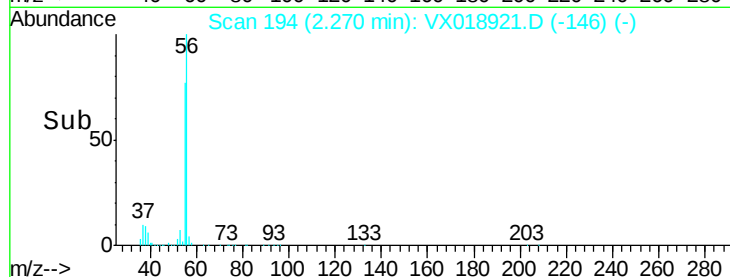
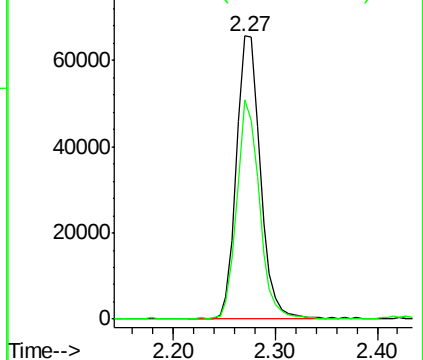
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.520 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

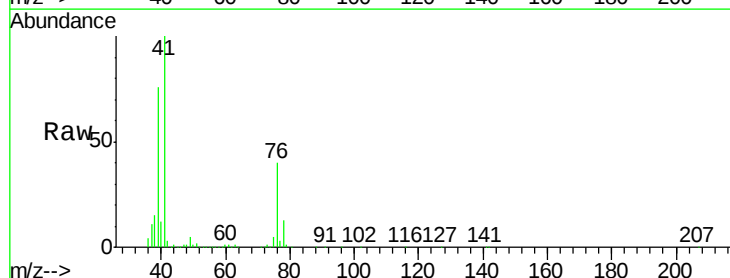
Tgt Ion: 41 Resp: 188653

Ion Ratio Lower Upper

41 100

39 66.5 57.8 86.8

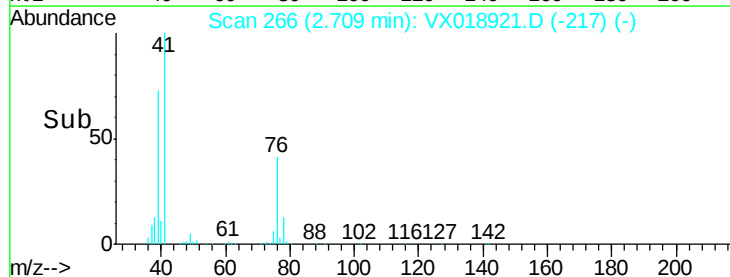
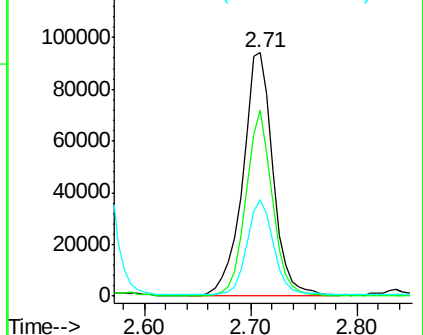
76 34.4 26.8 40.2

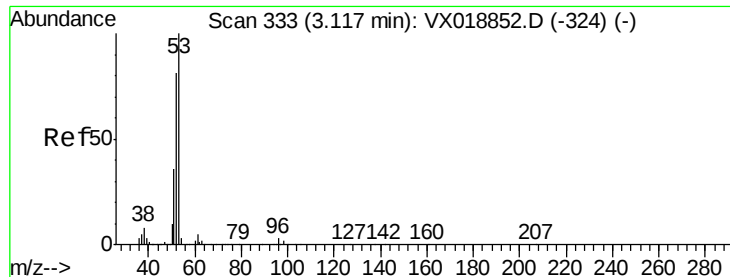


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 258.566 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Instrument :

MSVOA_X

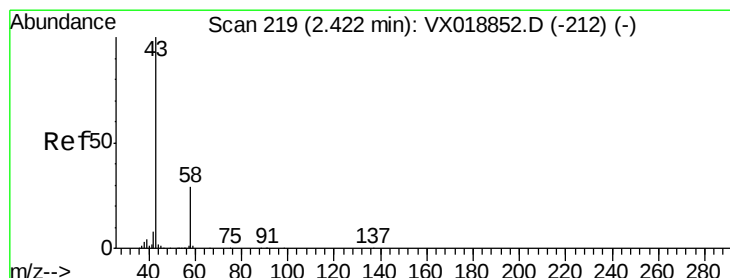
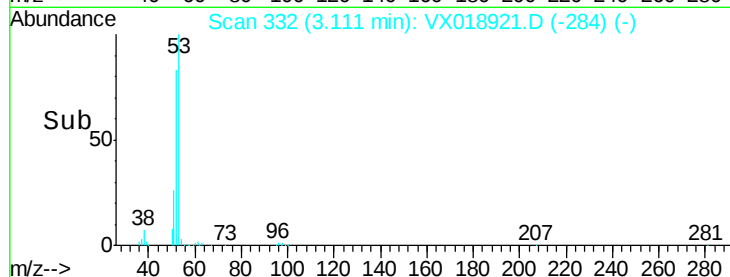
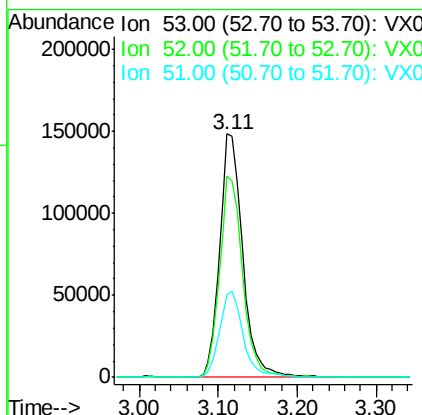
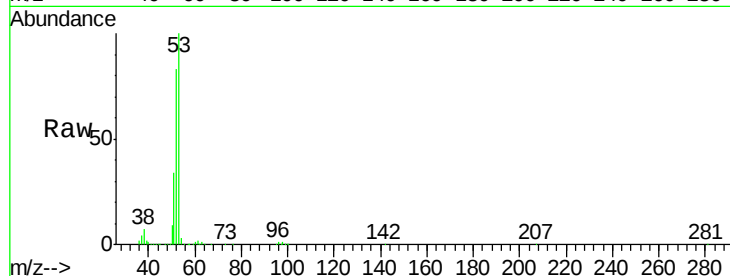
ClientSampleId :

FC-MW07S-20201003MS

Tot Ion:	53	Resp:	302018
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.7	100.1
51	36.6	30.3	45.5

Manual Integrations
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#16

Acetone

Concen: 226.416 ug/l

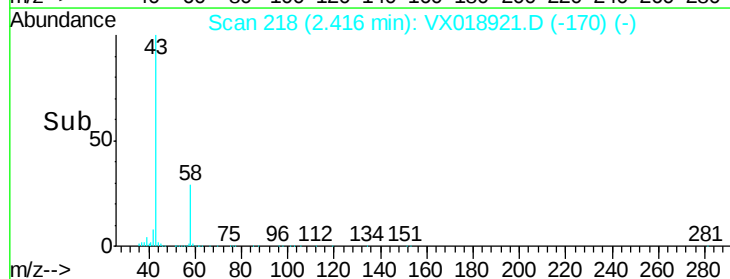
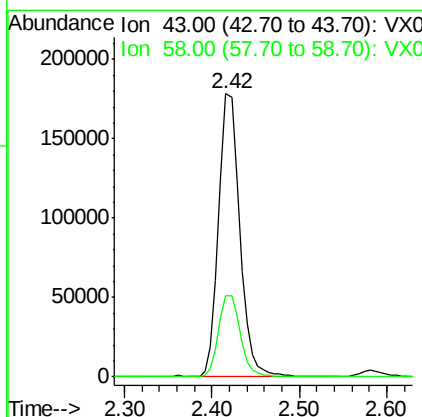
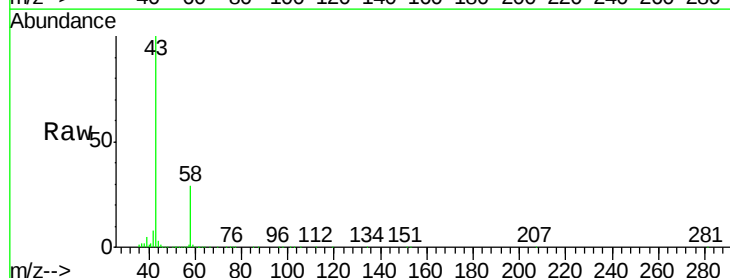
RT: 2.42 min Scan# 218

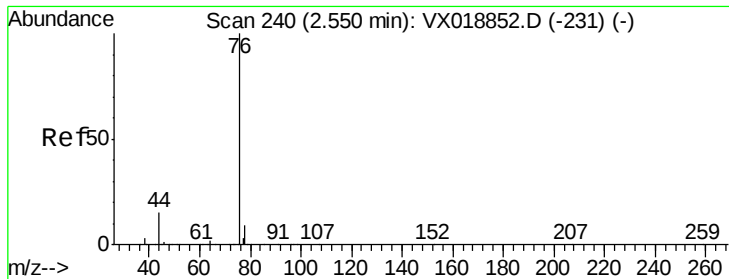
Delta R.T. -0.00 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Tgt Ion:	43	Resp:	299495
Ion Ratio	Lower	Upper	
43	100		
58	28.6	23.0	34.4





#17

Carbon Disulfide

Concen: 48.042 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MS

Tot Ion: 76 Resp: 308455

Ion Ratio Lower Upper

76 100

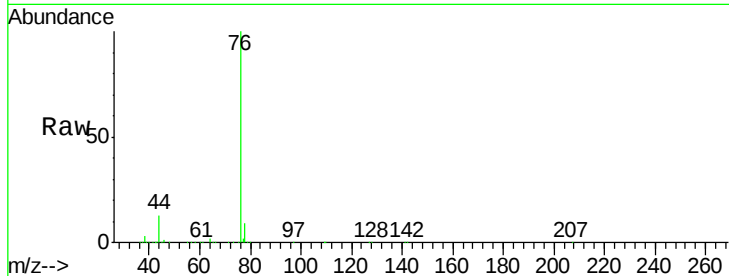
78 9.0 7.3 10.9

Manual Integrations

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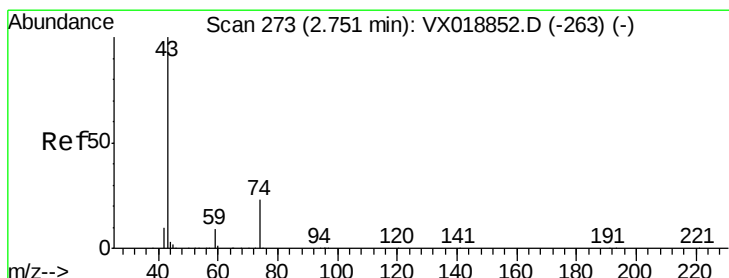
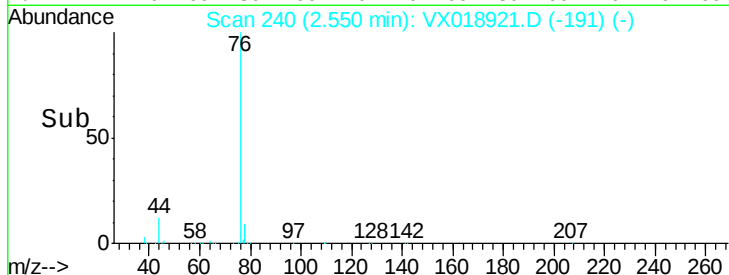
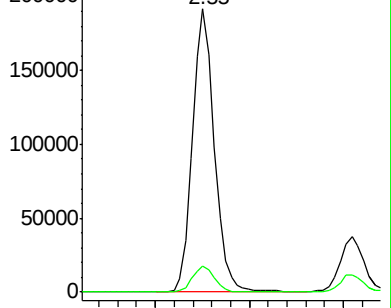
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 44.969 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018921.D

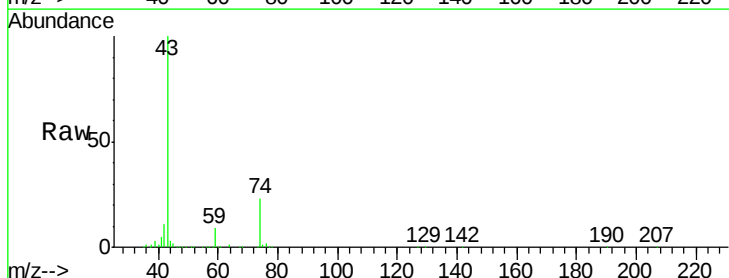
Acq: 12 Oct 2020 22:03

Tgt Ion: 43 Resp: 130717

Ion Ratio Lower Upper

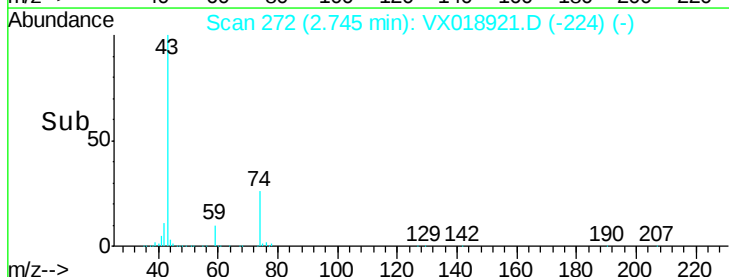
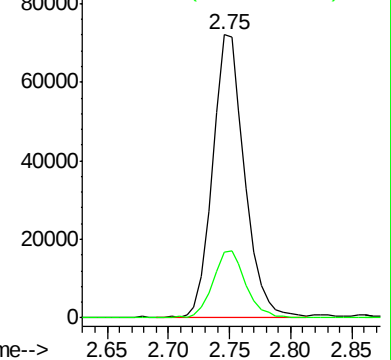
43 100

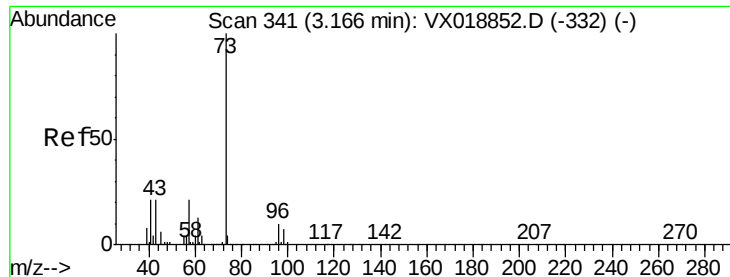
74 24.8 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





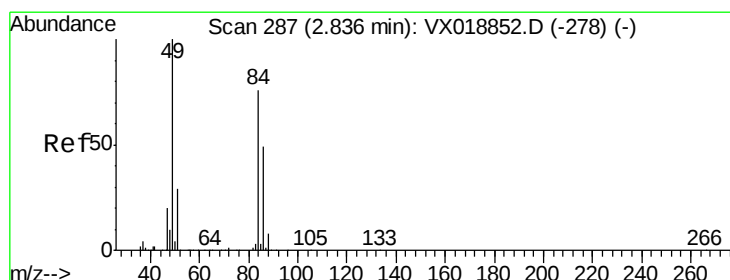
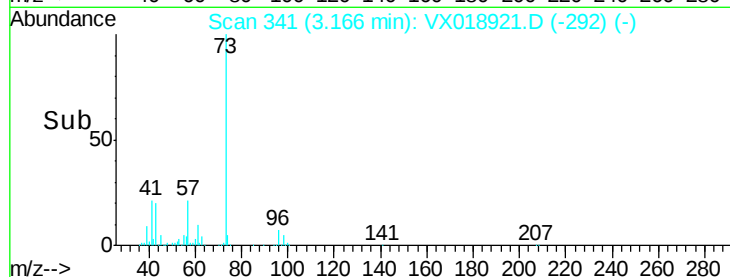
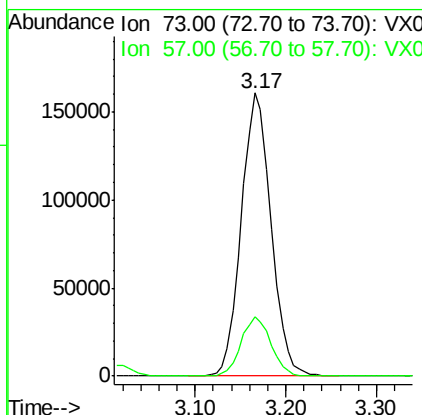
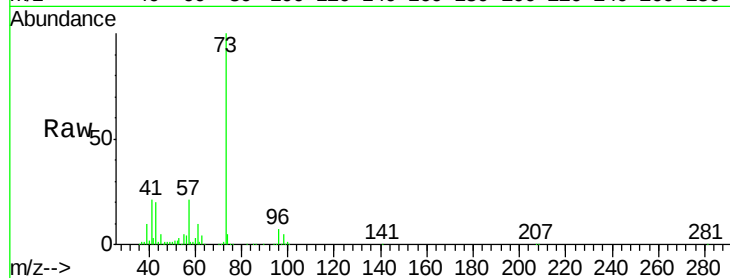
#19
Methvl tert-butvl Ether
Concen: 49.785 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	16.7	25.1

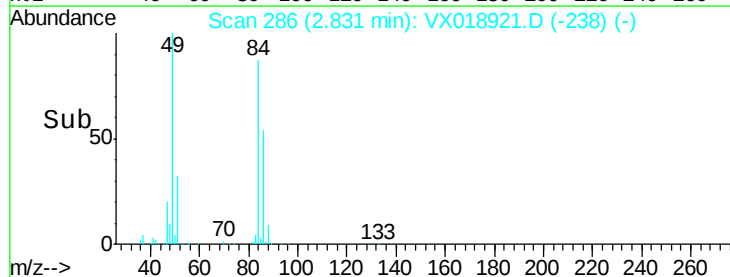
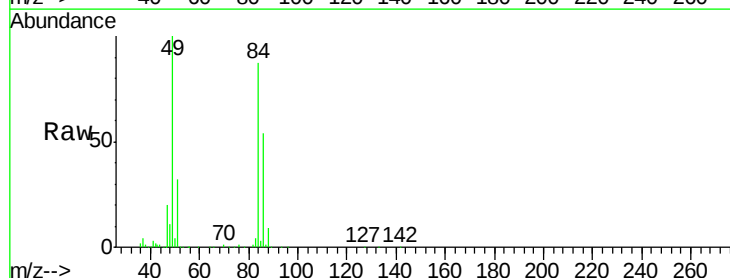
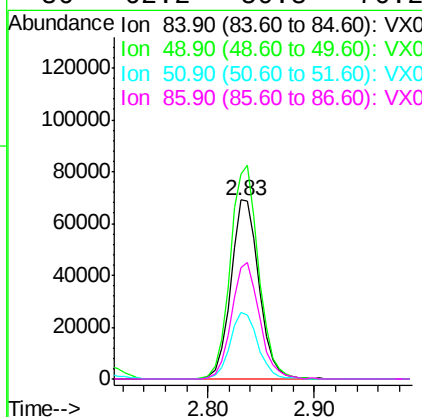
Manual Integrations
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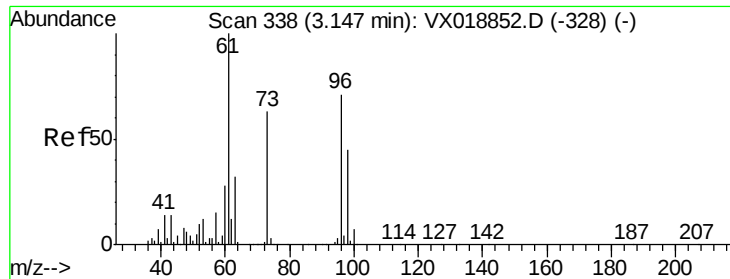
MMDadoda
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#20
Methylene Chloride
Concen: 51.556 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.5	104.8	157.2
51	36.8	30.6	46.0
86	62.2	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 48.281 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Instrument :

MSVOA_X

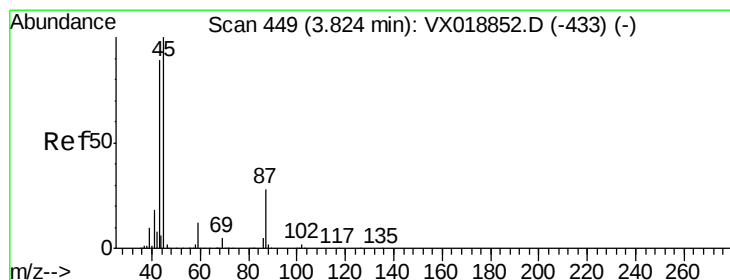
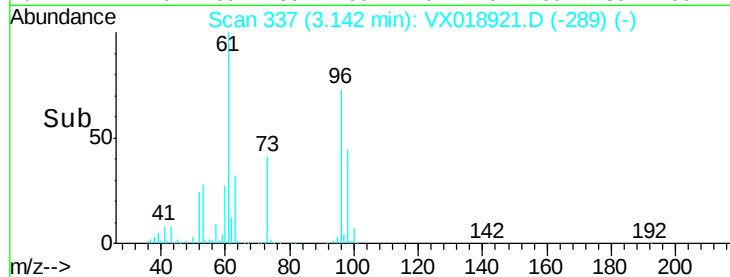
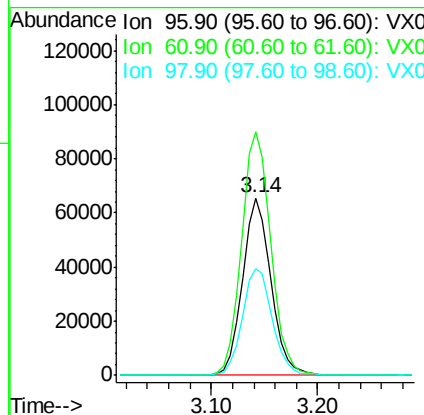
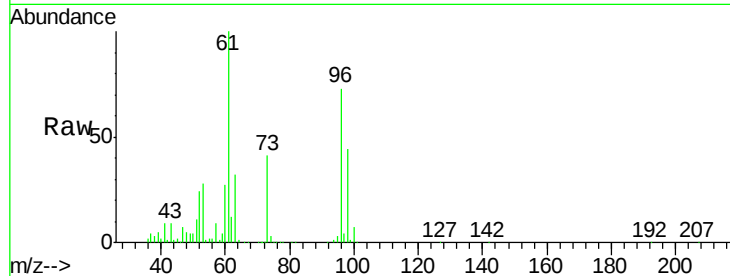
ClientSampleId :

FC-MW07S-20201003MS

Tot Ion:	96	Resp:	122616
Ion	Ratio	Lower	Upper
96	100		
61	137.2	112.0	168.0
98	60.0	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.227 ug/l

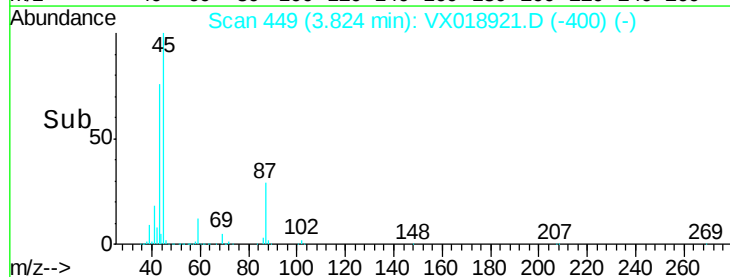
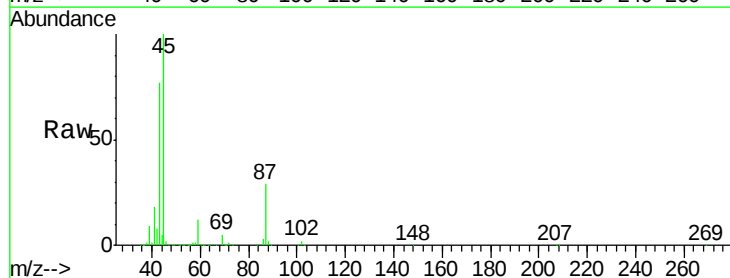
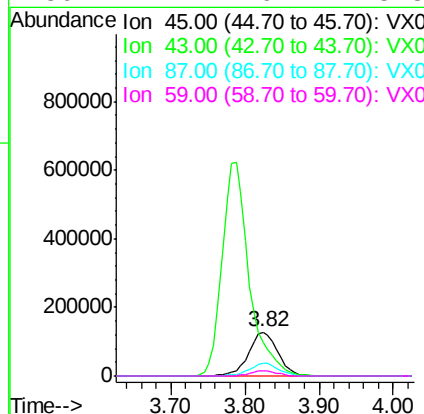
RT: 3.82 min Scan# 449

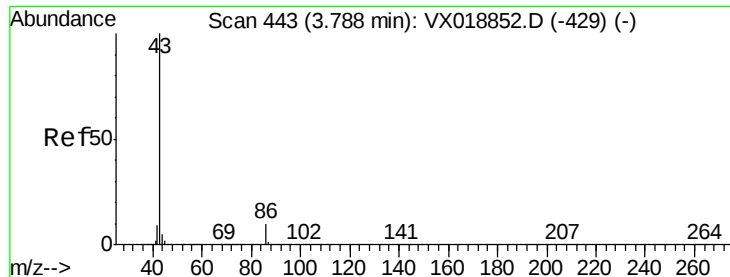
Delta R.T. 0.00 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Tgt Ion:	45	Resp:	349756
Ion	Ratio	Lower	Upper
45	100		
43	76.5	71.2	106.8
87	29.3	22.5	33.7
59	11.7	9.2	13.8





#23

Vinyl Acetate

Concen: 231.435 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MS

Tot Ion: 43 Resp: 1581459

Ion Ratio Lower Upper

43 100

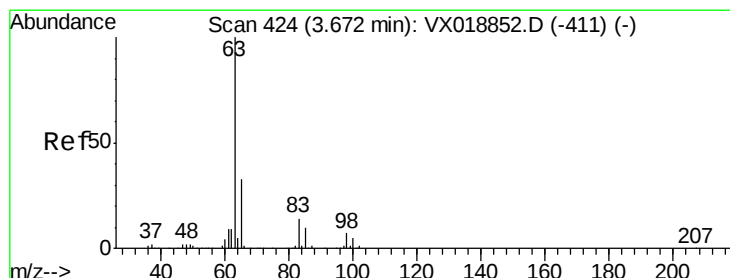
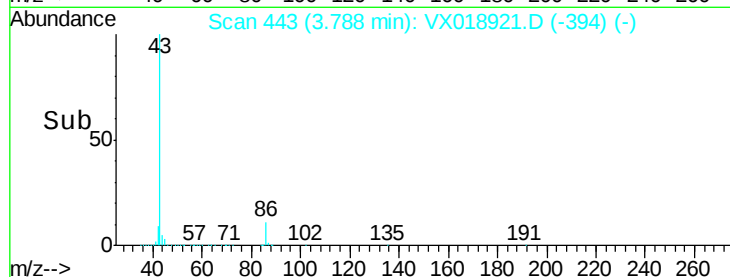
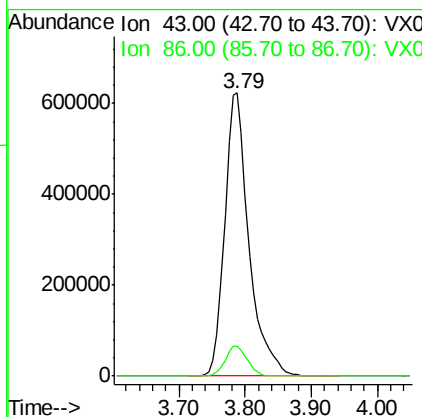
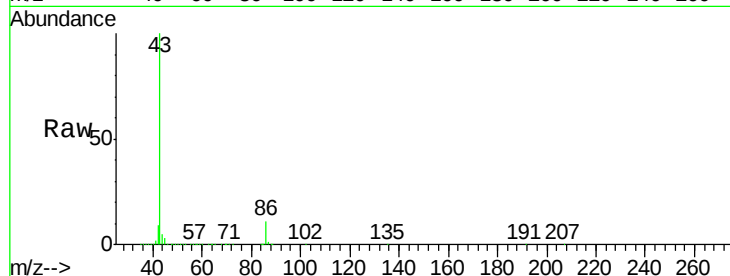
86 10.8 8.3 12.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.252 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

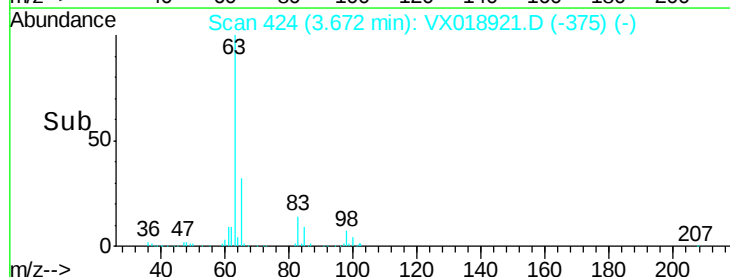
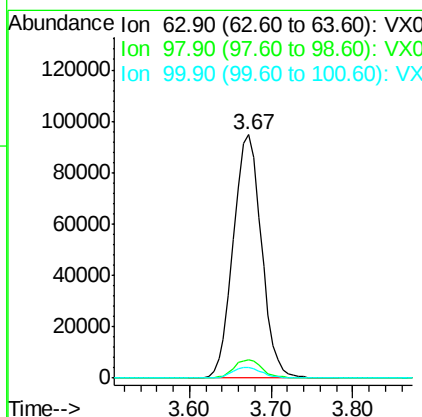
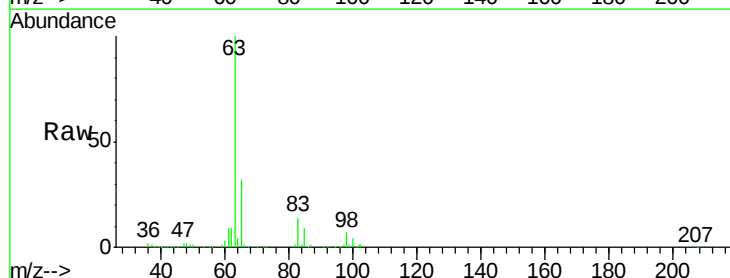
Tgt Ion: 63 Resp: 225722

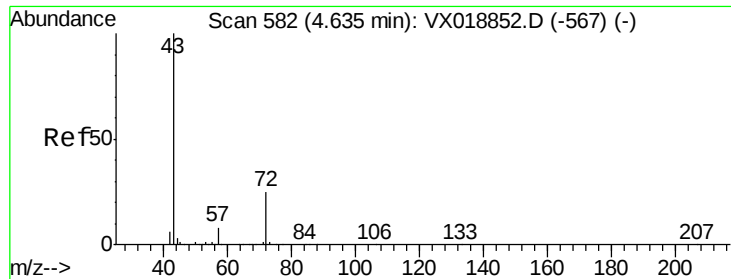
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.2

100 4.4 2.5 7.6





#25

2-Butanone

Concen: 240.115 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MS

Tot Ion: 43 Resp: 454784

Ion Ratio Lower Upper

43 100

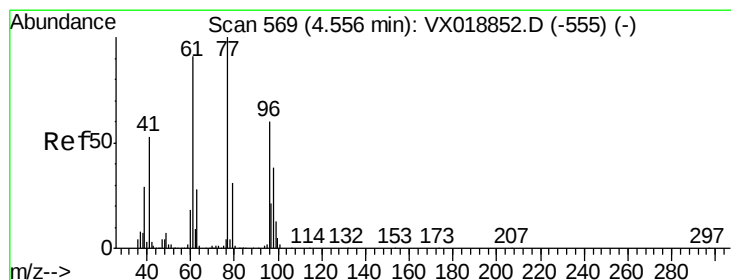
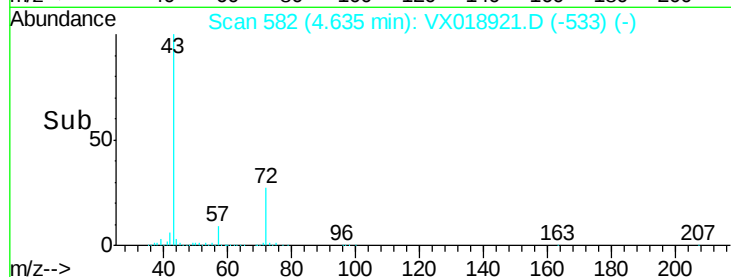
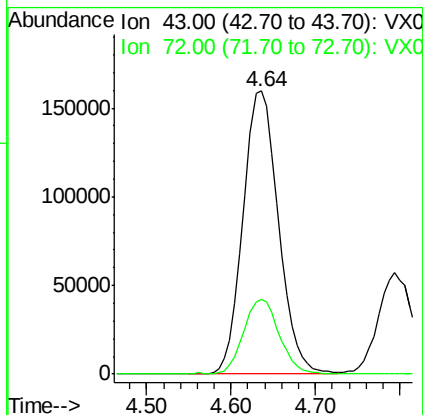
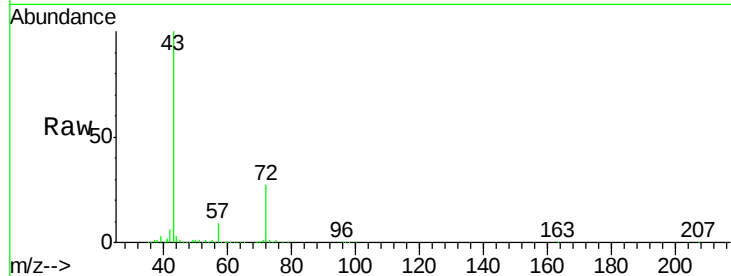
72 26.5 20.2 30.4

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#26

2,2-Dichloropropane

Concen: 37.152 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018921.D

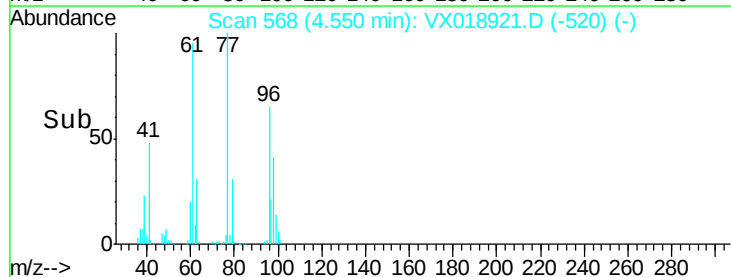
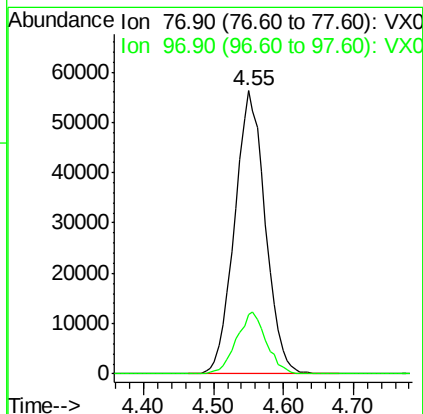
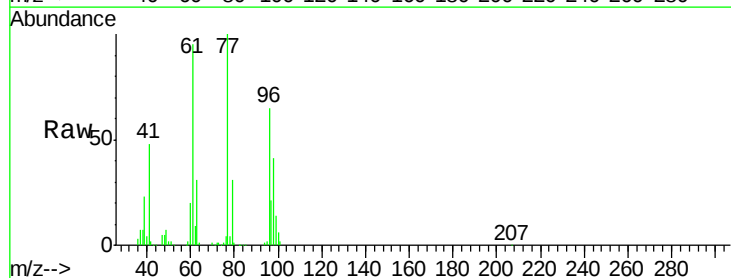
Acq: 12 Oct 2020 22:03

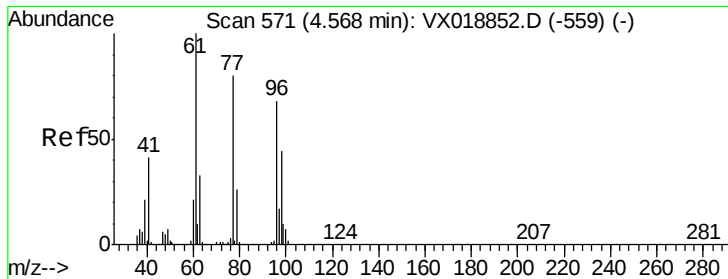
Tgt Ion: 77 Resp: 171236

Ion Ratio Lower Upper

77 100

97 21.5 10.4 31.4





#27

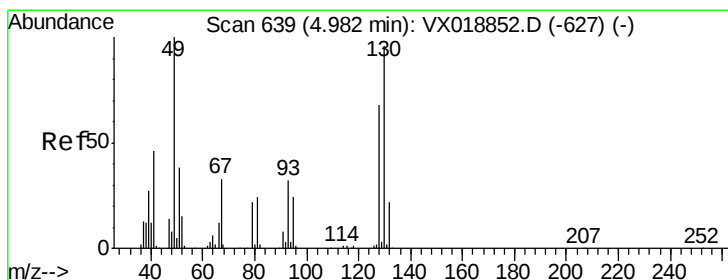
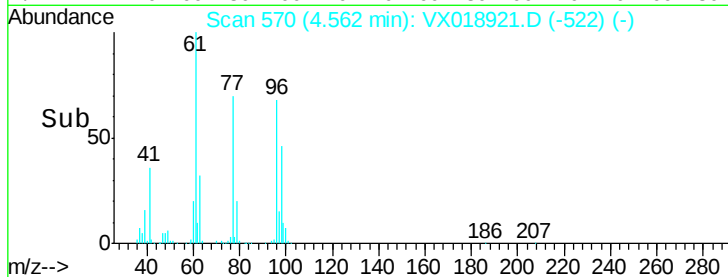
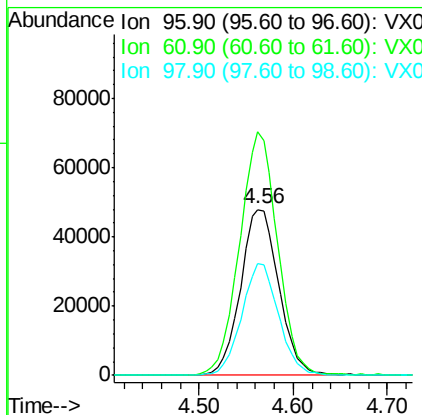
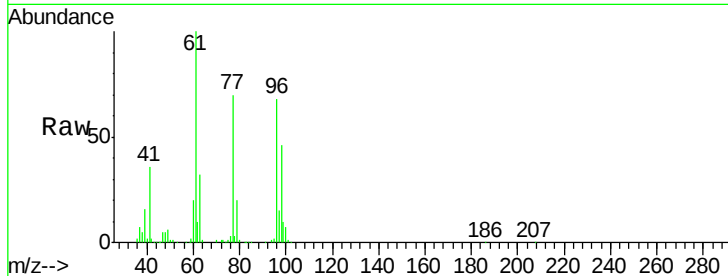
cis-1,2-Dichloroethene
Concen: 48.144 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	135782		
61	146.5	0.0	306.8	
98	65.4	0.0	130.2	

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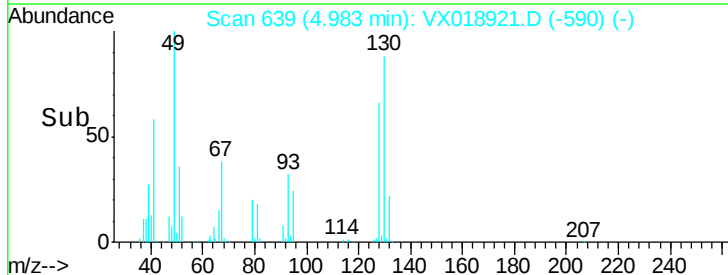
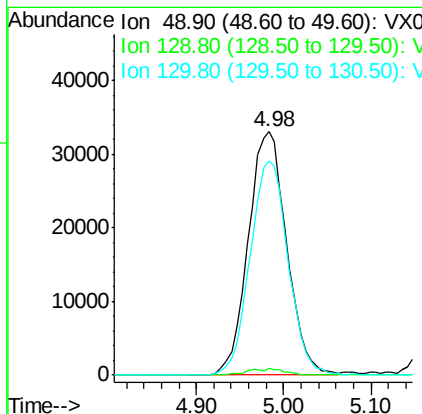
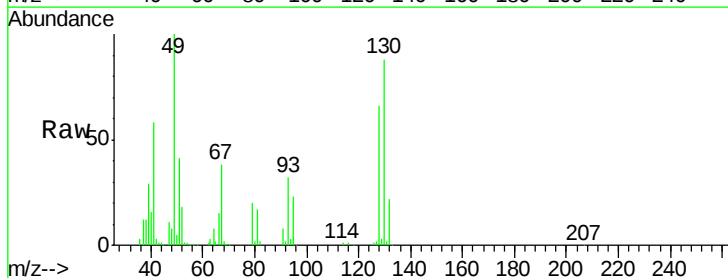
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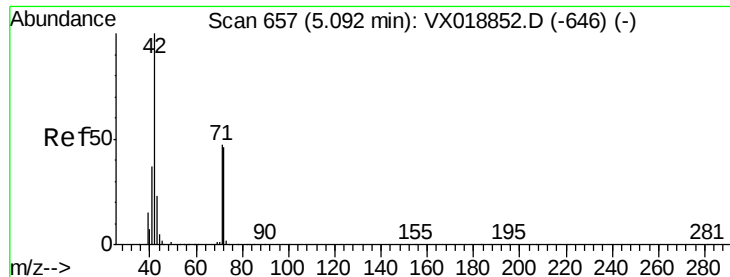


#28

Bromochloromethane
Concen: 47.781 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	100662		
129	2.5	0.0	5.4	
130	87.0	71.2	106.8	





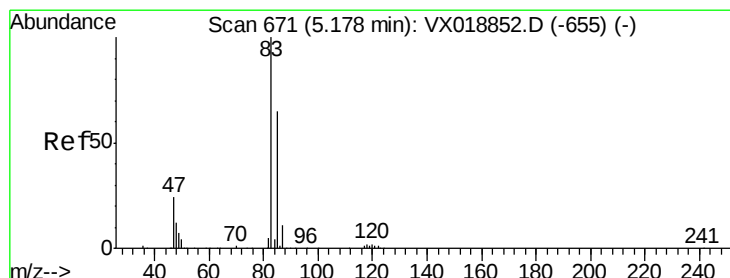
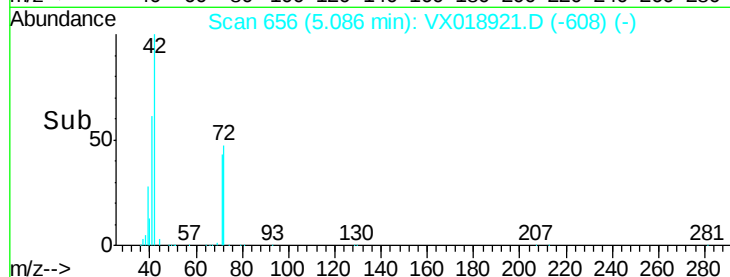
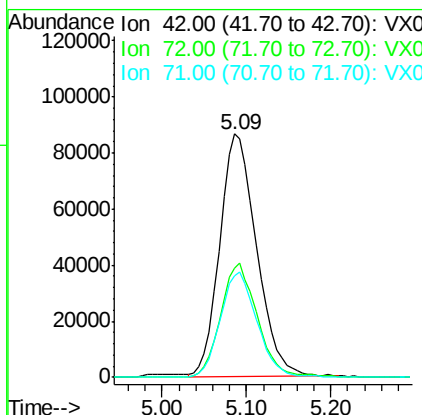
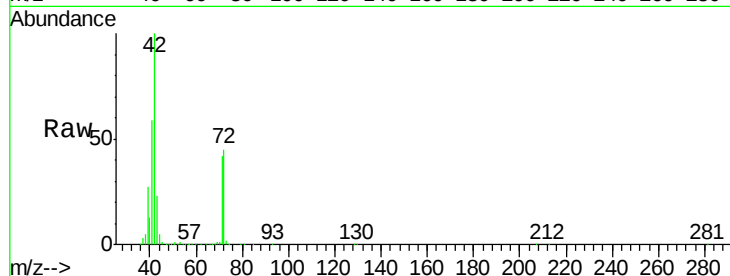
#29
Tetrahydrofuran
Concen: 254.509 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.0	36.4	54.6
71	43.3	35.2	52.8

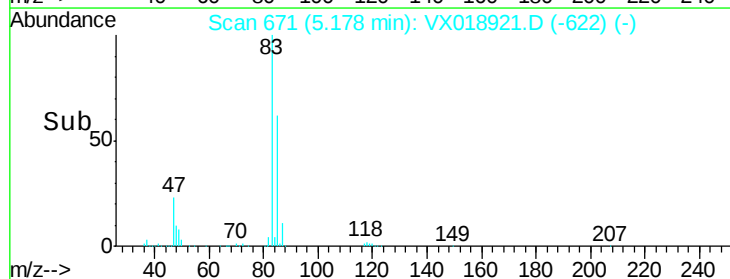
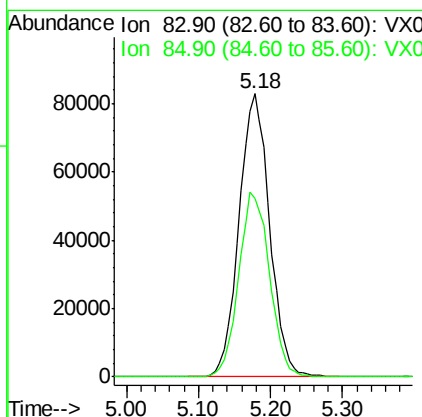
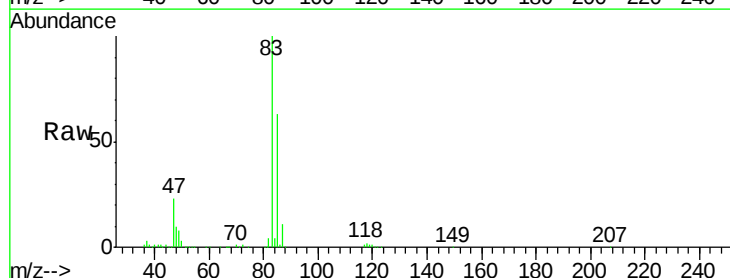
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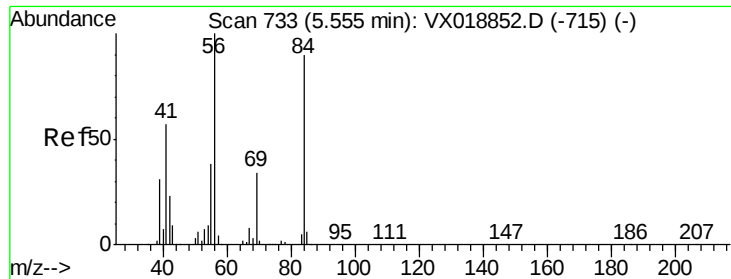
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#30
Chloroform
Concen: 46.488 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.8	77.8





#31

Cyclohexane

Concen: 49.705 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Instrument :

MSVOA_X

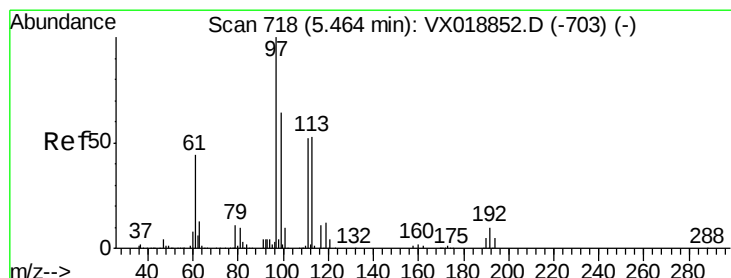
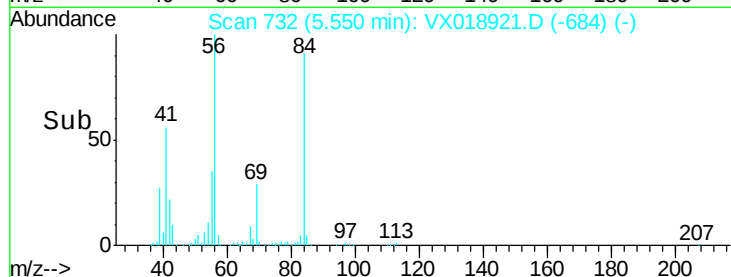
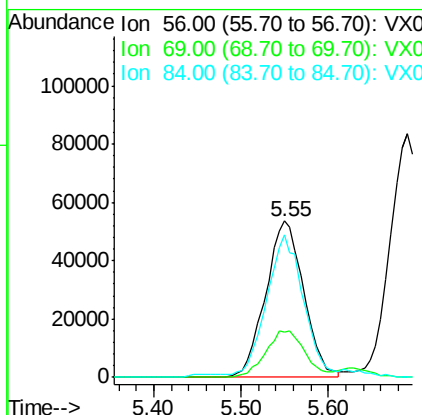
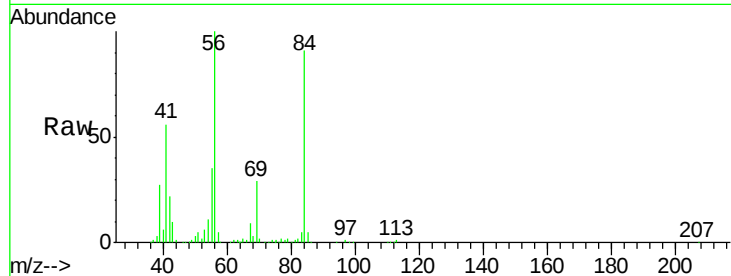
ClientSampleId :

FC-MW07S-20201003MS

Tot Ion:	56	Resp:	162343
Ion	Ratio	Lower	Upper
56	100		
69	29.1	27.1	40.7
84	90.1	71.7	107.5

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#32

1,1,1-Trichloroethane

Concen: 46.054 ug/l

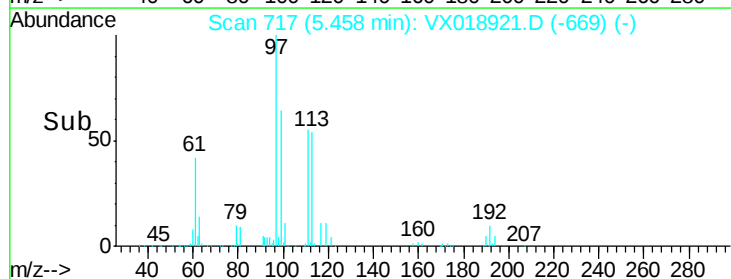
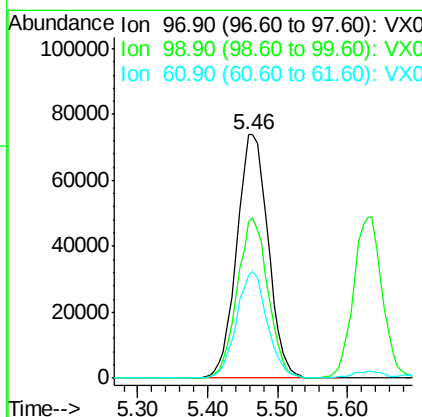
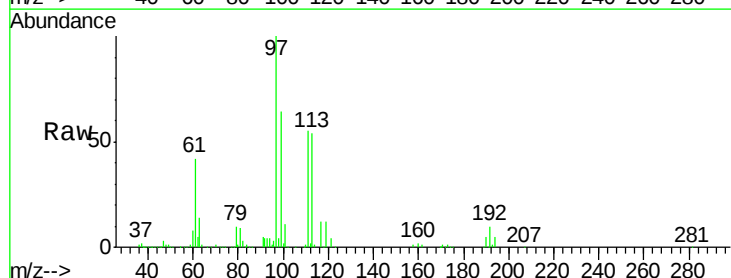
RT: 5.46 min Scan# 717

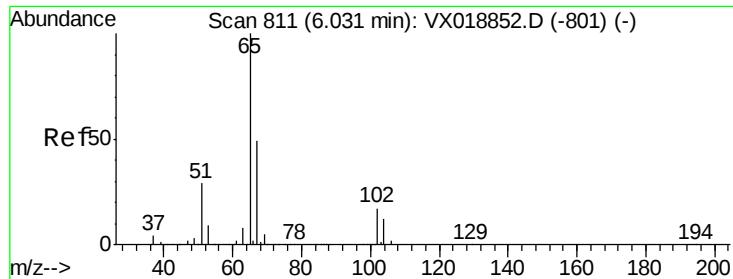
Delta R.T. -0.01 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Tgt Ion:	97	Resp:	230343
Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.1	78.1
61	42.8	35.3	52.9





#33

1,2-Dichloroethane-d4

Concen: 45.353 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MS

Tot Ion: 65 Resp: 158592

Ion Ratio Lower Upper

65 100

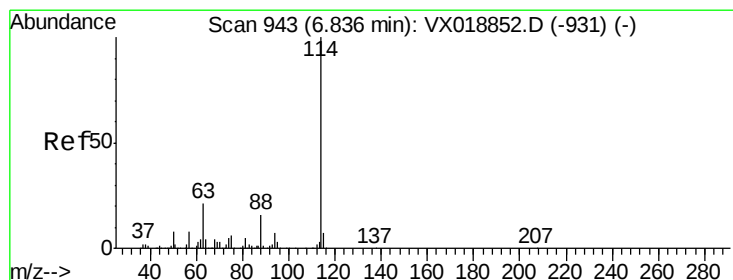
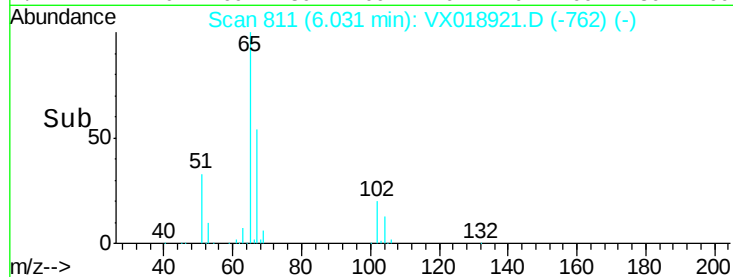
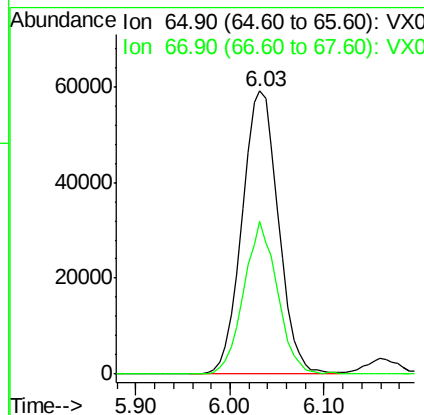
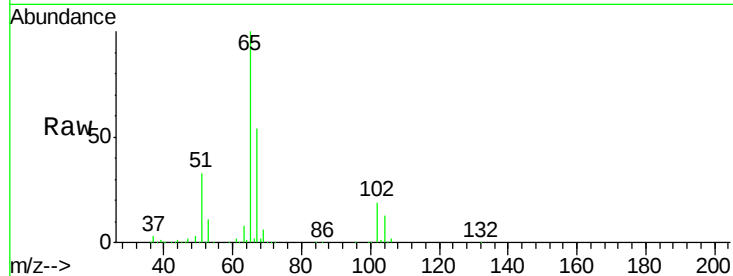
67 50.1 0.0 97.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

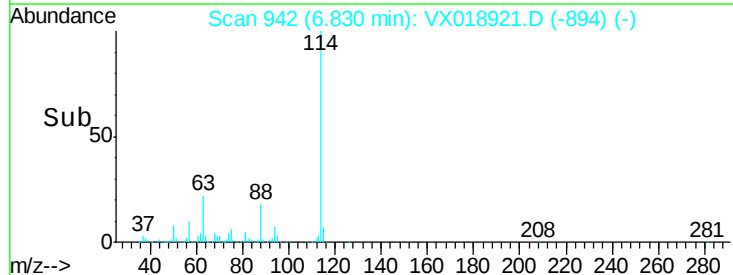
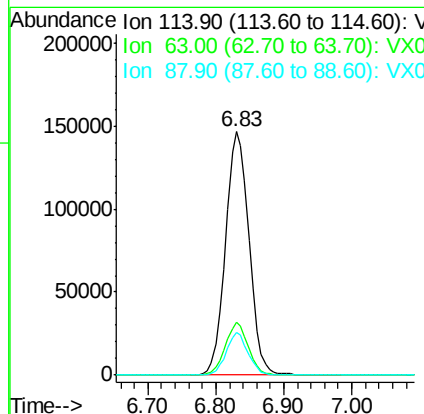
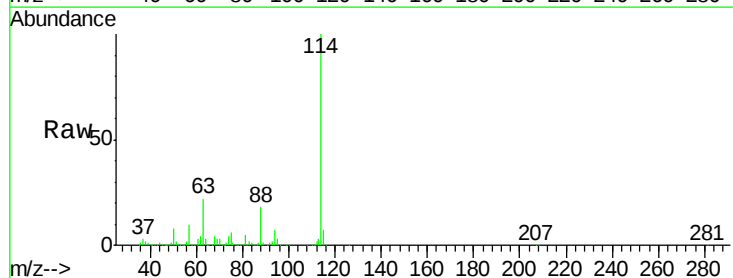
Tgt Ion: 114 Resp: 350233

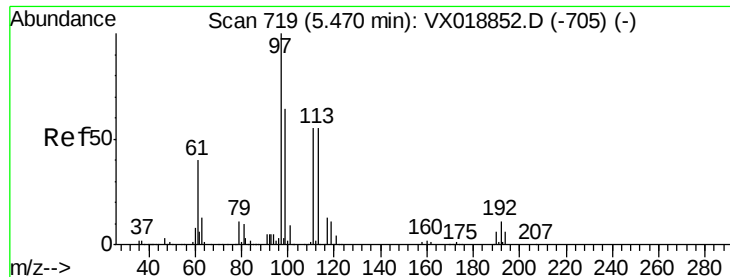
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.4

88 17.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.042 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Instrument :

MSVOA_X

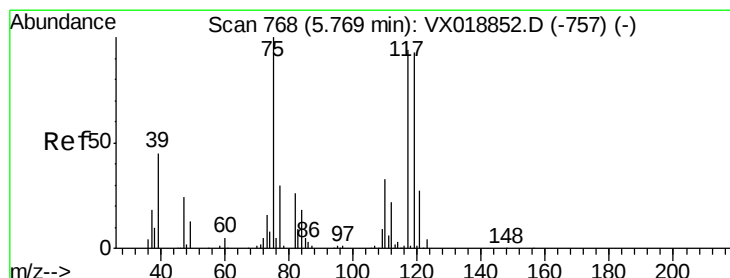
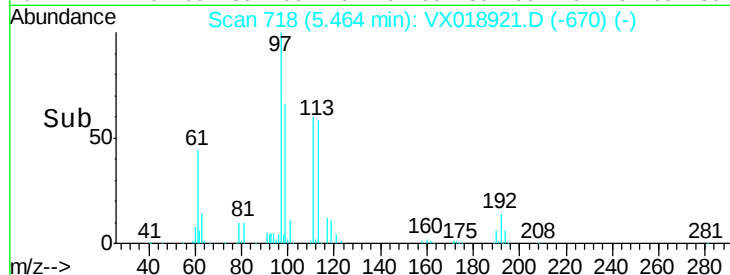
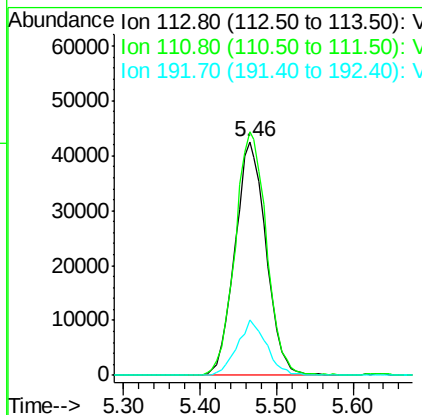
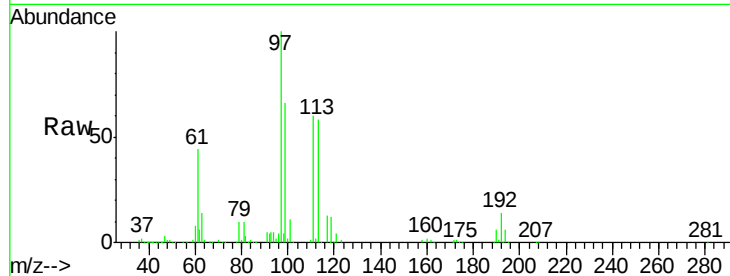
ClientSampleId :

FC-MW07S-20201003MS

Tot Ion:	113	Resp:	119912
Ion Ratio	Lower	Upper	
113	100		
111	105.0	80.1	120.1
192	22.3	16.0	24.0

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#36

1,1-Dichloropropene

Concen: 47.021 ug/l

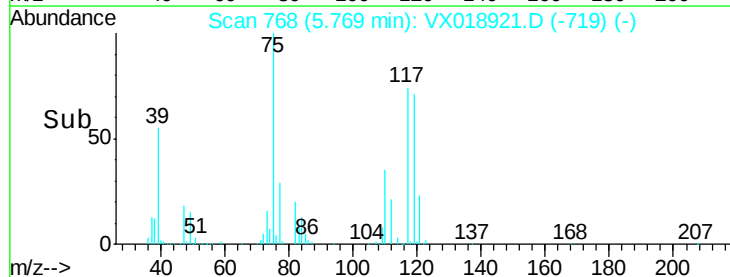
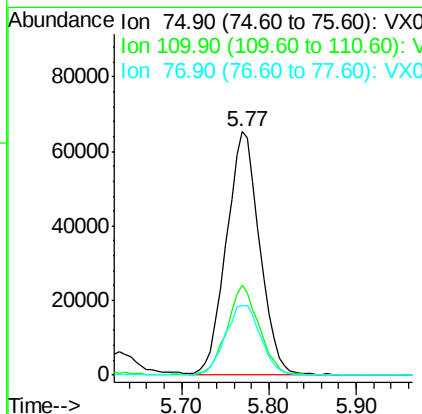
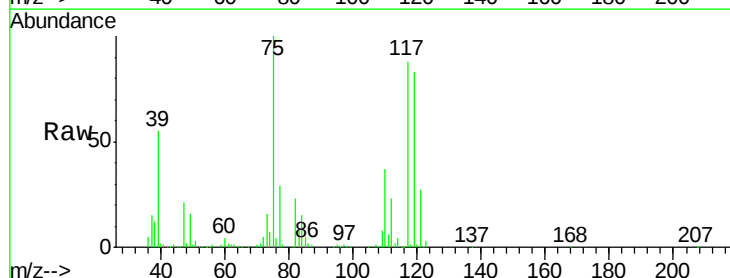
RT: 5.77 min Scan# 768

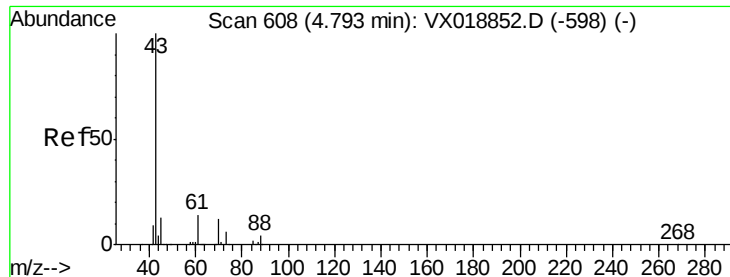
Delta R.T. 0.00 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Tgt Ion:	75	Resp:	173147
Ion Ratio	Lower	Upper	
75	100		
110	35.5	17.8	53.5
77	30.4	24.2	36.4





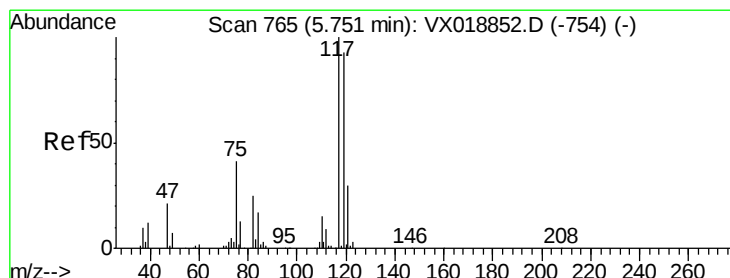
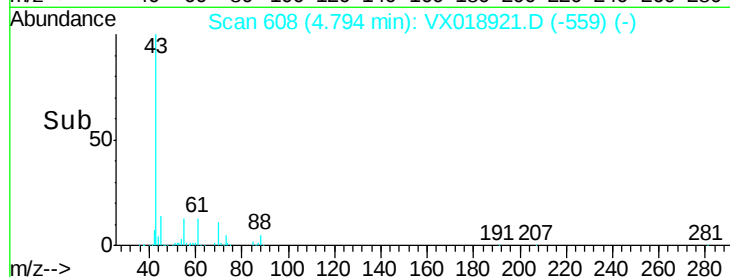
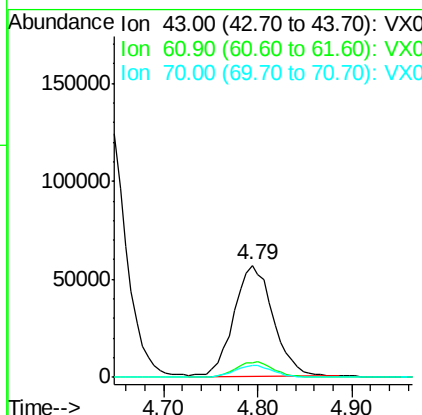
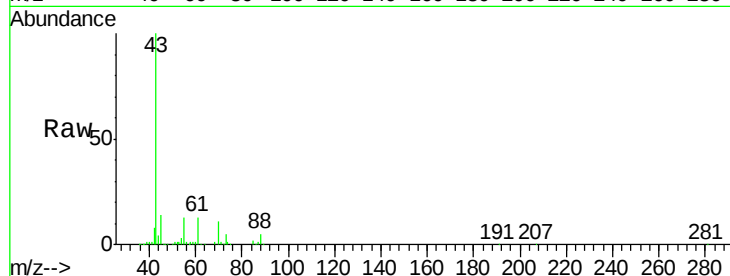
#37
Ethyl Acetate
Concen: 46.158 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MS

Tot Ion:	43	Resp:	164139
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.9	16.3
70	10.9	8.6	13.0

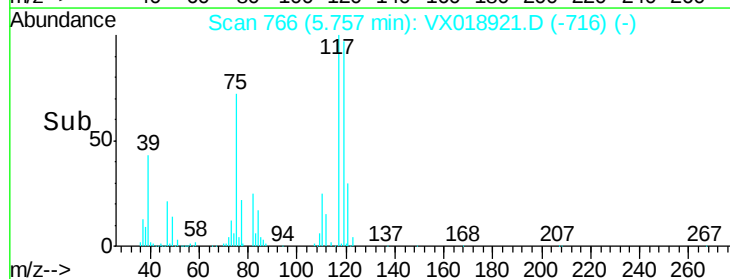
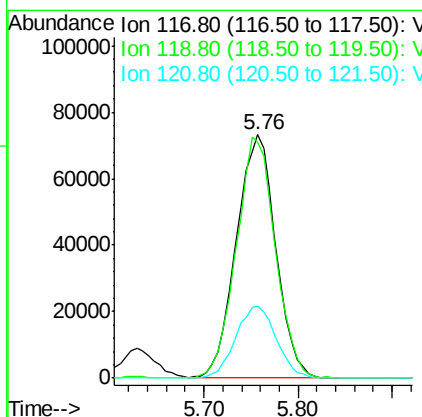
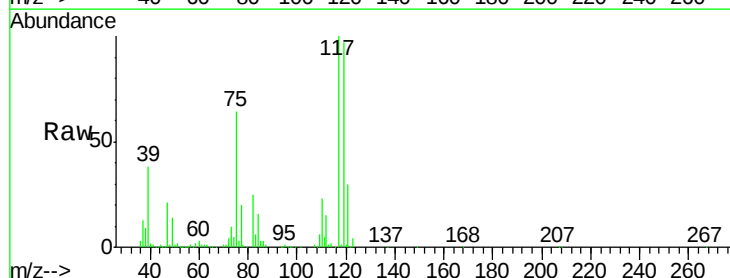
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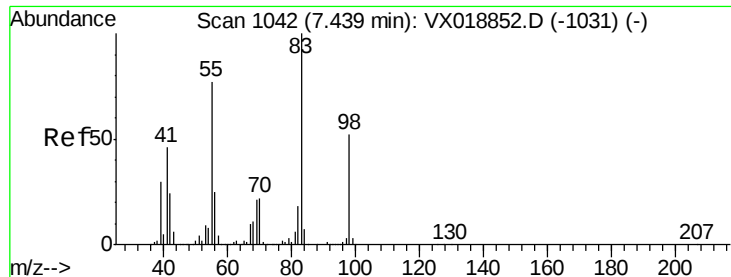
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#38
Carbon Tetrachloride
Concen: 46.917 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Tgt Ion:	117	Resp:	214135
Ion	Ratio	Lower	Upper
117	100		
119	96.7	73.9	110.9
121	29.6	23.6	35.4





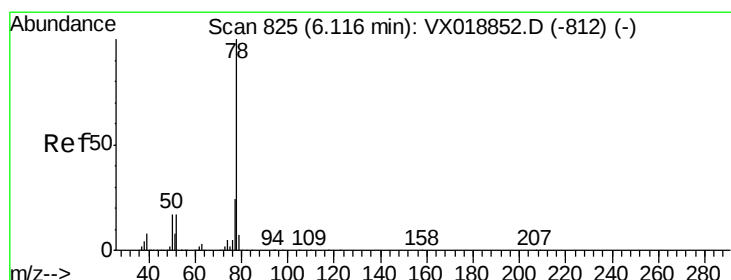
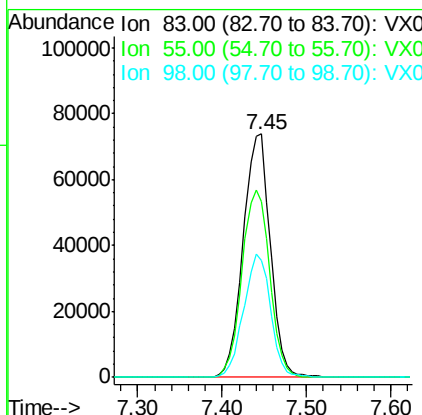
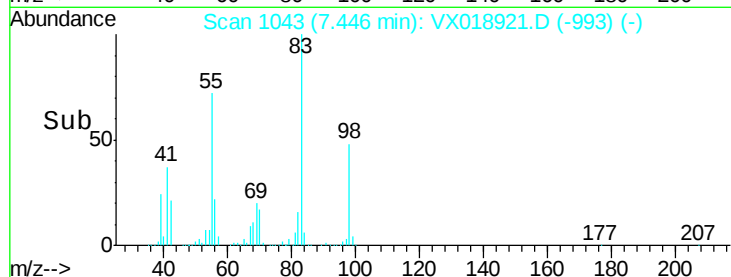
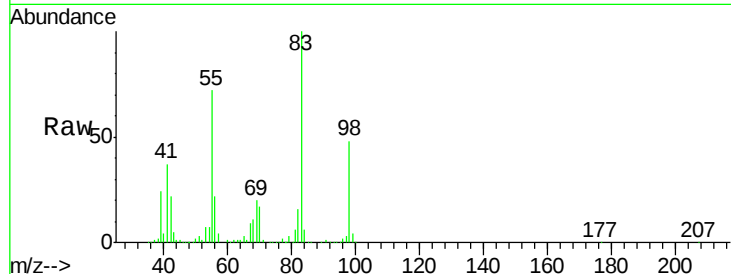
#39
Methvlcvclohexane
Concen: 47.570 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	161474		
55	72.3		61.8	92.6
98	48.3		41.4	62.0

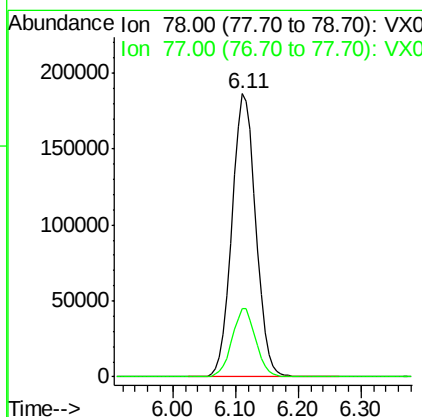
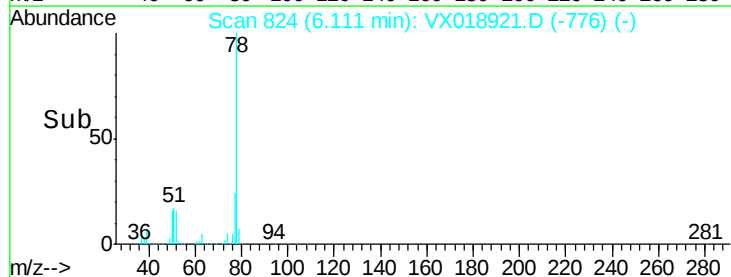
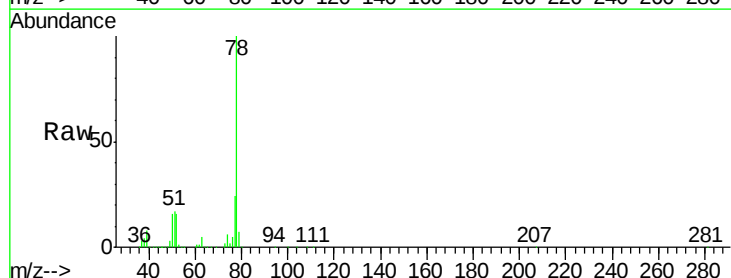
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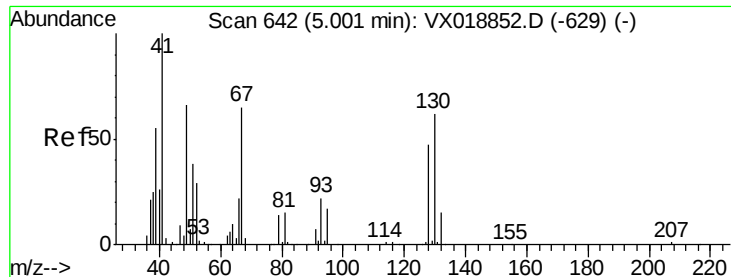
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#40
Benzene
Concen: 49.562 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	490318		
77	24.2		19.1	28.7





#41

Methacrylonitrile

Concen: 48.306 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.00 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Instrument :

MSVOA_X

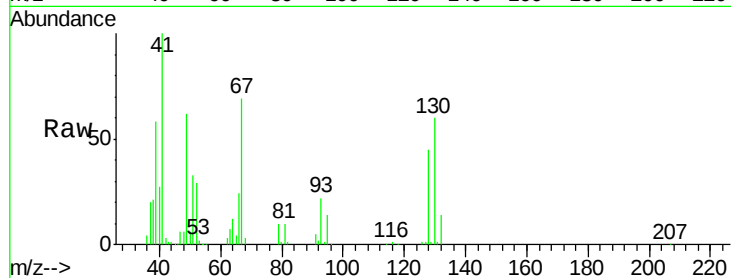
ClientSampleId :

FC-MW07S-20201003MS

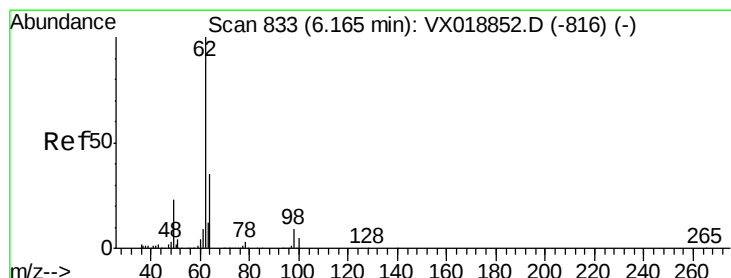
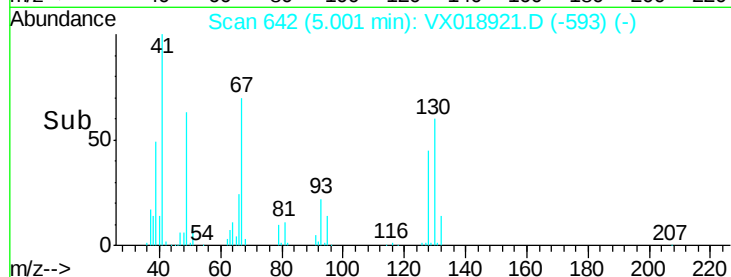
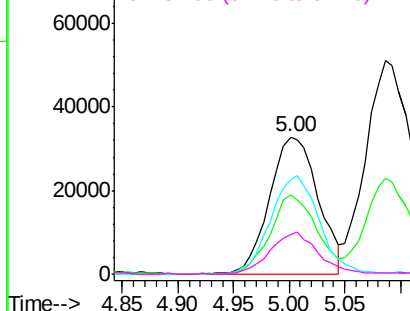
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.6	45.4	68.2	
67	72.1	55.4	83.2	
52	30.7	23.8	35.8	

Manual Integrations
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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: 46.063 ug/l

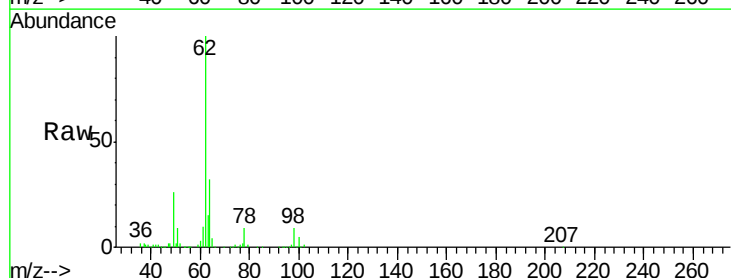
RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

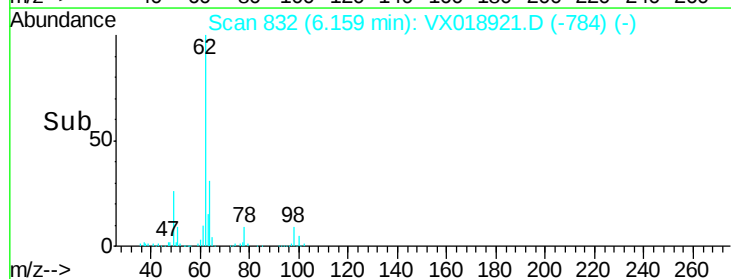
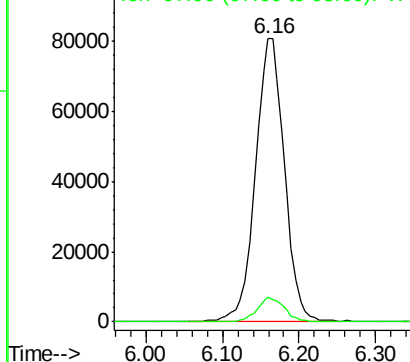
Lab File: VX018921.D

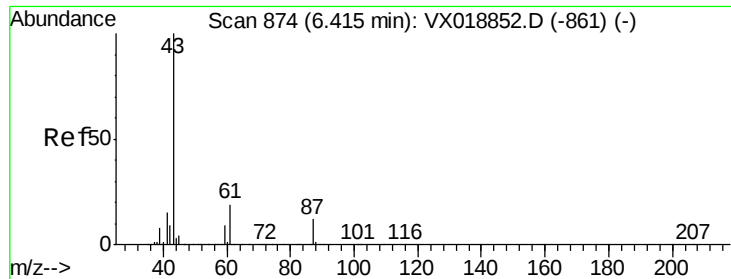
Acq: 12 Oct 2020 22:03

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	0.0	16.4	



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

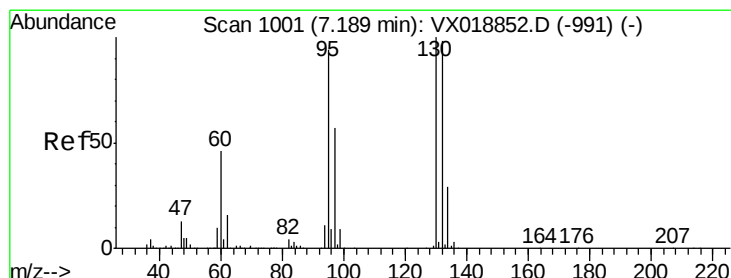
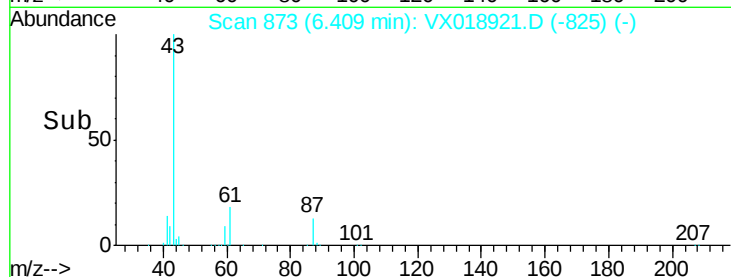
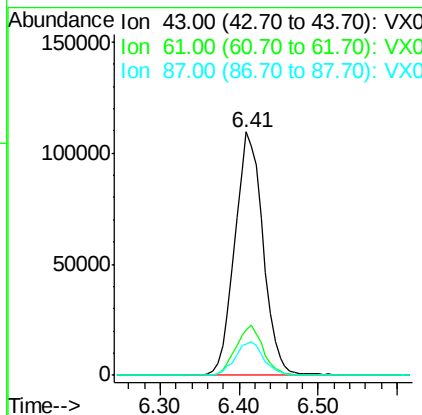
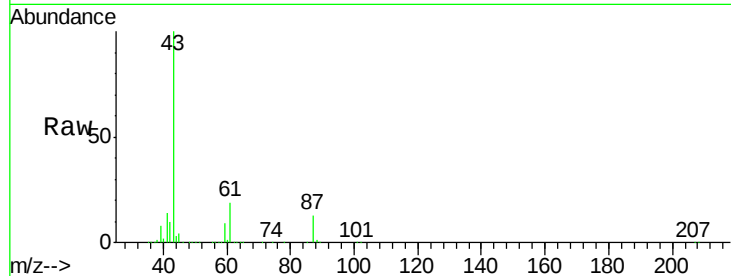
Isopropyl Acetate
 Concen: 45.930 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018921.D
 Acq: 12 Oct 2020 22:03

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.5	23.3
87	13.9	10.8	16.2

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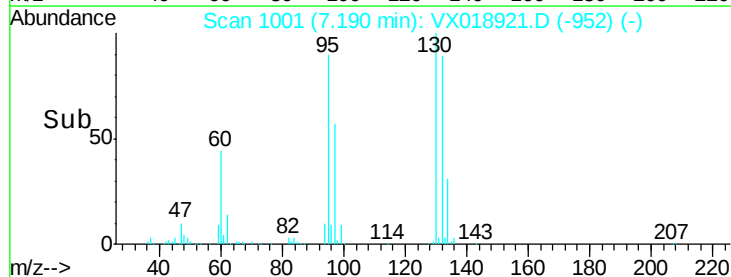
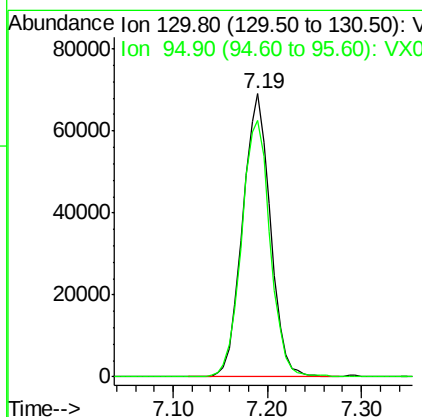
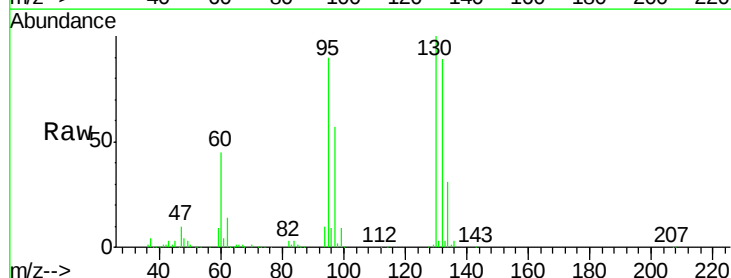
MMDadoda
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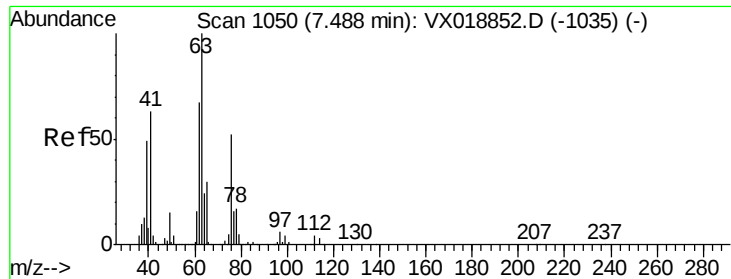


#44

Trichloroethene
 Concen: 48.012 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018921.D
 Acq: 12 Oct 2020 22:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	188.4





#45

1,2-Dichloropropane

Concen: 50.298 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MS

Tot Ion: 63 Resp: 131666

Ion Ratio Lower Upper

63 100

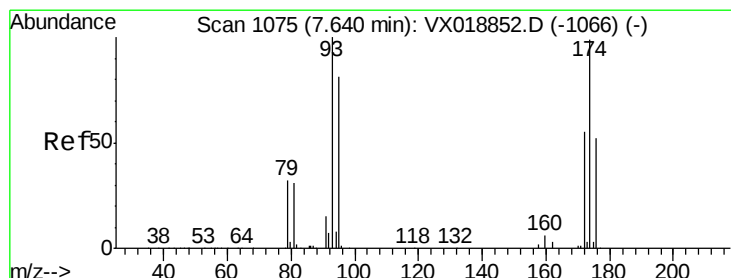
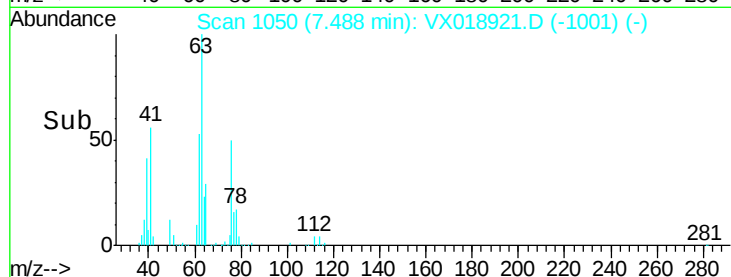
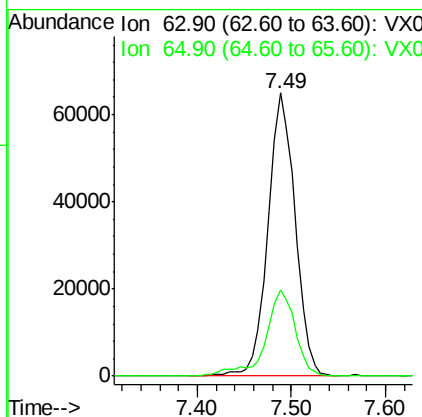
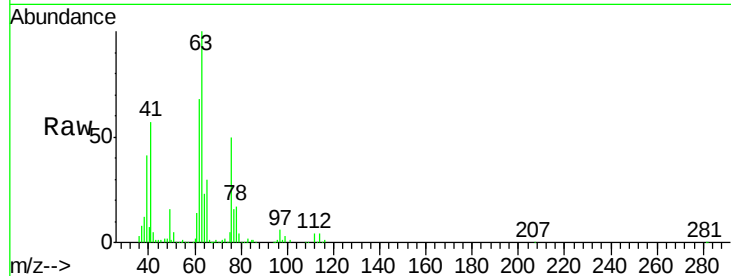
65 30.4 24.2 36.4

Manual Integrations

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#46

Dibromomethane

Concen: 47.890 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

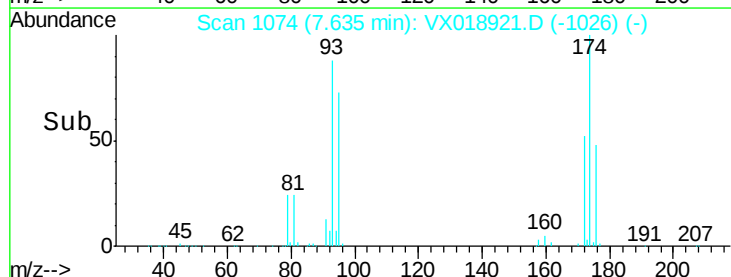
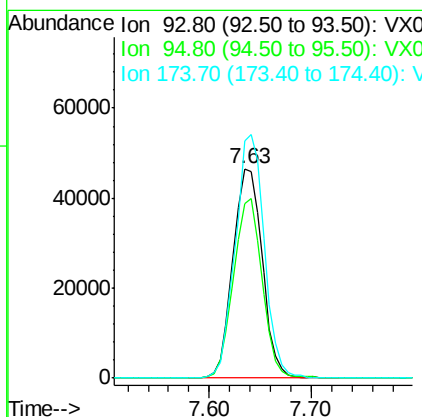
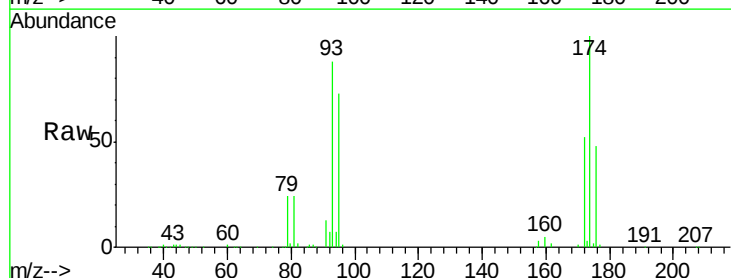
Tgt Ion: 93 Resp: 92643

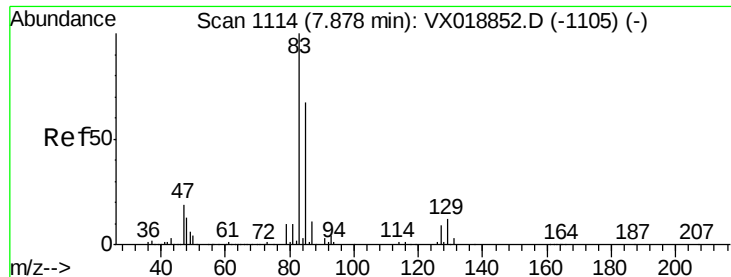
Ion Ratio Lower Upper

93 100

95 84.0 66.1 99.1

174 114.8 84.6 127.0





#47

Bromodichloromethane

Concen: 47.891 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Instrument :

MSVOA_X

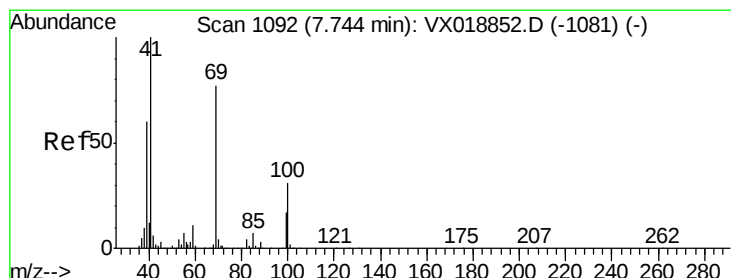
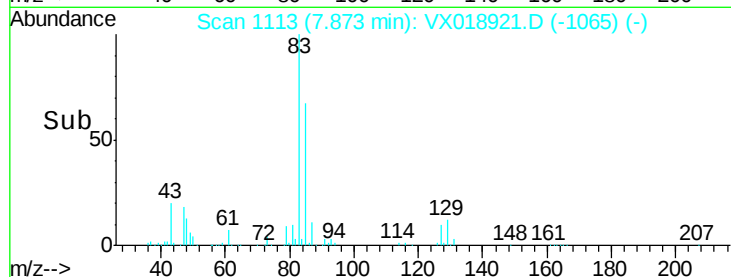
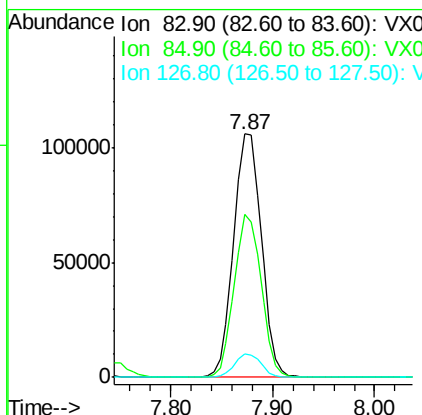
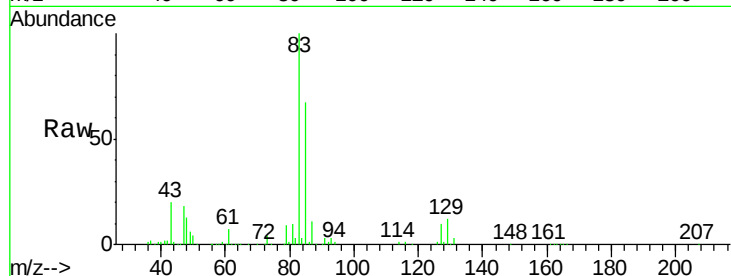
ClientSampleId :

FC-MW07S-20201003MS

Tot Ion	83	Resp	200762
Ion Ratio	Lower	Upper	
83	100		
85	66.8	53.8	80.6
127	9.7	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.032 ug/l

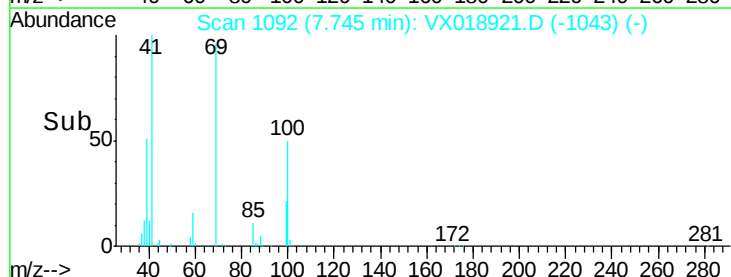
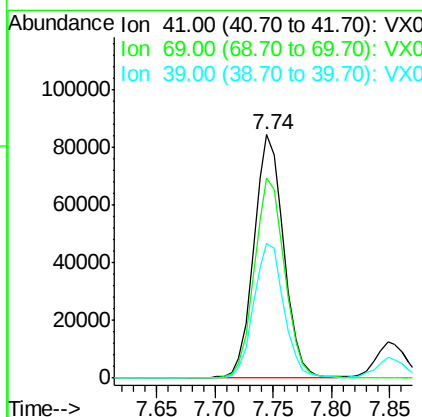
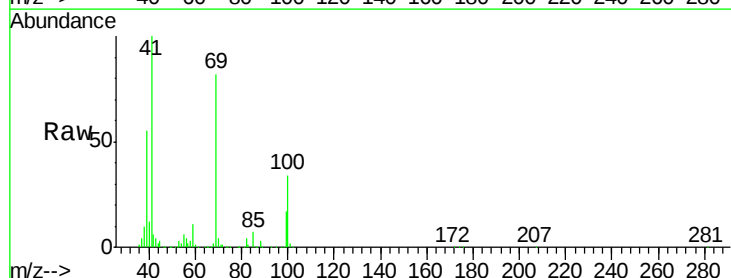
RT: 7.74 min Scan# 1092

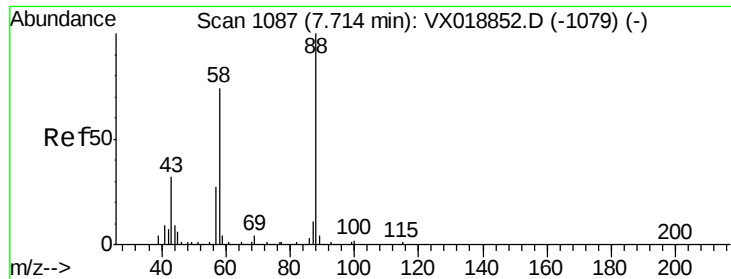
Delta R.T. 0.00 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Tgt Ion	41	Resp	150029
Ion Ratio	Lower	Upper	
41	100		
69	83.8	64.6	97.0
39	55.7	48.6	73.0





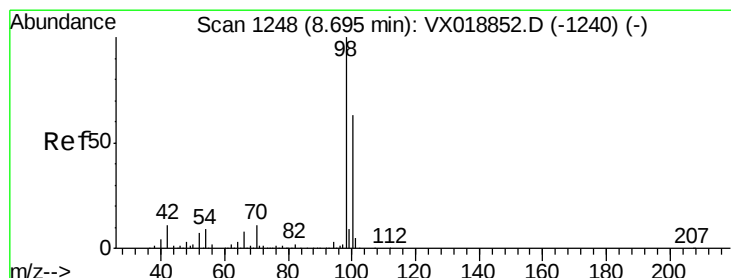
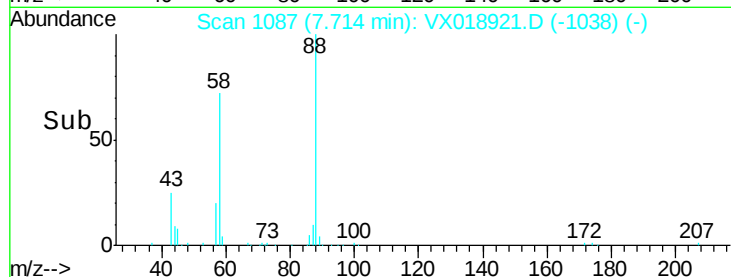
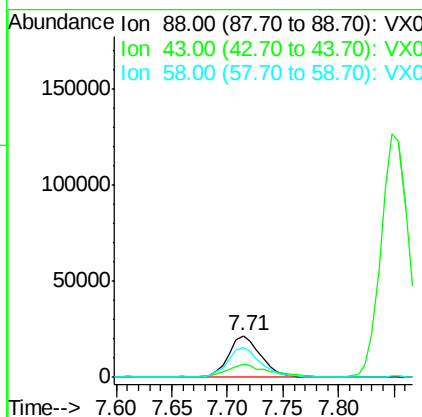
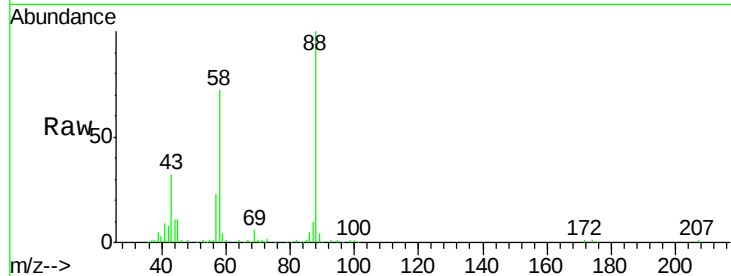
#49
1,4-Dioxane
Concen: 1029.951 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	31.0	46.6
58	75.4	59.3	88.9

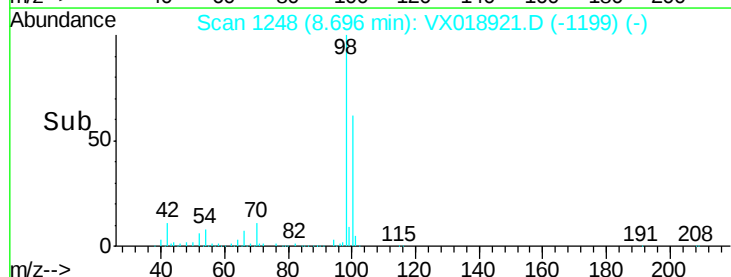
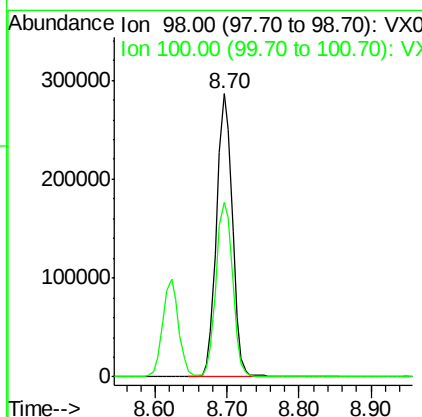
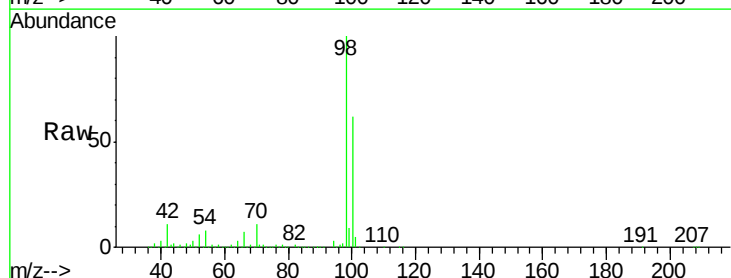
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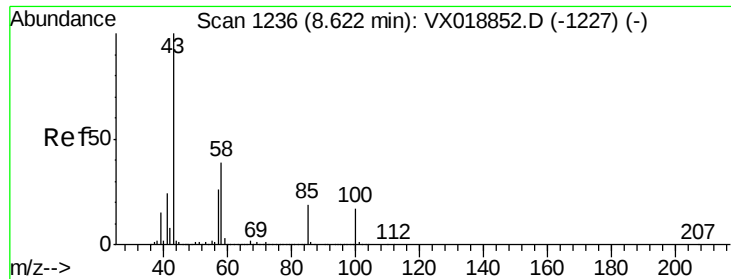
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#50
Toluene-d8
Concen: 50.282 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	53.1	79.7





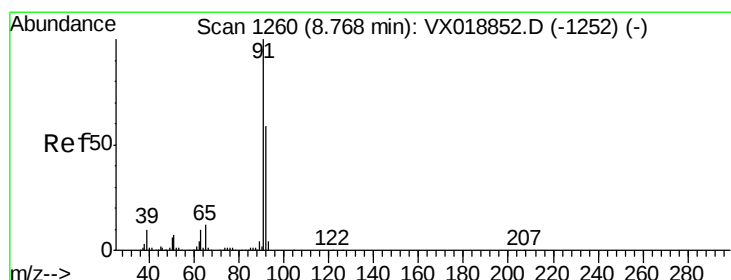
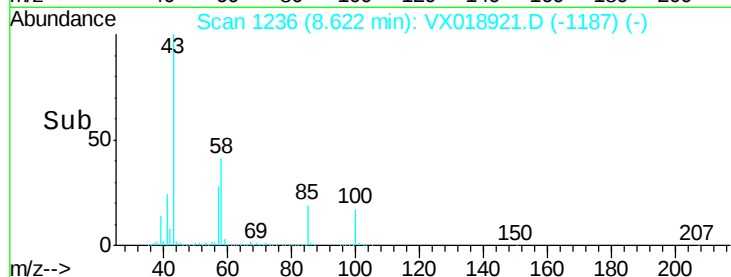
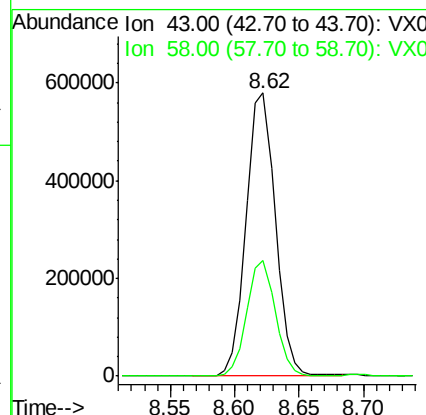
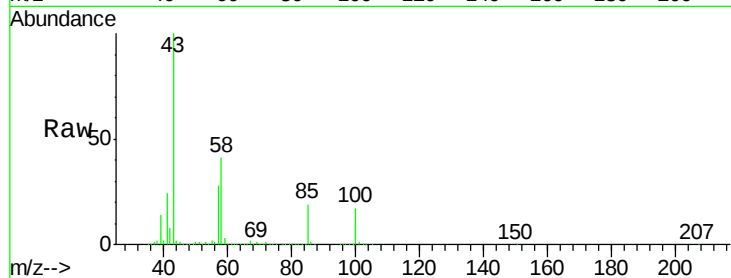
#51
4-Methyl-2-Pentanone
Concen: 263.555 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MS

Tot Ion	43	Resp	909073
Ion Ratio	43	100	
Lower	58	39.8	30.9
Upper			46.3

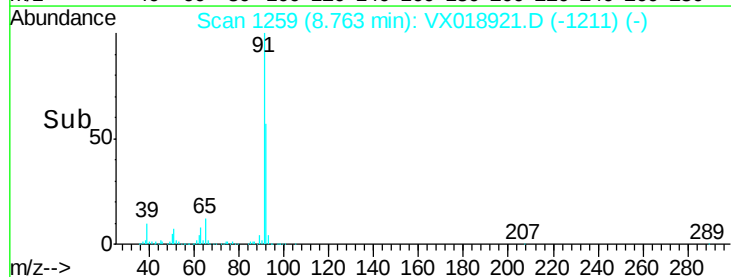
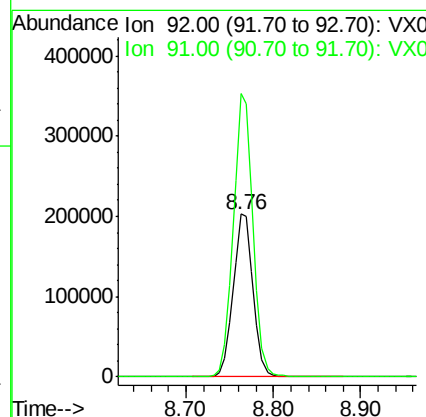
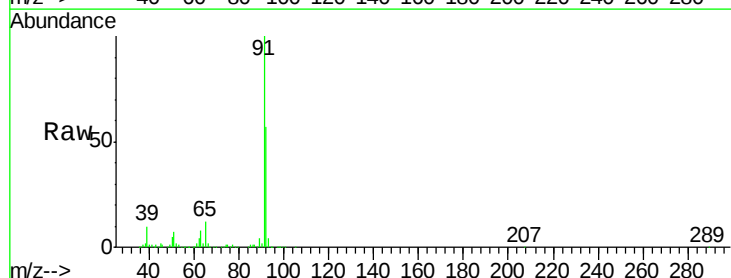
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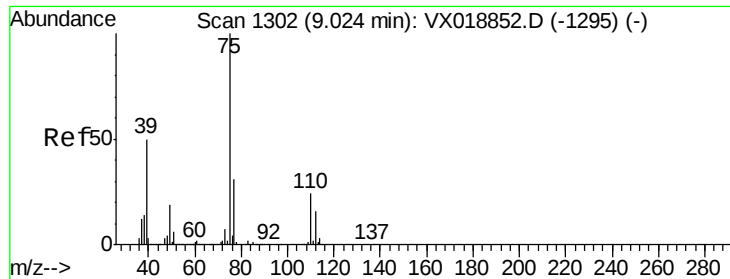
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#52
Toluene
Concen: 50.341 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Tgt Ion	92	Resp	319609
Ion Ratio	92	100	
Lower	91	171.5	138.2
Upper			207.4





#53

t-1,3-Dichloropropene

Concen: 48.080 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MS

Tot Ion: 75 Resp: 208698

Ion Ratio Lower Upper

75 100

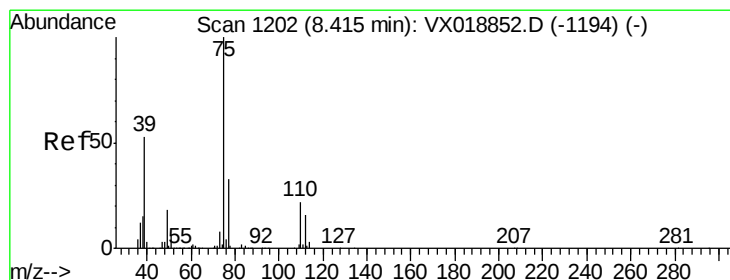
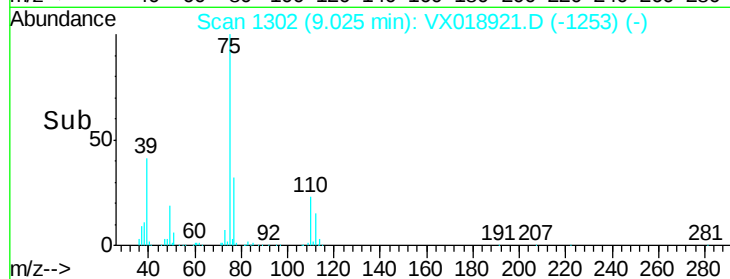
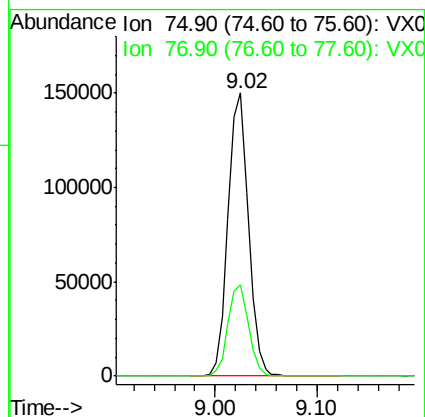
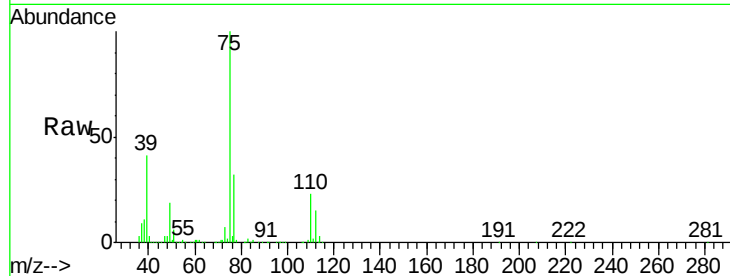
77 32.3 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 46.307 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

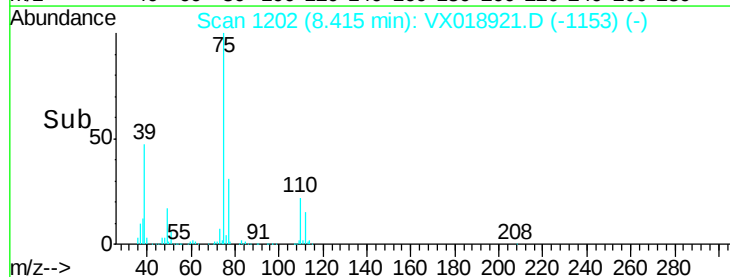
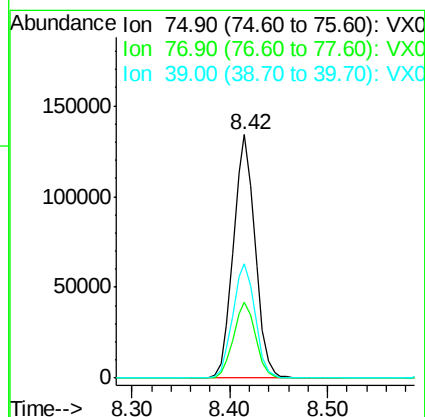
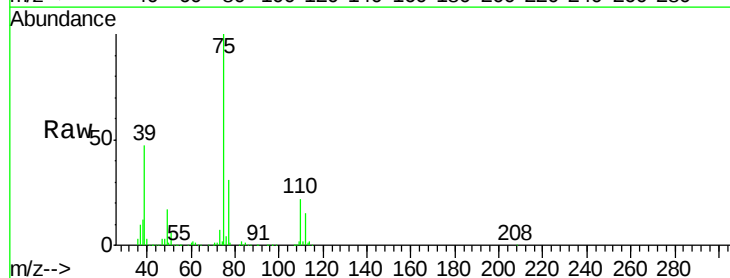
Tgt Ion: 75 Resp: 206770

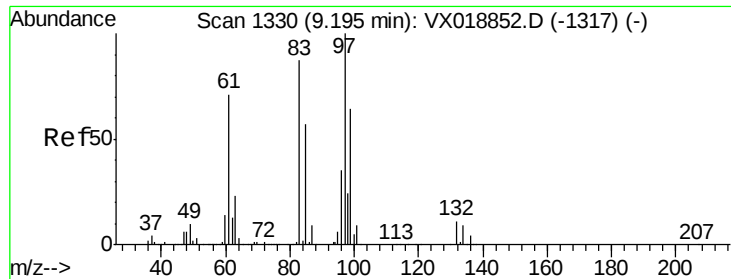
Ion Ratio Lower Upper

75 100

77 31.0 26.6 39.8

39 46.7 42.6 64.0





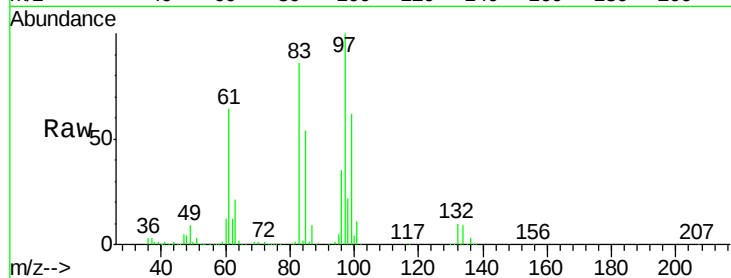
#55
 1,1,2-Trichloroethane
 Concen: 50.027 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018921.D
 Acq: 12 Oct 2020 22:03

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	85.8	69.3	103.9		
85	53.8	45.3	67.9		
99	61.7	51.0	76.6		

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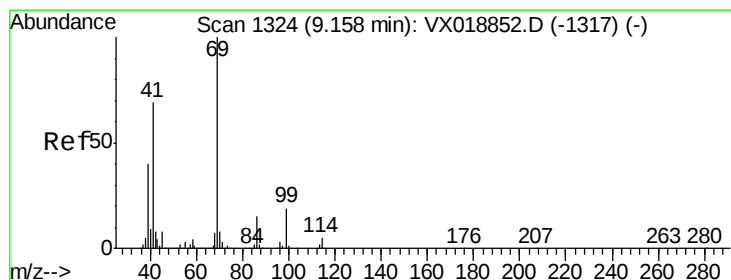
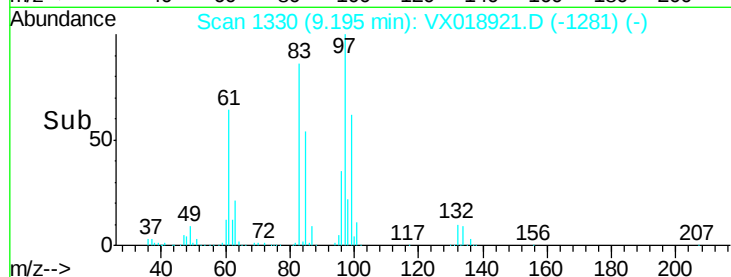
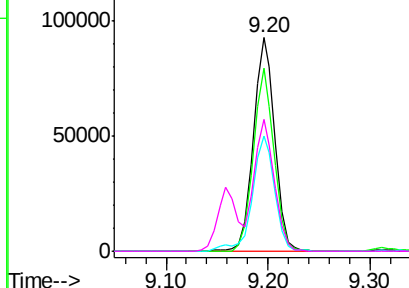


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

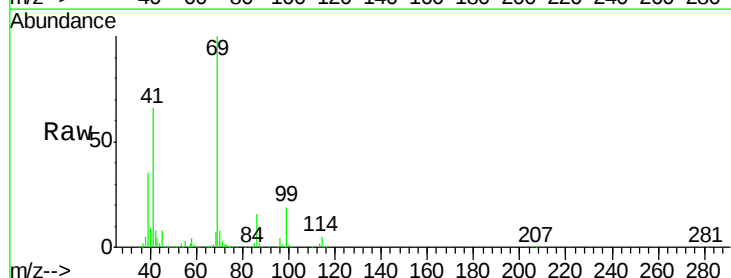
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 48.458 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018921.D
 Acq: 12 Oct 2020 22:03

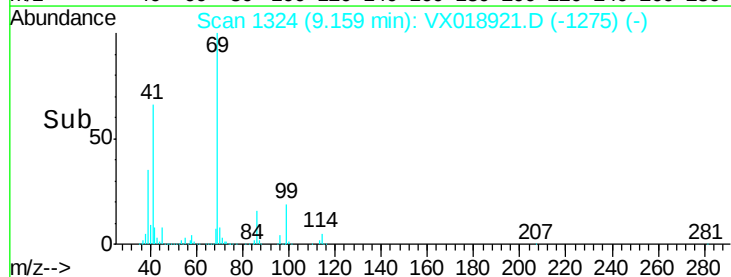
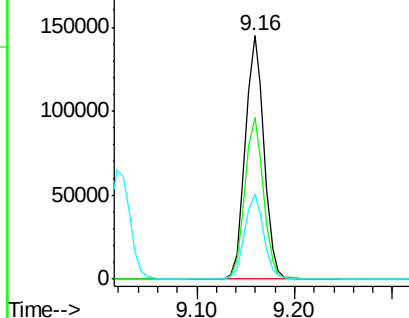
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	66.2	54.6	81.8		
39	35.6	31.5	47.3		

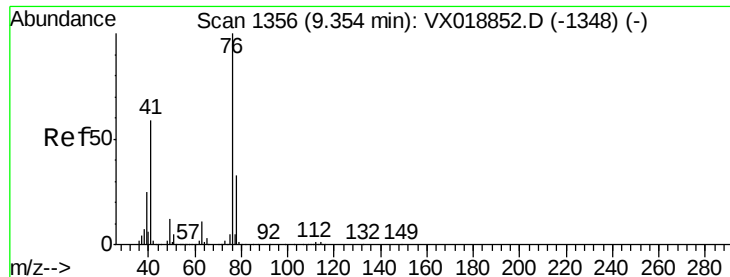


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.661 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MS

Tot Ion: 76 Resp: 224173

Ion Ratio Lower Upper

76 100

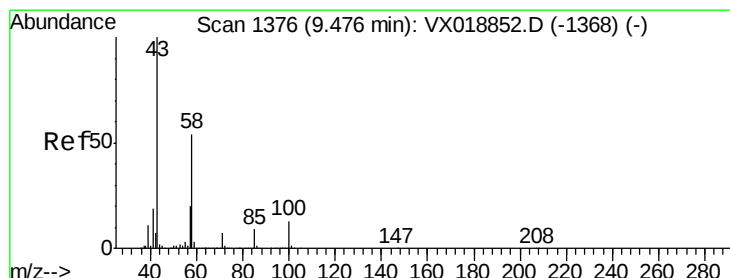
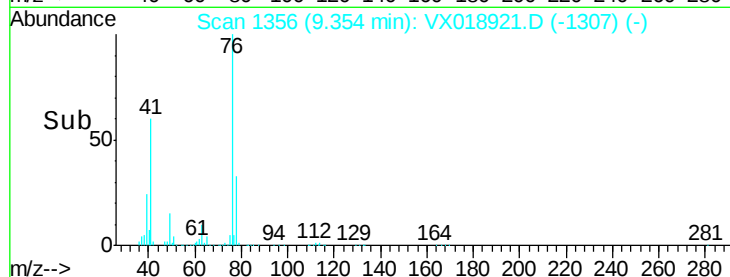
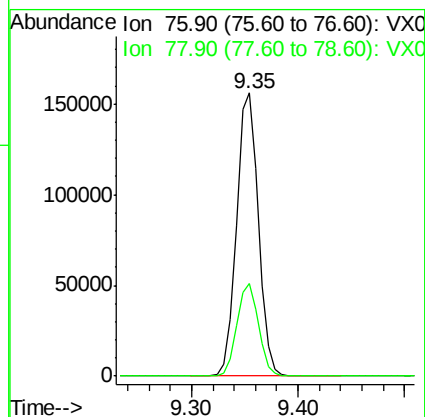
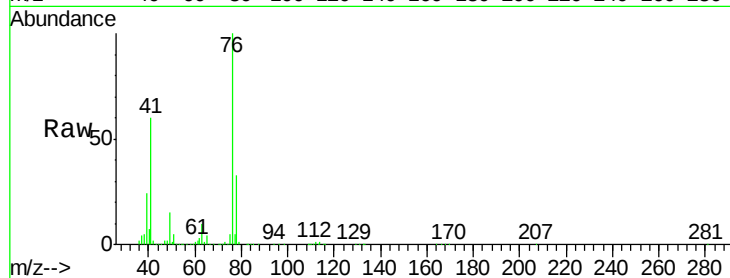
78 32.6 26.2 39.2

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#59

2-Hexanone

Concen: 266.016 ug/l

RT: 9.47 min Scan# 1375

Delta R.T. -0.01 min

Lab File: VX018921.D

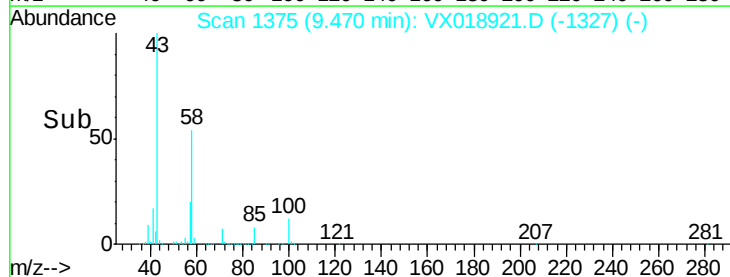
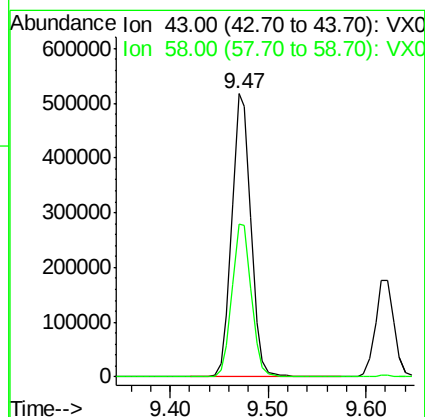
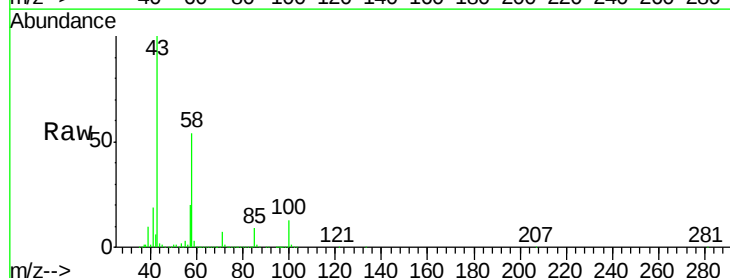
Acq: 12 Oct 2020 22:03

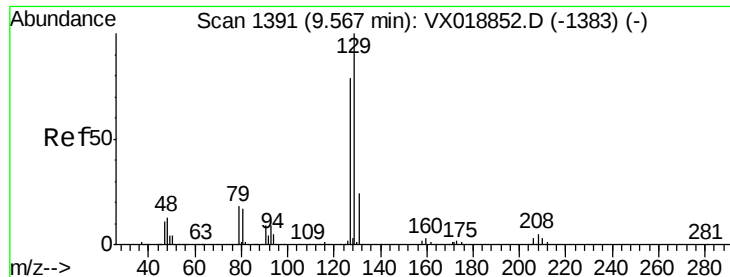
Tgt Ion: 43 Resp: 699076

Ion Ratio Lower Upper

43 100

58 55.0 26.7 80.1





#60

Dibromochloromethane

Concen: 50.631 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MS

Tot Ion:129 Resp: 173325

Ion Ratio Lower Upper

129 100

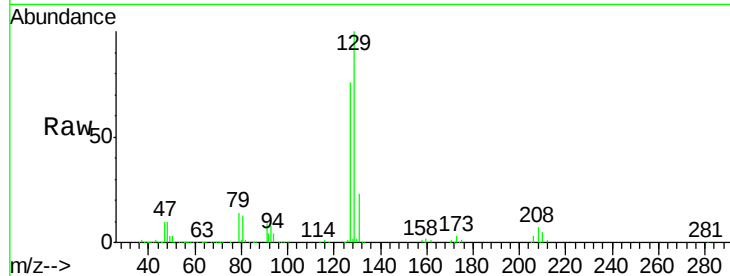
127 76.7 39.5 118.5

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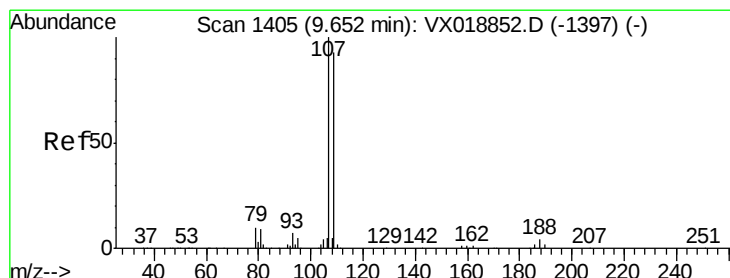
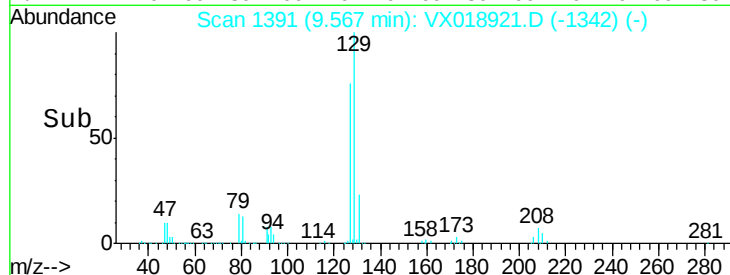
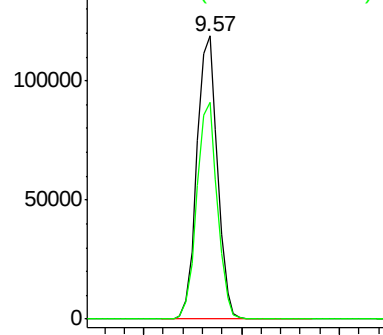
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.656 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018921.D

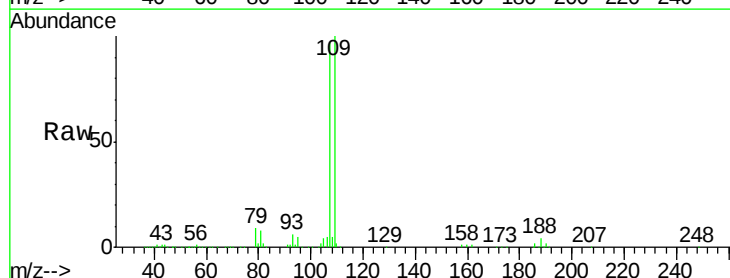
Acq: 12 Oct 2020 22:03

Tgt Ion:107 Resp: 145216

Ion Ratio Lower Upper

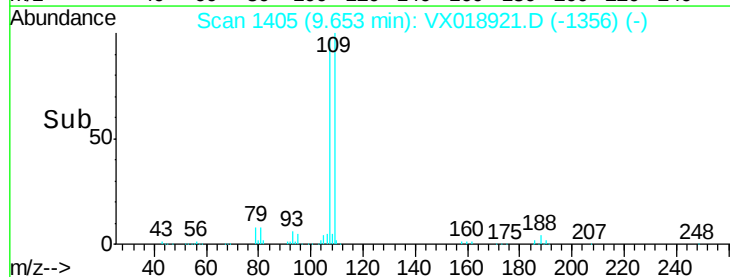
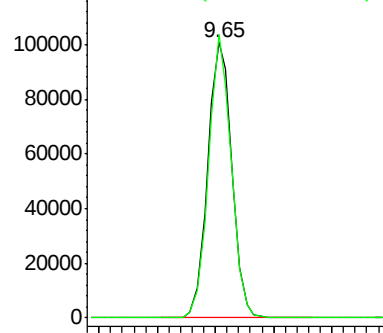
107 100

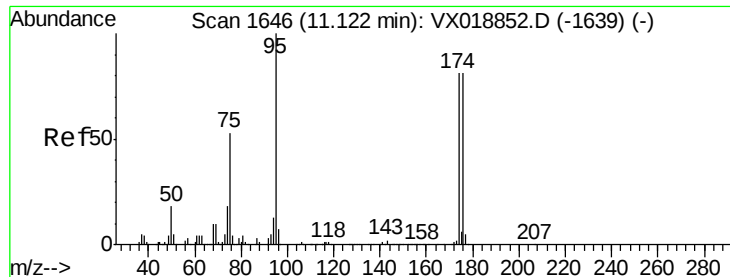
109 96.7 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





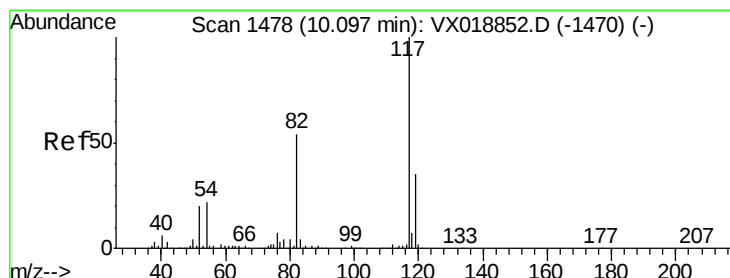
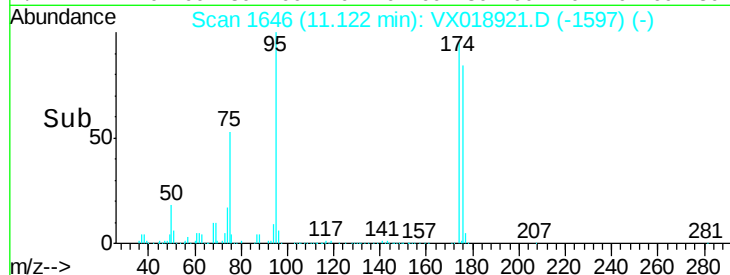
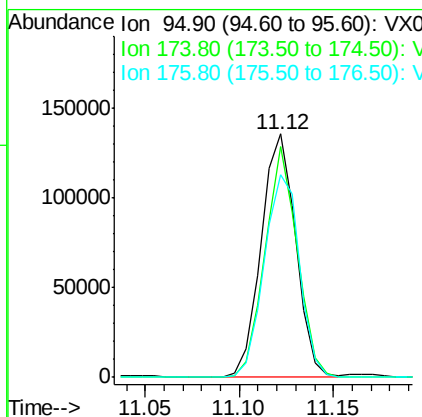
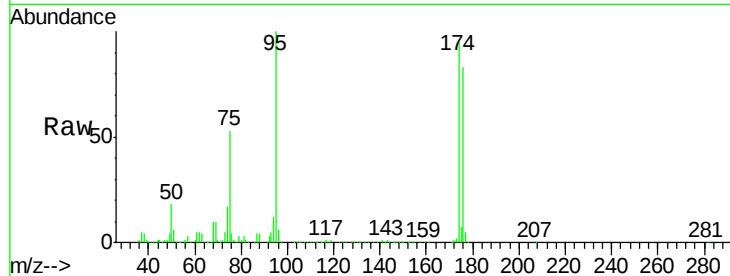
#62
4-Bromofluorobenzene
Concen: 49.886 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	172142		
174	88.8	0.0	160.0	
176	85.7	0.0	161.2	

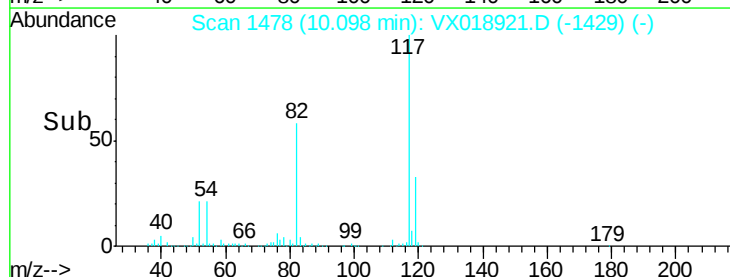
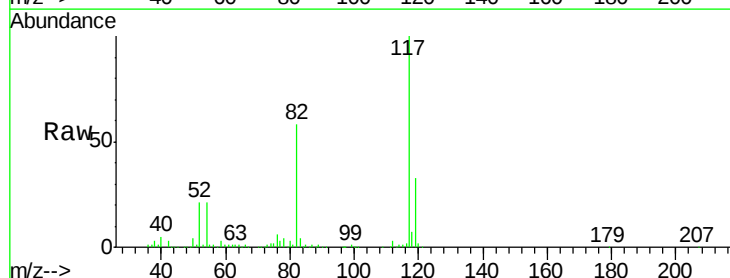
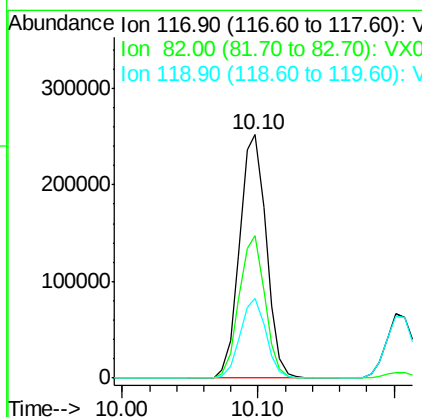
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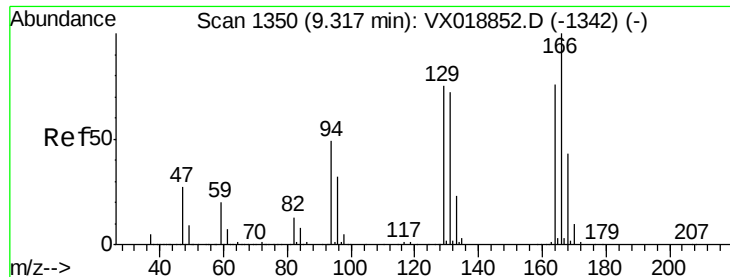
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	344555		
82	58.5	43.4	65.2	
119	32.9	28.3	42.5	





#64

Tetrachloroethene

Concen: 50.287 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MS

Tot Ion:164 Resp: 126495

Ion Ratio Lower Upper

164 100

166 134.5 105.4 158.0

129 83.8 79.0 118.6

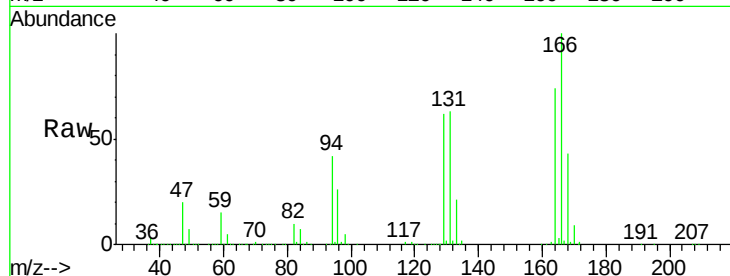
131 85.4 75.7 113.5

Manual Integrations

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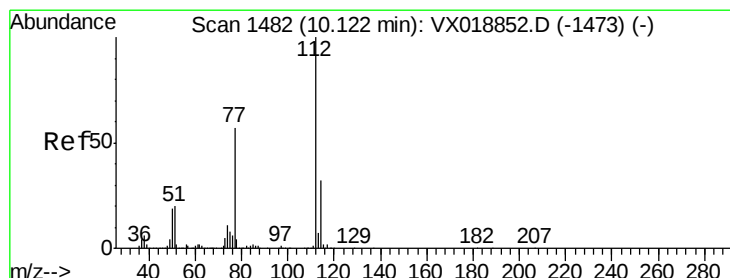
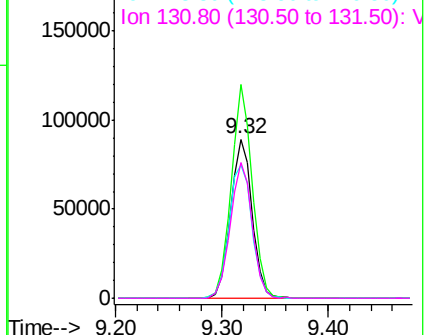
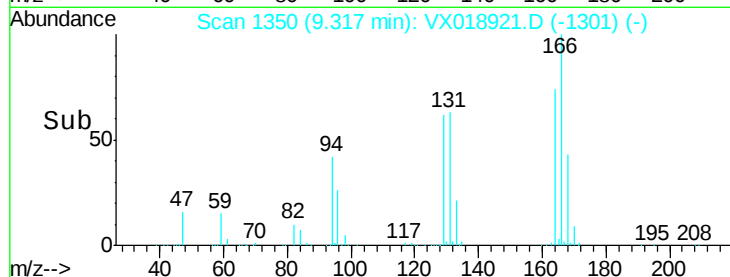


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 47.787 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018921.D

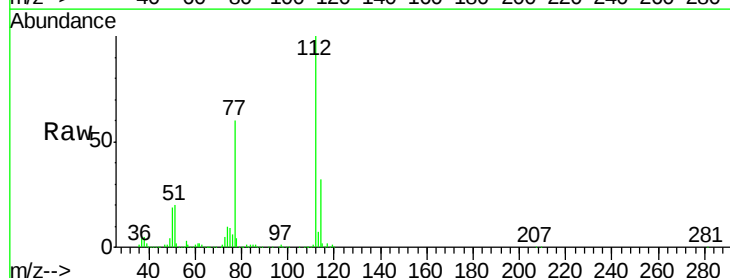
Acq: 12 Oct 2020 22:03

Tgt Ion:112 Resp: 355820

Ion Ratio Lower Upper

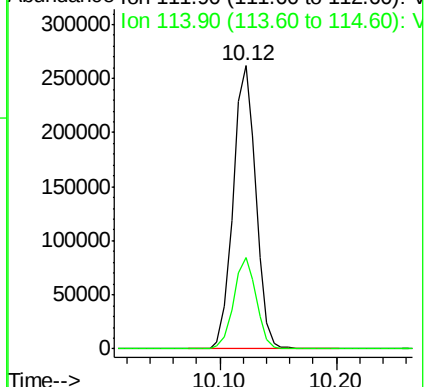
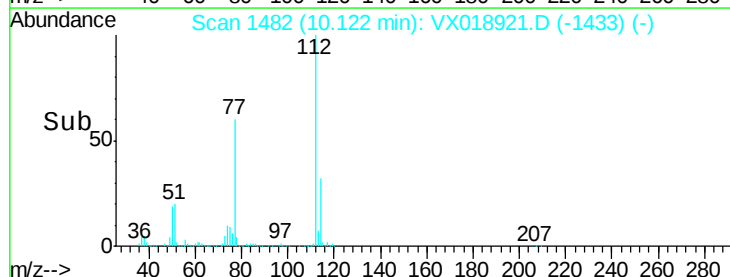
112 100

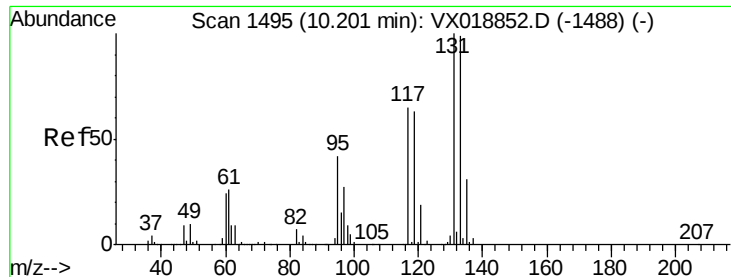
114 32.4 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 47.734 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Instrument :

MSVOA_X

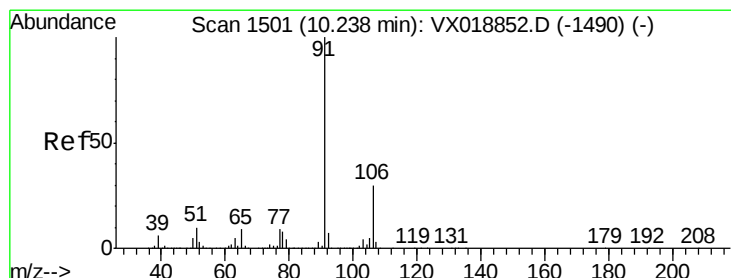
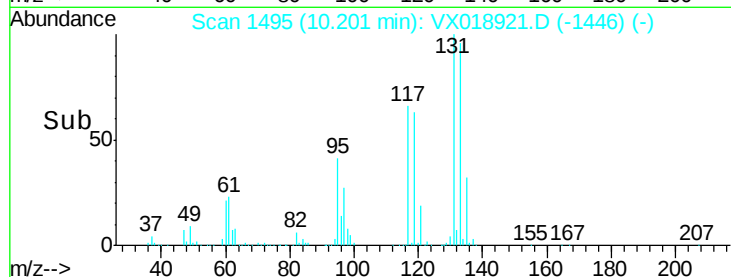
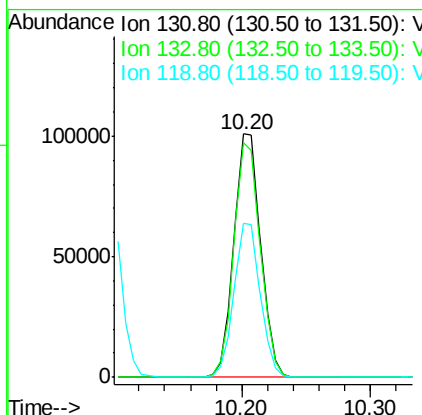
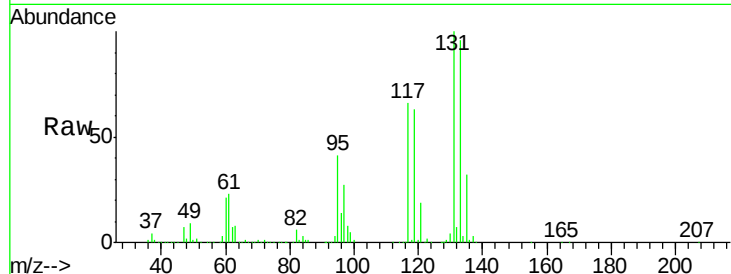
ClientSampleId :

FC-MW07S-20201003MS

Tot Ion	Ratio	Resp	Lower	Upper
131	100	146630		
133	95.3	48.6	145.8	
119	62.3	31.1	93.3	

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#67

Ethyl Benzene

Concen: 49.203 ug/l

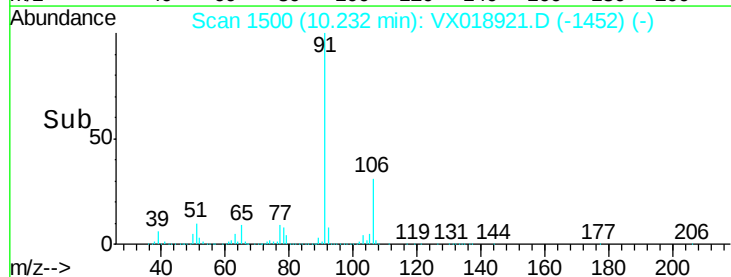
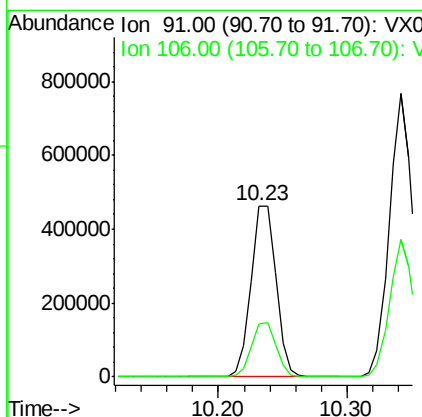
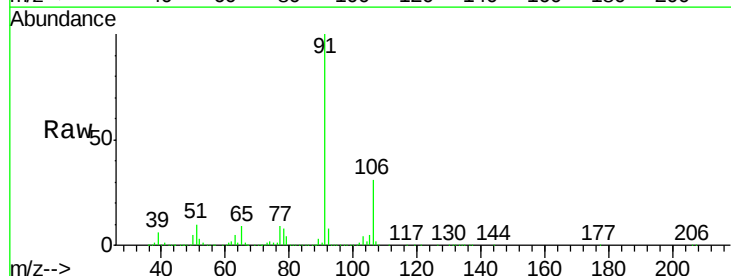
RT: 10.23 min Scan# 1500

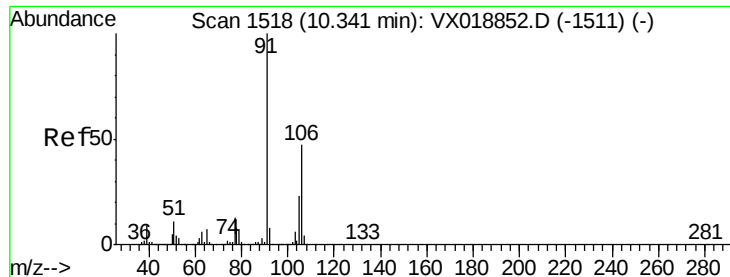
Delta R.T. -0.01 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	618044		
106	30.9	24.0	36.0	





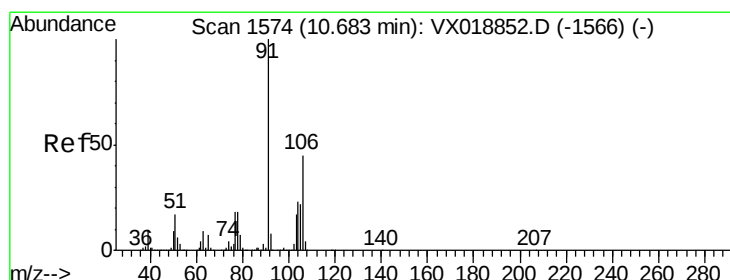
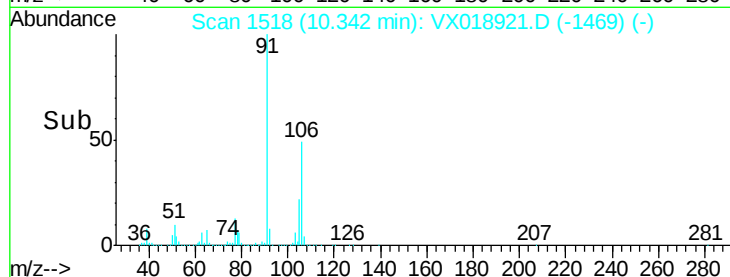
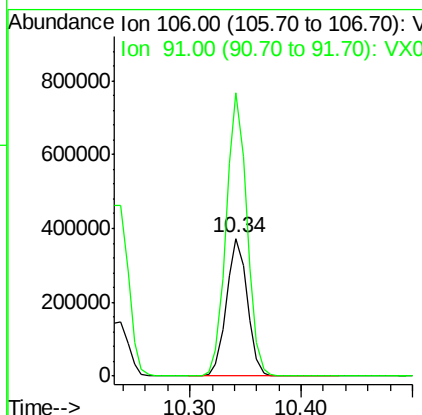
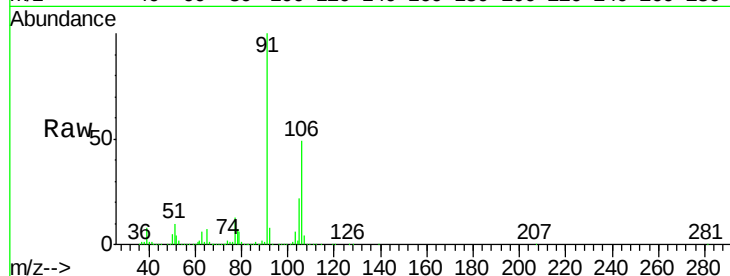
#68
m/p-Xylenes
Concen: 101.187 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		482898		
91	204.4	165.6	248.4		

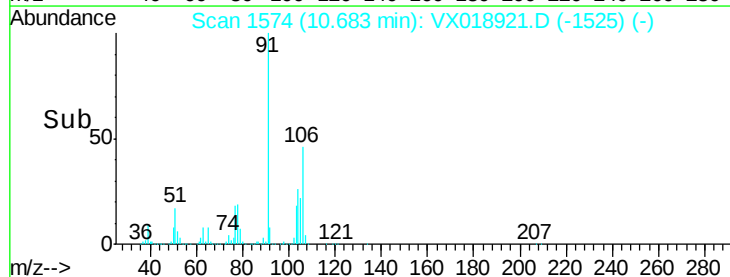
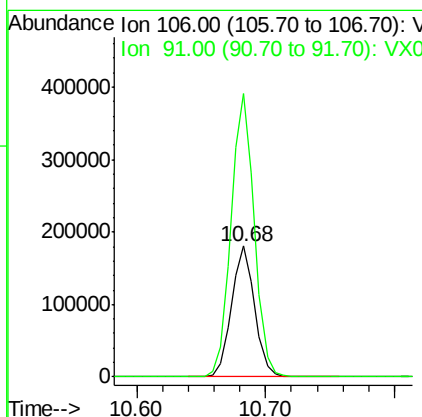
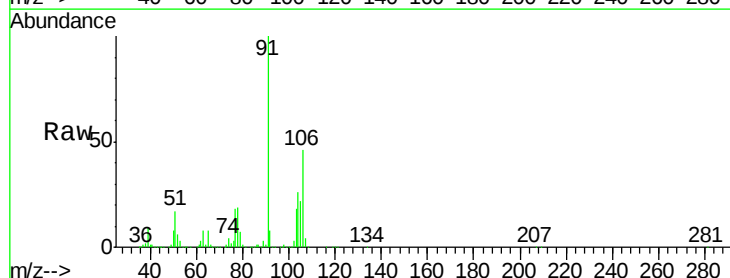
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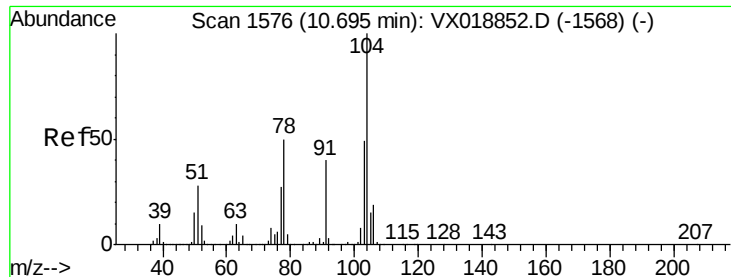
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#69
o-Xylene
Concen: 50.141 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		225450		
91	218.1	109.9	329.6		





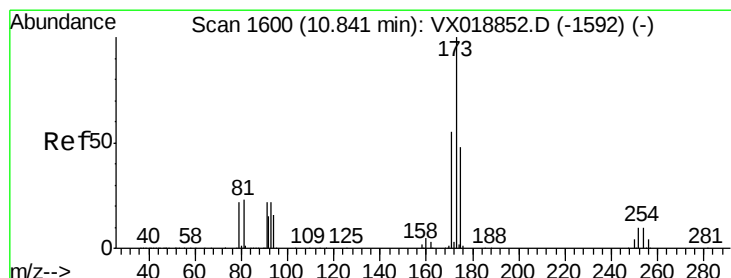
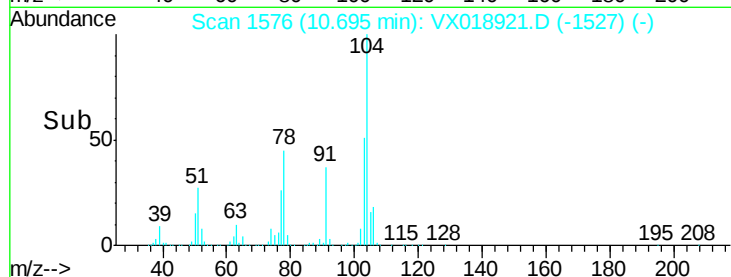
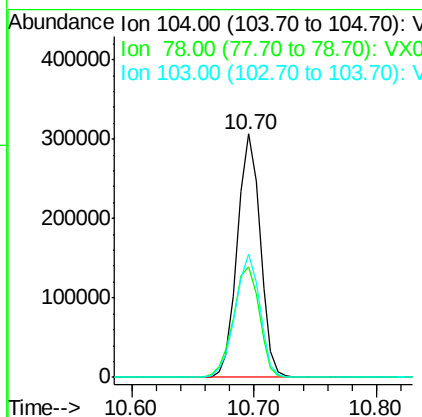
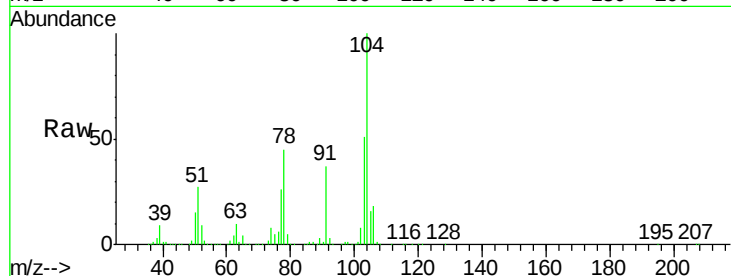
#70
Stvrene
Concen: 52.065 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	396321		
78	52.0		43.5	65.3
103	54.5		43.3	64.9

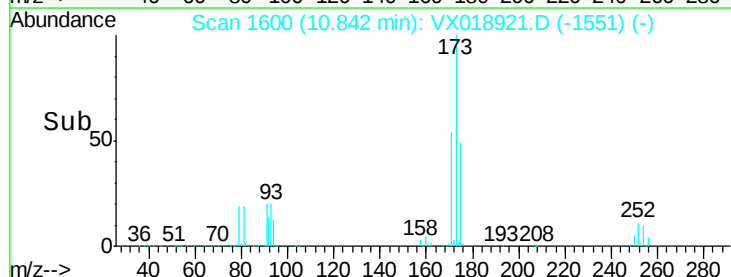
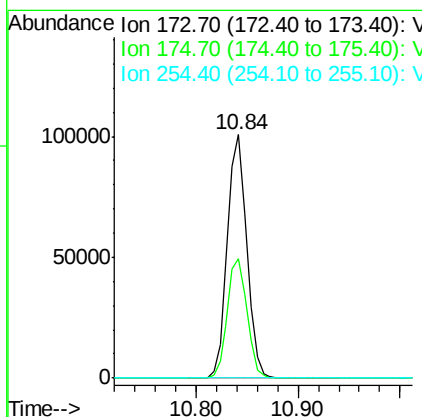
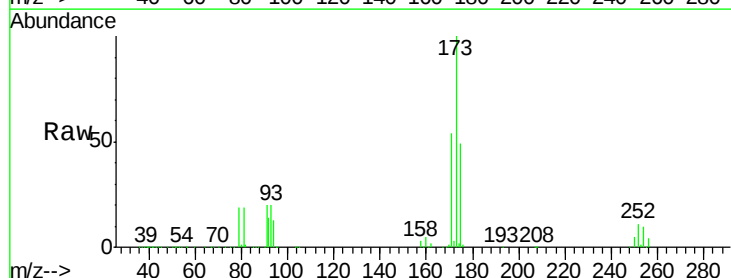
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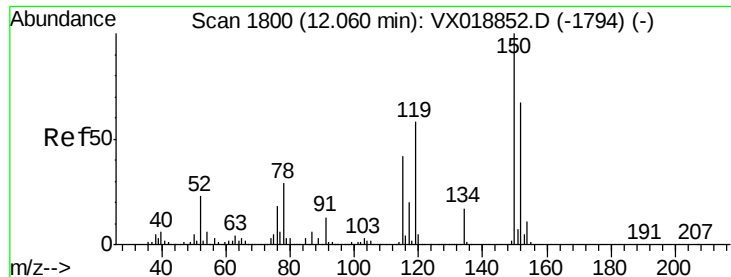
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#71
Bromoform
Concen: 49.733 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	132137		
175	49.8		23.4	70.0
254	0.1		0.0	0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MS

Tot Ion:152 Resp: 196769

Ion Ratio Lower Upper

152 100

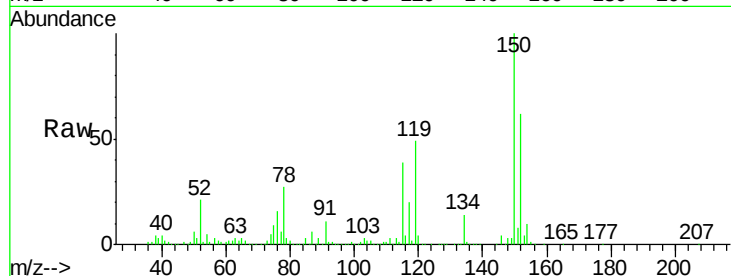
115 79.3 41.8 125.4

150 172.2 0.0 347.6

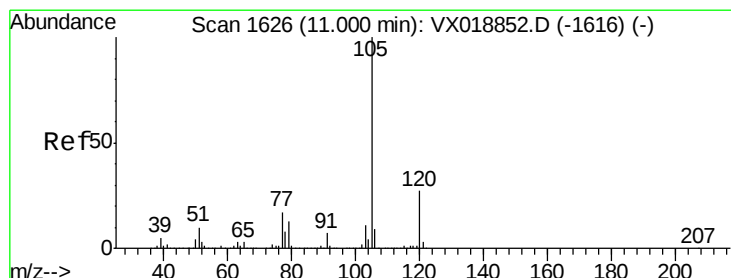
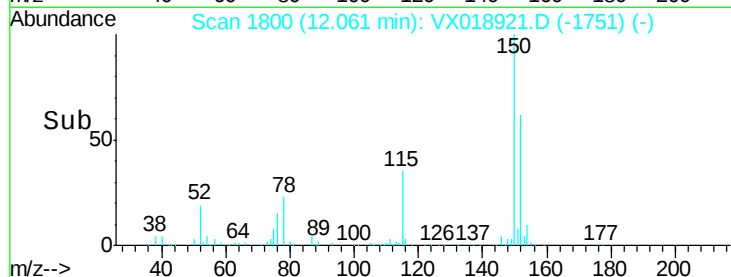
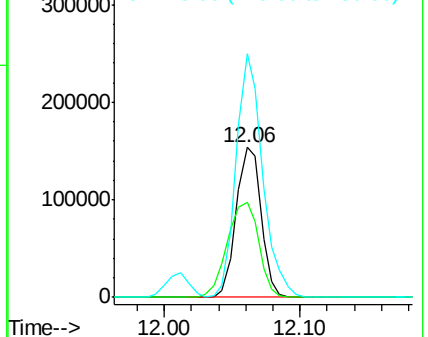
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 49.179 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018921.D

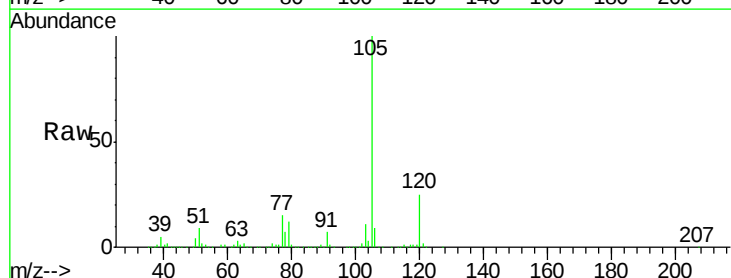
Acq: 12 Oct 2020 22:03

Tgt Ion:105 Resp: 633020

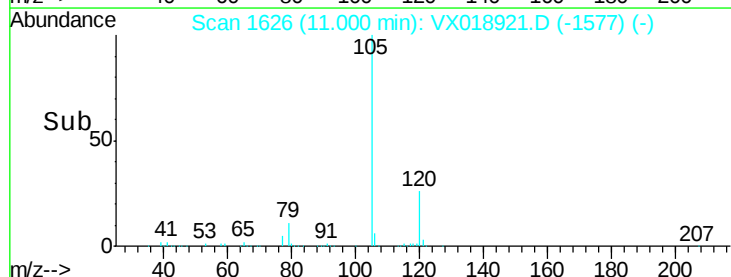
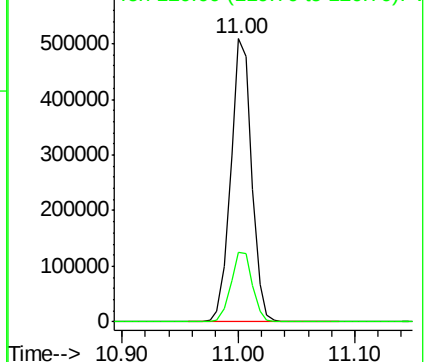
Ion Ratio Lower Upper

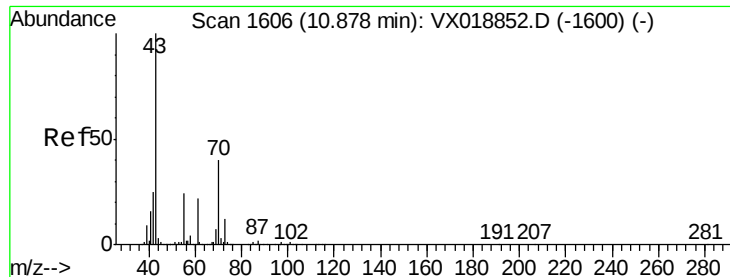
105 100

120 25.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 46.762 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Instrument :

MSVOA_X

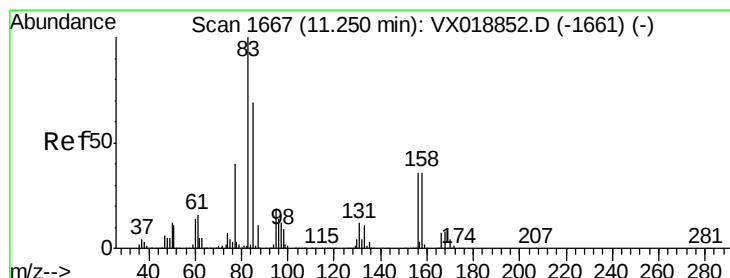
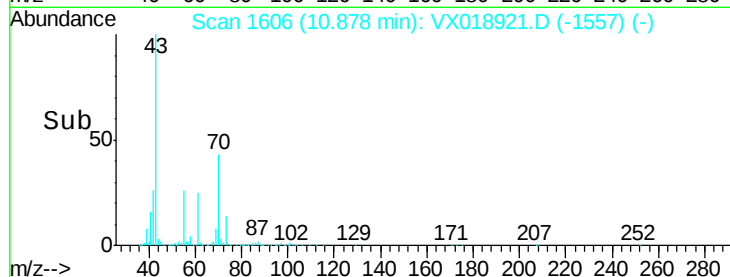
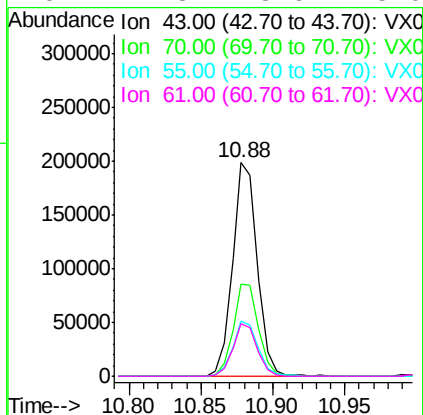
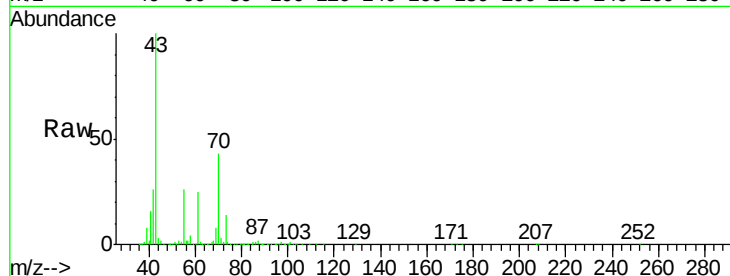
ClientSampleId :

FC-MW07S-20201003MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	44.3	33.7	50.5	
55	26.5	19.8	29.8	
61	24.3	18.6	28.0	

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 46.518 ug/l

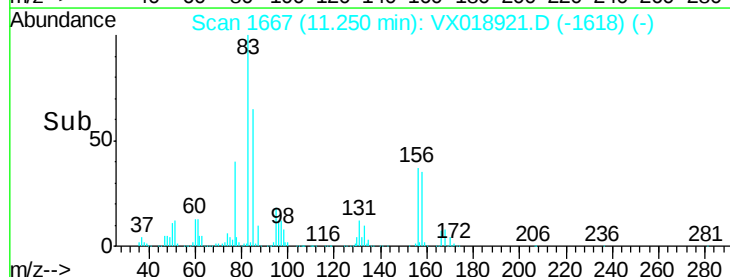
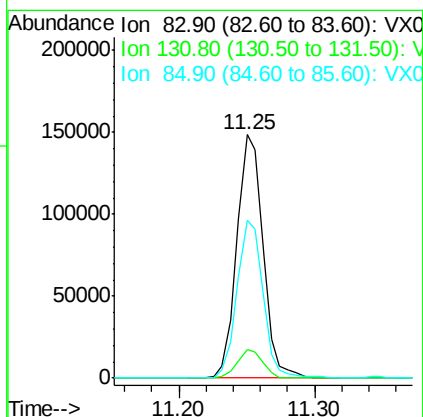
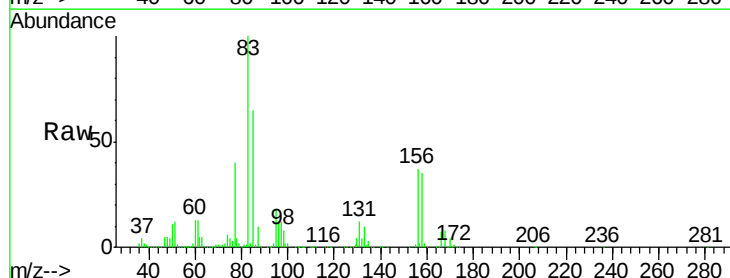
RT: 11.25 min Scan# 1667

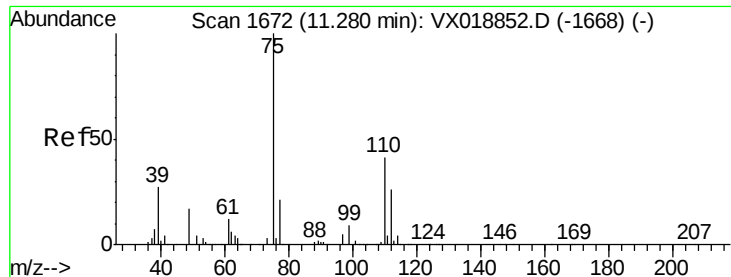
Delta R.T. 0.00 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	11.1	5.9	17.8	
85	64.5	33.0	98.9	





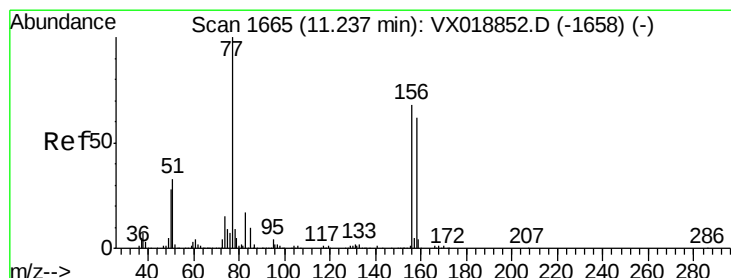
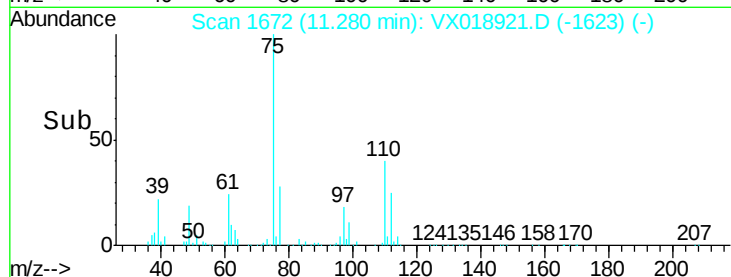
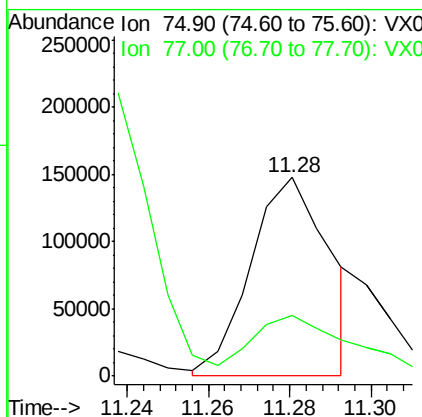
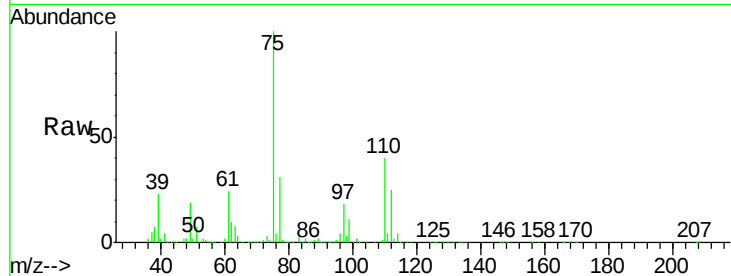
#76
1,2,3-Trichloropropane
Concen: 46.846 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MS

Tot Ion: 75 Resp: 198616
Ion Ratio Lower Upper
75 100
77 39.0 20.2 60.6

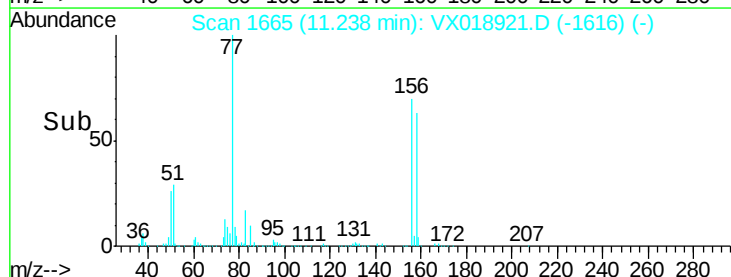
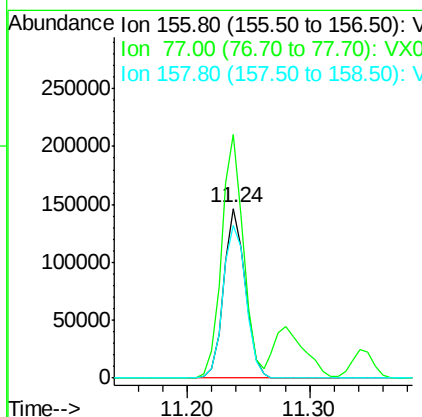
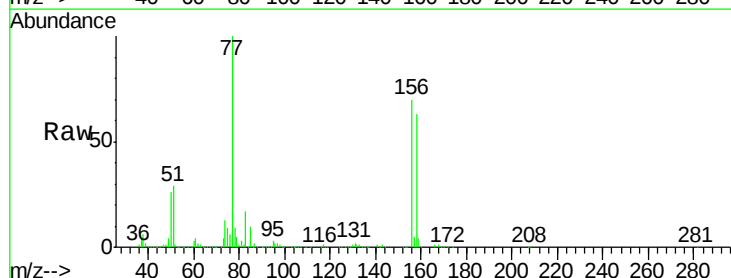
Manual Integrations
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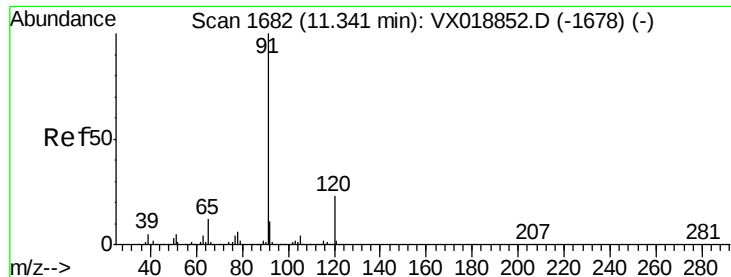
MMDadoda
10/13/2020 2:19:17 PM



#77
Bromobenzene
Concen: 50.172 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Tgt Ion: 156 Resp: 177400
Ion Ratio Lower Upper
156 100
77 146.4 76.0 228.1
158 95.9 47.2 141.6





#78

n-propylbenzene

Concen: 47.959 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MS

Tot Ion: 91 Resp: 703420

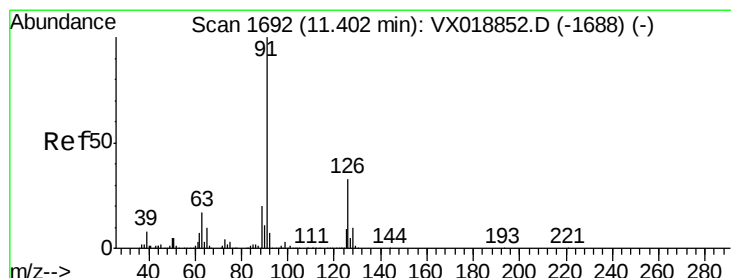
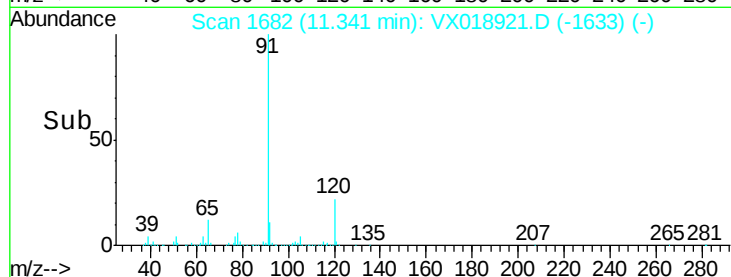
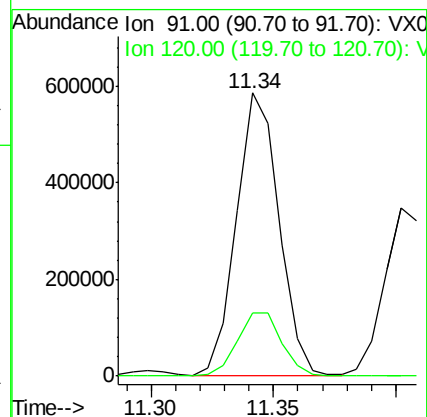
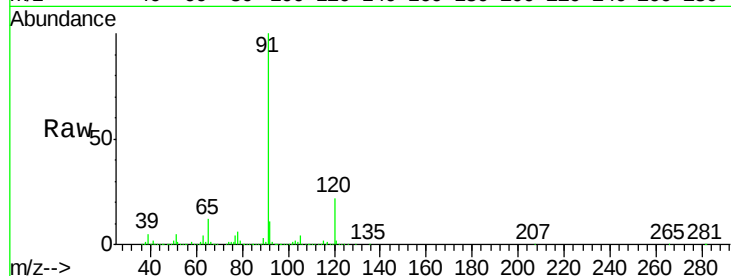
Ion Ratio Lower Upper

91 100

120 23.8 12.0 36.0

Manual Integrations
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#79

2-Chlorotoluene

Concen: 47.658 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018921.D

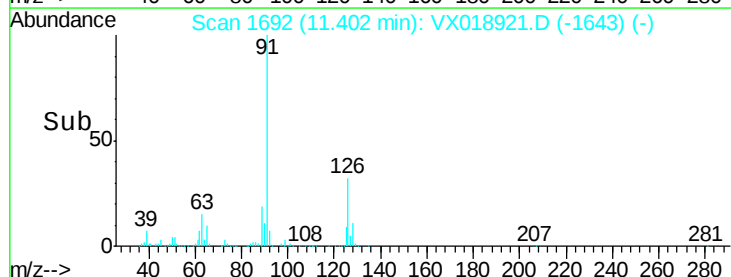
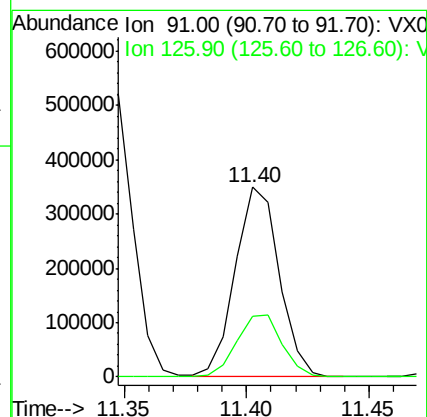
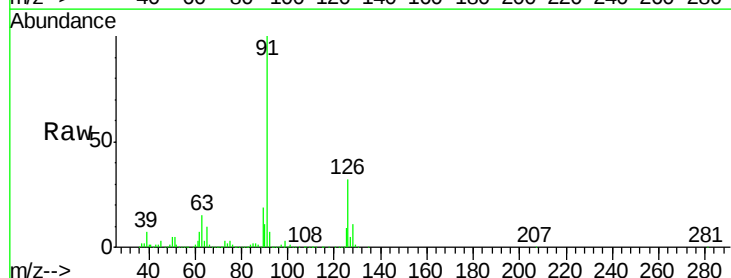
Acq: 12 Oct 2020 22:03

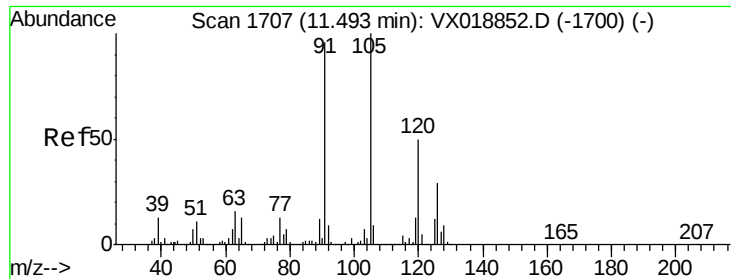
Tgt Ion: 91 Resp: 435726

Ion Ratio Lower Upper

91 100

126 34.0 17.1 51.3





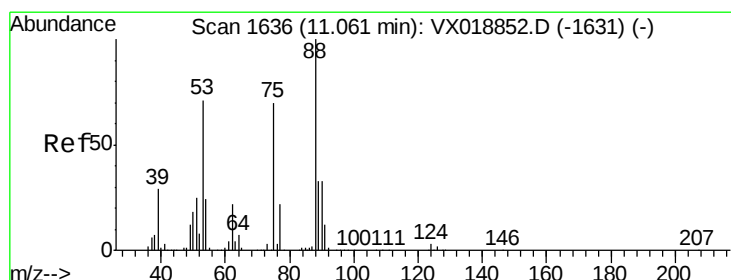
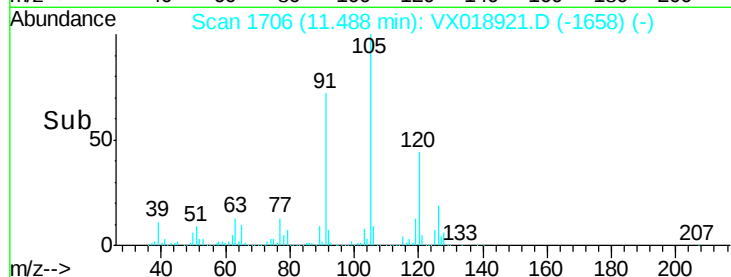
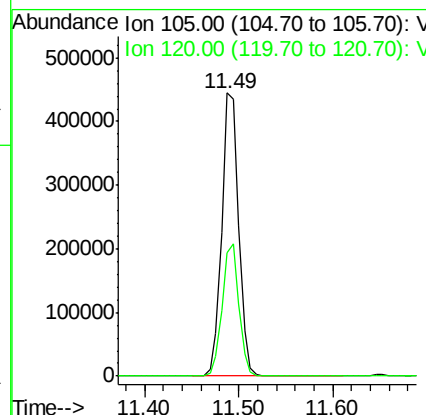
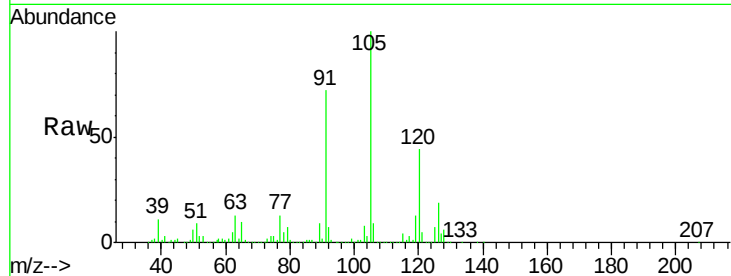
#80
 1,3,5-Trimethylbenzene
 Concen: 50.091 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018921.D
 Acq: 12 Oct 2020 22:03

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MS

Tot Ion:105 Resp: 551513
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.9 71.8

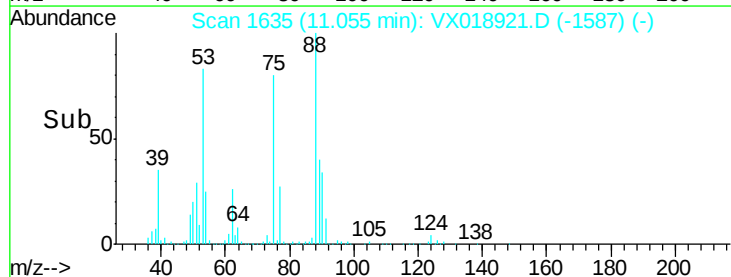
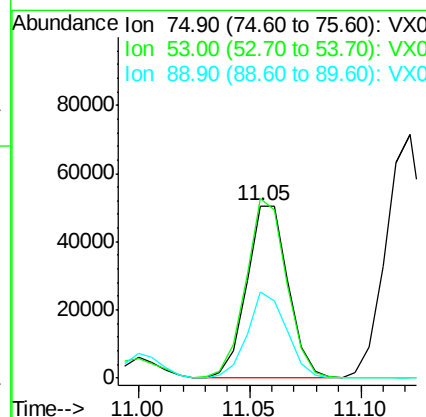
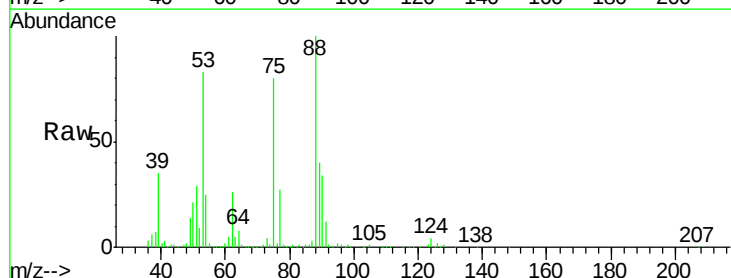
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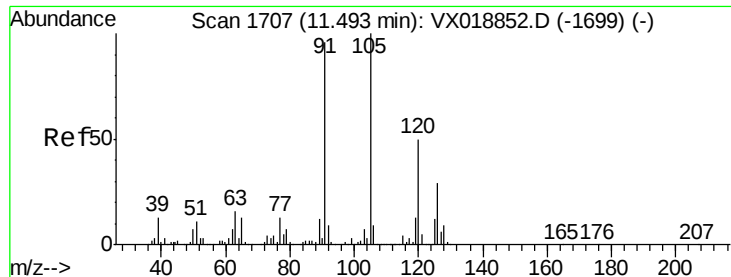
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.980 ug/l
 RT: 11.05 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: VX018921.D
 Acq: 12 Oct 2020 22:03

Tgt Ion: 75 Resp: 65797
 Ion Ratio Lower Upper
 75 100
 53 101.5 85.0 127.4
 89 47.4 39.0 58.4





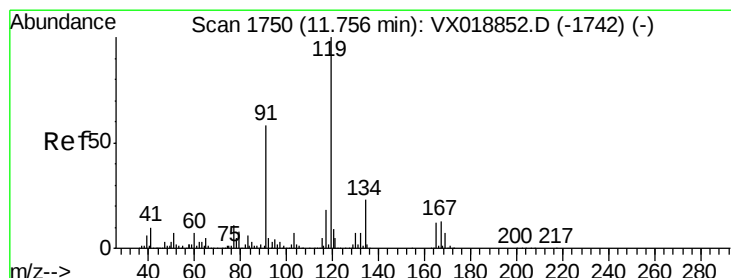
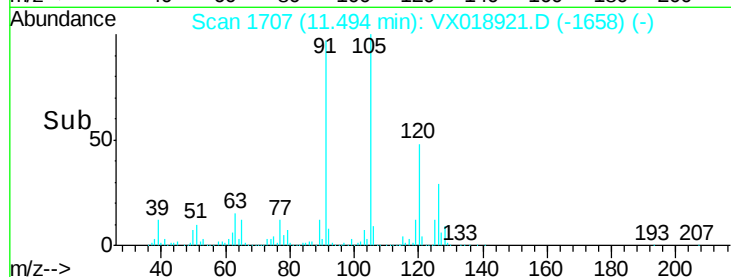
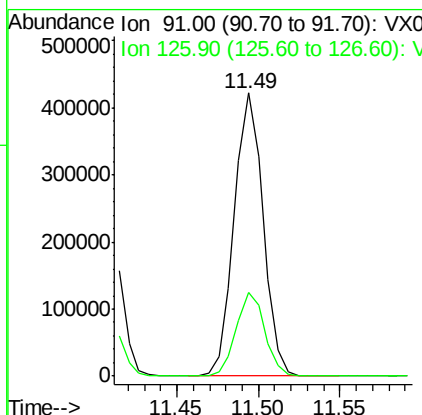
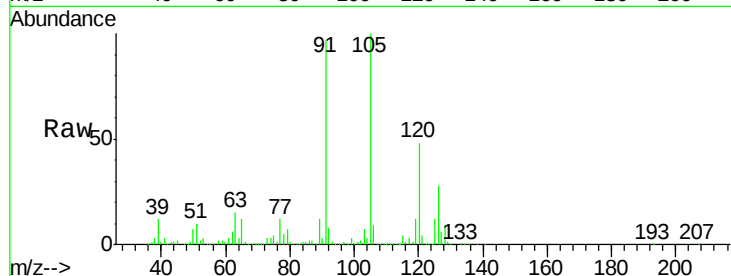
#82
4-Chlorotoluene
Concen: 47.855 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MS

Tot Ion	Ratio	Resp	Lower	Upper
91	100	520237		
126	29.4	14.9	44.7	

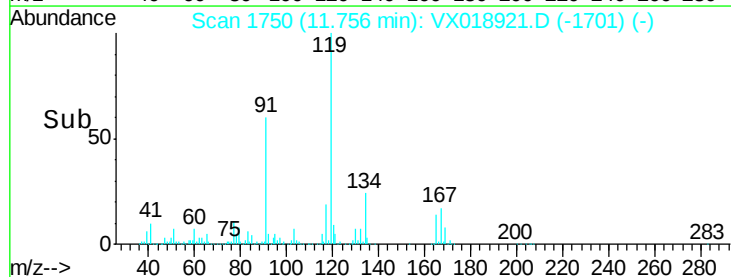
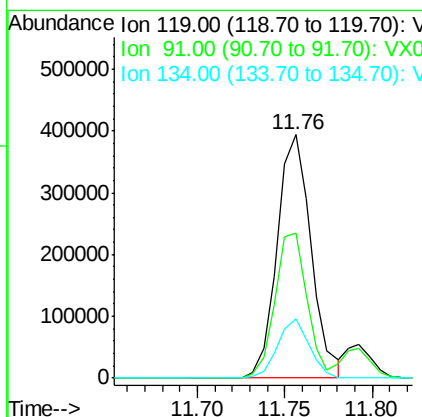
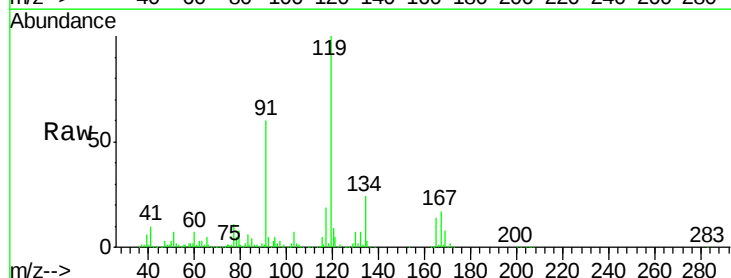
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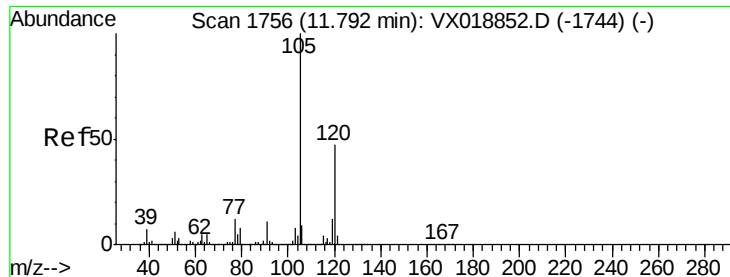
MMDadoda
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#83
tert-Butylbenzene
Concen: 48.312 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	532695		
91	56.5	28.6	85.9	
134	22.8	11.7	35.0	





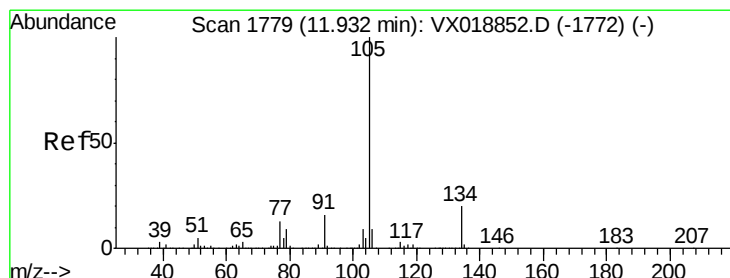
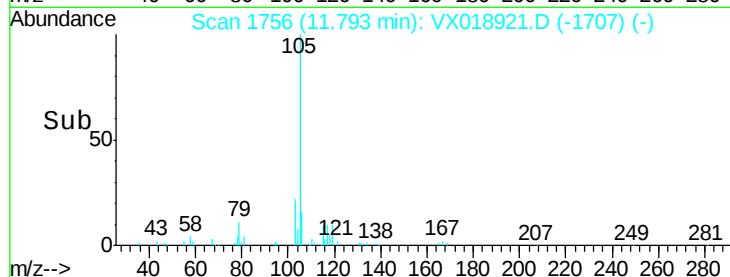
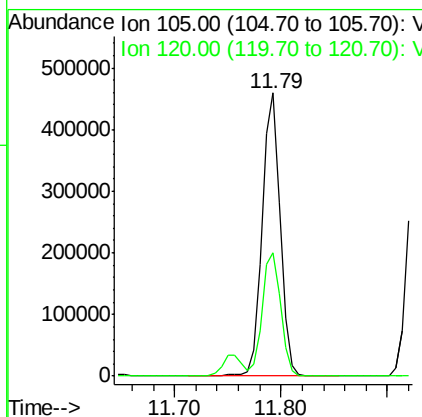
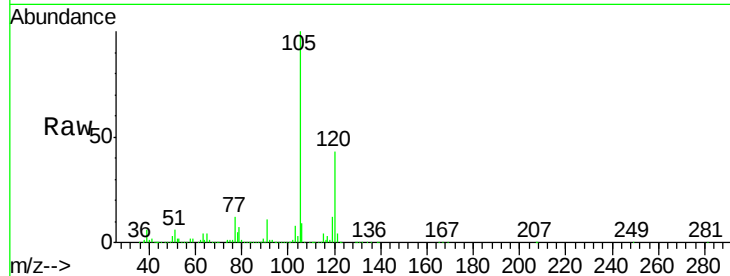
#84
1,2,4-Trimethylbenzene
Concen: 48.785 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.6	67.8

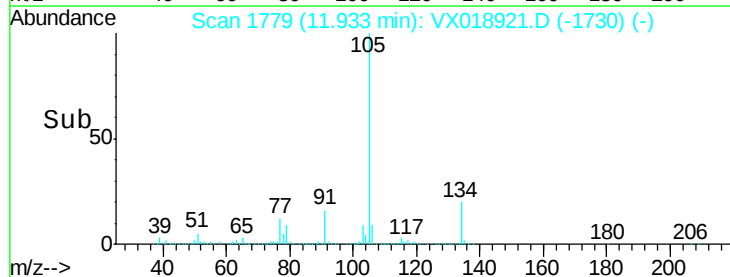
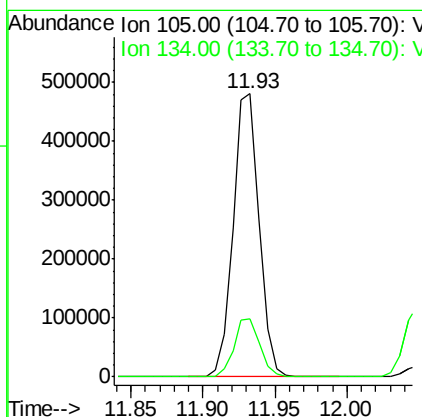
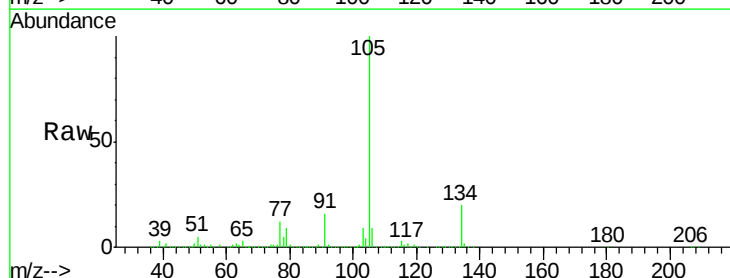
Manual Integrations
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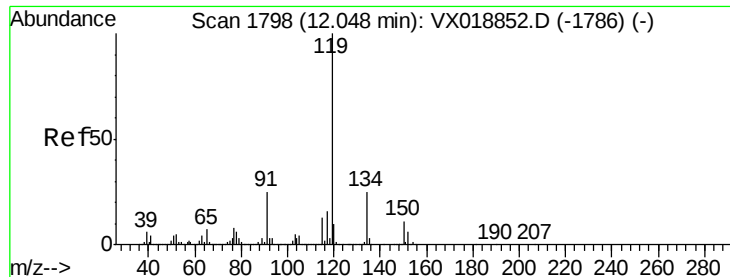
MMDadoda
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#85
sec-Butylbenzene
Concen: 48.911 ug/l
RT: 11.93 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.2	30.4





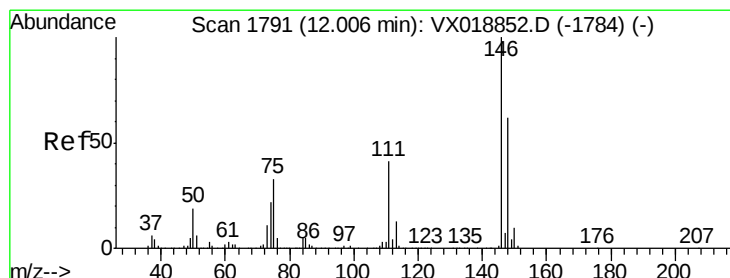
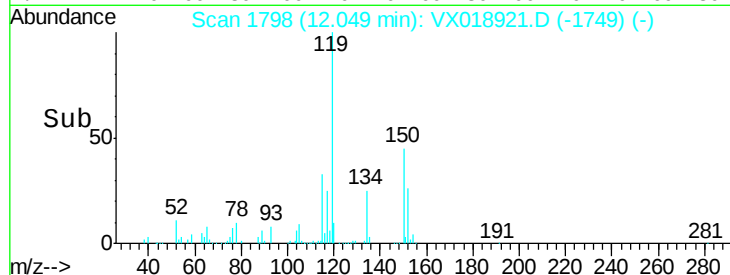
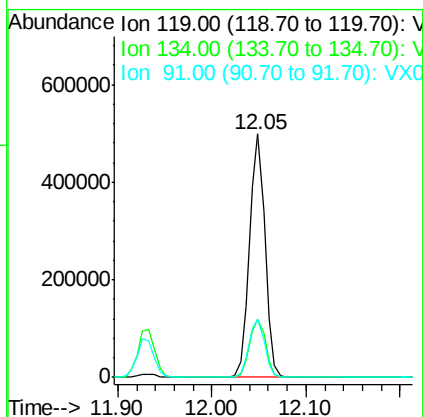
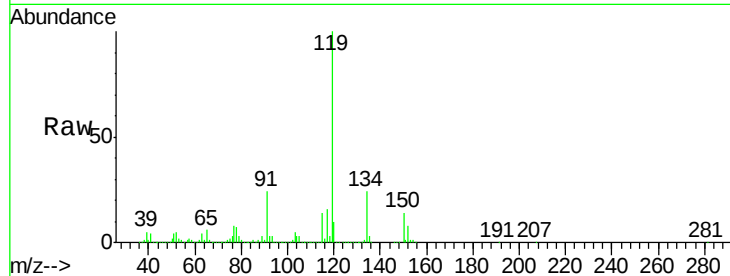
#86
p-Isopropyltoluene
Concen: 48.627 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.8	38.4
91	24.2	12.3	36.9

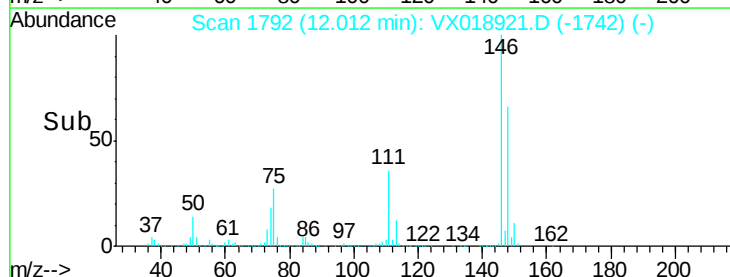
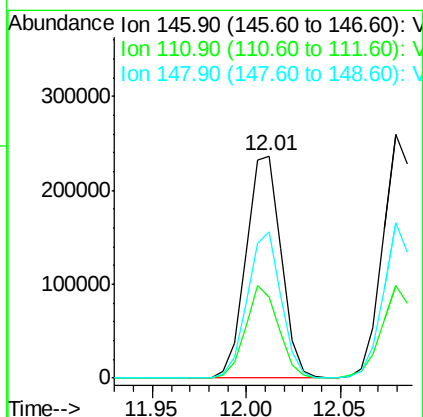
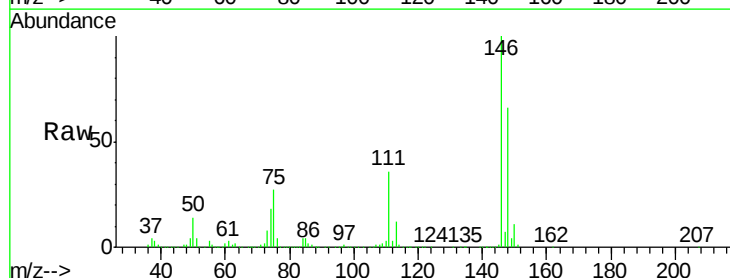
Manual Integrations
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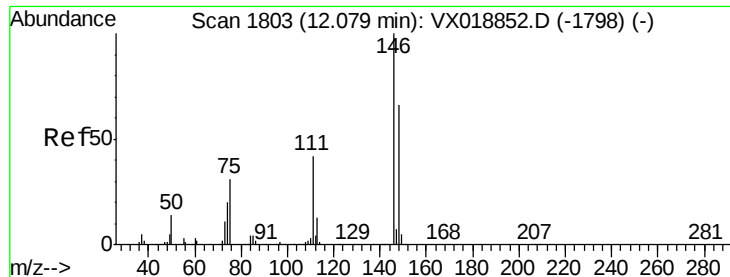
MMDadoda
10/13/2020 2:19:17 PM



#87
1,3-Dichlorobenzene
Concen: 47.065 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.0	59.9
148	63.3	31.4	94.3





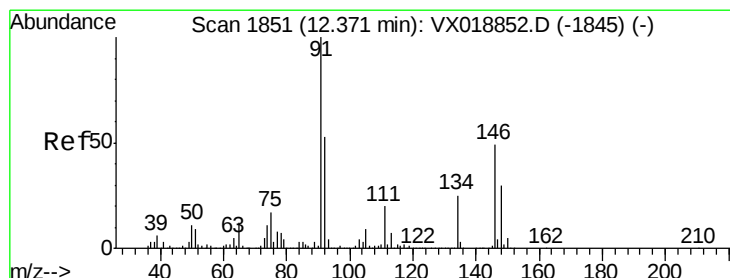
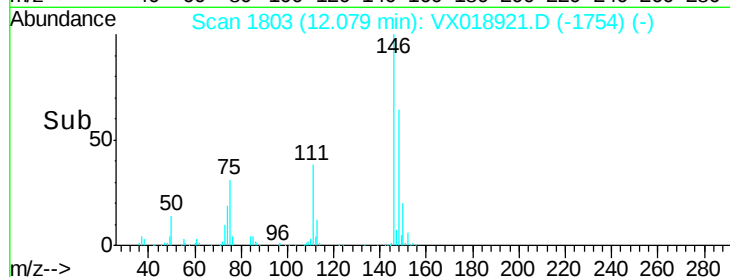
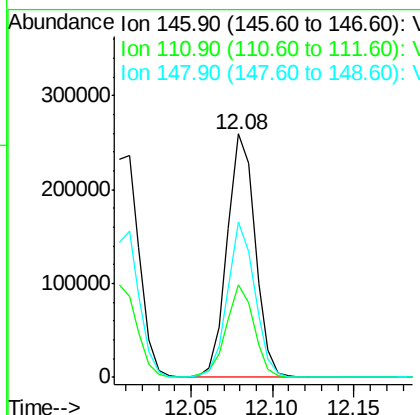
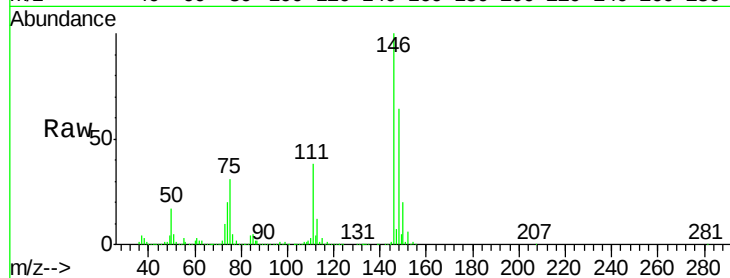
#88
 1,4-Dichlorobenzene
 Concen: 47.063 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018921.D
 Acq: 12 Oct 2020 22:03

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	20.5	61.5
148	62.3	32.2	96.6

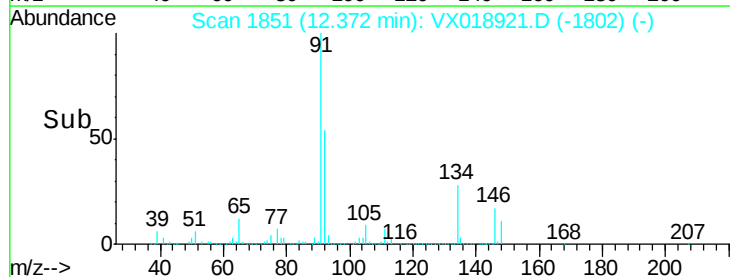
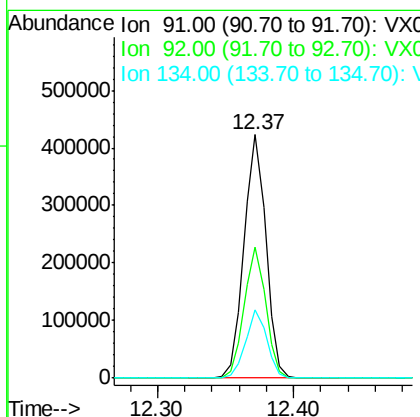
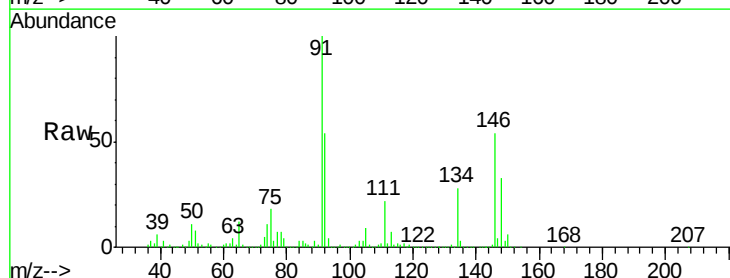
Manual Integrations
 APPROVED

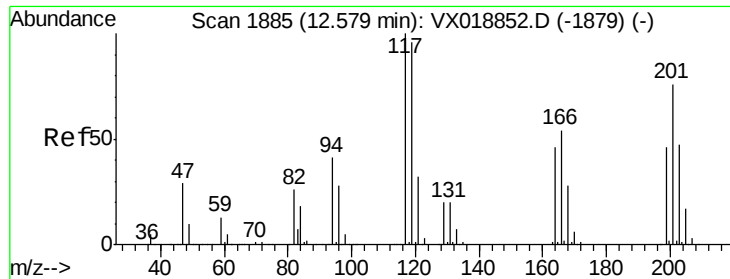
MMDadoda
 10/13/2020 2:19:17 PM



#89
 n-Butylbenzene
 Concen: 46.592 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX018921.D
 Acq: 12 Oct 2020 22:03

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.7	80.0
134	27.1	13.5	40.4





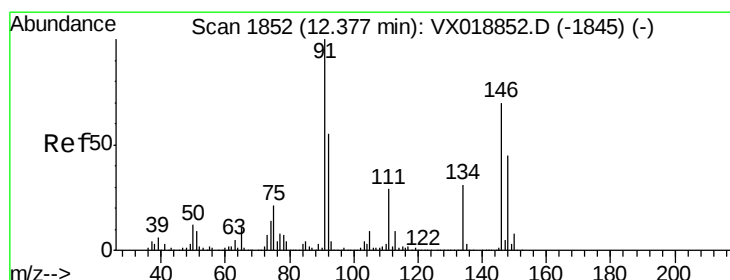
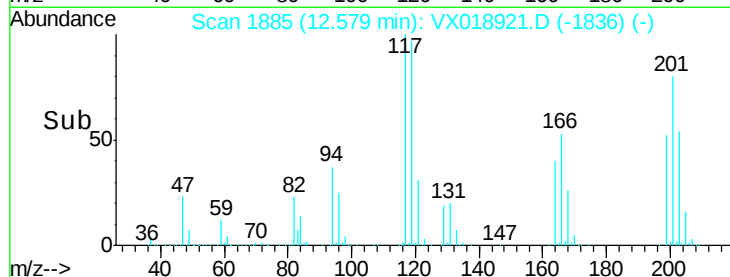
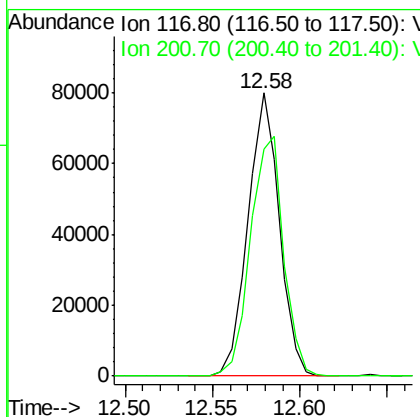
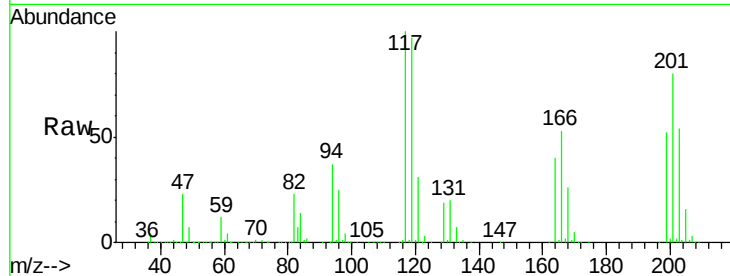
#90
Hexachloroethane
Concen: 45.527 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MS

Tot Ion:117 Resp: 99742
Ion Ratio Lower Upper
117 100
201 89.6 37.4 112.2

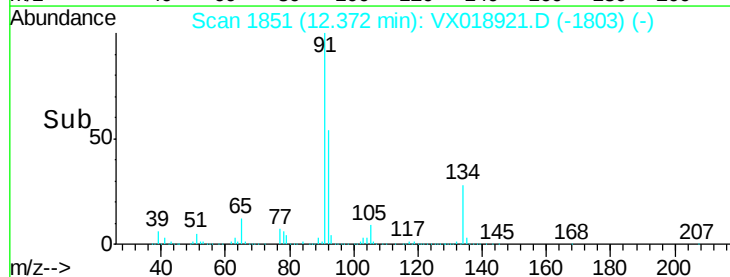
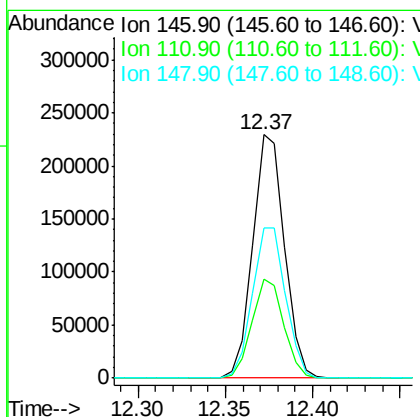
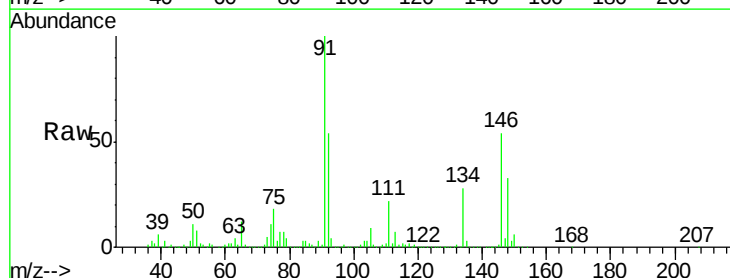
Manual Integrations
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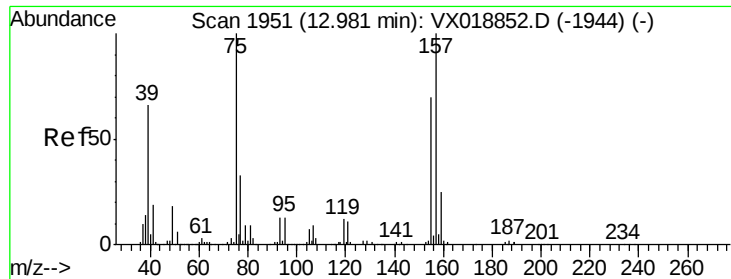
MMDadoda
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#91
1,2-Dichlorobenzene
Concen: 46.780 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.01 min
Lab File: VX018921.D
Acq: 12 Oct 2020 22:03

Tgt Ion:146 Resp: 289154
Ion Ratio Lower Upper
146 100
111 40.9 20.6 61.9
148 64.6 31.1 93.2





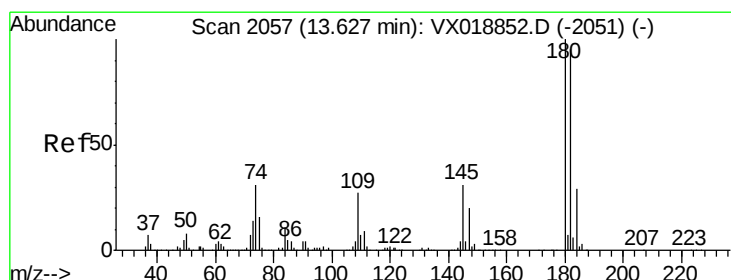
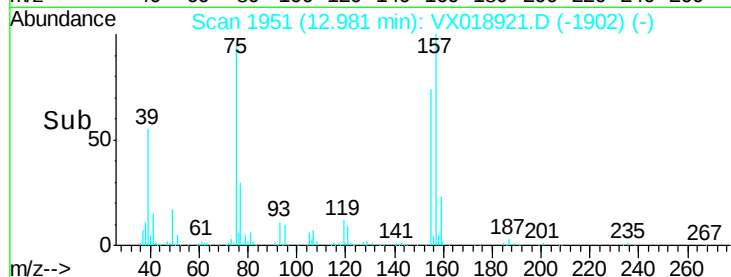
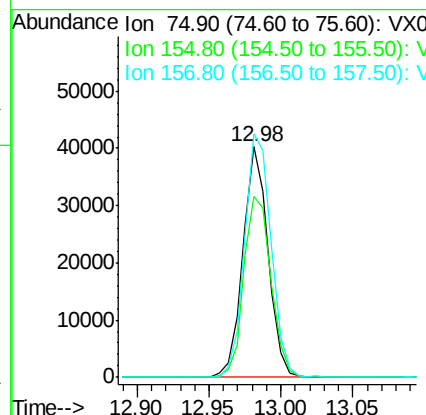
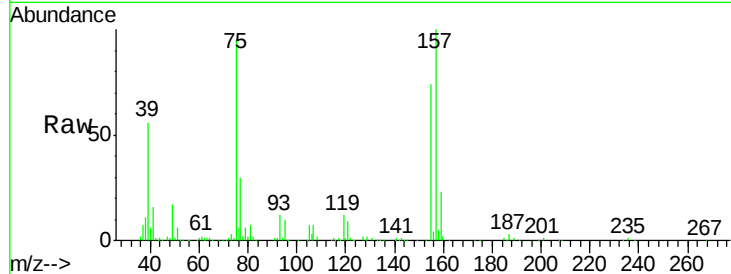
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.479 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018921.D
 Acq: 12 Oct 2020 22:03

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	84.4	38.0	113.9
157	111.2	50.9	152.7

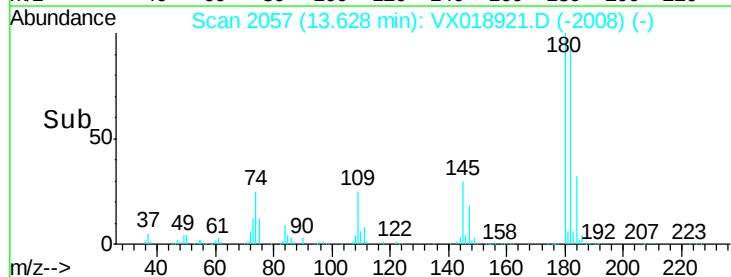
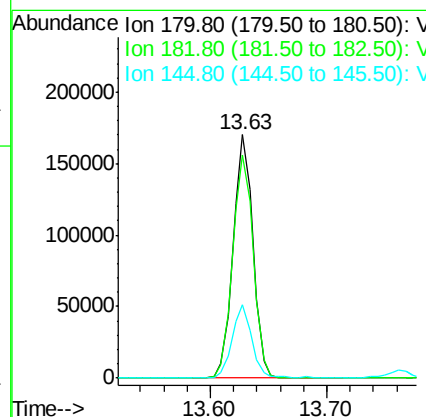
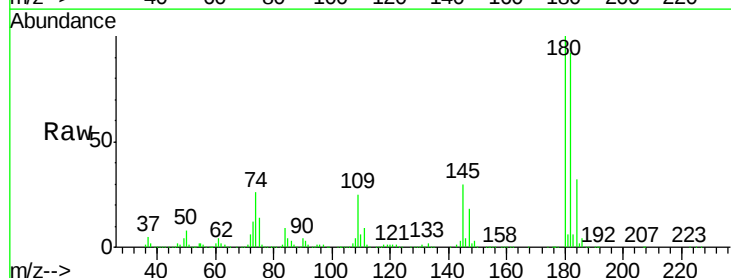
Manual Integrations
 APPROVED

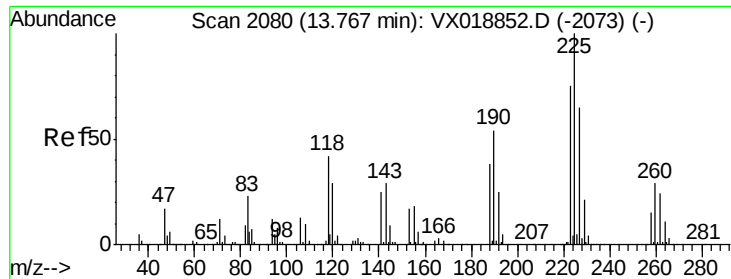
MMDadoda
 10/13/2020 2:19:17 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 50.767 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018921.D
 Acq: 12 Oct 2020 22:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	49.1	147.3
145	29.8	16.0	48.0





#94

Hexachlorobutadiene

Concen: 51.241 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Instrument :

MSVOA_X

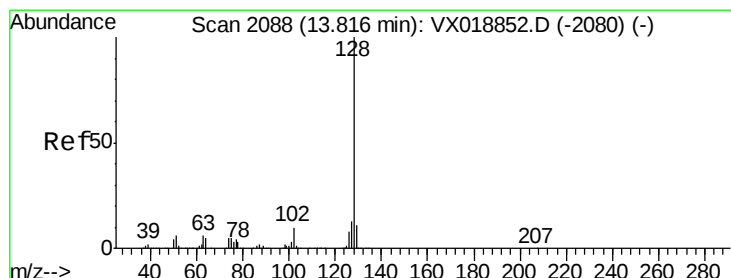
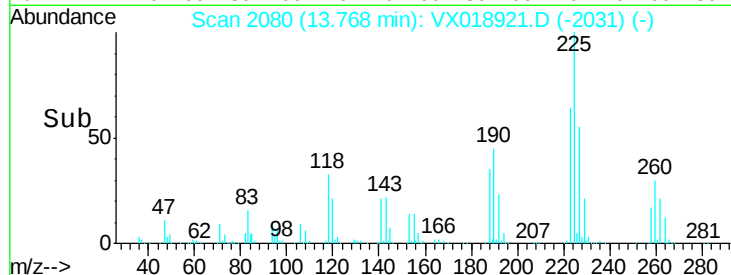
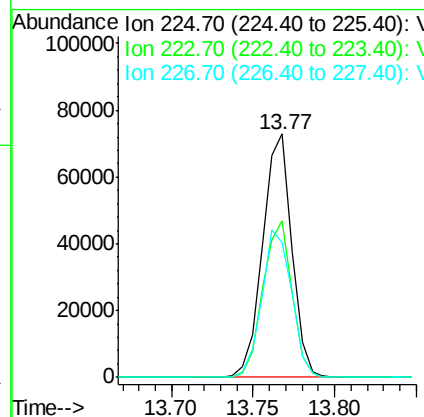
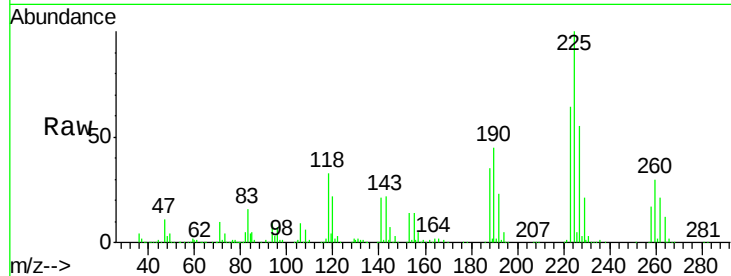
ClientSampleId :

FC-MW07S-20201003MS

Tot Ion:	225	Resp:	90254
Ion Ratio	Lower	Upper	
225	100		
223	63.7	32.1	96.3
227	62.2	33.0	98.9

Manual Integrations
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#95

Naphthalene

Concen: 45.823 ug/l

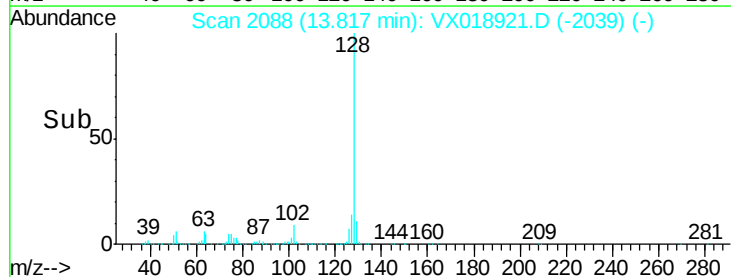
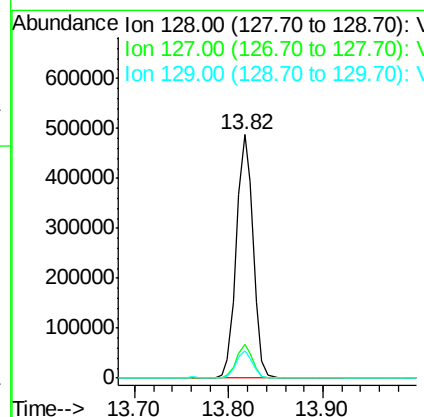
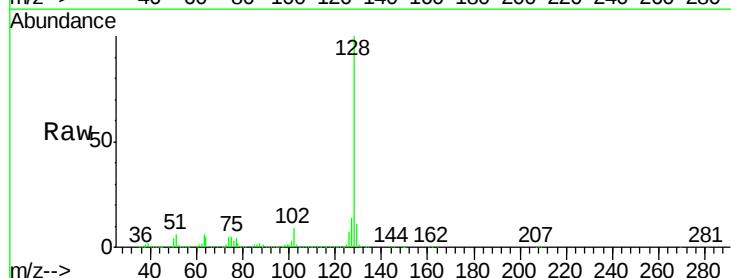
RT: 13.82 min Scan# 2088

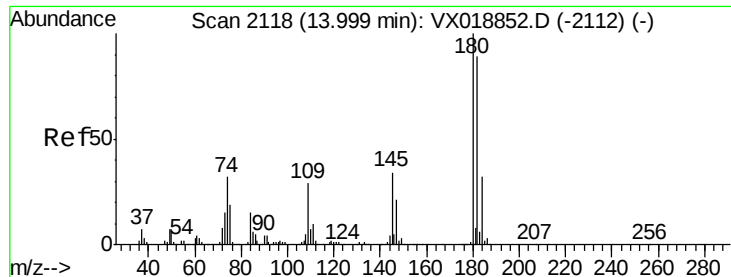
Delta R.T. 0.00 min

Lab File: VX018921.D

Acq: 12 Oct 2020 22:03

Tgt Ion:	128	Resp:	603041
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.1	15.1
129	10.8	8.6	13.0





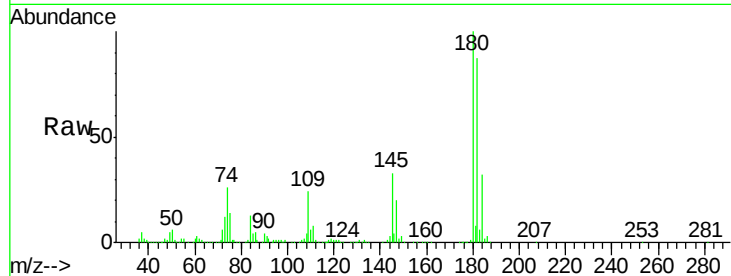
#96
 1,2,3-Trichlorobenzene
 Concen: 54.129 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VX018921.D
 Acq: 12 Oct 2020 22:03

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.3	47.7	143.1
145	34.1	16.7	50.0

Manual Integrations
 APPROVED

MMDadoda
 10/13/2020 2:19:17 PM



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

