

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
 Data File : VX007105.D
 Acq On : 17 Jan 2019 23:22
 Operator : JC/SP
 Sample : VX0117WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS02

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 10:22:53 AM

Quant Time: Jan 18 07:06:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	506385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	757257	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	681149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	334842	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	277642	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
35) Dibromofluoromethane	5.51	113	249979	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	8.71	98	908660	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.13	95	319300	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	83752	20.140	ug/l	99
3) Chloromethane	1.33	50	92625	19.134	ug/l	100
4) Vinyl Chloride	1.41	62	101947	19.577	ug/l	100
5) Bromomethane	1.64	94	106430	19.130	ug/l	99
6) Chloroethane	1.72	64	67786	18.643	ug/l	95
7) Trichlorofluoromethane	1.93	101	169300	20.121	ug/l	97
8) Diethyl Ether	2.19	74	67523	20.172	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	98558	19.565	ug/l	98
10) Methyl Iodide	2.51	142	135262	19.906	ug/l	98
11) Tert butyl alcohol	3.07	59	136400	109.261	ug/l	100
12) 1,1-Dichloroethene	2.37	96	90244	19.390	ug/l	96
13) Acrolein	2.30	56	72287	135.688	ug/l	100
14) Allyl chloride	2.73	41	158072	19.818	ug/l	99
15) Acrylonitrile	3.15	53	307279	107.221	ug/l	99
16) Acetone	2.45	43	262364	100.282	ug/l	99
17) Carbon Disulfide	2.57	76	199625	16.660	ug/l	100
18) Methyl Acetate	2.78	43	169827	22.415	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	333402	20.639	ug/l	97
20) Methylene Chloride	2.86	84	106248	21.023	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	98749	19.040	ug/l	98
22) Diisopropyl ether	3.87	45	306570	20.445	ug/l	94
23) Vinyl Acetate	3.82	43	1239233	97.996	ug/l	98
24) 1,1-Dichloroethane	3.70	63	167758	20.007	ug/l	99
25) 2-Butanone	4.70	43	392282	104.790	ug/l	97
26) 2,2-Dichloropropane	4.59	77	96900	15.029	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	110963	19.396	ug/l	98
28) Bromochloromethane	5.02	49	73725	20.069	ug/l	98
29) Tetrahydrofuran	5.15	42	254497	104.610	ug/l	98
30) Chloroform	5.21	83	177732	20.246	ug/l	98
31) Cyclohexane	5.57	56	144078	19.306	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	150614	20.241	ug/l	98
36) 1,1-Dichloropropene	5.80	75	127791	19.410	ug/l	98
37) Ethyl Acetate	4.85	43	147844	20.946	ug/l	97
38) Carbon Tetrachloride	5.79	117	126645	19.119	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	152807	18.206	ug/l	97
40) Benzene	6.15	78	395720	19.698	ug/l	98
41) Methacrylonitrile	5.06	41	80783	19.867	ug/l	100
42) 1,2-Dichloroethane	6.20	62	137966	19.874	ug/l	99
43) Isopropyl Acetate	6.46	43	223552	20.079	ug/l	98
44) Trichloroethene	7.21	130	117460	19.512	ug/l	98
45) 1,2-Dichloropropane	7.52	63	102680	20.331	ug/l	99
46) Dibromomethane	7.66	93	70318	19.811	ug/l	97
47) Bromodichloromethane	7.90	83	118893	19.679	ug/l	97
48) Methyl methacrylate	7.77	41	114783	20.076	ug/l	99
49) 1,4-Dioxane	7.75	88	56136	424.994	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	758613	106.024	ug/l	99
52) Toluene	8.79	92	253769	19.654	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	121868	18.191	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	139954	18.917	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	108384	20.972	ug/l	97
56) Ethyl methacrylate	9.18	69	152993	20.278	ug/l	96
57) 1,3-Dichloropropane	9.37	76	172887	20.419	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	396085	102.104	ug/l	99
59) 2-Hexanone	9.49	43	574091	105.287	ug/l	99
60) Dibromochloromethane	9.58	129	101093	20.144	ug/l	97
61) 1,2-Dibromoethane	9.67	107	115926	20.375	ug/l	99
64) Tetrachloroethene	9.34	164	119587	20.279	ug/l	96
65) Chlorobenzene	10.14	112	294205	19.804	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	101820	20.374	ug/l	99
67) Ethyl Benzene	10.25	91	479179	19.538	ug/l	99
68) m/p-Xylenes	10.36	106	369327	38.222	ug/l	99
69) o-Xylene	10.70	106	185341	19.668	ug/l	99
70) Styrene	10.71	104	296372	19.857	ug/l	100
71) Bromoform	10.86	173	72874	19.485	ug/l #	98
73) Isopropylbenzene	11.02	105	491031	20.797	ug/l	99
74) N-amyl acetate	10.90	43	199058	20.940	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	158621	21.162	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	144851m	21.347	ug/l	
77) Bromobenzene	11.26	156	133185	20.472	ug/l	98
78) n-propylbenzene	11.36	91	533364	20.577	ug/l	99
79) 2-Chlorotoluene	11.42	91	318667	20.424	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	400739	20.312	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	33265	17.458	ug/l	89
82) 4-Chlorotoluene	11.51	91	369887	20.475	ug/l	99
83) tert-Butylbenzene	11.77	119	398463	20.243	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	408878	20.610	ug/l	98
85) sec-Butylbenzene	11.94	105	483501	20.567	ug/l	99
86) p-Isopropyltoluene	12.06	119	426895	20.302	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	233830	19.885	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	235168	21.191	ug/l	99
89) n-Butylbenzene	12.38	91	354523	19.778	ug/l	99
90) Hexachloroethane	12.60	117	61978	20.297	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	233230	20.098	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29761	20.075	ug/l	99

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ClientSampleId :
VX0117WBS02

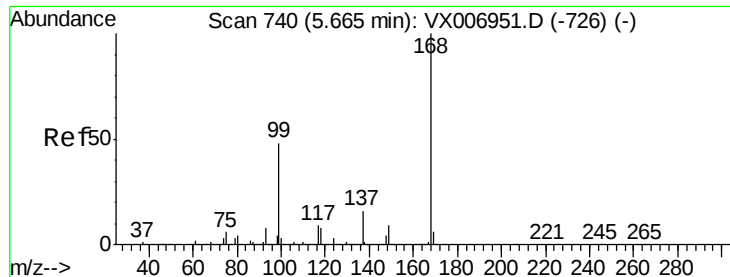
Manual Integrations
APPROVED

MMDadoda
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	156316	19.634	ug/l	100
94) Hexachlorobutadiene	13.78	225	73344	20.760	ug/l	99
95) Naphthalene	13.83	128	488397	20.245	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	158731	20.070	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS02

Tot Ion:168 Resp: 506385

Ion Ratio Lower Upper

168 100

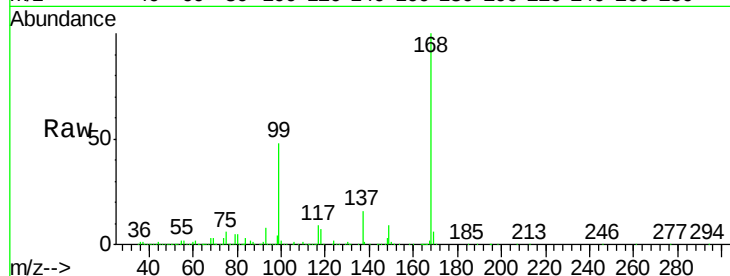
99 48.4 41.8 62.8

Manual Integrations

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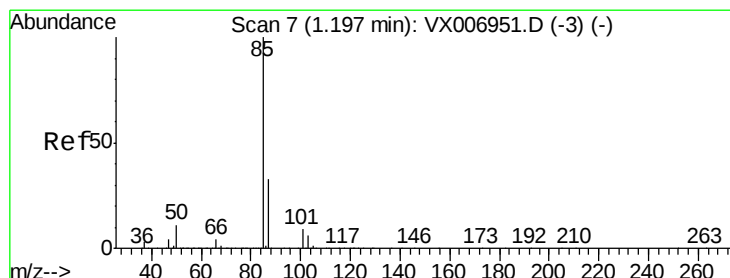
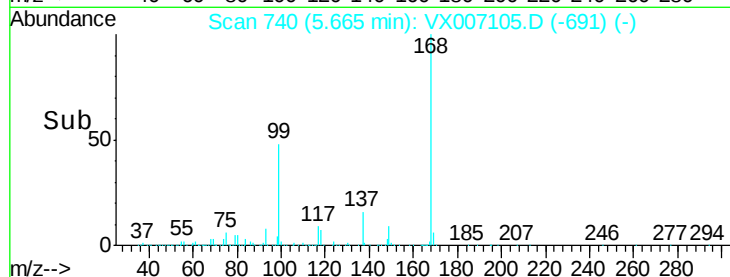
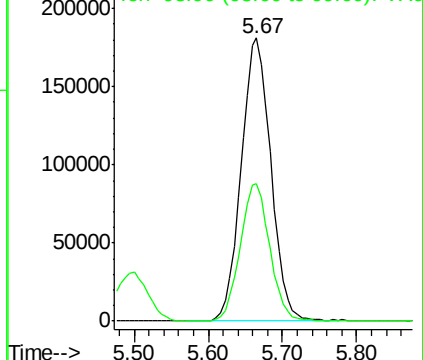
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.140 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007105.D

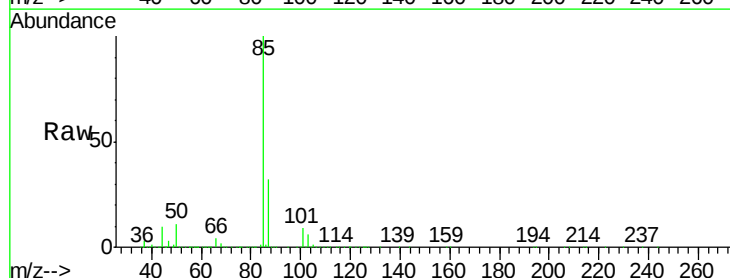
Acq: 17 Jan 2019 23:22

Tgt Ion: 85 Resp: 83752

Ion Ratio Lower Upper

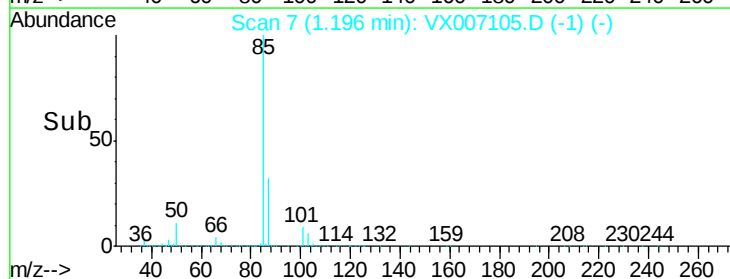
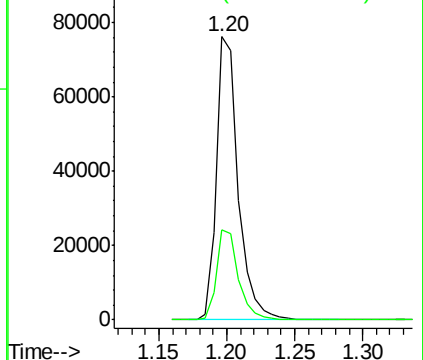
85 100

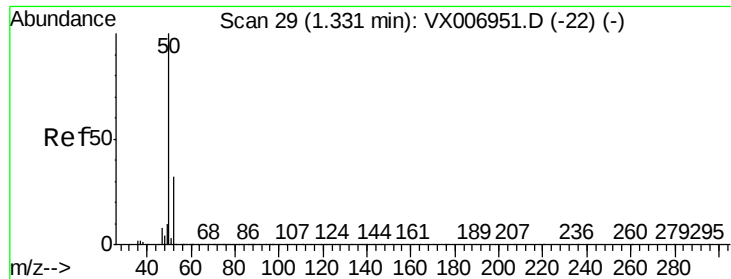
87 32.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.134 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS02

Tot Ion: 50 Resp: 92625

Ion Ratio Lower Upper

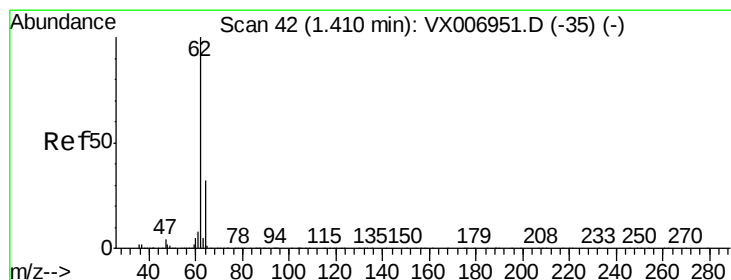
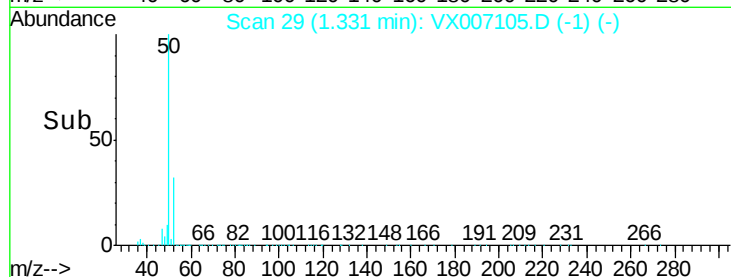
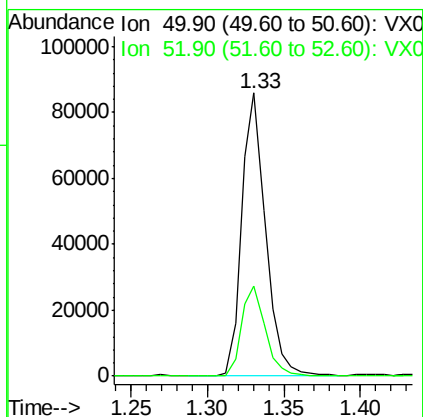
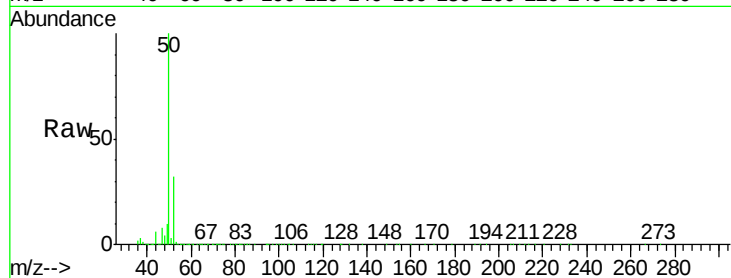
50 100

52 31.6 25.4 38.2

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#4

Vinyl Chloride

Concen: 19.577 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007105.D

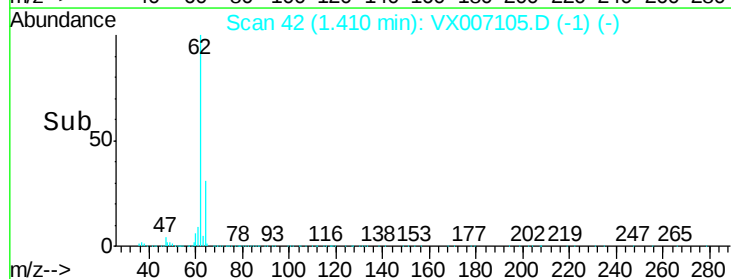
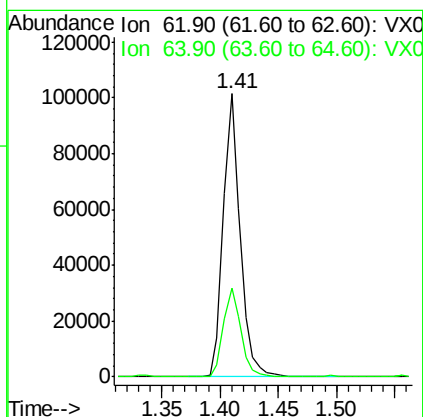
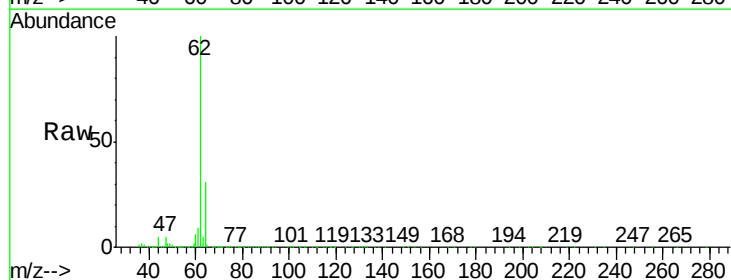
Acq: 17 Jan 2019 23:22

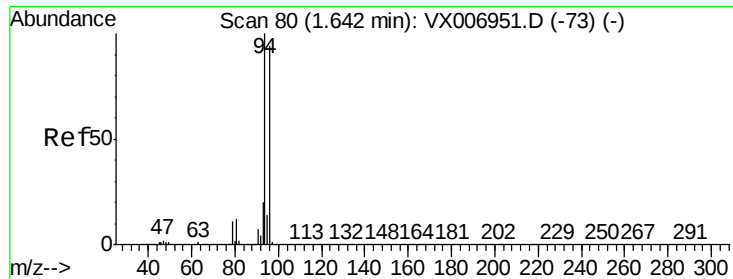
Tgt Ion: 62 Resp: 101947

Ion Ratio Lower Upper

62 100

64 31.3 25.1 37.7





#5

Bromomethane

Concen: 19.130 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Instrument :

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ClientSampleId :

VX0117WBS02

Tot Ion: 94 Resp: 106430

Ion Ratio Lower Upper

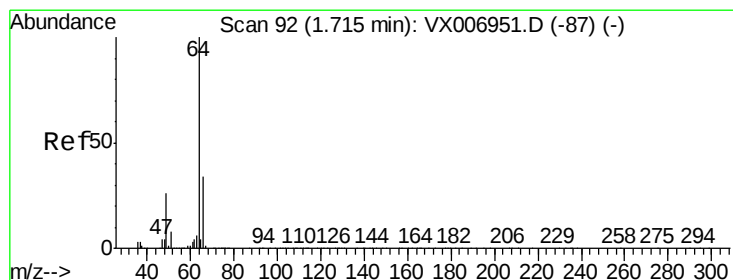
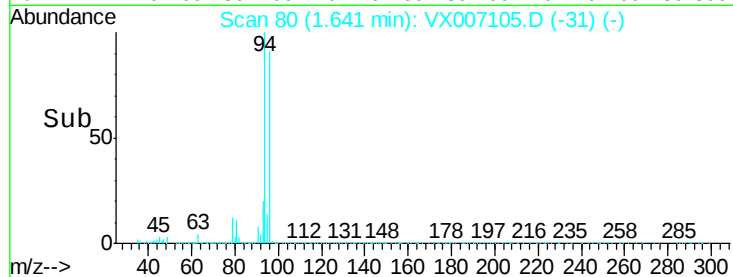
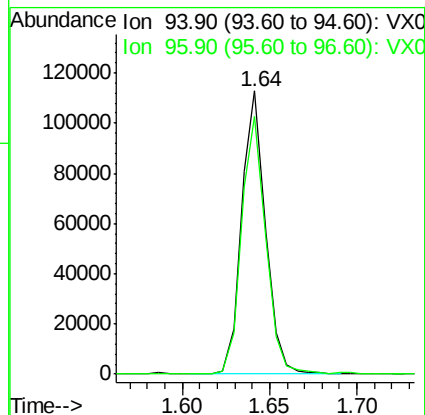
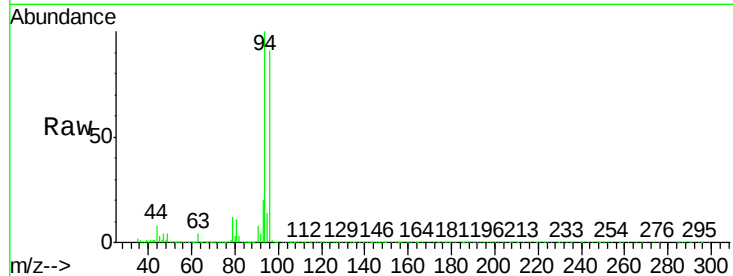
94 100

96 91.2 73.4 110.2

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#6

Chloroethane

Concen: 18.643 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007105.D

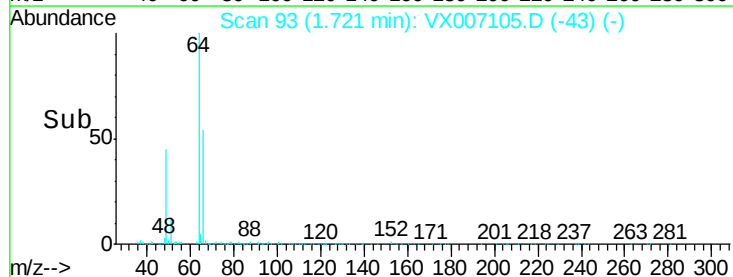
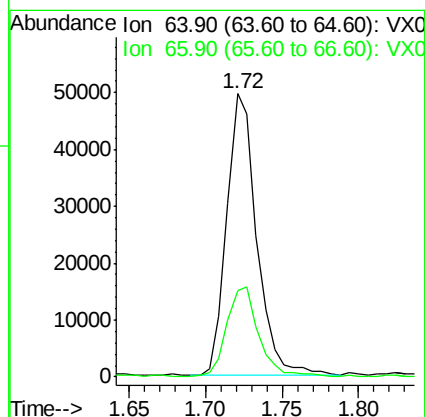
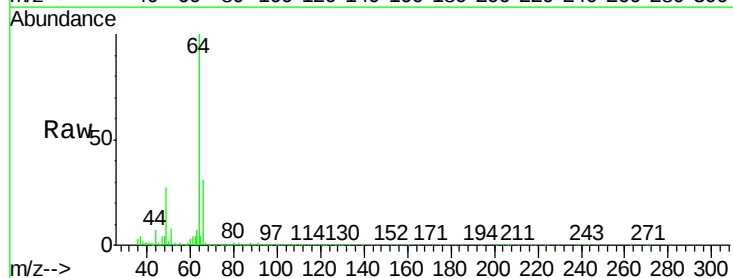
Acq: 17 Jan 2019 23:22

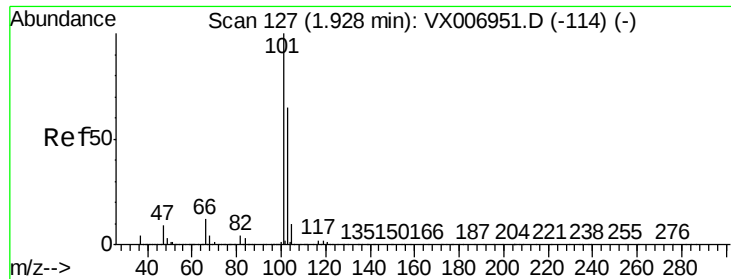
Tgt Ion: 64 Resp: 67786

Ion Ratio Lower Upper

64 100

66 30.4 26.4 39.6





#7

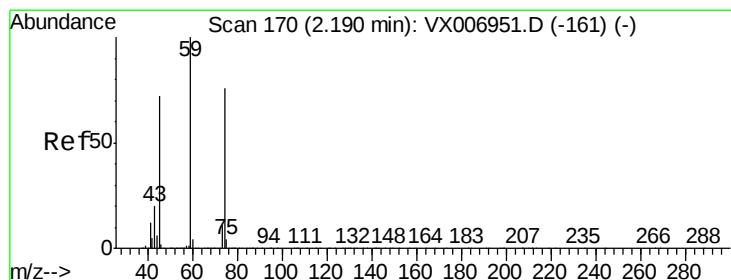
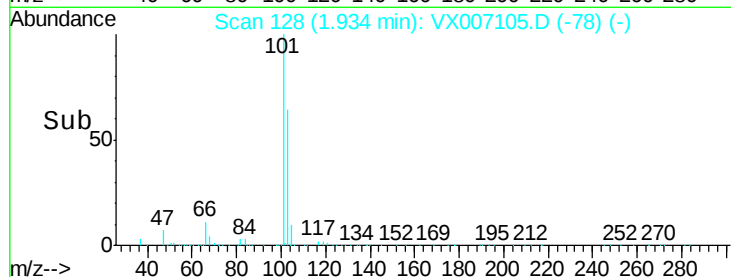
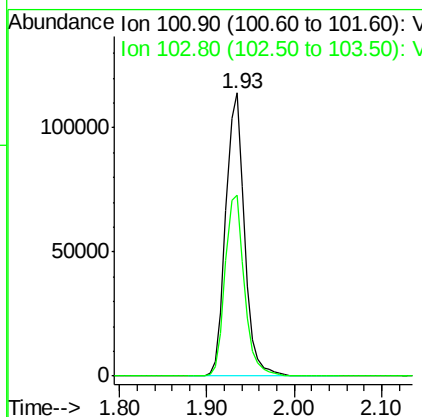
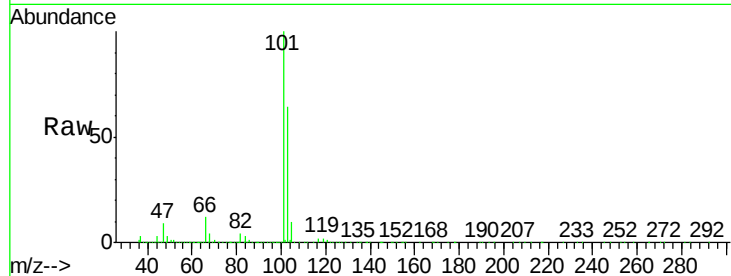
Trichlorofluoromethane
Concen: 20.121 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Instrument :
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ClientSampleId :
VX0117WBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	169300		
103	64.1	53.2	79.8	

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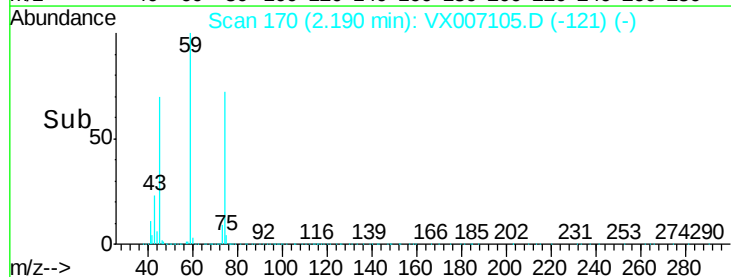
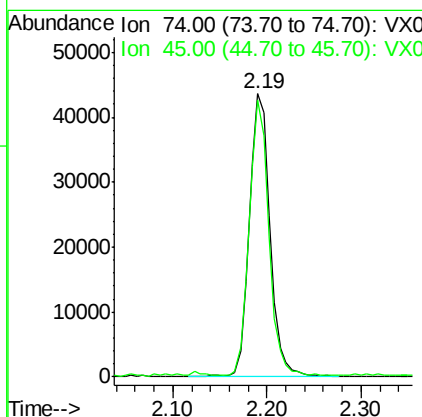
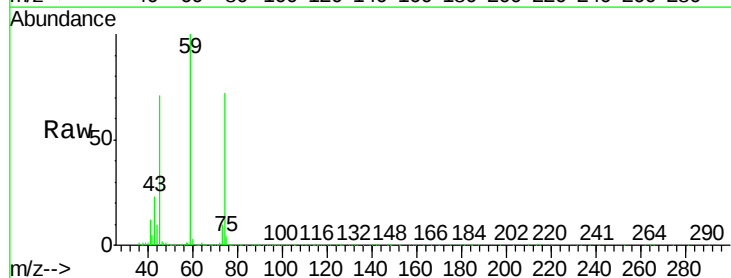
MMDadoda
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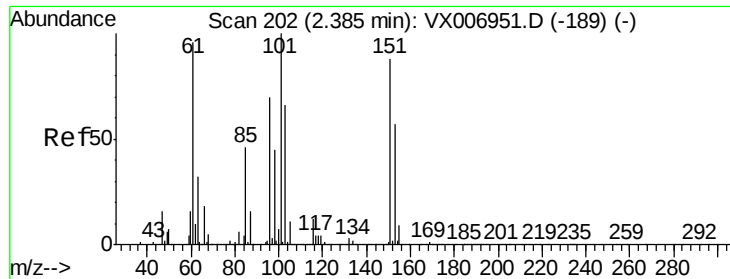


#8

Diethyl Ether
Concen: 20.172 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	67523		
45	92.2	46.3	138.9	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.565 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Instrument :

MSVOA_X

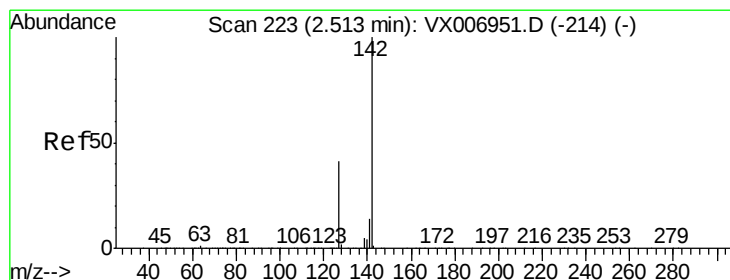
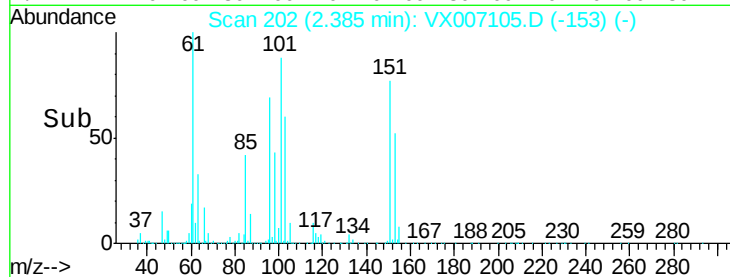
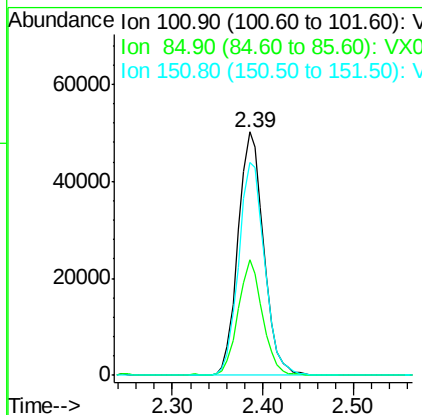
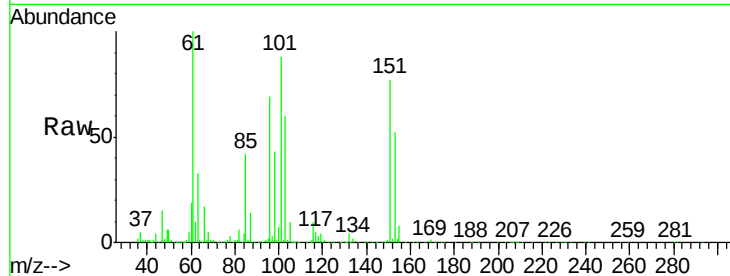
ClientSampleId :

VX0117WBS02

Tot Ion:	101	Resp:	98558
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.1	52.7
151	88.5	68.9	103.3

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#10

Methyl Iodide

Concen: 19.906 ug/l

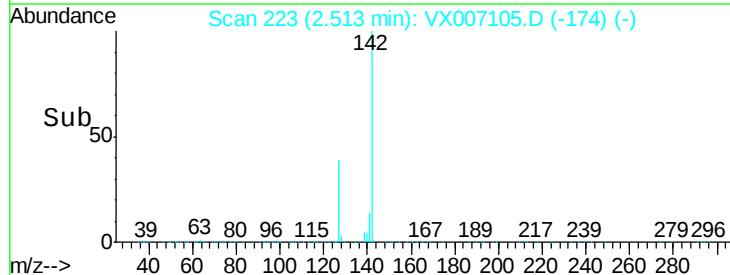
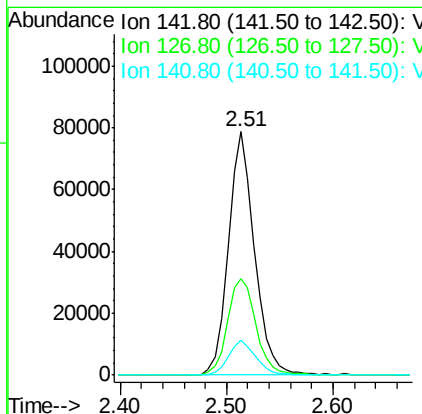
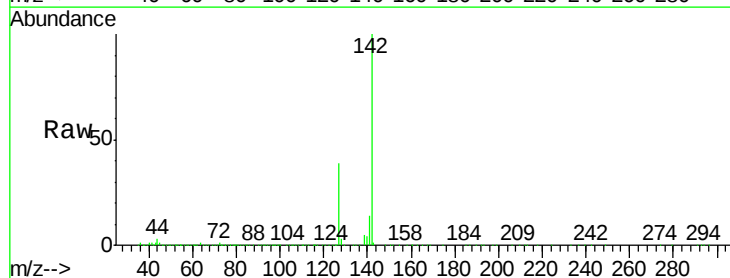
RT: 2.51 min Scan# 223

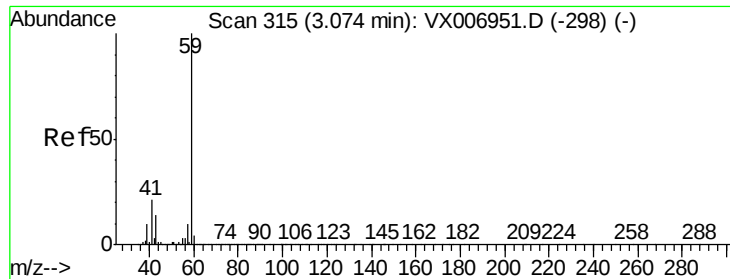
Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Tgt Ion:	142	Resp:	135262
Ion Ratio	Lower	Upper	
142	100		
127	43.4	33.9	50.9
141	15.3	11.4	17.0





#11

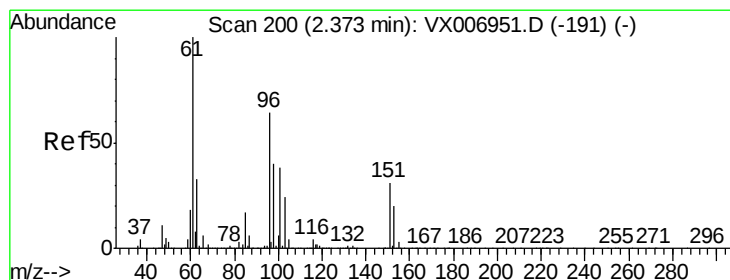
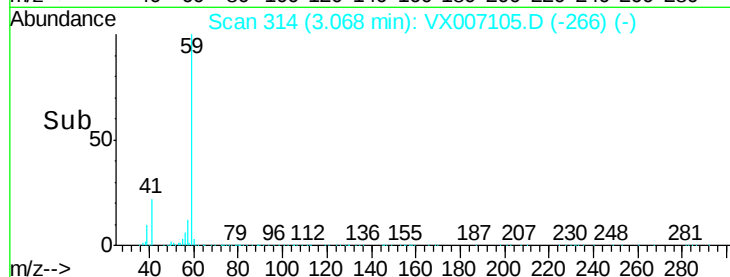
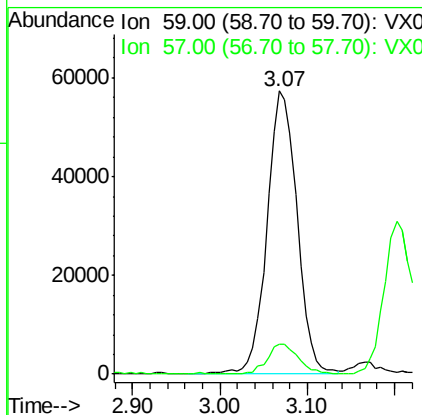
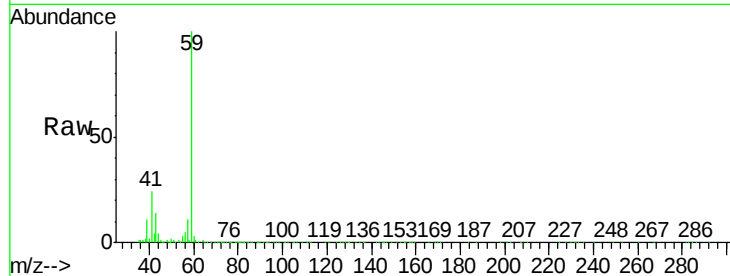
Tert butyl alcohol
Concen: 109.261 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.5	12.7

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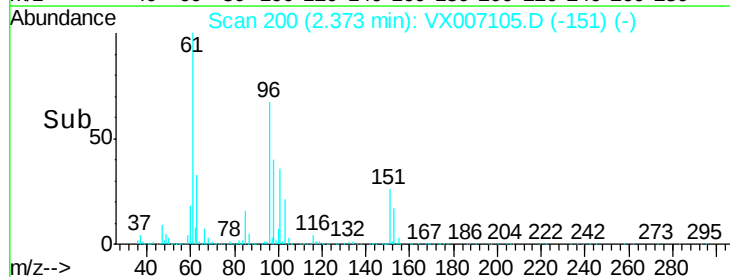
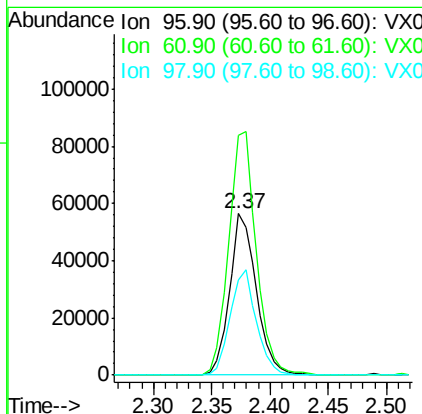
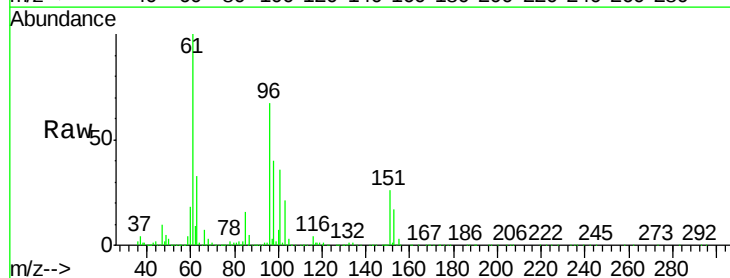
MMDadoda
1/18/2019 10:22:53 AM

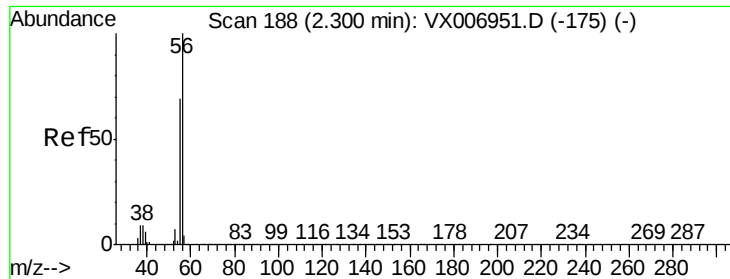


#12

1,1-Dichloroethene
Concen: 19.390 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.5	121.4	182.2
98	58.7	51.9	77.9





#13

Acrolein

Concen: 135.688 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS02

Tot Ion: 56 Resp: 72287

Ion Ratio Lower Upper

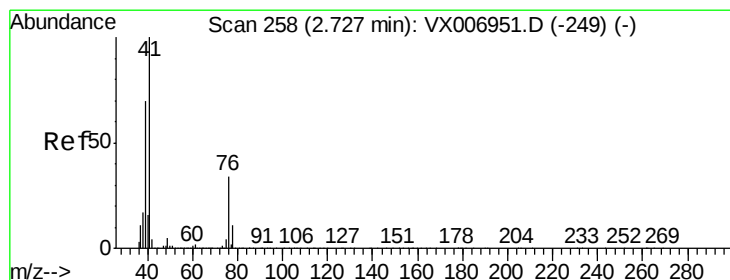
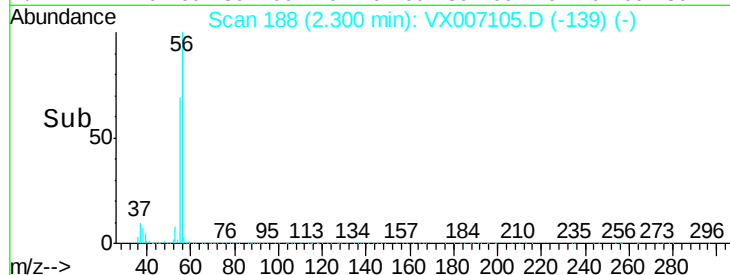
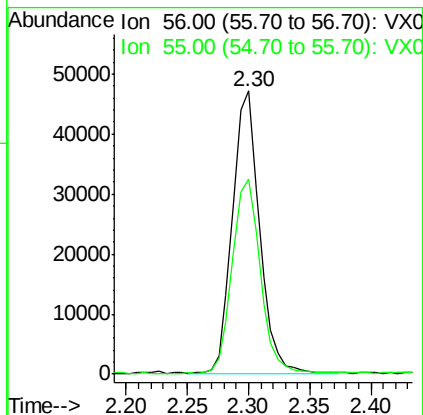
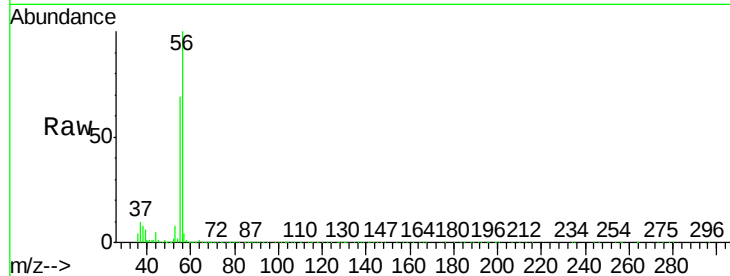
56 100

55 72.9 58.2 87.4

Manual Integrations
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#14

Allyl chloride

Concen: 19.818 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

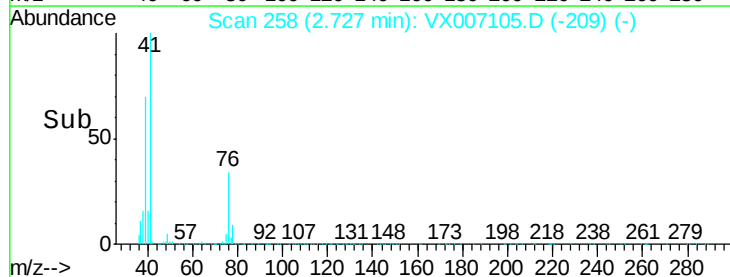
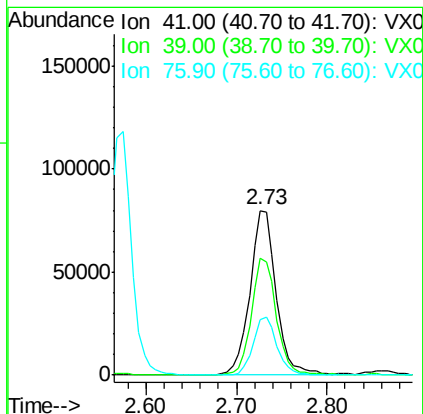
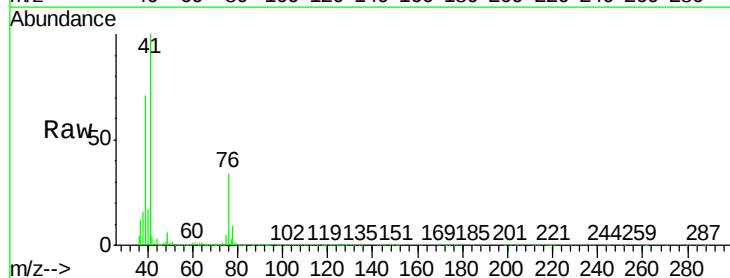
Tgt Ion: 41 Resp: 158072

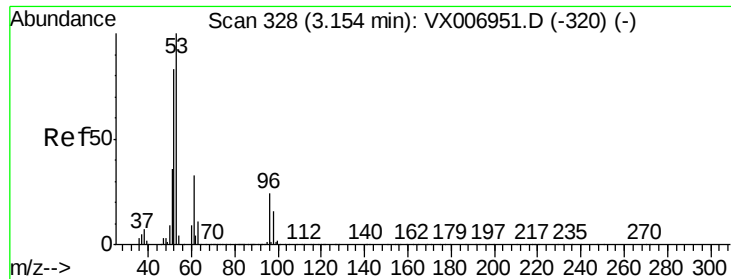
Ion Ratio Lower Upper

41 100

39 67.0 53.6 80.4

76 32.2 27.4 41.2





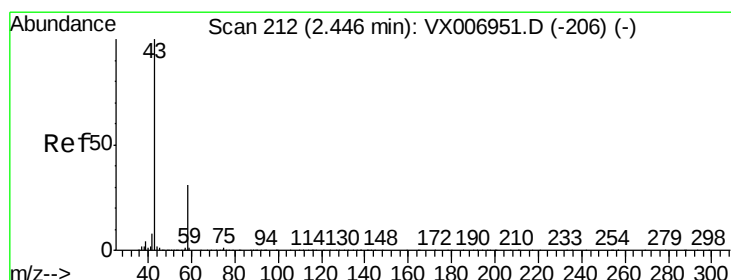
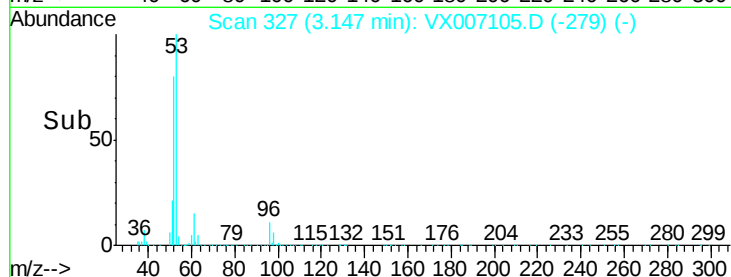
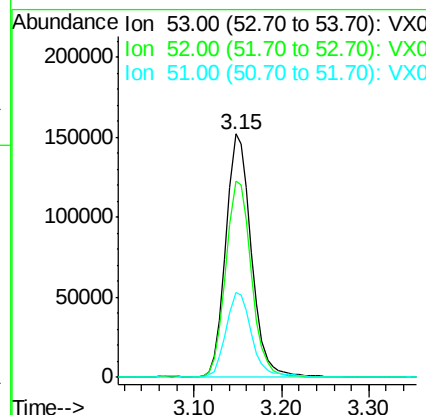
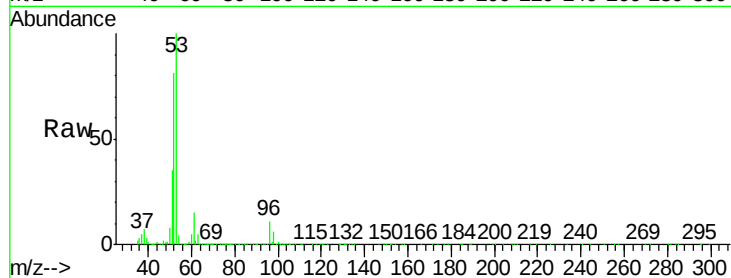
#15
 Acrylonitrile
 Concen: 107.221 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX007105.D
 Acq: 17 Jan 2019 23:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS02

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.0	99.0
51	35.1	28.6	42.8

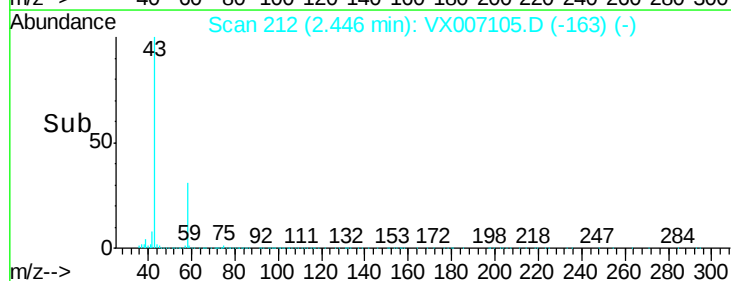
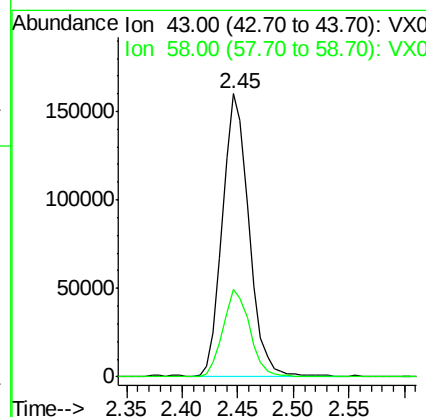
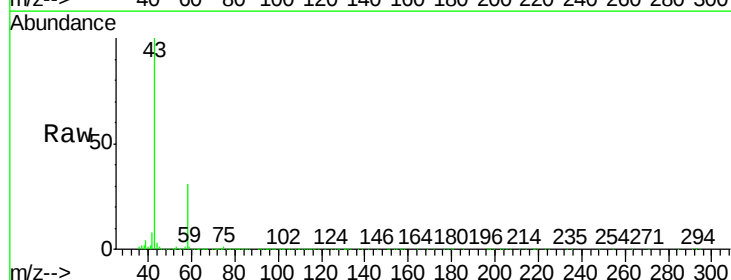
Manual Integrations
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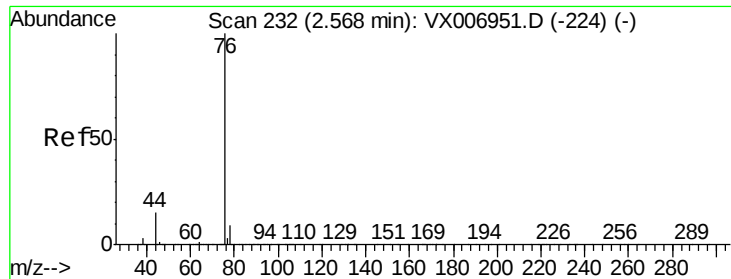
MMDadoda
 1/18/2019 10:22:53 AM



#16
 Acetone
 Concen: 100.282 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX007105.D
 Acq: 17 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.9	25.0	37.6





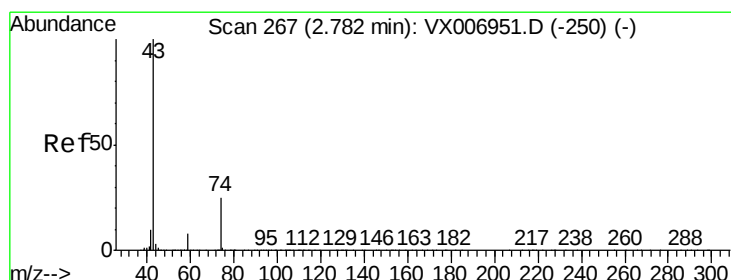
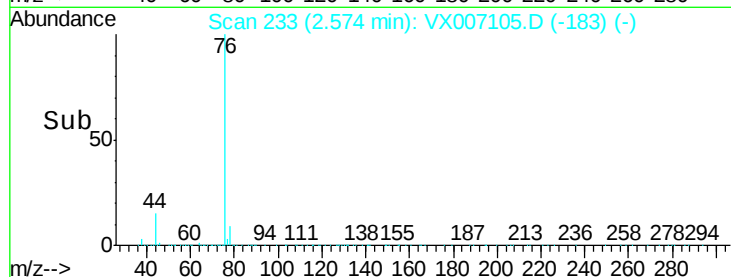
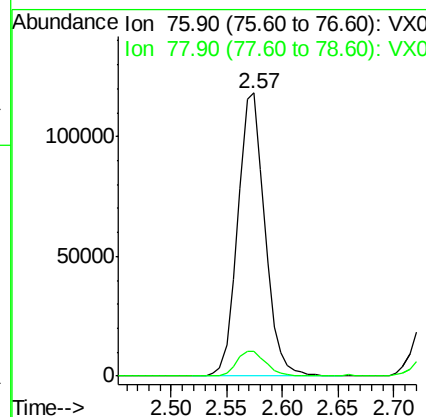
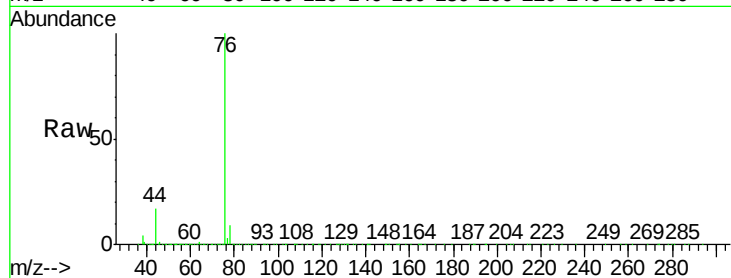
#17
Carbon Disulfide
Concen: 16.660 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

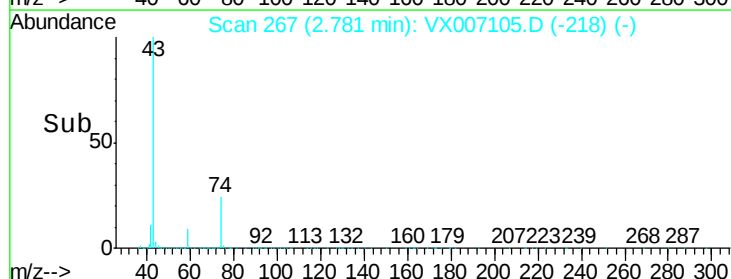
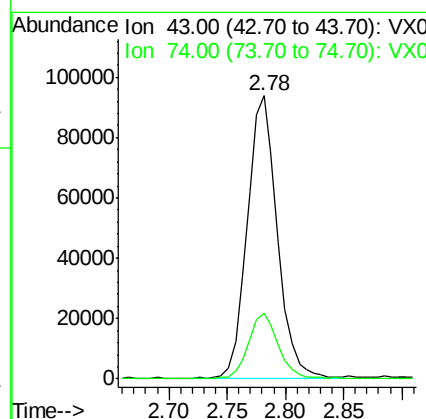
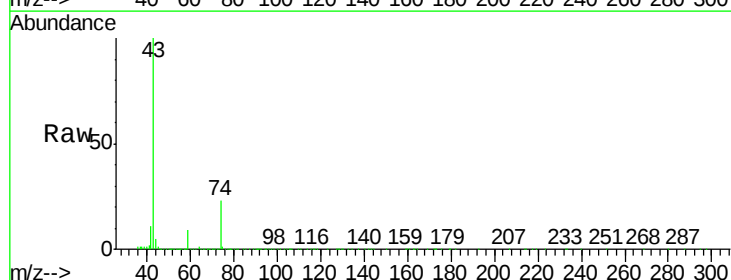
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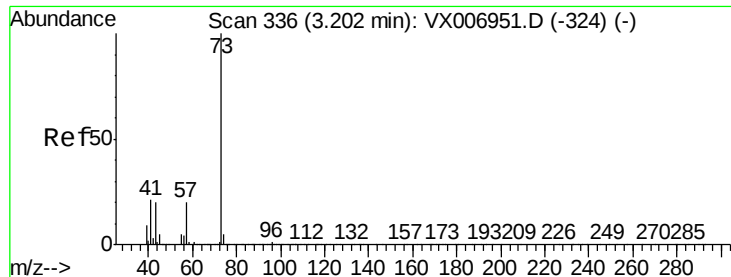
MMDadoda
1/18/2019 10:22:53 AM



#18
Methyl Acetate
Concen: 22.415 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.6	28.0





#19

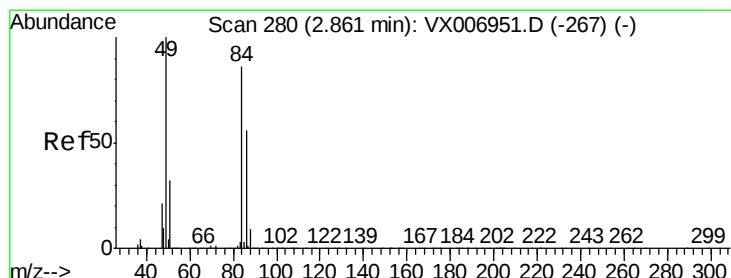
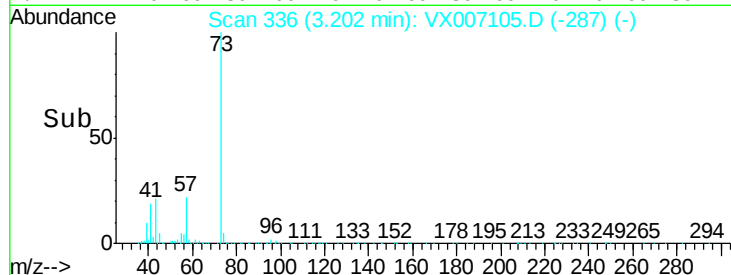
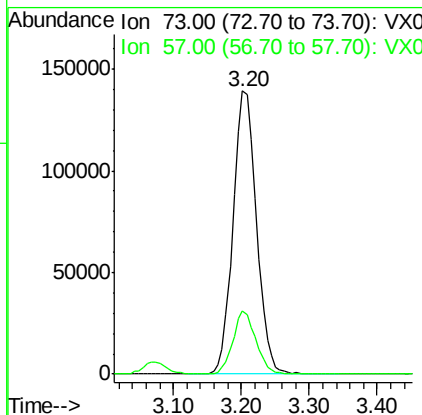
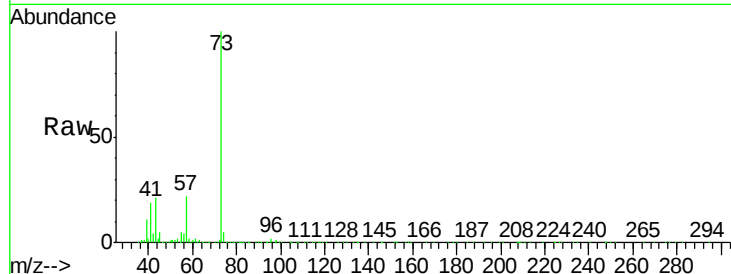
Methyl tert-butyl Ether
 Concen: 20.639 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX007105.D
 Acq: 17 Jan 2019 23:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	16.8	25.2

Manual Integrations
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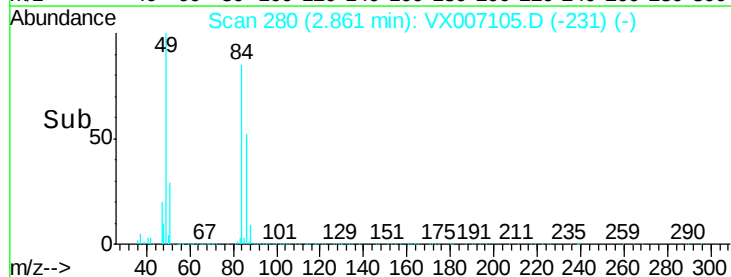
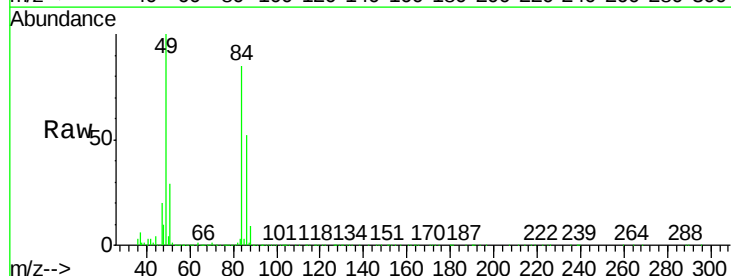
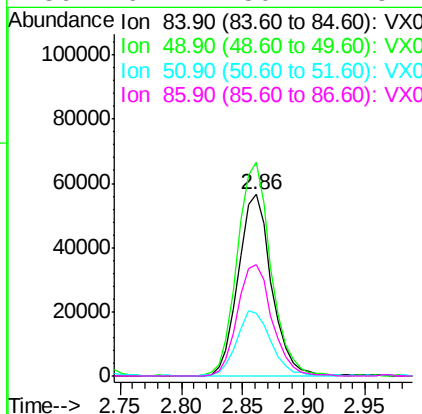
MMDadoda
 1/18/2019 10:22:53 AM

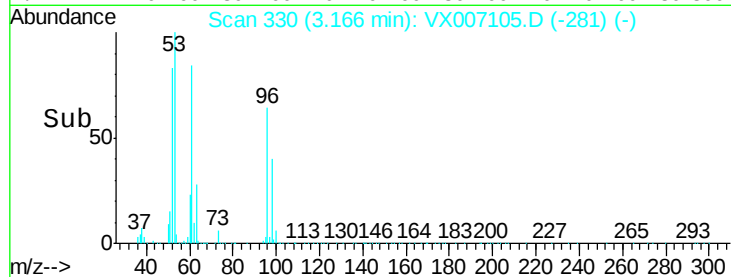
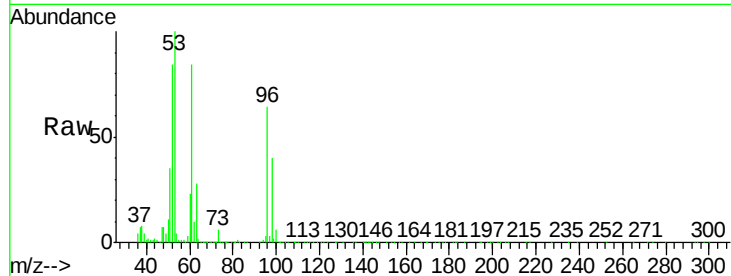
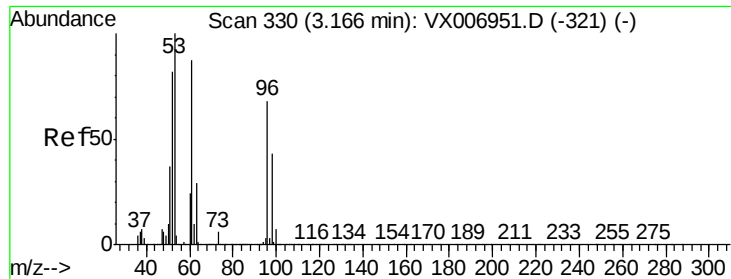


#20

Methylene Chloride
 Concen: 21.023 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007105.D
 Acq: 17 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.7	91.8	137.6
51	34.6	28.5	42.7
86	61.4	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 19.040 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007105.D

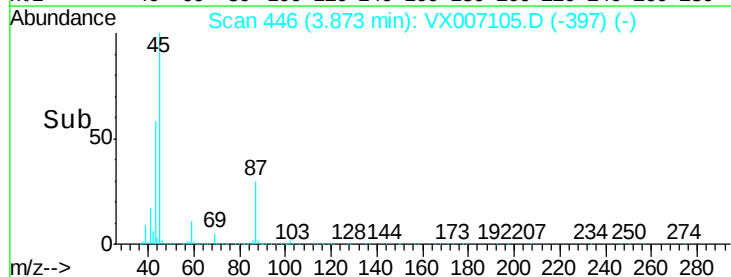
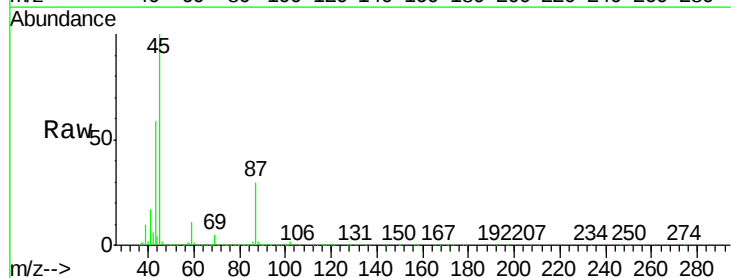
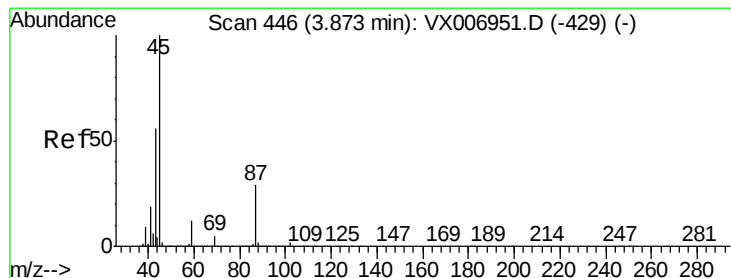
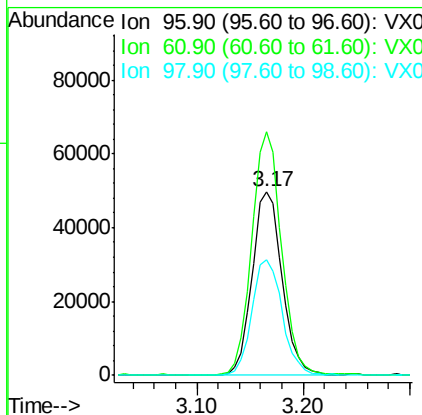
Acq: 17 Jan 2019 23:22

Tot Ion:	96	Resp:	98749
Ion	Ratio	Lower	Upper
96	100		
61	132.1	103.7	155.5
98	62.7	51.0	76.6

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS02

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.445 ug/l

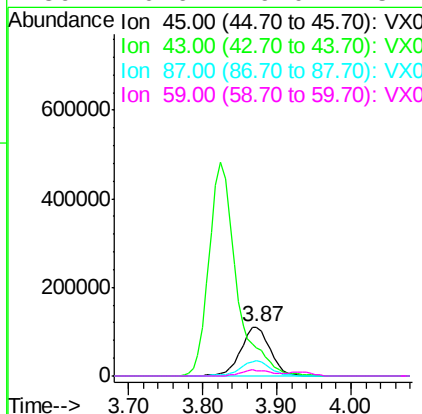
RT: 3.87 min Scan# 446

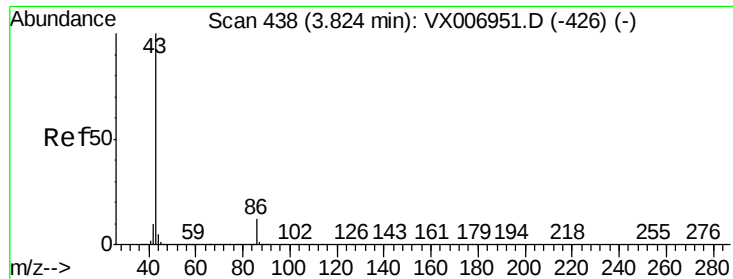
Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Tgt Ion:	45	Resp:	306570
Ion	Ratio	Lower	Upper
45	100		
43	58.3	51.2	76.8
87	30.3	25.8	38.6
59	10.6	9.0	13.4





#23

Vinyl Acetate

Concen: 97.996 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Instrument :

MSVOA_X

ClientSampleID :

VX0117WBS02

Tot Ion: 43 Resp: 1239233

Ion Ratio Lower Upper

43 100

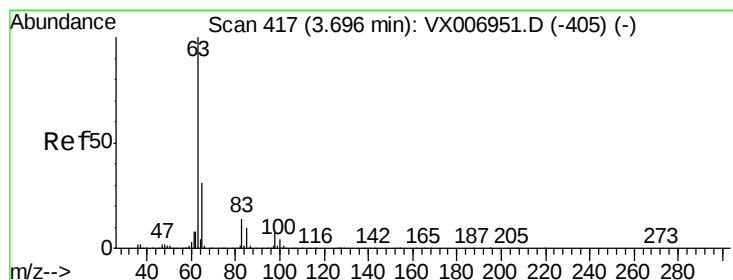
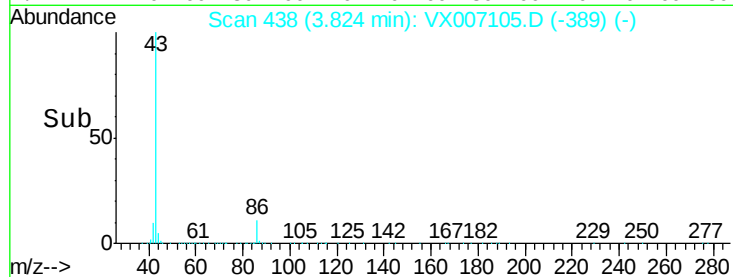
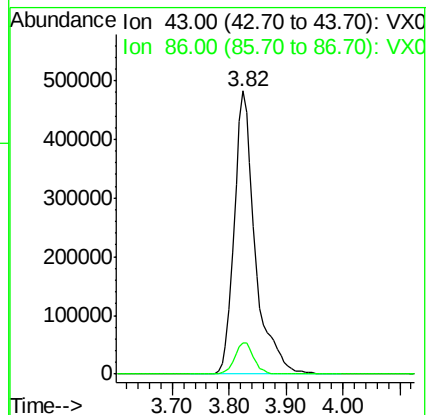
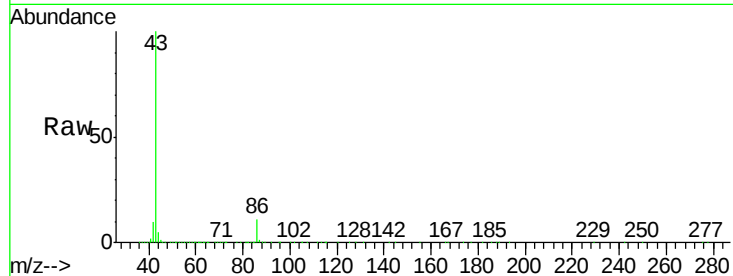
86 10.9 9.2 13.8

Manual Integrations

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MMDadoda

1/18/2019 10:22:53 AM



#24

1,1-Dichloroethane

Concen: 20.007 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

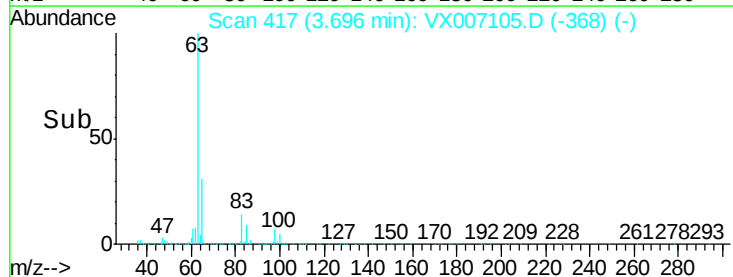
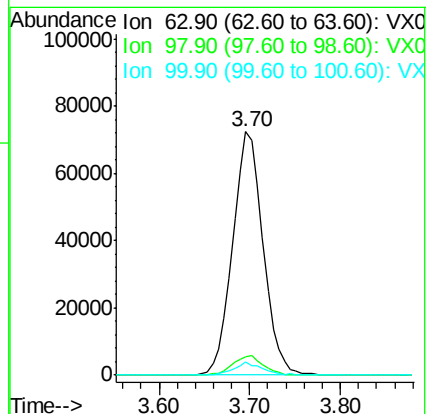
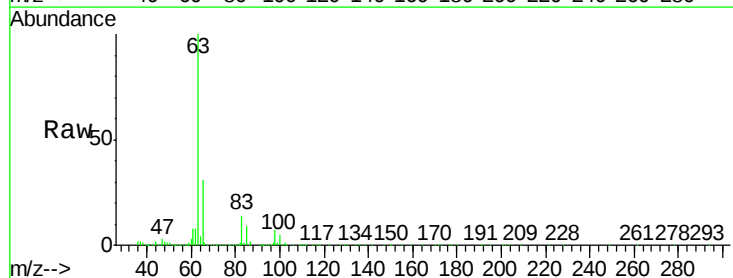
Tgt Ion: 63 Resp: 167758

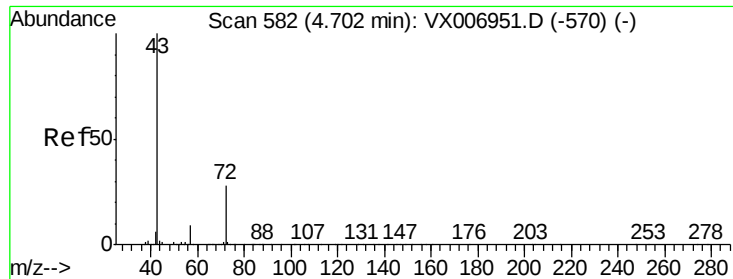
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 5.3 2.4 7.2





#25

2-Butanone

Concen: 104.790 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS02

Tot Ion: 43 Resp: 392282

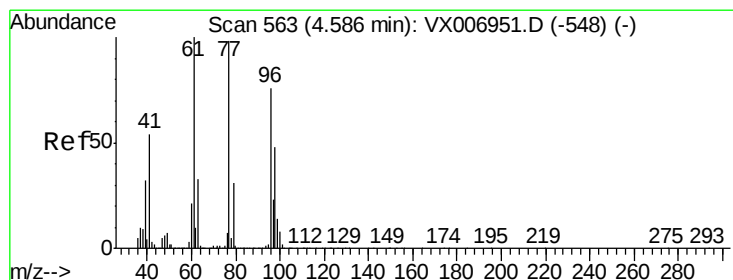
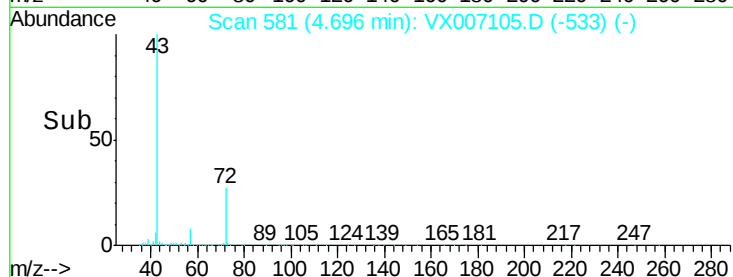
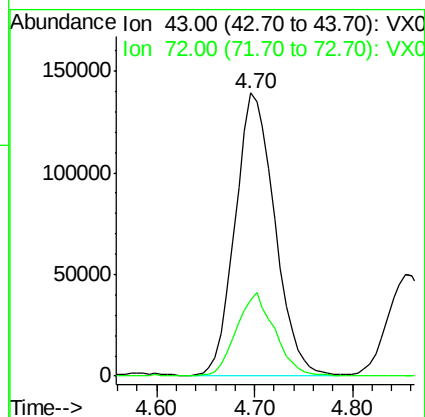
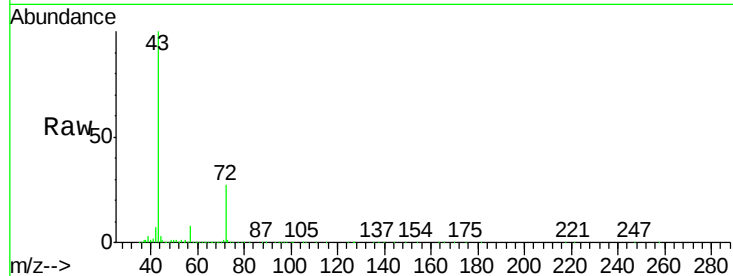
Ion Ratio Lower Upper

43 100

72 26.6 22.4 33.6

Manual Integrations
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MMDadoda
1/18/2019 10:22:53 AM



#26

2,2-Dichloropropane

Concen: 15.029 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007105.D

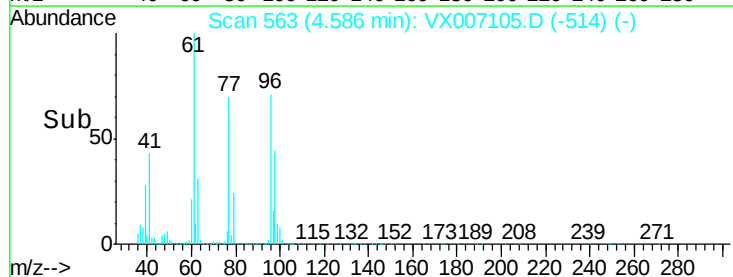
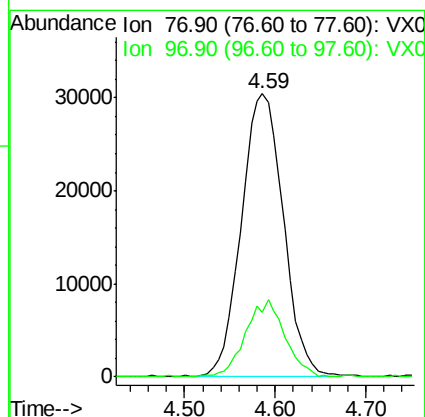
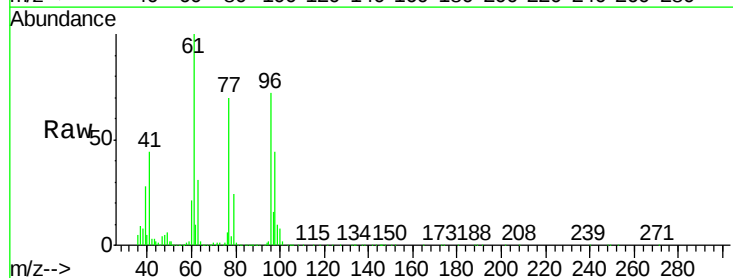
Acq: 17 Jan 2019 23:22

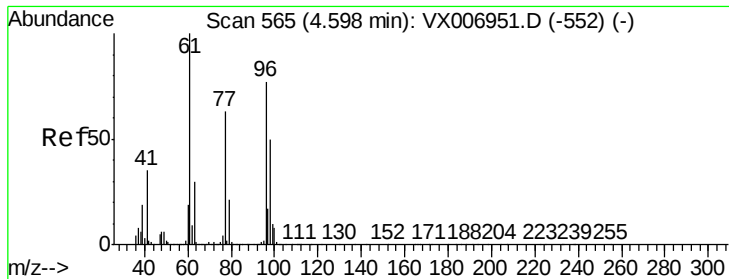
Tgt Ion: 77 Resp: 96900

Ion Ratio Lower Upper

77 100

97 25.9 12.4 37.4





#27

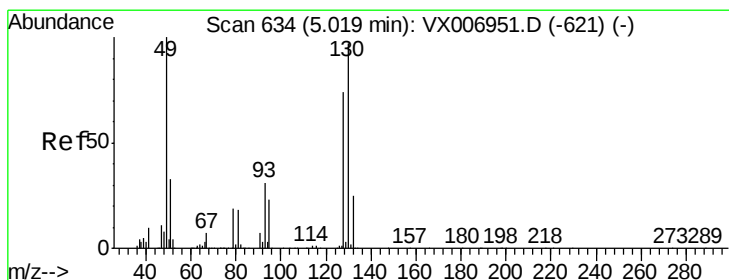
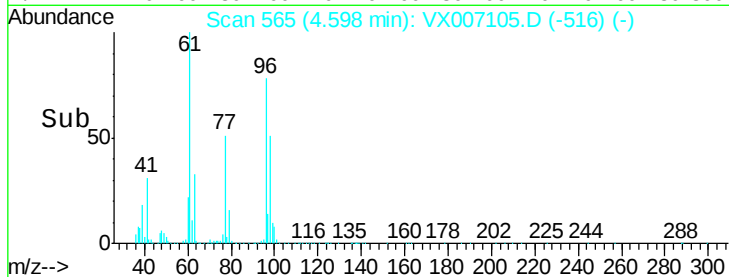
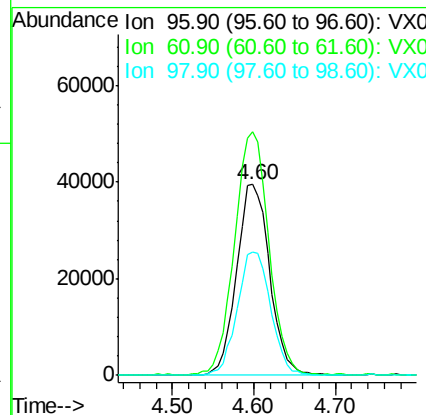
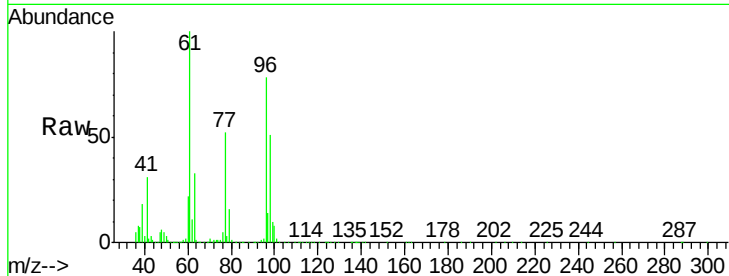
cis-1,2-Dichloroethene
Concen: 19.396 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.9	0.0	258.6
98	65.3	0.0	132.0

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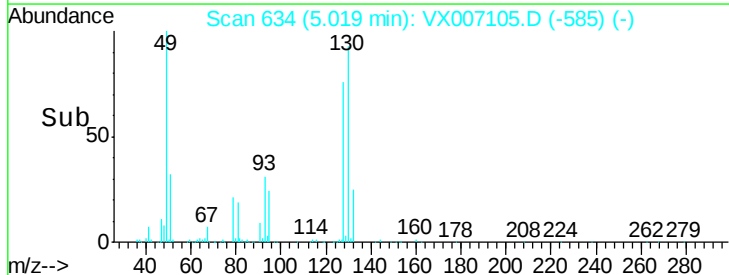
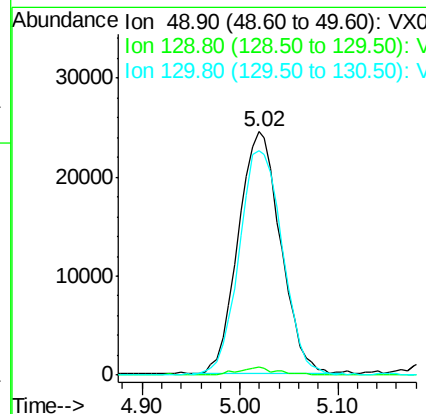
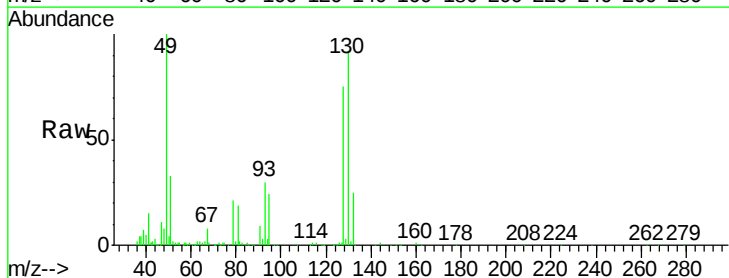
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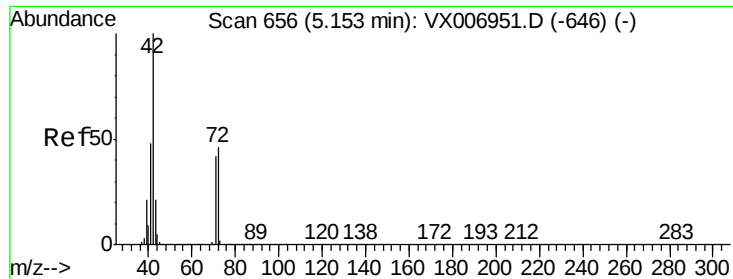


#28

Bromochloromethane
Concen: 20.069 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.4
130	95.0	77.7	116.5





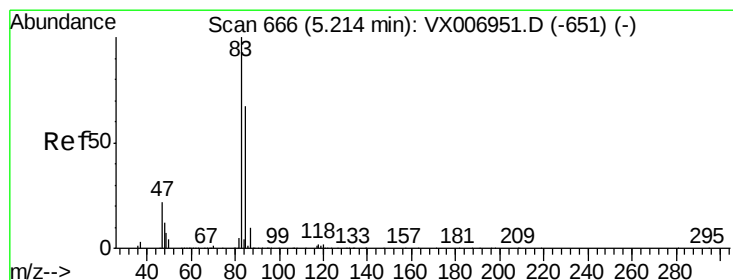
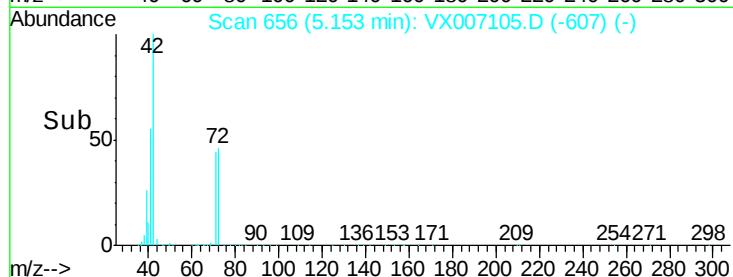
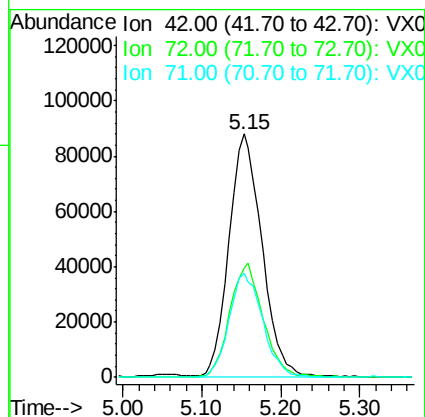
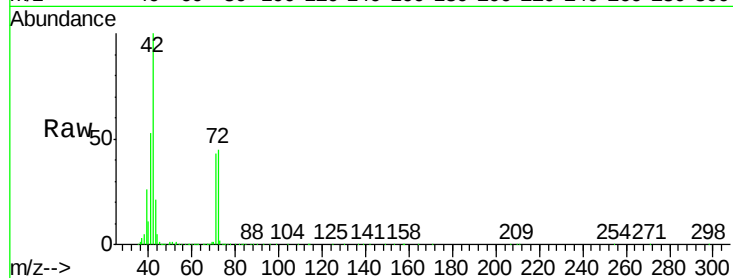
#29
Tetrahydrofuran
Concen: 104.610 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	38.9	58.3
71	43.8	36.2	54.4

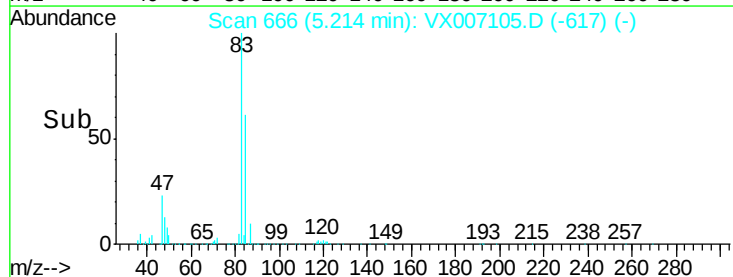
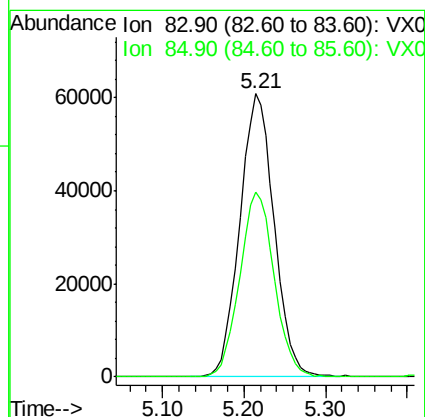
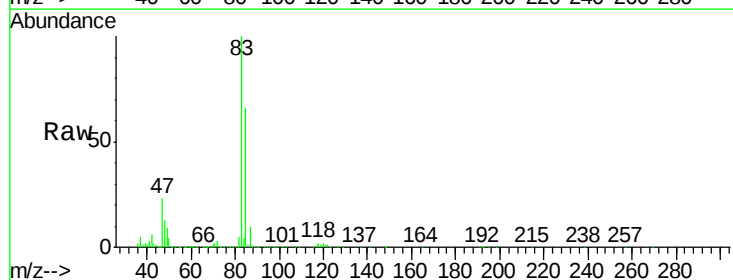
Manual Integrations
APPROVED

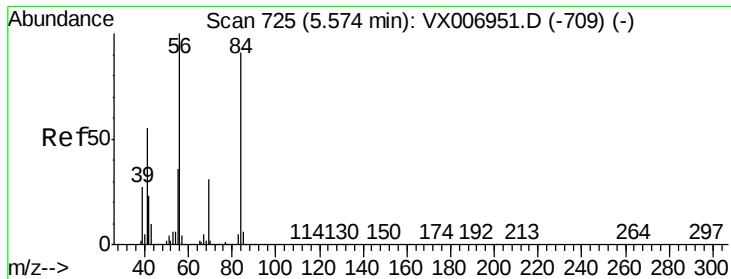
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#30
Chloroform
Concen: 20.246 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.2	76.8





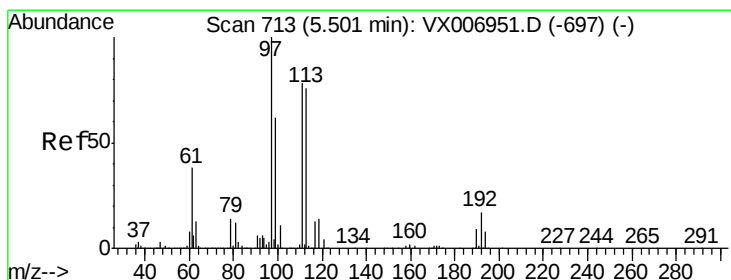
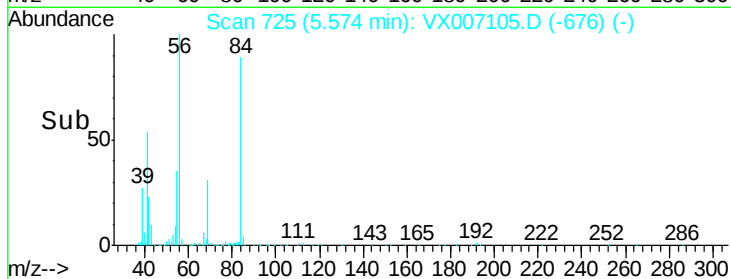
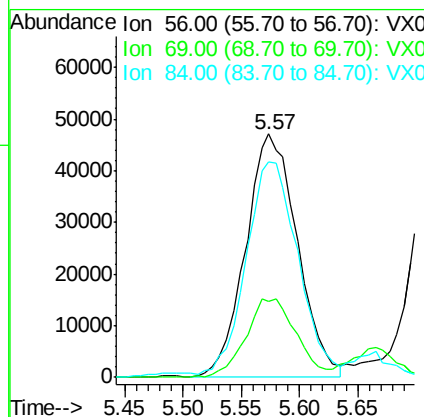
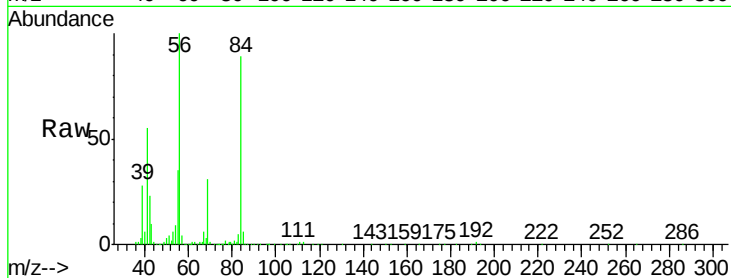
#31
Cyclohexane
Concen: 19.306 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.4	36.6
84	87.4	70.0	105.0

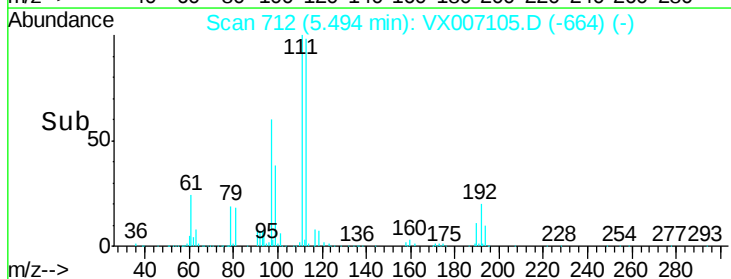
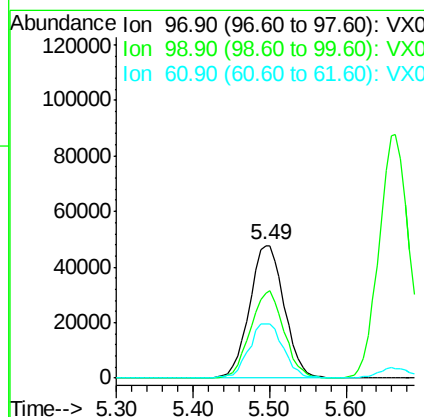
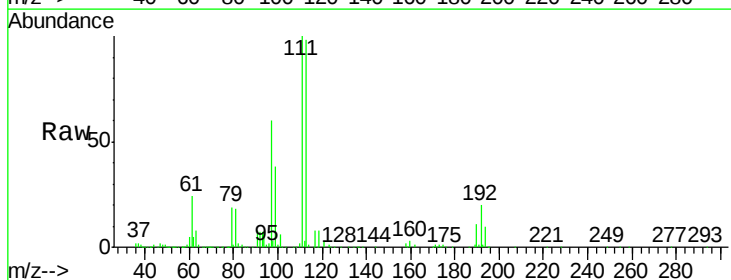
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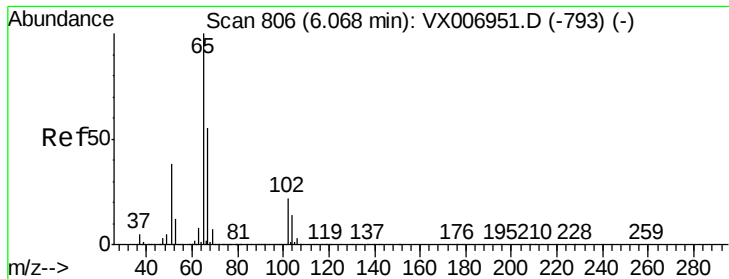
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#32
1,1,1-Trichloroethane
Concen: 20.241 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.7	77.5
61	40.5	31.3	46.9





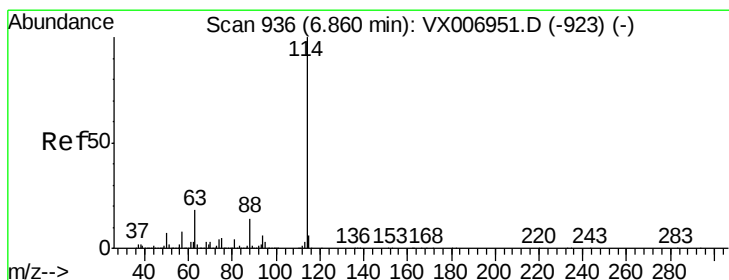
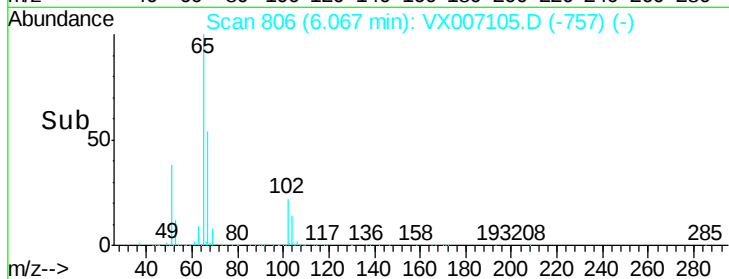
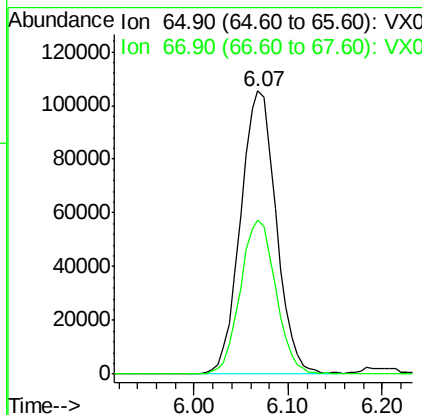
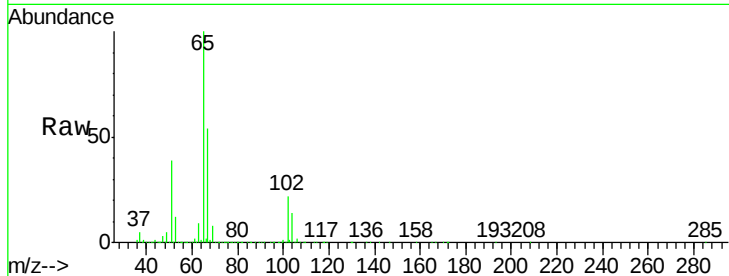
#33
 1,2-Dichloroethane-d4
 Concen: 52.463 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007105.D
 Acq: 17 Jan 2019 23:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	277642		
67	53.9	0.0	105.0	

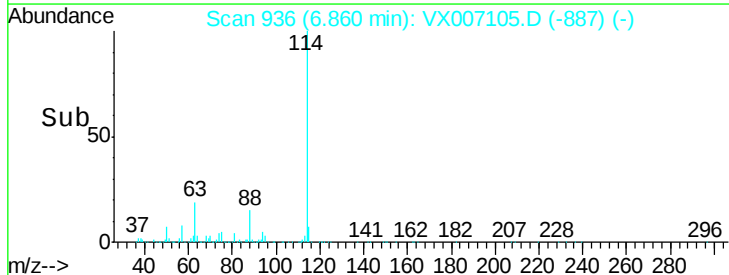
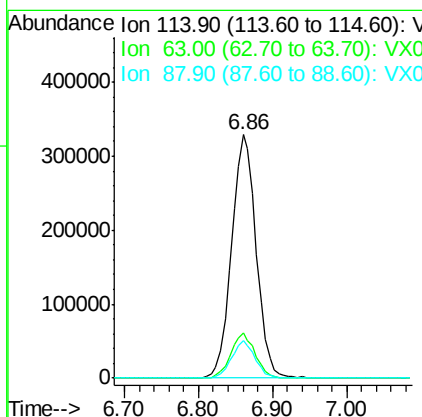
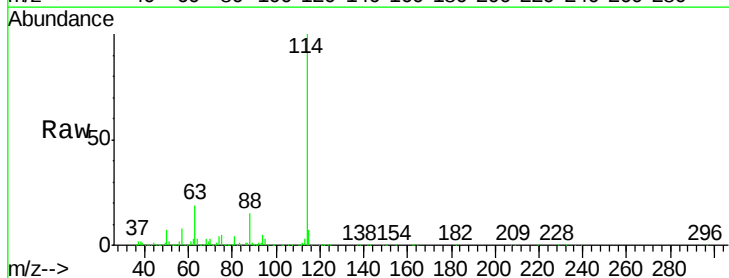
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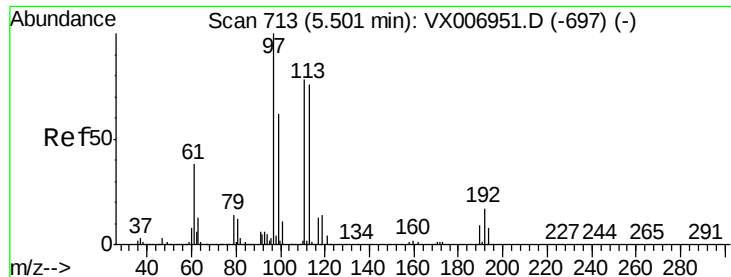
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007105.D
 Acq: 17 Jan 2019 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	757257		
63	18.5	0.0	34.8	
88	15.2	0.0	28.8	





#35

Dibromofluoromethane

Concen: 51.548 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Instrument :

MSVOA_X

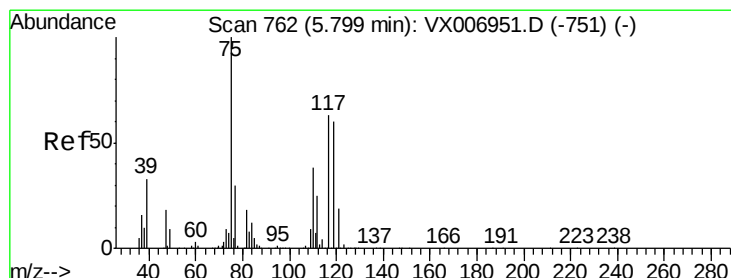
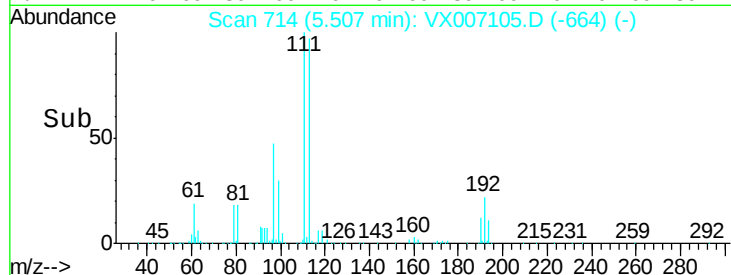
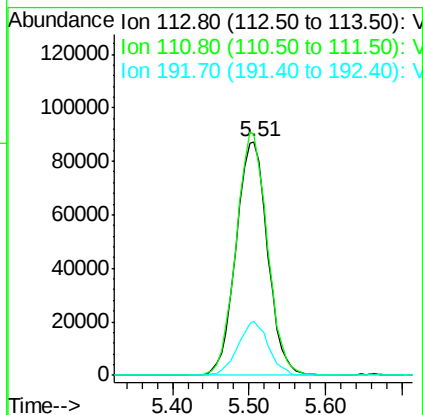
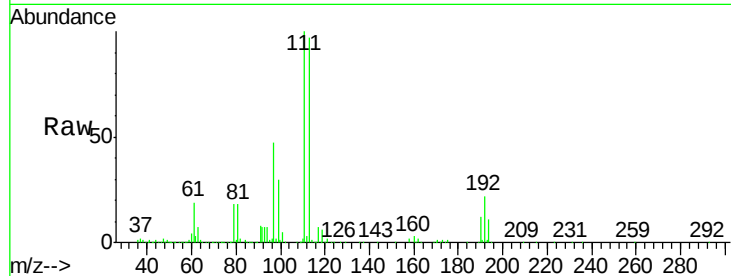
ClientSampleId :

VX0117WBS02

Tot Ion:	113	Resp:	249979
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.6	122.4
192	22.4	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 19.410 ug/l

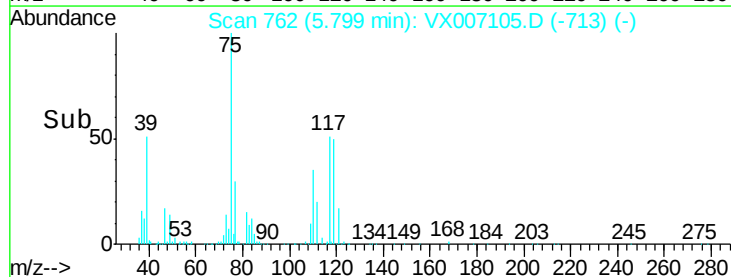
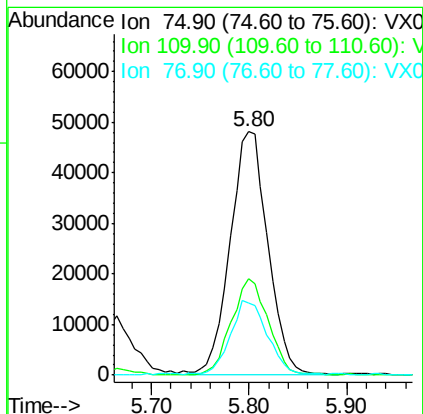
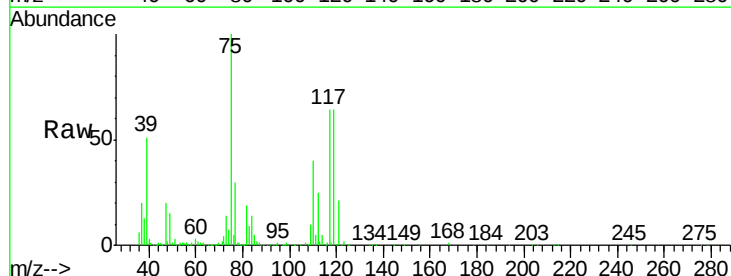
RT: 5.80 min Scan# 762

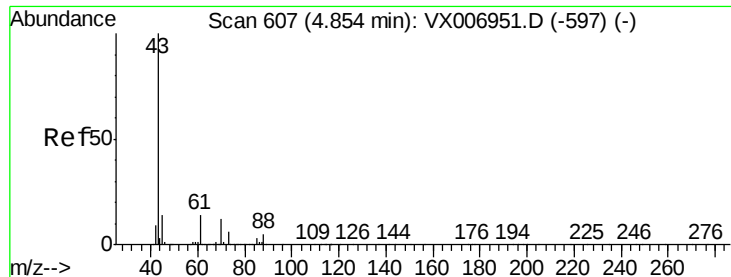
Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Tgt Ion:	75	Resp:	127791
Ion Ratio	Lower	Upper	
75	100		
110	39.3	20.2	60.5
77	30.0	24.8	37.2





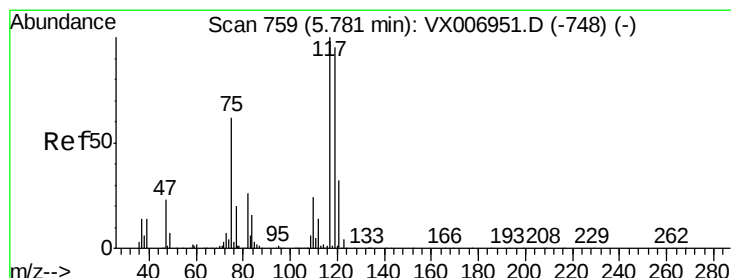
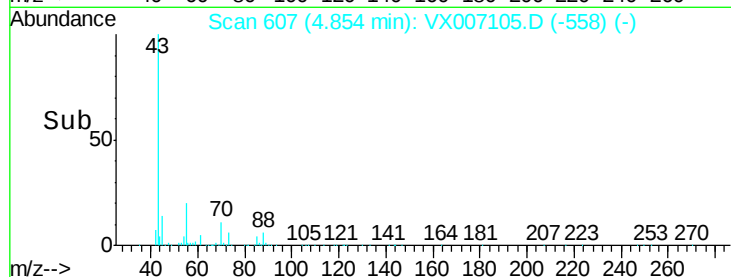
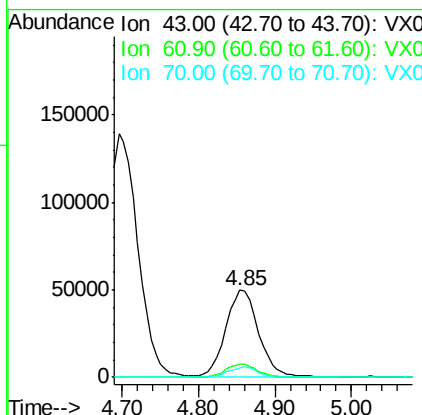
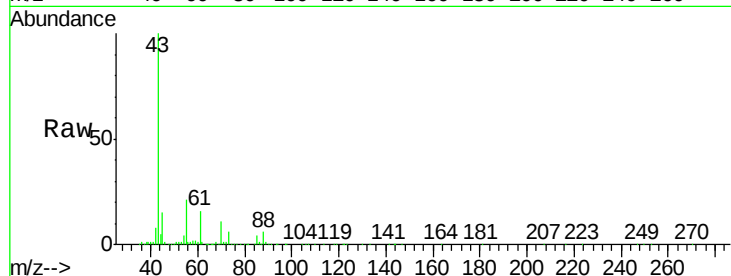
#37
Ethyl Acetate
Concen: 20.946 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.9	17.9
70	10.9	9.7	14.5

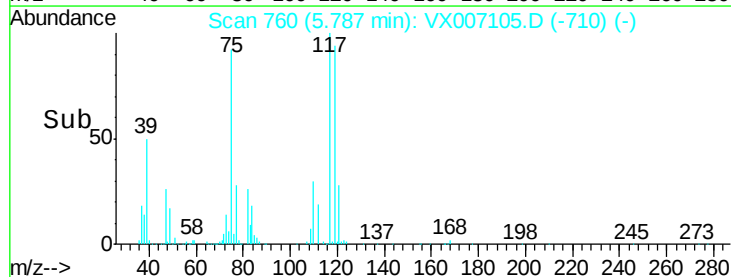
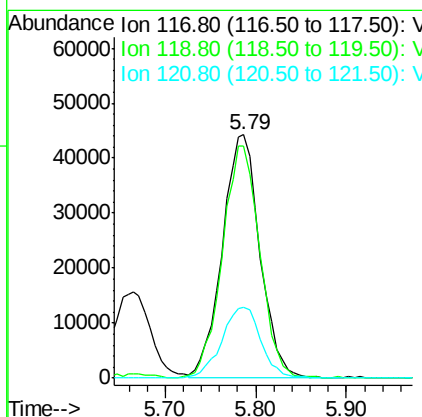
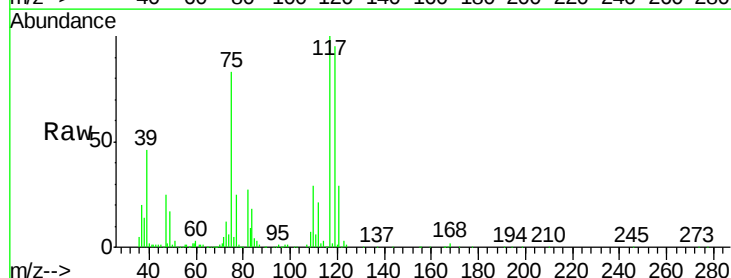
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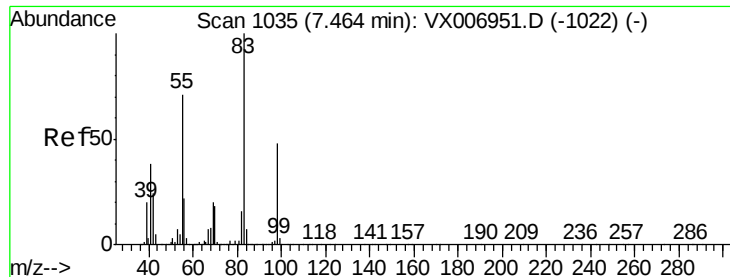
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#38
Carbon Tetrachloride
Concen: 19.119 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	79.4	119.2
121	29.3	24.0	36.0





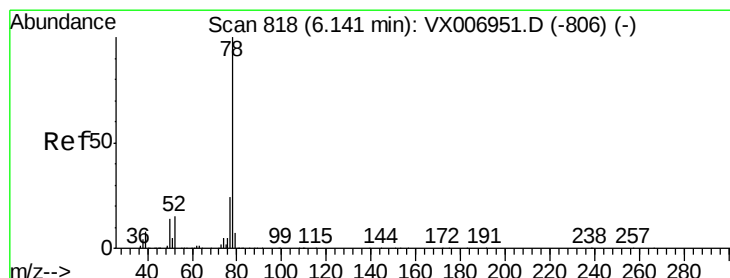
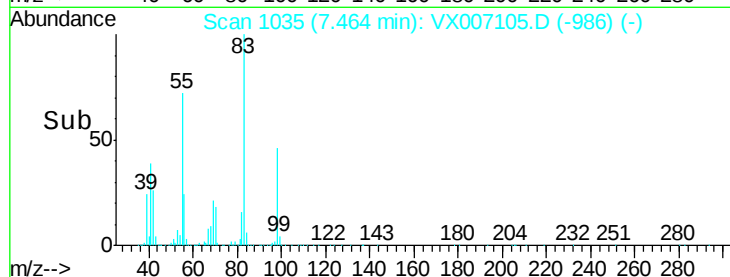
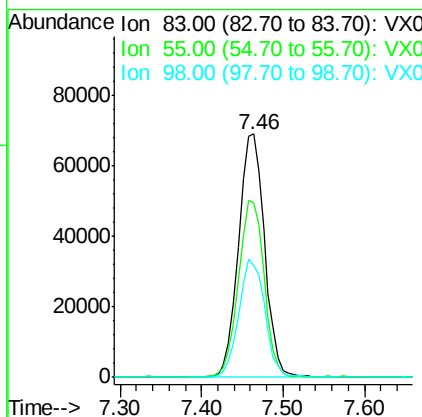
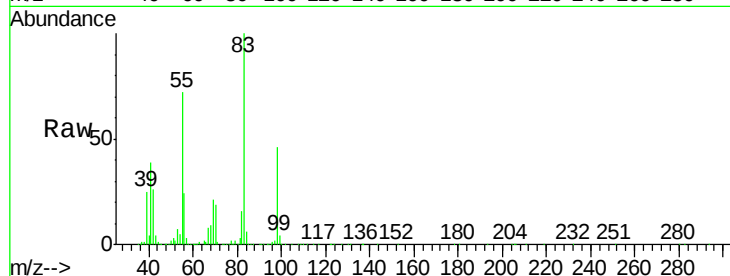
#39
Methvlcvclohexane
Concen: 18.206 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.6	54.9	82.3
98	45.9	37.9	56.9

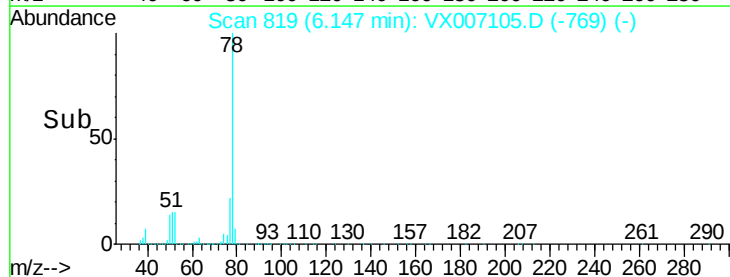
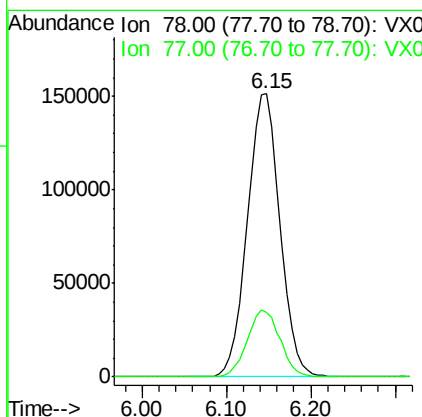
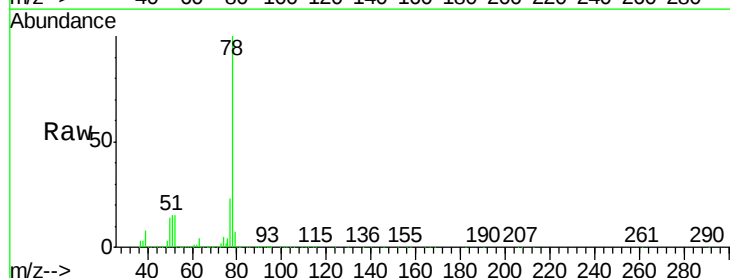
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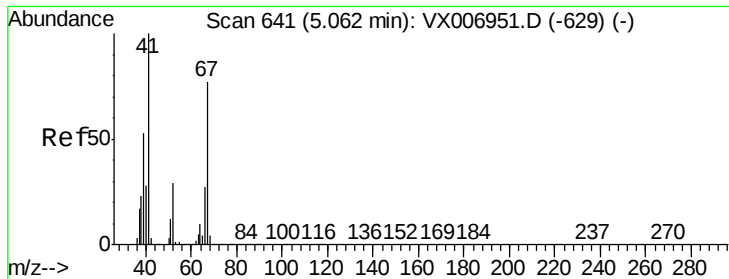
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#40
Benzene
Concen: 19.698 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.2	28.8





#41

Methacrylonitrile

Concen: 19.867 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS02

Tot Ion: 41 Resp: 80783

Ion Ratio Lower Upper

41 100

39 53.7 42.8 64.2

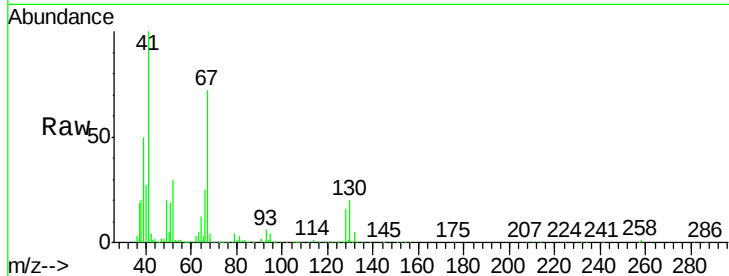
67 77.4 62.1 93.1

52 30.1 23.4 35.0

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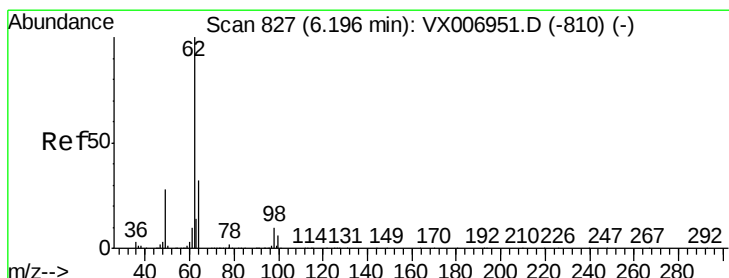
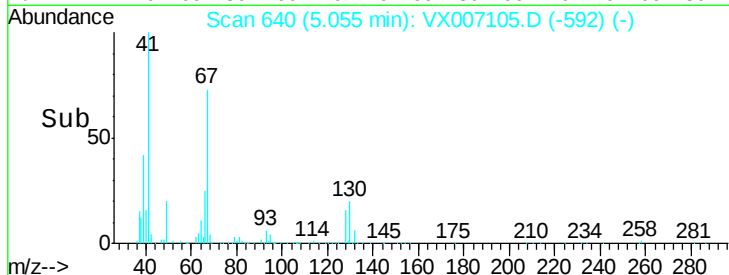
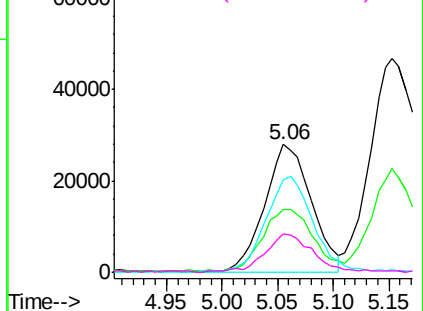


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.874 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007105.D

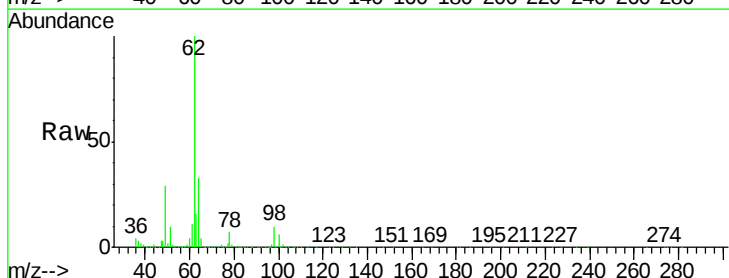
Acq: 17 Jan 2019 23:22

Tgt Ion: 62 Resp: 137966

Ion Ratio Lower Upper

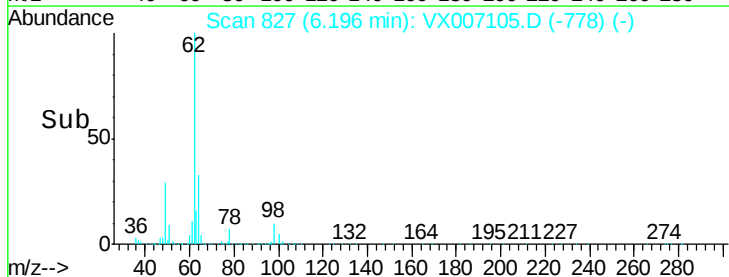
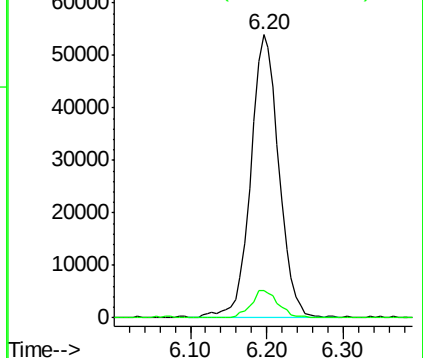
62 100

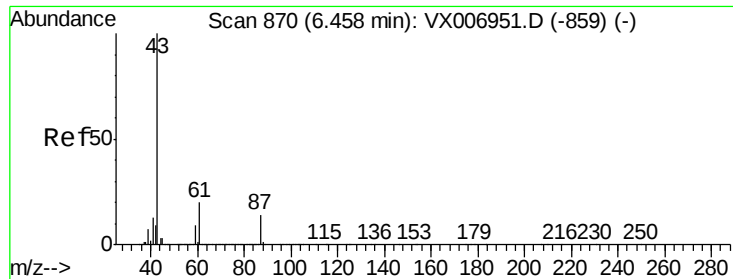
98 9.7 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

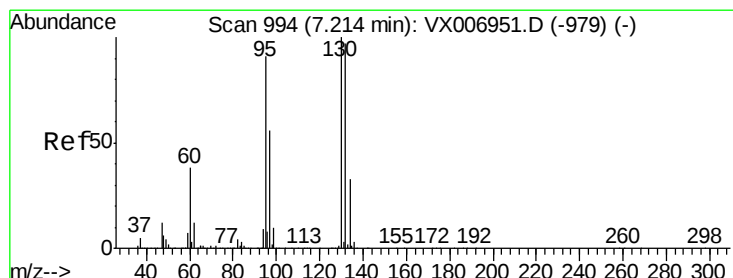
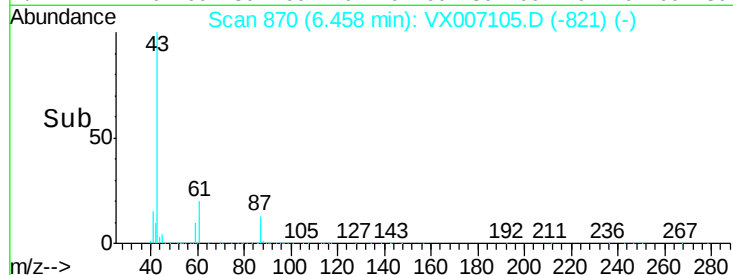
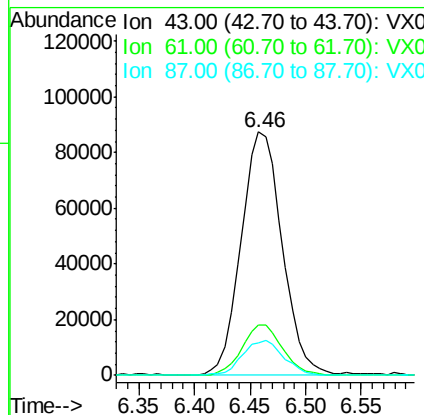
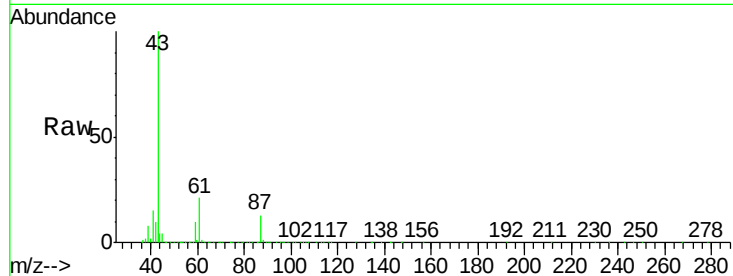
Isopropyl Acetate
 Concen: 20.079 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007105.D
 Acq: 17 Jan 2019 23:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.8	25.2
87	14.2	12.4	18.6

Manual Integrations
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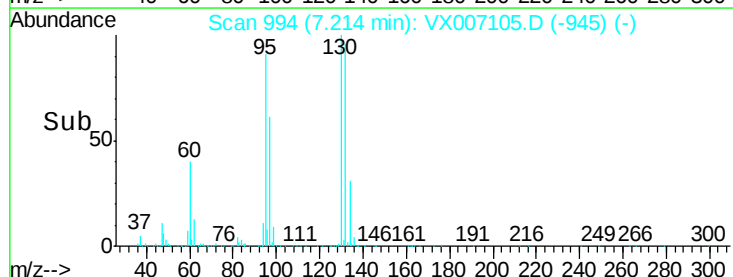
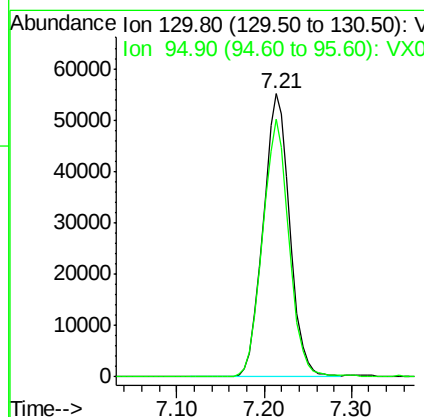
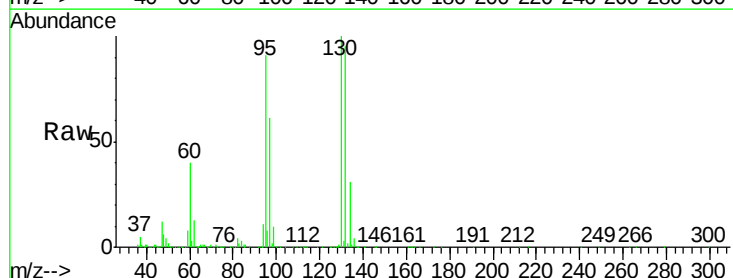
MMDadoda
 1/18/2019 10:22:53 AM

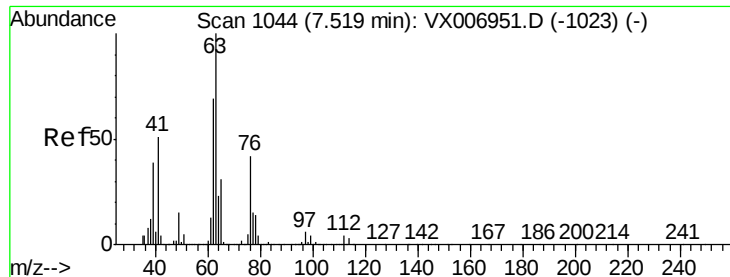


#44

Trichloroethene
 Concen: 19.512 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007105.D
 Acq: 17 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	187.0





#45

1,2-Dichloropropane

Concen: 20.331 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS02

Tot Ion: 63 Resp: 102680

Ion Ratio Lower Upper

63 100

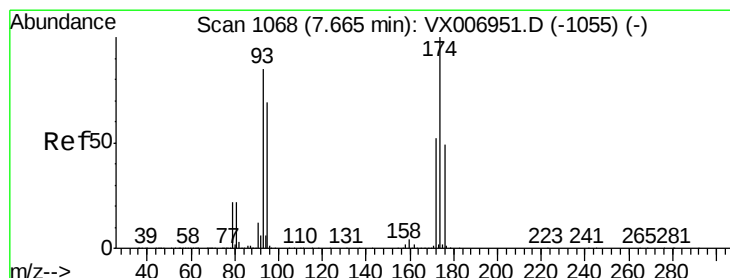
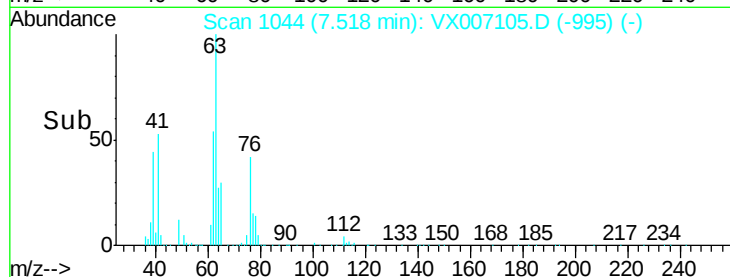
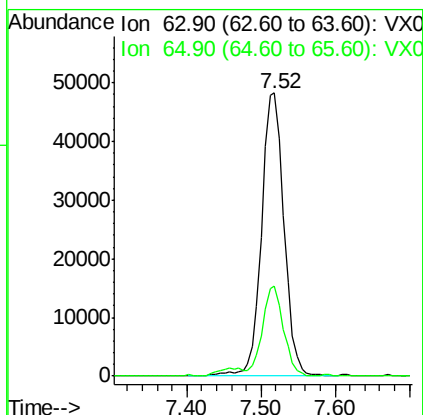
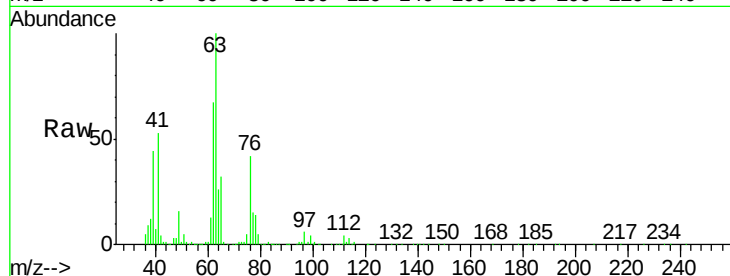
65 31.4 25.4 38.0

Manual Integrations

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MMDadoda

1/18/2019 10:22:53 AM



#46

Dibromomethane

Concen: 19.811 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

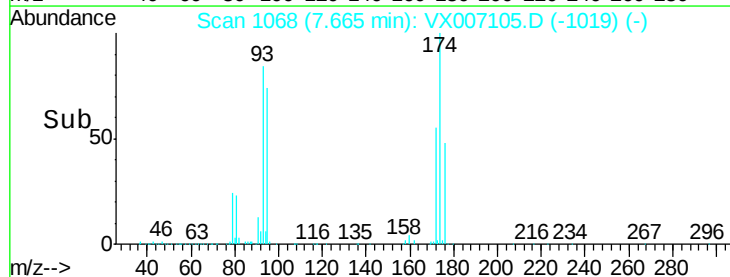
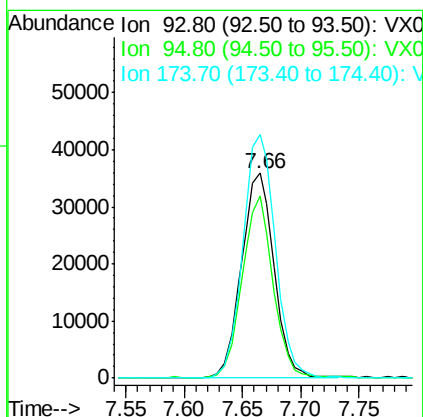
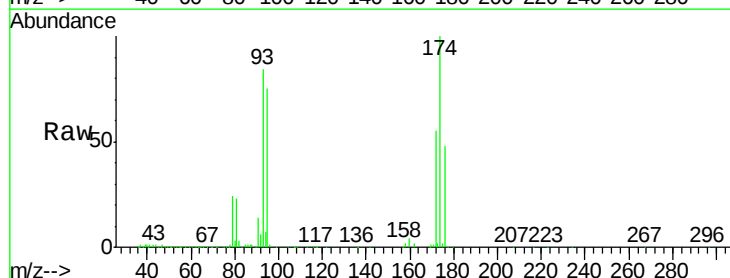
Tgt Ion: 93 Resp: 70318

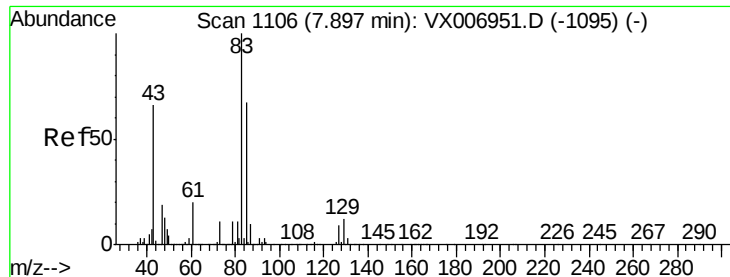
Ion Ratio Lower Upper

93 100

95 84.8 66.2 99.4

174 118.0 91.0 136.4





#47

Bromodichloromethane

Concen: 19.679 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Instrument :

MSVOA_X

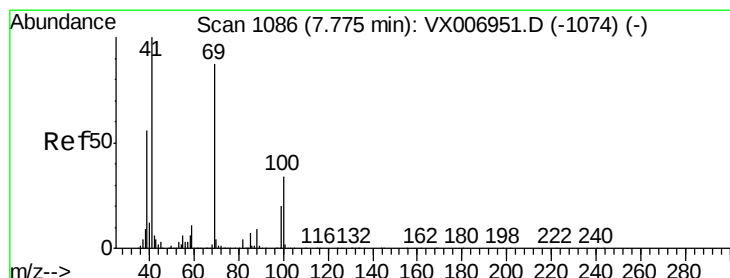
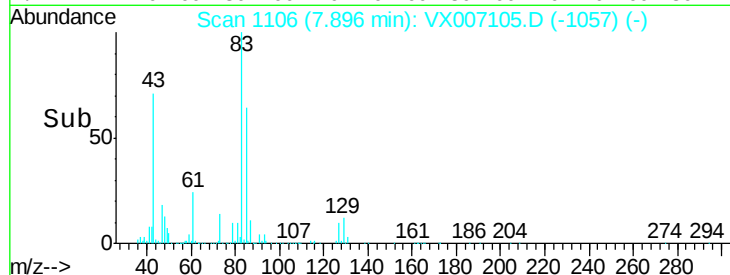
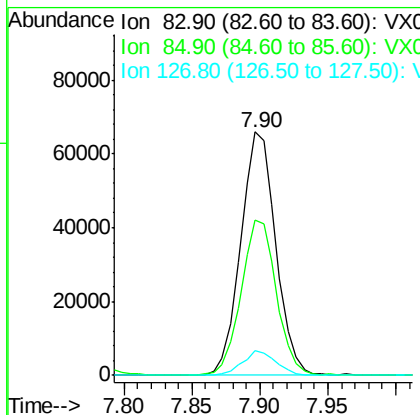
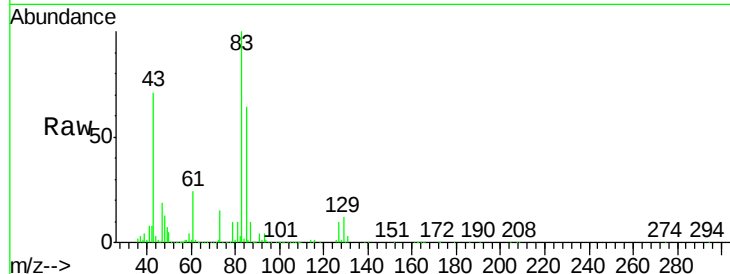
ClientSampleId :

VX0117WBS02

Tot Ion:	83	Resp:	118893
Ion	Ratio	Lower	Upper
83	100		
85	63.5	53.2	79.8
127	10.1	7.8	11.6

Manual Integrations
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MMDadoda
1/18/2019 10:22:53 AM



#48

Methyl methacrylate

Concen: 20.076 ug/l

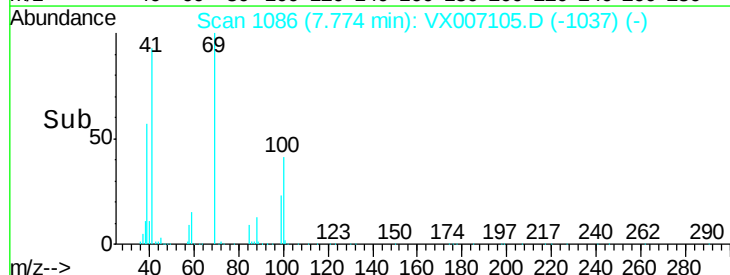
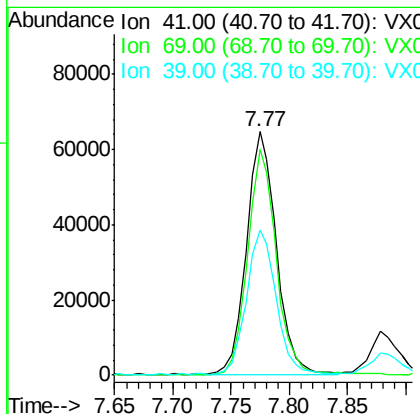
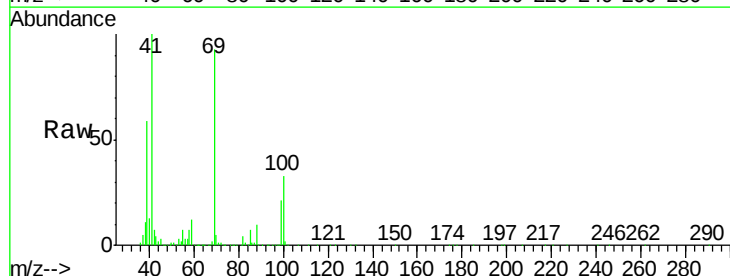
RT: 7.77 min Scan# 1086

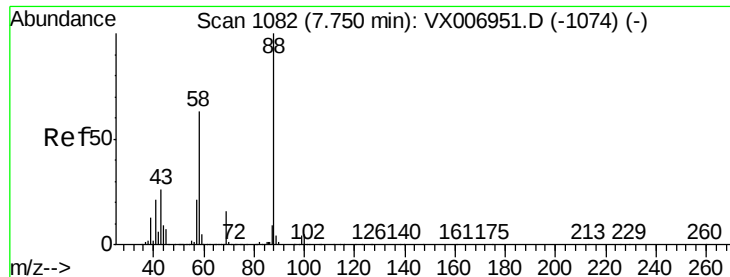
Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Tgt Ion:	41	Resp:	114783
Ion	Ratio	Lower	Upper
41	100		
69	90.7	72.4	108.6
39	59.6	45.8	68.8





#49

1,4-Dioxane

Concen: 424.994 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Instrument :

MSVOA_X

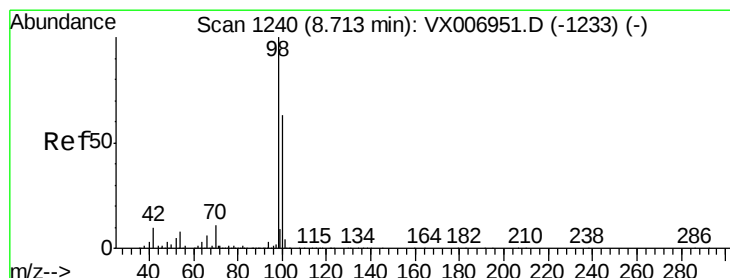
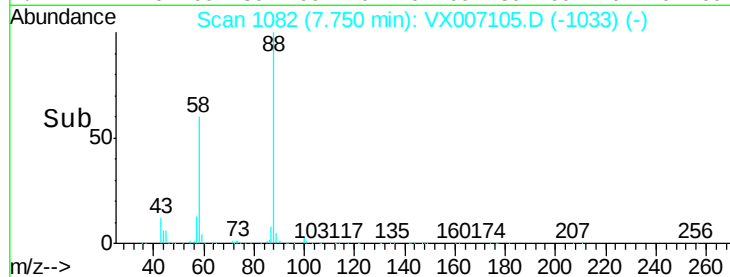
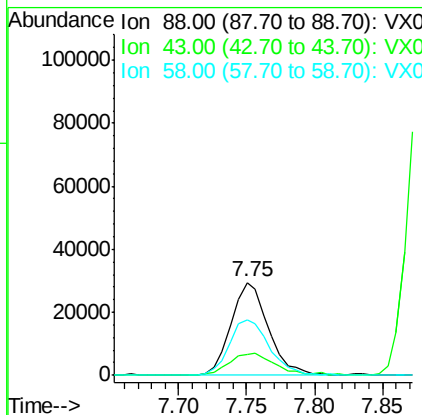
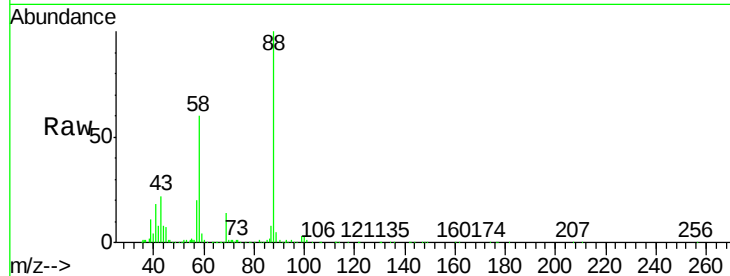
ClientSampleId :

VX0117WBS02

Tot Ion:	88	Resp:	56136
Ion	Ratio	Lower	Upper
88	100		
43	30.1	22.2	33.4
58	64.4	51.0	76.4

Manual Integrations
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#50

Toluene-d8

Concen: 51.191 ug/l

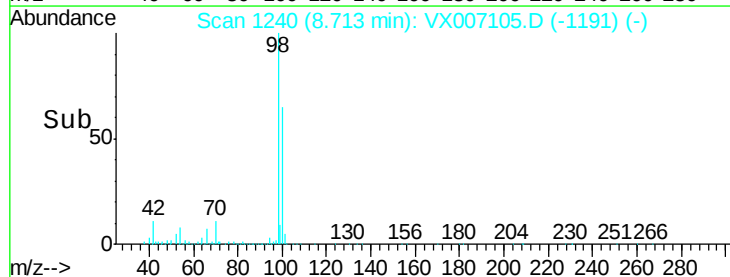
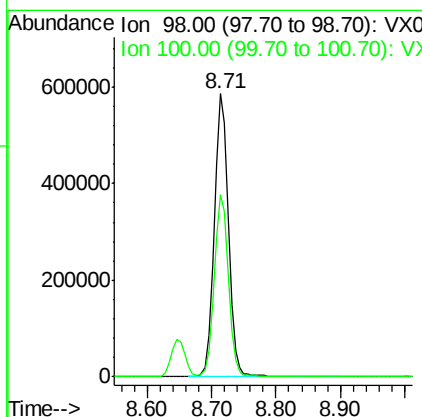
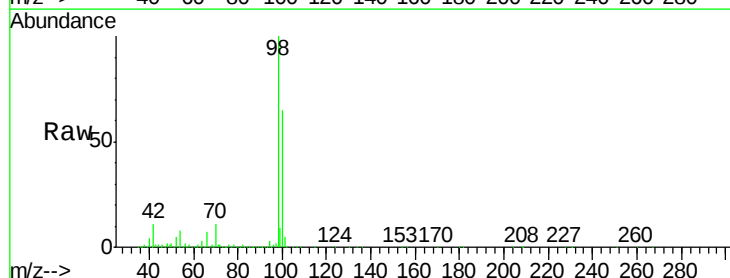
RT: 8.71 min Scan# 1240

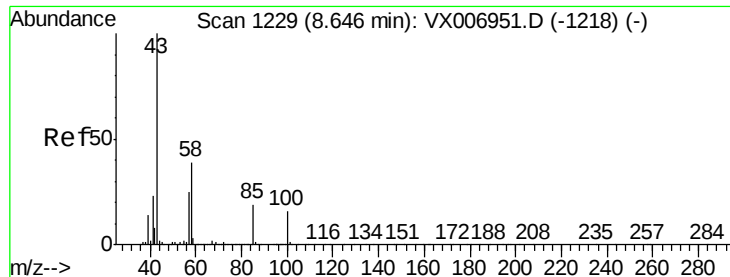
Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Tgt Ion:	98	Resp:	908660
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 106.024 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS02

Tot Ion: 43 Resp: 758613

Ion Ratio Lower Upper

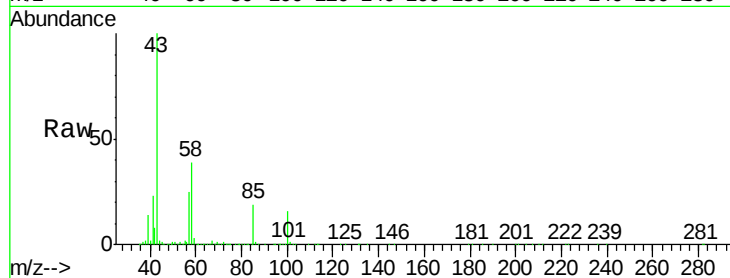
43 100

58 39.1 31.8 47.6

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

500000

400000

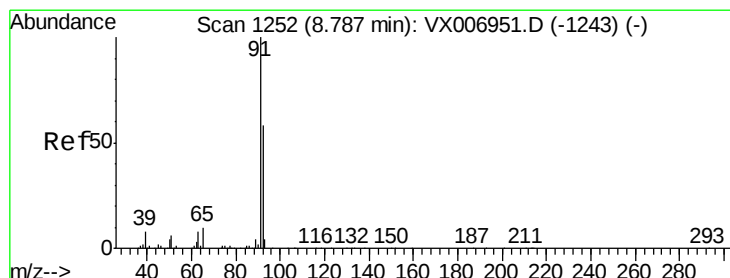
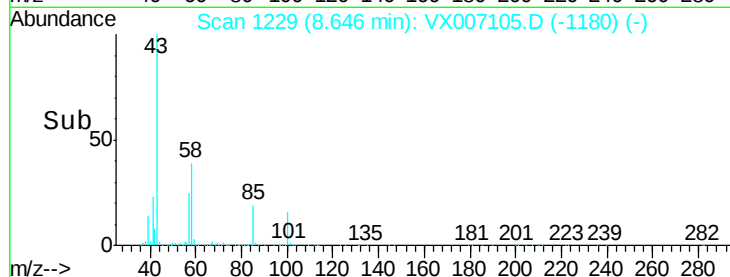
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.654 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007105.D

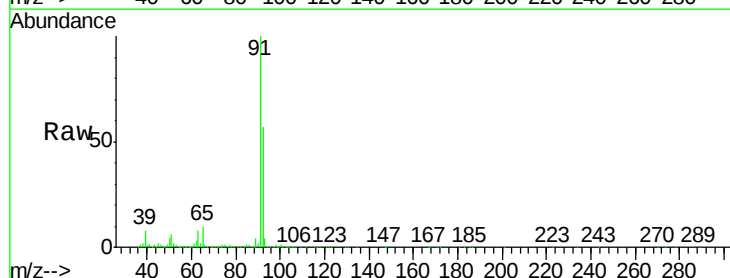
Acq: 17 Jan 2019 23:22

Tgt Ion: 92 Resp: 253769

Ion Ratio Lower Upper

92 100

91 174.8 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

300000

250000

200000

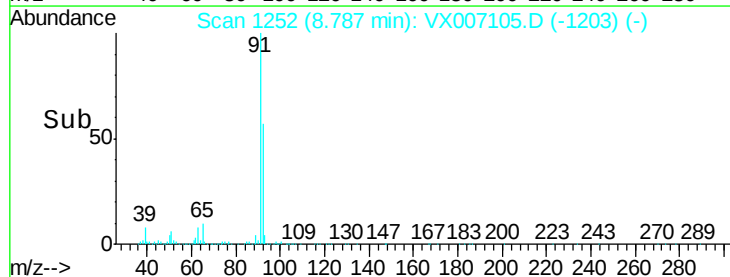
150000

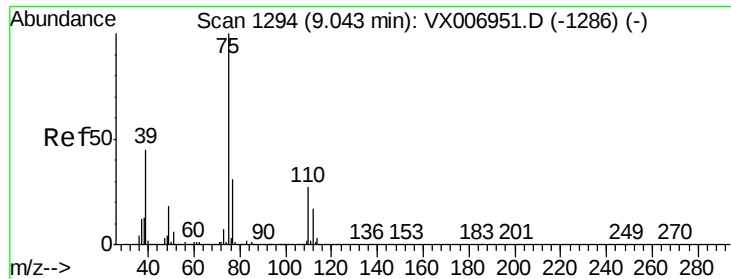
100000

50000

0

Time-->





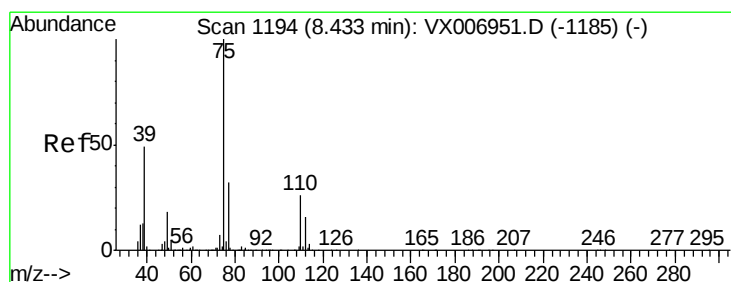
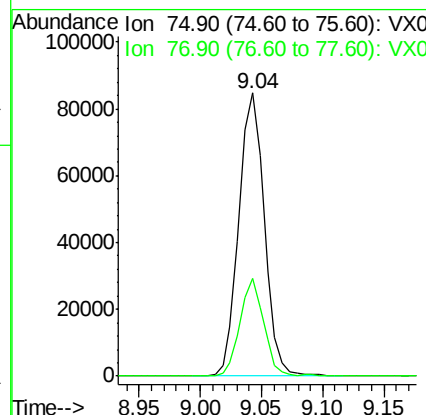
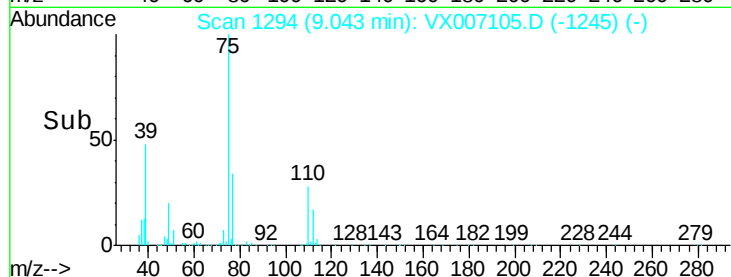
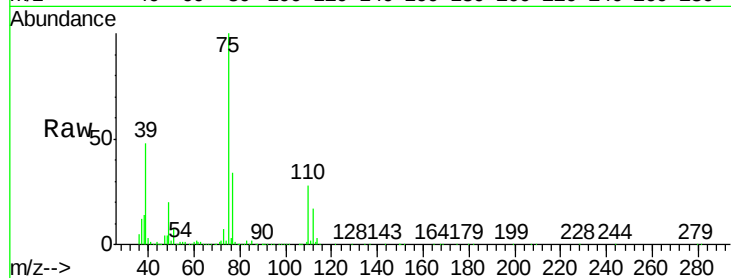
#53
t-1,3-Dichloropropene
Concen: 18.191 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	34.3	25.4	38.0

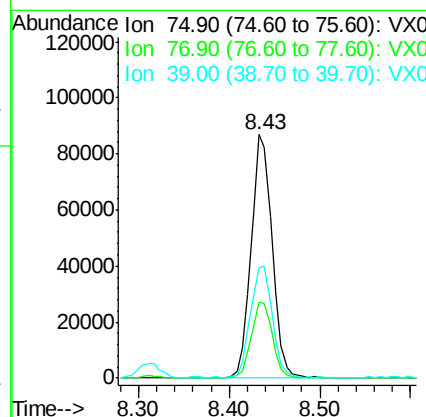
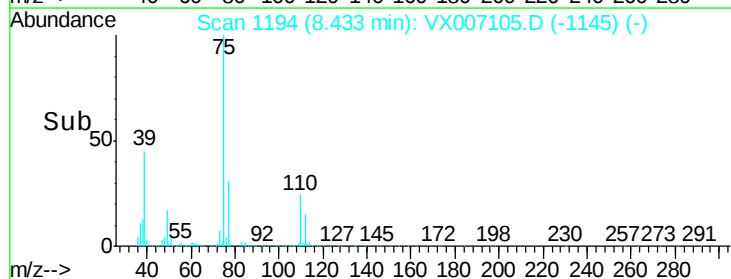
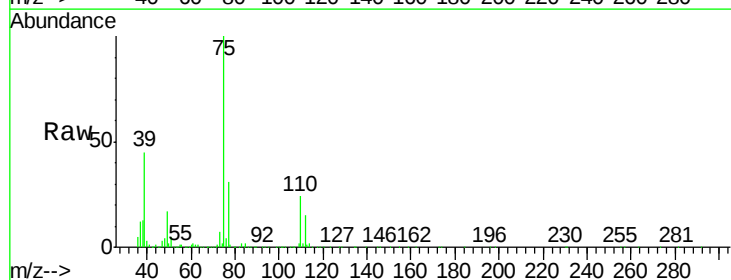
Manual Integrations
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1/18/2019 10:22:53 AM



#54
cis-1,3-Dichloropropene
Concen: 18.917 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.2	39.2
39	44.9	36.7	55.1





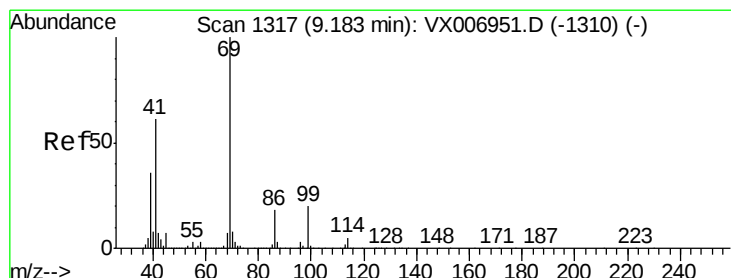
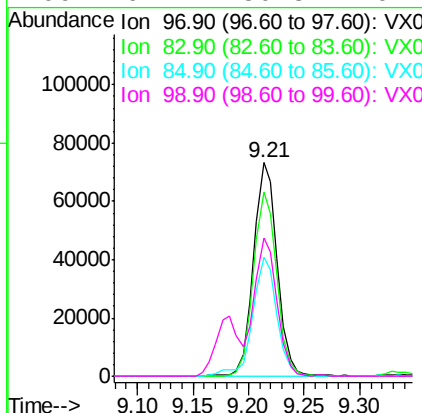
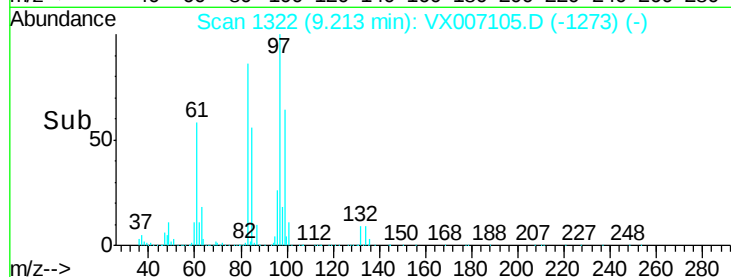
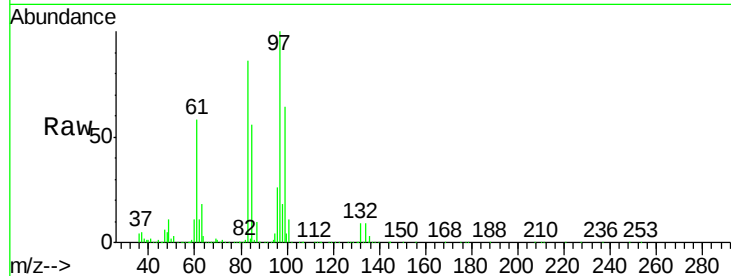
#55
 1,1,2-Trichloroethane
 Concen: 20.972 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007105.D
 Acq: 17 Jan 2019 23:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS02

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.5	66.6	99.8
85	55.7	42.7	64.1
99	64.4	50.8	76.2

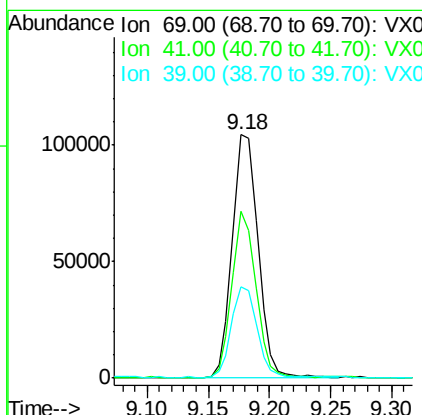
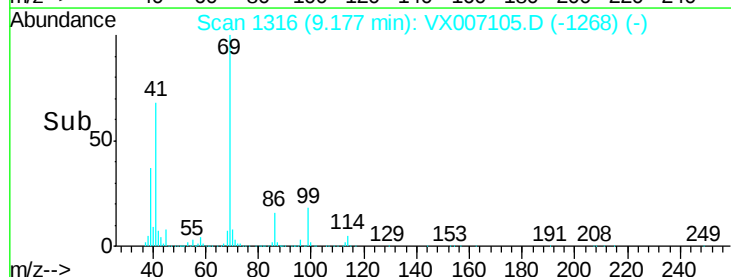
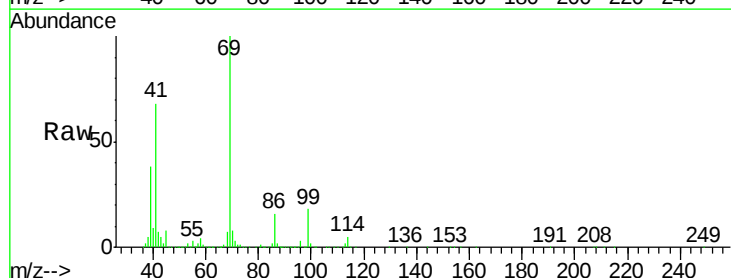
Manual Integrations
 APPROVED

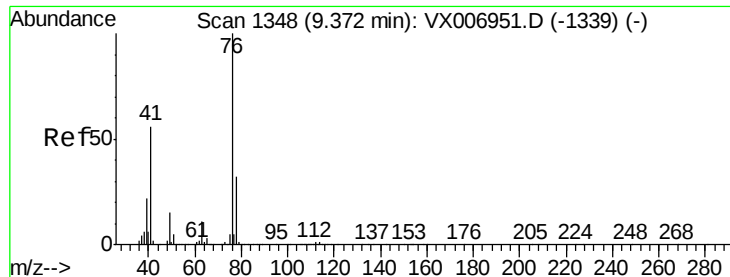
MMDadoda
 1/18/2019 10:22:53 AM



#56
 Ethyl methacrylate
 Concen: 20.278 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX007105.D
 Acq: 17 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.6	48.7	73.1
39	37.1	27.0	40.6





#57

1,3-Dichloropropane

Concen: 20.419 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS02

Tot Ion: 76 Resp: 172887

Ion Ratio Lower Upper

76 100

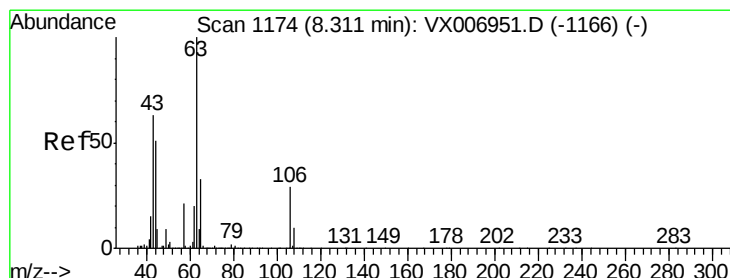
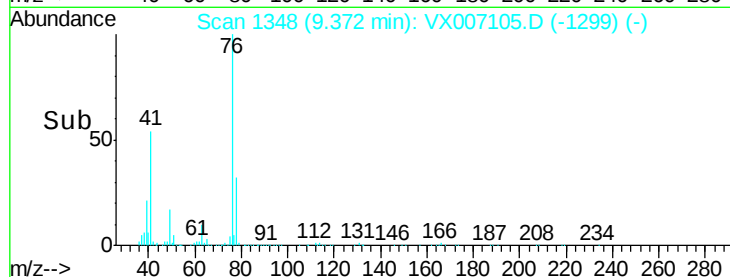
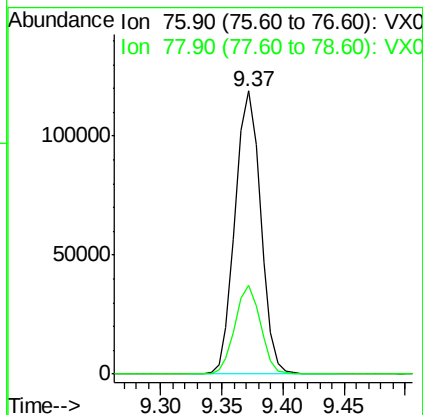
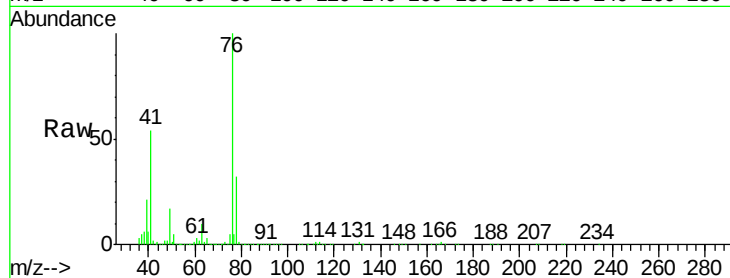
78 31.4 26.0 39.0

Manual Integrations

APPROVED

MMDadoda

1/18/2019 10:22:53 AM



#58

2-Chloroethyl Vinyl ether

Concen: 102.104 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007105.D

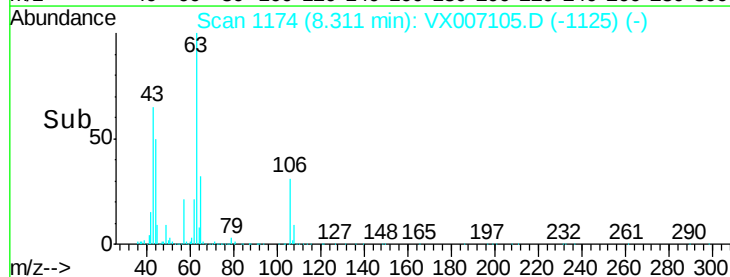
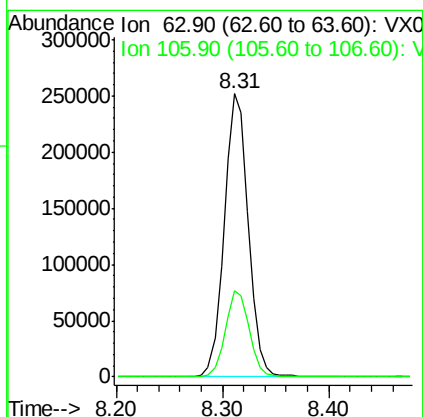
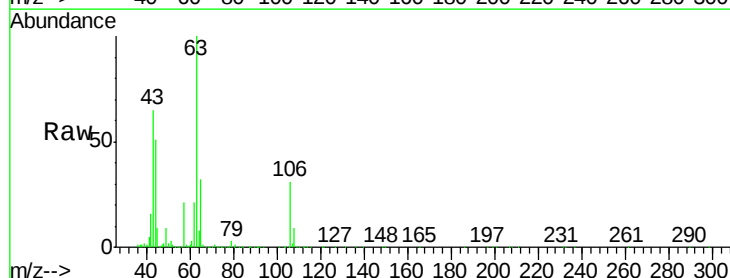
Acq: 17 Jan 2019 23:22

Tgt Ion: 63 Resp: 396085

Ion Ratio Lower Upper

63 100

106 30.3 24.6 36.8





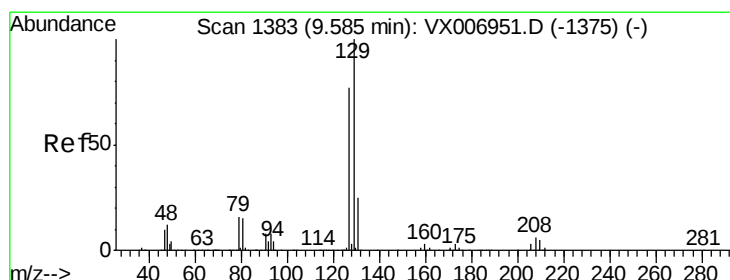
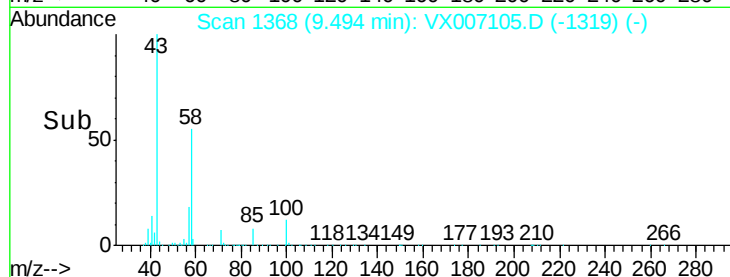
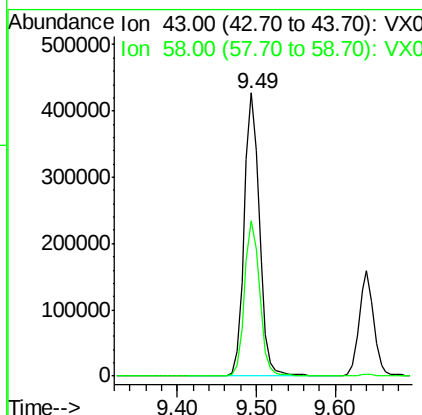
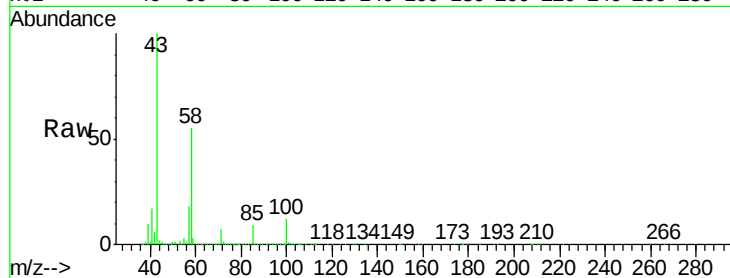
#59
2-Hexanone
Concen: 105.287 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS02

Tot Ion: 43 Resp: 574091
Ion Ratio Lower Upper
43 100
58 54.7 27.7 83.1

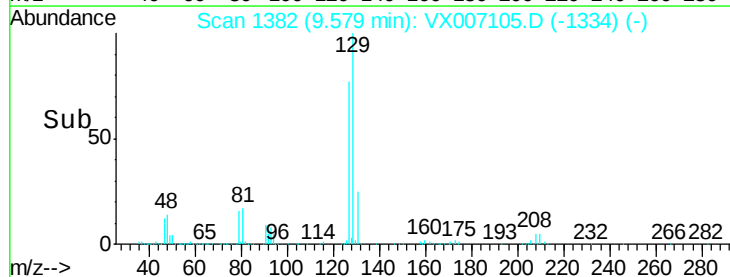
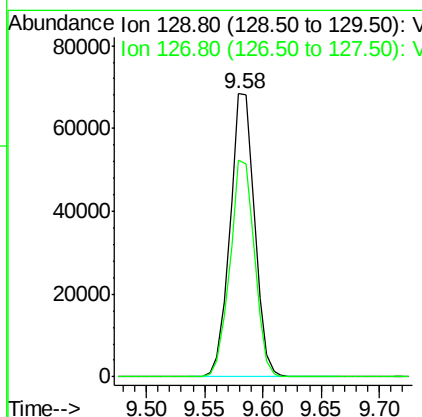
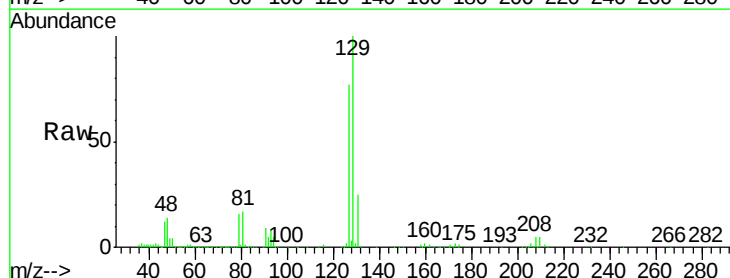
Manual Integrations
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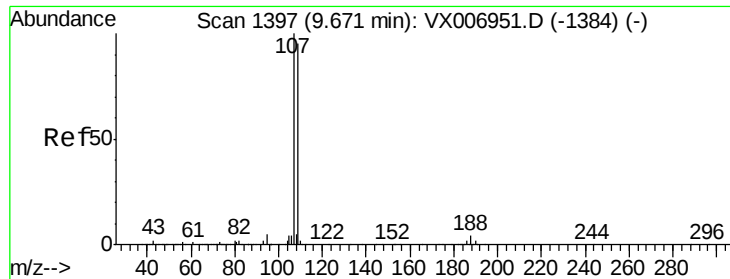
MMDadoda
1/18/2019 10:22:53 AM



#60
Dibromochloromethane
Concen: 20.144 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Tgt Ion: 129 Resp: 101093
Ion Ratio Lower Upper
129 100
127 76.1 39.3 117.8





#61

1,2-Dibromoethane

Concen: 20.375 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS02

Tot Ion:107 Resp: 115926

Ion Ratio Lower Upper

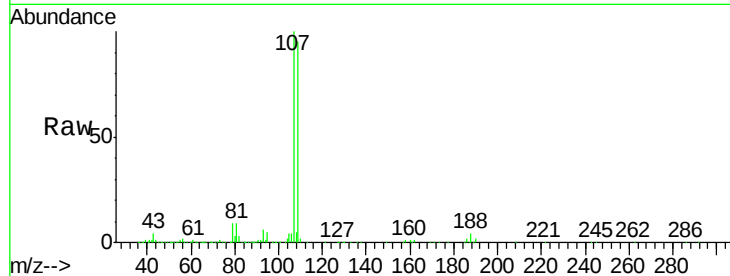
107 100

109 95.6 75.8 113.6

Manual Integrations
APPROVED

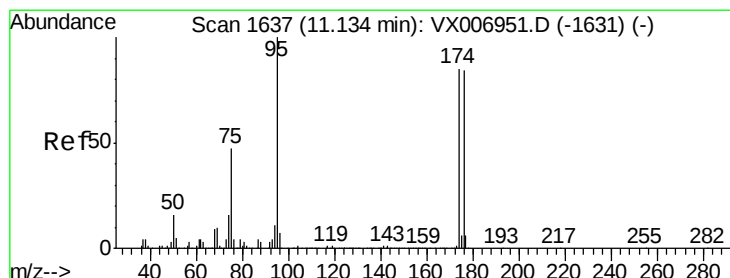
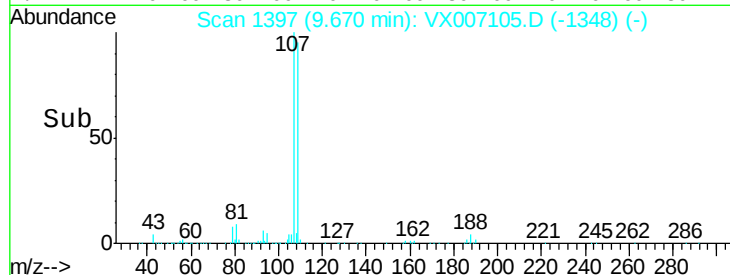
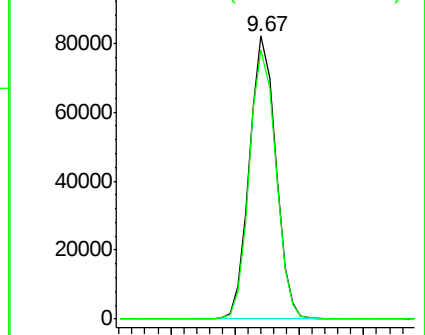
MMDadoda

1/18/2019 10:22:53 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.598 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

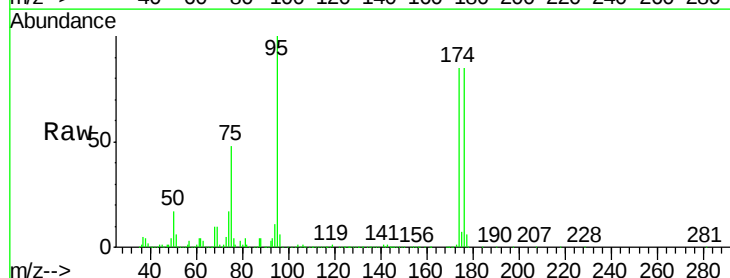
Tgt Ion: 95 Resp: 319300

Ion Ratio Lower Upper

95 100

174 94.1 0.0 182.2

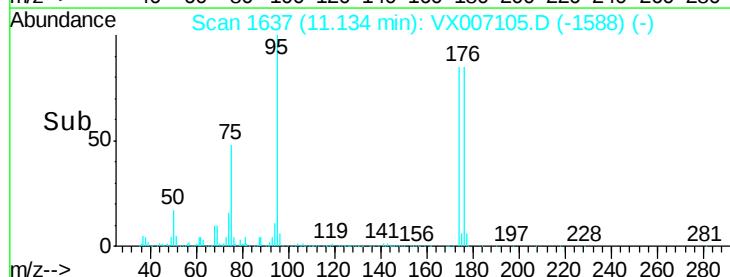
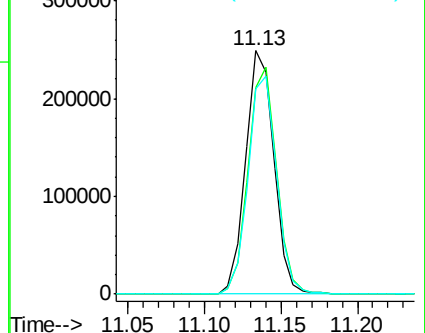
176 91.1 0.0 178.8

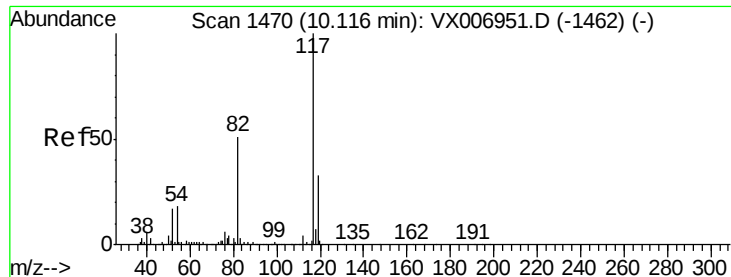


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





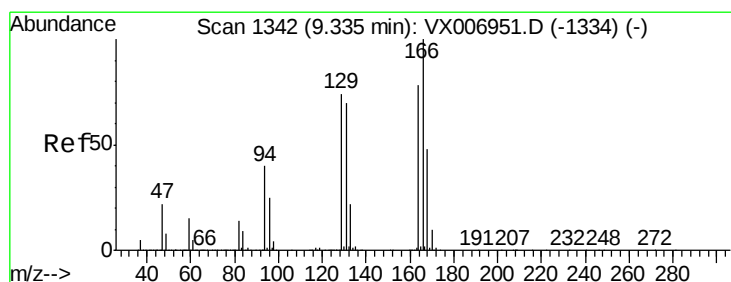
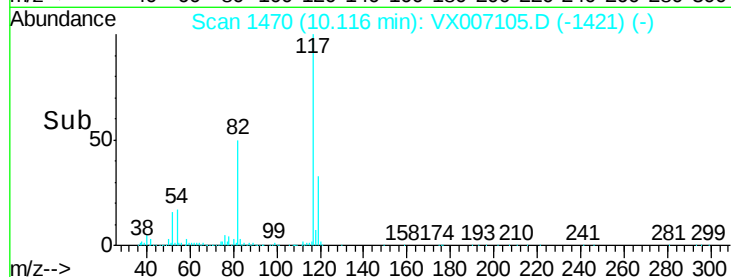
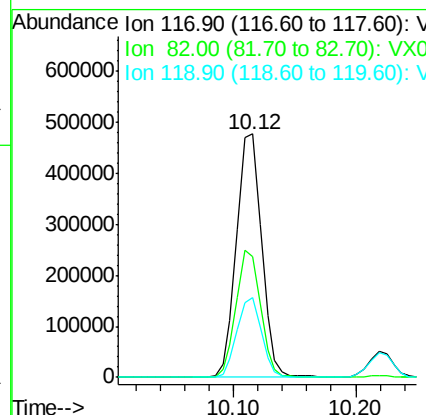
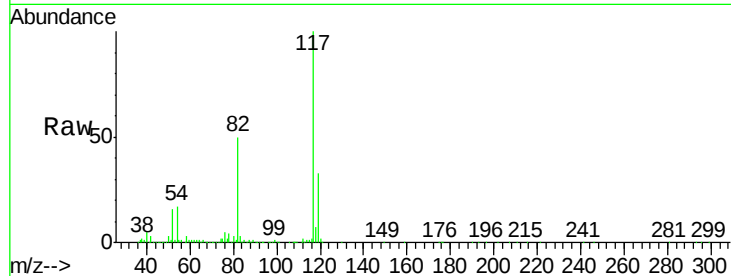
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.8	41.0	61.6
119	32.6	25.4	38.0

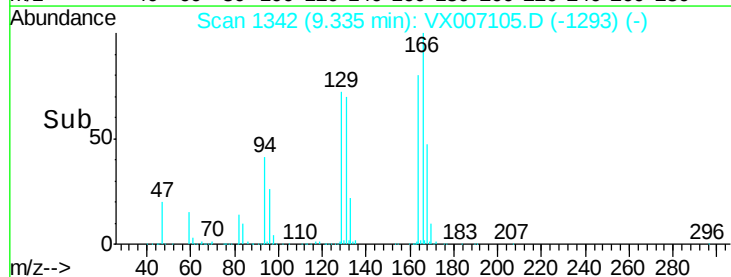
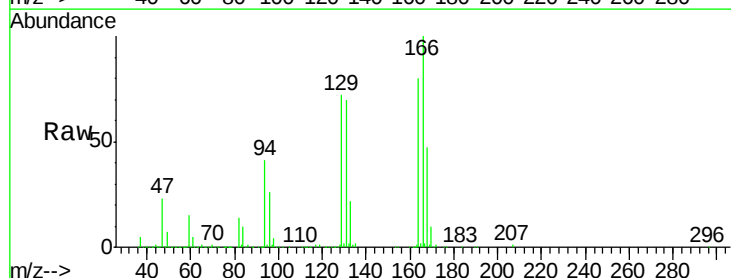
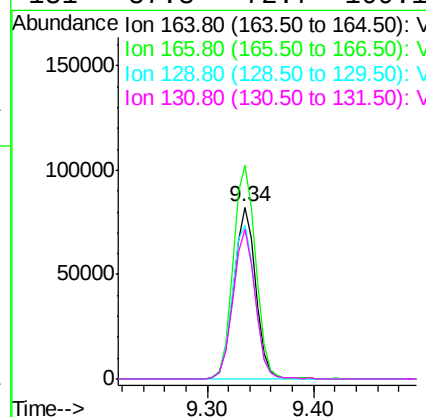
Manual Integrations
APPROVED

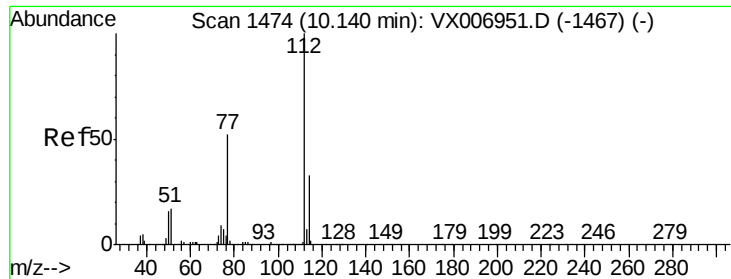
MMDadoda
1/18/2019 10:22:53 AM



#64
Tetrachloroethene
Concen: 20.279 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.5	102.5	153.7
129	89.6	75.1	112.7
131	87.3	72.7	109.1





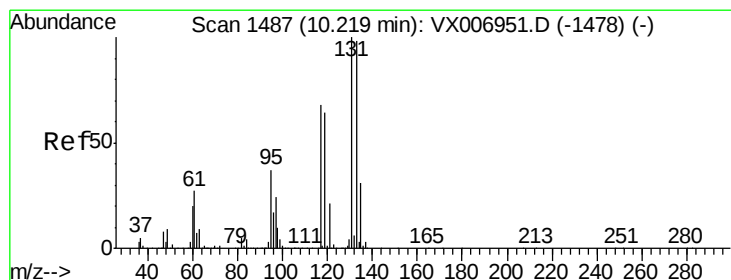
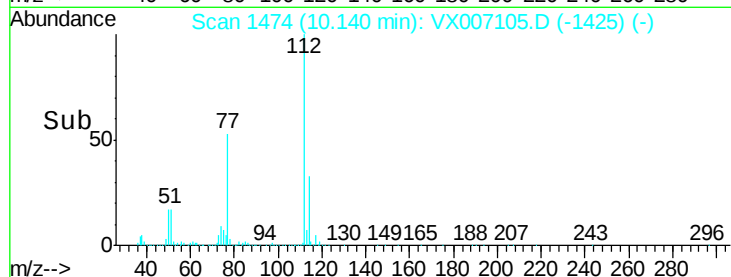
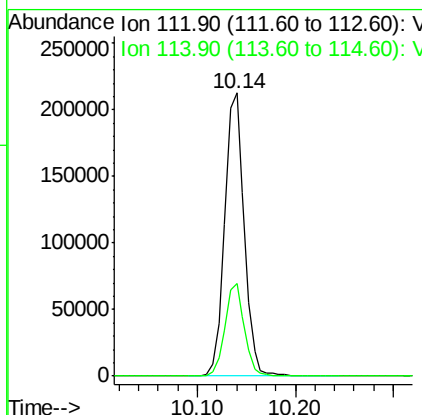
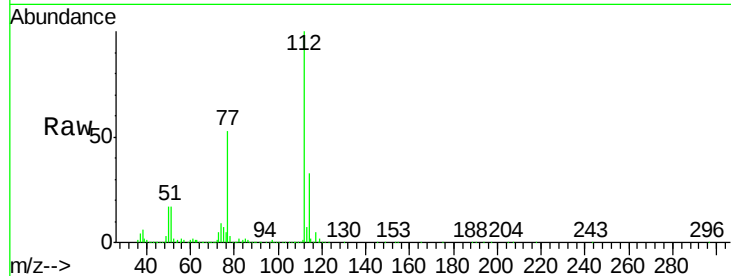
#65
Chlorobenzene
Concen: 19.804 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS02

Tot Ion:112 Resp: 294205
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

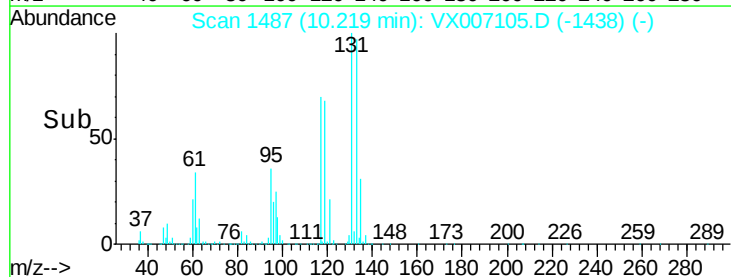
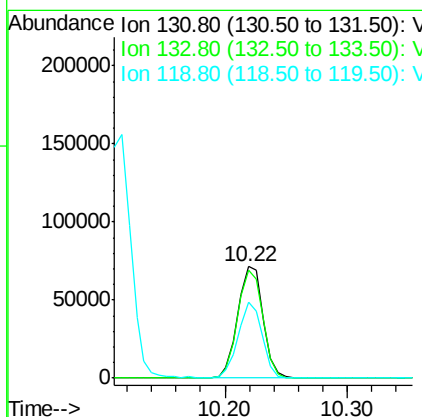
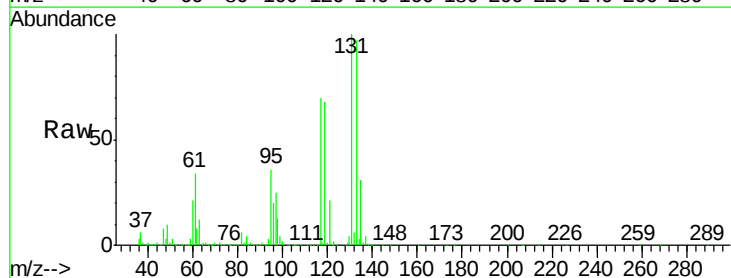
Manual Integrations
APPROVED

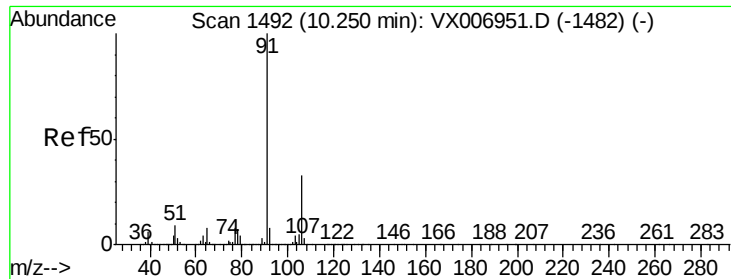
MMDadoda
1/18/2019 10:22:53 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.374 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Tgt Ion:131 Resp: 101820
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.2
119 64.2 32.6 97.8





#67

Ethyl Benzene

Concen: 19.538 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS02

Tot Ion: 91 Resp: 479179

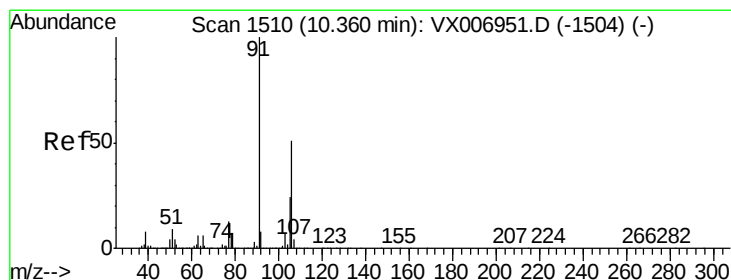
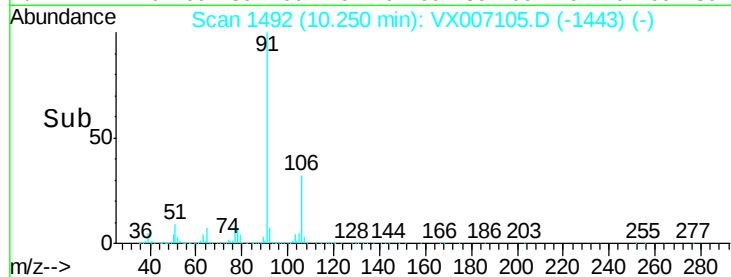
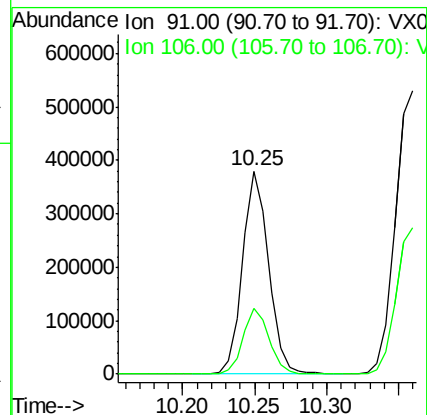
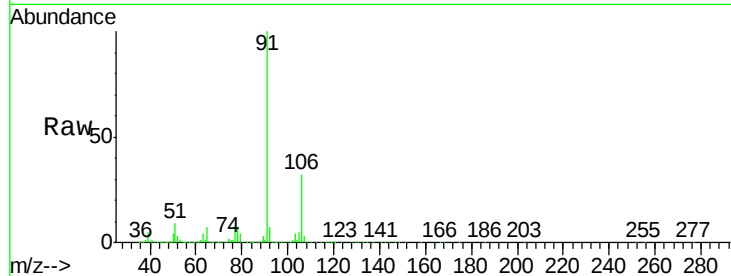
Ion Ratio Lower Upper

91 100

106 32.2 26.4 39.6

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 38.222 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007105.D

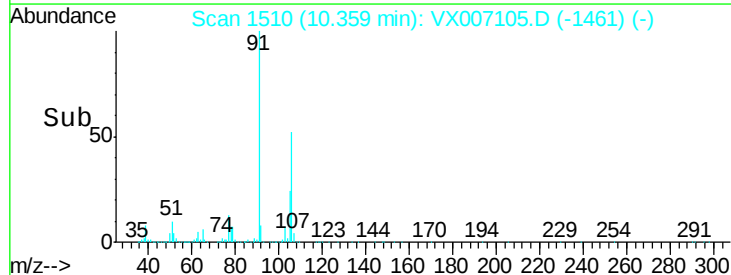
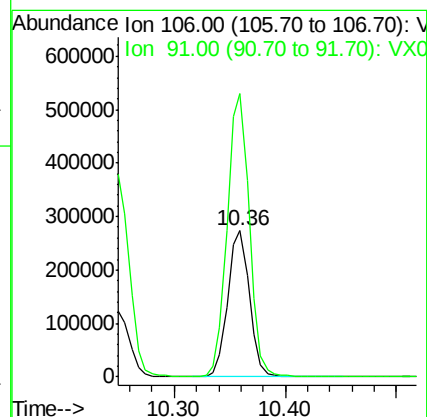
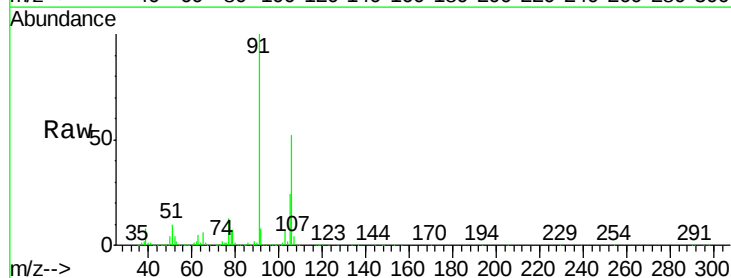
Acq: 17 Jan 2019 23:22

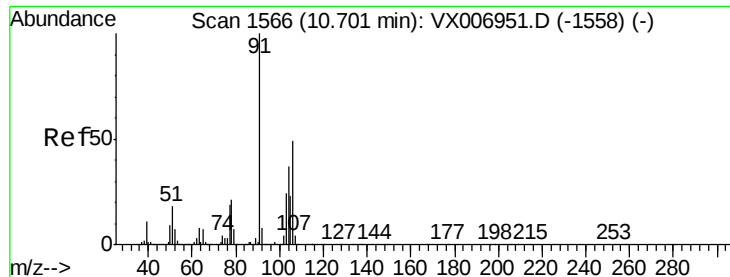
Tgt Ion: 106 Resp: 369327

Ion Ratio Lower Upper

106 100

91 196.3 155.8 233.6





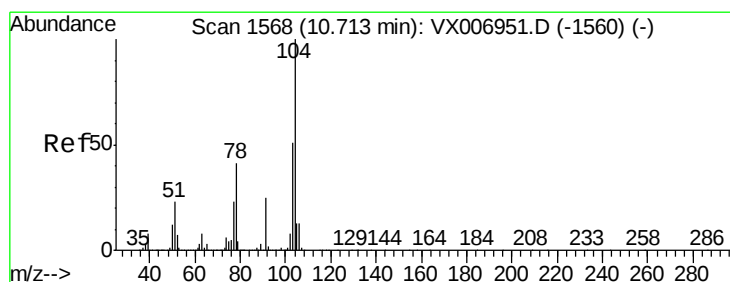
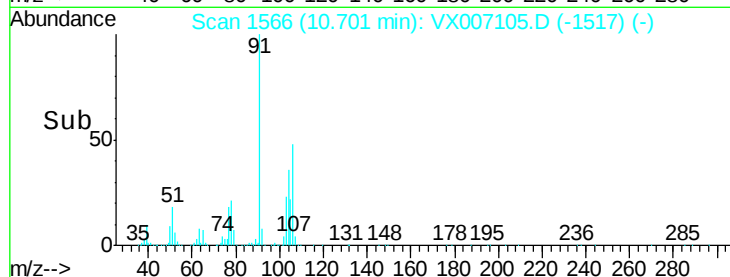
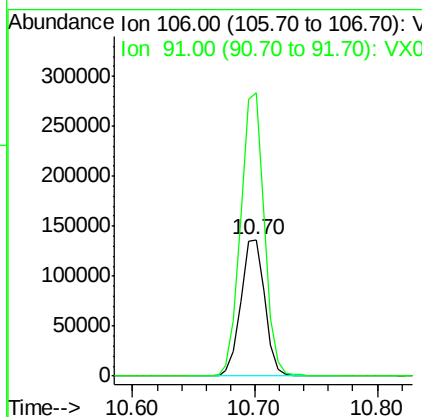
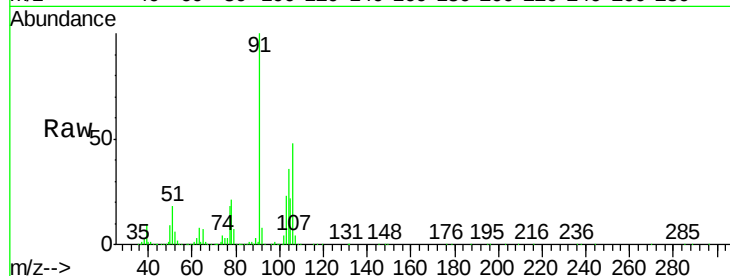
#69
o-Xylene
Concen: 19.668 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	203.5	101.3	303.7

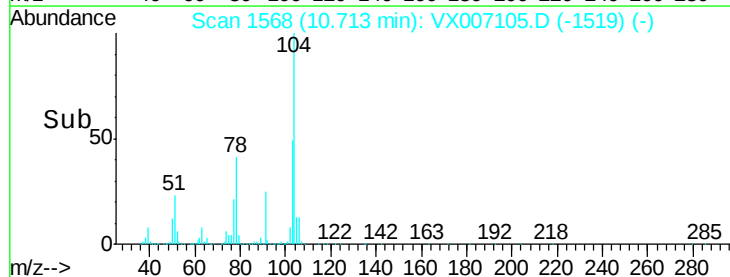
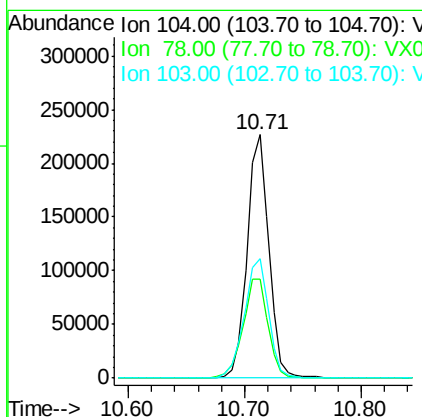
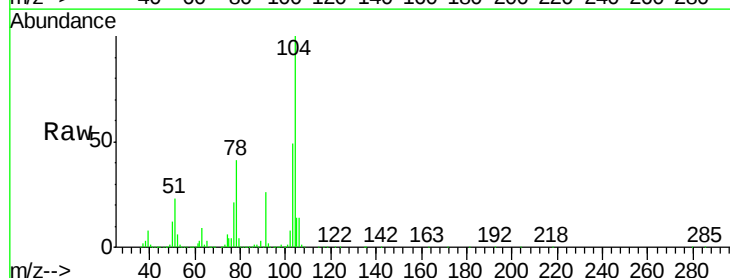
Manual Integrations
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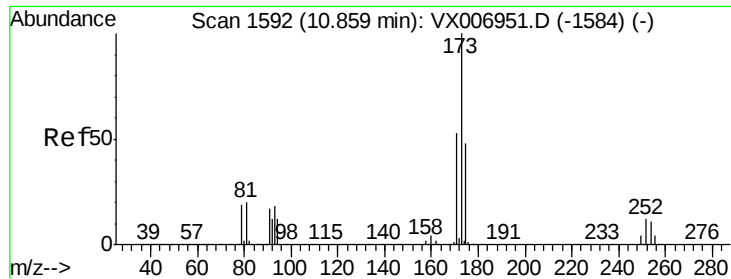
MMDadoda
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#70
Styrene
Concen: 19.857 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.1	37.7	56.5
103	55.0	43.8	65.8





#71

Bromoform

Concen: 19.485 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS02

Tot Ion:173 Resp: 72874

Ion Ratio Lower Upper

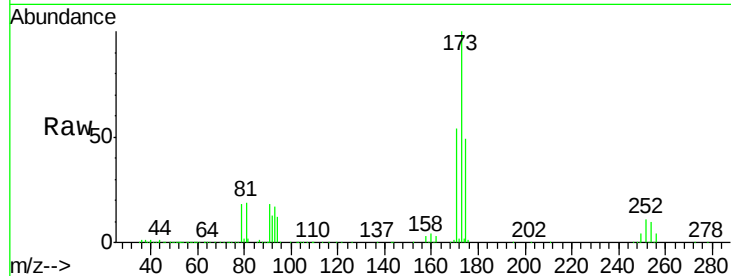
173 100

175 48.0 24.7 74.1

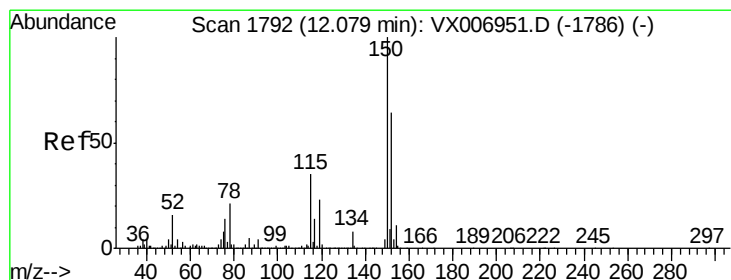
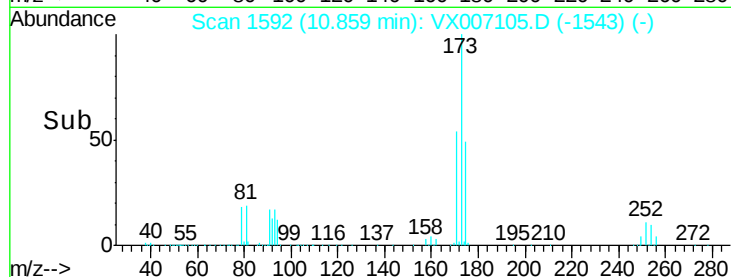
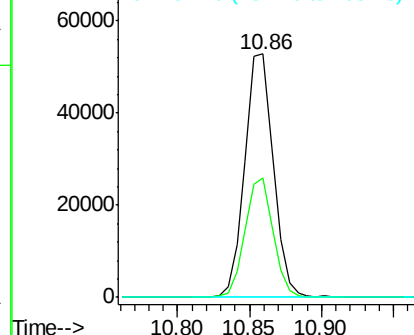
254 0.1 0.2 0.2#

Manual Integrations
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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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

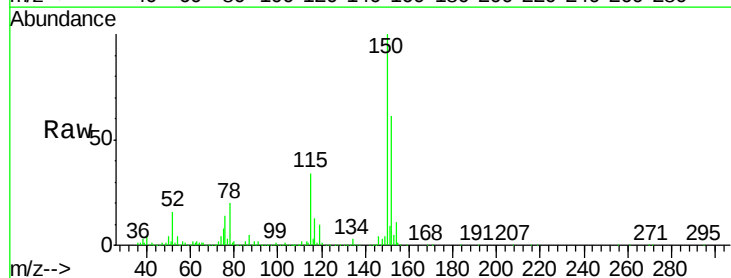
Tgt Ion:152 Resp: 334842

Ion Ratio Lower Upper

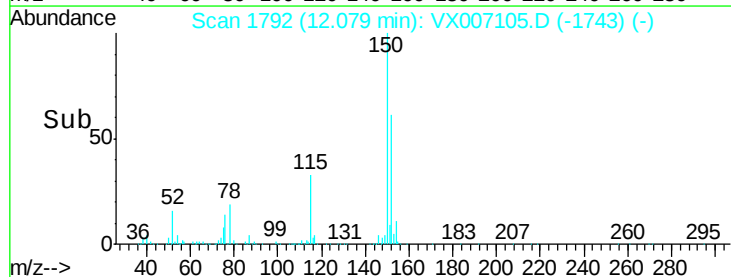
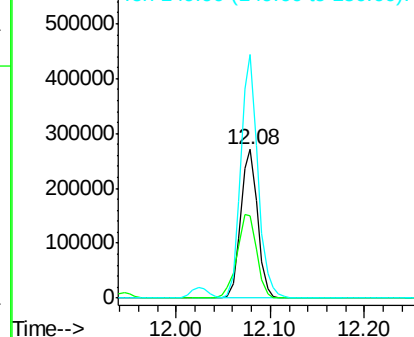
152 100

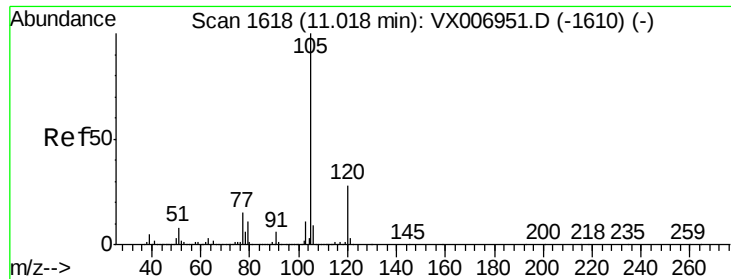
115 65.1 39.1 117.2

150 165.6 0.0 344.8



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: 20.797 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS02

Tot Ion: 105 Resp: 491031

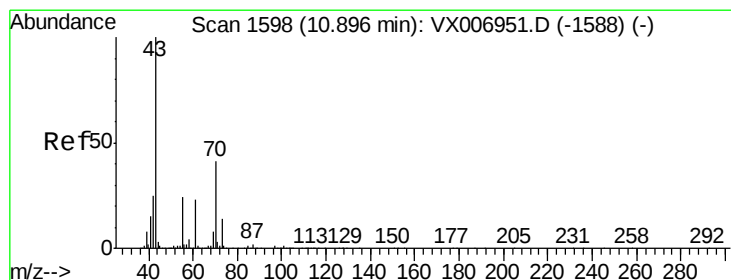
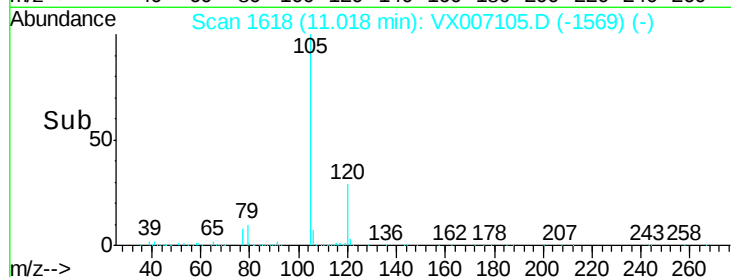
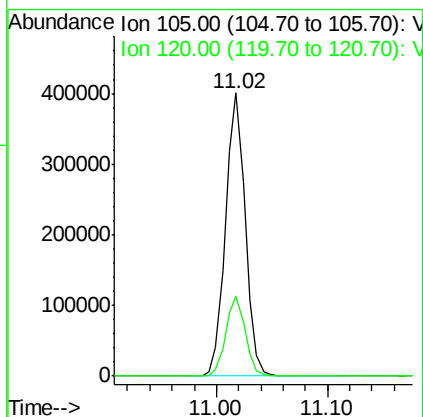
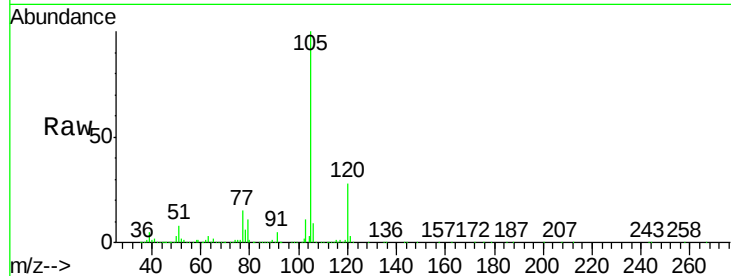
Ion Ratio Lower Upper

105 100

120 27.9 14.1 42.4

Manual Integrations
APPROVED

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#74

N-ethyl acetate

Concen: 20.940 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Tgt Ion: 43 Resp: 199058

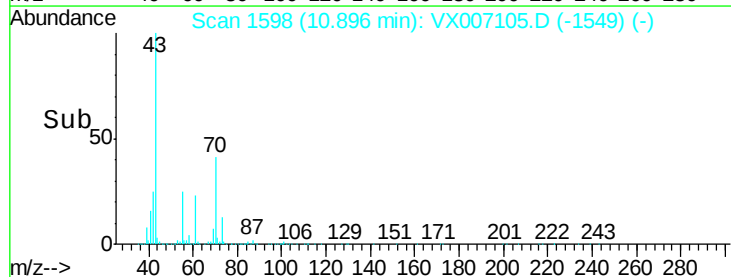
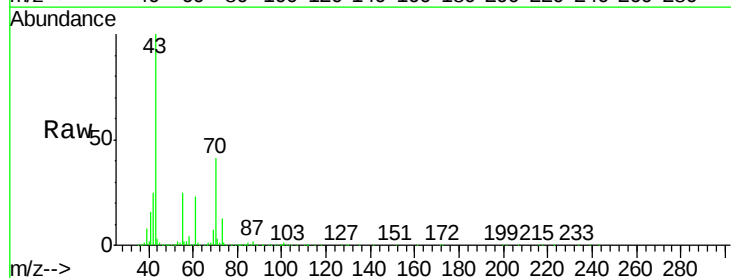
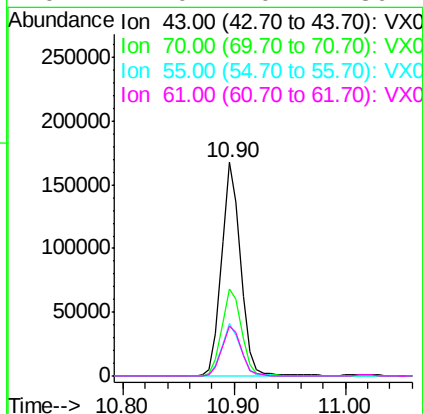
Ion Ratio Lower Upper

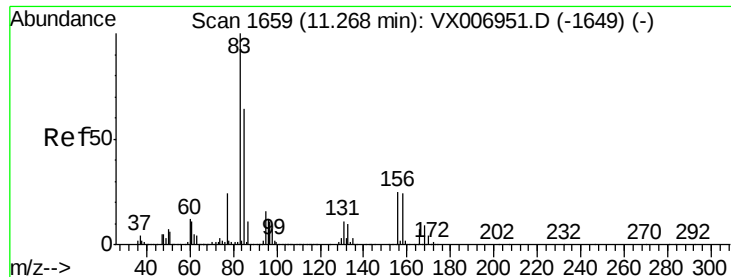
43 100

70 42.6 35.8 53.8

55 24.8 19.4 29.0

61 24.0 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.162 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS02

Tot Ion: 83 Resp: 158621
Ion Ratio Lower Upper

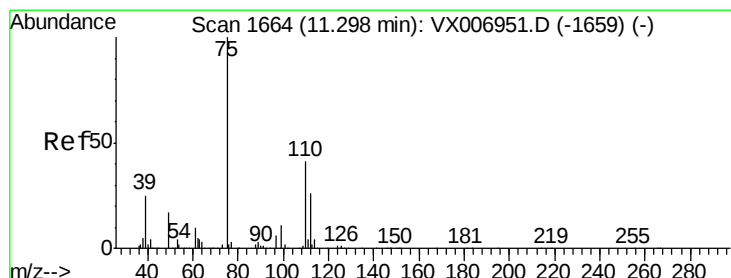
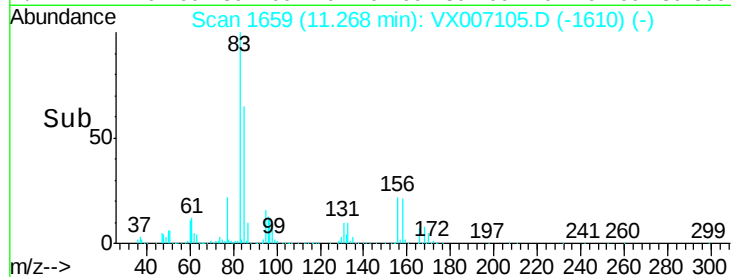
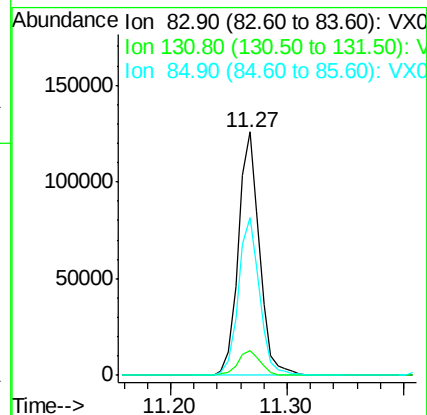
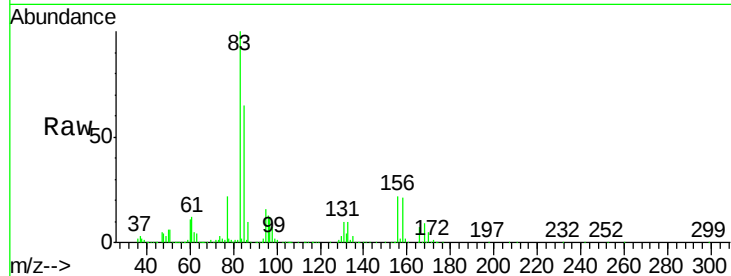
83 100

131 10.9 5.7 17.1

85 64.9 32.2 96.6

Manual Integrations
APPROVED

MMDadoda
1/18/2019 10:22:53 AM



#76

1,2,3-Trichloropropane

Concen: 21.347 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

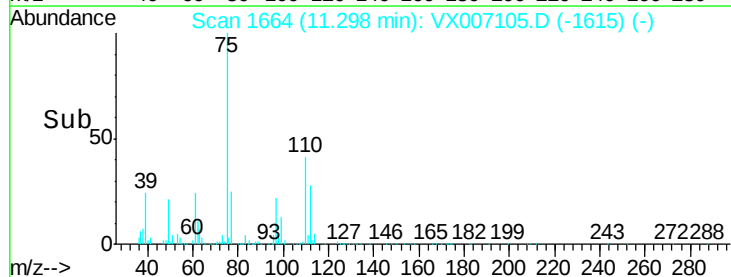
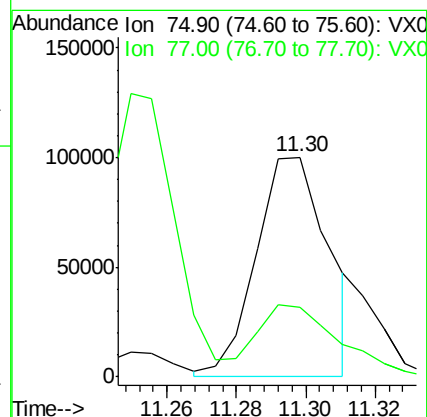
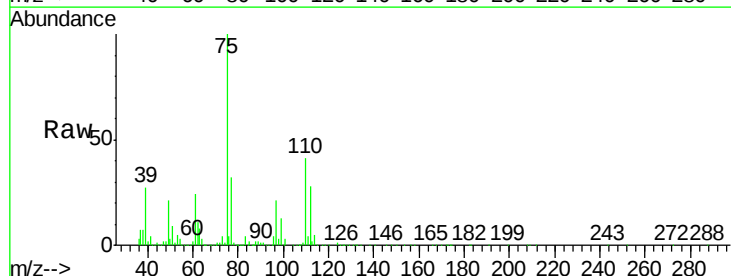
Lab File: VX007105.D

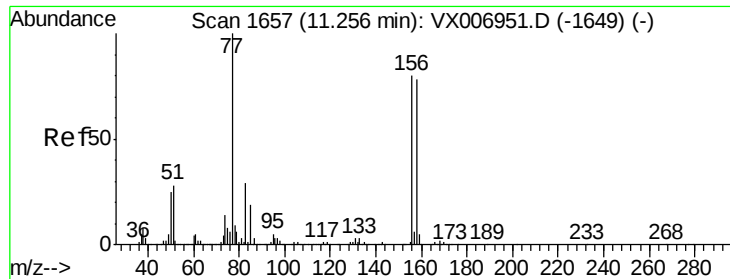
Acq: 17 Jan 2019 23:22

Tgt Ion: 75 Resp: 144851
Ion Ratio Lower Upper

75 100

77 38.4 18.5 55.5





#77

Bromobenzene

Concen: 20.472 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Instrument :

MSVOA_X

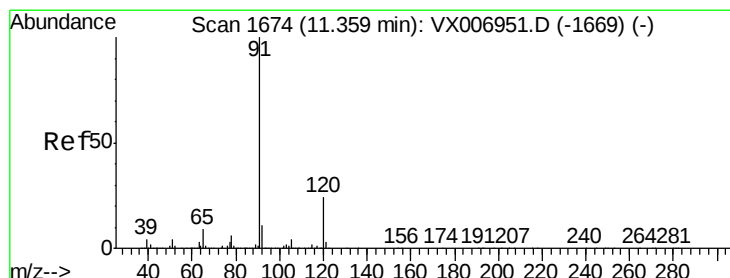
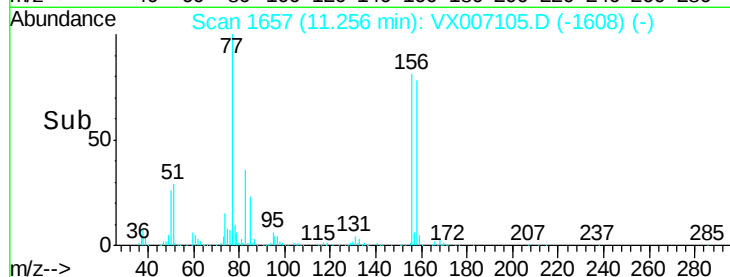
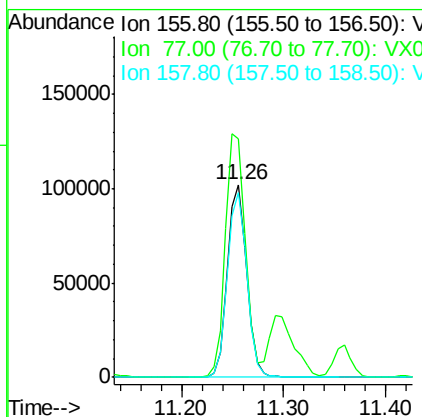
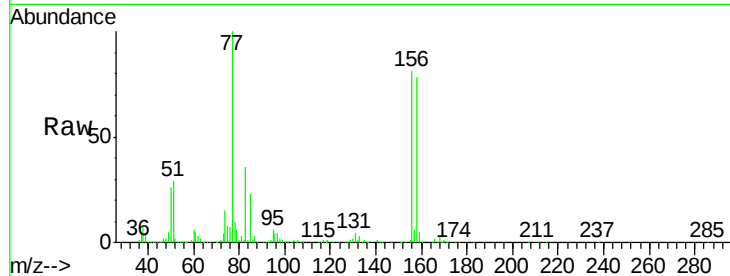
ClientSampleId :

VX0117WBS02

Tot Ion:	156	Resp:	133185
Ion Ratio	Lower	Upper	
156	100		
77	130.9	68.0	204.0
158	96.6	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 20.577 ug/l

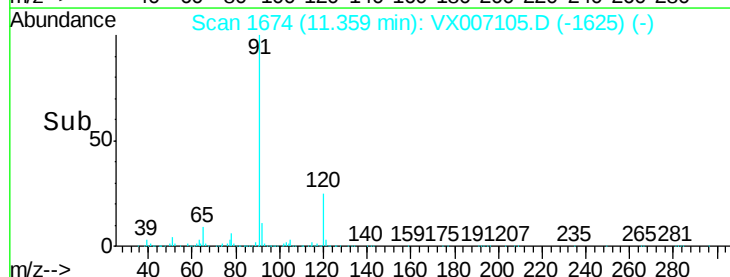
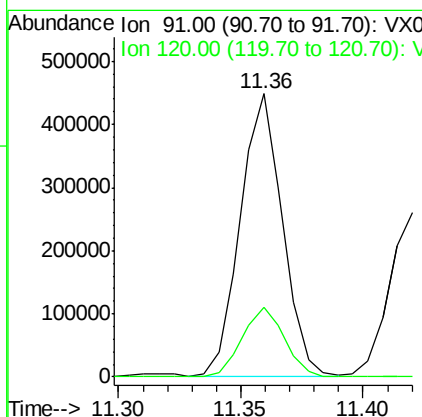
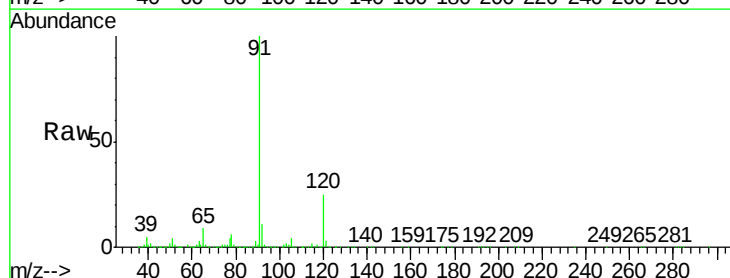
RT: 11.36 min Scan# 1674

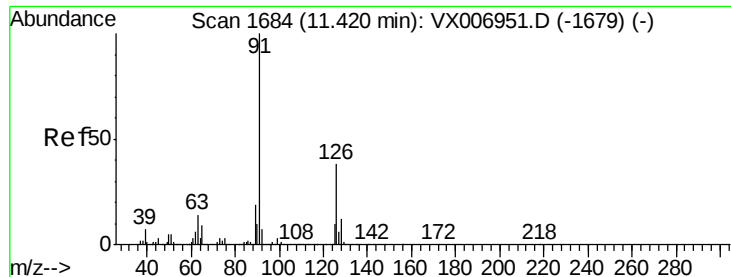
Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Tgt Ion:	91	Resp:	533364
Ion Ratio	Lower	Upper	
91	100		
120	24.8	12.7	38.0





#79

2-Chlorotoluene

Concen: 20.424 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Instrument :

MSVOA_X

ClientSampled :

VX0117WBS02

Tot Ion: 91 Resp: 318667

Ion Ratio Lower Upper

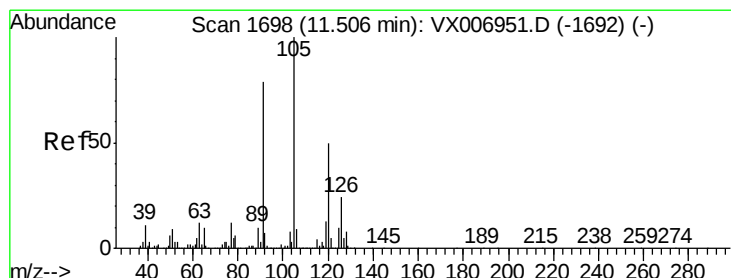
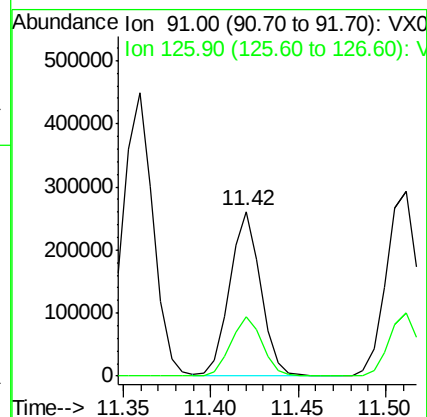
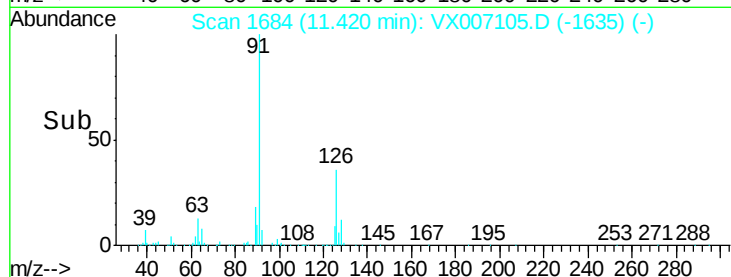
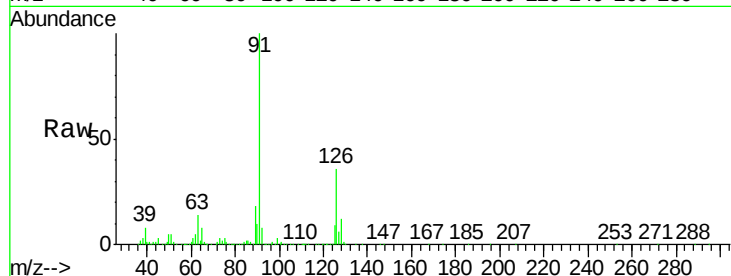
91 100

126 37.0 18.6 56.0

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 20.312 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007105.D

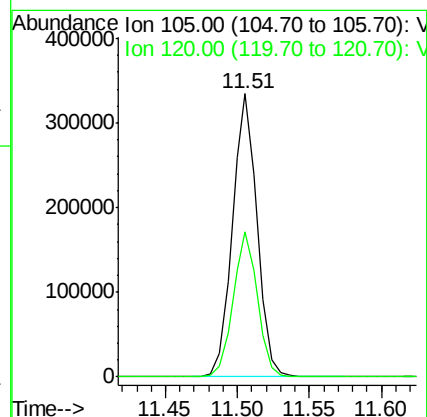
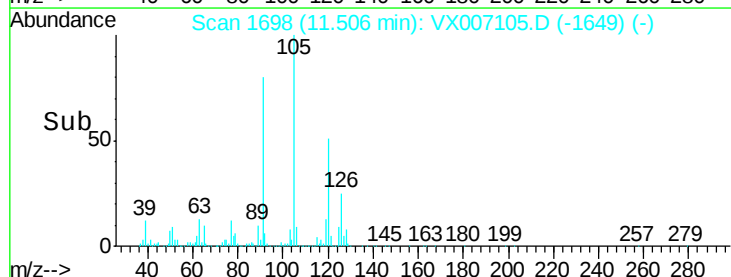
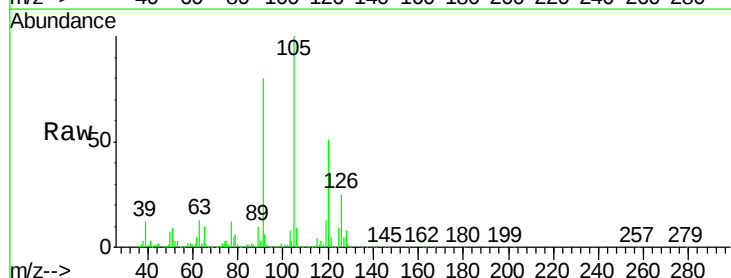
Acq: 17 Jan 2019 23:22

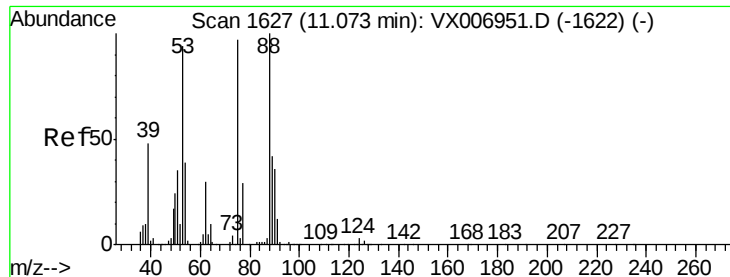
Tgt Ion: 105 Resp: 400739

Ion Ratio Lower Upper

105 100

120 50.5 25.1 75.3





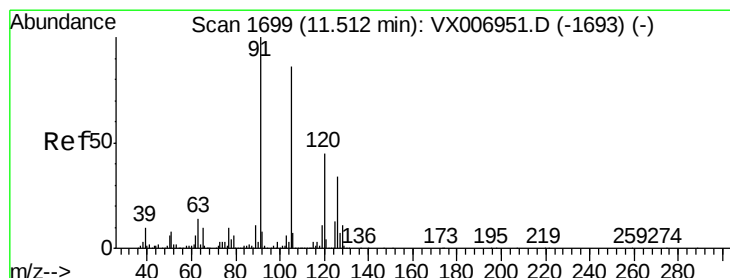
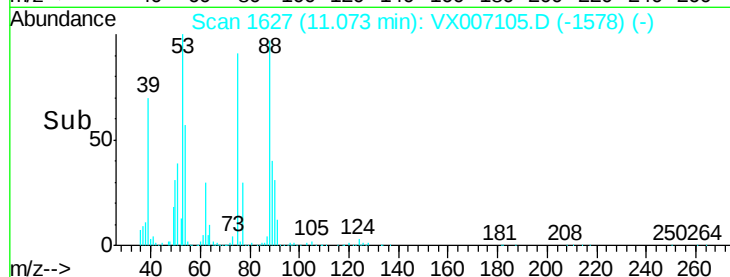
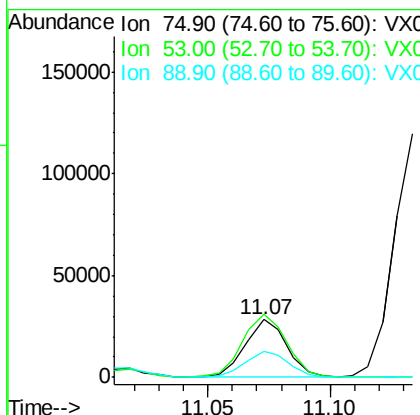
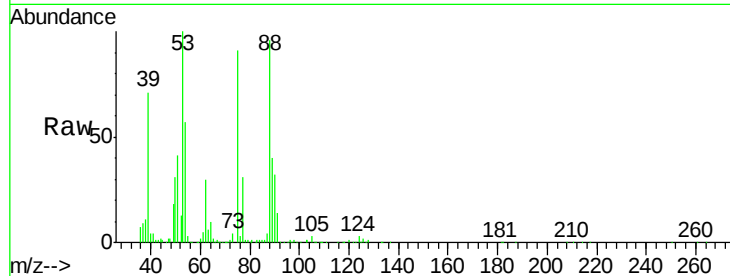
#81
trans-1,4-Dichloro-2-butene
Concen: 17.458 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	115.9	79.7	119.5
89	47.5	38.0	57.0

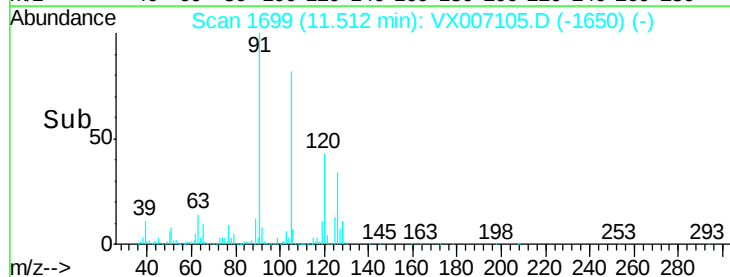
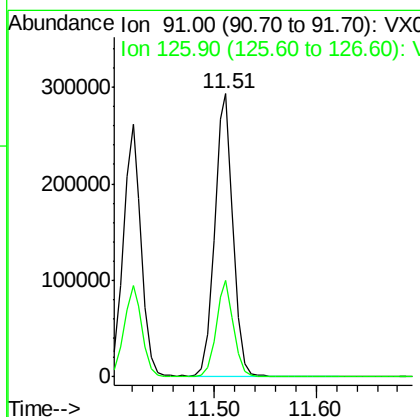
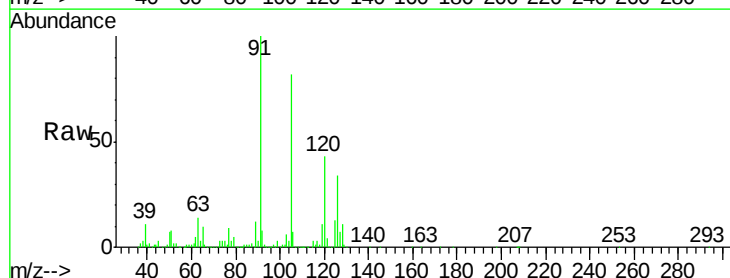
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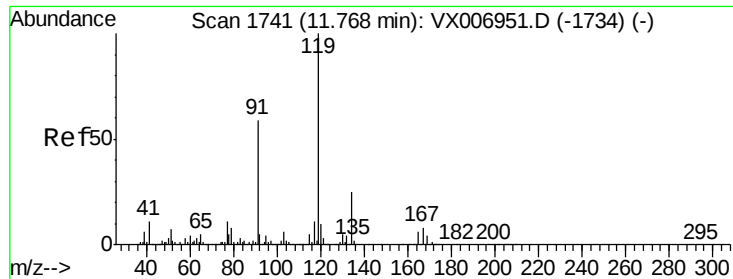
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#82
4-Chlorotoluene
Concen: 20.475 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.3	48.9





#83

tert-Butylbenzene

Concen: 20.243 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Instrument :

MSVOA_X

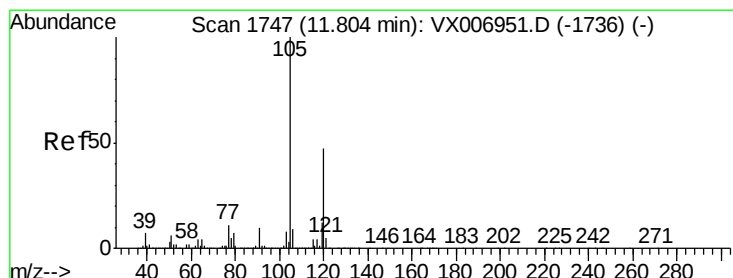
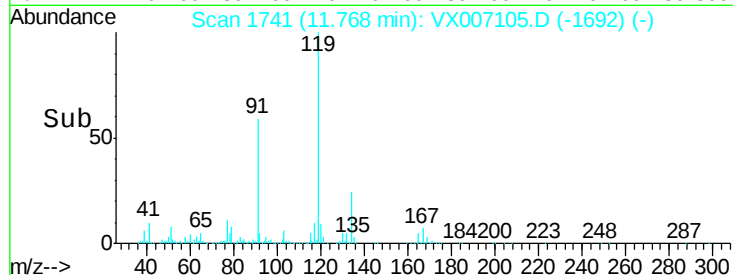
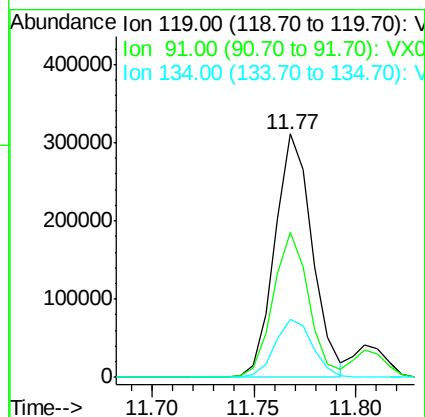
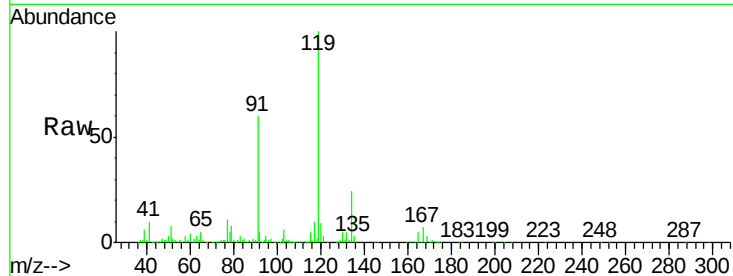
ClientSampleId :

VX0117WBS02

Tot Ion:	119	Resp:	398463
Ion Ratio	Lower	Upper	
119	100		
91	56.7	27.7	83.1
134	24.3	11.9	35.5

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#84

1,2,4-Trimethylbenzene

Concen: 20.610 ug/l

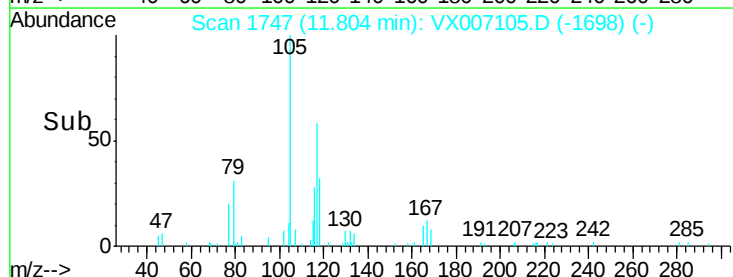
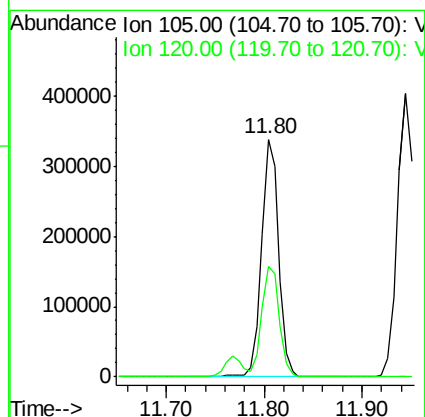
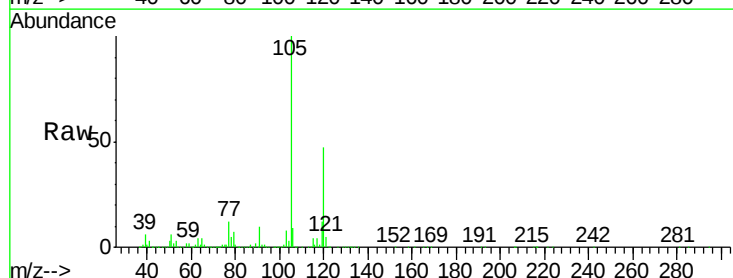
RT: 11.80 min Scan# 1747

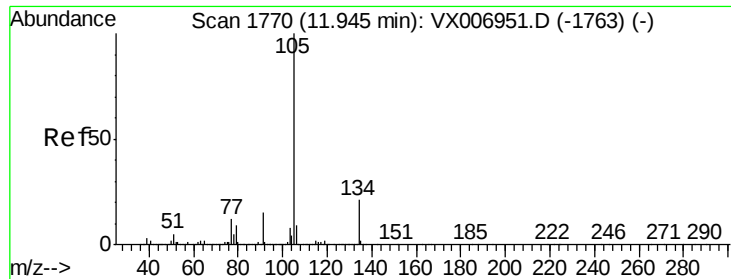
Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Tgt Ion:	105	Resp:	408878
Ion Ratio	Lower	Upper	
105	100		
120	47.6	23.2	69.6





#85

sec-Butylbenzene

Concen: 20.567 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS02

Tot Ion:105 Resp: 483501

Ion Ratio Lower Upper

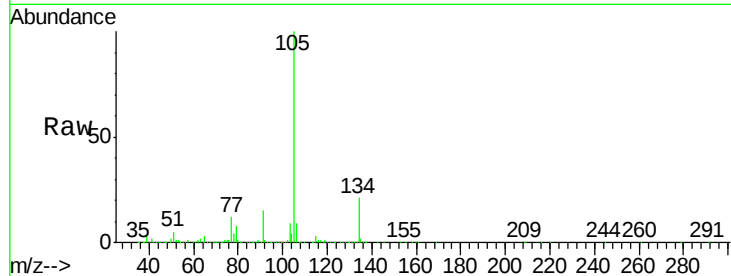
105 100

134 21.0 10.7 31.9

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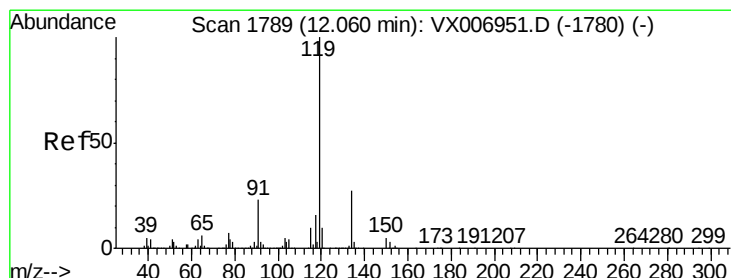
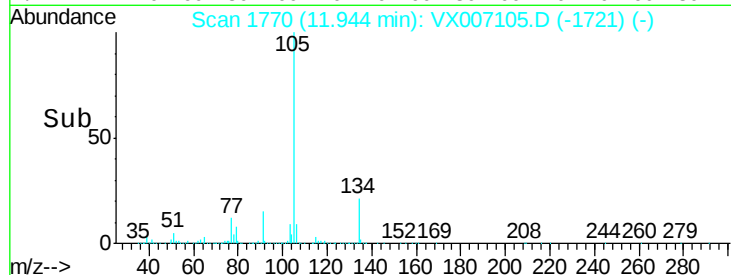
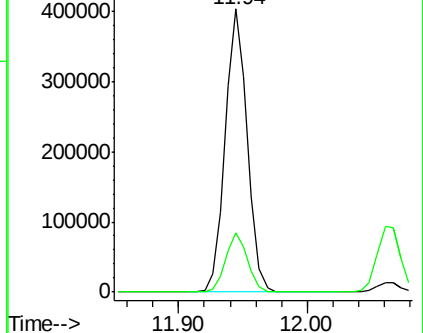
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.302 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

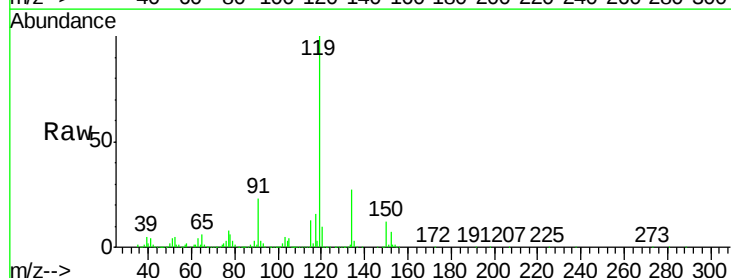
Tgt Ion:119 Resp: 426895

Ion Ratio Lower Upper

119 100

134 27.4 14.0 41.9

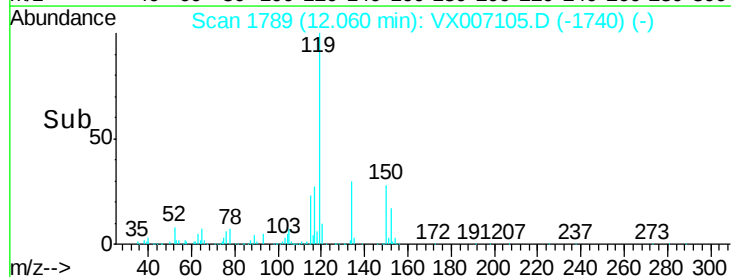
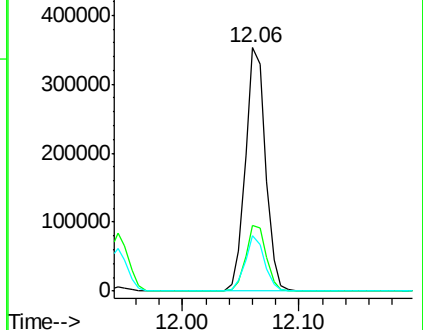
91 21.9 11.3 33.9

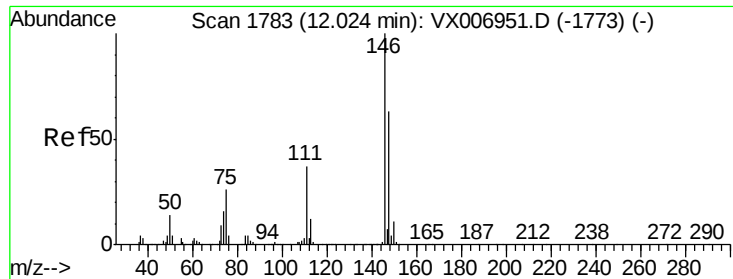


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





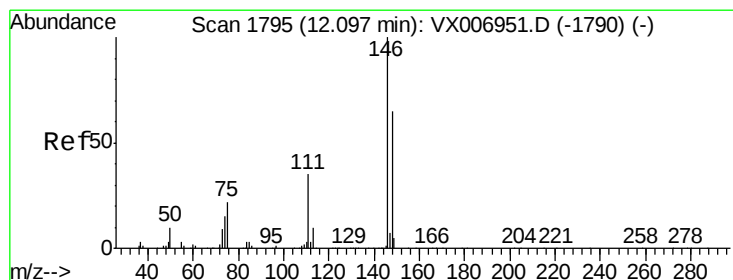
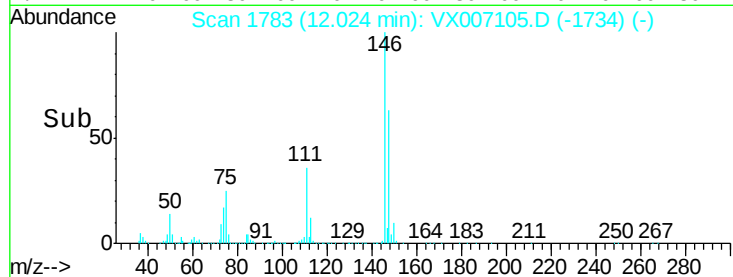
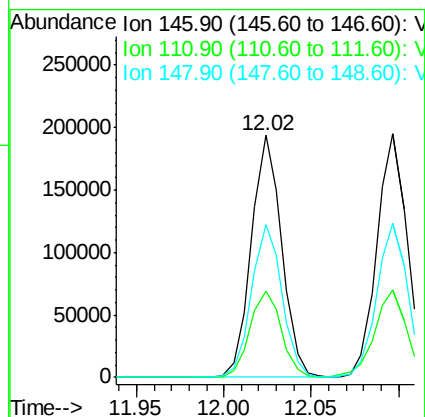
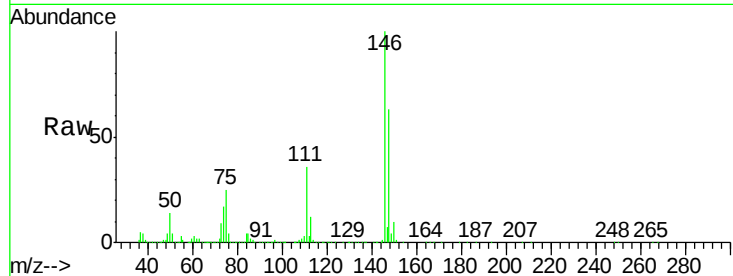
#87
 1,3-Dichlorobenzene
 Concen: 19.885 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007105.D
 Acq: 17 Jan 2019 23:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	55.8
148	63.7	31.8	95.3

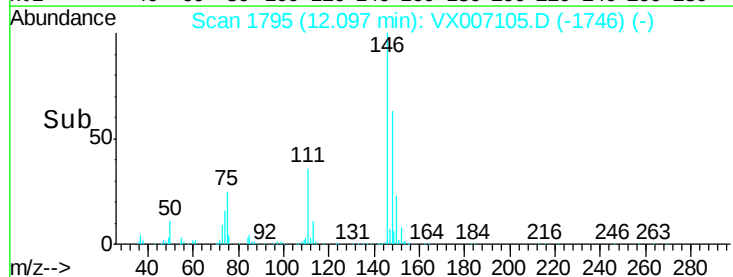
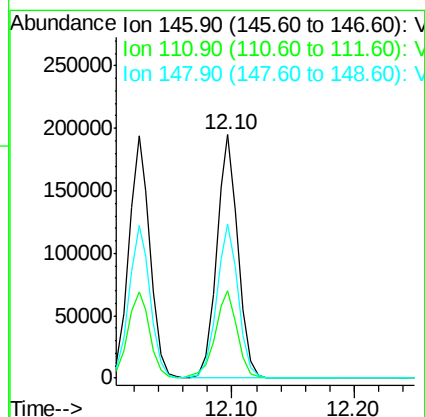
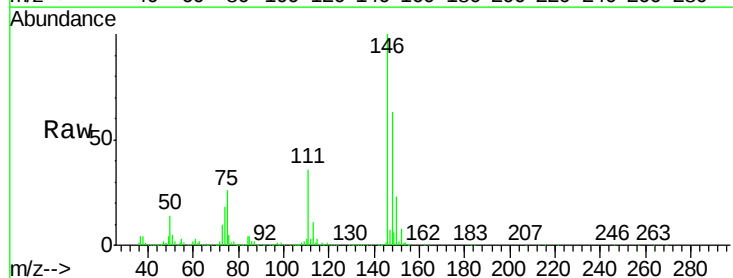
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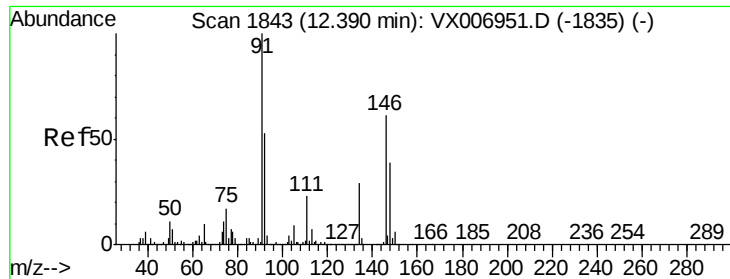
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#88
 1,4-Dichlorobenzene
 Concen: 21.191 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007105.D
 Acq: 17 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.1	54.1
148	64.6	31.9	95.9





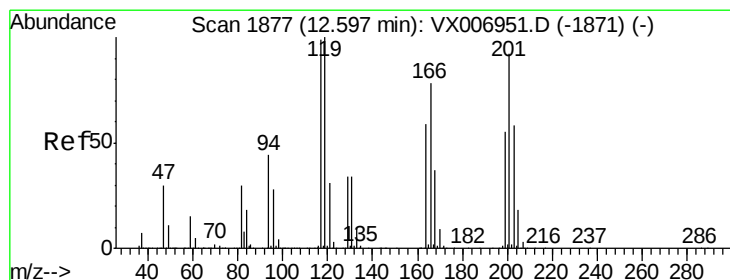
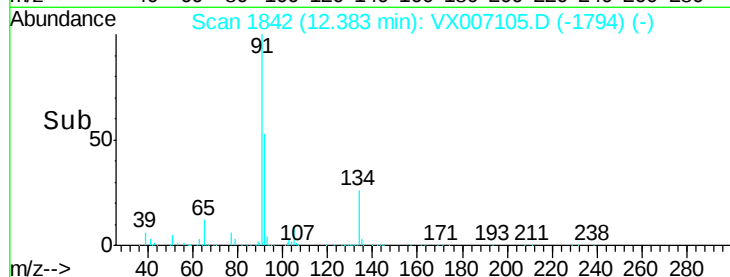
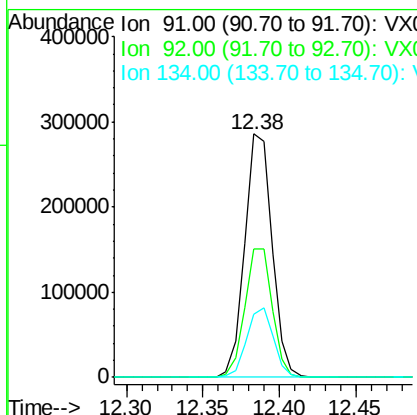
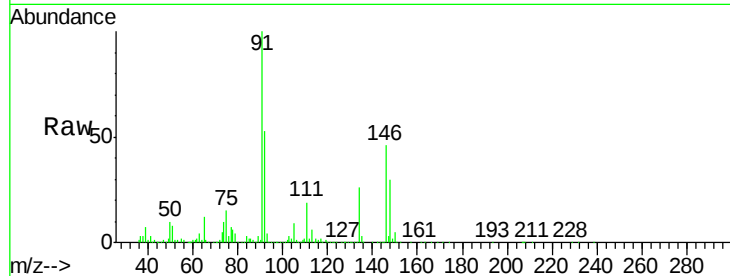
#89
n-Butylbenzene
Concen: 19.778 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.8	80.4
134	28.0	14.4	43.2

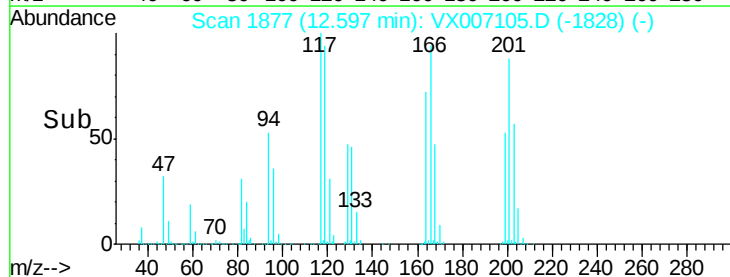
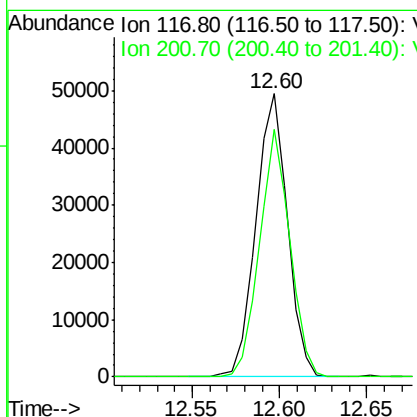
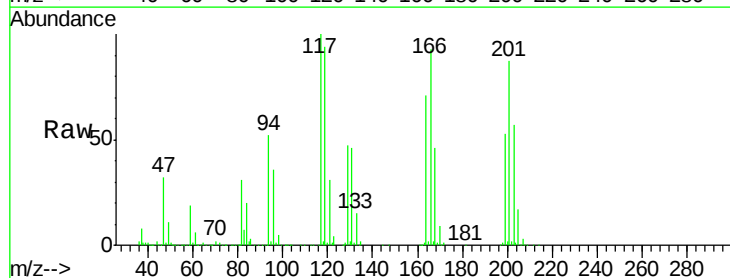
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#90
Hexachloroethane
Concen: 20.297 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.1	42.9	128.7





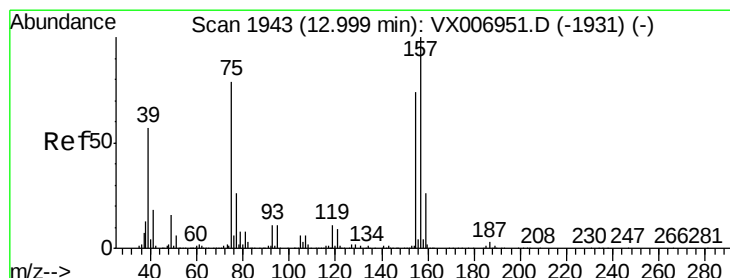
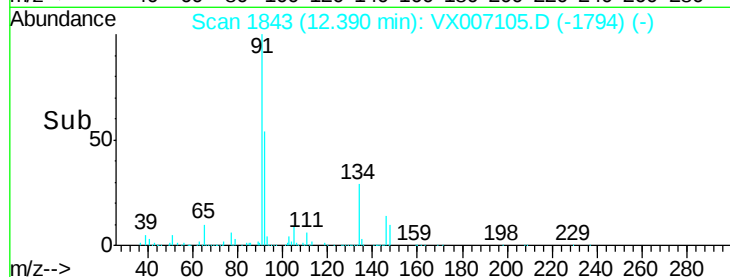
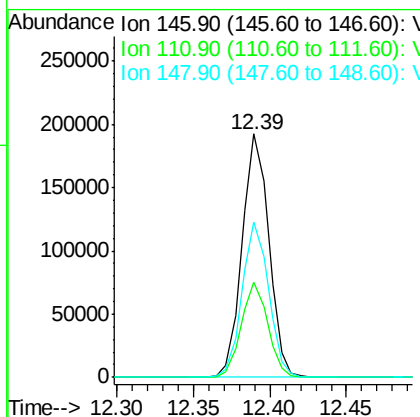
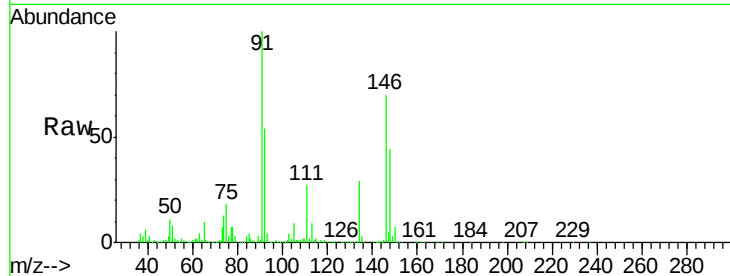
#91
 1,2-Dichlorobenzene
 Concen: 20.098 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007105.D
 Acq: 17 Jan 2019 23:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.2
148	63.5	32.3	96.9

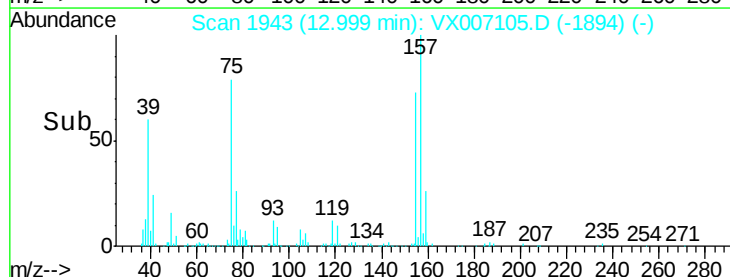
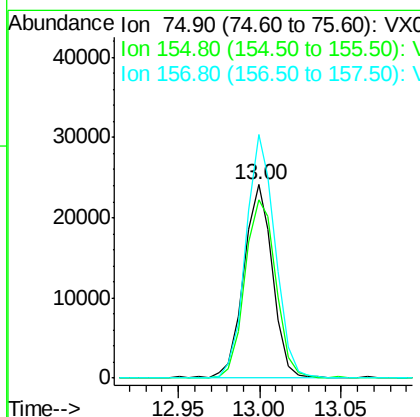
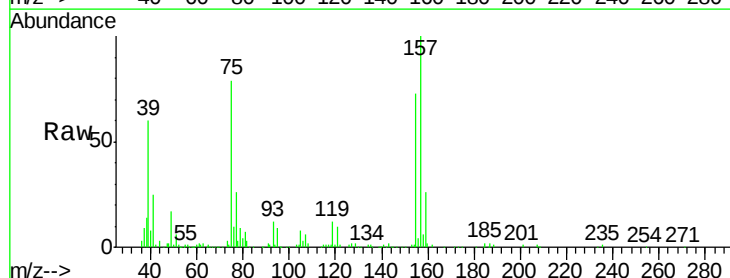
Manual Integrations
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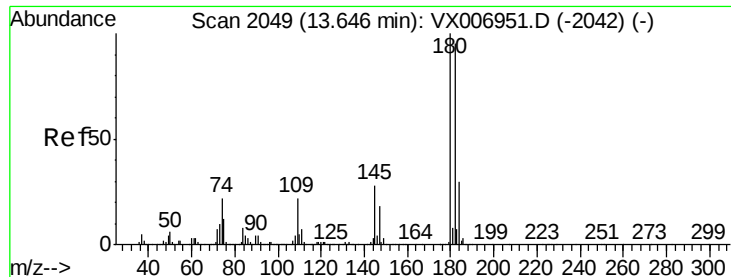
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.075 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007105.D
 Acq: 17 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.5	50.6	151.8
157	127.8	64.6	193.8





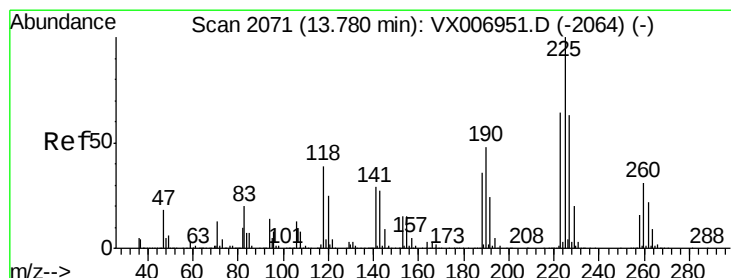
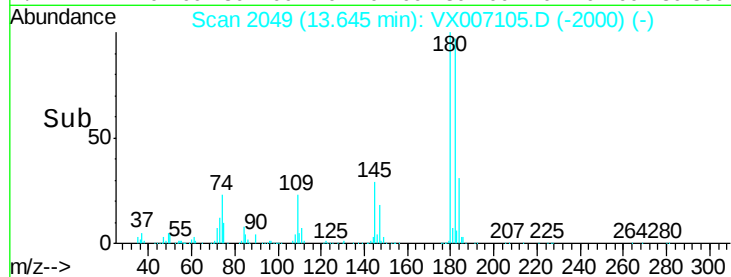
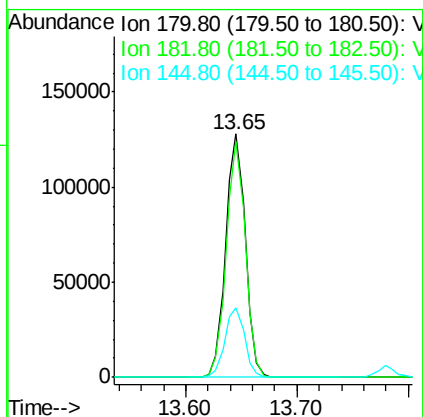
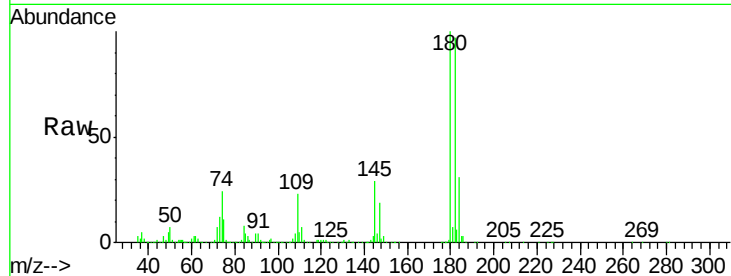
#93
1,2,4-Trichlorobenzene
Concen: 19.634 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	156316		
182	94.7	47.3	142.0	
145	28.5	14.8	44.3	

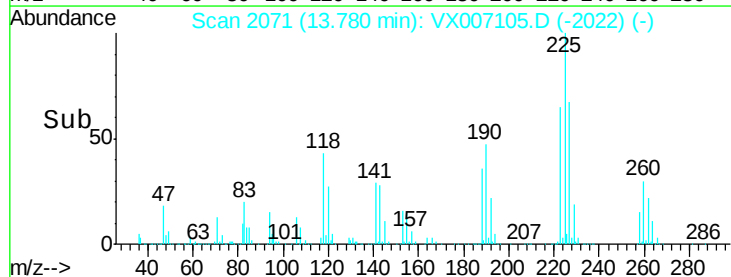
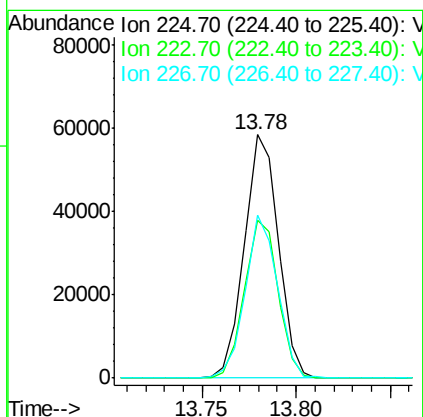
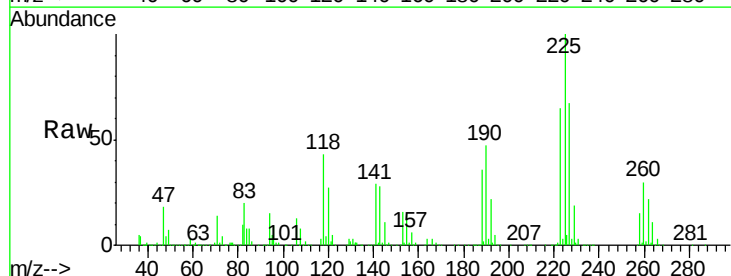
Manual Integrations
APPROVED

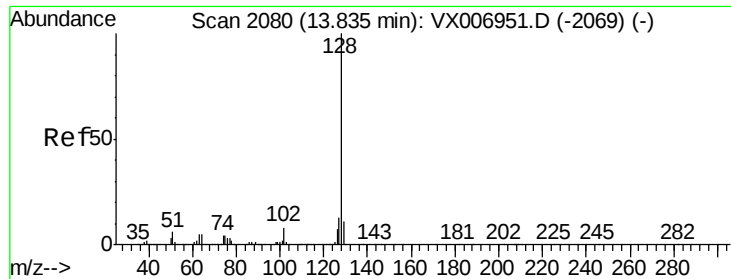
MMDadoda
1/18/2019 10:22:53 AM



#94
Hexachlorobutadiene
Concen: 20.760 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX007105.D
Acq: 17 Jan 2019 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	73344		
223	64.4	32.1	96.3	
227	63.7	32.3	96.8	





#95

Naphthalene

Concen: 20.245 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Instrument :

MSVOA_X

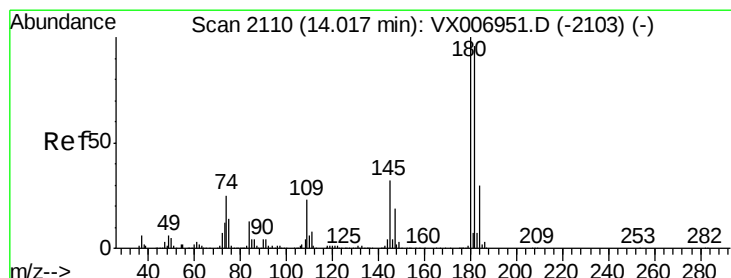
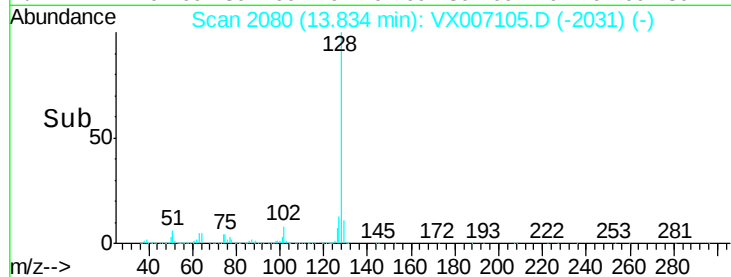
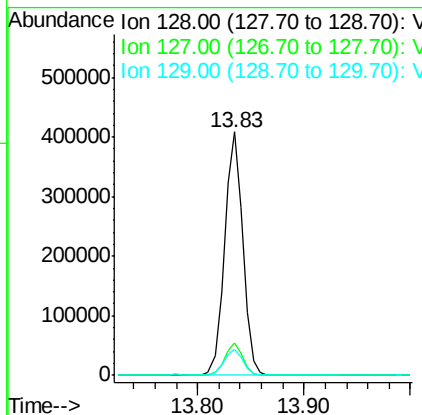
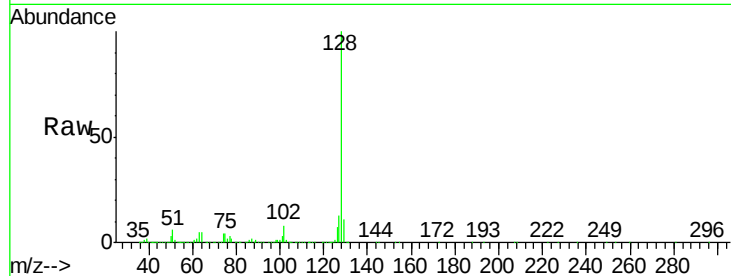
ClientSampled :

VX0117WBS02

Tot Ion:	128	Resp:	488397
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.1	15.1
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
1/18/2019 10:22:53 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.070 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007105.D

Acq: 17 Jan 2019 23:22

Tgt Ion:	180	Resp:	158731
Ion Ratio	Lower	Upper	
180	100		
182	94.9	48.5	145.5
145	30.4	16.0	47.9

