

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101220\
 Data File : VX018922.D
 Acq On : 12 Oct 2020 22:25
 Operator : JC/SP
 Sample : L4303-13MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MSD

Manual Integrations
 APPROVED

MMDadoda
 10/13/2020 2:19:20 PM

Quant Time: Oct 13 05:20:29 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	241518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	355465	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	346096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190782	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	160479	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	
35) Dibromofluoromethane	5.46	113	122685	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	8.70	98	438309	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.12	95	174223	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	130692	45.898	ug/l	97
3) Chloromethane	1.31	50	106162	46.898	ug/l	96
4) Vinyl Chloride	1.39	62	128488	50.778	ug/l	98
5) Bromomethane	1.62	94	73534	52.178	ug/l	97
6) Chloroethane	1.71	64	80458	47.475	ug/l	100
7) Trichlorofluoromethane	1.92	101	223130	44.736	ug/l	95
8) Diethyl Ether	2.17	74	70510	50.713	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	107191	44.748	ug/l	99
10) Methyl Iodide	2.49	142	129354	51.284	ug/l	95
11) Tert butyl alcohol	3.01	59	146297	260.763	ug/l	98
12) 1,1-Dichloroethene	2.36	96	110428	49.550	ug/l	99
13) Acrolein	2.27	56	112124	240.203	ug/l	98
14) Allyl chloride	2.71	41	190725	47.162	ug/l	95
15) Acrylonitrile	3.12	53	309661	260.250	ug/l	99
16) Acetone	2.42	43	307502	228.250	ug/l	99
17) Carbon Disulfide	2.55	76	315388	48.221	ug/l	100
18) Methyl Acetate	2.75	43	130593	44.103	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	376639	50.362	ug/l	98
20) Methylene Chloride	2.84	84	129928	51.125	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	125712	48.592	ug/l	94
22) Diisopropyl ether	3.82	45	357436	49.385	ug/l	88
23) Vinyl Acetate	3.78	43	1561244	224.289	ug/l	99
24) 1,1-Dichloroethane	3.67	63	230509	47.369	ug/l	97
25) 2-Butanone	4.64	43	470812	244.021	ug/l	99
26) 2,2-Dichloropropane	4.56	77	171009	36.423	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	141691	49.319	ug/l	95
28) Bromochloromethane	4.98	49	100854	47.020	ug/l	100
29) Tetrahydrofuran	5.09	42	272141	262.897	ug/l	98
30) Chloroform	5.18	83	250840	46.787	ug/l	100
31) Cyclohexane	5.55	56	165545	49.757	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	235471	46.216	ug/l	98
36) 1,1-Dichloropropene	5.77	75	181570	48.582	ug/l	98
37) Ethyl Acetate	4.79	43	166067	46.013	ug/l	99
38) Carbon Tetrachloride	5.76	117	219291	47.340	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	163010	47.315	ug/l	96
40) Benzene	6.12	78	499533	49.750	ug/l	100
41) Methacrylonitrile	5.00	41	102424	48.920	ug/l	98
42) 1,2-Dichloroethane	6.16	62	213631	45.382	ug/l	99
43) Isopropyl Acetate	6.41	43	273355	45.574	ug/l	98
44) Trichloroethene	7.19	130	145585	48.348	ug/l	98
45) 1,2-Dichloropropane	7.49	63	130837	49.246	ug/l	95
46) Dibromomethane	7.63	93	94645	48.205	ug/l	95
47) Bromodichloromethane	7.87	83	204784	48.131	ug/l	98
48) Methyl methacrylate	7.74	41	151995	49.941	ug/l	95
49) 1,4-Dioxane	7.71	88	41288	967.503	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	938943	268.208	ug/l	98
52) Toluene	8.76	92	330871	51.348	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	217961	49.475	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	216367	47.743	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	137748	49.768	ug/l	97
56) Ethyl methacrylate	9.16	69	200418	49.627	ug/l	96
57) 1,3-Dichloropropane	9.35	76	228579	50.897	ug/l	99
59) 2-Hexanone	9.47	43	718661	269.443	ug/l	98
60) Dibromochloromethane	9.57	129	172709	49.709	ug/l	98
61) 1,2-Dibromoethane	9.65	107	148672	50.090	ug/l	100
64) Tetrachloroethene	9.32	164	128361	50.814	ug/l	94
65) Chlorobenzene	10.12	112	366301	48.975	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	149609	48.487	ug/l	100
67) Ethyl Benzene	10.23	91	630528	49.973	ug/l	98
68) m/p-Xylenes	10.34	106	489020	102.013	ug/l	100
69) o-Xylene	10.68	106	233545	51.710	ug/l	97
70) Stvrene	10.70	104	410898	53.739	ug/l	98
71) Bromoform	10.84	173	138560	51.918	ug/l #	97
73) Isopropylbenzene	11.00	105	647258	51.863	ug/l	100
74) N-amyl acetate	10.88	43	238706	48.344	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	204135	49.075	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	197448m	48.032	ug/l	
77) Bromobenzene	11.24	156	177881	51.887	ug/l	96
78) n-propylbenzene	11.34	91	725531	51.019	ug/l	99
79) 2-Chlorotoluene	11.40	91	448480	50.592	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	547274	51.266	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	66131	45.591	ug/l	96
82) 4-Chlorotoluene	11.49	91	531805	50.454	ug/l	100
83) tert-Butylbenzene	11.76	119	552356	51.667	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	558847	51.498	ug/l	100
85) sec-Butylbenzene	11.93	105	616429	51.183	ug/l	99
86) p-Isopropyltoluene	12.05	119	592451	51.852	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	309672	49.185	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	305747	47.942	ug/l	98
89) n-Butylbenzene	12.37	91	487629	49.119	ug/l	99
90) Hexachloroethane	12.58	117	97559	45.928	ug/l	87
91) 1,2-Dichlorobenzene	12.38	146	294654	49.165	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	50521	47.490	ug/l	90
93) 1,2,4-Trichlorobenzene	13.63	180	203329	52.884	ug/l	98

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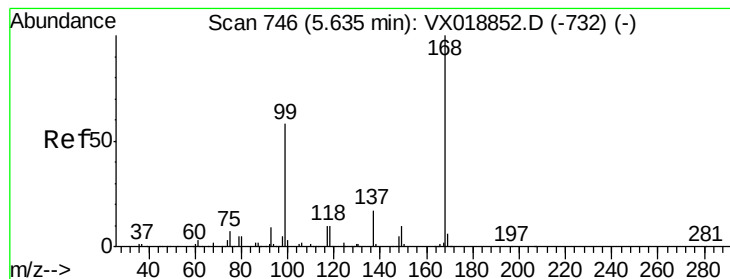
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	95110	55.693	ug/l	96
95) Naphthalene	13.82	128	624837	48.758	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	207483	55.156	ug/l	97

(#) = 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: VX018922.D

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Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

Tot Ion:168 Resp: 241518

Ion Ratio Lower Upper

168 100

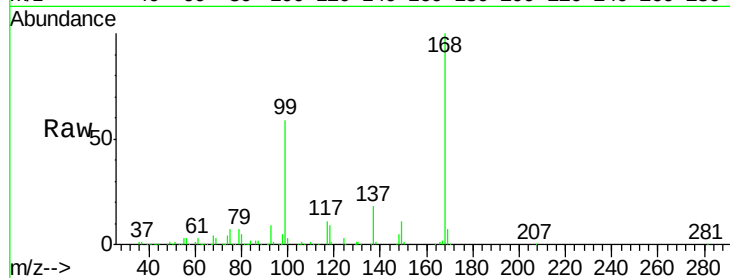
99 59.2 46.1 69.1

Manual Integrations

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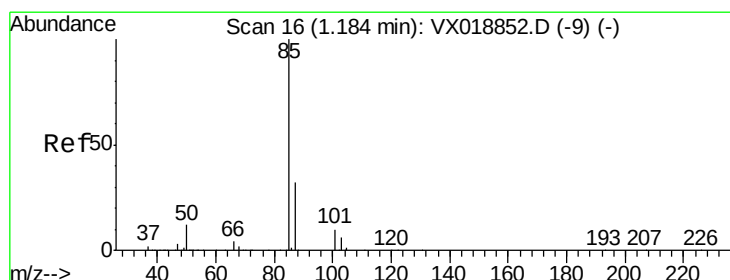
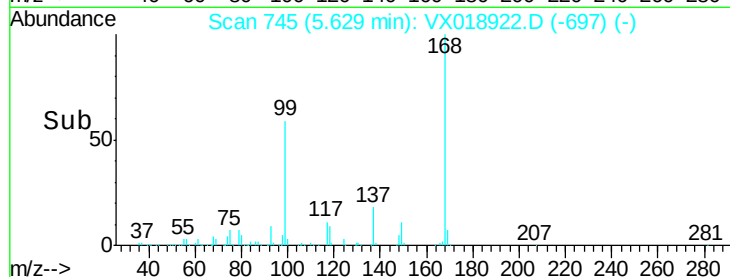
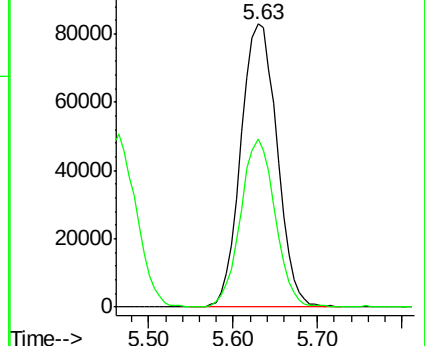
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 45.898 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018922.D

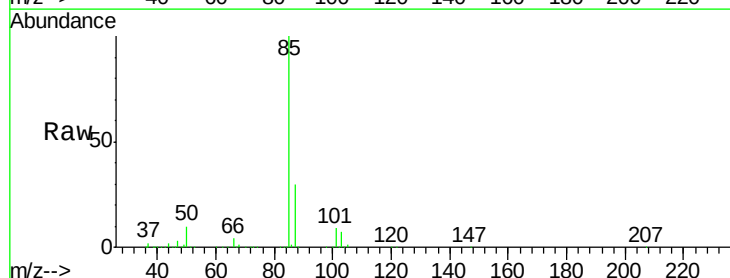
Acq: 12 Oct 2020 22:25

Tgt Ion: 85 Resp: 130692

Ion Ratio Lower Upper

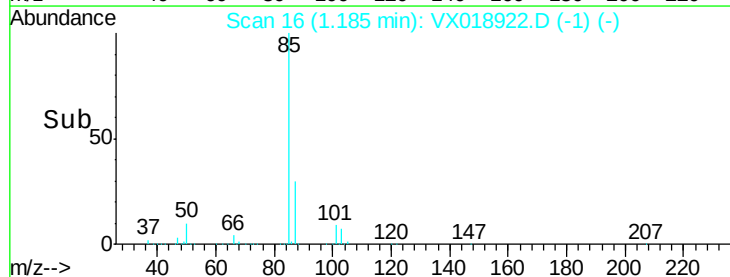
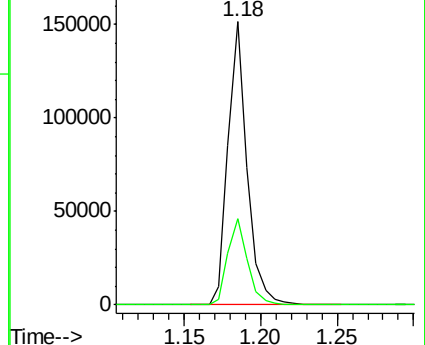
85 100

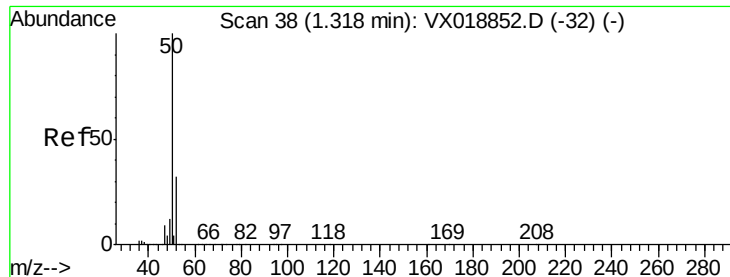
87 30.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.898 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

Tot Ion: 50 Resp: 106162

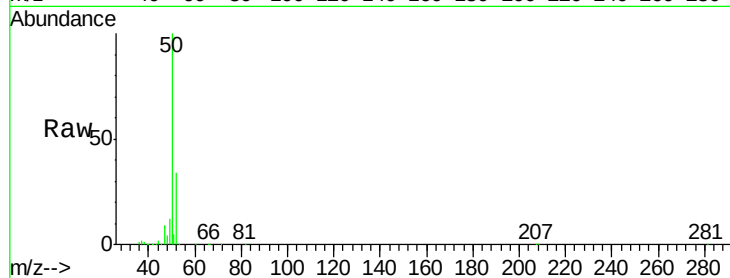
Ion Ratio Lower Upper

50 100

52 33.6 25.2 37.8

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

120000

100000

80000

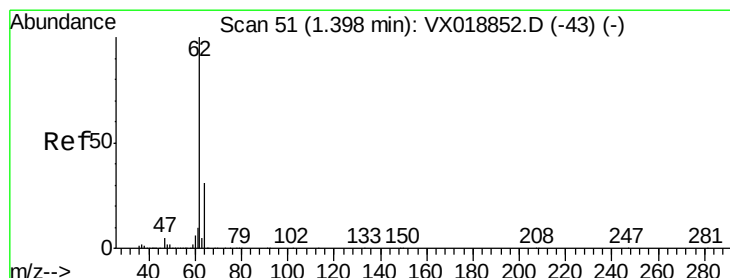
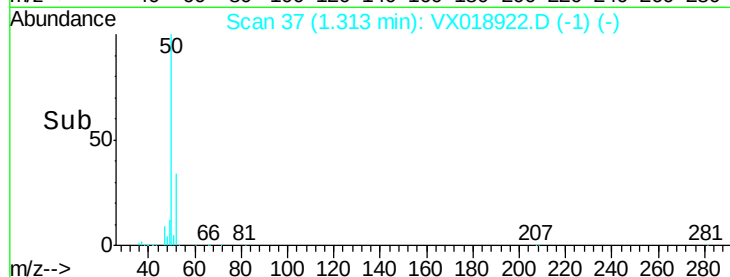
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 50.778 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018922.D

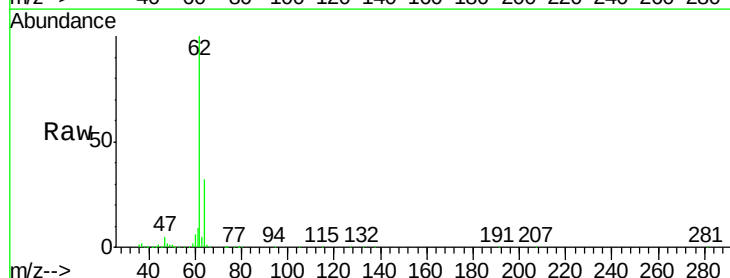
Acq: 12 Oct 2020 22:25

Tgt Ion: 62 Resp: 128488

Ion Ratio Lower Upper

62 100

64 31.7 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

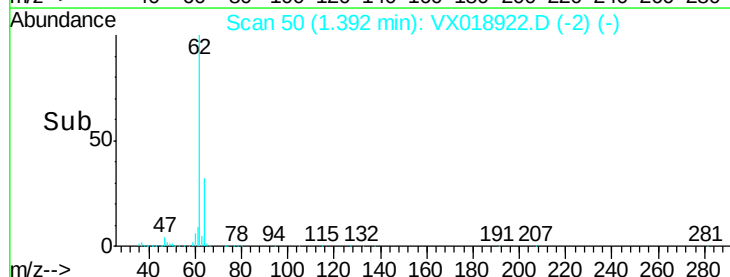
150000

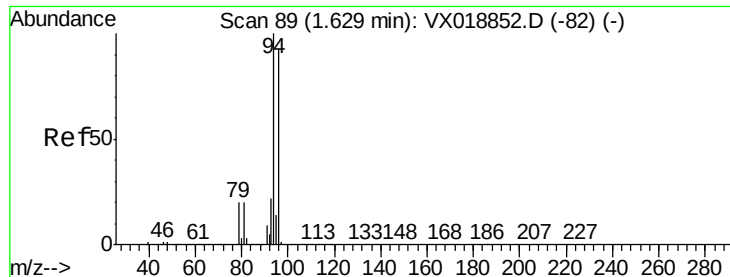
100000

50000

0

Time-->





#5

Bromomethane

Concen: 52.178 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

Tot Ion: 94 Resp: 73534

Ion Ratio Lower Upper

94 100

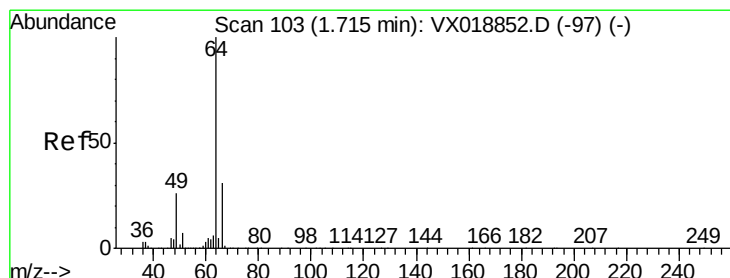
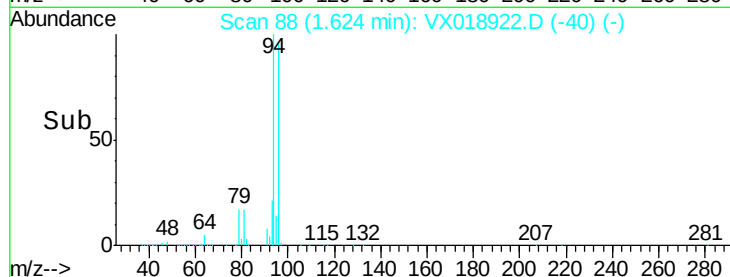
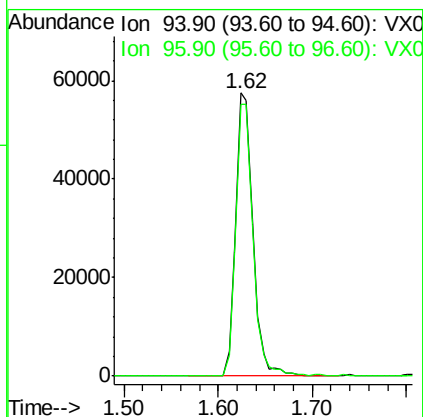
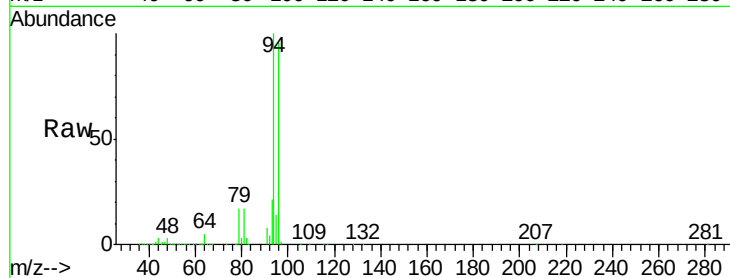
96 96.0 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 47.475 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX018922.D

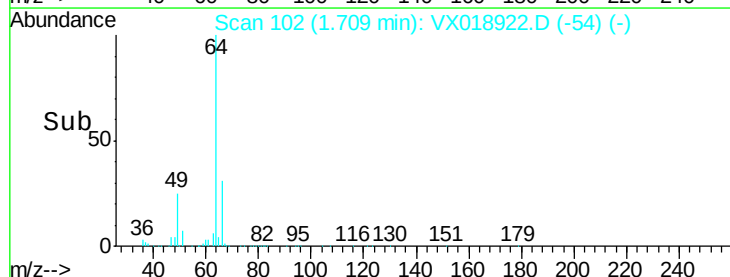
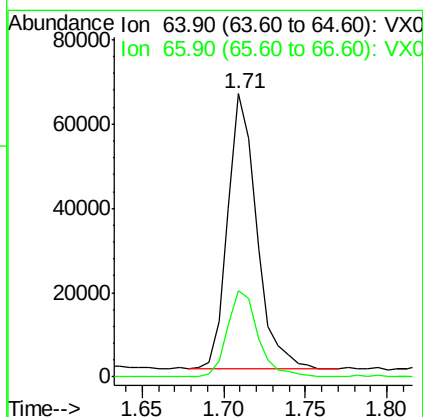
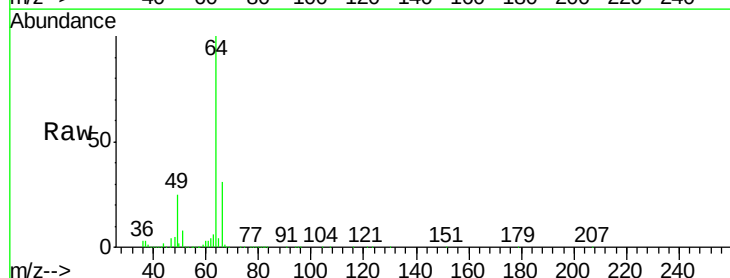
Acq: 12 Oct 2020 22:25

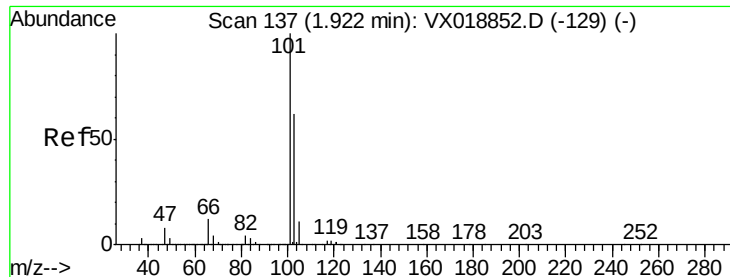
Tgt Ion: 64 Resp: 80458

Ion Ratio Lower Upper

64 100

66 31.2 24.7 37.1





#7

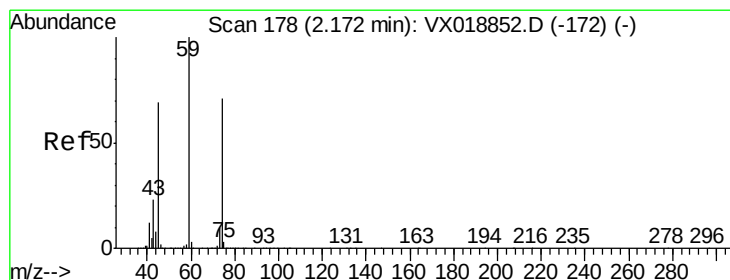
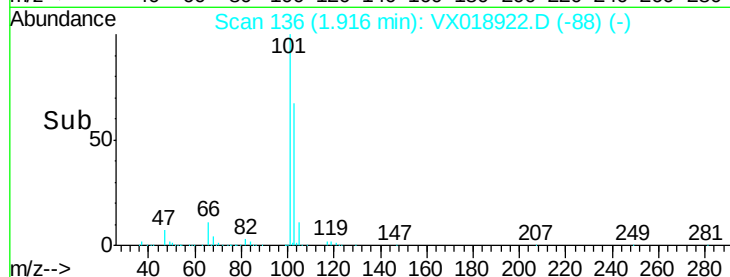
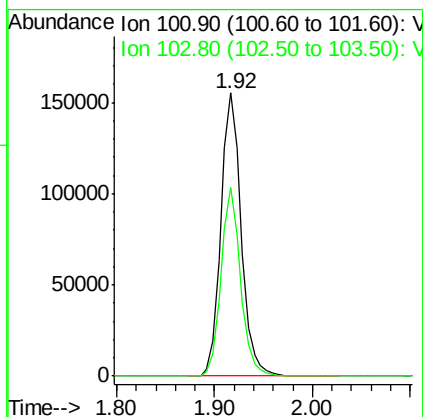
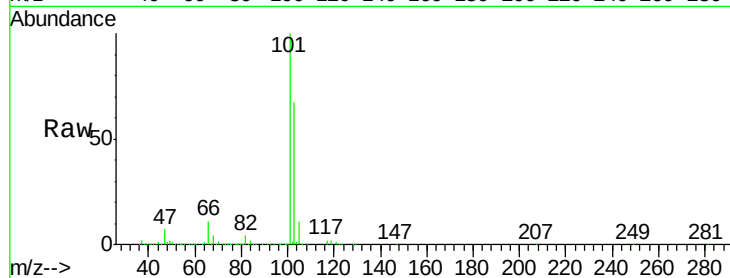
Trichlorofluoromethane
Concen: 44.736 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018922.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		223130		
103	66.6	50.0	75.0		

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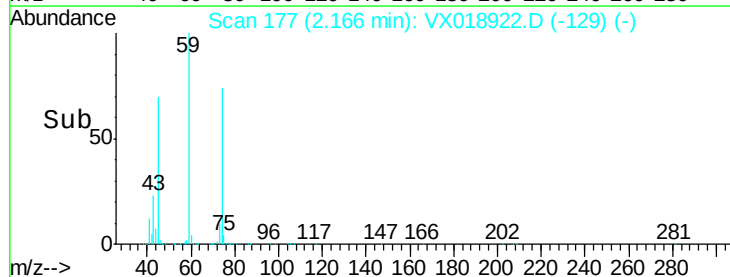
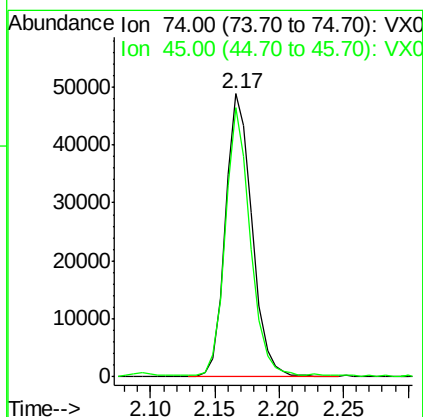
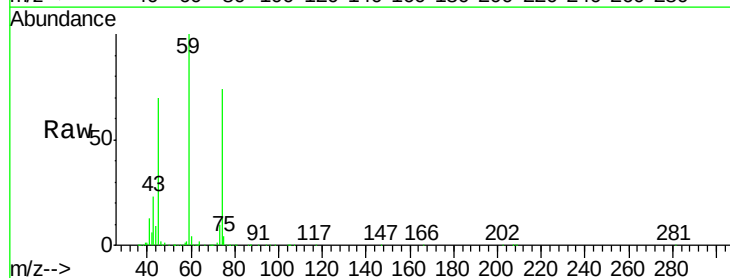
MMDadoda
10/13/2020 2:19:20 PM

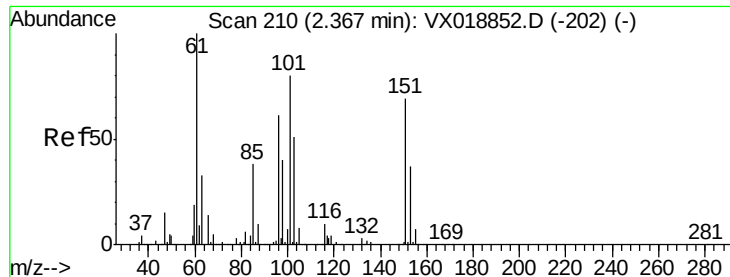


#8

Diethyl Ether
Concen: 50.713 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		70510		
45	89.3	47.0	141.2		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.748 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

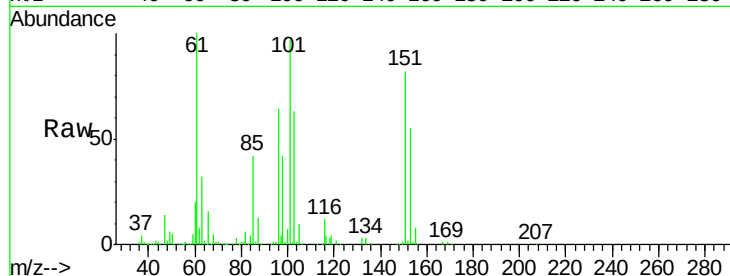
ClientSampleId :

FC-MW07S-20201003MSD

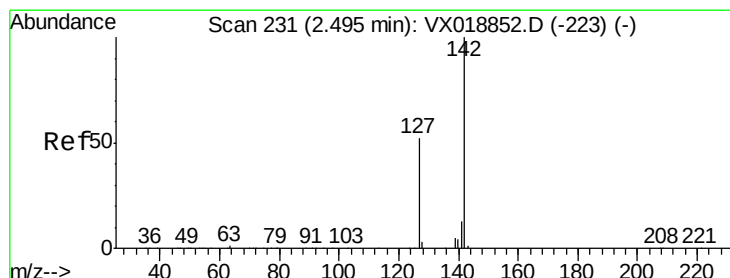
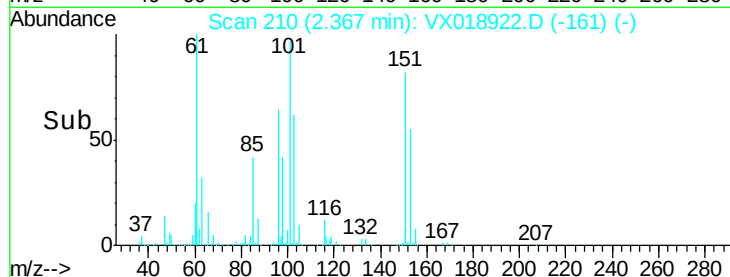
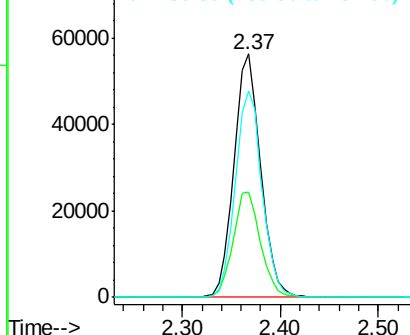
Tot Ion:	101	Resp:	107191
Ion Ratio	Lower	Upper	
101	100		
85	44.2	36.6	55.0
151	84.8	67.2	100.8

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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: 51.284 ug/l

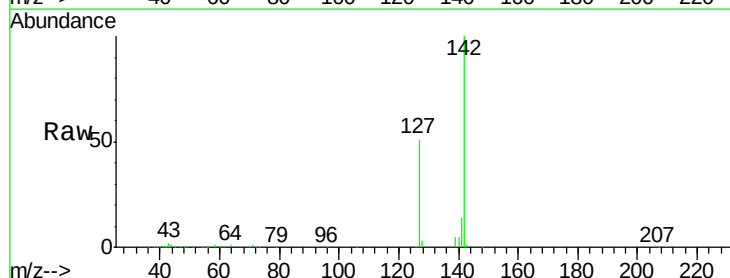
RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

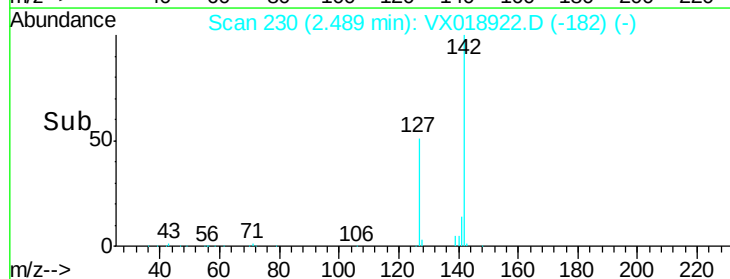
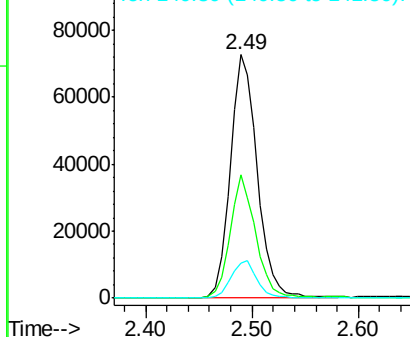
Lab File: VX018922.D

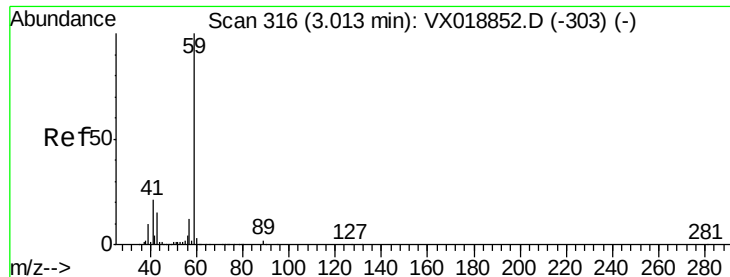
Acq: 12 Oct 2020 22:25

Tgt Ion:	142	Resp:	129354
Ion Ratio	Lower	Upper	
142	100		
127	48.4	42.0	63.0
141	14.8	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

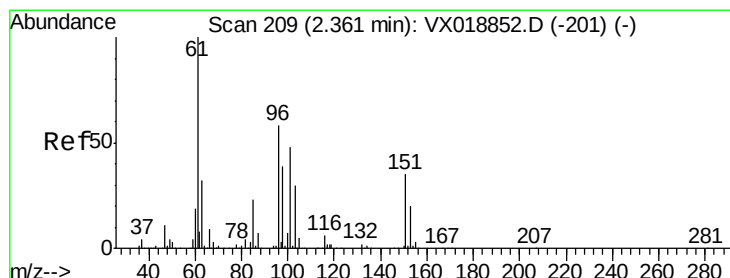
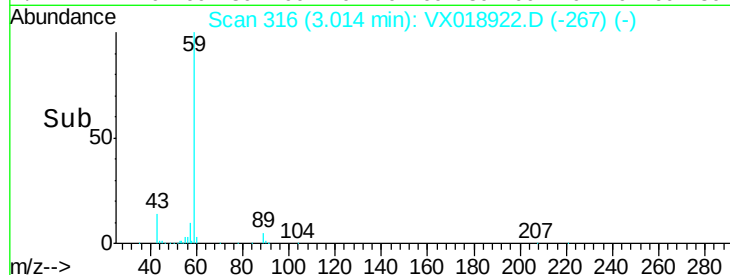
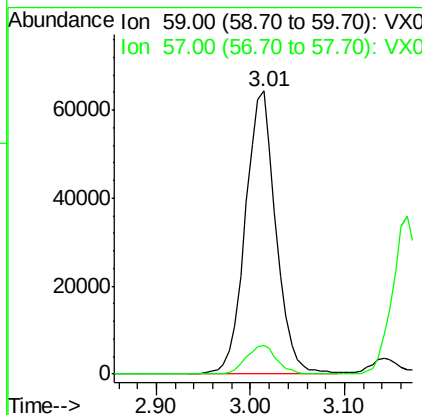
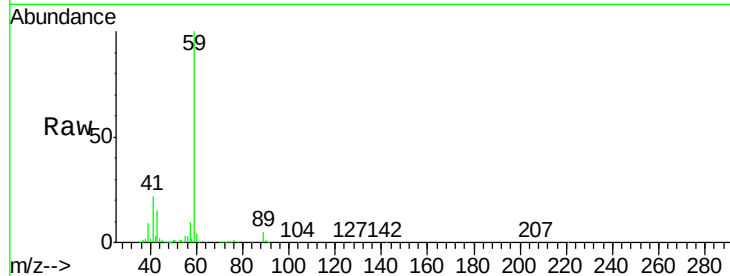
Tert butyl alcohol
Concen: 260.763 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	9.0	13.6

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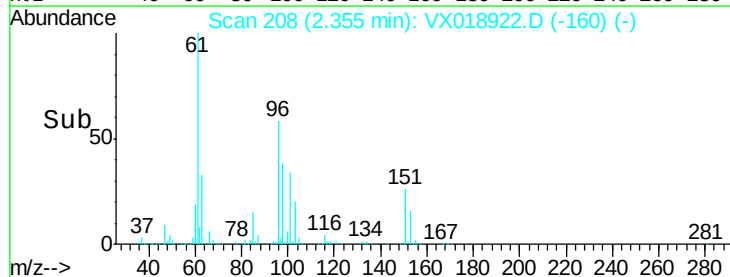
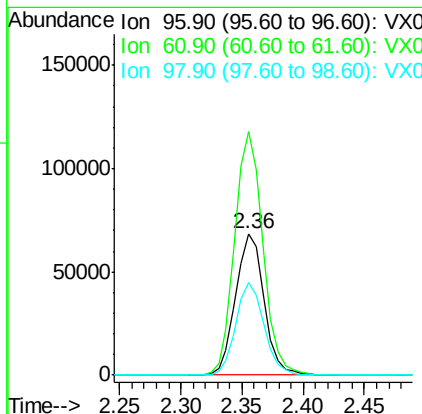
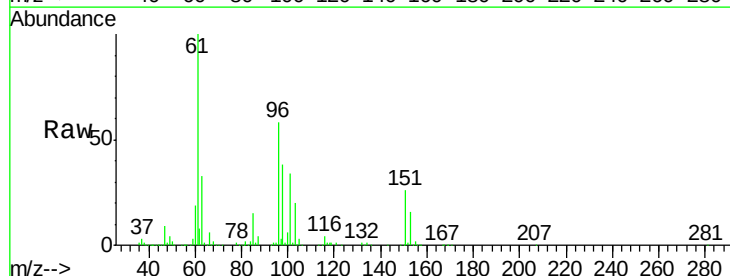
MMDadoda
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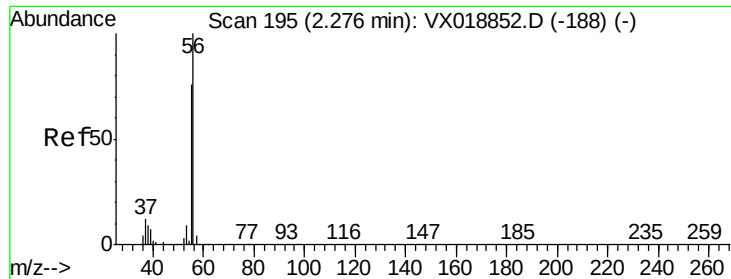


#12

1,1-Dichloroethene
Concen: 49.550 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.9	137.0	205.6
98	65.7	53.9	80.9





#13

Acrolein

Concen: 240.203 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

Tot Ion: 56 Resp: 112124

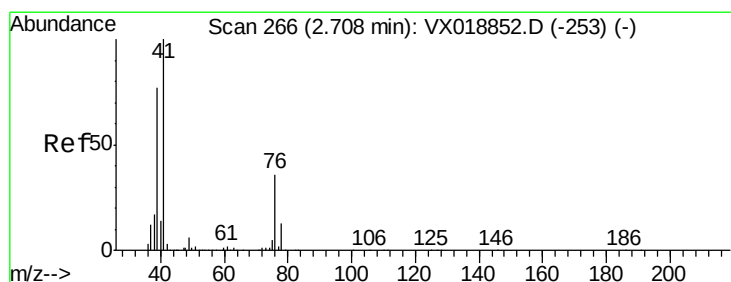
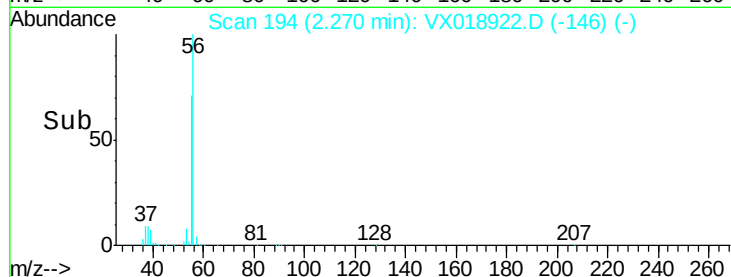
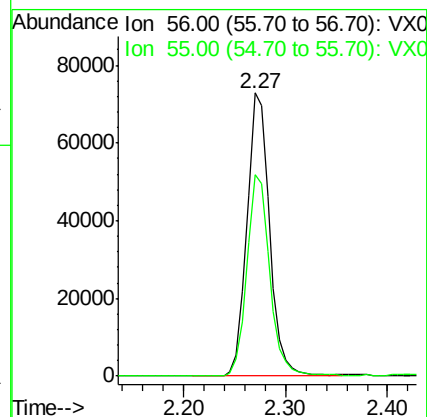
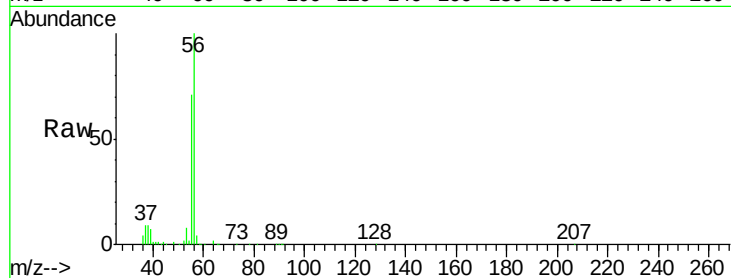
Ion Ratio Lower Upper

56 100

55 71.4 58.6 87.8

Manual Integrations
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#14

Allyl chloride

Concen: 47.162 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

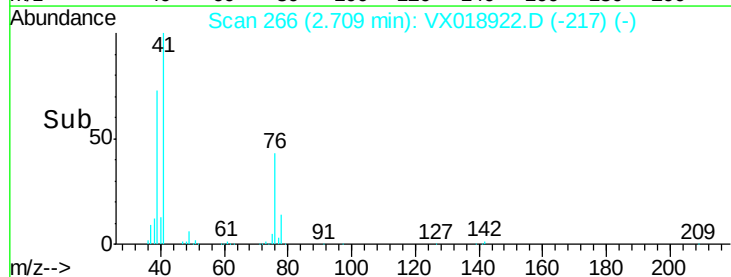
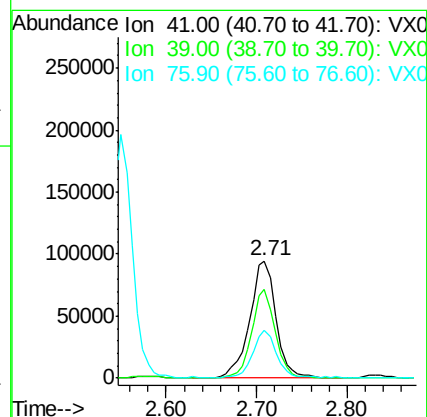
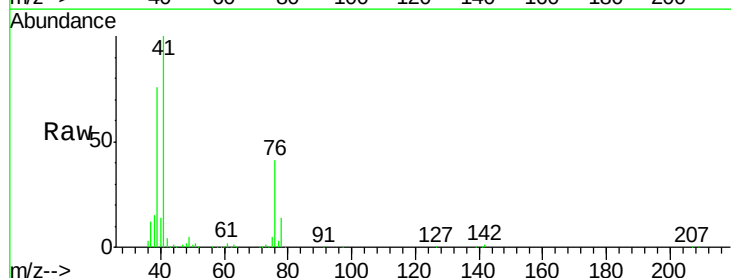
Tgt Ion: 41 Resp: 190725

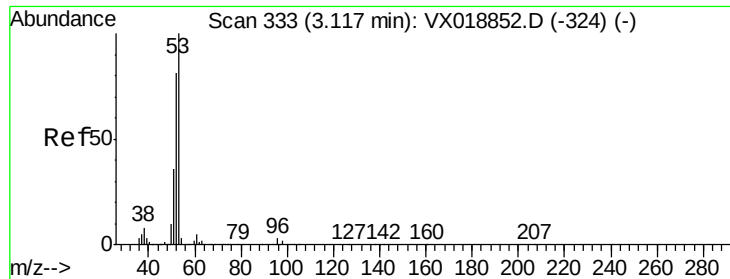
Ion Ratio Lower Upper

41 100

39 67.2 57.8 86.8

76 35.3 26.8 40.2





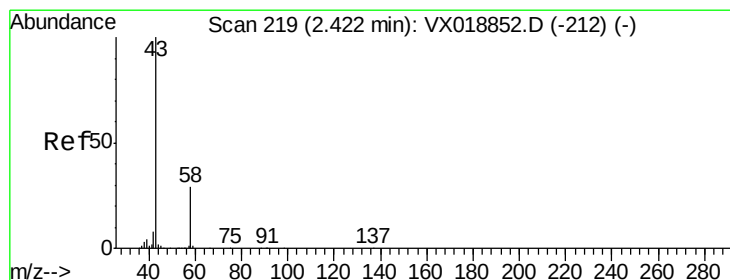
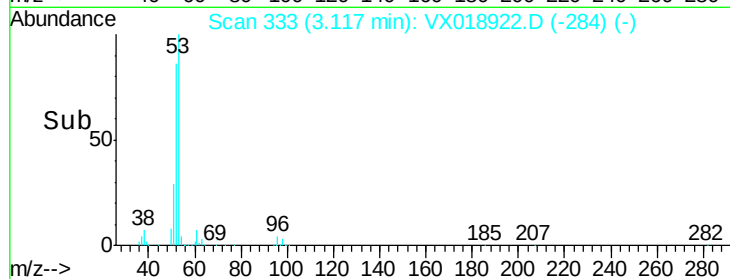
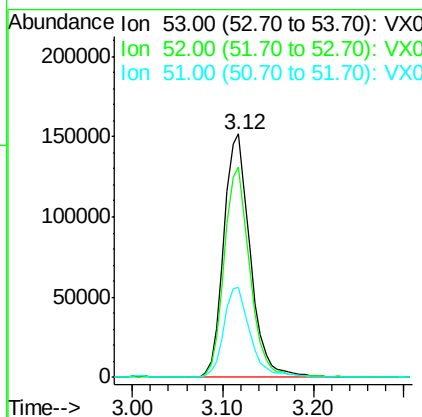
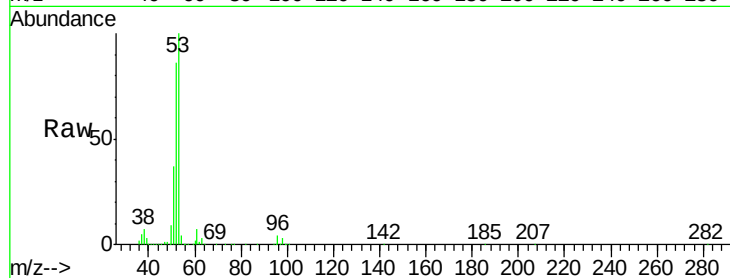
#15
 Acrylonitrile
 Concen: 260.250 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MSD

Tot Ion:	53	Resp:	309661
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.7	100.1
51	36.9	30.3	45.5

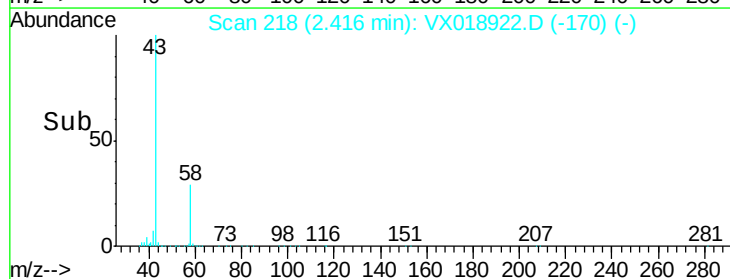
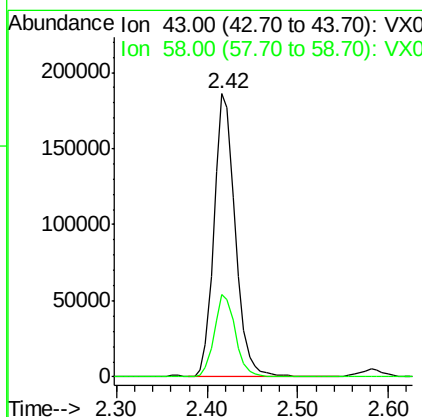
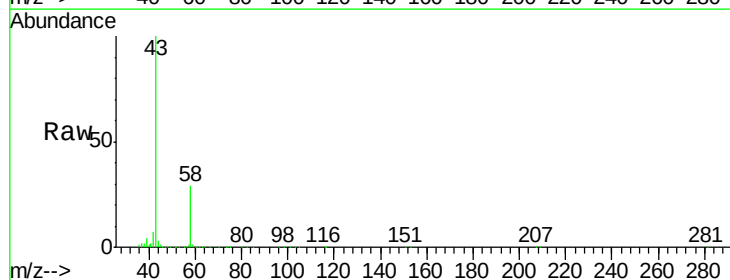
Manual Integrations
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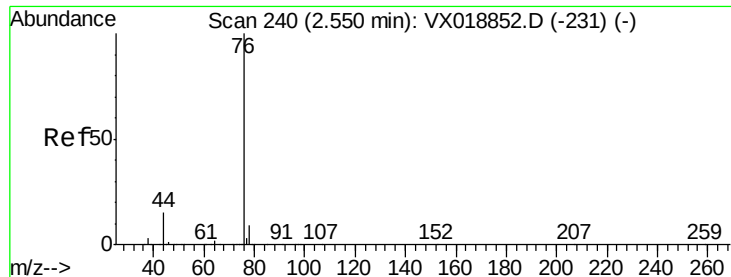
MMDadoda
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#16
 Acetone
 Concen: 228.250 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Tgt Ion:	43	Resp:	307502
Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.0	34.4





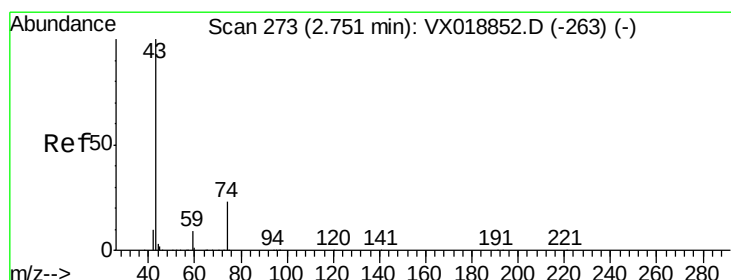
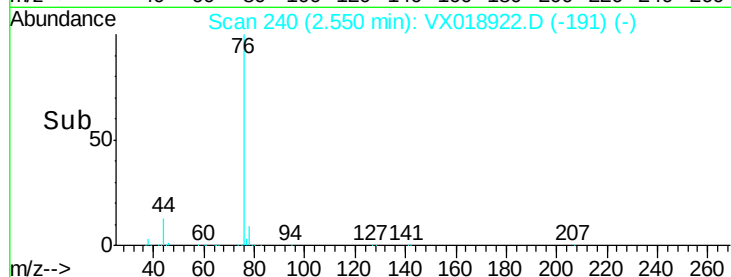
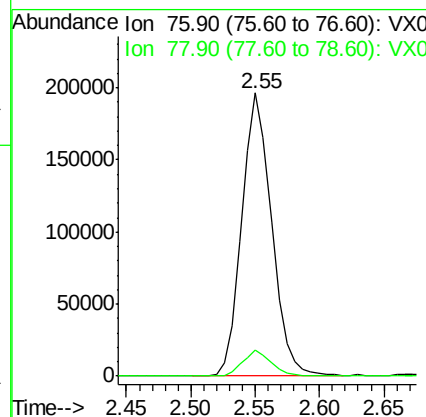
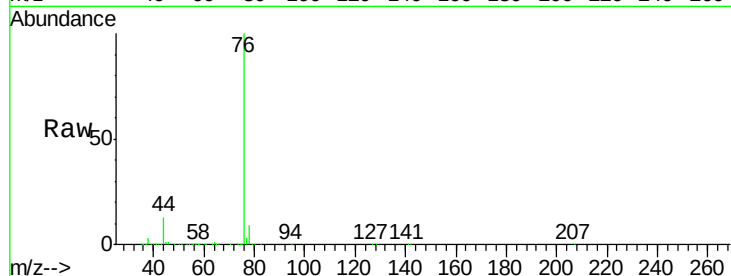
#17
Carbon Disulfide
Concen: 48.221 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

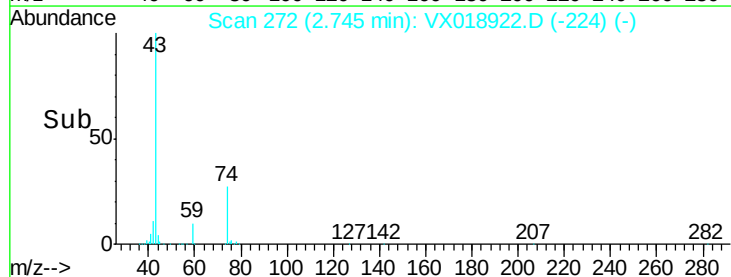
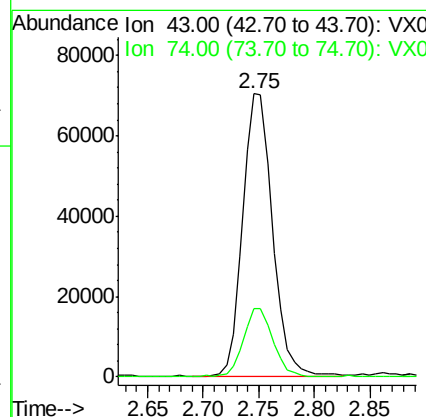
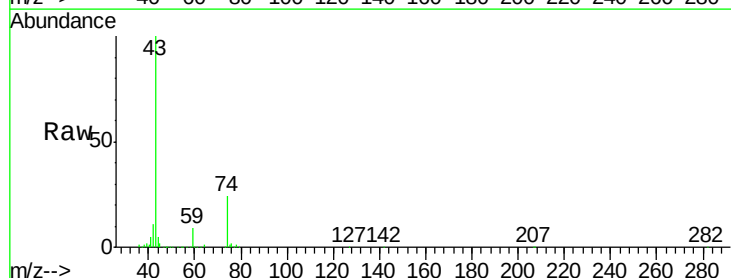
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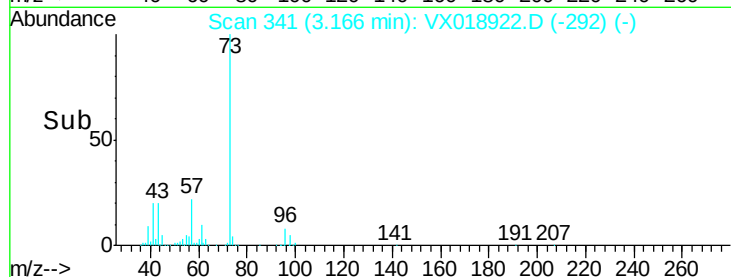
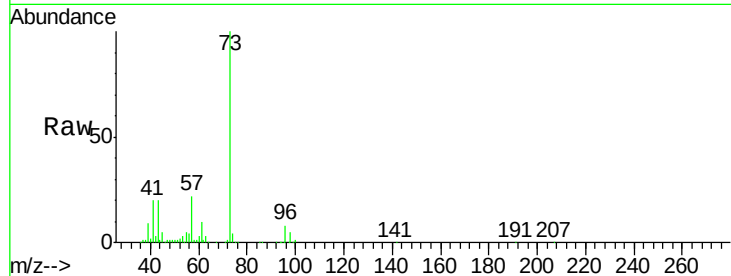
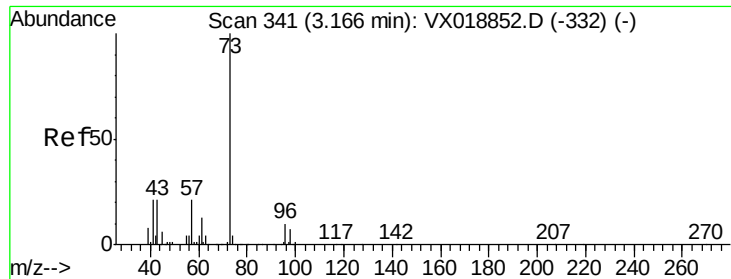
MMDadoda
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#18
Methyl Acetate
Concen: 44.103 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	18.9	28.3





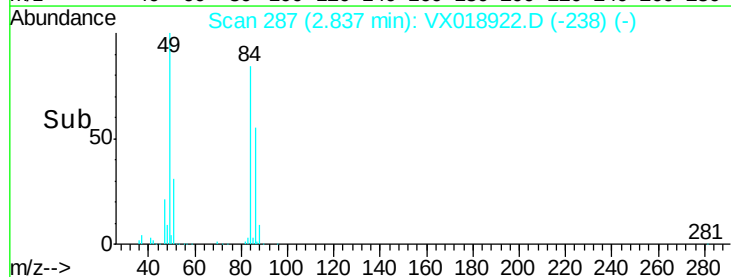
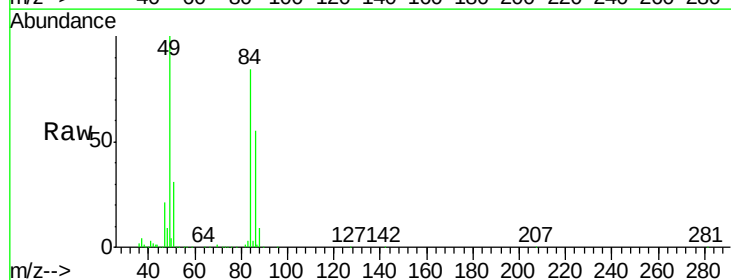
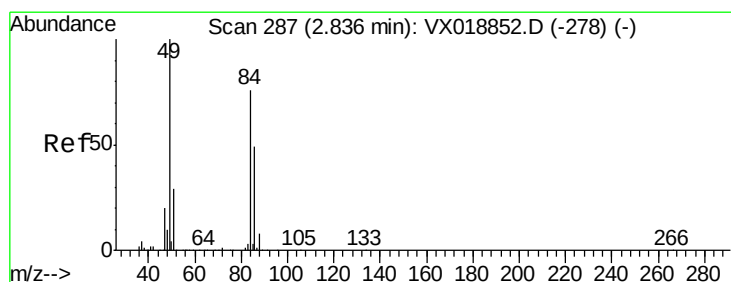
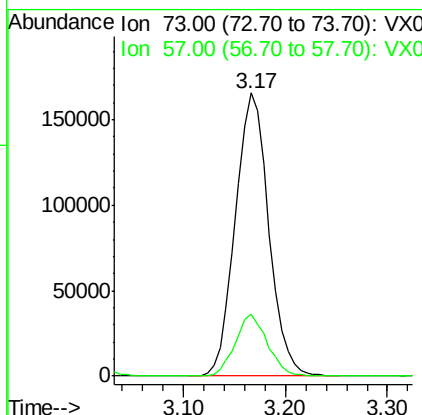
#19
Methyl tert-butyl Ether
Concen: 50.362 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	16.7	25.1

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

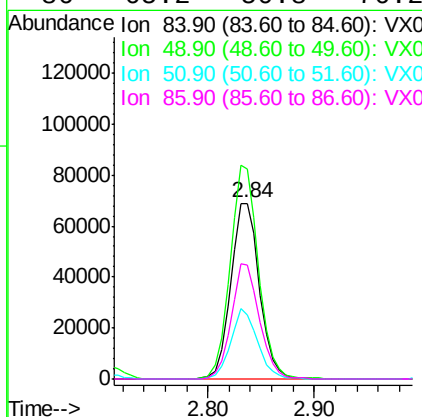
Manual Integrations
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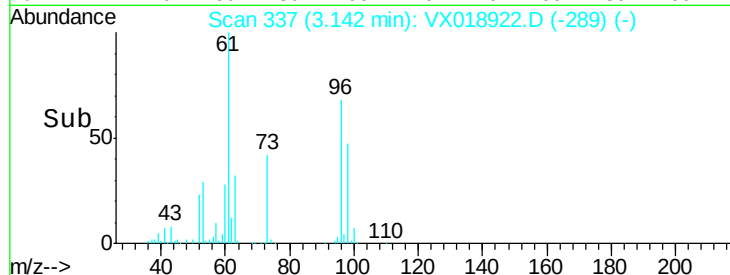
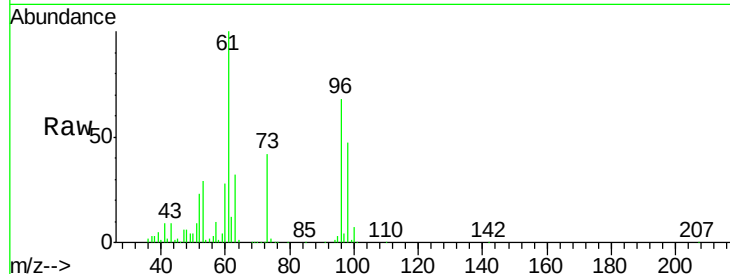
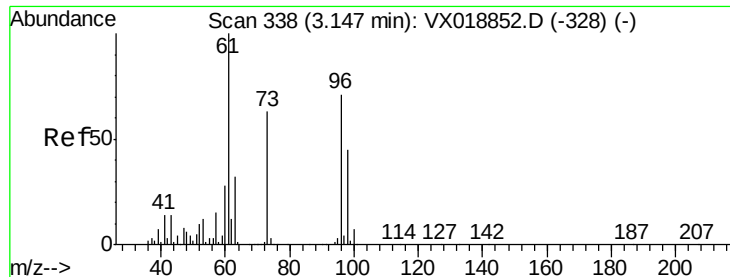
MMDadoda
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#20
Methylene Chloride
Concen: 51.125 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.0	104.8	157.2
51	36.6	30.6	46.0
86	65.2	50.8	76.2





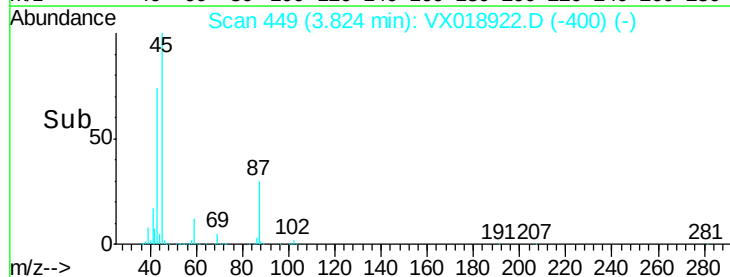
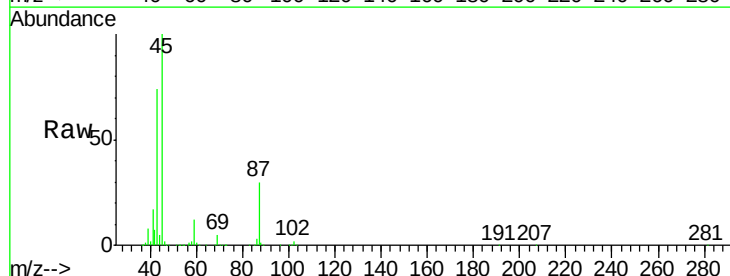
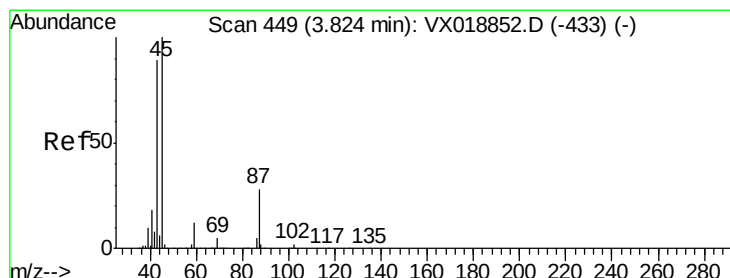
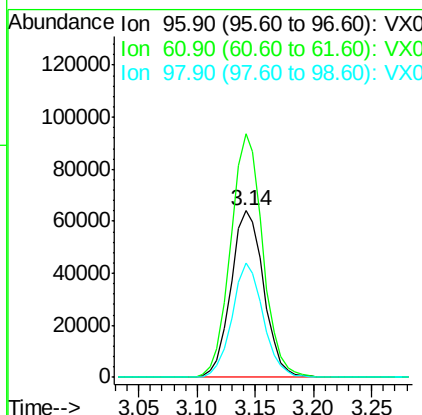
#21
trans-1,2-Dichloroethene
Concen: 48.592 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.01 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.4	112.0	168.0
98	68.6	50.2	75.2

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

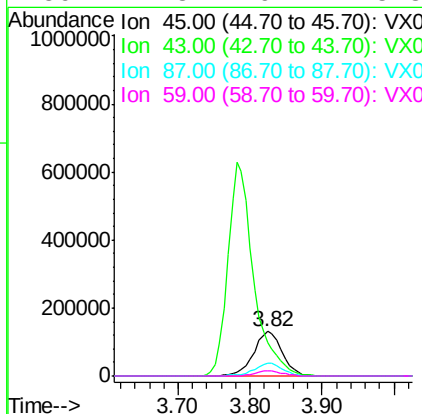
Manual Integrations
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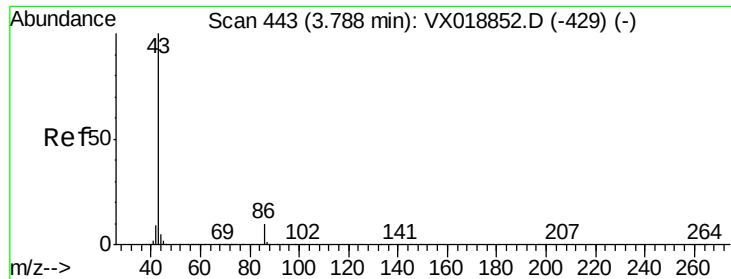
MMDadoda
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#22
Diisopropyl ether
Concen: 49.385 ug/l
RT: 3.82 min Scan# 449
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
45	100		
43	73.5	71.2	106.8
87	29.6	22.5	33.7
59	11.8	9.2	13.8





#23

Vinyl Acetate

Concen: 224.289 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

Tot Ion: 43 Resp: 1561244

Ion Ratio Lower Upper

43 100

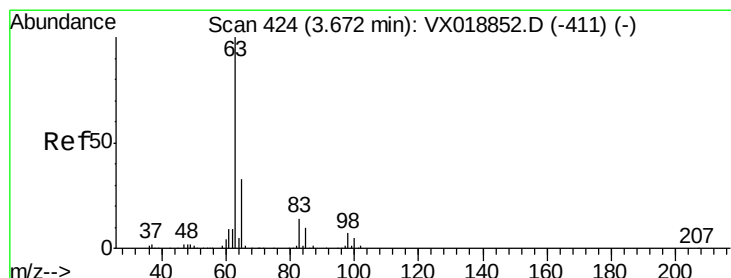
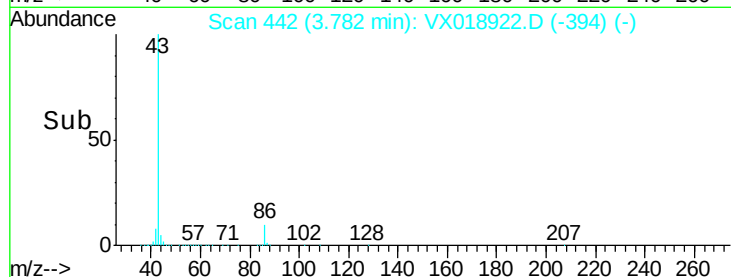
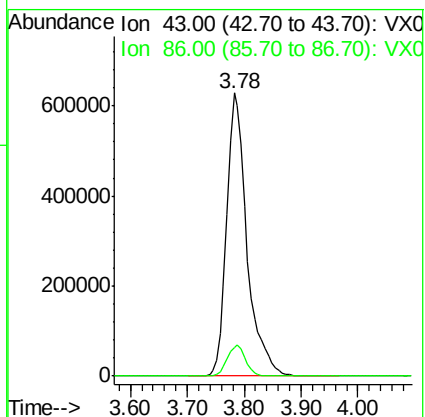
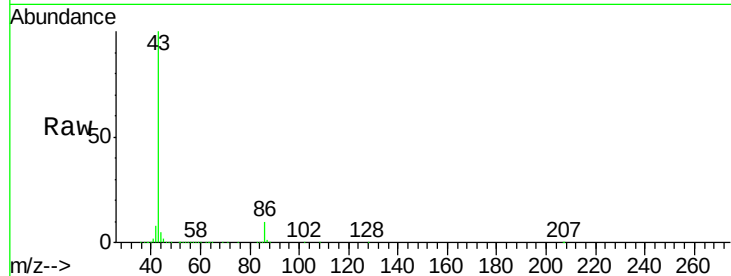
86 10.2 8.3 12.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.369 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

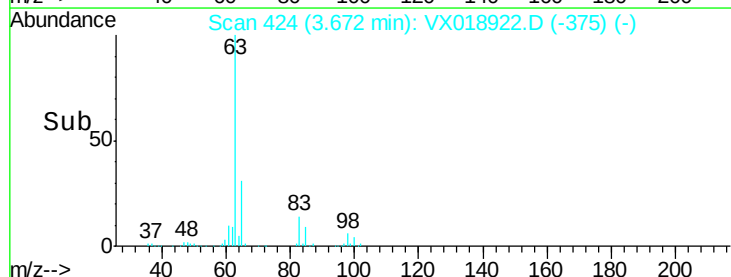
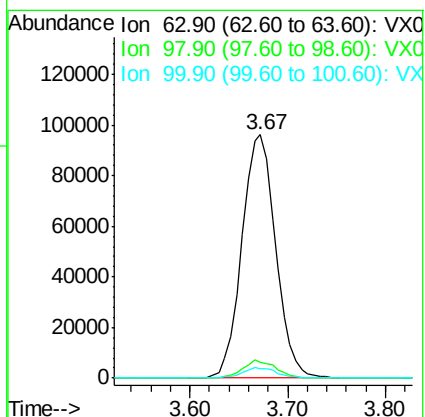
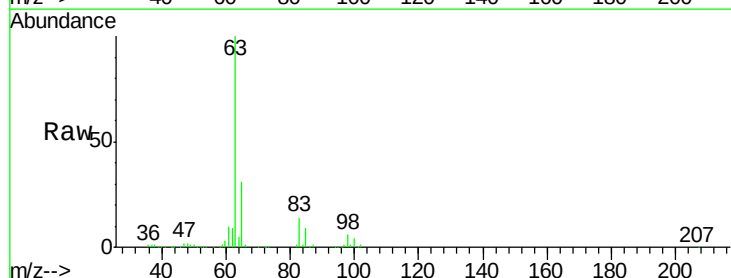
Tgt Ion: 63 Resp: 230509

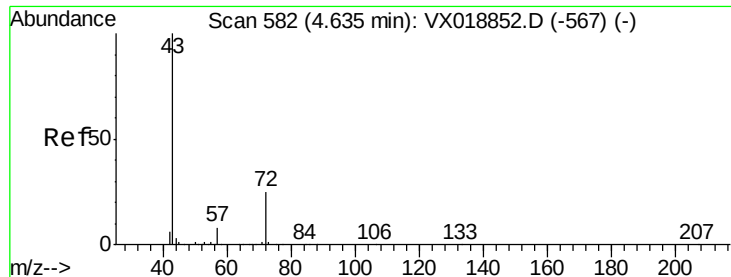
Ion Ratio Lower Upper

63 100

98 6.3 3.8 11.2

100 4.1 2.5 7.6





#25

2-Butanone

Concen: 244.021 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

Tot Ion: 43 Resp: 470812

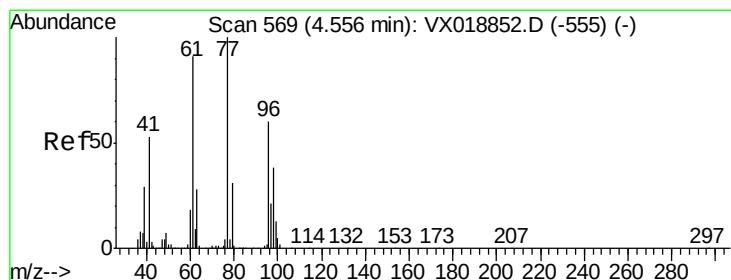
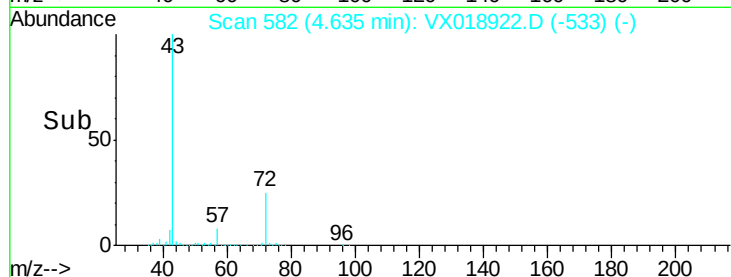
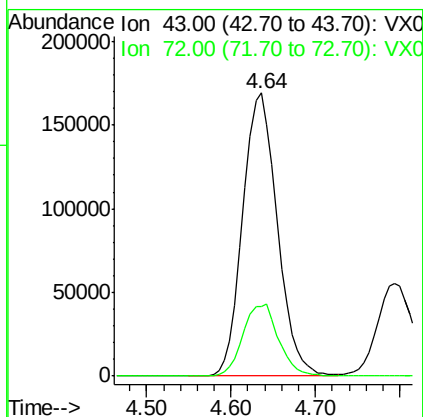
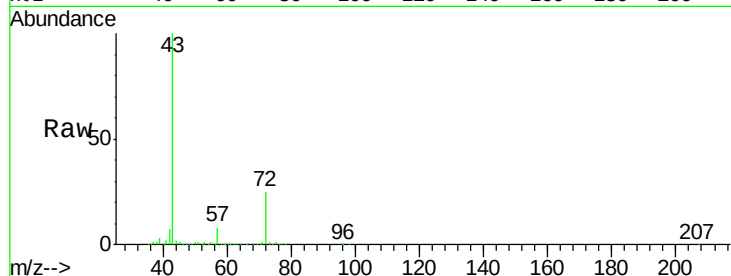
Ion Ratio Lower Upper

43 100

72 24.7 20.2 30.4

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#26

2,2-Dichloropropane

Concen: 36.423 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX018922.D

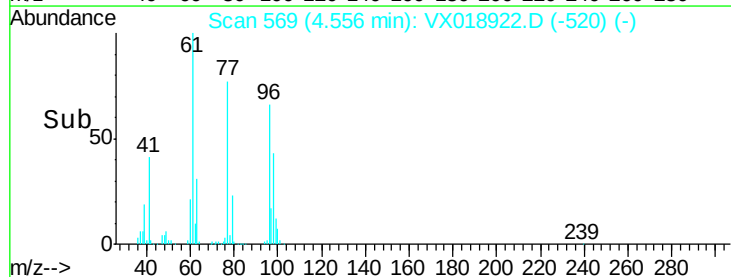
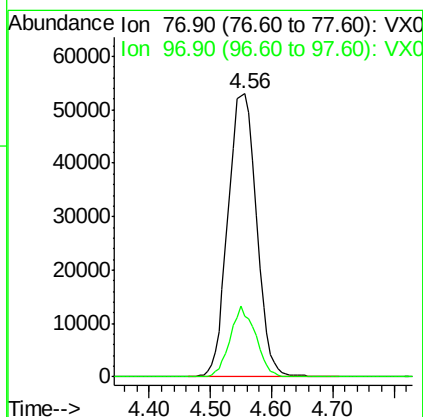
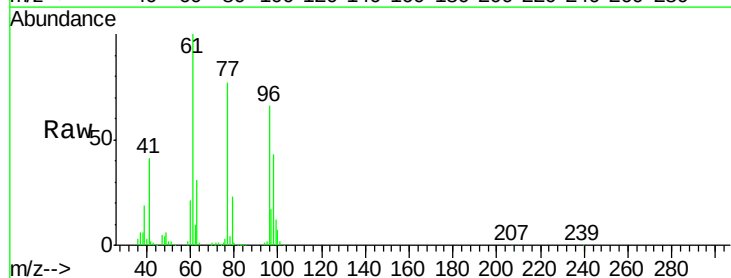
Acq: 12 Oct 2020 22:25

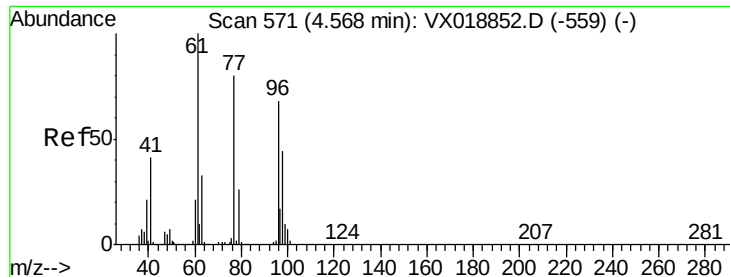
Tgt Ion: 77 Resp: 171009

Ion Ratio Lower Upper

77 100

97 22.2 10.4 31.4





#27

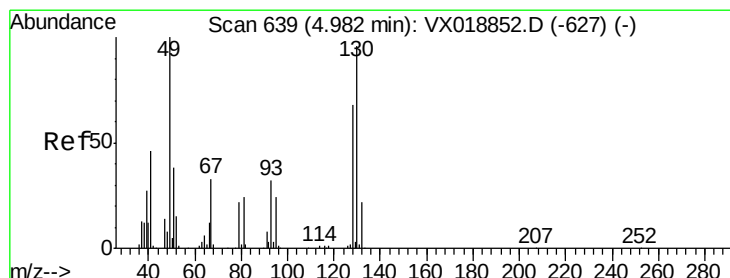
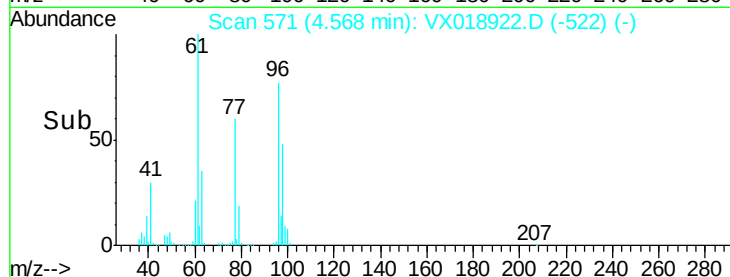
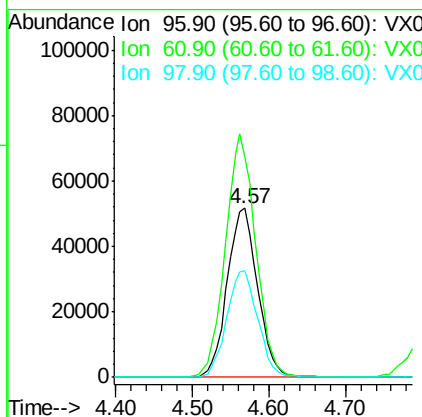
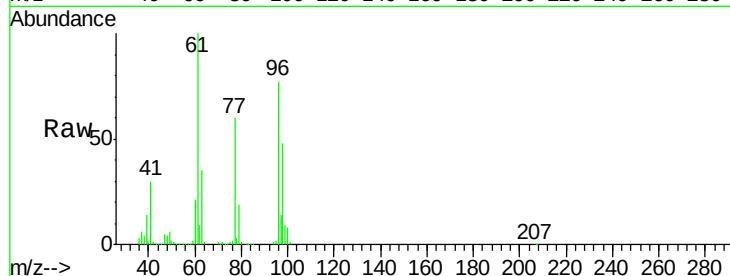
cis-1,2-Dichloroethene
Concen: 49.319 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	141691		
61	143.9	0.0	306.8	
98	64.4	0.0	130.2	

Manual Integrations
APPROVED

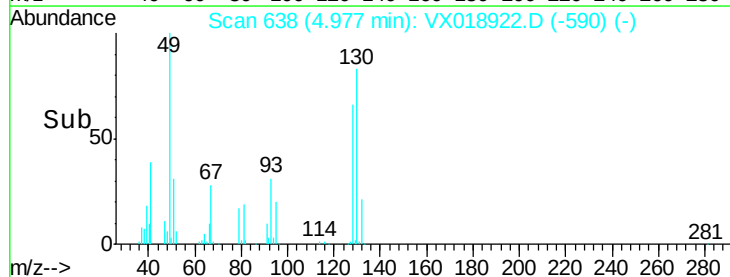
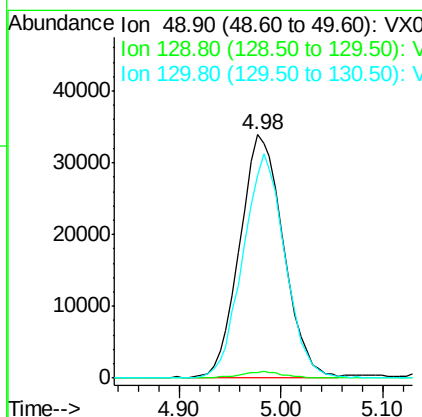
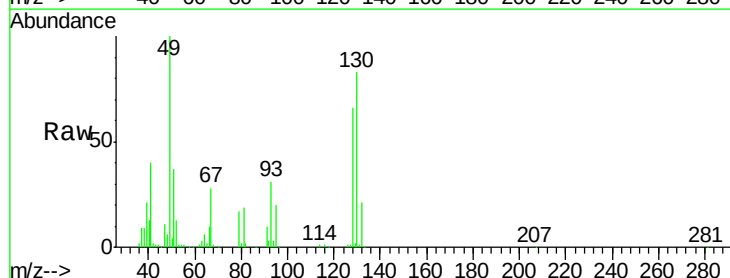
MMDadoda
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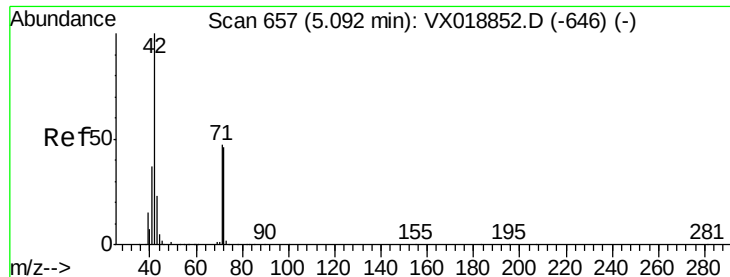


#28

Bromochloromethane
Concen: 47.020 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	100854		
129	2.6	0.0	5.4	
130	88.8	71.2	106.8	





#29

Tetrahydrofuran

Concen: 262.897 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

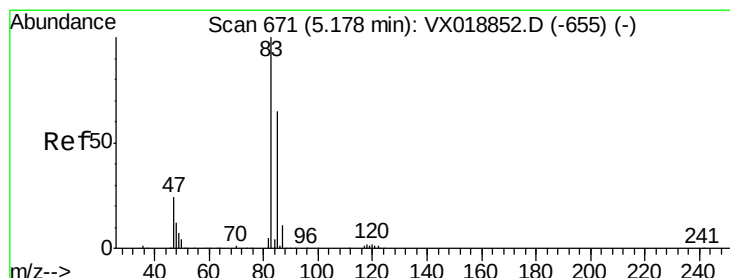
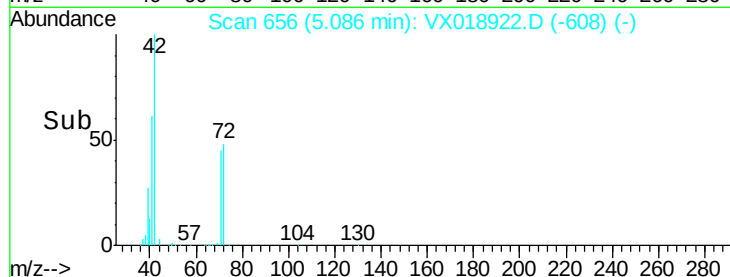
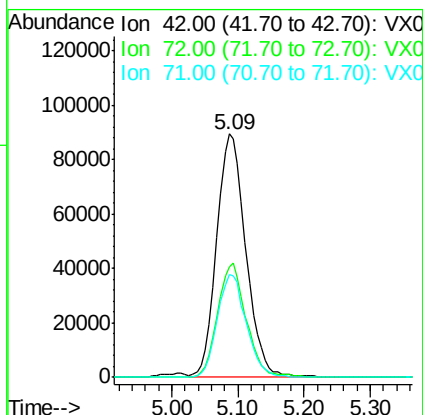
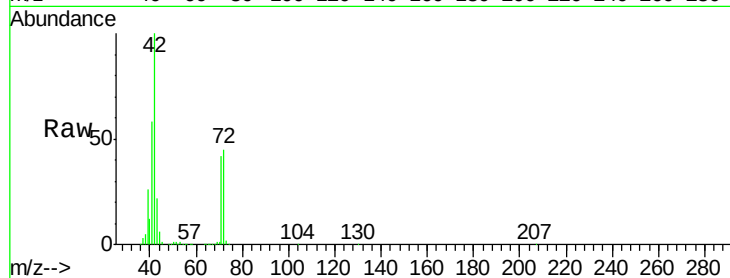
ClientSampleId :

FC-MW07S-20201003MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.5	36.4	54.6
71	42.0	35.2	52.8

Manual Integrations
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#30

Chloroform

Concen: 46.787 ug/l

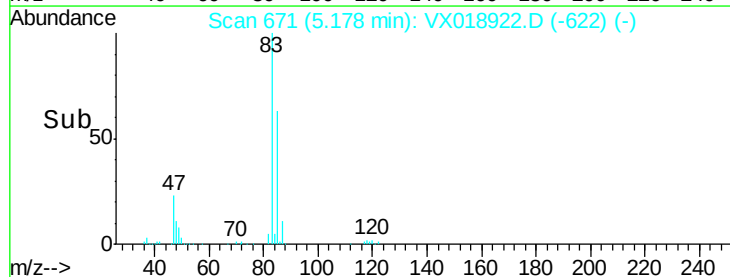
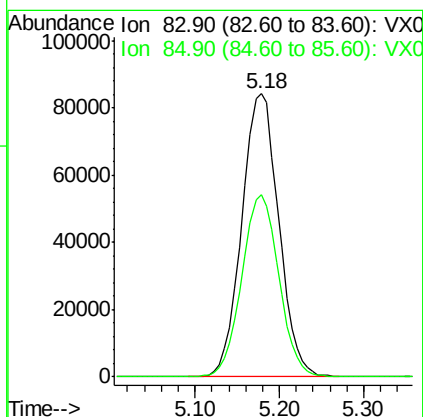
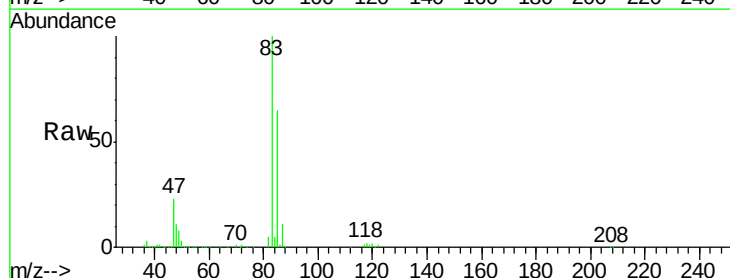
RT: 5.18 min Scan# 671

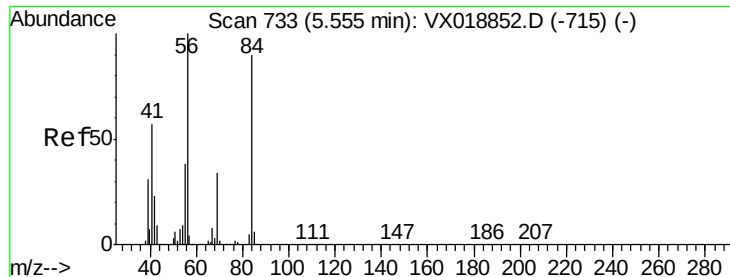
Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.8





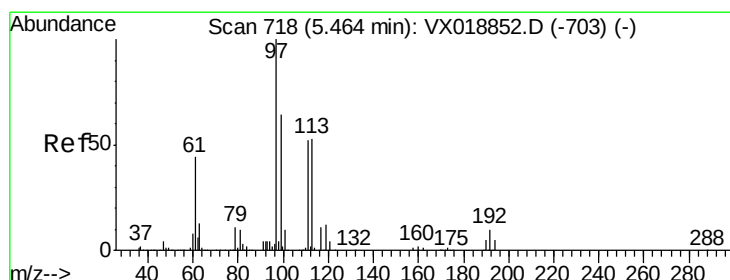
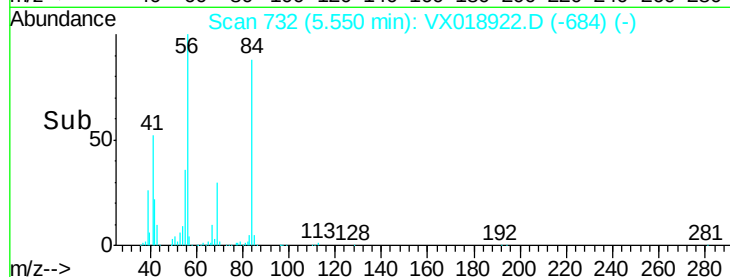
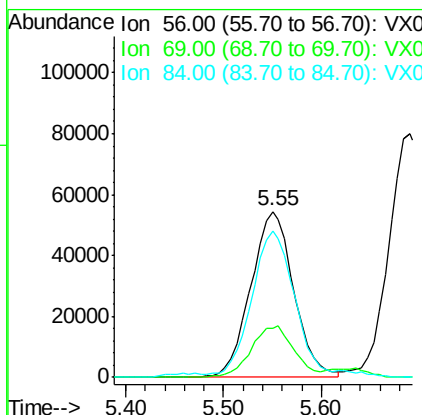
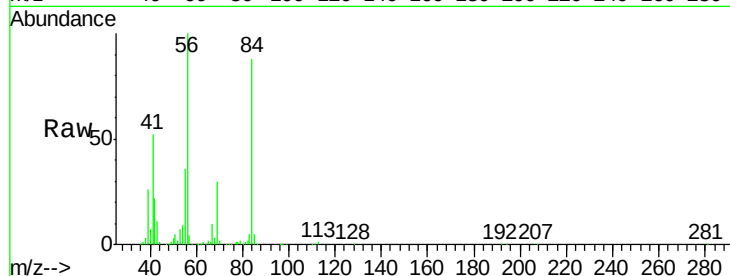
#31
Cyclohexane
Concen: 49.757 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.6	27.1	40.7
84	86.4	71.7	107.5

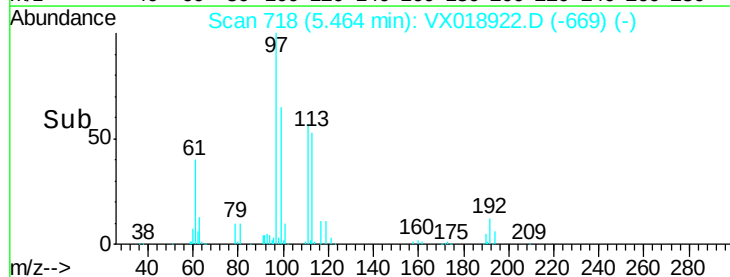
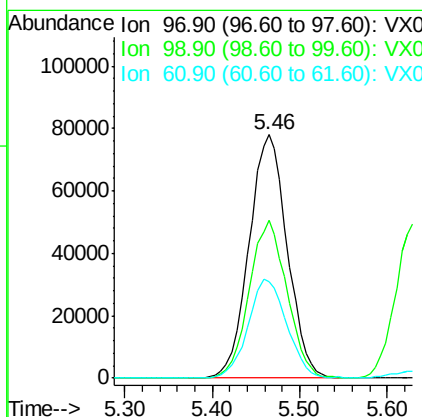
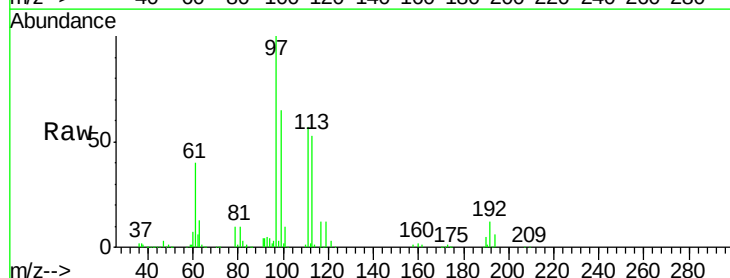
Manual Integrations
APPROVED

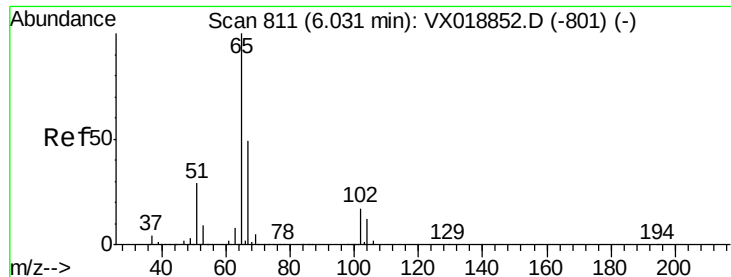
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 46.216 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.1	78.1
61	41.4	35.3	52.9





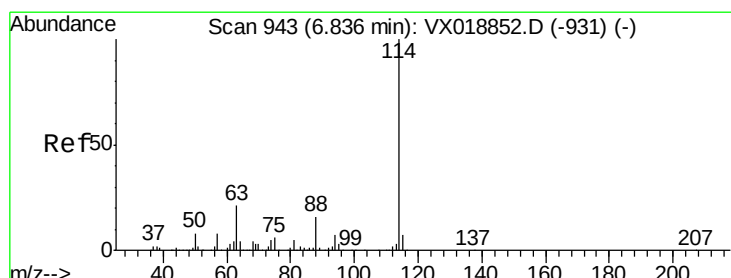
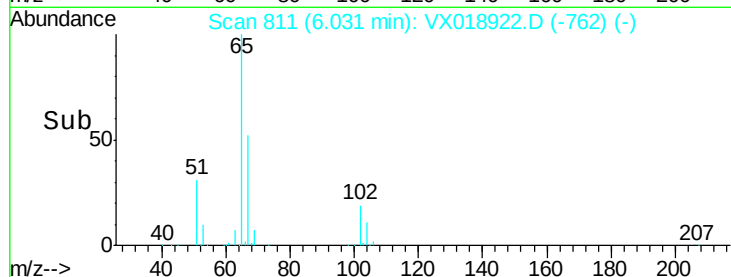
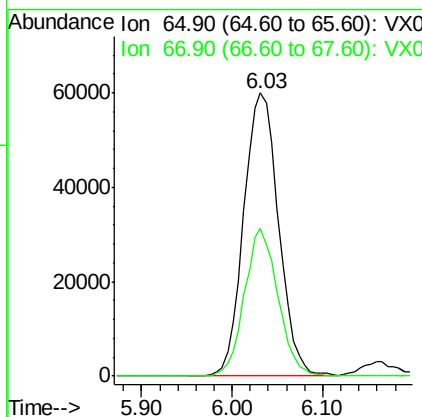
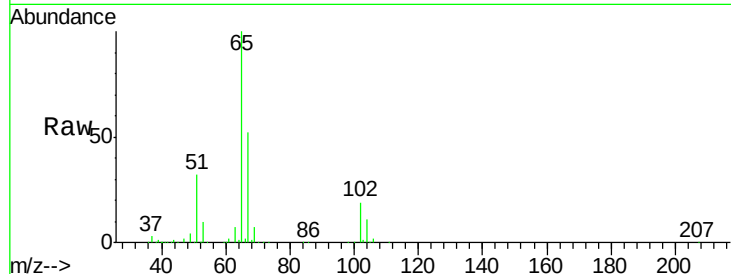
#33
 1,2-Dichloroethane-d4
 Concen: 45.051 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	160479		
67	49.7	0.0	97.0	

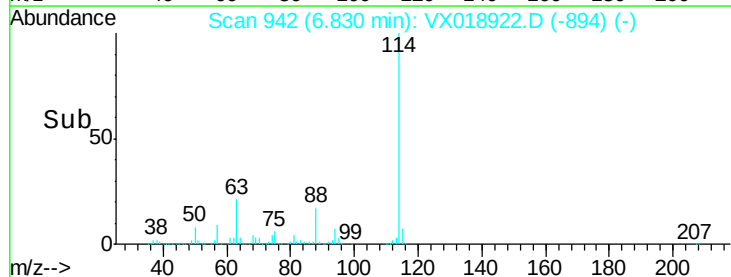
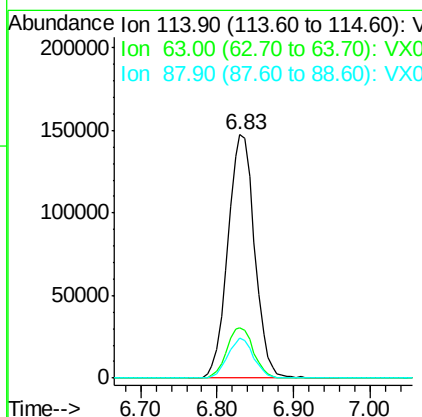
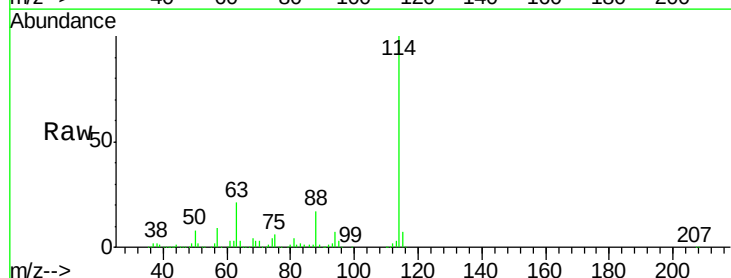
Manual Integrations
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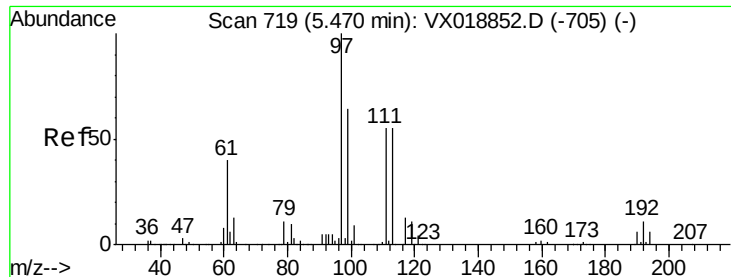
MMDadoda
 10/13/2020 2:19:20 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	355465		
63	20.5	0.0	42.4	
88	16.6	0.0	32.6	





#35

Dibromofluoromethane

Concen: 48.430 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

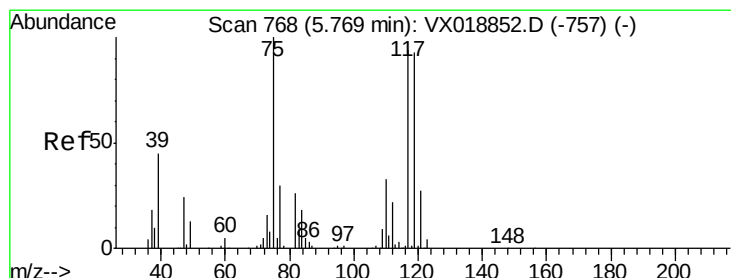
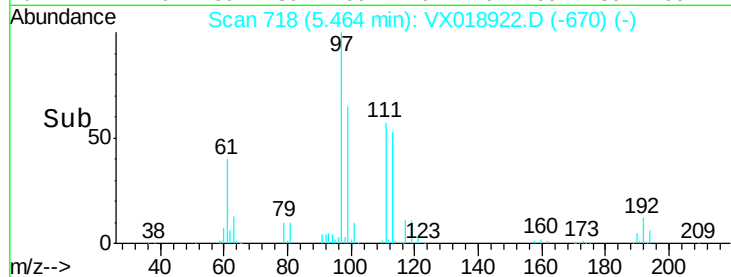
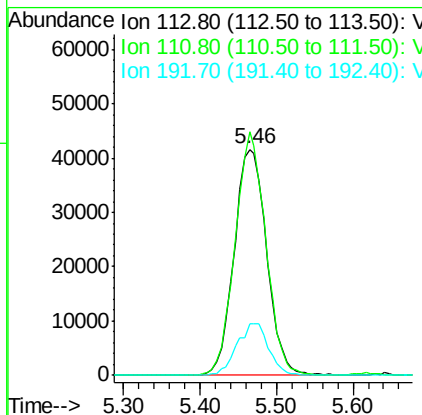
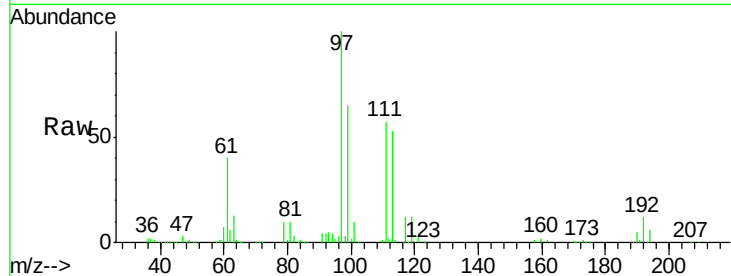
ClientSampleId :

FC-MW07S-20201003MSD

Tot Ion:	113	Resp:	122685
Ion Ratio	Lower	Upper	
113	100		
111	101.7	80.1	120.1
192	22.4	16.0	24.0

Manual Integrations
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10/13/2020 2:19:20 PM



#36

1,1-Dichloropropene

Concen: 48.582 ug/l

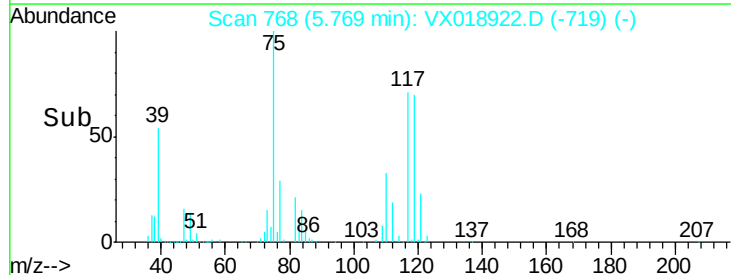
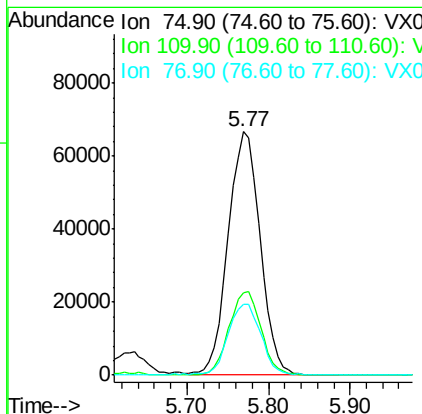
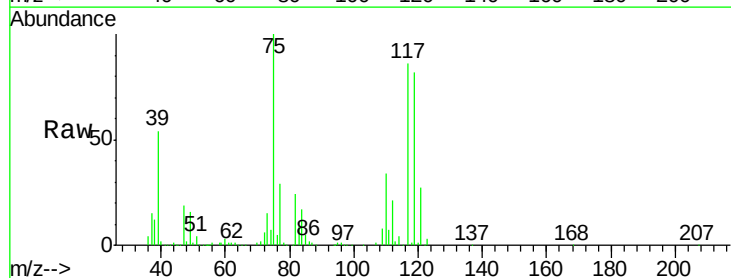
RT: 5.77 min Scan# 768

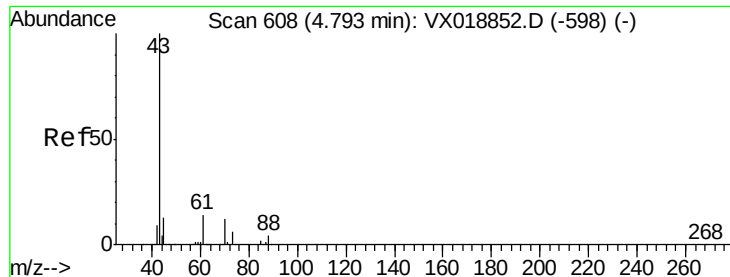
Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Tgt Ion:	75	Resp:	181570
Ion Ratio	Lower	Upper	
75	100		
110	34.3	17.8	53.5
77	29.9	24.2	36.4





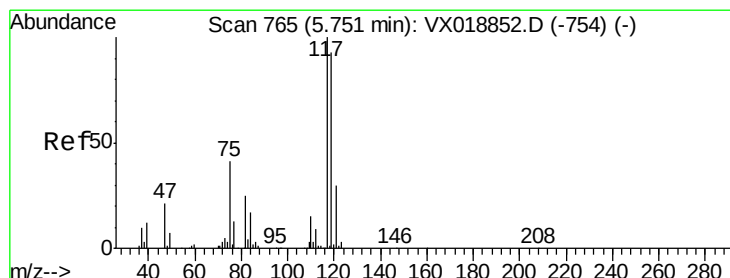
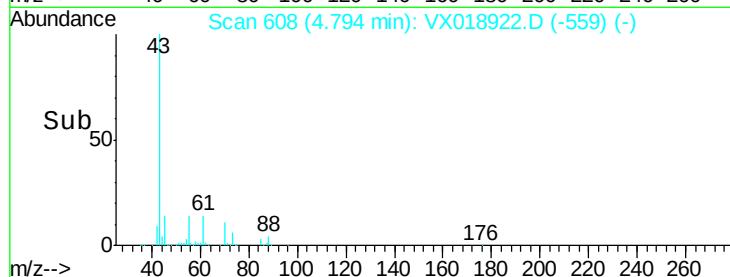
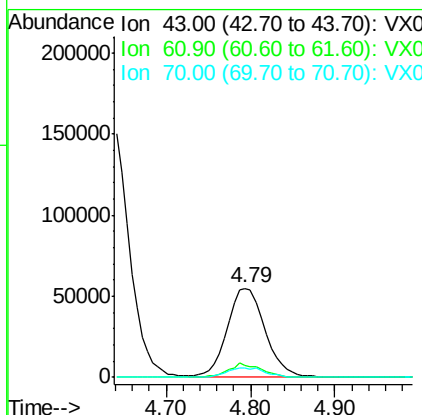
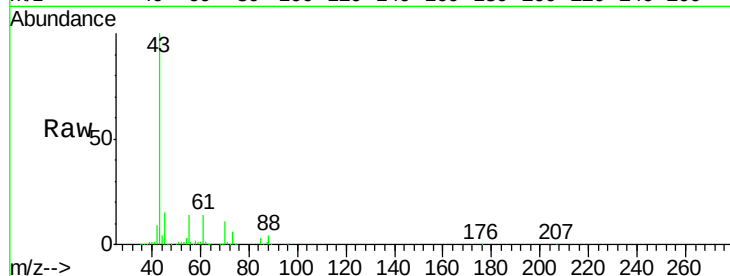
#37
Ethyl Acetate
Concen: 46.013 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.9	16.3
70	11.2	8.6	13.0

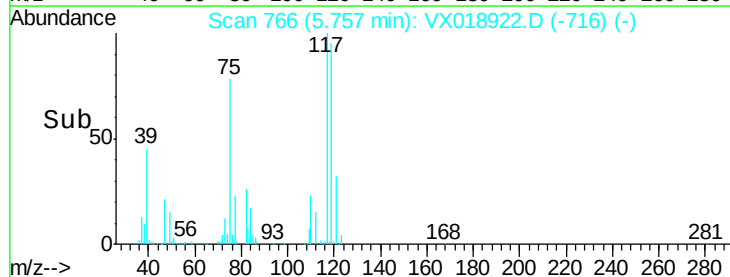
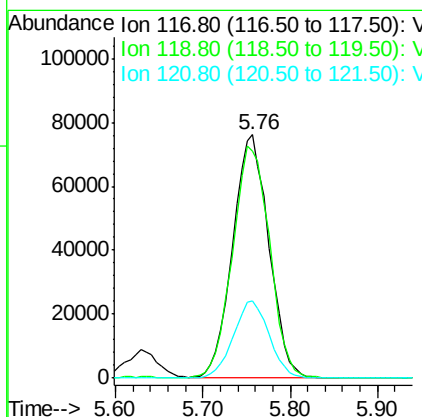
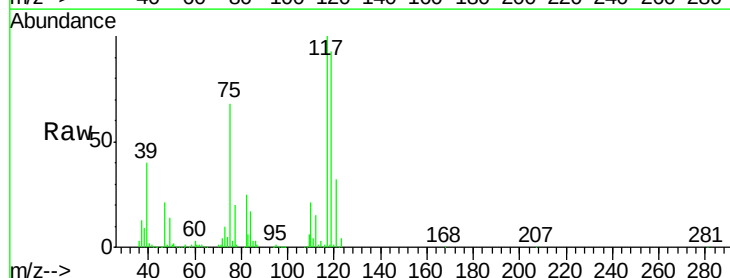
Manual Integrations
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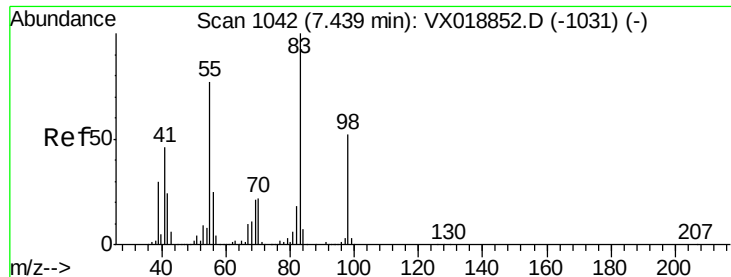
MMDadoda
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#38
Carbon Tetrachloride
Concen: 47.340 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	73.9	110.9
121	31.6	23.6	35.4





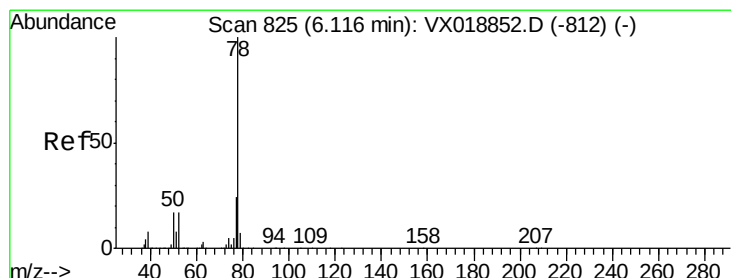
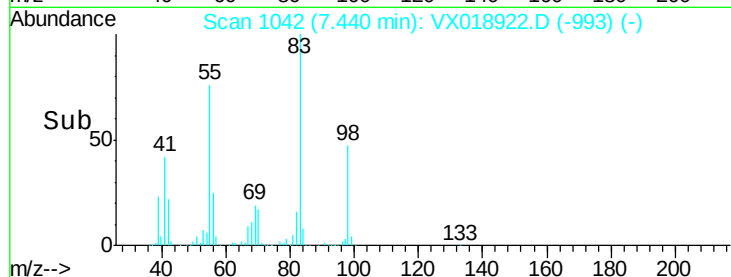
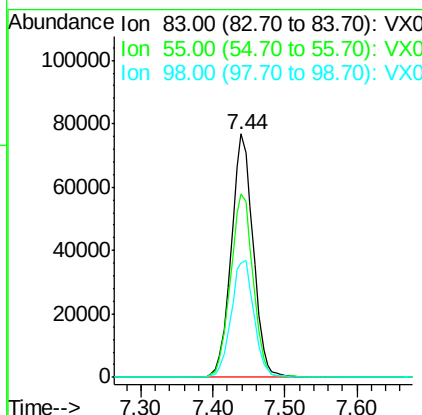
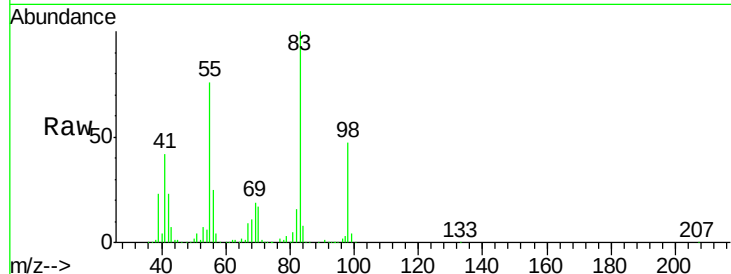
#39
Methylvlcyclohexane
Concen: 47.315 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	163010		
55	75.5		61.8	92.6
98	47.1		41.4	62.0

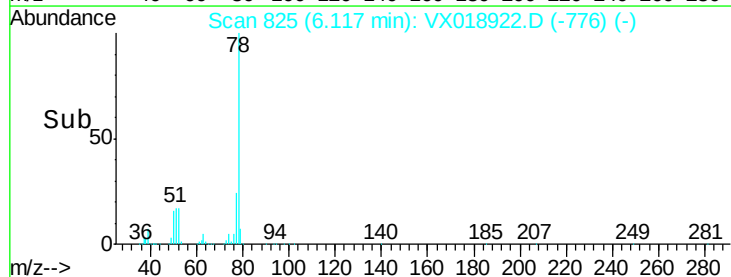
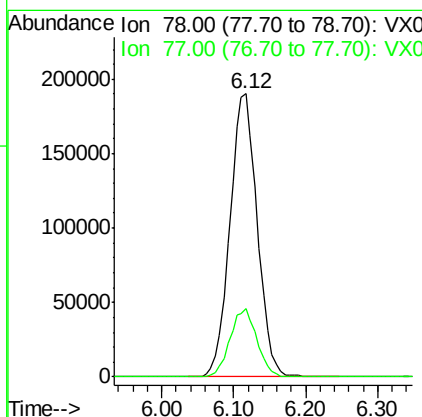
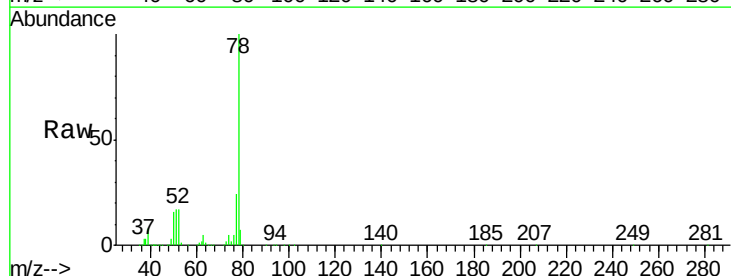
Manual Integrations
APPROVED

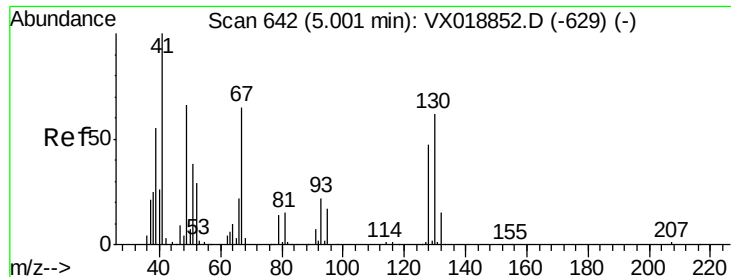
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#40
Benzene
Concen: 49.750 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	499533		
77	24.0		19.1	28.7





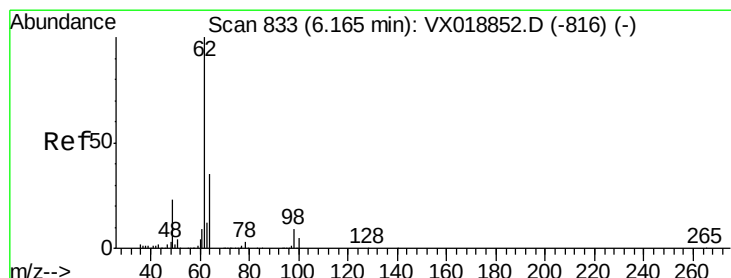
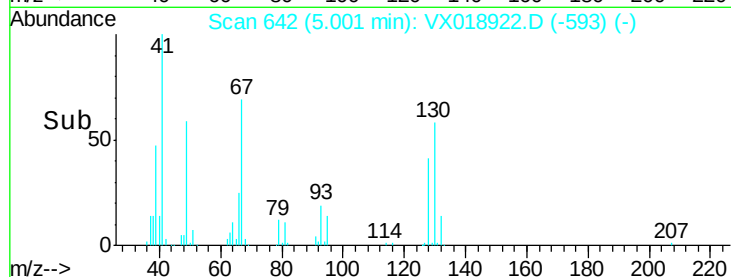
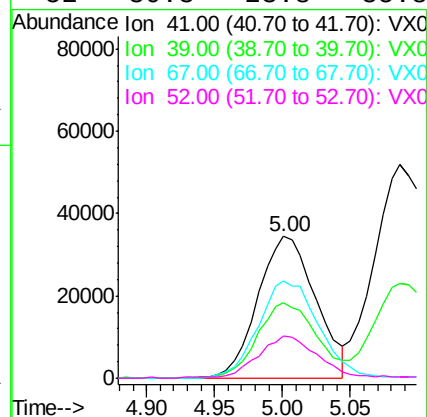
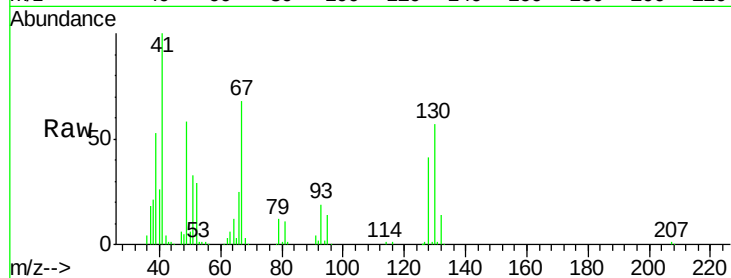
#41
Methacrylonitrile
Concen: 48.920 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	45.4	68.2	
67	71.8	55.4	83.2	
52	30.3	23.8	35.8	

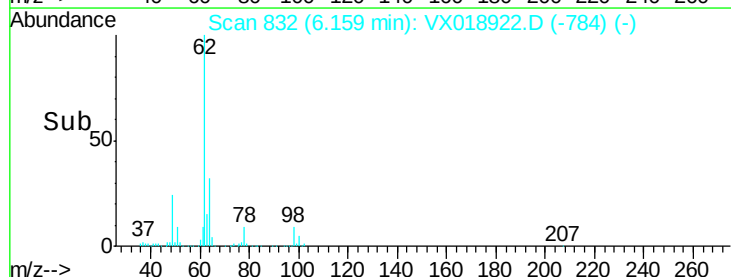
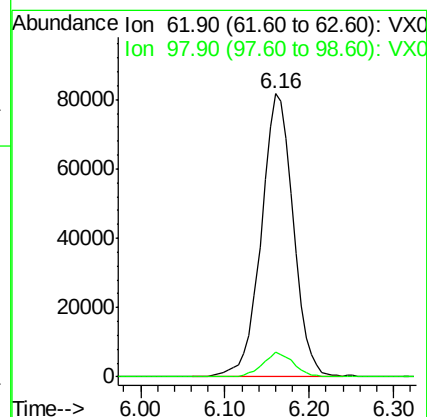
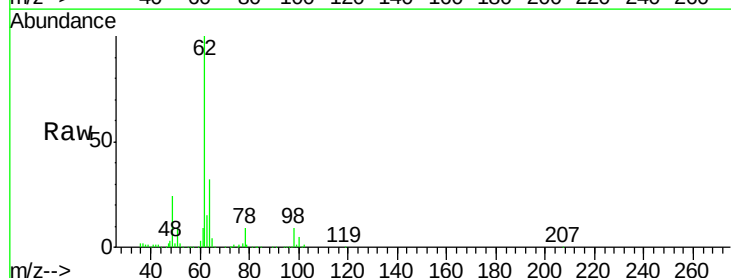
Manual Integrations
APPROVED

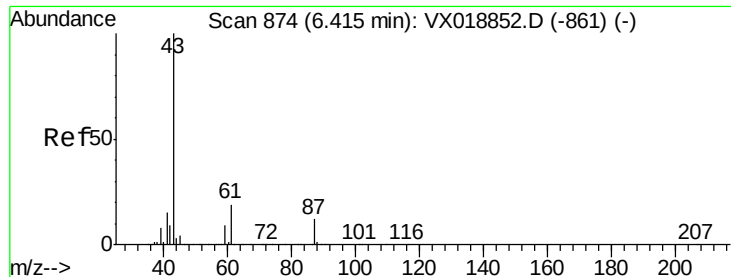
MMDadoda
10/13/2020 2:19:20 PM



#42
1,2-Dichloroethane
Concen: 45.382 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	16.4	





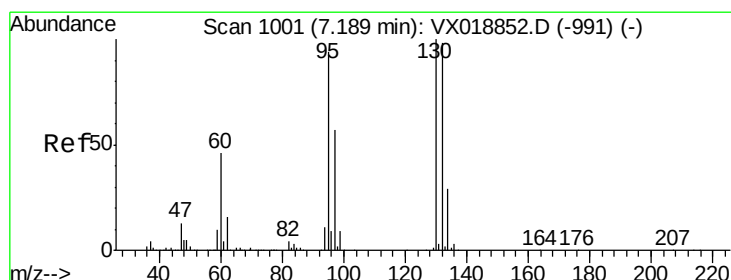
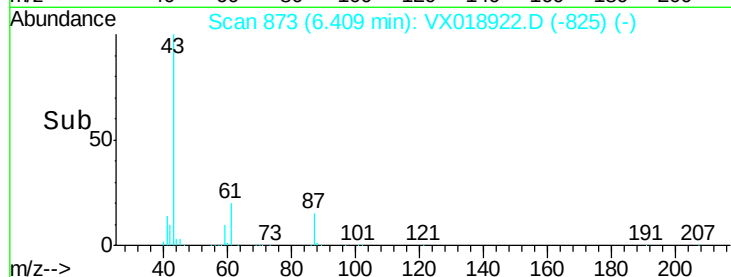
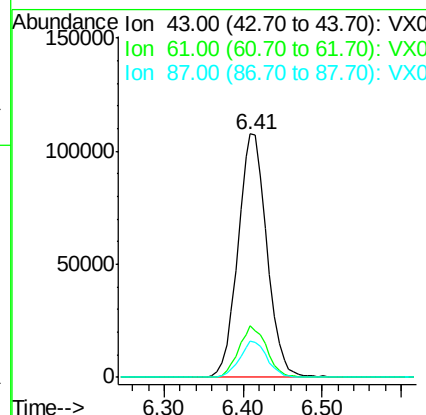
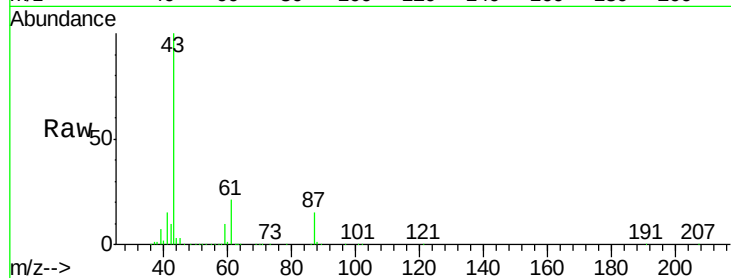
#43
Isopropyl Acetate
Concen: 45.574 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

Tot Ion	Ratio	Resp	Lower	Upper
43	100	273355		
61	20.5		15.5	23.3
87	14.1		10.8	16.2

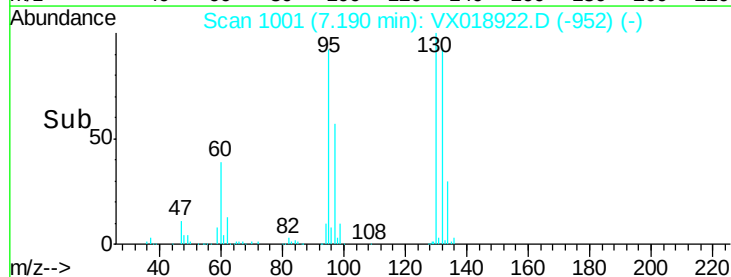
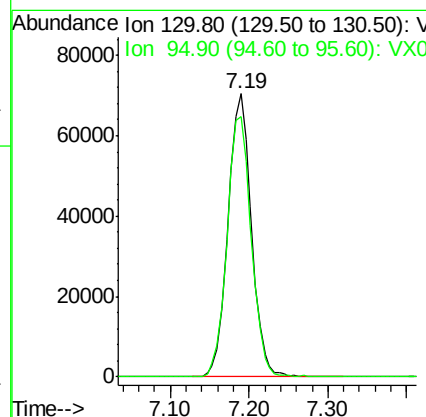
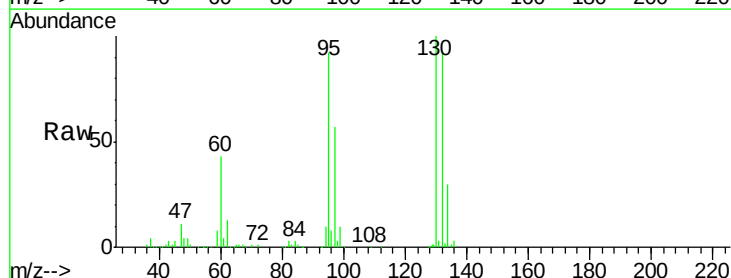
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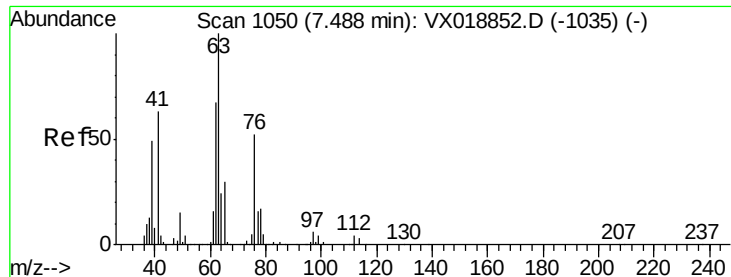
MMDadoda
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#44
Trichloroethene
Concen: 48.348 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	145585		
95	92.1		0.0	188.4





#45

1,2-Dichloropropane

Concen: 49.246 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

Tot Ion: 63 Resp: 130837

Ion Ratio Lower Upper

63 100

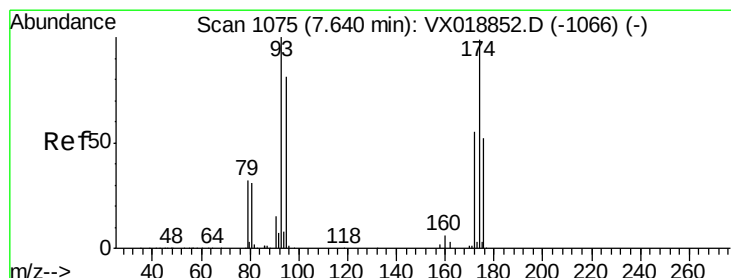
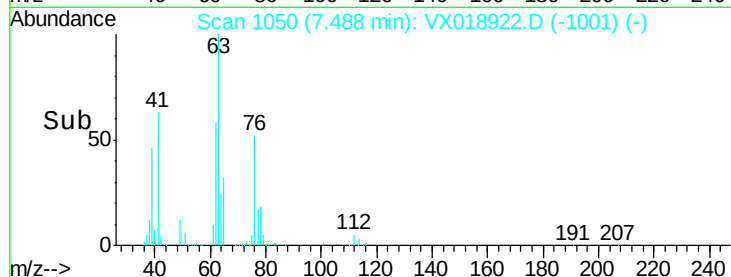
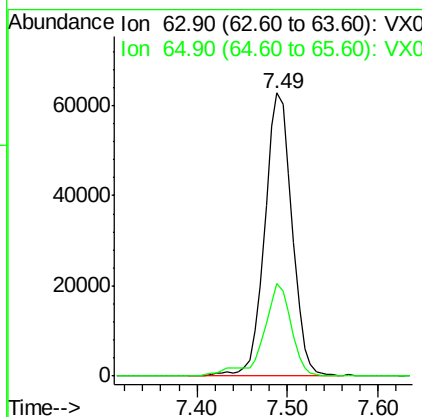
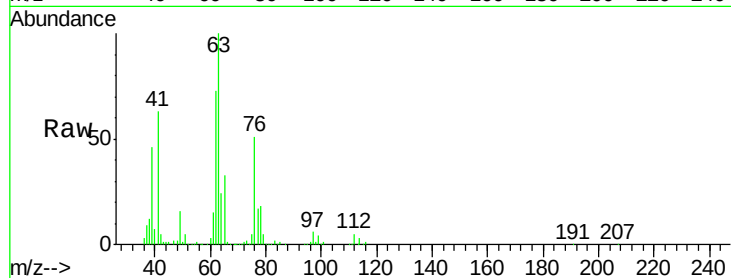
65 32.8 24.2 36.4

Manual Integrations

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#46

Dibromomethane

Concen: 48.205 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

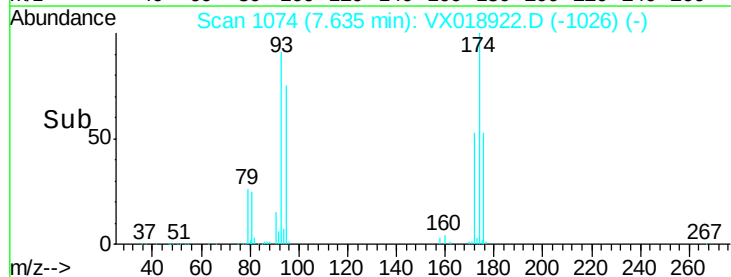
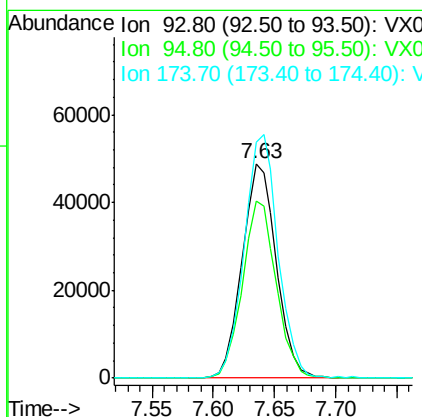
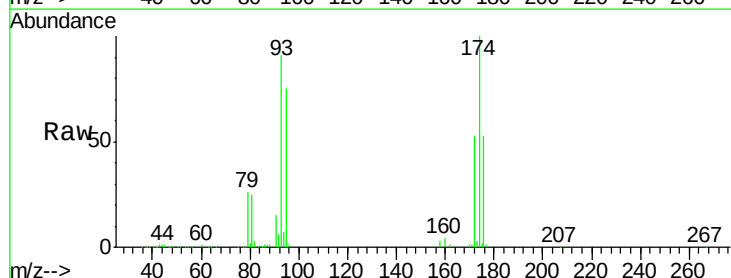
Tgt Ion: 93 Resp: 94645

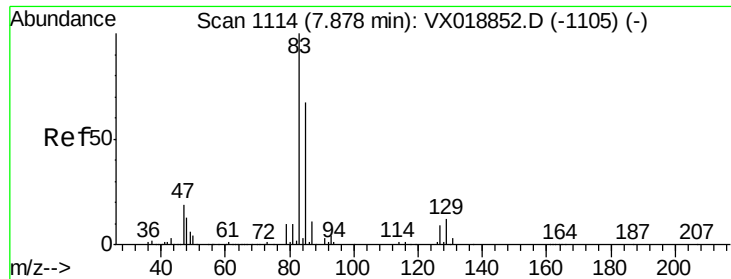
Ion Ratio Lower Upper

93 100

95 81.7 66.1 99.1

174 113.4 84.6 127.0





#47

Bromodichloromethane

Concen: 48.131 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

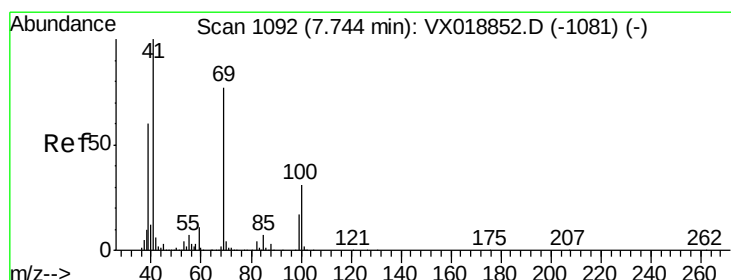
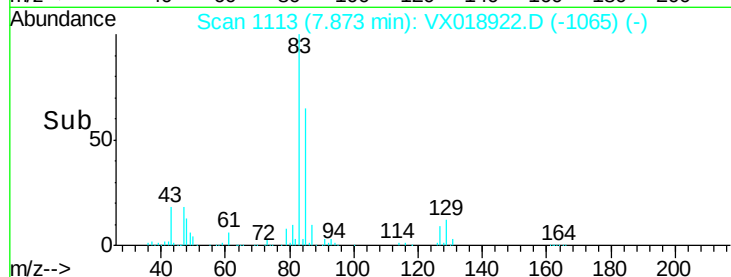
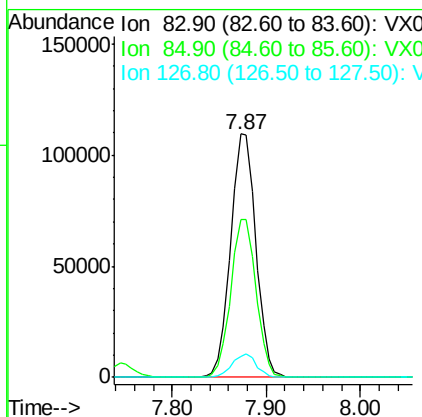
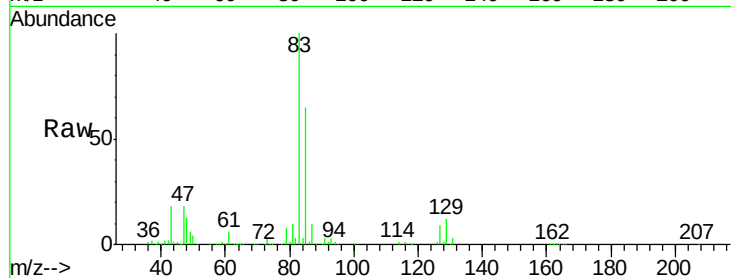
ClientSampleId :

FC-MW07S-20201003MSD

Tot Ion	83	Resp	204784
Ion Ratio	Lower	Upper	
83	100		
85	65.1	53.8	80.6
127	8.8	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.941 ug/l

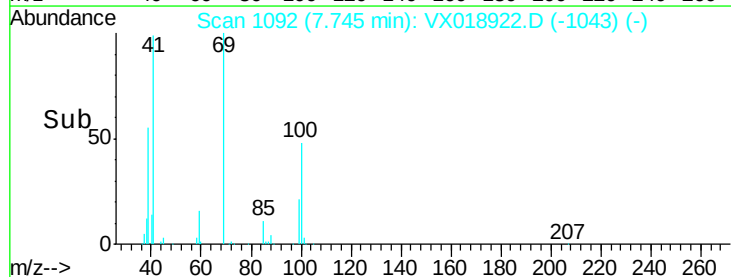
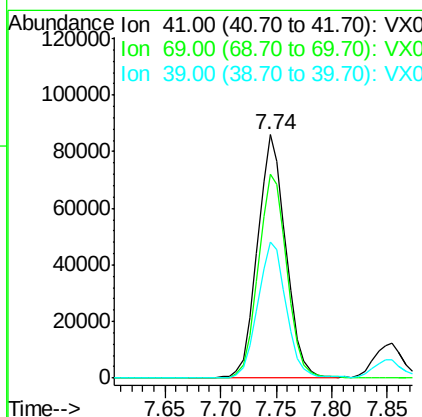
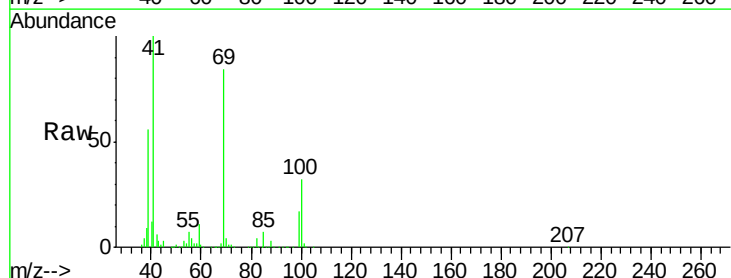
RT: 7.74 min Scan# 1092

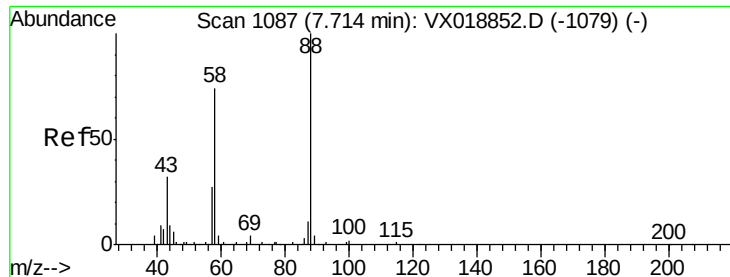
Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Tgt Ion	41	Resp	151995
Ion Ratio	Lower	Upper	
41	100		
69	85.0	64.6	97.0
39	56.5	48.6	73.0





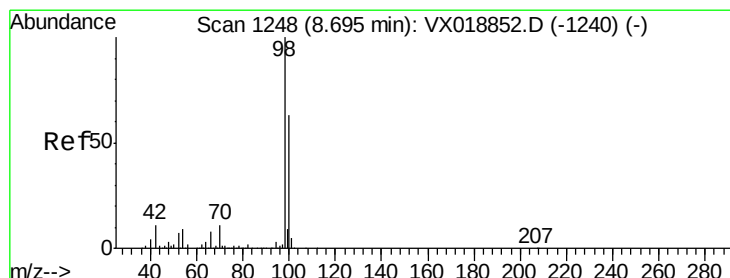
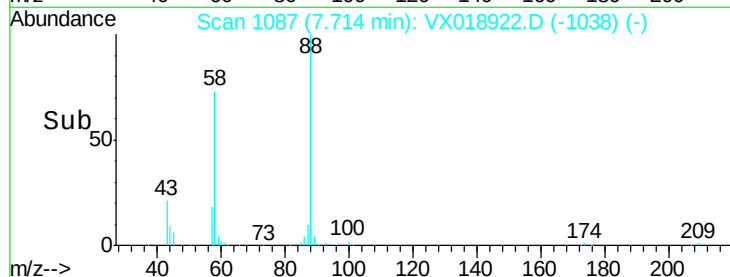
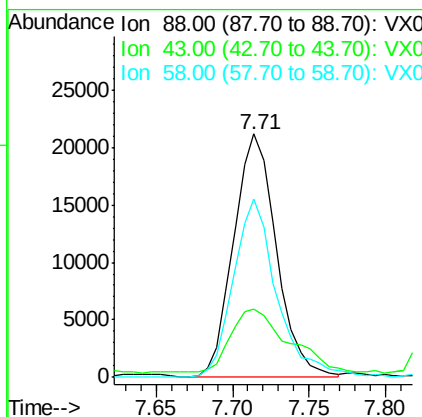
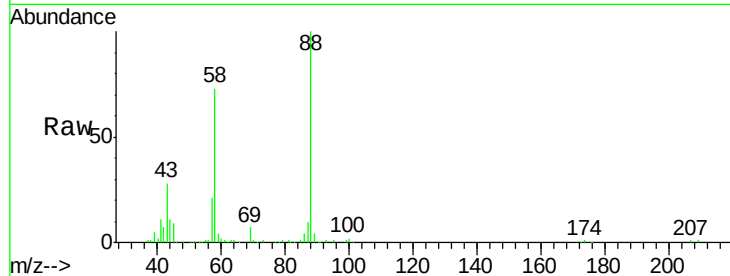
#49
1,4-Dioxane
Concen: 967.503 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.4	31.0	46.6
58	74.6	59.3	88.9

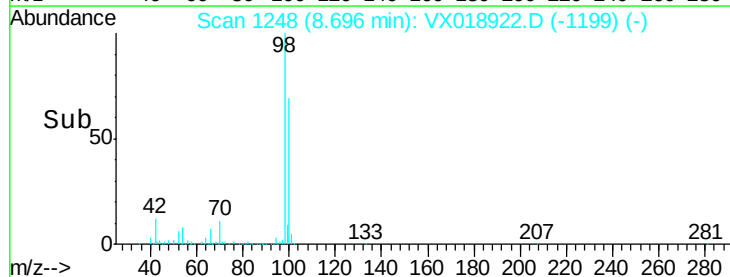
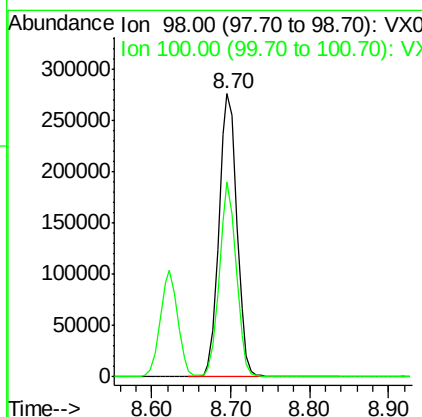
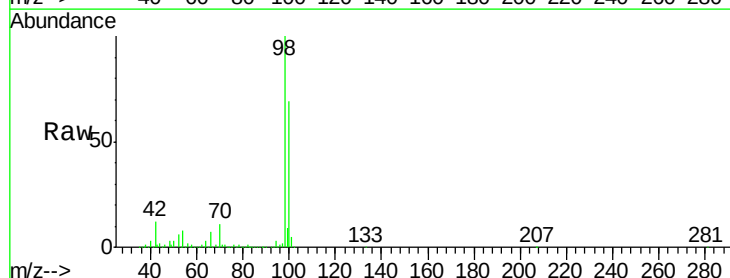
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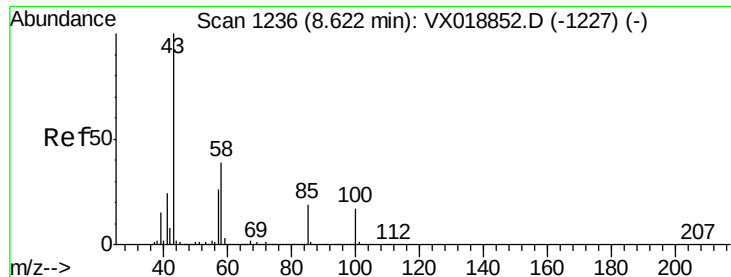
MMDadoda
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#50
Toluene-d8
Concen: 49.880 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.1	79.7





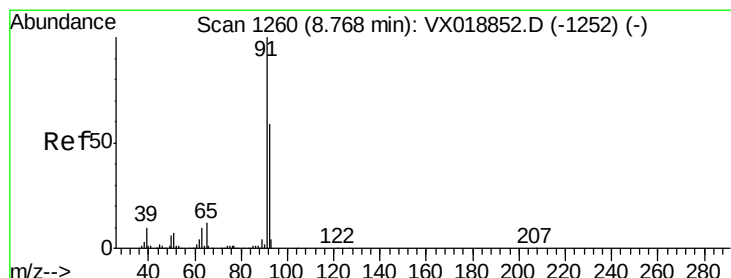
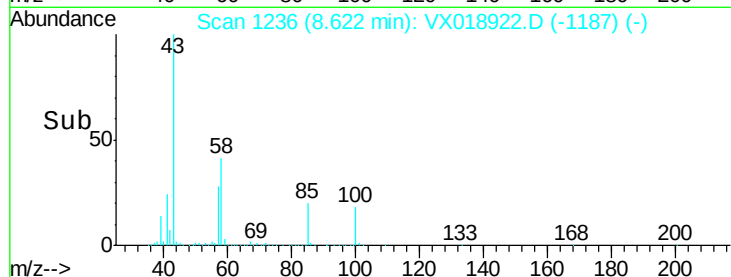
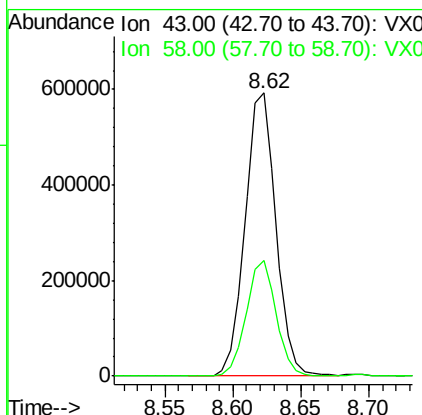
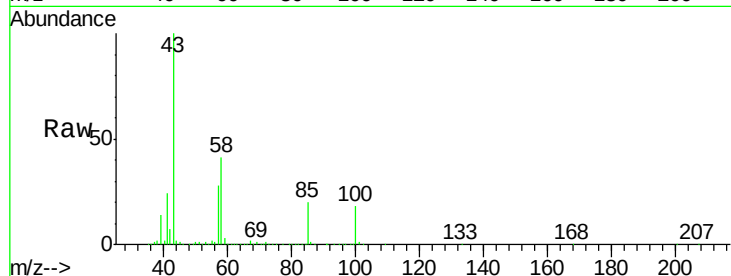
#51
 4-Methyl-2-Pentanone
 Concen: 268.208 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MSD

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.8	30.9	46.3

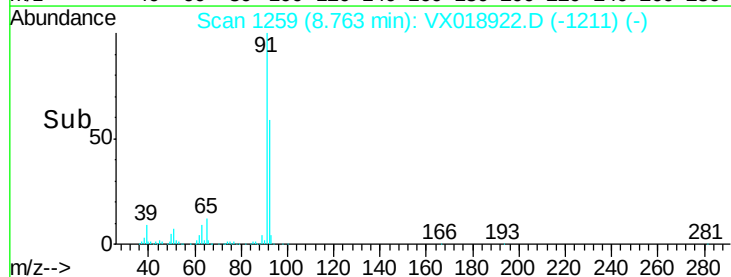
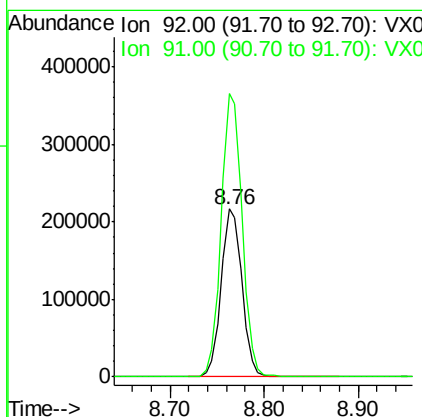
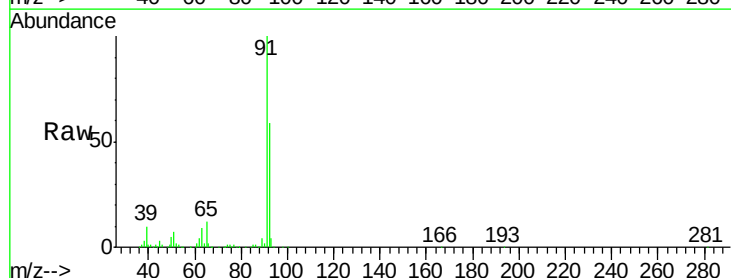
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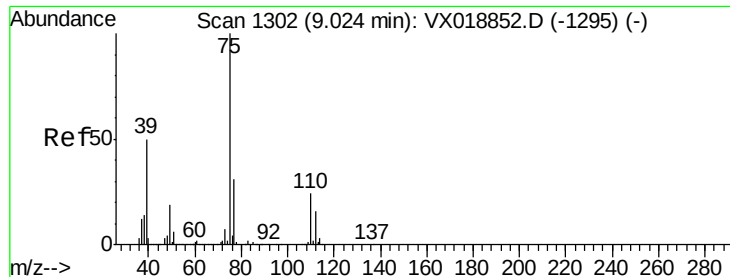
MMDadoda
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#52
 Toluene
 Concen: 51.348 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.1	138.2	207.4





#53

t-1,3-Dichloropropene

Concen: 49.475 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

Tot Ion: 75 Resp: 217961

Ion Ratio Lower Upper

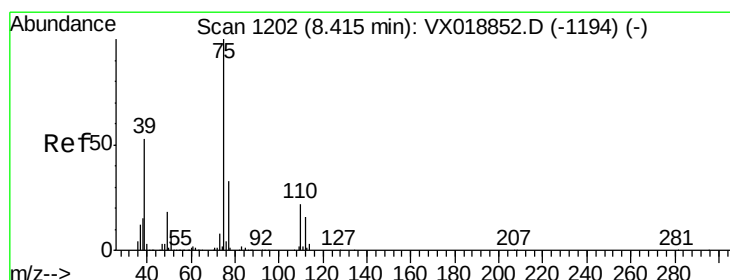
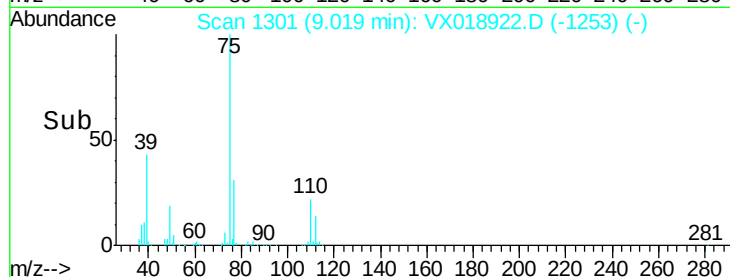
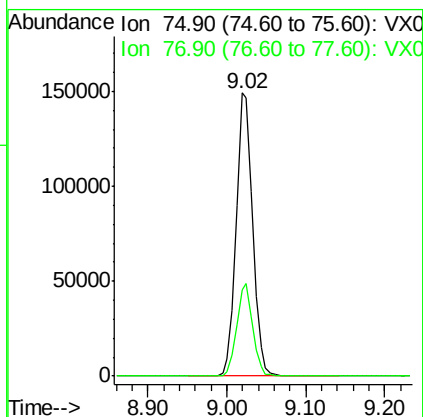
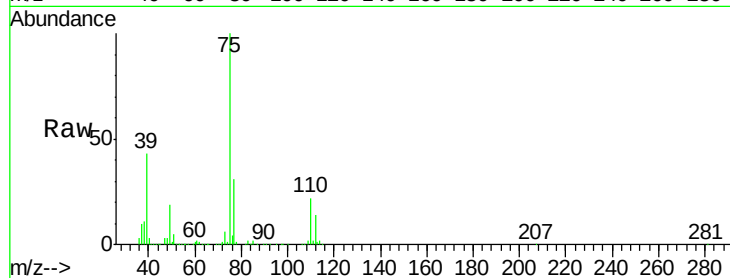
75 100

77 30.7 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 47.743 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

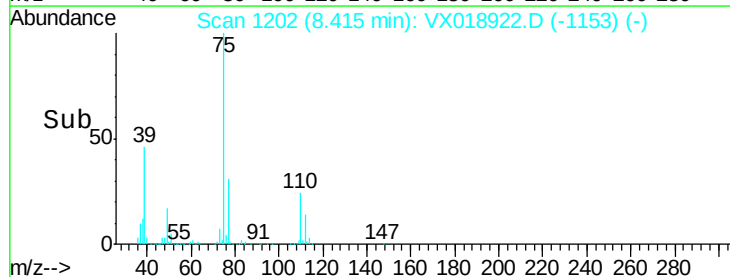
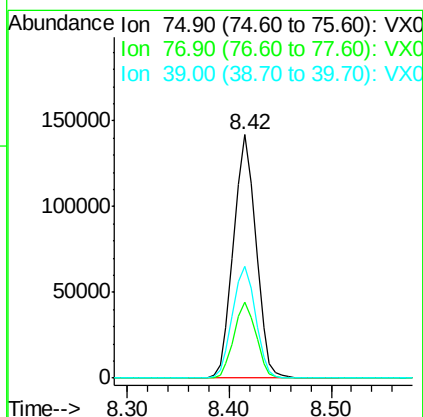
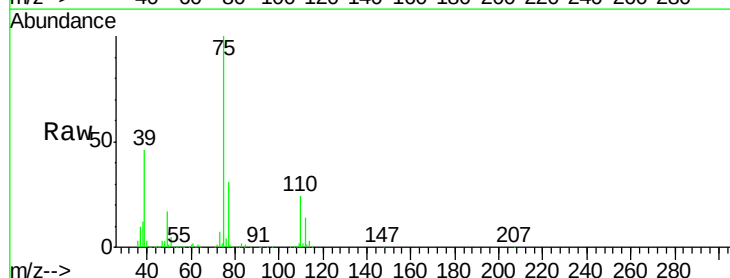
Tgt Ion: 75 Resp: 216367

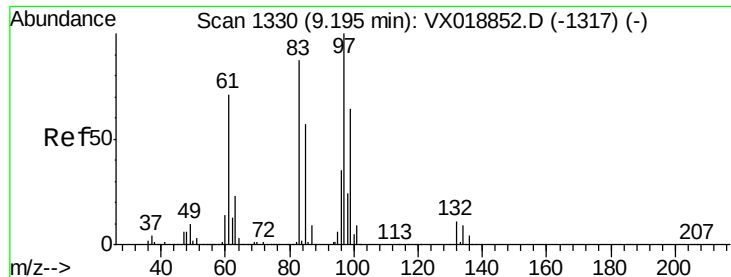
Ion Ratio Lower Upper

75 100

77 31.0 26.6 39.8

39 46.1 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 49.768 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

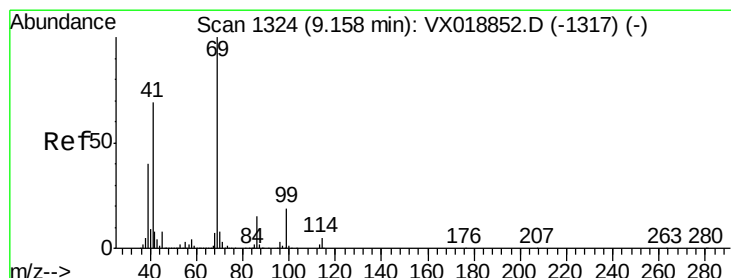
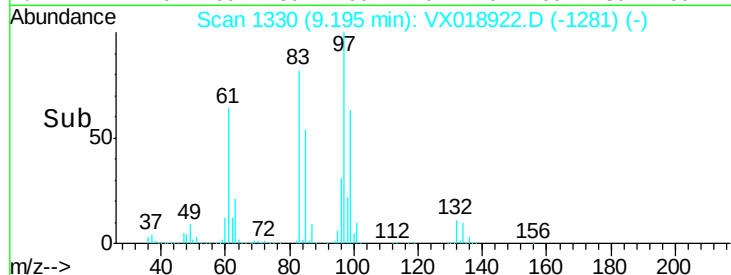
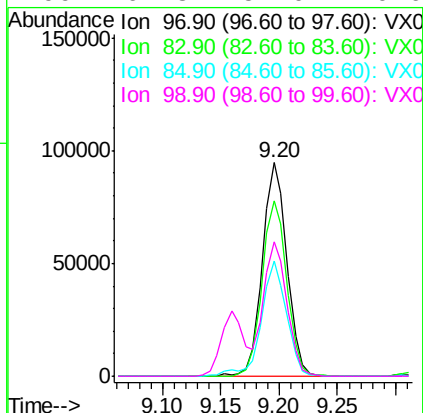
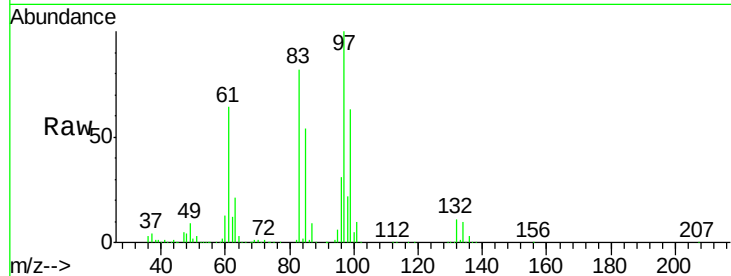
ClientSampleId :

FC-MW07S-20201003MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		137748		
83	82.3	69.3	103.9		
85	54.2	45.3	67.9		
99	62.8	51.0	76.6		

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#56

Ethyl methacrylate

Concen: 49.627 ug/l

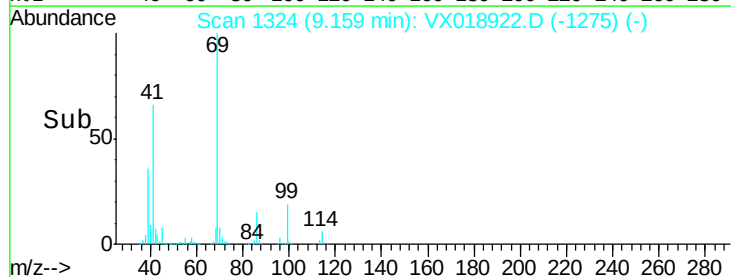
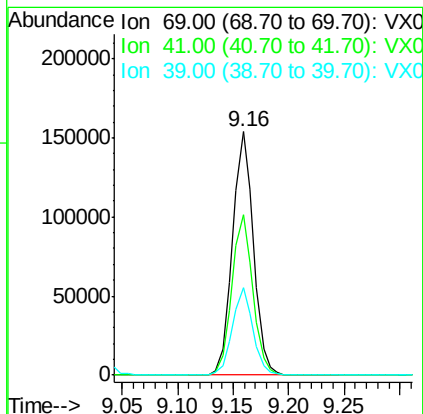
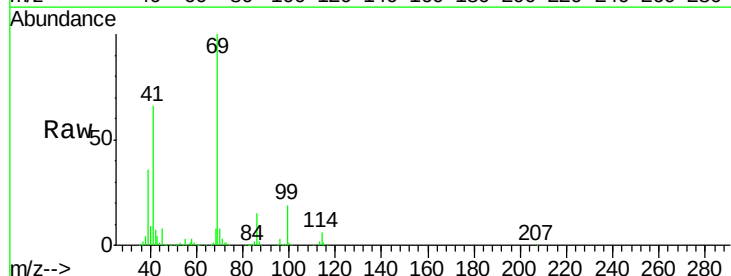
RT: 9.16 min Scan# 1324

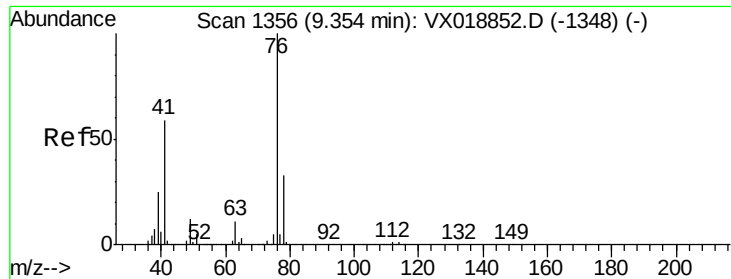
Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		200418		
41	65.6	54.6	81.8		
39	35.5	31.5	47.3		





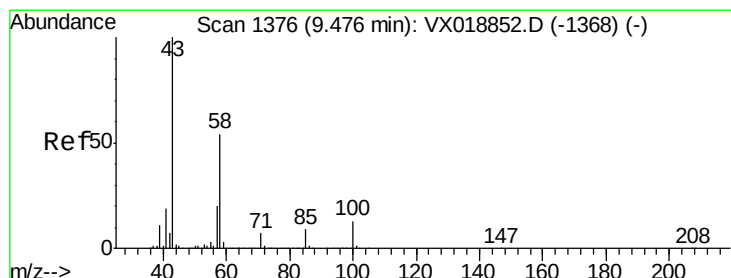
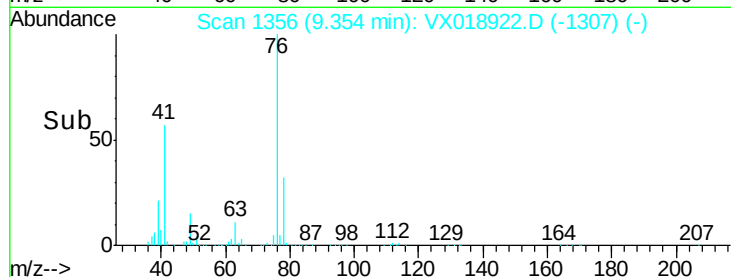
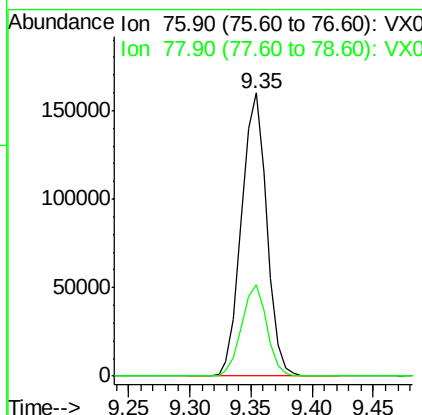
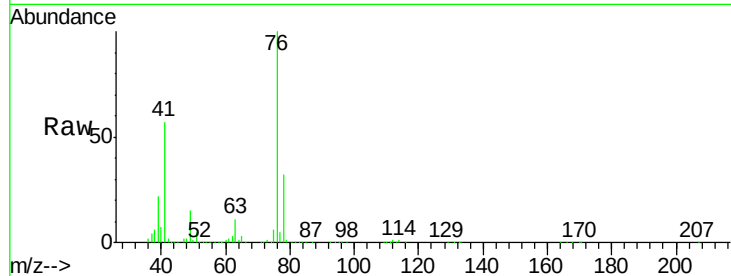
#57
 1,3-Dichloropropane
 Concen: 50.897 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.2

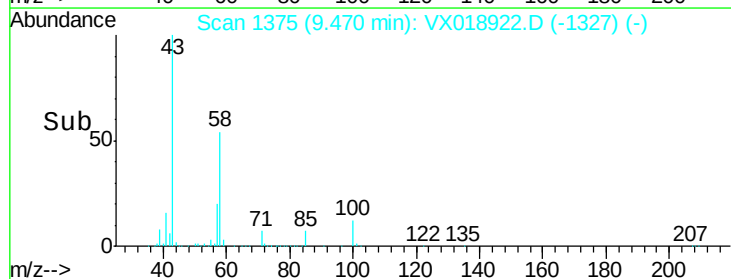
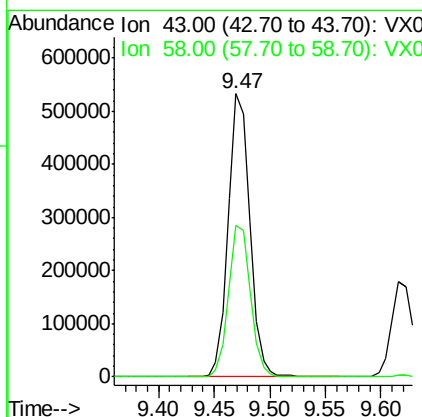
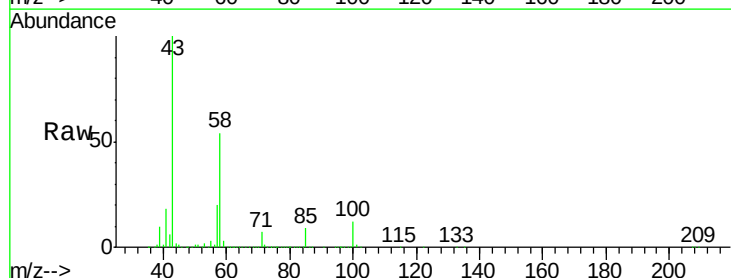
Manual Integrations
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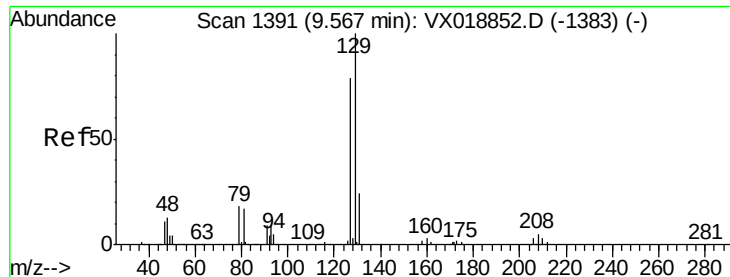
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#59
 2-Hexanone
 Concen: 269.443 ug/l
 RT: 9.47 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
43	100		
58	54.6	26.7	80.1





#60

Dibromochloromethane

Concen: 49.709 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

Tot Ion:129 Resp: 172709

Ion Ratio Lower Upper

129 100

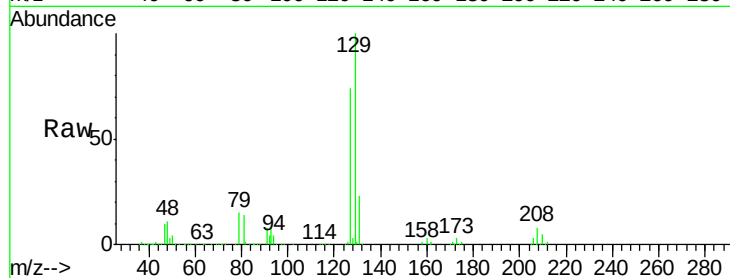
127 77.4 39.5 118.5

Manual Integrations

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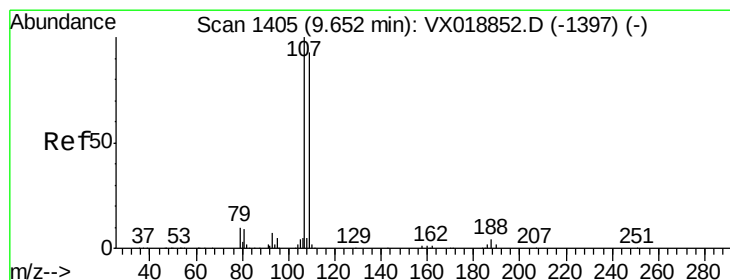
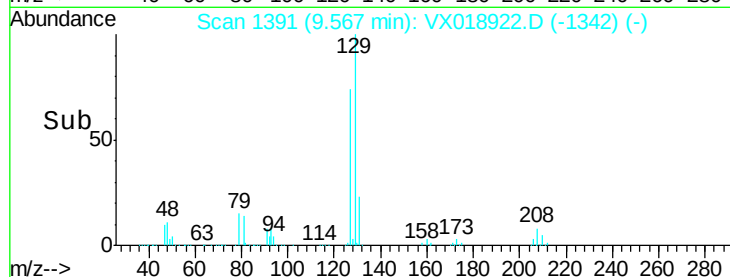
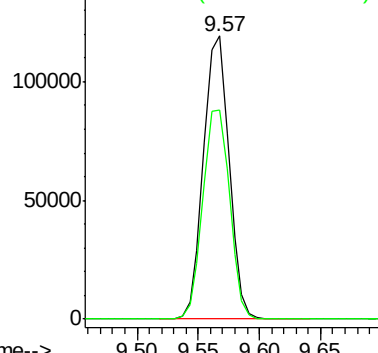
MMDadoda

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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: 50.090 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018922.D

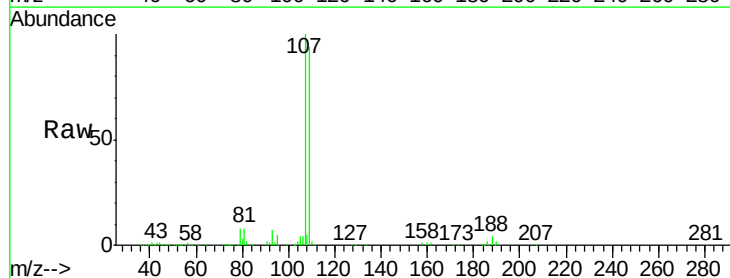
Acq: 12 Oct 2020 22:25

Tgt Ion:107 Resp: 148672

Ion Ratio Lower Upper

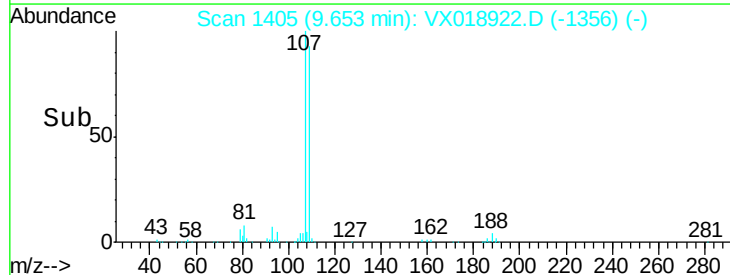
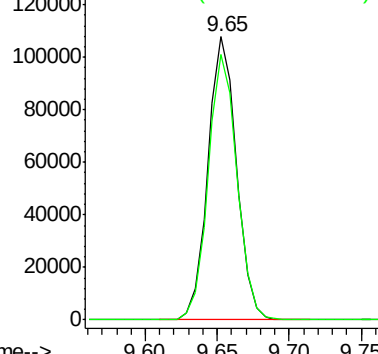
107 100

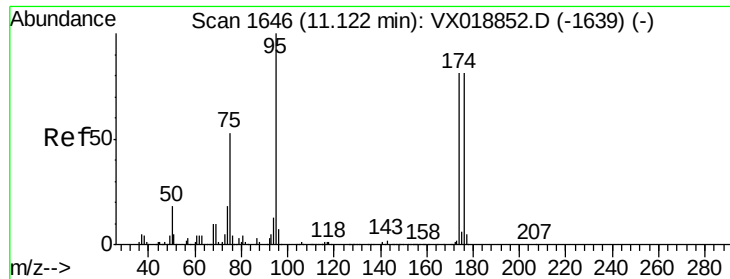
109 94.4 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 49.746 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

Tot Ion: 95 Resp: 174223

Ion Ratio Lower Upper

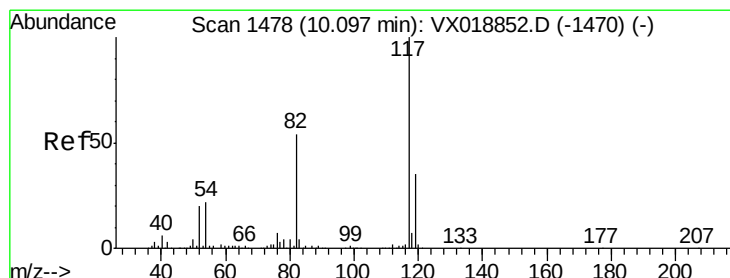
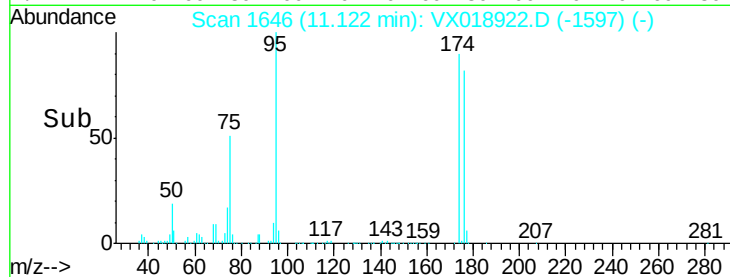
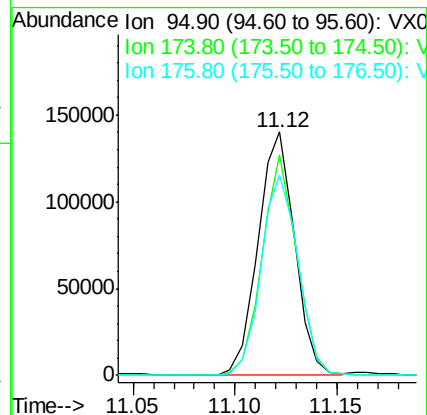
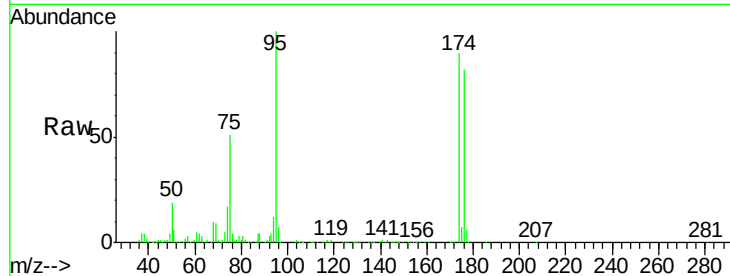
95 100

174 86.2 0.0 160.0

176 83.6 0.0 161.2

Manual Integrations
APPROVED

MMDadoda
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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: VX018922.D

Acq: 12 Oct 2020 22:25

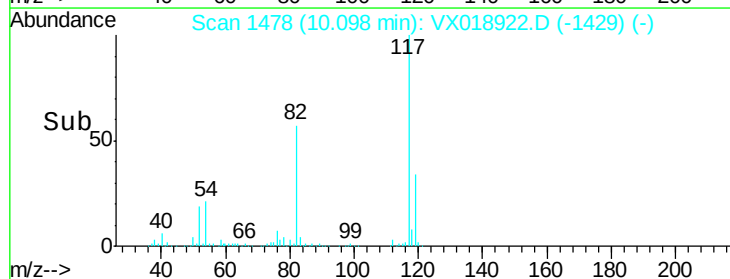
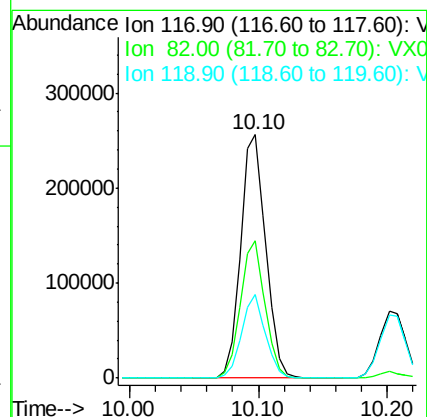
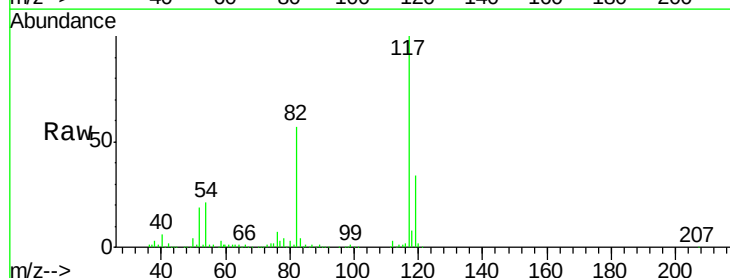
Tgt Ion: 117 Resp: 346096

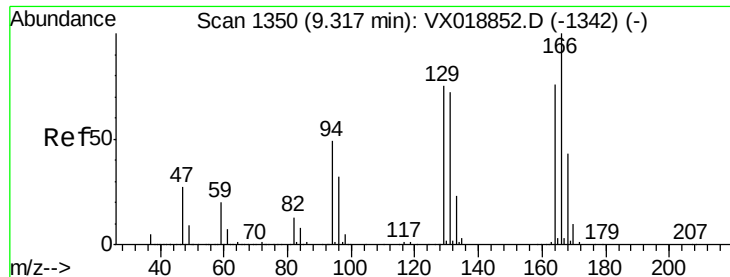
Ion Ratio Lower Upper

117 100

82 56.6 43.4 65.2

119 34.2 28.3 42.5





#64

Tetrachloroethene

Concen: 50.814 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

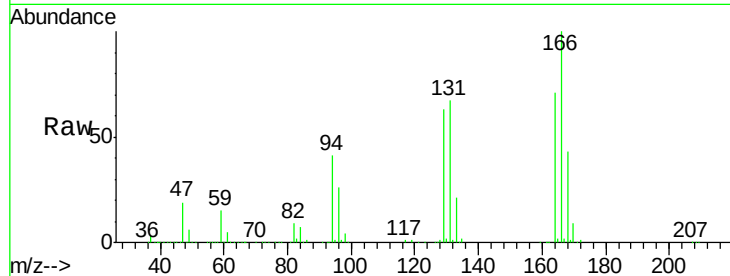
ClientSampleId :

FC-MW07S-20201003MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	141.0	105.4	158.0
129	89.4	79.0	118.6
131	94.1	75.7	113.5

Manual Integrations
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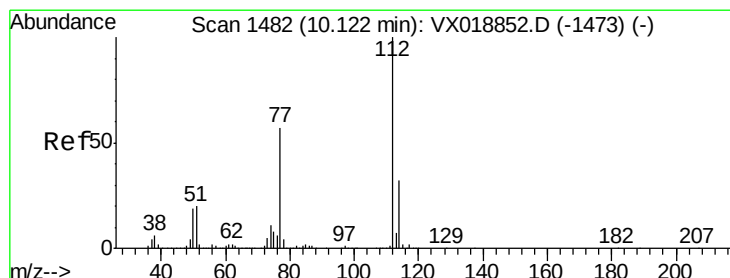
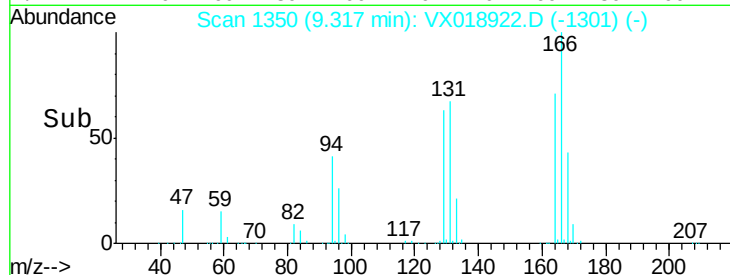
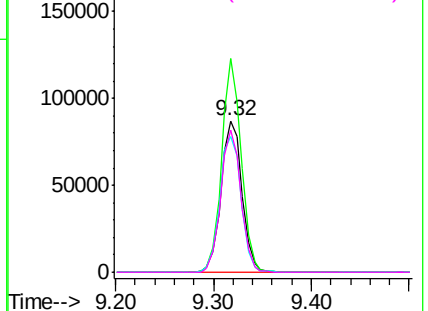


Abundance Ion 163.80 (163.50 to 164.50): V

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: 48.975 ug/l

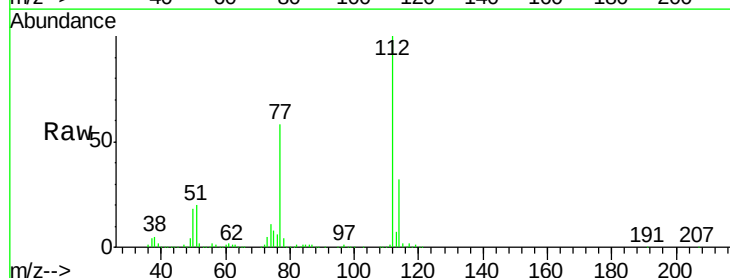
RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018922.D

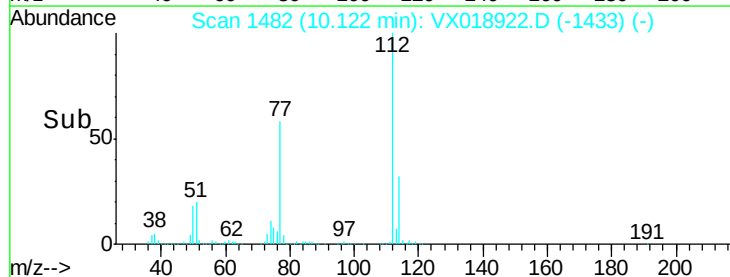
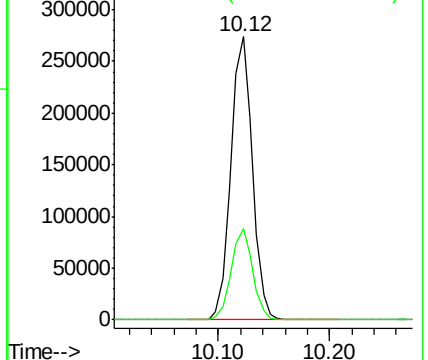
Acq: 12 Oct 2020 22:25

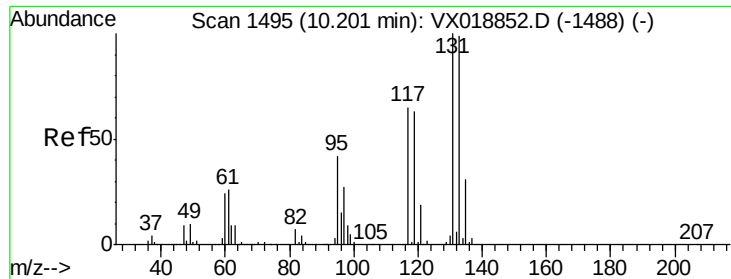
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.7	38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





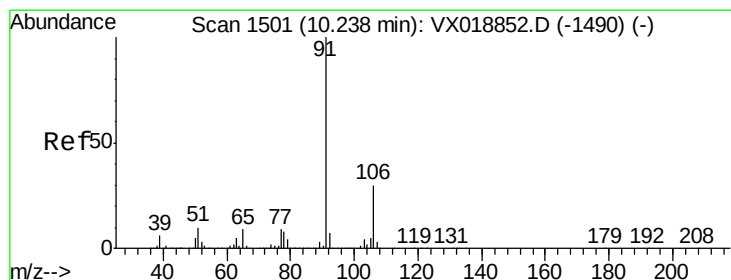
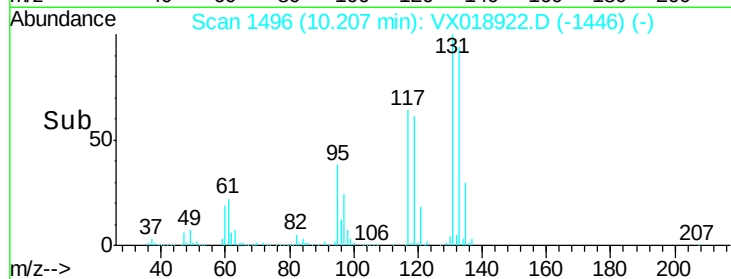
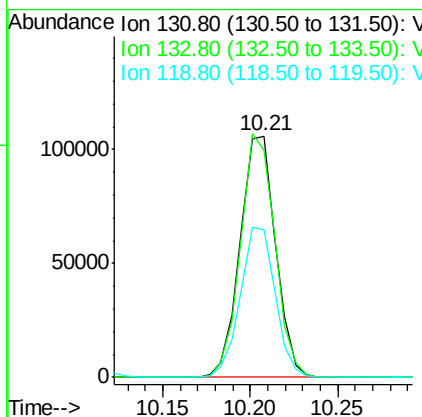
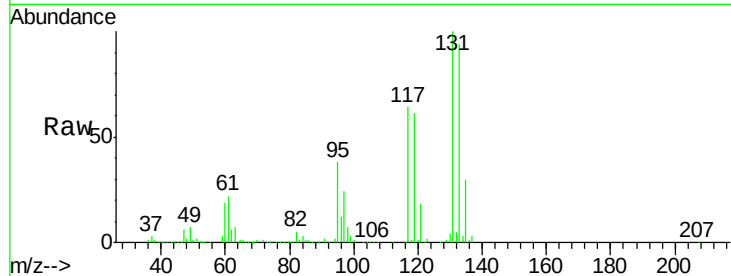
#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.487 ug/l
 RT: 10.21 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MSD

Tot Ion	Ratio	Resp	Lower	Upper
131	100	149609		
133	97.5	48.6	145.8	
119	61.7	31.1	93.3	

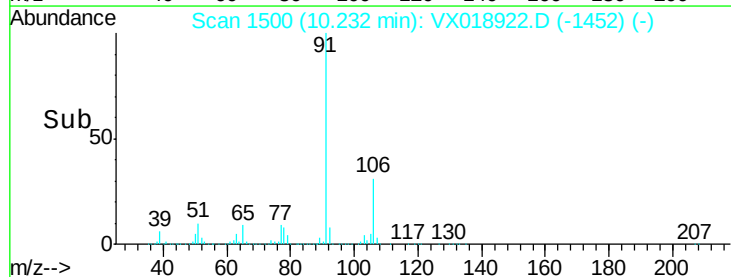
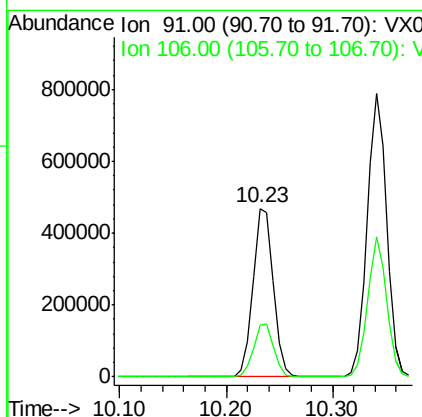
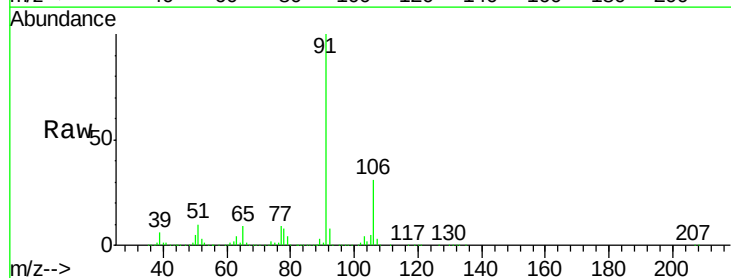
Manual Integrations
 APPROVED

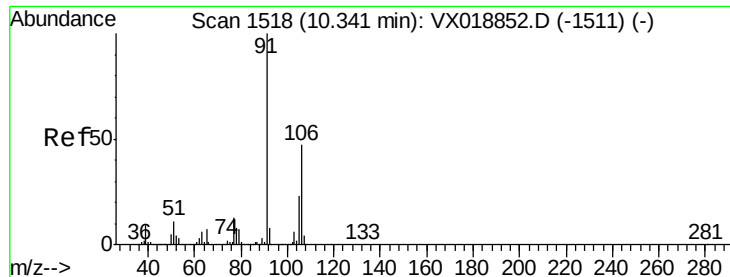
MMDadoda
 10/13/2020 2:19:20 PM



#67
 Ethyl Benzene
 Concen: 49.973 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	630528		
106	31.0	24.0	36.0	





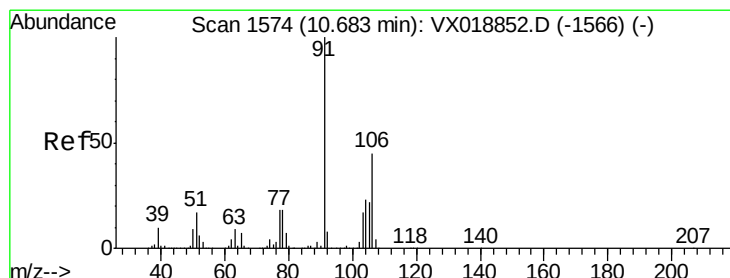
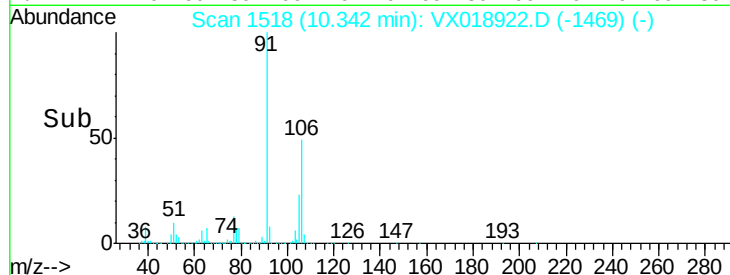
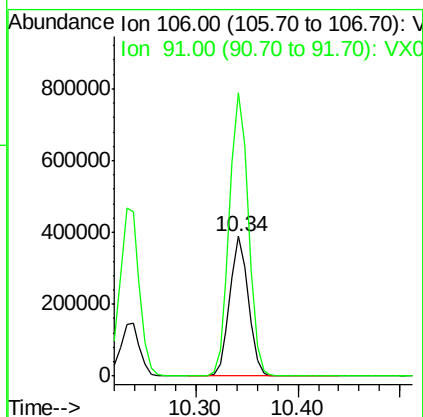
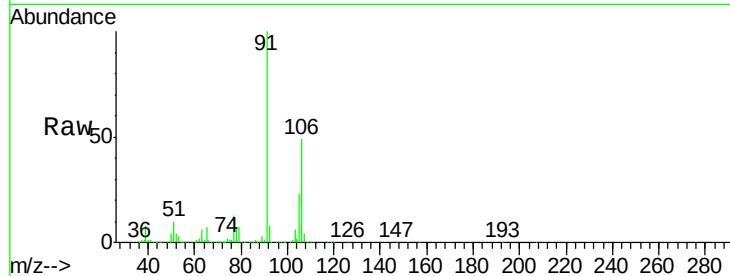
#68
m/p-Xylenes
Concen: 102.013 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

Tot Ion:106 Resp: 489020
Ion Ratio Lower Upper
106 100
91 207.6 165.6 248.4

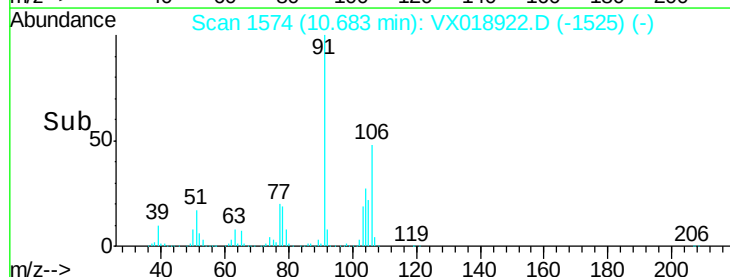
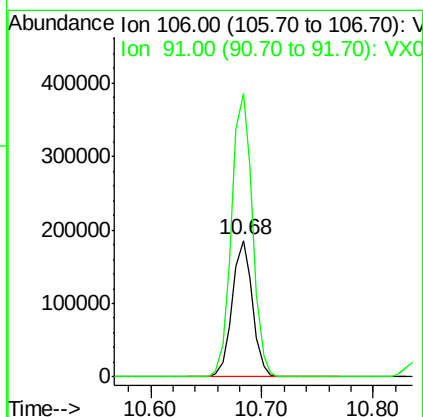
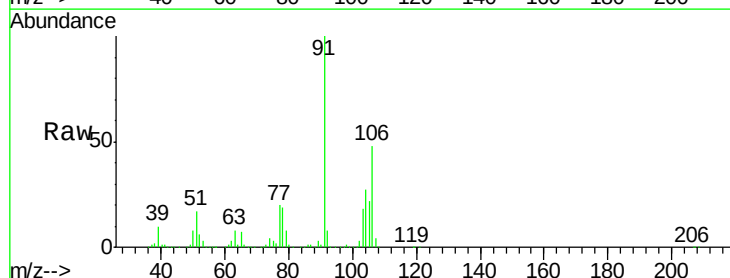
Manual Integrations
APPROVED

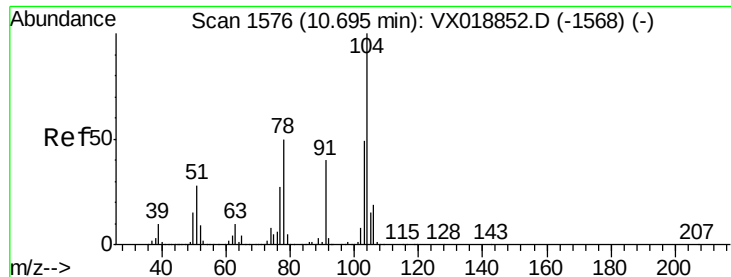
MMDadoda
10/13/2020 2:19:20 PM



#69
o-Xylene
Concen: 51.710 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion:106 Resp: 233545
Ion Ratio Lower Upper
106 100
91 214.6 109.9 329.6





#70

Stvrene

Concen: 53.739 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

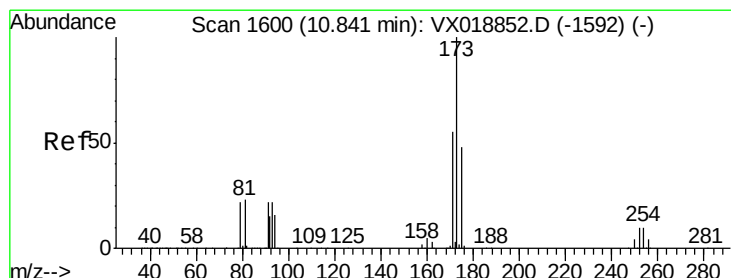
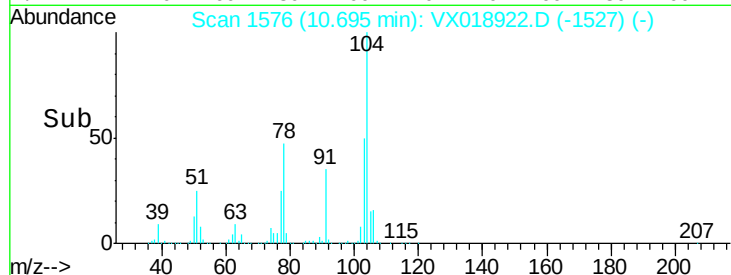
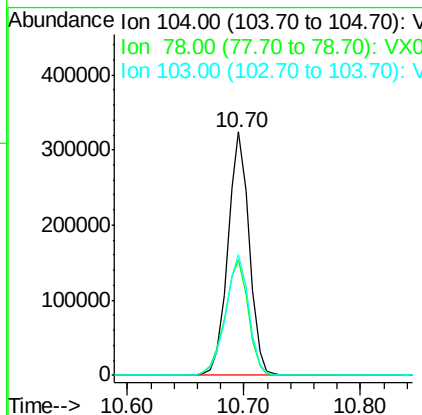
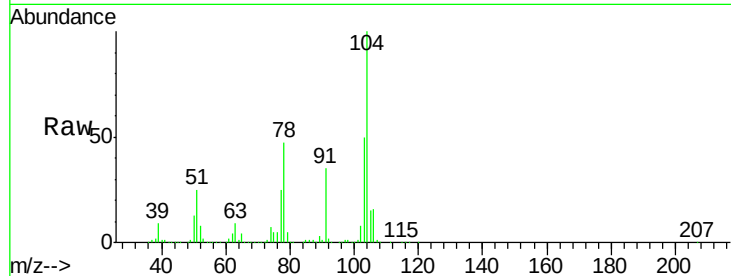
ClientSampleId :

FC-MW07S-20201003MSD

Tot Ion:	104	Resp:	410898
Ion Ratio		Lower	Upper
104	100		
78	51.9	43.5	65.3
103	53.9	43.3	64.9

Manual Integrations
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10/13/2020 2:19:20 PM



#71

Bromoform

Concen: 51.918 ug/l

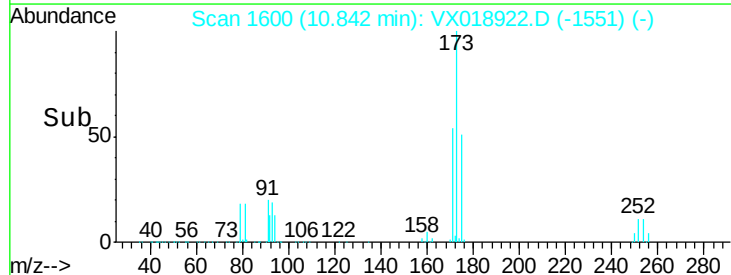
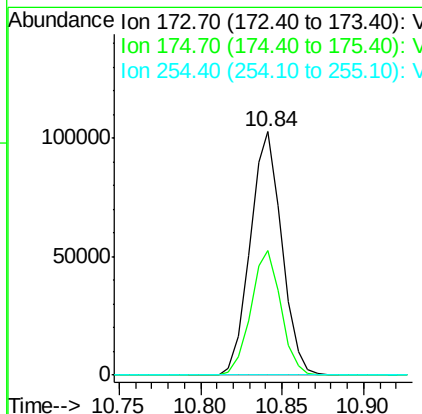
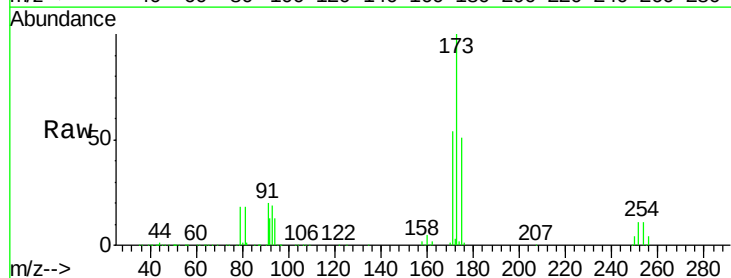
RT: 10.84 min Scan# 1600

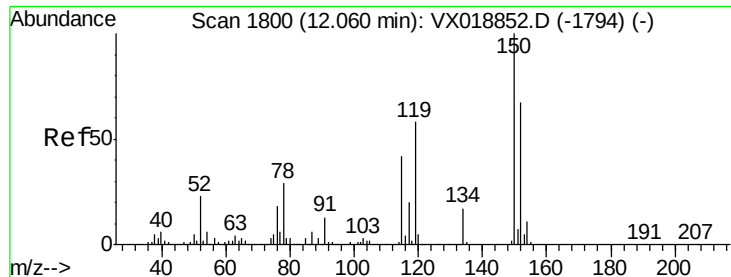
Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Tgt Ion:	173	Resp:	138560
Ion Ratio		Lower	Upper
173	100		
175	48.9	23.4	70.0
254	0.2	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: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

Tot Ion:152 Resp: 190782

Ion Ratio Lower Upper

152 100

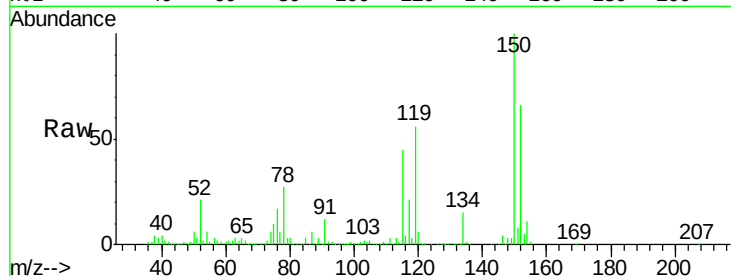
115 83.6 41.8 125.4

150 173.4 0.0 347.6

Manual Integrations
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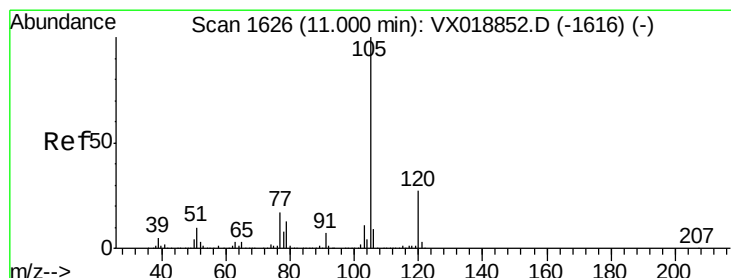
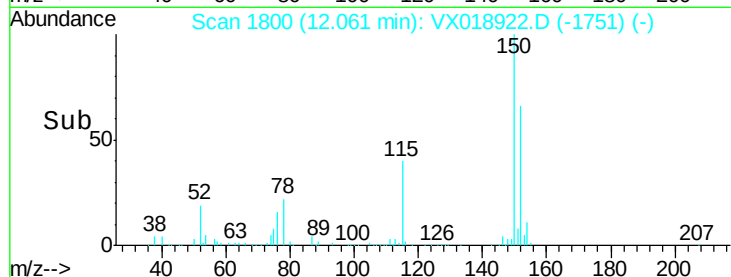
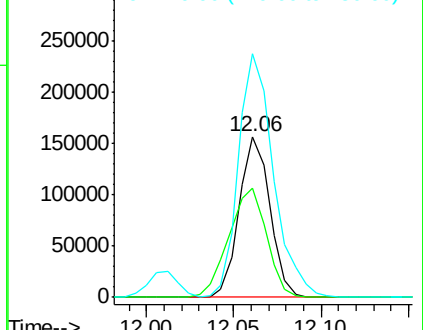
10/13/2020 2:19:20 PM



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 51.863 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018922.D

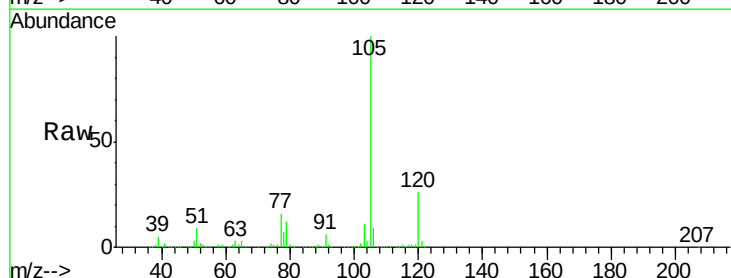
Acq: 12 Oct 2020 22:25

Tgt Ion:105 Resp: 647258

Ion Ratio Lower Upper

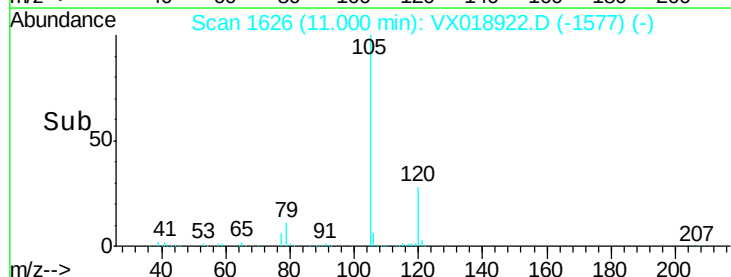
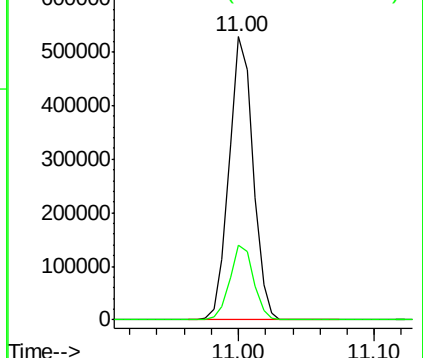
105 100

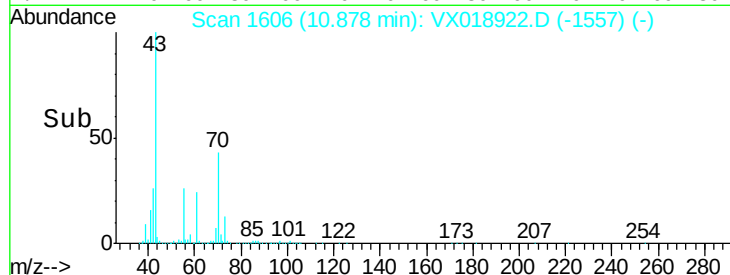
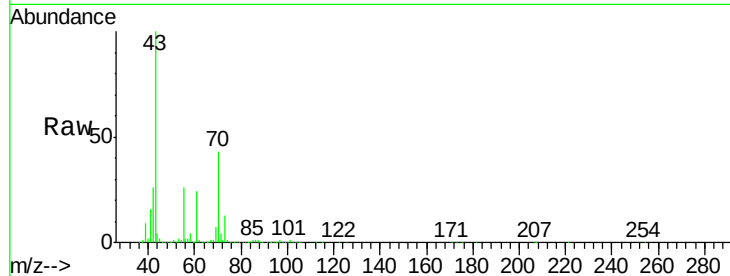
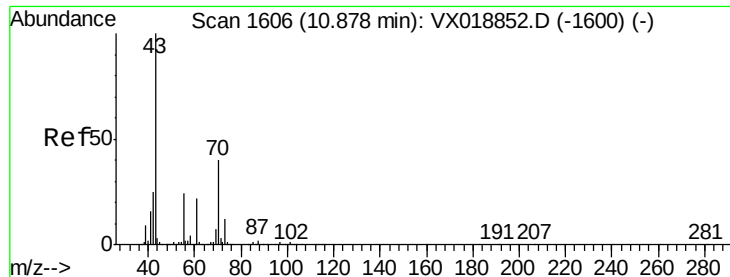
120 26.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 48.344 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		238706		
70	43.8	33.7	50.5		
55	25.7	19.8	29.8		
61	24.2	18.6	28.0		

Instrument :

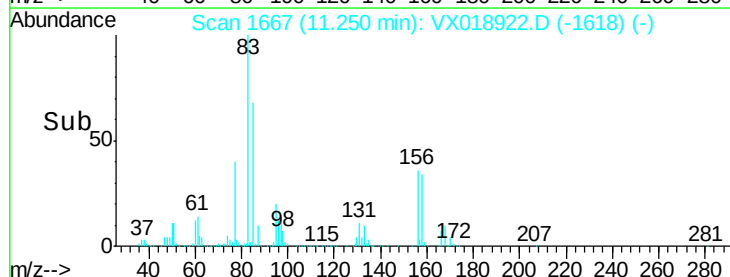
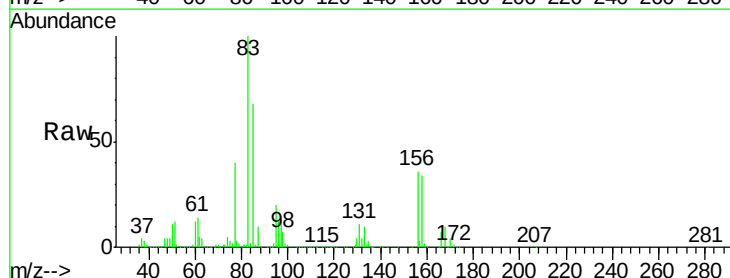
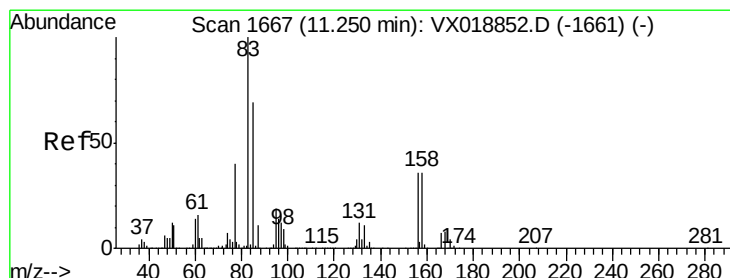
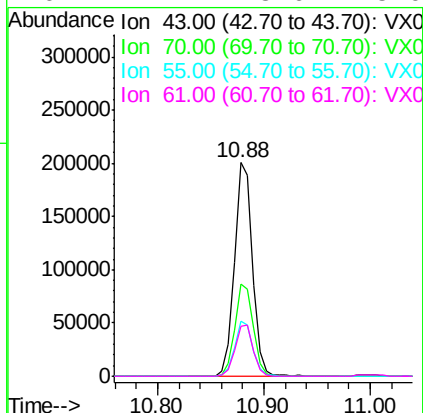
MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

Manual Integrations
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10/13/2020 2:19:20 PM



#75

1,1,2,2-Tetrachloroethane

Concen: 49.075 ug/l

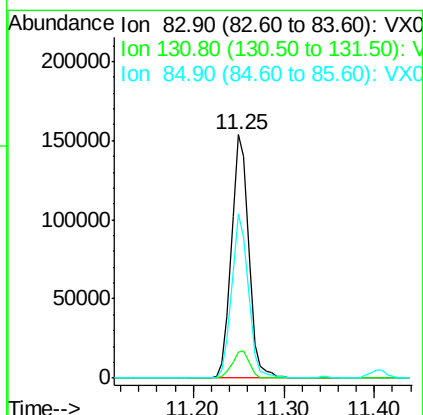
RT: 11.25 min Scan# 1667

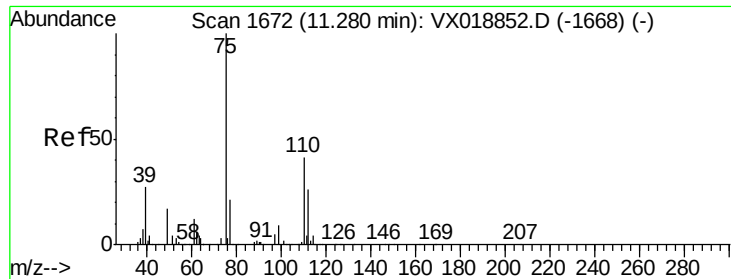
Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		204135		
131	11.2	5.9	17.8		
85	65.5	33.0	98.9		





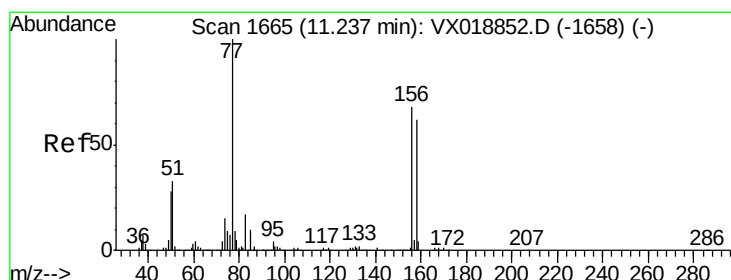
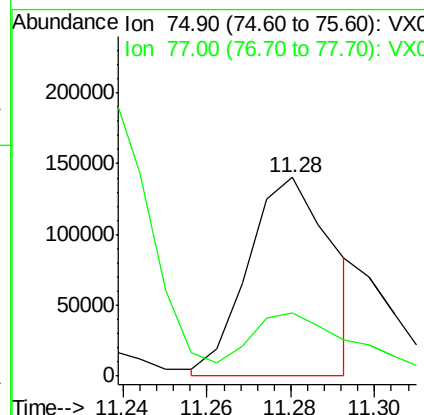
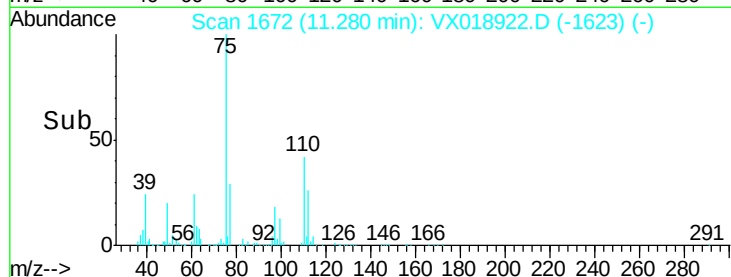
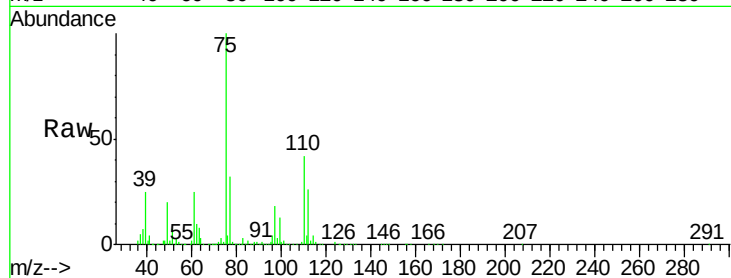
#76
 1,2,3-Trichloropropane
 Concen: 48.032 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MSD

Tot Ion: 75 Resp: 197448
 Ion Ratio Lower Upper
 75 100
 77 39.1 20.2 60.6

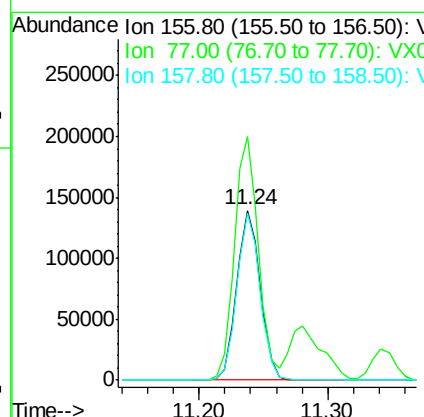
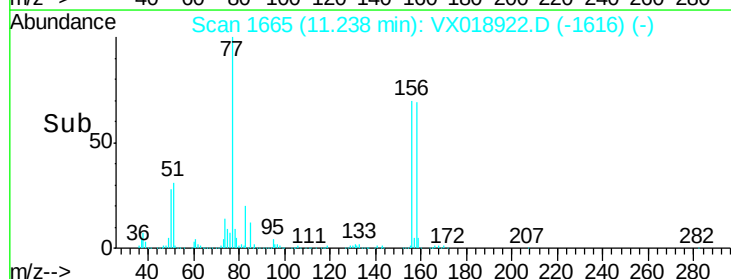
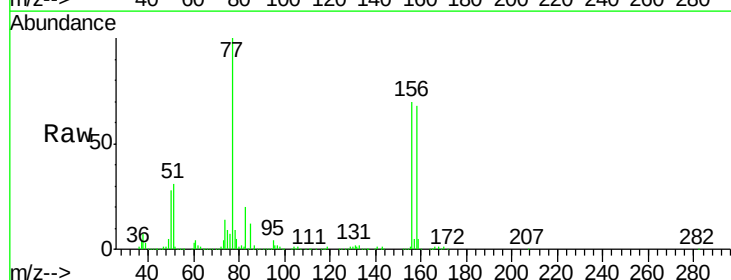
Manual Integrations
 APPROVED

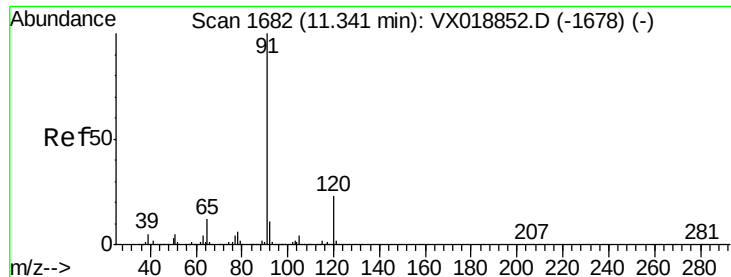
MMDadoda
 10/13/2020 2:19:20 PM



#77
 Bromobenzene
 Concen: 51.887 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Tgt Ion: 156 Resp: 177881
 Ion Ratio Lower Upper
 156 100
 77 146.2 76.0 228.1
 158 97.1 47.2 141.6





#78

n-propylbenzene

Concen: 51.019 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

Tot Ion: 91 Resp: 725531

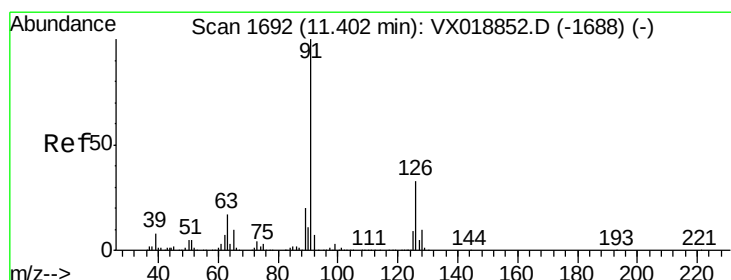
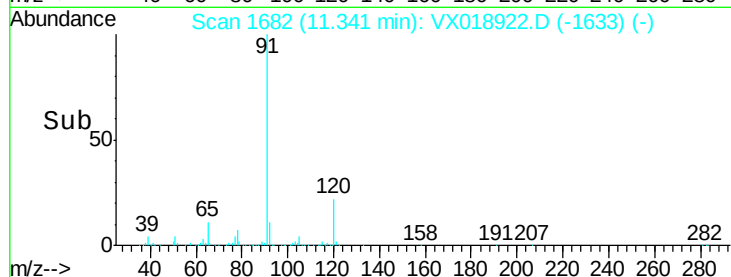
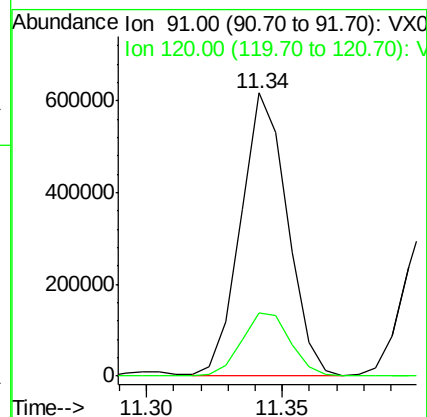
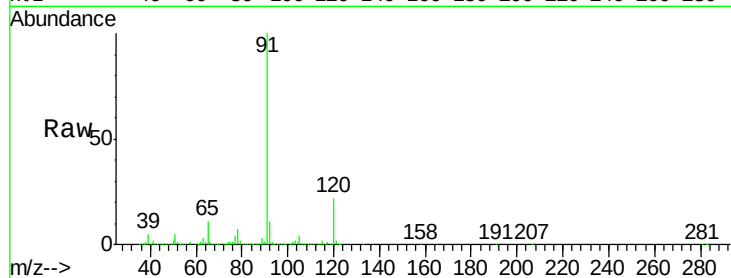
Ion Ratio Lower Upper

91 100

120 23.6 12.0 36.0

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#79

2-Chlorotoluene

Concen: 50.592 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018922.D

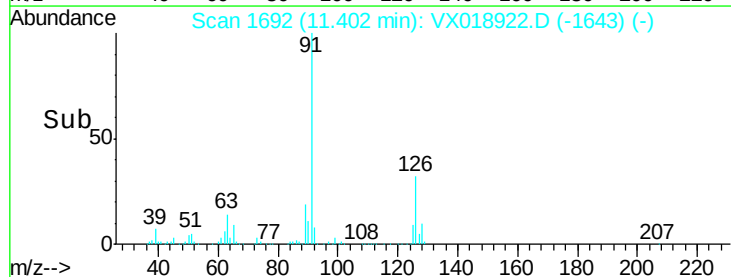
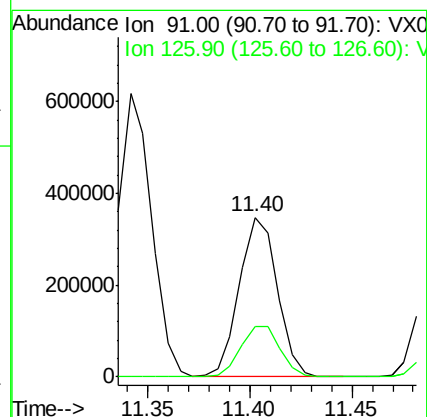
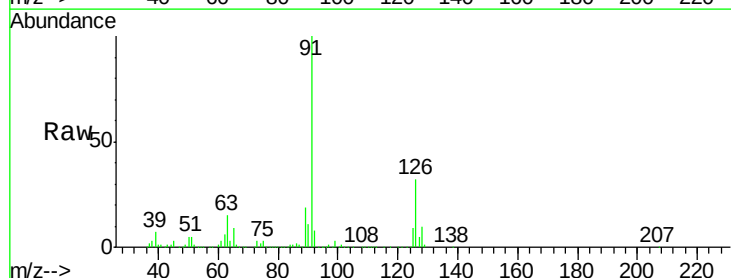
Acq: 12 Oct 2020 22:25

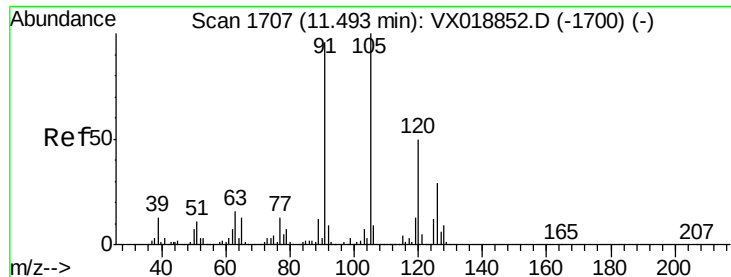
Tgt Ion: 91 Resp: 448480

Ion Ratio Lower Upper

91 100

126 33.3 17.1 51.3





#80

1,3,5-Trimethylbenzene

Concen: 51.266 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

Tot Ion:105 Resp: 547274

Ion Ratio Lower Upper

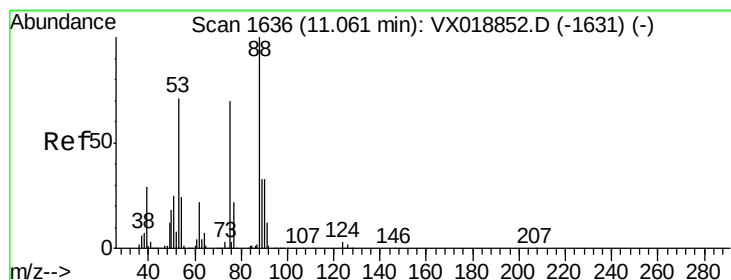
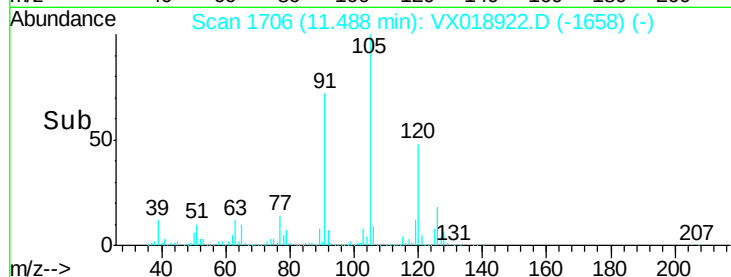
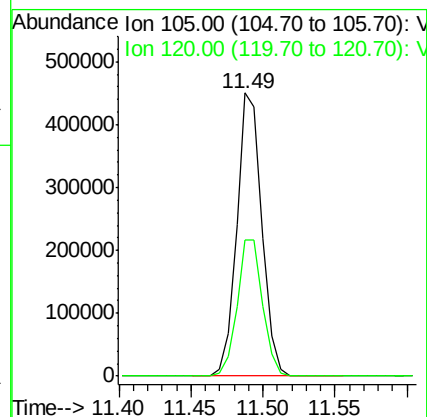
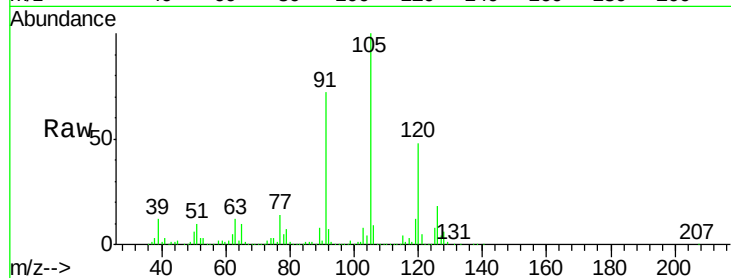
105 100

120 49.0 23.9 71.8

Manual Integrations
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#81

trans-1,4-Dichloro-2-butene

Concen: 45.591 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

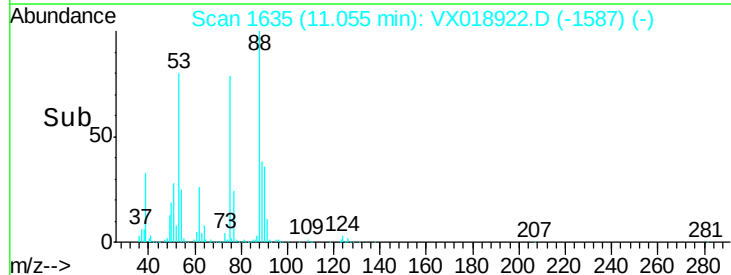
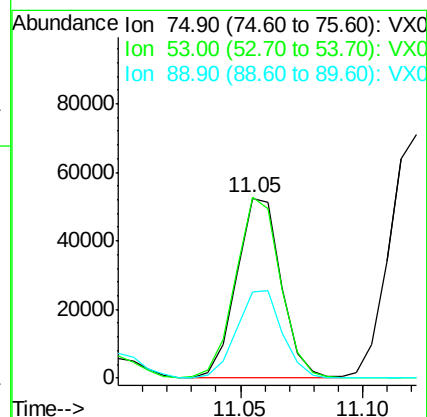
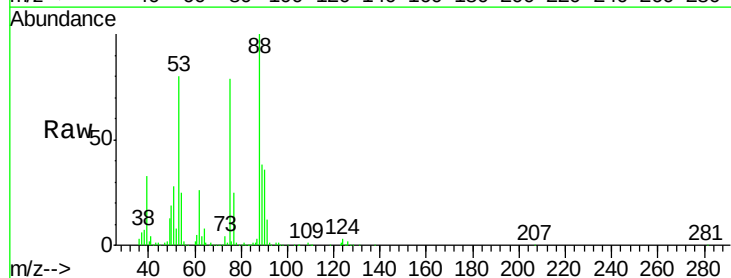
Tgt Ion: 75 Resp: 66131

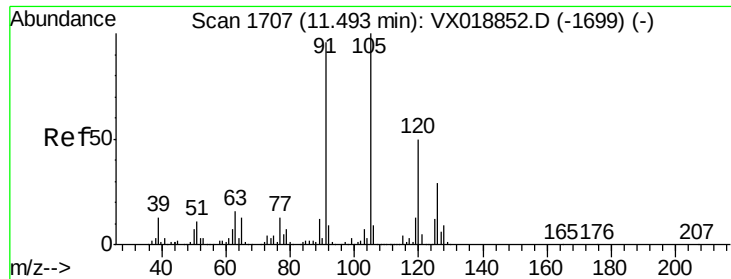
Ion Ratio Lower Upper

75 100

53 101.2 85.0 127.4

89 49.7 39.0 58.4





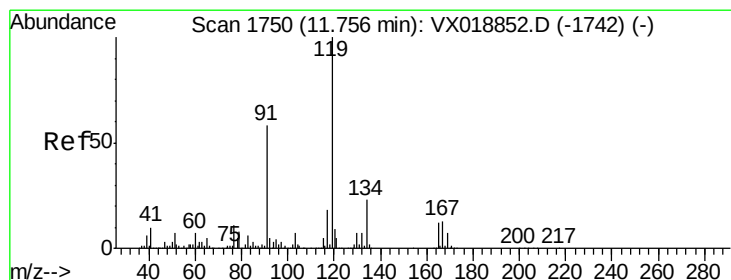
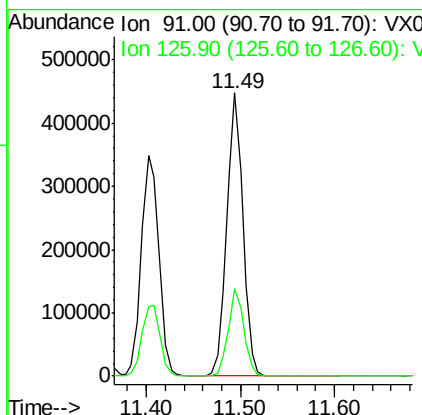
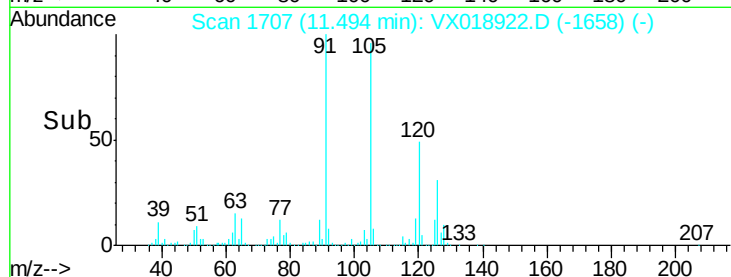
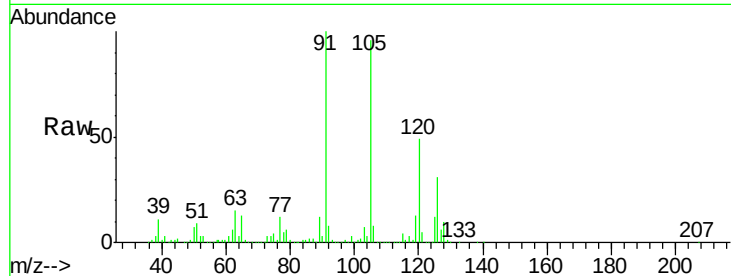
#82
4-Chlorotoluene
Concen: 50.454 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
126	29.9	14.9	44.7	

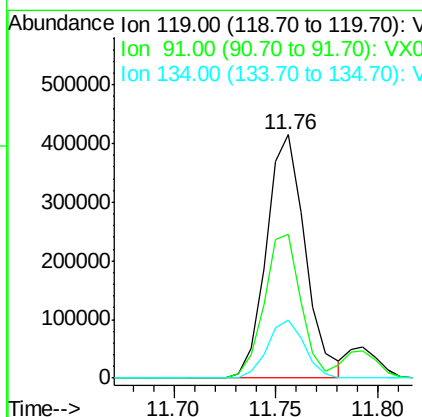
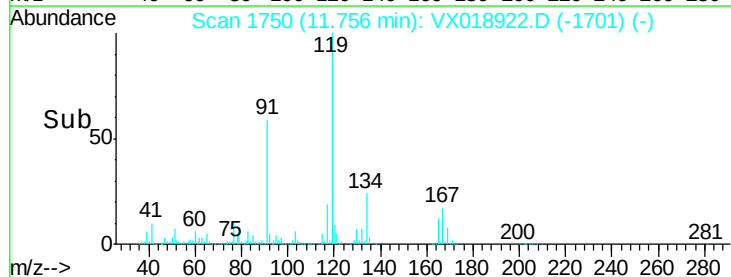
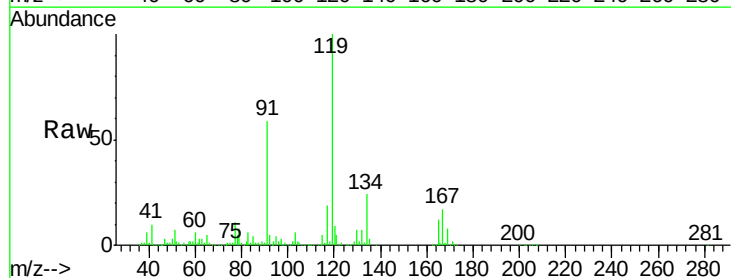
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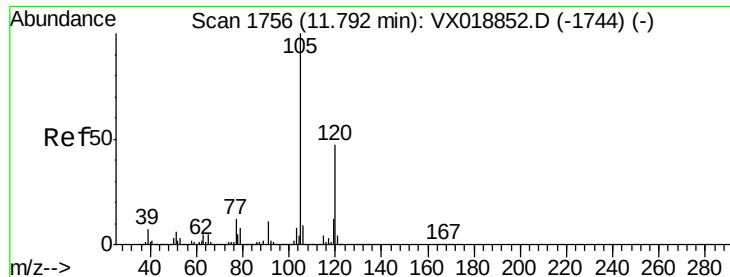
MMDadoda
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#83
tert-Butylbenzene
Concen: 51.667 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
119	100			
91	55.6	28.6	85.9	
134	22.8	11.7	35.0	





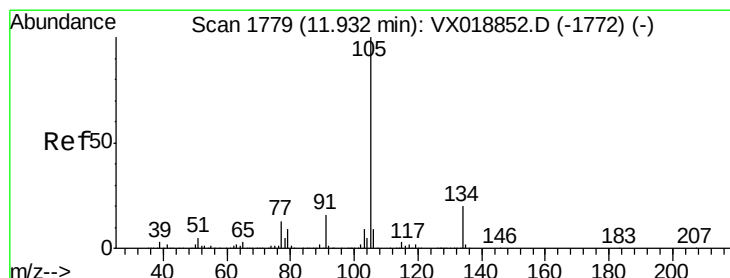
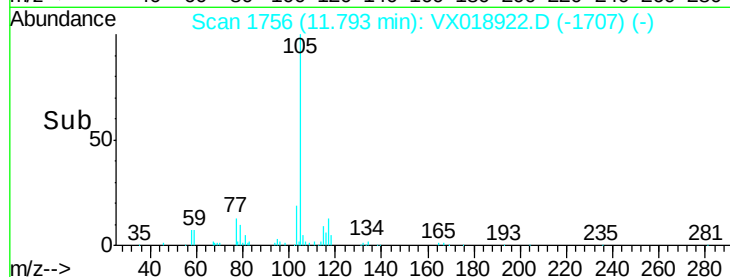
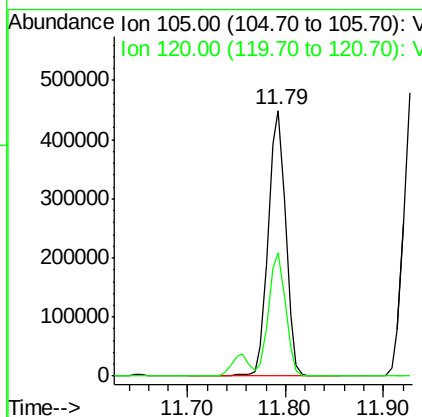
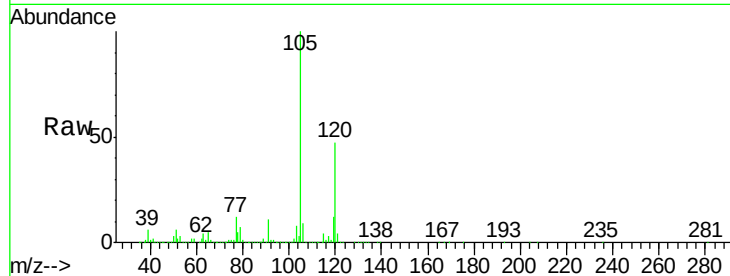
#84
 1,2,4-Trimethylbenzene
 Concen: 51.498 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MSD

Tot Ion:105 Resp: 558847
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.8

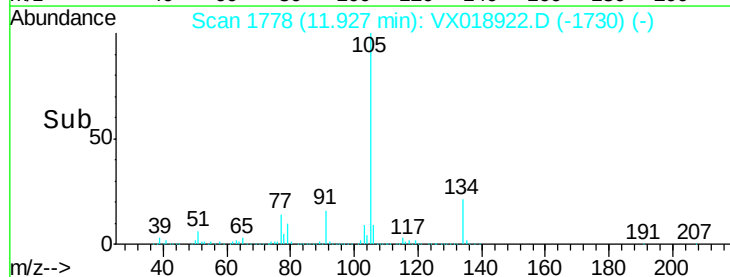
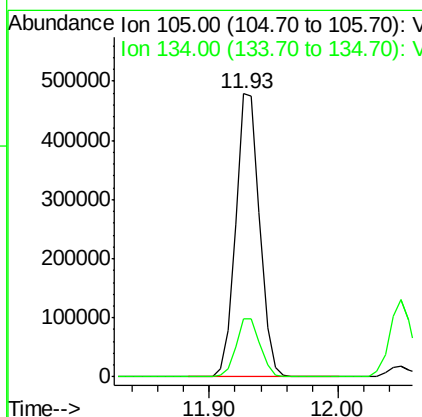
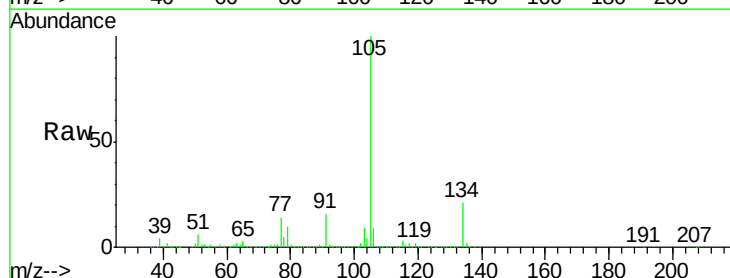
Manual Integrations
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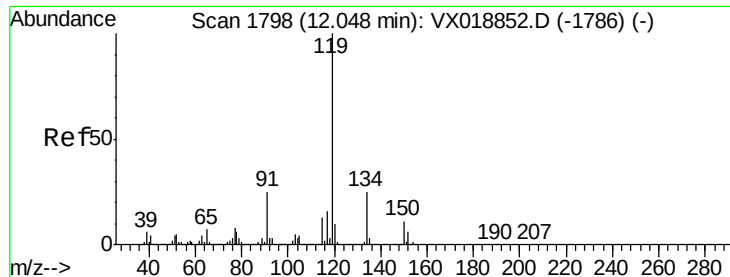
MMDadoda
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#85
 sec-Butylbenzene
 Concen: 51.183 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Tgt Ion:105 Resp: 616429
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4





#86

p-Isopropyltoluene

Concen: 51.852 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

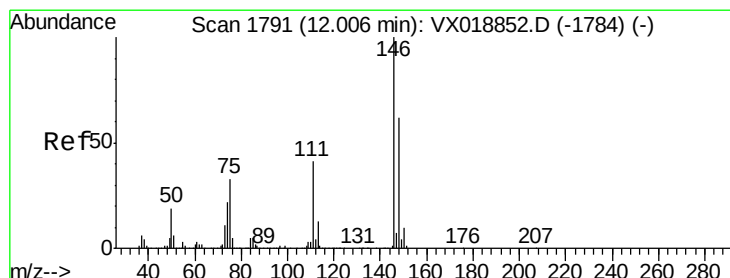
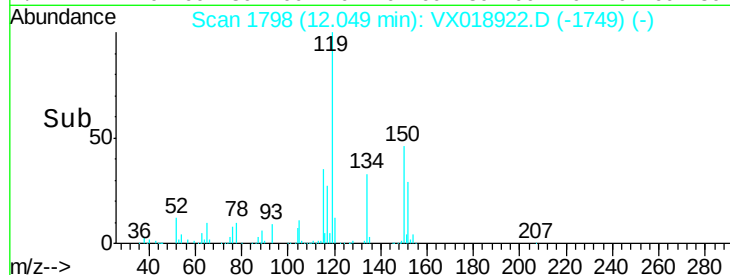
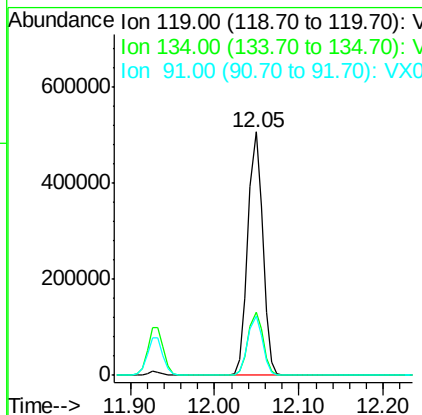
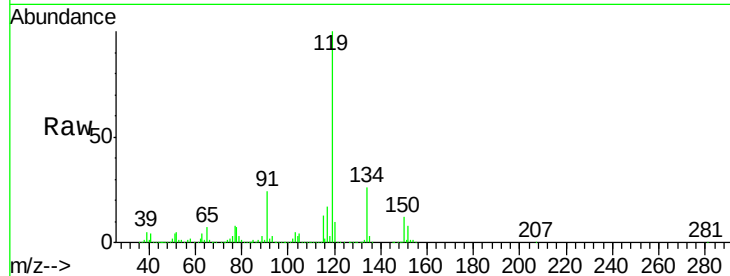
ClientSampleId :

FC-MW07S-20201003MSD

Tot Ion:	119	Resp:	592451
Ion Ratio	Lower	Upper	
119	100		
134	26.1	12.8	38.4
91	23.8	12.3	36.9

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#87

1,3-Dichlorobenzene

Concen: 49.185 ug/l

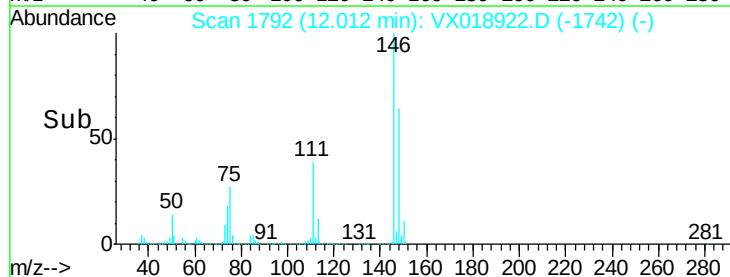
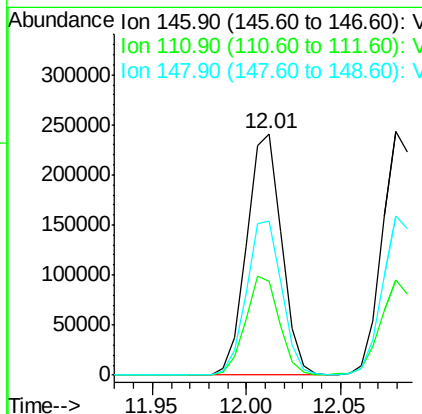
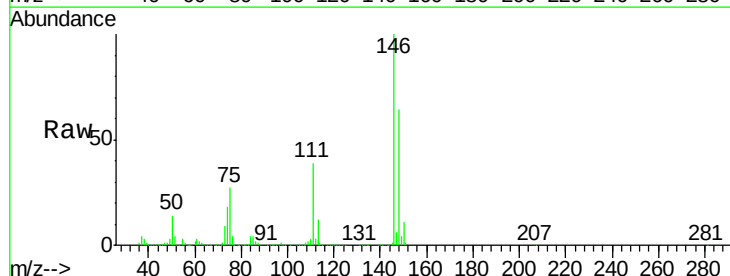
RT: 12.01 min Scan# 1792

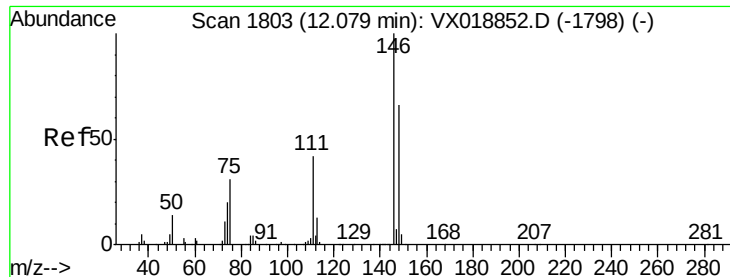
Delta R.T. 0.01 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Tgt Ion:	146	Resp:	309672
Ion Ratio	Lower	Upper	
146	100		
111	39.9	20.0	59.9
148	64.8	31.4	94.3





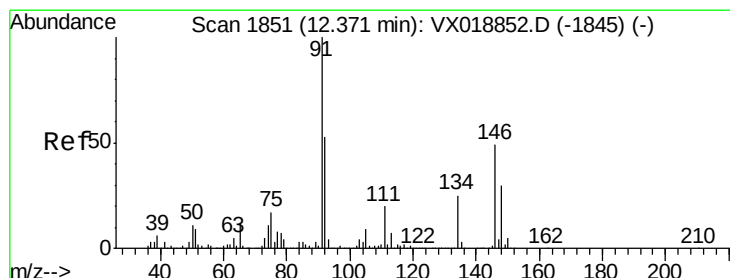
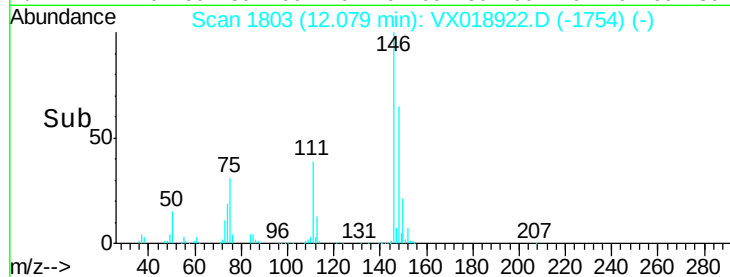
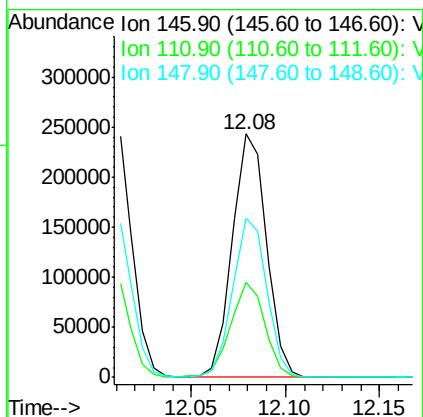
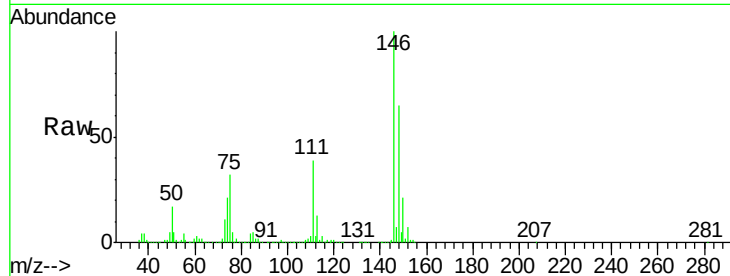
#88
 1,4-Dichlorobenzene
 Concen: 47.942 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.5	61.5
148	65.4	32.2	96.6

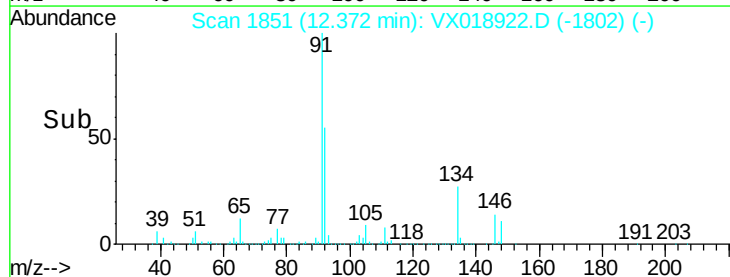
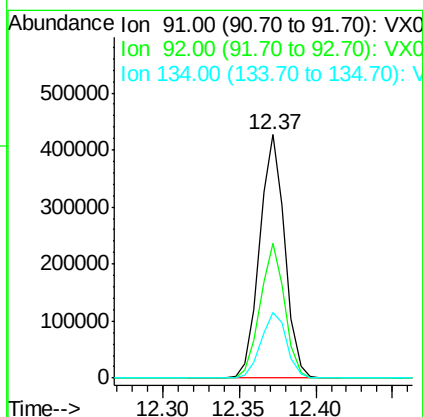
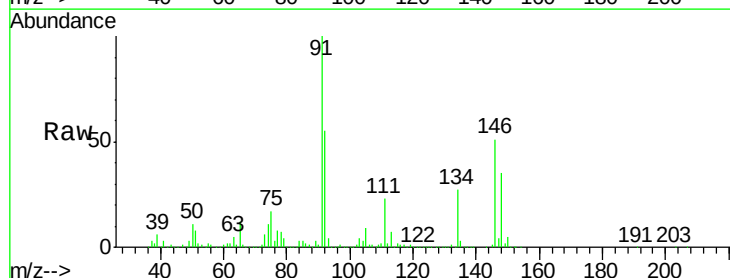
Manual Integrations
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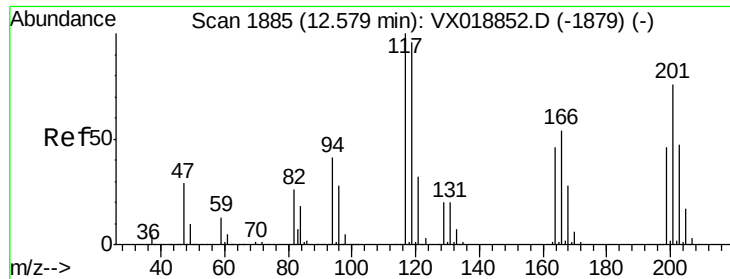
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#89
 n-Butylbenzene
 Concen: 49.119 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.7	80.0
134	27.6	13.5	40.4





#90

Hexachloroethane

Concen: 45.928 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

Instrument :

MSVOA_X

ClientSampleId :

FC-MW07S-20201003MSD

Tot Ion:117 Resp: 97559

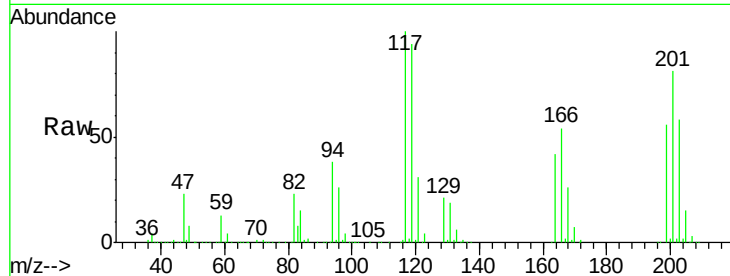
Ion Ratio Lower Upper

117 100

201 85.7 37.4 112.2

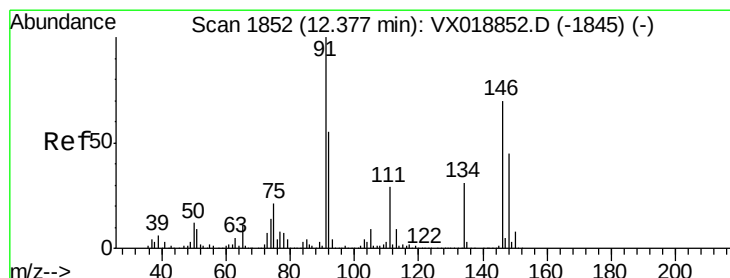
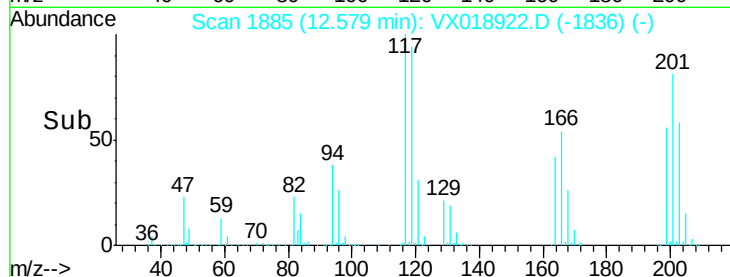
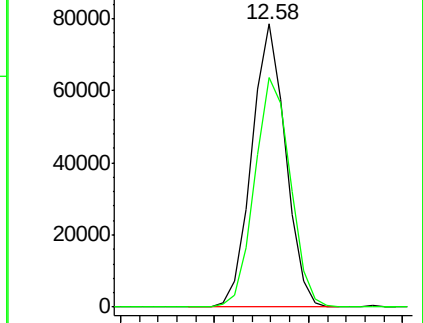
Manual Integrations
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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 49.165 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018922.D

Acq: 12 Oct 2020 22:25

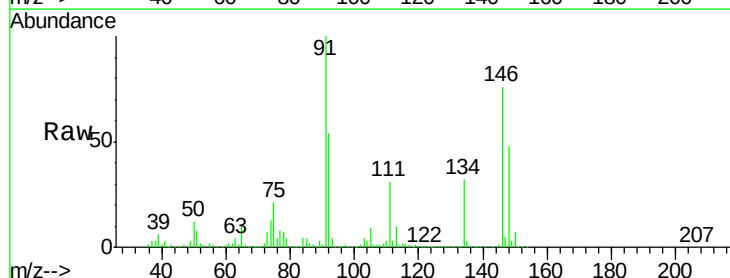
Tgt Ion:146 Resp: 294654

Ion Ratio Lower Upper

146 100

111 42.4 20.6 61.9

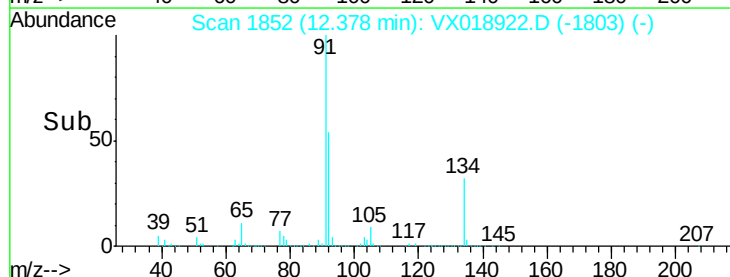
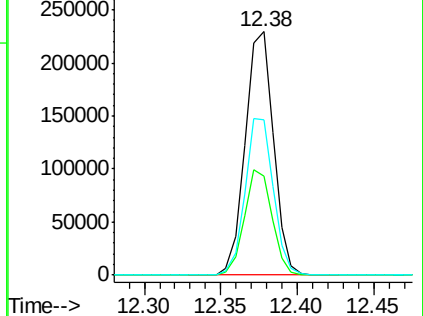
148 64.0 31.1 93.2

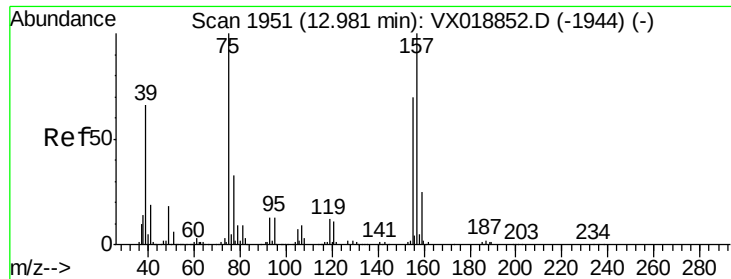


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





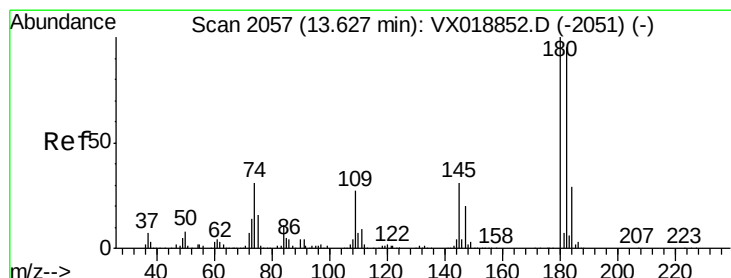
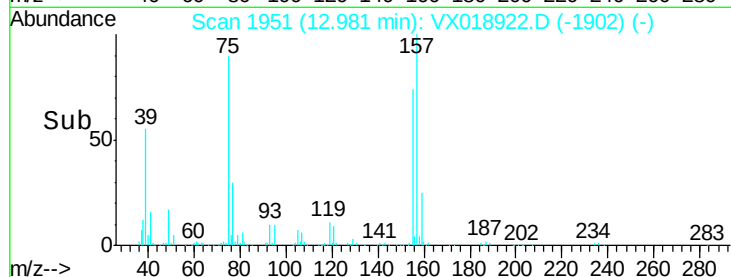
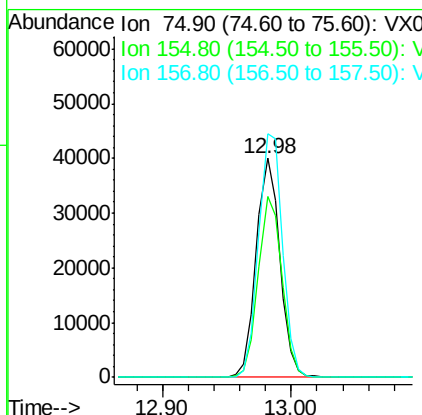
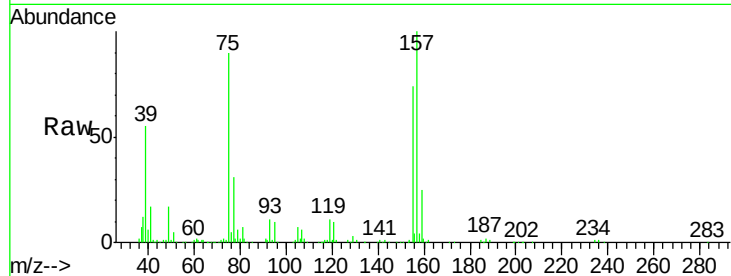
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.490 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	83.2	38.0	113.9
157	112.4	50.9	152.7

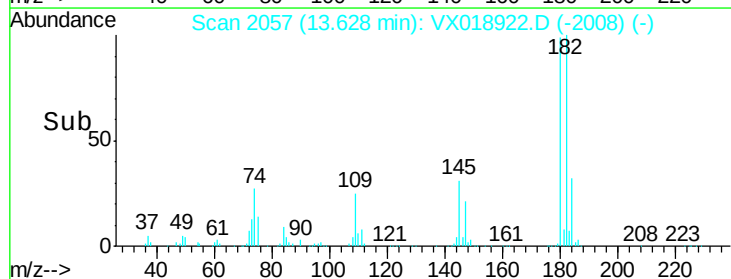
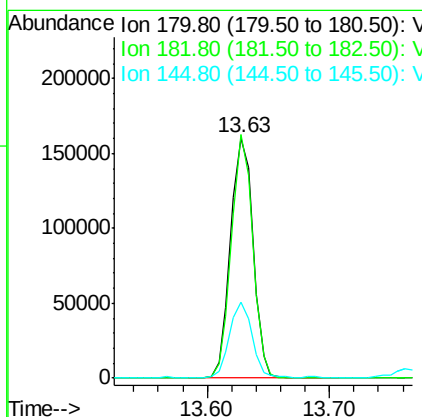
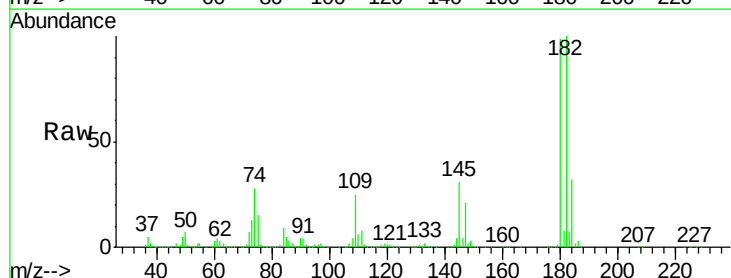
Manual Integrations
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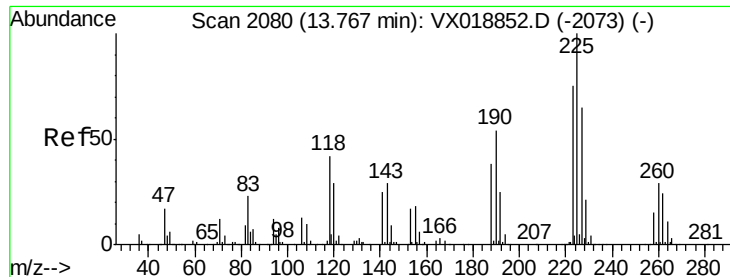
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#93
 1,2,4-Trichlorobenzene
 Concen: 52.884 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	49.1	147.3
145	31.9	16.0	48.0





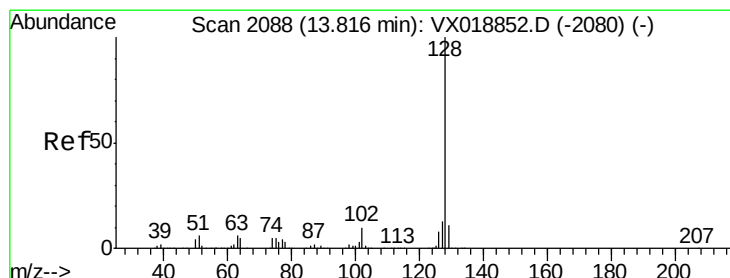
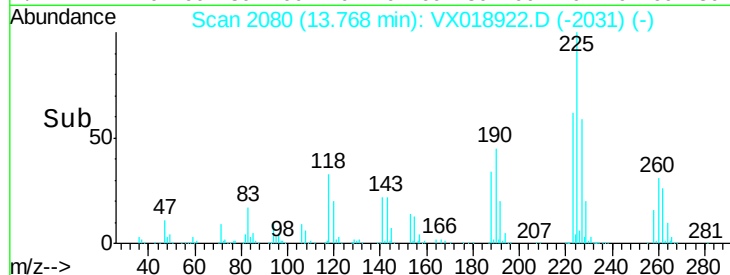
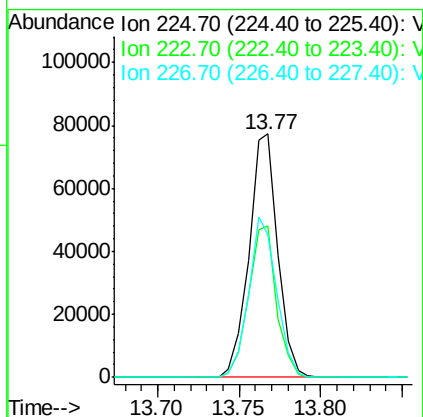
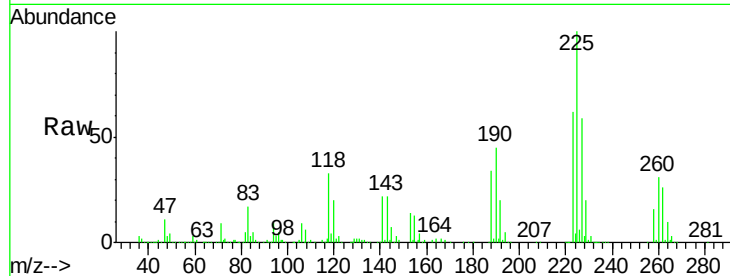
#94
Hexachlorobutadiene
Concen: 55.693 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Instrument :
MSVOA_X
ClientSampleId :
FC-MW07S-20201003MSD

Tot Ion	Ratio	Resp	Lower	Upper
225	100	95110		
223	60.5	32.1	96.3	
227	63.9	33.0	98.9	

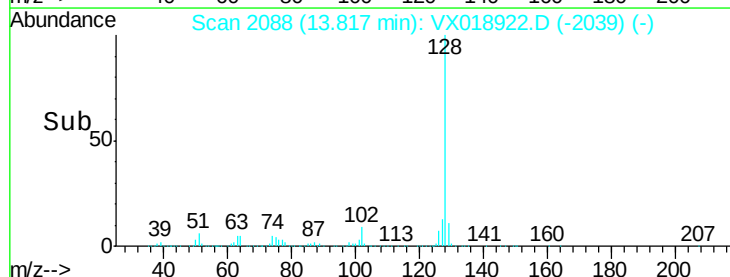
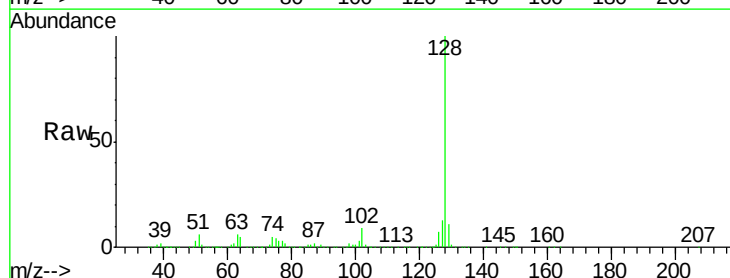
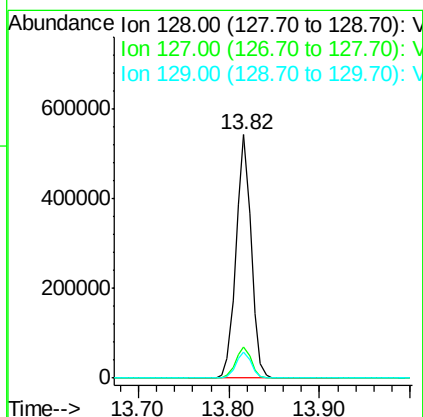
Manual Integrations
APPROVED

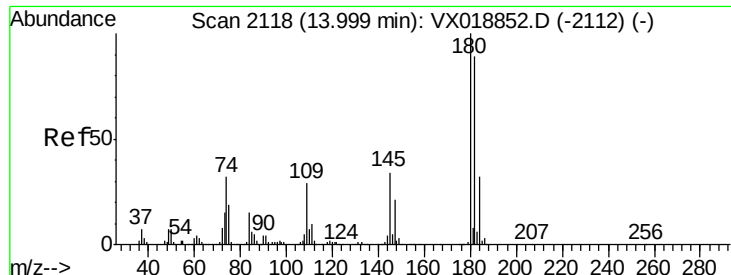
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#95
Naphthalene
Concen: 48.758 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018922.D
Acq: 12 Oct 2020 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	624837		
127	13.1	10.1	15.1	
129	11.0	8.6	13.0	





#96
 1,2,3-Trichlorobenzene
 Concen: 55.156 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VX018922.D
 Acq: 12 Oct 2020 22:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	207483		
182	92.0		47.7	143.1
145	35.0		16.7	50.0

Manual Integrations
 APPROVED

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 10/13/2020 2:19:20 PM

