

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100819\
 Data File : VX012926.D
 Acq On : 09 Oct 2019 06:38
 Operator : JC/SP
 Sample : K5190-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:39:21 AM

Quant Time: Oct 09 08:12:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	171096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	301238	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	268748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	126803	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	113519	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
35) Dibromofluoromethane	5.49	113	90788	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
50) Toluene-d8	8.71	98	343301	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.14	95	132361	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	92335	52.944	ug/l	99
3) Chloromethane	1.32	50	101259	53.350	ug/l	97
4) Vinyl Chloride	1.40	62	101966	52.049	ug/l	99
5) Bromomethane	1.63	94	38713	47.538	ug/l	100
6) Chloroethane	1.71	64	63649	53.165	ug/l	99
7) Trichlorofluoromethane	1.92	101	141190	53.397	ug/l	99
8) Diethyl Ether	2.18	74	57184	53.579	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	87507	51.135	ug/l	99
10) Methyl Iodide	2.50	142	105149	53.806	ug/l	98
11) Tert butyl alcohol	3.03	59	138310	243.979	ug/l	100
12) 1,1-Dichloroethene	2.36	96	90951	52.603	ug/l	98
13) Acrolein	2.28	56	88737	220.264	ug/l	99
14) Allyl chloride	2.72	41	157926	51.289	ug/l	99
15) Acrylonitrile	3.13	53	291770	271.590	ug/l	100
16) Acetone	2.44	43	251921	223.494	ug/l	100
17) Carbon Disulfide	2.56	76	248207	50.345	ug/l	100
18) Methyl Acetate	2.76	43	122686	45.920	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	329782	55.232	ug/l	99
20) Methylene Chloride	2.84	84	104292	50.345	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	98567	53.188	ug/l	96
22) Diisopropyl ether	3.84	45	323140	54.768	ug/l	94
23) Vinyl Acetate	3.80	43	1255094	246.413	ug/l	99
24) 1,1-Dichloroethane	3.69	63	181841	54.783	ug/l	98
25) 2-Butanone	4.66	43	398564	254.865	ug/l	99
26) 2,2-Dichloropropane	4.57	77	100833	36.125	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	113464	53.117	ug/l	97
28) Bromochloromethane	5.01	49	62462	63.084	ug/l	98
29) Tetrahydrofuran	5.11	42	259089	269.233	ug/l	99
30) Chloroform	5.20	83	180843	53.097	ug/l	94
31) Cyclohexane	5.57	56	162023	52.202	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	159154	55.150	ug/l	99
36) 1,1-Dichloropropene	5.79	75	135491	51.158	ug/l	99
37) Ethyl Acetate	4.83	43	138747	46.850	ug/l	99
38) Carbon Tetrachloride	5.78	117	137817	53.461	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	159150	49.550	ug/l	98
40) Benzene	6.13	78	413012	52.799	ug/l	98
41) Methacrylonitrile	5.03	41	85466	52.519	ug/l	98
42) 1,2-Dichloroethane	6.18	62	148161	52.785	ug/l	99
43) Isopropyl Acetate	6.43	43	234787	49.394	ug/l	99
44) Trichloroethene	7.21	130	106865	49.266	ug/l	94
45) 1,2-Dichloropropane	7.51	63	106698	53.518	ug/l	99
46) Dibromomethane	7.65	93	71161	53.573	ug/l	99
47) Bromodichloromethane	7.89	83	138863	53.570	ug/l	99
48) Methyl methacrylate	7.76	41	122487	52.879	ug/l	99
49) 1,4-Dioxane	7.73	88	57583	928.938	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	779797	263.124	ug/l	100
52) Toluene	8.78	92	260423	52.039	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	145604	45.226	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	158920	49.847	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	104341	52.685	ug/l	98
56) Ethyl methacrylate	9.17	69	172672	48.737	ug/l	99
57) 1,3-Dichloropropane	9.37	76	177922	51.935	ug/l	99
59) 2-Hexanone	9.49	43	598554	259.453	ug/l	100
60) Dibromochloromethane	9.57	129	107533	48.837	ug/l	98
61) 1,2-Dibromoethane	9.67	107	111478	53.509	ug/l	100
64) Tetrachloroethene	9.33	164	93433	50.124	ug/l	96
65) Chlorobenzene	10.14	112	272804	51.116	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	99324	53.676	ug/l	98
67) Ethyl Benzene	10.25	91	494290	52.141	ug/l	98
68) m/p-Xylenes	10.35	106	371963	105.029	ug/l	100
69) o-Xylene	10.70	106	180342	52.218	ug/l	98
70) Styrene	10.71	104	310946	52.962	ug/l	99
71) Bromoform	10.85	173	73909	47.081	ug/l #	100
73) Isopropylbenzene	11.01	105	483193	51.829	ug/l	100
74) N-amyl acetate	10.89	43	191350	47.657	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	162952	52.552	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	152821m	54.337	ug/l	
77) Bromobenzene	11.25	156	112149	51.049	ug/l	98
78) n-propylbenzene	11.35	91	534274	52.081	ug/l	98
79) 2-Chlorotoluene	11.42	91	330650	51.286	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	408457	52.470	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	45049	41.909	ug/l	99
82) 4-Chlorotoluene	11.51	91	379825	51.399	ug/l	100
83) tert-Butylbenzene	11.76	119	391626	51.572	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	412148	52.276	ug/l	100
85) sec-Butylbenzene	11.94	105	452623	51.448	ug/l	98
86) p-Isopropyltoluene	12.06	119	417796	51.204	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	201713	49.444	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	201221	48.701	ug/l	99
89) n-Butylbenzene	12.38	91	345846	50.433	ug/l	99
90) Hexachloroethane	12.59	117	72320	47.946	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	202559	50.646	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38789	53.372	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	120939	48.271	ug/l	98

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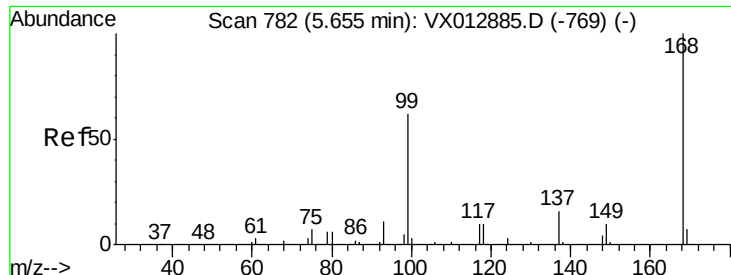
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	53571	46.332	ug/l	100
95) Naphthalene	13.83	128	441947	50.886	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	126184	48.737	ug/l	100

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



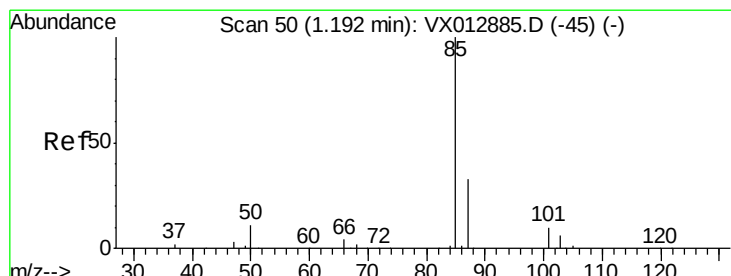
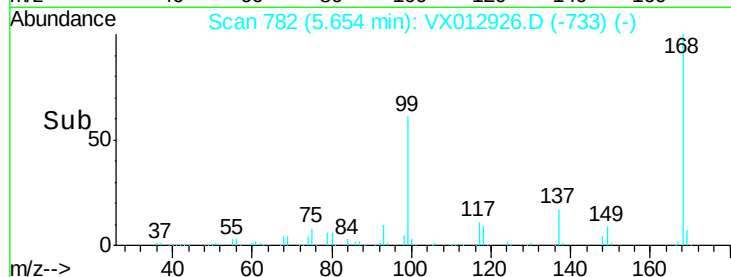
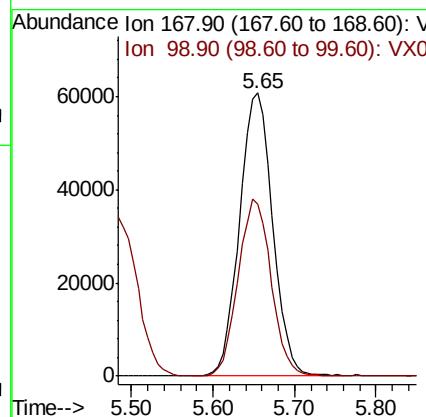
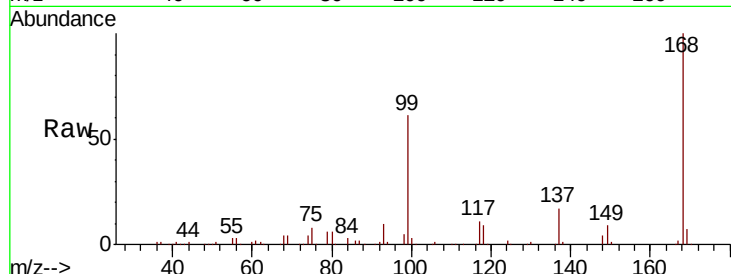
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

Tot Ion	Ion	Ratio	Lower	Upper
168	100			
99	60.7	49.4	74.0	

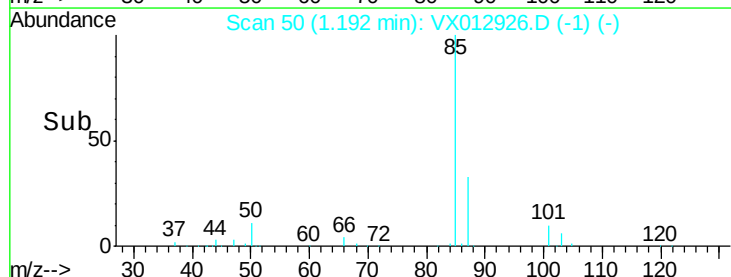
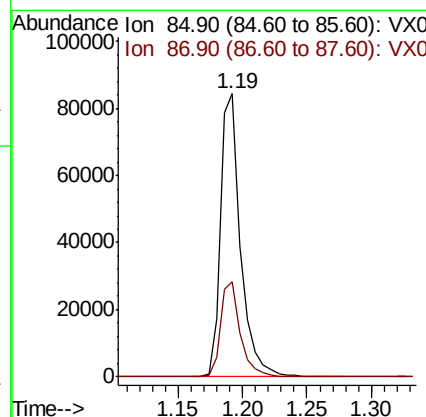
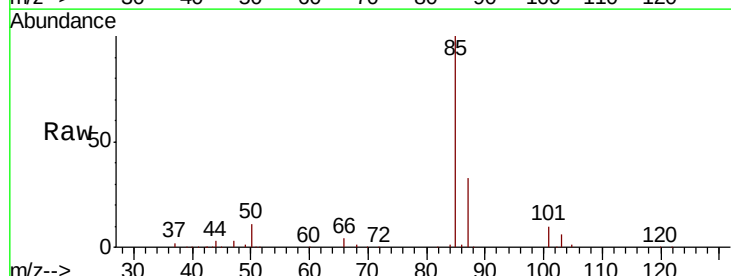
Manual Integrations
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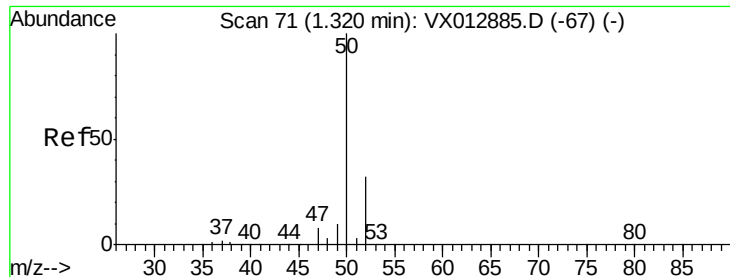
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#2
Dichlorodifluoromethane
Concen: 52.944 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion	Ion	Ratio	Lower	Upper
85	100			
87	33.4	16.4	49.4	





#3

Chloromethane

Concen: 53.350 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MSD

Tot Ion: 50 Resp: 101259

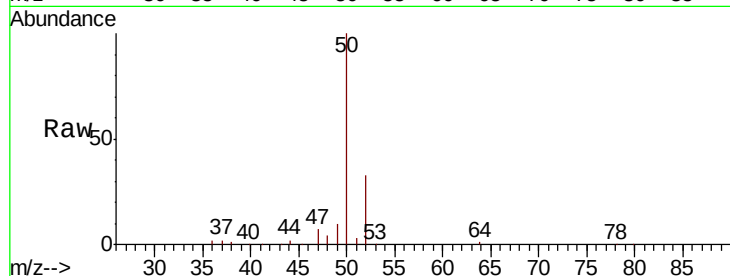
Ion Ratio Lower Upper

50 100

52 32.9 25.2 37.8

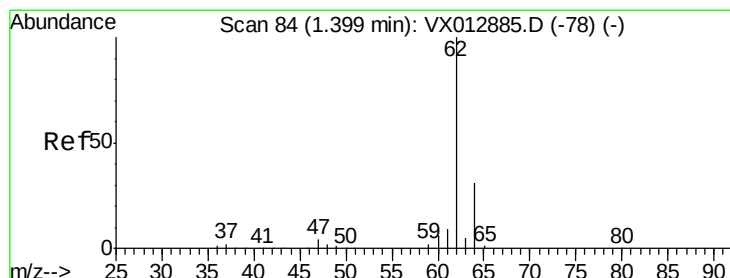
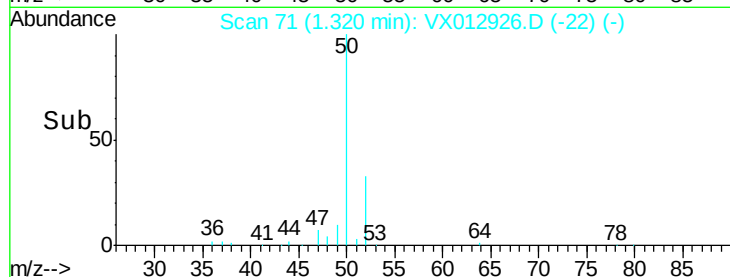
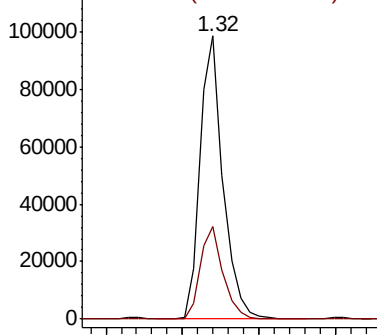
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.049 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012926.D

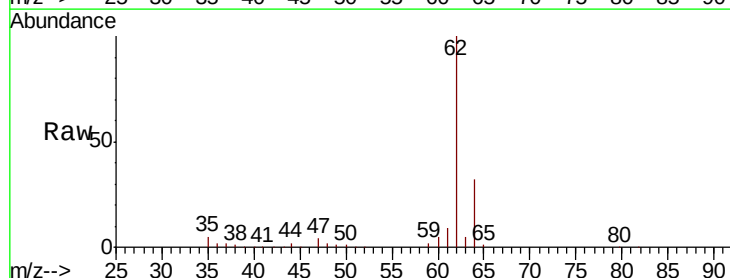
Acq: 09 Oct 2019 06:38

Tgt Ion: 62 Resp: 101966

Ion Ratio Lower Upper

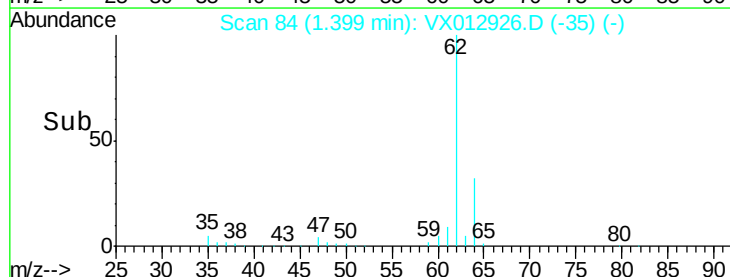
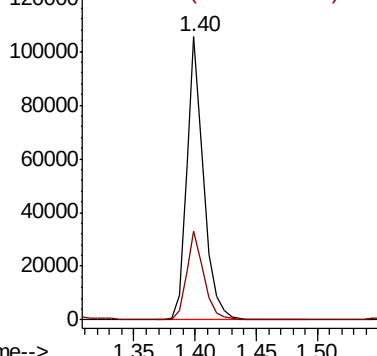
62 100

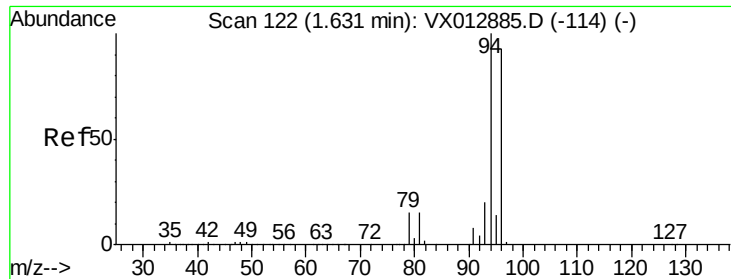
64 31.3 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.538 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MSD

Tot Ion: 94 Resp: 38713

Ion Ratio Lower Upper

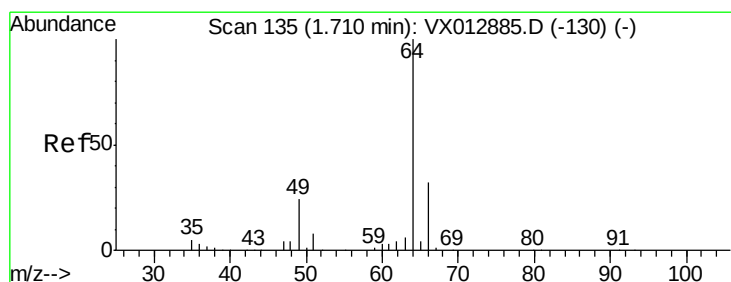
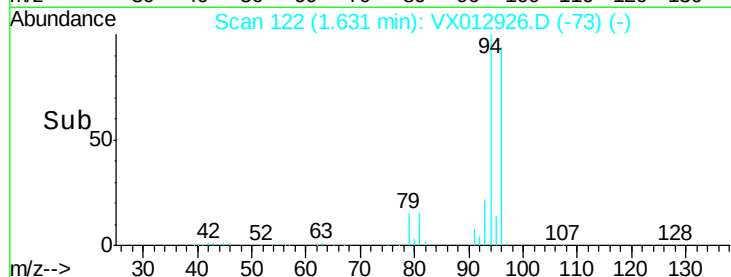
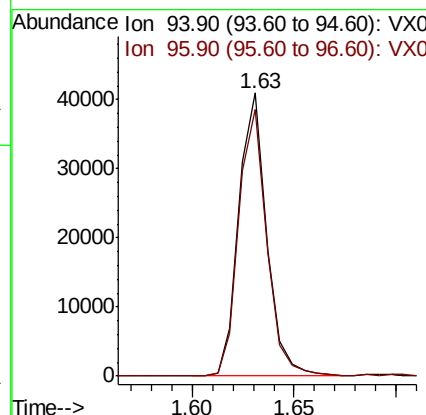
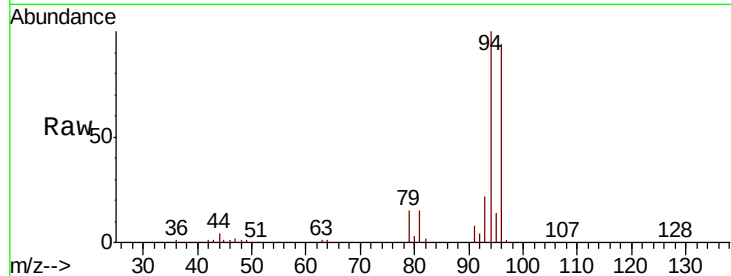
94 100

96 93.8 74.7 112.1

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#6

Chloroethane

Concen: 53.165 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012926.D

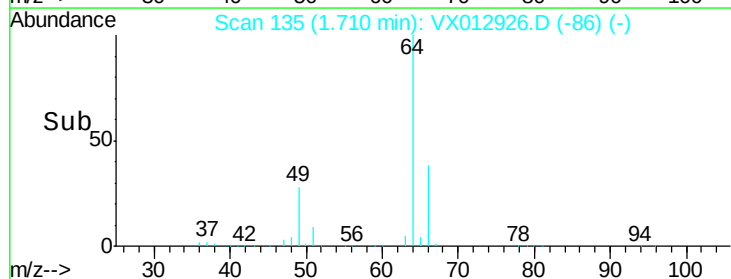
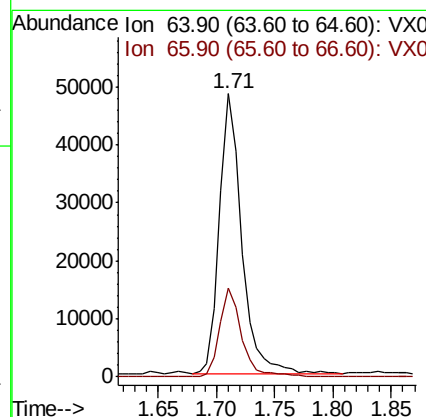
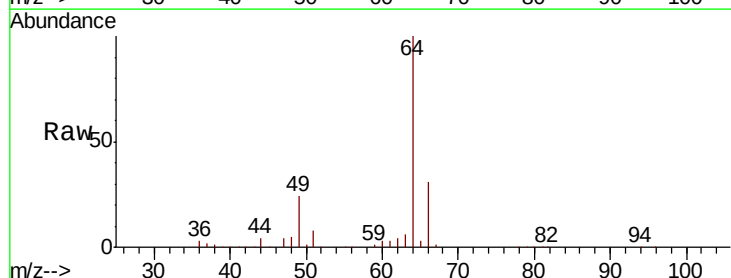
Acq: 09 Oct 2019 06:38

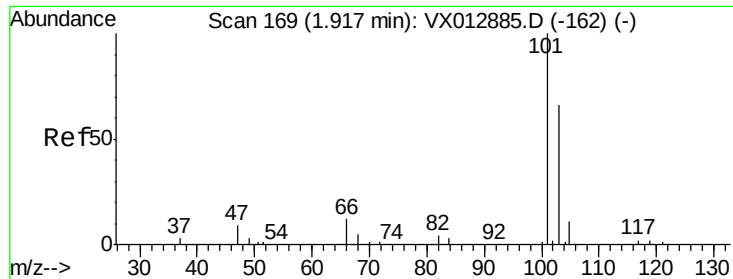
Tgt Ion: 64 Resp: 63649

Ion Ratio Lower Upper

64 100

66 31.6 25.6 38.4





#7

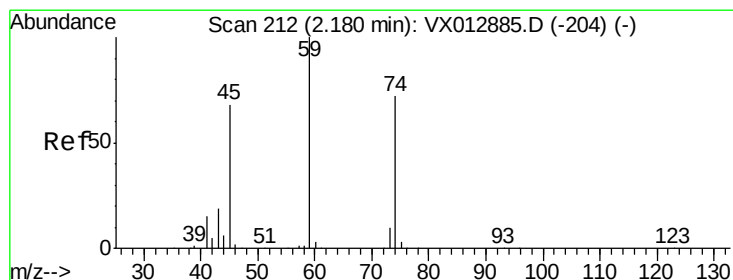
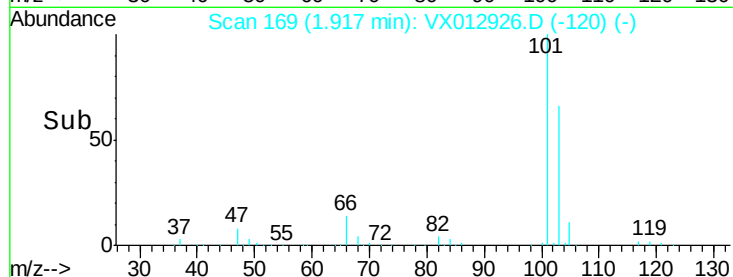
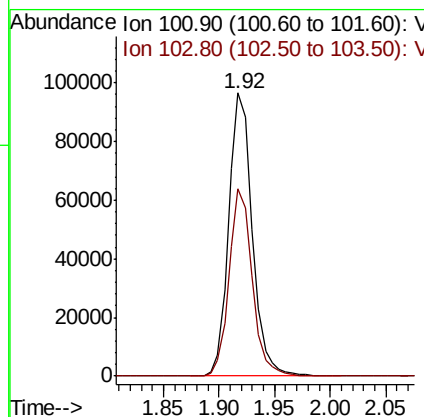
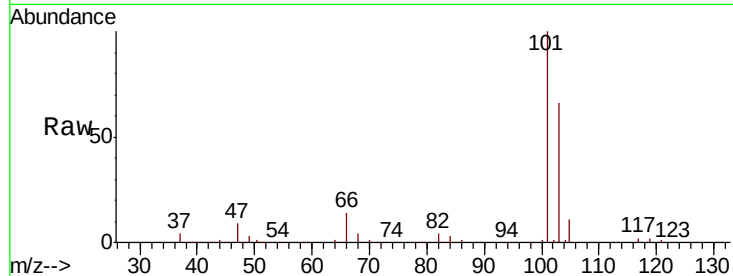
Trichlorofluoromethane
Concen: 53.397 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		141190		
103	66.3	52.5	78.7		

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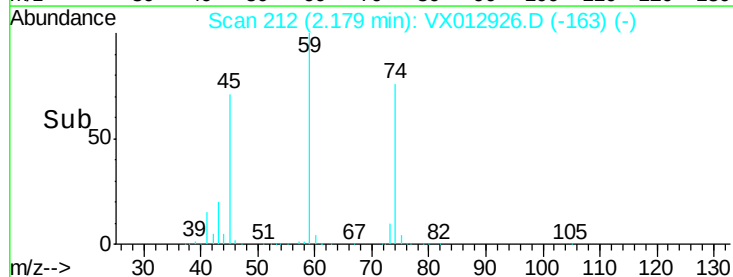
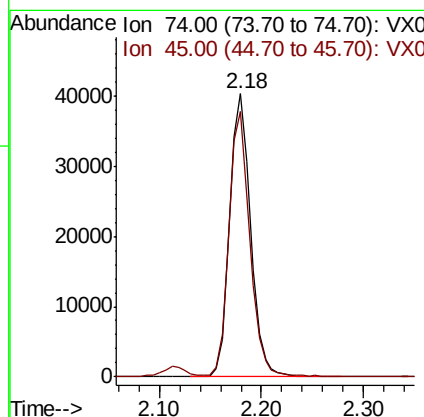
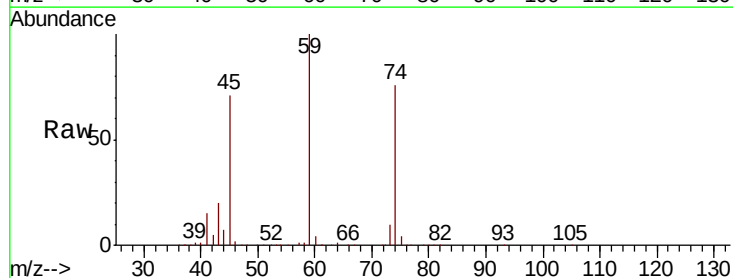
MMDadoda
10/9/2019 10:39:21 AM

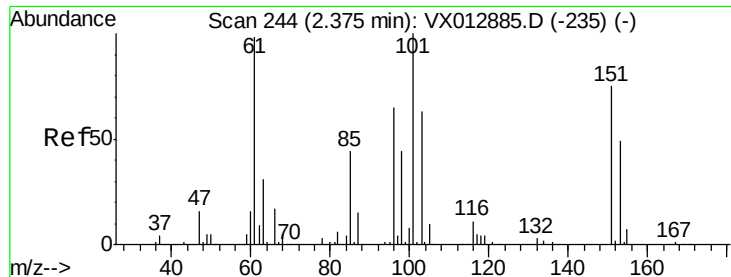


#8

Diethyl Ether
Concen: 53.579 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		57184		
45	93.6	47.8	143.4		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.135 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

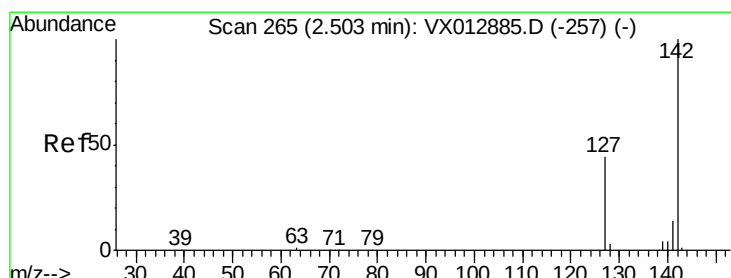
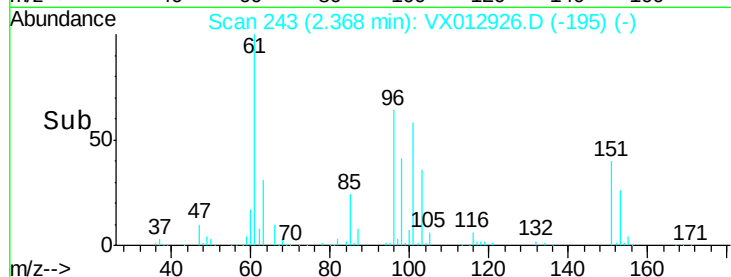
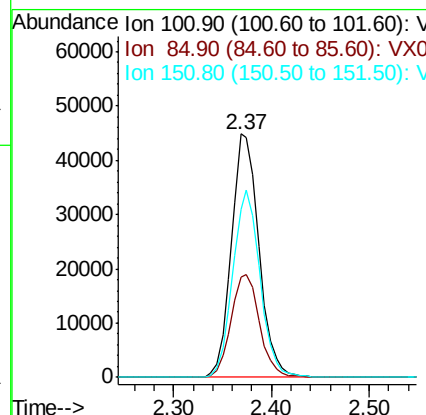
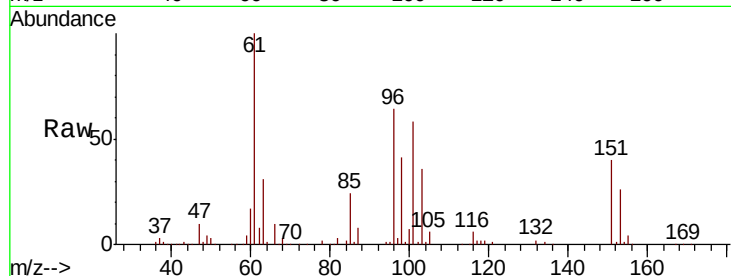
ClientSampleId :

FC-MW10S-20191002MSD

Tot Ion:	101	Resp:	87507
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.2	52.8
151	76.0	60.3	90.5

Manual Integrations
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10/9/2019 10:39:21 AM



#10

Methyl Iodide

Concen: 53.806 ug/l

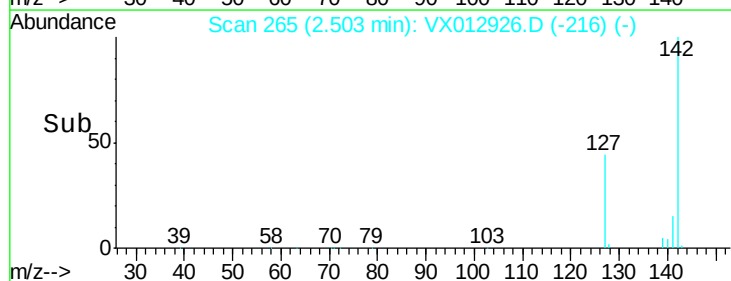
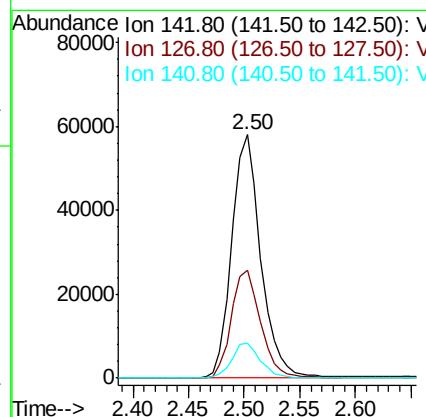
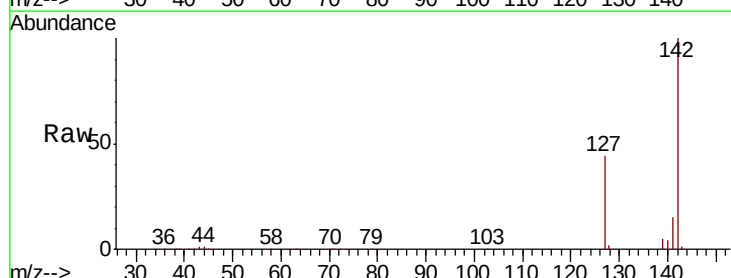
RT: 2.50 min Scan# 265

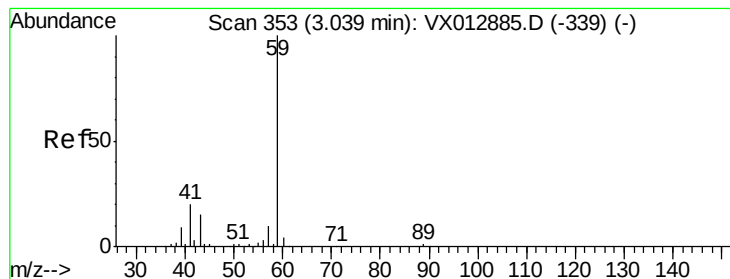
Delta R.T. 0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Tgt Ion:	142	Resp:	105149
Ion Ratio	Lower	Upper	
142	100		
127	45.1	34.9	52.3
141	14.3	11.6	17.4





#11

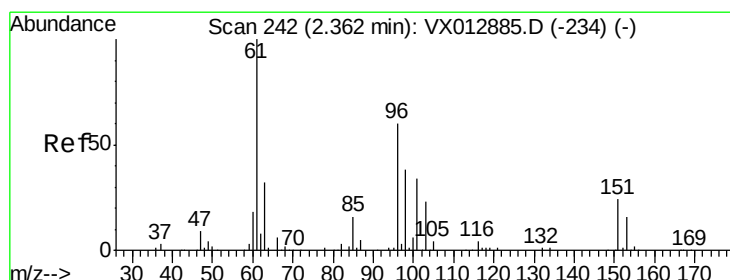
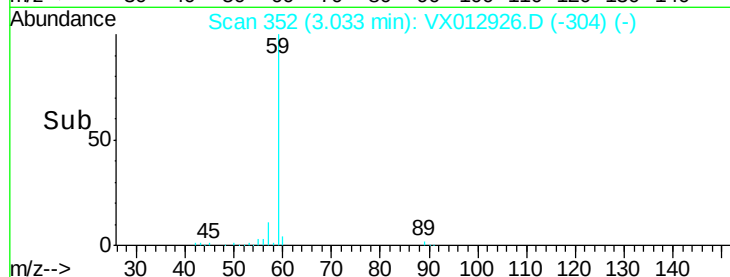
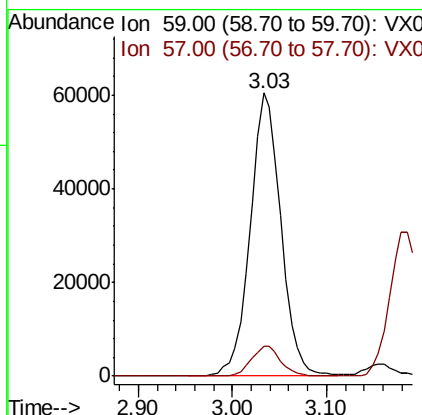
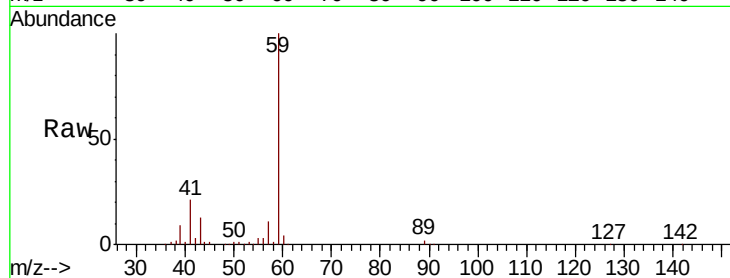
Tert butyl alcohol
 Concen: 243.979 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

Tot Ion	59	Resp	138310
Ion Ratio	100	Lower	Upper
57	10.3	8.3	12.5

Manual Integrations
 APPROVED

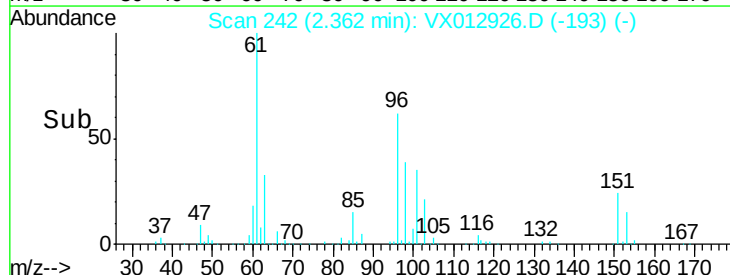
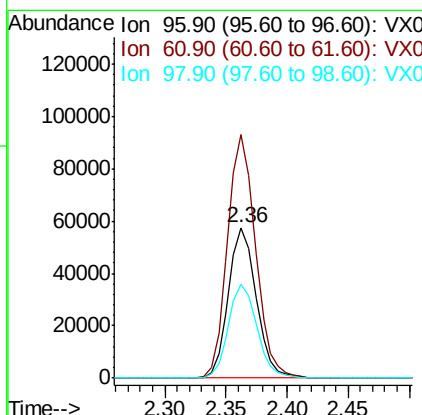
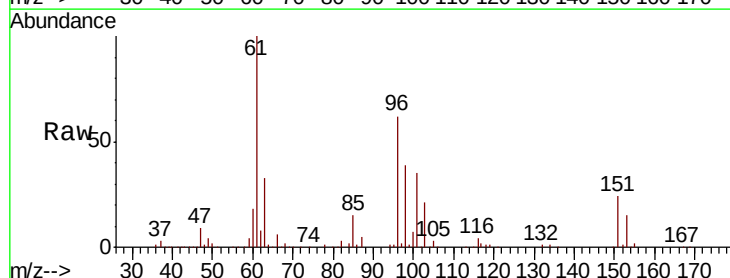
MMDadoda
 10/9/2019 10:39:21 AM

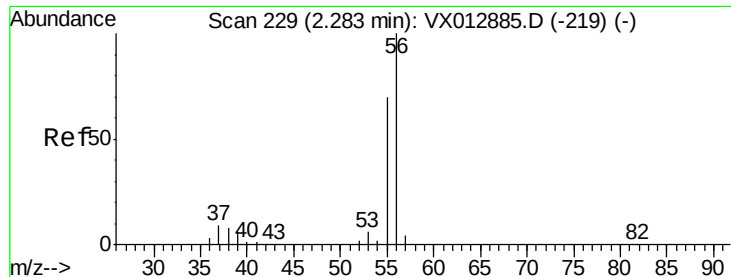


#12

1,1-Dichloroethene
 Concen: 52.603 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Tgt Ion	96	Resp	90951
Ion Ratio	100	Lower	Upper
61	162.0	132.2	198.4
98	62.6	50.5	75.7





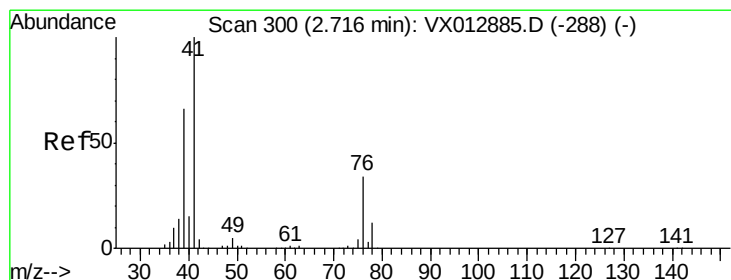
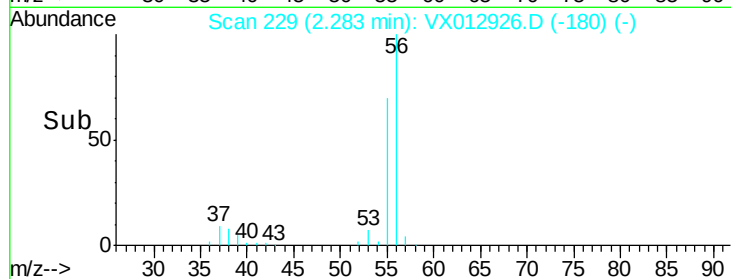
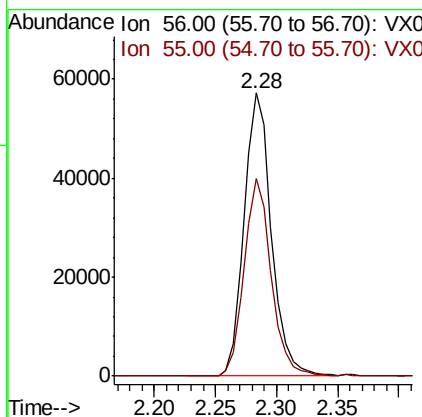
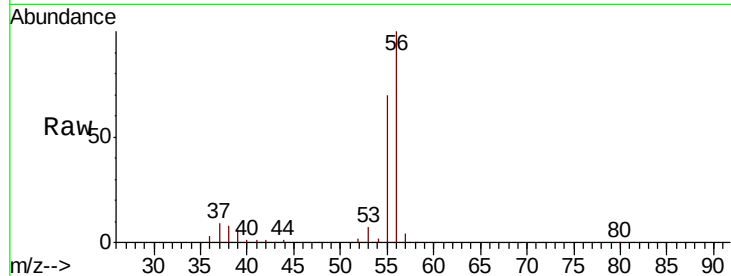
#13
Acrolein
Concen: 220.264 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

Tot Ion	56	55	Ratio	100	Resp	88737	Lower	Upper
56	100							
55	70.0				56.6		85.0	

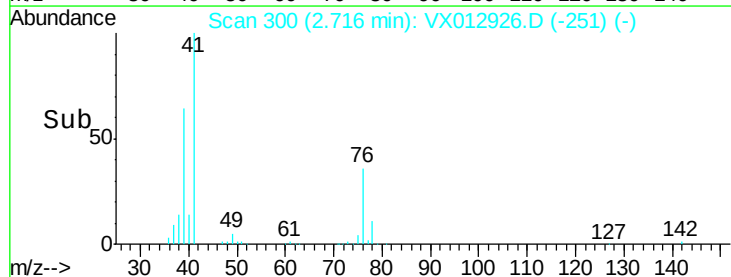
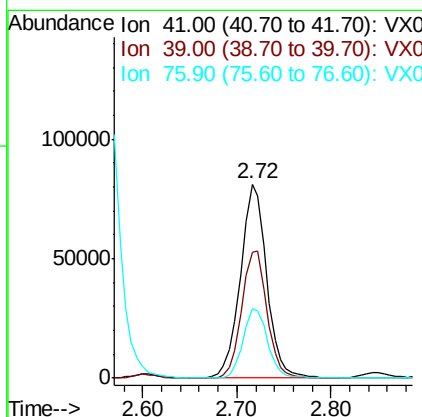
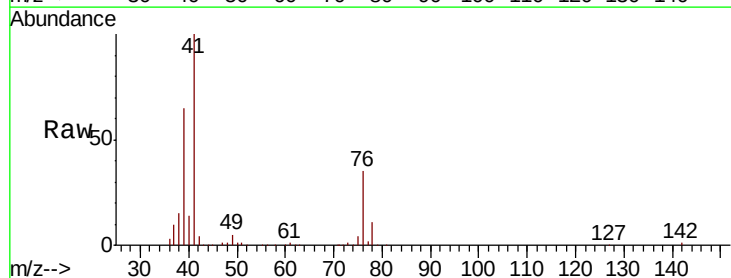
Manual Integrations
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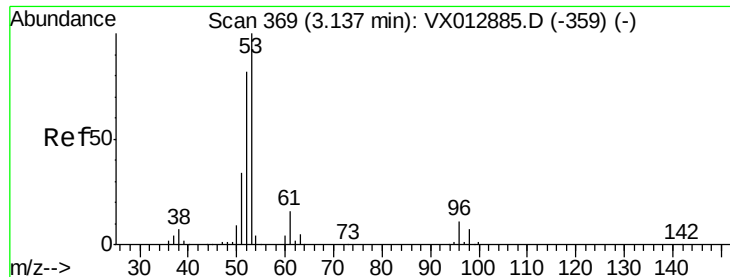
MMDadoda
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#14
Allyl chloride
Concen: 51.289 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion	41	39	76	Ratio	100	Resp	157926	Lower	Upper
41	100								
39	62.9				51.0		76.6		
76	33.2				26.2		39.4		





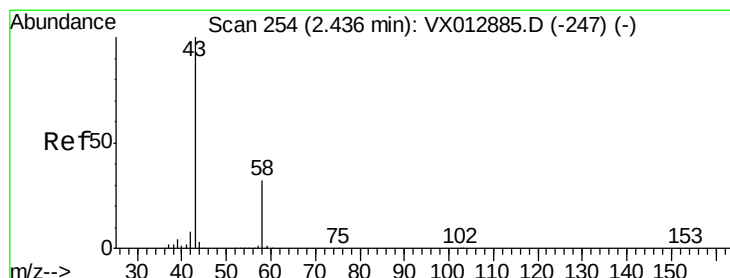
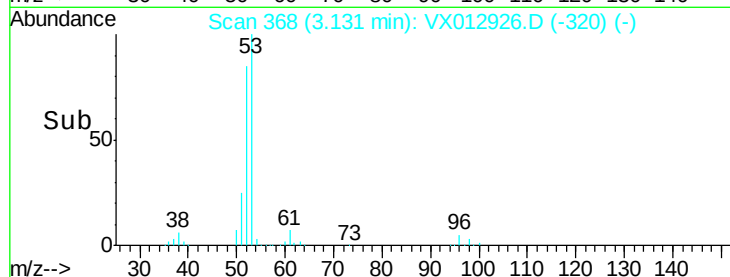
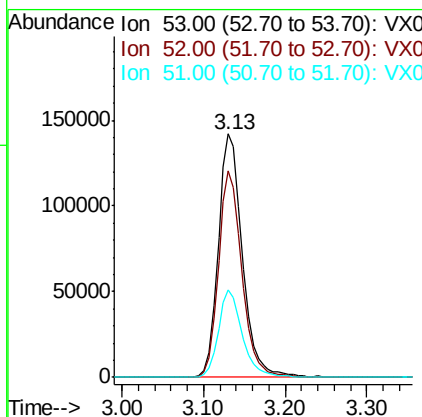
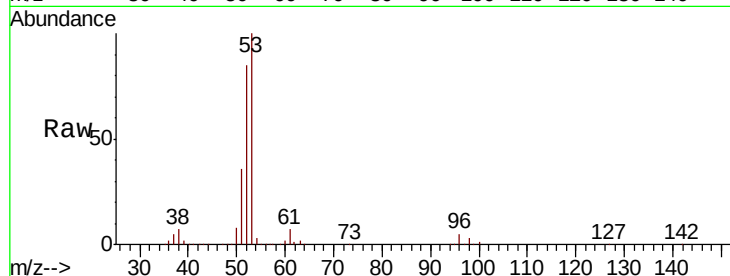
#15
 Acrylonitrile
 Concen: 271.590 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.2
51	35.9	28.2	42.4

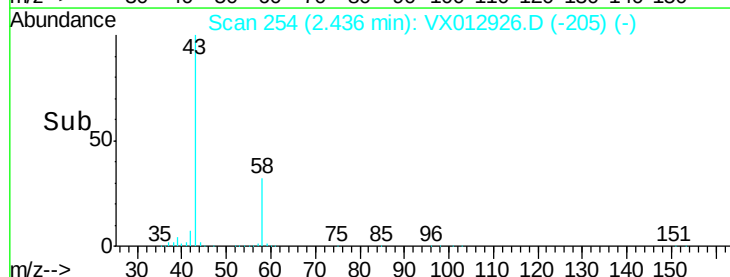
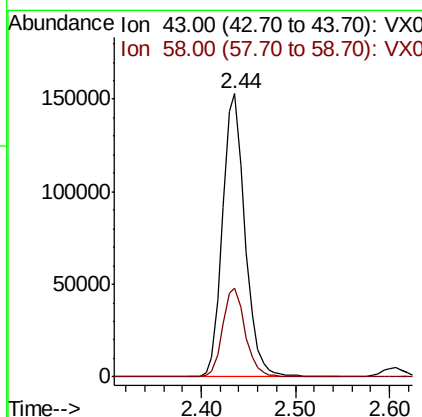
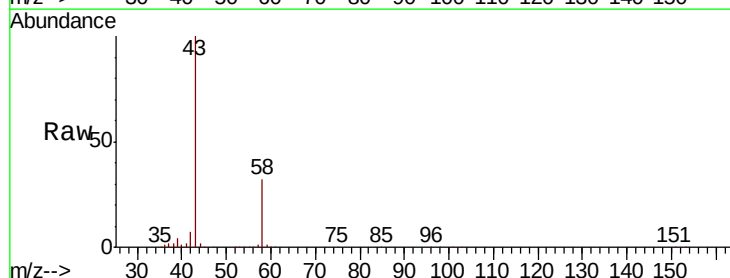
Manual Integrations
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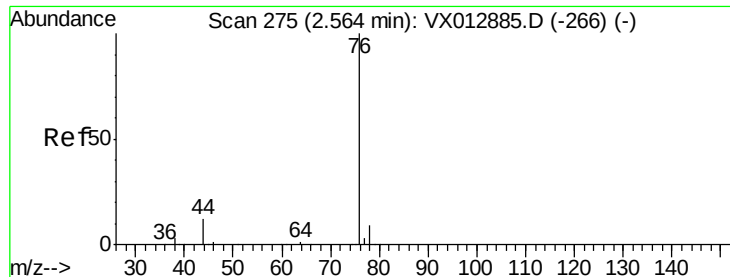
MMDadoda
 10/9/2019 10:39:21 AM



#16
 Acetone
 Concen: 223.494 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.6	25.4	38.2





#17

Carbon Disulfide

Concen: 50.345 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MSD

Tot Ion: 76 Resp: 248207

Ion Ratio Lower Upper

76 100

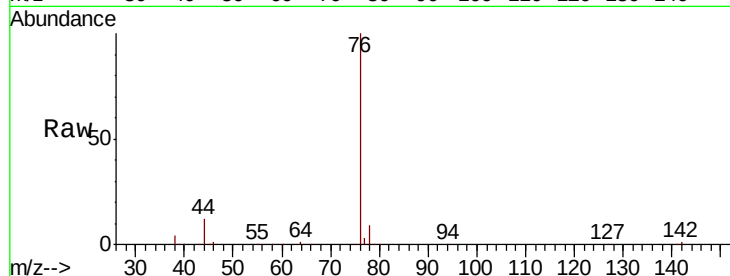
78 8.7 7.1 10.7

Manual Integrations

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10/9/2019 10:39:21 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

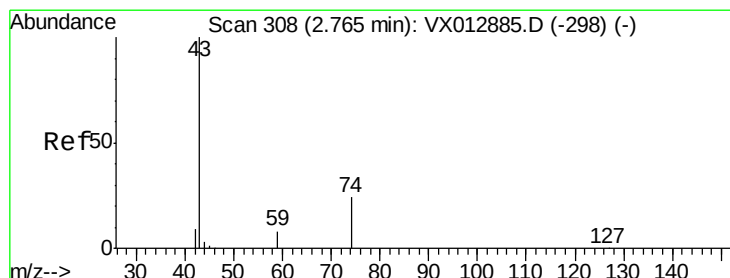
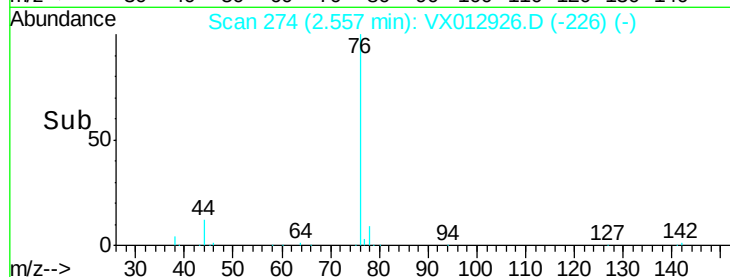
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 45.920 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX012926.D

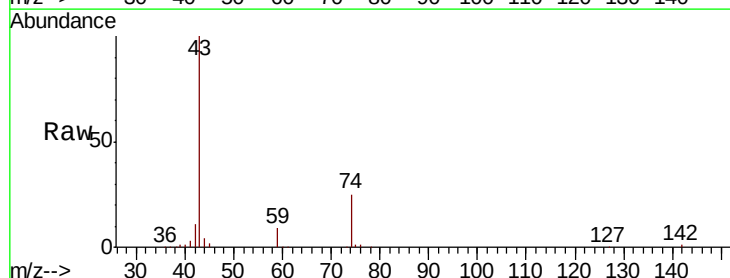
Acq: 09 Oct 2019 06:38

Tgt Ion: 43 Resp: 122686

Ion Ratio Lower Upper

43 100

74 24.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

80000

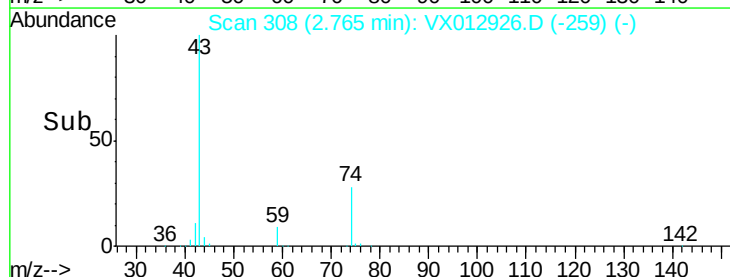
60000

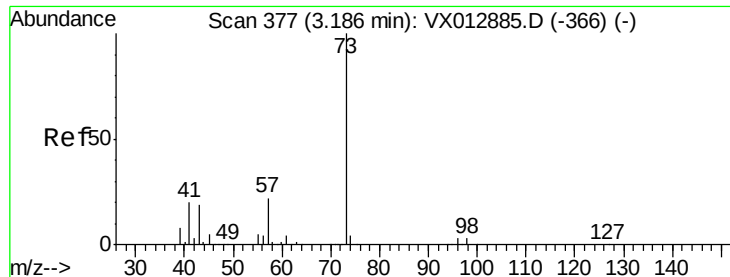
40000

20000

0

Time-->





#19

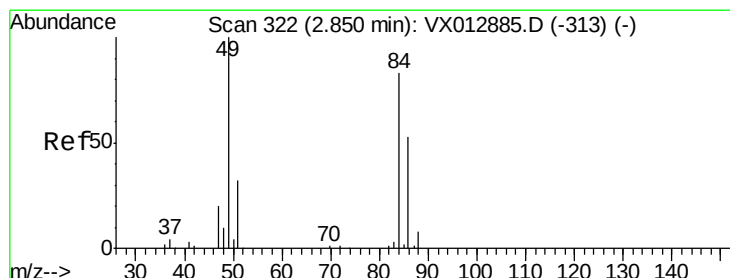
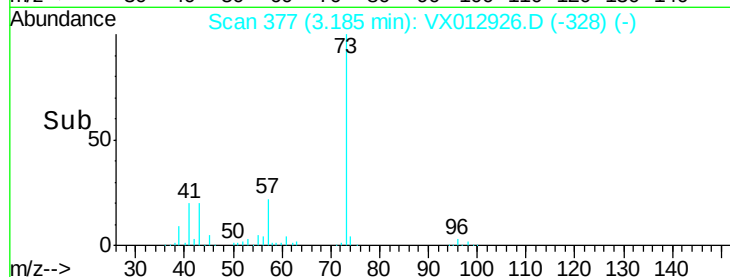
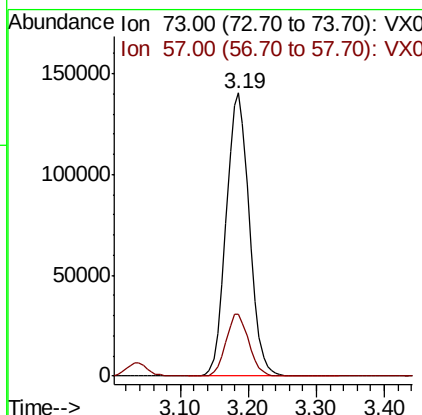
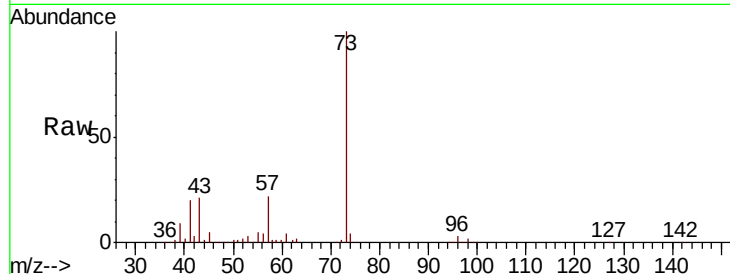
Methvl tert-butyl Ether
 Concen: 55.232 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.8	26.6

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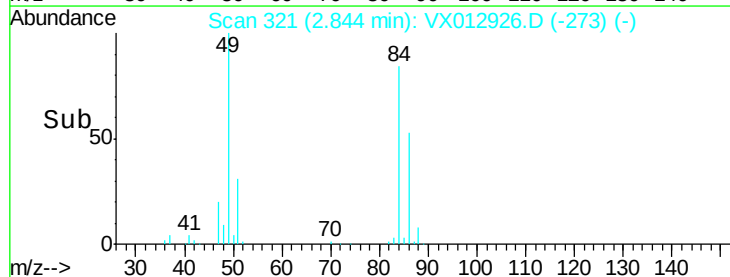
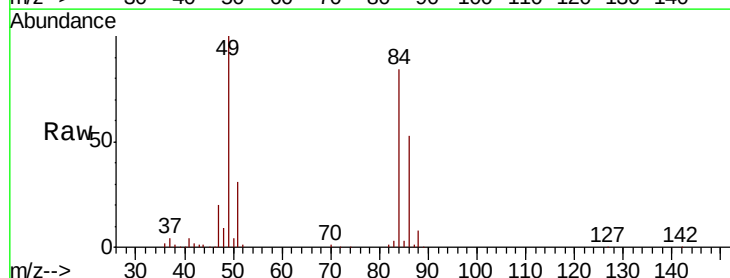
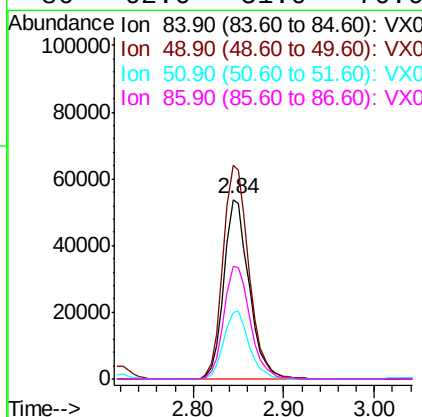
MMDadoda
 10/9/2019 10:39:21 AM

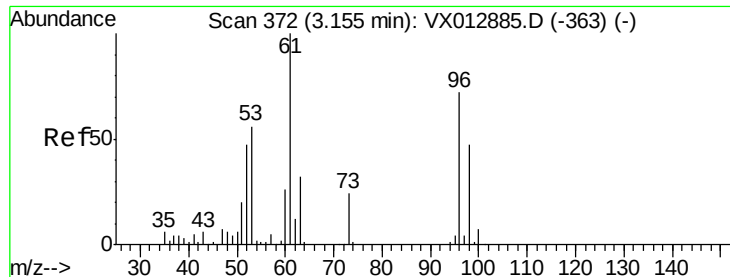


#20

Methylene Chloride
 Concen: 50.345 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.8	96.6	144.8
51	37.0	30.7	46.1
86	62.6	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 53.188 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

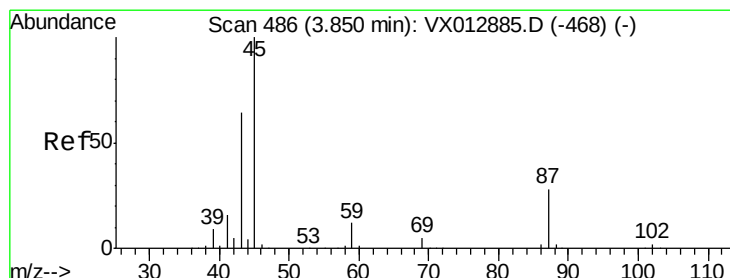
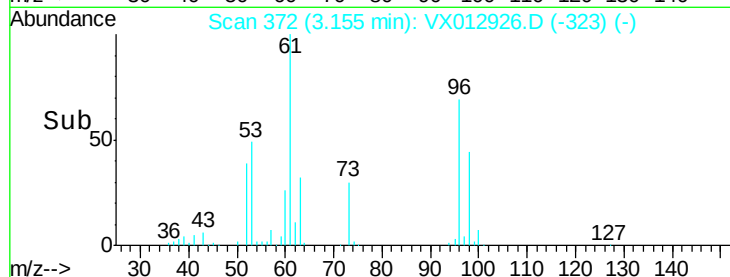
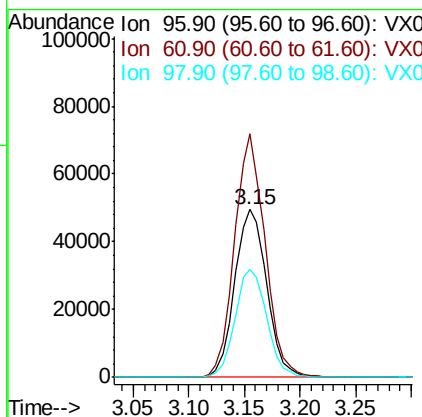
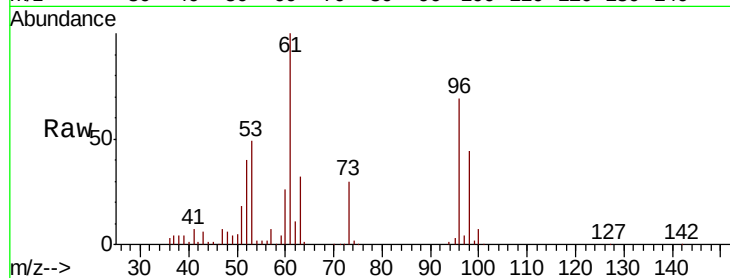
ClientSampleId :

FC-MW10S-20191002MSD

Tot Ion:	96	Resp:	98567
Ion	Ratio	Lower	Upper
96	100		
61	145.0	110.4	165.6
98	64.5	51.5	77.3

Manual Integrations
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MMDadoda
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#22

Diisopropyl ether

Concen: 54.768 ug/l

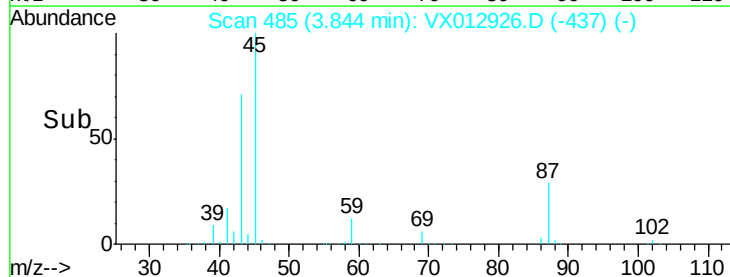
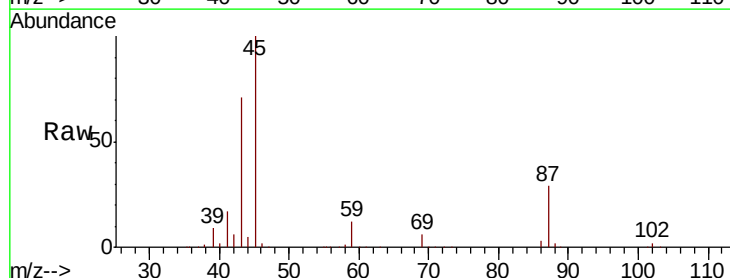
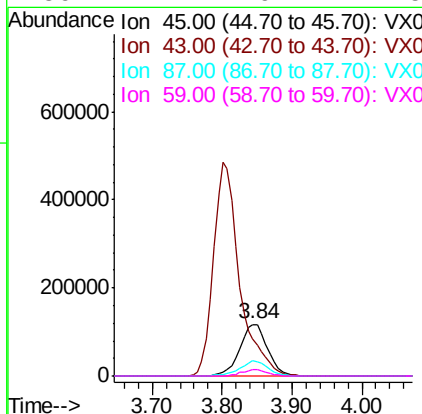
RT: 3.84 min Scan# 485

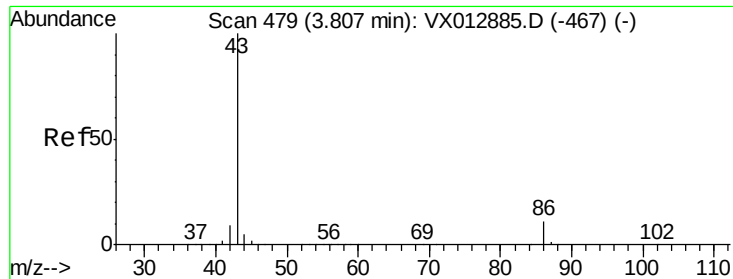
Delta R.T. -0.01 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Tgt Ion:	45	Resp:	323140
Ion	Ratio	Lower	Upper
45	100		
43	70.9	51.4	77.0
87	28.6	22.5	33.7
59	12.1	9.7	14.5





#23

Vinyl Acetate

Concen: 246.413 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MSD

Tot Ion: 43 Resp: 1255094

Ion Ratio Lower Upper

43 100

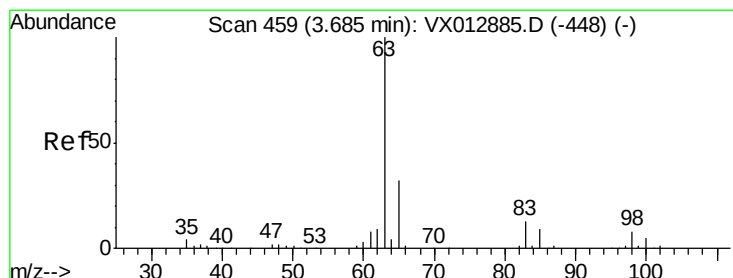
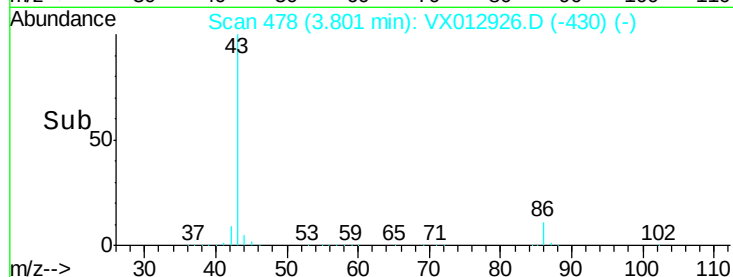
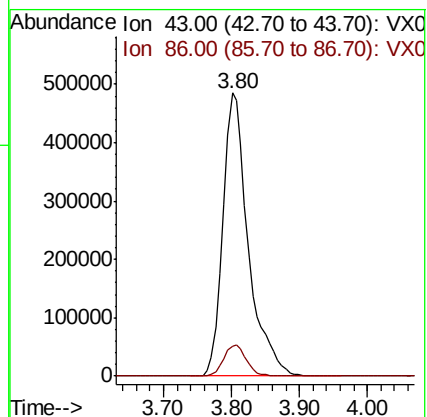
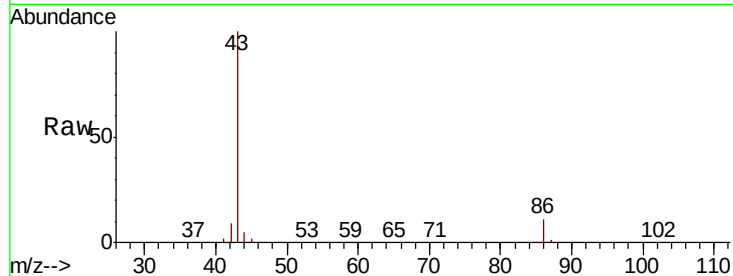
86 10.8 9.0 13.6

Manual Integrations

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MMDadoda

10/9/2019 10:39:21 AM



#24

1,1-Dichloroethane

Concen: 54.783 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

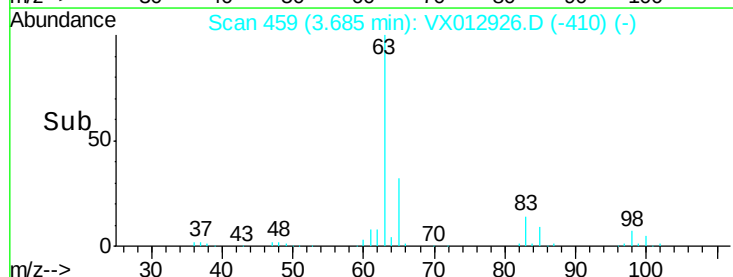
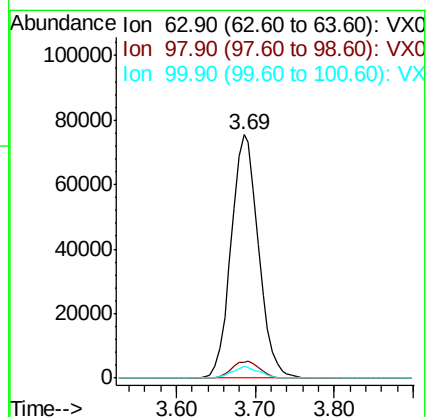
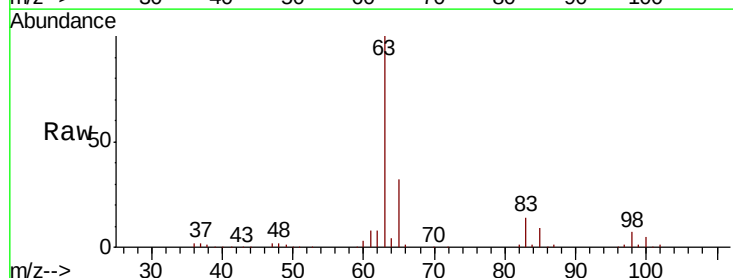
Tgt Ion: 63 Resp: 181841

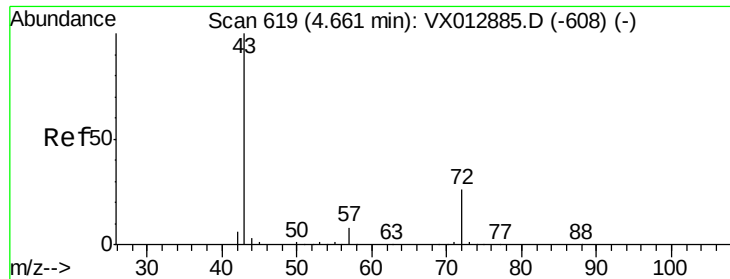
Ion Ratio Lower Upper

63 100

98 6.6 3.9 11.5

100 5.1 2.3 6.9





#25

2-Butanone

Concen: 254.865 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MSD

Tot Ion: 43 Resp: 398564

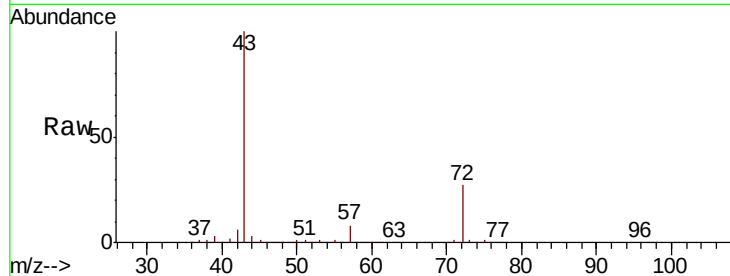
Ion Ratio Lower Upper

43 100

72 26.8 21.0 31.6

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

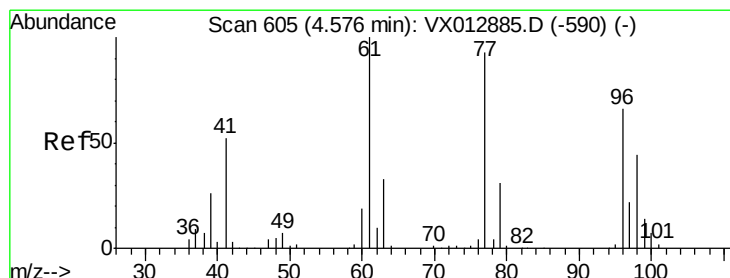
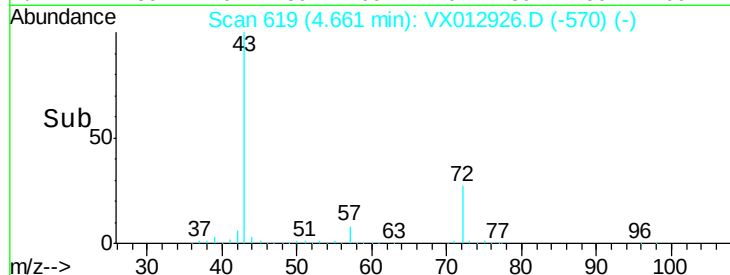
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 36.125 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012926.D

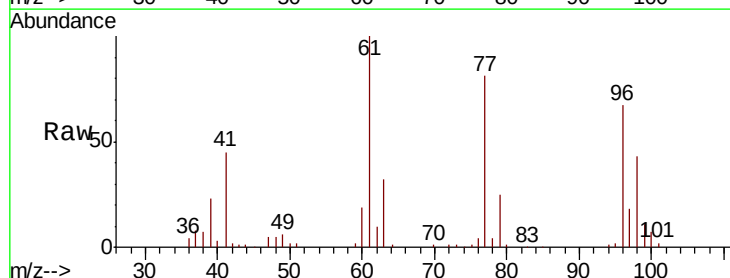
Acq: 09 Oct 2019 06:38

Tgt Ion: 77 Resp: 100833

Ion Ratio Lower Upper

77 100

97 24.7 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

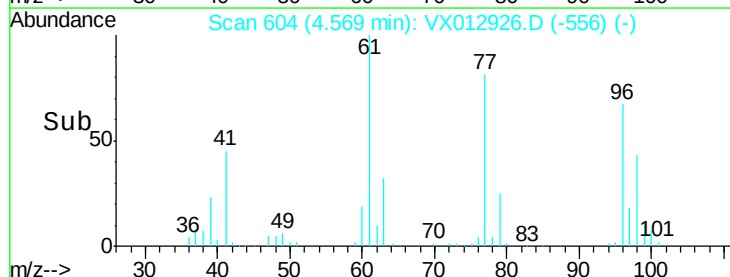
20000

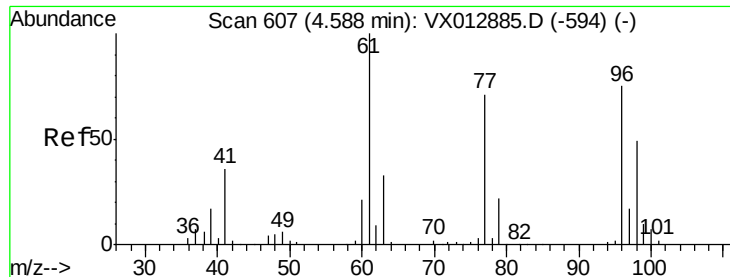
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

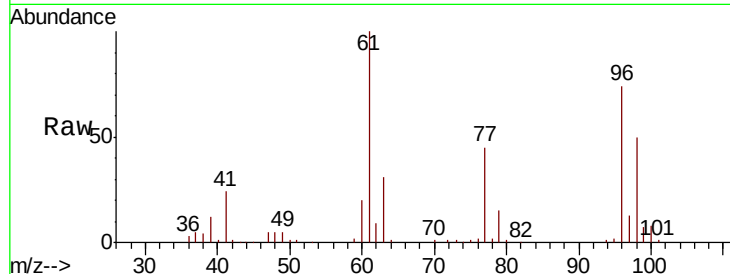
cis-1,2-Dichloroethene
Concen: 53.117 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

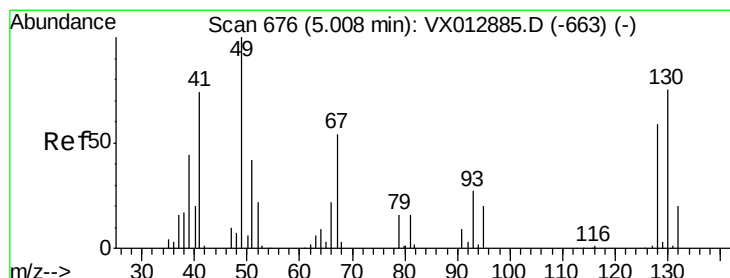
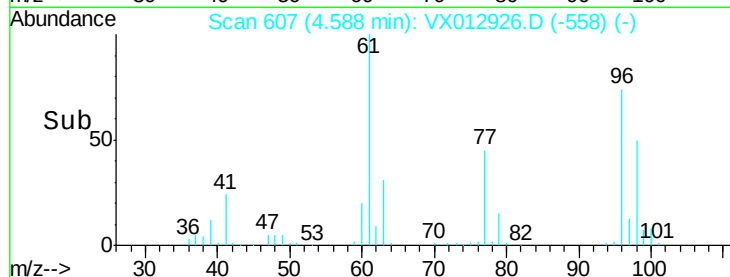
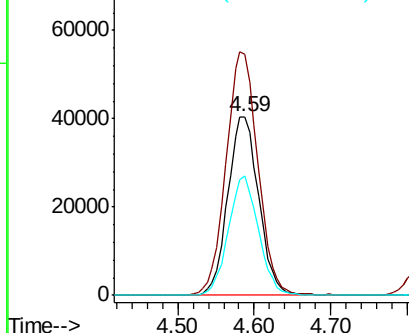
Tot Ion	Ratio	Resp	Lower	Upper
96	100	113464		
61	139.9	0.0	290.6	
98	64.8	0.0	128.8	

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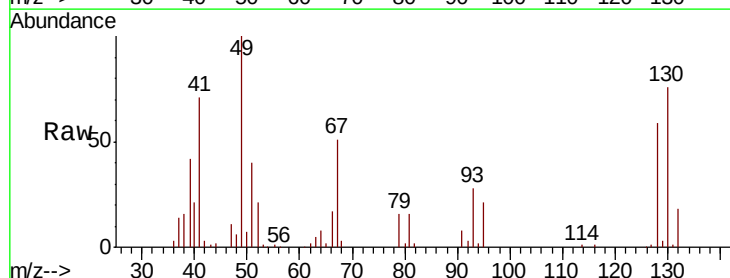
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



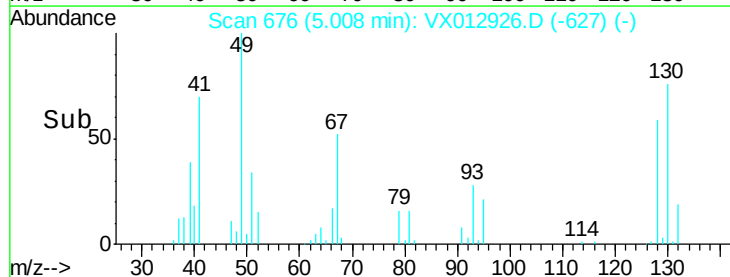
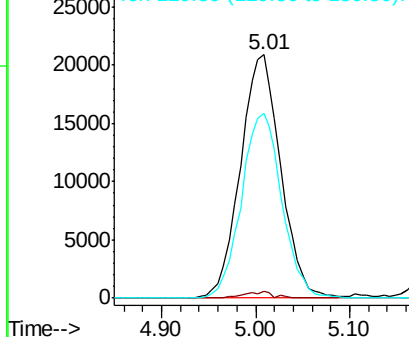
#28

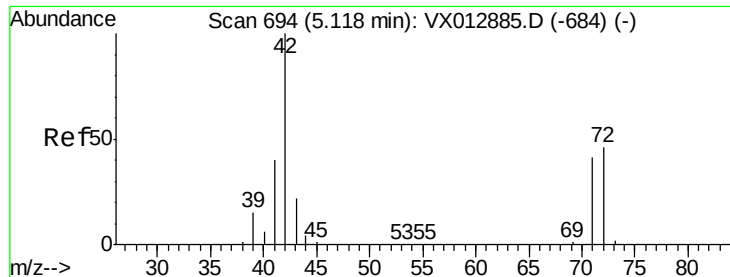
Bromochloromethane
Concen: 63.084 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	62462		
129	1.9	0.0	4.2	
130	76.1	62.1	93.1	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





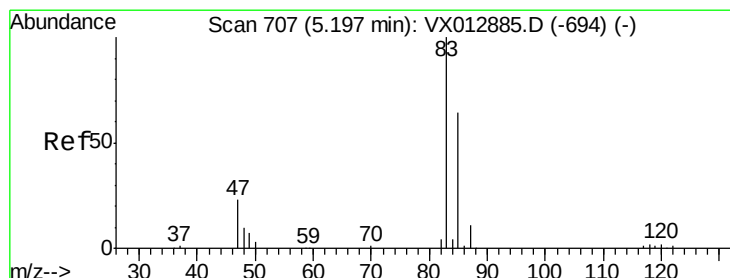
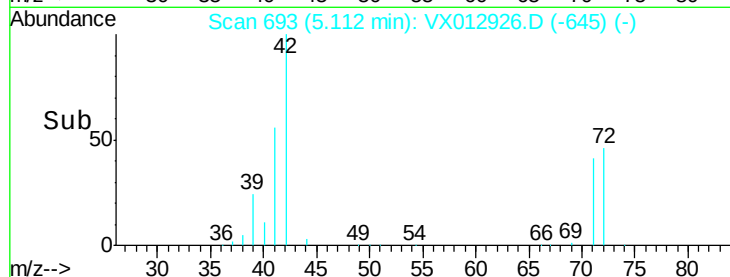
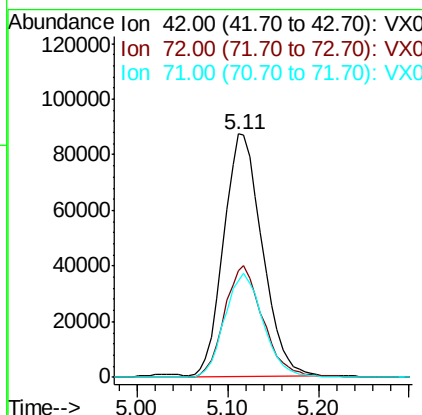
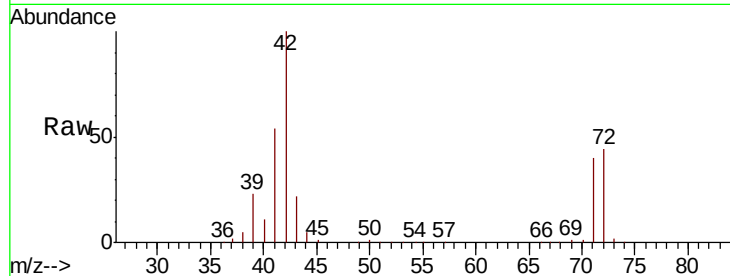
#29
Tetrahydrofuran
Concen: 269.233 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.0	36.9	55.3
71	42.8	33.5	50.3

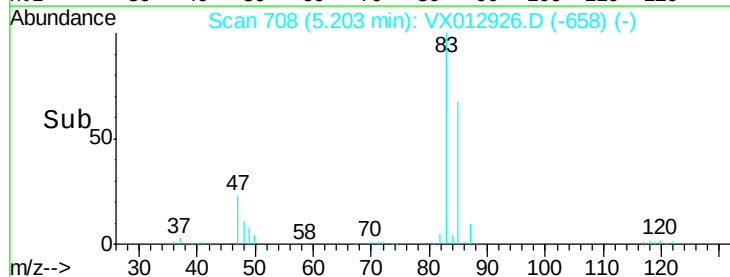
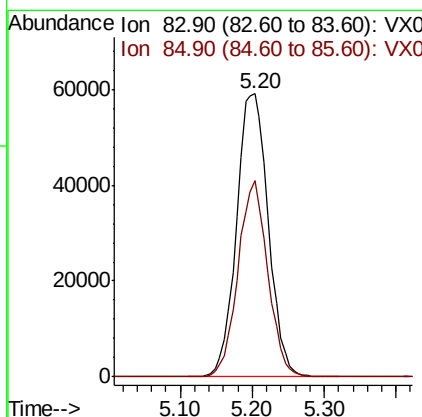
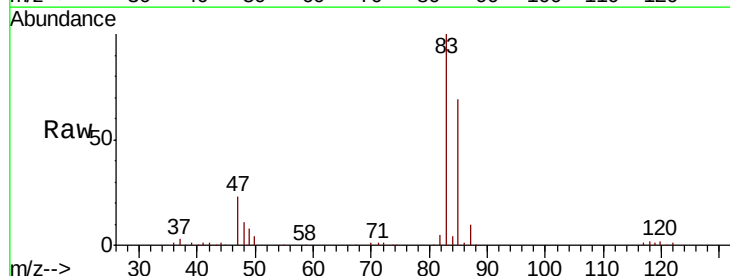
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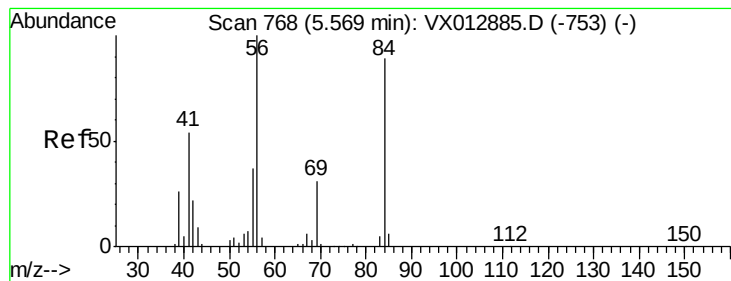
MMDadoda
10/9/2019 10:39:21 AM



#30
Chloroform
Concen: 53.097 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.2	51.5	77.3





#31

Cyclohexane

Concen: 52.202 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

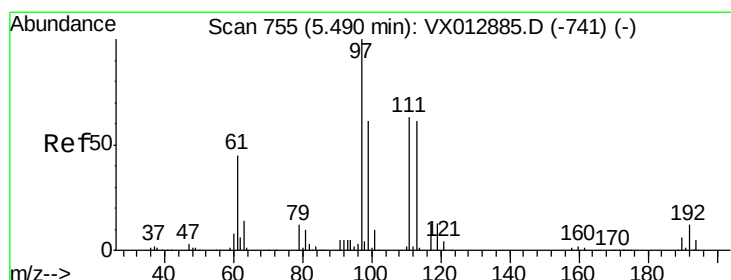
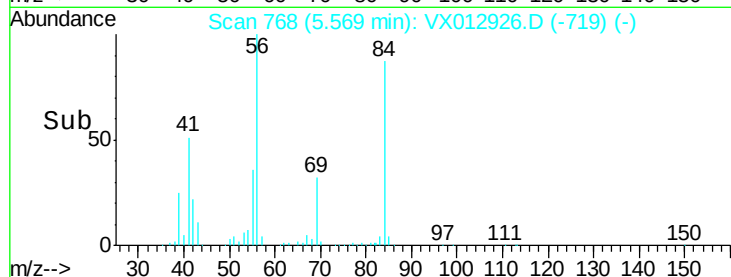
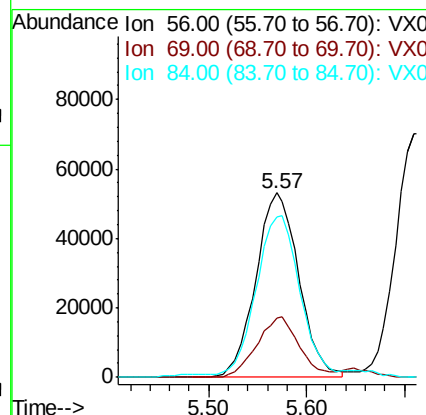
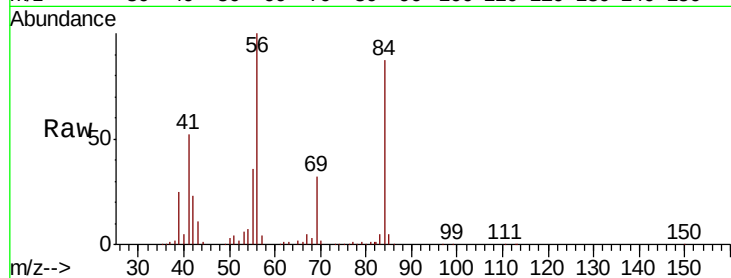
ClientSampleId :

FC-MW10S-20191002MSD

Tot Ion:	56	Resp:	162023
Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.2	37.8
84	85.3	71.3	106.9

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#32

1,1,1-Trichloroethane

Concen: 55.150 ug/l

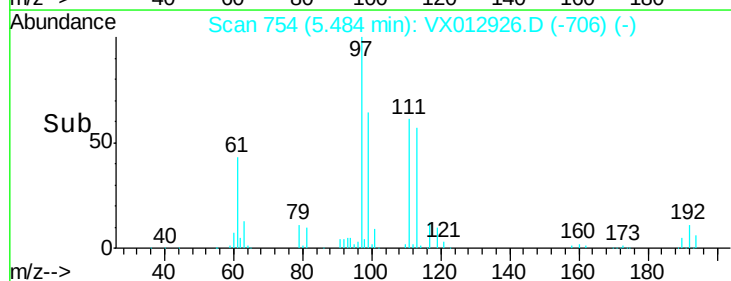
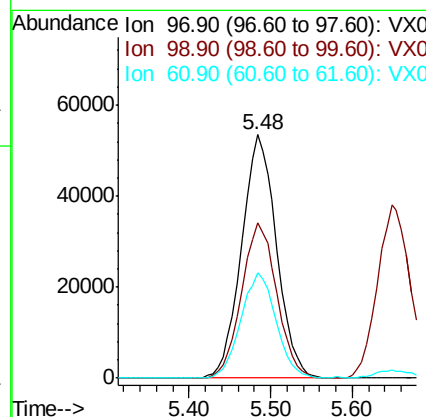
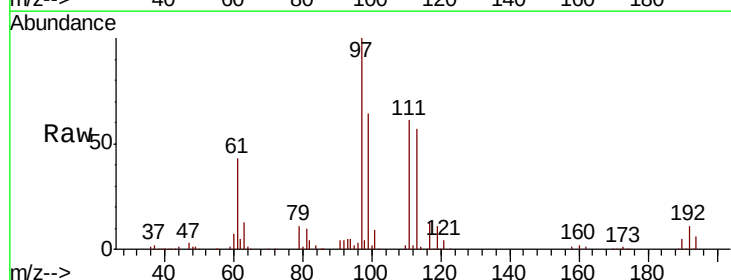
RT: 5.48 min Scan# 754

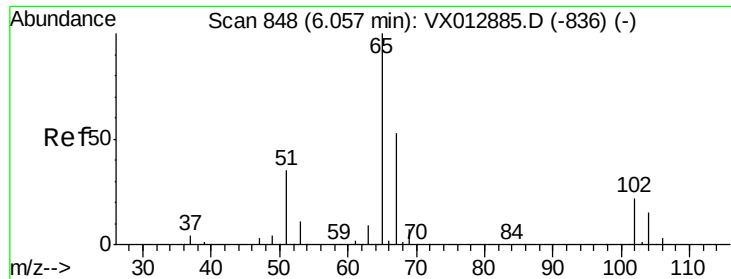
Delta R.T. -0.01 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Tgt Ion:	97	Resp:	159154
Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.3	78.5
61	43.6	35.0	52.4





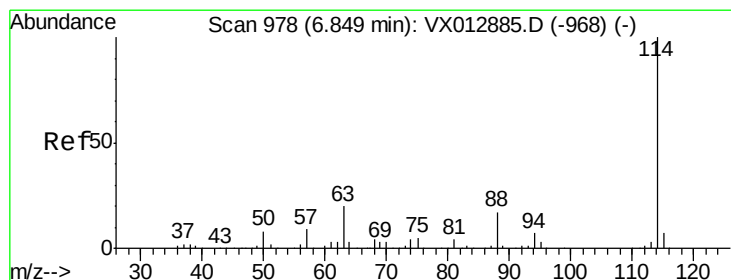
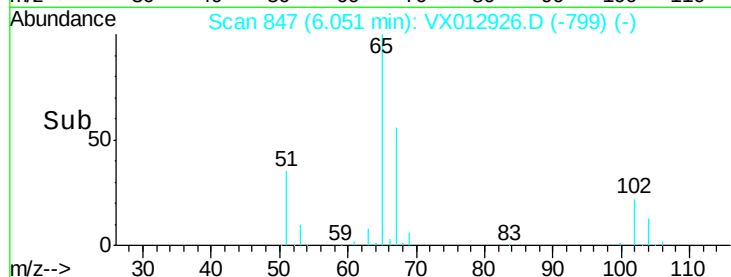
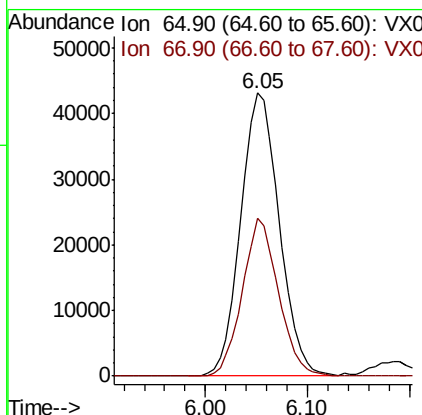
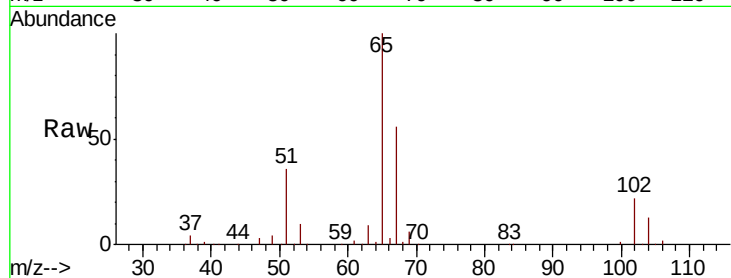
#33
 1,2-Dichloroethane-d4
 Concen: 53.084 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	113519		
67	52.1	0.0	104.4	

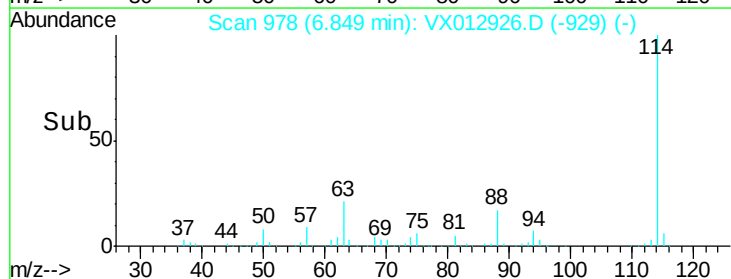
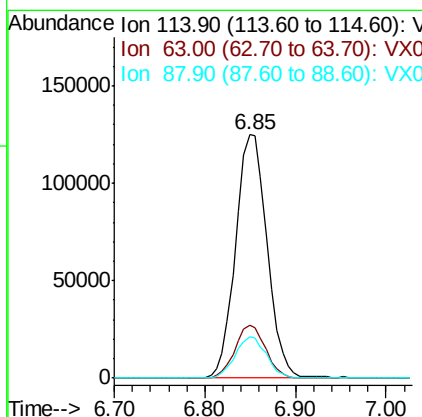
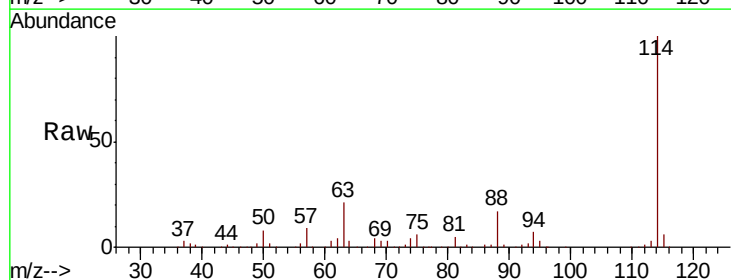
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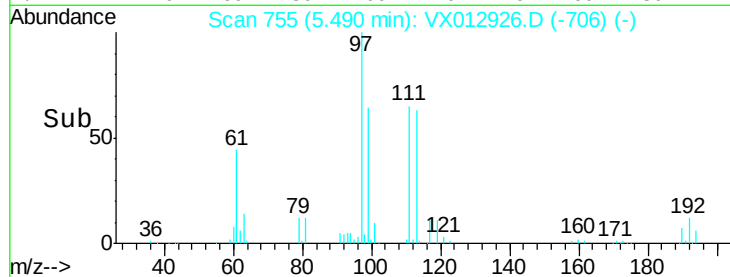
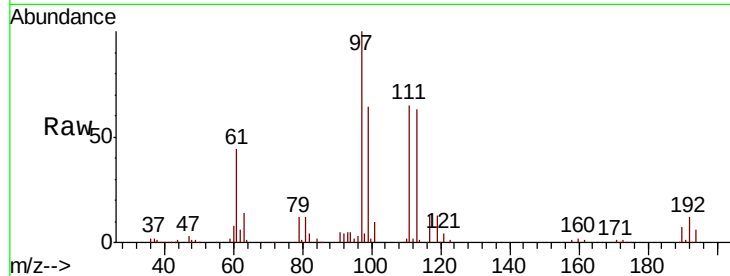
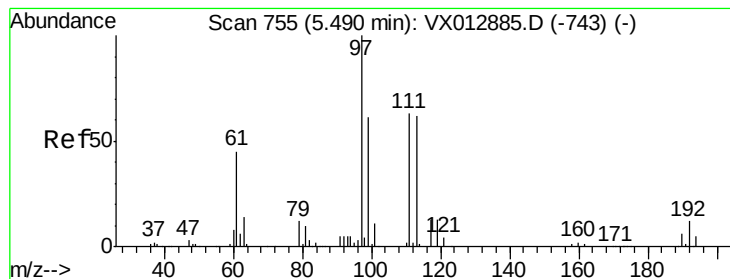
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	301238		
63	21.5	0.0	40.8	
88	17.1	0.0	33.8	





#35

Dibromofluoromethane

Concen: 52.511 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Tot Ion:	113	Resp:	90788
Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.2	124.8
192	19.1	15.4	23.2

Instrument :

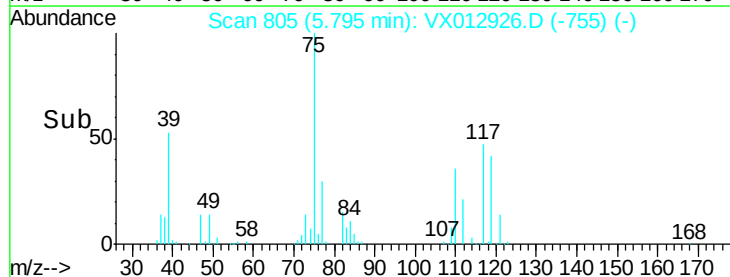
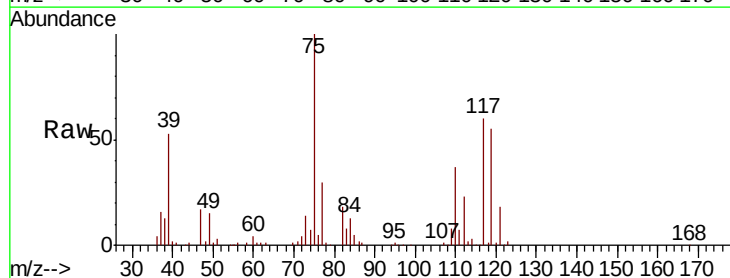
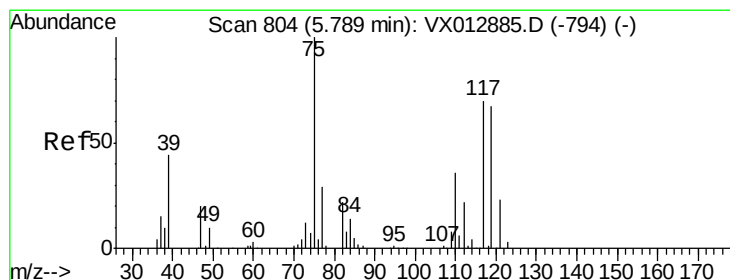
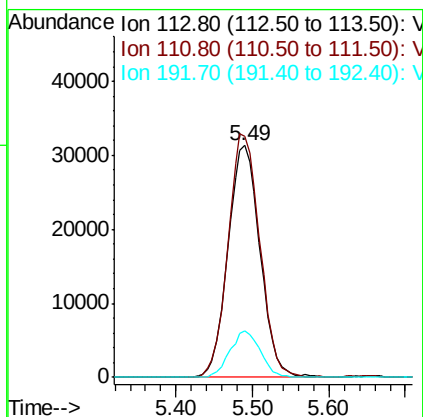
MSVOA_X

ClientSampleId :

FC-MW10S-20191002MSD

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#36

1,1-Dichloropropene

Concen: 51.158 ug/l

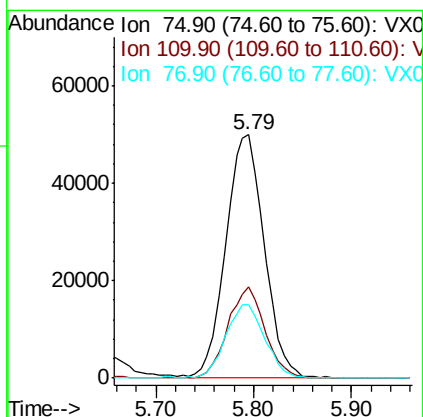
RT: 5.79 min Scan# 805

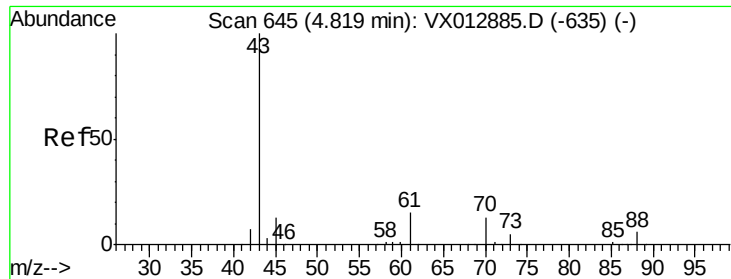
Delta R.T. 0.01 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Tgt Ion:	75	Resp:	135491
Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.6	52.9
77	31.0	24.4	36.6





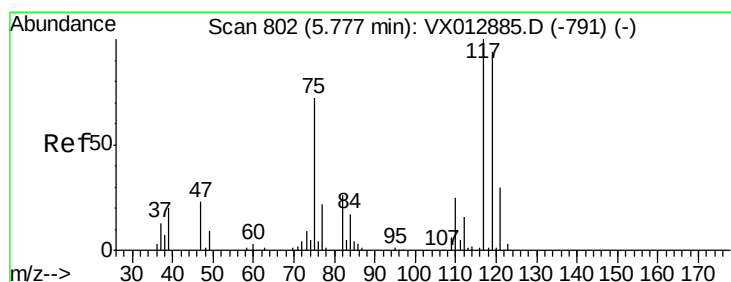
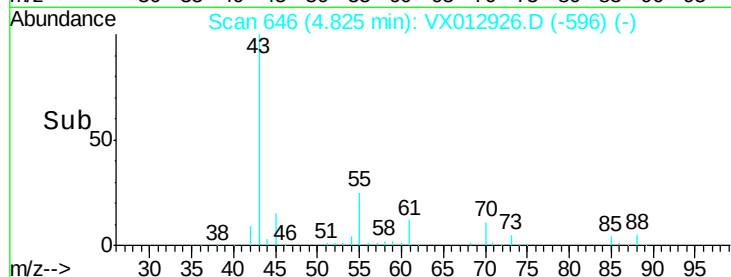
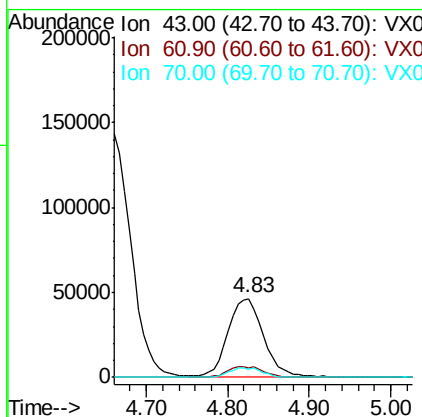
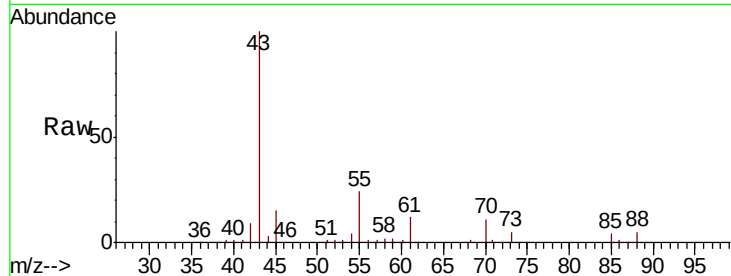
#37
Ethyl Acetate
Concen: 46.850 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.4	17.0
70	11.9	9.8	14.6

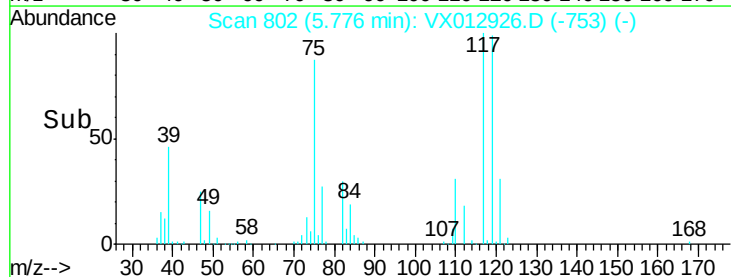
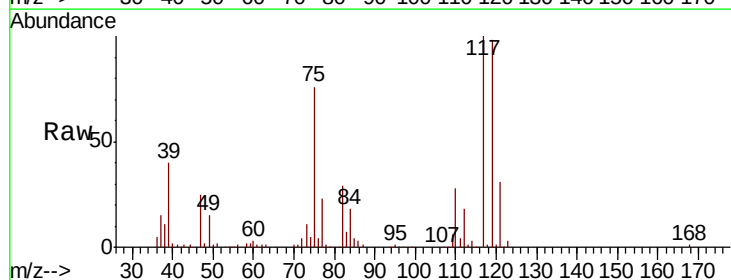
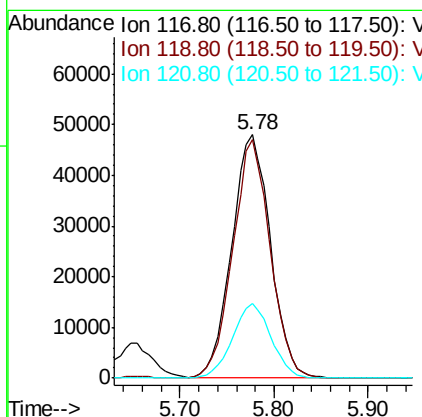
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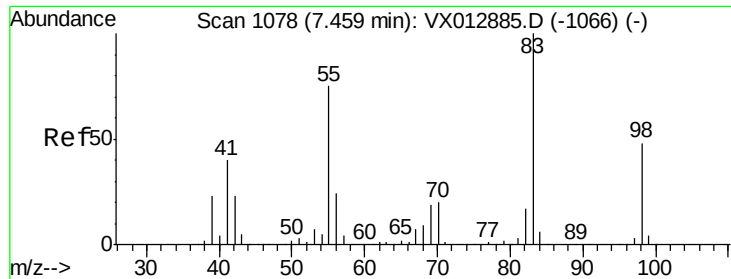
MMDadoda
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#38
Carbon Tetrachloride
Concen: 53.461 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	74.5	111.7
121	30.5	24.2	36.4





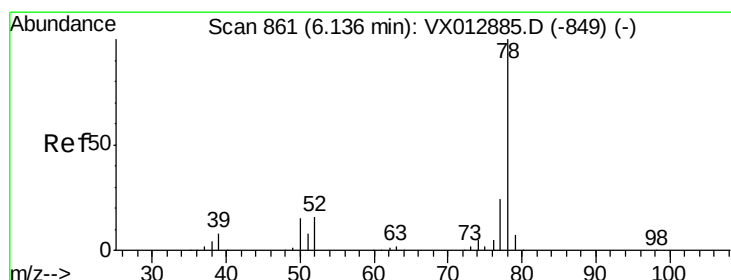
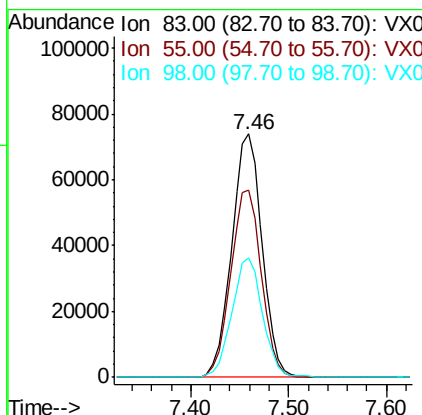
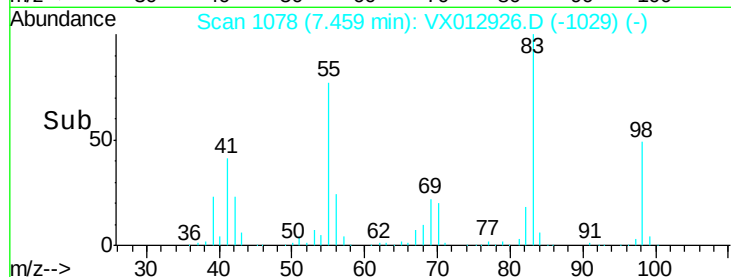
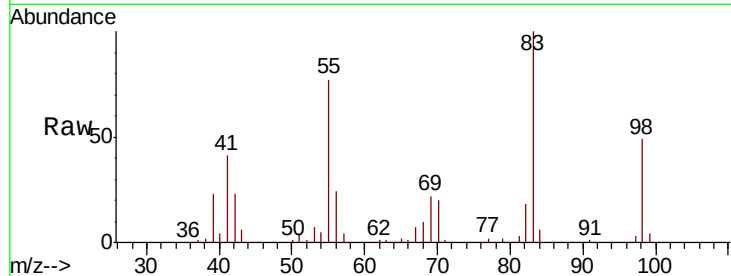
#39
Methylvlcyclohexane
Concen: 49.550 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	76.9	60.2	90.4	
98	49.2	38.5	57.7	

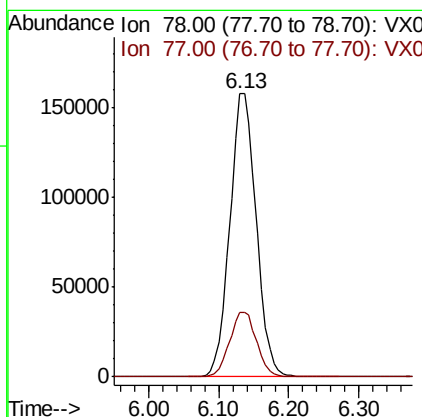
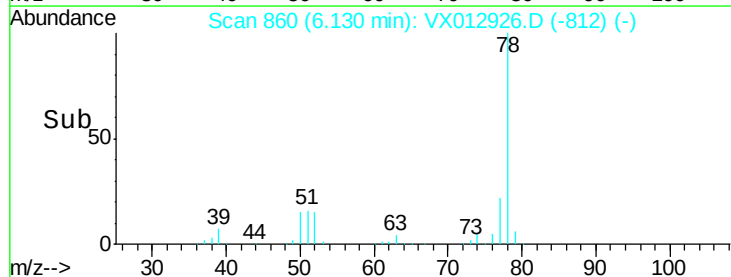
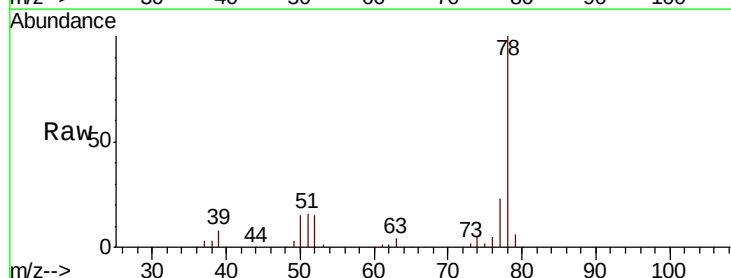
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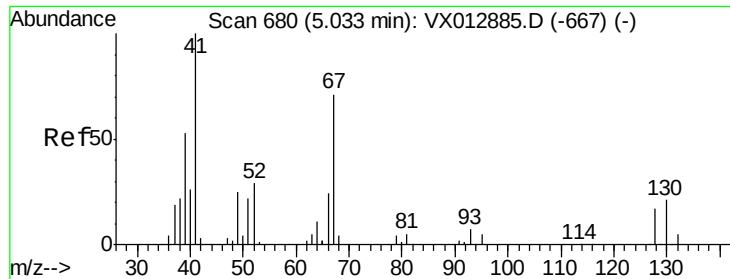
MMDadoda
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#40
Benzene
Concen: 52.799 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.7	19.0	28.4	





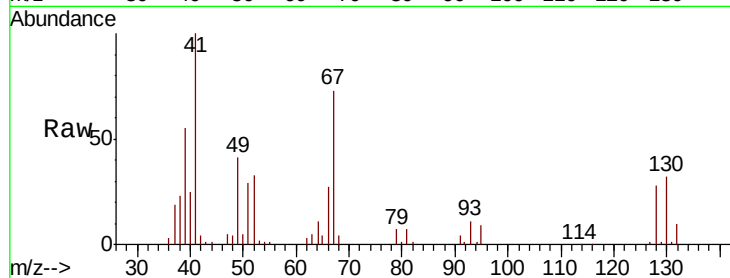
#41
Methacrylonitrile
Concen: 52.519 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

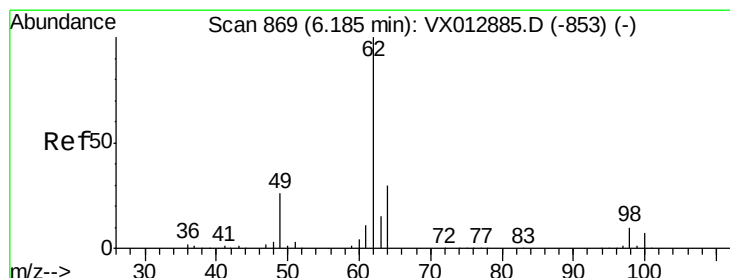
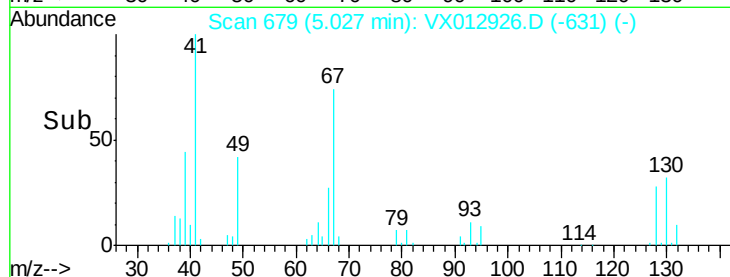
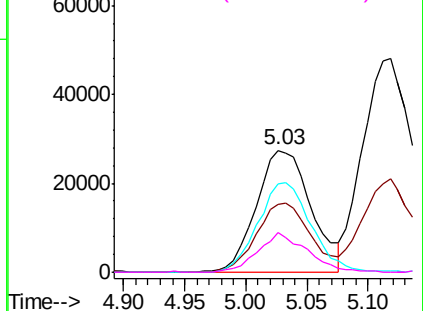
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.1	44.0	66.0	
67	71.7	58.5	87.7	
52	28.4	23.8	35.8	

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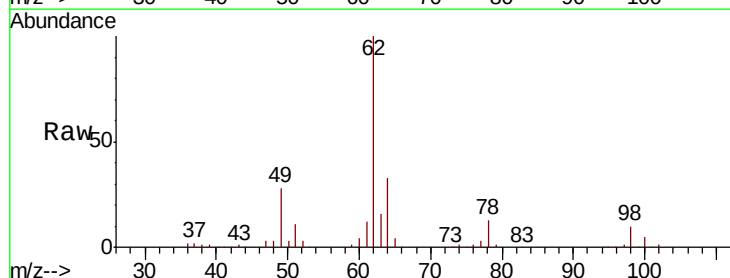


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

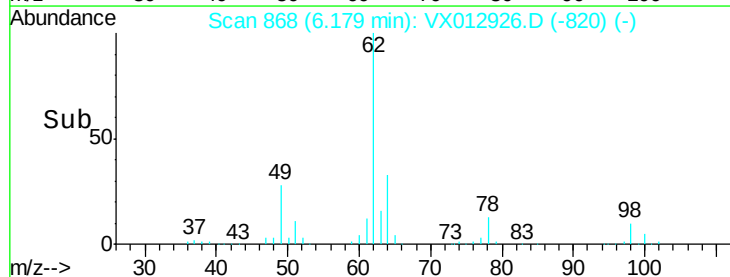
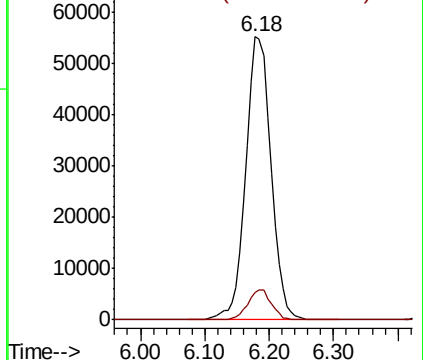


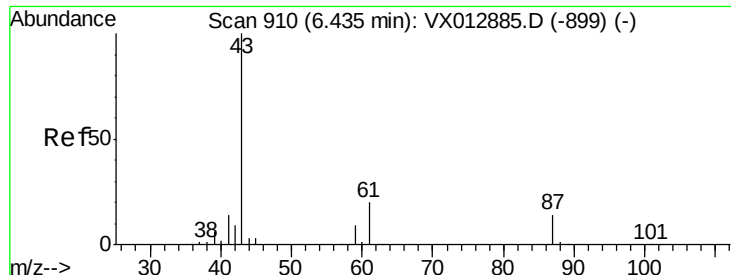
#42
1,2-Dichloroethane
Concen: 52.785 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	20.4	



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





#43

Isopropyl Acetate

Concen: 49.394 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

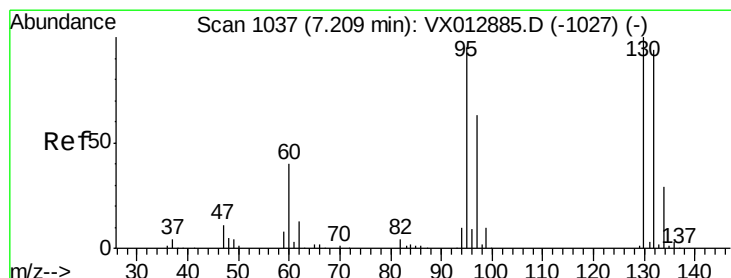
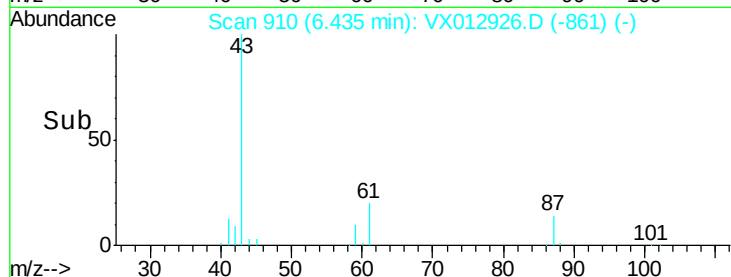
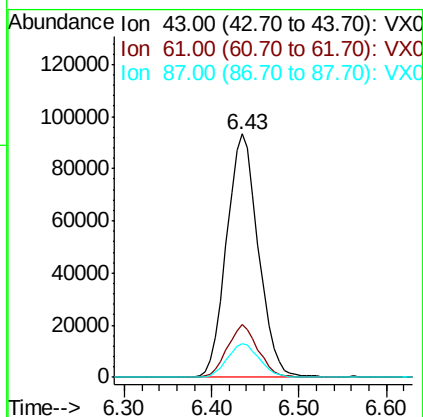
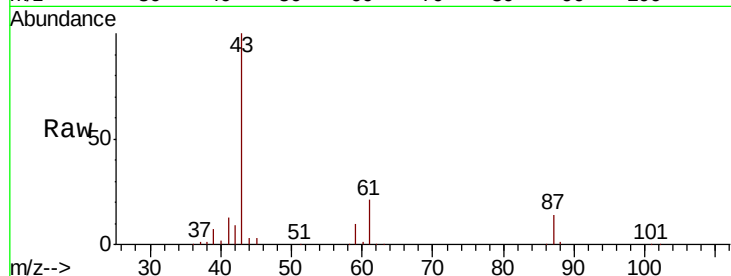
ClientSampleId :

FC-MW10S-20191002MSD

Tot Ion:	43	Resp:	234787
Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.6	24.8
87	14.0	11.0	16.6

Manual Integrations
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#44

Trichloroethene

Concen: 49.266 ug/l

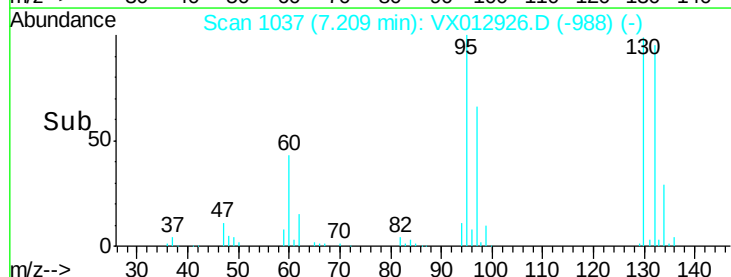
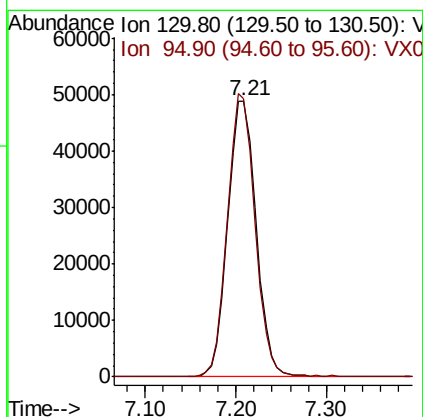
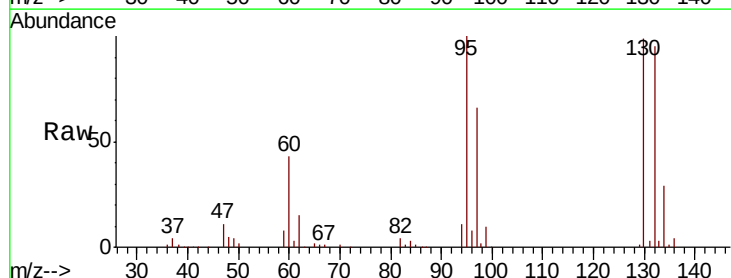
RT: 7.21 min Scan# 1037

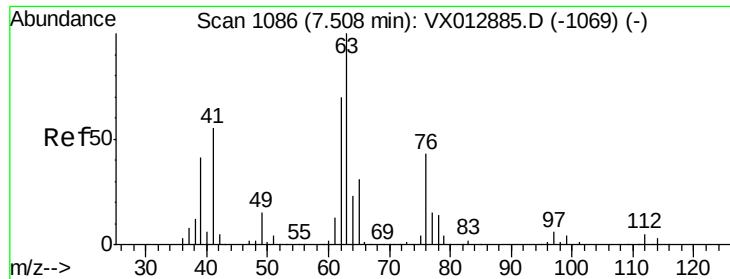
Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Tgt Ion:	130	Resp:	106865
Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	189.2





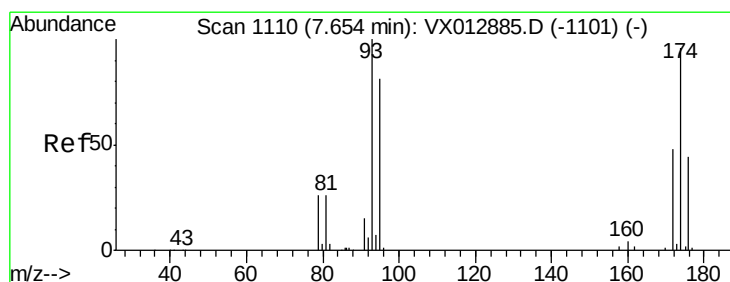
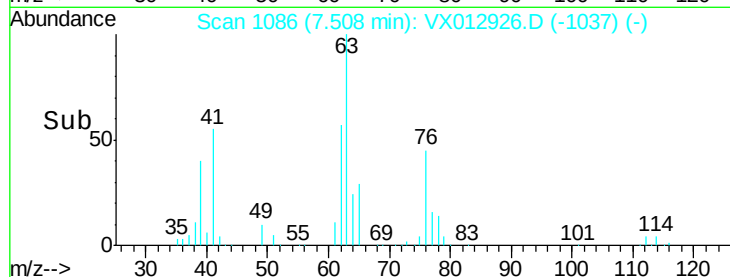
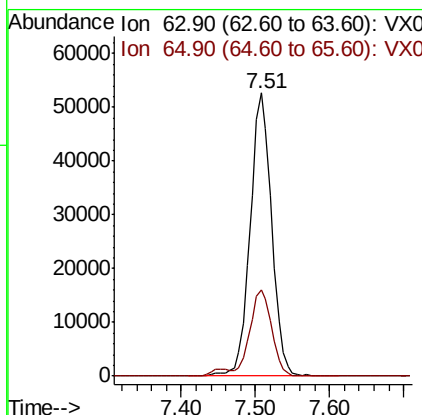
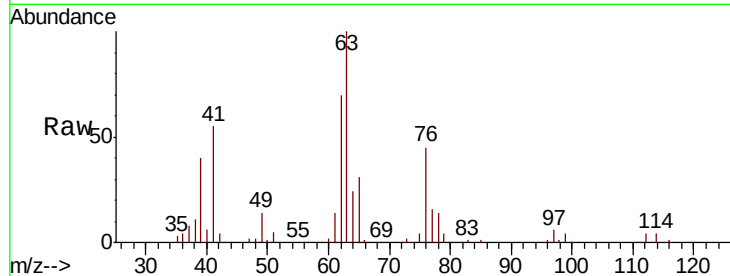
#45
 1,2-Dichloropropane
 Concen: 53.518 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

Tot Ion: 63 Resp: 106698
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.6 37.0

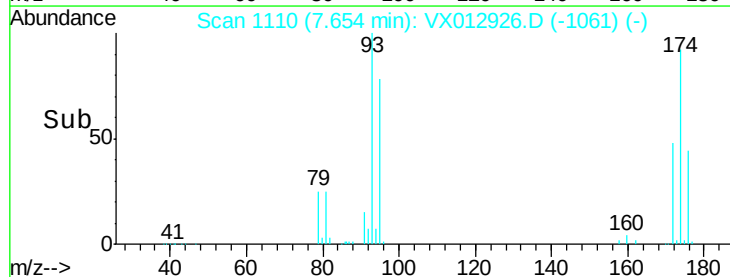
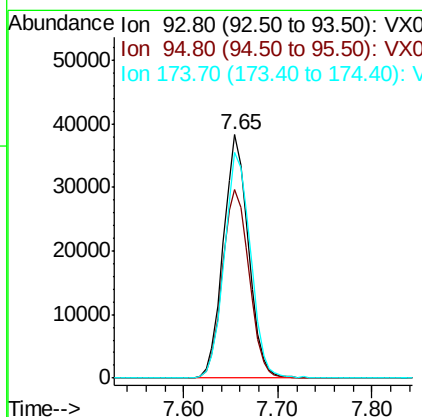
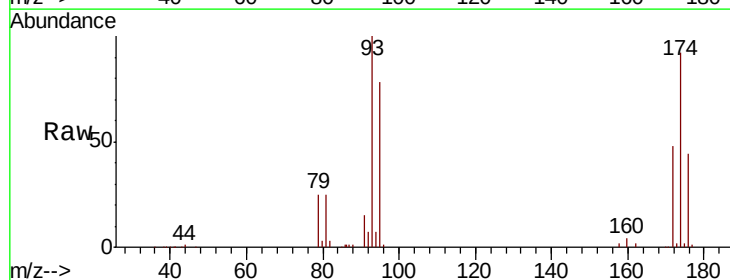
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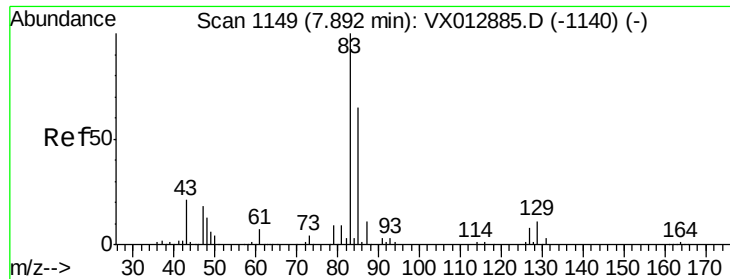
MMDadoda
 10/9/2019 10:39:21 AM



#46
 Dibromomethane
 Concen: 53.573 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Tgt Ion: 93 Resp: 71161
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.3 99.5
 174 96.4 77.8 116.6





#47

Bromodichloromethane

Concen: 53.570 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

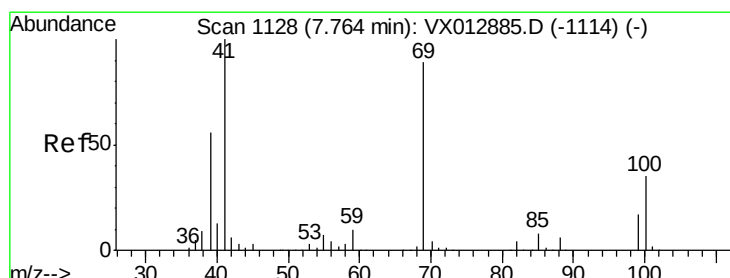
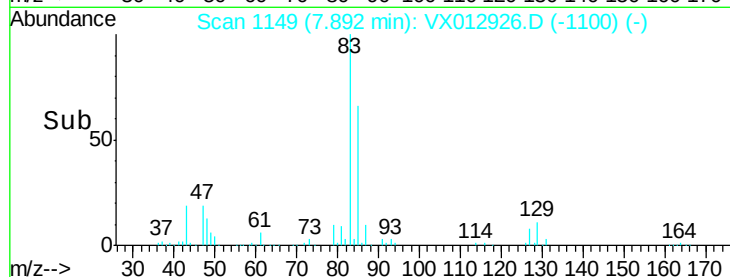
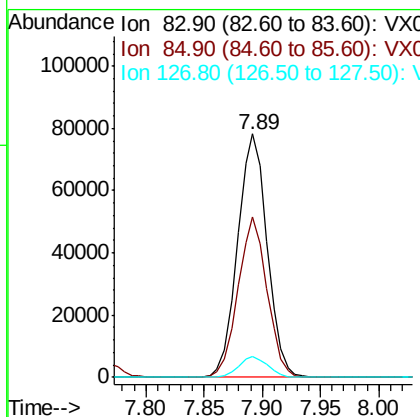
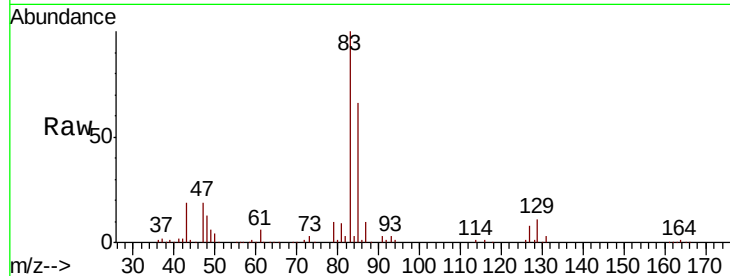
ClientSampleId :

FC-MW10S-20191002MSD

Tot Ion:	83	Resp:	138863
Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.4	78.6
127	8.4	6.6	10.0

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 52.879 ug/l

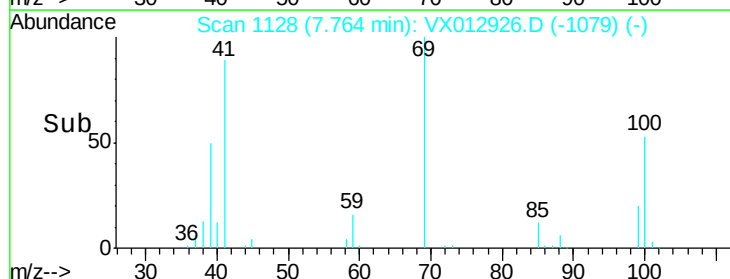
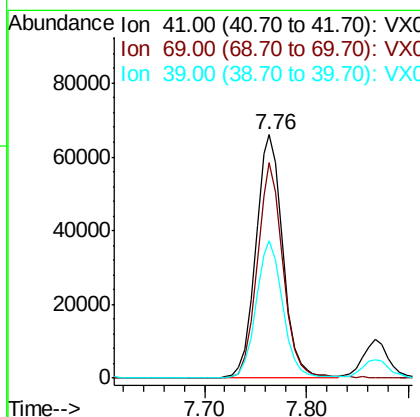
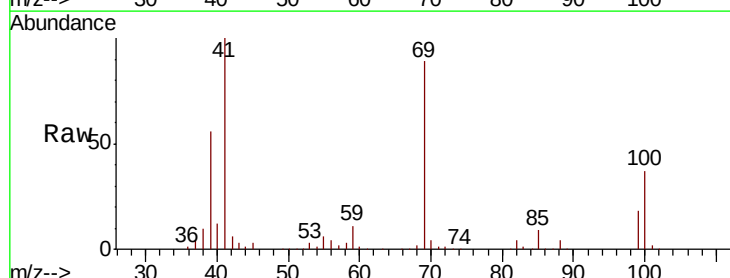
RT: 7.76 min Scan# 1128

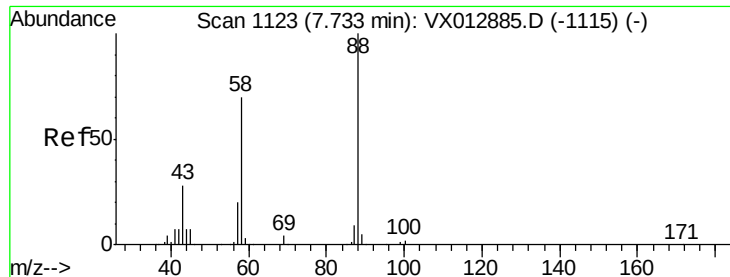
Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Tgt Ion:	41	Resp:	122487
Ion	Ratio	Lower	Upper
41	100		
69	84.4	68.7	103.1
39	55.4	44.3	66.5





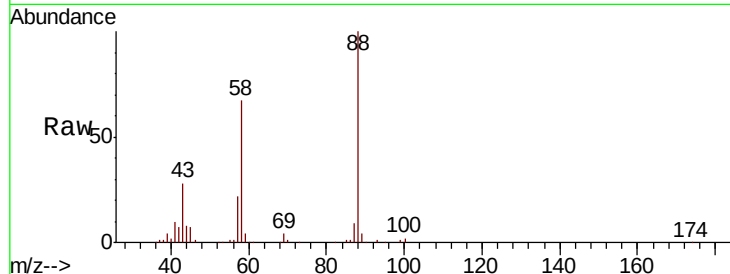
#49
1,4-Dioxane
Concen: 928.938 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	25.0	37.6
58	70.5	55.4	83.2

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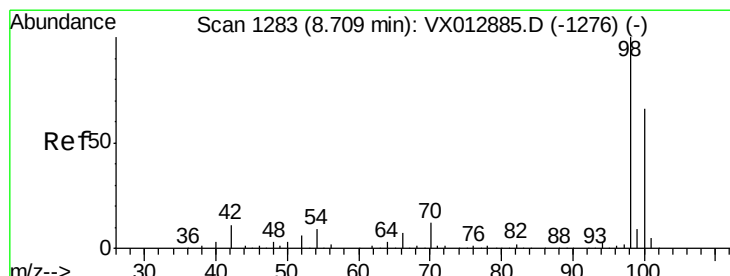
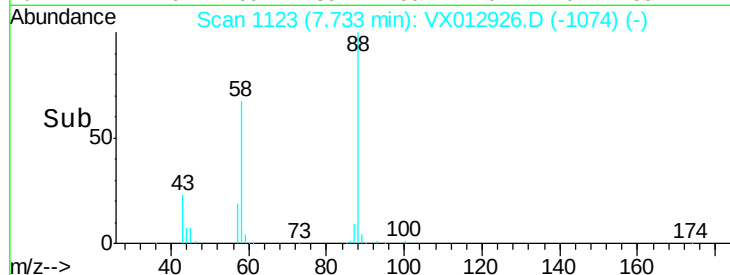
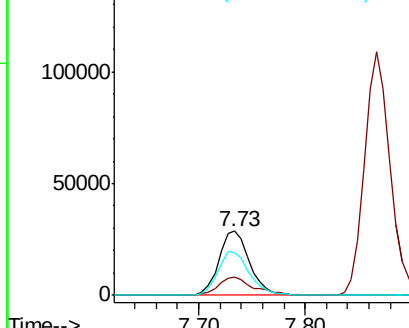


Abundance

Ion 88.00 (87.70 to 88.70): VX0

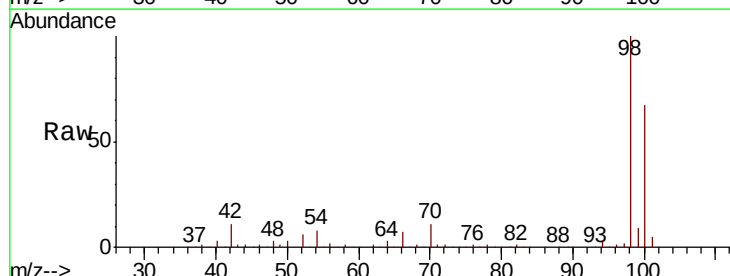
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 50.910 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

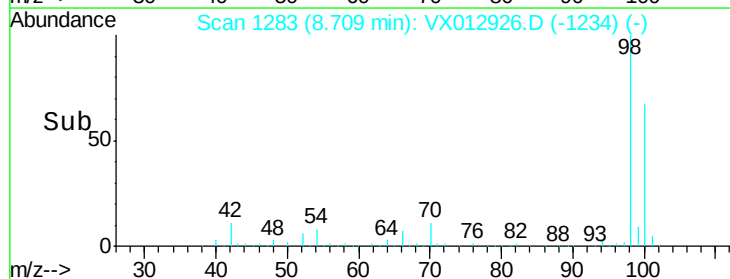
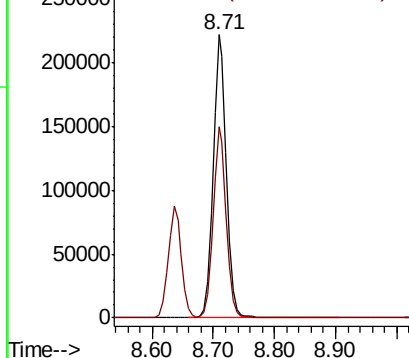
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.4	80.2

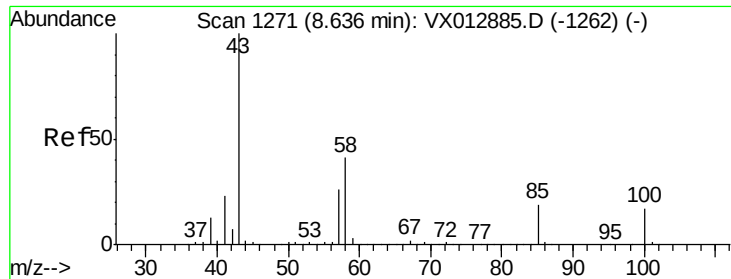


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 263.124 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MSD

Tot Ion: 43 Resp: 779797

Ion Ratio Lower Upper

43 100

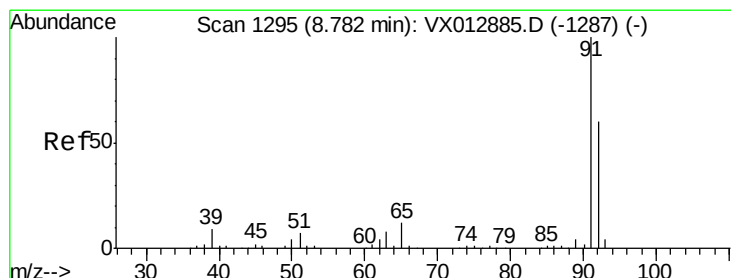
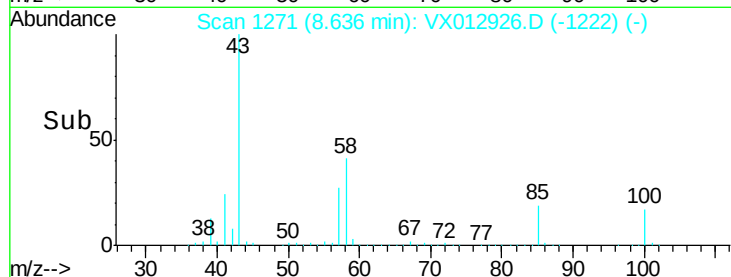
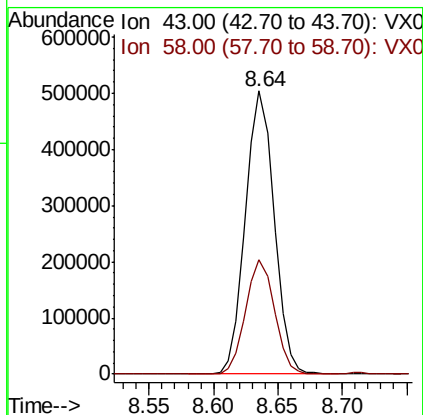
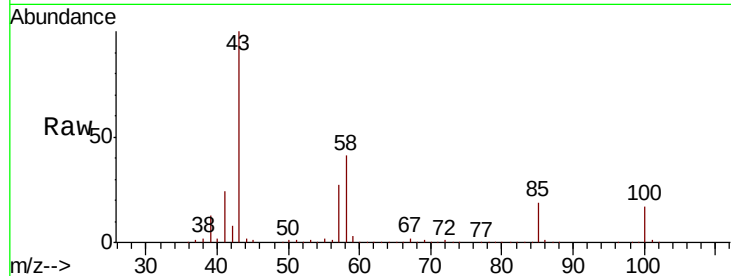
58 40.5 32.4 48.6

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#52

Toluene

Concen: 52.039 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012926.D

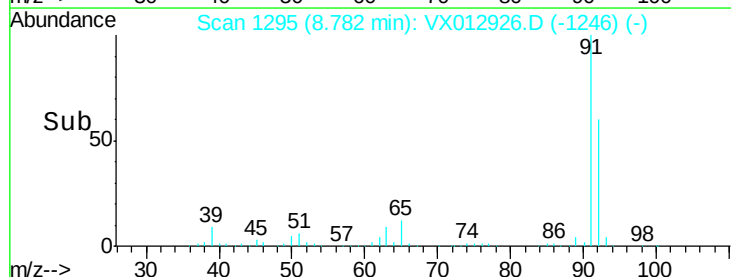
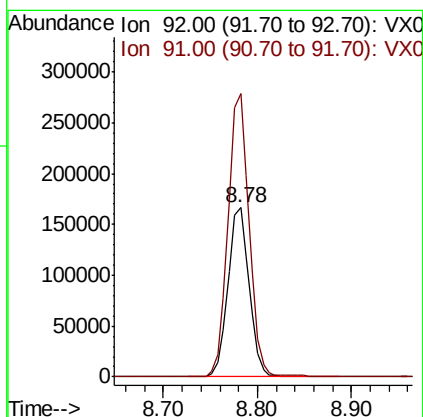
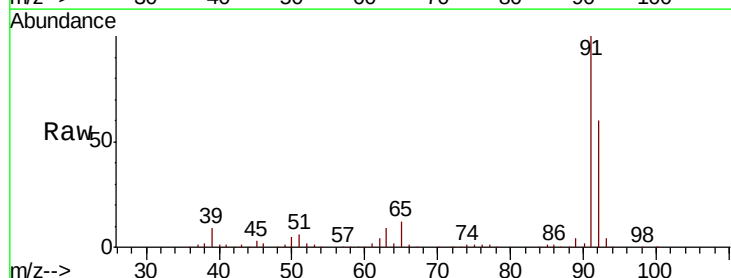
Acq: 09 Oct 2019 06:38

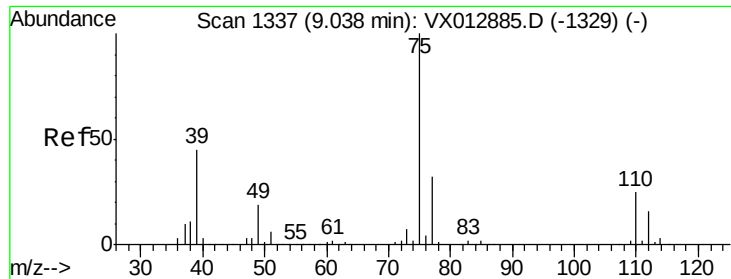
Tgt Ion: 92 Resp: 260423

Ion Ratio Lower Upper

92 100

91 166.8 135.9 203.9





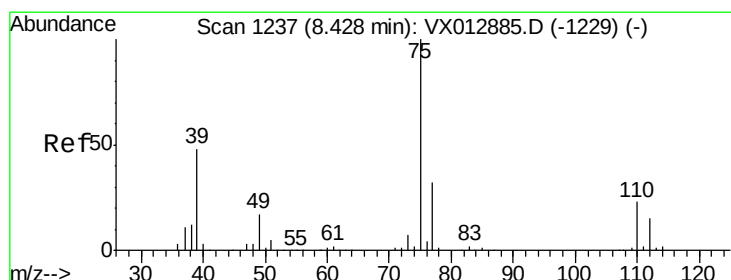
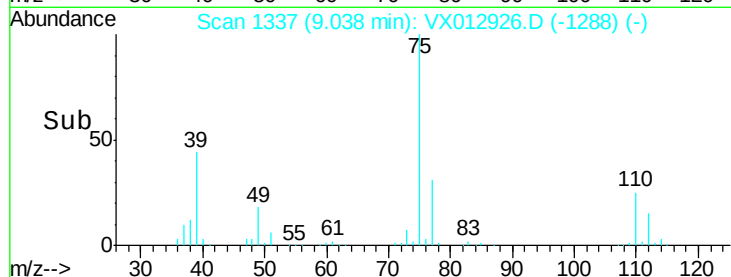
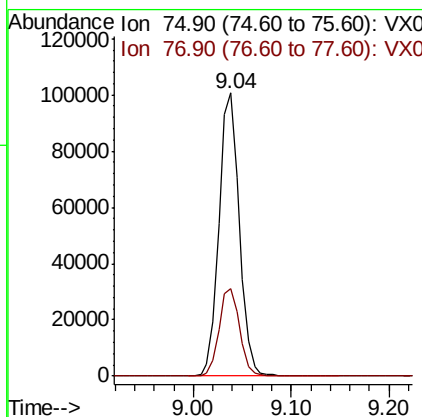
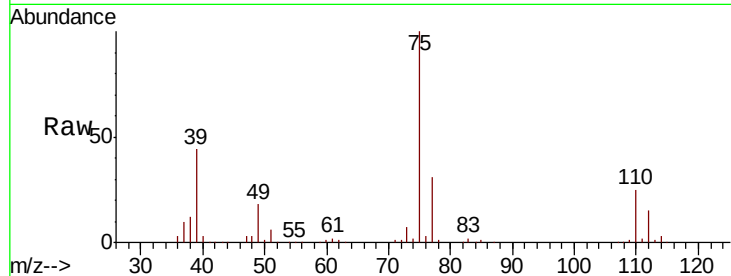
#53
 t-1,3-Dichloropropene
 Concen: 45.226 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

Tot Ion: 75 Resp: 145604
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.8 38.6

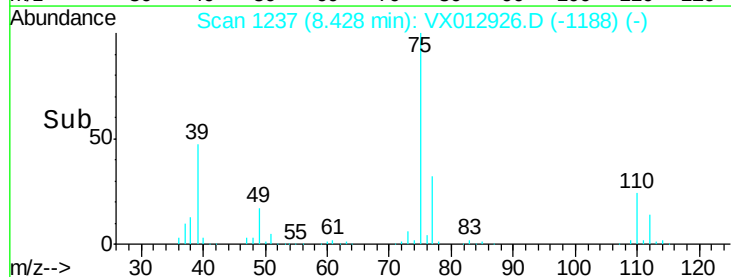
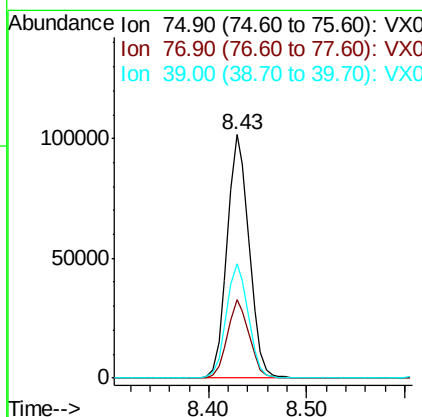
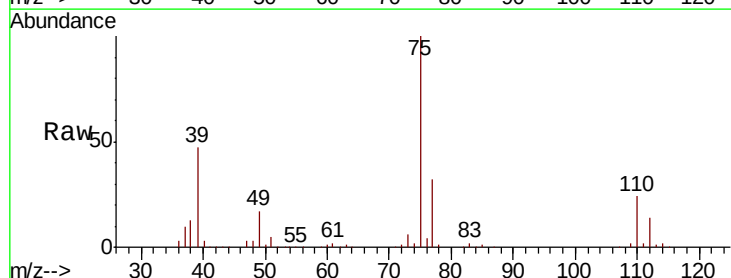
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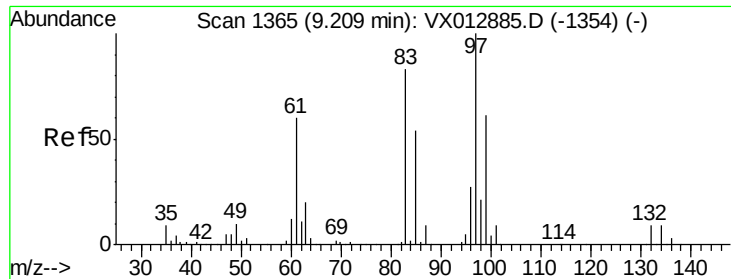
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 49.847 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Tgt Ion: 75 Resp: 158920
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.8 38.8
 39 46.8 38.2 57.2





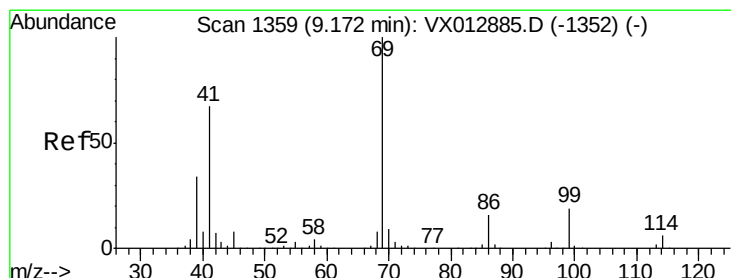
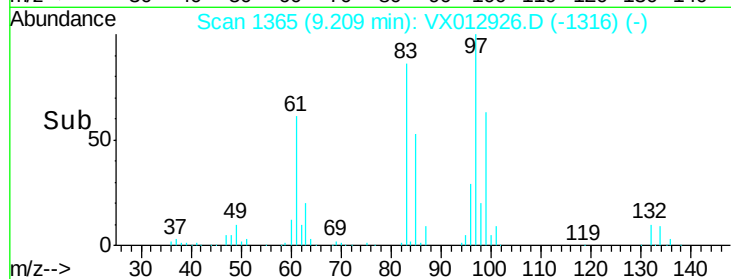
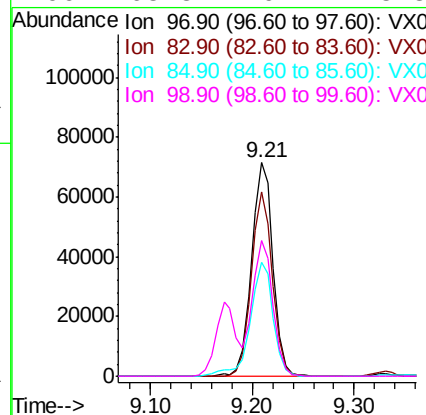
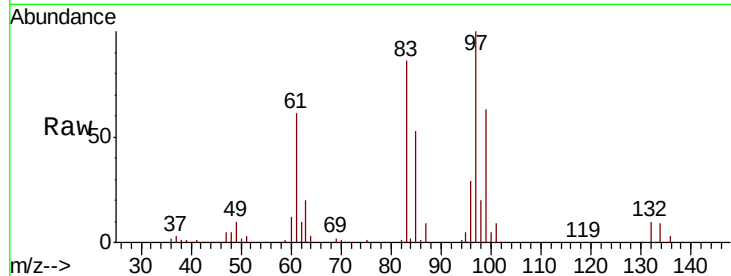
#55
 1,1,2-Trichloroethane
 Concen: 52.685 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

Tot Ion:	97	Resp:	104341
Ion Ratio	Lower	Upper	
97	100		
83	86.1	66.5	99.7
85	53.5	43.1	64.7
99	63.3	49.2	73.8

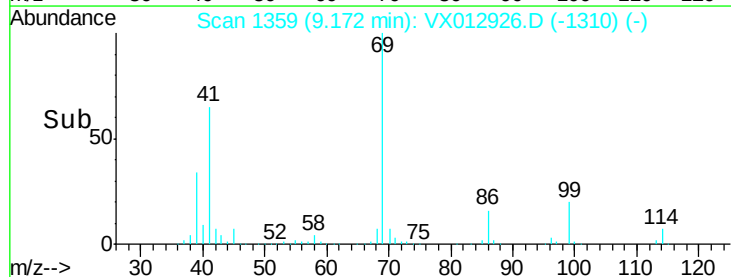
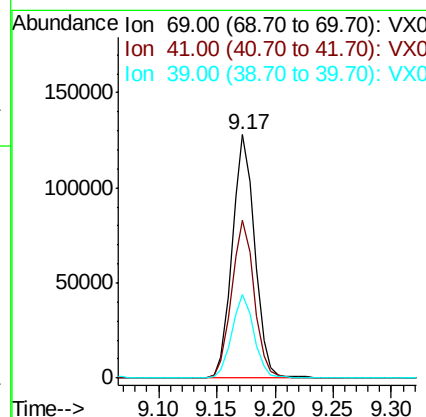
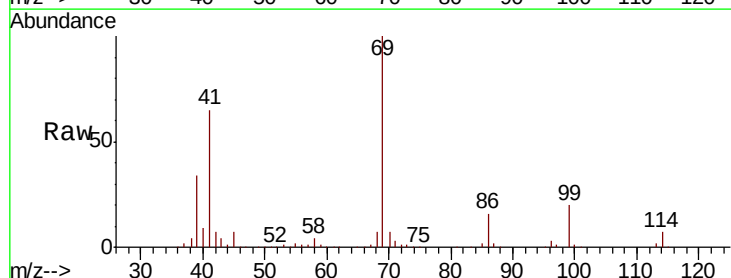
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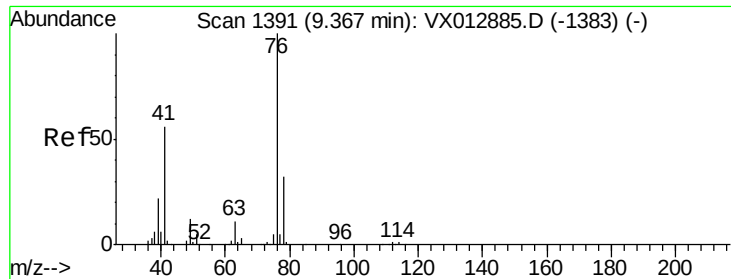
MMDadoda
 10/9/2019 10:39:21 AM



#56
 Ethyl methacrylate
 Concen: 48.737 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Tgt Ion:	69	Resp:	172672
Ion Ratio	Lower	Upper	
69	100		
41	64.8	52.1	78.1
39	33.8	27.8	41.8





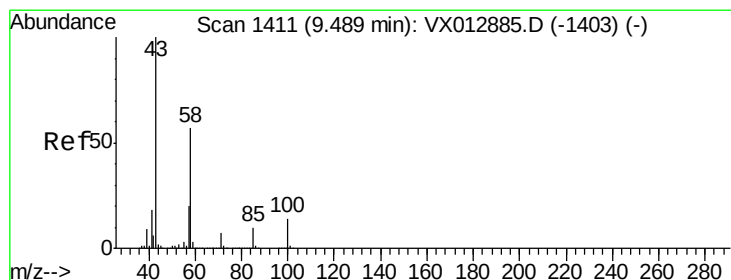
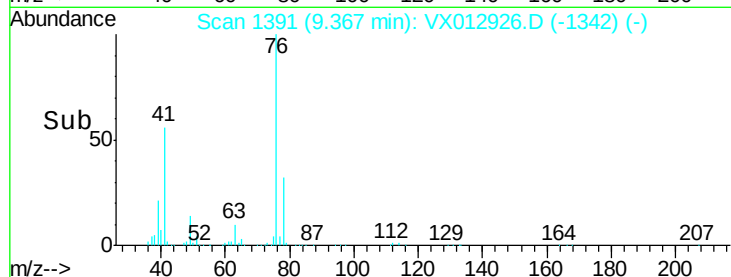
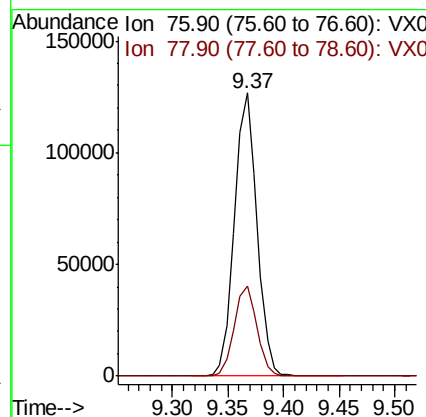
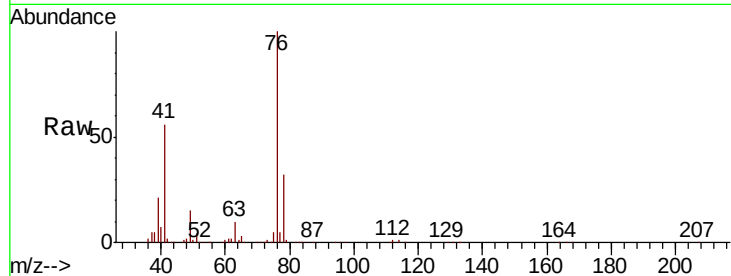
#57
 1,3-Dichloropropane
 Concen: 51.935 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.1	39.1

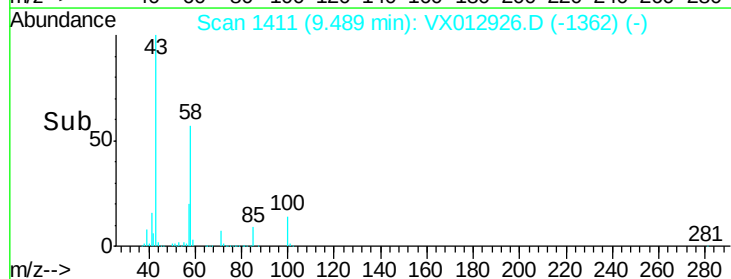
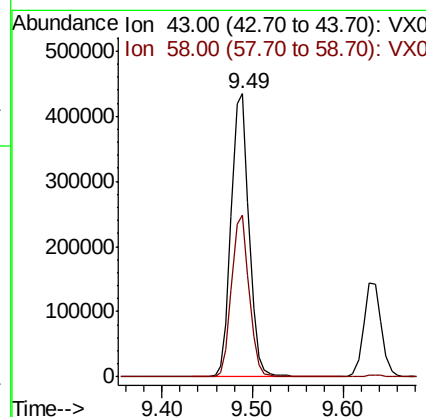
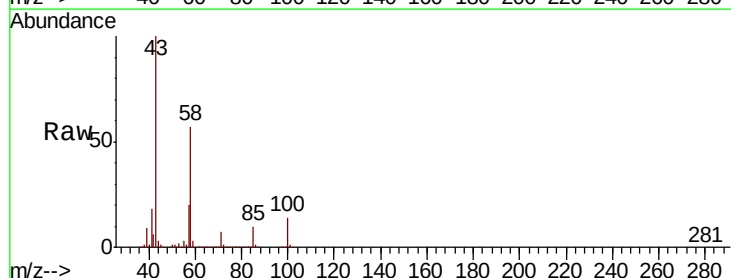
Manual Integrations
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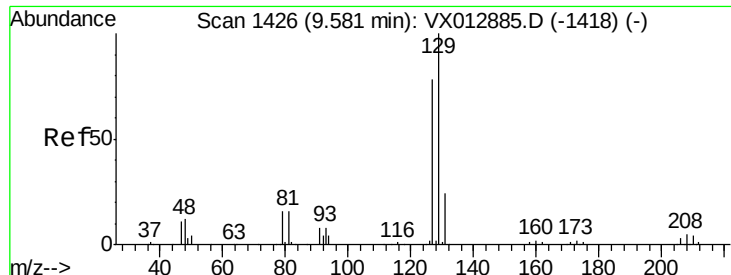
MMDadoda
 10/9/2019 10:39:21 AM



#59
 2-Hexanone
 Concen: 259.453 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Tgt Ion	Ratio	Lower	Upper
43	100		
58	56.2	28.1	84.3





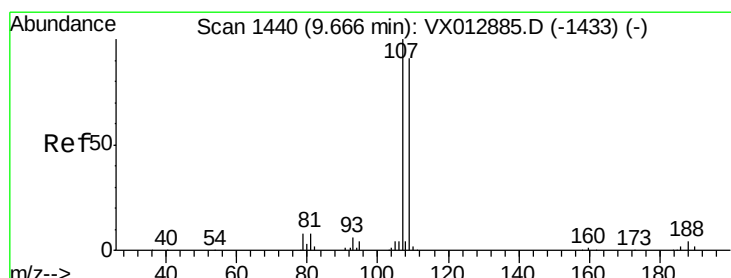
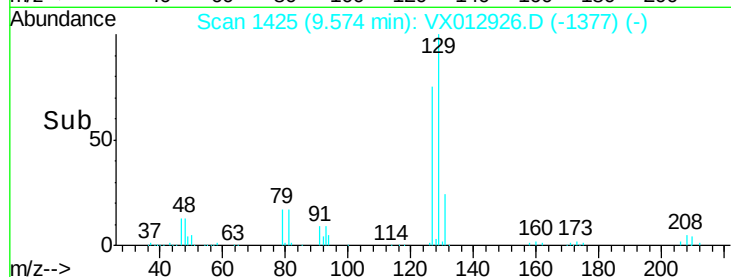
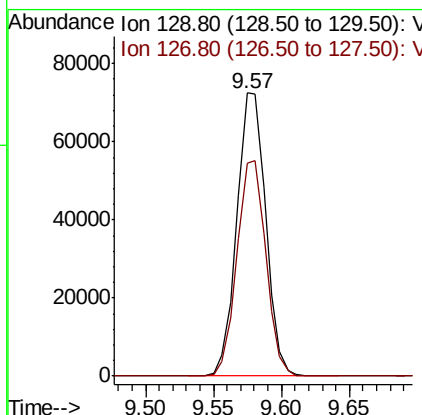
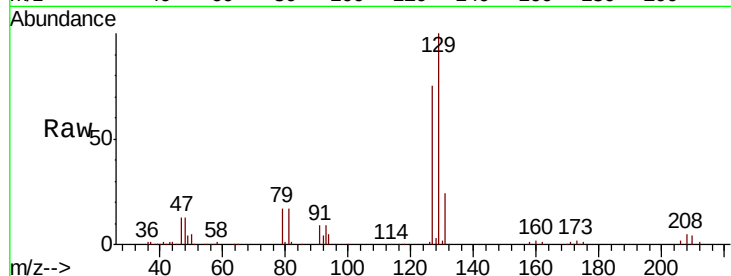
#60
 Dibromochloromethane
 Concen: 48.837 ug/l
 RT: 9.57 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.9	116.7

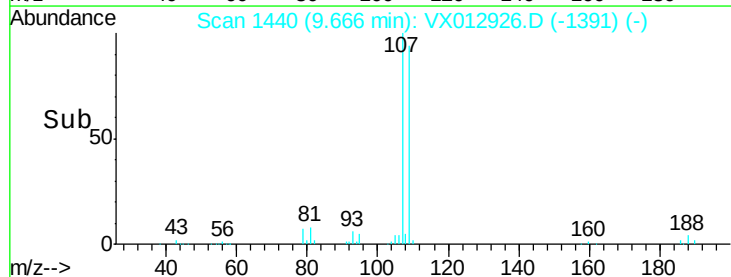
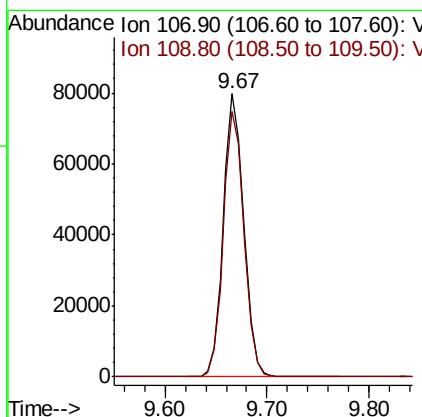
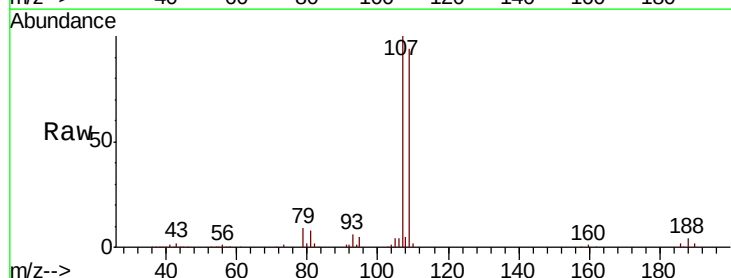
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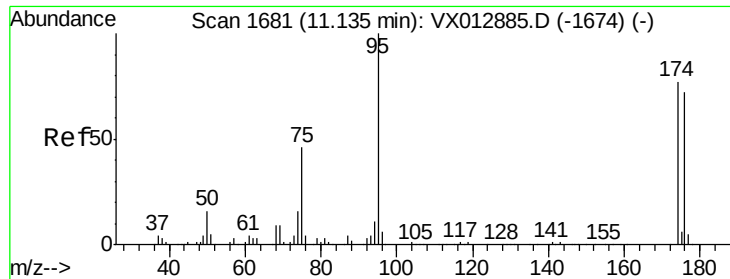
MMDadoda
 10/9/2019 10:39:21 AM



#61
 1,2-Dibromoethane
 Concen: 53.509 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.8	113.6





#62

4-Bromofluorobenzene

Concen: 50.516 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

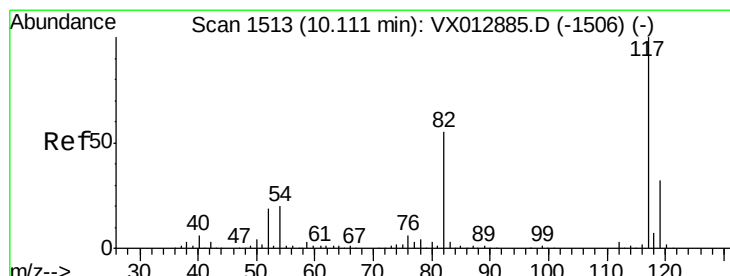
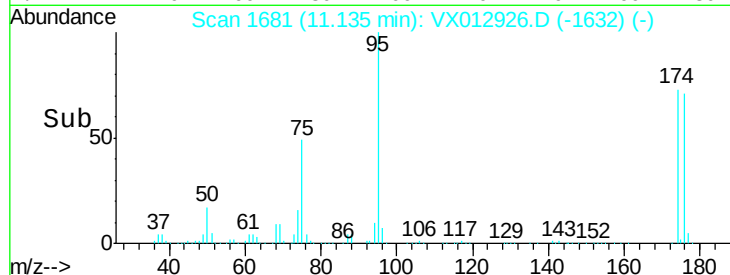
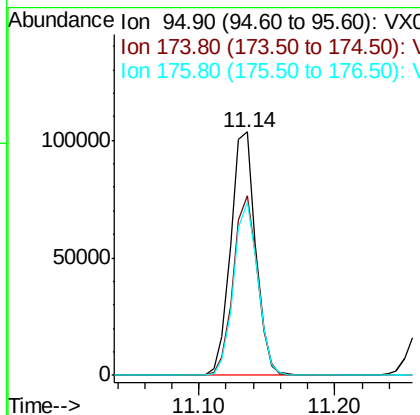
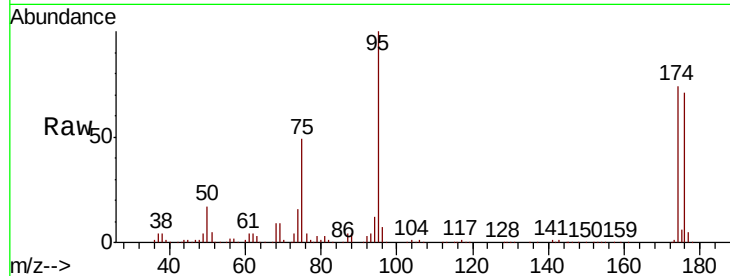
ClientSampleId :

FC-MW10S-20191002MSD

Tot Ion:	95	Resp:	132361
Ion Ratio	Lower	Upper	
95	100		
174	71.6	0.0	143.4
176	69.0	0.0	136.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

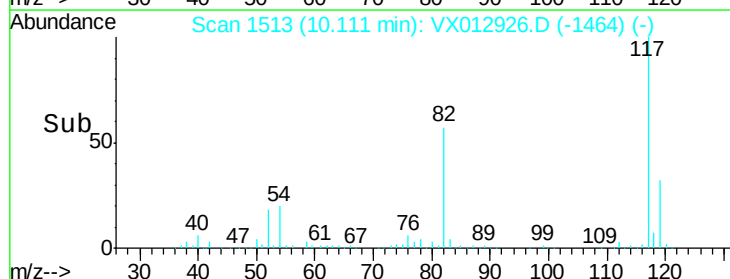
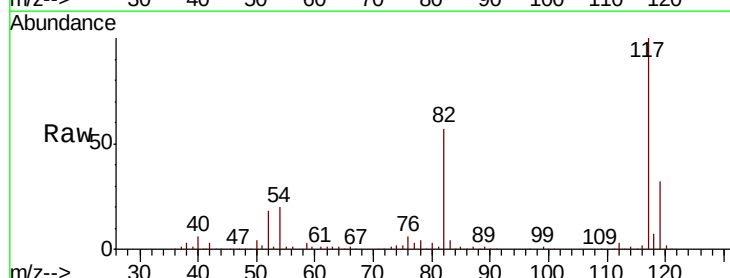
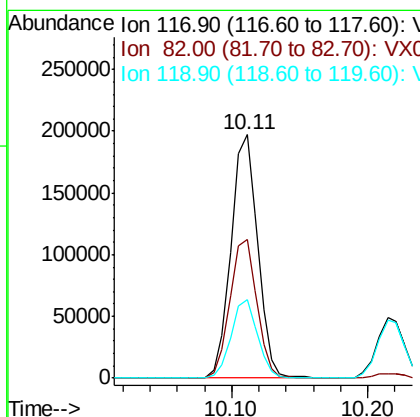
RT: 10.11 min Scan# 1513

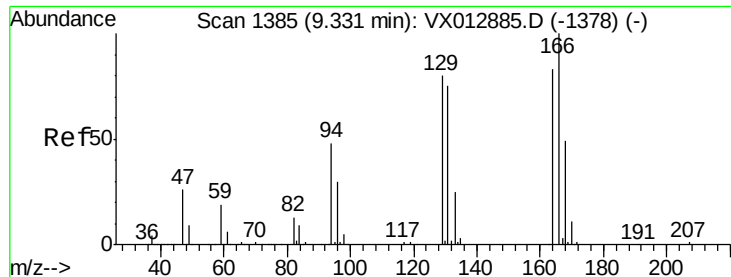
Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Tgt Ion:	117	Resp:	268748
Ion Ratio	Lower	Upper	
117	100		
82	56.8	44.1	66.1
119	32.2	25.8	38.8





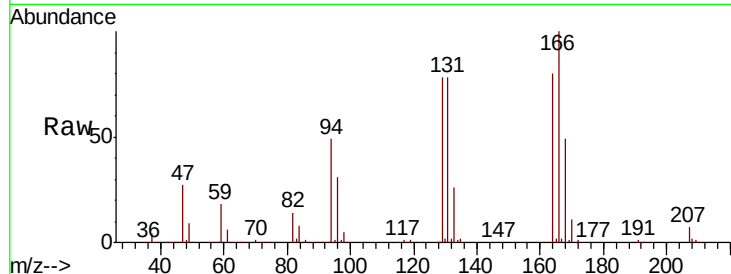
#64
Tetrachloroethene
Concen: 50.124 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.2	96.9	145.3
129	97.2	77.9	116.9
131	97.8	72.7	109.1

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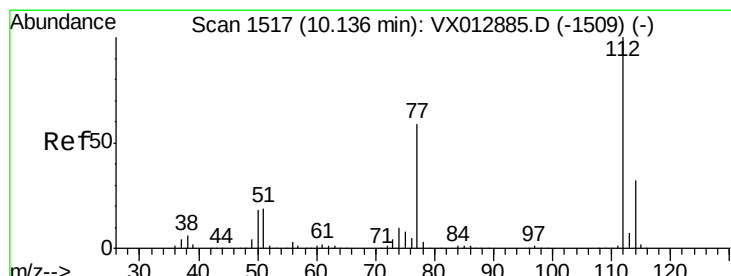
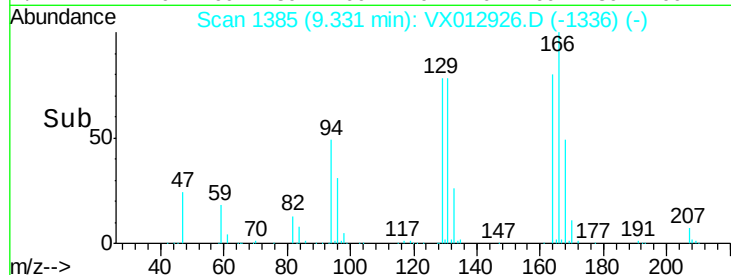
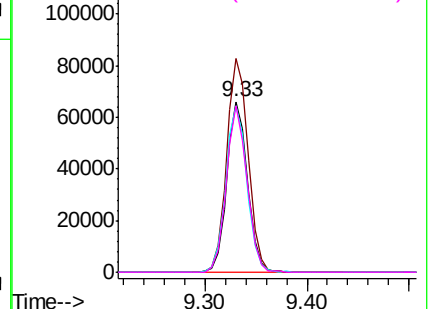
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

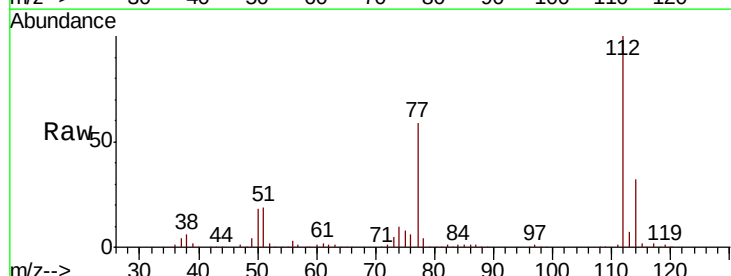
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 51.116 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

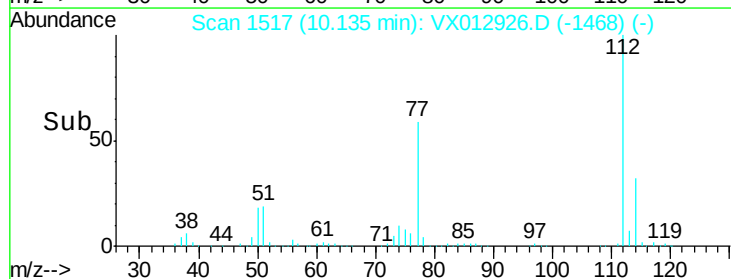
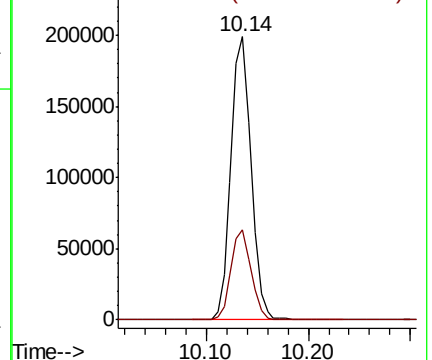
Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.7	38.5

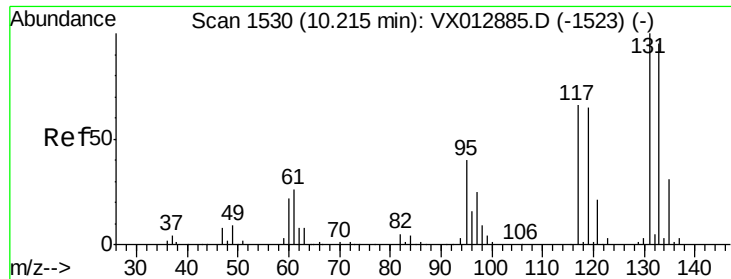


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





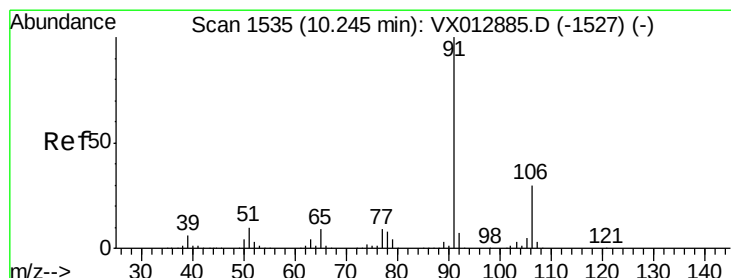
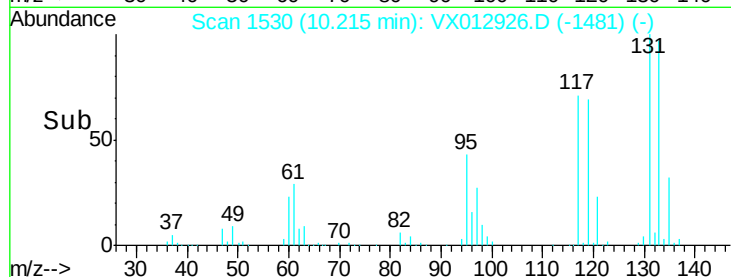
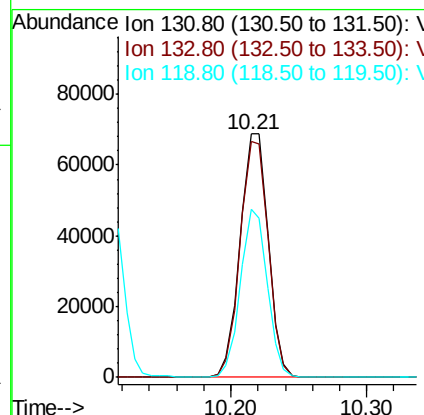
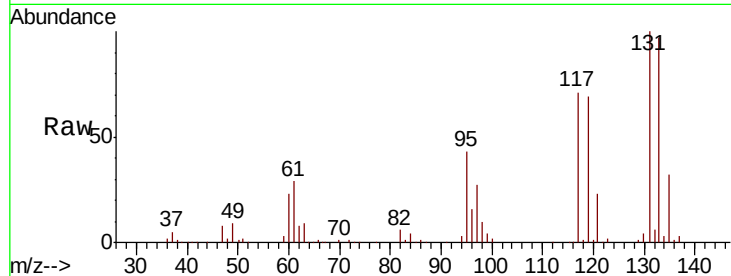
#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.676 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.2	141.6
119	65.8	32.6	98.0

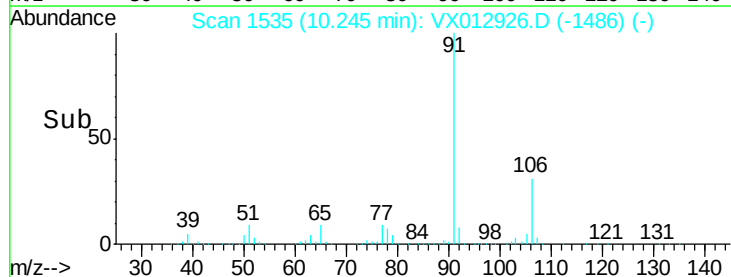
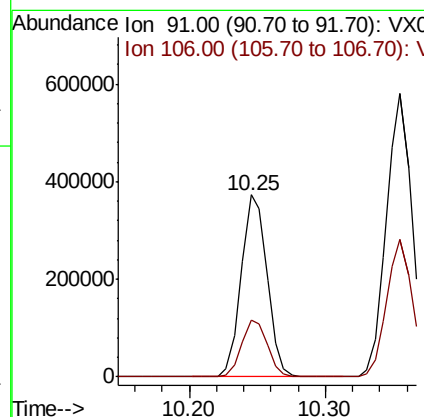
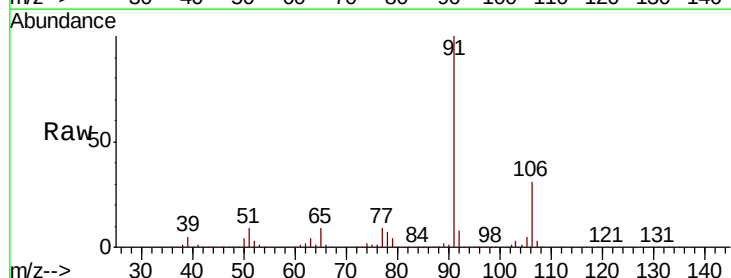
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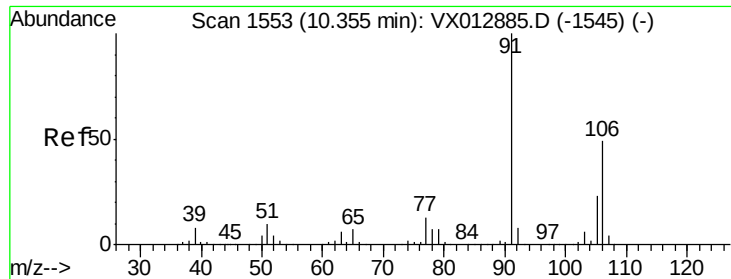
MMDadoda
 10/9/2019 10:39:21 AM



#67
 Ethyl Benzene
 Concen: 52.141 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.0	23.9	35.9





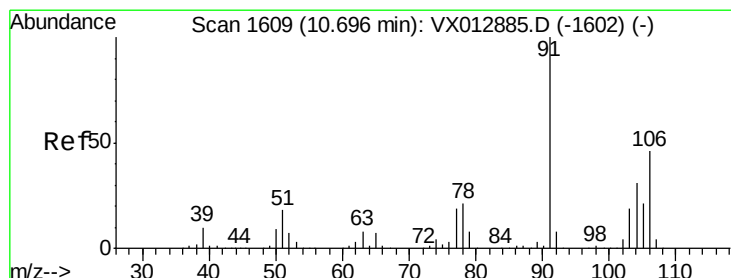
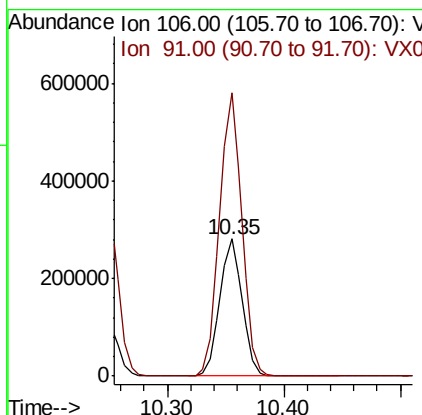
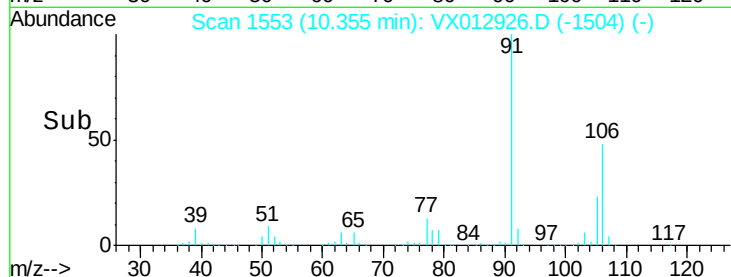
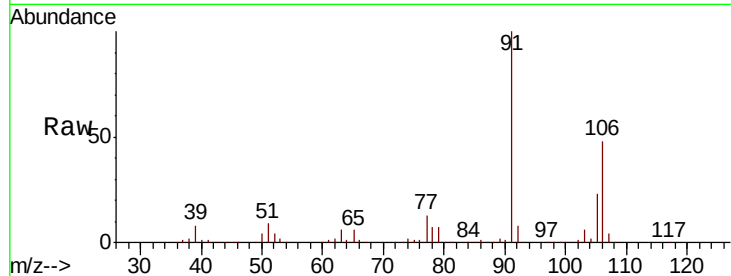
#68
m/p-Xylenes
Concen: 105.029 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

Tot Ion:106 Resp: 371963
Ion Ratio Lower Upper
106 100
91 206.6 165.3 247.9

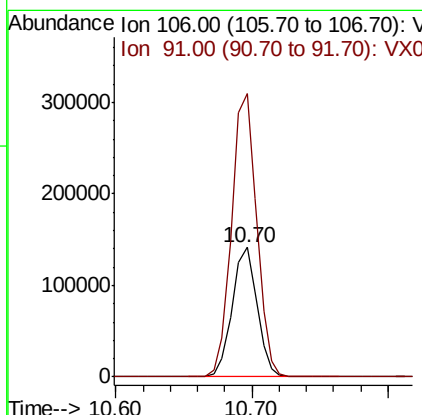
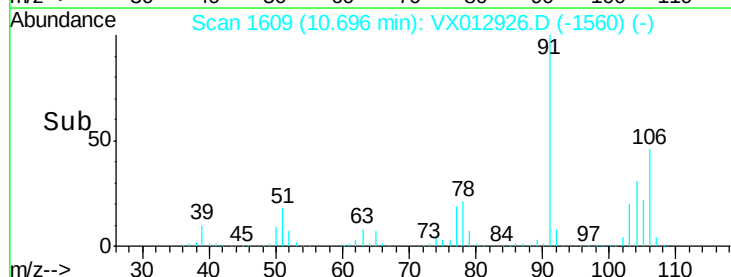
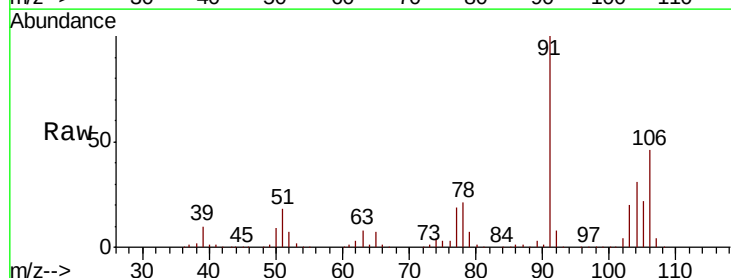
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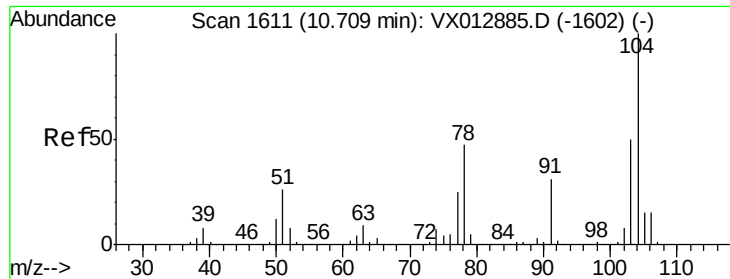
MMDadoda
10/9/2019 10:39:21 AM



#69
o-Xylene
Concen: 52.218 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion:106 Resp: 180342
Ion Ratio Lower Upper
106 100
91 220.8 109.1 327.3





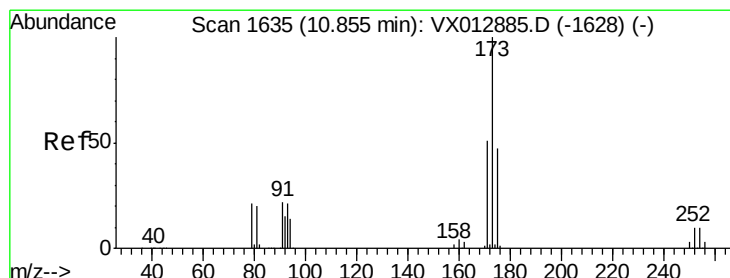
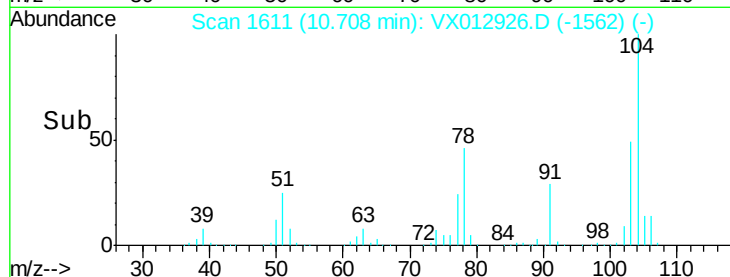
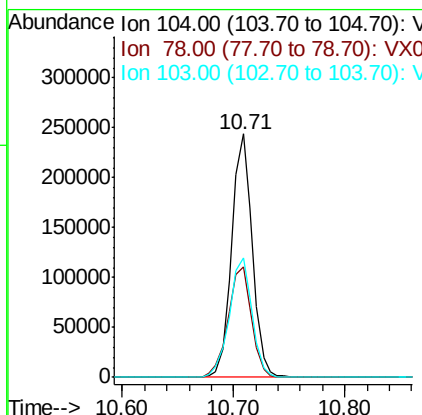
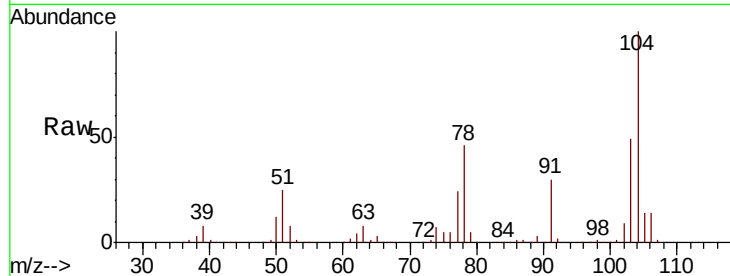
#70
Stvrene
Concen: 52.962 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.7	41.2	61.8
103	54.3	43.0	64.4

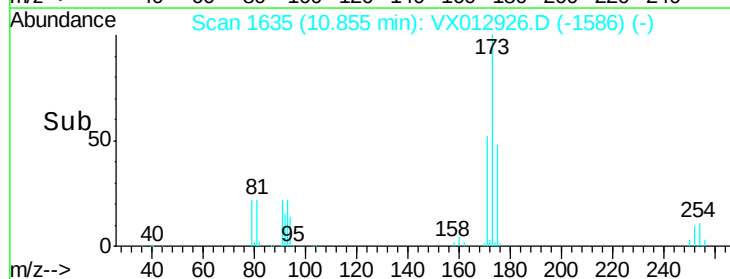
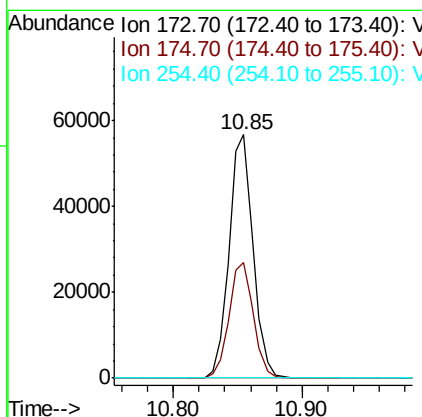
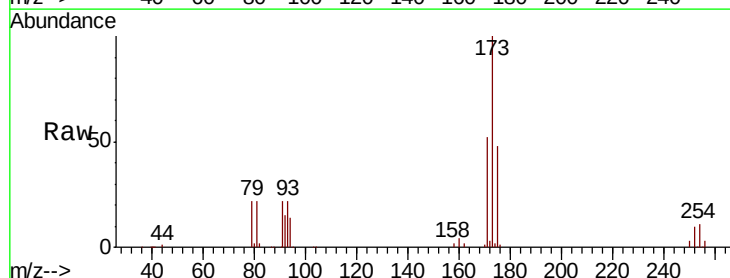
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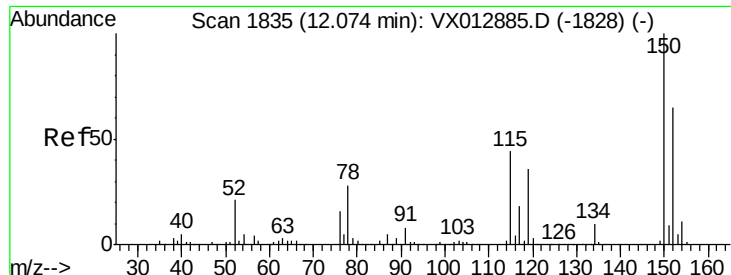
MMDadoda
10/9/2019 10:39:21 AM



#71
Bromoform
Concen: 47.081 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.1	72.3
254	0.1	0.1	0.1#





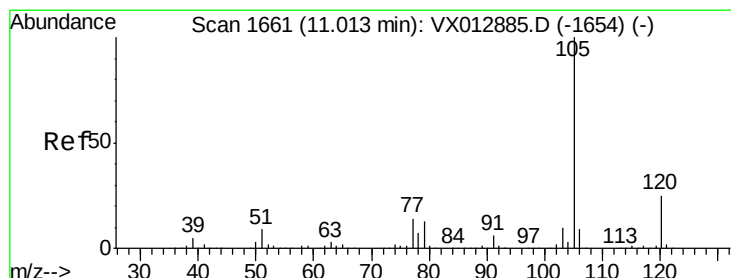
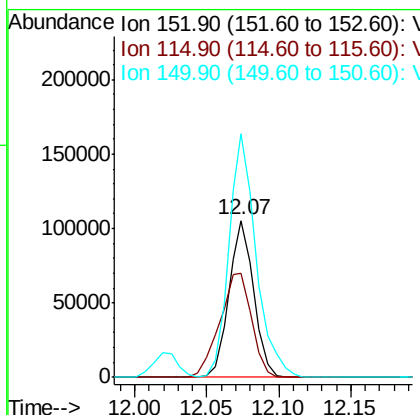
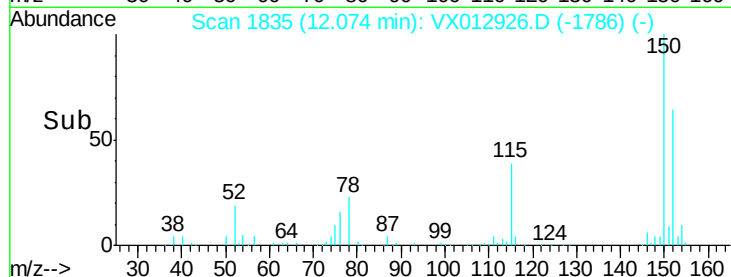
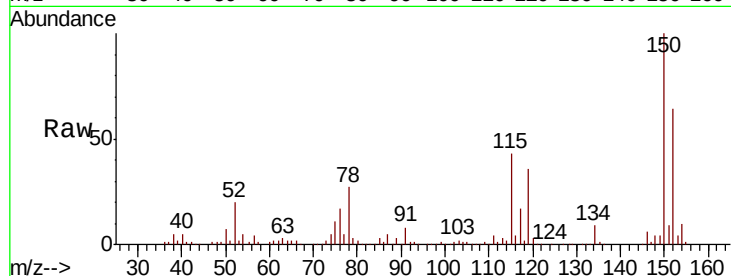
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	85.8	44.5	133.5
150	170.1	0.0	353.4

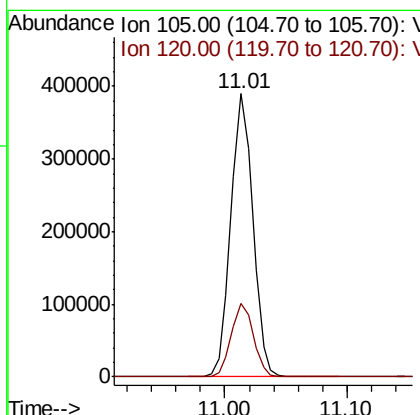
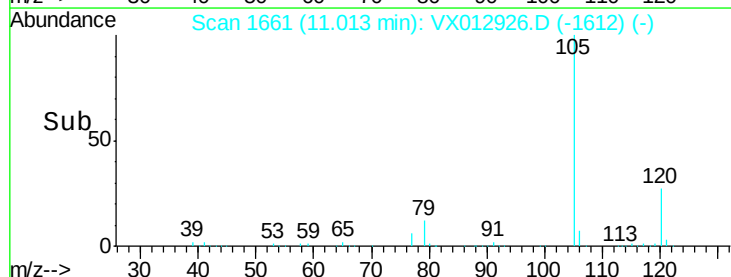
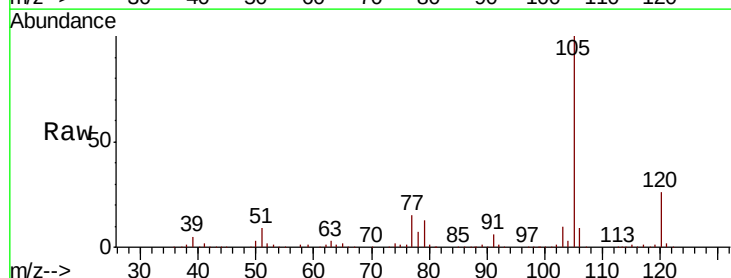
Manual Integrations
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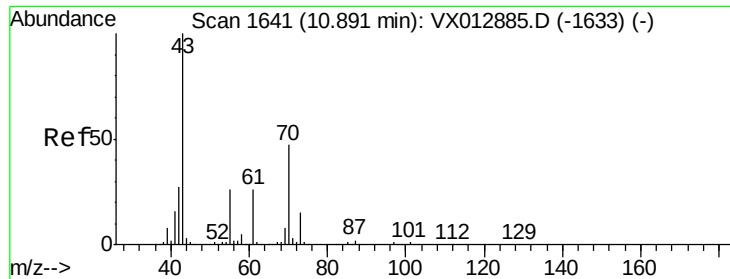
MMDadoda
 10/9/2019 10:39:21 AM



#73
 Isopropylbenzene
 Concen: 51.829 ug/l
 RT: 11.01 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.0	39.0





#74

N-amvl acetate

Concen: 47.657 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

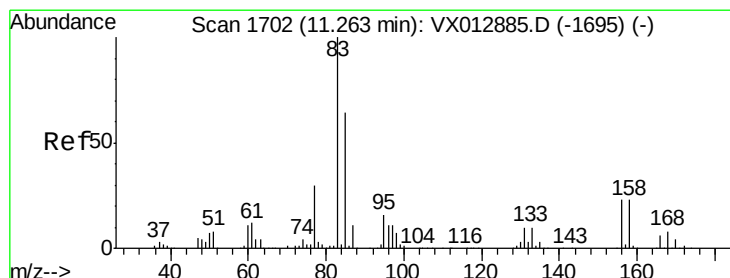
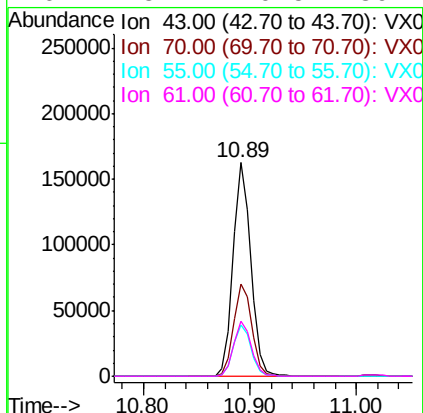
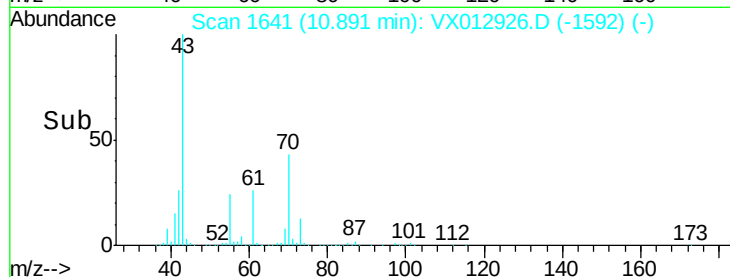
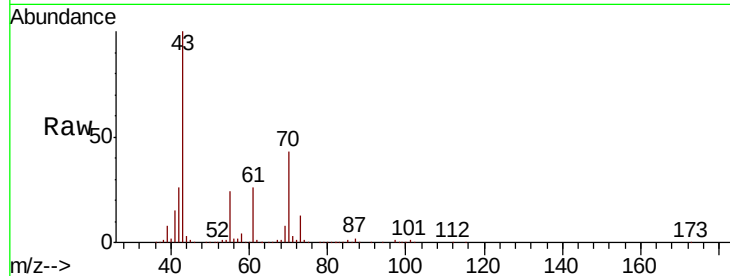
ClientSampleId :

FC-MW10S-20191002MSD

Tot Ion	Ratio	Lower	Upper
43	100		
70	44.5	36.4	54.6
55	24.3	20.2	30.2
61	25.4	20.5	30.7

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#75

1,1,2,2-Tetrachloroethane

Concen: 52.552 ug/l

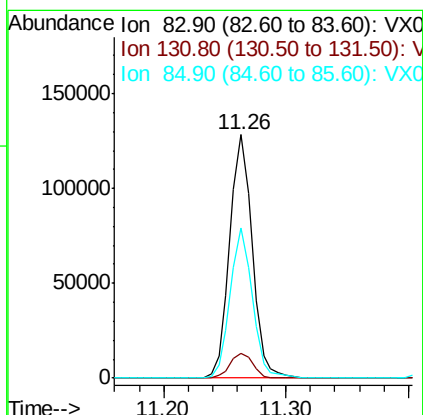
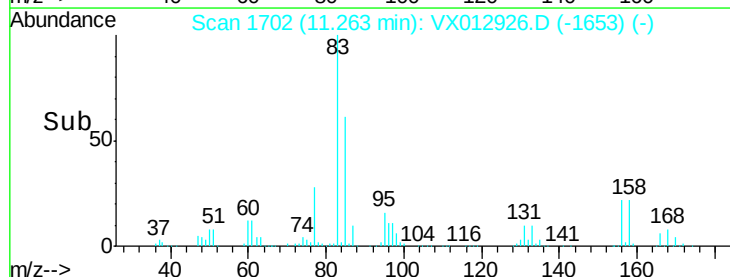
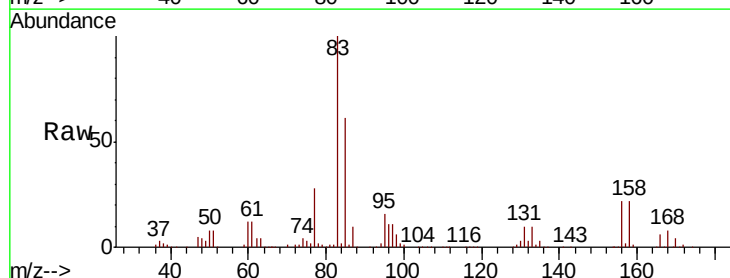
RT: 11.26 min Scan# 1702

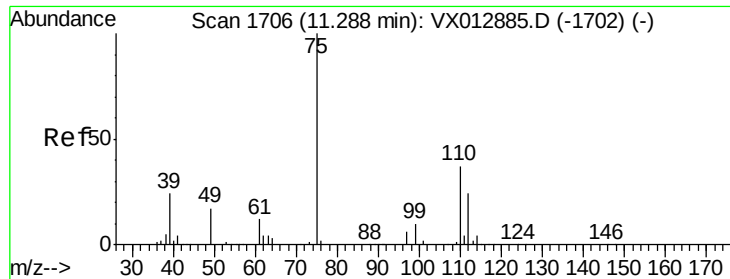
Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.1	15.3
85	61.0	32.1	96.5





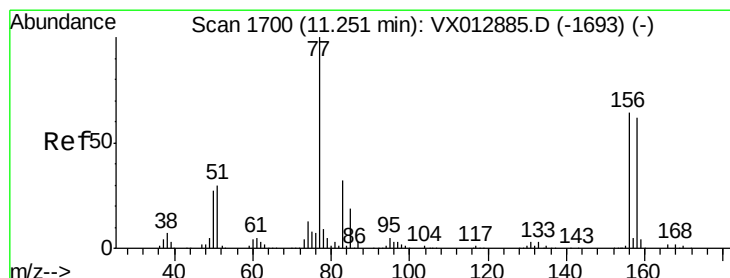
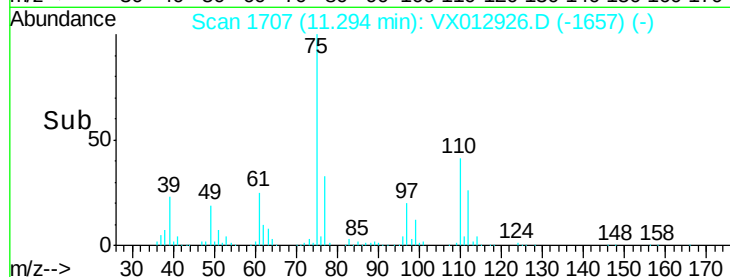
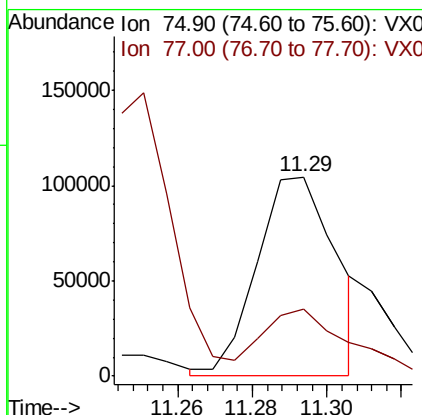
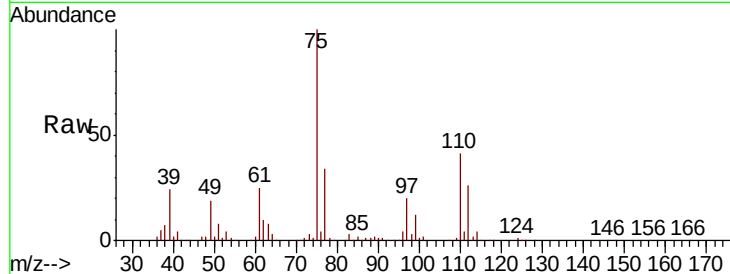
#76
 1,2,3-Trichloropropane
 Concen: 54.337 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

Tot Ion: 75 Resp: 152821
 Ion Ratio Lower Upper
 75 100
 77 37.0 22.9 68.8

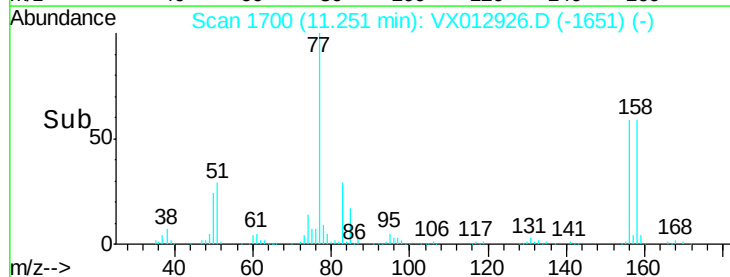
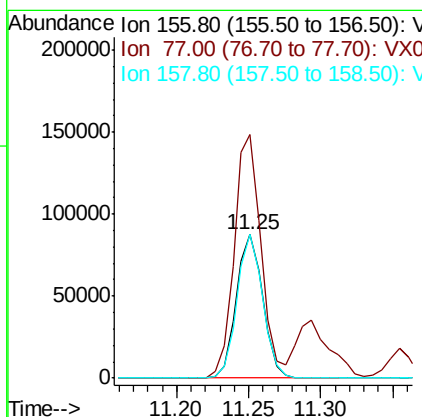
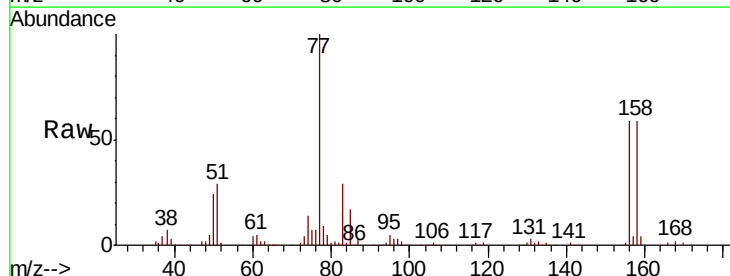
Manual Integrations
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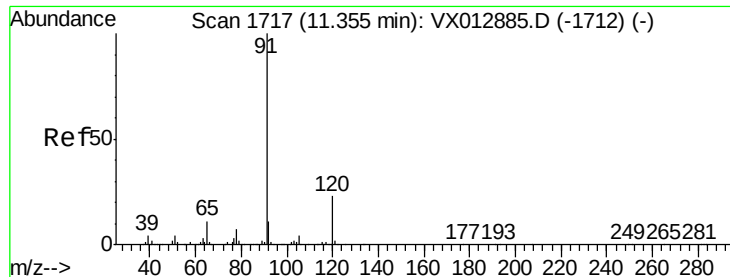
MMDadoda
 10/9/2019 10:39:21 AM



#77
 Bromobenzene
 Concen: 51.049 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Tgt Ion: 156 Resp: 112149
 Ion Ratio Lower Upper
 156 100
 77 172.5 83.7 251.0
 158 97.3 48.6 145.9





#78

n-propylbenzene

Concen: 52.081 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MSD

Tot Ion: 91 Resp: 534274

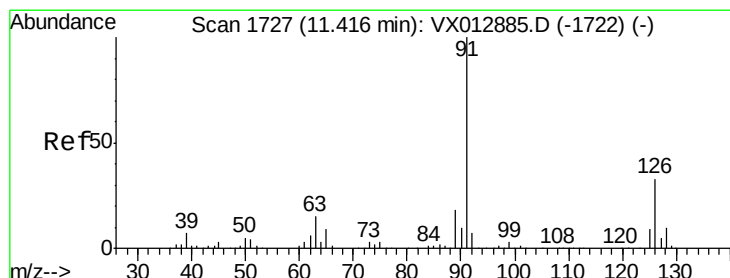
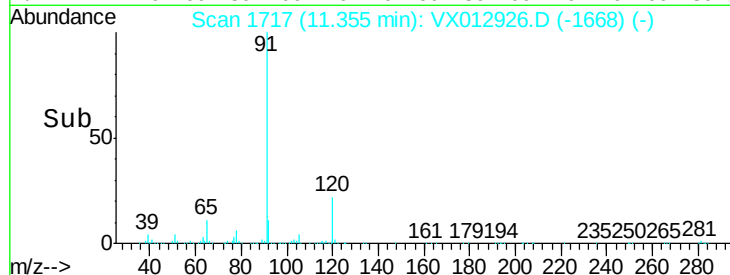
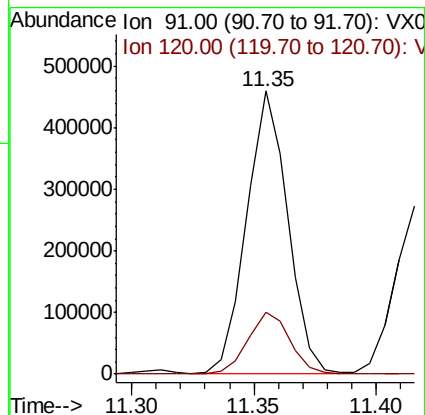
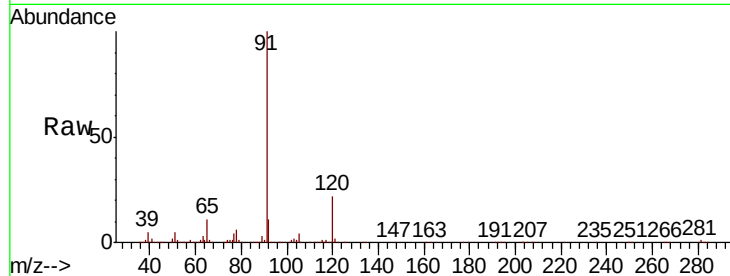
Ion Ratio Lower Upper

91 100

120 22.6 11.7 35.1

Manual Integrations
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#79

2-Chlorotoluene

Concen: 51.286 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012926.D

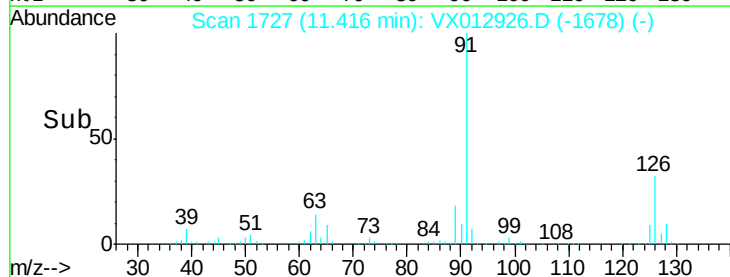
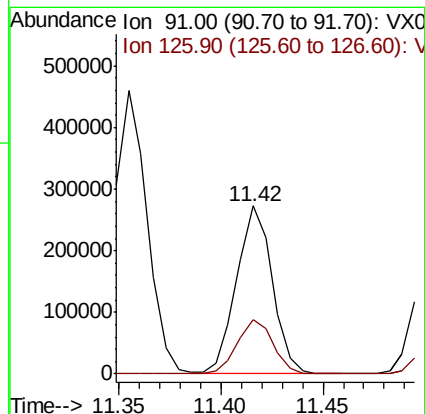
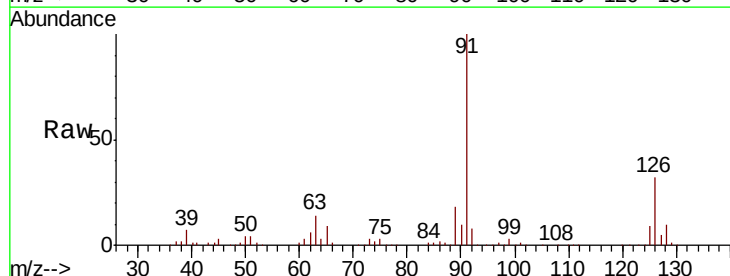
Acq: 09 Oct 2019 06:38

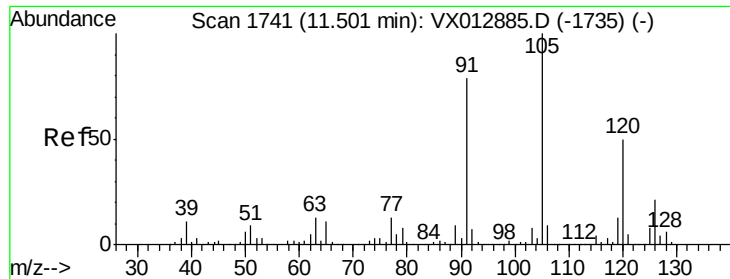
Tgt Ion: 91 Resp: 330650

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.8





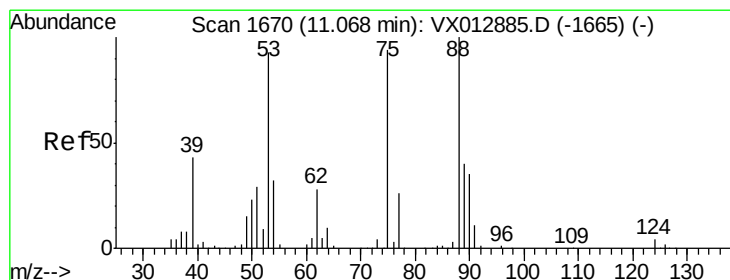
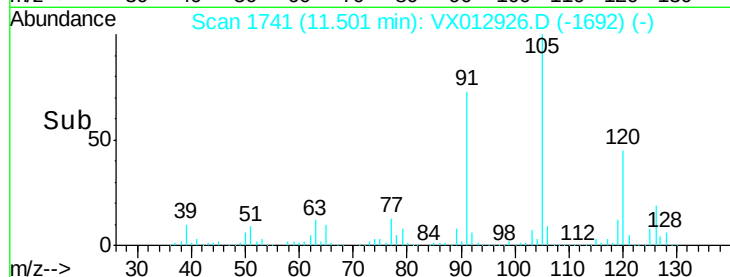
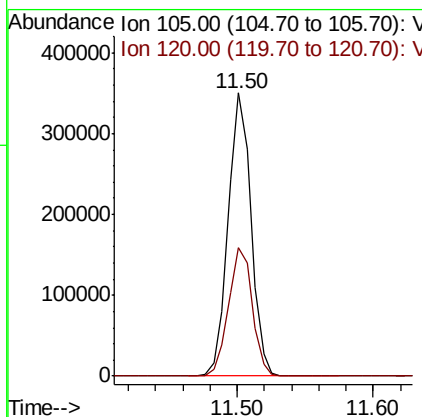
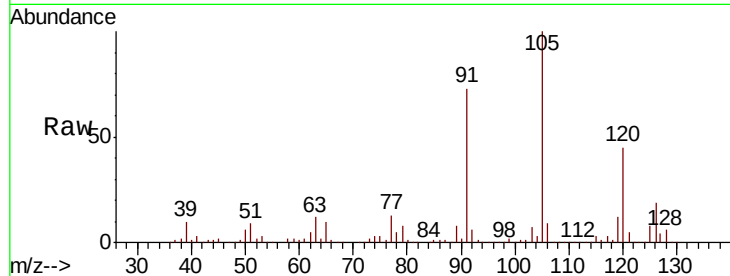
#80
 1,3,5-Trimethylbenzene
 Concen: 52.470 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

Tot Ion:105 Resp: 408457
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.8 74.3

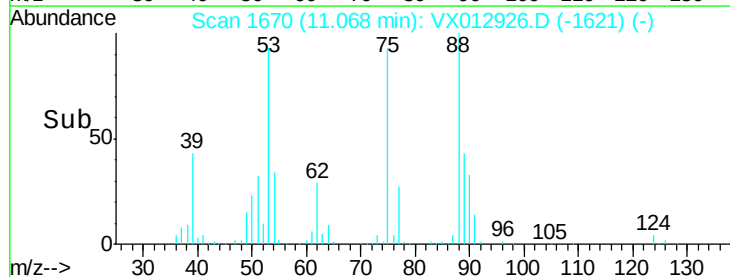
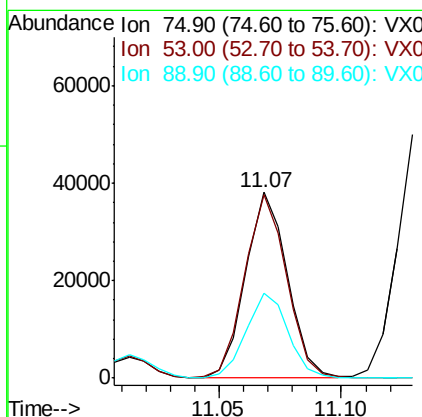
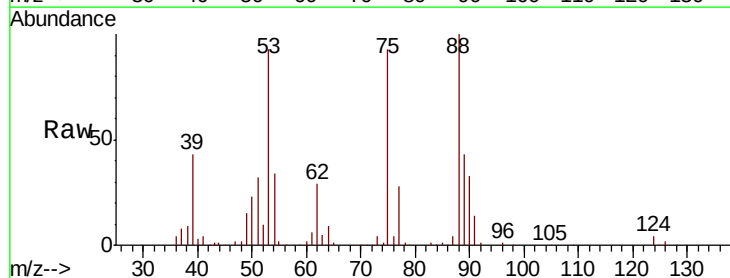
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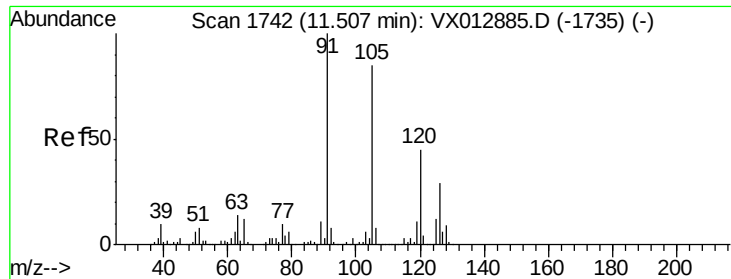
MMDadoda
 10/9/2019 10:39:21 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.909 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Tgt Ion: 75 Resp: 45049
 Ion Ratio Lower Upper
 75 100
 53 99.4 78.5 117.7
 89 46.3 37.4 56.2





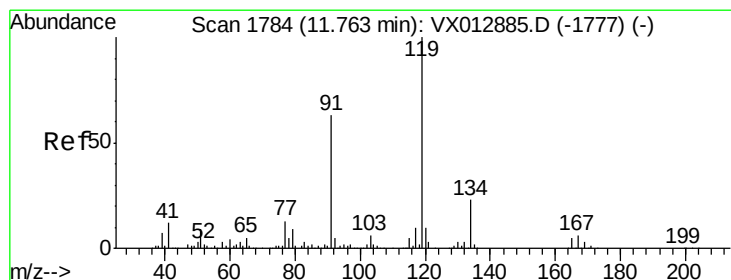
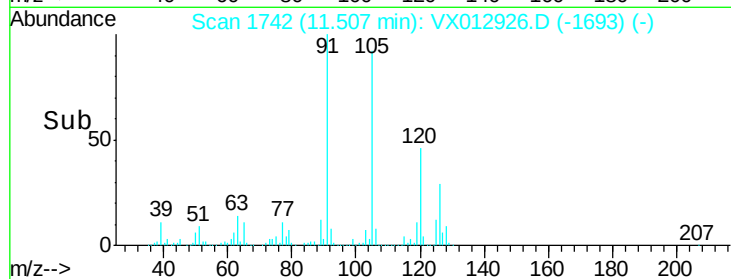
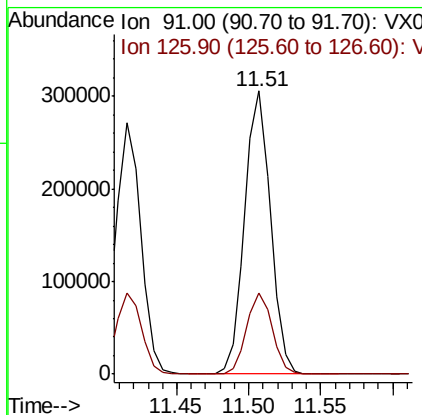
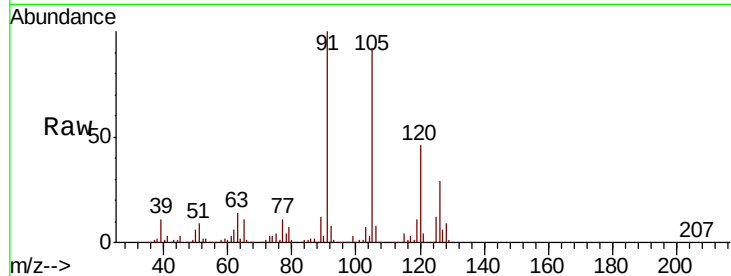
#82
4-Chlorotoluene
Concen: 51.399 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

Tot Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.2	42.6

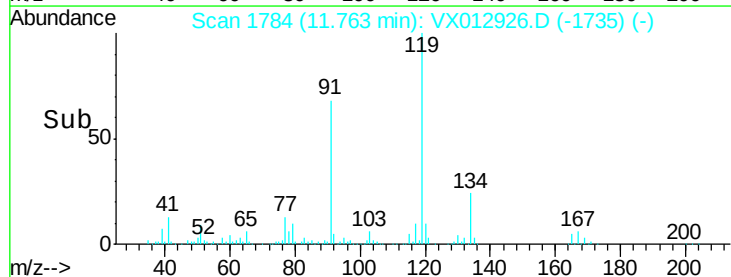
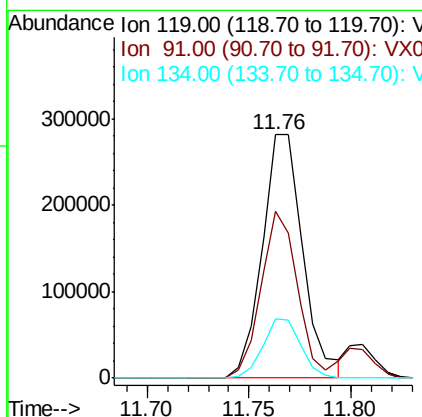
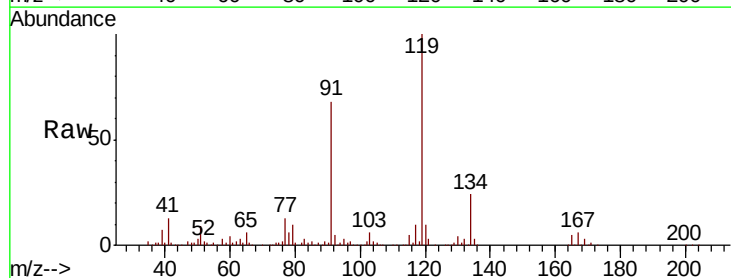
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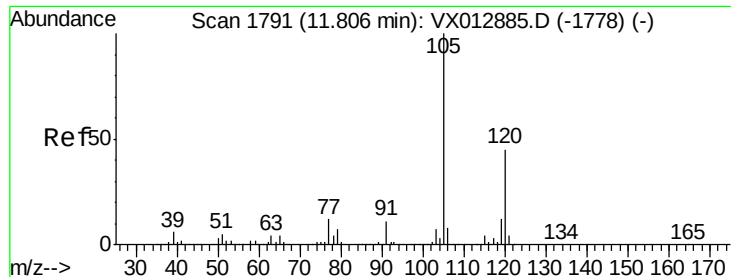
MMDadoda
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#83
tert-Butylbenzene
Concen: 51.572 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion	Ratio	Lower	Upper
119	100		
91	61.3	29.3	87.9
134	22.9	11.5	34.4





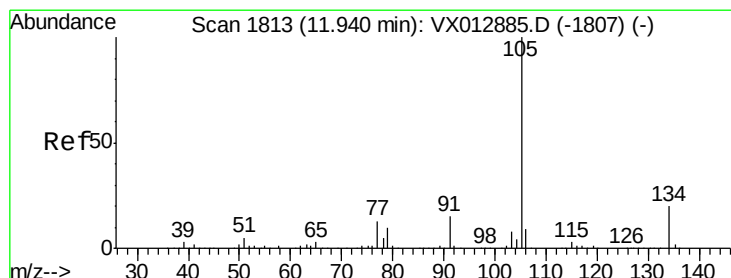
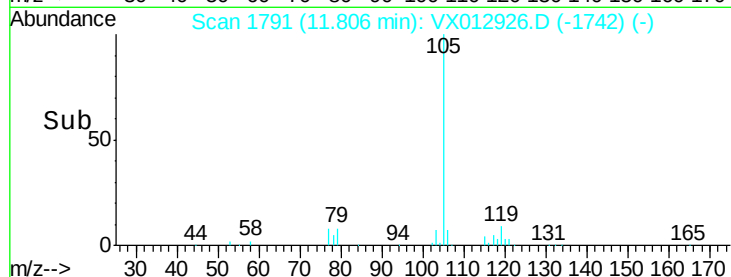
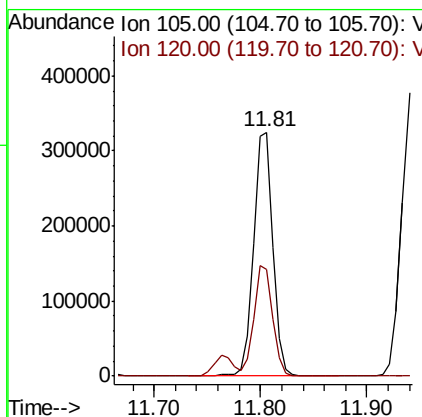
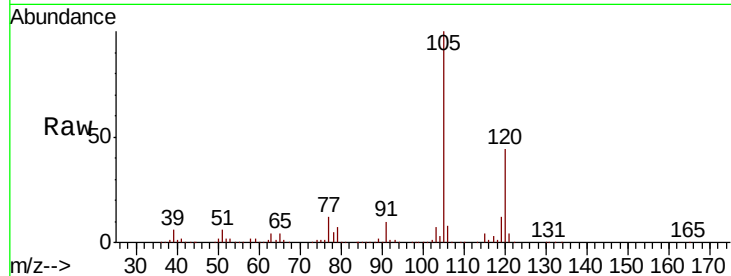
#84
1,2,4-Trimethylbenzene
Concen: 52.276 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

Tot Ion:105 Resp: 412148
Ion Ratio Lower Upper
105 100
120 43.8 21.8 65.3

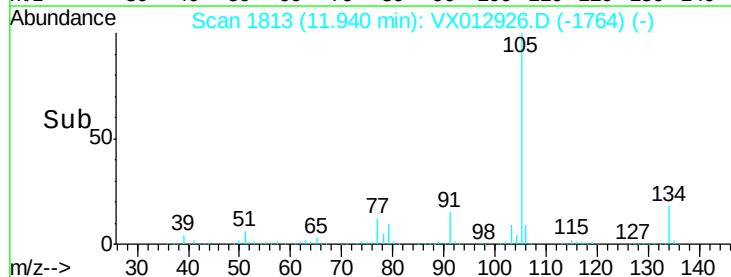
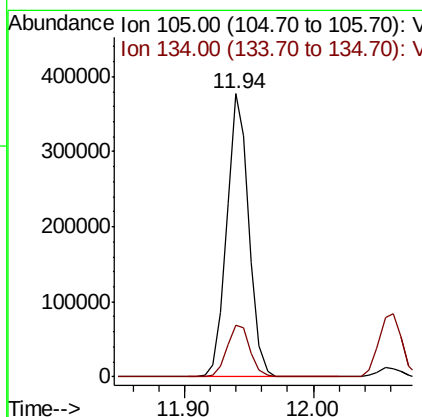
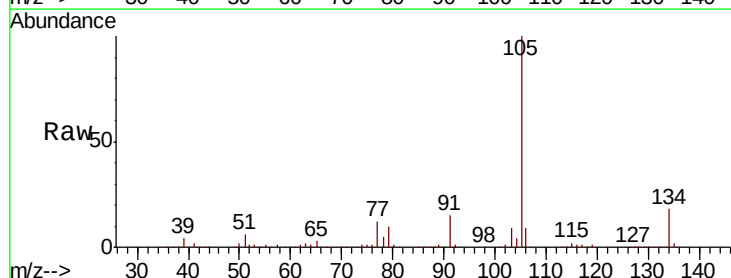
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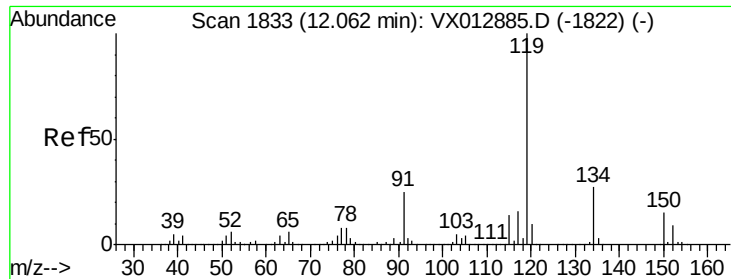
MMDadoda
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#85
sec-Butylbenzene
Concen: 51.448 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion:105 Resp: 452623
Ion Ratio Lower Upper
105 100
134 19.2 10.0 30.0





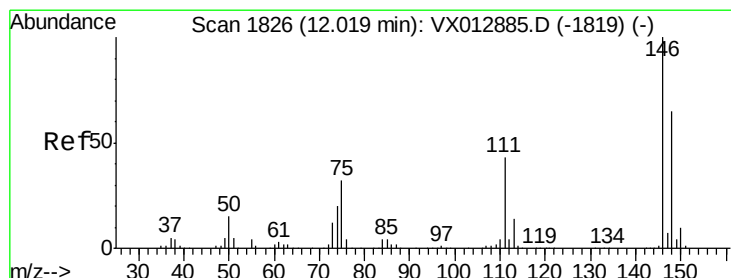
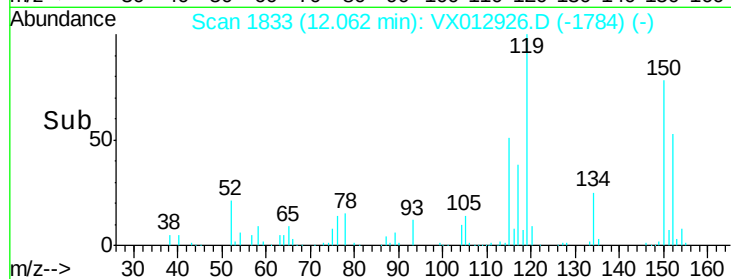
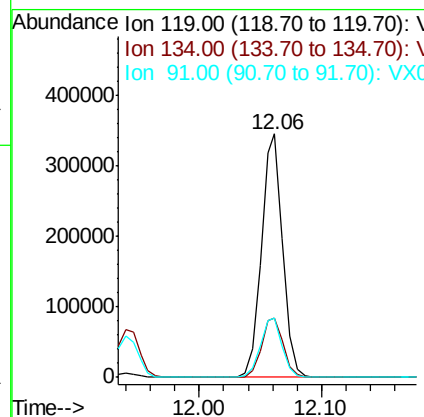
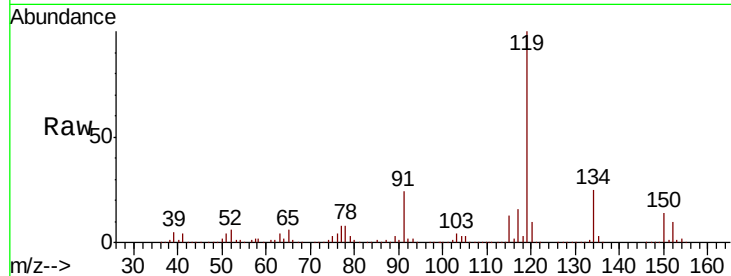
#86
 p-Isopropyltoluene
 Concen: 51.204 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.6	37.8
91	24.9	12.4	37.4

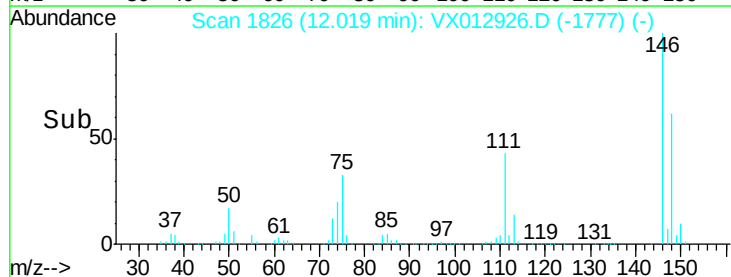
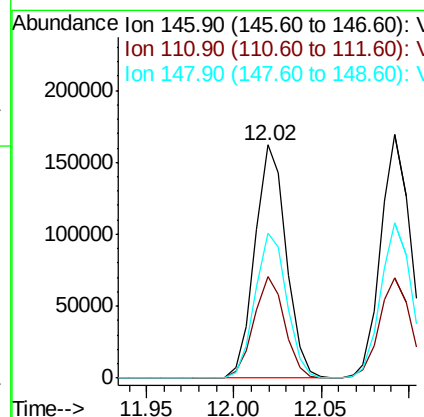
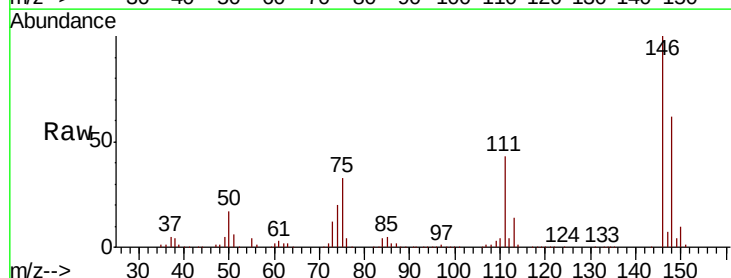
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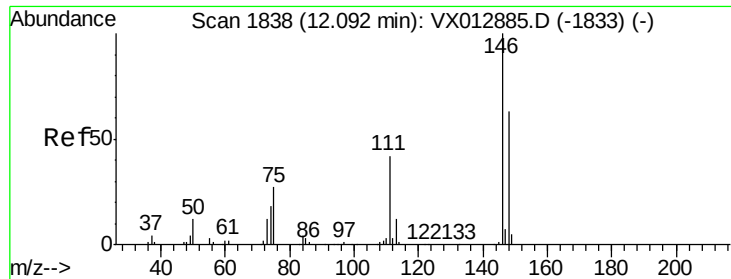
MMDadoda
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#87
 1,3-Dichlorobenzene
 Concen: 49.444 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.1	63.4
148	63.1	31.6	95.0





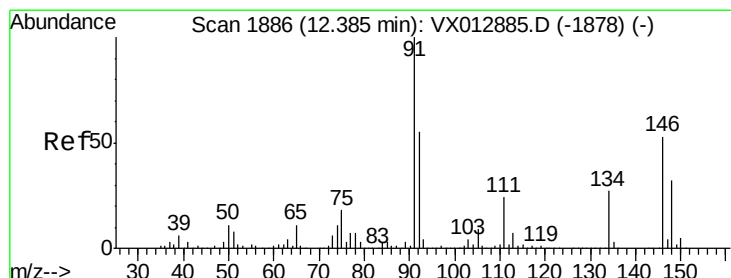
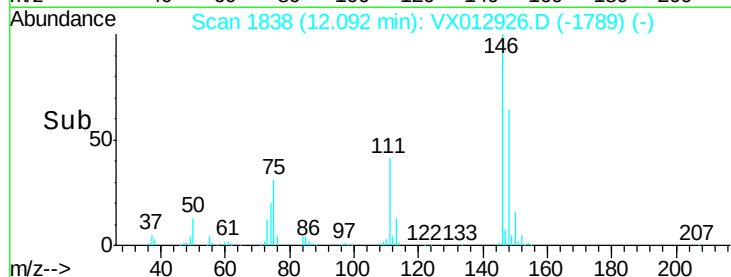
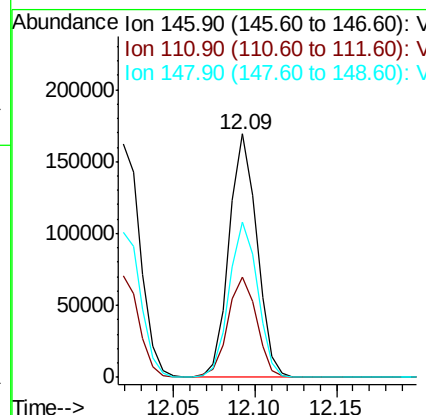
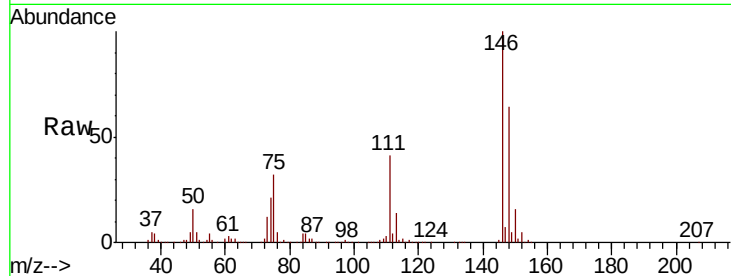
#88
 1,4-Dichlorobenzene
 Concen: 48.701 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.4	64.3
148	65.2	32.1	96.5

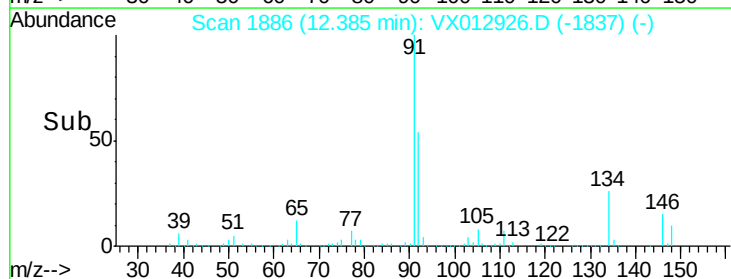
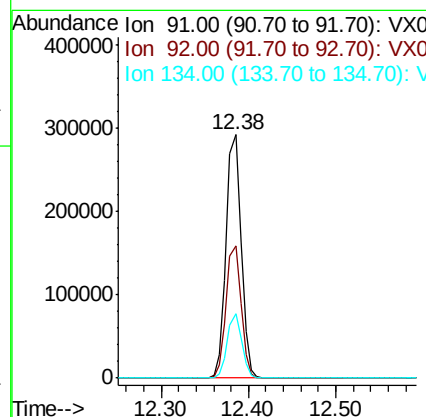
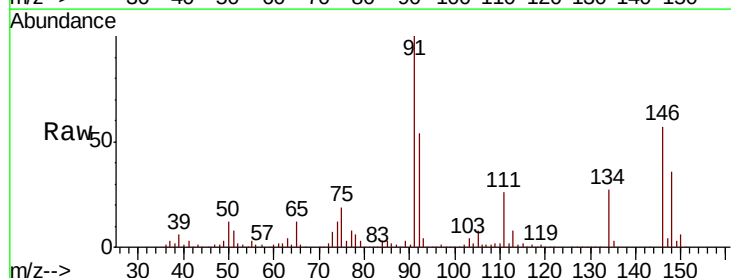
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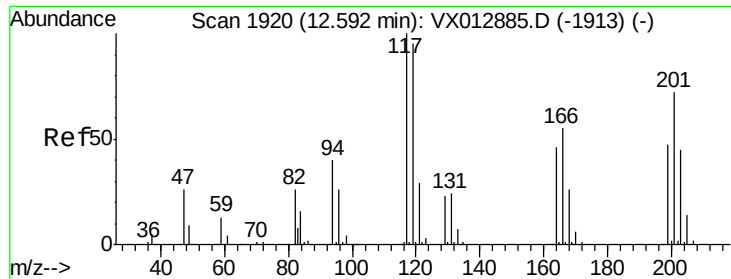
MMDadoda
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#89
 n-Butylbenzene
 Concen: 50.433 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.5	82.5
134	25.4	12.9	38.7





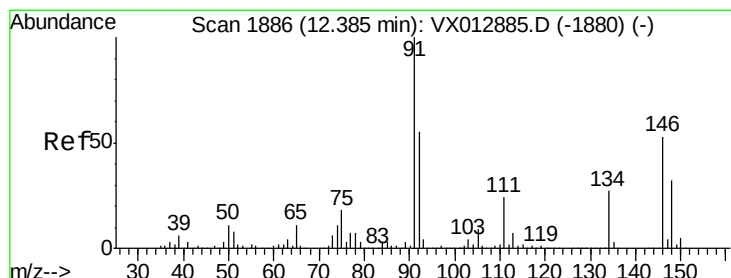
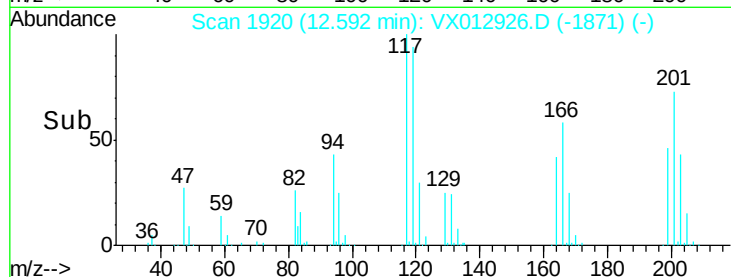
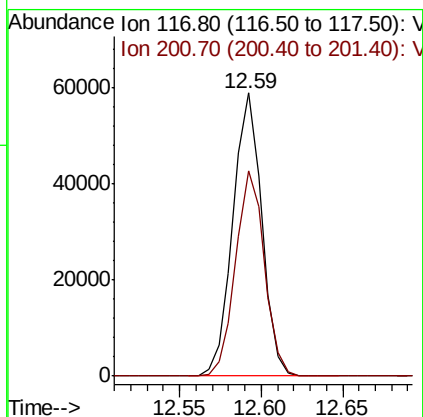
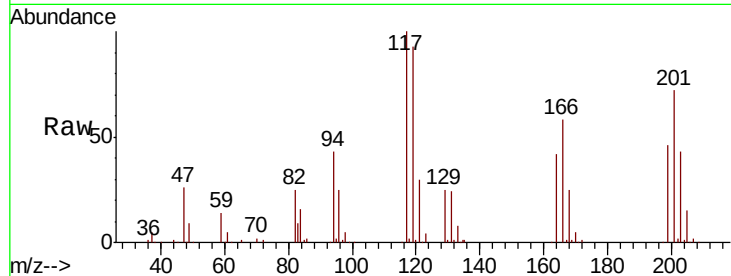
#90
Hexachloroethane
Concen: 47.946 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

Tot Ion:117 Resp: 72320
Ion Ratio Lower Upper
117 100
201 72.7 36.9 110.7

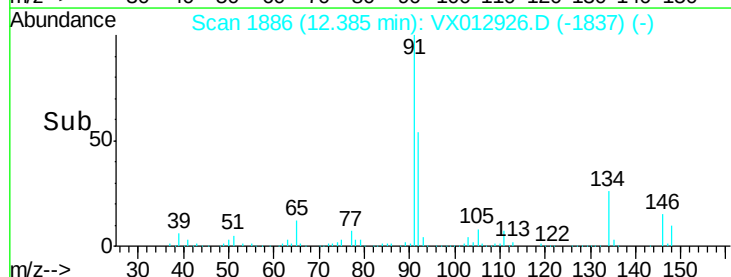
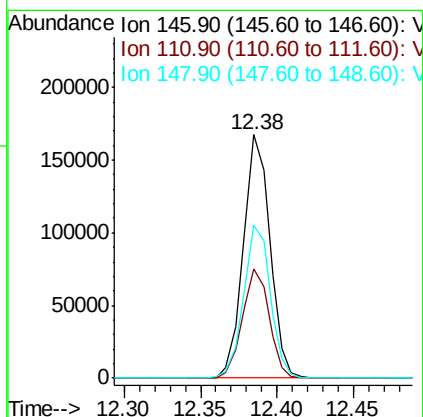
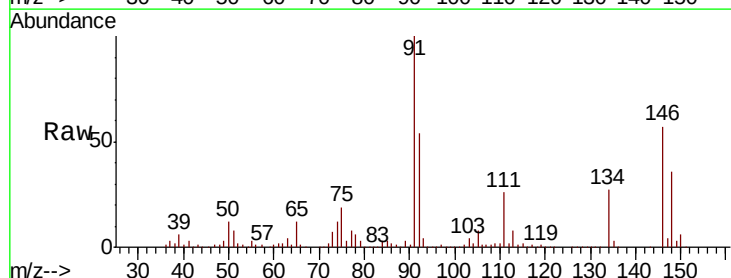
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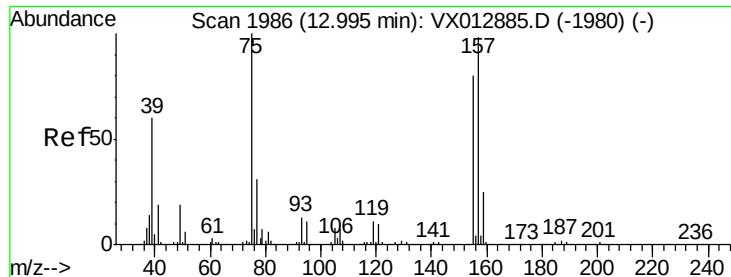
MMDadoda
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#91
1,2-Dichlorobenzene
Concen: 50.646 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012926.D
Acq: 09 Oct 2019 06:38

Tgt Ion:146 Resp: 202559
Ion Ratio Lower Upper
146 100
111 45.0 22.7 68.0
148 63.0 31.6 94.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.372 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MSD

Tot Ion: 75 Resp: 38789

Ion Ratio Lower Upper

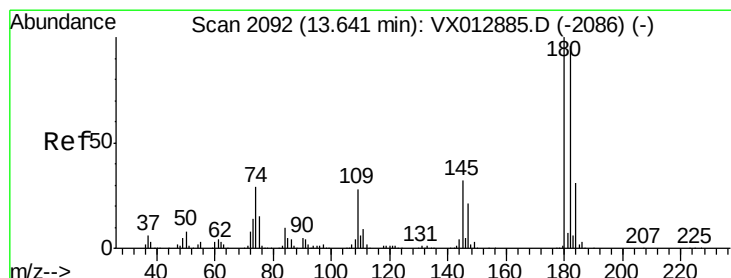
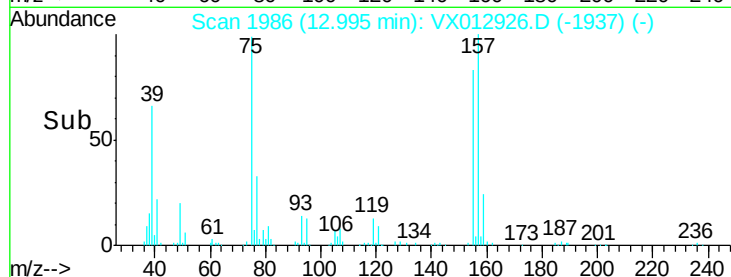
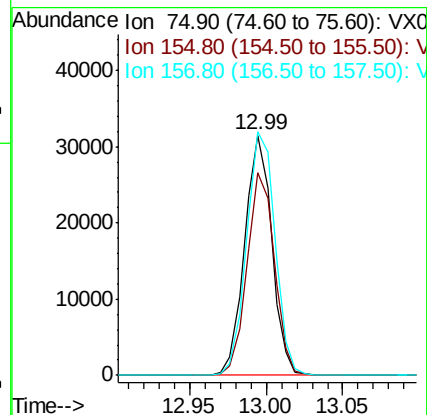
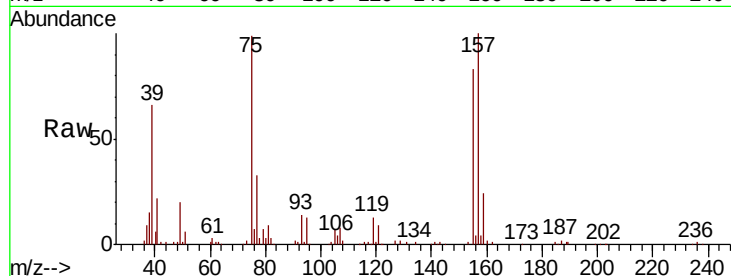
75 100

155 85.0 43.0 128.8

157 106.0 54.1 162.3

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#93

1,2,4-Trichlorobenzene

Concen: 48.271 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

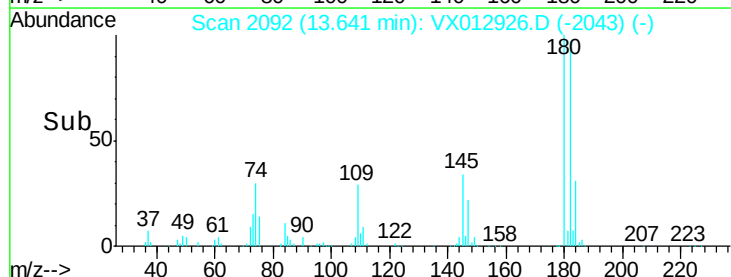
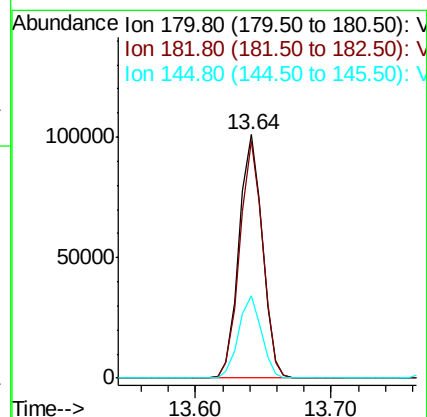
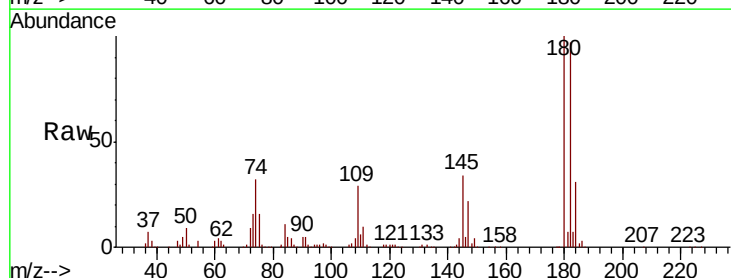
Tgt Ion: 180 Resp: 120939

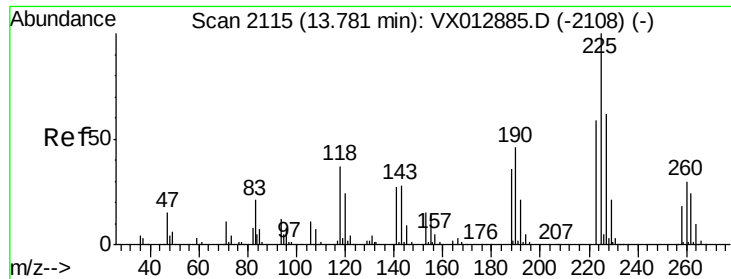
Ion Ratio Lower Upper

180 100

182 95.6 46.8 140.4

145 33.3 16.2 48.6





#94

Hexachlorobutadiene

Concen: 46.332 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Instrument :

MSVOA_X

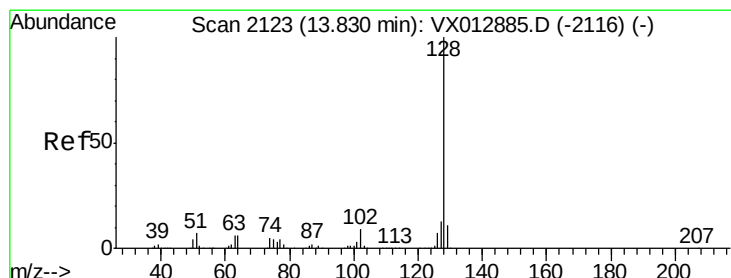
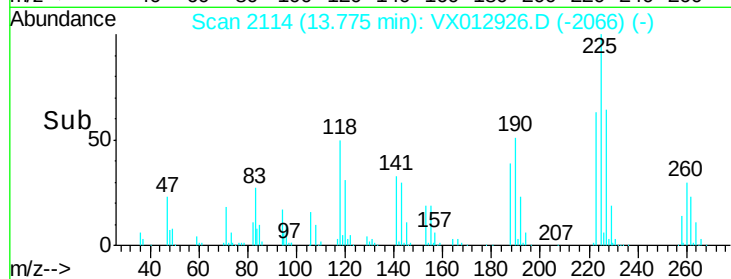
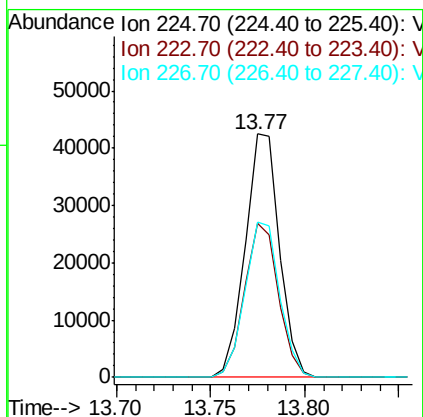
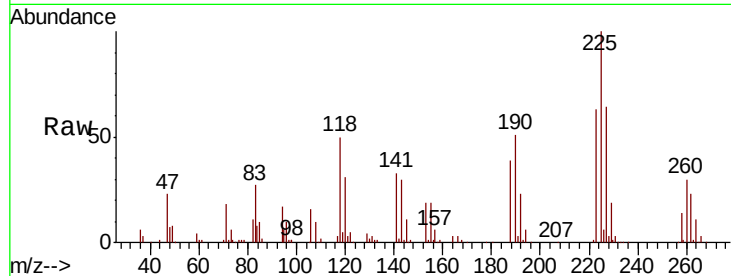
ClientSampleId :

FC-MW10S-20191002MSD

Tot Ion:	225	Resp:	53571
Ion Ratio	Lower	Upper	
225	100		
223	62.5	31.1	93.2
227	64.7	32.3	96.9

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10/9/2019 10:39:21 AM



#95

Naphthalene

Concen: 50.886 ug/l

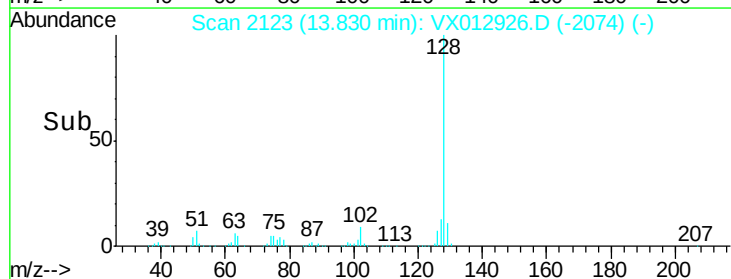
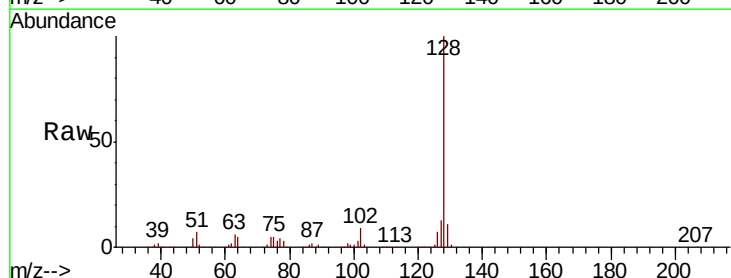
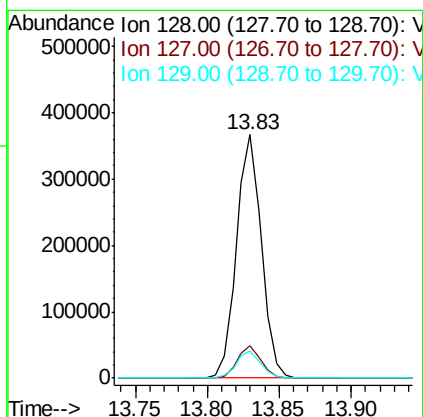
RT: 13.83 min Scan# 2123

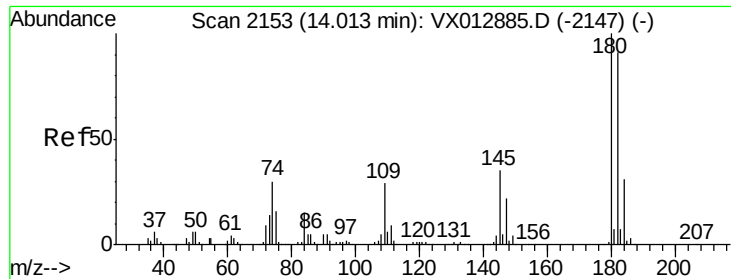
Delta R.T. -0.00 min

Lab File: VX012926.D

Acq: 09 Oct 2019 06:38

Tgt Ion:	128	Resp:	441947
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	11.0	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 48.737 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX012926.D
 Acq: 09 Oct 2019 06:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

Tot Ion:	180	Resp:	126184
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.5	142.5
145	35.4	17.4	52.3

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:39:21 AM

