

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091619\
 Data File : VX012406.D
 Acq On : 16 Sep 2019 13:57
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 5:04:16 PM

Quant Time: Sep 17 04:34:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 04:04:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	122957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	194663	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	189594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121144	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	236137	157.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.28%	
35) Dibromofluoromethane	5.49	113	176649	127.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	254.90%	
50) Toluene-d8	8.71	98	652423	134.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	269.08%	
62) 4-Bromofluorobenzene	11.13	95	276610	142.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	284.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	118405	103.794	ug/l	99
3) Chloromethane	1.31	50	97867	96.952	ug/l	98
4) Vinyl Chloride	1.40	62	106947	104.590	ug/l	99
5) Bromomethane	1.62	94	38071	71.472	ug/l	100
6) Chloroethane	1.70	64	68094	112.980	ug/l	98
7) Trichlorofluoromethane	1.91	101	193543	115.327	ug/l	96
8) Diethyl Ether	2.18	74	80014	133.968	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	138221	129.741	ug/l	99
10) Methyl Iodide	2.50	142	140137	114.154	ug/l	100
11) Tert butyl alcohol	3.05	59	304353	944.008	ug/l	99
12) 1,1-Dichloroethene	2.36	96	110935	110.361	ug/l	92
13) Acrolein	2.28	56	121215	924.110	ug/l	99
14) Allyl chloride	2.72	41	253740	150.617	ug/l	99
15) Acrylonitrile	3.14	53	527927	819.563	ug/l	99
16) Acetone	2.44	43	517894	823.257	ug/l	98
17) Carbon Disulfide	2.55	76	157164	68.448	ug/l	100
18) Methyl Acetate	2.76	43	246715	151.120	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	580667	161.638	ug/l	98
20) Methylene Chloride	2.84	84	144637	123.484	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	116653	109.006	ug/l	92
22) Diisopropyl ether	3.84	45	566771	165.037	ug/l	95
23) Vinyl Acetate	3.81	43	2446890	856.055	ug/l	99
24) 1,1-Dichloroethane	3.69	63	284085	147.419	ug/l	100
25) 2-Butanone	4.67	43	796130	865.704	ug/l	100
26) 2,2-Dichloropropane	4.57	77	265681	156.879	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	168994	130.626	ug/l	100
28) Bromochloromethane	5.00	49	133277	149.467	ug/l	99
29) Tetrahydrofuran	5.12	42	474571	829.832	ug/l	99
30) Chloroform	5.20	83	313968	148.078	ug/l	99
31) Cyclohexane	5.56	56	173296	110.550	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	275910	150.876	ug/l	100
36) 1,1-Dichloropropene	5.79	75	177957	112.580	ug/l	99
37) Ethyl Acetate	4.83	43	281724	154.653	ug/l	99
38) Carbon Tetrachloride	5.78	117	227852	123.830	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	184811	98.486	ug/l	96
40) Benzene	6.14	78	571587	115.472	ug/l	97
41) Methacrylonitrile	5.03	41	166956	154.997	ug/l	99
42) 1,2-Dichloroethane	6.18	62	252108	133.797	ug/l	100
43) Isopropyl Acetate	6.43	43	480485	160.270	ug/l	100
44) Trichloroethene	7.20	130	154845	104.481	ug/l	100
45) 1,2-Dichloropropane	7.51	63	168672	131.858	ug/l	99
46) Dibromomethane	7.65	93	113831	122.720	ug/l	99
47) Bromodichloromethane	7.89	83	261479	149.046	ug/l	99
48) Methyl methacrylate	7.76	41	230961	157.428	ug/l	100
49) 1,4-Dioxane	7.73	88	113547	2851.481	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1593347	805.862	ug/l	99
52) Toluene	8.78	92	373416	116.879	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	281282	153.422	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	285633	144.756	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	184843	133.864	ug/l	98
56) Ethyl methacrylate	9.17	69	306633	154.027	ug/l	99
57) 1,3-Dichloropropane	9.37	76	298630	132.361	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	811662	768.811	ug/l	100
59) 2-Hexanone	9.49	43	1241202	820.914	ug/l	99
60) Dibromochloromethane	9.58	129	212832	142.042	ug/l	99
61) 1,2-Dibromoethane	9.67	107	180536	125.282	ug/l	100
64) Tetrachloroethene	9.33	164	122482	83.505	ug/l	98
65) Chlorobenzene	10.14	112	445308	114.780	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	194117	130.659	ug/l	99
67) Ethyl Benzene	10.25	91	772385	119.525	ug/l	96
68) m/p-Xylenes	10.35	106	574283	233.354	ug/l	98
69) o-Xylene	10.70	106	293664	119.993	ug/l	100
70) Styrene	10.71	104	538966	130.022	ug/l	99
71) Bromoform	10.85	173	163519	130.400	ug/l #	100
73) Isopropylbenzene	11.01	105	817509	107.703	ug/l	99
74) N-amyl acetate	10.89	43	451040	142.821	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	322420	122.908	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	301397m	128.529	ug/l	
77) Bromobenzene	11.25	156	210234	96.097	ug/l	99
78) n-propylbenzene	11.35	91	947238	115.966	ug/l	100
79) 2-Chlorotoluene	11.42	91	592928	115.730	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	727282	114.198	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	113279	144.368	ug/l	96
82) 4-Chlorotoluene	11.51	91	696743	117.450	ug/l	99
83) tert-Butylbenzene	11.77	119	763082	120.023	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	737090	114.334	ug/l	99
85) sec-Butylbenzene	11.94	105	851581	117.006	ug/l	100
86) p-Isopropyltoluene	12.06	119	798949	115.504	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	395905	104.425	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	405864	105.258	ug/l	100
89) n-Butylbenzene	12.38	91	715188	123.095	ug/l	100
90) Hexachloroethane	12.59	117	158816	141.360	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	403603	104.582	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	88419	140.762	ug/l	99

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VSTDICC100

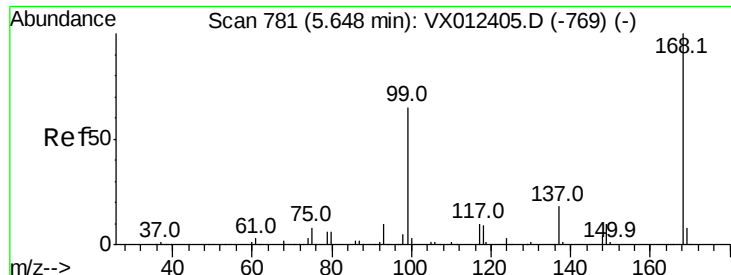
Manual Integrations
APPROVED

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	282056	101.472	ug/l	98
94) Hexachlorobutadiene	13.78	225	131456	87.147	ug/l	98
95) Naphthalene	13.83	128	988127	122.190	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	277324	98.879	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 122957

Ion Ratio Lower Upper

168 100

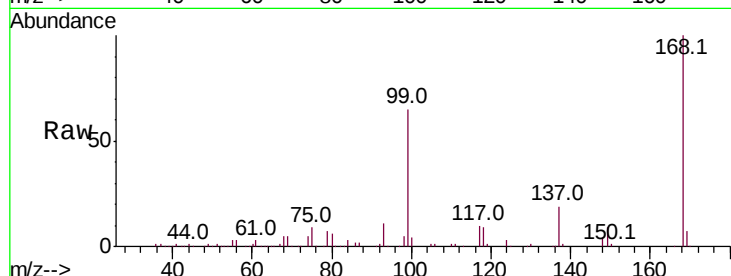
99 64.3 51.8 77.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

60000

50000

40000

30000

20000

10000

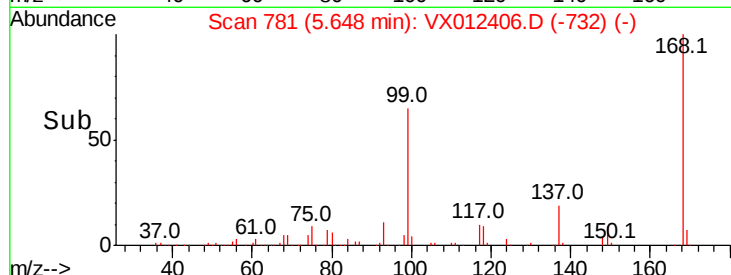
0

5.50

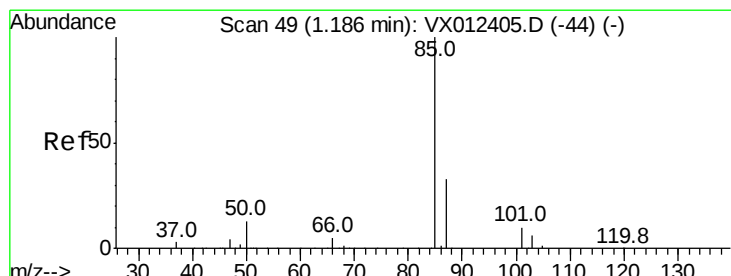
5.60

5.70

5.80



Time-->



#2

Dichlorodifluoromethane

Concen: 103.794 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012406.D

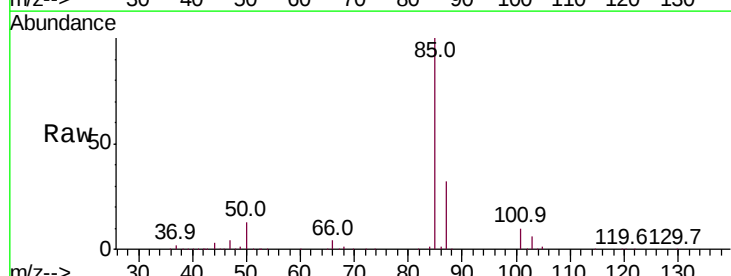
Acq: 16 Sep 2019 13:57

Tgt Ion: 85 Resp: 118405

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

50000

0

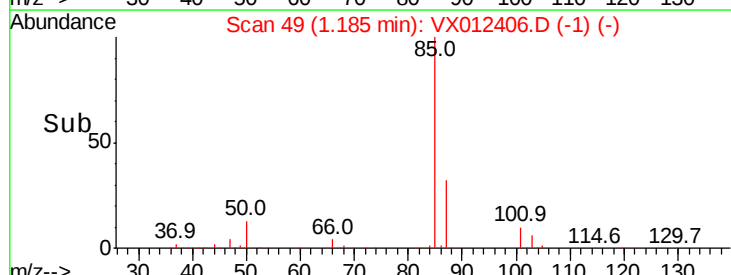
1.10

1.15

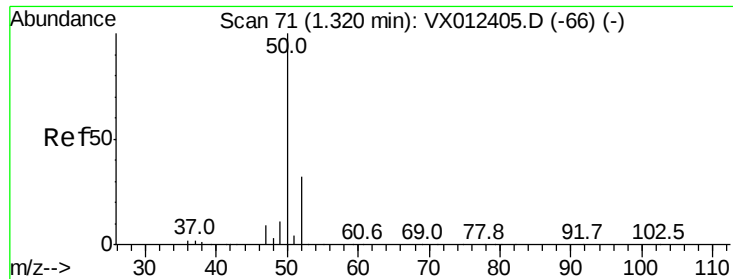
1.20

1.25

1.30



Time-->



#3

Chloromethane

Concen: 96.952 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 97867

Ion Ratio Lower Upper

50 100

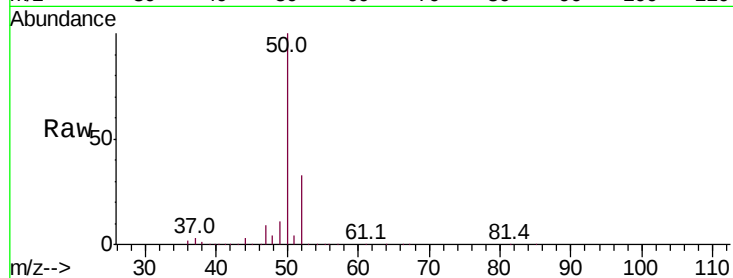
52 32.8 25.4 38.2

Manual Integrations

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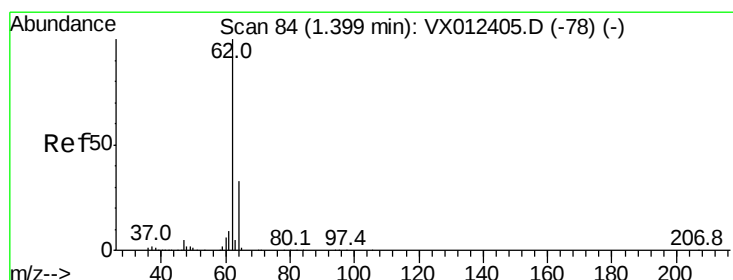
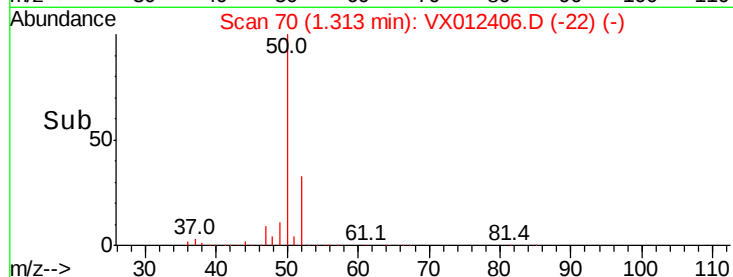
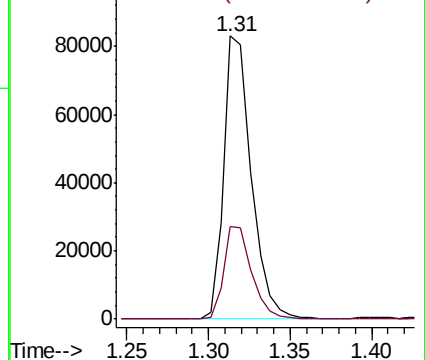
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 104.590 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012406.D

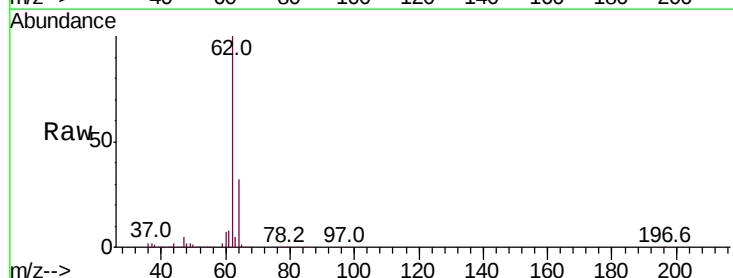
Acq: 16 Sep 2019 13:57

Tgt Ion: 62 Resp: 106947

Ion Ratio Lower Upper

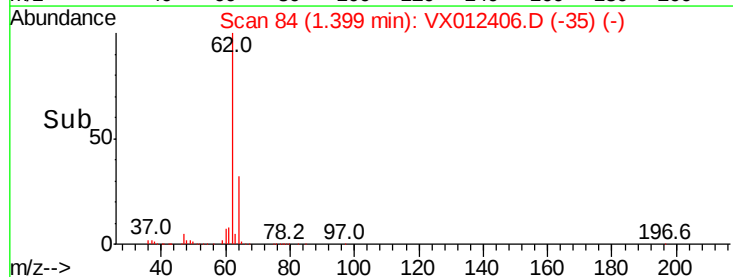
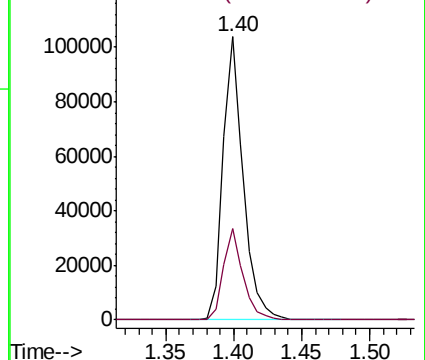
62 100

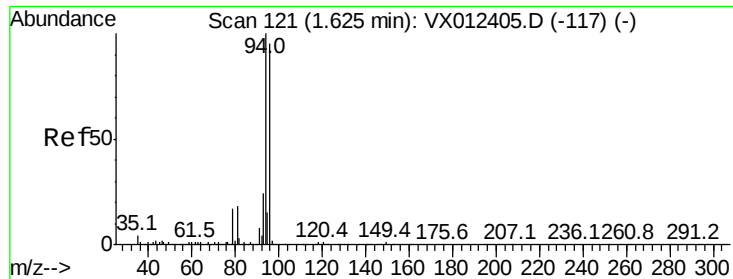
64 32.0 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 71.472 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 38071

Ion Ratio Lower Upper

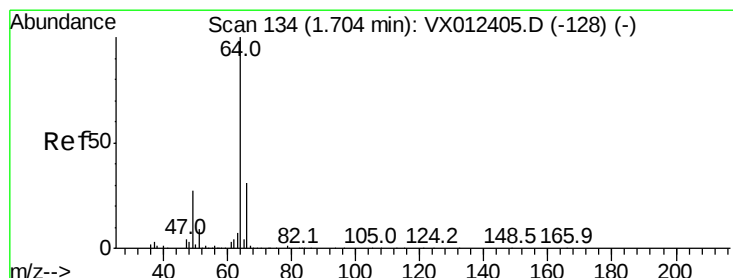
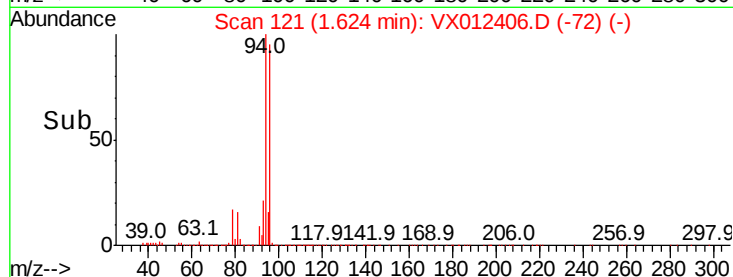
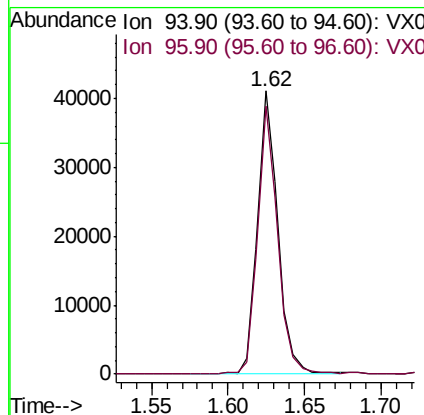
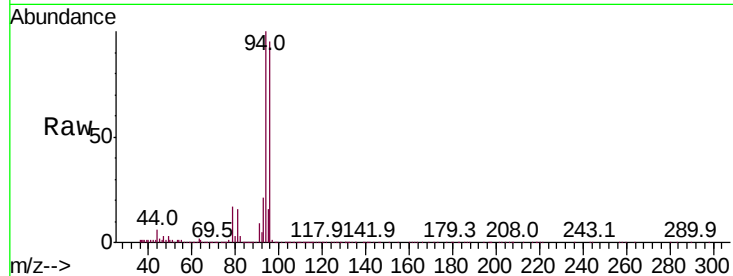
94 100

96 94.3 75.7 113.5

Manual Integrations
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#6

Chloroethane

Concen: 112.980 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX012406.D

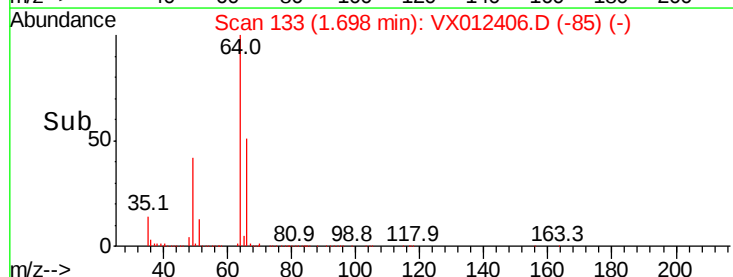
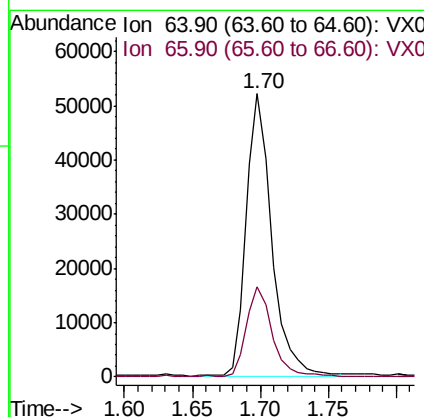
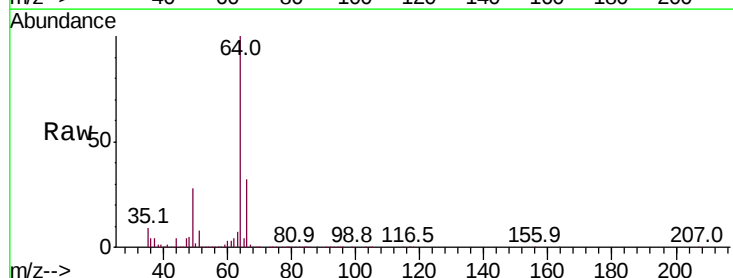
Acq: 16 Sep 2019 13:57

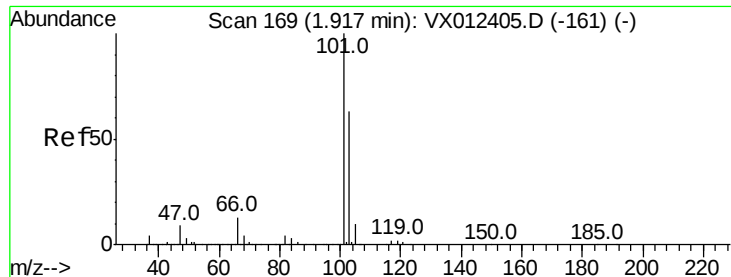
Tgt Ion: 64 Resp: 68094

Ion Ratio Lower Upper

64 100

66 31.8 24.7 37.1





#7

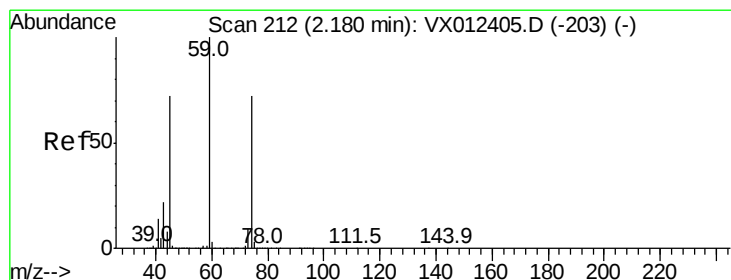
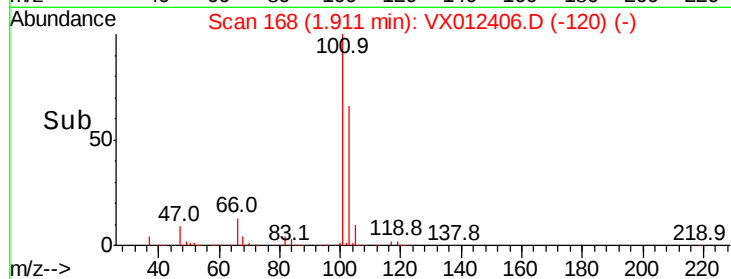
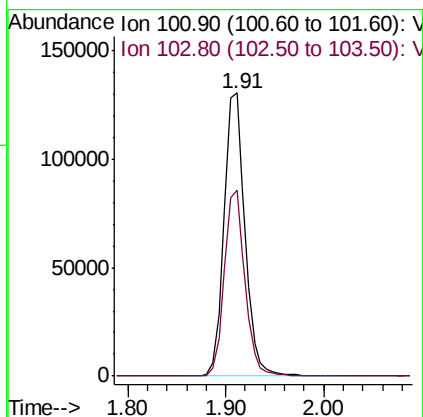
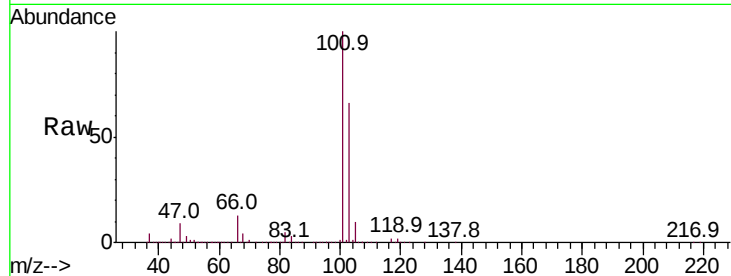
Trichlorofluoromethane
Concen: 115.327 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Instrument :
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ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
101	100	193543		
103	65.8	50.5	75.7	

Manual Integrations
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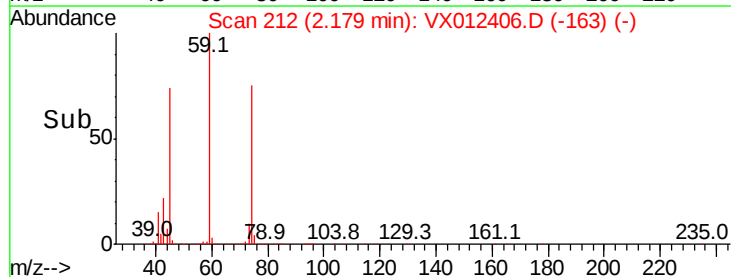
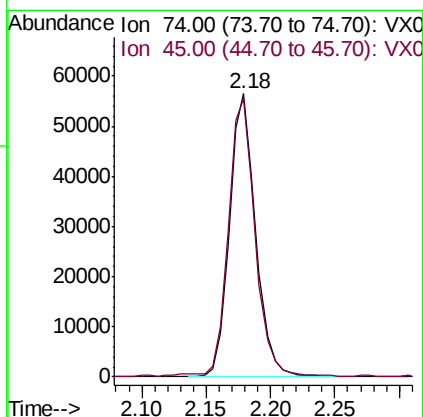
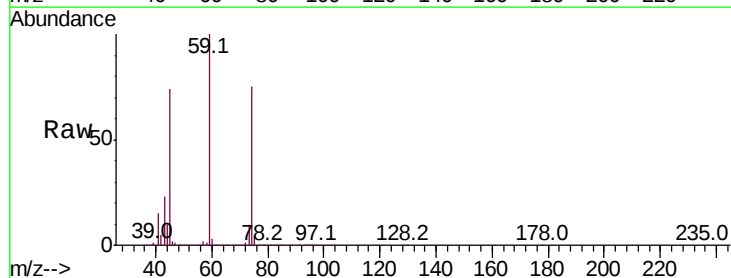
MMDadoda
9/23/2019 5:04:16 PM

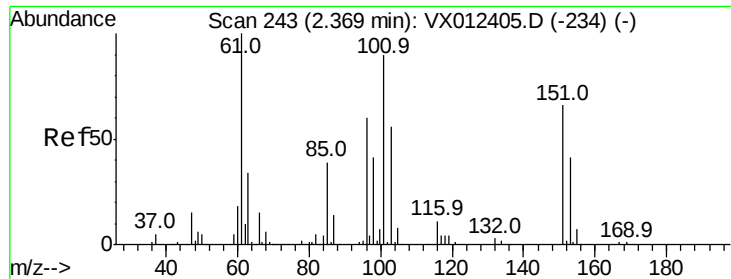


#8

Diethyl Ether
Concen: 133.968 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	80014		
45	100.5	50.6	151.9	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 129.741 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Instrument :

MSVOA_X

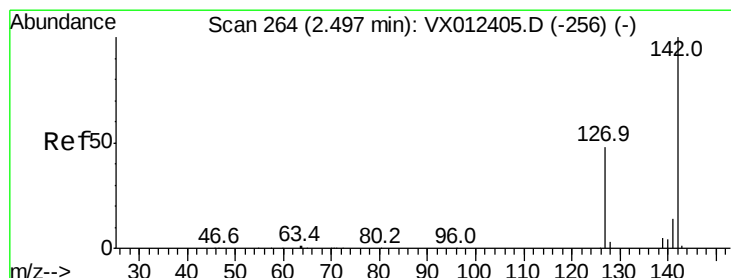
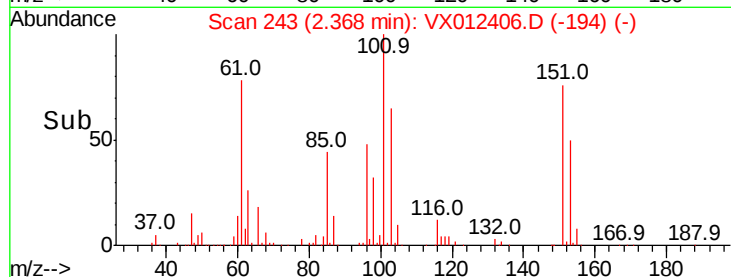
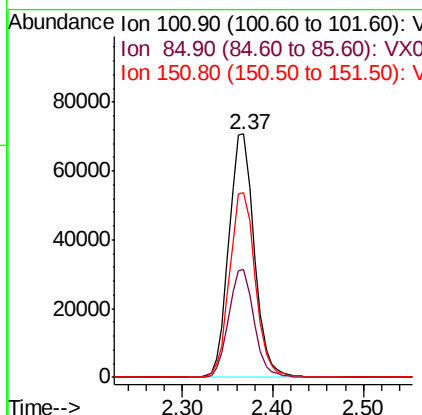
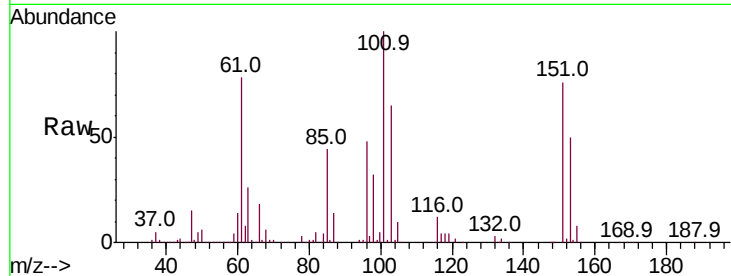
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	138221
Ion Ratio	Lower	Upper	
101	100		
85	44.1	36.3	54.5
151	76.6	61.1	91.7

Manual Integrations
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#10

Methyl Iodide

Concen: 114.154 ug/l

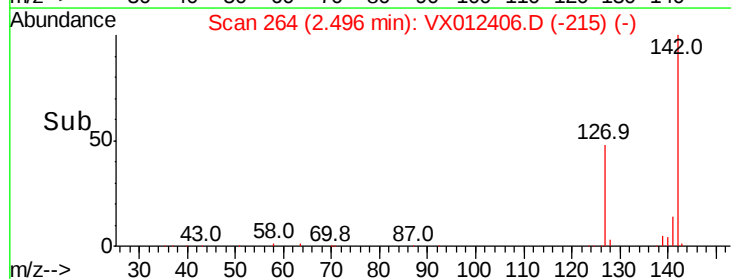
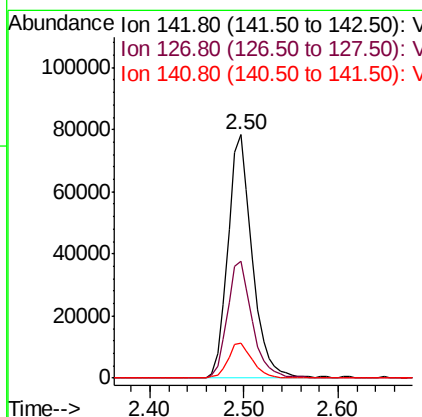
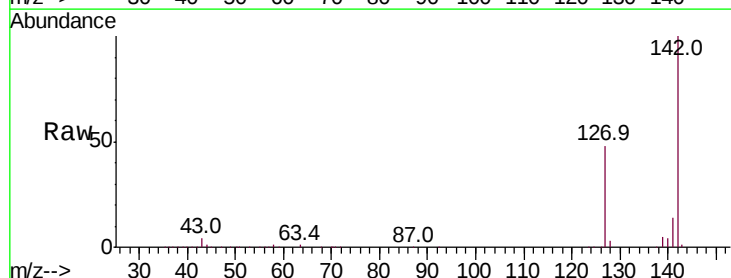
RT: 2.50 min Scan# 264

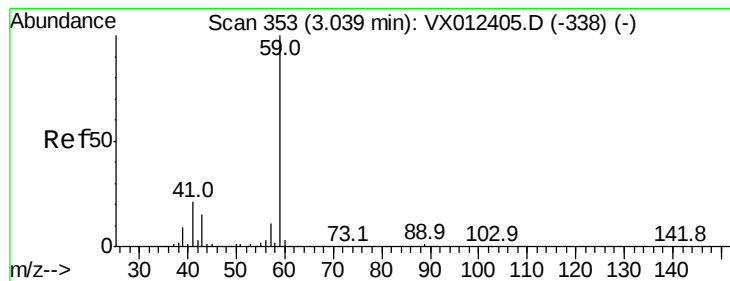
Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Tgt Ion:	142	Resp:	140137
Ion Ratio	Lower	Upper	
142	100		
127	49.3	39.6	59.4
141	14.6	11.6	17.4





#11

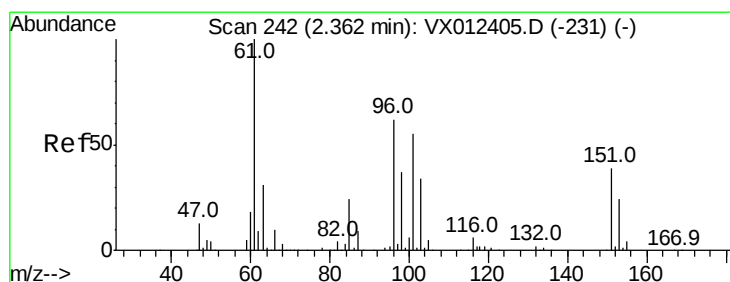
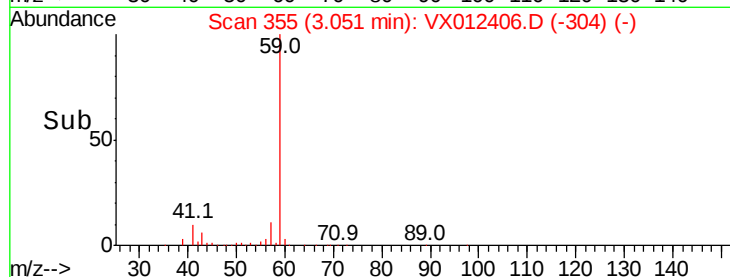
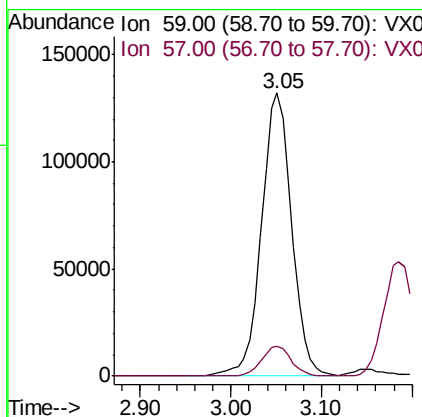
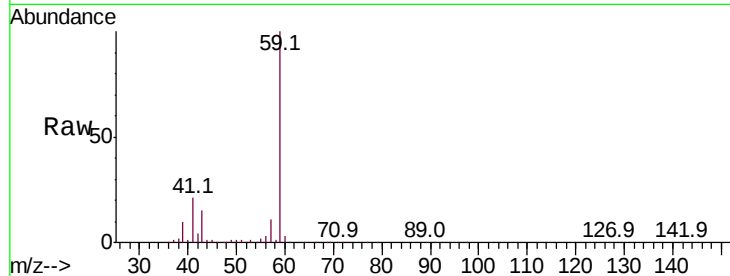
Tert butyl alcohol
Concen: 944.008 ug/l
RT: 3.05 min Scan# 355
Delta R.T. 0.01 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Instrument :
MSVOA_X
ClientSampled :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.6	12.8

Manual Integrations
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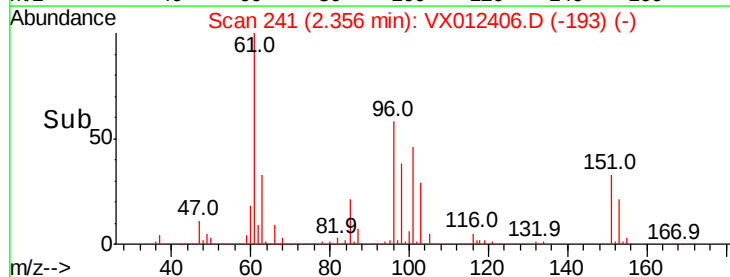
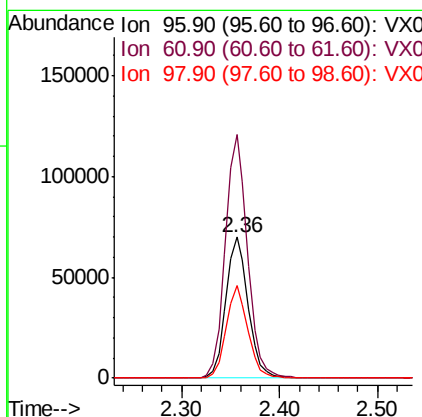
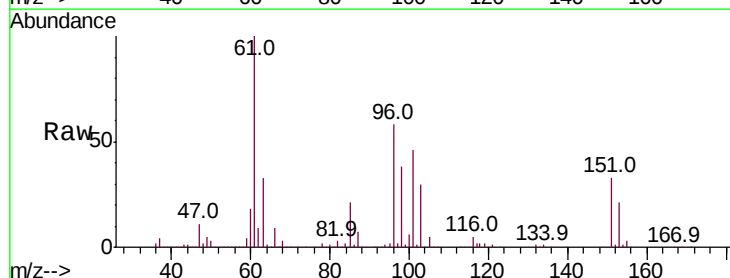
MMDadoda
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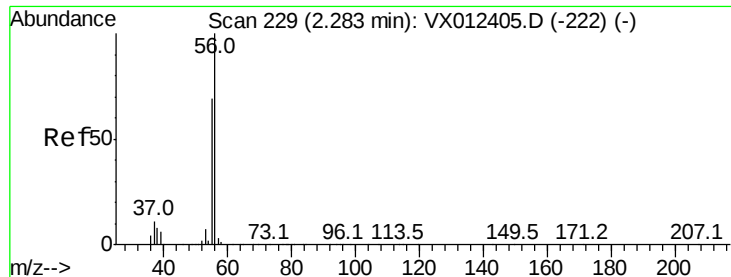


#12

1,1-Dichloroethene
Concen: 110.361 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.2	129.8	194.6
98	65.7	48.5	72.7





#13

Acrolein

Concen: 924.110 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 121215

Ion Ratio Lower Upper

56 100

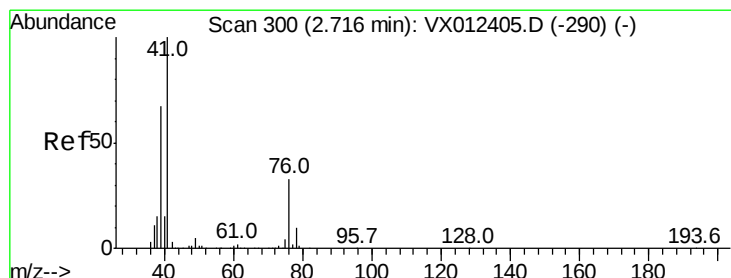
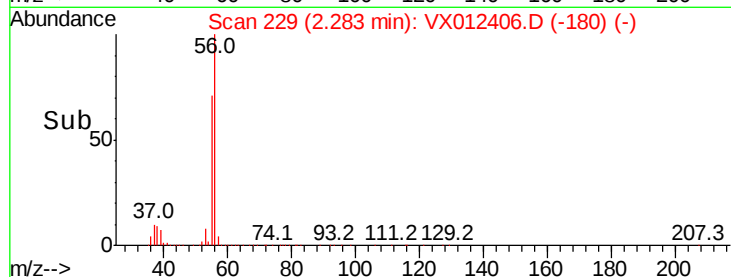
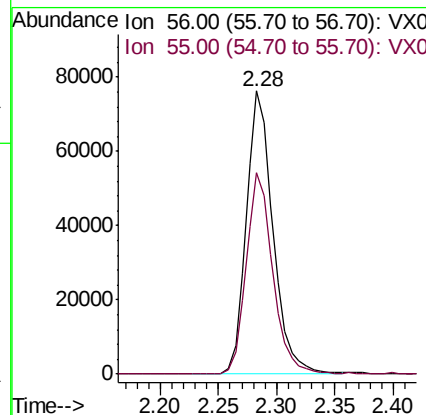
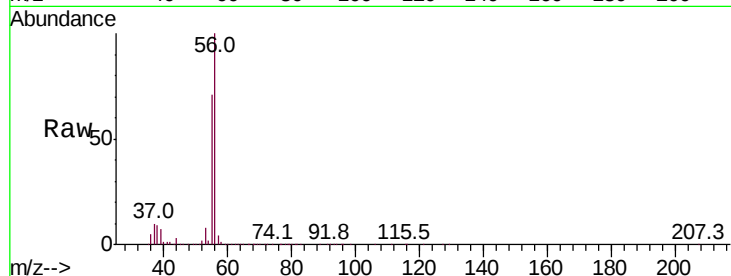
55 70.8 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 150.617 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

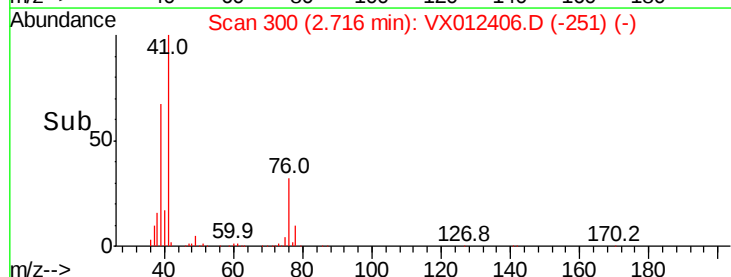
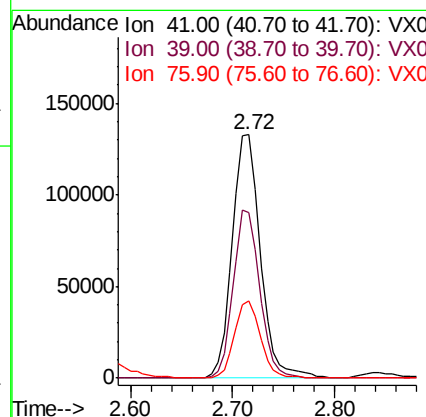
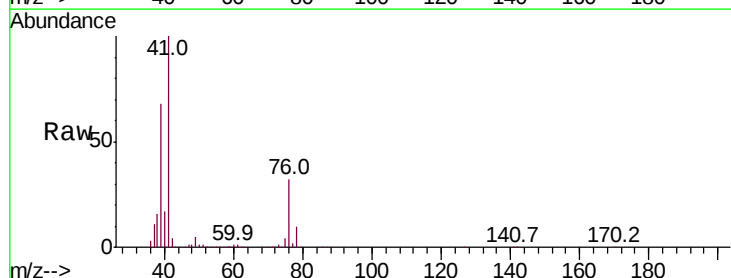
Tgt Ion: 41 Resp: 253740

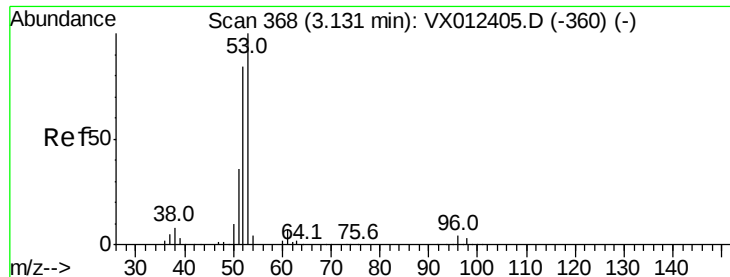
Ion Ratio Lower Upper

41 100

39 64.8 51.1 76.7

76 29.4 23.4 35.2





#15

Acrylonitrile

Concen: 819.563 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Instrument :

MSVOA_X

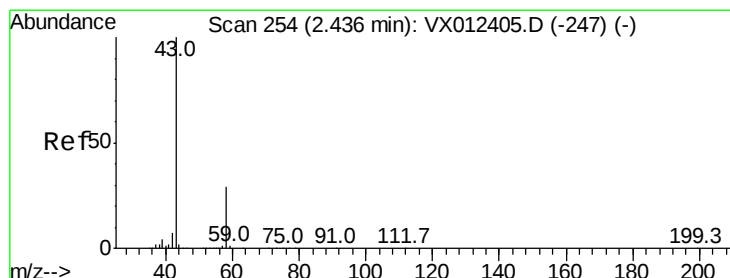
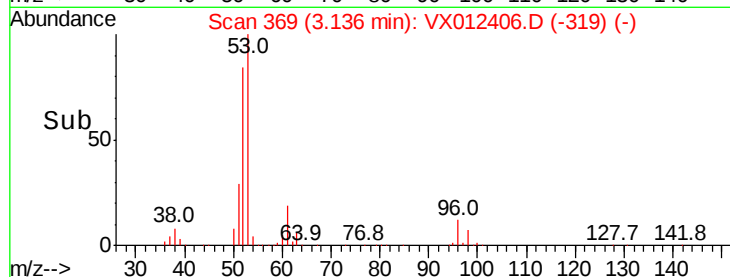
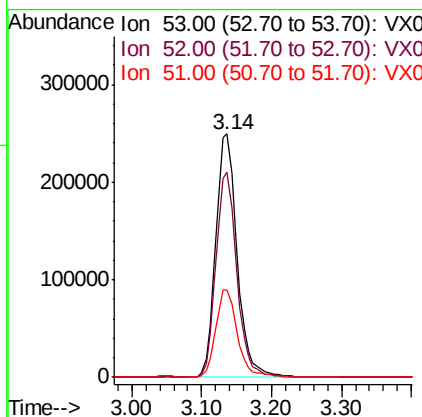
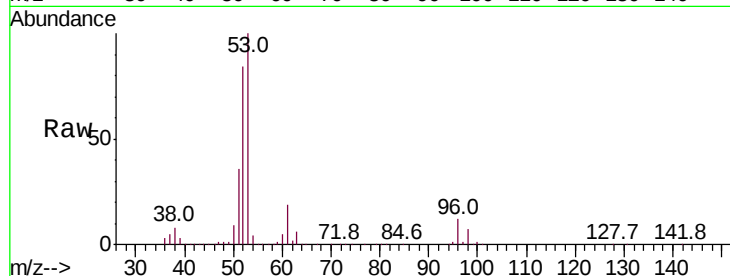
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	527927
Ion Ratio	Lower	Upper	
53	100		
52	83.0	67.4	101.2
51	36.6	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 823.257 ug/l

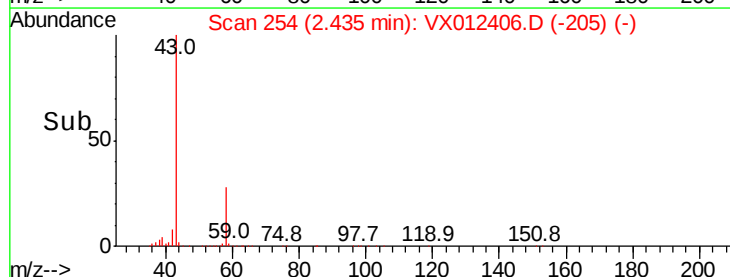
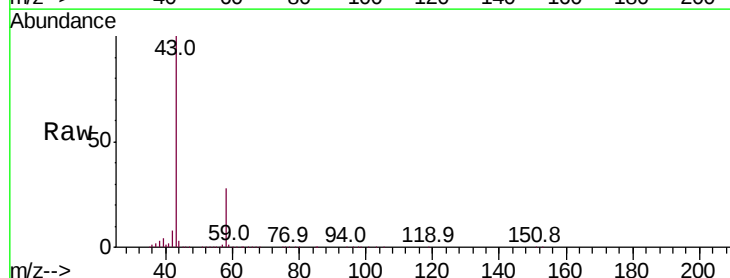
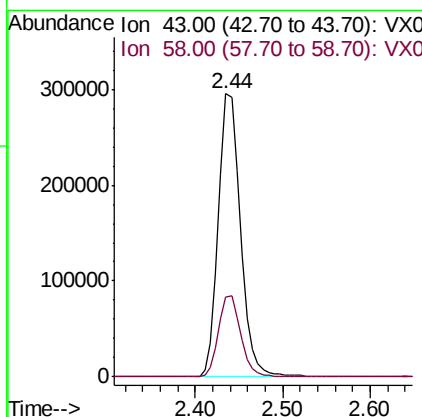
RT: 2.44 min Scan# 254

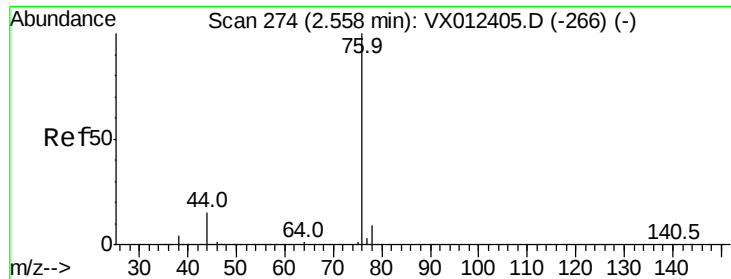
Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Tgt Ion:	43	Resp:	517894
Ion Ratio	Lower	Upper	
43	100		
58	28.2	23.5	35.3





#17

Carbon Disulfide

Concen: 68.448 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 157164

Ion Ratio Lower Upper

76 100

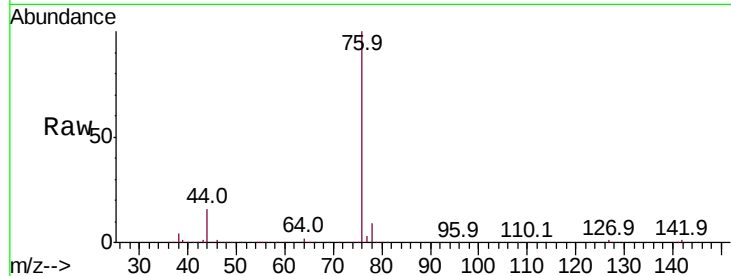
78 8.8 7.1 10.7

Manual Integrations

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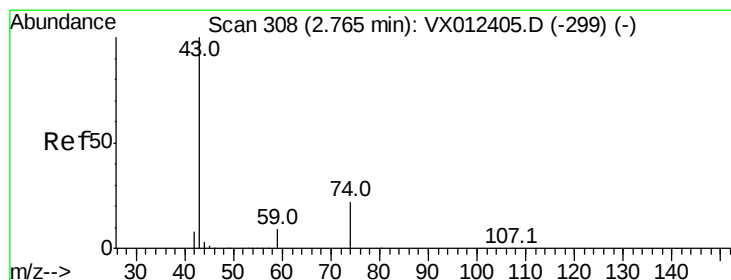
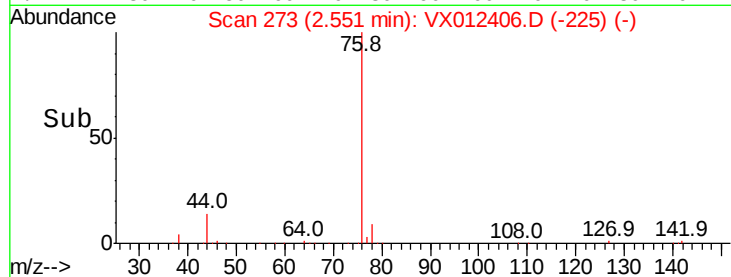
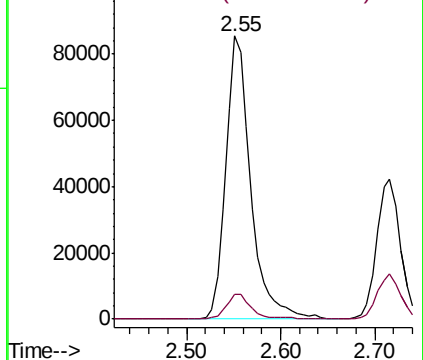
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 151.120 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX012406.D

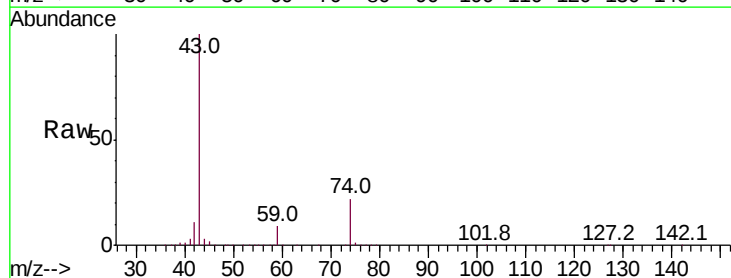
Acq: 16 Sep 2019 13:57

Tgt Ion: 43 Resp: 246715

Ion Ratio Lower Upper

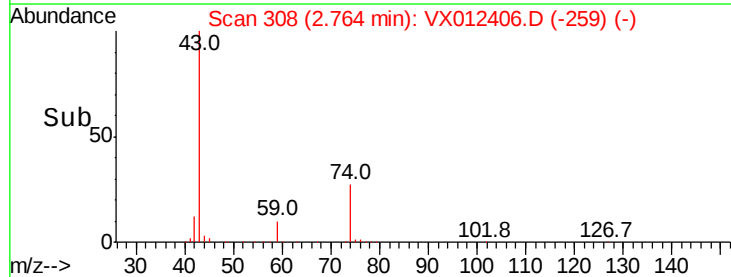
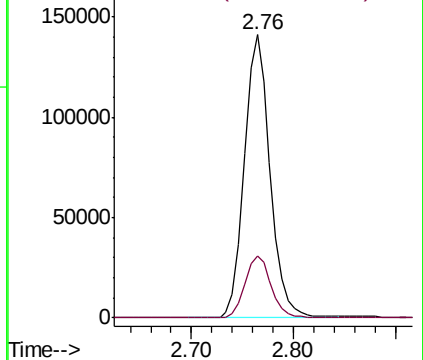
43 100

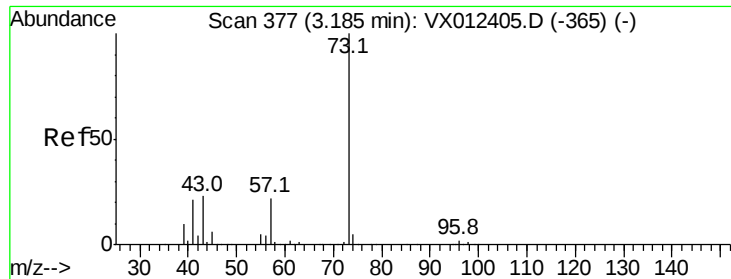
74 22.1 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





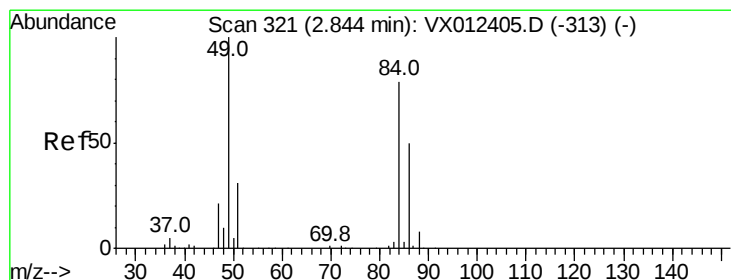
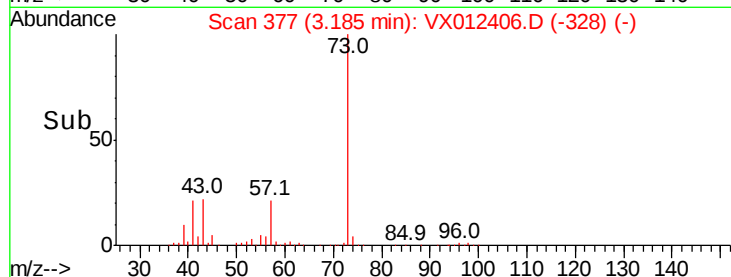
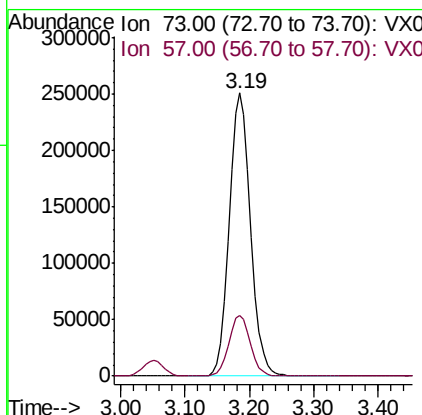
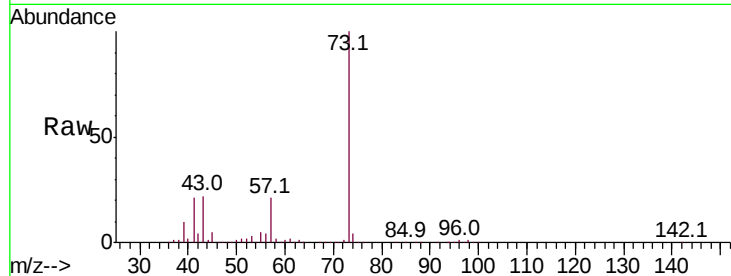
#19
Methyl tert-butyl Ether
Concen: 161.638 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion: 73 Resp: 580667
Ion Ratio Lower Upper
73 100
57 21.4 17.8 26.6

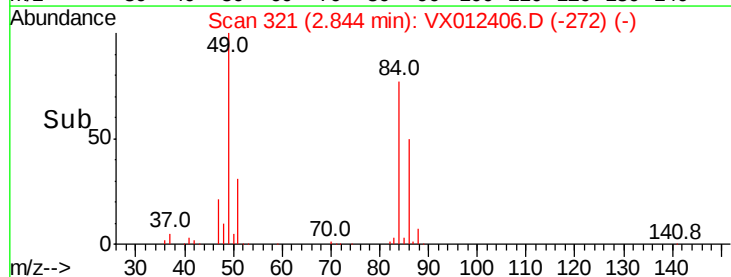
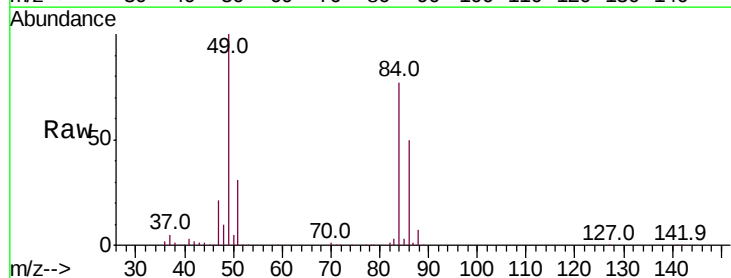
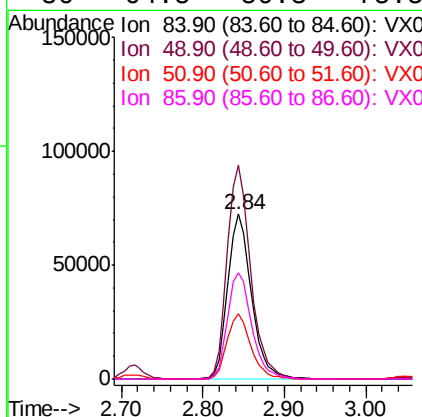
Manual Integrations
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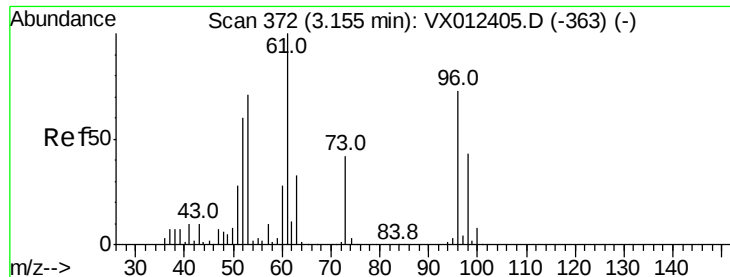
MMDadoda
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#20
Methylene Chloride
Concen: 123.484 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Tgt Ion: 84 Resp: 144637
Ion Ratio Lower Upper
84 100
49 129.5 101.7 152.5
51 40.0 31.2 46.8
86 64.5 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 109.006 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 96 Resp: 116653

Ion Ratio Lower Upper

96 100

61 147.8 109.7 164.5

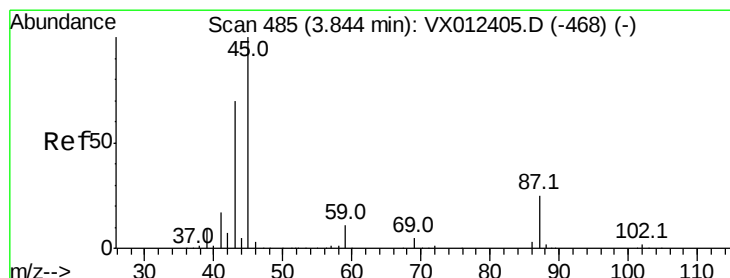
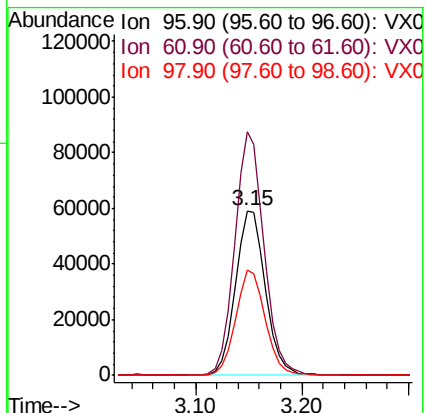
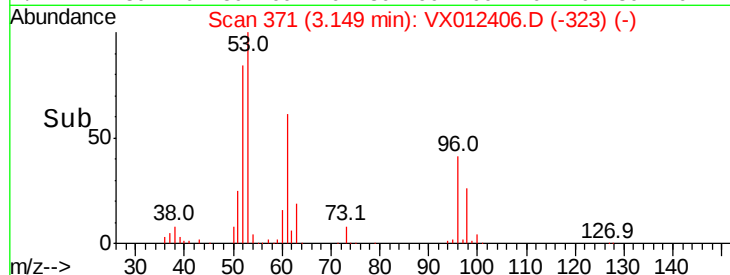
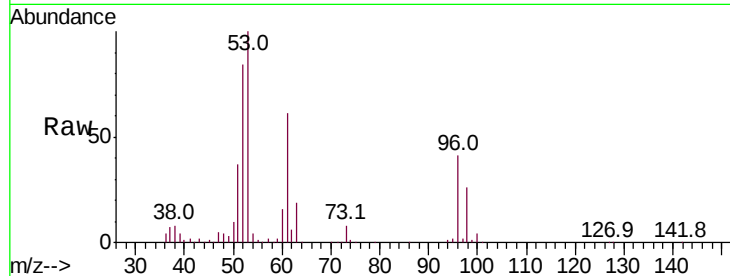
98 64.0 47.0 70.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 165.037 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Tgt Ion: 45 Resp: 566771

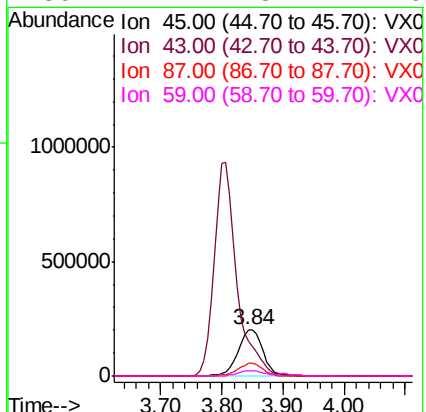
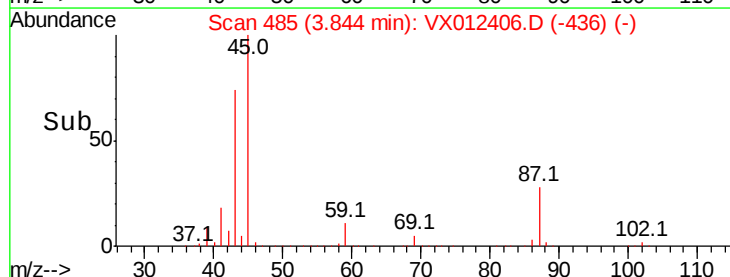
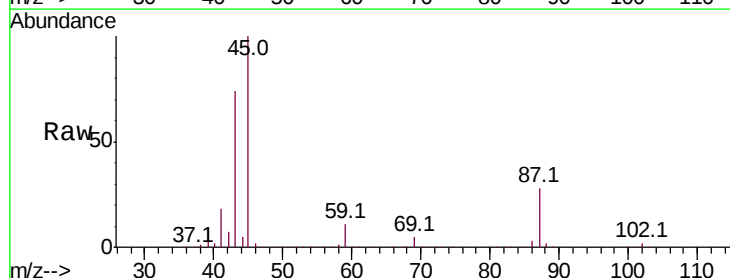
Ion Ratio Lower Upper

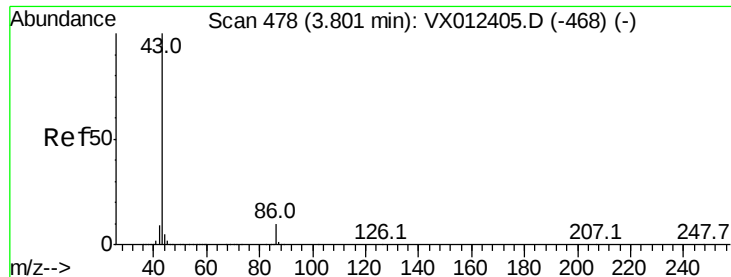
45 100

43 73.6 55.8 83.8

87 27.7 20.0 30.0

59 11.1 8.4 12.6





#23

Vinyl Acetate

Concen: 856.055 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Tot Ion: 43 Resp: 2446890

Ion Ratio Lower Upper

43 100

86 10.6 8.3 12.5

Instrument :

MSVOA_X

ClientSampled :

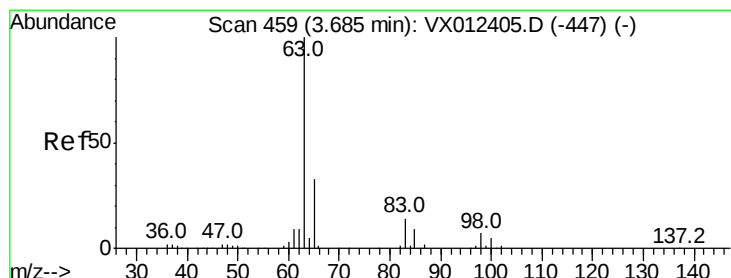
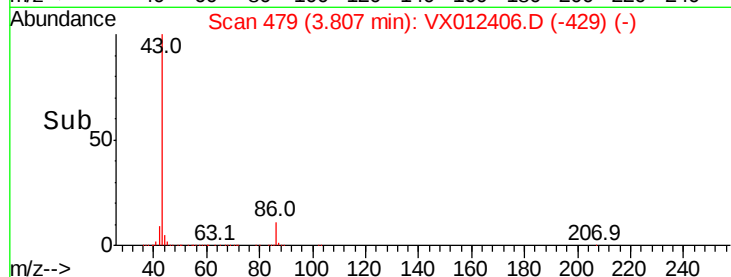
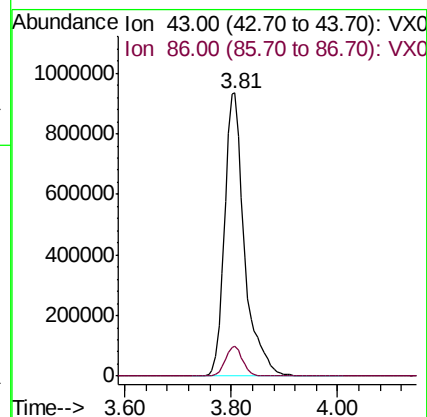
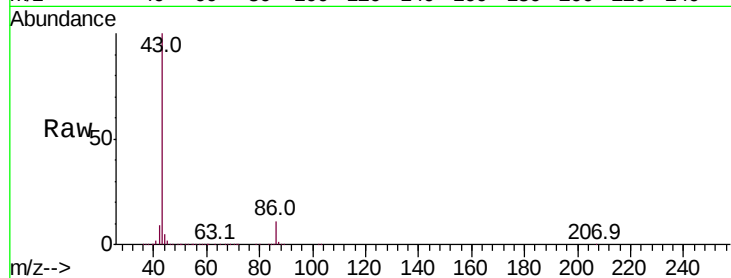
VSTDICC100

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 147.419 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

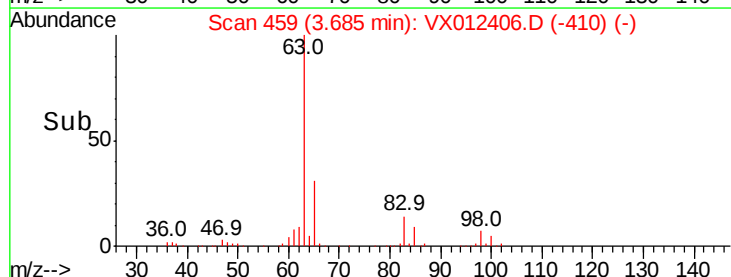
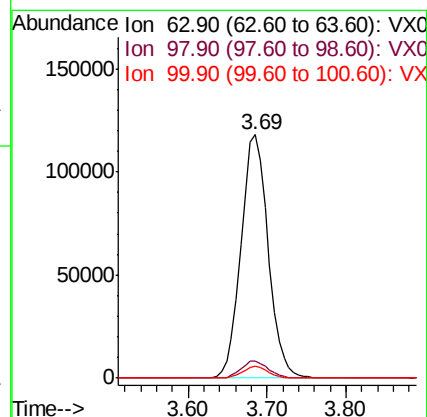
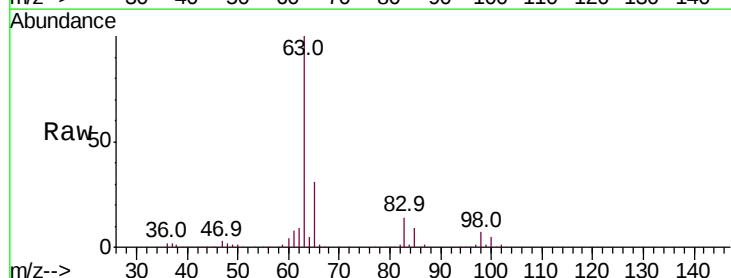
Tgt Ion: 63 Resp: 284085

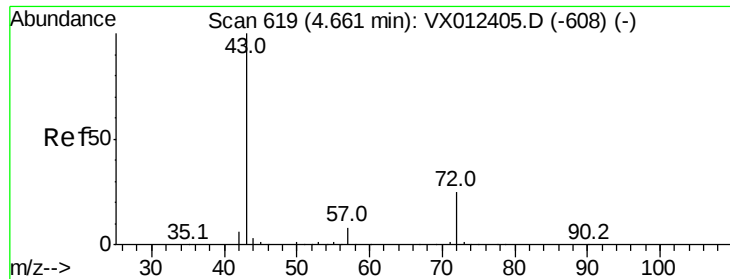
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.6

100 4.8 2.5 7.5





#25

2-Butanone

Concen: 865.704 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 796130

Ion Ratio Lower Upper

43 100

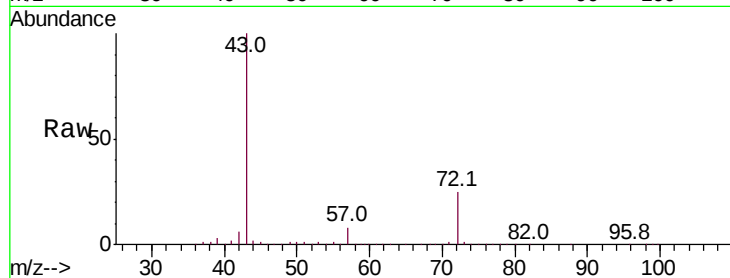
72 24.5 19.8 29.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

300000

250000

200000

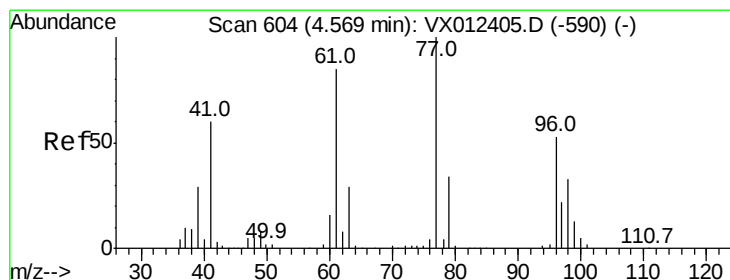
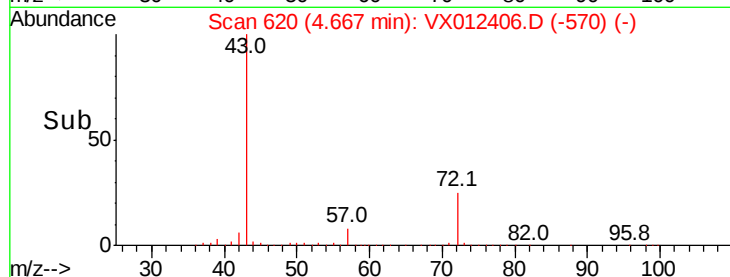
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 156.879 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012406.D

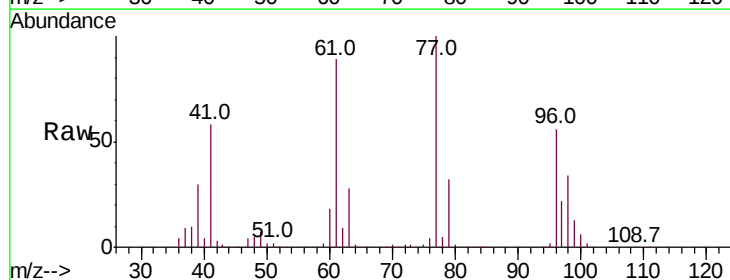
Acq: 16 Sep 2019 13:57

Tgt Ion: 77 Resp: 265681

Ion Ratio Lower Upper

77 100

97 22.0 10.7 32.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

100000

80000

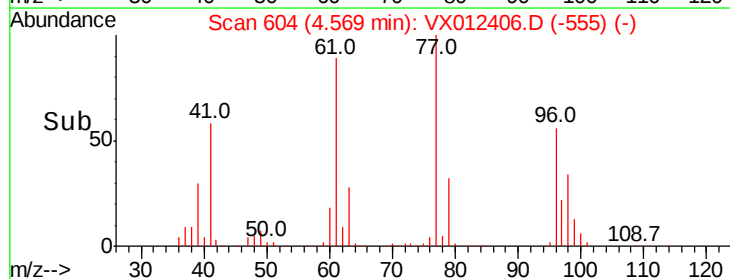
60000

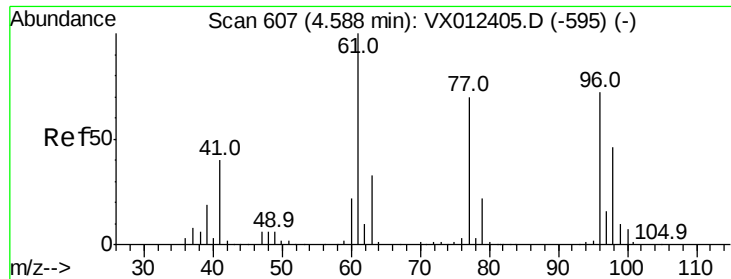
40000

20000

0

Time-->





#27

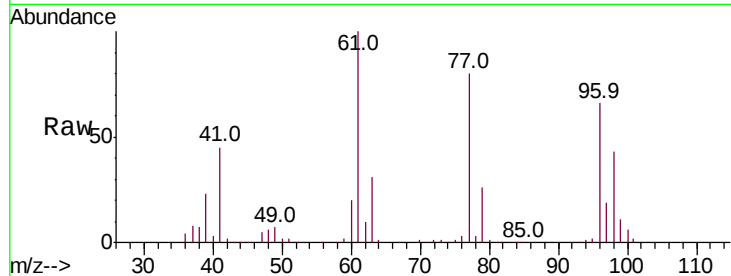
cis-1,2-Dichloroethene
Concen: 130.626 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	168994		
61	153.7	0.0	307.6	
98	64.5	0.0	129.8	

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9/23/2019 5:04:16 PM

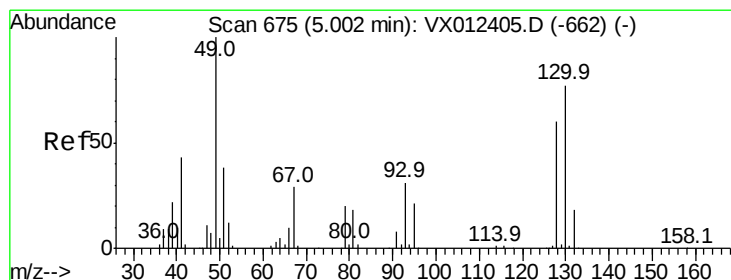
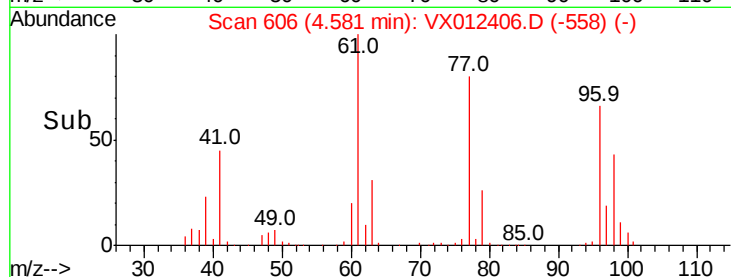
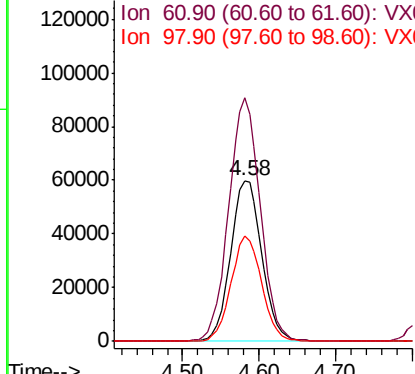


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

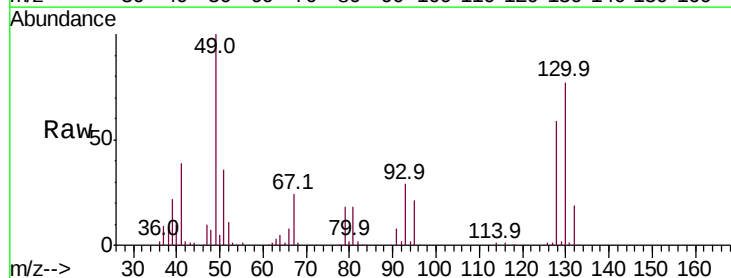
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 149.467 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	133277		
129	2.0	0.0	4.6	
130	77.3	61.3	91.9	

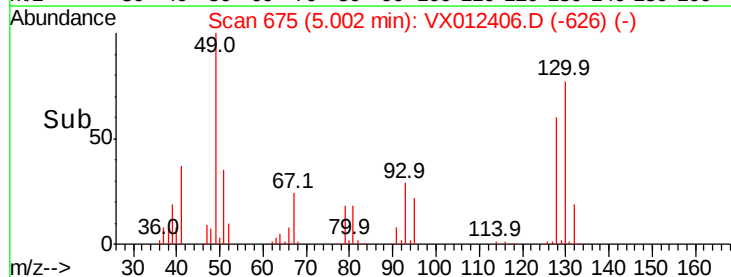
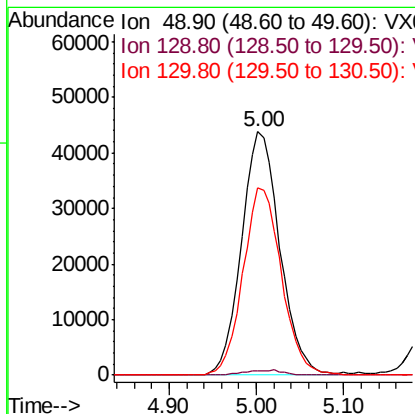


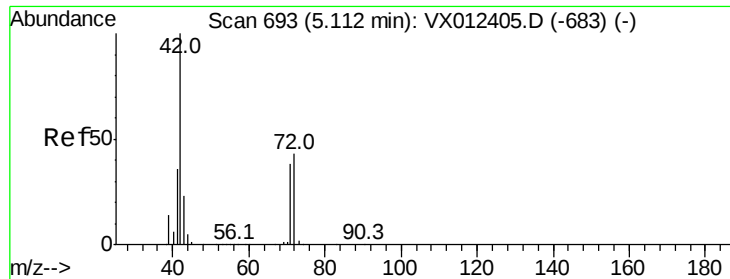
Abundance

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





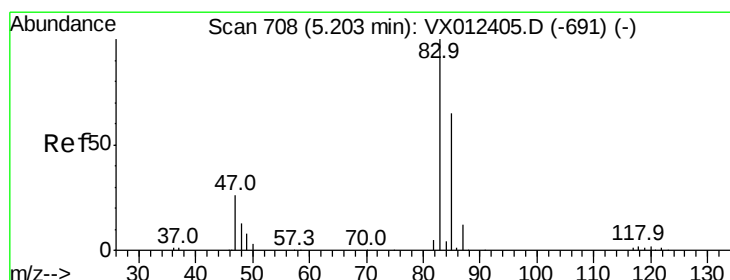
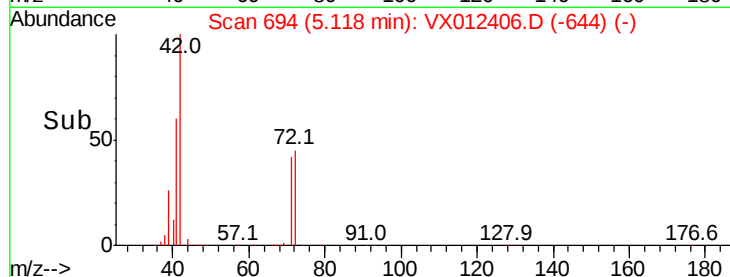
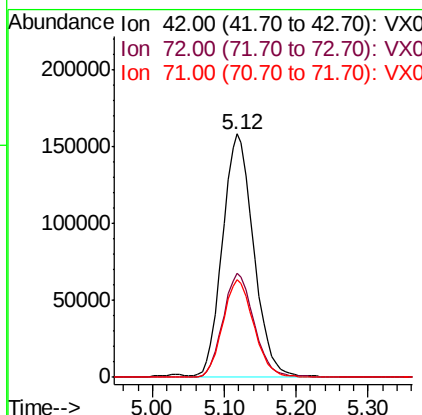
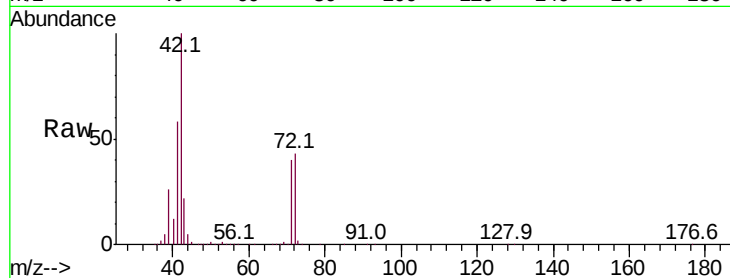
#29
Tetrahydrofuran
Concen: 829.832 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
42	100			
72	43.0		34.9	52.3
71	40.1		32.6	48.8

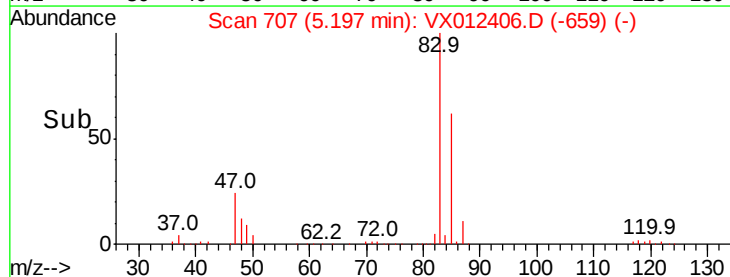
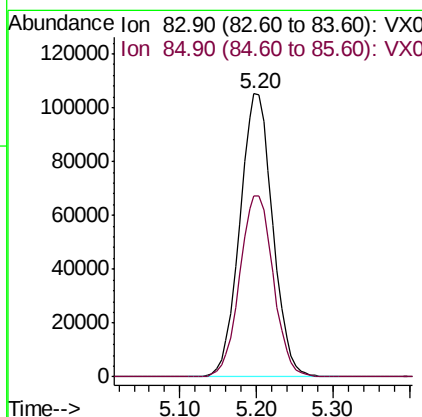
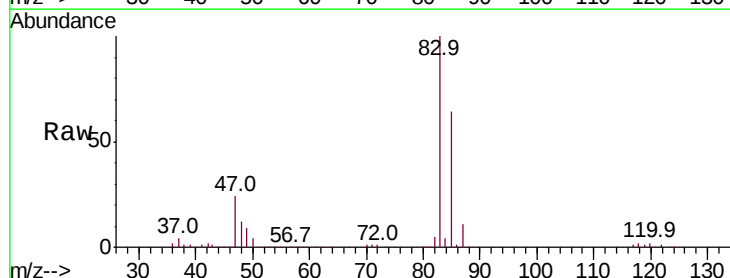
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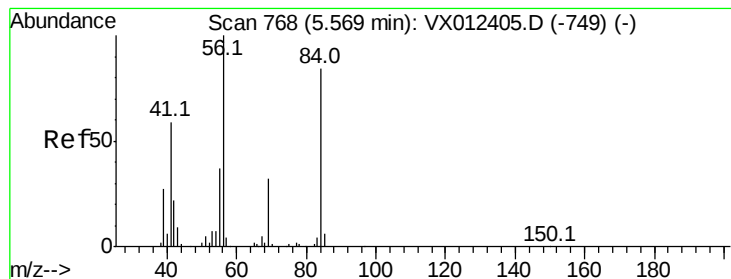
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#30
Chloroform
Concen: 148.078 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	63.7		51.9	77.9





#31

Cyclohexane

Concen: 110.550 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion: 56 Resp: 173296

Ion Ratio Lower Upper

56 100

69 31.1 24.9 37.3

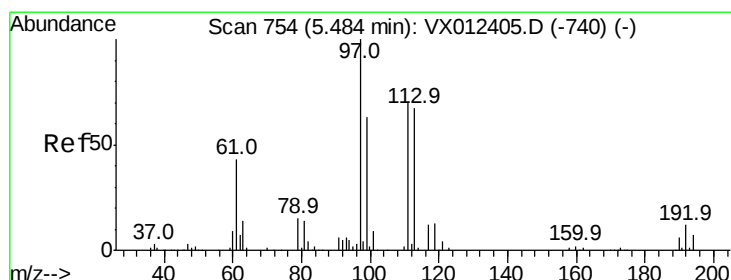
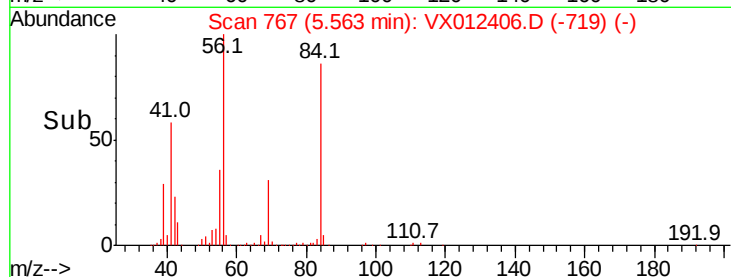
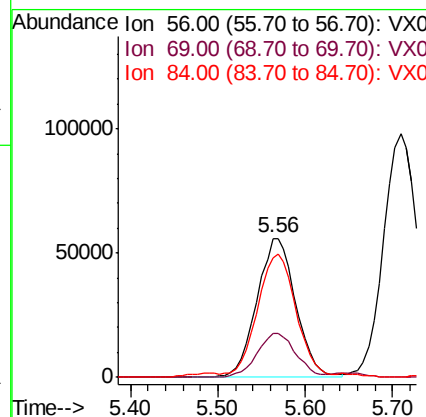
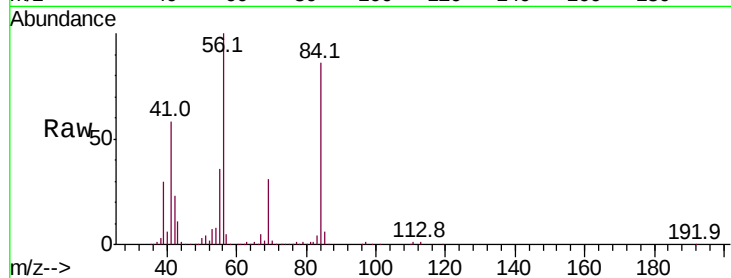
84 83.8 67.2 100.8

Manual Integrations

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9/23/2019 5:04:16 PM



#32

1,1,1-Trichloroethane

Concen: 150.876 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

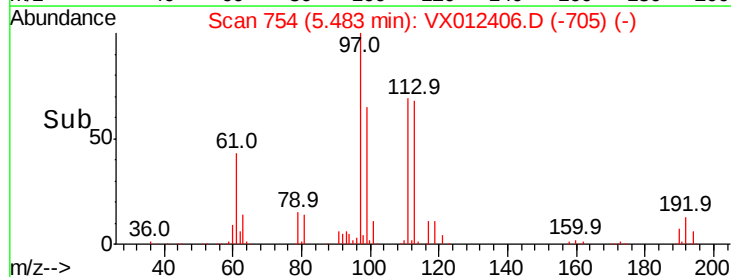
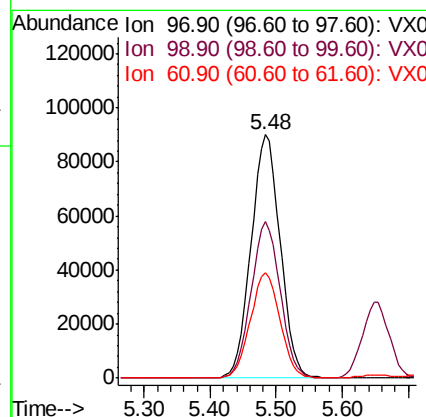
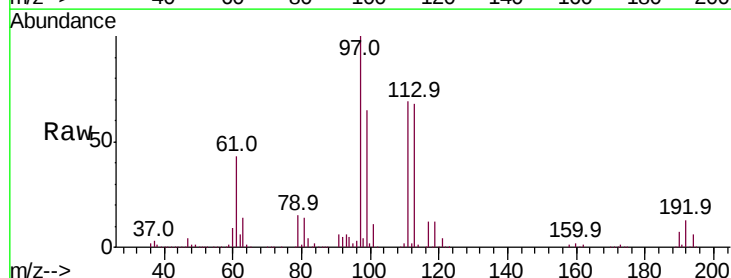
Tgt Ion: 97 Resp: 275910

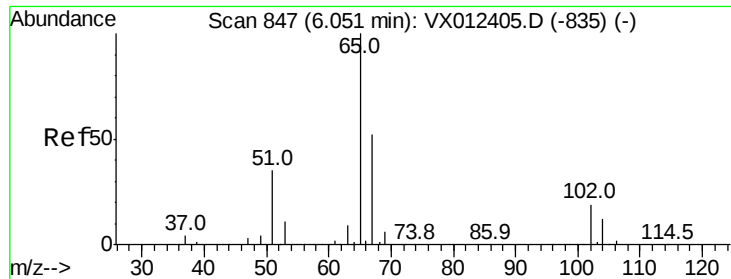
Ion Ratio Lower Upper

97 100

99 64.4 51.7 77.5

61 44.2 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 157.141 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion: 65 Resp: 236137

Ion Ratio Lower Upper

65 100

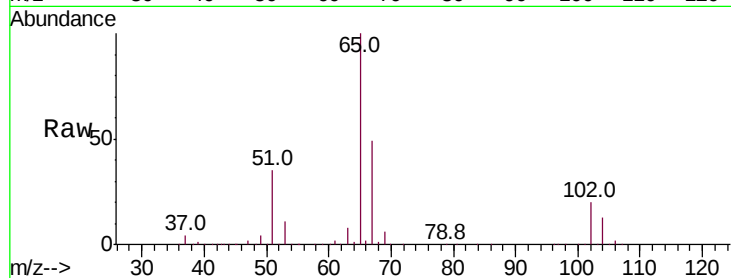
67 50.0 0.0 102.8

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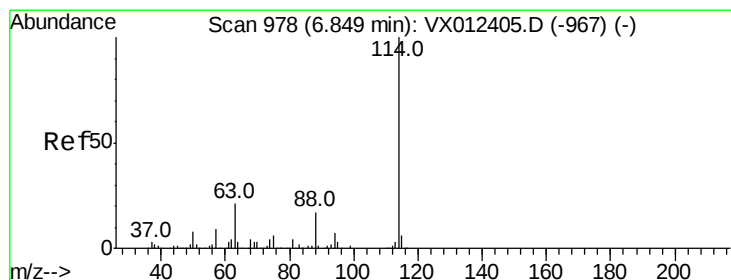
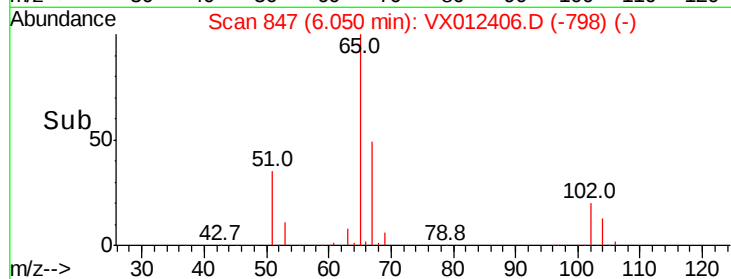
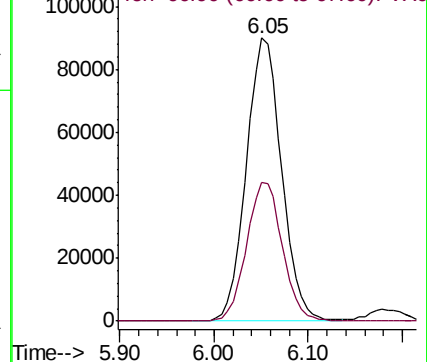
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

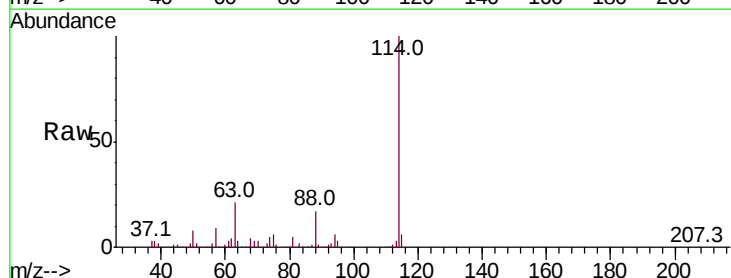
Tgt Ion:114 Resp: 194663

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.4

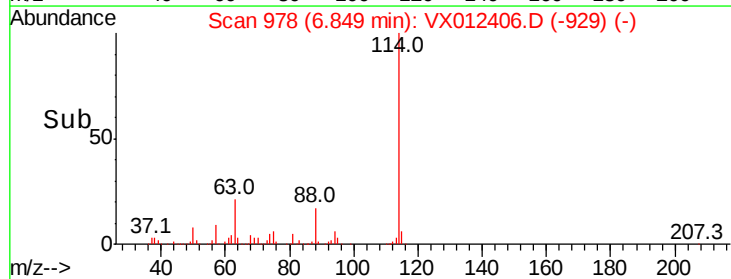
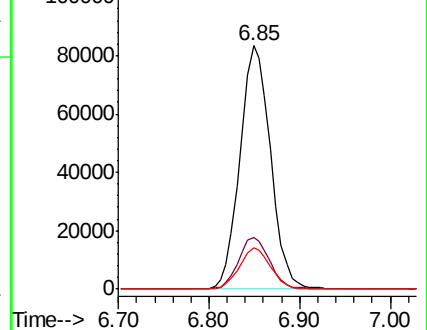
88 16.8 0.0 33.4

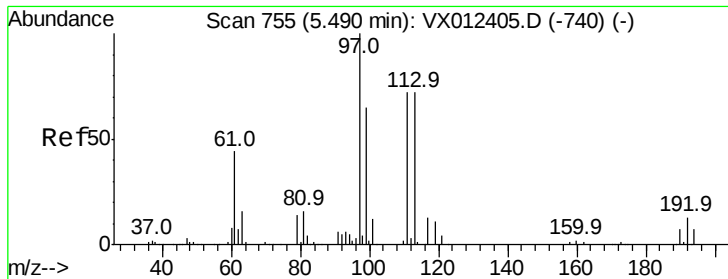


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 127.453 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Instrument :

MSVOA_X

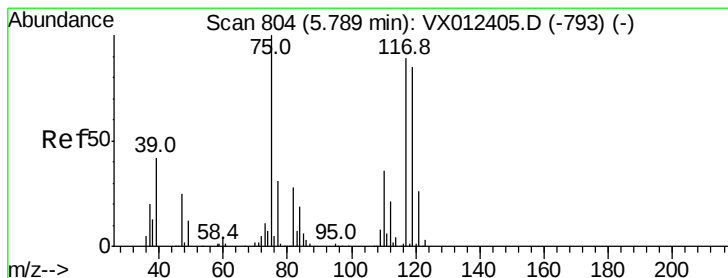
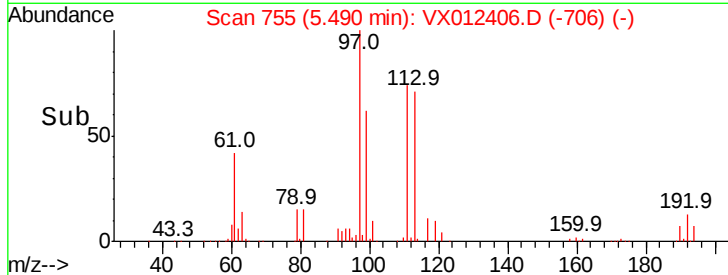
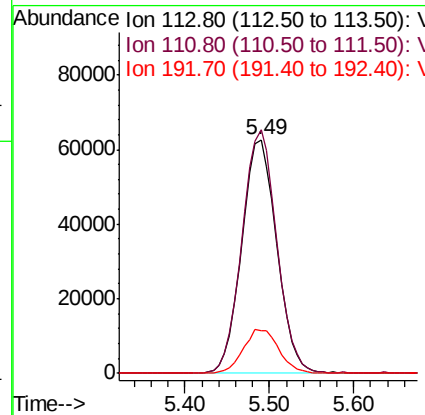
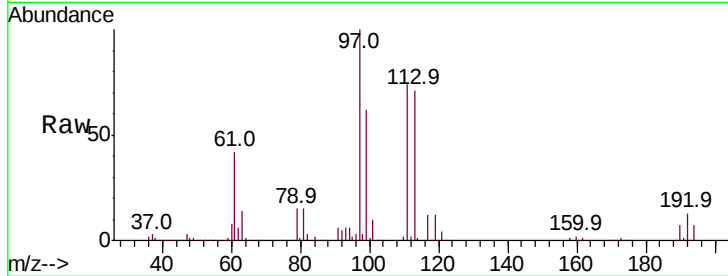
ClientSampleId :

VSTDIC100

Tot Ion:	113	Resp:	176649
Ion Ratio	Lower	Upper	
113	100		
111	103.2	81.8	122.6
192	19.1	15.0	22.4

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#36

1,1-Dichloropropene

Concen: 112.580 ug/l

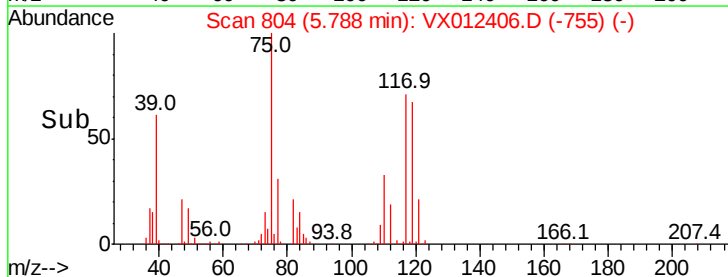
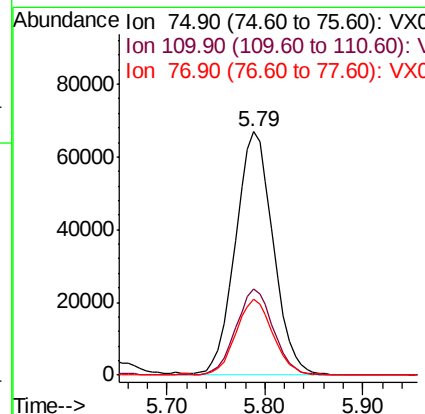
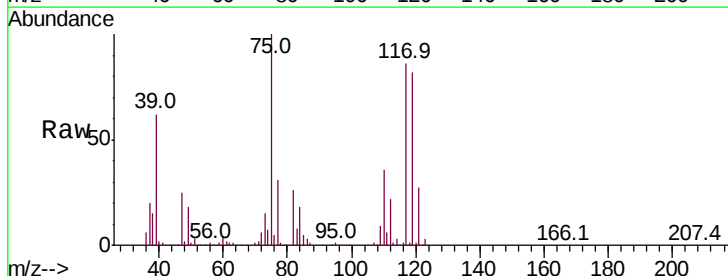
RT: 5.79 min Scan# 804

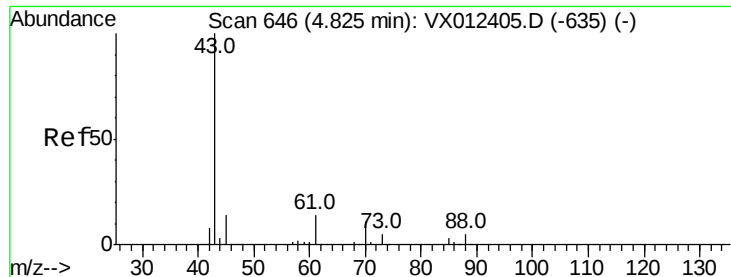
Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Tgt Ion:	75	Resp:	177957
Ion Ratio	Lower	Upper	
75	100		
110	35.4	17.4	52.2
77	30.5	24.8	37.2





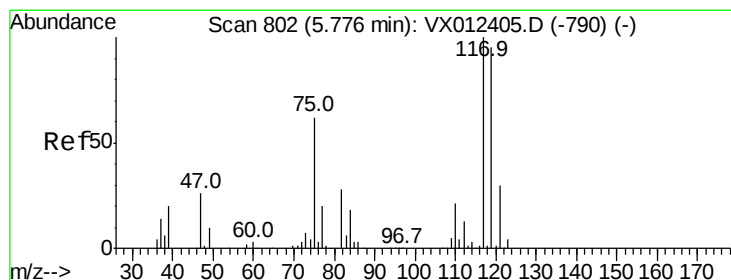
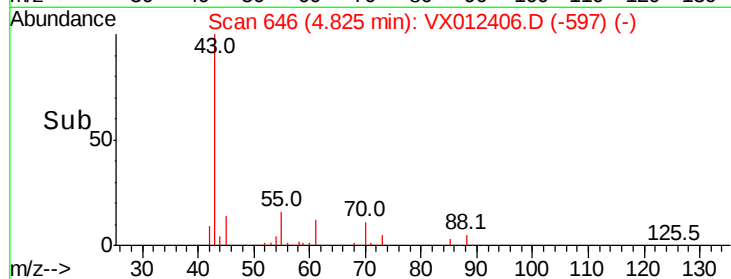
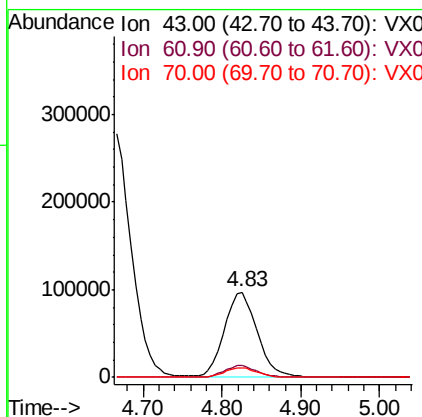
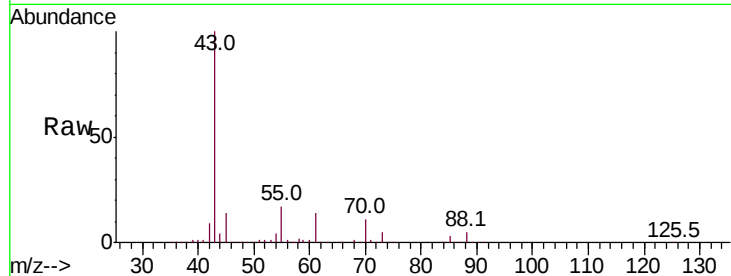
#37
Ethyl Acetate
Concen: 154.653 ug/l
RT: 4.83 min Scan# 646
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.2	16.8
70	11.3	9.0	13.6

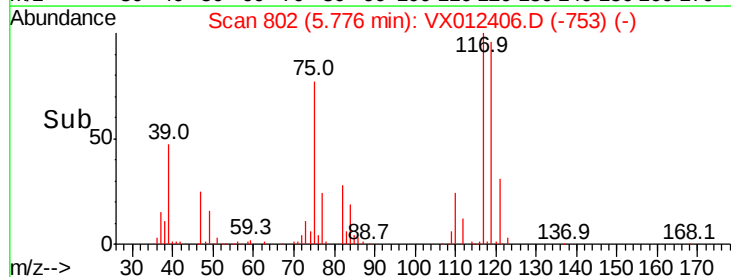
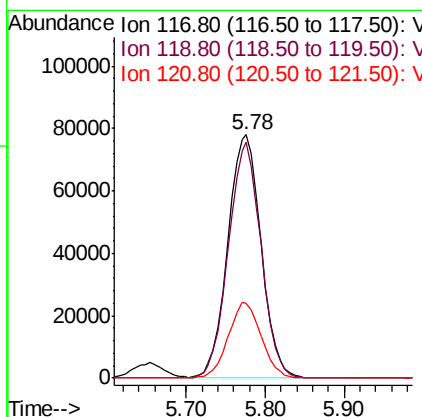
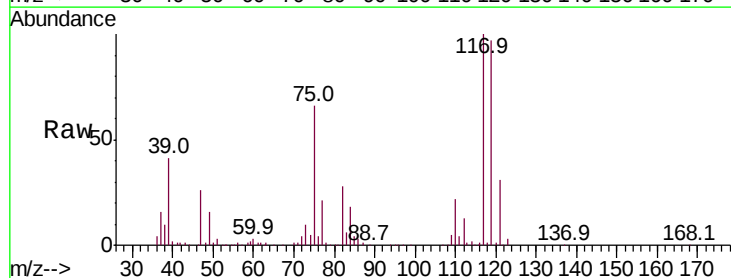
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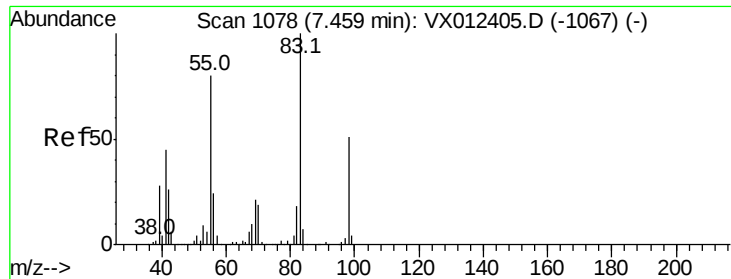
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#38
Carbon Tetrachloride
Concen: 123.830 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.8	113.8
121	30.9	23.8	35.6





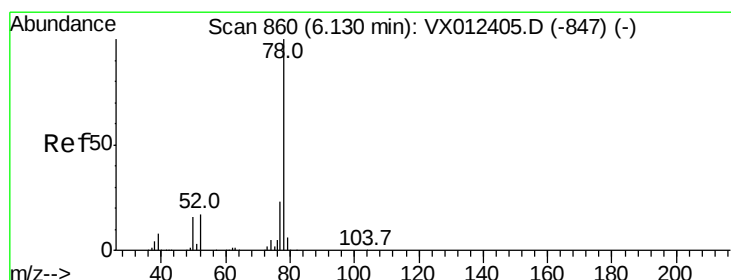
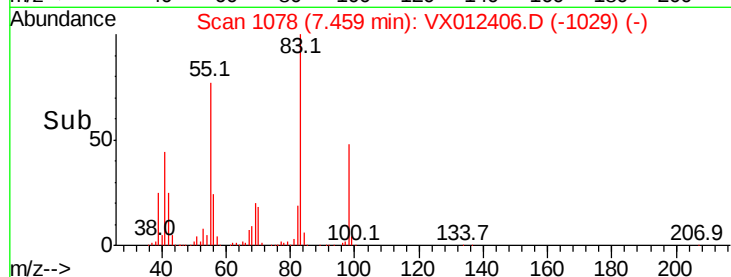
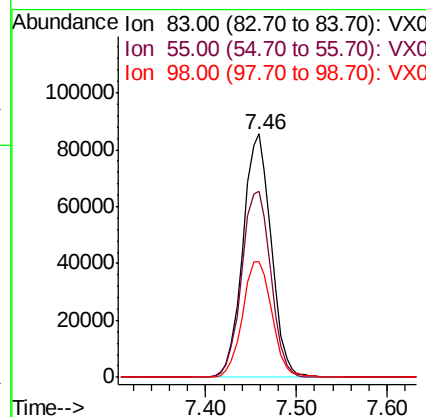
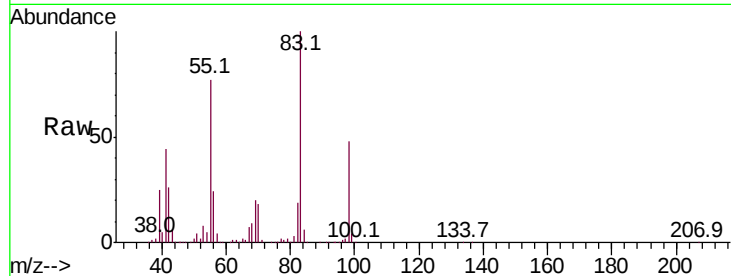
#39
Methvlcvclohexane
Concen: 98.486 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100	184811		
55	76.5	63.8	95.6	
98	47.8	40.6	61.0	

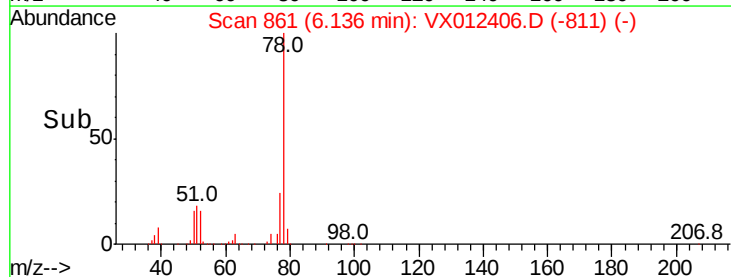
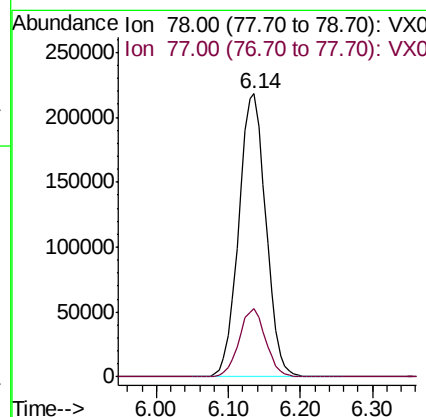
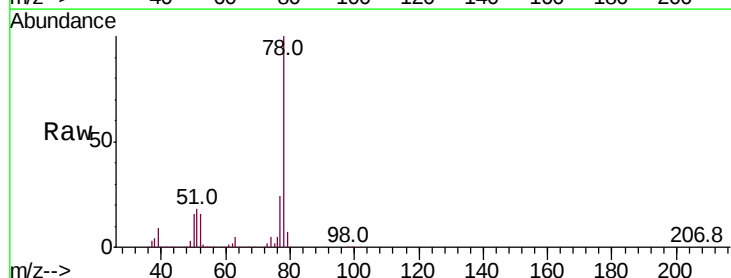
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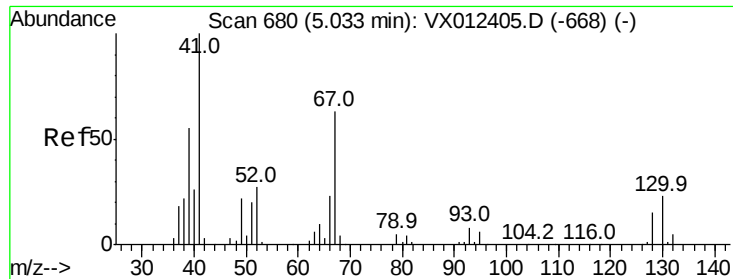
MMDadoda
9/23/2019 5:04:16 PM



#40
Benzene
Concen: 115.472 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	571587		
77	24.3	18.2	27.2	





#41

Methacrylonitrile

Concen: 154.997 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

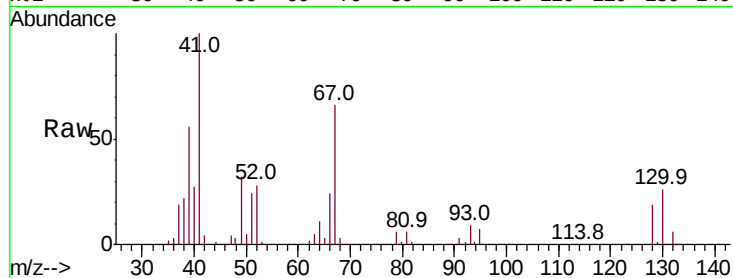
VSTDICC100

Tot Ion: 41 Resp: 166956
Ion Ratio Lower Upper

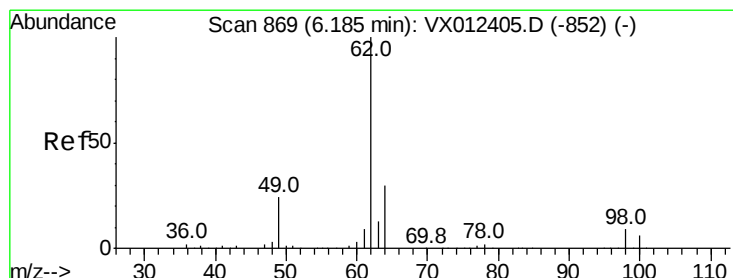
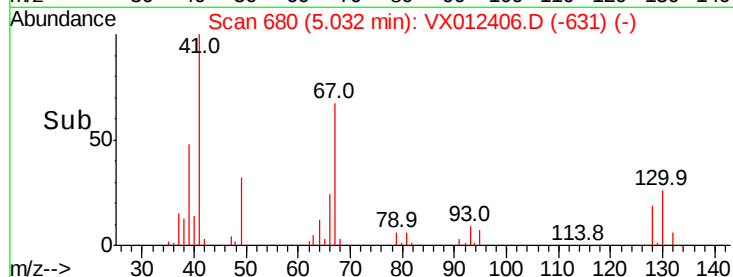
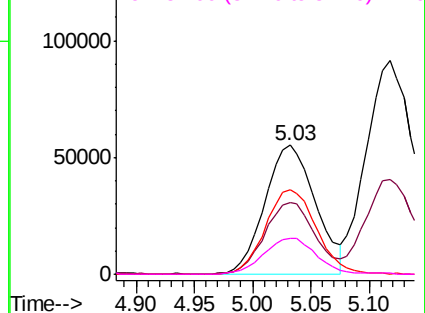
41	100		
39	55.7	44.4	66.6
67	66.4	53.8	80.8
52	29.3	22.2	33.4

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



#42

1,2-Dichloroethane

Concen: 133.797 ug/l

RT: 6.18 min Scan# 868

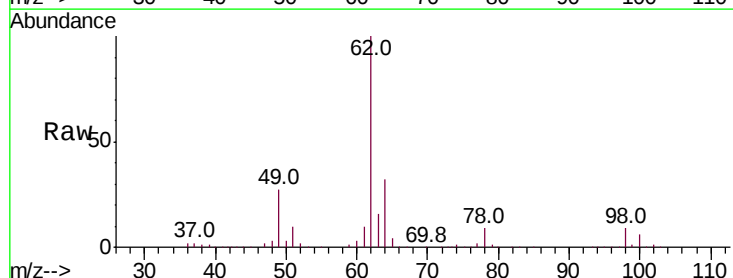
Delta R.T. -0.01 min

Lab File: VX012406.D

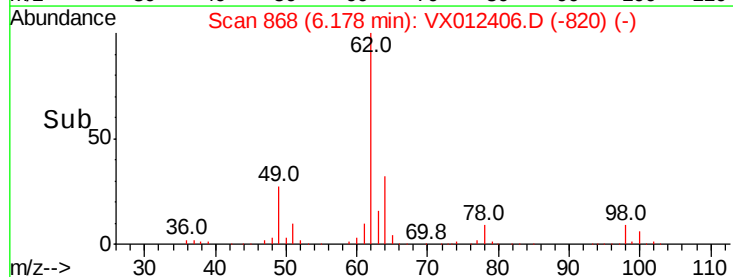
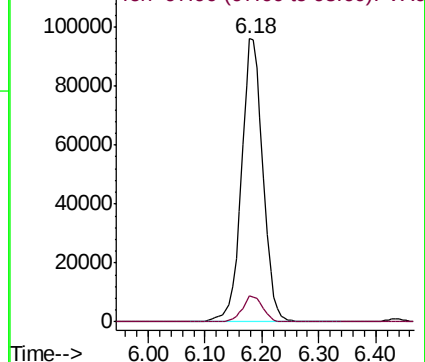
Acq: 16 Sep 2019 13:57

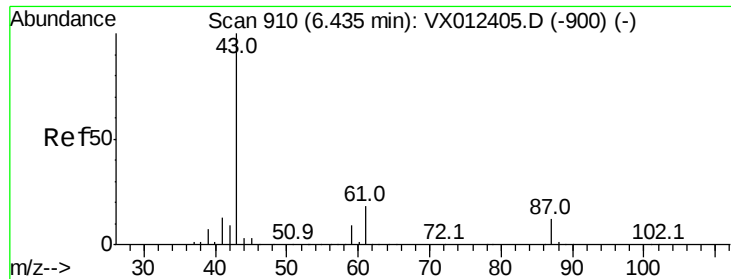
Tgt Ion: 62 Resp: 252108
Ion Ratio Lower Upper

62	100		
98	8.8	0.0	17.8



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





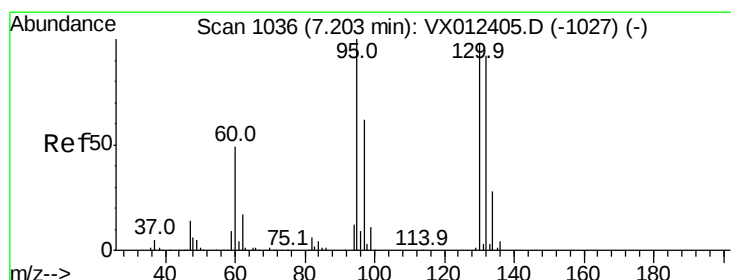
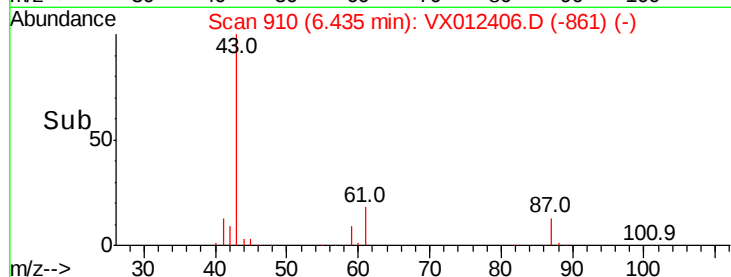
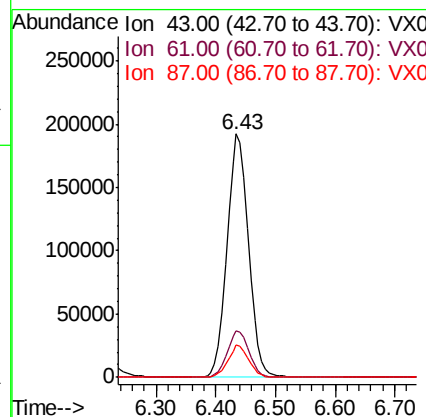
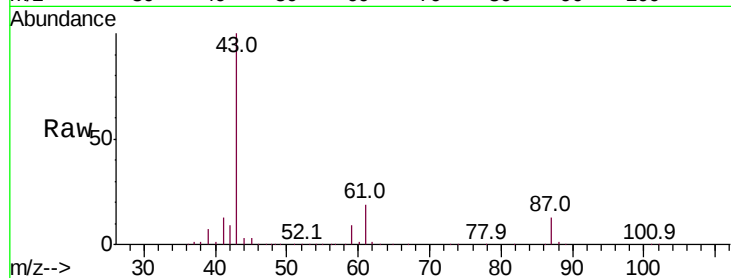
#43
Isopropyl Acetate
Concen: 160.270 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.5	23.3
87	12.7	10.0	15.0

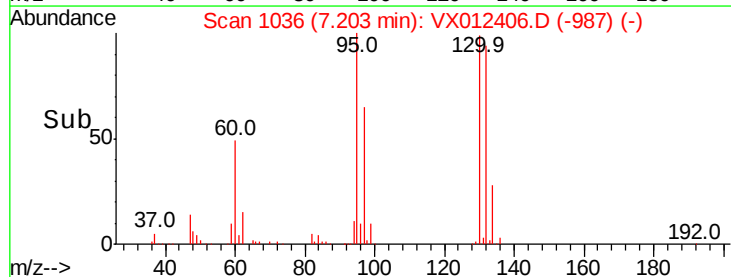
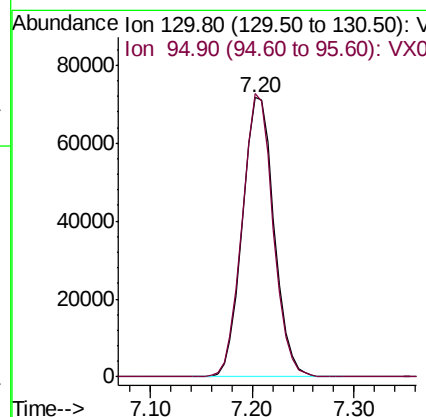
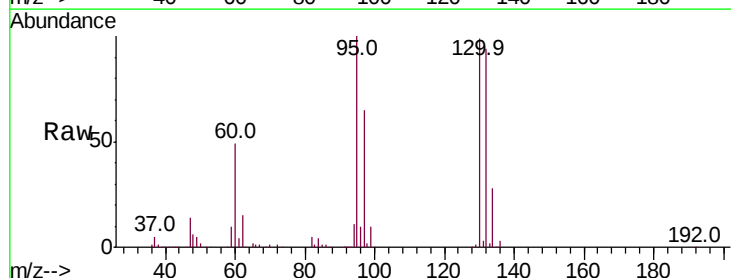
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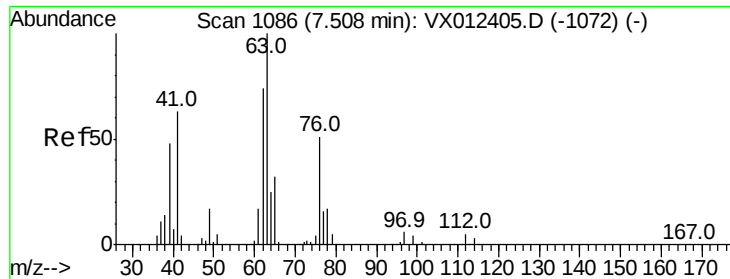
MMDadoda
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#44
Trichloroethene
Concen: 104.481 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.3	0.0	203.2





#45

1,2-Dichloropropane

Concen: 131.858 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 63 Resp: 168672

Ion Ratio Lower Upper

63 100

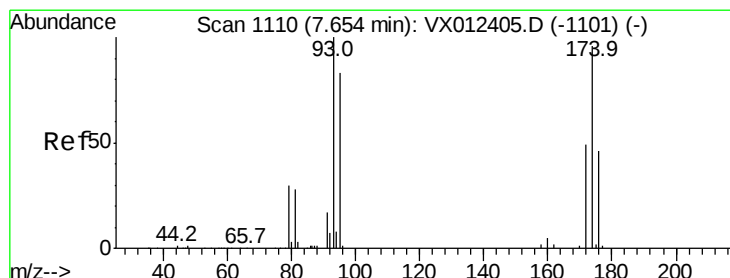
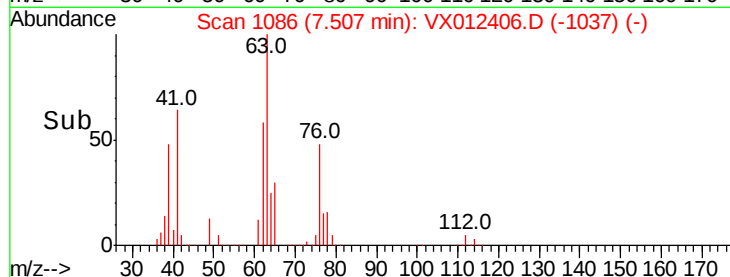
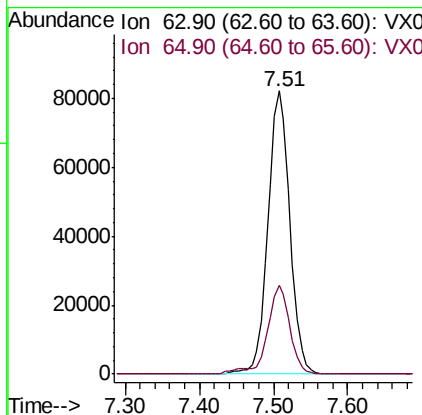
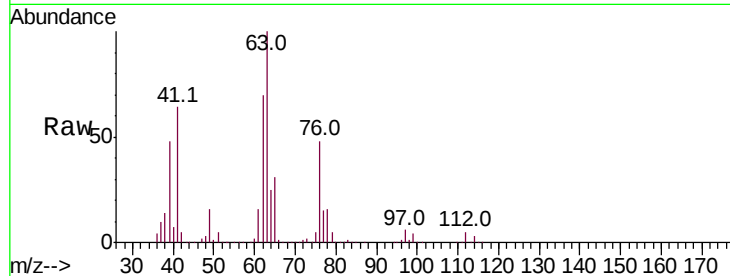
65 31.4 25.6 38.4

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9/23/2019 5:04:16 PM



#46

Dibromomethane

Concen: 122.720 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

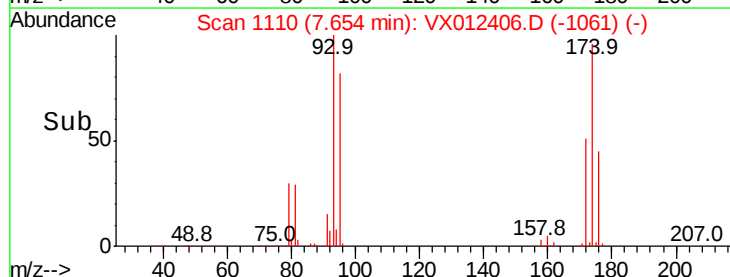
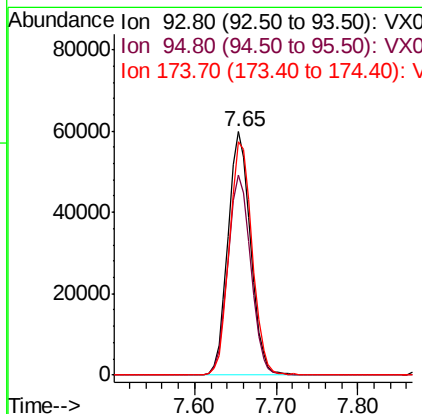
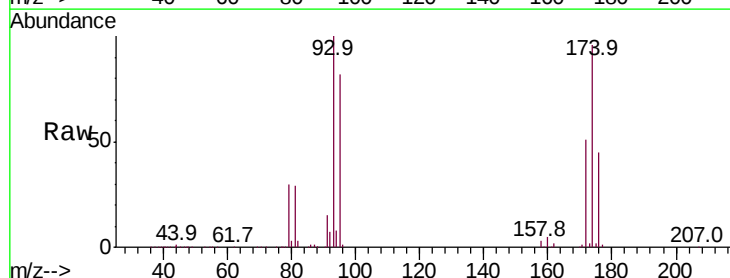
Tgt Ion: 93 Resp: 113831

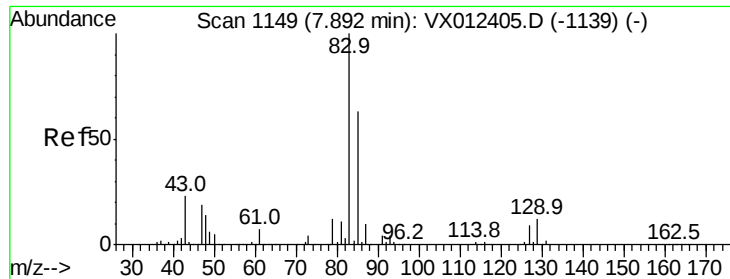
Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.2

174 96.4 78.6 118.0





#47

Bromodichloromethane

Concen: 149.046 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Instrument :

MSVOA_X

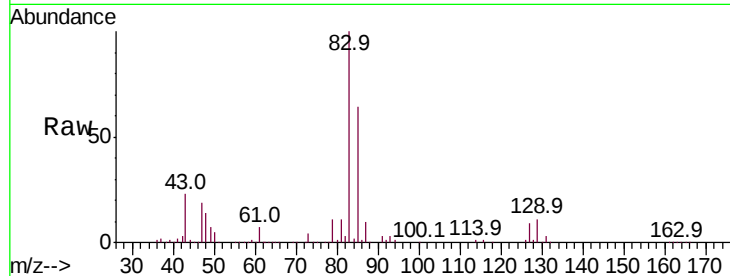
ClientSampleId :

VSTDIC100

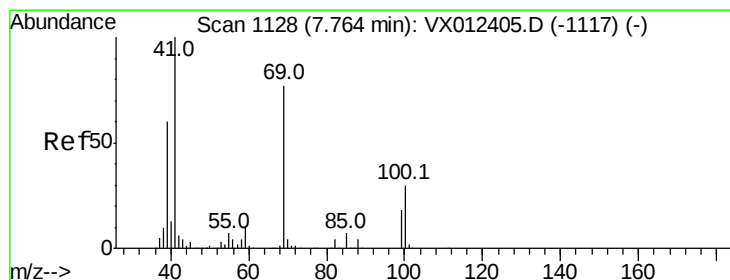
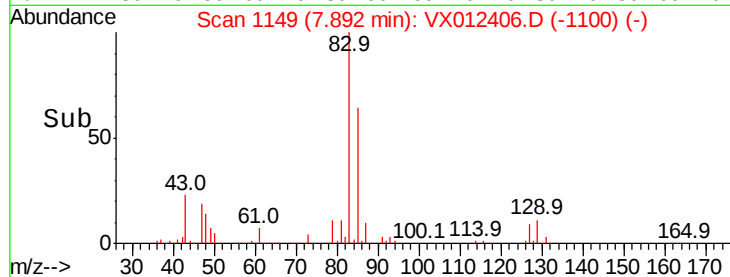
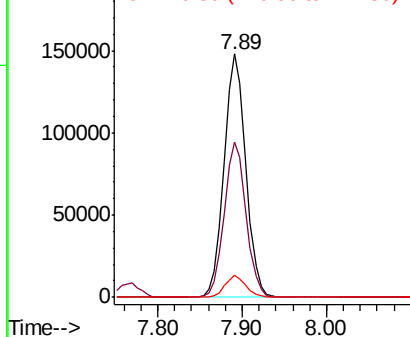
Tot Ion:	83	Resp:	261479
Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.2	75.4
127	9.0	6.9	10.3

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 157.428 ug/l

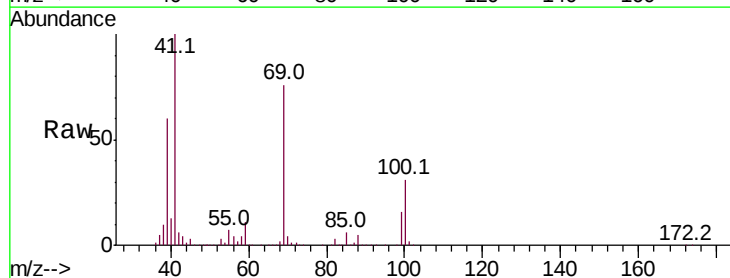
RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

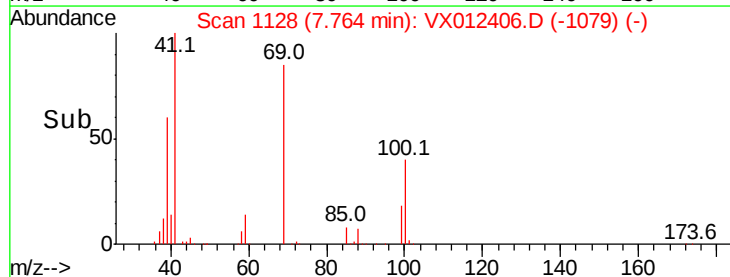
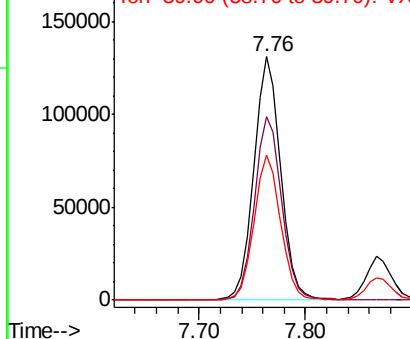
Lab File: VX012406.D

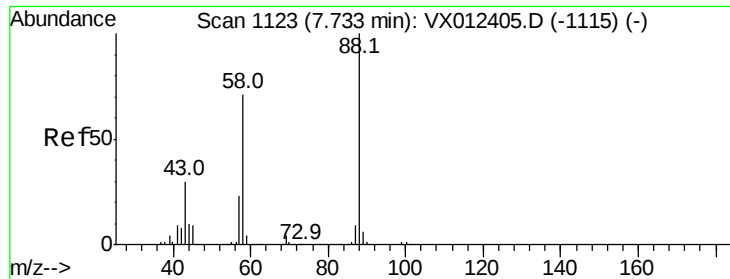
Acq: 16 Sep 2019 13:57

Tgt Ion:	41	Resp:	230961
Ion	Ratio	Lower	Upper
41	100		
69	77.0	61.6	92.4
39	59.3	47.6	71.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





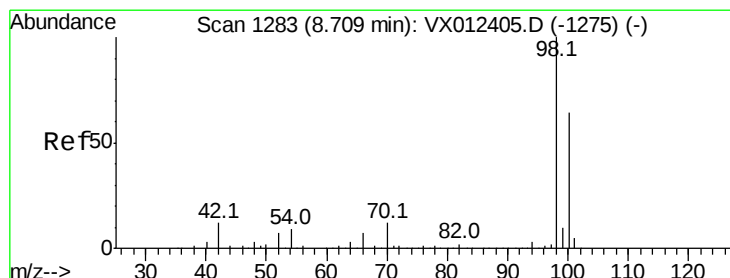
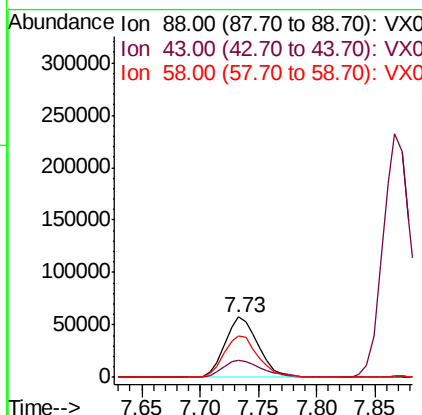
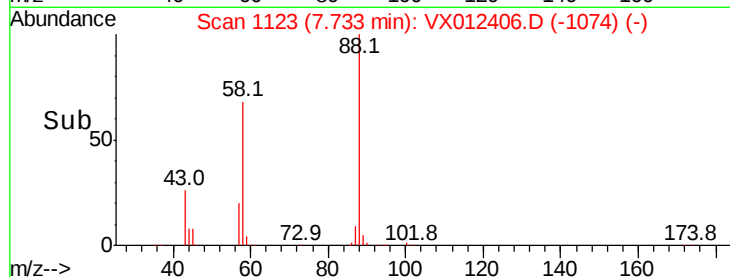
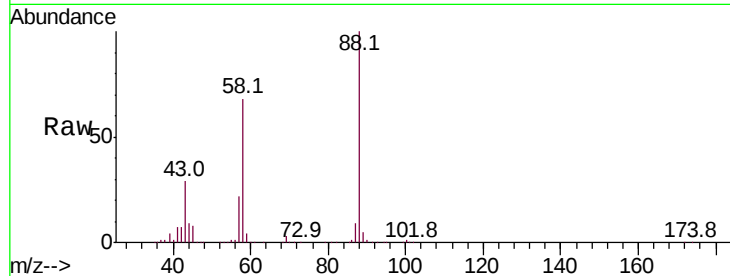
#49
1,4-Dioxane
Concen: 2851.481 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	26.6	39.8
58	70.9	57.1	85.7

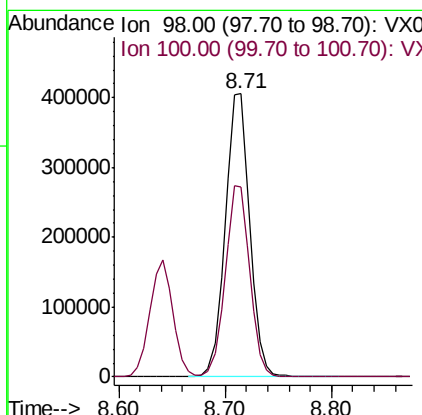
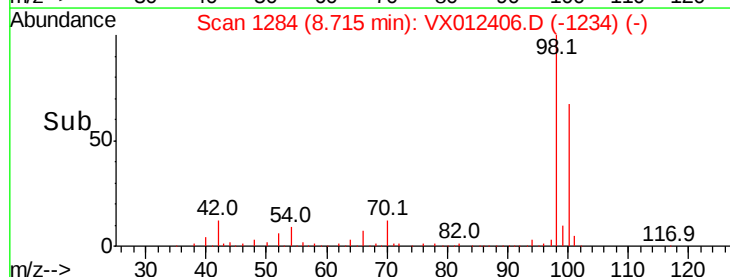
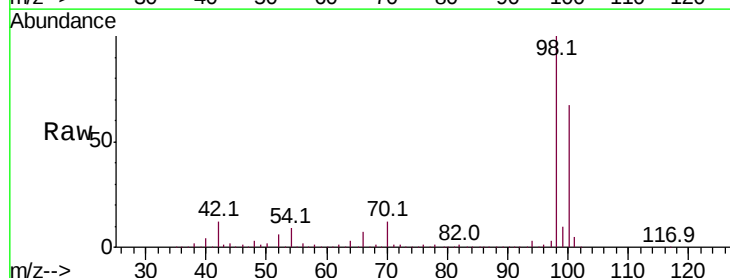
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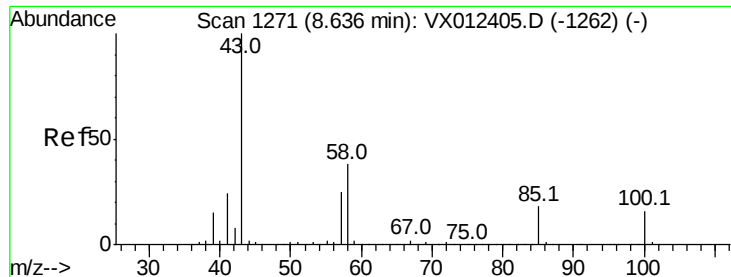
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9/23/2019 5:04:16 PM



#50
Toluene-d8
Concen: 134.536 ug/l
RT: 8.71 min Scan# 1284
Delta R.T. 0.01 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.7	54.4	81.6





#51

4-Methyl-2-Pentanone

Concen: 805.862 ug/l

RT: 8.64 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Tot Ion: 43 Resp: 1593347

Ion Ratio Lower Upper

43 100

58 38.4 30.2 45.4

Instrument :

MSVOA_X

ClientSampleId :

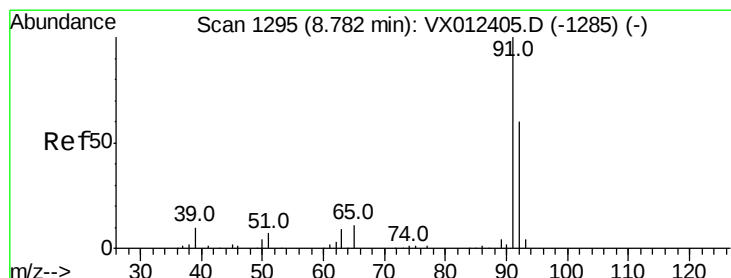
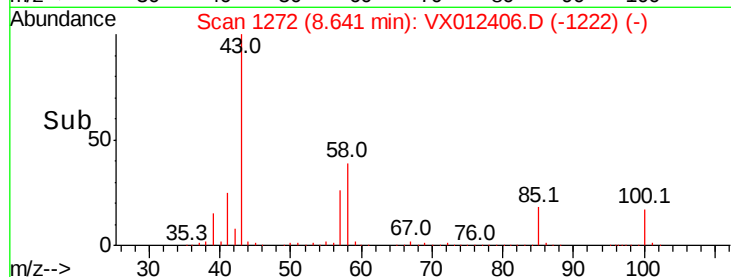
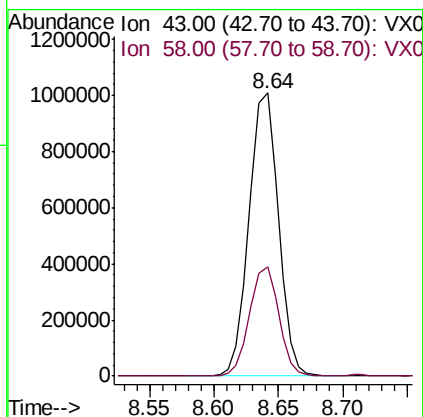
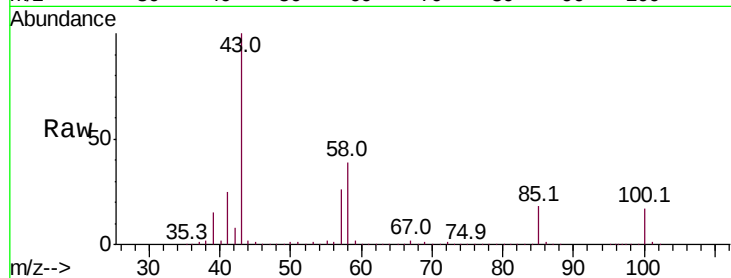
VSTDIC100

Manual Integrations

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9/23/2019 5:04:16 PM



#52

Toluene

Concen: 116.879 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012406.D

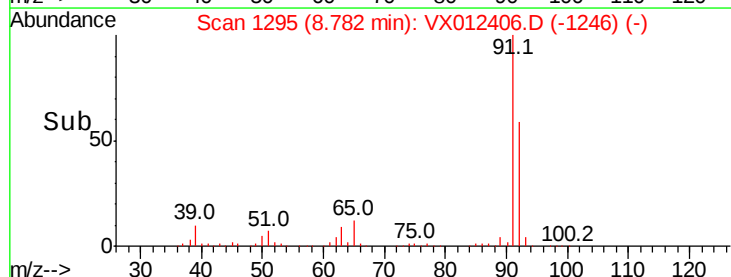
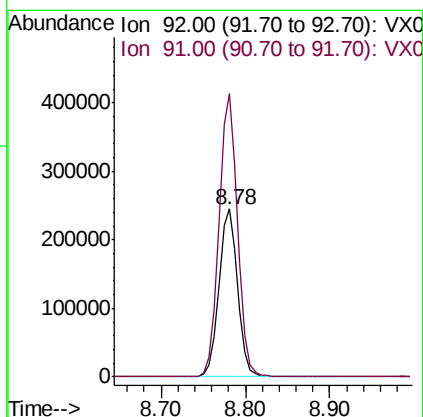
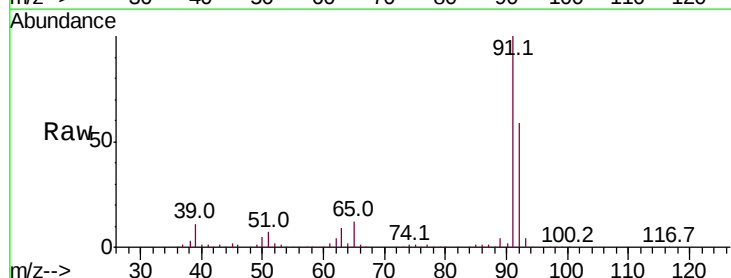
Acq: 16 Sep 2019 13:57

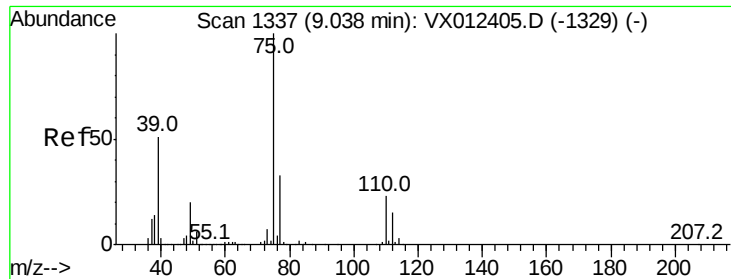
Tgt Ion: 92 Resp: 373416

Ion Ratio Lower Upper

92 100

91 167.9 133.3 199.9





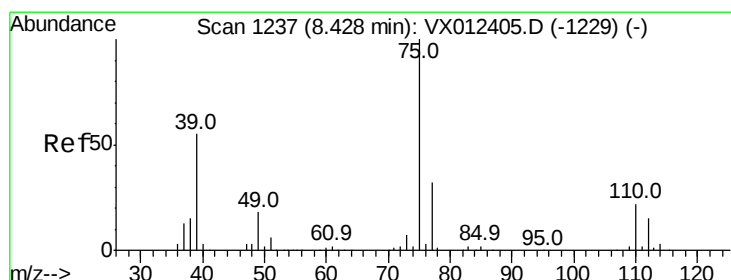
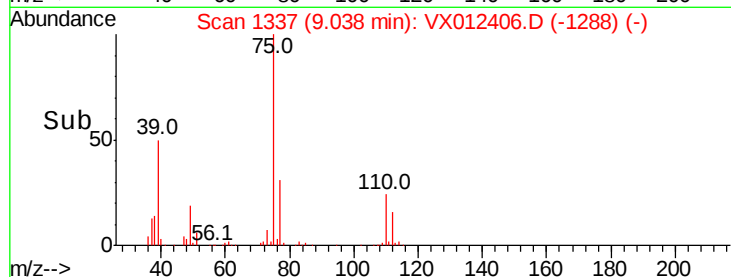
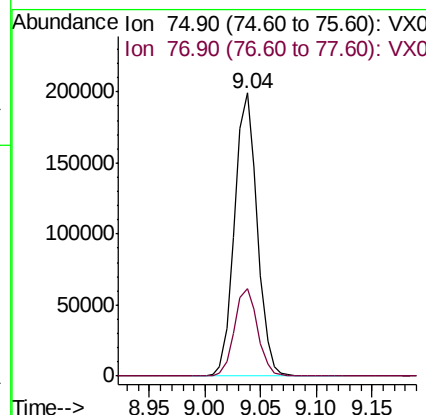
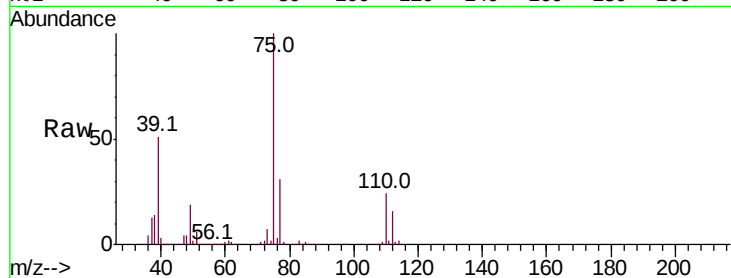
#53
t-1,3-Dichloropropene
Concen: 153.422 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	26.1	39.1

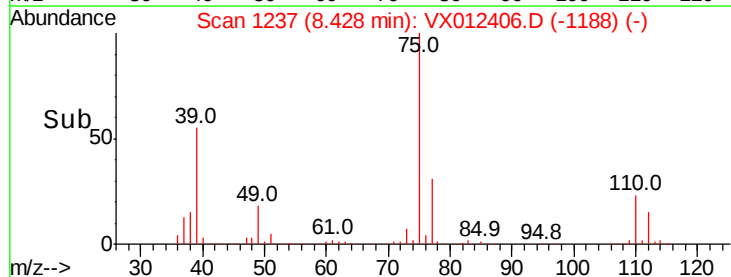
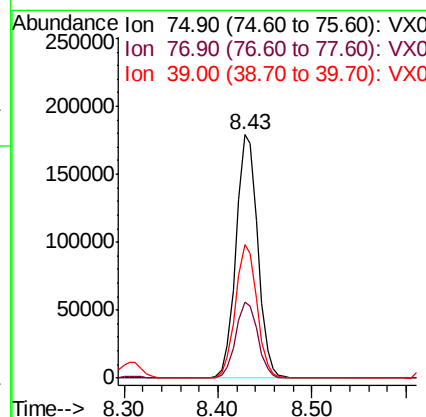
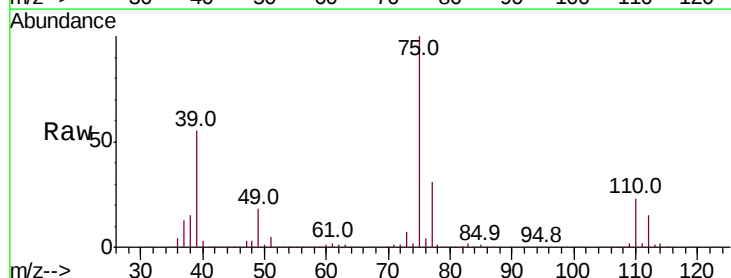
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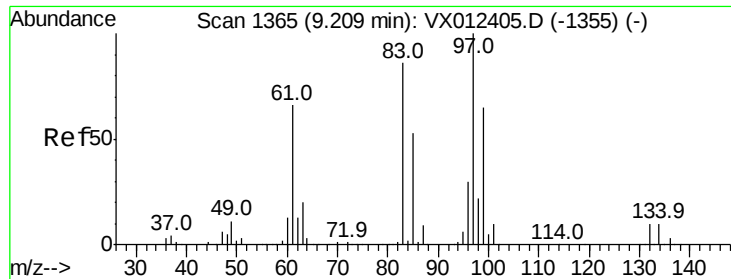
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#54
cis-1,3-Dichloropropene
Concen: 144.756 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.2	37.8
39	54.6	43.8	65.8





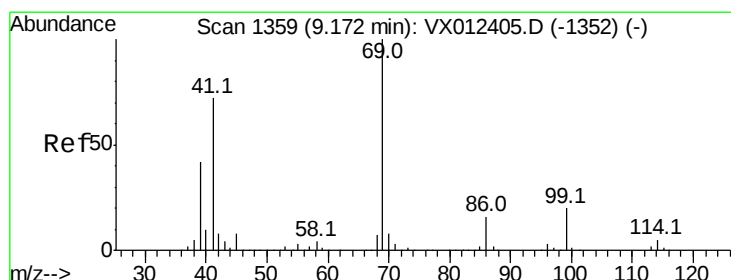
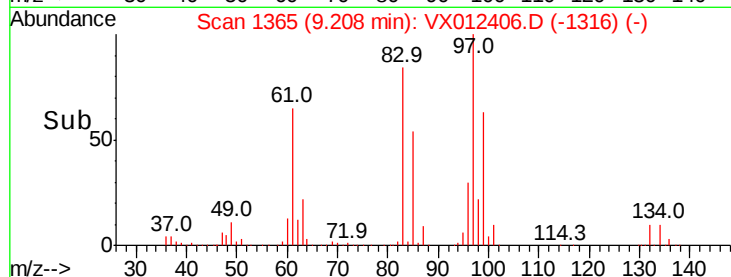
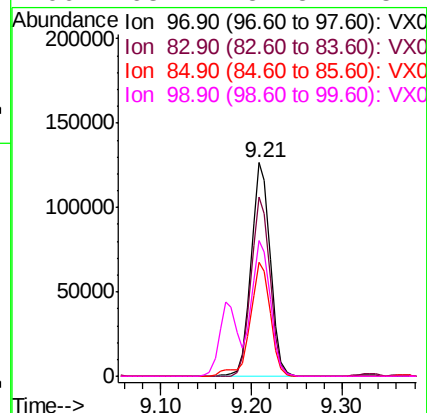
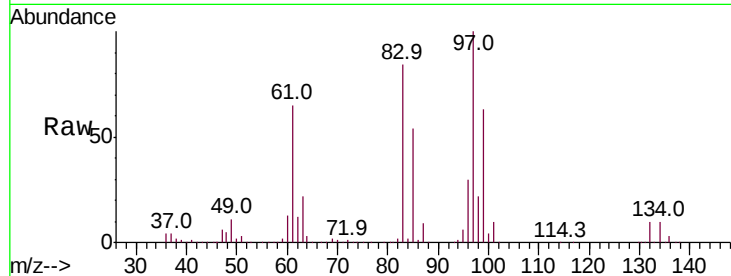
#55
 1,1,2-Trichloroethane
 Concen: 133.864 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012406.D
 Acq: 16 Sep 2019 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
97	100	184843		
83	84.1	68.5	102.7	
85	53.6	42.6	64.0	
99	63.4	52.5	78.7	

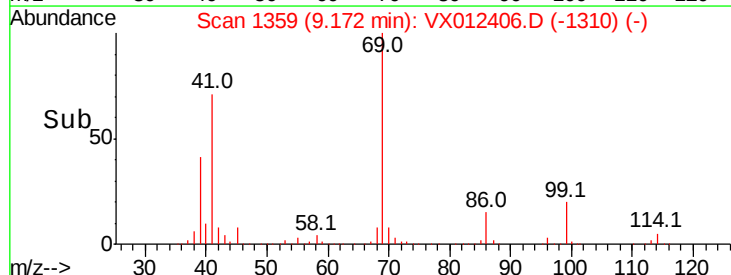
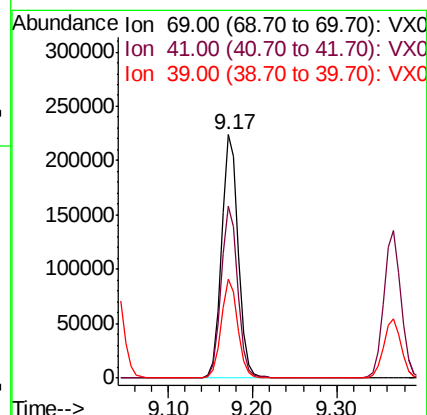
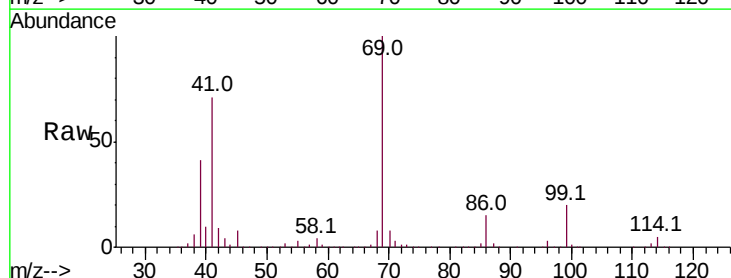
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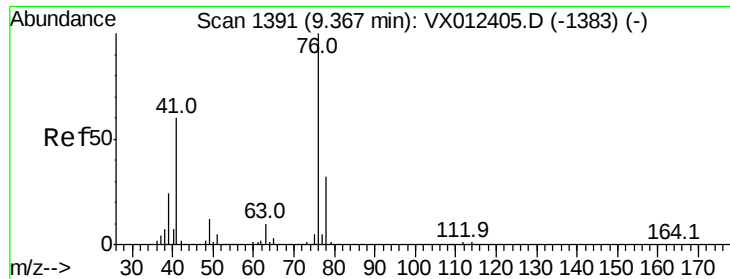
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#56
 Ethyl methacrylate
 Concen: 154.027 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012406.D
 Acq: 16 Sep 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	306633		
41	70.6	57.0	85.6	
39	40.4	32.6	49.0	





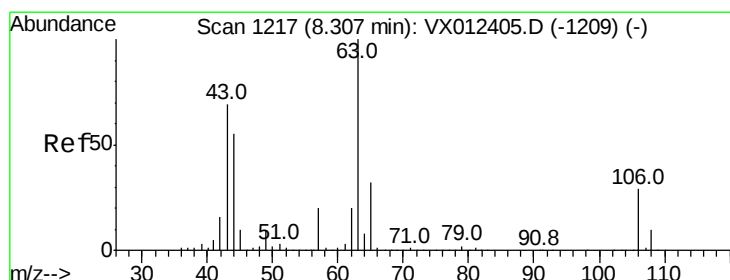
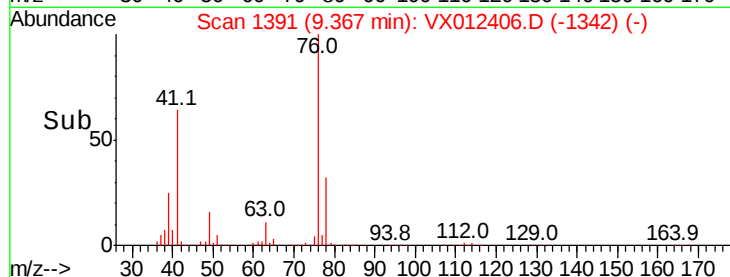
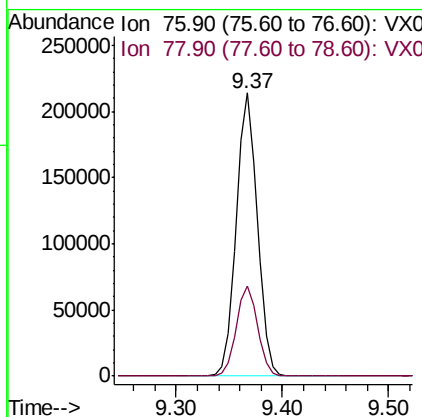
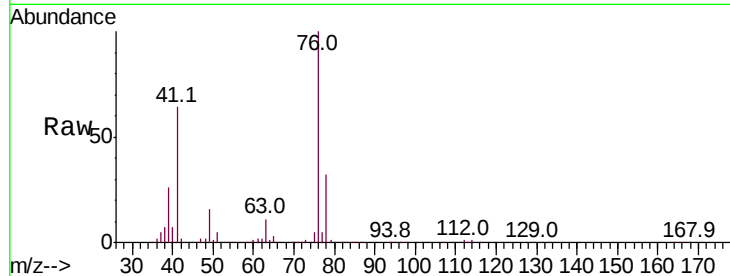
#57
 1,3-Dichloropropane
 Concen: 132.361 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012406.D
 Acq: 16 Sep 2019 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 76 Resp: 298630
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.9 38.9

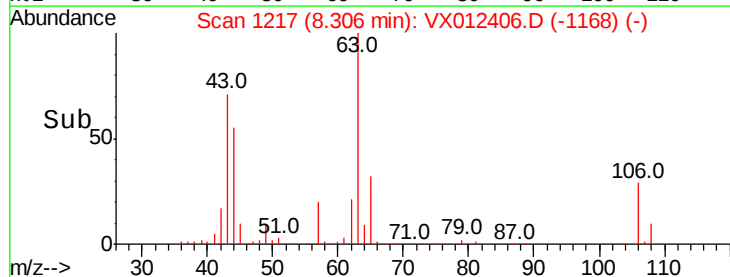
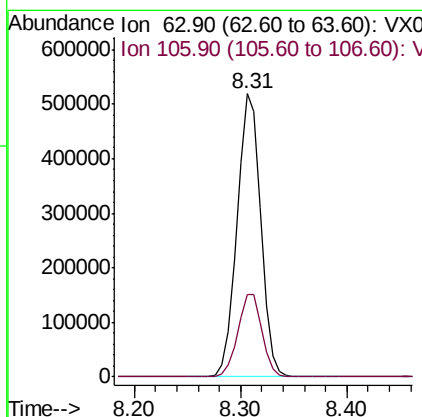
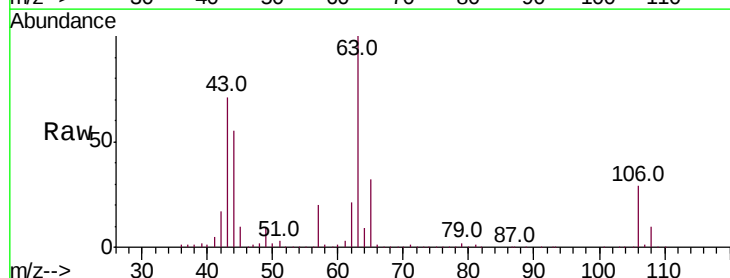
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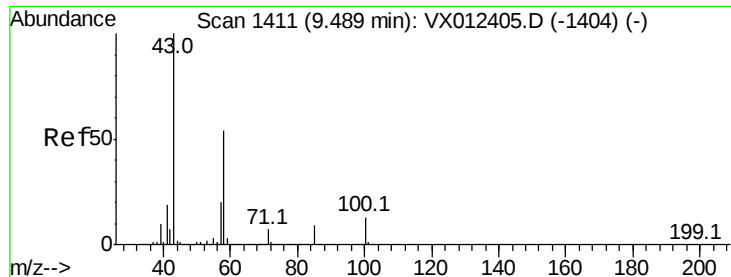
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#58
 2-Chloroethyl Vinyl ether
 Concen: 768.811 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012406.D
 Acq: 16 Sep 2019 13:57

Tgt Ion: 63 Resp: 811662
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.8 35.8





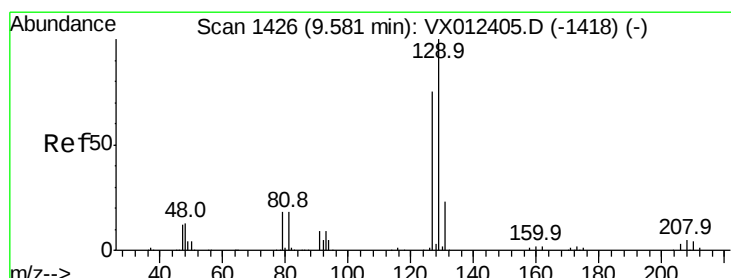
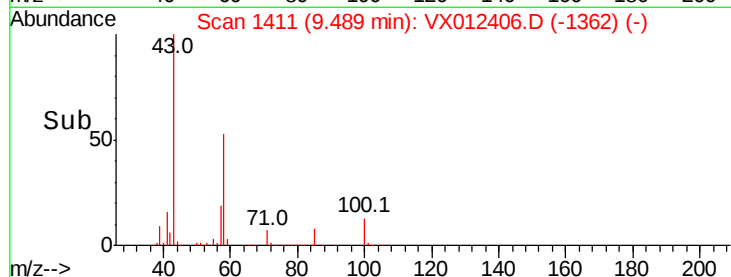
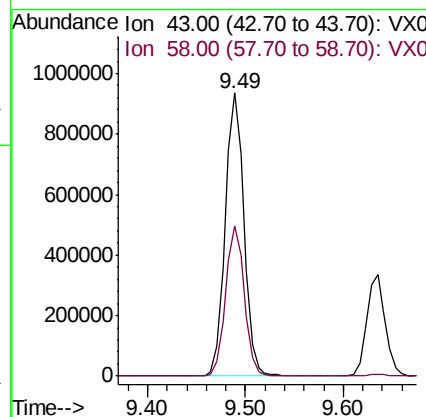
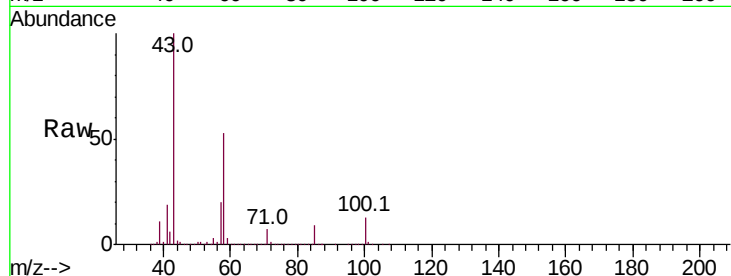
#59
2-Hexanone
Concen: 820.914 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Instrument :
MSVOA_X
ClientSampleID :
VSTDICC100

Tot Ion: 43 Resp: 1241202
Ion Ratio Lower Upper
43 100
58 53.2 26.4 79.0

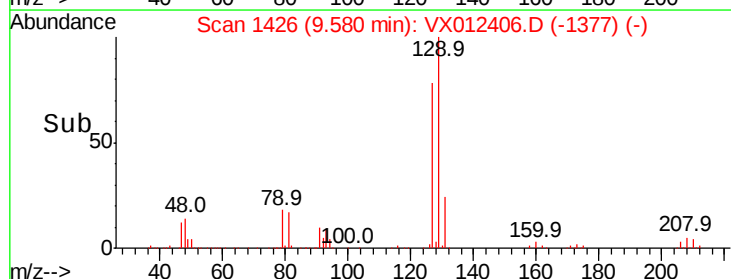
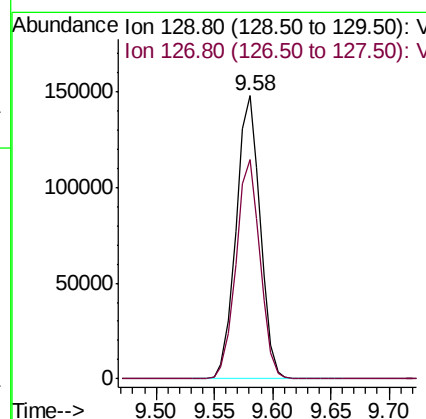
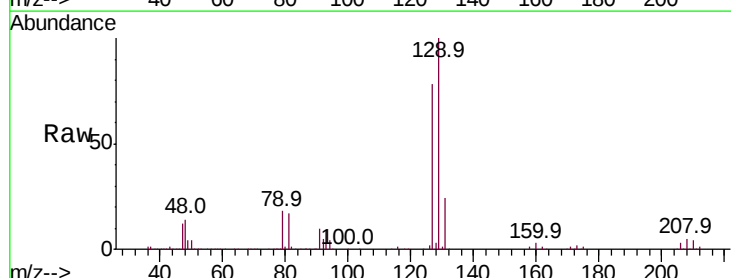
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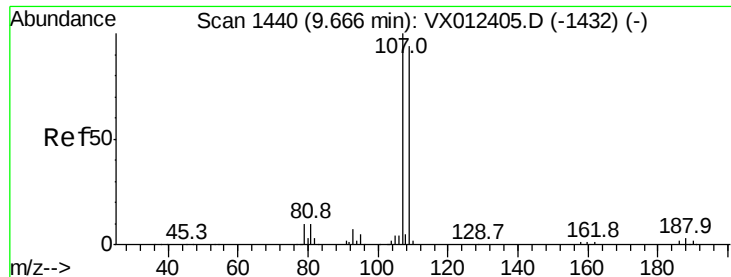
MMDadoda
9/23/2019 5:04:16 PM



#60
Dibromochloromethane
Concen: 142.042 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Tgt Ion: 129 Resp: 212832
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.3





#61

1,2-Dibromoethane

Concen: 125.282 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:107 Resp: 180536

Ion Ratio Lower Upper

107 100

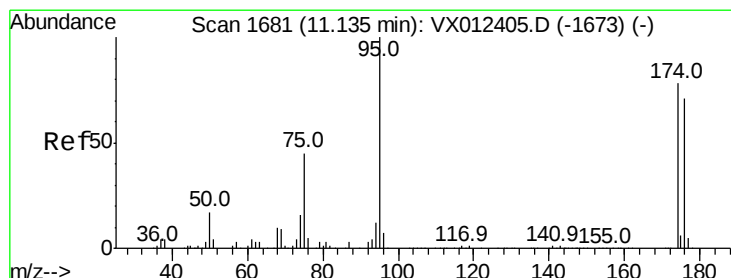
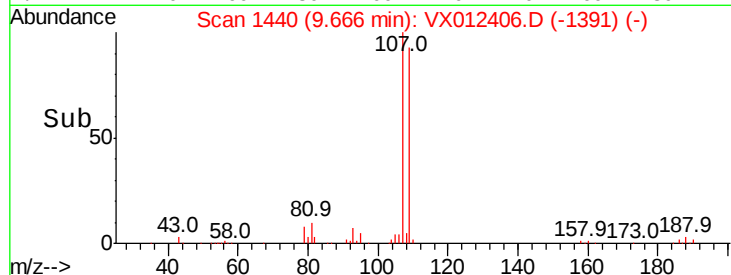
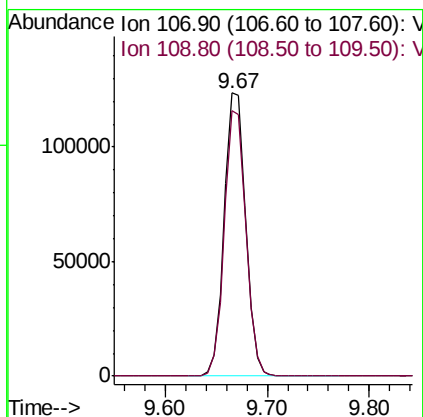
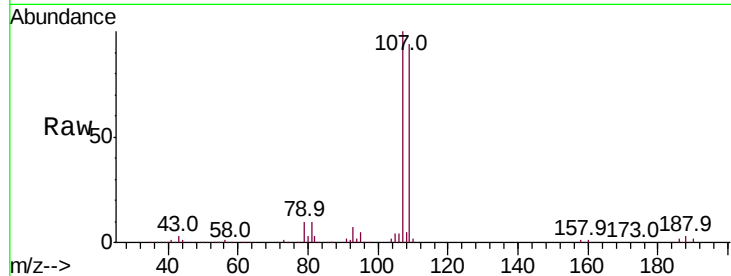
109 94.0 75.1 112.7

Manual Integrations

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9/23/2019 5:04:16 PM



#62

4-Bromofluorobenzene

Concen: 142.092 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

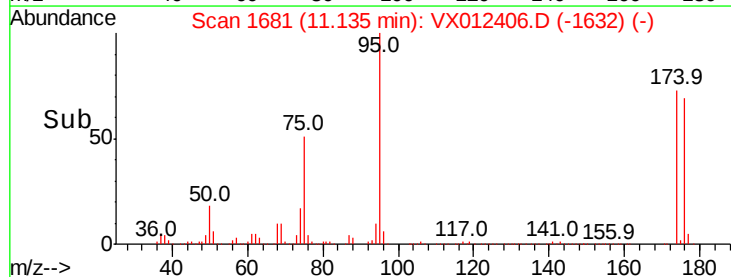
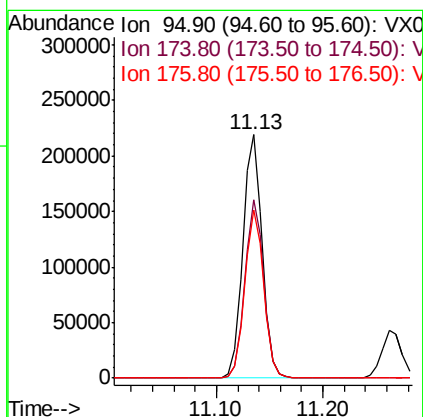
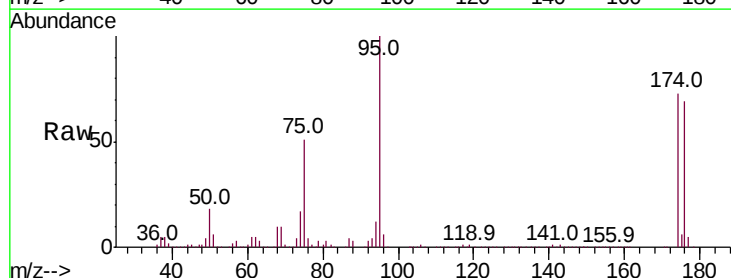
Tgt Ion: 95 Resp: 276610

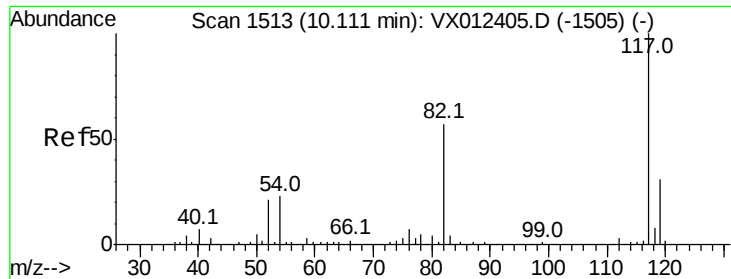
Ion Ratio Lower Upper

95 100

174 72.1 0.0 146.0

176 68.5 0.0 137.6





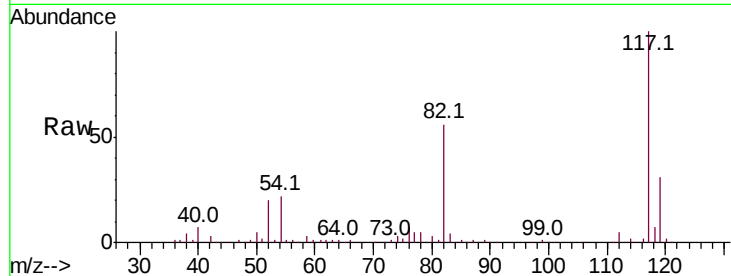
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	189594		
82	56.3	45.8	68.6	
119	31.4	24.9	37.3	

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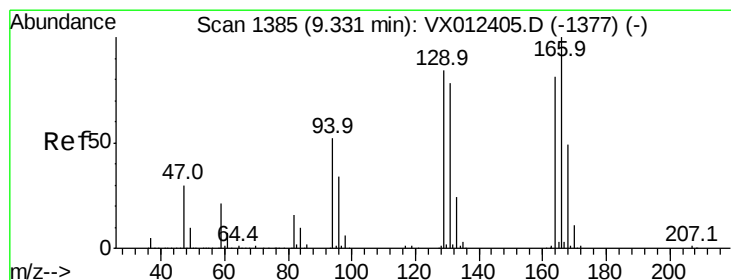
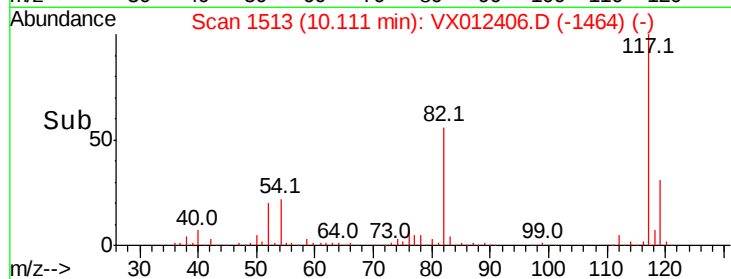
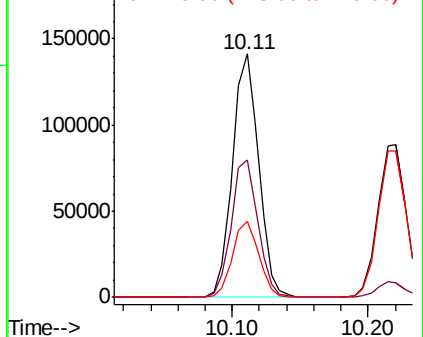


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 83.505 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	122482		
166	126.8	98.2	147.4	
129	99.9	82.6	123.8	
131	96.1	76.7	115.1	

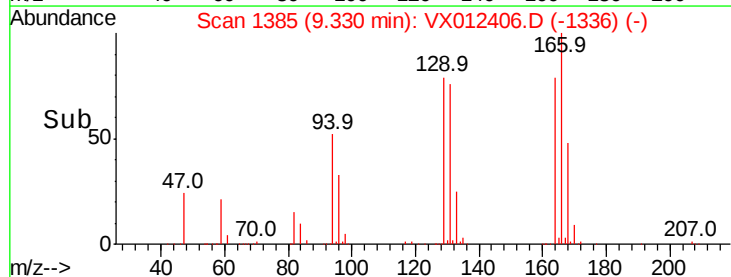
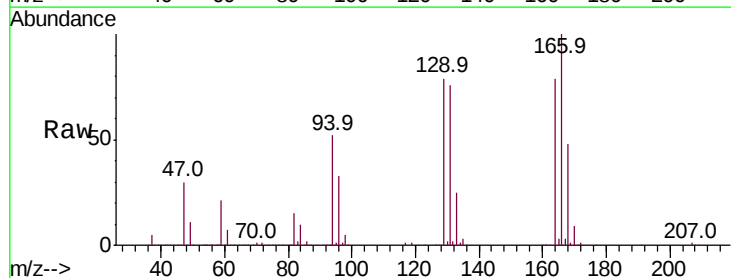
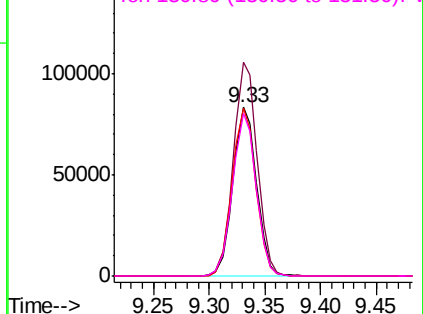
Abundance

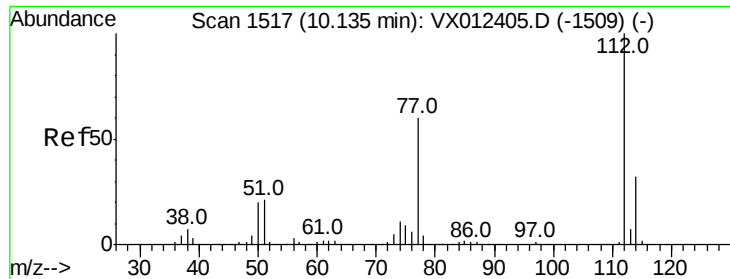
Ion 163.80 (163.50 to 164.50): V

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





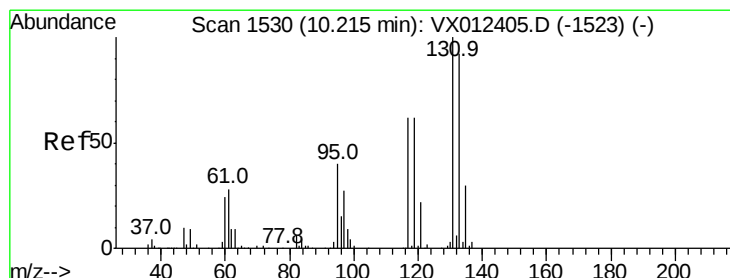
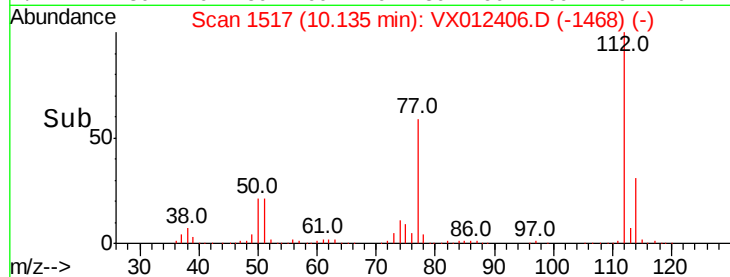
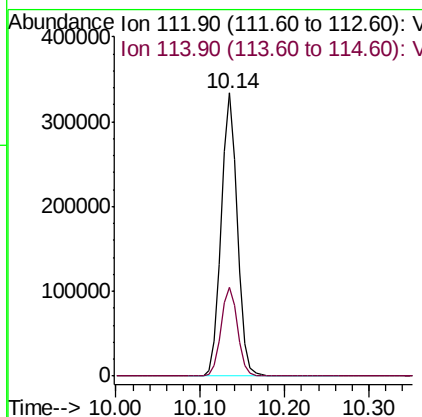
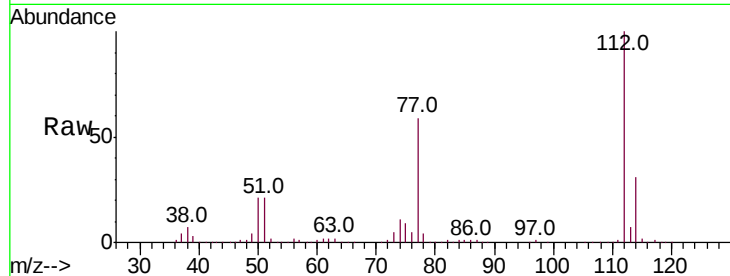
#65
Chlorobenzene
Concen: 114.780 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 445308
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2

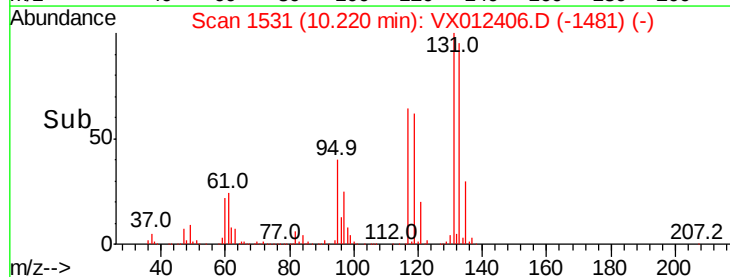
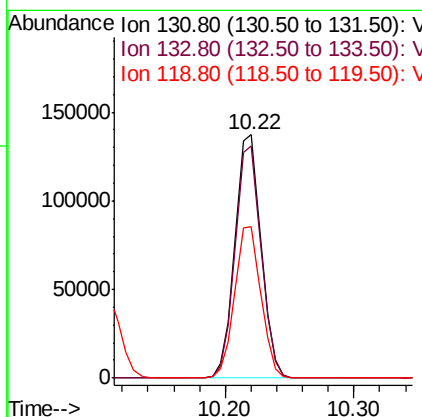
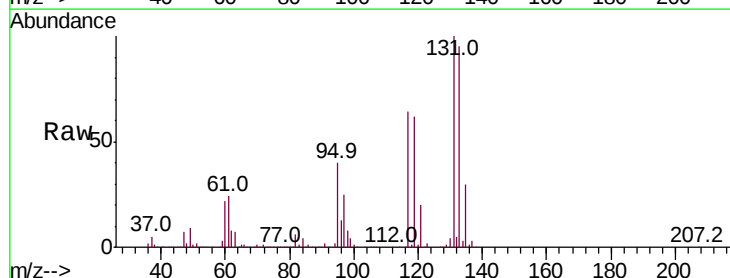
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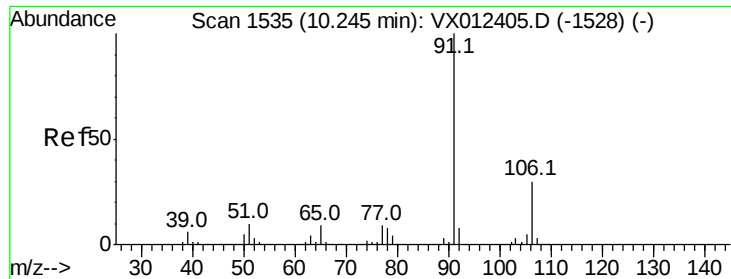
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 130.659 ug/l
RT: 10.22 min Scan# 1531
Delta R.T. 0.01 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Tgt Ion:131 Resp: 194117
Ion Ratio Lower Upper
131 100
133 95.7 48.4 145.0
119 63.0 31.6 94.7





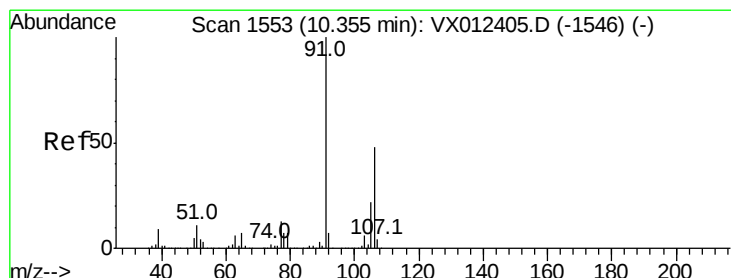
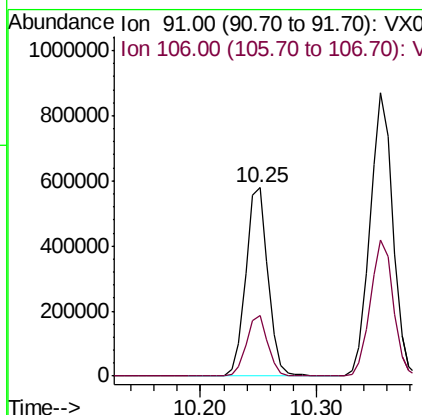
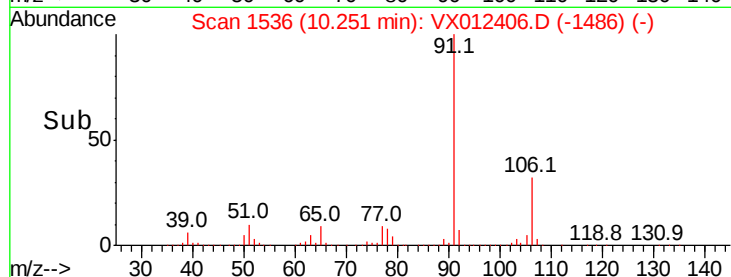
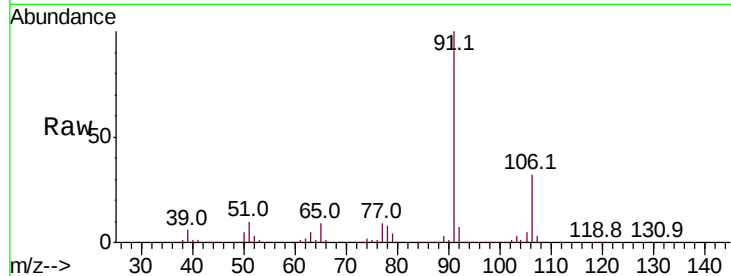
#67
Ethyl Benzene
Concen: 119.525 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Instrument :
MSVOA_X
ClientSampleID :
VSTDIC100

Tot Ion: 91 Resp: 772385
Ion Ratio Lower Upper
91 100
106 31.9 24.0 36.0

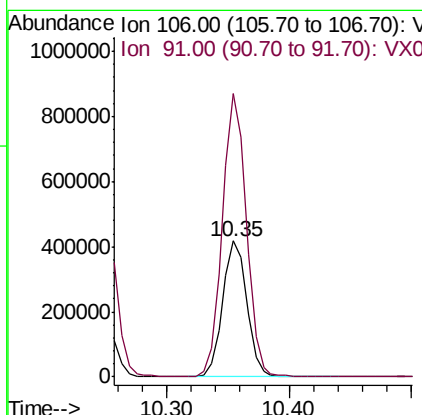
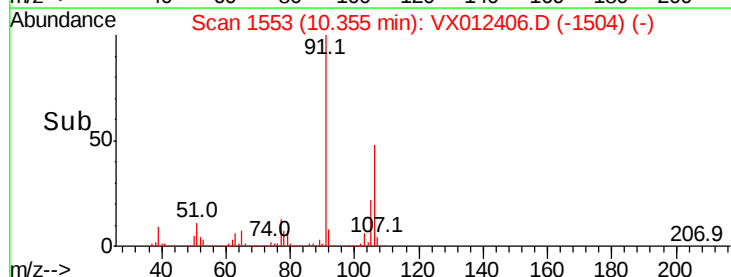
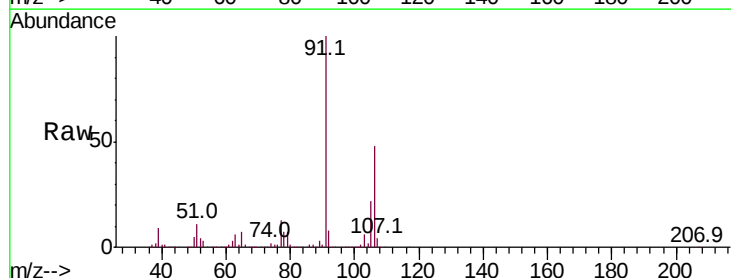
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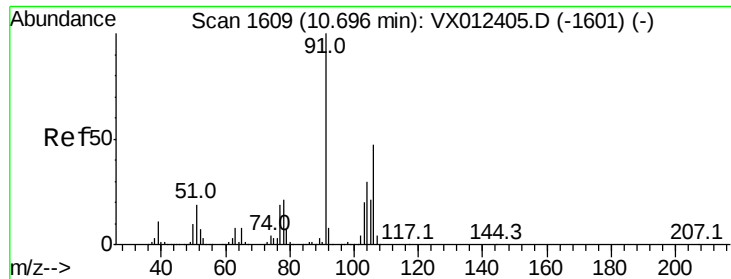
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9/23/2019 5:04:16 PM



#68
m/p-Xylenes
Concen: 233.354 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Tgt Ion: 106 Resp: 574283
Ion Ratio Lower Upper
106 100
91 205.8 167.4 251.0





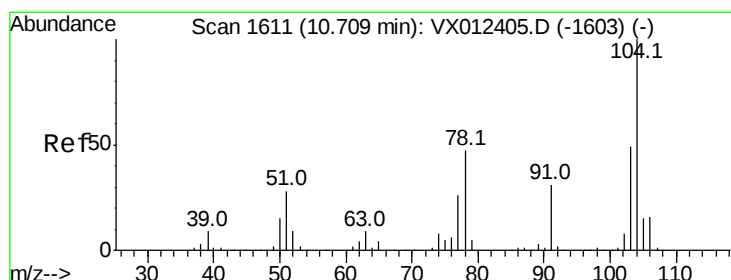
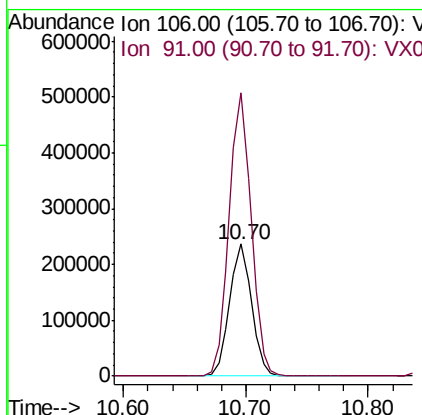
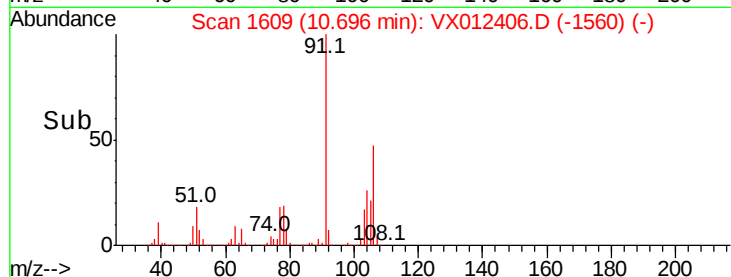
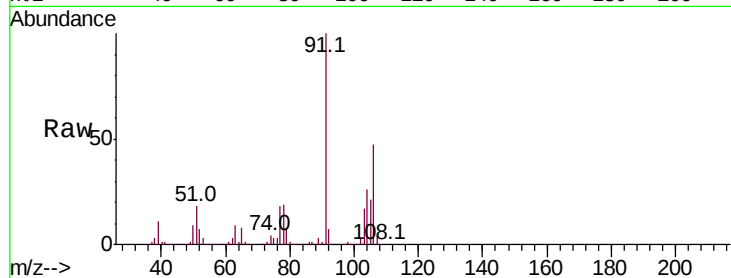
#69
o-Xylene
Concen: 119.993 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.8	107.8	323.6

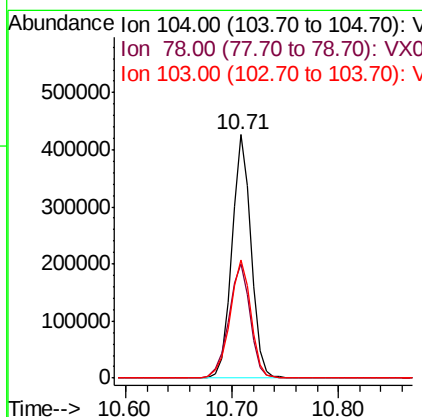
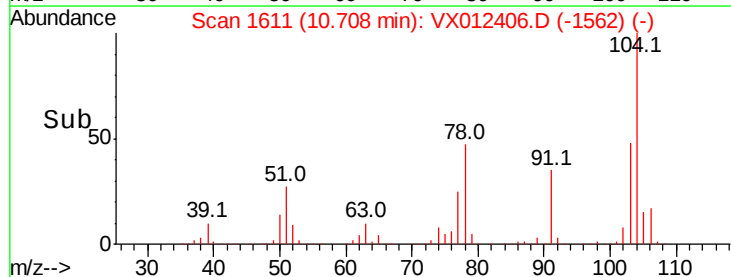
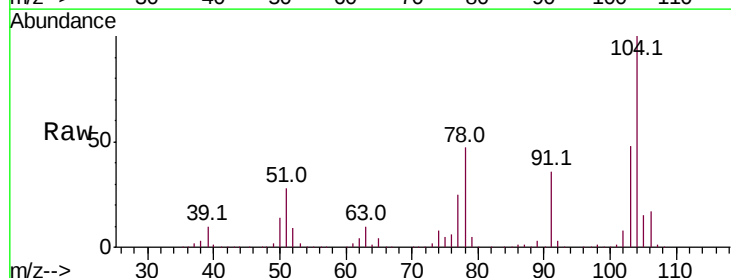
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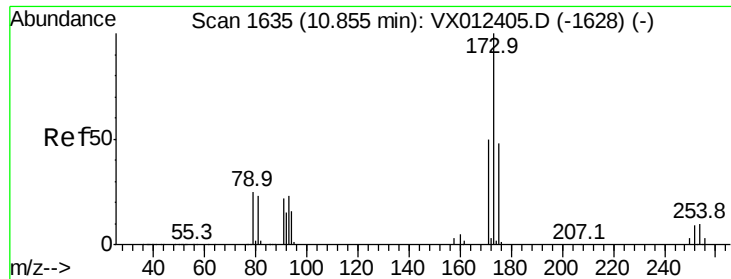
MMDadoda
9/23/2019 5:04:16 PM



#70
Styrene
Concen: 130.022 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.4	42.3	63.5
103	53.1	42.9	64.3





#71

Bromoform

Concen: 130.400 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:173 Resp: 163519

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

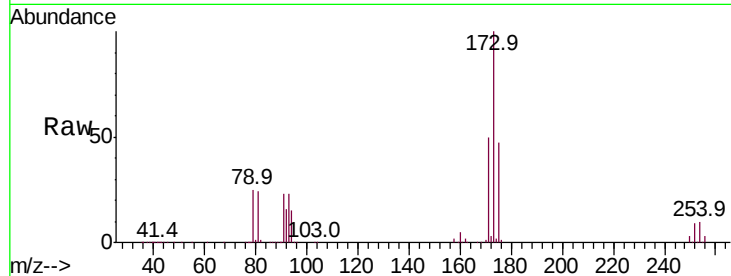
254 0.1 0.1 0.1#

Manual Integrations

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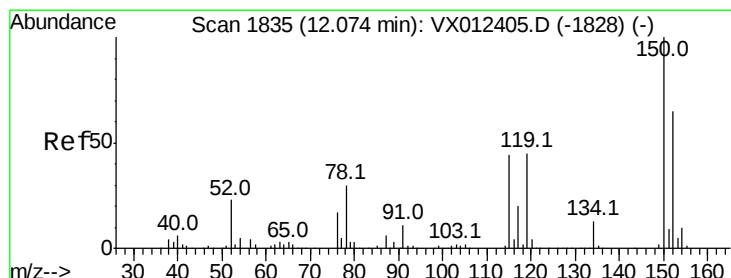
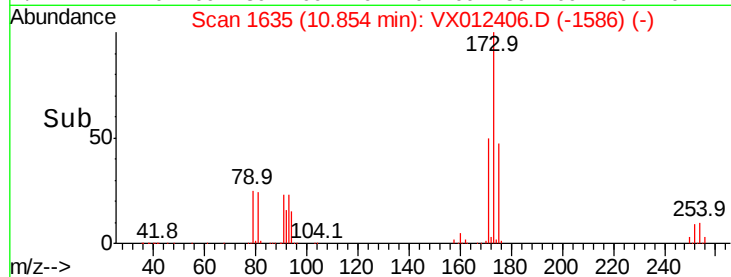
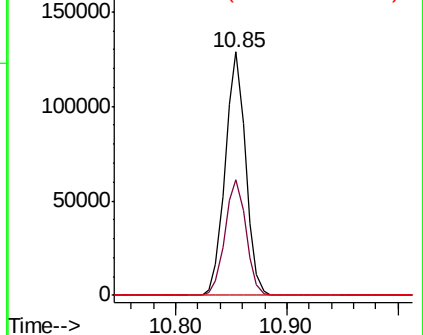
9/23/2019 5:04:16 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

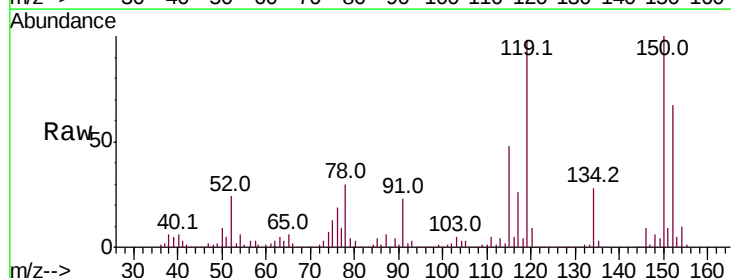
Tgt Ion:152 Resp: 121144

Ion Ratio Lower Upper

152 100

115 111.2 45.3 135.9

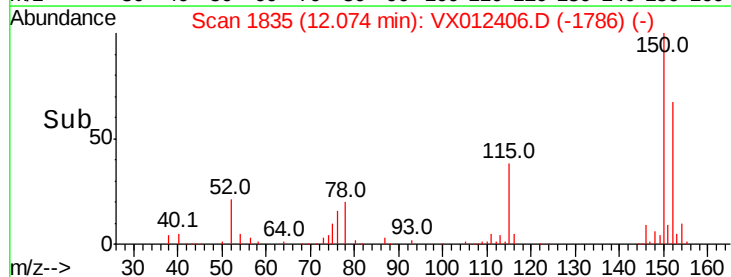
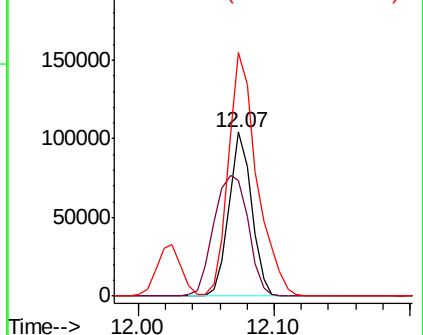
150 185.9 0.0 354.0

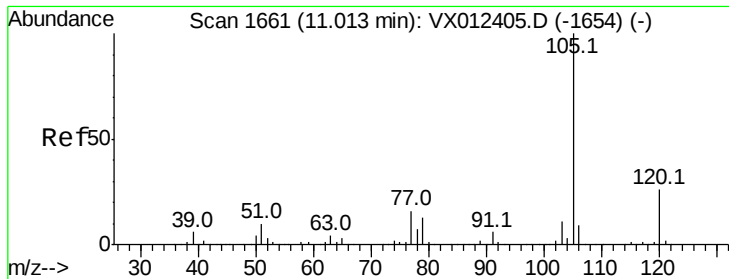


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 107.703 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 817509

Ion Ratio Lower Upper

105 100

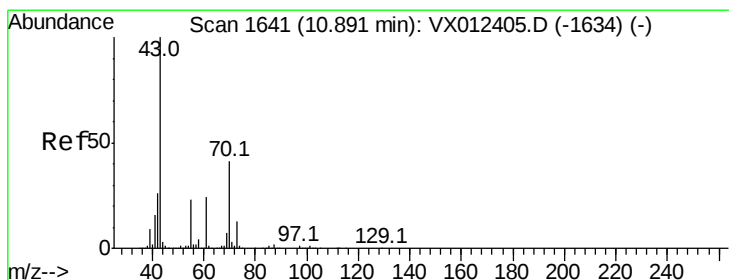
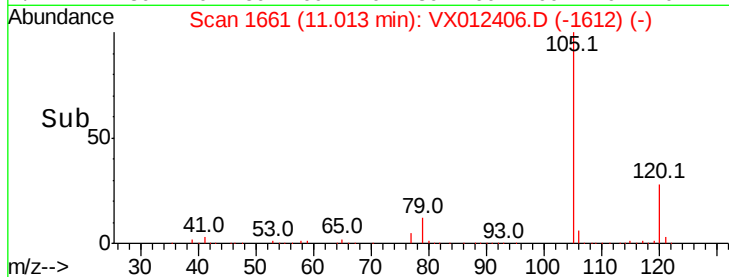
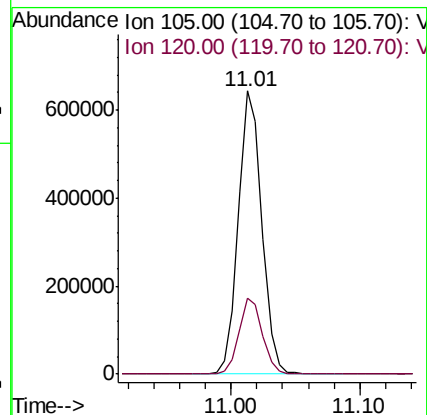
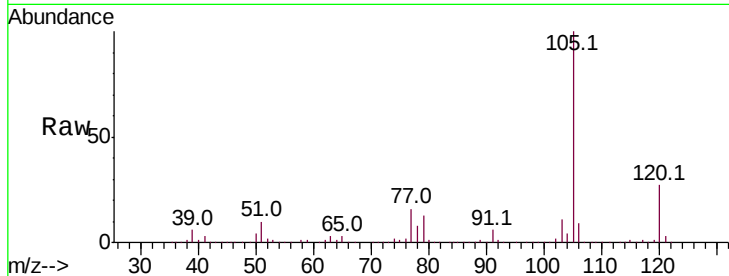
120 26.8 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 142.821 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Tgt Ion: 43 Resp: 451040

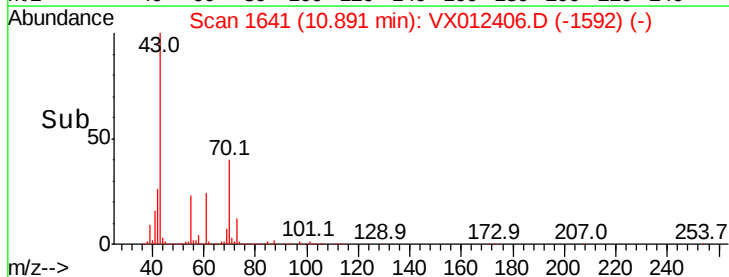
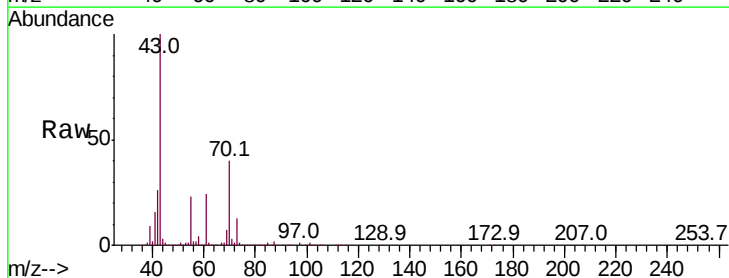
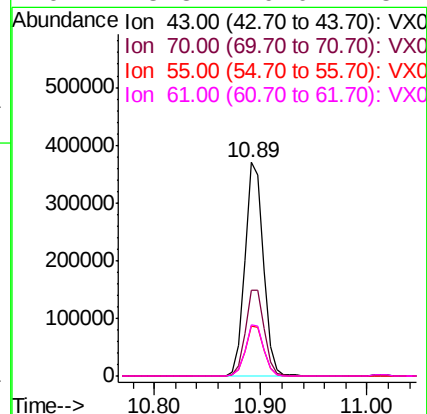
Ion Ratio Lower Upper

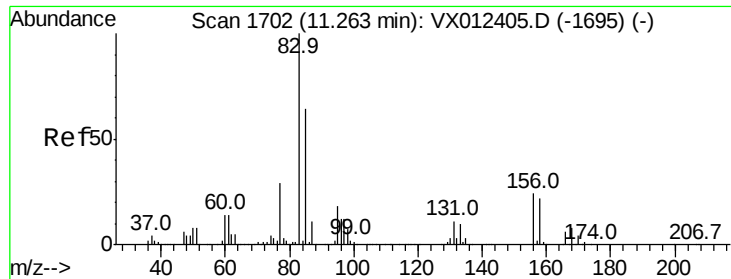
43 100

70 41.0 32.7 49.1

55 23.3 18.9 28.3

61 23.8 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 122.908 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Instrument :

MSVOA_X

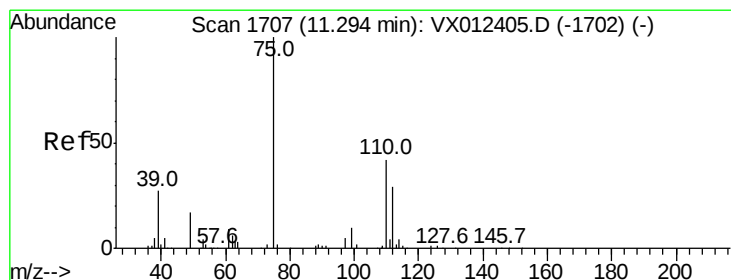
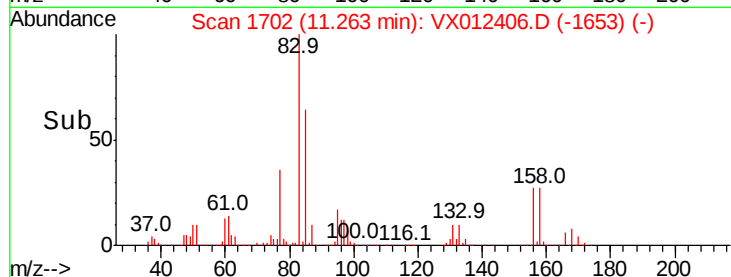
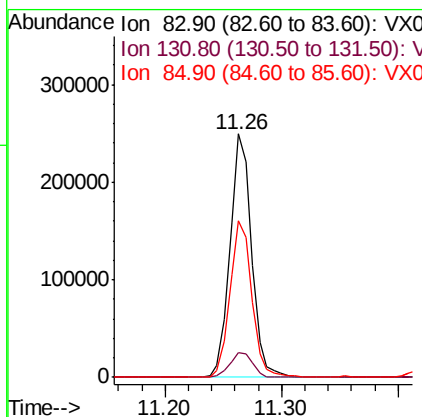
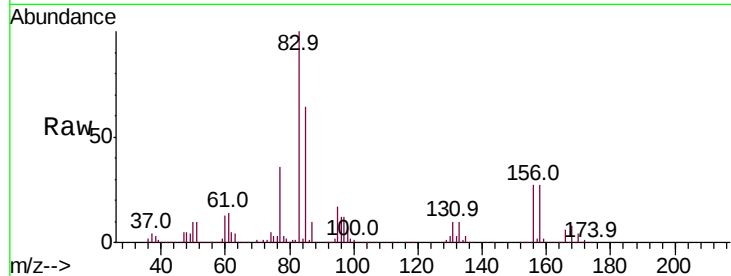
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	322420
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.4
85	65.3	32.9	98.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 128.529 ug/l m

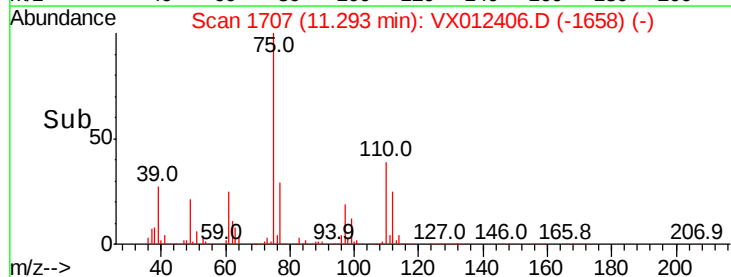
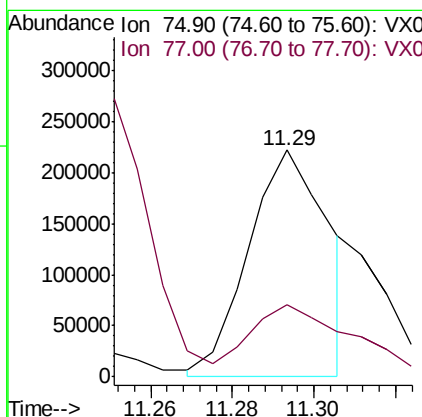
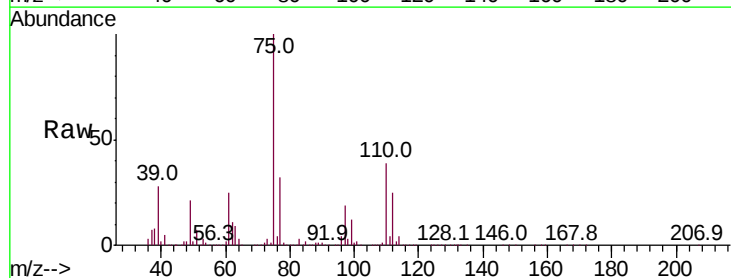
RT: 11.29 min Scan# 1707

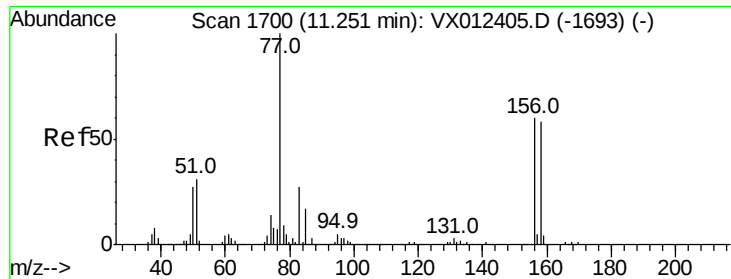
Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Tgt Ion:	75	Resp:	301397
Ion Ratio	Lower	Upper	
75	100		
77	41.1	19.4	58.2





#77

Bromobenzene

Concen: 96.097 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:156 Resp: 210234

Ion Ratio Lower Upper

156 100

77 167.9 84.8 254.3

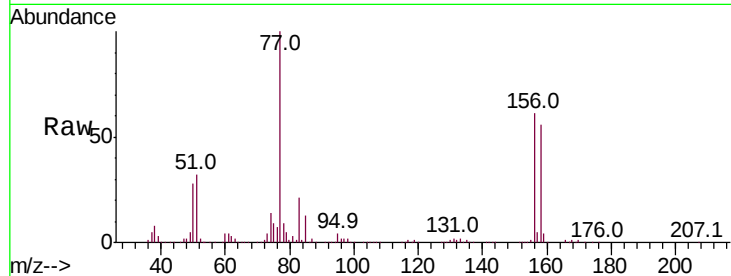
158 96.5 47.9 143.6

Manual Integrations

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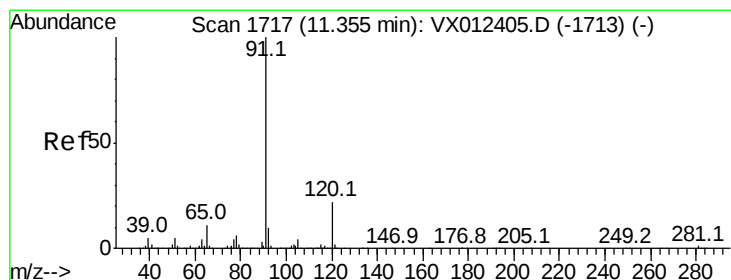
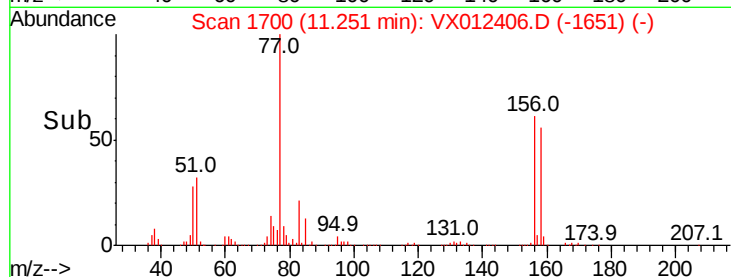
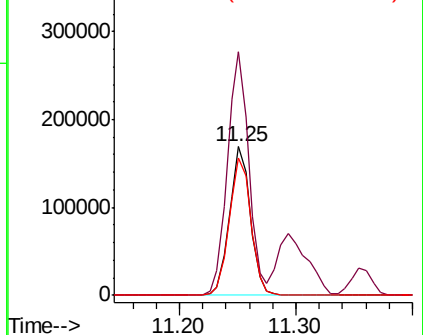
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 115.966 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012406.D

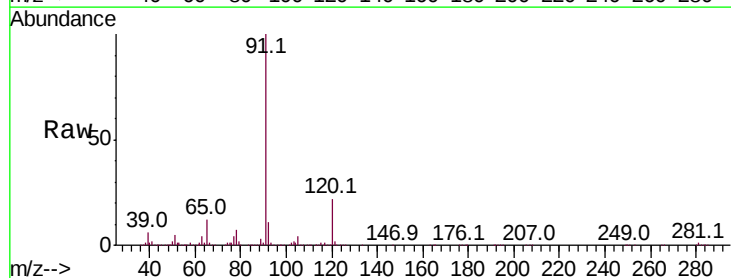
Acq: 16 Sep 2019 13:57

Tgt Ion: 91 Resp: 947238

Ion Ratio Lower Upper

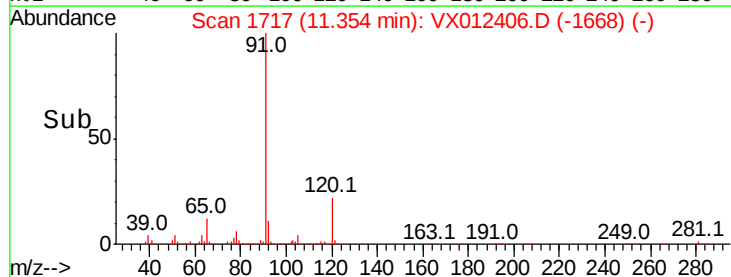
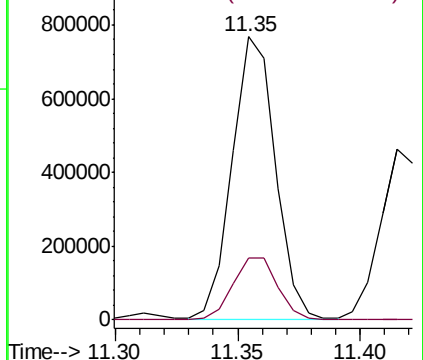
91 100

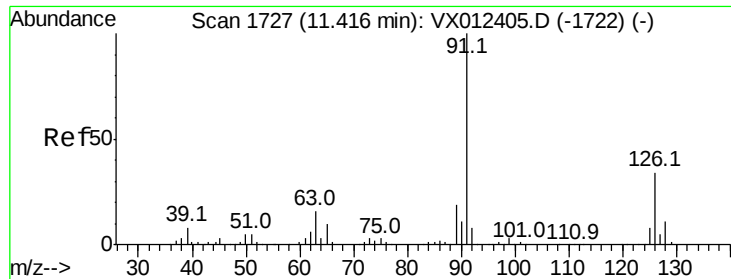
120 22.9 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





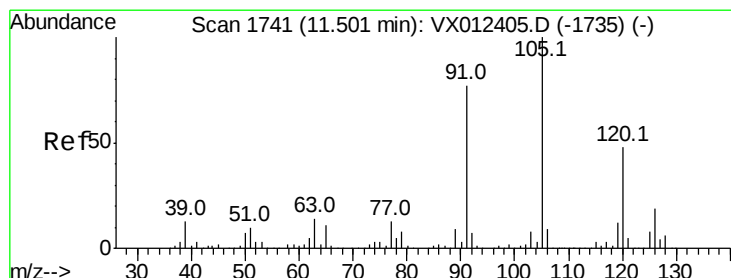
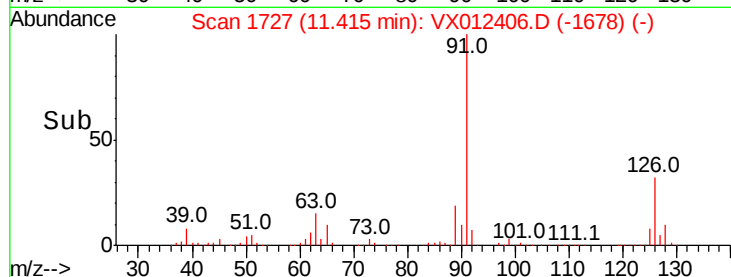
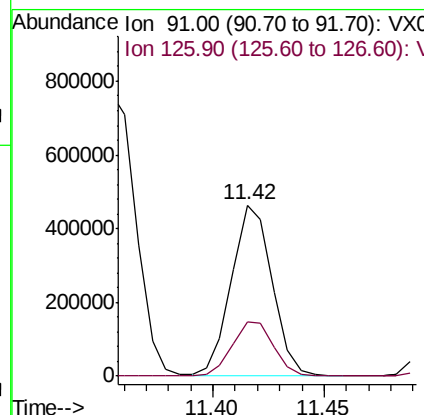
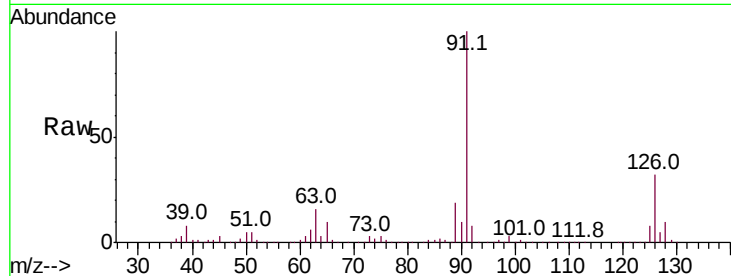
#79
2-Chlorotoluene
Concen: 115.730 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 592928
Ion Ratio Lower Upper
91 100
126 32.6 16.4 49.2

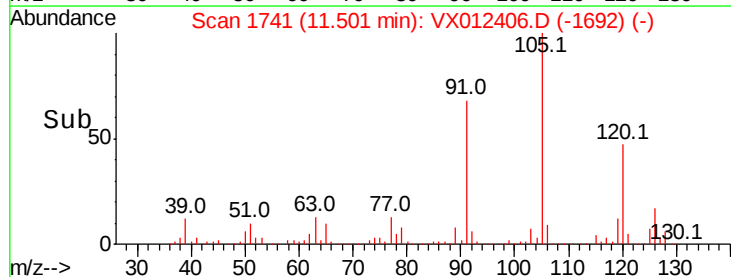
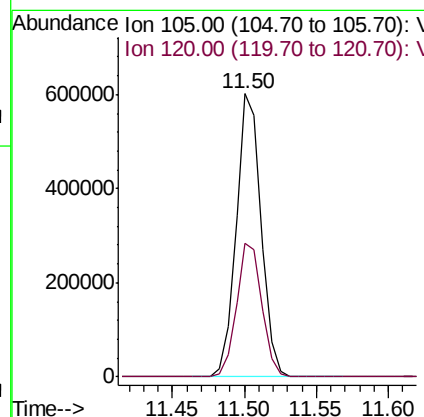
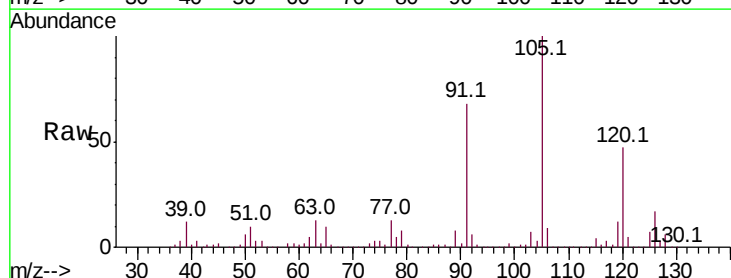
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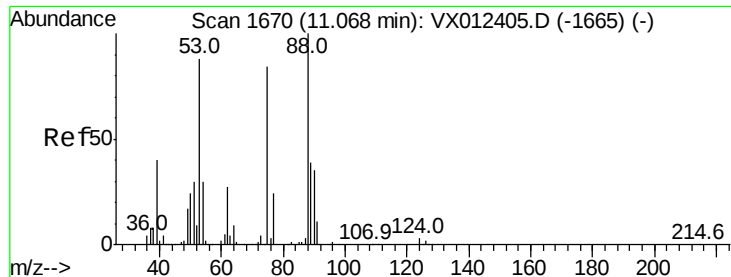
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#80
1,3,5-Trimethylbenzene
Concen: 114.198 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Tgt Ion: 105 Resp: 727282
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 144.368 ug/l

RT: 11.07 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 113279

Ion Ratio Lower Upper

75 100

53 101.3 84.6 127.0

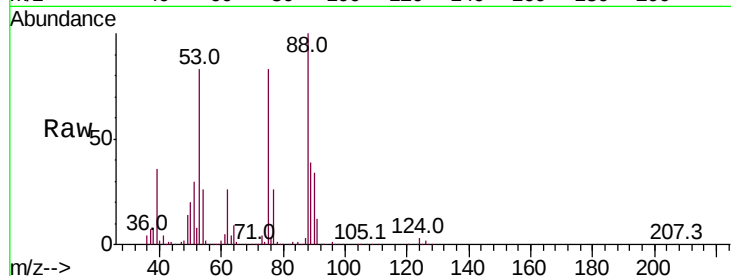
89 47.0 38.8 58.2

Manual Integrations

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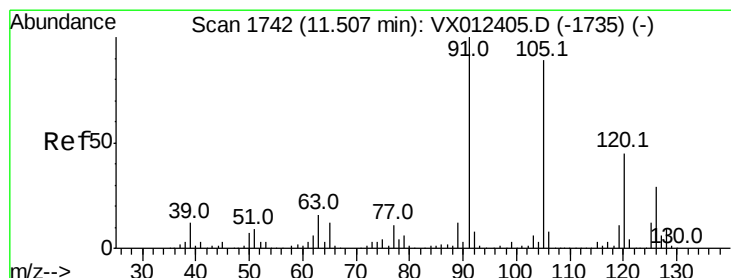
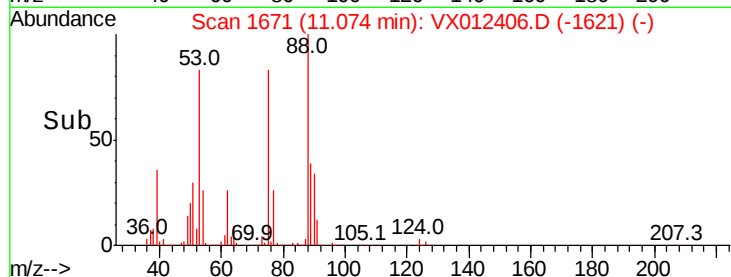
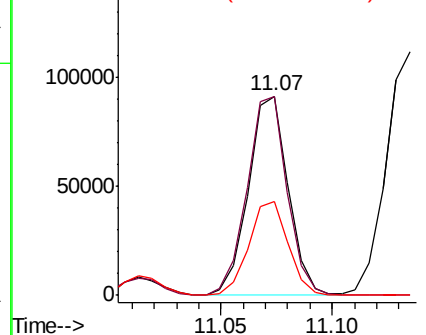
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 117.450 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012406.D

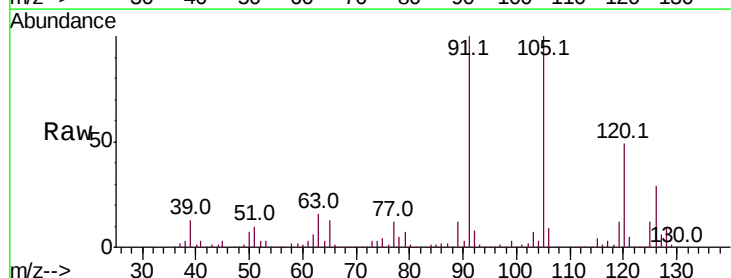
Acq: 16 Sep 2019 13:57

Tgt Ion: 91 Resp: 696743

Ion Ratio Lower Upper

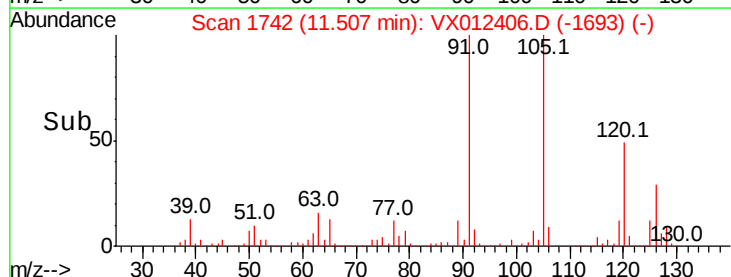
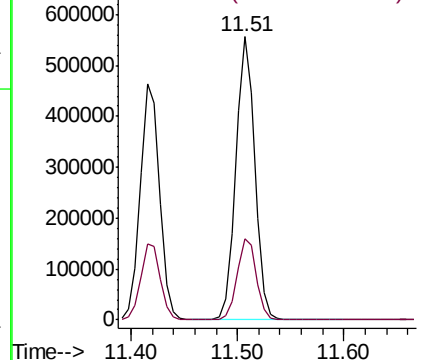
91 100

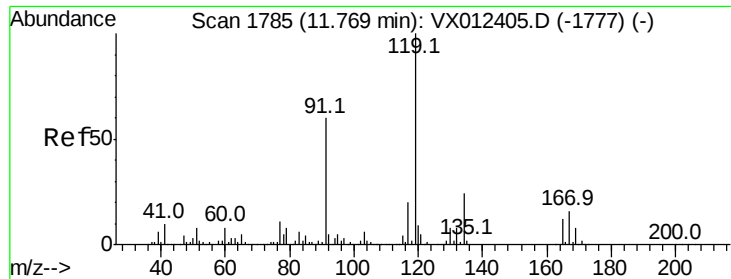
126 28.9 14.1 42.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





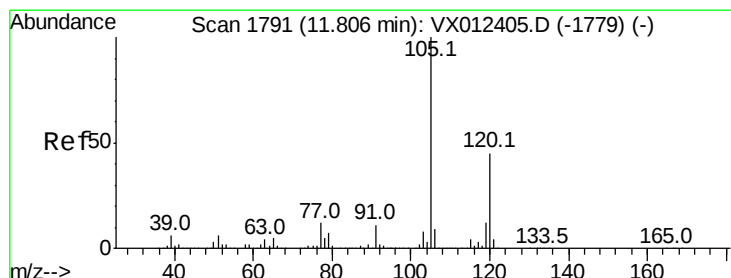
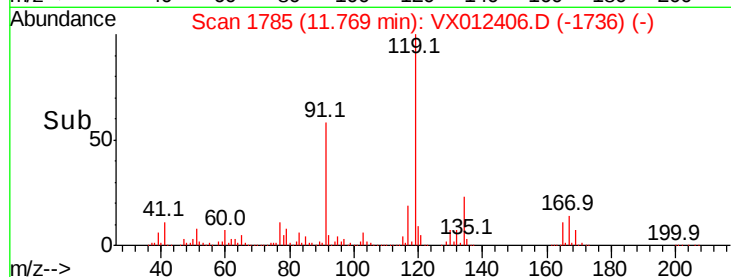
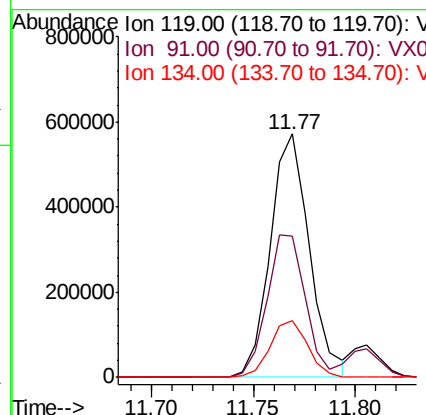
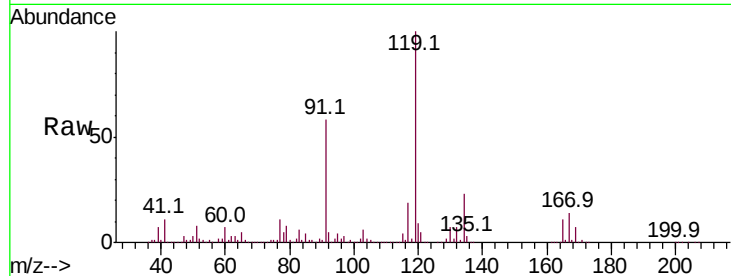
#83
tert-Butylbenzene
Concen: 120.023 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
119	100	763082		
91	57.6	29.6	88.8	
134	22.7	11.4	34.1	

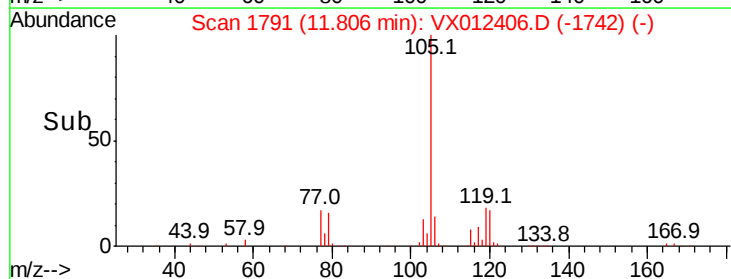
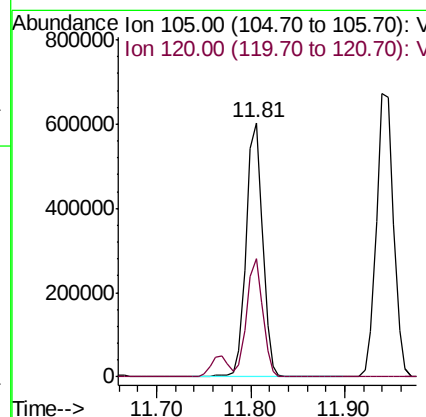
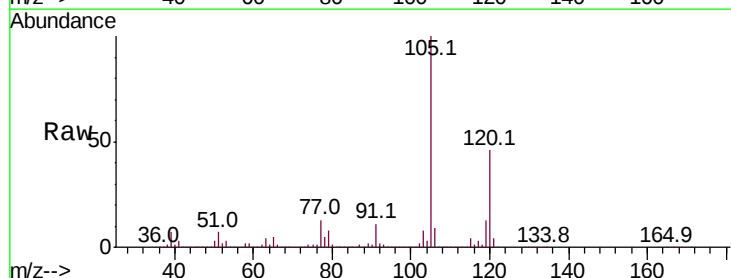
Manual Integrations
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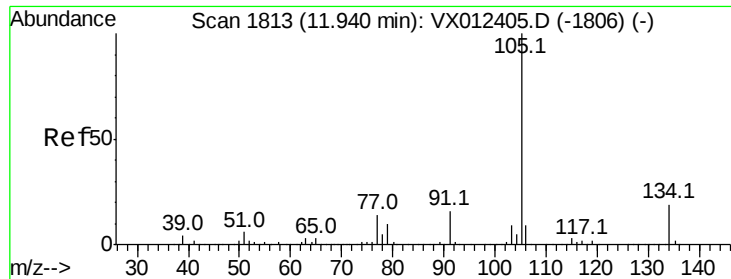
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#84
1,2,4-Trimethylbenzene
Concen: 114.334 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	737090		
120	45.0	22.1	66.5	





#85

sec-Butylbenzene

Concen: 117.006 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 851581

Ion Ratio Lower Upper

105 100

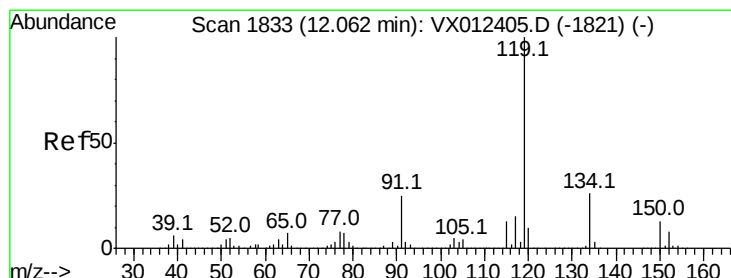
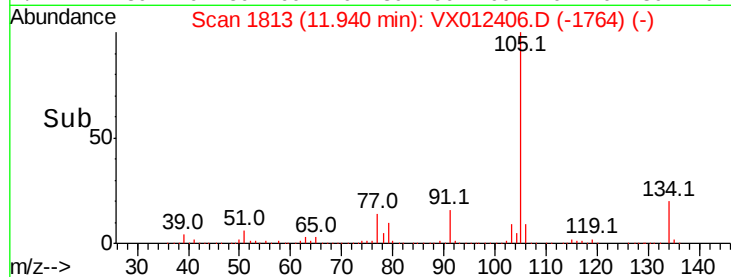
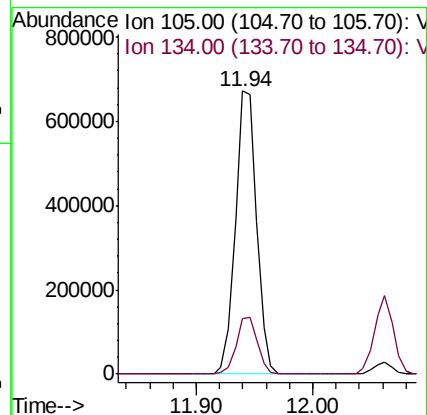
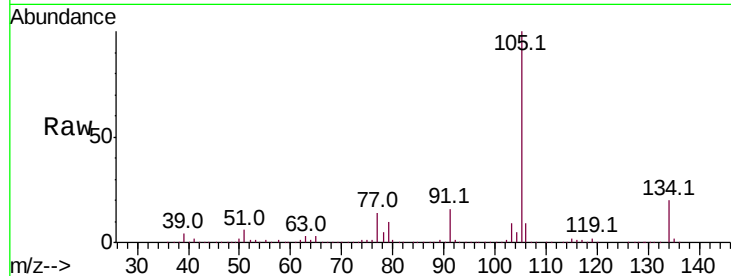
134 20.0 10.1 30.1

Manual Integrations

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9/23/2019 5:04:16 PM



#86

p-Isopropyltoluene

Concen: 115.504 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

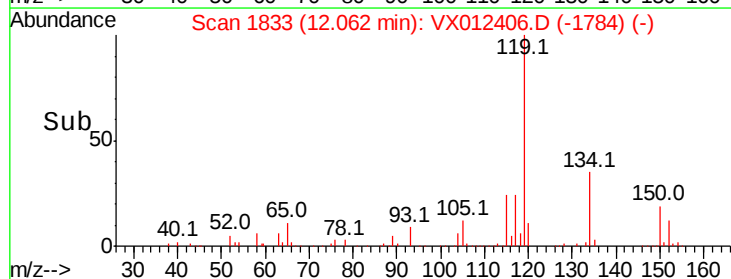
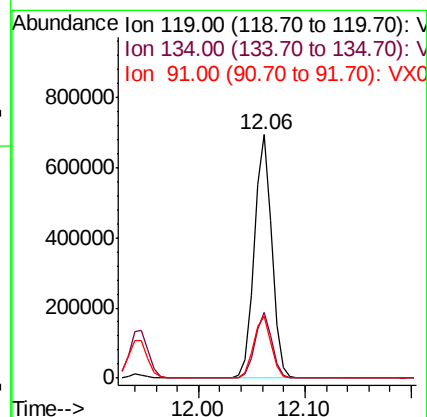
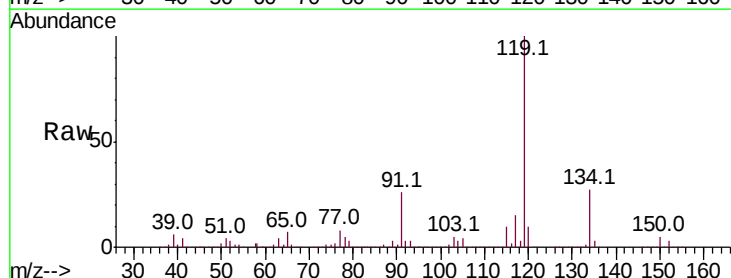
Tgt Ion:119 Resp: 798949

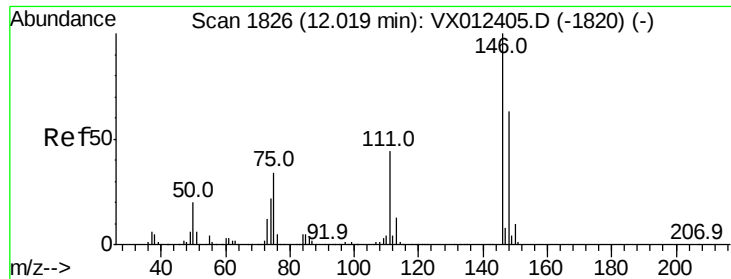
Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.6

91 25.6 12.9 38.6





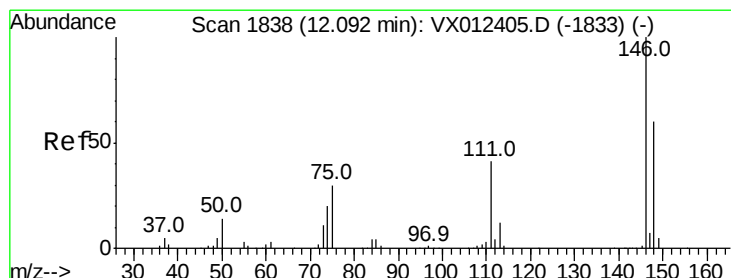
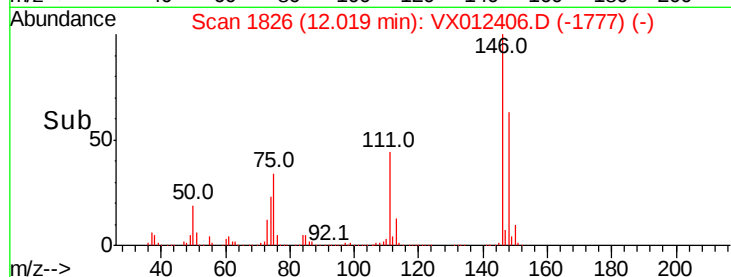
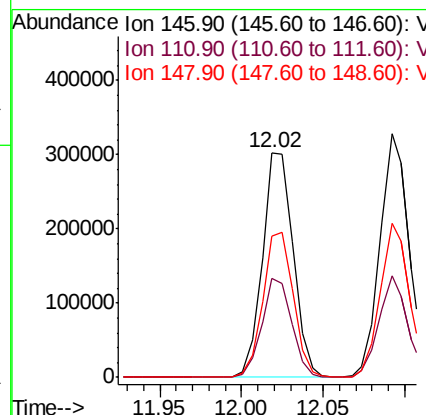
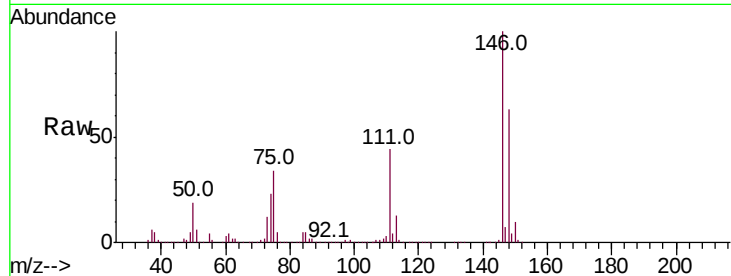
#87
 1,3-Dichlorobenzene
 Concen: 104.425 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012406.D
 Acq: 16 Sep 2019 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	395905		
111	42.9	21.3	64.0	
148	63.9	31.6	94.8	

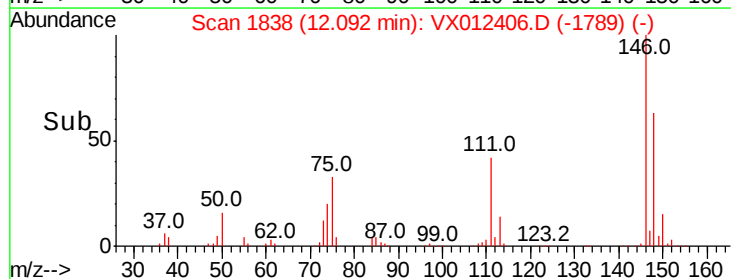
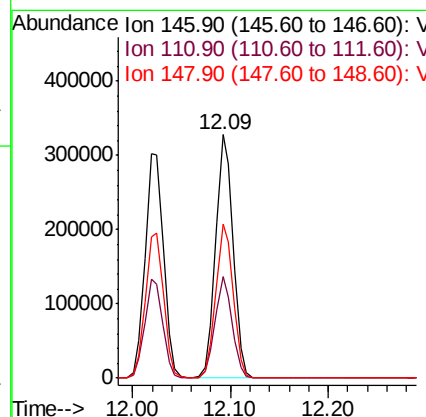
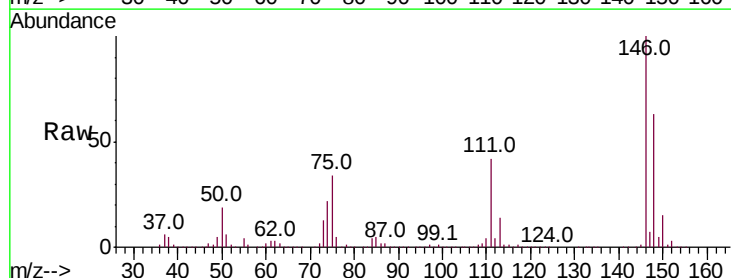
Manual Integrations
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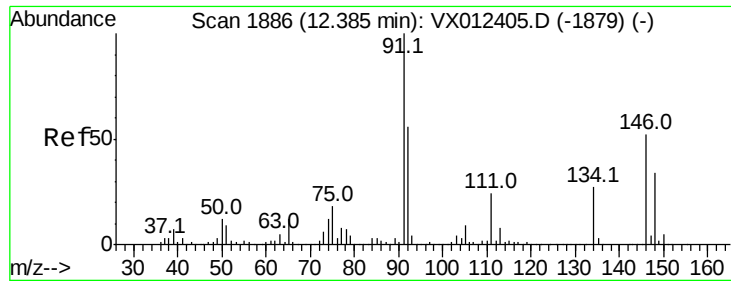
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#88
 1,4-Dichlorobenzene
 Concen: 105.258 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012406.D
 Acq: 16 Sep 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	405864		
111	40.8	20.6	61.9	
148	63.3	31.6	94.8	





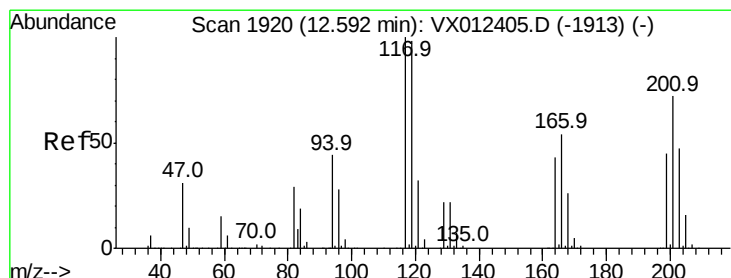
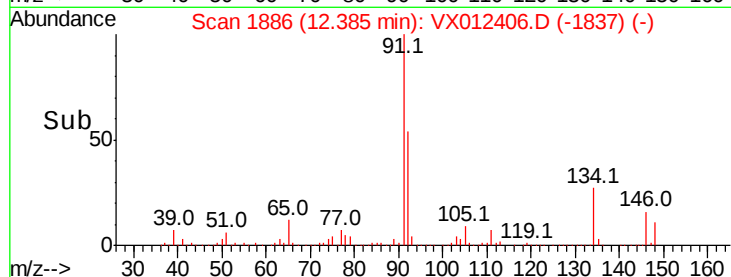
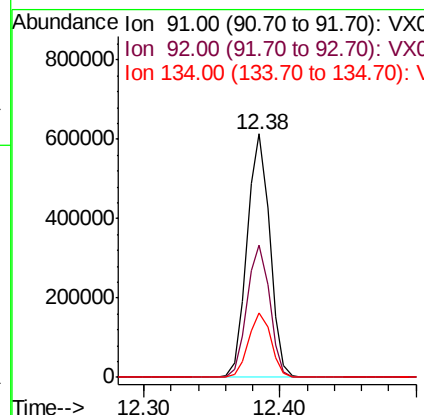
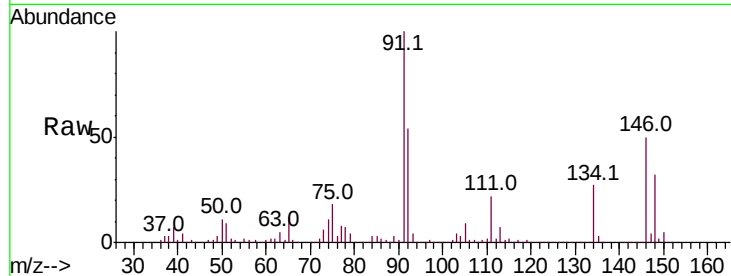
#89
n-Butylbenzene
Concen: 123.095 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.5	27.5	82.4	
134	26.6	13.2	39.6	

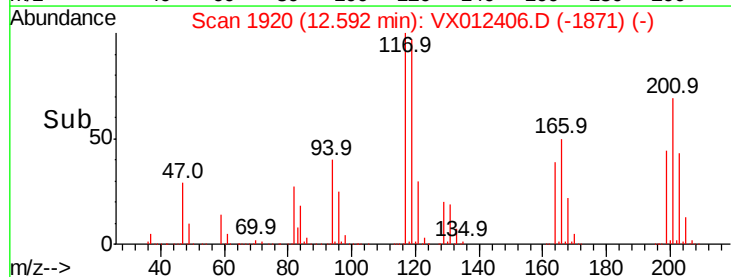
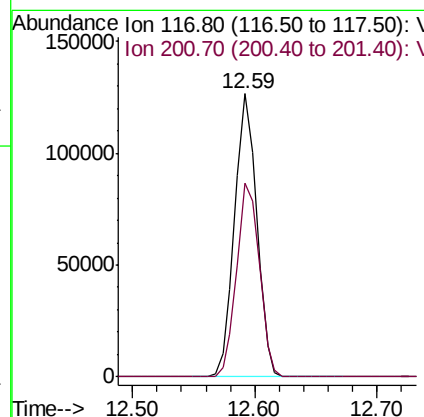
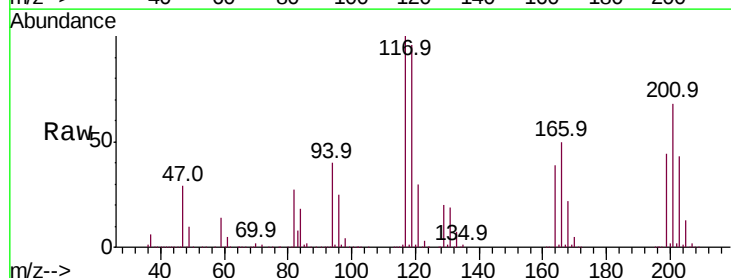
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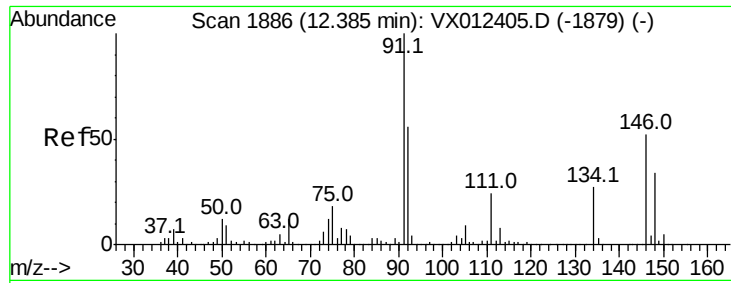
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#90
Hexachloroethane
Concen: 141.360 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012406.D
Acq: 16 Sep 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	69.9	35.2	105.6	





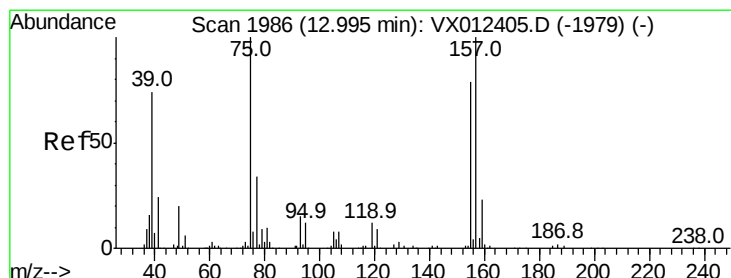
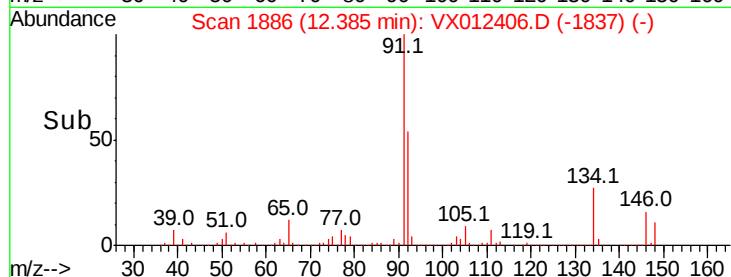
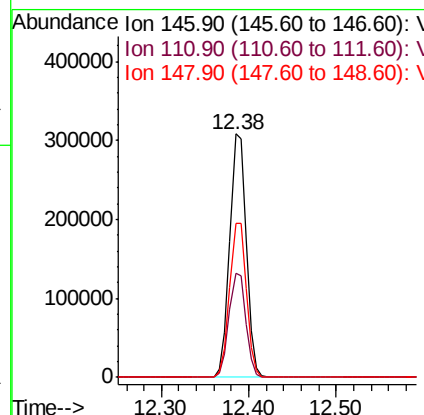
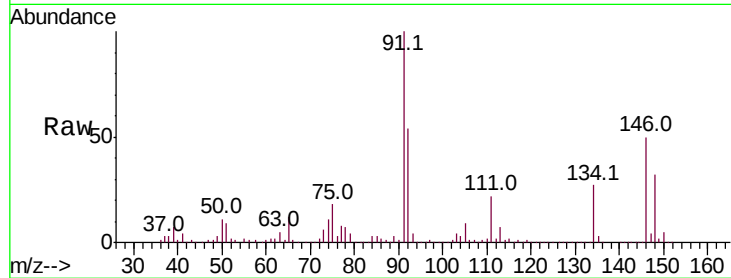
#91
 1,2-Dichlorobenzene
 Concen: 104.582 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012406.D
 Acq: 16 Sep 2019 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	22.3	66.9
148	64.3	32.0	96.0

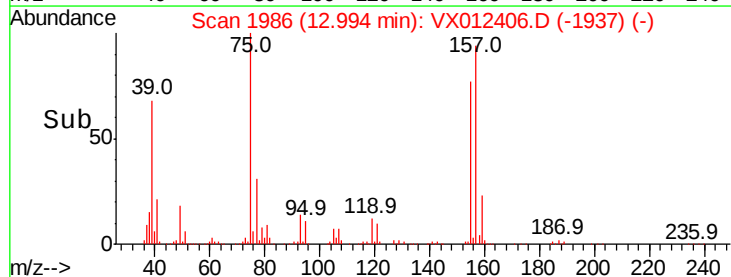
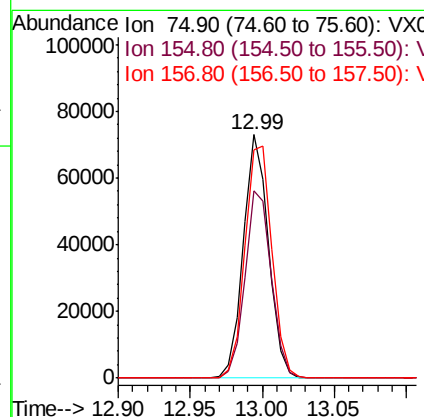
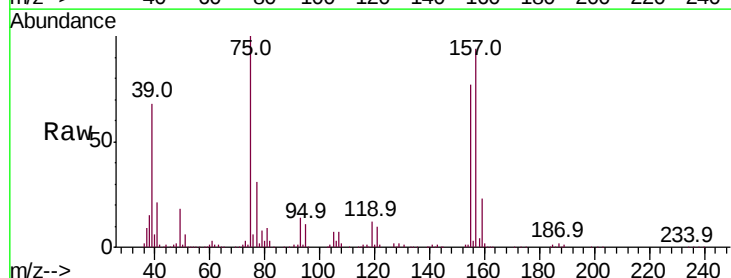
Manual Integrations
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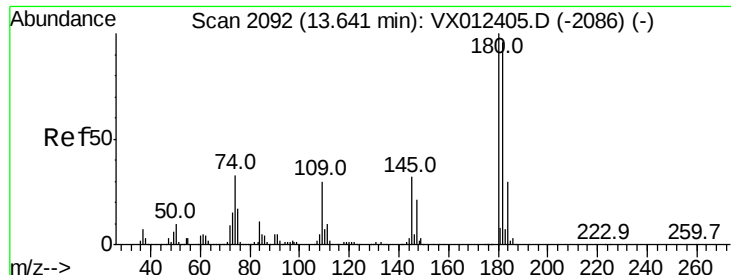
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 140.762 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012406.D
 Acq: 16 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.0	39.8	119.4
157	102.3	50.0	150.1





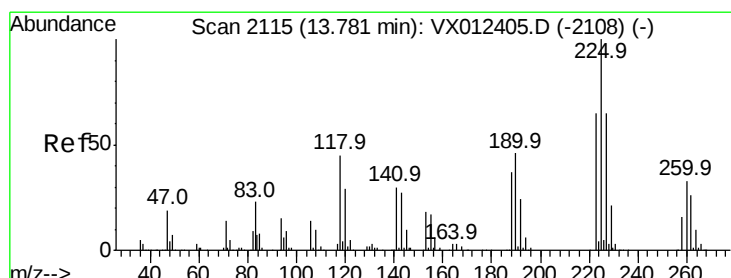
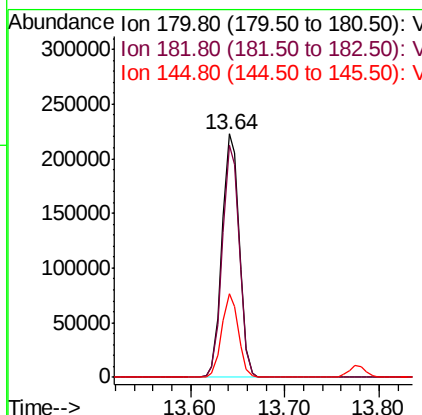
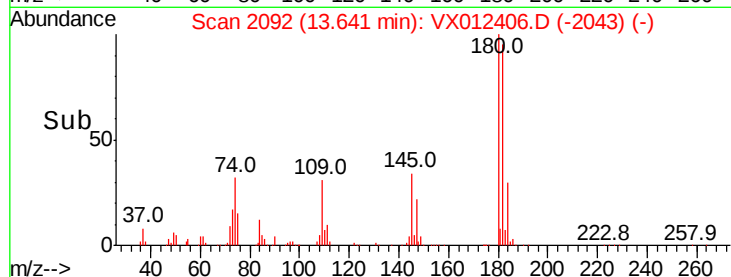
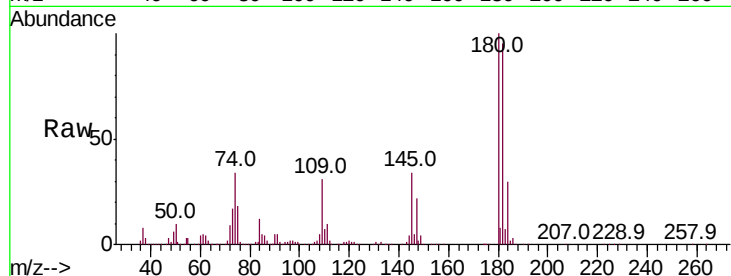
#93
 1,2,4-Trichlorobenzene
 Concen: 101.472 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012406.D
 Acq: 16 Sep 2019 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	282056		
182	94.2	48.1	144.4	
145	33.2	16.6	49.7	

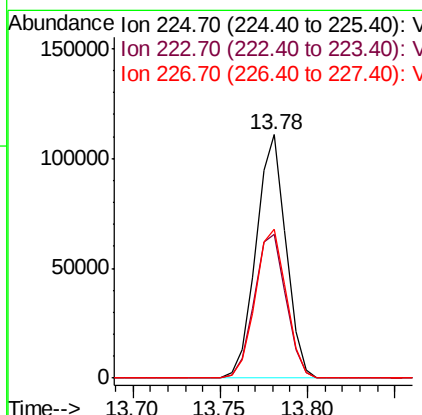
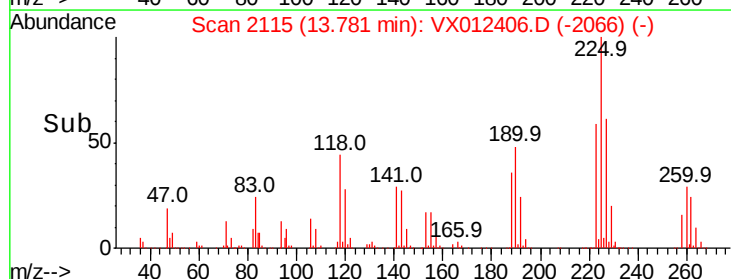
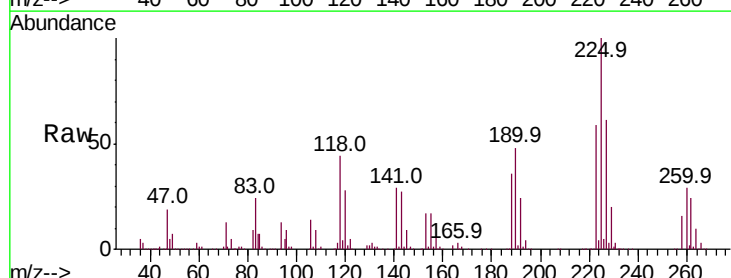
Manual Integrations
 APPROVED

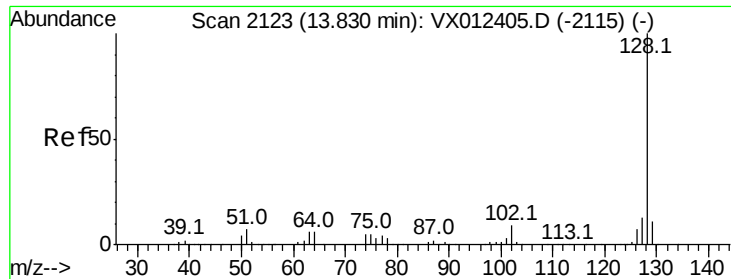
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#94
 Hexachlorobutadiene
 Concen: 87.147 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012406.D
 Acq: 16 Sep 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	131456		
223	62.6	32.0	96.0	
227	63.5	32.8	98.3	





#95

Naphthalene

Concen: 122.190 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Instrument :

MSVOA_X

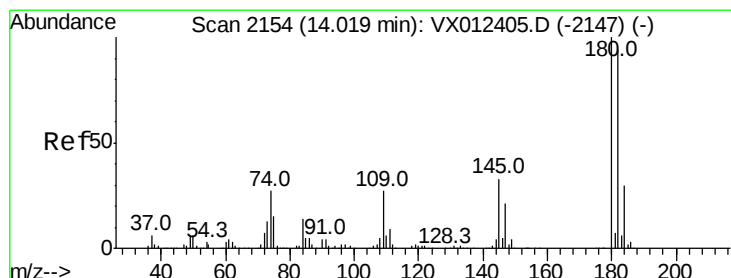
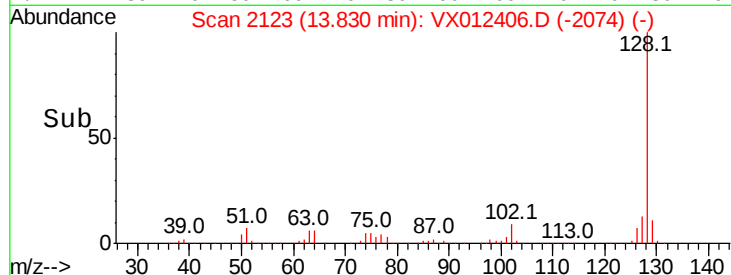
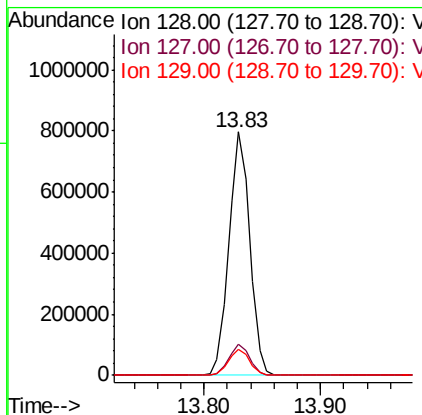
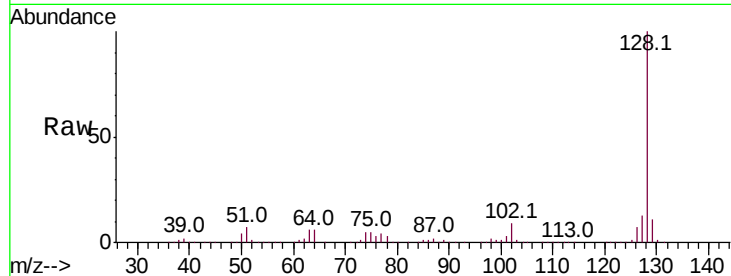
ClientSampleId :

VSTDIC100

Tot Ion:	128	Resp:	988127
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.9	8.6	13.0

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 98.879 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VX012406.D

Acq: 16 Sep 2019 13:57

Tgt Ion:	180	Resp:	277324
Ion Ratio	Lower	Upper	
180	100		
182	96.5	46.9	140.8
145	35.0	17.6	52.9

