

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071619\
 Data File : VX010920.D
 Acq On : 16 Jul 2019 20:35
 Operator : JC/SP
 Sample : K3791-15MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MSD

Manual Integrations
 APPROVED

MMDadoda
 7/17/2019 1:23:19 PM

Quant Time: Jul 17 05:50:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 04:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	366051	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	338005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176961	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	130010	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	5.50	113	115192	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
50) Toluene-d8	8.71	98	437867	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
62) 4-Bromofluorobenzene	11.13	95	167654	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	129556	50.888	ug/l	100
3) Chloromethane	1.32	50	113856	51.866	ug/l	99
4) Vinyl Chloride	1.41	62	119835	53.520	ug/l	99
5) Bromomethane	1.64	94	60978	48.327	ug/l	96
6) Chloroethane	1.72	64	71252	50.075	ug/l	96
7) Trichlorofluoromethane	1.93	101	193545	51.065	ug/l	99
8) Diethyl Ether	2.19	74	64575	49.449	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	105198	48.610	ug/l	99
10) Methyl Iodide	2.51	142	149725	52.722	ug/l	100
11) Tert butyl alcohol	3.05	59	129723	219.338	ug/l #	73
12) 1,1-Dichloroethene	2.37	96	107741	50.671	ug/l	97
13) Acrolein	2.29	56	79505	232.669	ug/l	99
14) Allyl chloride	2.73	41	159891	51.770	ug/l	100
15) Acrylonitrile	3.14	53	336789	281.809	ug/l	94
16) Acetone	2.45	43	257899	224.852	ug/l	98
17) Carbon Disulfide	2.57	76	286776	52.579	ug/l	100
18) Methyl Acetate	2.78	43	115589	44.258	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	353962	51.712	ug/l #	1
20) Methylene Chloride	2.85	84	118423	48.720	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	113807	50.445	ug/l	96
22) Diisopropyl ether	3.85	45	332285	51.012	ug/l	96
23) Vinyl Acetate	3.81	43	1297210	235.040	ug/l	99
24) 1,1-Dichloroethane	3.70	63	192635	50.922	ug/l	100
25) 2-Butanone	4.67	43	418878	254.411	ug/l	98
26) 2,2-Dichloropropane	4.58	77	131254	42.257	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	133010	50.942	ug/l	97
28) Bromochloromethane	5.01	49	92152	51.694	ug/l	99
29) Tetrahydrofuran	5.13	42	274207	262.919	ug/l	98
30) Chloroform	5.21	83	208460	50.982	ug/l	92
31) Cyclohexane	5.59	56	716893	207.911	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	186190	52.633	ug/l	100
36) 1,1-Dichloropropene	5.80	75	151884	50.514	ug/l	99
37) Ethyl Acetate	4.84	43	141691	46.021	ug/l	98
38) Carbon Tetrachloride	5.79	117	163870	52.301	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	871105	223.406	ug/l	98
40) Benzene	6.14	78	460131	49.958	ug/l	99
41) Methacrylonitrile	5.04	41	88122	50.419	ug/l	97
42) 1,2-Dichloroethane	6.19	62	163054	50.916	ug/l	100
43) Isopropyl Acetate	6.45	43	252457	49.867	ug/l	98
44) Trichloroethene	7.21	130	134256	49.245	ug/l	96
45) 1,2-Dichloropropane	7.51	63	116762	49.808	ug/l	98
46) Dibromomethane	7.66	93	85306	50.926	ug/l	100
47) Bromodichloromethane	7.90	83	157283	52.747	ug/l	98
48) Methyl methacrylate	7.77	41	162868	66.039	ug/l	90
49) 1,4-Dioxane	7.74	88	57501	833.515	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	861440	262.494	ug/l	99
52) Toluene	8.78	92	302635	50.018	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	170021	53.029	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	182751	51.224	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	121252	48.670	ug/l	97
56) Ethyl methacrylate	9.18	69	203685	55.893	ug/l	97
57) 1,3-Dichloropropane	9.37	76	199898	50.580	ug/l	99
59) 2-Hexanone	9.49	43	645160	253.463	ug/l	99
60) Dibromochloromethane	9.58	129	137595	48.091	ug/l	100
61) 1,2-Dibromoethane	9.67	107	137715	52.088	ug/l	100
64) Tetrachloroethene	9.34	164	118563	44.589	ug/l	98
65) Chlorobenzene	10.13	112	340023	48.978	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	126315	51.770	ug/l	99
67) Ethyl Benzene	10.25	91	1207831	102.214	ug/l	99
68) m/p-Xylenes	10.36	106	675017	148.919	ug/l	99
69) o-Xylene	10.69	106	229277	51.828	ug/l	99
70) Stvrene	10.71	104	381462	51.728	ug/l	99
71) Bromoform	10.85	173	105208	47.492	ug/l #	99
73) Isopropylbenzene	11.02	105	879396	73.545	ug/l	100
74) N-amyl acetate	10.90	43	212473	46.506	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	197137	50.379	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	163676m	51.255	ug/l	
77) Bromobenzene	11.26	156	162536	49.280	ug/l	98
78) n-propylbenzene	11.36	91	1308460	99.037	ug/l	99
79) 2-Chlorotoluene	11.42	91	419340	52.836	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	1071352	107.227	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56941	45.560	ug/l	99
82) 4-Chlorotoluene	11.51	91	531308	57.517	ug/l	92
83) tert-Butylbenzene	11.77	119	533810	54.392	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	2315061	229.888	ug/l	100
85) sec-Butylbenzene	11.94	105	676895	58.863	ug/l	98
86) p-Isopropyltoluene	12.06	119	638609	60.069	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	288762	50.449	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	285885	48.700	ug/l	99
89) n-Butylbenzene	12.38	91	583478	64.151	ug/l	89
90) Hexachloroethane	12.60	117	126133	75.221	ug/l	72
91) 1,2-Dichlorobenzene	12.39	146	279509	49.273	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46858	57.287	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	199164	51.806	ug/l	97

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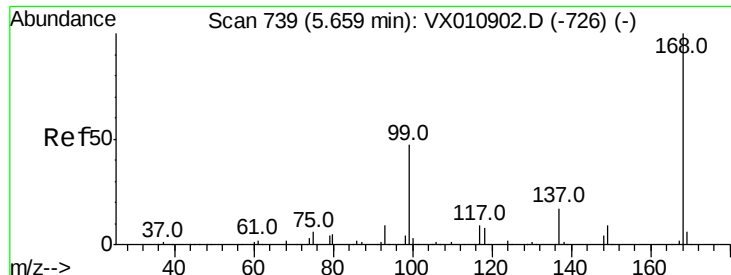
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	92461	48.533	ug/l	99
95) Naphthalene	13.83	128	788867	69.489	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	198771	51.964	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MSD

Tot Ion:168 Resp: 238711

Ion Ratio Lower Upper

168 100

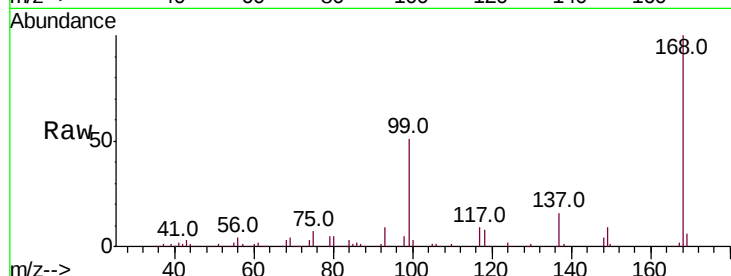
99 50.6 37.6 56.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

40000

20000

0

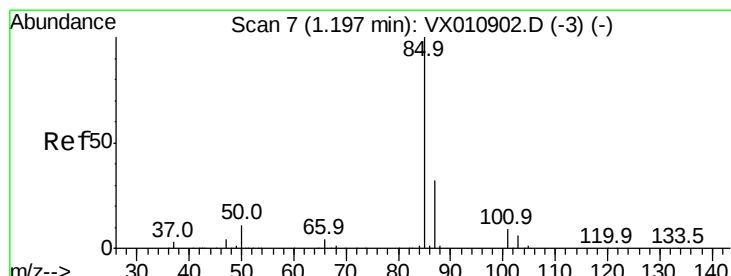
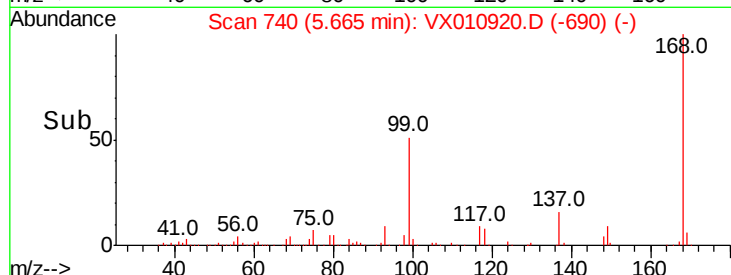
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.888 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010920.D

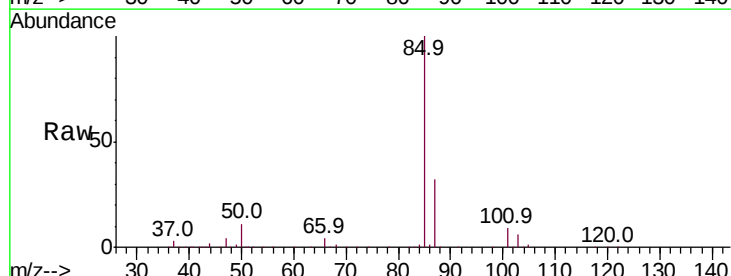
Acq: 16 Jul 2019 20:35

Tgt Ion: 85 Resp: 129556

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

100000

50000

0

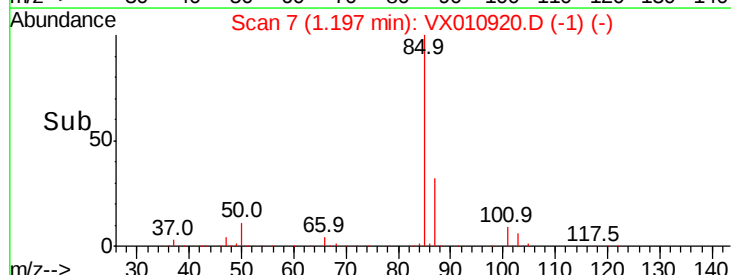
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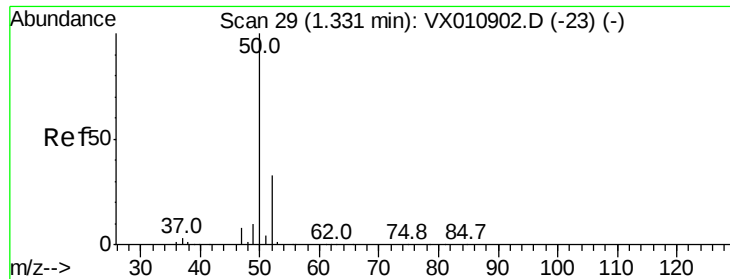
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 51.866 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MSD

Tot Ion: 50 Resp: 113856

Ion Ratio Lower Upper

50 100

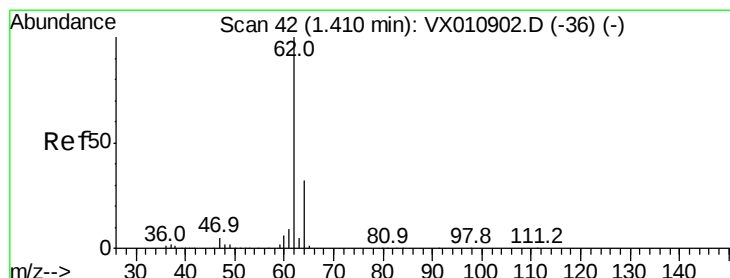
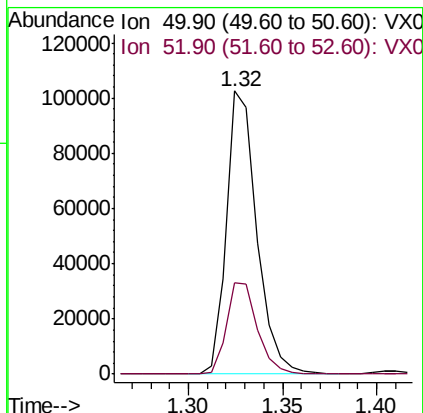
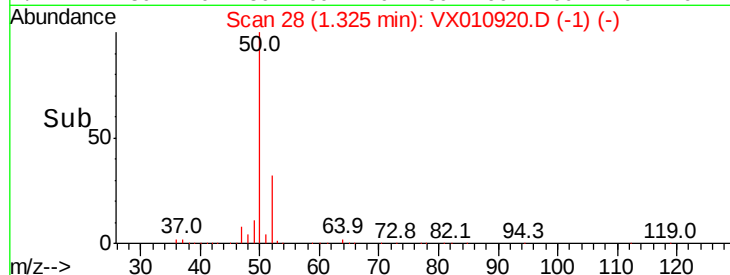
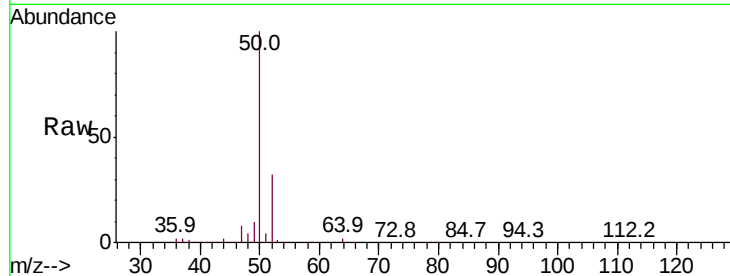
52 32.3 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.520 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010920.D

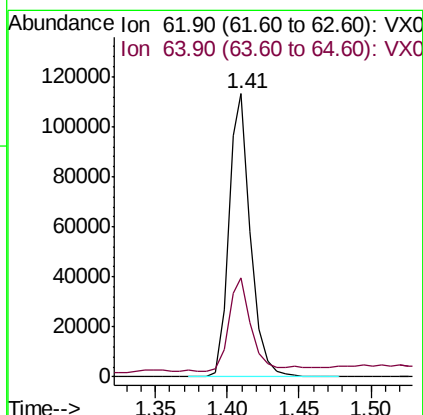
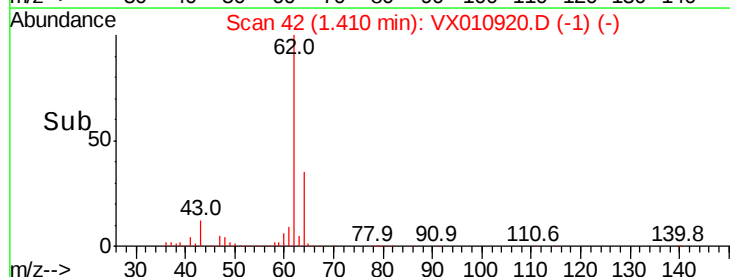
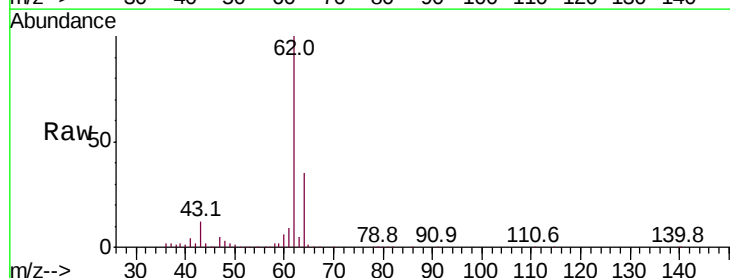
Acq: 16 Jul 2019 20:35

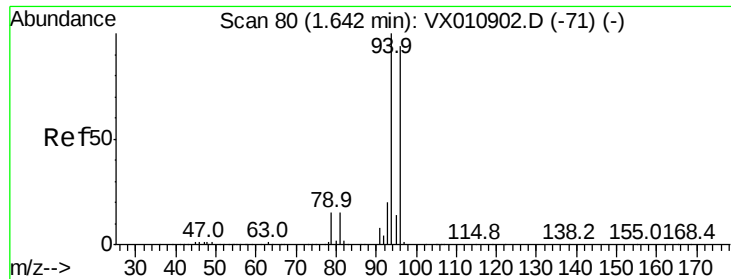
Tgt Ion: 62 Resp: 119835

Ion Ratio Lower Upper

62 100

64 32.9 25.7 38.5





#5

Bromomethane

Concen: 48.327 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Instrument :

MSVOA_X

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FL-0604MSD

Tot Ion: 94 Resp: 60978

Ion Ratio Lower Upper

94 100

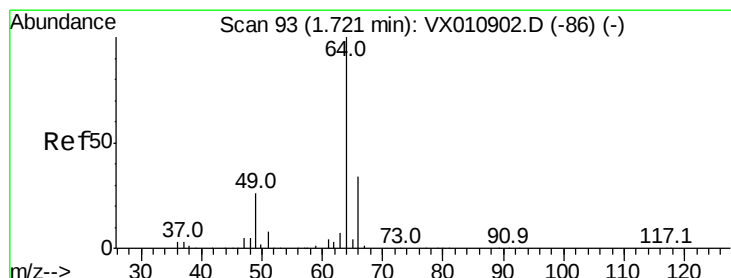
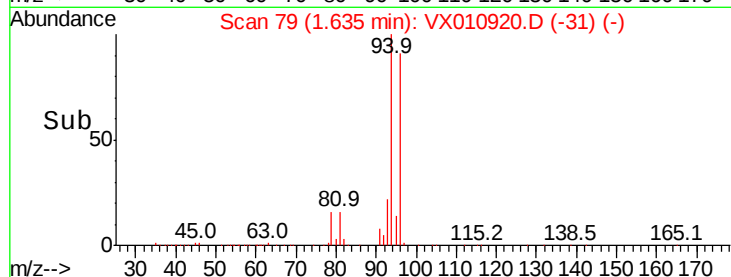
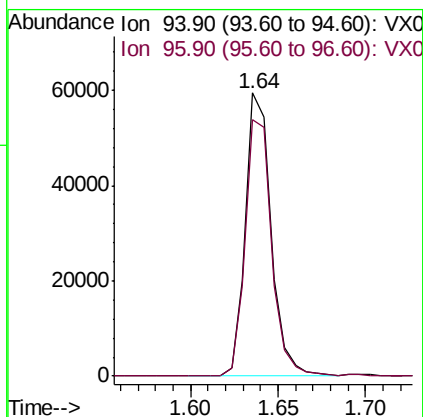
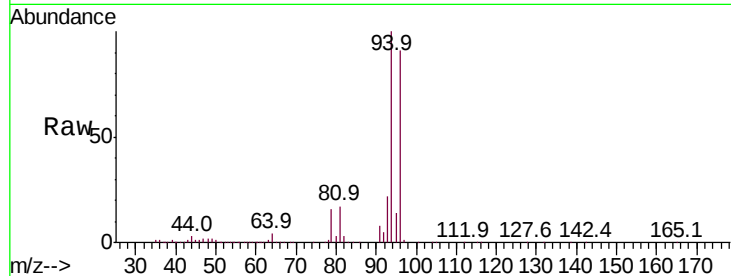
96 90.7 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 50.075 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX010920.D

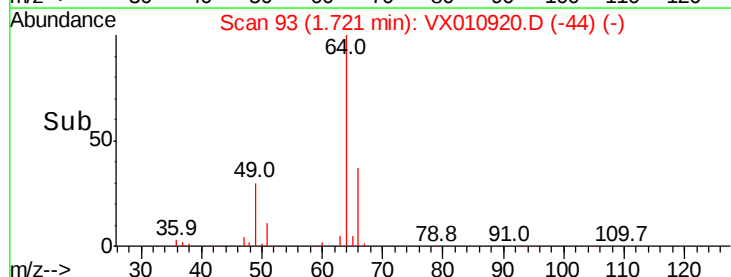
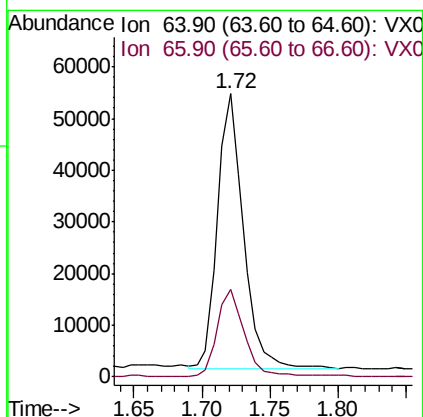
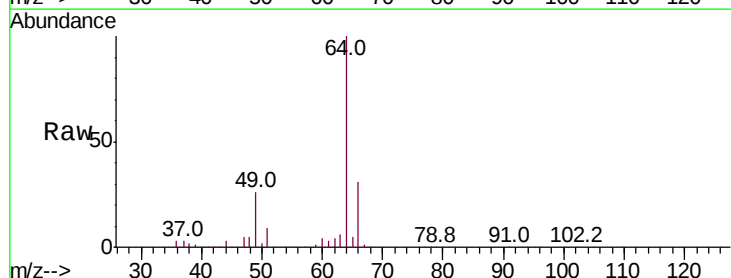
Acq: 16 Jul 2019 20:35

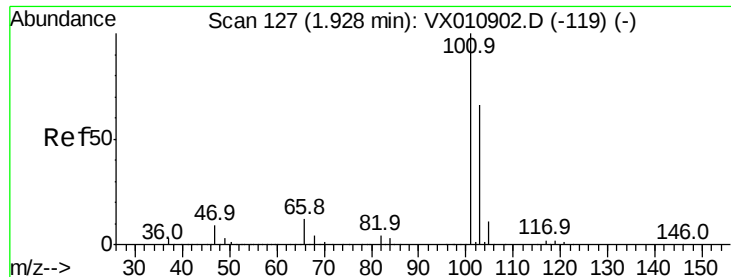
Tgt Ion: 64 Resp: 71252

Ion Ratio Lower Upper

64 100

66 31.5 27.0 40.6





#7

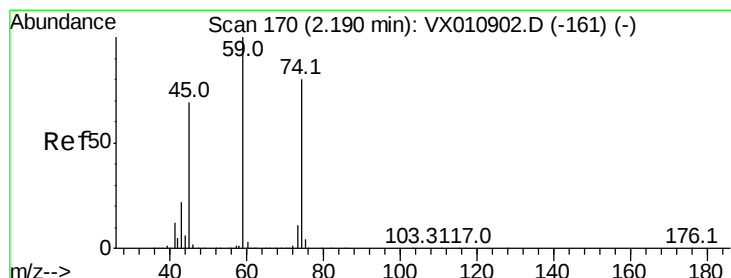
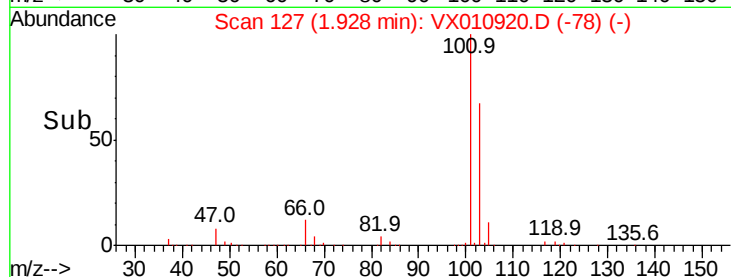
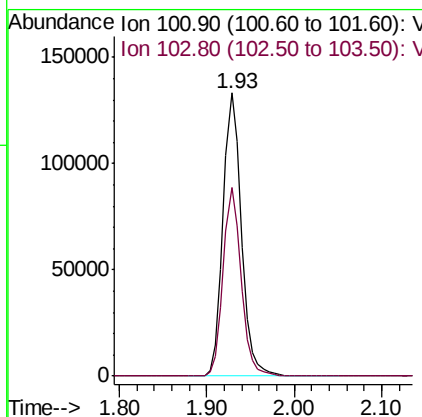
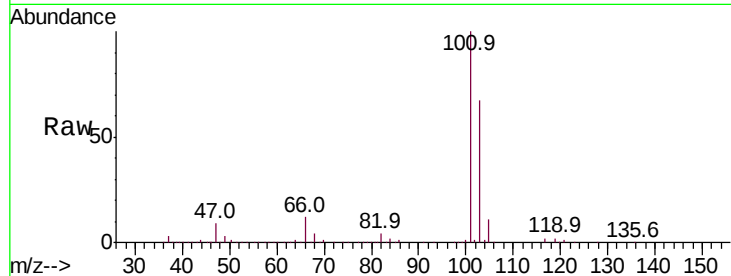
Trichlorofluoromethane
Concen: 51.065 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.8	52.6	78.8

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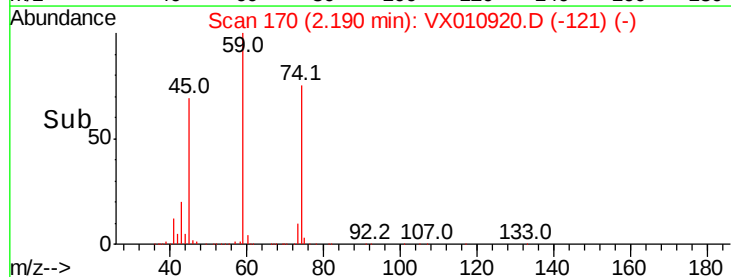
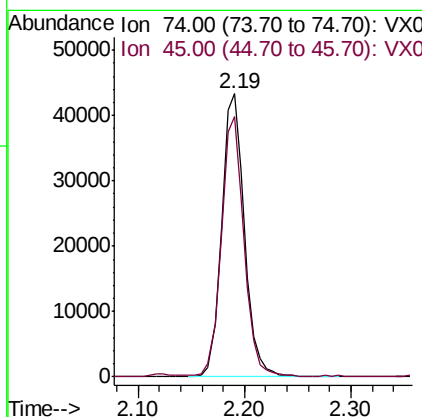
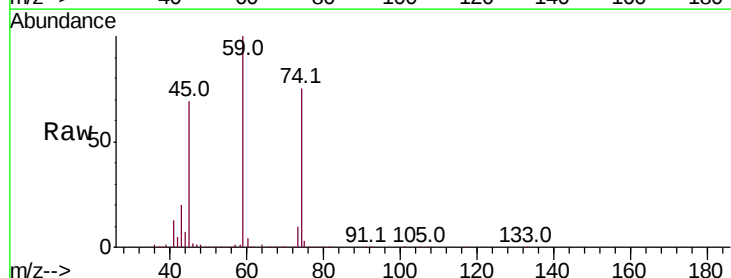
MMDadoda
7/17/2019 1:23:19 PM

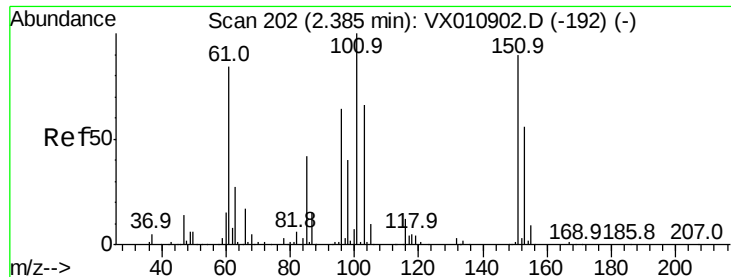


#8

Diethyl Ether
Concen: 49.449 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.5	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.610 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Instrument :

MSVOA_X

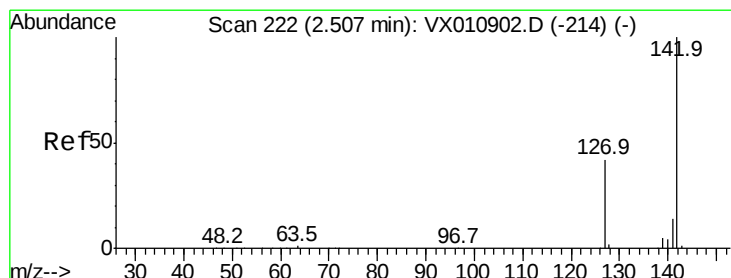
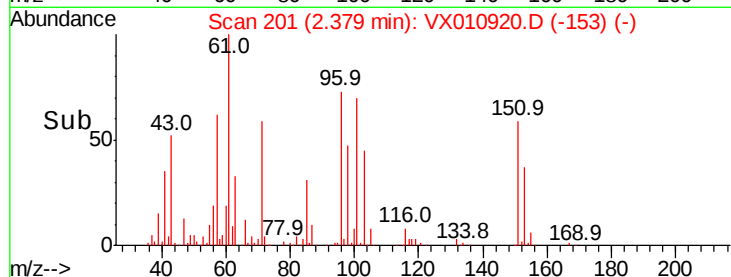
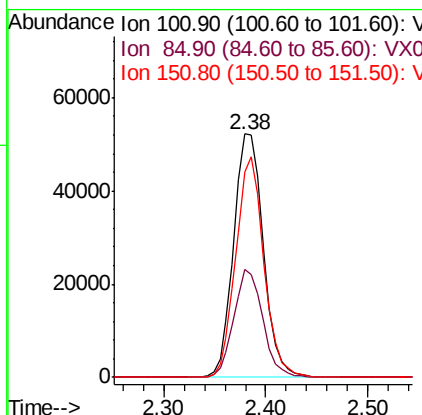
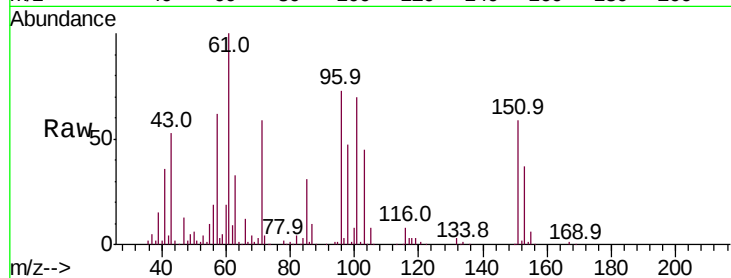
ClientSampleId :

FL-0604MSD

Tot Ion:	101	Resp:	105198
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.6	52.0
151	85.7	69.6	104.4

Manual Integrations
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#10

Methyl Iodide

Concen: 52.722 ug/l

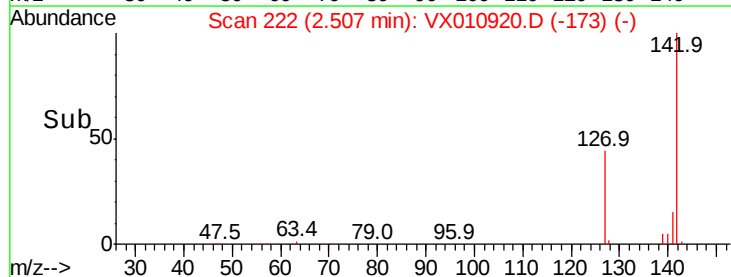
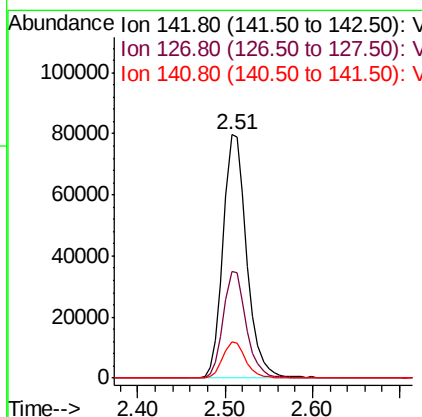
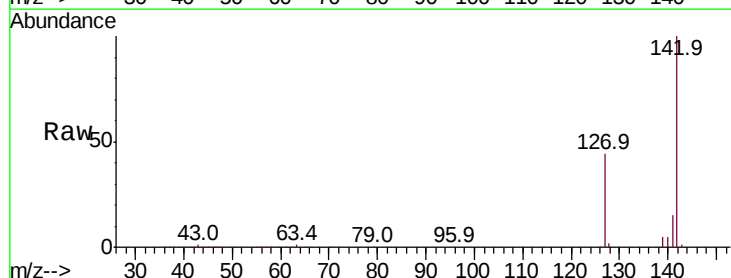
RT: 2.51 min Scan# 222

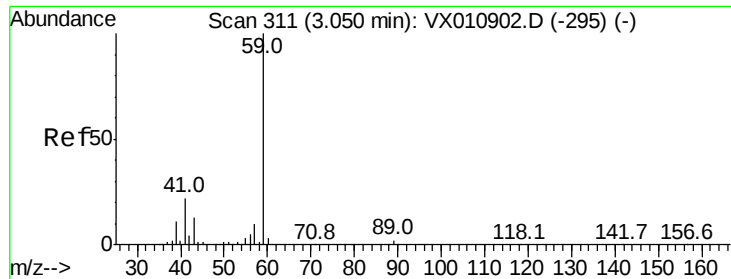
Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Tgt Ion:	142	Resp:	149725
Ion Ratio	Lower	Upper	
142	100		
127	42.6	34.2	51.4
141	14.3	11.7	17.5





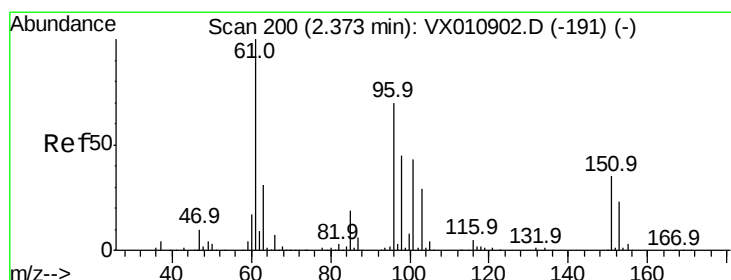
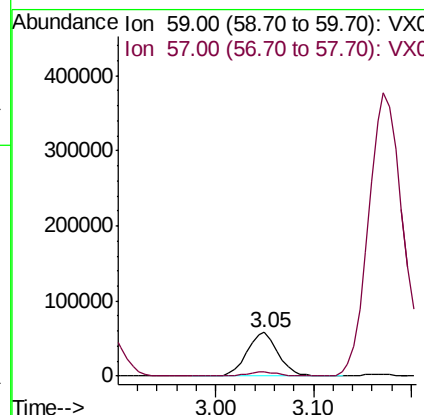
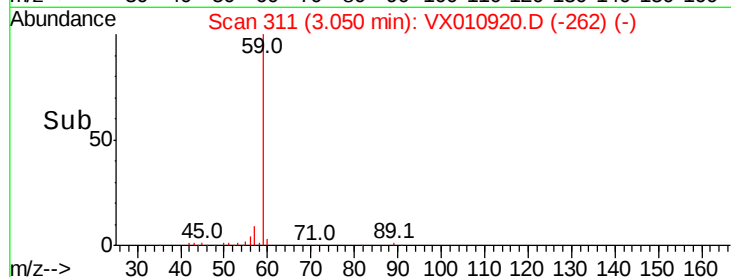
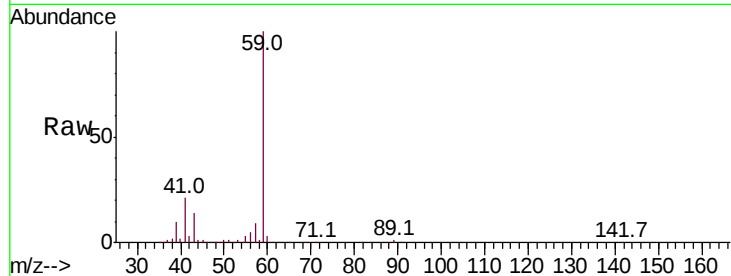
#11
Tert butyl alcohol
Concen: 219.338 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Instrument :
MSVOA_X
ClientSampleId :
FL-0604MSD

Tot Ion: 59 Resp: 129723
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

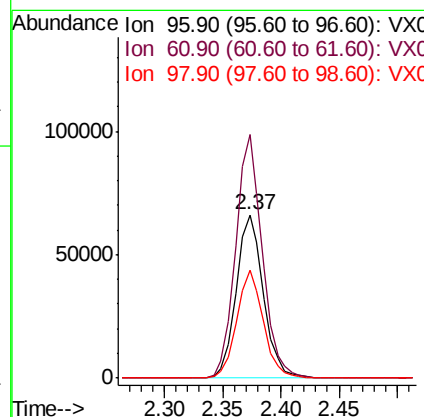
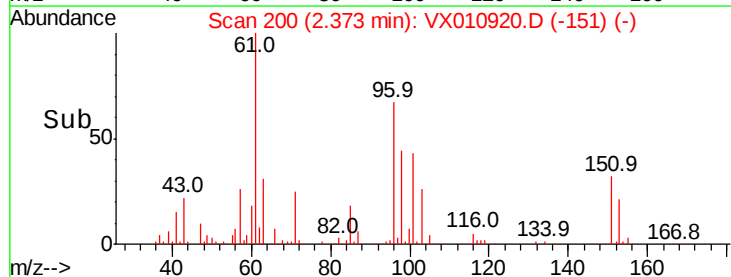
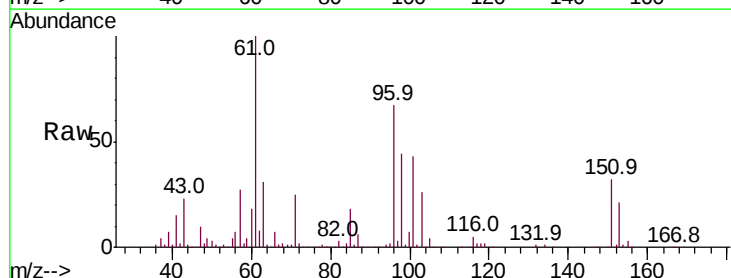
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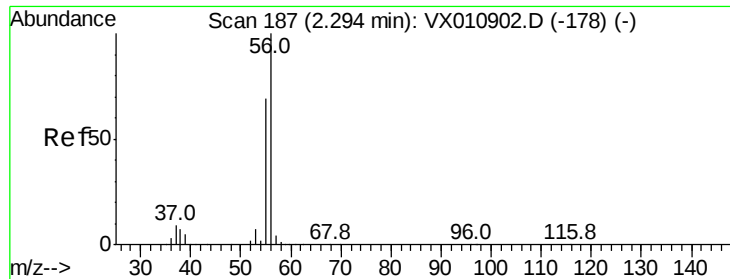
MMDadoda
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#12
1,1-Dichloroethene
Concen: 50.671 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Tgt Ion: 96 Resp: 107741
Ion Ratio Lower Upper
96 100
61 149.1 115.0 172.4
98 66.3 52.2 78.2





#13

Acrolein

Concen: 232.669 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MSD

Tot Ion: 56 Resp: 79505

Ion Ratio Lower Upper

56 100

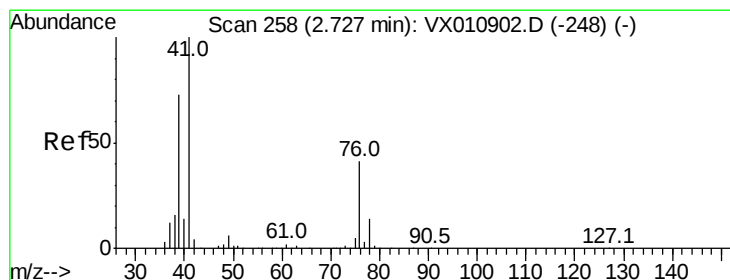
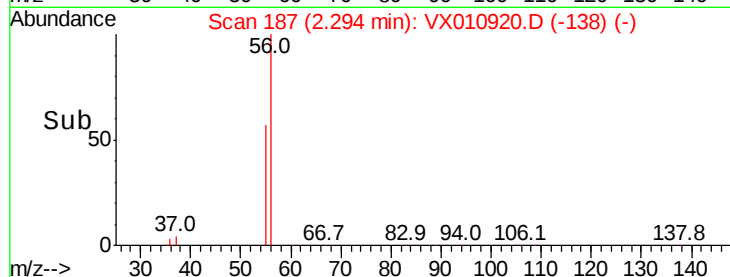
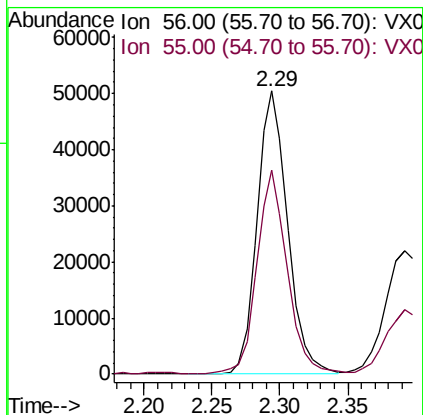
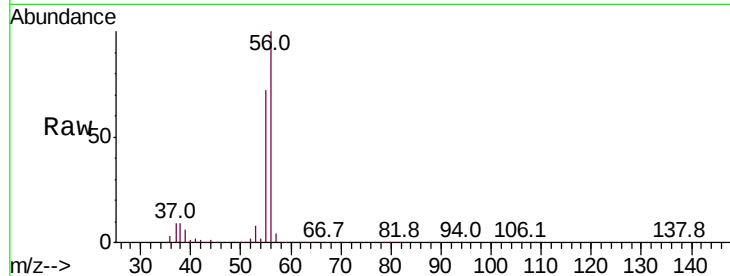
55 70.7 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 51.770 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

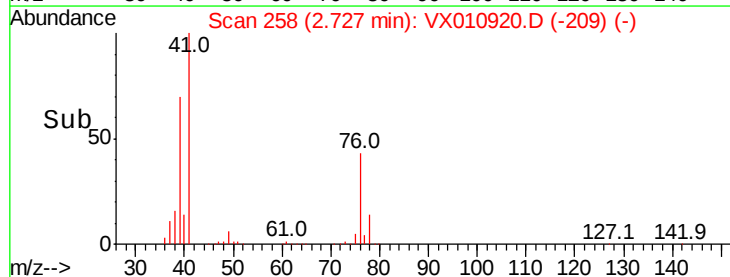
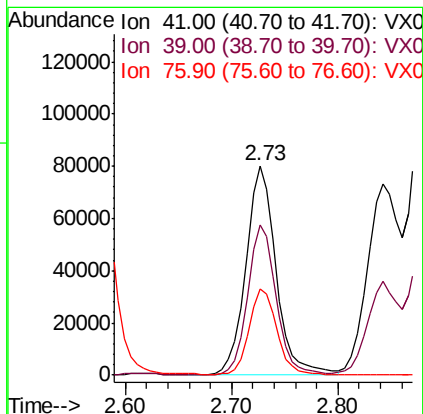
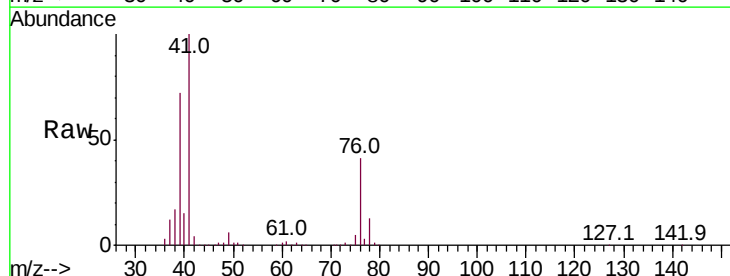
Tgt Ion: 41 Resp: 159891

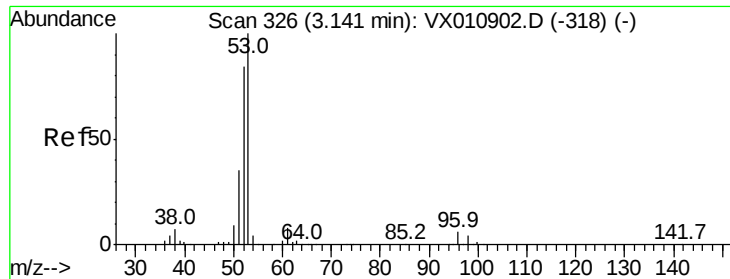
Ion Ratio Lower Upper

41 100

39 67.3 53.6 80.4

76 37.3 29.7 44.5





#15

Acrylonitrile

Concen: 281.809 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Instrument :

MSVOA_X

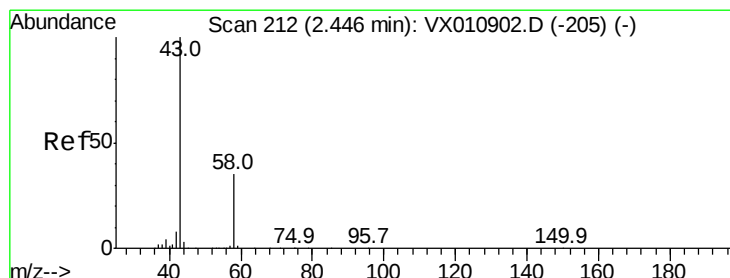
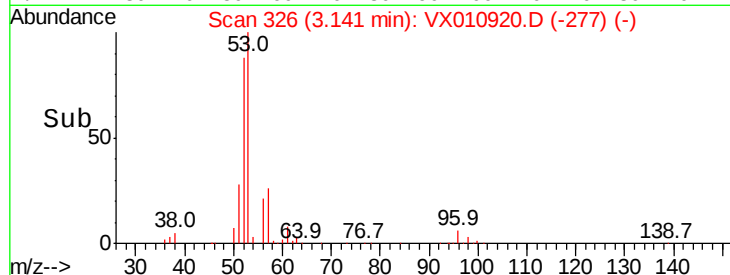
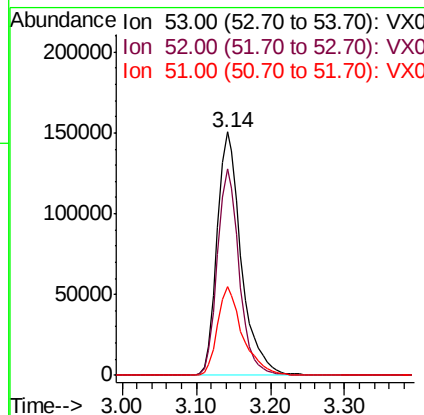
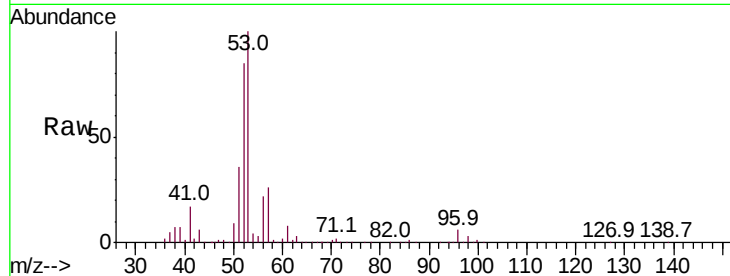
ClientSampleId :

FL-0604MSD

Tot Ion:	53	Resp:	336789
Ion	Ratio	Lower	Upper
53	100		
52	77.2	66.5	99.7
51	37.7	28.2	42.4

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#16

Acetone

Concen: 224.852 ug/l

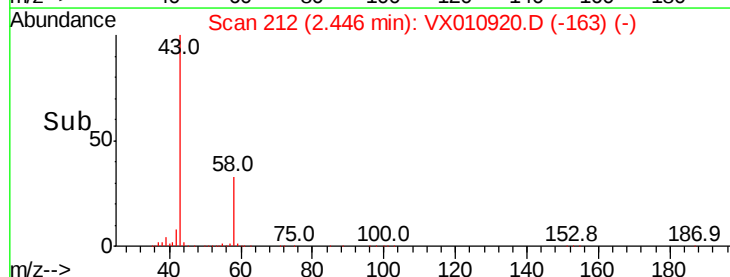
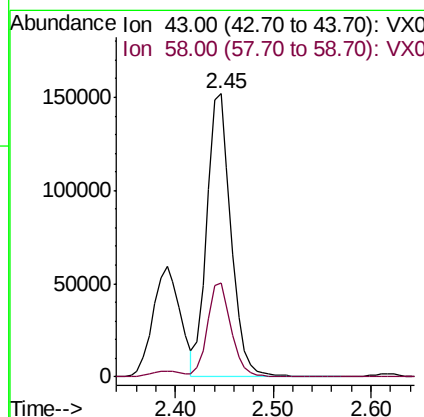
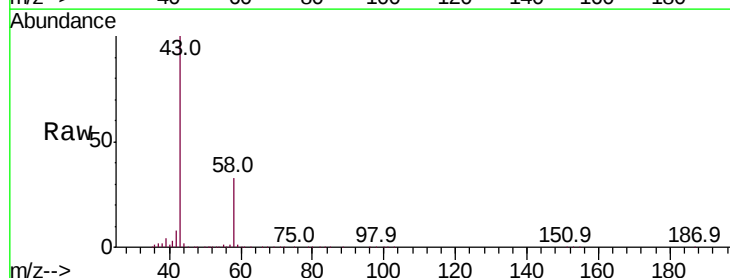
RT: 2.45 min Scan# 212

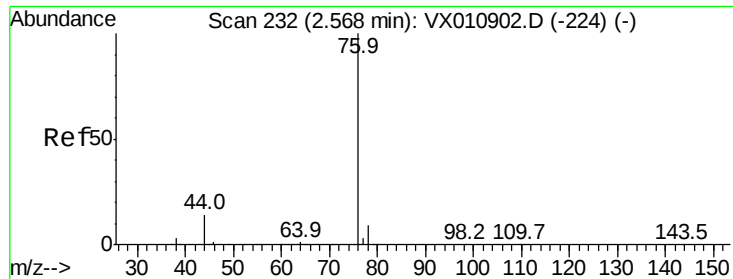
Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Tgt Ion:	43	Resp:	257899
Ion	Ratio	Lower	Upper
43	100		
58	33.4	27.7	41.5





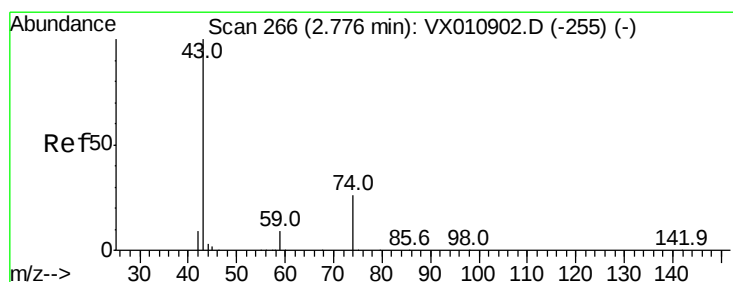
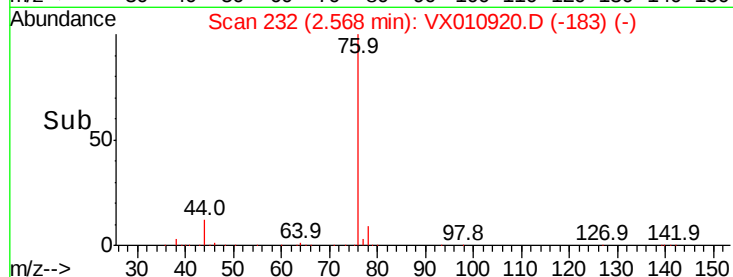
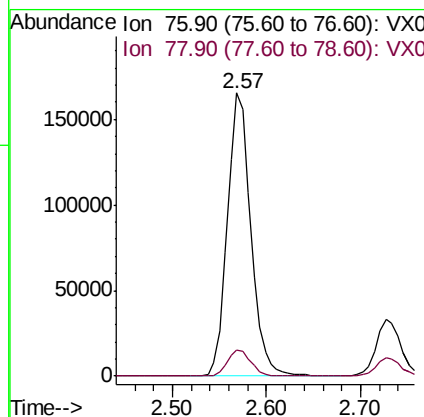
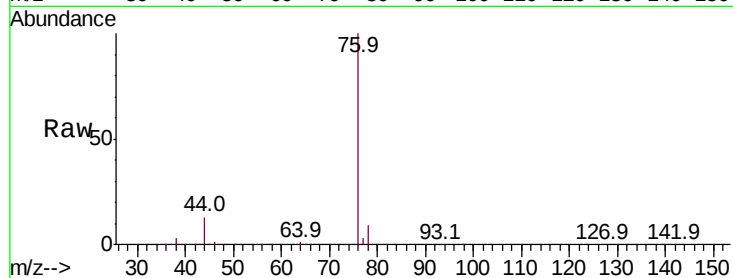
#17
Carbon Disulfide
Concen: 52.579 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Instrument :
MSVOA_X
ClientSampleId :
FL-0604MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

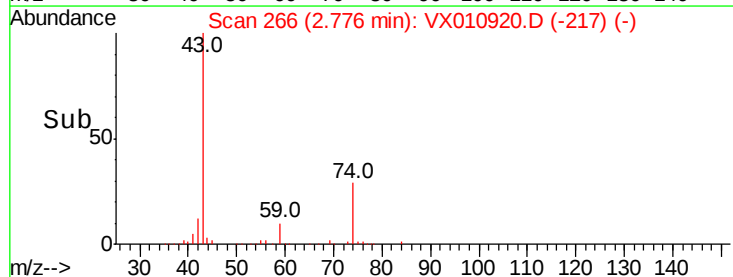
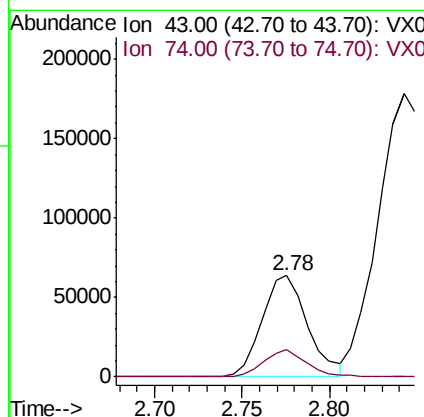
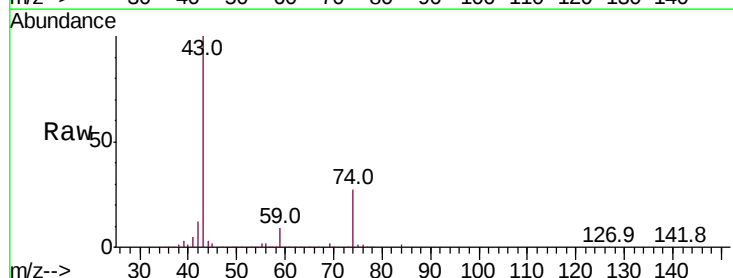
Manual Integrations
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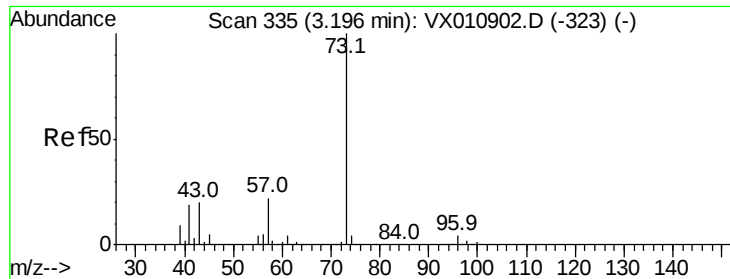
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#18
Methyl Acetate
Concen: 44.258 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.7	21.5	32.3





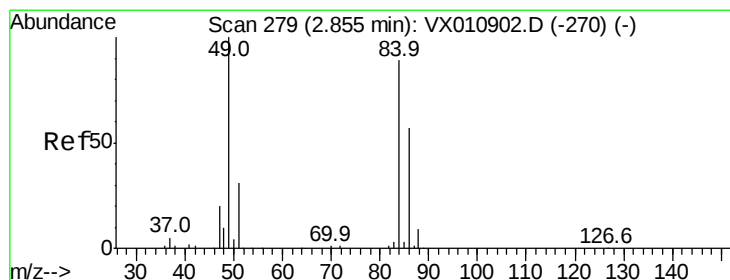
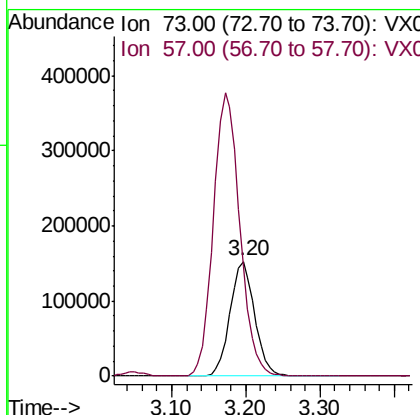
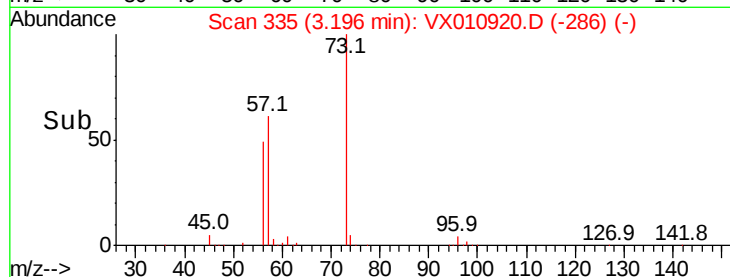
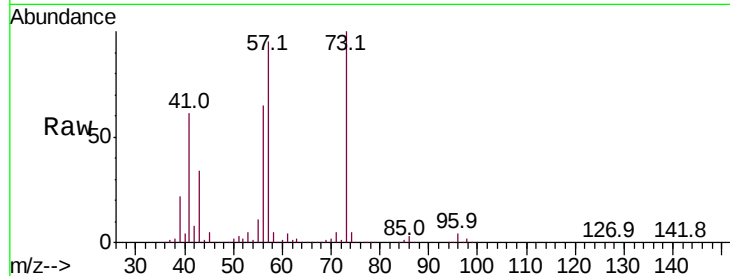
#19
Methvl tert-butvl Ether
Concen: 51.712 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Instrument :
MSVOA_X
ClientSampleId :
FL-0604MSD

Tot Ion: 73 Resp: 353962
Ion Ratio Lower Upper
73 100
57 95.0 17.3 25.9#

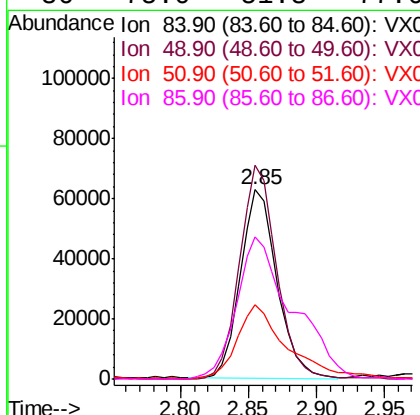
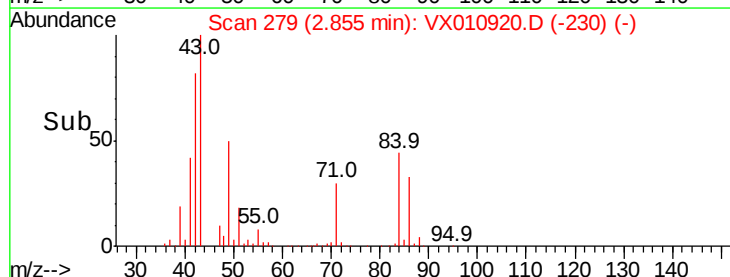
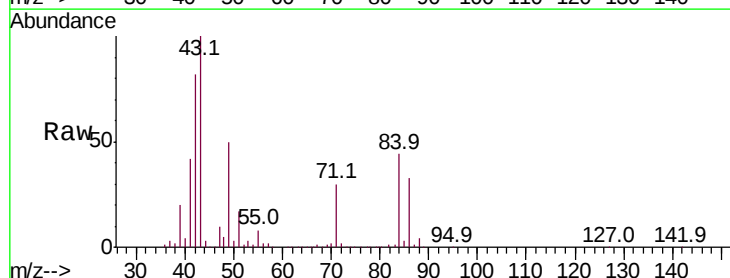
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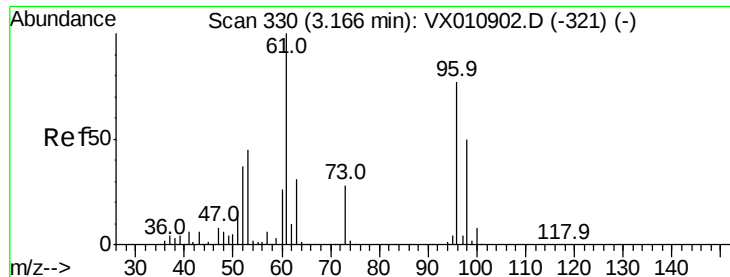
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#20
Methylene Chloride
Concen: 48.720 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Tgt Ion: 84 Resp: 118423
Ion Ratio Lower Upper
84 100
49 113.4 89.9 134.9
51 39.2 27.8 41.6
86 75.0 51.8 77.6





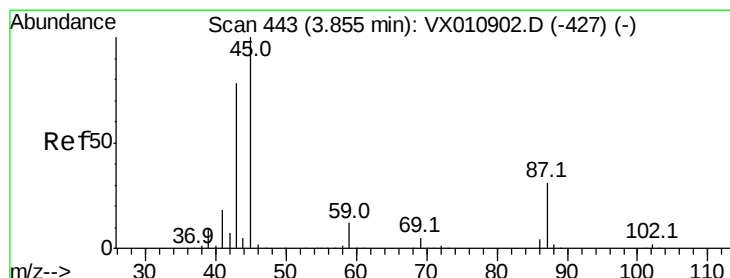
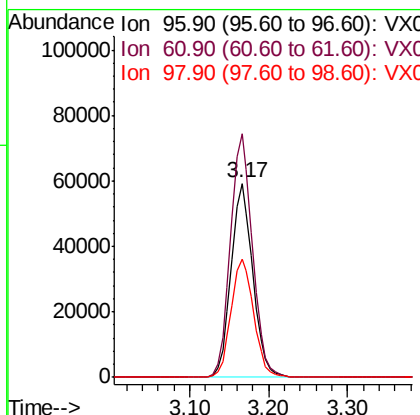
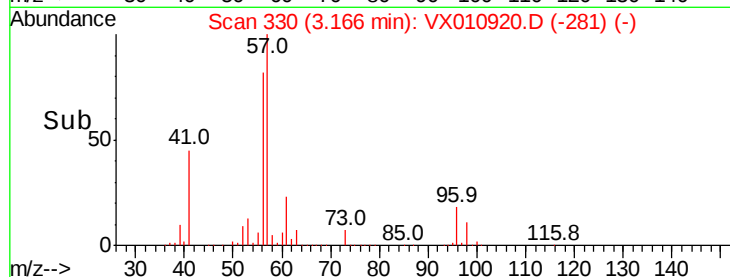
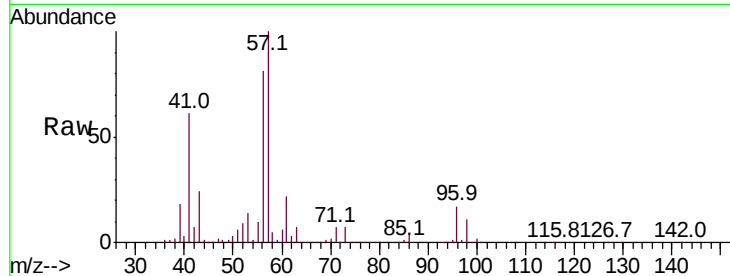
#21
trans-1,2-Dichloroethene
Concen: 50.445 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Instrument :
MSVOA_X
ClientSampleId :
FL-0604MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.5	104.2	156.2
98	61.2	52.2	78.4

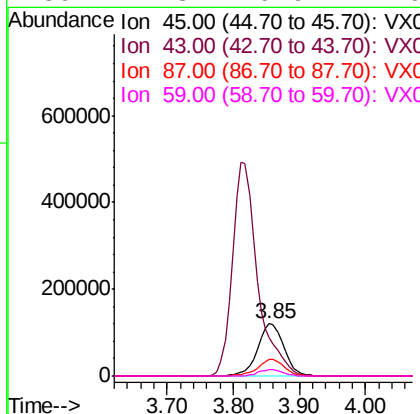
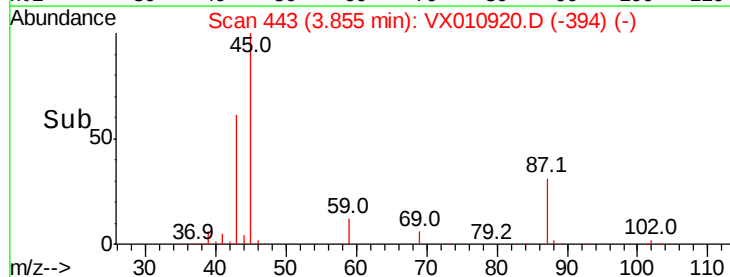
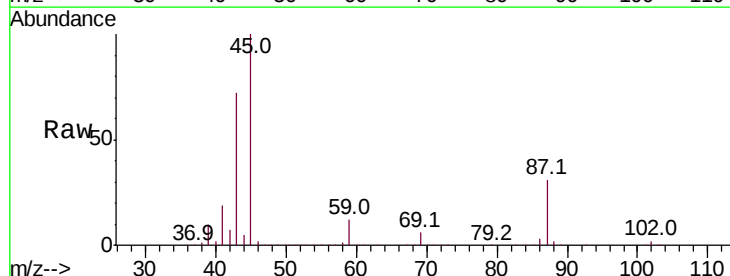
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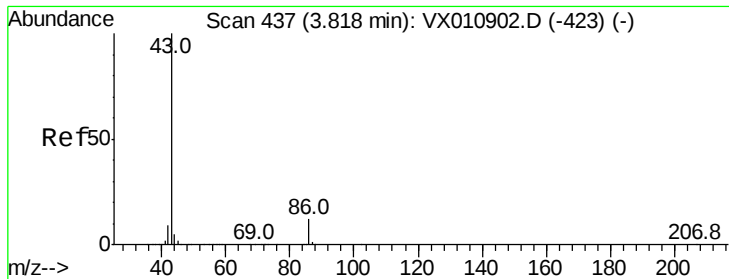
MMDadoda
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#22
Diisopropyl ether
Concen: 51.012 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Tgt Ion	Ratio	Lower	Upper
45	100		
43	72.3	62.3	93.5
87	31.2	25.0	37.4
59	12.3	9.9	14.9





#23

Vinyl Acetate

Concen: 235.040 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Instrument :

MSVOA_X

ClientSampled :

FL-0604MSD

Tot Ion: 43 Resp: 1297210

Ion Ratio Lower Upper

43 100

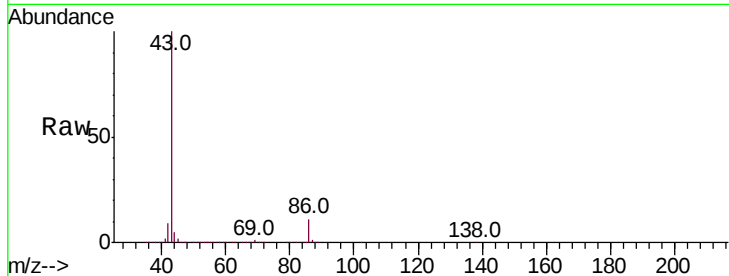
86 11.5 9.4 14.0

Manual Integrations

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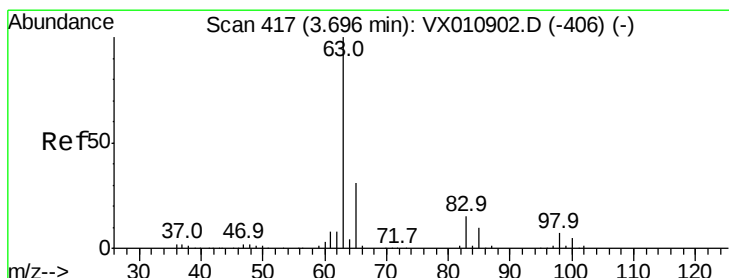
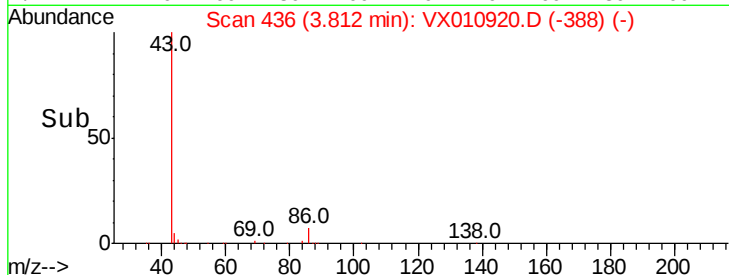
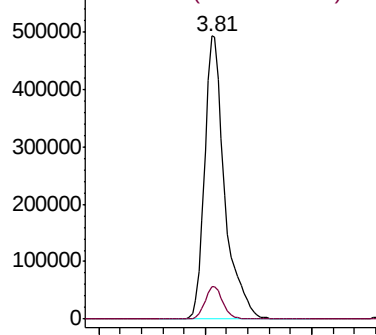
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.922 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

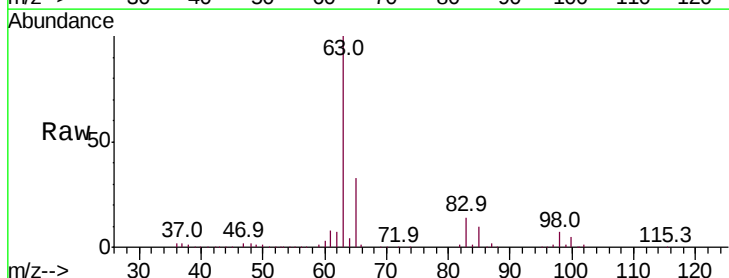
Tgt Ion: 63 Resp: 192635

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

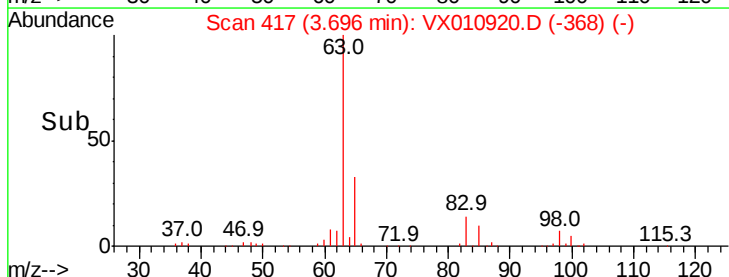
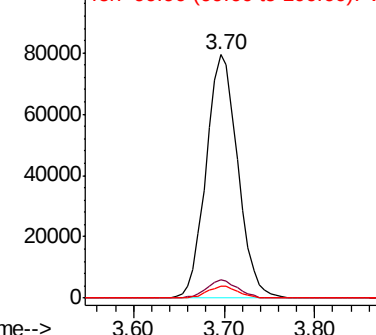
100 4.8 2.4 7.2

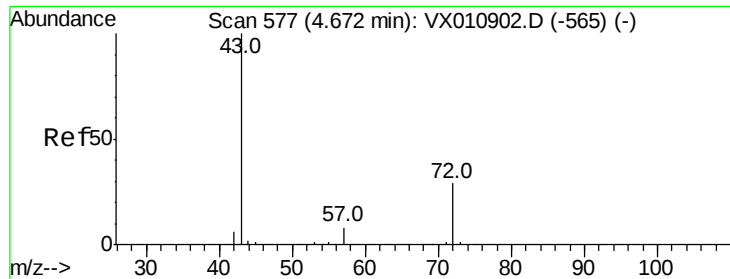


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 254.411 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MSD

Tot Ion: 43 Resp: 418878

Ion Ratio Lower Upper

43 100

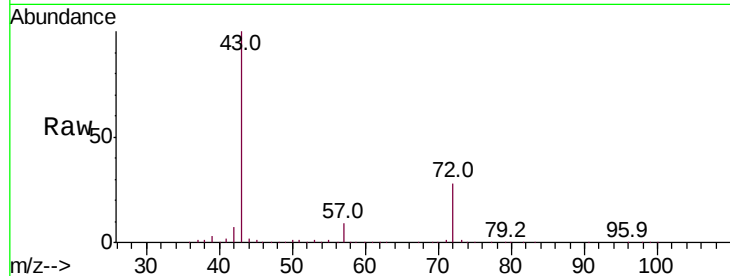
72 28.0 23.0 34.6

Manual Integrations

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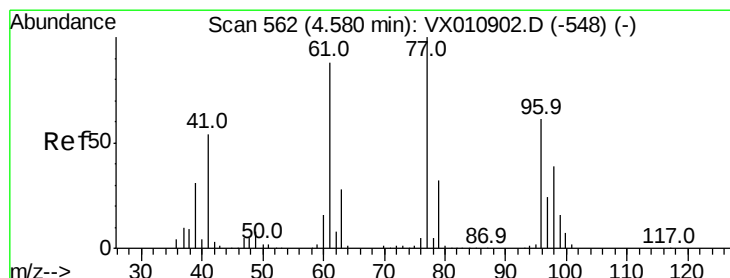
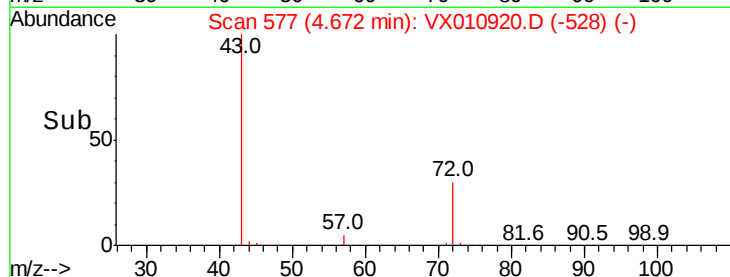
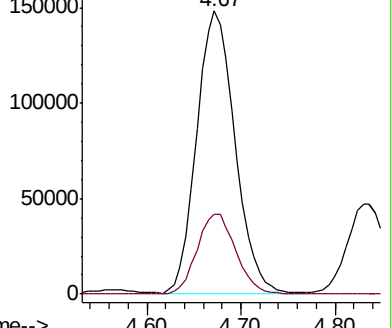
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 42.257 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010920.D

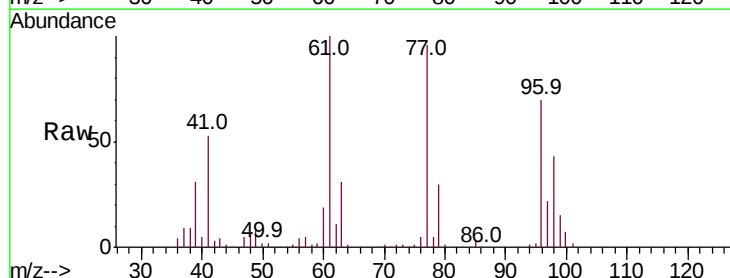
Acq: 16 Jul 2019 20:35

Tgt Ion: 77 Resp: 131254

Ion Ratio Lower Upper

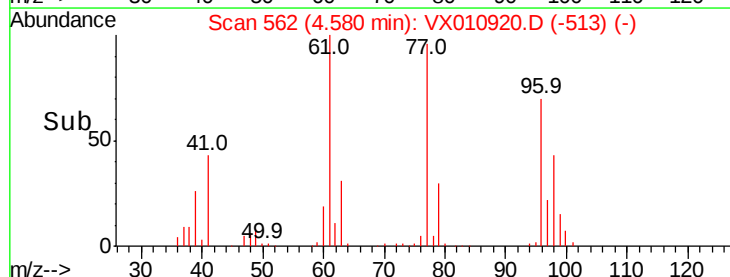
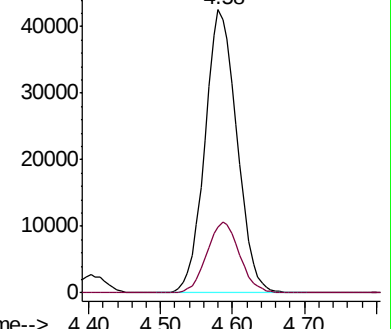
77 100

97 25.6 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

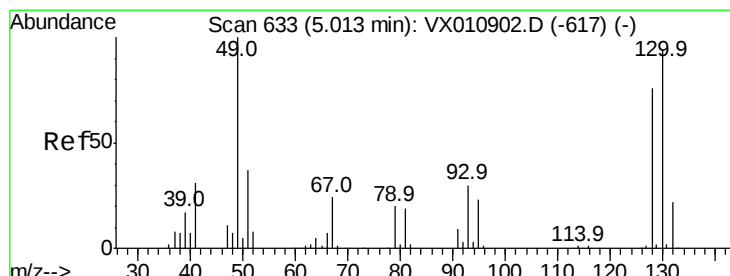
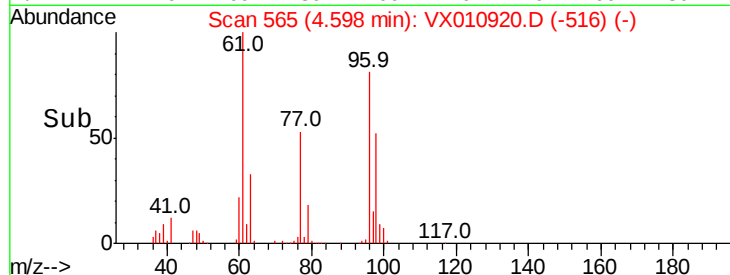
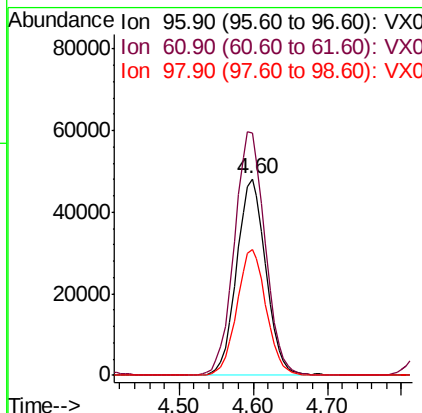
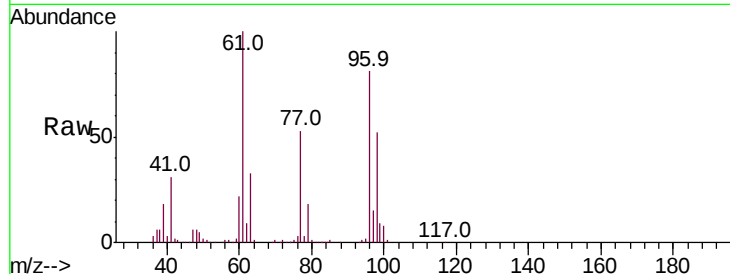
cis-1,2-Dichloroethene
 Concen: 50.942 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX010920.D
 Acq: 16 Jul 2019 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	133010		
61	130.3	0.0	269.0	
98	64.4	0.0	131.4	

Manual Integrations
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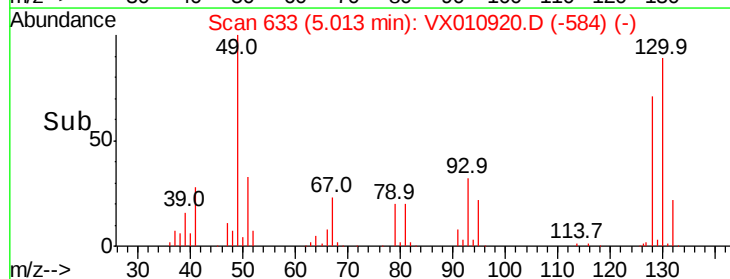
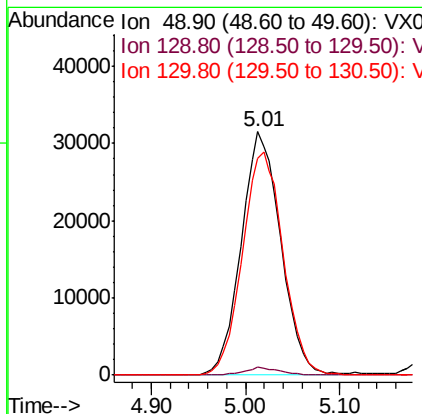
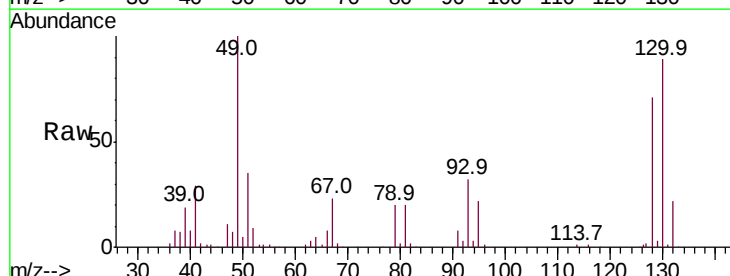
MMDadoda
 7/17/2019 1:23:19 PM

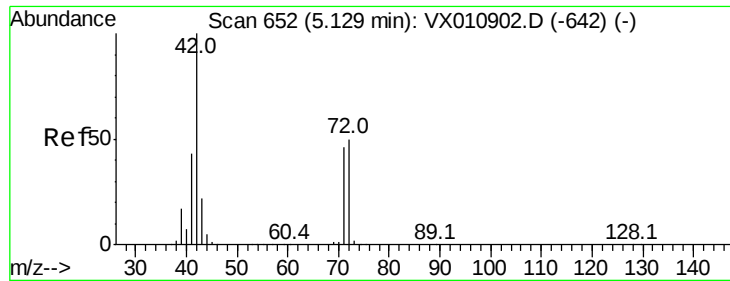


#28

Bromochloromethane
 Concen: 51.694 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX010920.D
 Acq: 16 Jul 2019 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	92152		
129	2.8	0.0	5.2	
130	95.1	76.9	115.3	





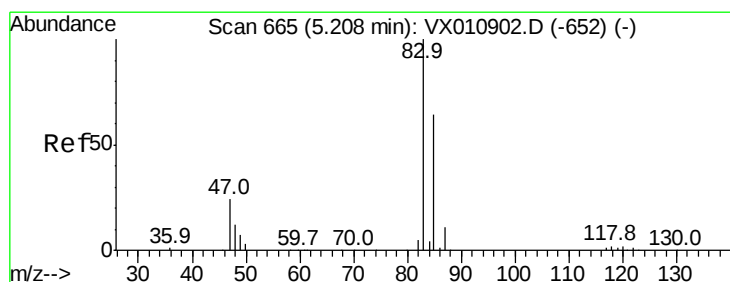
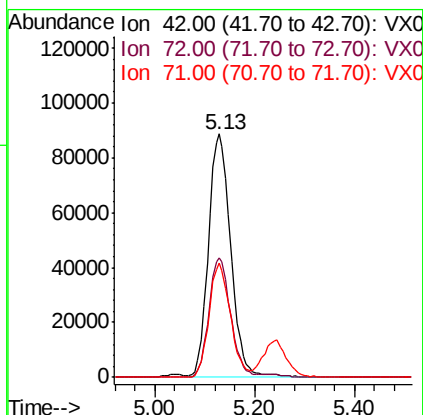
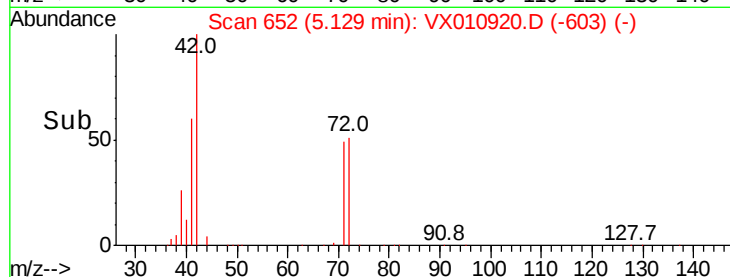
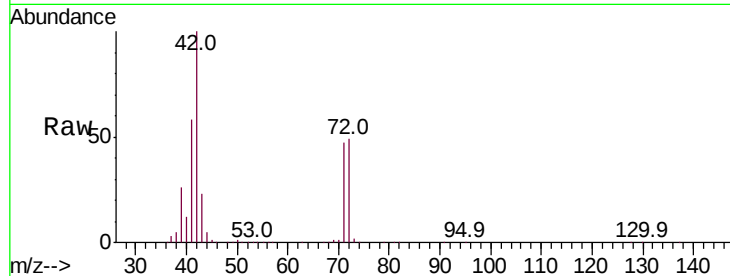
#29
Tetrahydrofuran
Concen: 262.919 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Instrument :
MSVOA_X
ClientSampleId :
FL-0604MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.0	39.8	59.8
71	45.1	37.0	55.4

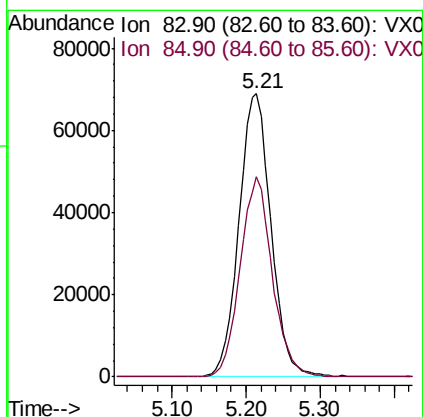
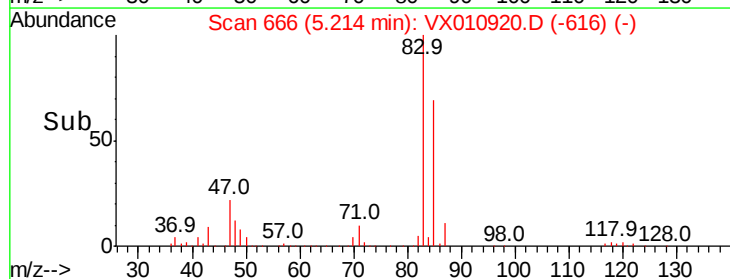
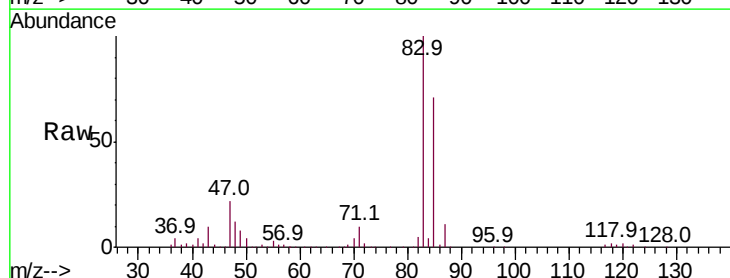
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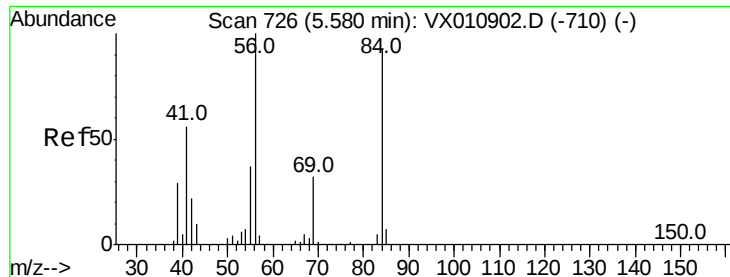
MMDadoda
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#30
Chloroform
Concen: 50.982 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	70.8	51.4	77.0





#31

Cyclohexane

Concen: 207.911 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MSD

Tot Ion: 56 Resp: 716893

Ion Ratio Lower Upper

56 100

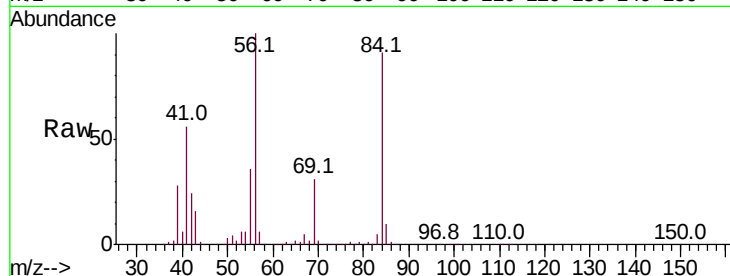
69 31.1 25.8 38.8

84 90.6 73.8 110.6

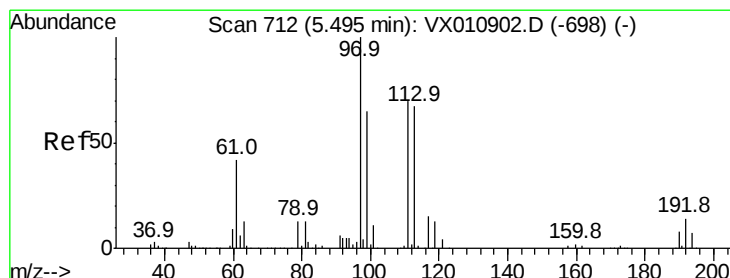
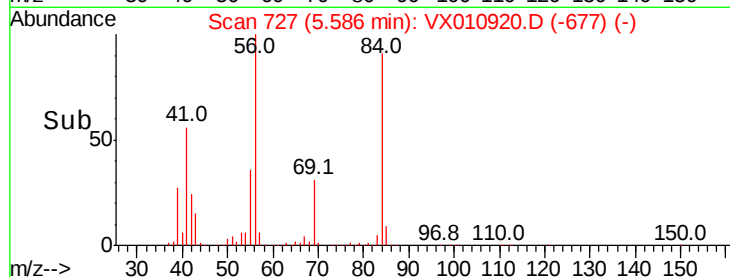
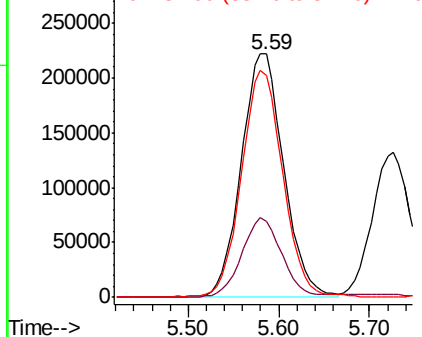
Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 52.633 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

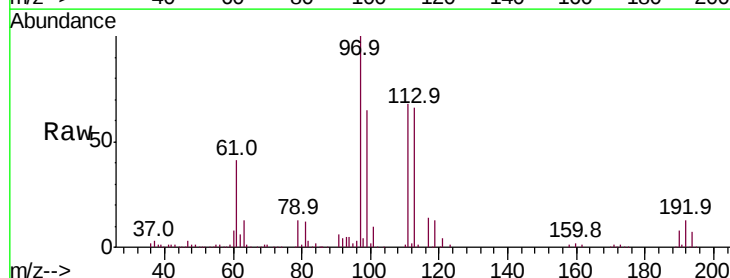
Tgt Ion: 97 Resp: 186190

Ion Ratio Lower Upper

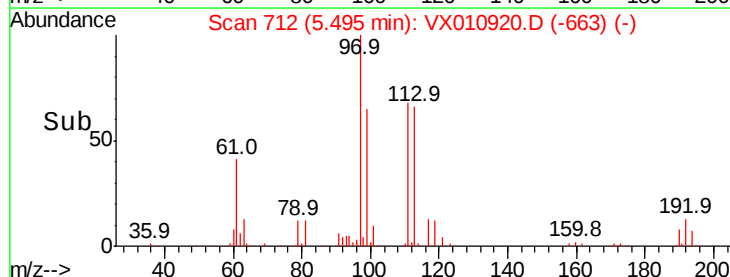
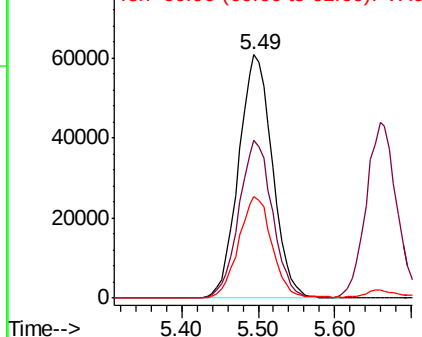
97 100

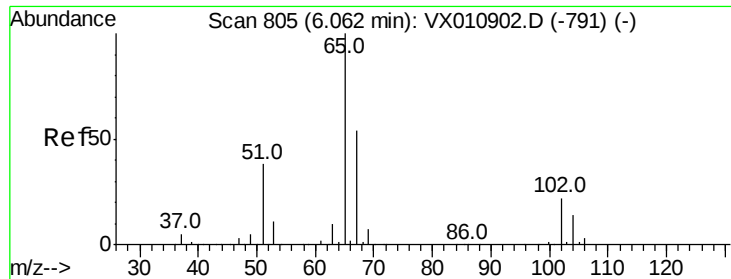
99 64.5 51.4 77.0

61 41.6 33.0 49.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





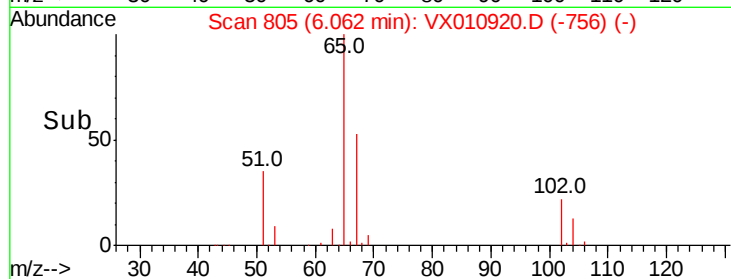
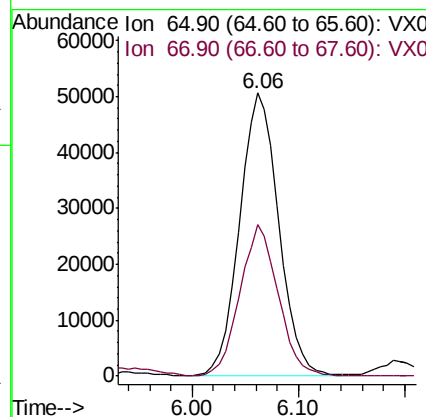
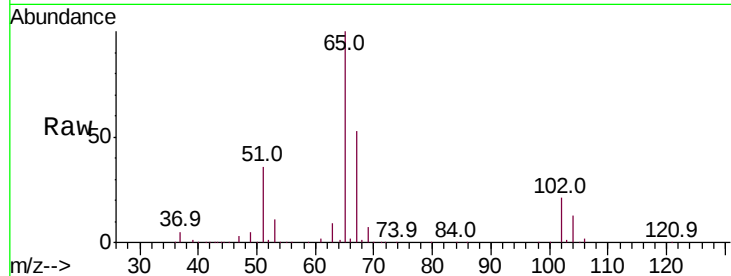
#33
 1,2-Dichloroethane-d4
 Concen: 51.195 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010920.D
 Acq: 16 Jul 2019 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	107.8

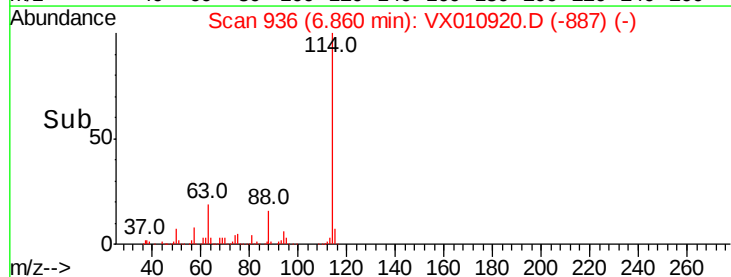
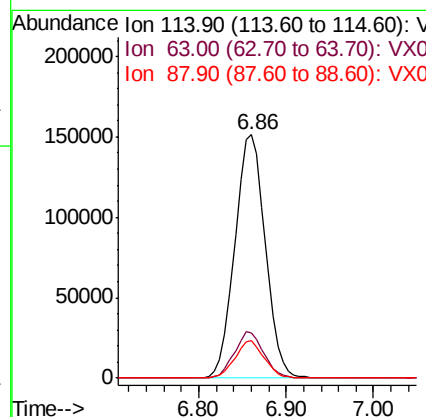
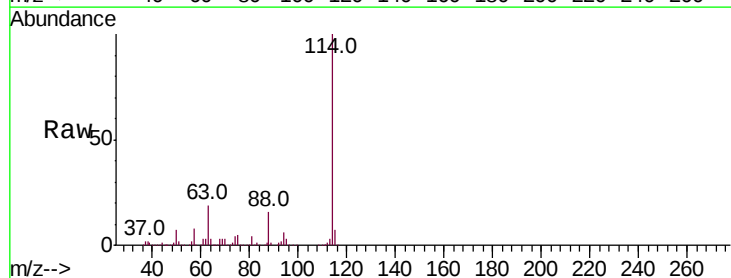
Manual Integrations
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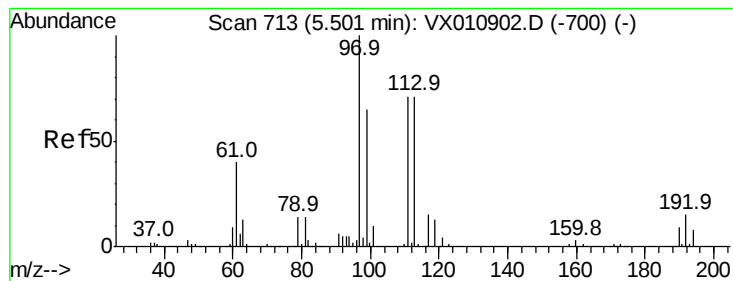
MMDadoda
 7/17/2019 1:23:19 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010920.D
 Acq: 16 Jul 2019 20:35

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	35.6
88	15.5	0.0	29.8





#35

Dibromofluoromethane

Concen: 49.579 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Instrument :

MSVOA_X

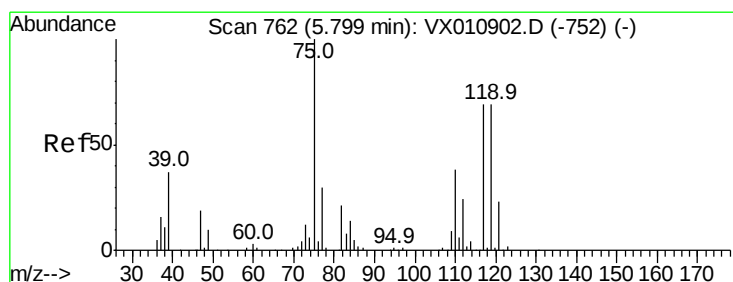
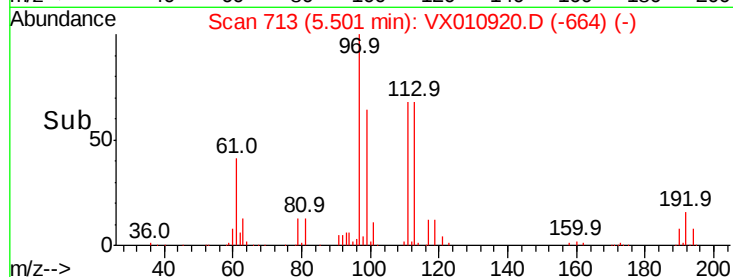
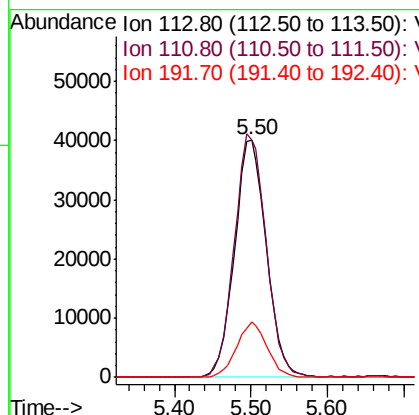
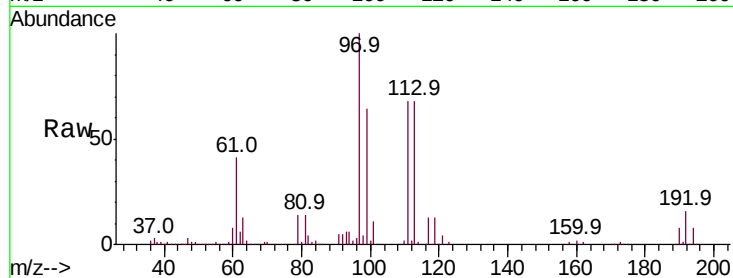
ClientSampled :

FL-0604MSD

Tot Ion:	113	Resp:	115192
Ion Ratio	Lower	Upper	
113	100		
111	102.9	82.3	123.5
192	22.3	17.4	26.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.514 ug/l

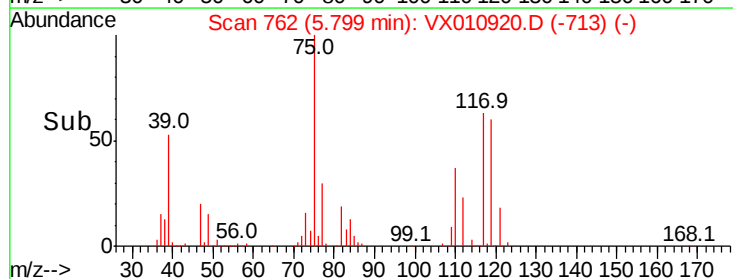
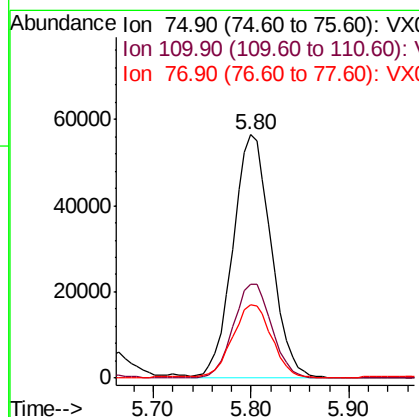
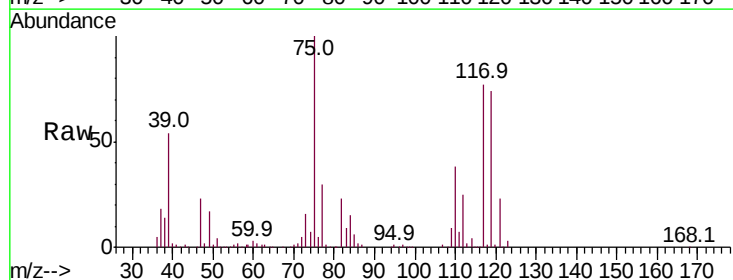
RT: 5.80 min Scan# 762

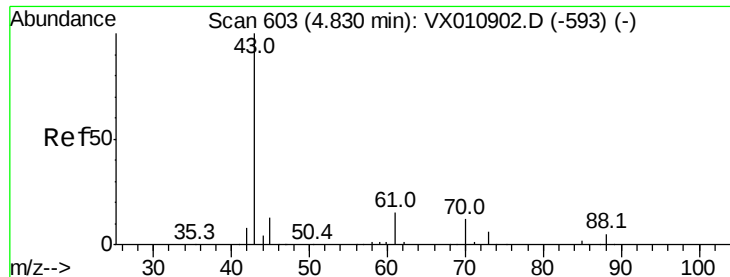
Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Tgt Ion:	75	Resp:	151884
Ion Ratio	Lower	Upper	
75	100		
110	39.1	19.9	59.7
77	31.4	25.0	37.4





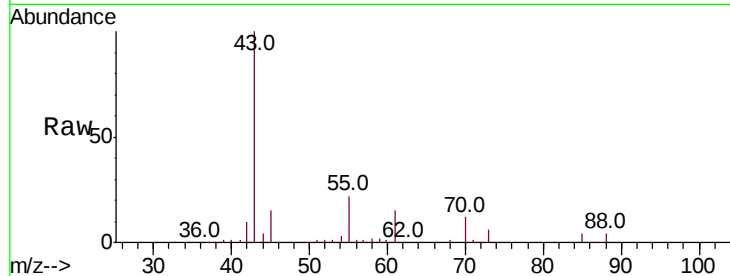
#37
Ethyl Acetate
Concen: 46.021 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Instrument :
MSVOA_X
ClientSampleId :
FL-0604MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.6	17.4
70	12.2	9.1	13.7

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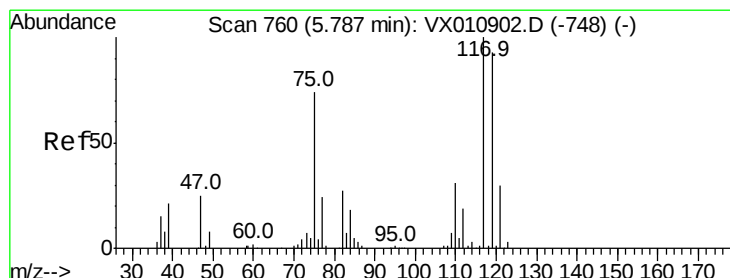
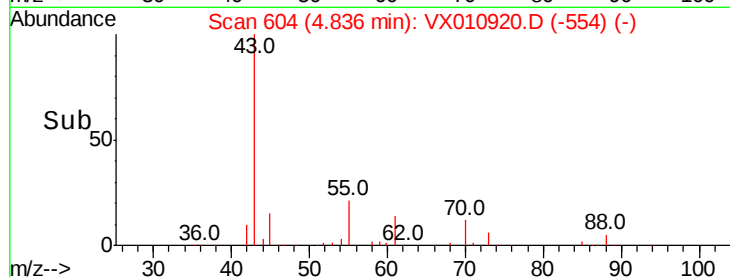
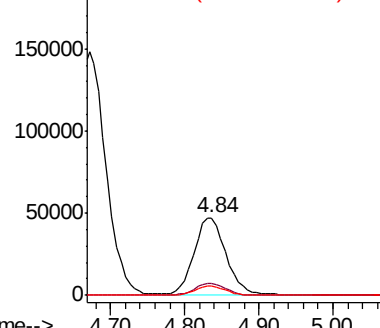


Abundance

Ion 43.00 (42.70 to 43.70): VX0

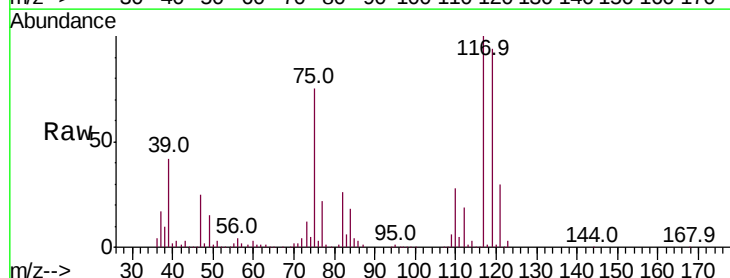
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 52.301 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	74.2	111.2
121	29.6	24.2	36.2

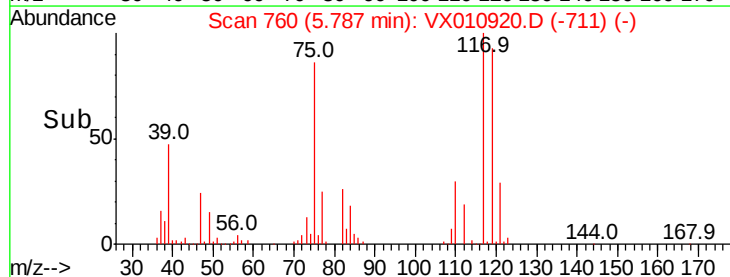
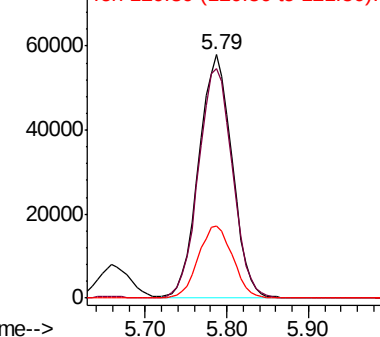


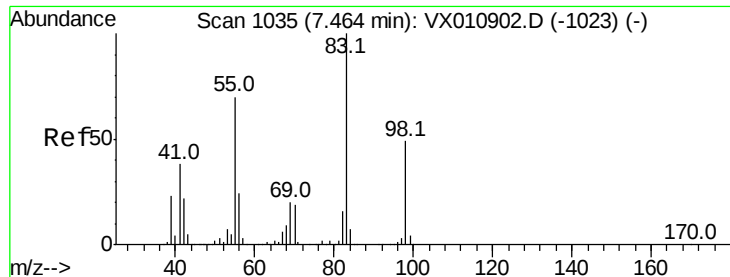
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





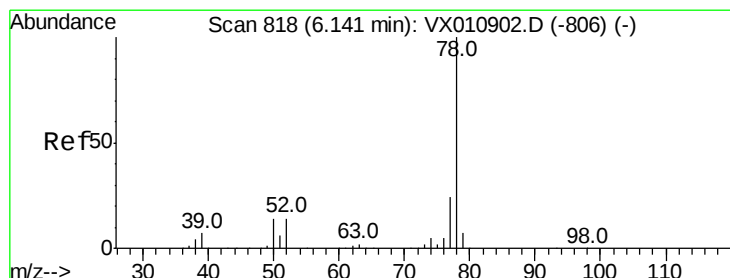
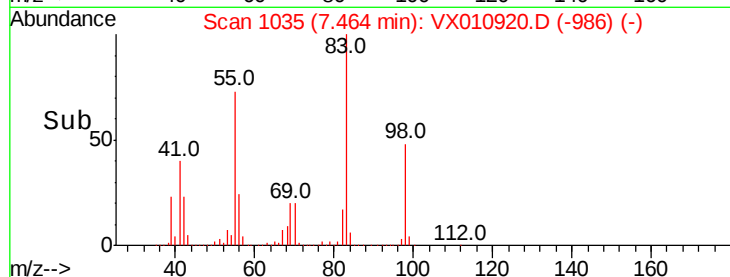
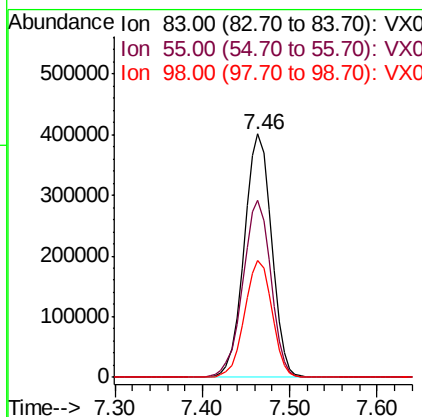
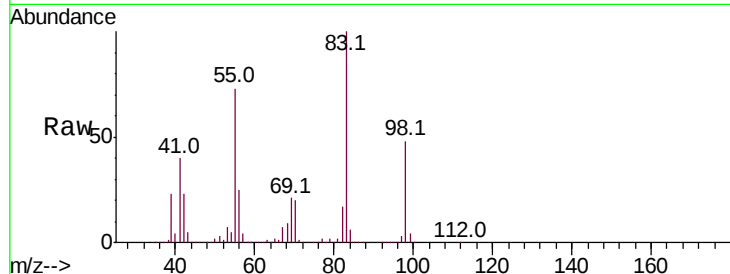
#39
Methvlcvclohexane
Concen: 223.406 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Instrument :
MSVOA_X
ClientSampleId :
FL-0604MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.5	56.2	84.4
98	48.1	39.0	58.4

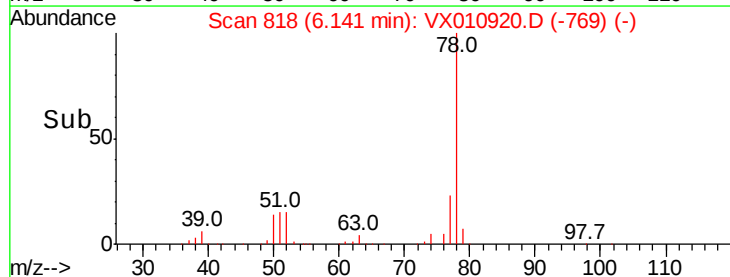
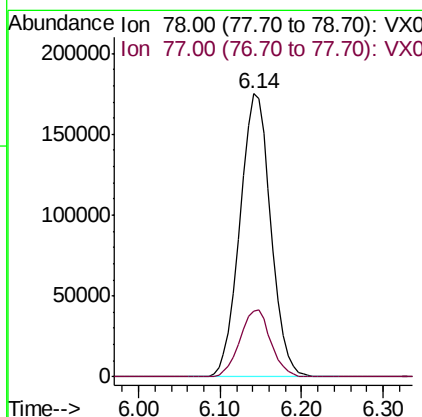
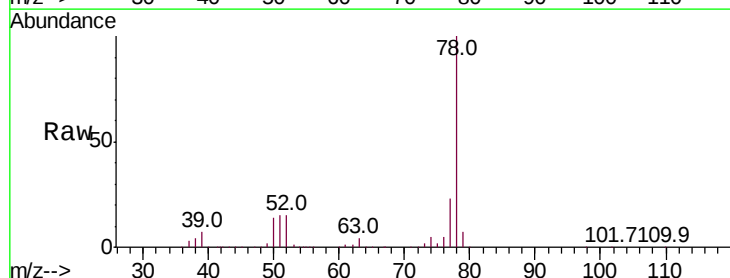
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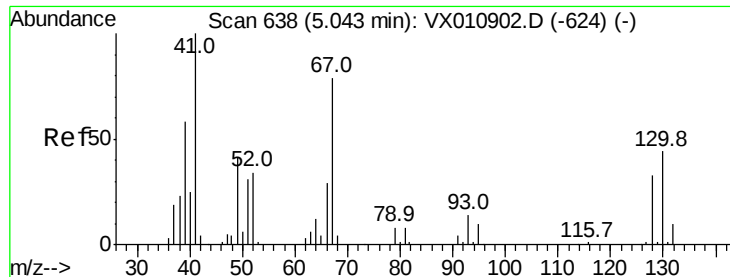
MMDadoda
7/17/2019 1:23:19 PM



#40
Benzene
Concen: 49.958 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.6





#41

Methacrylonitrile

Concen: 50.419 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MSD

Tot Ion: 41 Resp: 88122

Ion Ratio Lower Upper

41 100

39 55.6 45.4 68.2

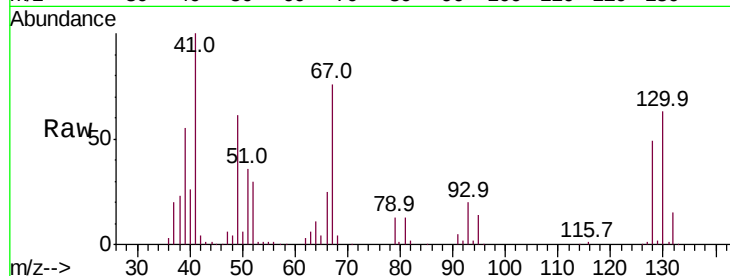
67 79.1 65.9 98.9

52 31.3 26.2 39.2

Manual Integrations
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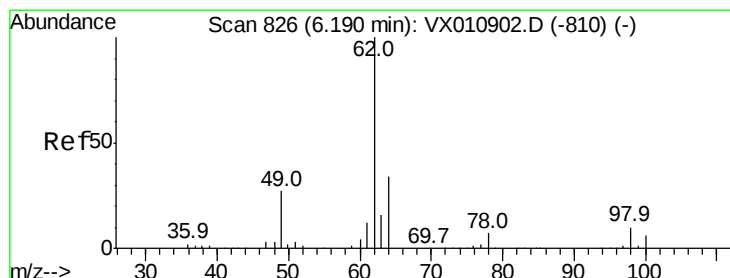
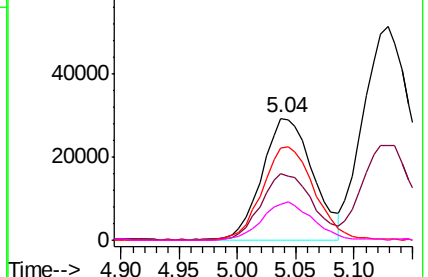
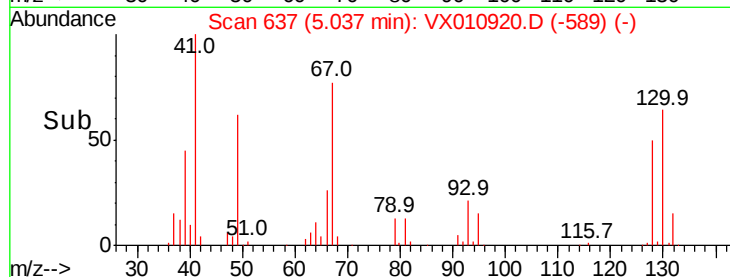


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.916 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX010920.D

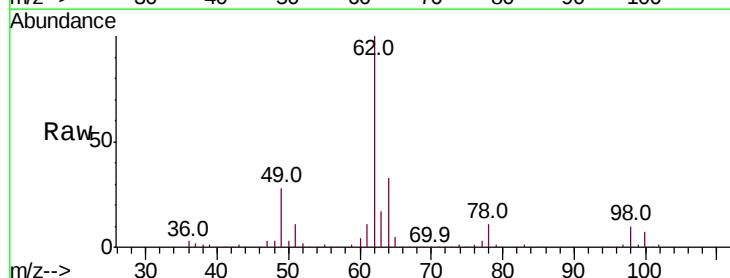
Acq: 16 Jul 2019 20:35

Tgt Ion: 62 Resp: 163054

Ion Ratio Lower Upper

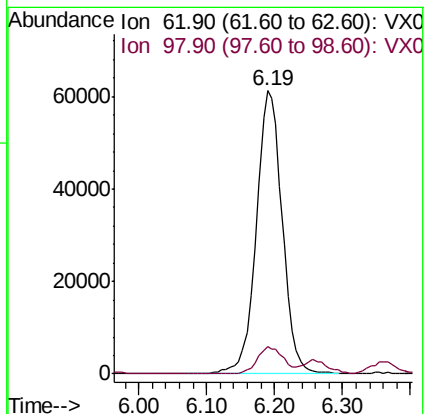
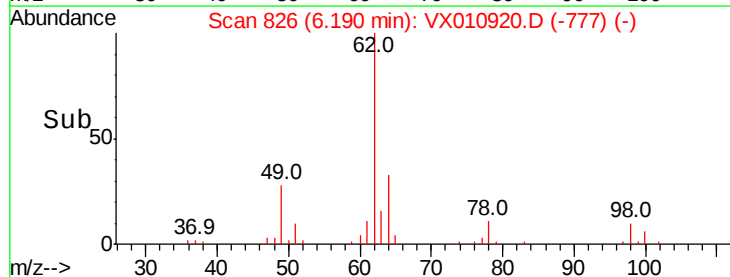
62 100

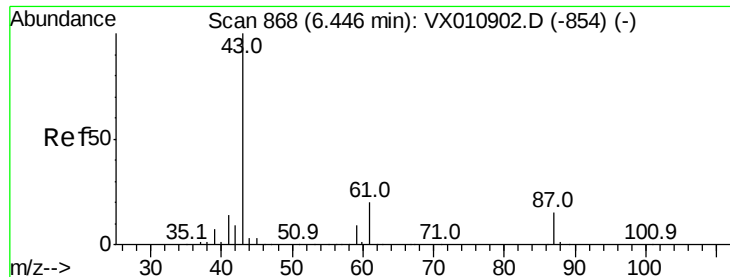
98 9.9 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.867 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Instrument :

MSVOA_X

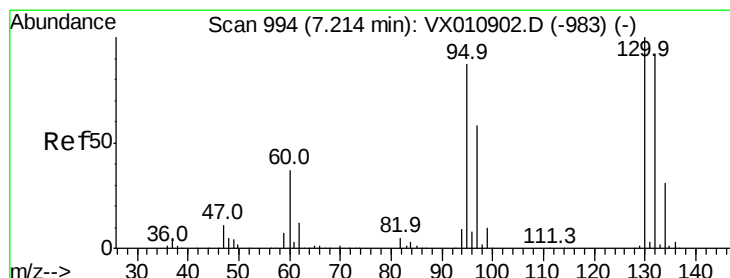
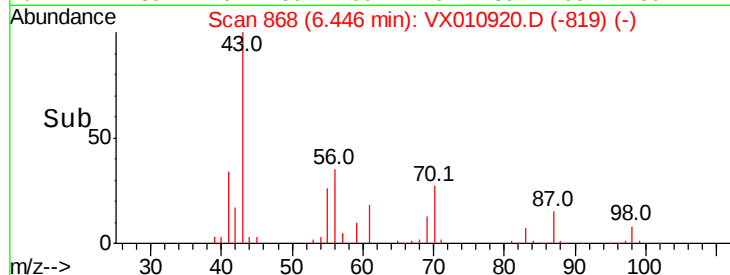
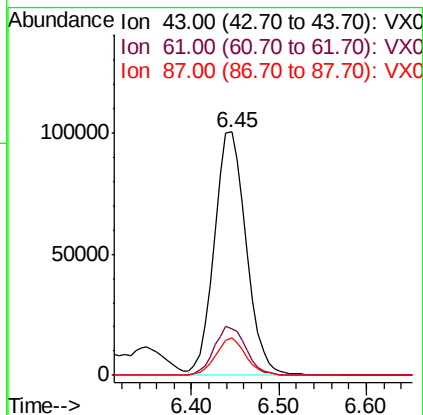
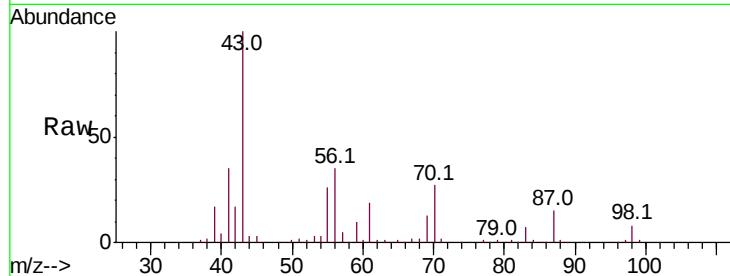
ClientSampleId :

FL-0604MSD

Tot Ion:	43	Resp:	252457
Ion	Ratio	Lower	Upper
43	100		
61	20.2	17.1	25.7
87	14.5	12.0	18.0

Manual Integrations
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#44

Trichloroethene

Concen: 49.245 ug/l

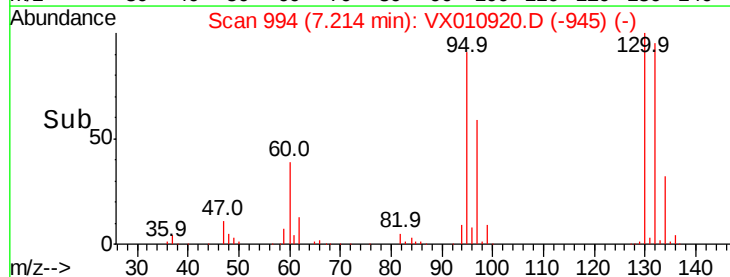
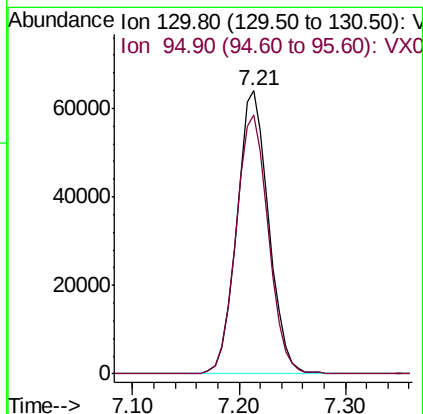
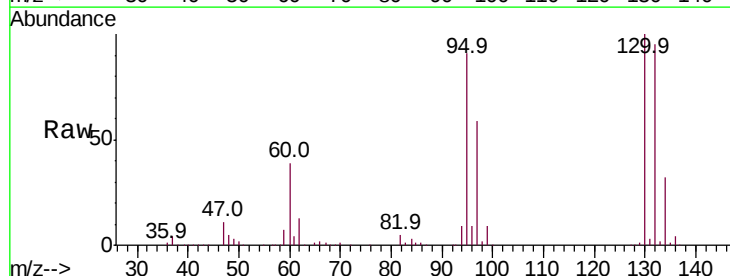
RT: 7.21 min Scan# 994

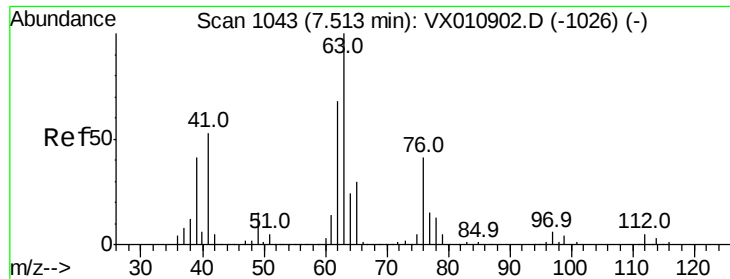
Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Tgt Ion:	130	Resp:	134256
Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	174.8





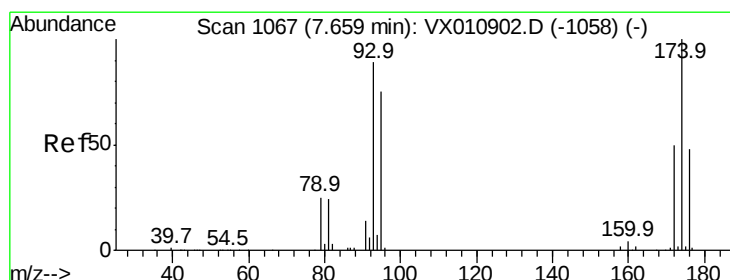
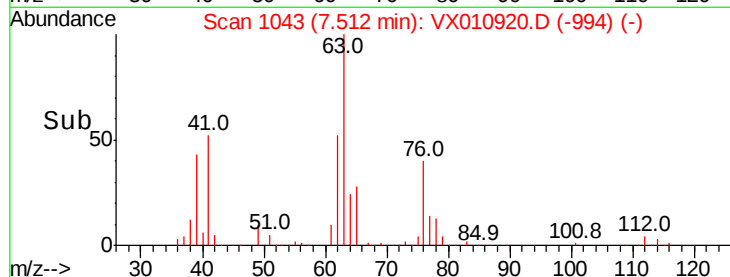
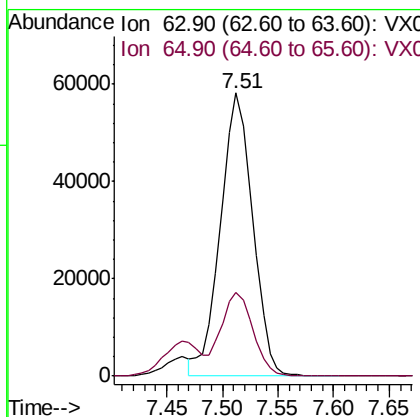
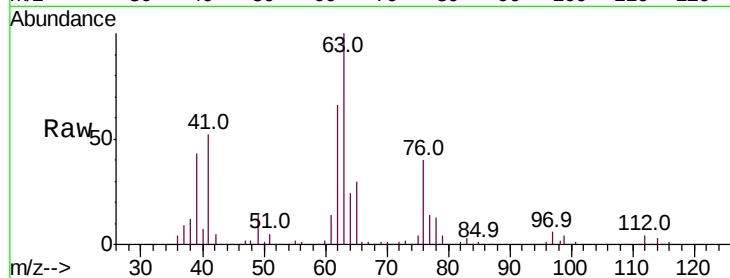
#45
 1,2-Dichloropropane
 Concen: 49.808 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010920.D
 Acq: 16 Jul 2019 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MSD

Tot Ion: 63 Resp: 116762
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.4 36.6

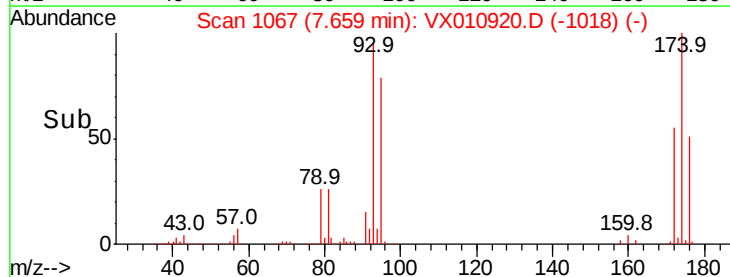
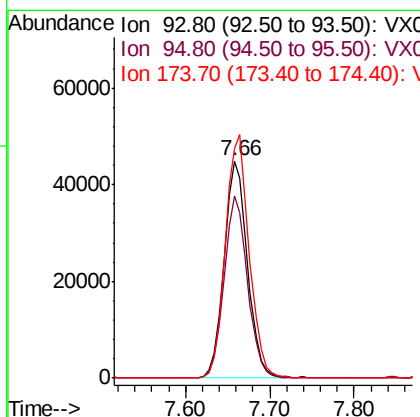
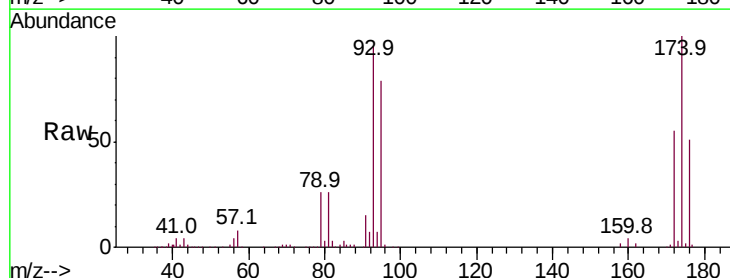
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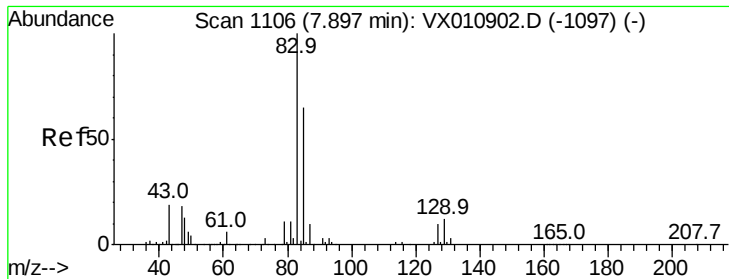
MMDadoda
 7/17/2019 1:23:19 PM



#46
 Dibromomethane
 Concen: 50.926 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010920.D
 Acq: 16 Jul 2019 20:35

Tgt Ion: 93 Resp: 85306
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.2 100.8
 174 113.9 90.6 135.8





#47

Bromodichloromethane

Concen: 52.747 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Instrument :

MSVOA_X

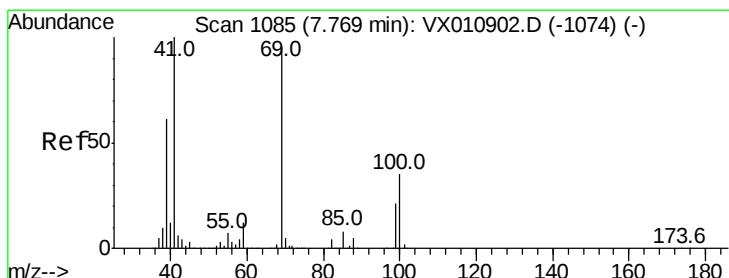
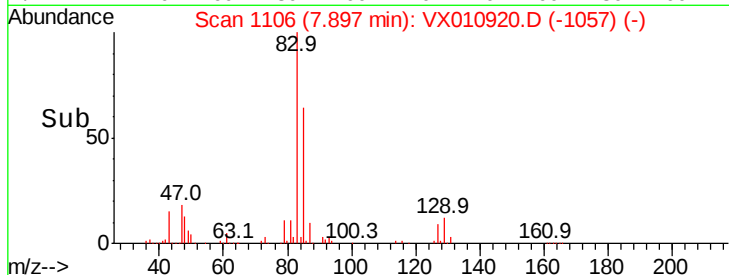
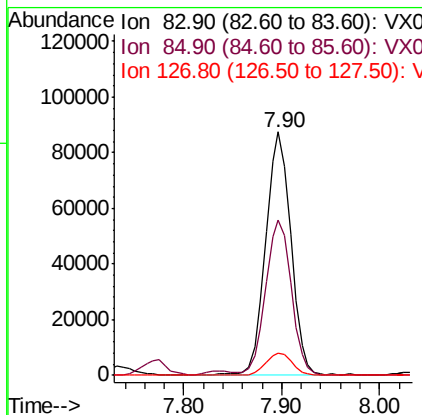
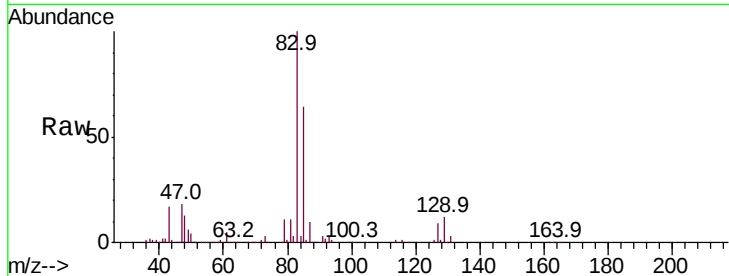
ClientSampleId :

FL-0604MSD

Tot Ion:	83	Resp:	157283
Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.5	78.7
127	9.3	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 66.039 ug/l

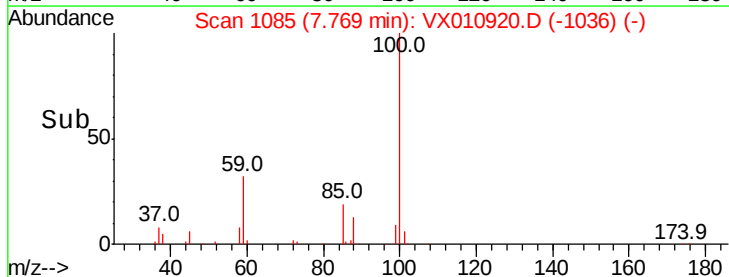
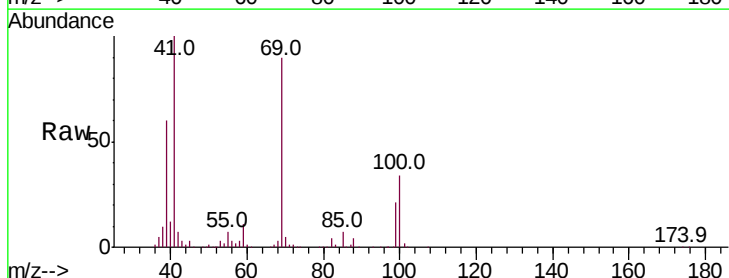
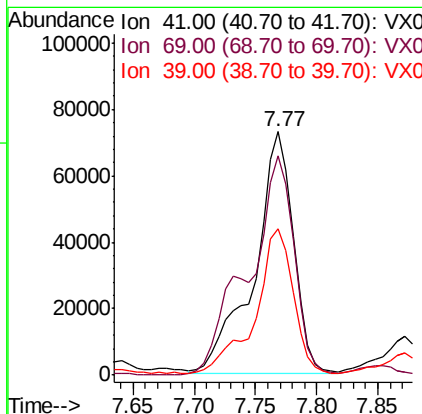
RT: 7.77 min Scan# 1085

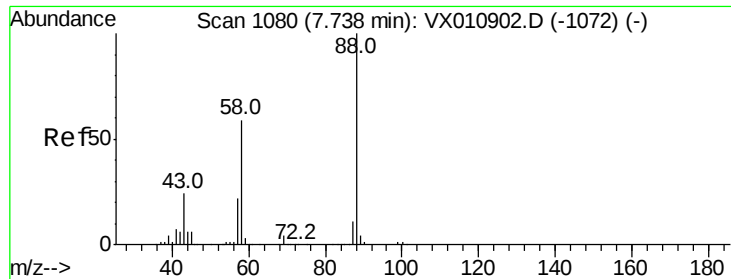
Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Tgt Ion:	41	Resp:	162868
Ion	Ratio	Lower	Upper
41	100		
69	106.3	74.4	111.6
39	57.5	48.9	73.3





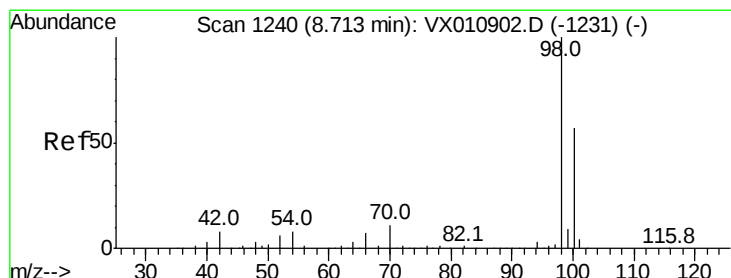
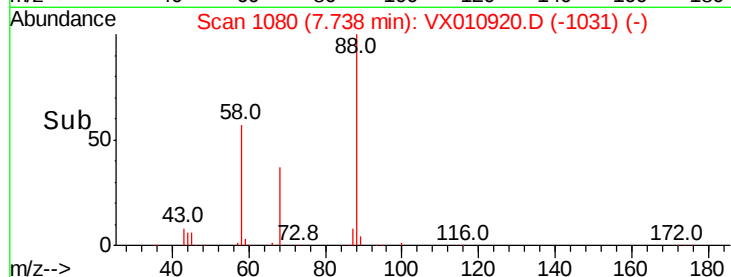
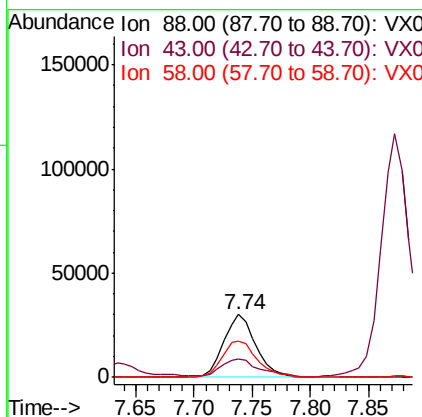
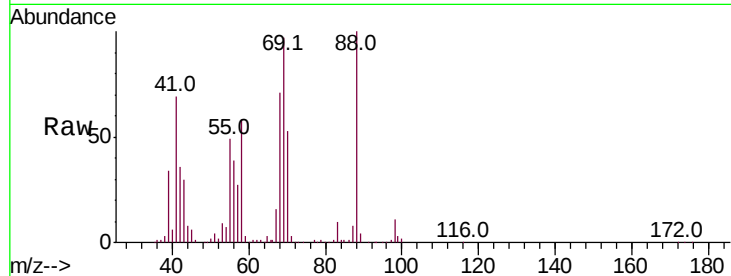
#49
1,4-Dioxane
Concen: 833.515 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Instrument :
MSVOA_X
ClientSampleId :
FL-0604MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	22.9	34.3
58	61.3	49.8	74.8

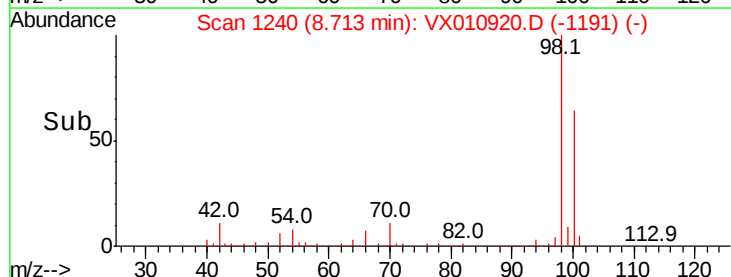
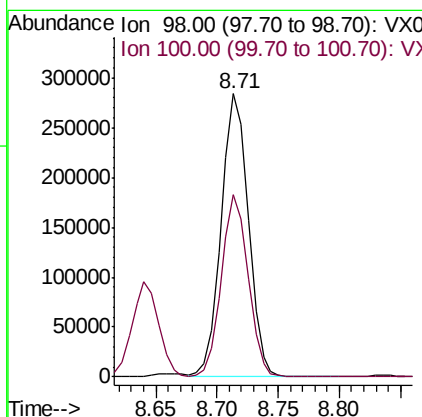
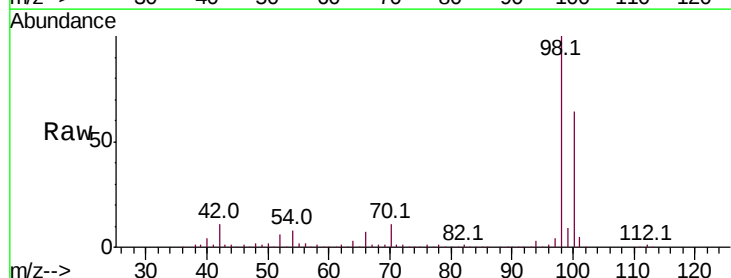
Manual Integrations
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#50
Toluene-d8
Concen: 50.247 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.6	75.8





#51

4-Methyl-2-Pentanone

Concen: 262.494 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MSD

Tot Ion: 43 Resp: 861440

Ion Ratio Lower Upper

43 100

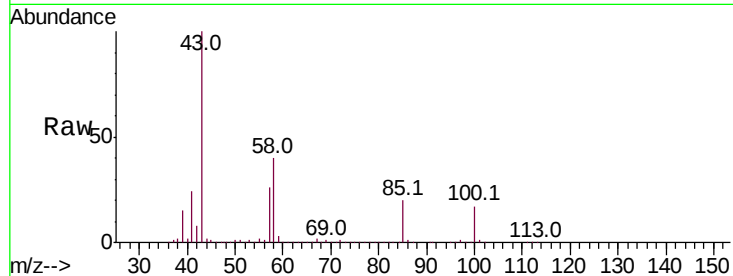
58 39.6 32.2 48.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

600000

500000

400000

300000

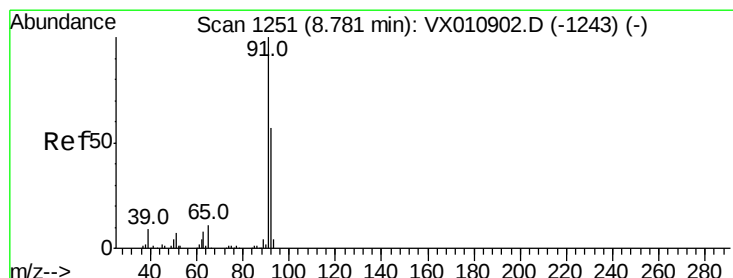
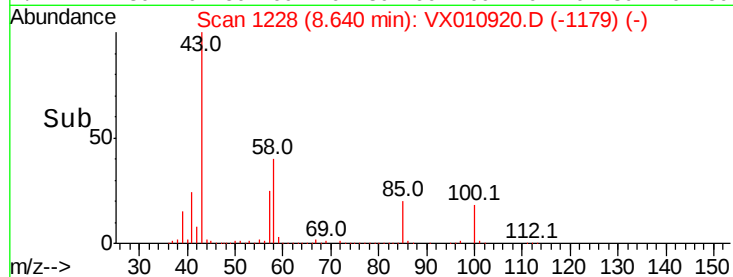
200000

100000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 50.018 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010920.D

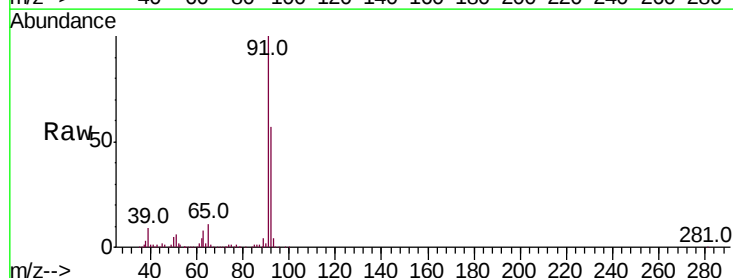
Acq: 16 Jul 2019 20:35

Tgt Ion: 92 Resp: 302635

Ion Ratio Lower Upper

92 100

91 176.1 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

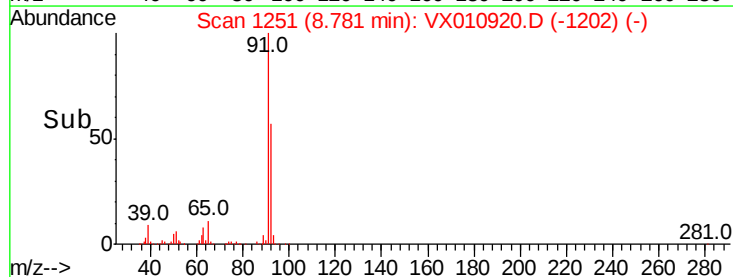
200000

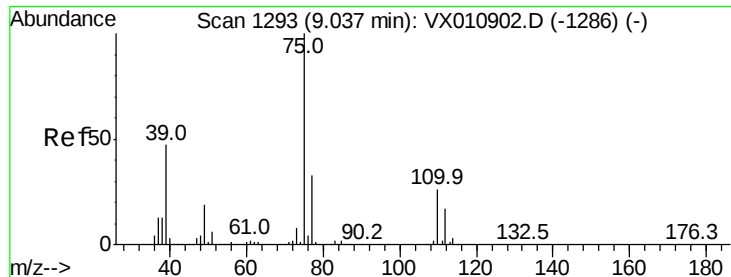
100000

0

8.70 8.80 8.90

Time-->





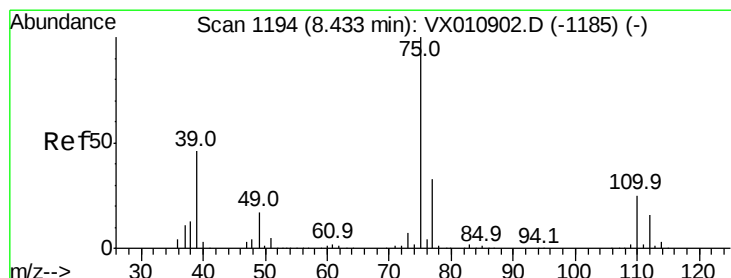
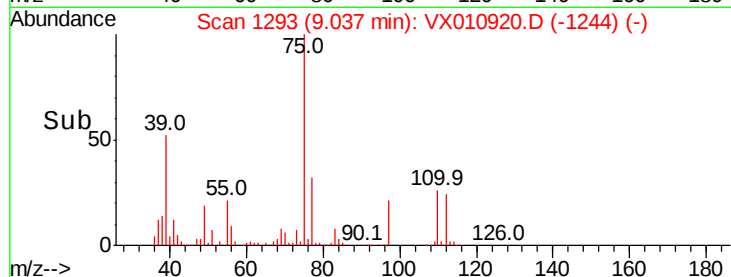
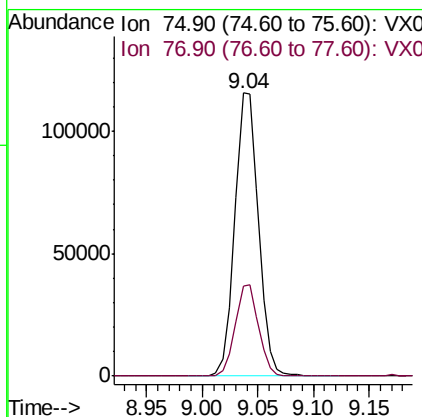
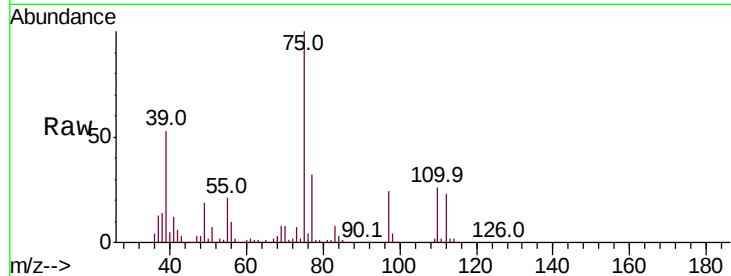
#53
t-1,3-Dichloropropene
Concen: 53.029 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Instrument :
MSVOA_X
ClientSampleId :
FL-0604MSD

Tot Ion: 75 Resp: 170021
Ion Ratio Lower Upper
75 100
77 31.6 26.2 39.2

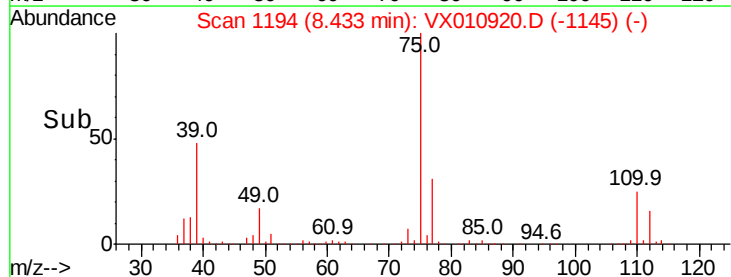
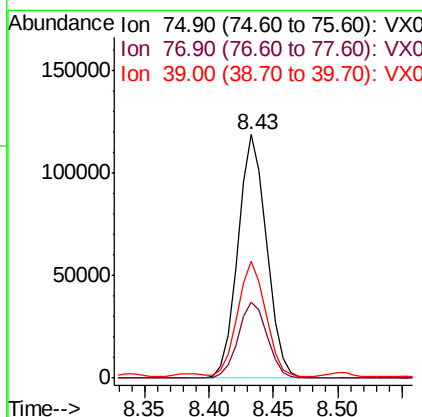
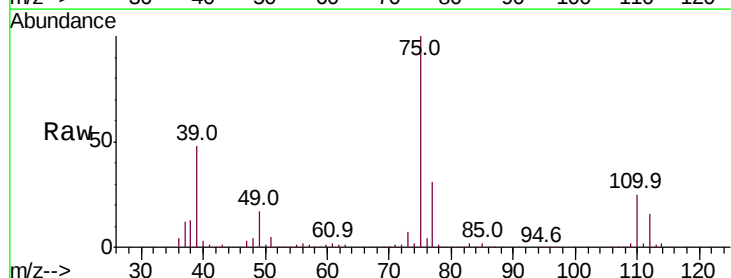
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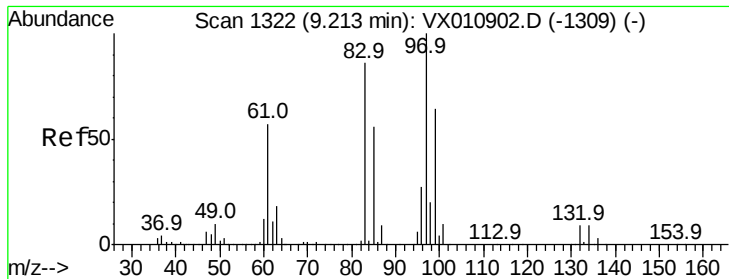
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#54
cis-1,3-Dichloropropene
Concen: 51.224 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Tgt Ion: 75 Resp: 182751
Ion Ratio Lower Upper
75 100
77 31.0 26.1 39.1
39 46.1 36.6 54.8





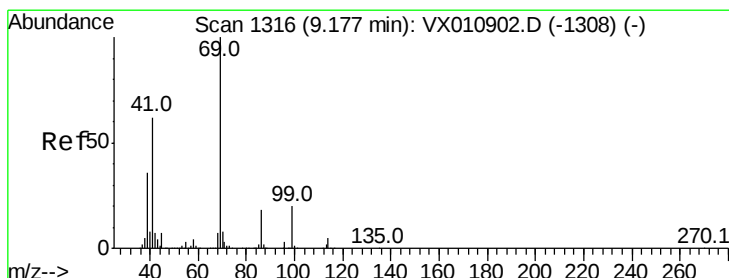
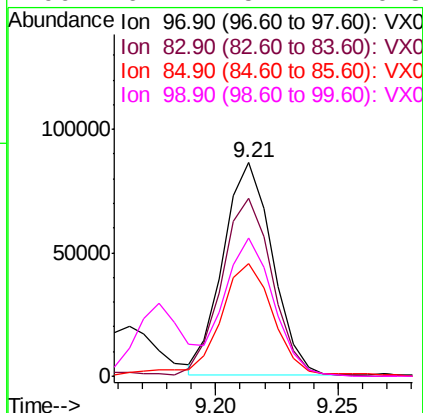
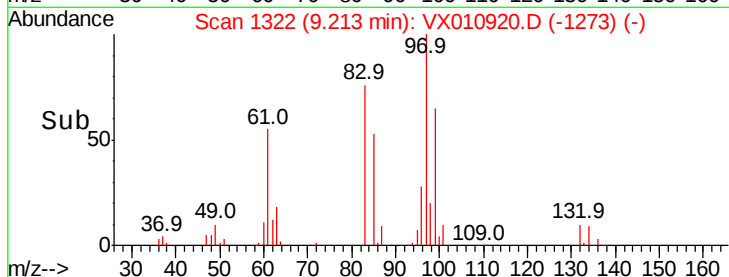
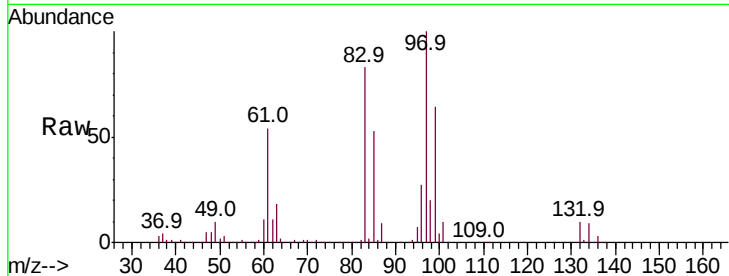
#55
 1,1,2-Trichloroethane
 Concen: 48.670 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010920.D
 Acq: 16 Jul 2019 20:35

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0604MSD

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.4	69.2	103.8
85	52.1	44.6	66.8
99	64.4	51.2	76.8

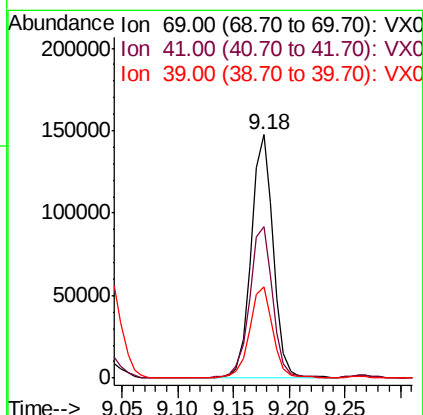
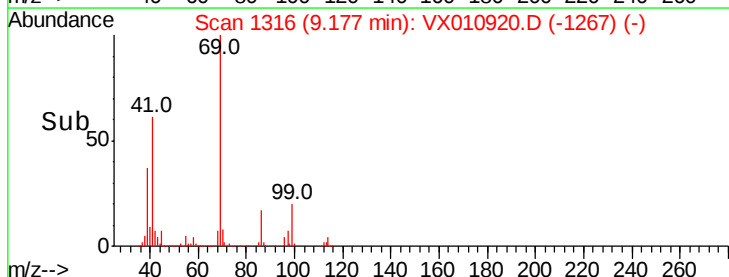
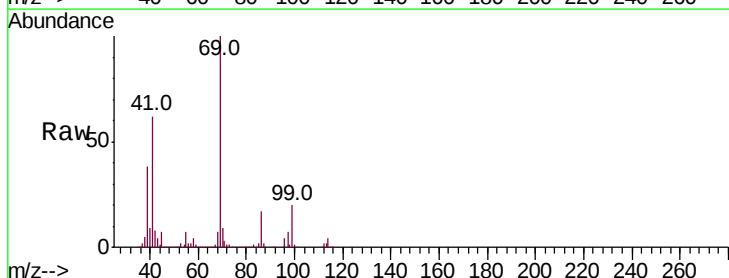
Manual Integrations
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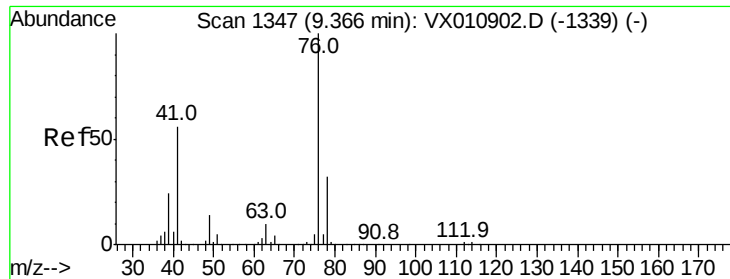
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#56
 Ethyl methacrylate
 Concen: 55.893 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010920.D
 Acq: 16 Jul 2019 20:35

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.0	49.7	74.5
39	38.7	29.6	44.4





#57

1,3-Dichloropropane

Concen: 50.580 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MSD

Tot Ion: 76 Resp: 199898

Ion Ratio Lower Upper

76 100

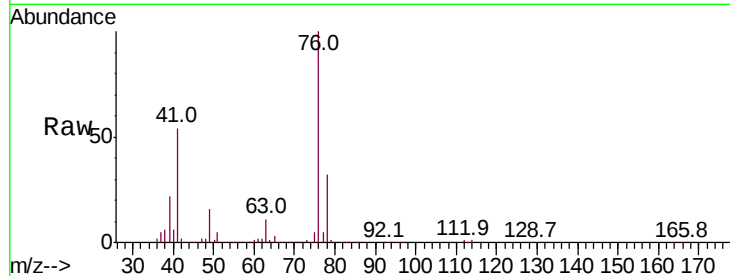
78 32.4 25.6 38.4

Manual Integrations

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MMDadoda

7/17/2019 1:23:19 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

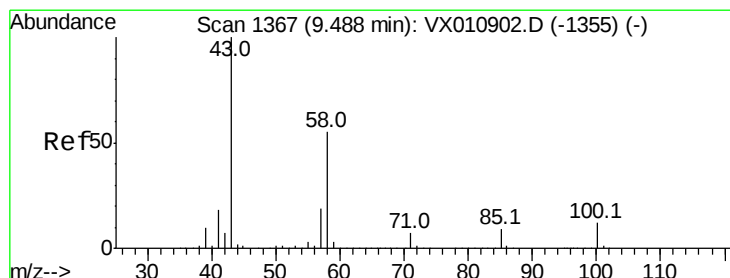
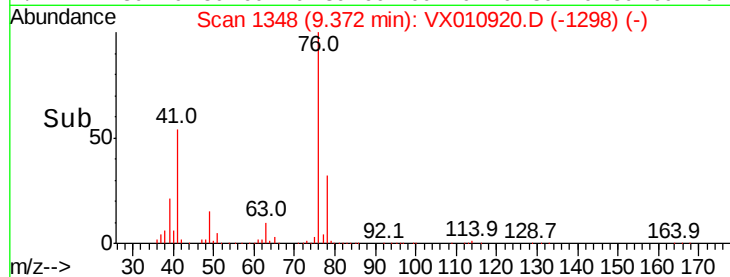
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#59

2-Hexanone

Concen: 253.463 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VX010920.D

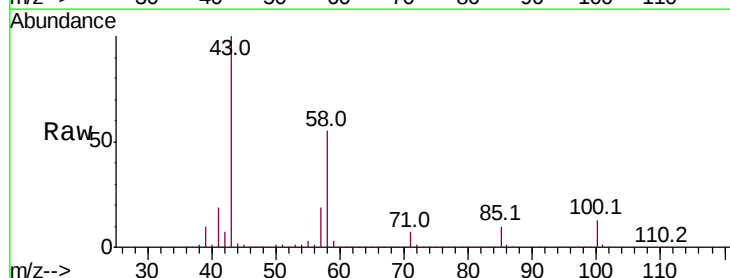
Acq: 16 Jul 2019 20:35

Tgt Ion: 43 Resp: 645160

Ion Ratio Lower Upper

43 100

58 56.3 28.0 83.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

500000

400000

300000

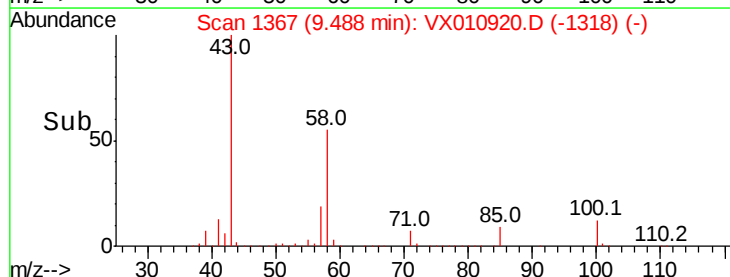
200000

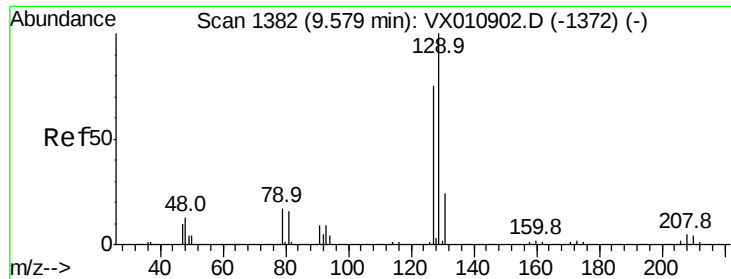
100000

0

9.45 9.50 9.55

Time-->





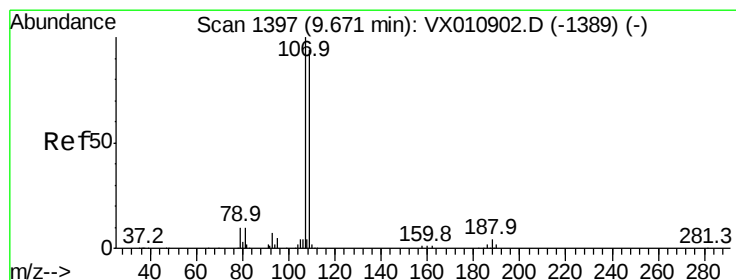
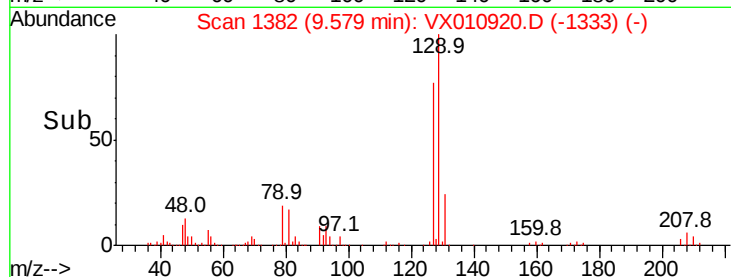
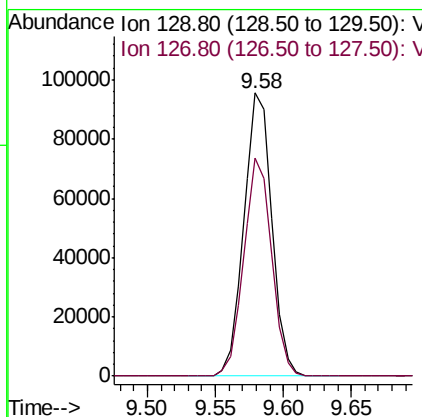
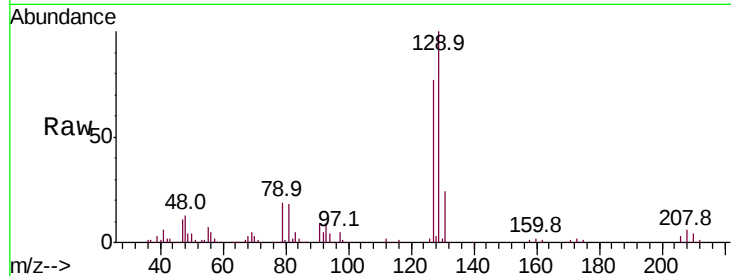
#60
Dibromochloromethane
Concen: 48.091 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Instrument :
MSVOA_X
ClientSampleId :
FL-0604MSD

Tot Ion:129 Resp: 137595
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8

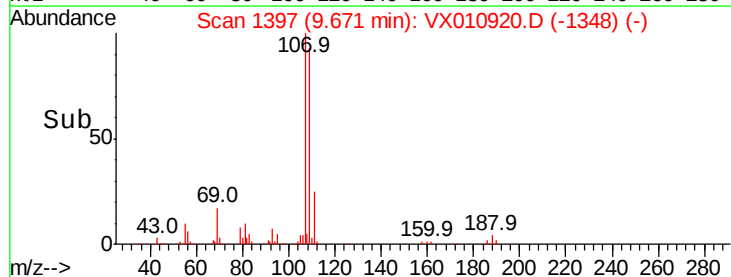
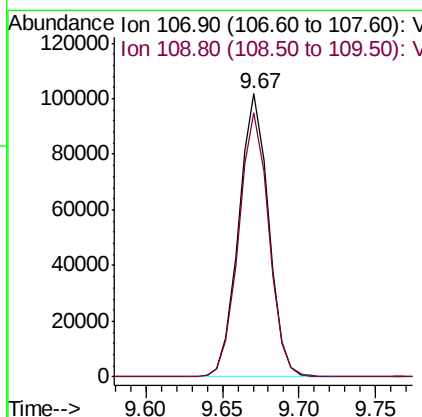
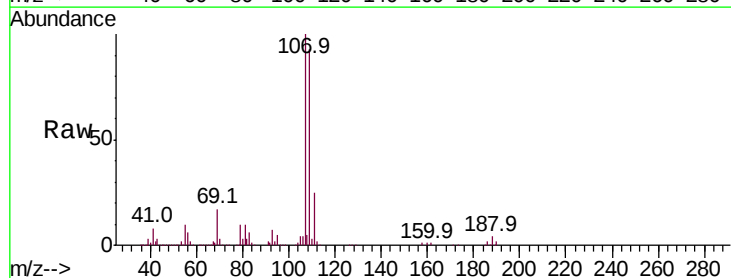
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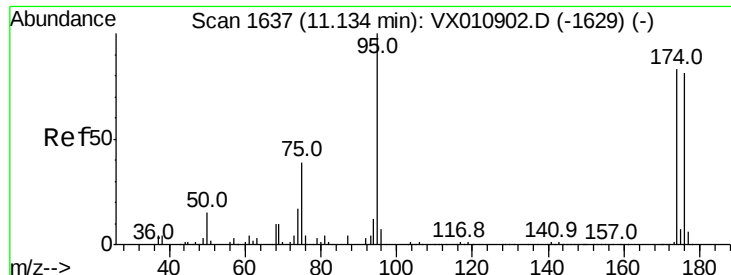
MMDadoda
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#61
1,2-Dibromoethane
Concen: 52.088 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Tgt Ion:107 Resp: 137715
Ion Ratio Lower Upper
107 100
109 94.4 75.4 113.0





#62

4-Bromofluorobenzene

Concen: 52.341 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MSD

Tot Ion: 95 Resp: 167654

Ion Ratio Lower Upper

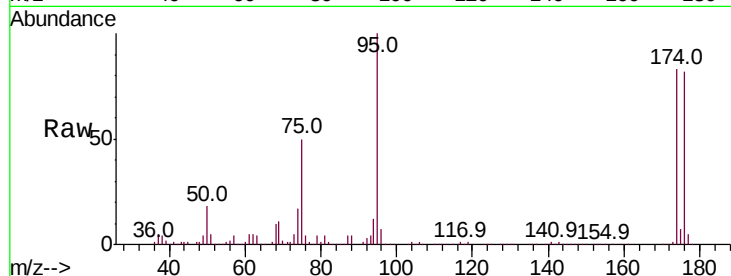
95 100

174 87.5 0.0 180.6

176 86.0 0.0 173.8

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7/17/2019 1:23:19 PM

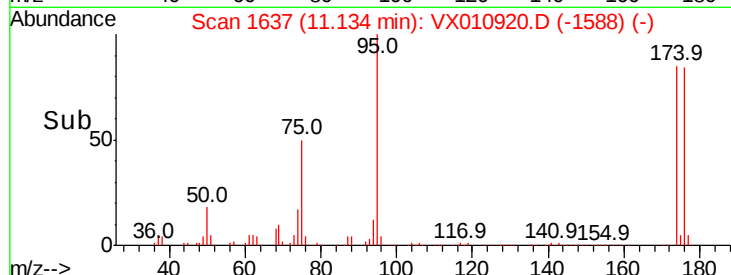


Abundance Ion 94.90 (94.60 to 95.60): VX010920.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX010920.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX010920.D (-1629) (-)

Time-->

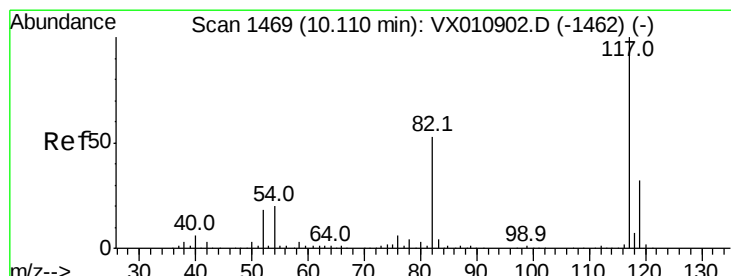


Abundance Ion 94.90 (94.60 to 95.60): VX010920.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010920.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010920.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

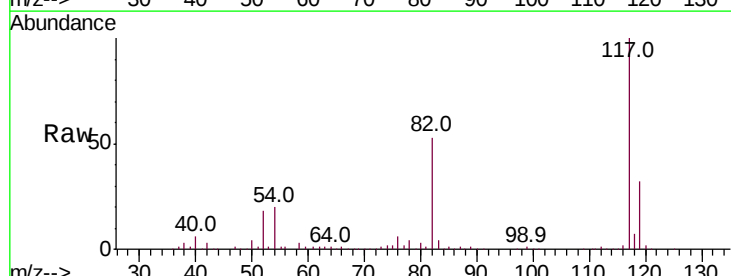
Tgt Ion: 117 Resp: 338005

Ion Ratio Lower Upper

117 100

82 53.1 42.6 63.8

119 31.6 25.9 38.9

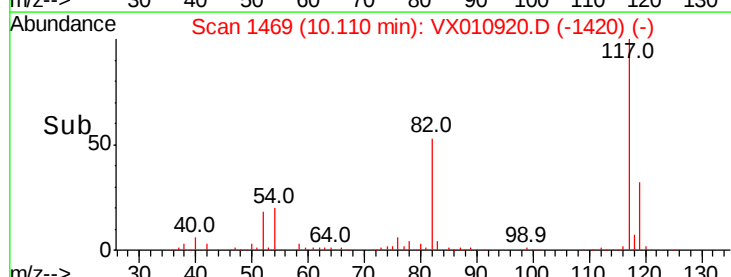


Abundance Ion 116.90 (116.60 to 117.60): VX010920.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010920.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010920.D (-1462) (-)

Time-->

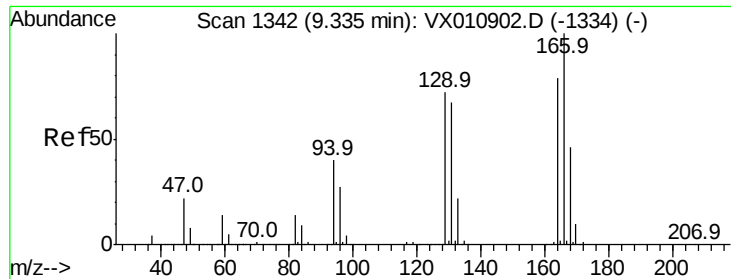


Abundance Ion 116.90 (116.60 to 117.60): VX010920.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010920.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010920.D (-1420) (-)

Time-->



#64

Tetrachloroethene

Concen: 44.589 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MSD

Tot Ion:164 Resp: 118563

Ion Ratio Lower Upper

164 100

166 126.3 100.8 151.2

129 92.4 72.6 109.0

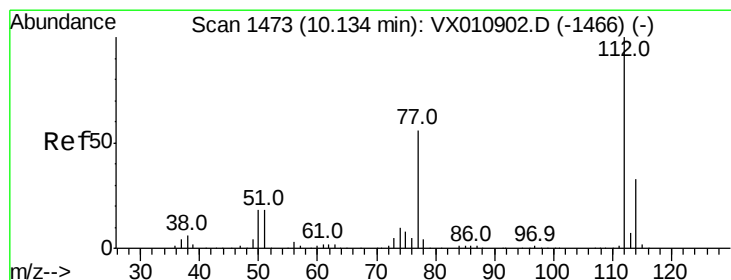
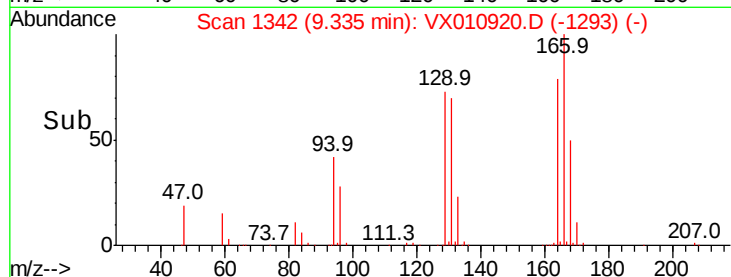
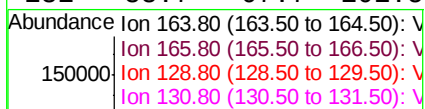
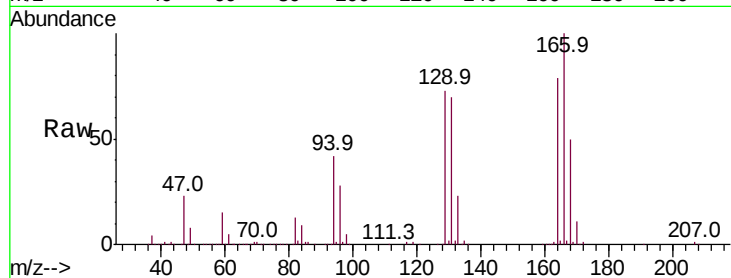
131 88.7 67.7 101.5

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#65

Chlorobenzene

Concen: 48.978 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX010920.D

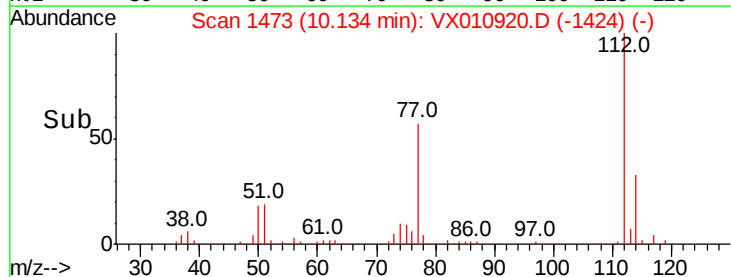
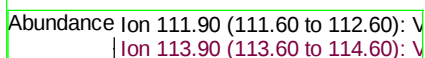
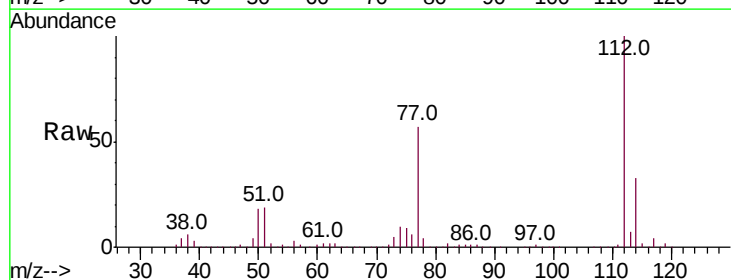
Acq: 16 Jul 2019 20:35

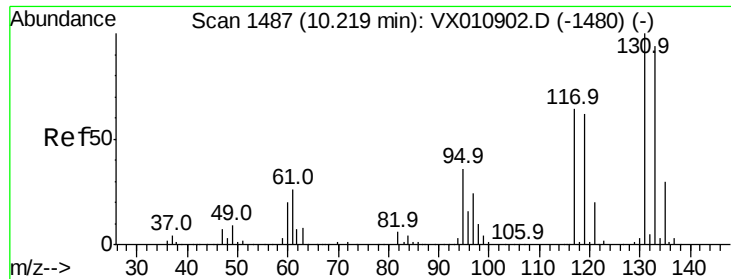
Tgt Ion:112 Resp: 340023

Ion Ratio Lower Upper

112 100

114 32.5 26.2 39.4





#66

1,1,1,2-Tetrachloroethane

Concen: 51.770 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MSD

Tot Ion:131 Resp: 126315

Ion Ratio Lower Upper

131 100

133 95.7 47.1 141.4

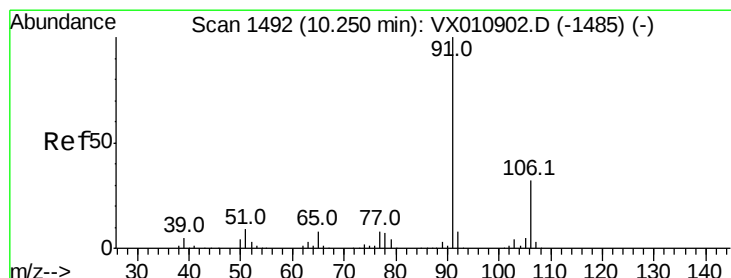
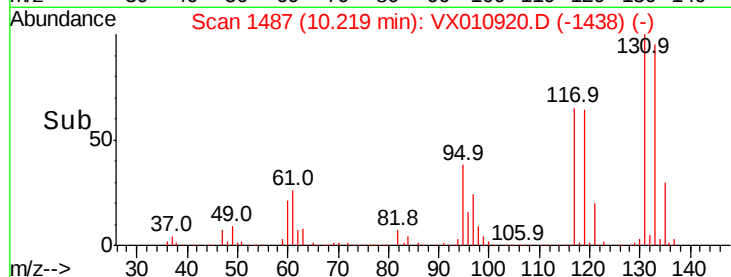
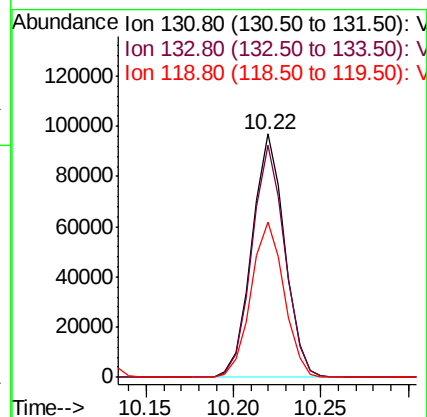
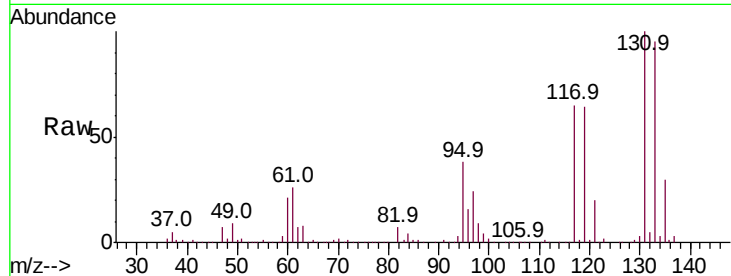
119 64.6 31.9 95.7

Manual Integrations

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#67

Ethyl Benzene

Concen: 102.214 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010920.D

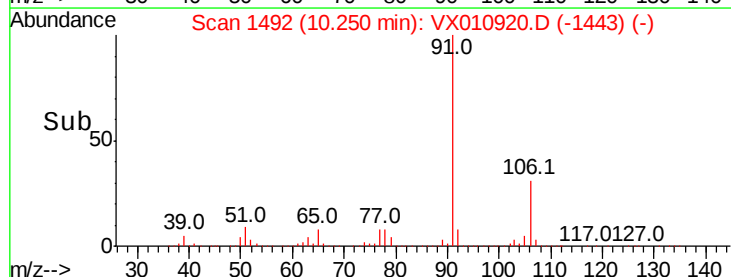
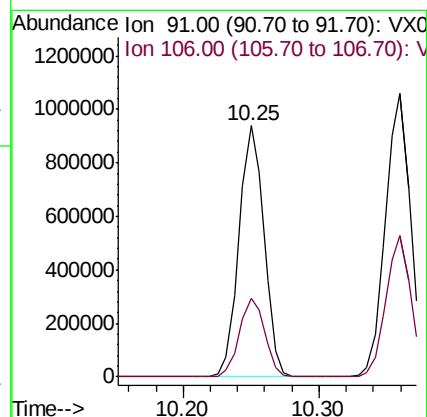
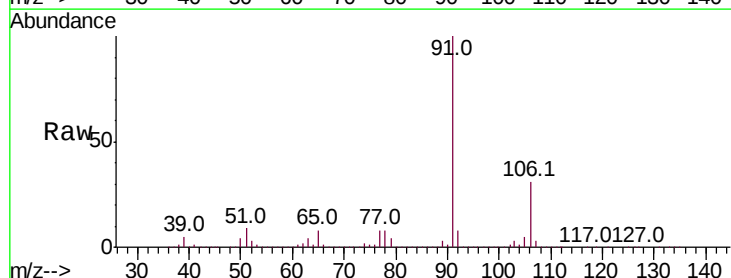
Acq: 16 Jul 2019 20:35

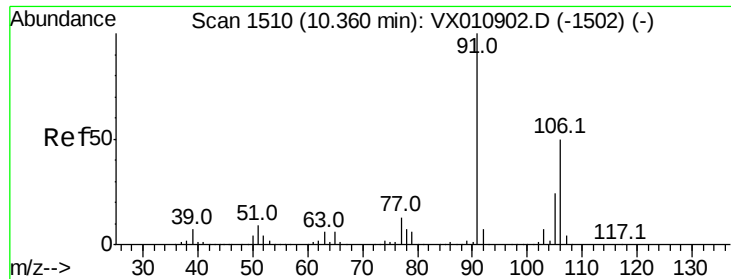
Tgt Ion: 91 Resp: 1207831

Ion Ratio Lower Upper

91 100

106 31.4 25.4 38.2





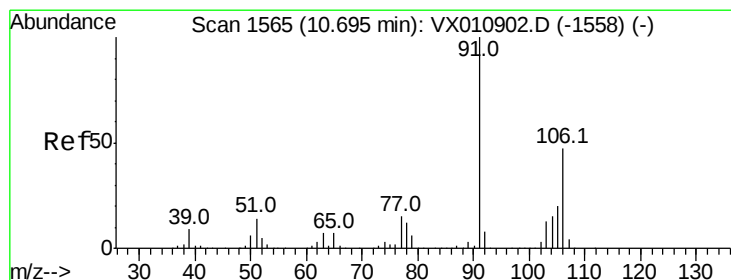
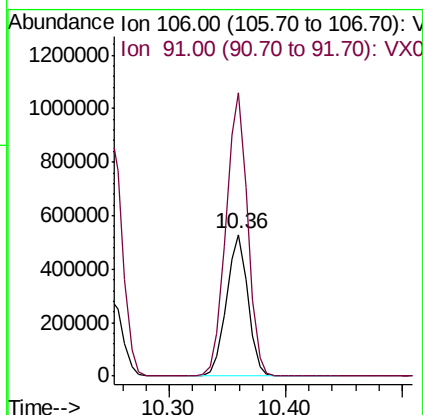
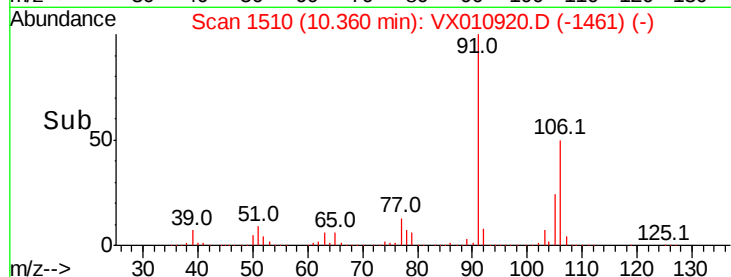
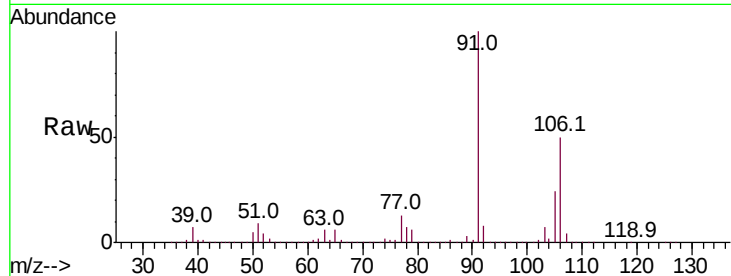
#68
m/p-Xylenes
Concen: 148.919 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Instrument :
MSVOA_X
ClientSampleId :
FL-0604MSD

Tot Ion:106 Resp: 675017
Ion Ratio Lower Upper
106 100
91 201.5 160.1 240.1

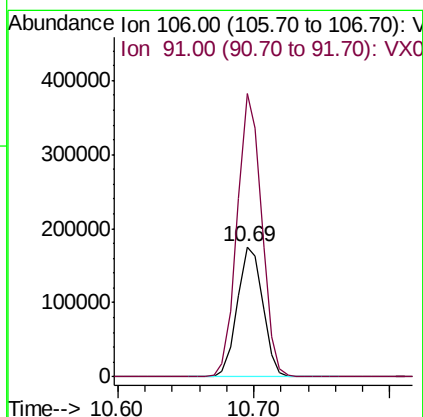
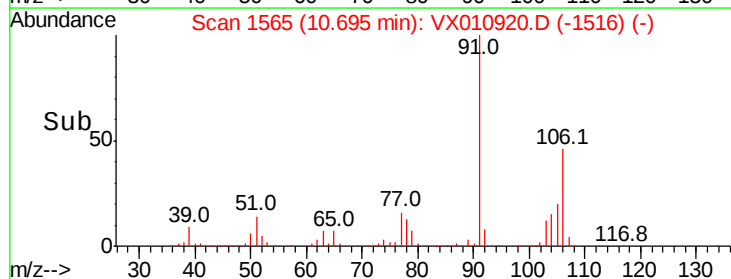
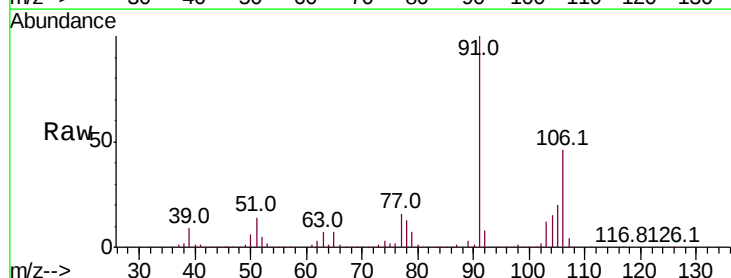
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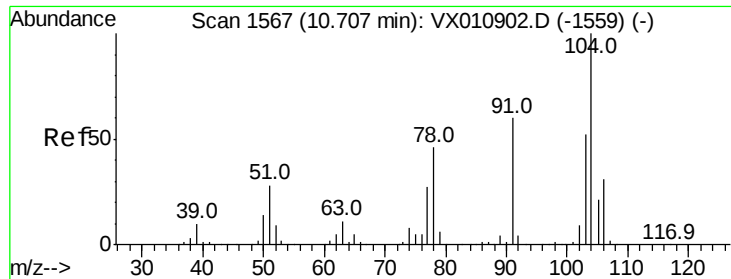
MMDadoda
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#69
o-Xylene
Concen: 51.828 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Tgt Ion:106 Resp: 229277
Ion Ratio Lower Upper
106 100
91 209.1 105.1 315.3





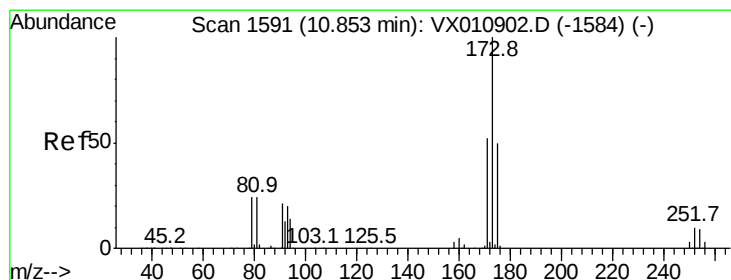
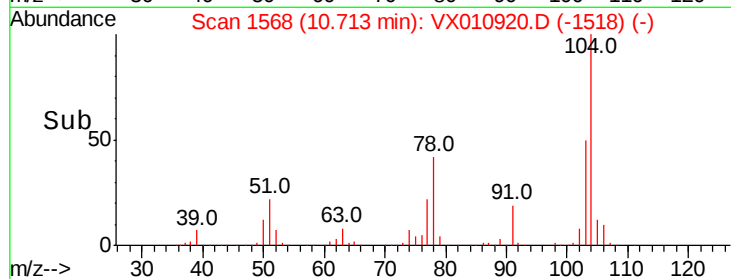
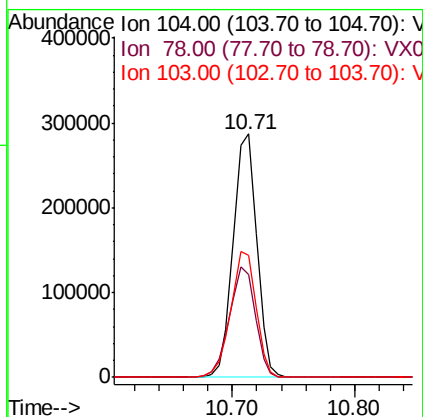
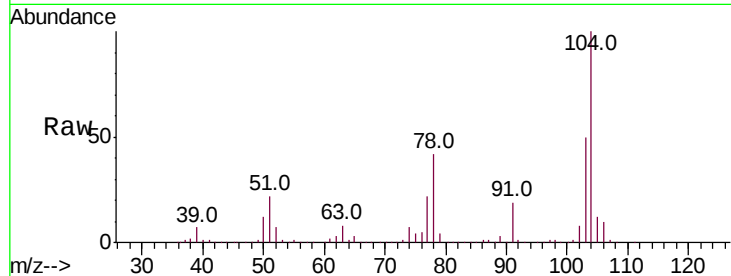
#70
Stvrene
Concen: 51.728 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Instrument :
MSVOA_X
ClientSampleId :
FL-0604MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.8	38.8	58.2
103	55.7	44.2	66.4

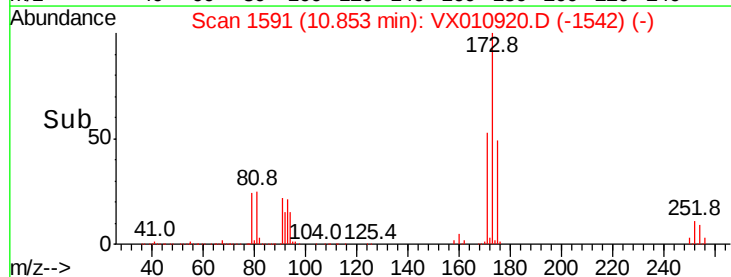
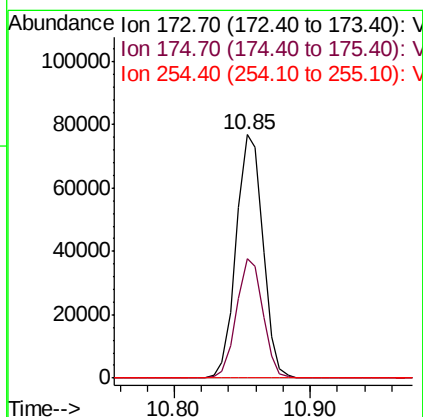
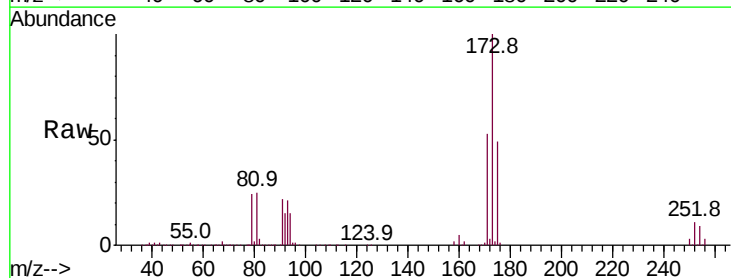
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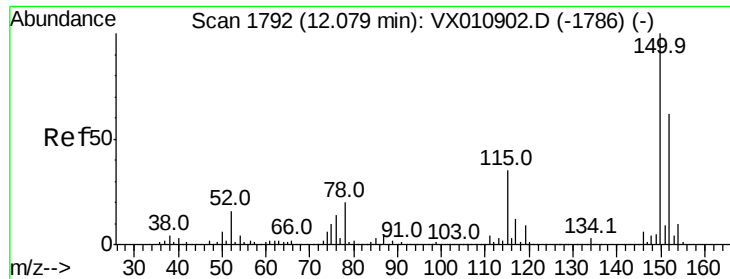
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#71
Bromoform
Concen: 47.492 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.6	73.6
254	0.1	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Instrument :

MSVOA_X

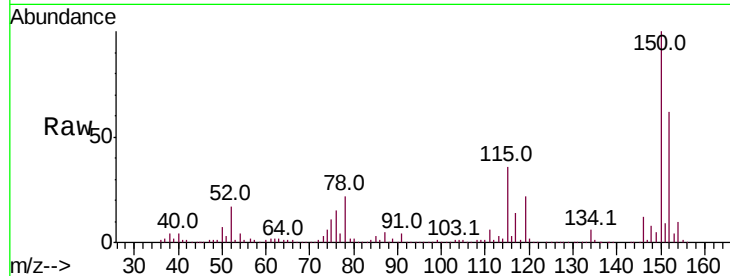
ClientSampleId :

FL-0604MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	83.7	39.7	119.1
150	173.8	0.0	345.6

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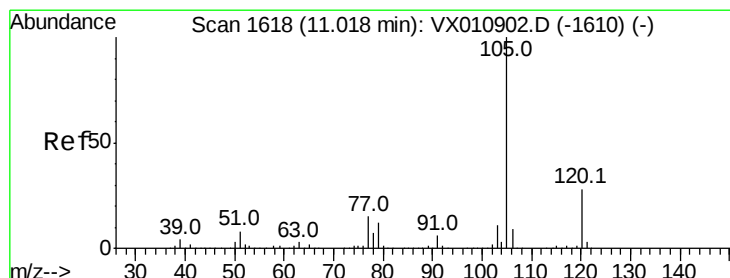
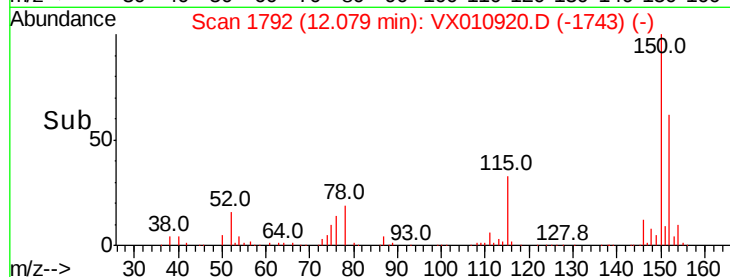
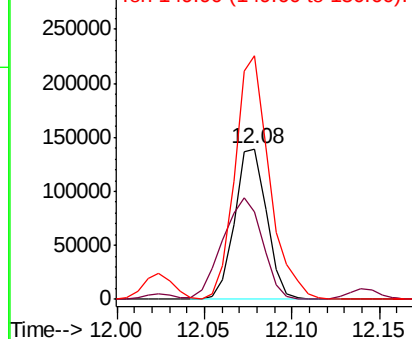


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 73.545 ug/l

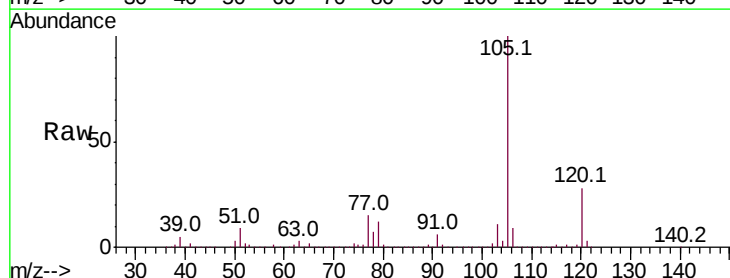
RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

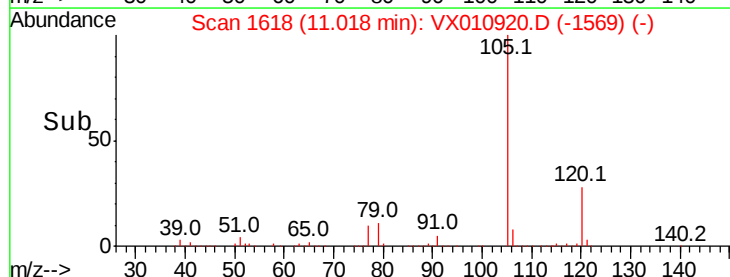
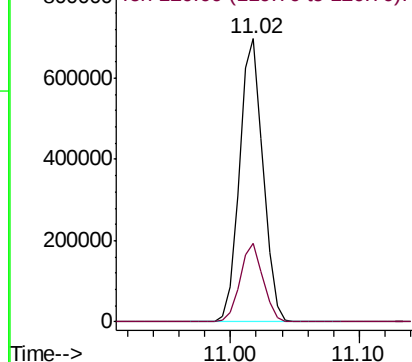
Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.7	41.1

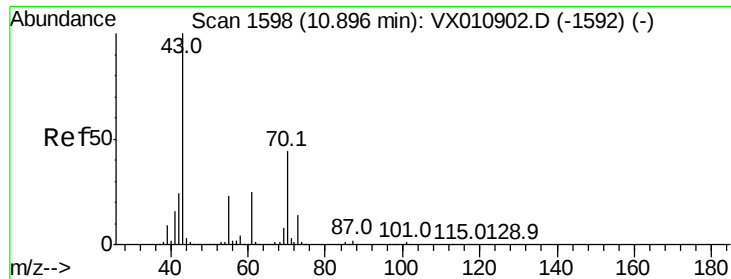


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





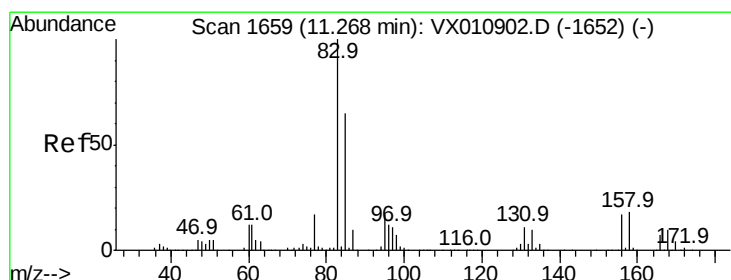
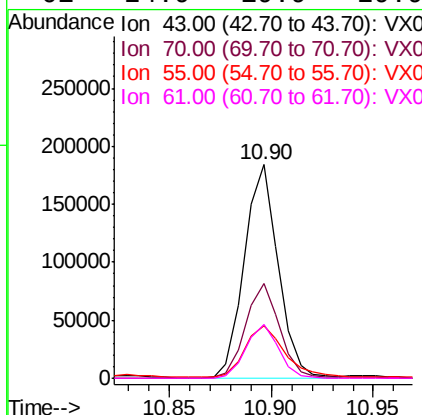
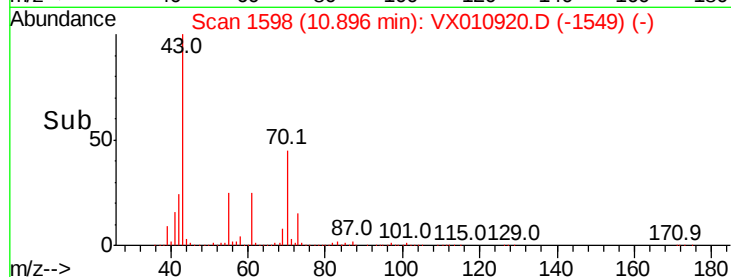
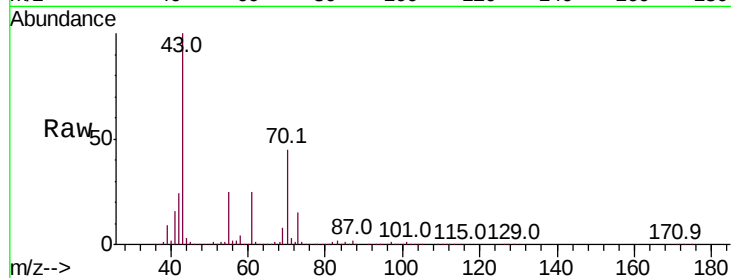
#74
N-amvl acetate
Concen: 46.506 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Instrument :
MSVOA_X
ClientSampled :
FL-0604MSD

Tot Ion	Ratio	Lower	Upper
43	100		
70	45.1	34.7	52.1
55	29.0	19.1	28.7
61	24.9	19.9	29.9

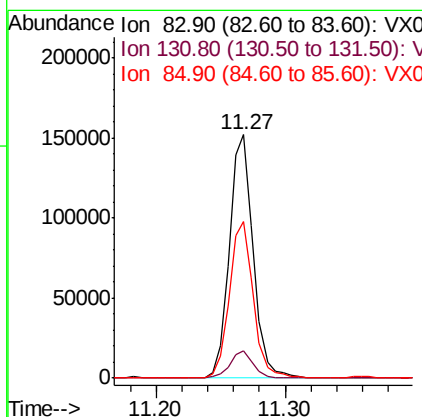
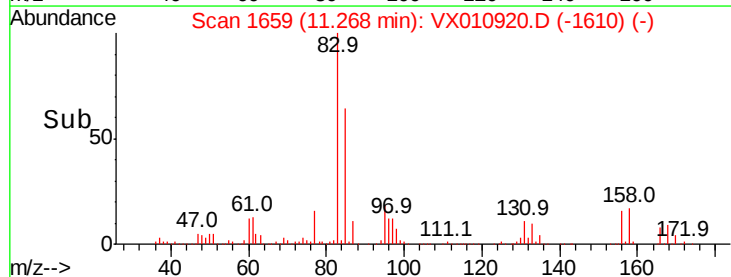
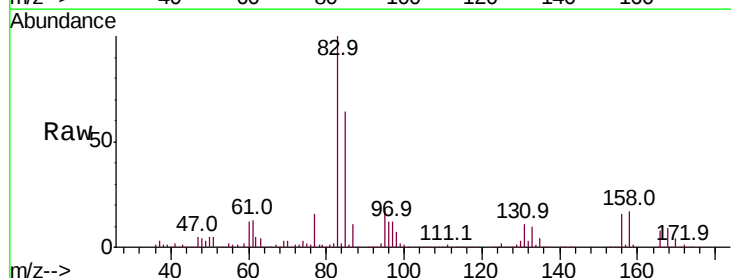
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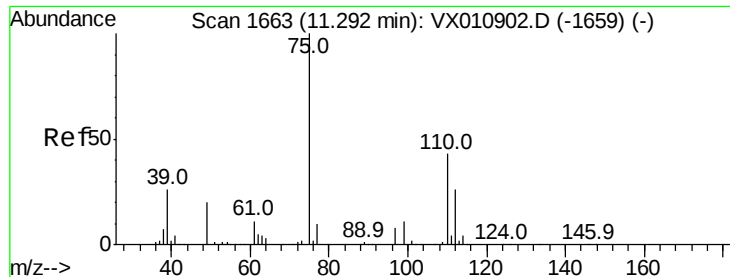
MMDadoda
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#75
1,1,2,2-Tetrachloroethane
Concen: 50.379 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.5	16.4
85	64.5	32.3	96.9





#76

1,2,3-Trichloropropane

Concen: 51.255 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MSD

Tot Ion: 75 Resp: 163676

Ion Ratio Lower Upper

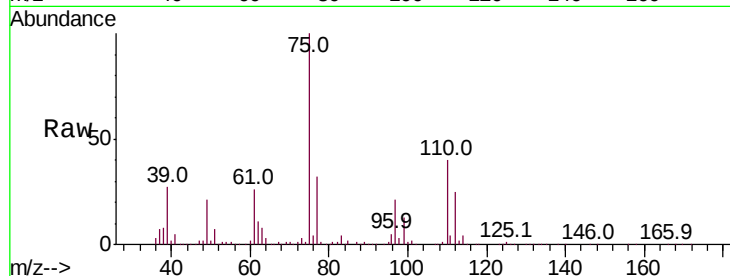
75 100

77 41.9 21.3 64.0

Manual Integrations
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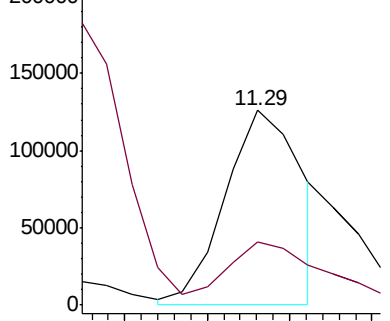
MMDadoda

7/17/2019 1:23:19 PM

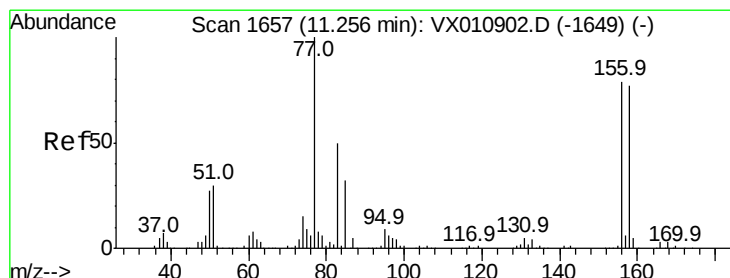
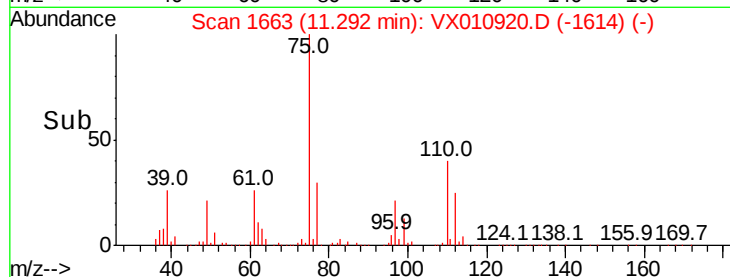


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->



#77

Bromobenzene

Concen: 49.280 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

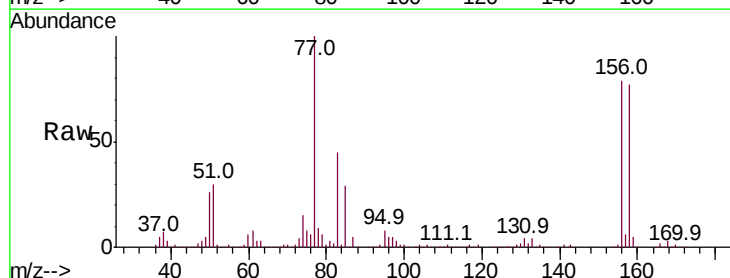
Tgt Ion: 156 Resp: 162536

Ion Ratio Lower Upper

156 100

77 140.1 68.7 206.1

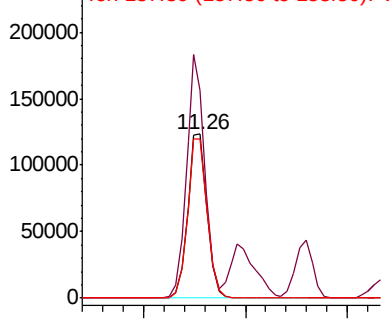
158 98.6 47.9 143.7



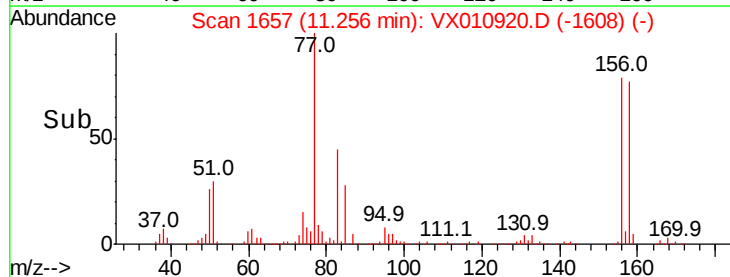
Abundance Ion 155.80 (155.50 to 156.50): V

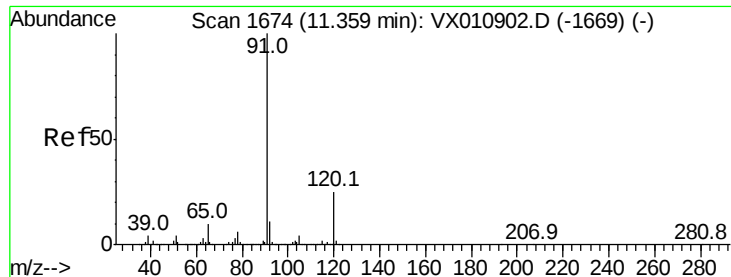
Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



Time-->





#78

n-propylbenzene

Concen: 99.037 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MSD

Tot Ion: 91 Resp: 1308460

Ion Ratio Lower Upper

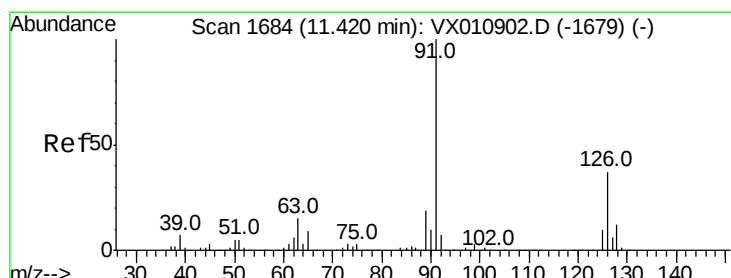
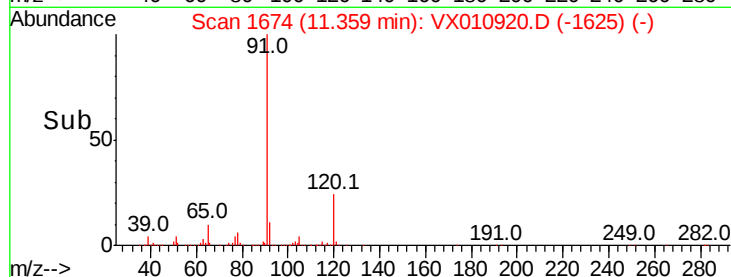
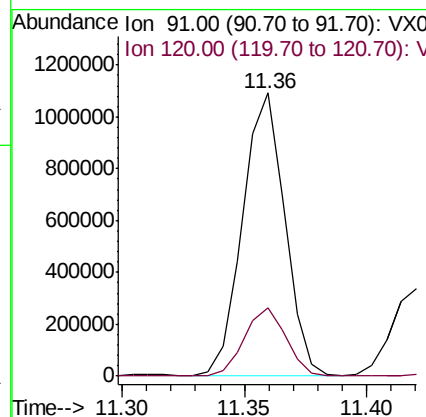
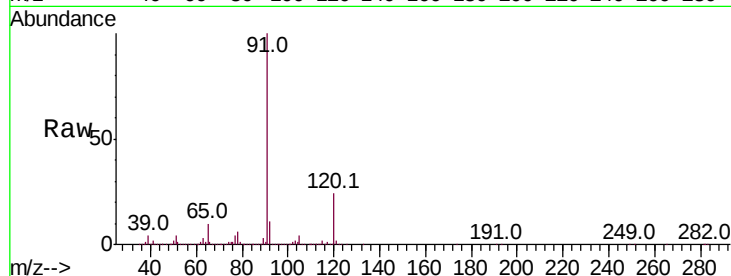
91 100

120 24.1 12.3 36.8

Manual Integrations
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#79

2-Chlorotoluene

Concen: 52.836 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010920.D

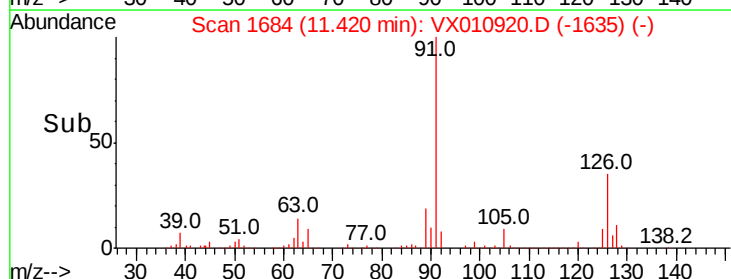
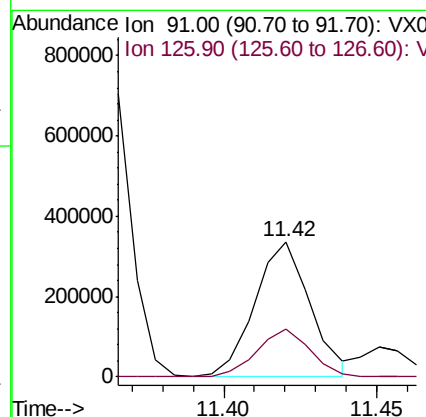
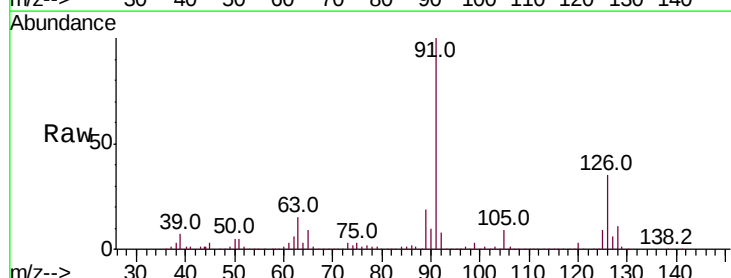
Acq: 16 Jul 2019 20:35

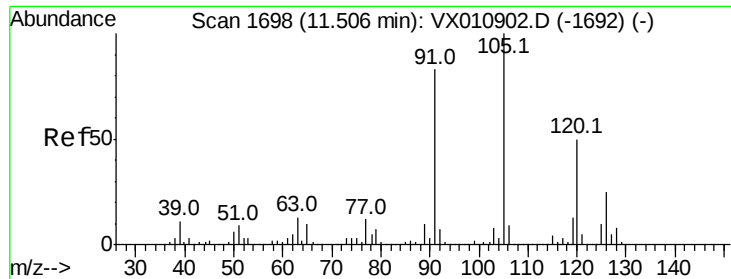
Tgt Ion: 91 Resp: 419340

Ion Ratio Lower Upper

91 100

126 34.1 18.0 54.0





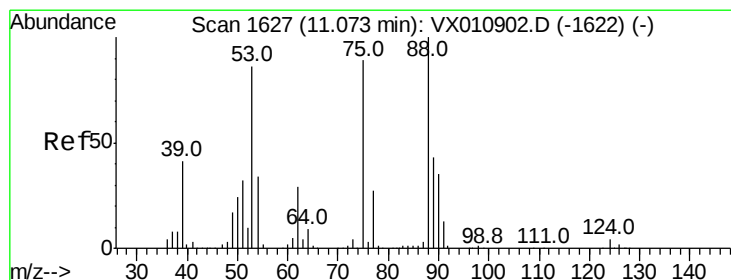
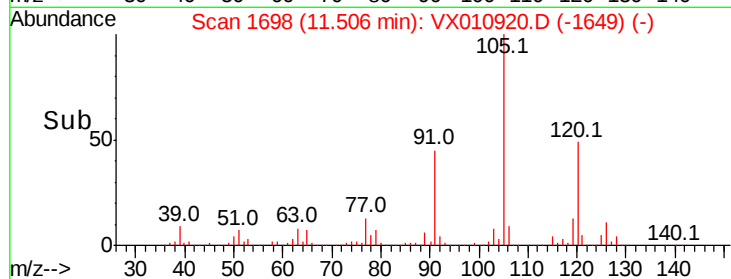
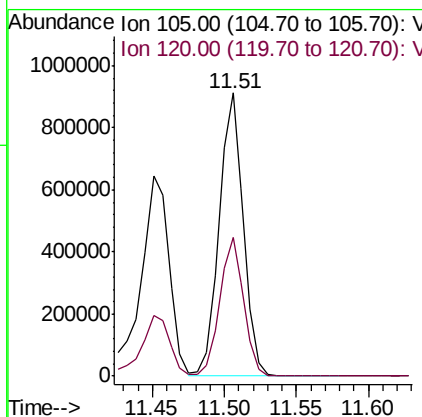
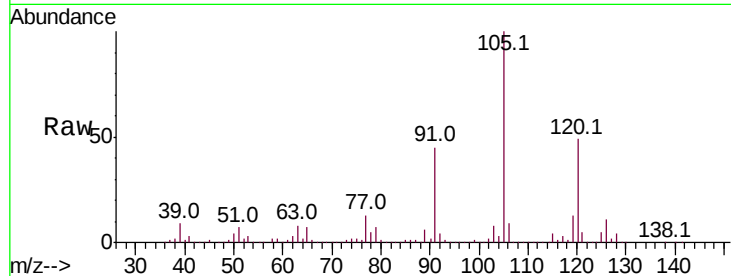
#80
 1,3,5-Trimethylbenzene
 Concen: 107.227 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010920.D
 Acq: 16 Jul 2019 20:35

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0604MSD

Tot Ion:105 Resp: 1071352
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.6 73.8

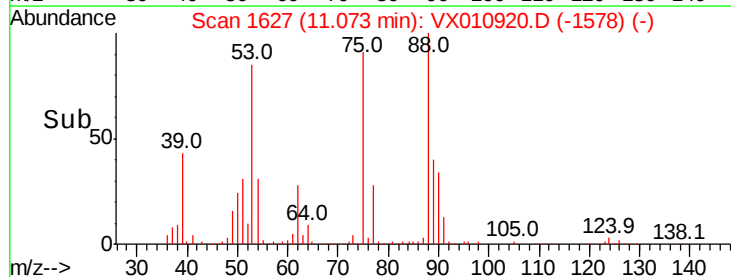
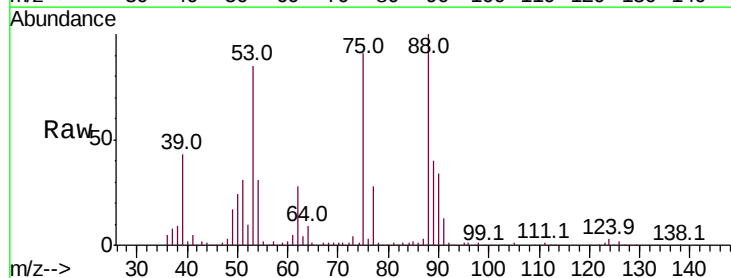
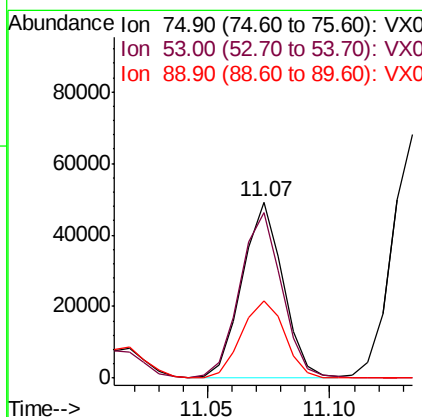
Manual Integrations
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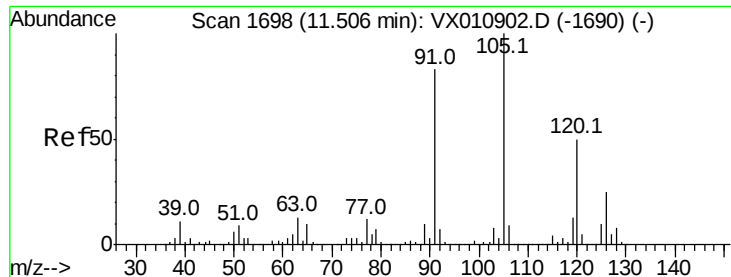
MMDadoda
 7/17/2019 1:23:19 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.560 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010920.D
 Acq: 16 Jul 2019 20:35

Tgt Ion: 75 Resp: 56941
 Ion Ratio Lower Upper
 75 100
 53 96.2 76.7 115.1
 89 46.5 38.5 57.7





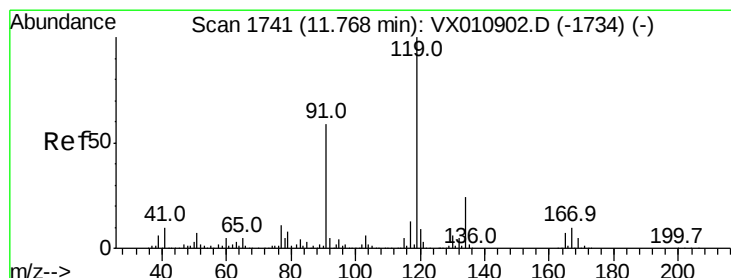
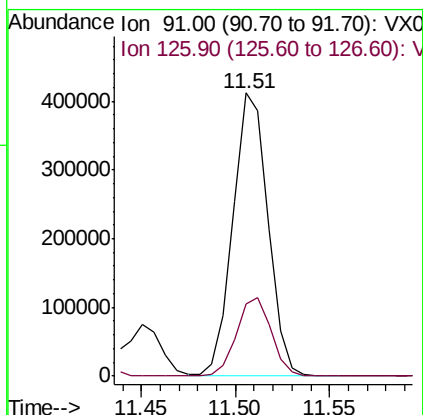
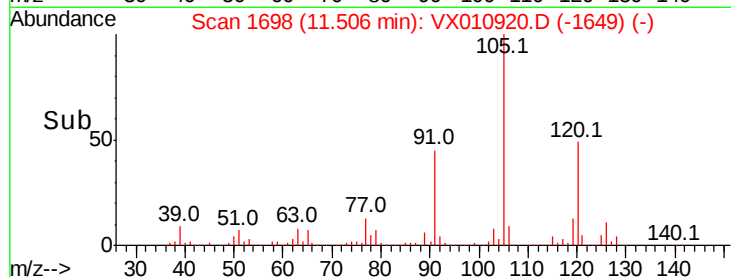
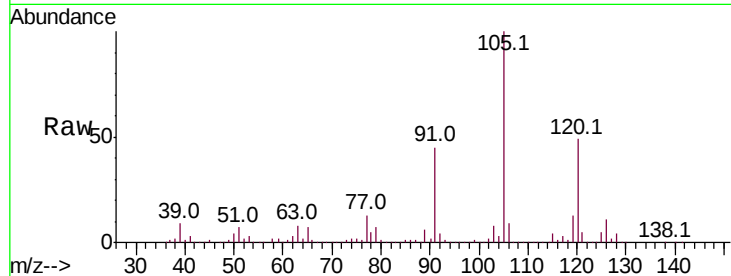
#82
4-Chlorotoluene
Concen: 57.517 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Instrument :
MSVOA_X
ClientSampleId :
FL-0604MSD

Tot Ion: 91 Resp: 531308
Ion Ratio Lower Upper
91 100
126 27.4 15.9 47.7

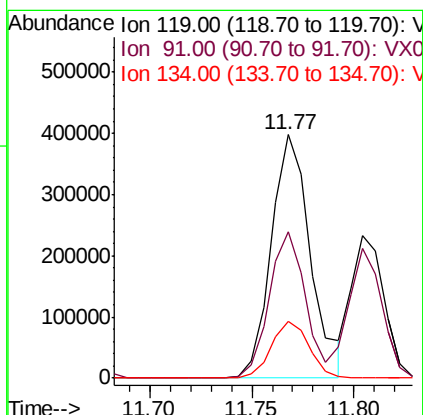
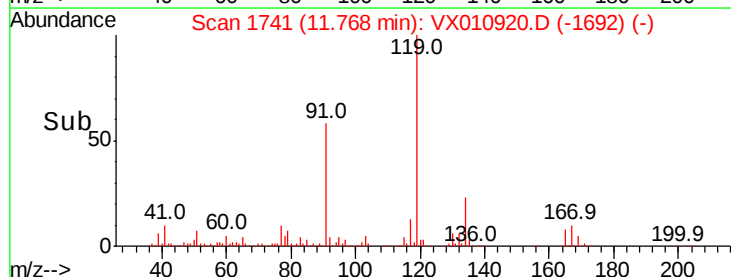
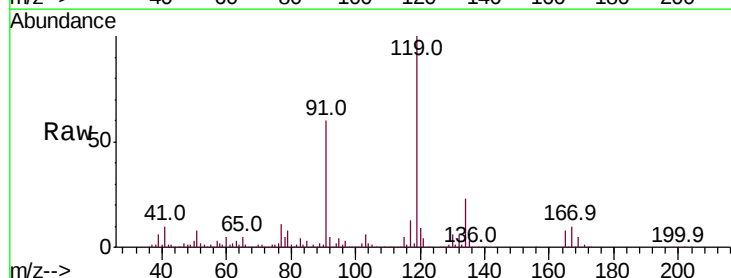
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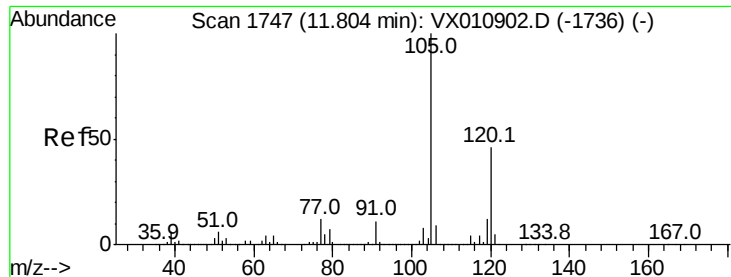
MMDadoda
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#83
tert-Butylbenzene
Concen: 54.392 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Tgt Ion: 119 Resp: 533810
Ion Ratio Lower Upper
119 100
91 55.3 28.6 85.8
134 22.4 11.6 34.8





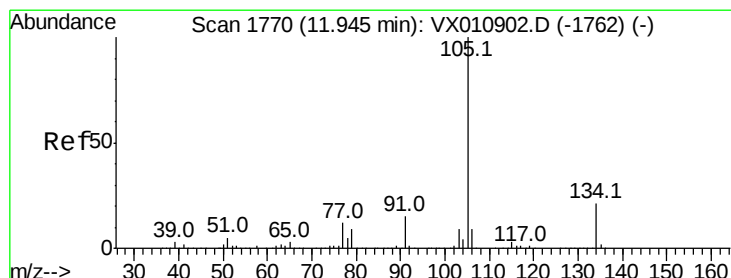
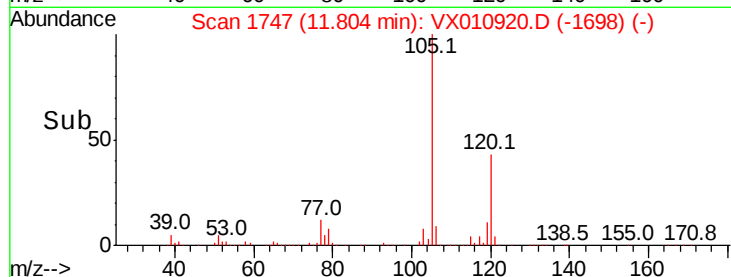
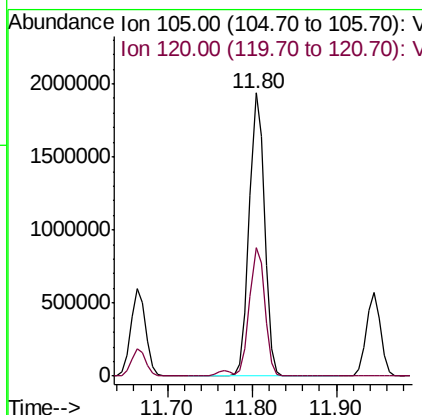
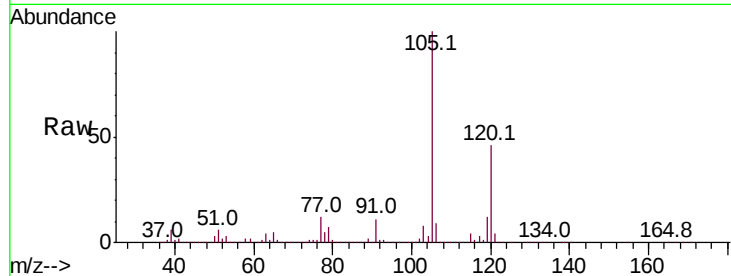
#84
1,2,4-Trimethylbenzene
Concen: 229.888 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Instrument :
MSVOA_X
ClientSampleId :
FL-0604MSD

Tot Ion:105 Resp: 2315061
Ion Ratio Lower Upper
105 100
120 45.8 22.9 68.5

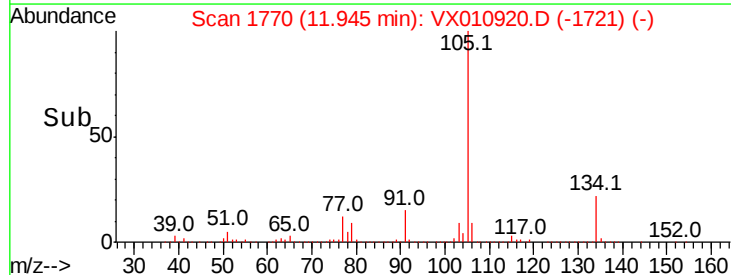
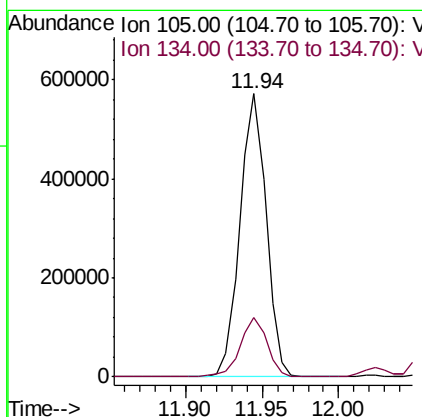
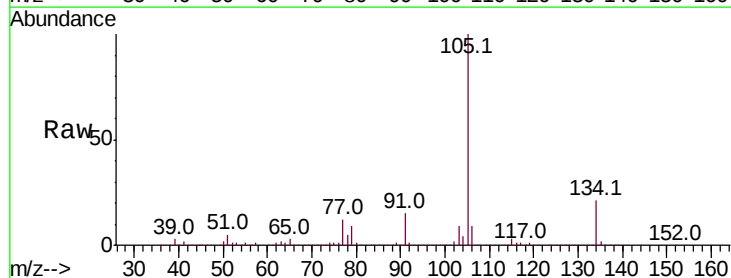
Manual Integrations
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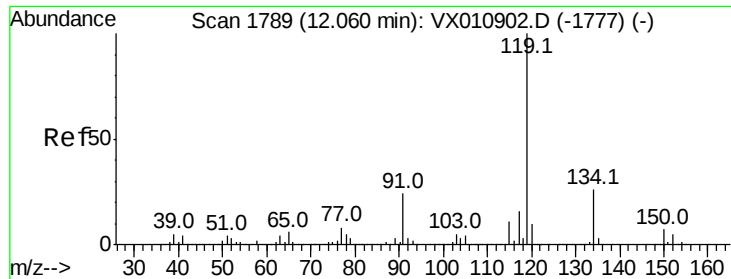
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#85
sec-Butylbenzene
Concen: 58.863 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX010920.D
Acq: 16 Jul 2019 20:35

Tgt Ion:105 Resp: 676895
Ion Ratio Lower Upper
105 100
134 21.7 10.4 31.4





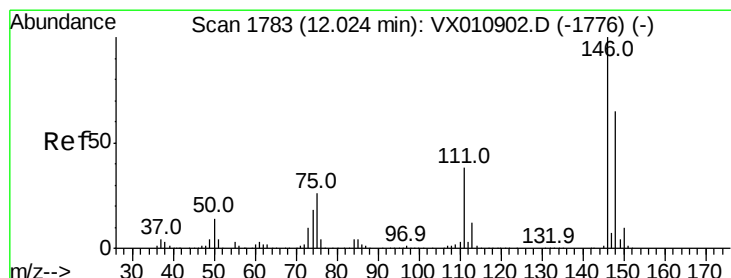
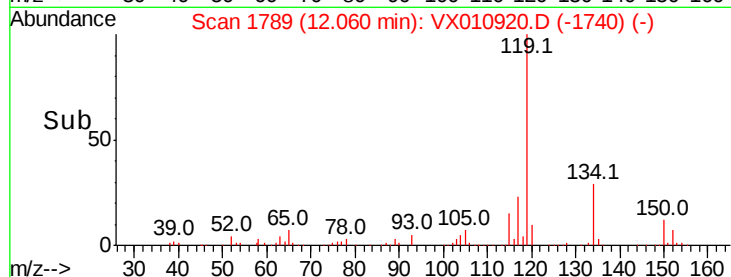
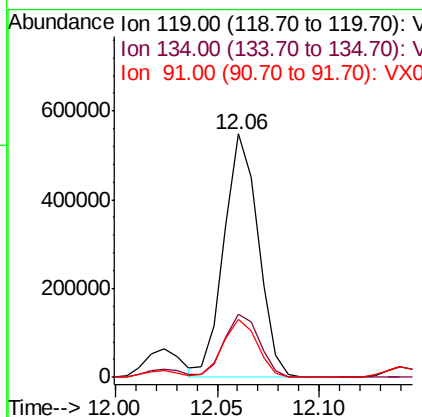
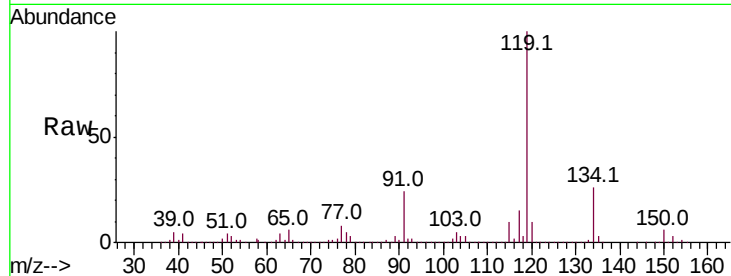
#86
 p-Isopropyltoluene
 Concen: 60.069 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010920.D
 Acq: 16 Jul 2019 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	638609		
134	26.6		13.4	40.1
91	23.9		11.8	35.4

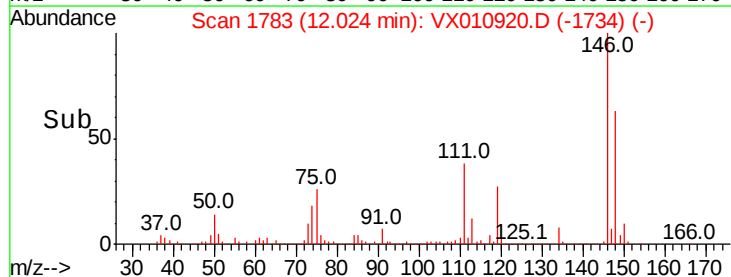
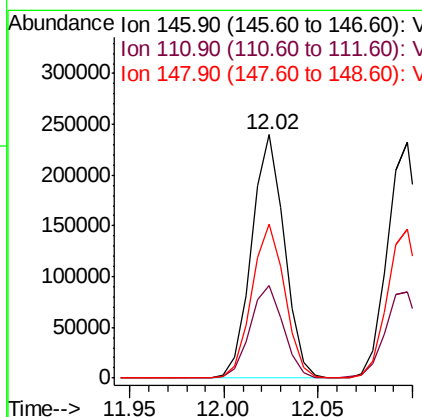
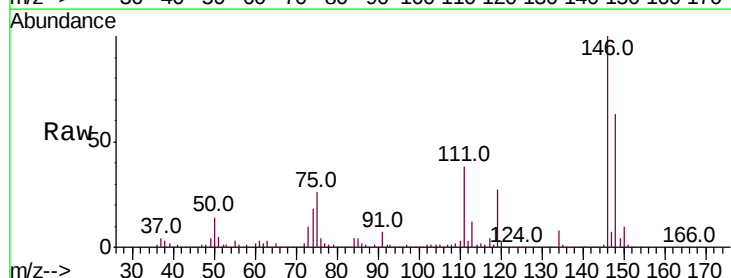
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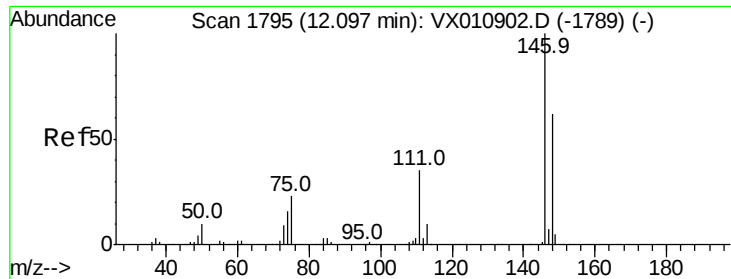
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#87
 1,3-Dichlorobenzene
 Concen: 50.449 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010920.D
 Acq: 16 Jul 2019 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	288762		
111	38.4		18.9	56.9
148	63.9		32.2	96.6





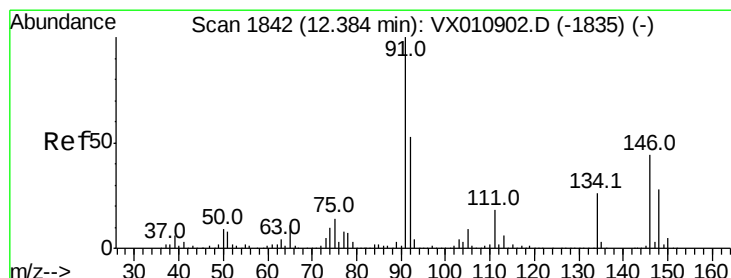
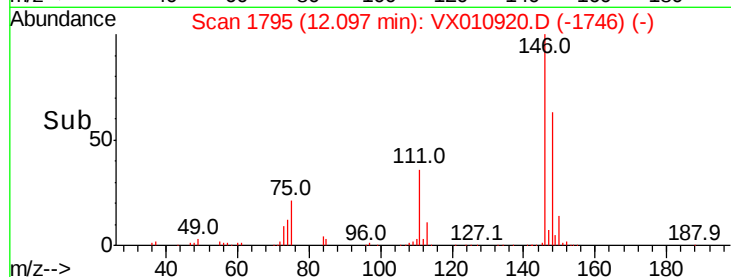
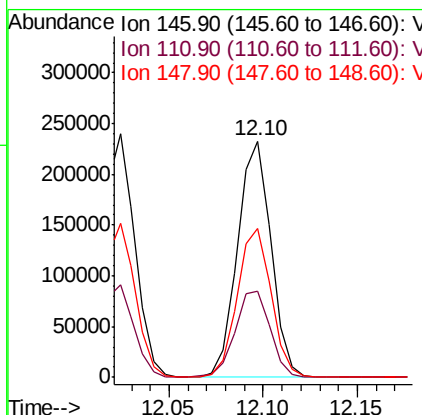
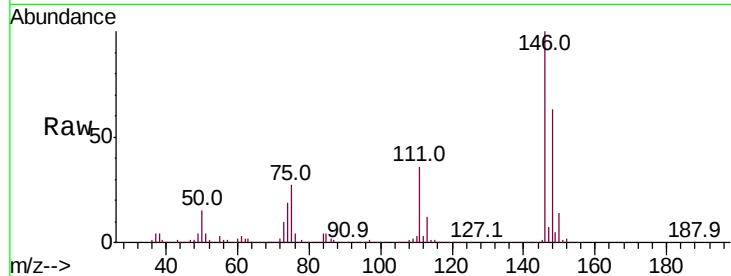
#88
 1,4-Dichlorobenzene
 Concen: 48.700 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010920.D
 Acq: 16 Jul 2019 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	285885		
111	38.0	18.6	55.8	
148	64.1	31.6	94.7	

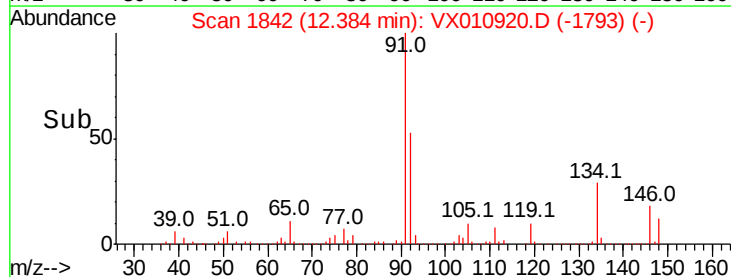
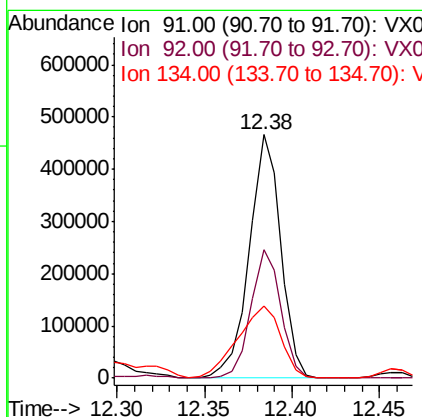
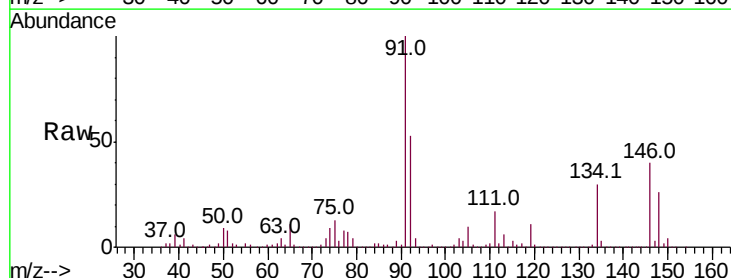
Manual Integrations
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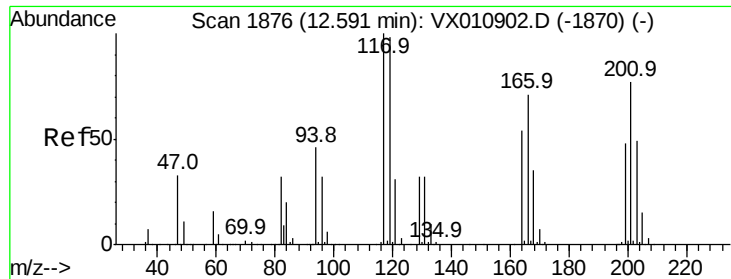
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#89
 n-Butylbenzene
 Concen: 64.151 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX010920.D
 Acq: 16 Jul 2019 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	583478		
92	49.8	26.2	78.5	
134	40.4	13.8	41.3	





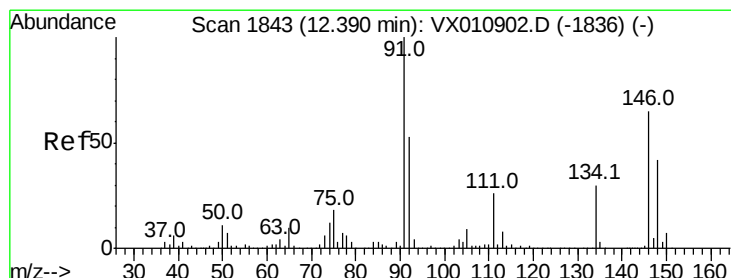
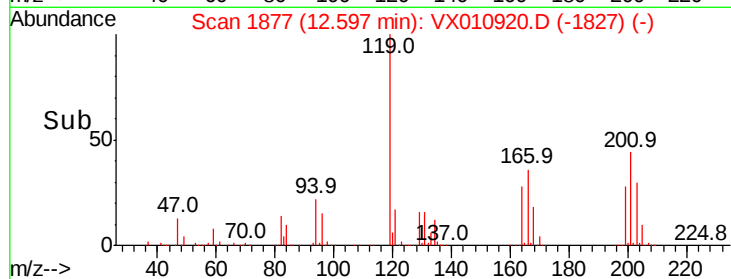
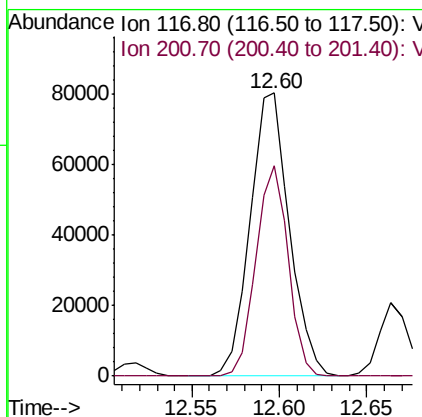
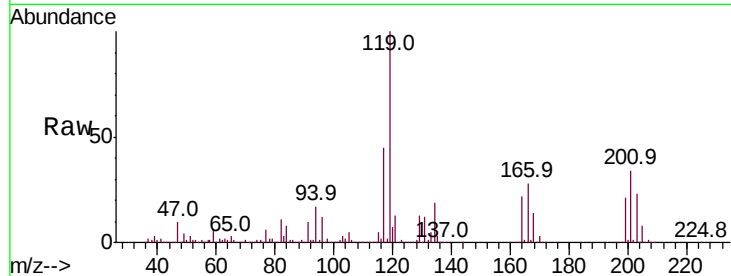
#90
 Hexachloroethane
 Concen: 75.221 ug/l
 RT: 12.60 min Scan# 1877
 Delta R.T. 0.01 min
 Lab File: VX010920.D
 Acq: 16 Jul 2019 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	126133		
201	61.0	43.3	129.8	

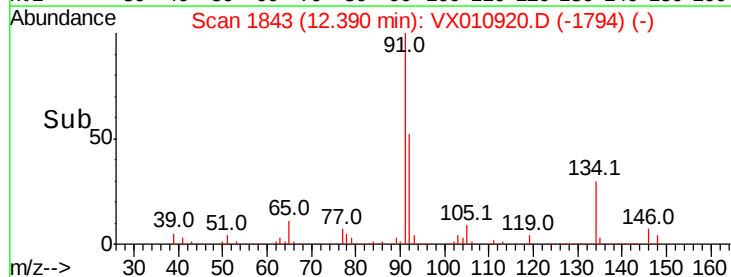
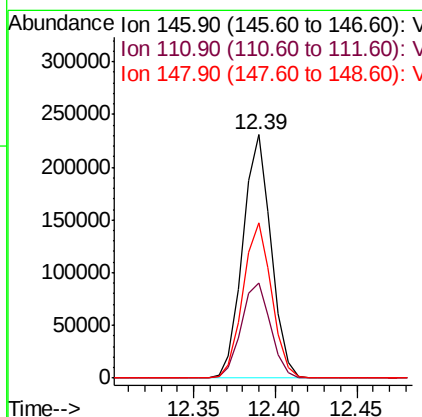
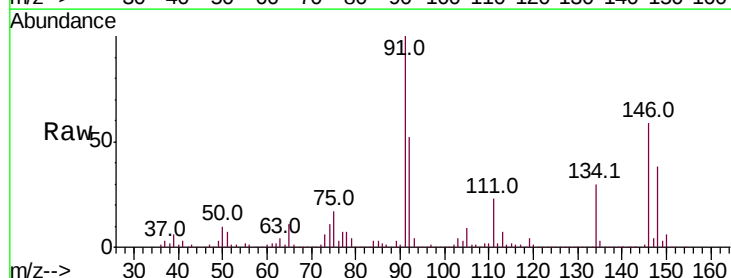
Manual Integrations
 APPROVED

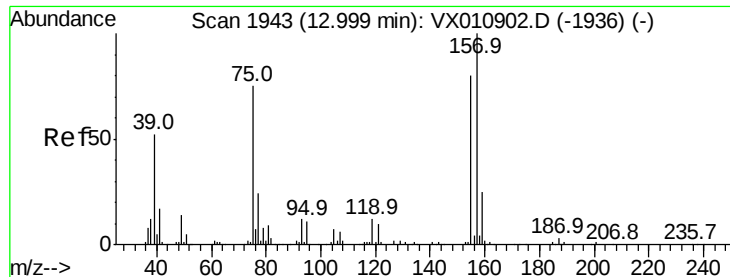
MMDadoda
 7/17/2019 1:23:19 PM



#91
 1,2-Dichlorobenzene
 Concen: 49.273 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010920.D
 Acq: 16 Jul 2019 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	279509		
111	40.3	19.9	59.7	
148	64.5	32.0	96.2	





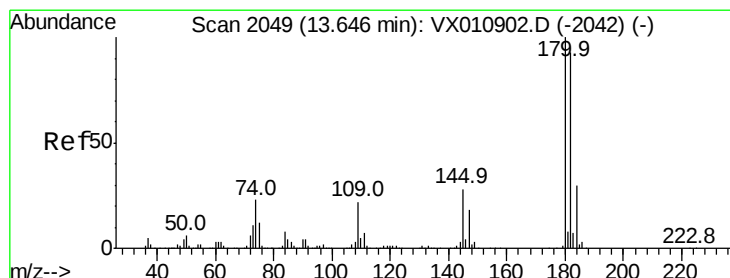
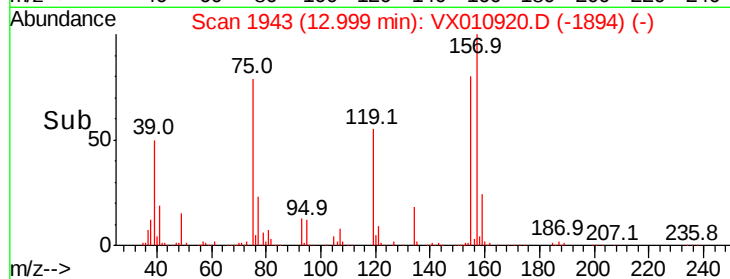
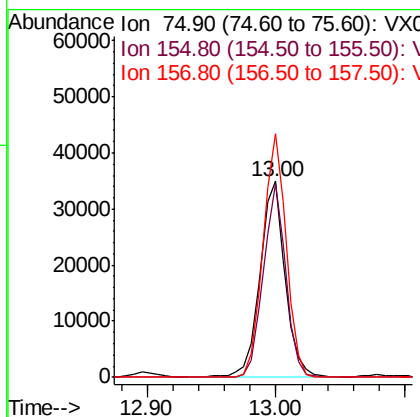
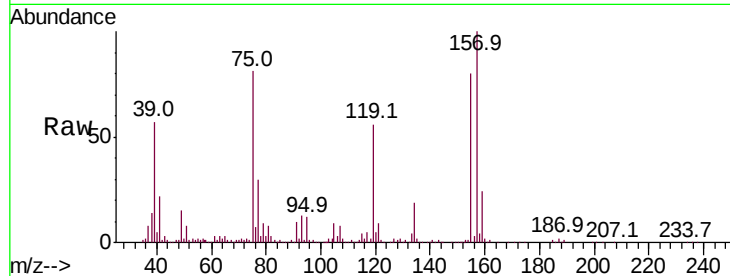
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.287 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010920.D
 Acq: 16 Jul 2019 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	88.3	48.7	146.1
157	114.2	62.5	187.6

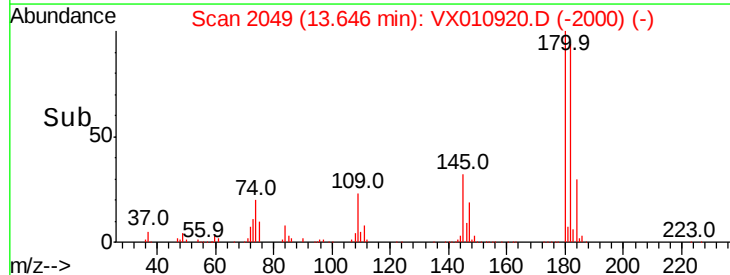
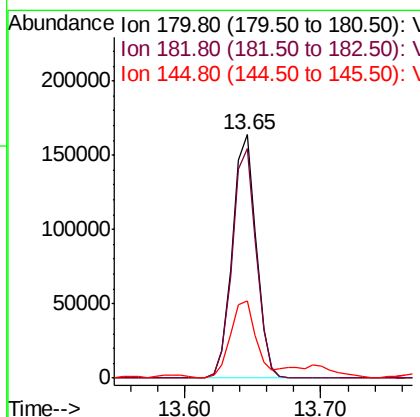
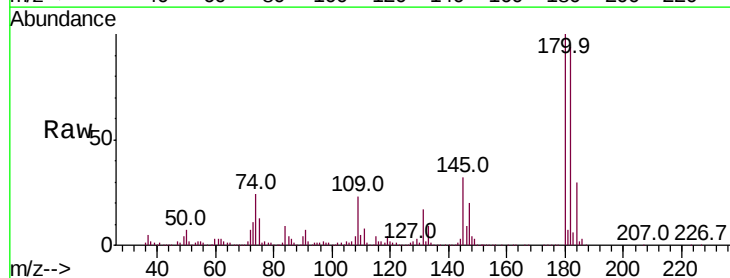
Manual Integrations
 APPROVED

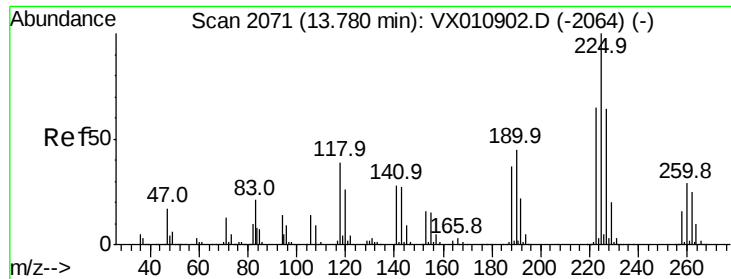
MMDadoda
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#93
 1,2,4-Trichlorobenzene
 Concen: 51.806 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010920.D
 Acq: 16 Jul 2019 20:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.1	141.3
145	34.7	14.8	44.4





#94

Hexachlorobutadiene

Concen: 48.533 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Instrument :

MSVOA_X

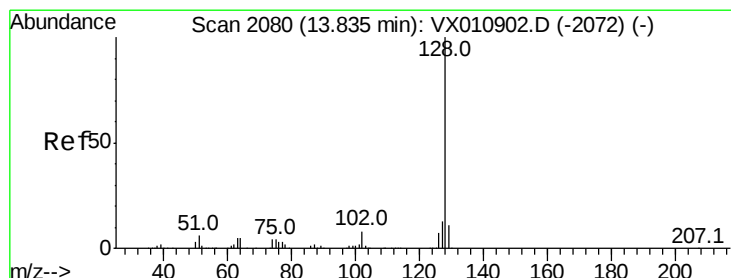
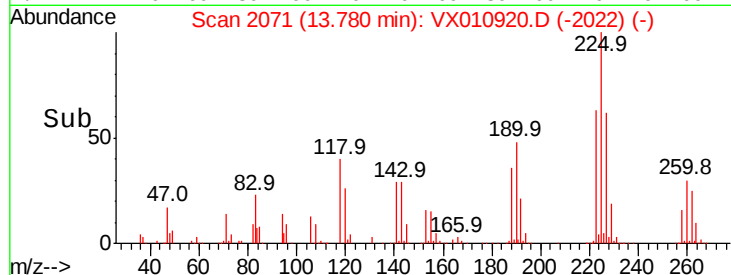
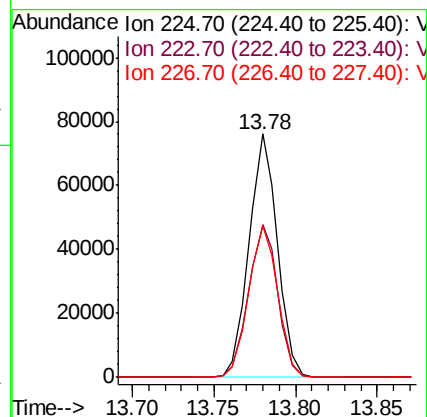
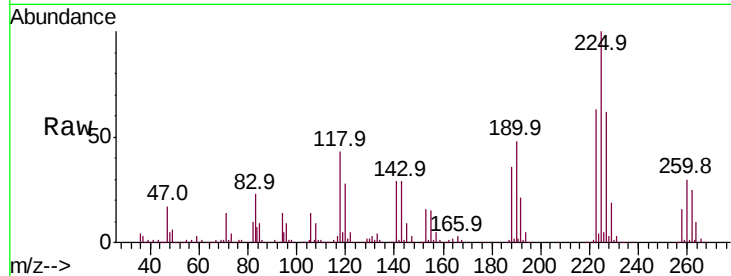
ClientSampled :

FL-0604MSD

Tot Ion:	225	Resp:	92461
Ion Ratio	Lower	Upper	
225	100		
223	64.3	31.9	95.9
227	63.7	32.5	97.4

Manual Integrations
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7/17/2019 1:23:19 PM



#95

Naphthalene

Concen: 69.489 ug/l

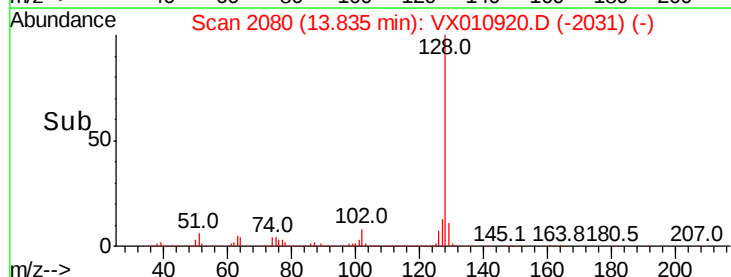
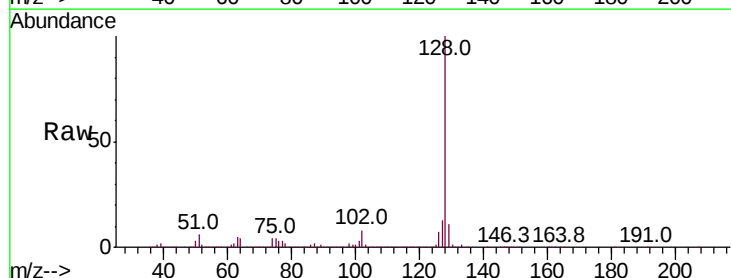
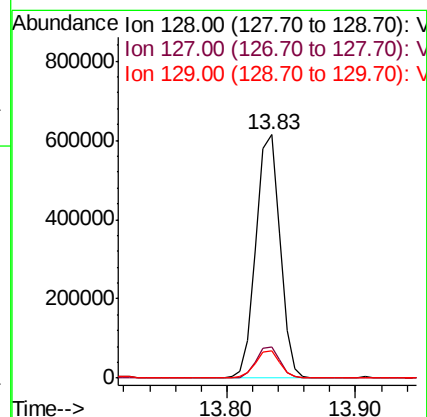
RT: 13.83 min Scan# 2080

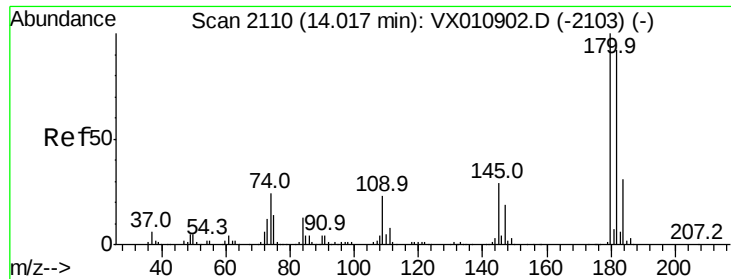
Delta R.T. -0.00 min

Lab File: VX010920.D

Acq: 16 Jul 2019 20:35

Tgt Ion:	128	Resp:	788867
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.4	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 51.964 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX010920.D
 Acq: 16 Jul 2019 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.9	47.4	142.3
145	36.1	15.1	45.3

Manual Integrations
 APPROVED

MMDadoda
 7/17/2019 1:23:19 PM

