

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011419\
 Data File : VX007039.D
 Acq On : 14 Jan 2019 15:09
 Operator : JC/SP
 Sample : K1133-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190109MS

Manual Integrations
 APPROVED

MMDadoda
 1/15/2019 11:13:26 AM

Quant Time: Jan 15 00:21:15 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	505624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	759495	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	716025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	370239	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	269325	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
35) Dibromofluoromethane	5.50	113	244293	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	8.71	98	904829	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
62) 4-Bromofluorobenzene	11.13	95	328614	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	218287	52.572	ug/l	98
3) Chloromethane	1.33	50	247666	51.238	ug/l	100
4) Vinyl Chloride	1.41	62	515315	99.107	ug/l	98
5) Bromomethane	1.64	94	259461	46.706	ug/l	97
6) Chloroethane	1.72	64	170568	46.981	ug/l	98
7) Trichlorofluoromethane	1.93	101	409708	48.767	ug/l	99
8) Diethyl Ether	2.19	74	161899	48.438	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	237413	47.201	ug/l	99
10) Methyl Iodide	2.51	142	388872	57.315	ug/l	100
11) Tert butyl alcohol	3.07	59	297361	238.555	ug/l	98
12) 1,1-Dichloroethene	2.37	96	224285	48.264	ug/l	95
13) Acrolein	2.29	56	128141	238.502	ug/l	98
14) Allyl chloride	2.73	41	398503	50.037	ug/l	99
15) Acrylonitrile	3.15	53	731640	255.681	ug/l	99
16) Acetone	2.45	43	613637	234.899	ug/l	99
17) Carbon Disulfide	2.57	76	558562	46.686	ug/l	100
18) Methyl Acetate	2.78	43	382339	50.539	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	813299	50.423	ug/l	99
20) Methylene Chloride	2.86	84	261622	52.684	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	249239	48.128	ug/l	99
22) Diisopropyl ether	3.87	45	743866	49.682	ug/l	95
23) Vinyl Acetate	3.82	43	3156778	250.008	ug/l	99
24) 1,1-Dichloroethane	3.70	63	427657	51.081	ug/l	99
25) 2-Butanone	4.70	43	941769	251.953	ug/l	100
26) 2,2-Dichloropropane	4.59	77	297778	46.254	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	463562	81.153	ug/l	98
28) Bromochloromethane	5.02	49	178771	48.737	ug/l	97
29) Tetrahydrofuran	5.15	42	614817	253.099	ug/l	97
30) Chloroform	5.21	83	437825	49.948	ug/l	97
31) Cyclohexane	5.58	56	359602	48.259	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	372120	50.085	ug/l	98
36) 1,1-Dichloropropene	5.80	75	314620	47.647	ug/l	99
37) Ethyl Acetate	4.85	43	354189	50.032	ug/l	98
38) Carbon Tetrachloride	5.78	117	323397	48.678	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	384029	45.620	ug/l	96
40) Benzene	6.15	78	1033132	51.276	ug/l	99
41) Methacrylonitrile	5.06	41	195360	47.904	ug/l	99
42) 1,2-Dichloroethane	6.20	62	342047	49.127	ug/l	99
43) Isopropyl Acetate	6.46	43	565355	50.630	ug/l	98
44) Trichloroethene	7.21	130	284279	47.084	ug/l	95
45) 1,2-Dichloropropane	7.51	63	249774	49.310	ug/l	94
46) Dibromomethane	7.66	93	178720	50.203	ug/l	99
47) Bromodichloromethane	7.90	83	313643	51.760	ug/l	96
48) Methyl methacrylate	7.77	41	293215	51.132	ug/l	98
49) 1,4-Dioxane	7.75	88	115993	884.747	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1920471	267.614	ug/l	99
52) Toluene	8.79	92	640999	49.498	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	348964	51.935	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	373698	50.361	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	271609	52.400	ug/l	99
56) Ethyl methacrylate	9.18	69	404228	53.419	ug/l	96
57) 1,3-Dichloropropane	9.37	76	426022	50.168	ug/l	100
59) 2-Hexanone	9.49	43	1441830	263.650	ug/l	99
60) Dibromochloromethane	9.59	129	277889	55.211	ug/l	99
61) 1,2-Dibromoethane	9.67	107	291173	51.026	ug/l	100
64) Tetrachloroethene	9.34	164	279027	45.011	ug/l	95
65) Chlorobenzene	10.14	112	2722026	174.300	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	266565	50.740	ug/l	99
67) Ethyl Benzene	10.25	91	1226419	47.570	ug/l	98
68) m/p-Xylenes	10.36	106	978754	96.357	ug/l	100
69) o-Xylene	10.70	106	481397	48.596	ug/l	98
70) Styrene	10.71	104	783860	49.962	ug/l	100
71) Bromoform	10.86	173	213890	45.932	ug/l	100
73) Isopropylbenzene	11.02	105	1261766	48.331	ug/l	99
74) N-amyl acetate	10.90	43	532660	50.675	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	402638	48.580	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	380529m	50.719	ug/l	
77) Bromobenzene	11.26	156	346331	48.145	ug/l	99
78) n-propylbenzene	11.36	91	1413723	49.327	ug/l	99
79) 2-Chlorotoluene	11.42	91	835593	48.434	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1039926	47.671	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	110128	44.729	ug/l	98
82) 4-Chlorotoluene	11.51	91	966815	48.401	ug/l	99
83) tert-Butylbenzene	11.77	119	1073530	49.324	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1061651	48.397	ug/l	100
85) sec-Butylbenzene	11.94	105	1258054	48.399	ug/l	100
86) p-Isopropyltoluene	12.06	119	1130687	48.631	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	665617	51.193	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	739093	59.966	ug/l	100
89) n-Butylbenzene	12.39	91	969014	48.891	ug/l	98
90) Hexachloroethane	12.60	117	178719	48.257	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	716850	55.868	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	83247	50.786	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	416482	47.311	ug/l	98

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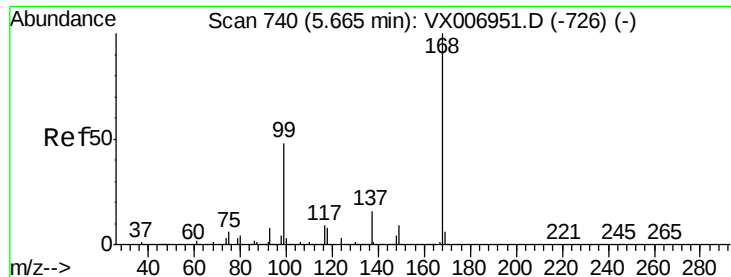
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	190656	48.805	ug/l	99
95) Naphthalene	13.83	128	1308315	49.046	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	413264	47.258	ug/l	99

(#) = 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: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

Tot Ion:168 Resp: 505624

Ion Ratio Lower Upper

168 100

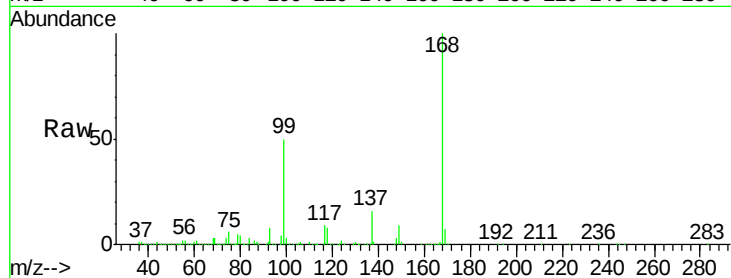
99 49.6 41.8 62.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

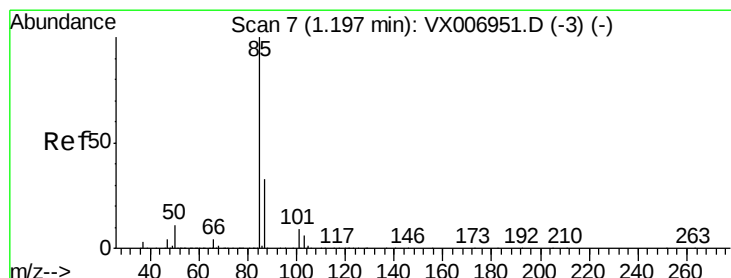
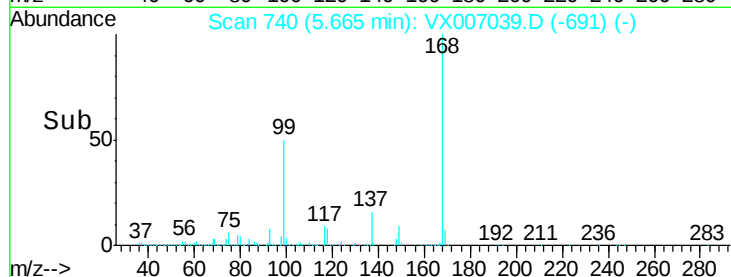
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.572 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007039.D

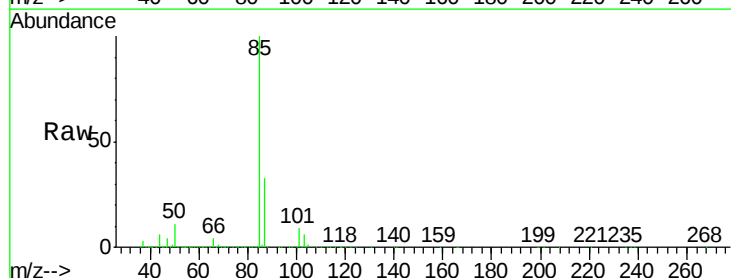
Acq: 14 Jan 2019 15:09

Tgt Ion: 85 Resp: 218287

Ion Ratio Lower Upper

85 100

87 32.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

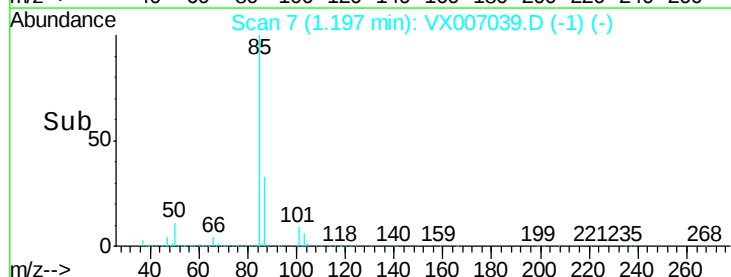
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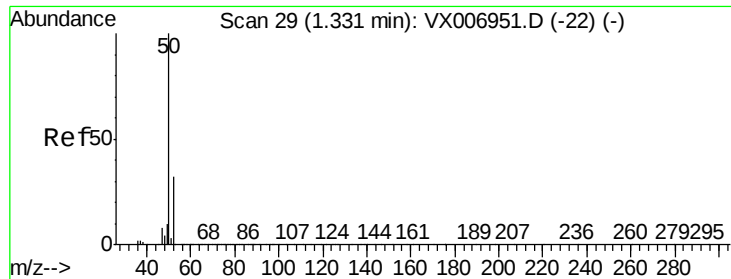
100000

50000

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Time-->





#3

Chloromethane

Concen: 51.238 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

Tot Ion: 50 Resp: 247666

Ion Ratio Lower Upper

50 100

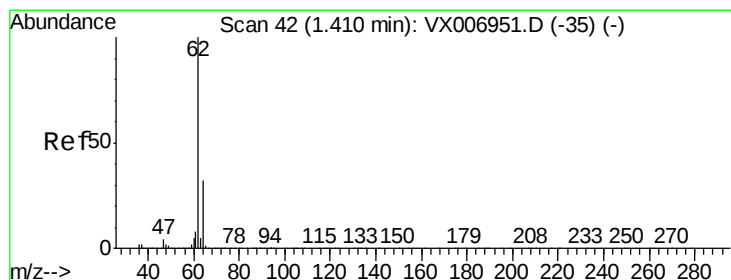
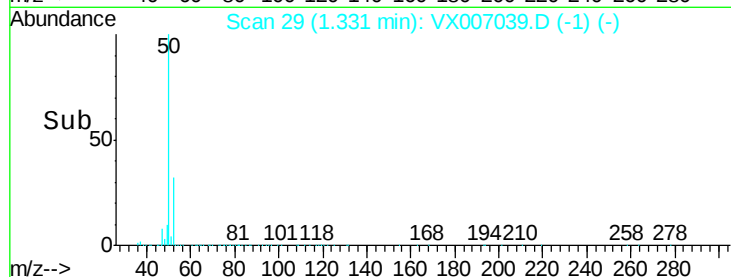
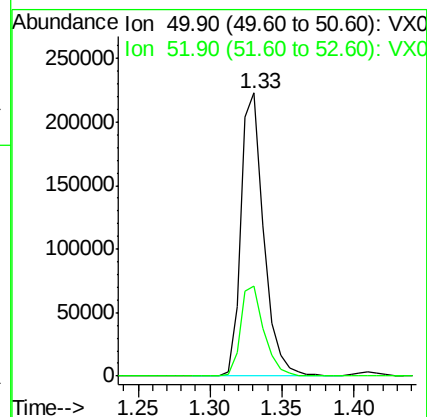
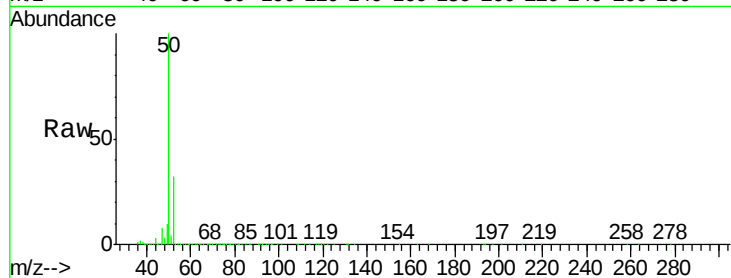
52 31.7 25.4 38.2

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#4

Vinyl Chloride

Concen: 99.107 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007039.D

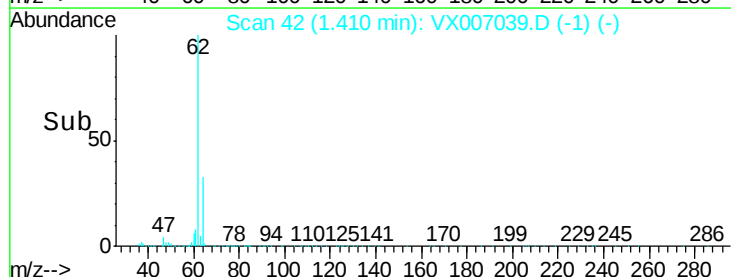
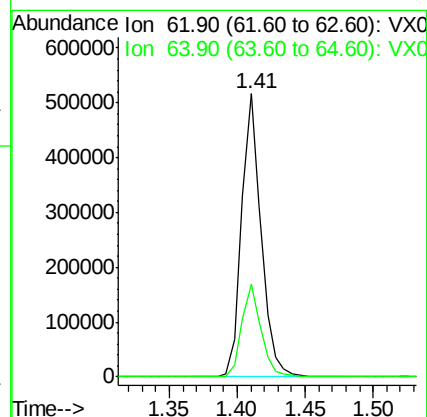
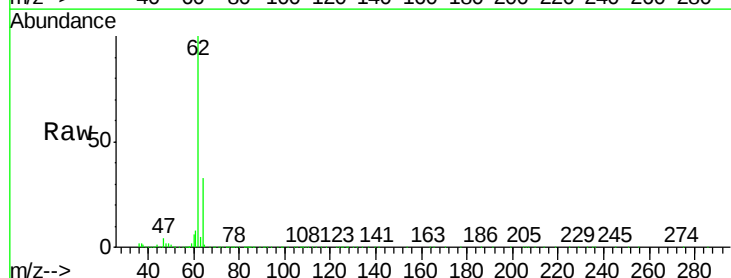
Acq: 14 Jan 2019 15:09

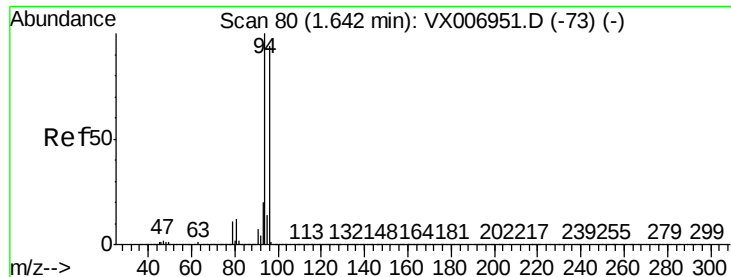
Tgt Ion: 62 Resp: 515315

Ion Ratio Lower Upper

62 100

64 32.7 25.1 37.7





#5

Bromomethane

Concen: 46.706 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

Tot Ion: 94 Resp: 259461

Ion Ratio Lower Upper

94 100

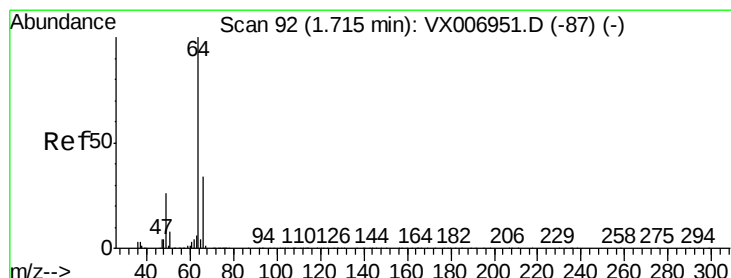
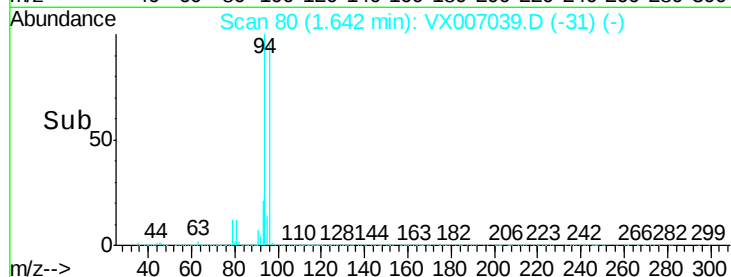
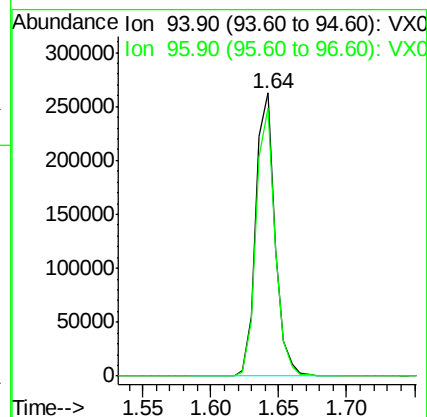
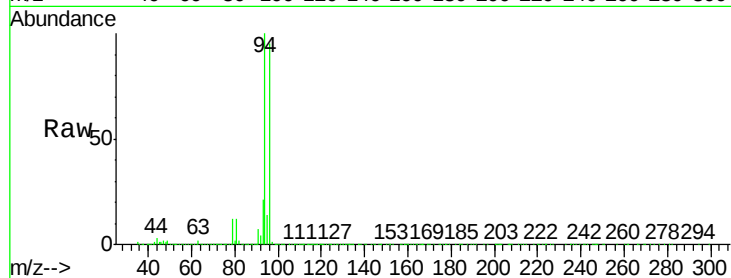
96 94.8 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 46.981 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007039.D

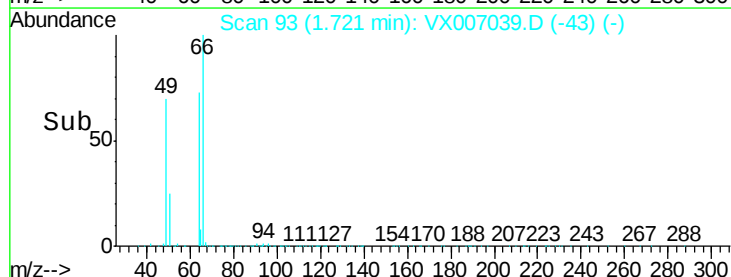
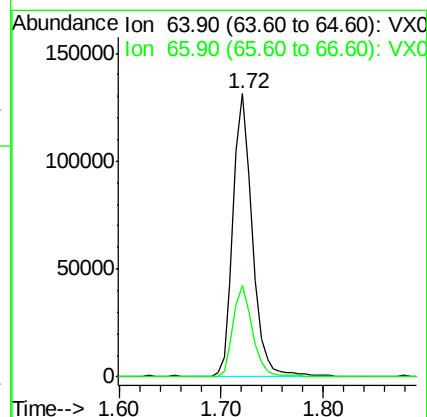
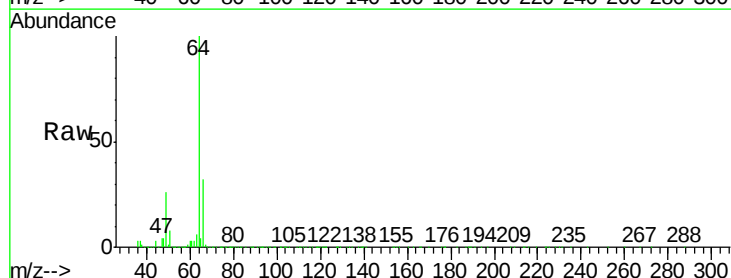
Acq: 14 Jan 2019 15:09

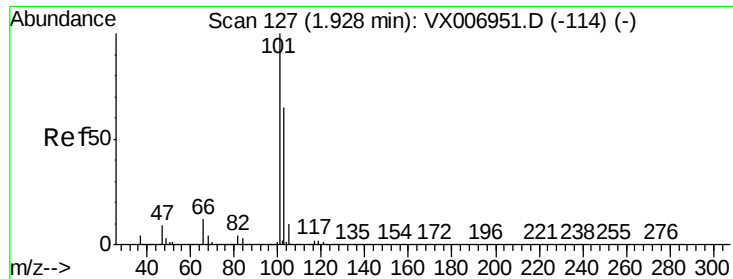
Tgt Ion: 64 Resp: 170568

Ion Ratio Lower Upper

64 100

66 32.1 26.4 39.6





#7

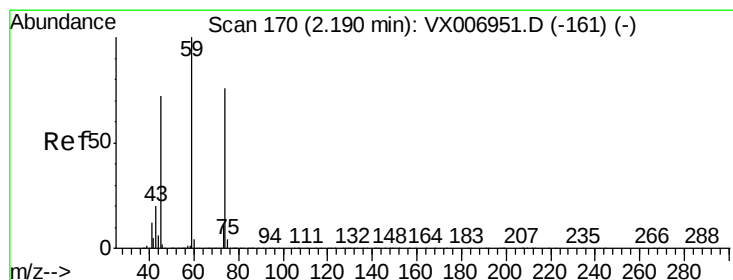
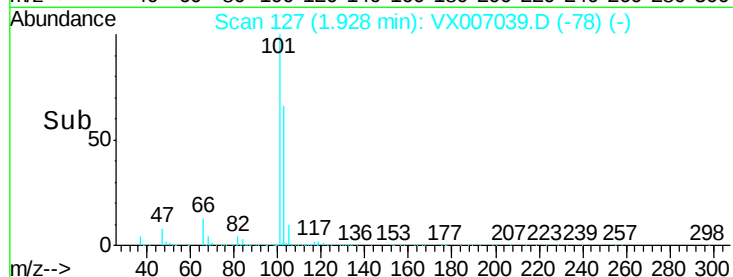
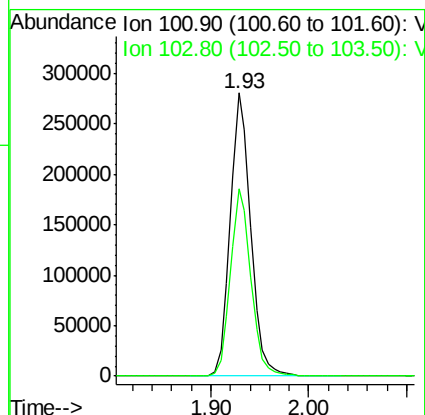
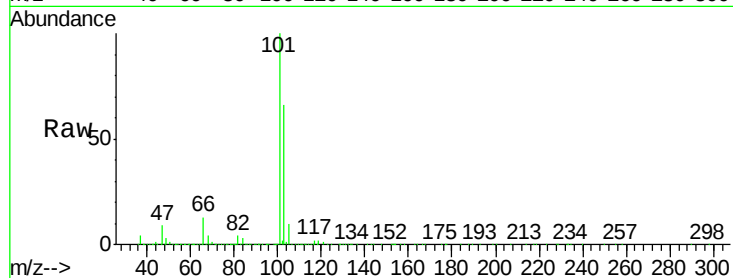
Trichlorofluoromethane
Concen: 48.767 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007039.D
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	53.2	79.8

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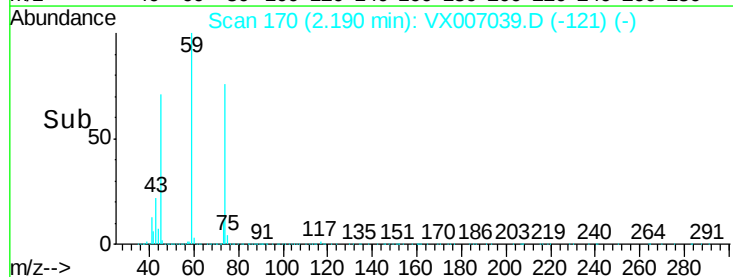
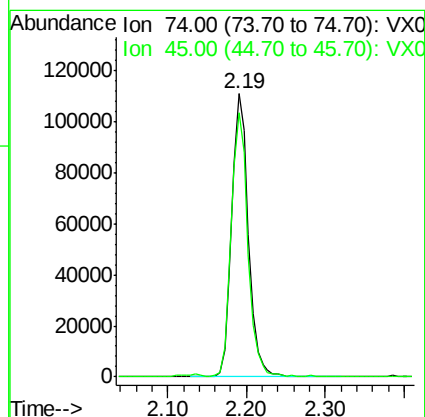
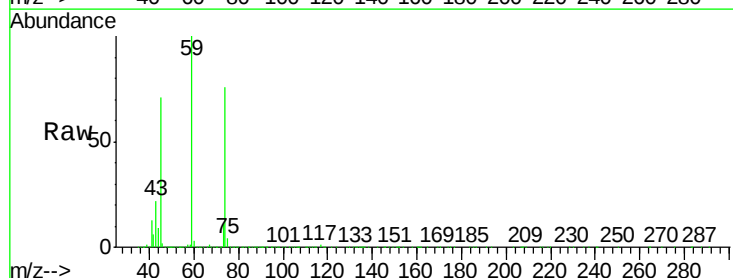
MMDadoda
1/15/2019 11:13:26 AM

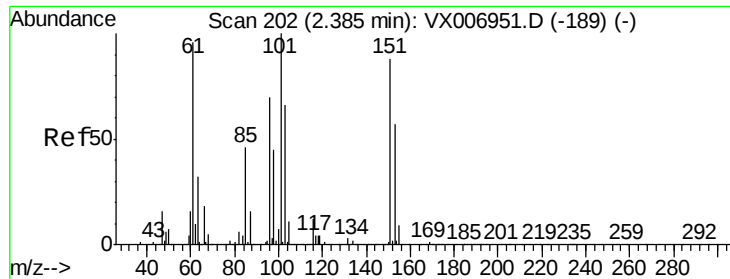


#8

Diethyl Ether
Concen: 48.438 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.8	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.201 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

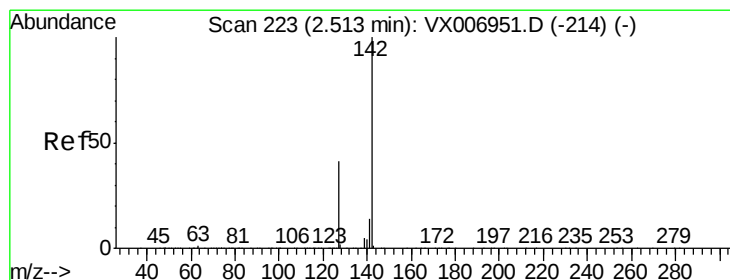
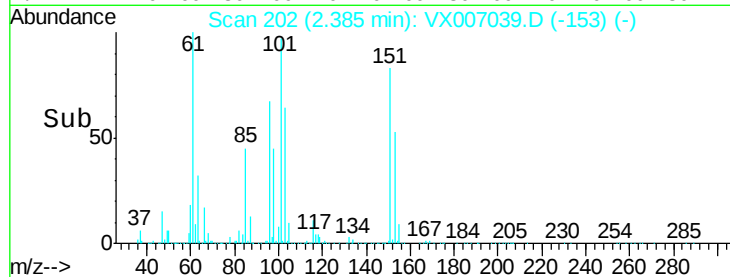
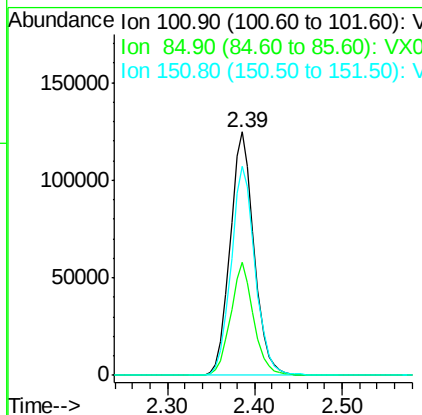
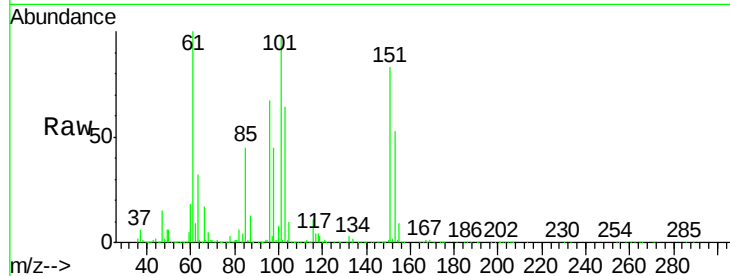
ClientSampleId :

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Tot Ion:	101	Resp:	237413
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.1	52.7
151	86.4	68.9	103.3

Manual Integrations
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#10

Methyl Iodide

Concen: 57.315 ug/l

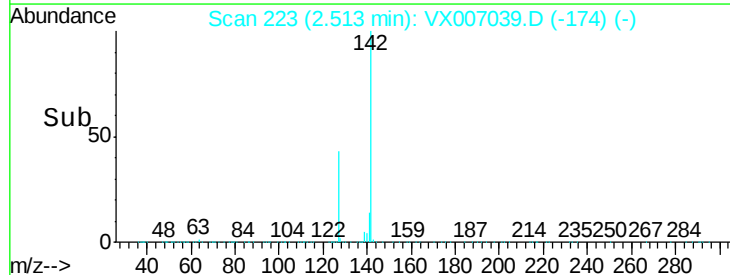
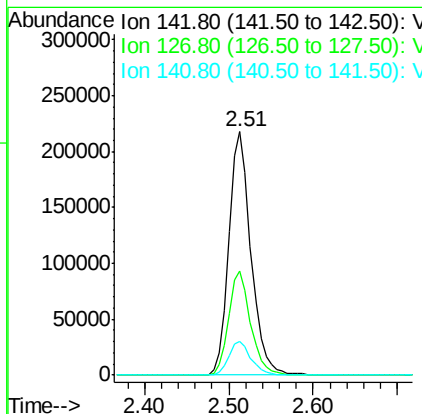
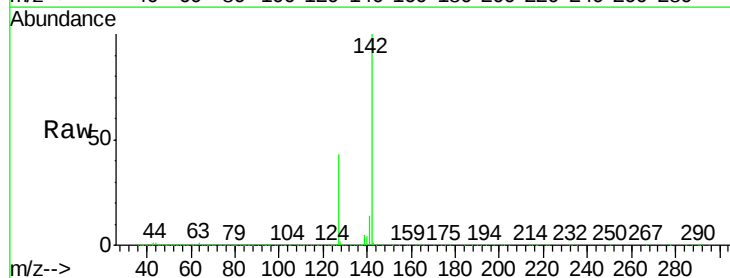
RT: 2.51 min Scan# 223

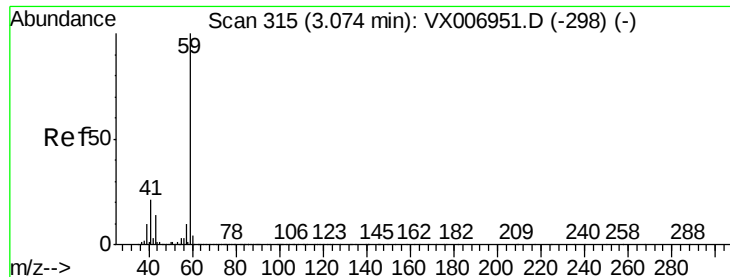
Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Tgt Ion:	142	Resp:	388872
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.9	50.9
141	14.1	11.4	17.0





#11

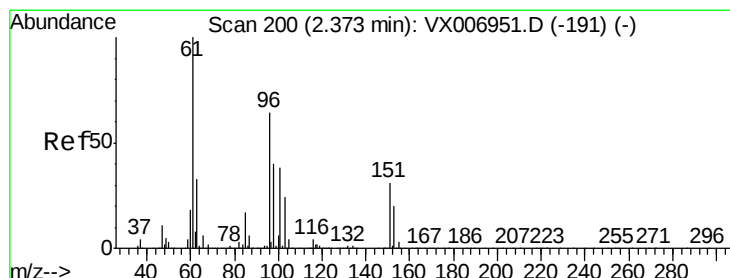
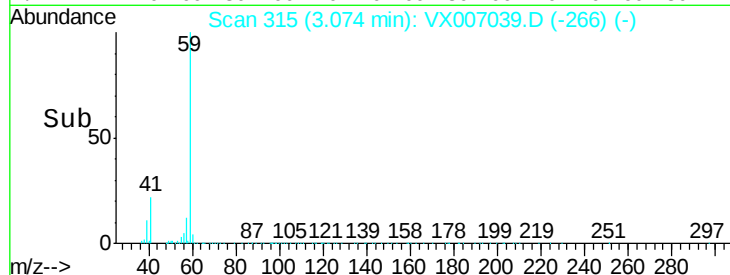
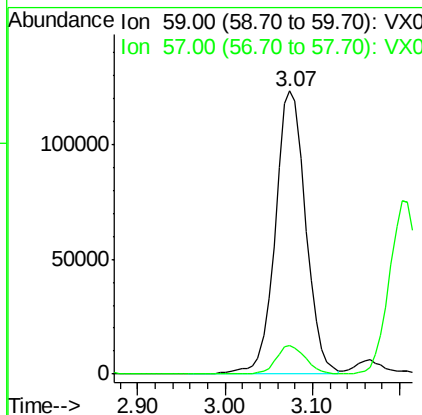
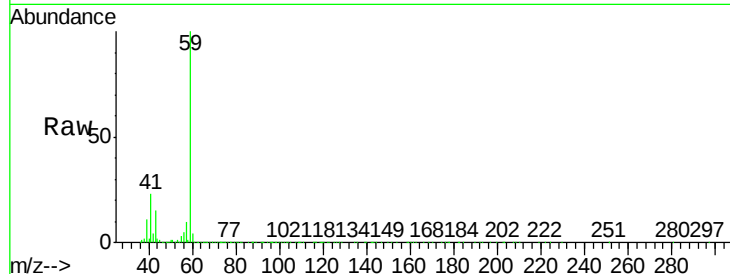
Tert butyl alcohol
Concen: 238.555 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MS

Tot Ion	Ratio	Resp	Lower	Upper
59	100	297361		
57	9.7		8.5	12.7

Manual Integrations
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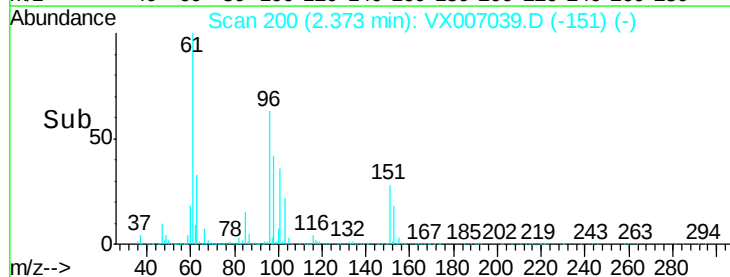
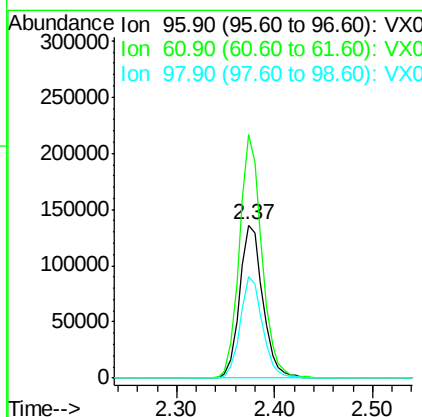
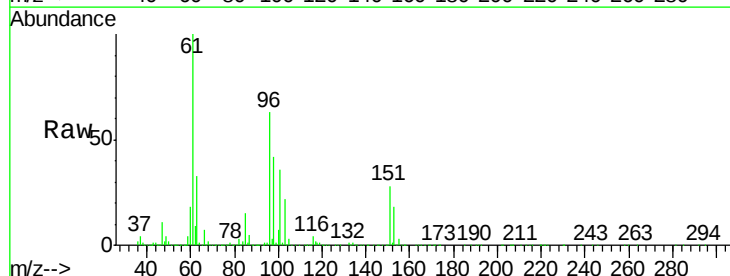
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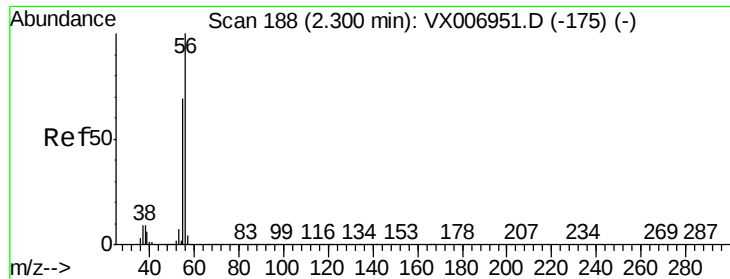


#12

1,1-Dichloroethene
Concen: 48.264 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	224285		
61	158.9		121.4	182.2
98	66.5		51.9	77.9





#13

Acrolein

Concen: 238.502 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

Tot Ion: 56 Resp: 128141

Ion Ratio Lower Upper

56 100

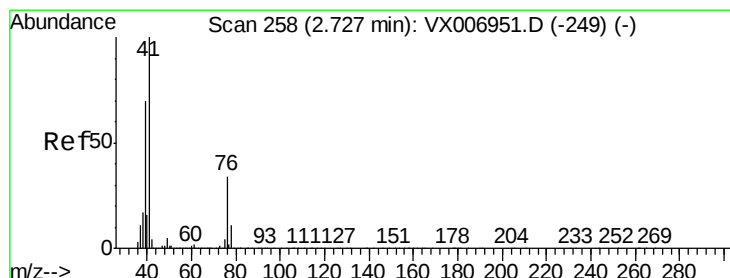
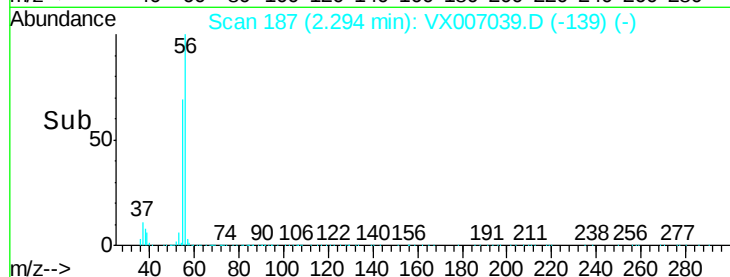
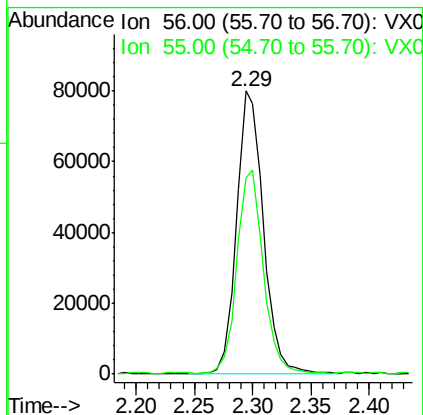
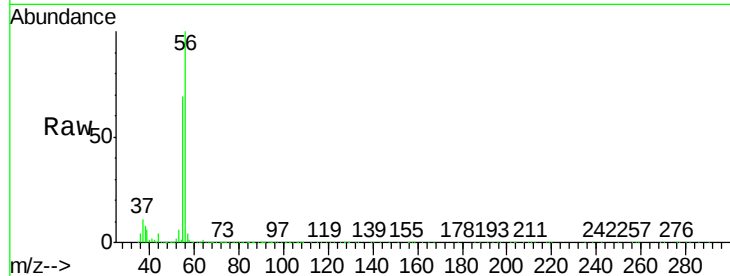
55 70.8 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 50.037 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

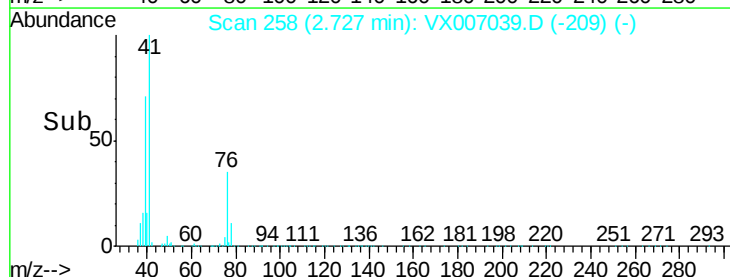
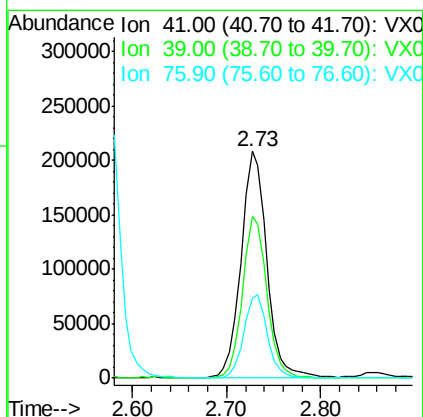
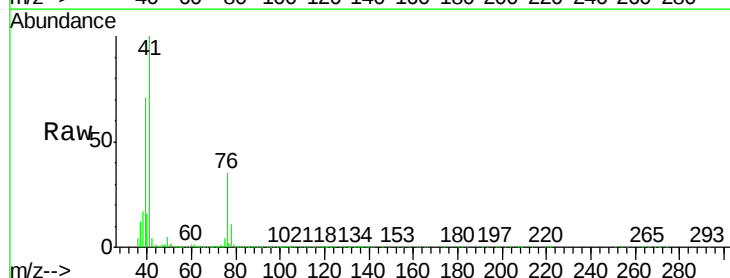
Tgt Ion: 41 Resp: 398503

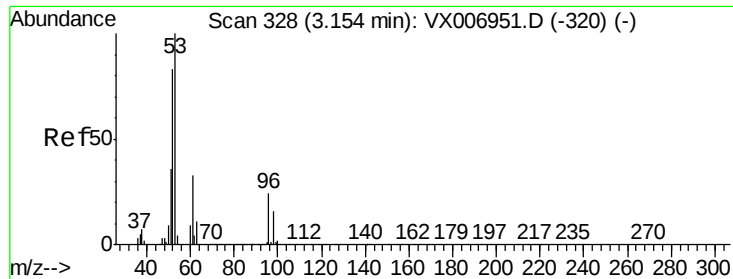
Ion Ratio Lower Upper

41 100

39 67.4 53.6 80.4

76 33.5 27.4 41.2





#15

Acrylonitrile

Concen: 255.681 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

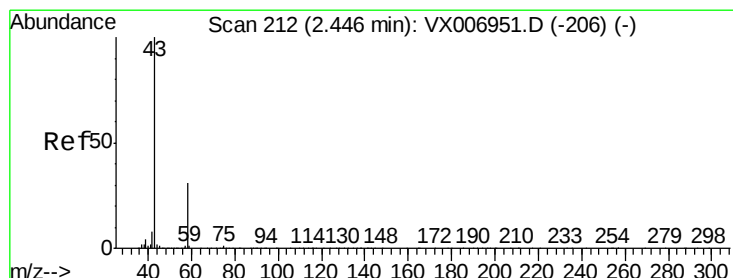
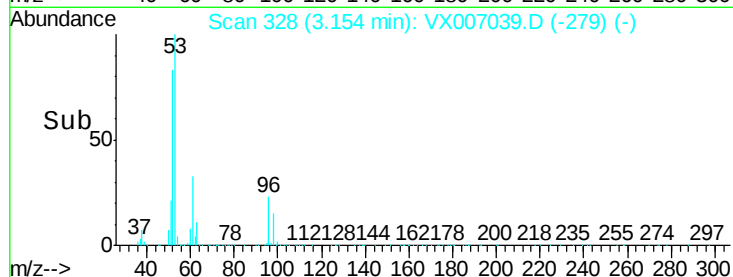
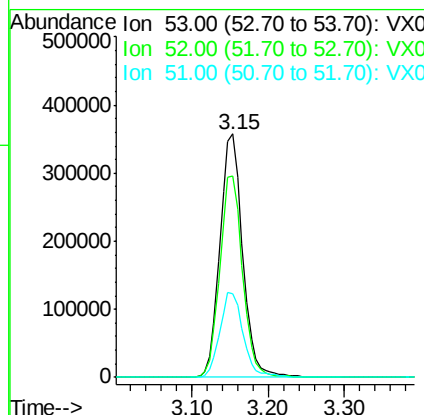
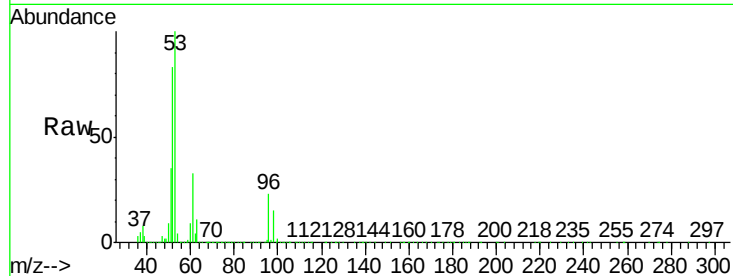
ClientSampleId :

WP022MW359-190109MS

Tot Ion:	53	Resp:	731640
Ion Ratio		Lower	Upper
53	100		
52	83.0	66.0	99.0
51	36.0	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 234.899 ug/l

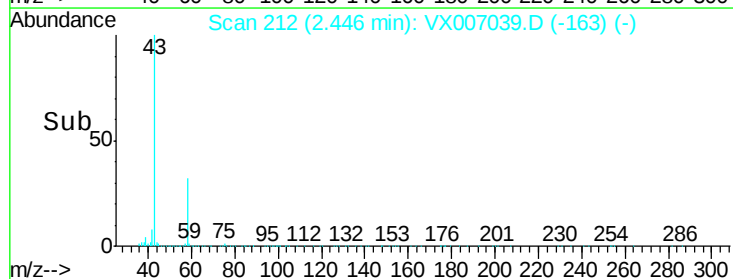
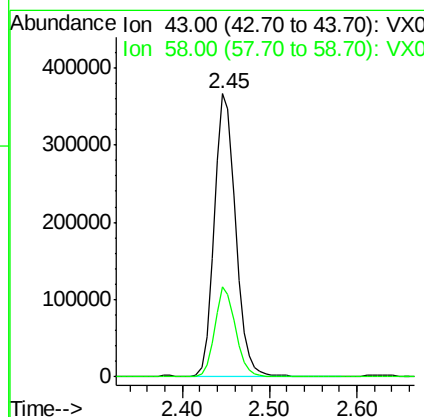
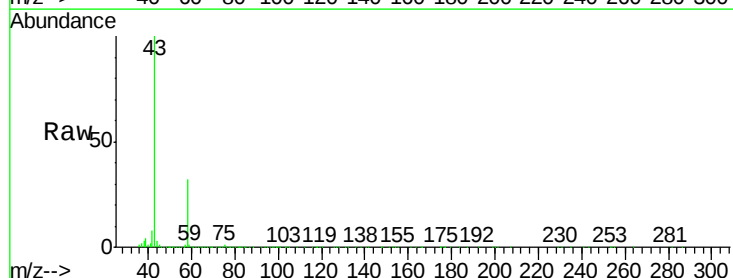
RT: 2.45 min Scan# 212

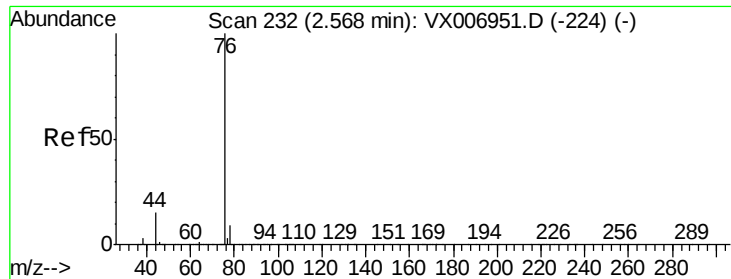
Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Tgt Ion:	43	Resp:	613637
Ion Ratio		Lower	Upper
43	100		
58	31.8	25.0	37.6





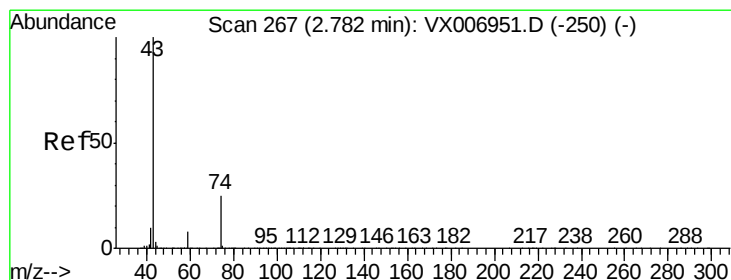
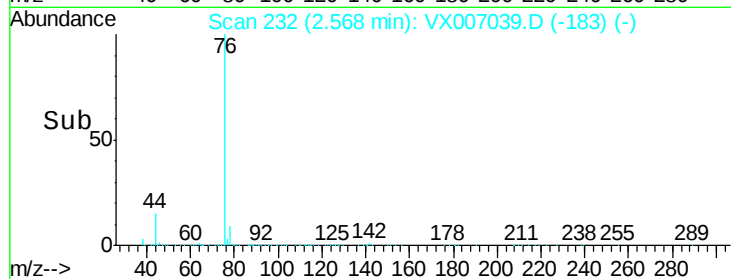
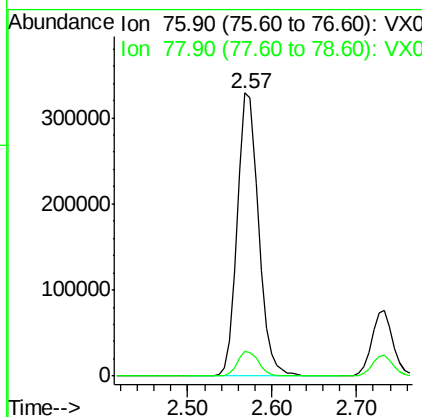
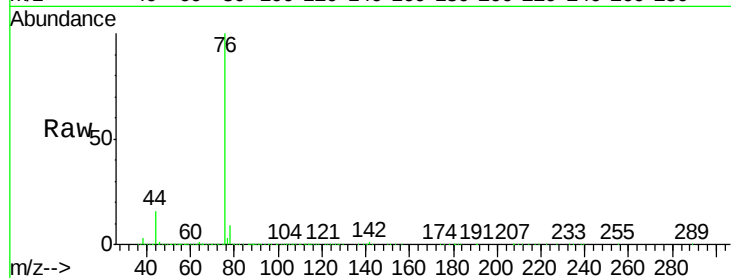
#17
Carbon Disulfide
Concen: 46.686 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.6

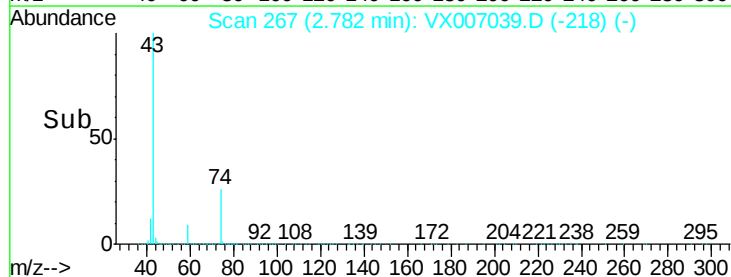
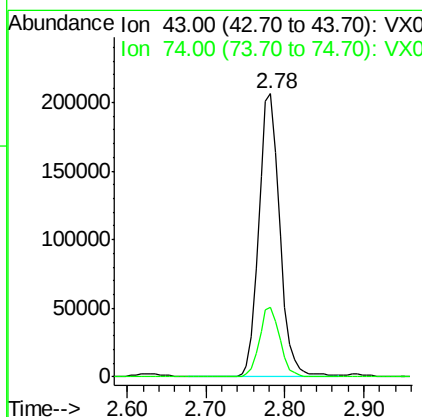
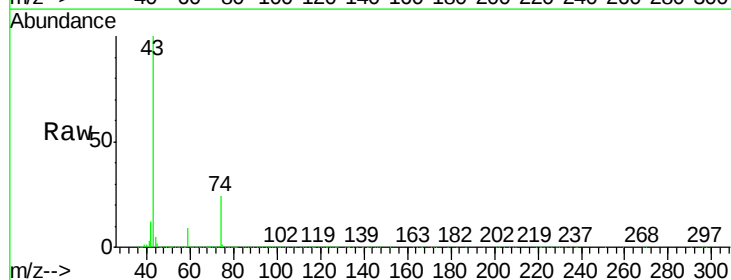
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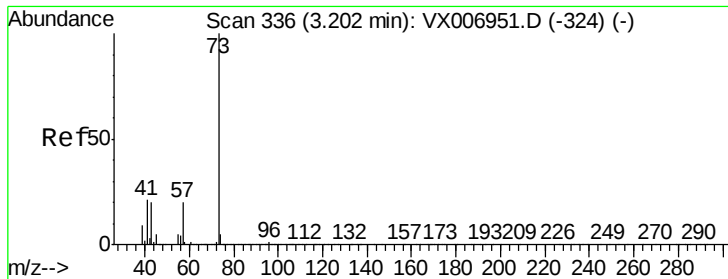
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#18
Methyl Acetate
Concen: 50.539 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	18.6	28.0





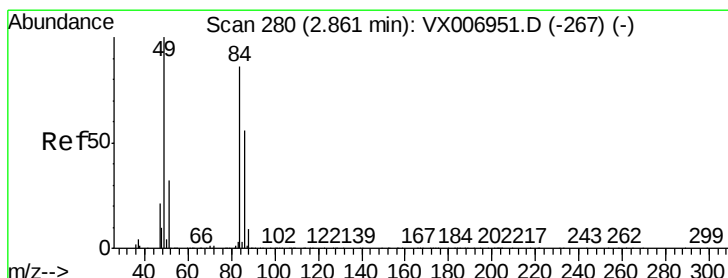
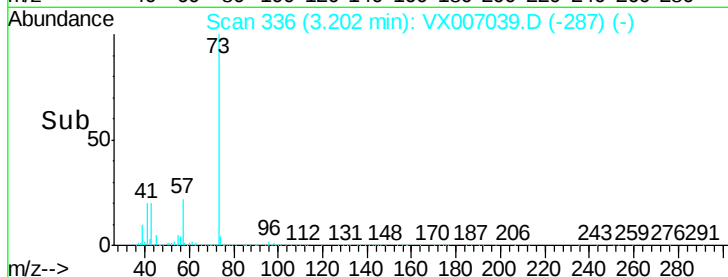
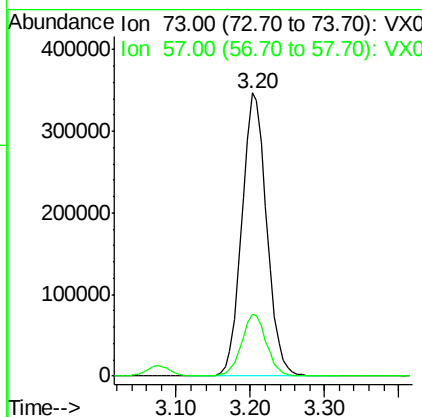
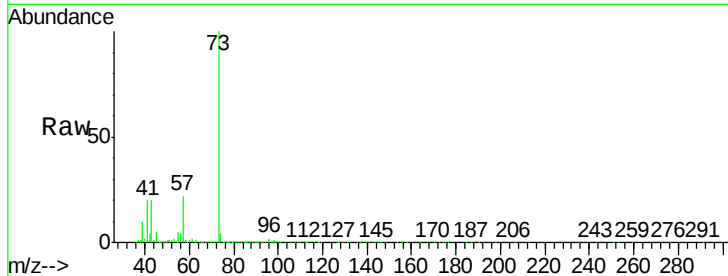
#19
Methyl tert-butyl Ether
Concen: 50.423 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.8	25.2

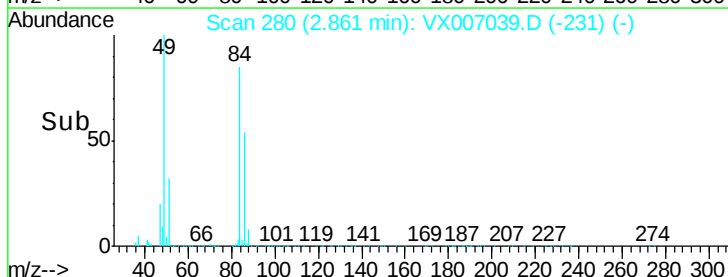
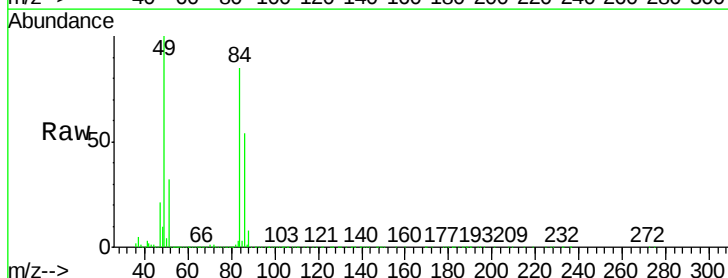
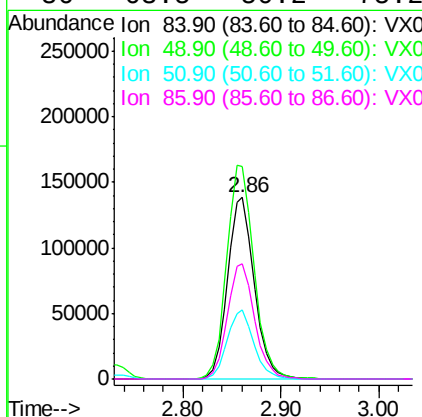
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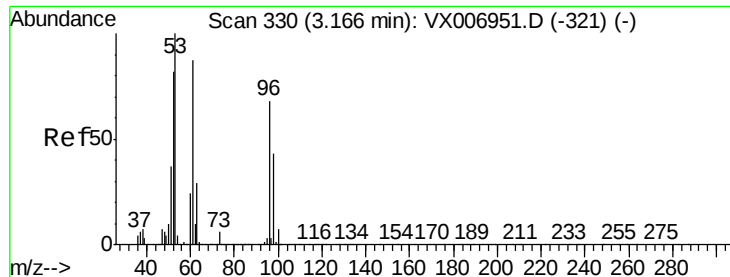
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#20
Methylene Chloride
Concen: 52.684 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.2	91.8	137.6
51	37.7	28.5	42.7
86	63.5	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 48.128 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

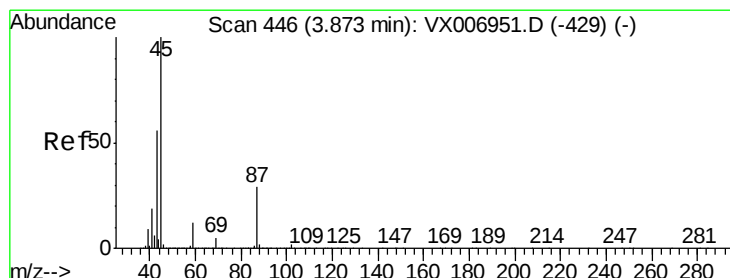
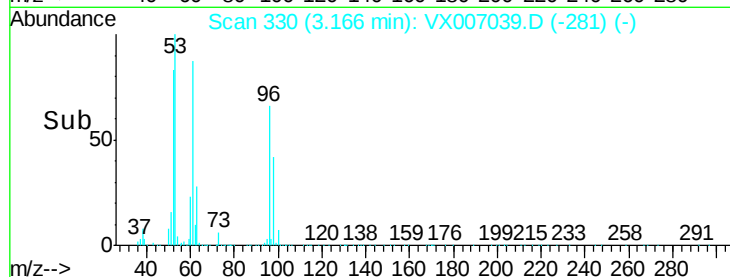
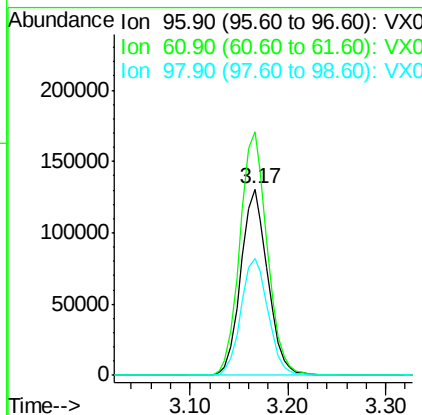
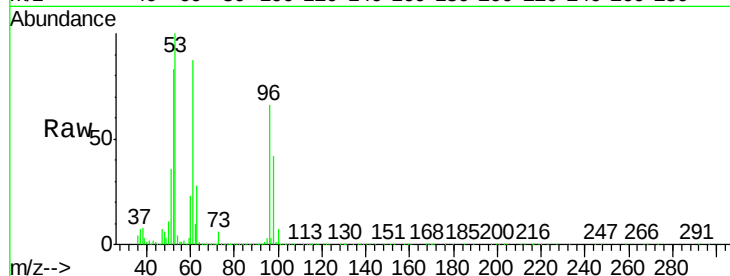
ClientSampleId :

WP022MW359-190109MS

Tot Ion:	96	Resp:	249239
Ion	Ratio	Lower	Upper
96	100		
61	130.7	103.7	155.5
98	62.6	51.0	76.6

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#22

Diisopropyl ether

Concen: 49.682 ug/l

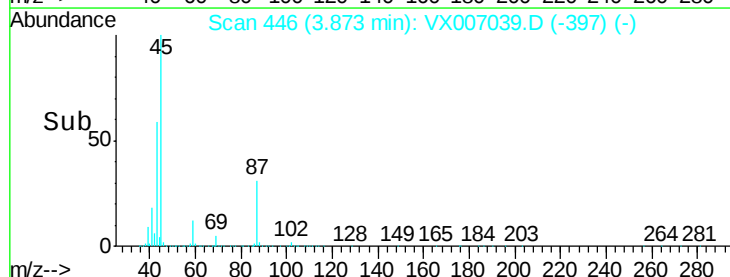
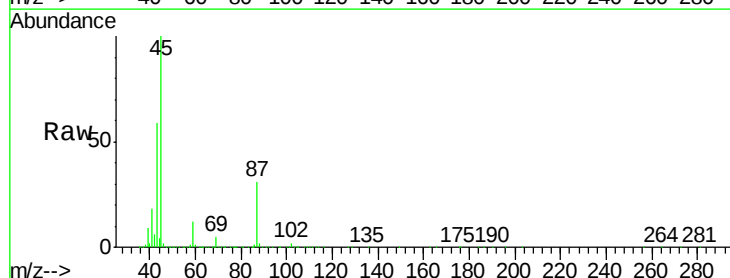
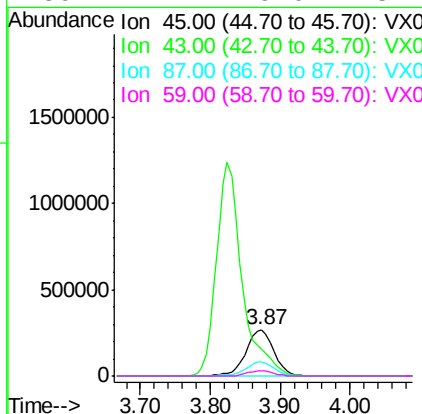
RT: 3.87 min Scan# 446

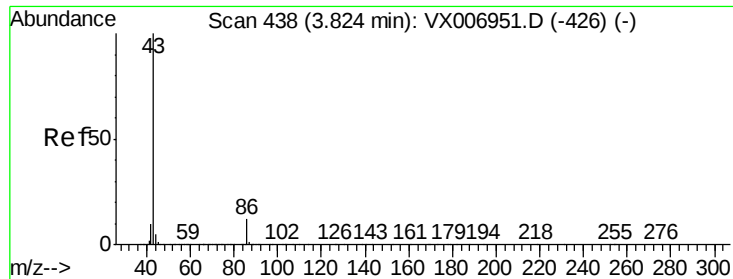
Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Tgt Ion:	45	Resp:	743866
Ion	Ratio	Lower	Upper
45	100		
43	58.5	51.2	76.8
87	30.8	25.8	38.6
59	12.2	9.0	13.4





#23

Vinyl Acetate

Concen: 250.008 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Tot Ion: 43 Resp: 3156778

Ion Ratio Lower Upper

43 100

86 11.1 9.2 13.8

Instrument :

MSVOA_X

ClientSampleId :

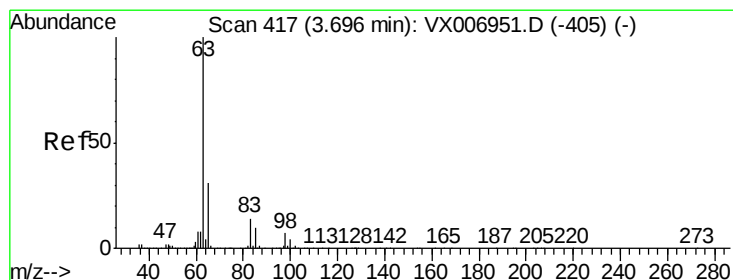
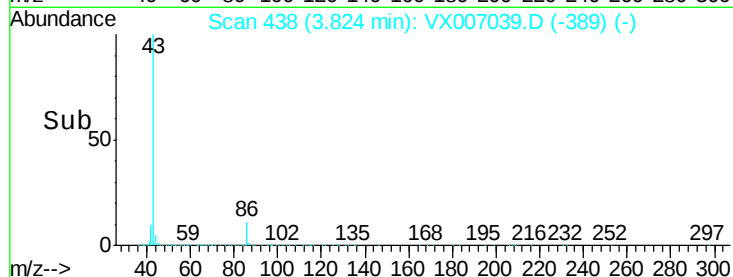
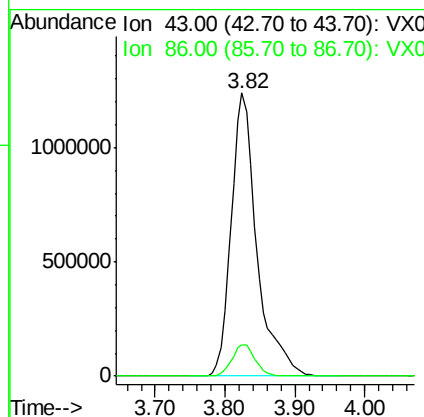
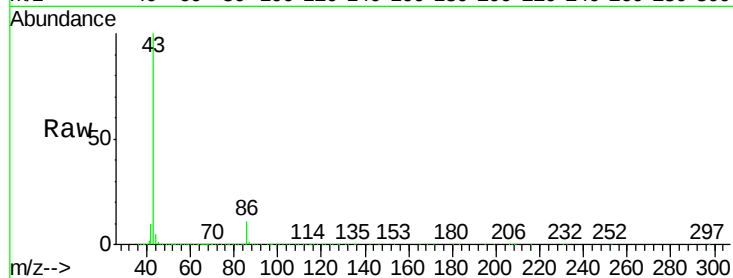
WP022MW359-190109MS

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#24

1,1-Dichloroethane

Concen: 51.081 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

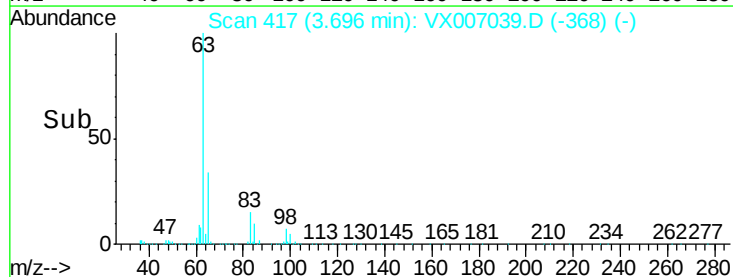
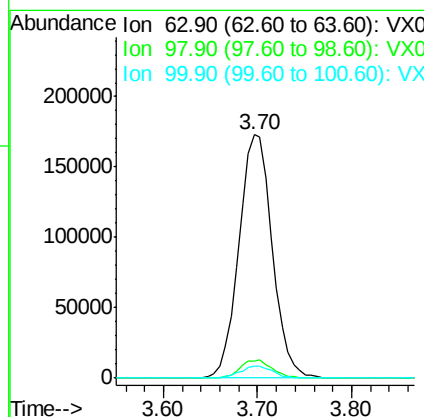
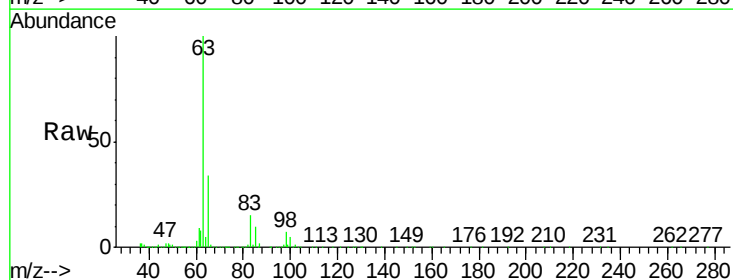
Tgt Ion: 63 Resp: 427657

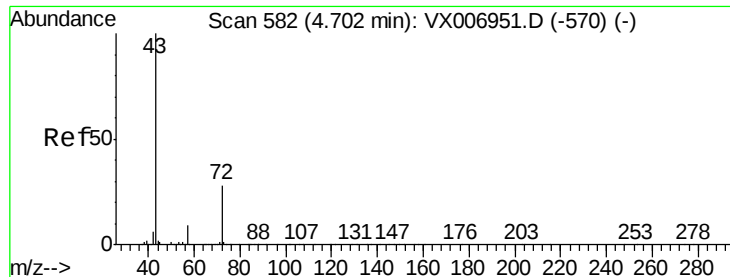
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 5.0 2.4 7.2





#25

2-Butanone

Concen: 251.953 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

Tot Ion: 43 Resp: 941769

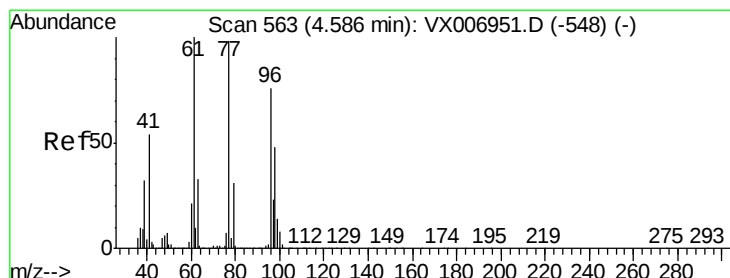
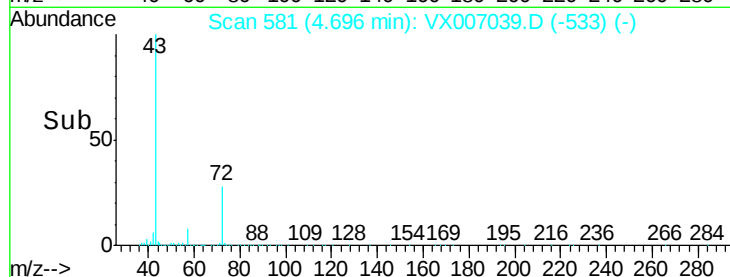
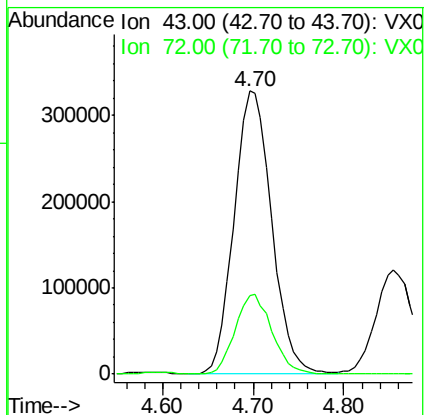
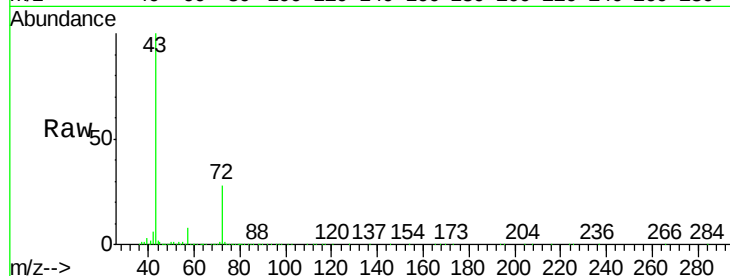
Ion Ratio Lower Upper

43 100

72 27.9 22.4 33.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 46.254 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007039.D

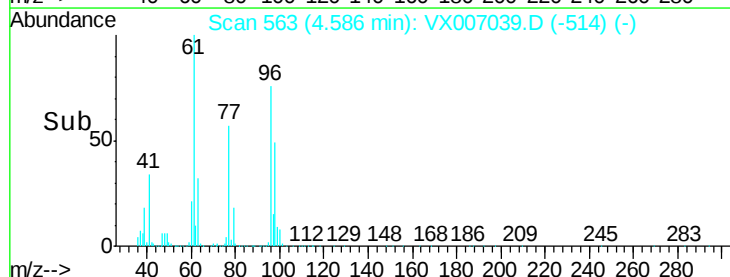
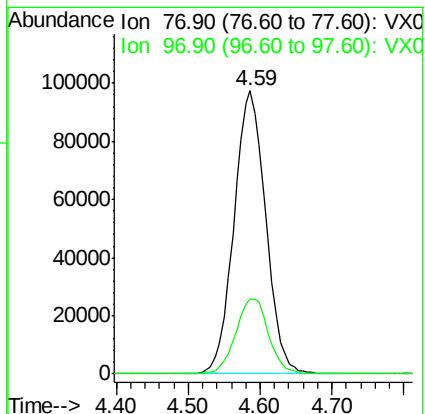
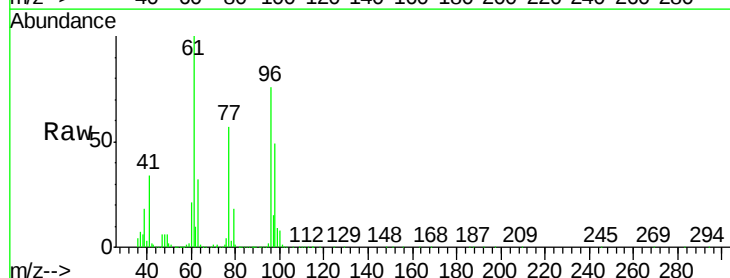
Acq: 14 Jan 2019 15:09

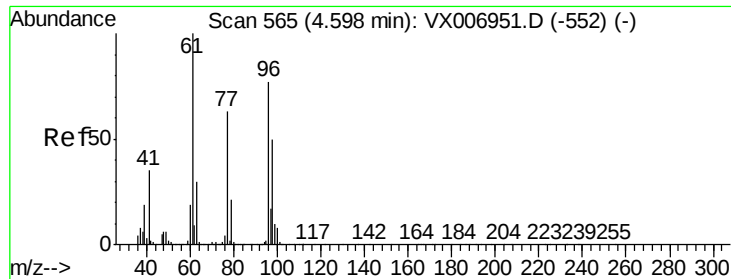
Tgt Ion: 77 Resp: 297778

Ion Ratio Lower Upper

77 100

97 27.5 12.4 37.4





#27

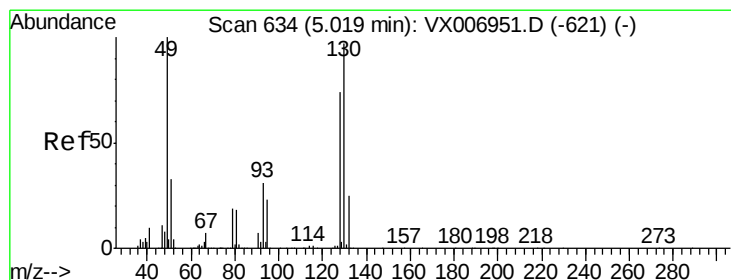
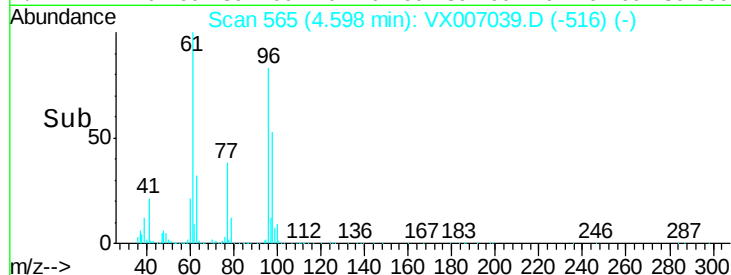
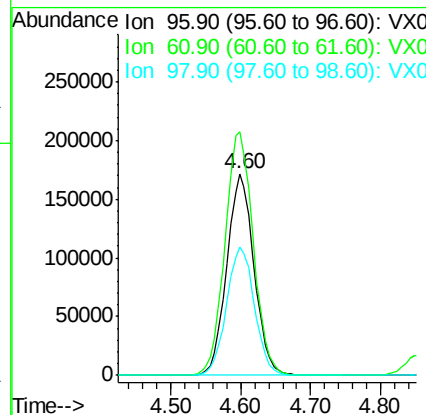
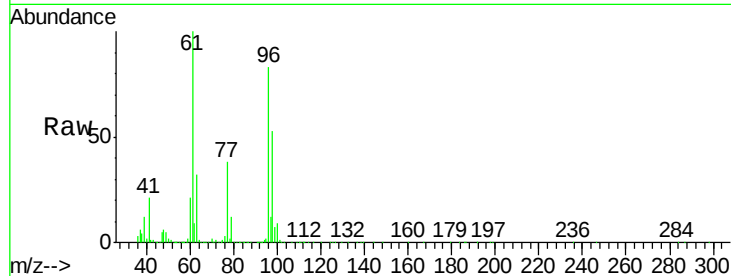
cis-1,2-Dichloroethene
Concen: 81.153 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.0	0.0	258.6
98	65.5	0.0	132.0

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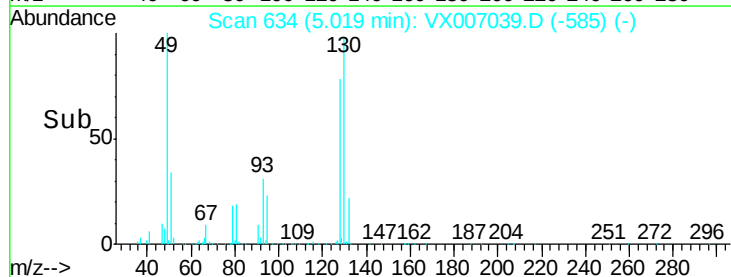
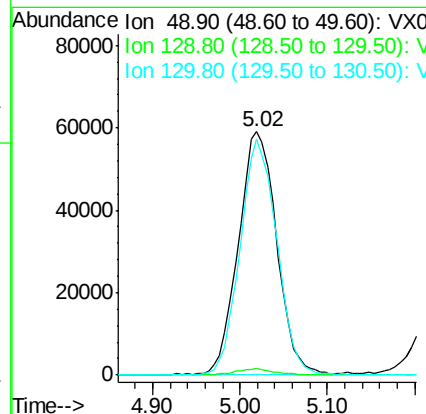
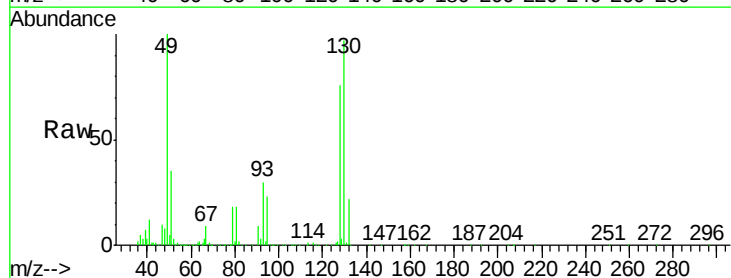
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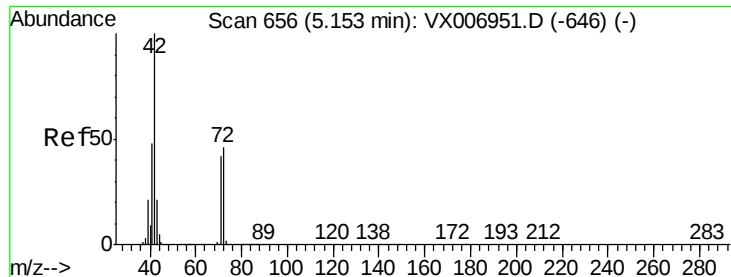


#28

Bromochloromethane
Concen: 48.737 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	94.1	77.7	116.5





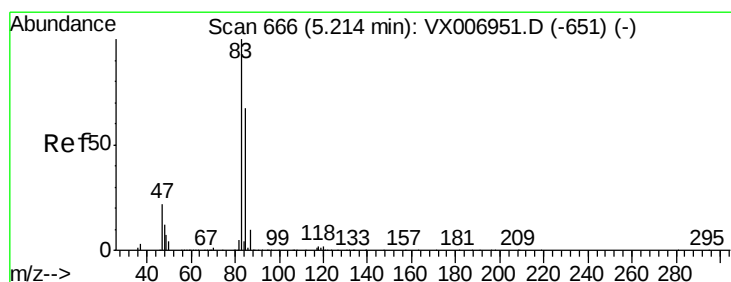
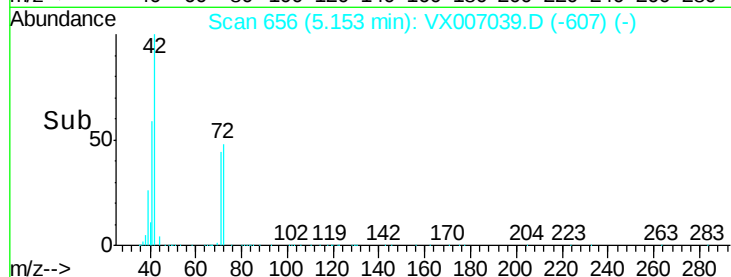
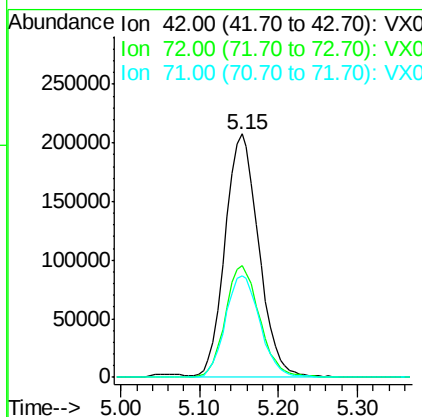
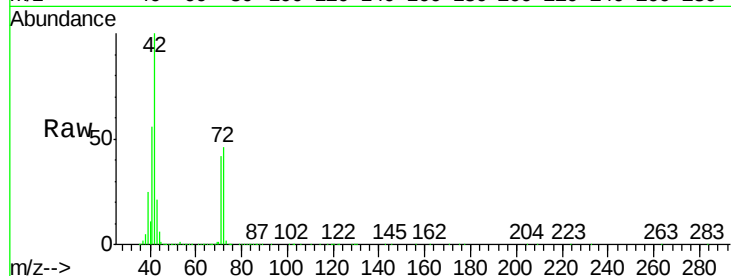
#29
Tetrahydrofuran
Concen: 253.099 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.9	38.9	58.3
71	43.1	36.2	54.4

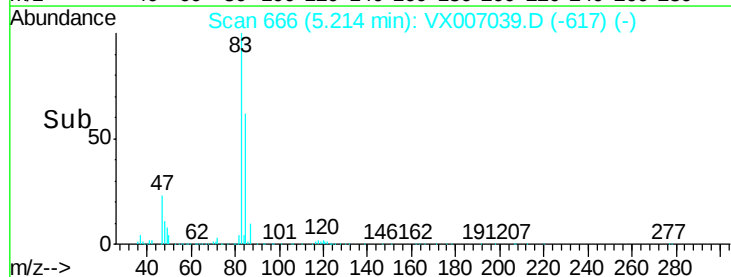
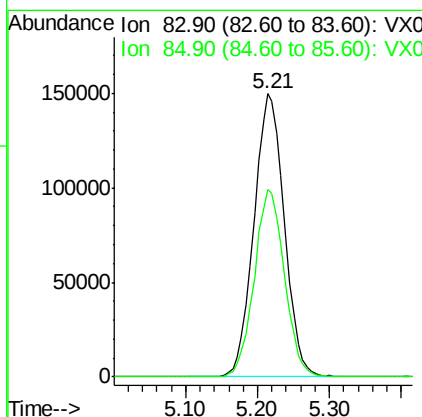
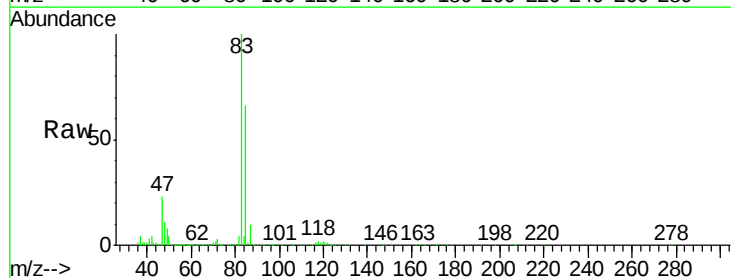
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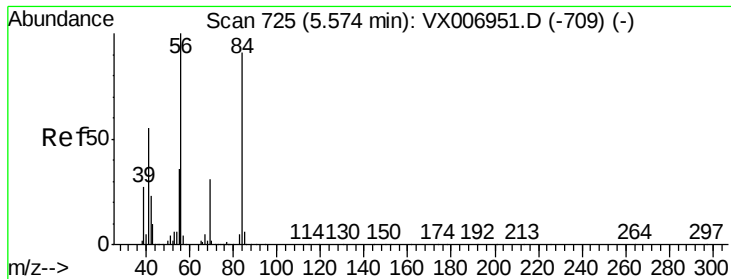
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#30
Chloroform
Concen: 49.948 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.2	76.8





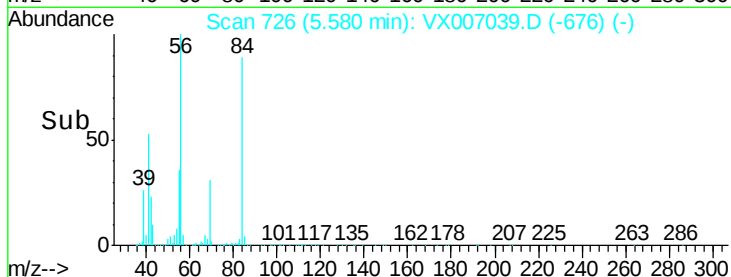
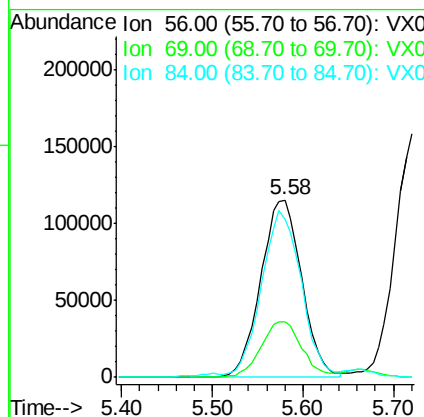
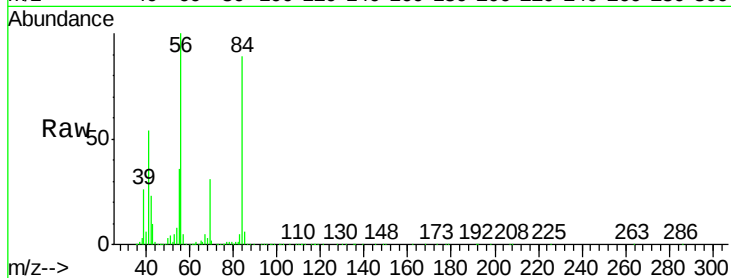
#31
Cyclohexane
Concen: 48.259 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.4	36.6
84	88.1	70.0	105.0

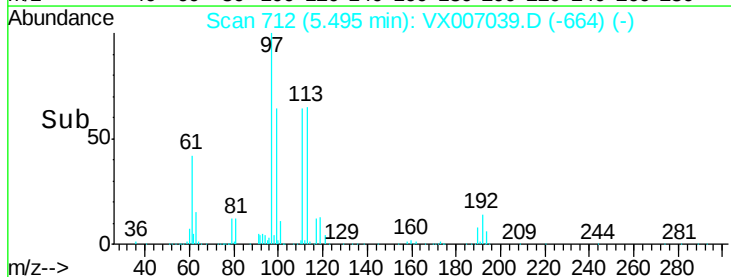
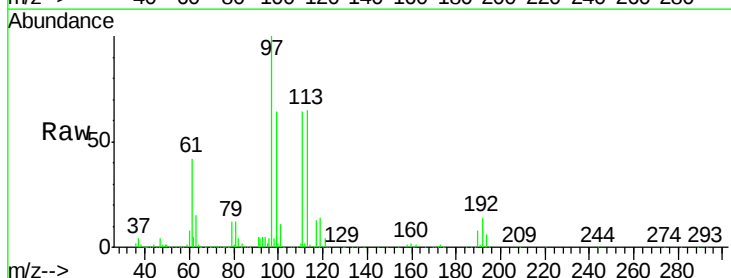
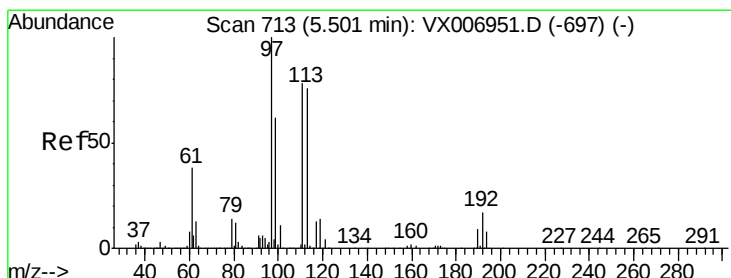
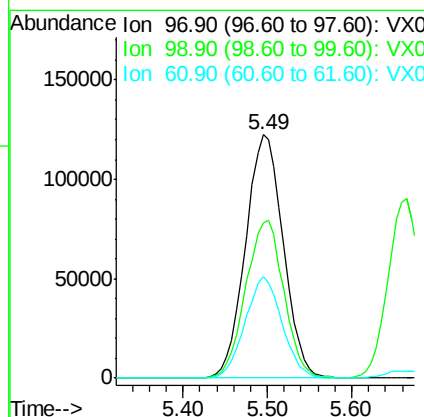
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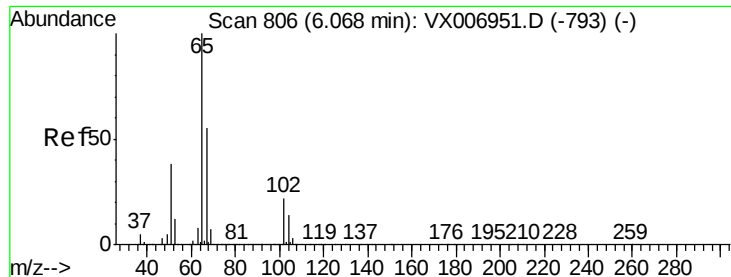
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#32
1,1,1-Trichloroethane
Concen: 50.085 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.7	77.5
61	40.6	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 50.968 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

Tot Ion: 65 Resp: 269325

Ion Ratio Lower Upper

65 100

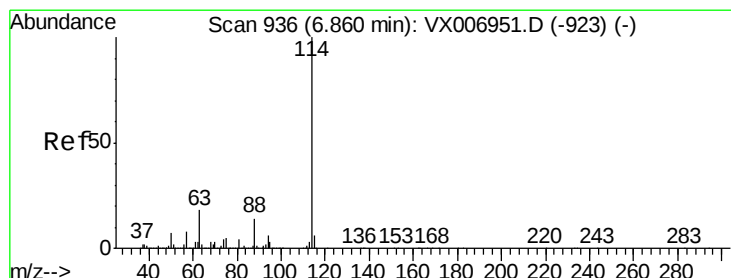
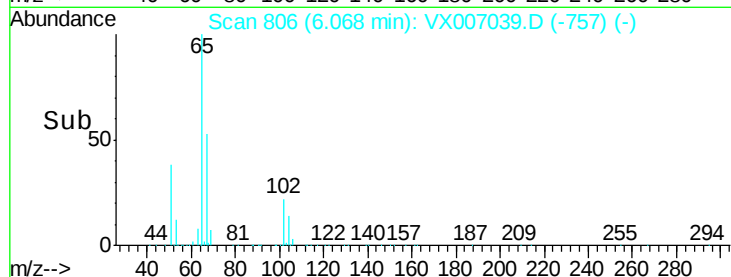
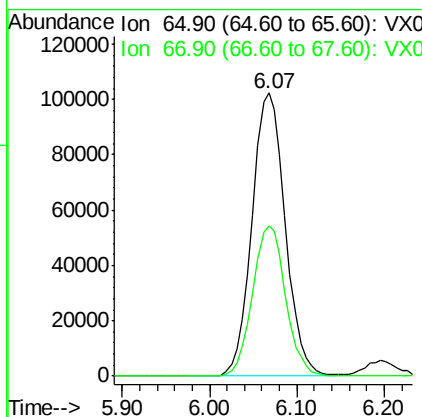
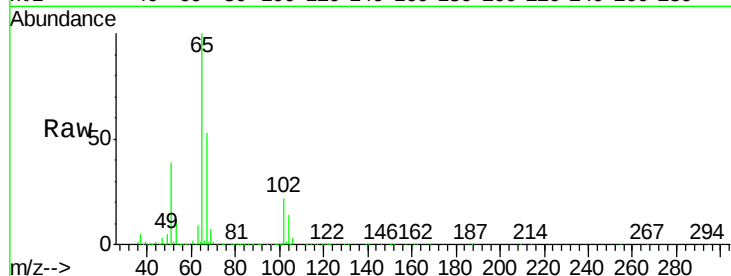
67 52.5 0.0 105.0

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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: VX007039.D

Acq: 14 Jan 2019 15:09

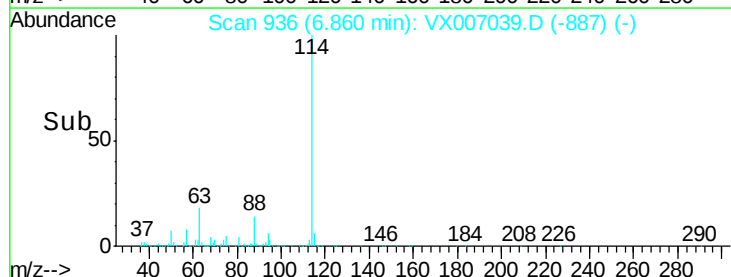
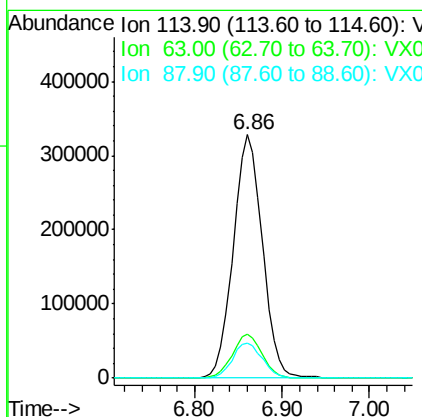
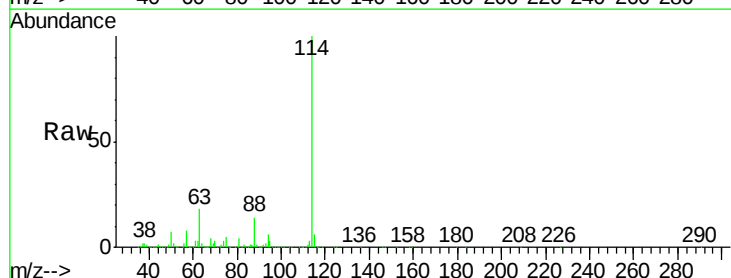
Tgt Ion: 114 Resp: 759495

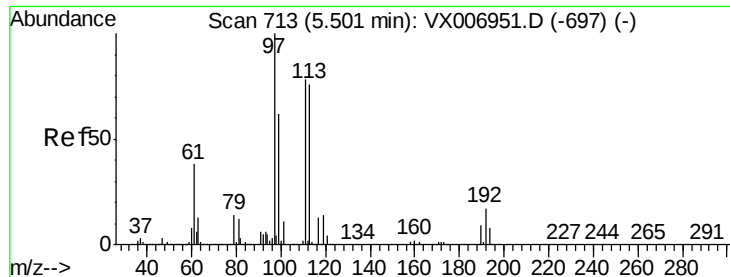
Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

88 14.5 0.0 28.8





#35

Dibromofluoromethane

Concen: 50.227 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

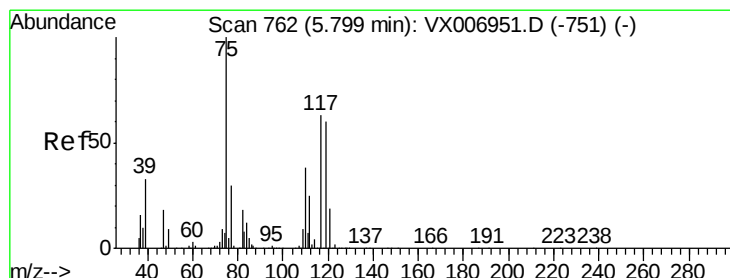
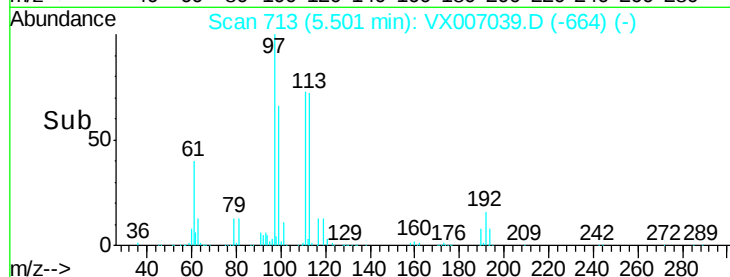
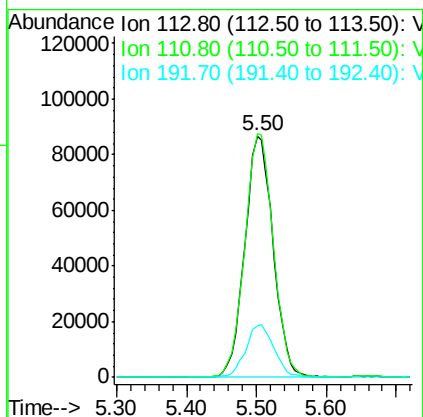
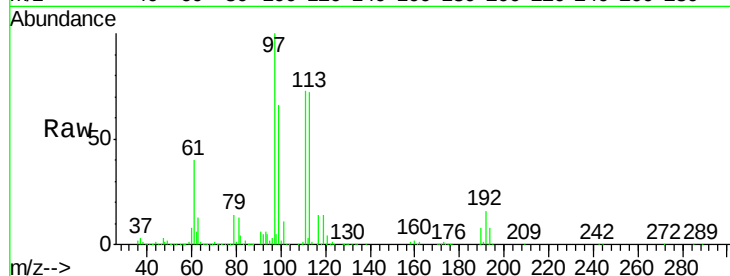
ClientSampleId :

WP022MW359-190109MS

Tot Ion:	113	Resp:	244293
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.6	122.4
192	22.0	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.647 ug/l

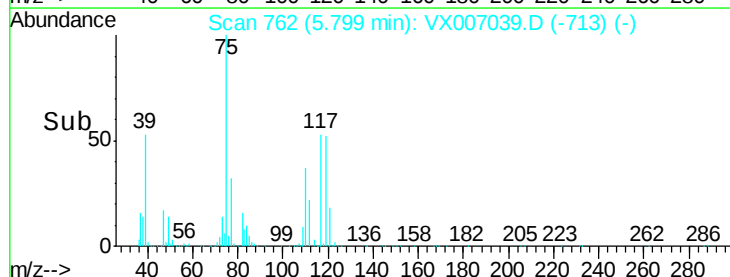
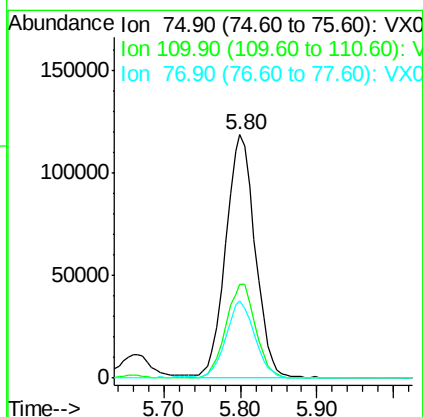
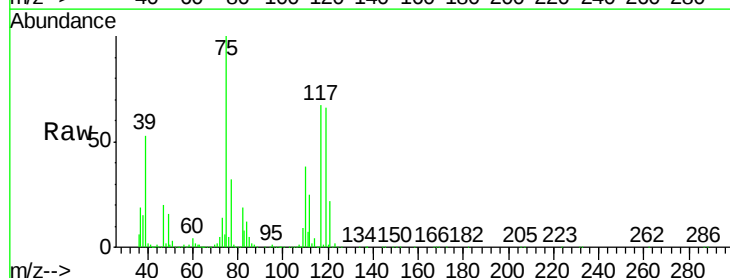
RT: 5.80 min Scan# 762

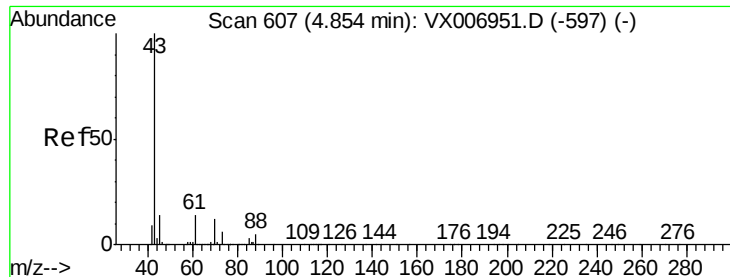
Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Tgt Ion:	75	Resp:	314620
Ion Ratio	Lower	Upper	
75	100		
110	39.1	20.2	60.5
77	30.9	24.8	37.2





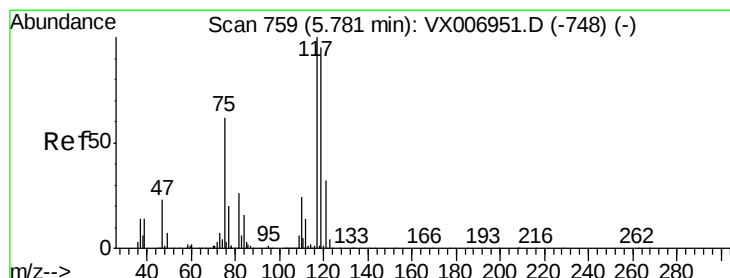
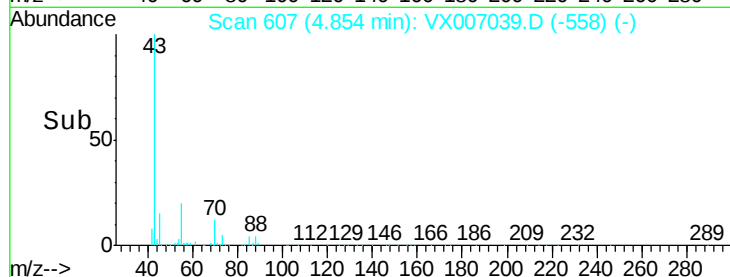
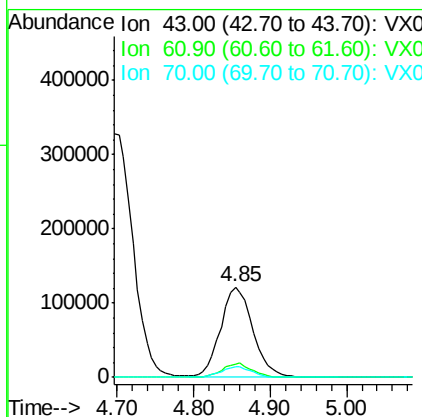
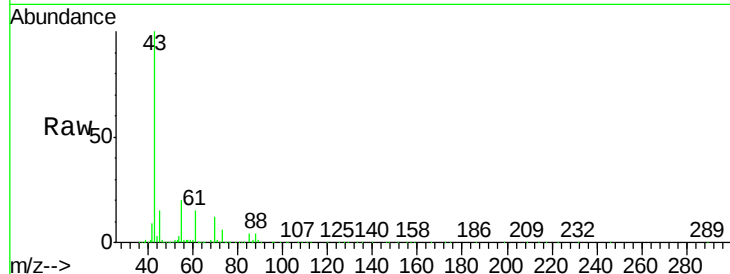
#37
Ethyl Acetate
Concen: 50.032 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.9	17.9
70	11.1	9.7	14.5

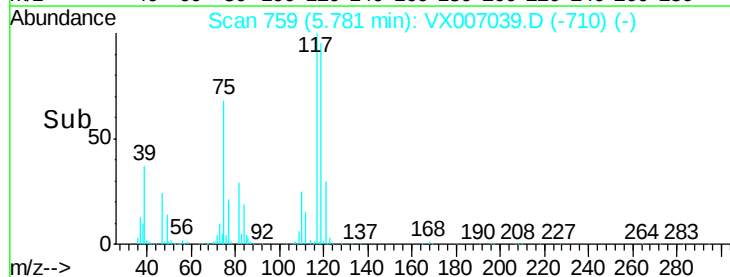
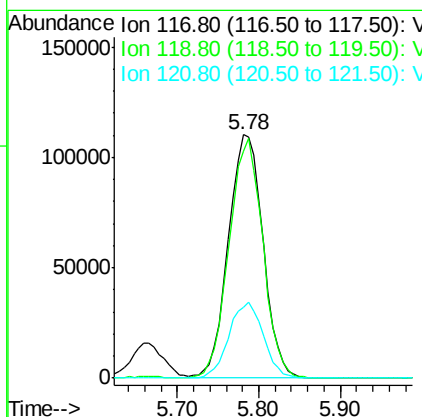
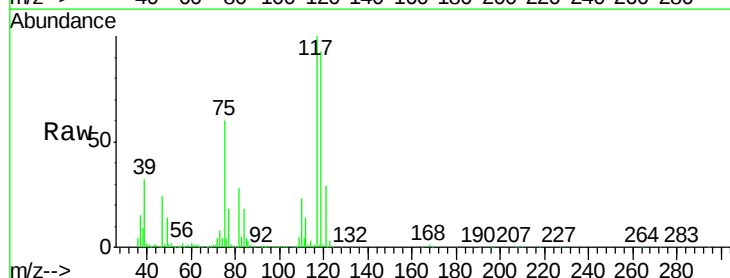
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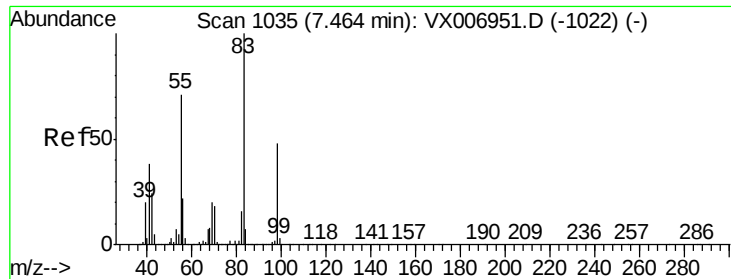
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#38
Carbon Tetrachloride
Concen: 48.678 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	79.4	119.2
121	29.2	24.0	36.0





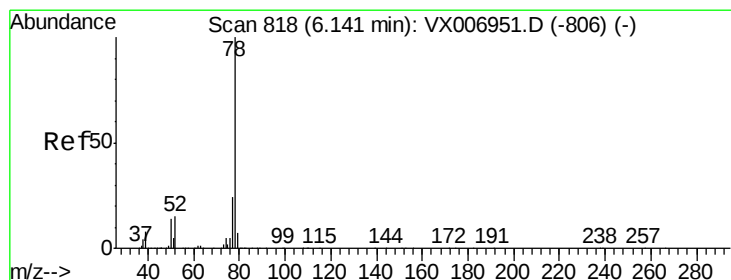
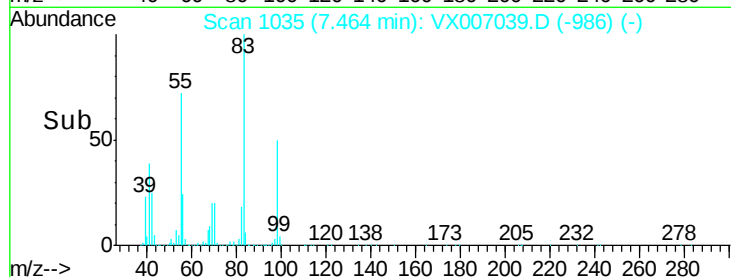
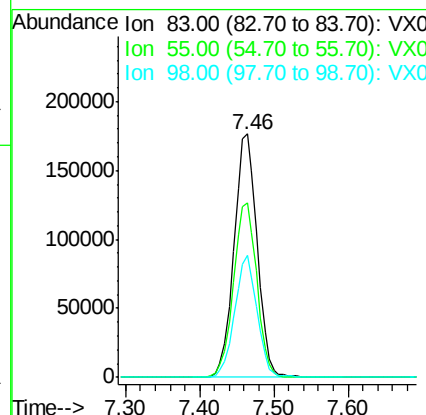
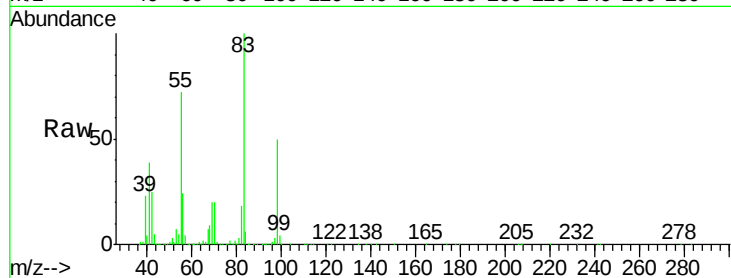
#39
Methylvlcyclohexane
Concen: 45.620 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.7	54.9	82.3
98	49.8	37.9	56.9

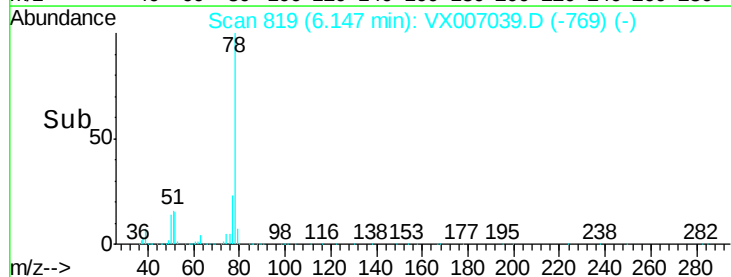
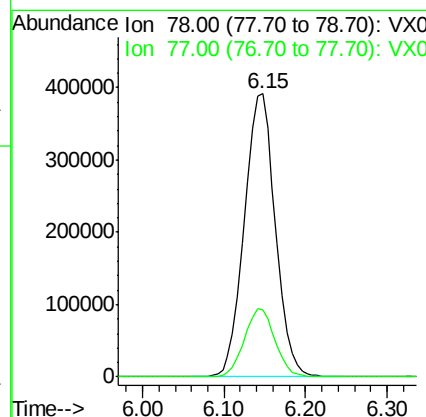
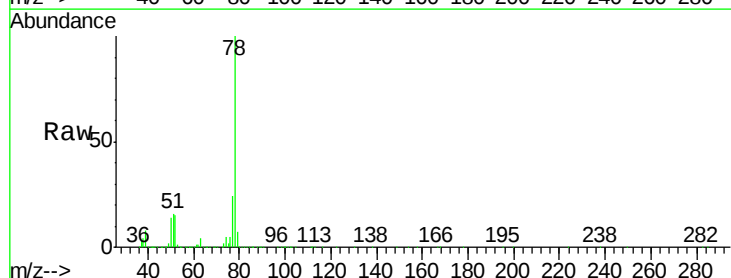
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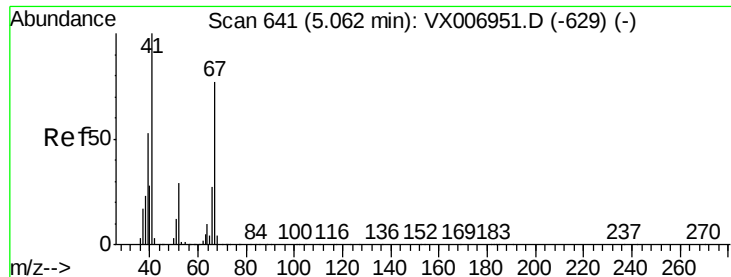
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#40
Benzene
Concen: 51.276 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.2	28.8





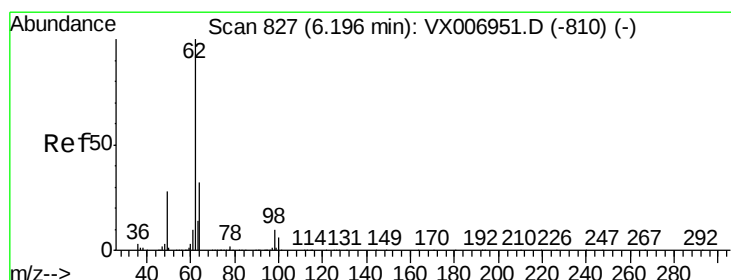
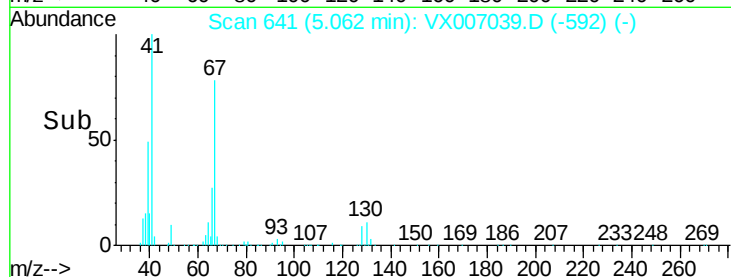
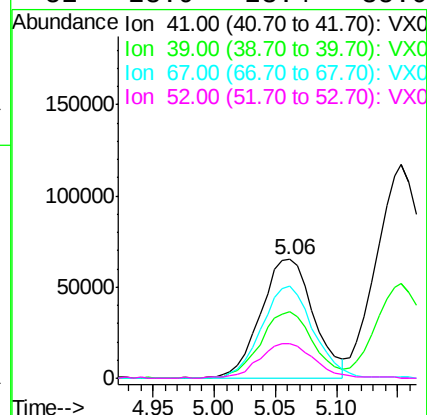
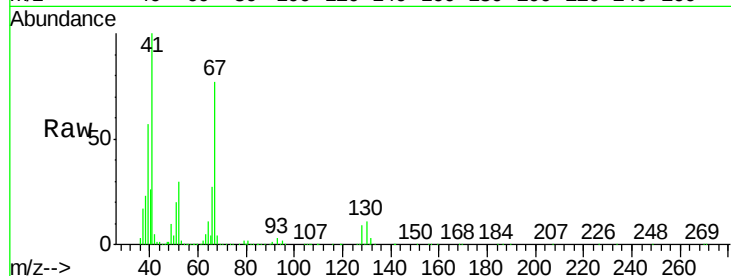
#41
Methacrylonitrile
Concen: 47.904 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		195360		
39	55.2	42.8	64.2		
67	76.7	62.1	93.1		
52	28.9	23.4	35.0		

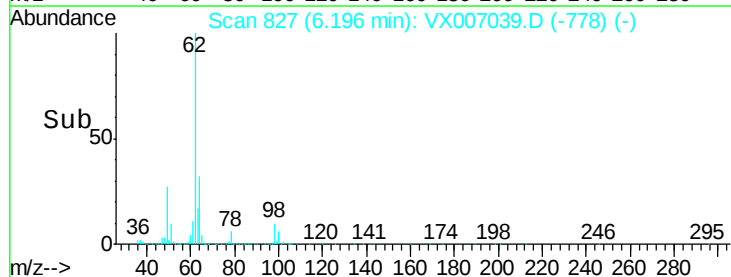
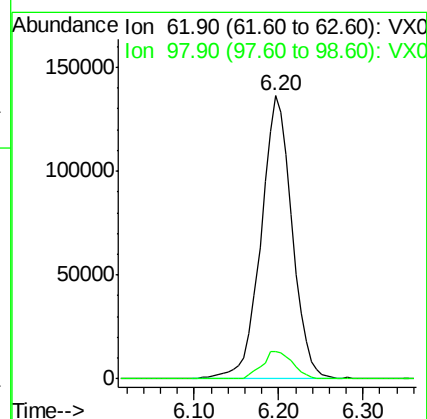
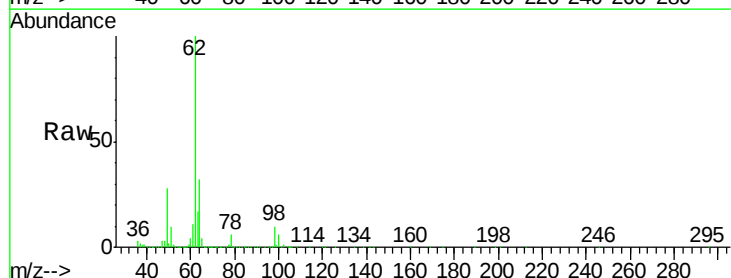
Manual Integrations
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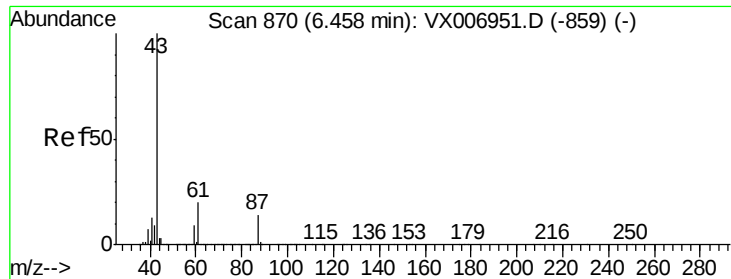
MMDadoda
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#42
1,2-Dichloroethane
Concen: 49.127 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		342047		
98	9.8	0.0	20.2		





#43

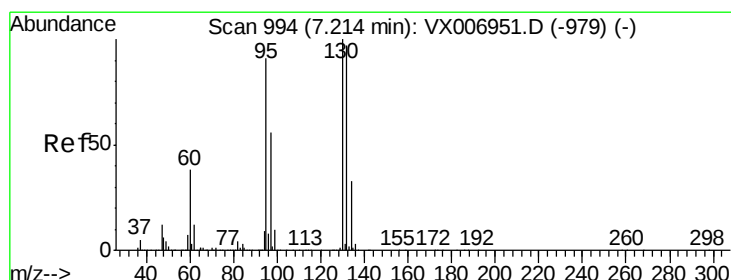
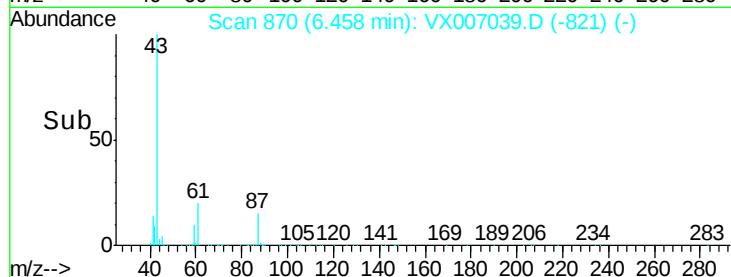
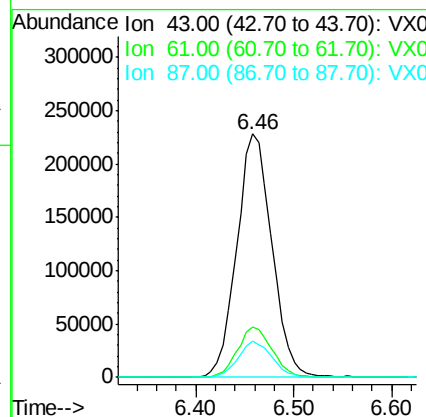
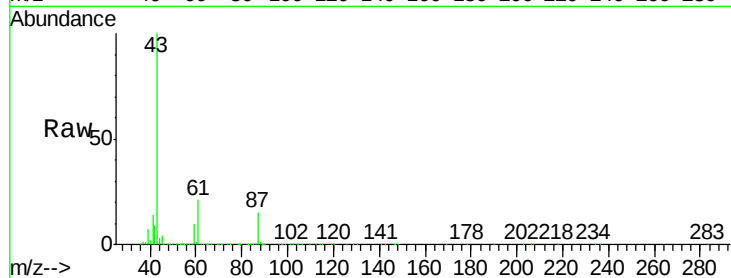
Isopropyl Acetate
 Concen: 50.630 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007039.D
 Acq: 14 Jan 2019 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190109MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.8	25.2
87	14.5	12.4	18.6

Manual Integrations
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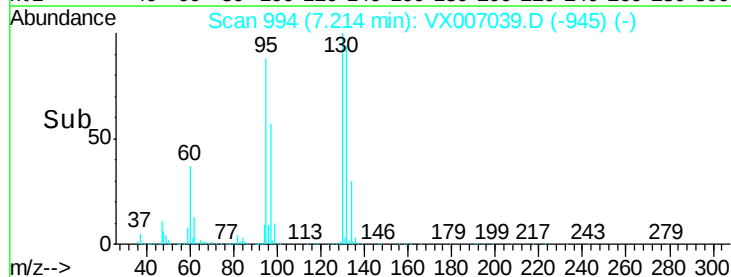
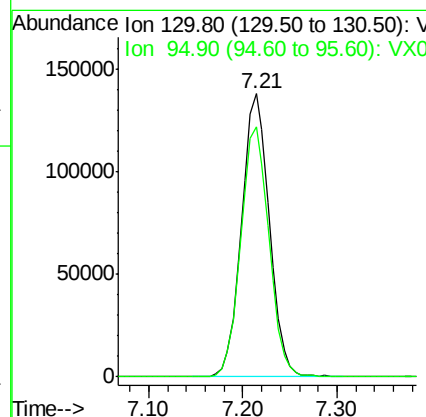
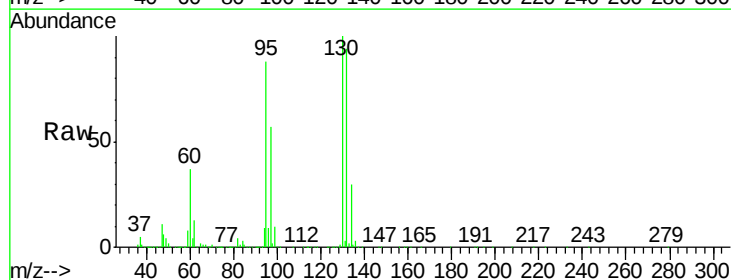
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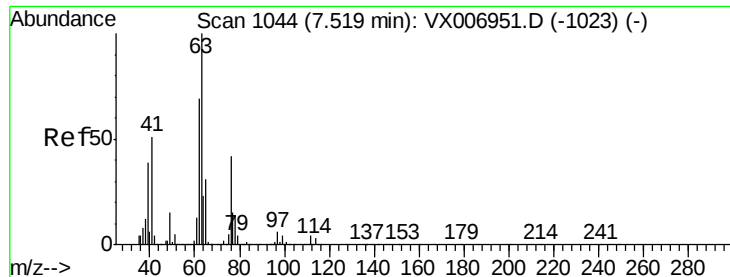


#44

Trichloroethene
 Concen: 47.084 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007039.D
 Acq: 14 Jan 2019 15:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.2	0.0	187.0





#45

1,2-Dichloropropane

Concen: 49.310 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

Tot Ion: 63 Resp: 249774

Ion Ratio Lower Upper

63 100

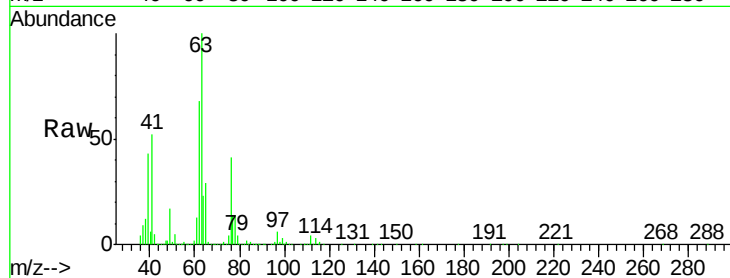
65 28.6 25.4 38.0

Manual Integrations

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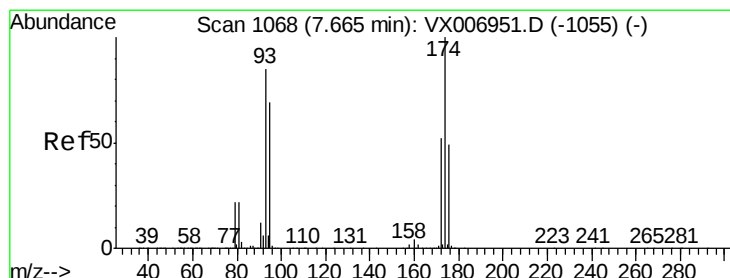
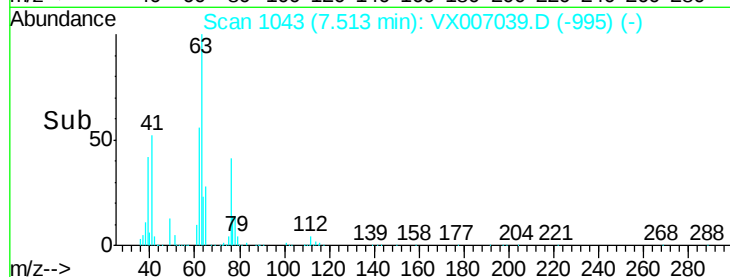
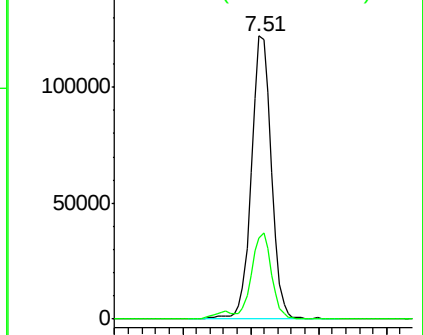
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.203 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

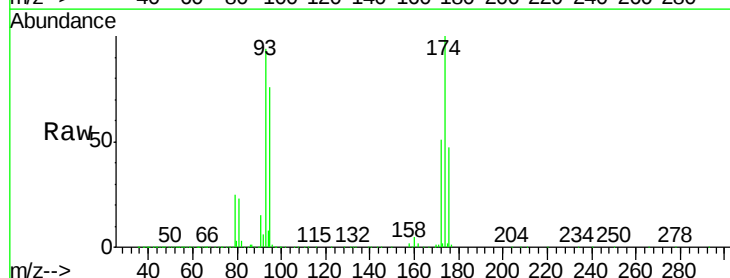
Tgt Ion: 93 Resp: 178720

Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.4

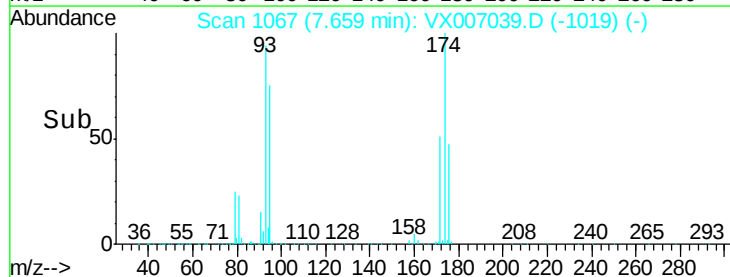
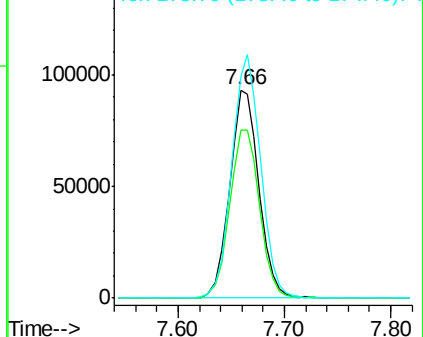
174 115.9 91.0 136.4

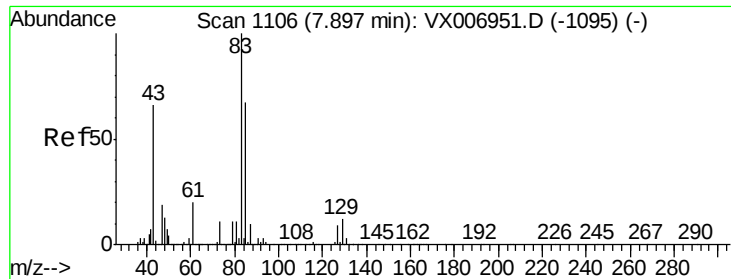


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.760 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

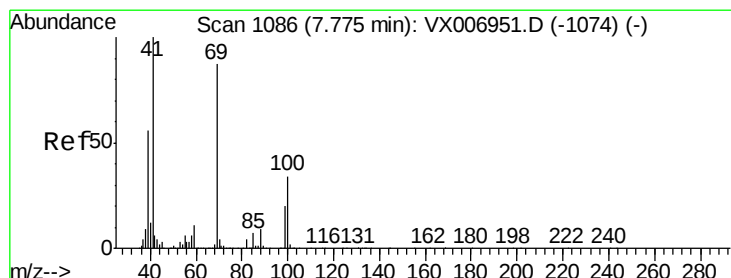
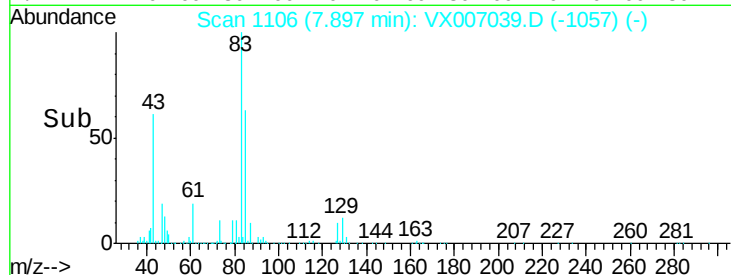
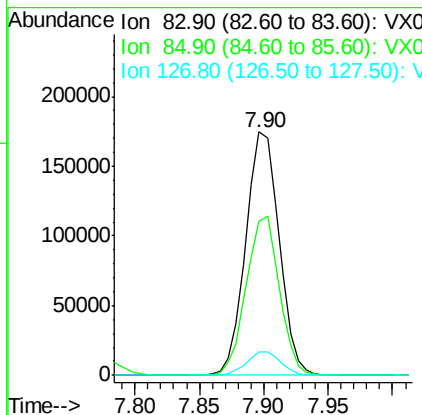
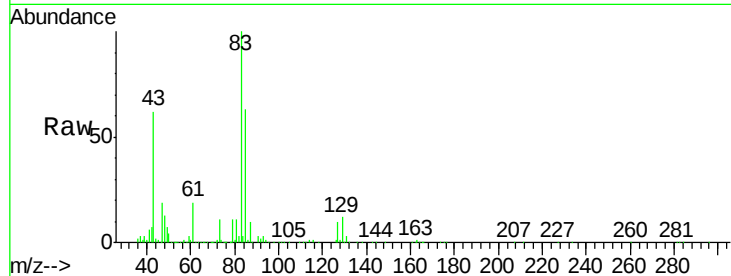
ClientSampleId :

WP022MW359-190109MS

Tot Ion:	83	Resp:	313643
Ion Ratio	Lower	Upper	
83	100		
85	63.0	53.2	79.8
127	9.7	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.132 ug/l

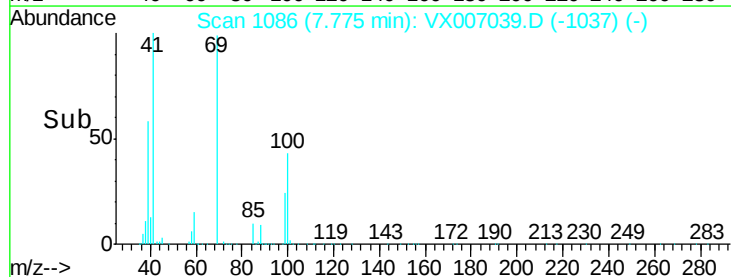
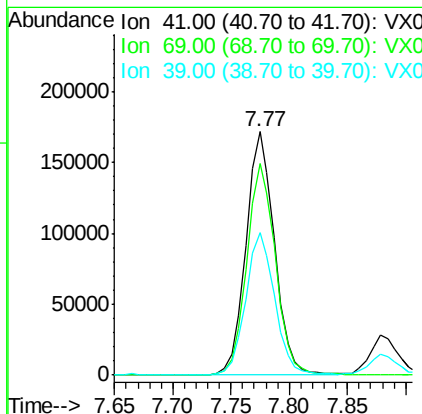
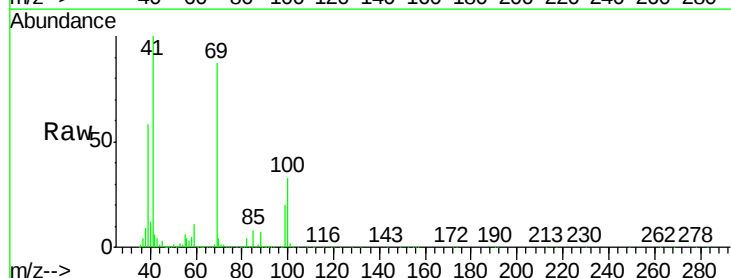
RT: 7.77 min Scan# 1086

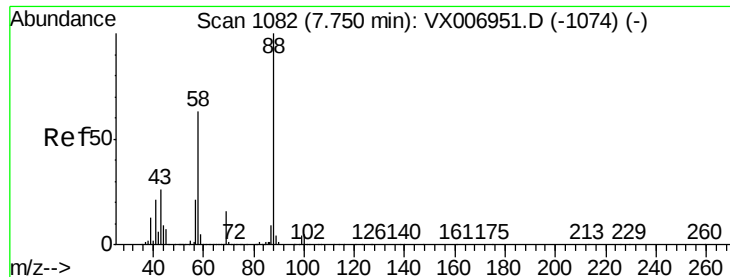
Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Tgt Ion:	41	Resp:	293215
Ion Ratio	Lower	Upper	
41	100		
69	88.3	72.4	108.6
39	59.3	45.8	68.8





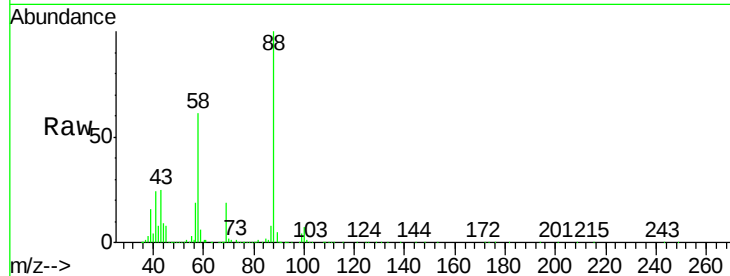
#49
1,4-Dioxane
Concen: 884.747 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MS

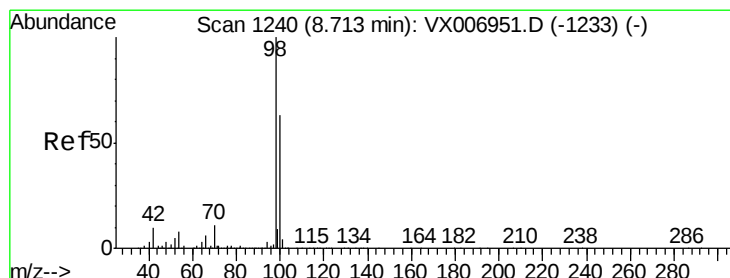
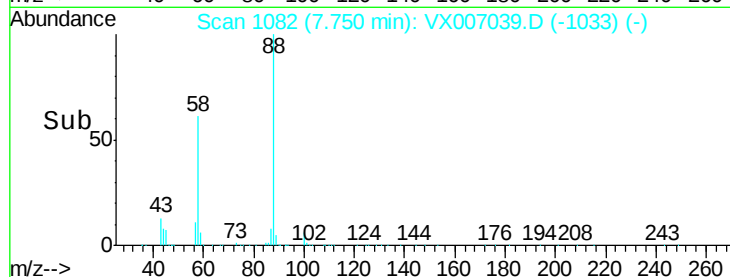
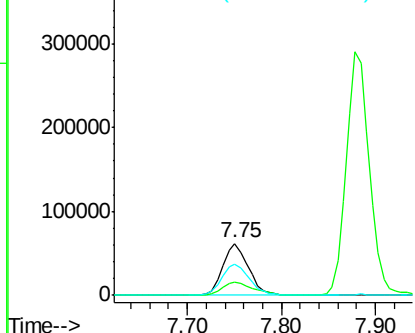
Tot Ion	Ratio	Lower	Upper
88	100		
43	30.8	22.2	33.4
58	65.3	51.0	76.4

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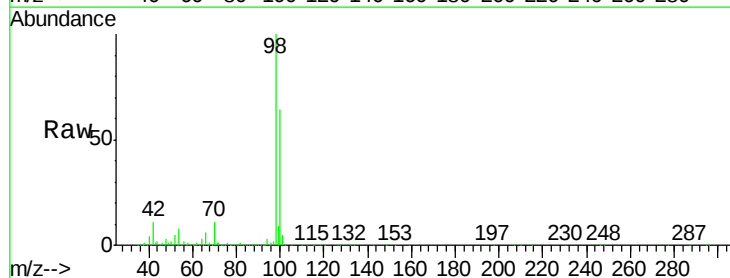


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

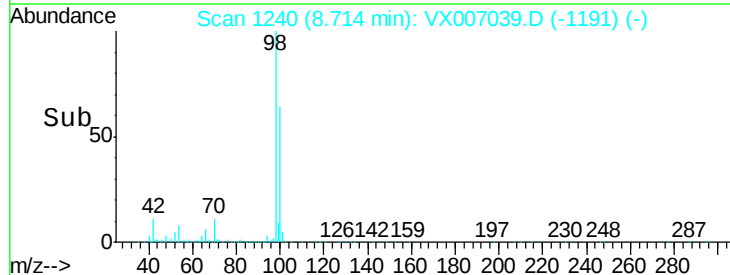
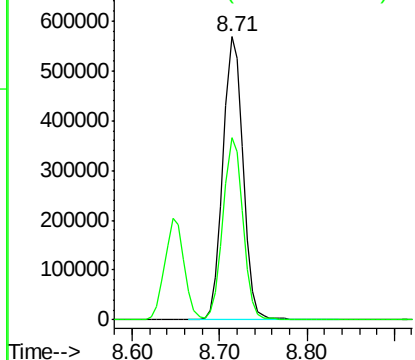


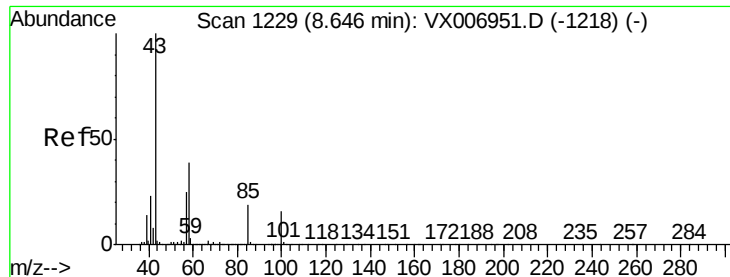
#50
Toluene-d8
Concen: 50.825 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.0	78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 267.614 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

Tot Ion: 43 Resp: 1920471

Ion Ratio Lower Upper

43 100

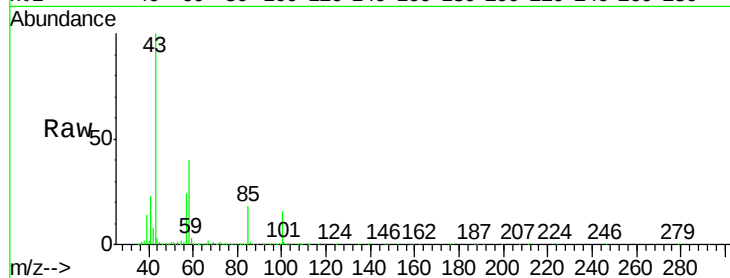
58 39.1 31.8 47.6

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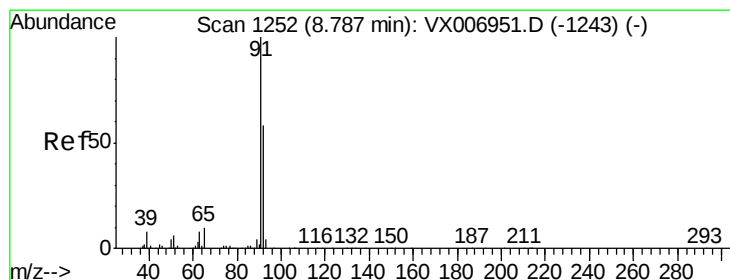
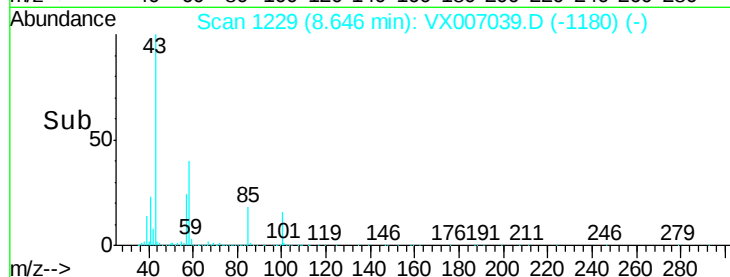
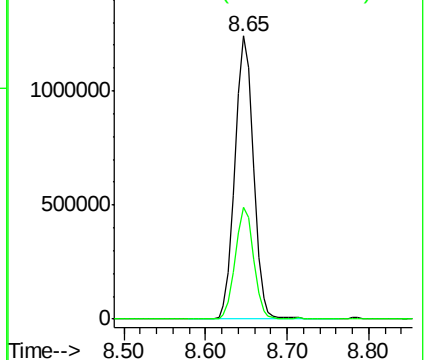
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.498 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007039.D

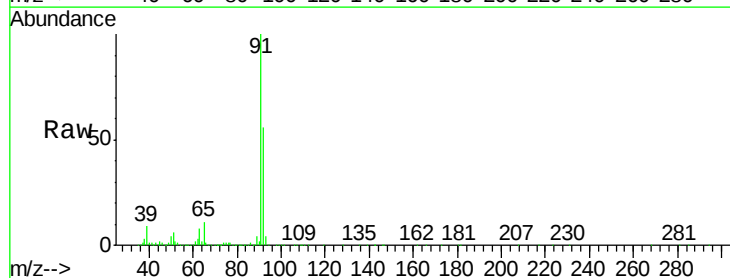
Acq: 14 Jan 2019 15:09

Tgt Ion: 92 Resp: 640999

Ion Ratio Lower Upper

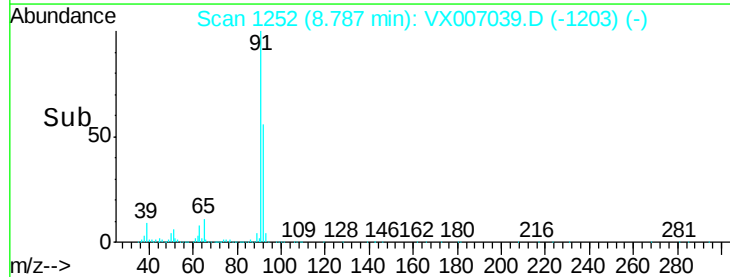
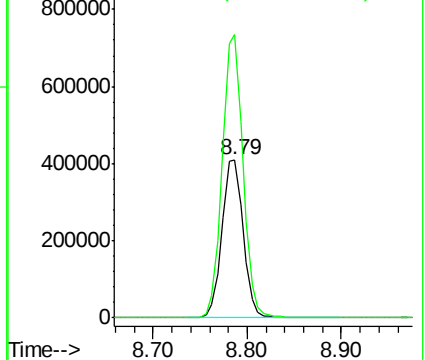
92 100

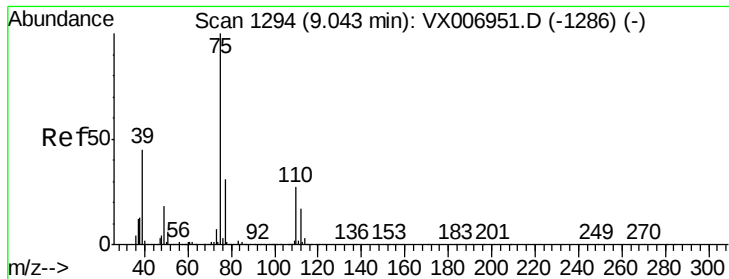
91 175.7 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





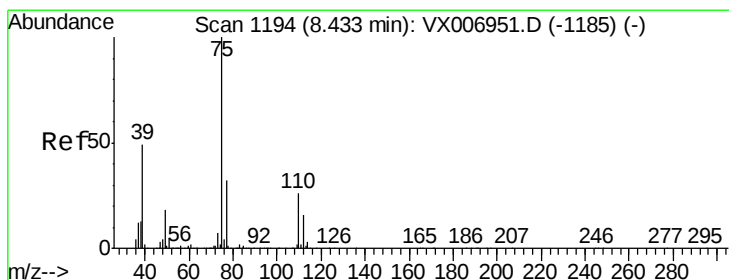
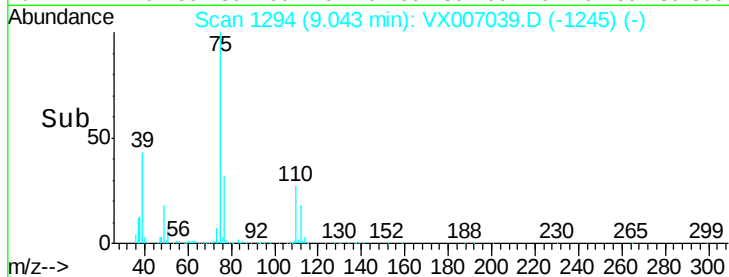
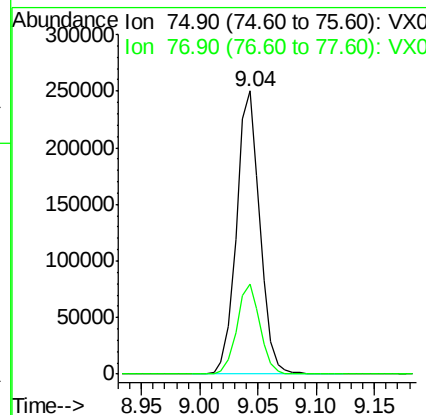
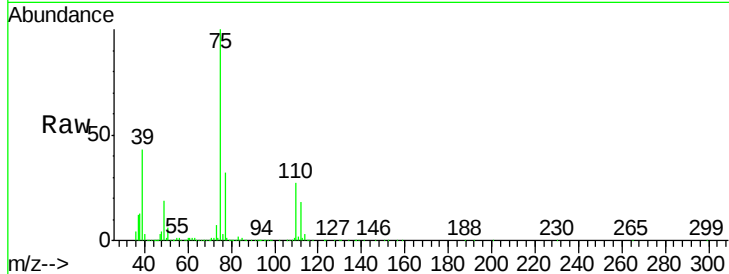
#53
t-1,3-Dichloropropene
Concen: 51.935 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.0

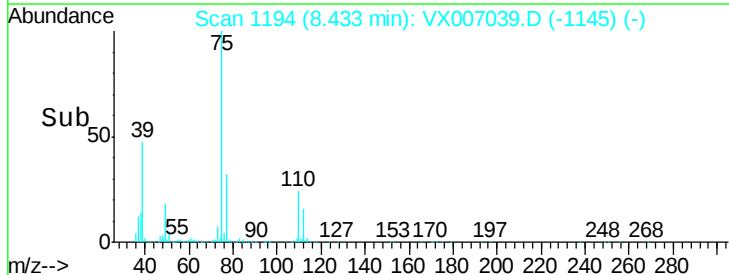
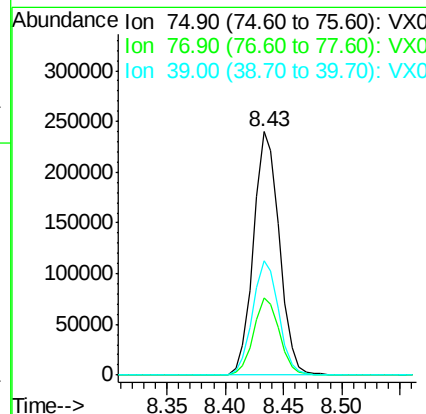
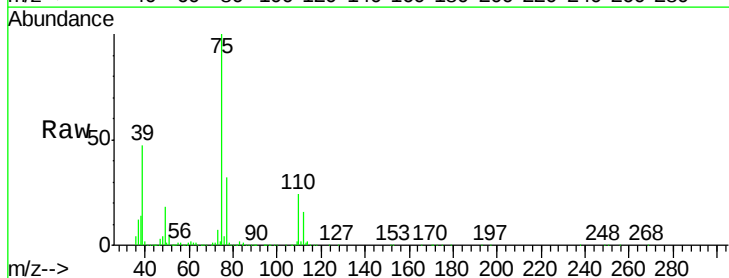
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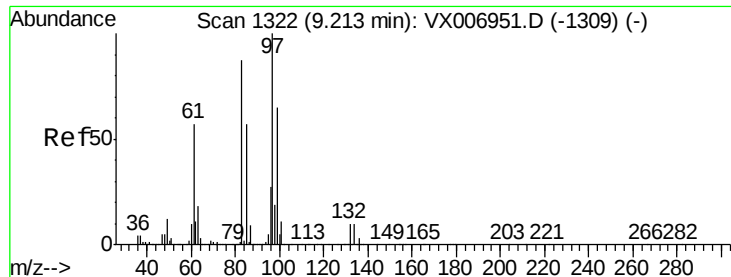
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#54
cis-1,3-Dichloropropene
Concen: 50.361 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	26.2	39.2
39	46.8	36.7	55.1





#55

1,1,2-Trichloroethane

Concen: 52.400 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

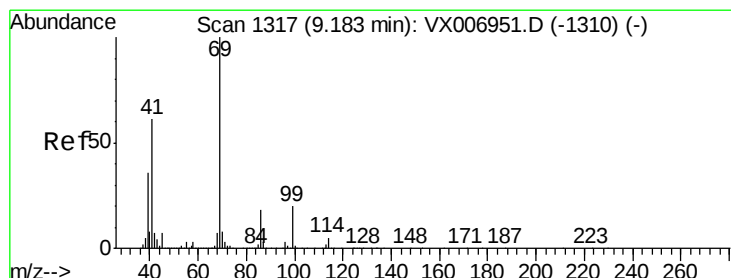
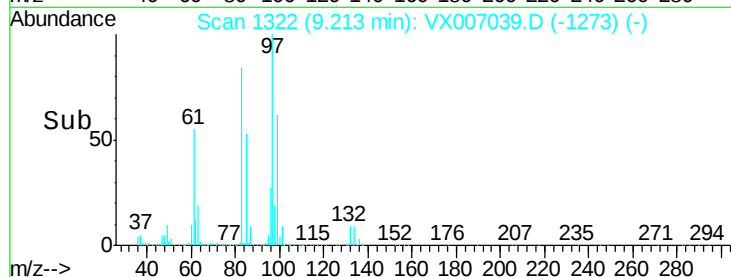
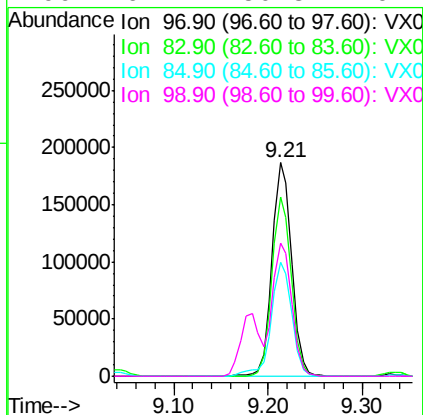
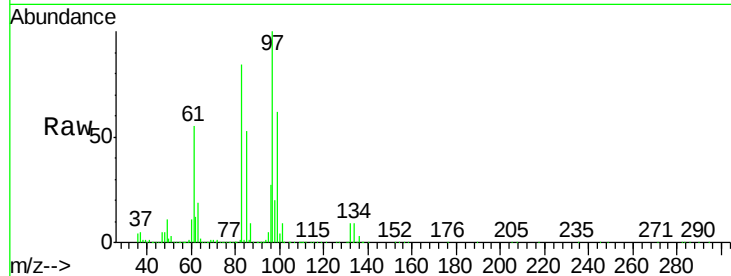
ClientSampleId :

WP022MW359-190109MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		271609		
83	83.6	66.6	99.8		
85	53.3	42.7	64.1		
99	62.4	50.8	76.2		

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#56

Ethyl methacrylate

Concen: 53.419 ug/l

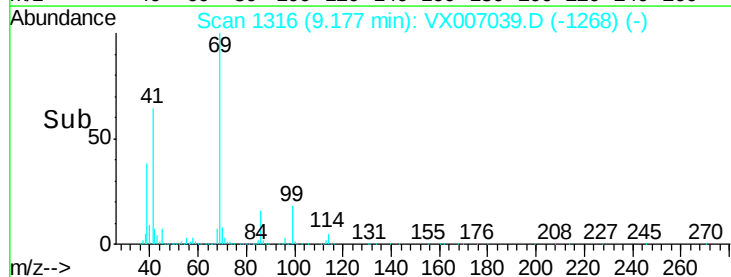
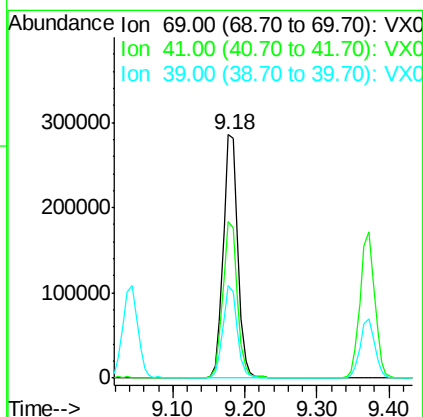
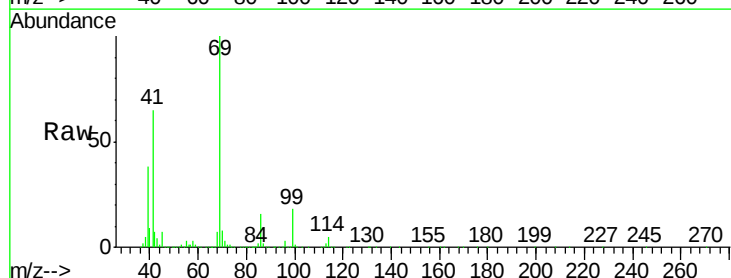
RT: 9.18 min Scan# 1316

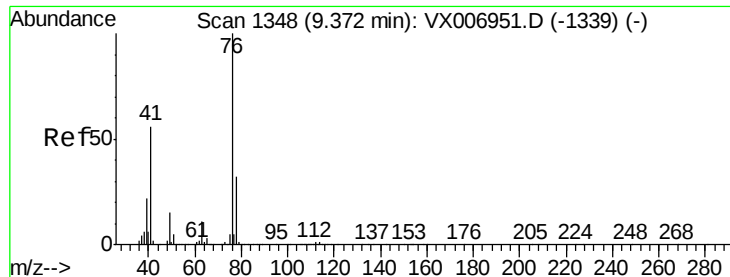
Delta R.T. -0.01 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		404228		
41	63.4	48.7	73.1		
39	37.1	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 50.168 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

Tot Ion: 76 Resp: 426022

Ion Ratio Lower Upper

76 100

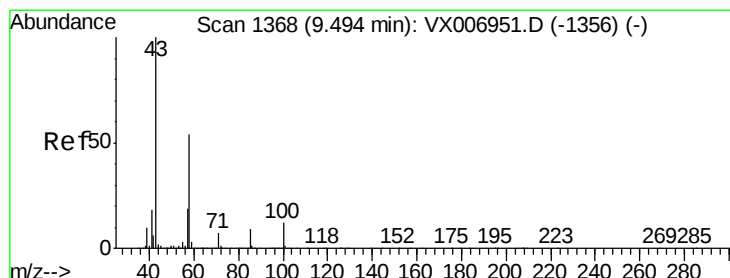
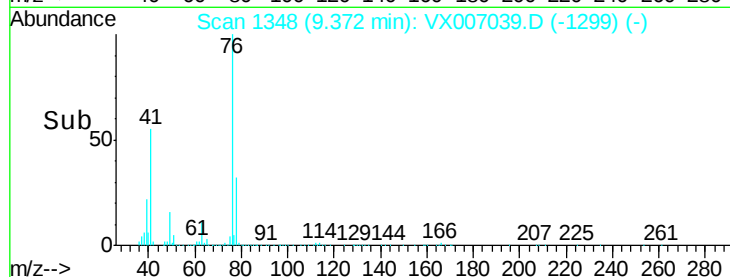
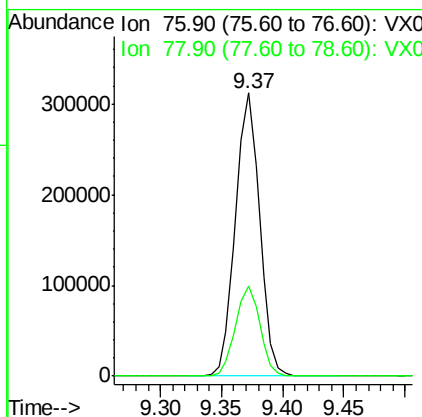
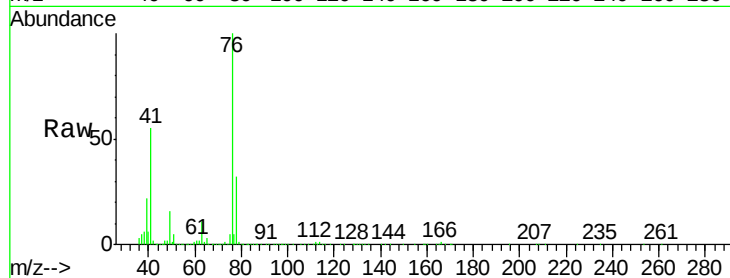
78 32.4 26.0 39.0

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#59

2-Hexanone

Concen: 263.650 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX007039.D

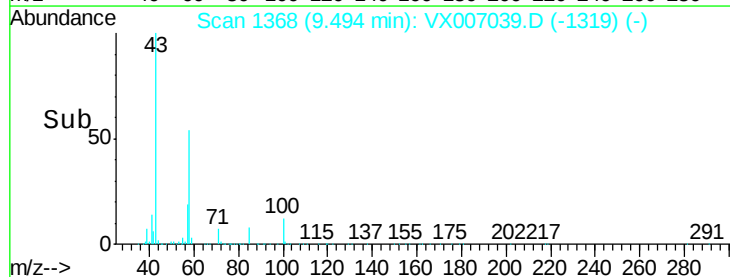
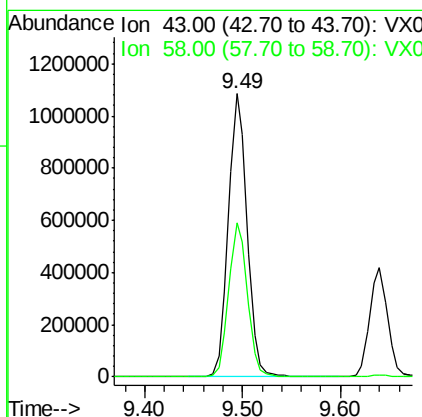
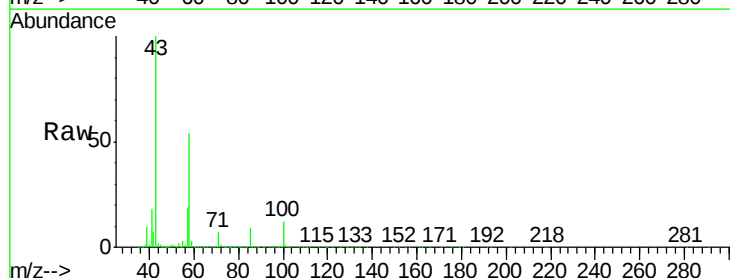
Acq: 14 Jan 2019 15:09

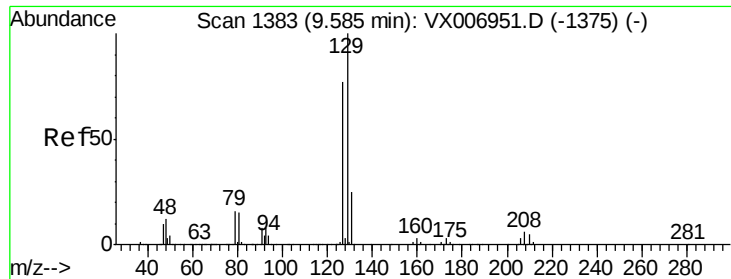
Tgt Ion: 43 Resp: 1441830

Ion Ratio Lower Upper

43 100

58 54.7 27.7 83.1





#60

Dibromochloromethane

Concen: 55.211 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

Tot Ion:129 Resp: 277889

Ion Ratio Lower Upper

129 100

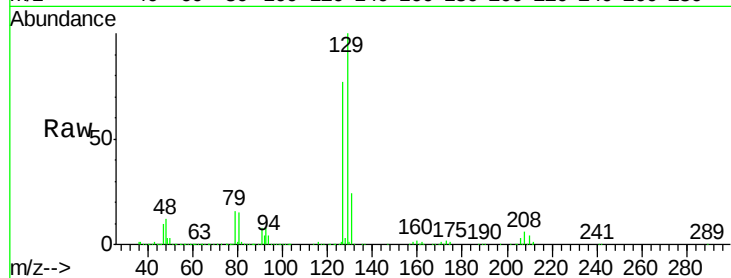
127 77.3 39.3 117.8

Manual Integrations

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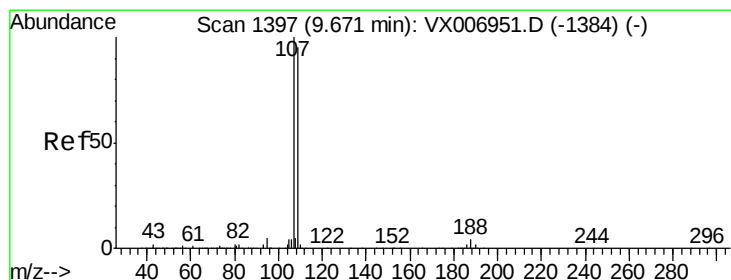
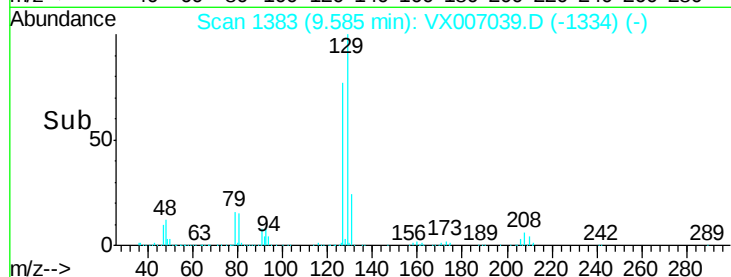
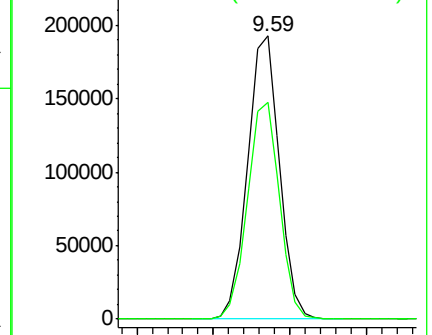
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 51.026 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007039.D

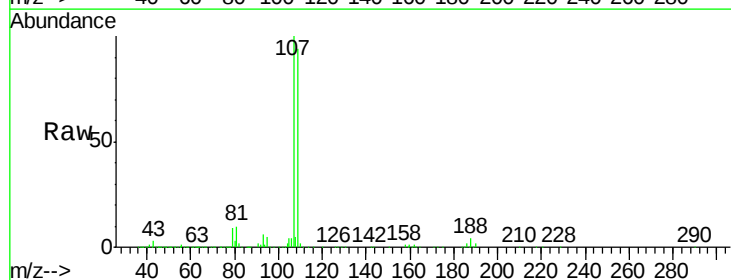
Acq: 14 Jan 2019 15:09

Tgt Ion:107 Resp: 291173

Ion Ratio Lower Upper

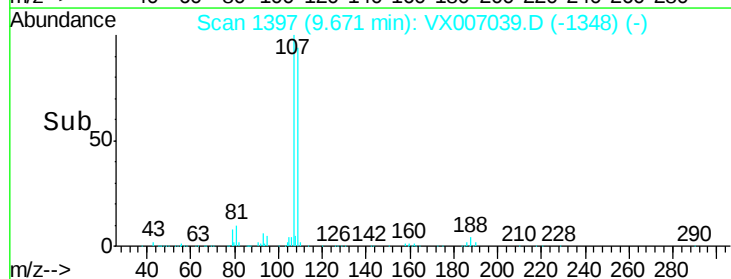
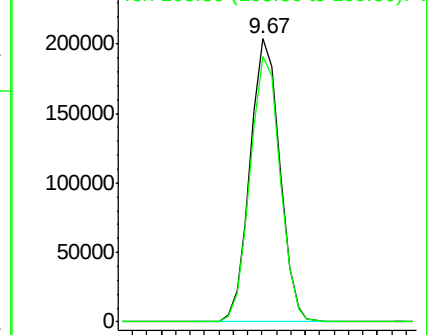
107 100

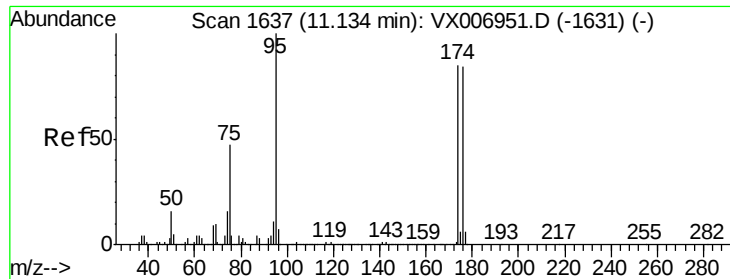
109 95.1 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





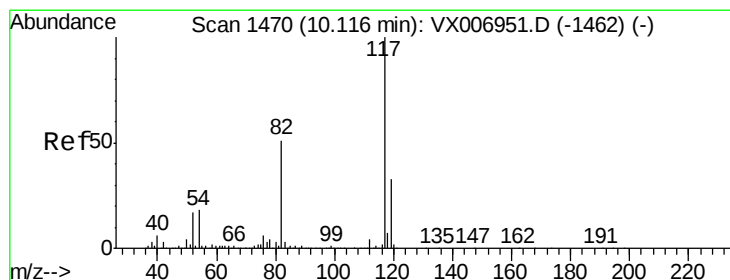
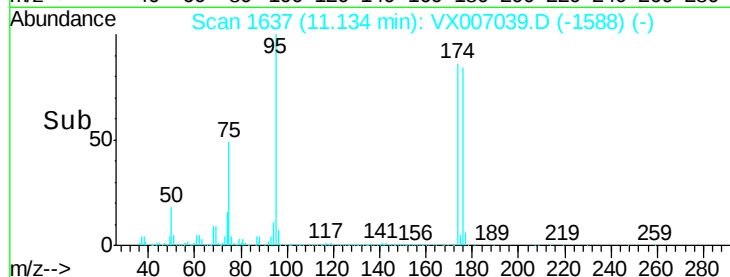
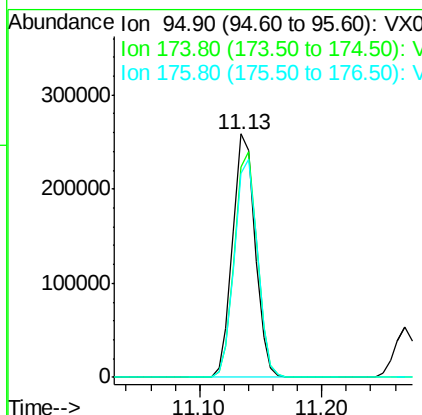
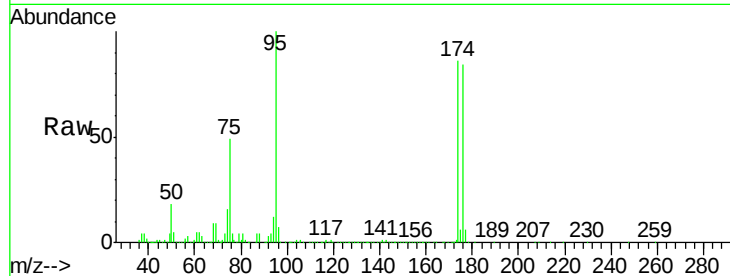
#62
4-Bromofluorobenzene
Concen: 52.947 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100			
174	93.5	0.0	182.2	
176	91.1	0.0	178.8	

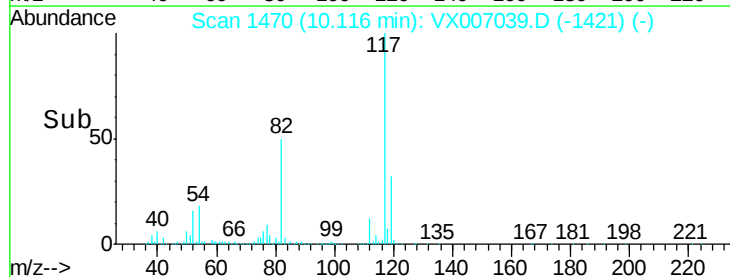
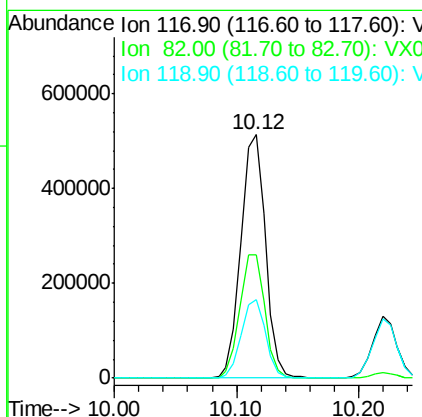
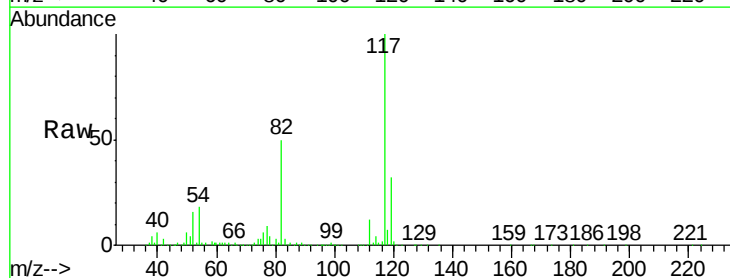
Manual Integrations
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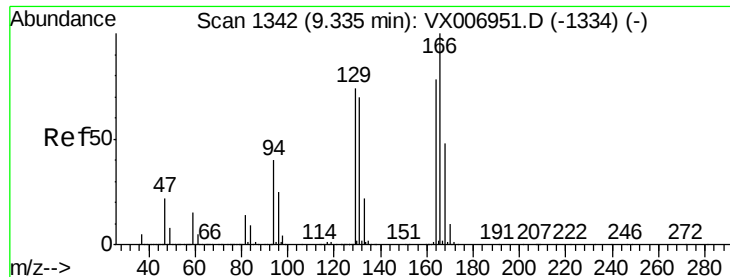
MMDadoda
1/15/2019 11:13:26 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
82	50.5	41.0	61.6	
119	32.0	25.4	38.0	





#64

Tetrachloroethene

Concen: 45.011 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

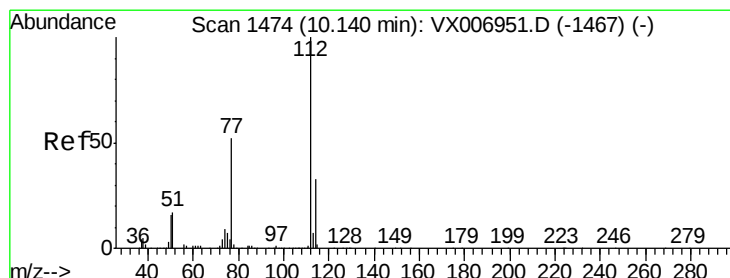
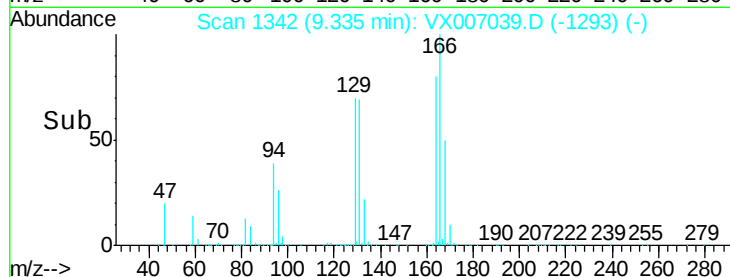
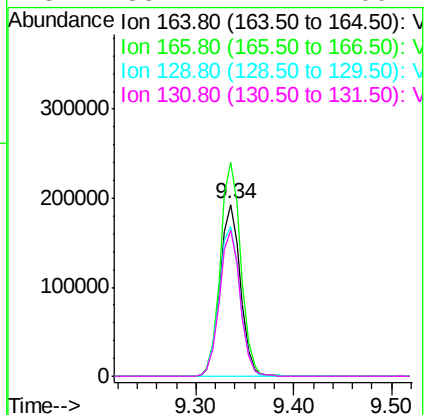
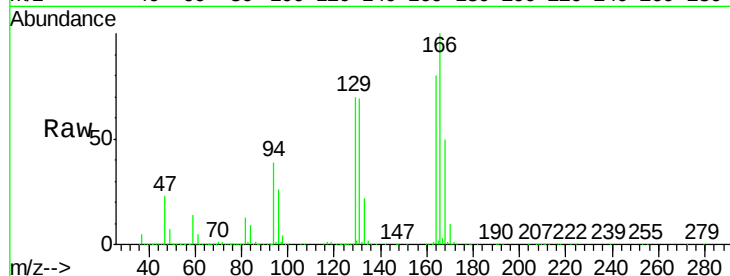
ClientSampleId :

WP022MW359-190109MS

Tot Ion:	164	Resp:	279027
Ion Ratio	Lower	Upper	
164	100		
166	124.5	102.5	153.7
129	87.4	75.1	112.7
131	85.4	72.7	109.1

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#65

Chlorobenzene

Concen: 174.300 ug/l

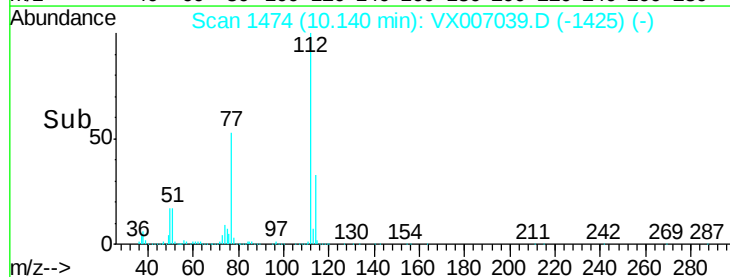
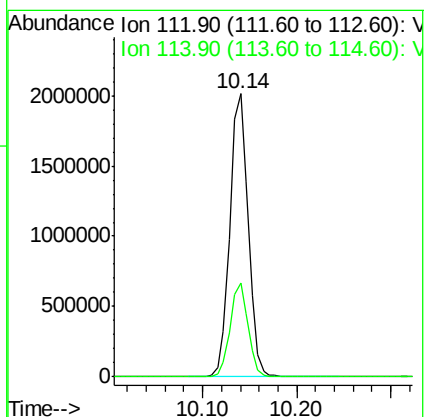
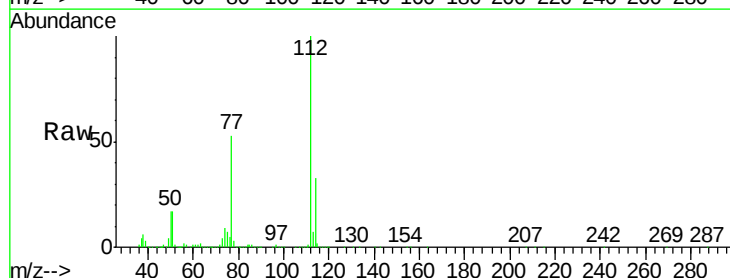
RT: 10.14 min Scan# 1474

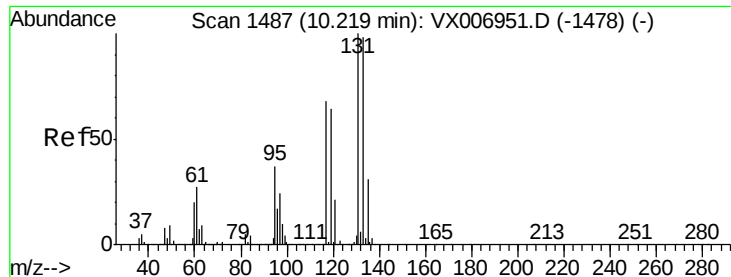
Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Tgt Ion:	112	Resp:	2722026
Ion Ratio	Lower	Upper	
112	100		
114	33.0	25.7	38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 50.740 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

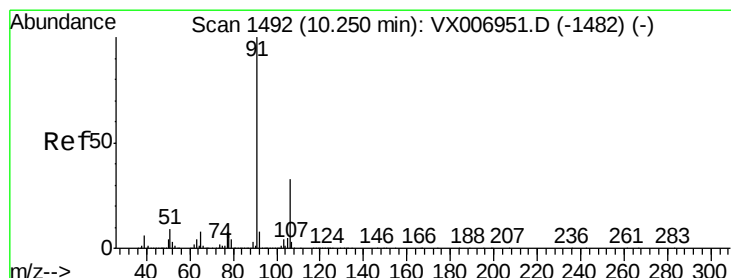
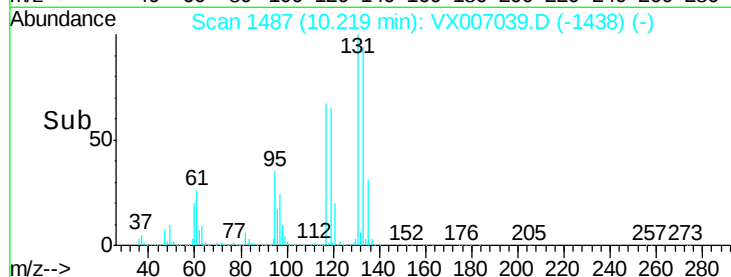
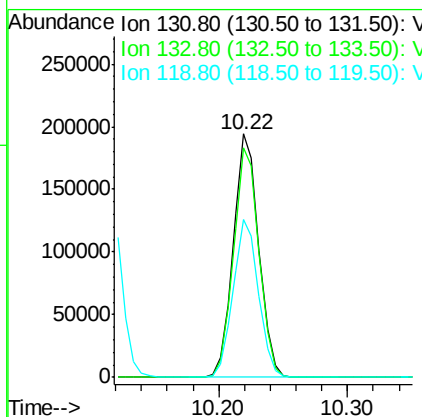
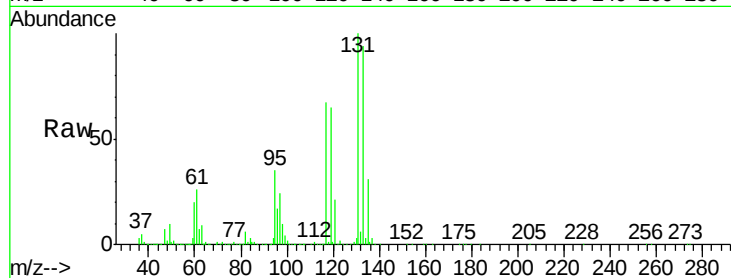
ClientSampleId :

WP022MW359-190109MS

Tot Ion:	131	Resp:	266565
Ion Ratio	Lower	Upper	
131	100		
133	94.5	48.0	144.2
119	64.9	32.6	97.8

Manual Integrations
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#67

Ethyl Benzene

Concen: 47.570 ug/l

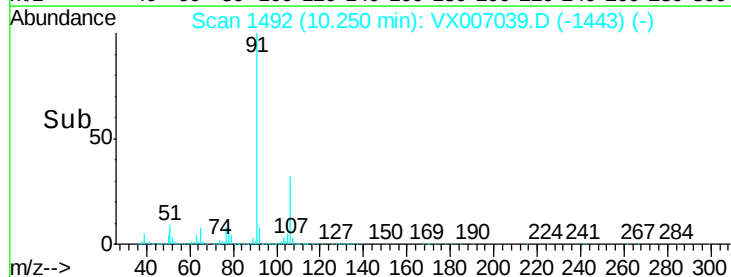
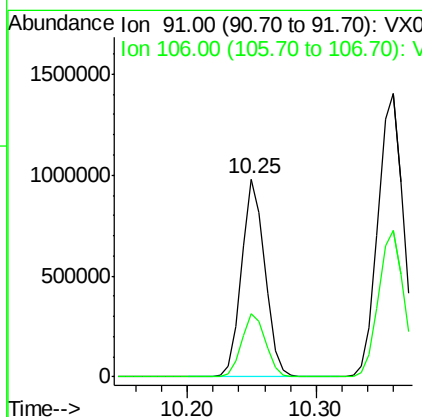
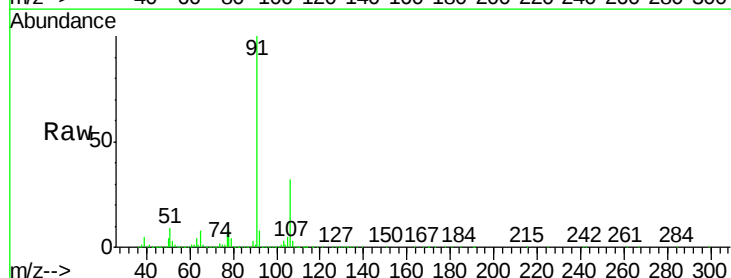
RT: 10.25 min Scan# 1492

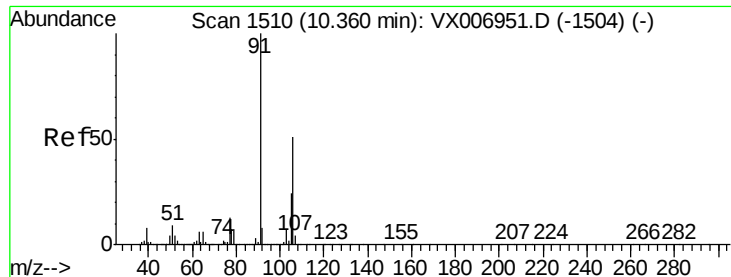
Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Tgt Ion:	91	Resp:	1226419
Ion Ratio	Lower	Upper	
91	100		
106	32.0	26.4	39.6





#68

m/p-Xvlenes

Concen: 96.357 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

Tot Ion:106 Resp: 978754

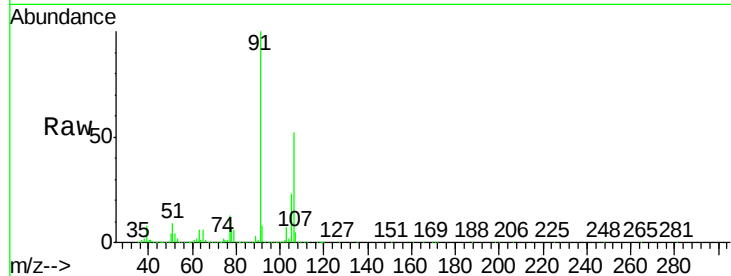
Ion Ratio Lower Upper

106 100

91 195.2 155.8 233.6

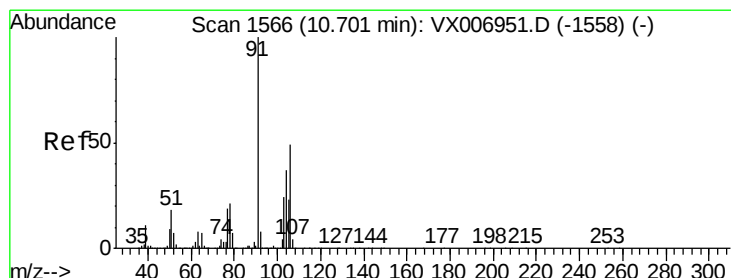
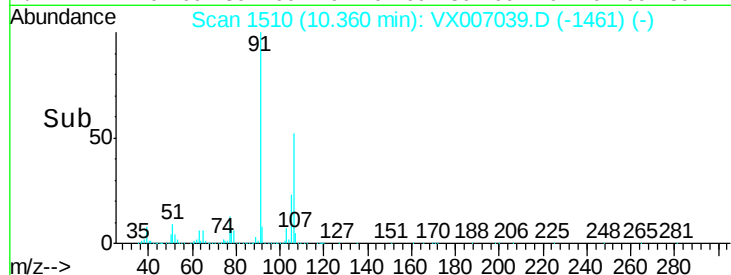
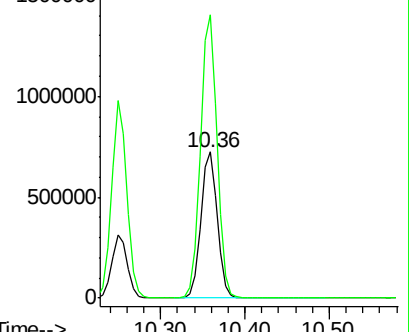
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 48.596 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX007039.D

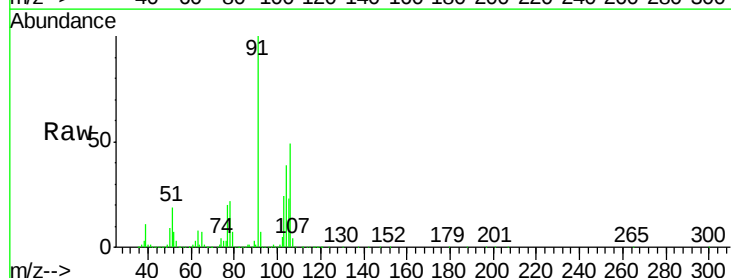
Acq: 14 Jan 2019 15:09

Tgt Ion:106 Resp: 481397

Ion Ratio Lower Upper

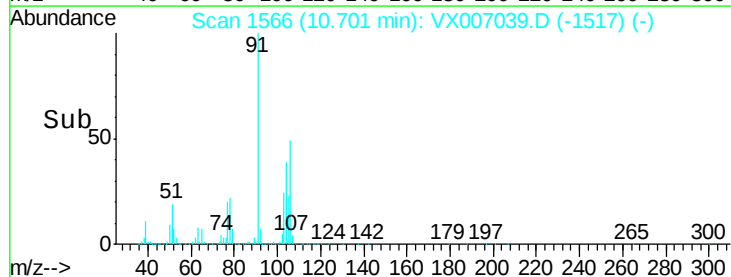
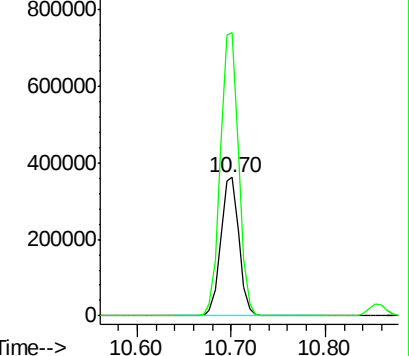
106 100

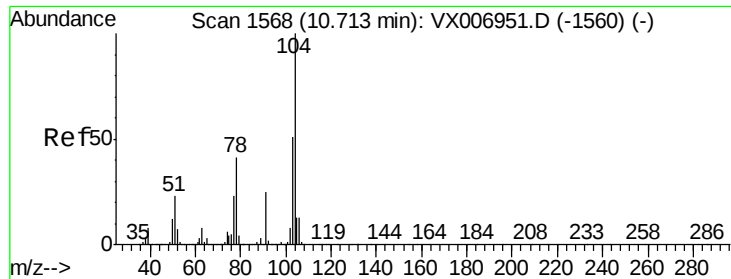
91 205.6 101.3 303.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





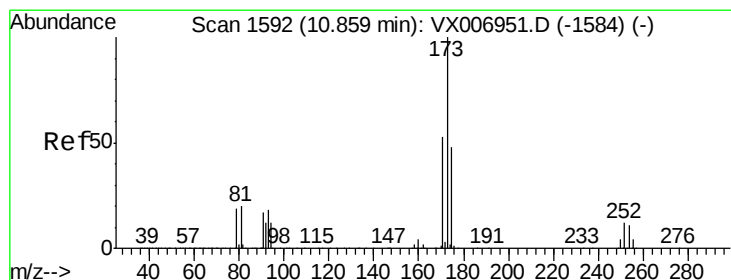
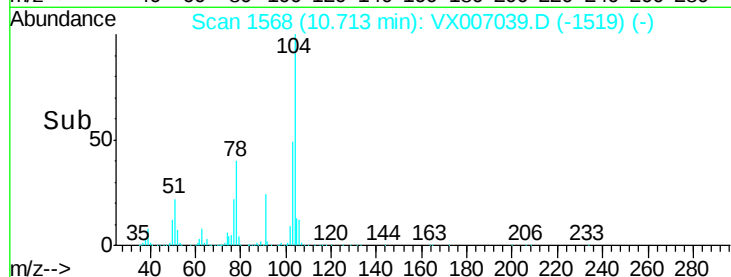
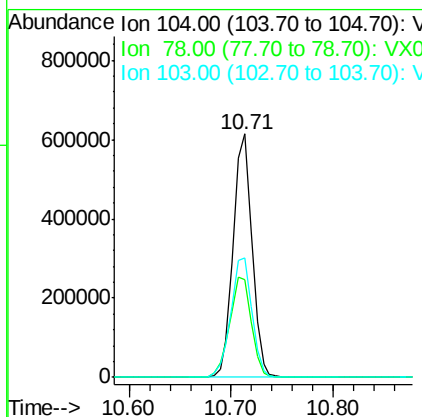
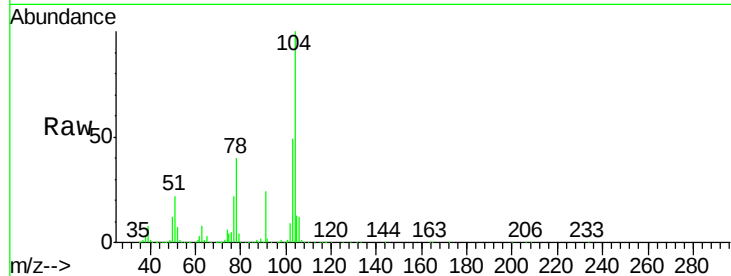
#70
Stvrene
Concen: 49.962 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.2	37.7	56.5
103	55.0	43.8	65.8

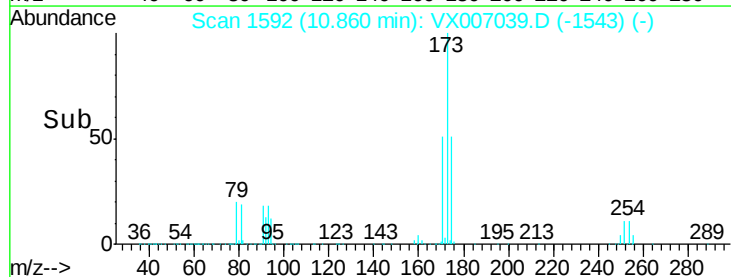
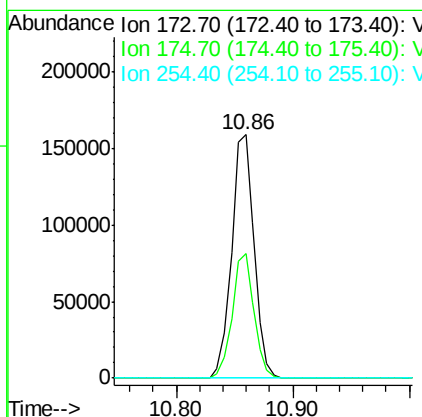
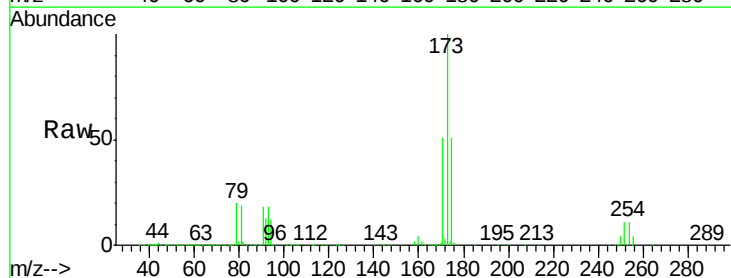
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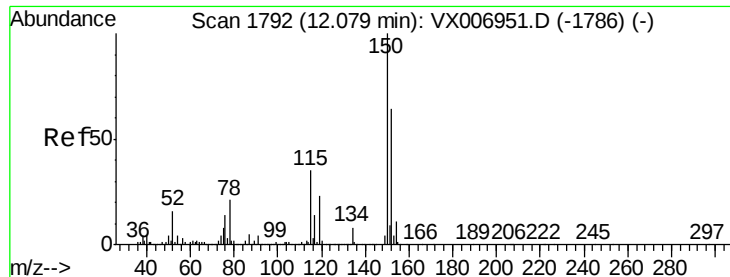
MMDadoda
1/15/2019 11:13:26 AM



#71
Bromoform
Concen: 45.932 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.7	74.1
254	0.2	0.2	0.2





#72

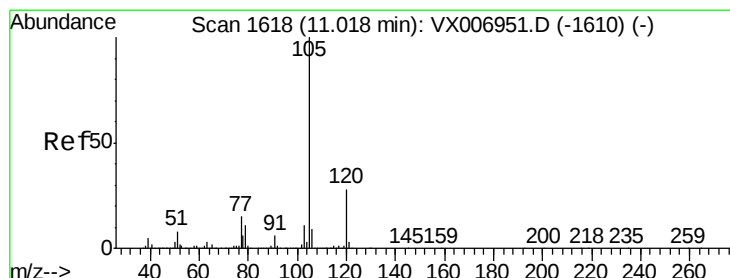
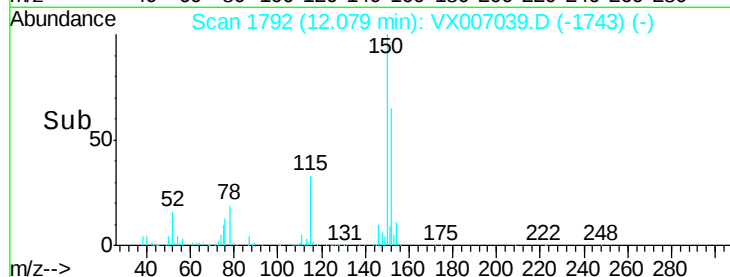
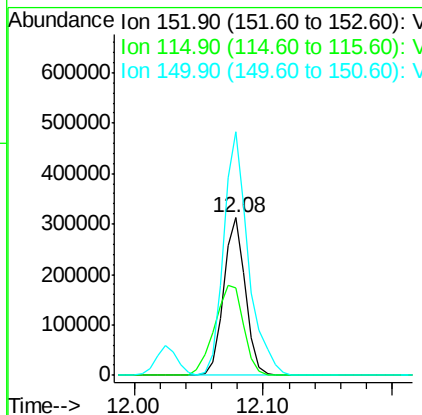
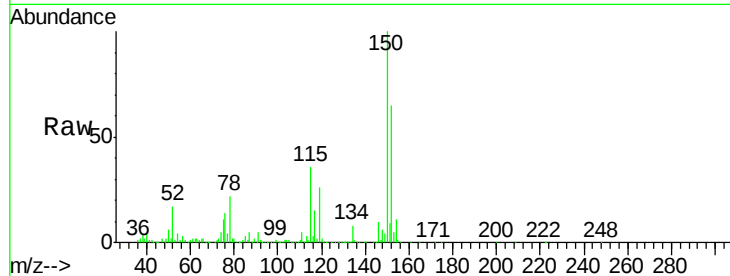
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MS

Tot Ion	Ratio	Lower	Upper
152	100		
115	76.7	39.1	117.2
150	174.9	0.0	344.8

Manual Integrations
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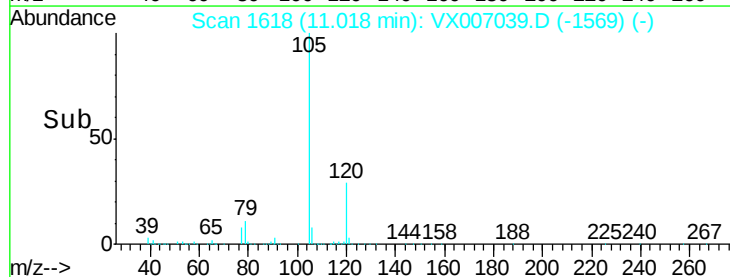
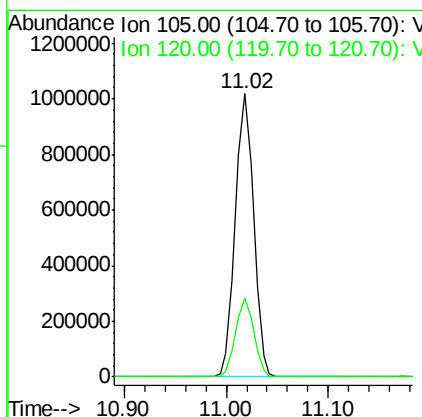
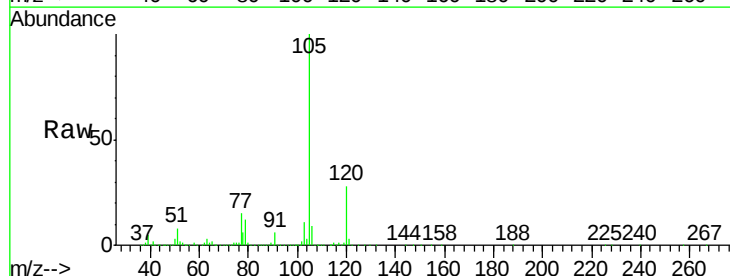
MMDadoda
1/15/2019 11:13:26 AM

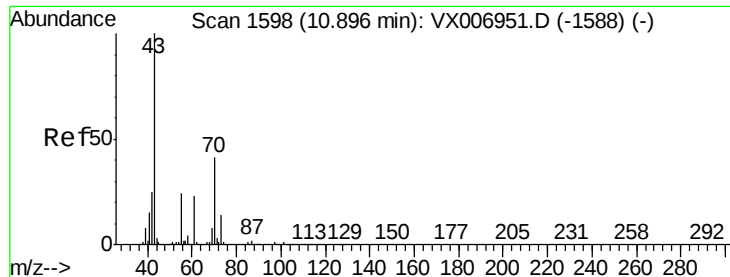


#73

Isopropylbenzene
Concen: 48.331 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.7	14.1	42.4





#74

N-amvl acetate

Concen: 50.675 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

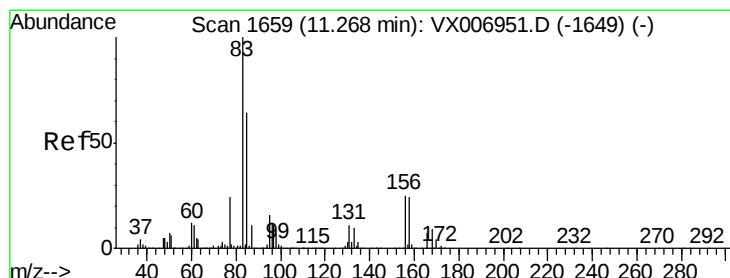
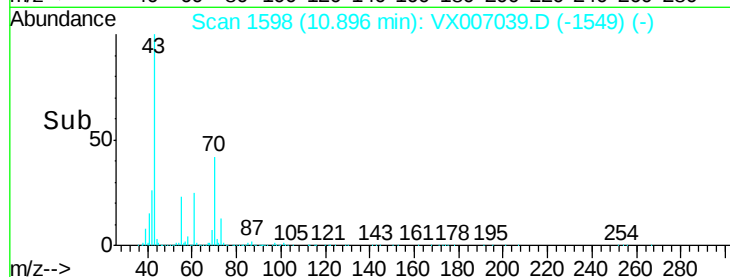
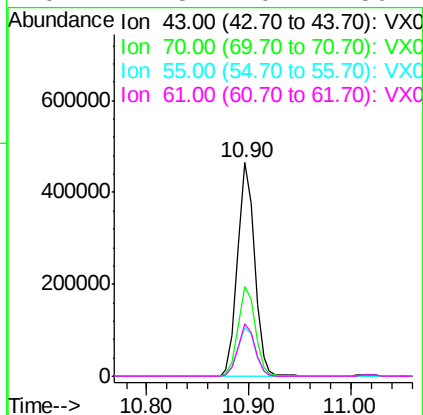
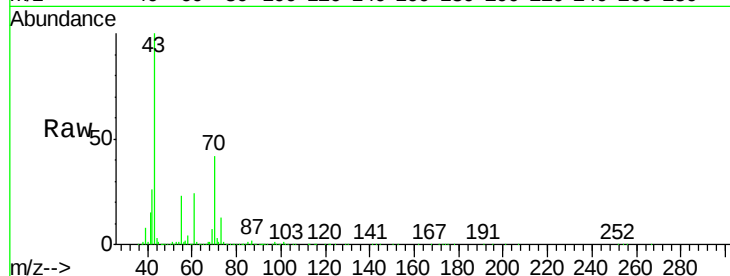
ClientSampleId :

WP022MW359-190109MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	42.3	35.8	53.8	
55	23.6	19.4	29.0	
61	24.3	20.1	30.1	

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#75

1,1,2,2-Tetrachloroethane

Concen: 48.580 ug/l

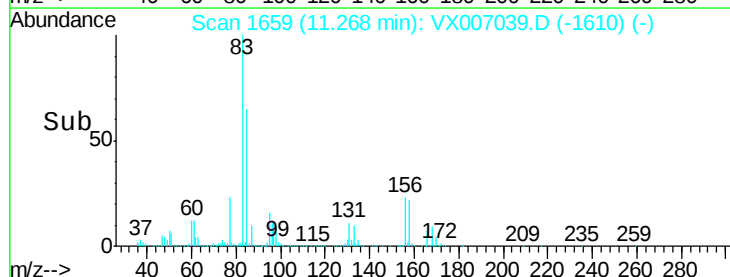
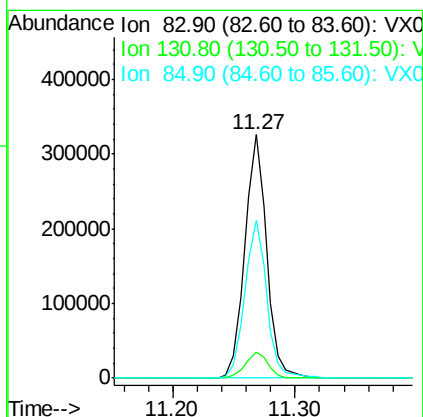
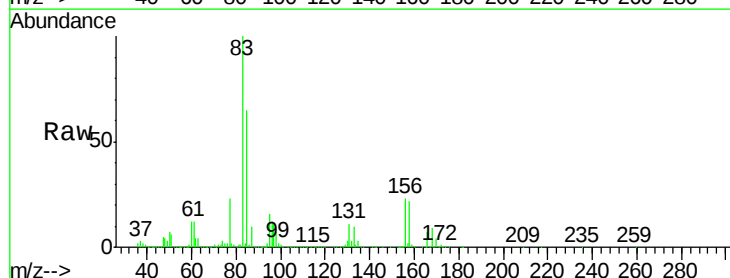
RT: 11.27 min Scan# 1659

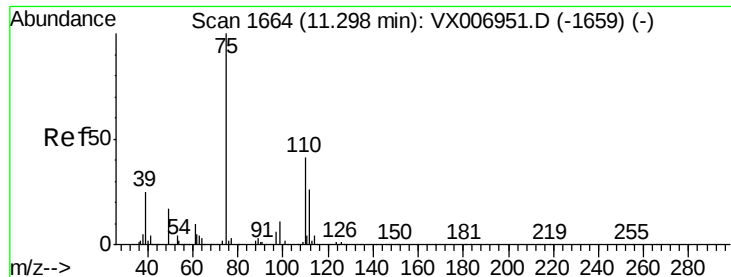
Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	11.0	5.7	17.1	
85	64.8	32.2	96.6	





#76

1,2,3-Trichloropropane

Concen: 50.719 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

Tot Ion: 75 Resp: 380529

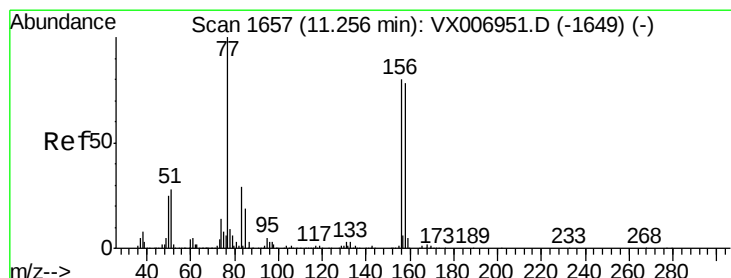
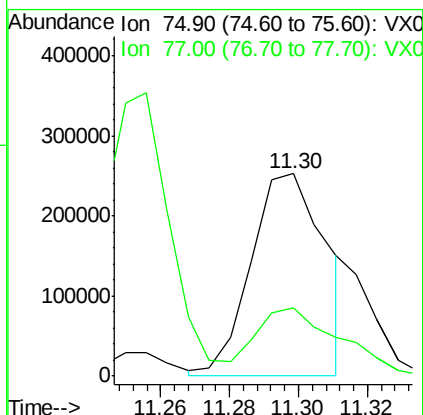
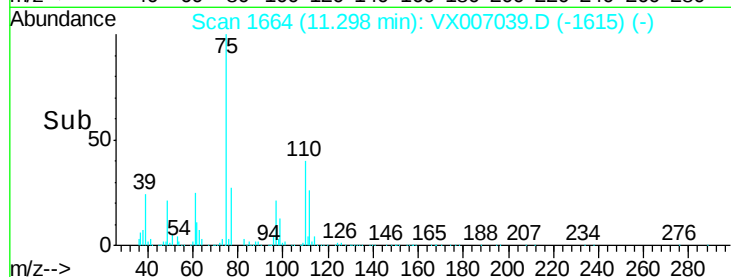
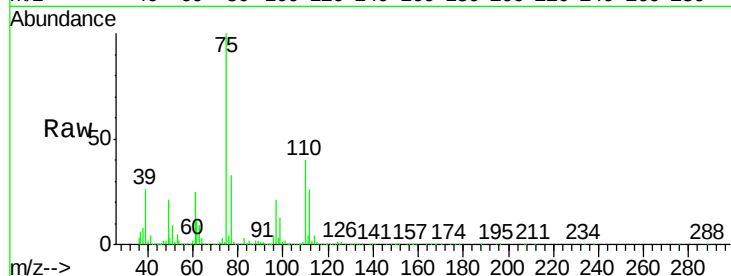
Ion Ratio Lower Upper

75 100

77 37.6 18.5 55.5

Manual Integrations
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#77

Bromobenzene

Concen: 48.145 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

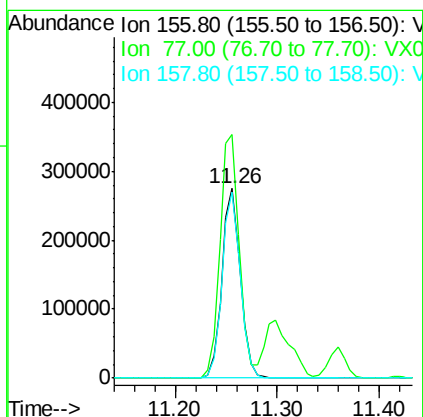
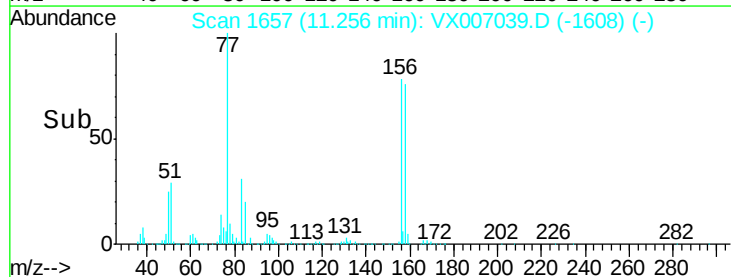
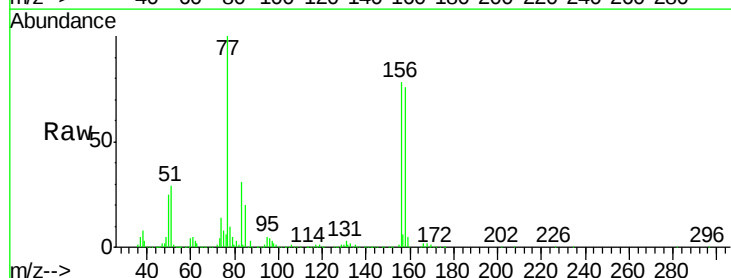
Tgt Ion: 156 Resp: 346331

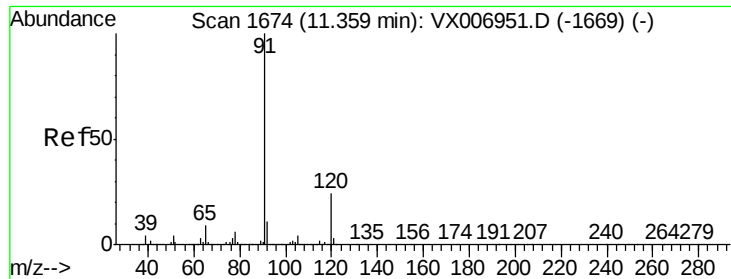
Ion Ratio Lower Upper

156 100

77 136.2 68.0 204.0

158 97.5 48.3 144.8





#78

n-propylbenzene

Concen: 49.327 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

Tot Ion: 91 Resp: 1413723

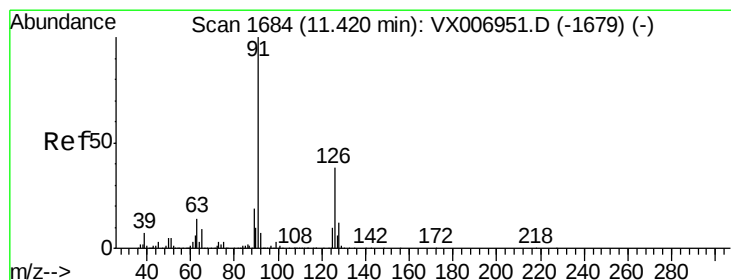
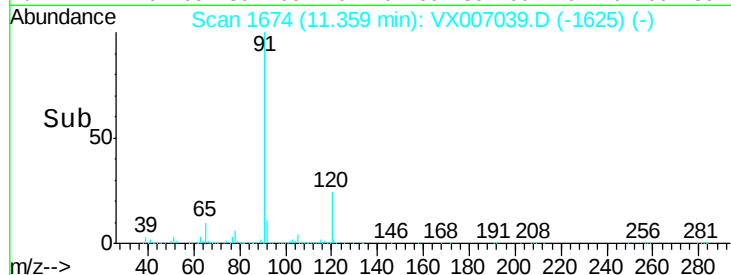
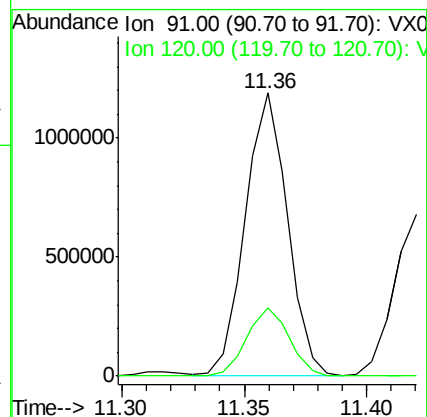
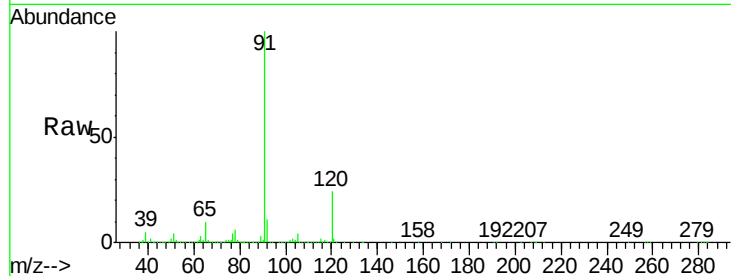
Ion Ratio Lower Upper

91 100

120 24.7 12.7 38.0

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#79

2-Chlorotoluene

Concen: 48.434 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007039.D

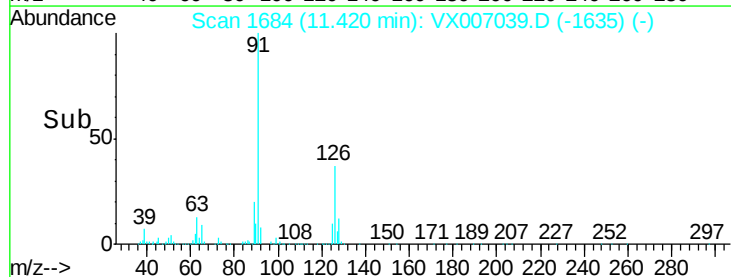
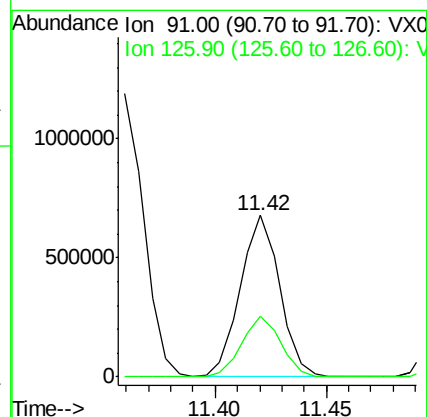
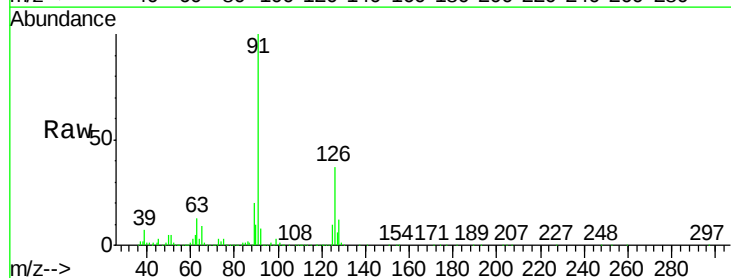
Acq: 14 Jan 2019 15:09

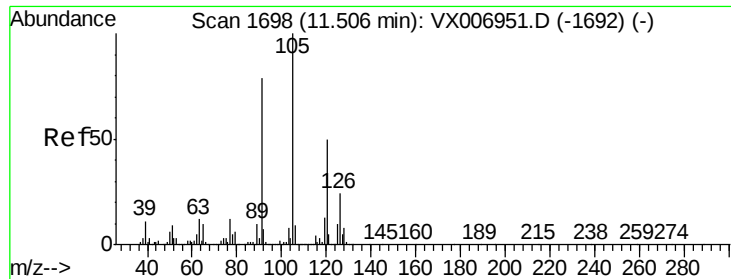
Tgt Ion: 91 Resp: 835593

Ion Ratio Lower Upper

91 100

126 37.3 18.6 56.0





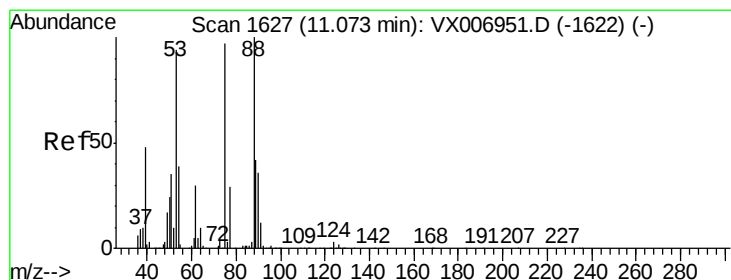
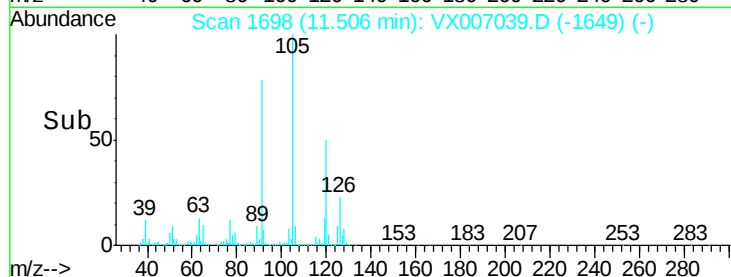
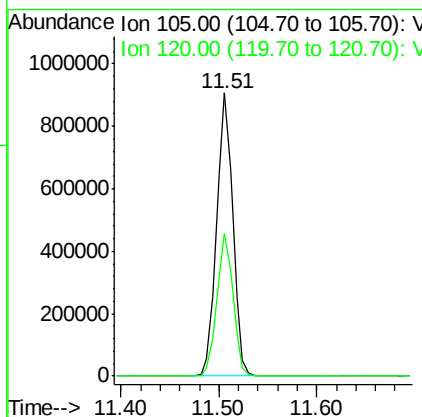
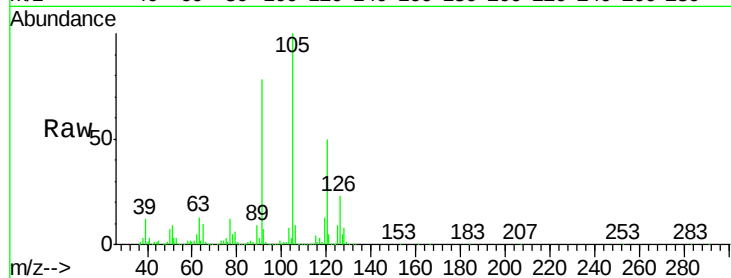
#80
 1,3,5-Trimethylbenzene
 Concen: 47.671 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007039.D
 Acq: 14 Jan 2019 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190109MS

Tot Ion:105 Resp: 1039926
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.1 75.3

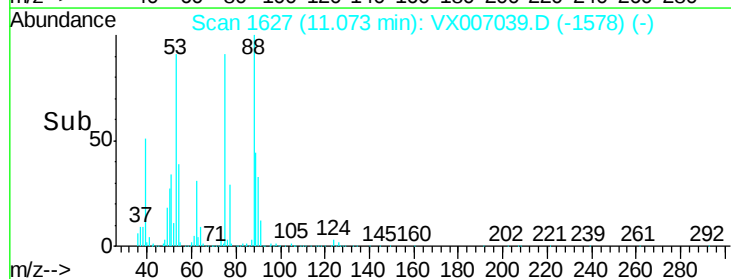
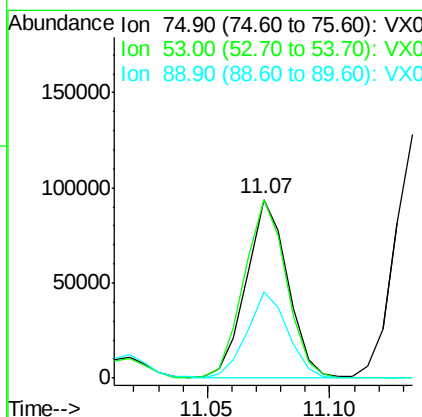
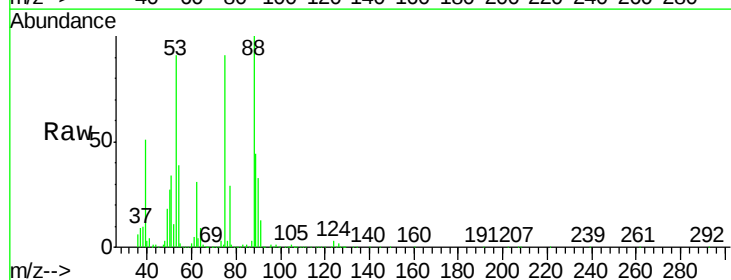
Manual Integrations
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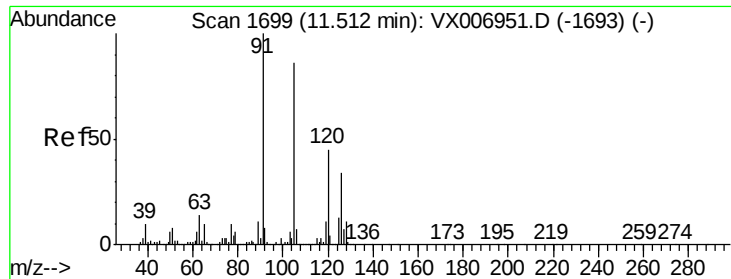
MMDadoda
 1/15/2019 11:13:26 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.729 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX007039.D
 Acq: 14 Jan 2019 15:09

Tgt Ion: 75 Resp: 110128
 Ion Ratio Lower Upper
 75 100
 53 102.2 79.7 119.5
 89 48.0 38.0 57.0





#82

4-Chlorotoluene

Concen: 48.401 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

Tot Ion: 91 Resp: 966815

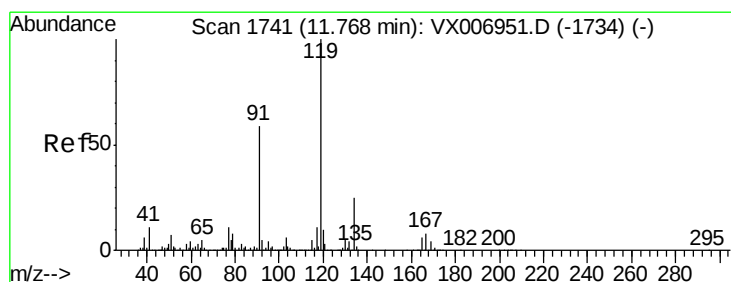
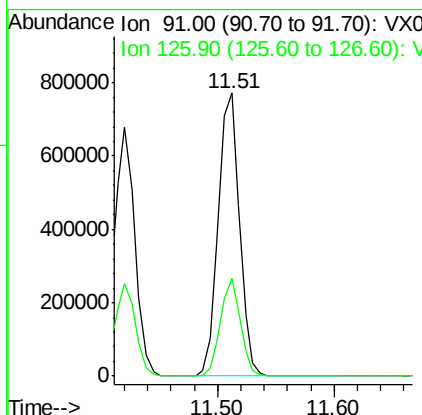
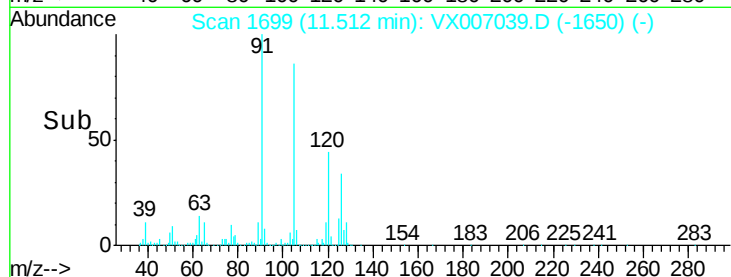
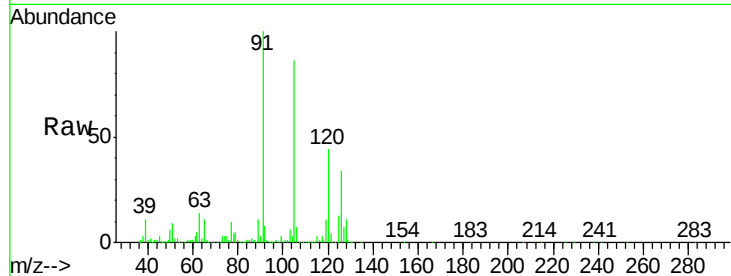
Ion Ratio Lower Upper

91 100

126 32.9 16.3 48.9

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#83

tert-Butylbenzene

Concen: 49.324 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

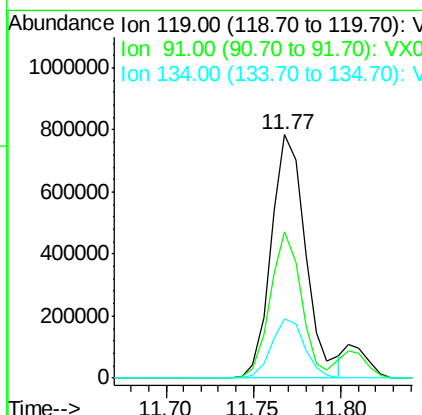
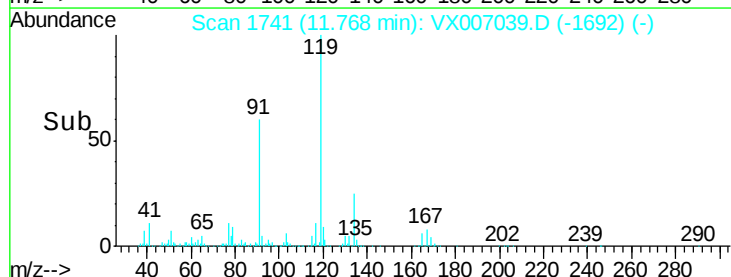
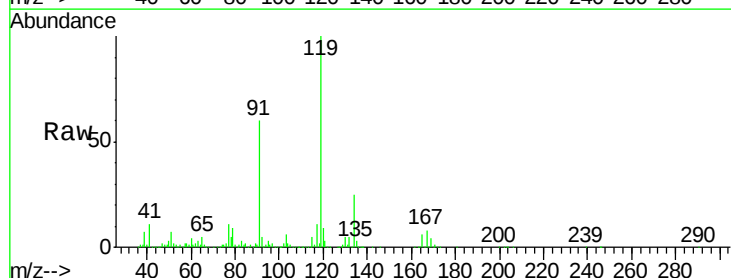
Tgt Ion: 119 Resp: 1073530

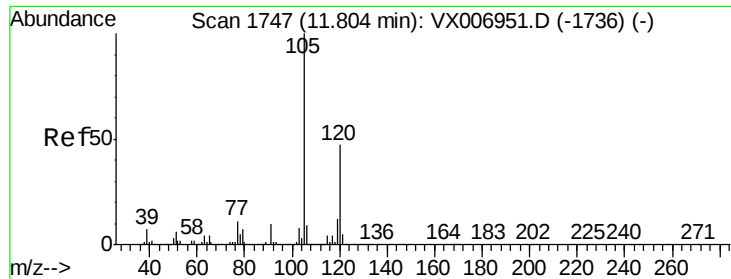
Ion Ratio Lower Upper

119 100

91 54.6 27.7 83.1

134 23.5 11.9 35.5





#84

1,2,4-Trimethylbenzene

Concen: 48.397 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

Tot Ion:105 Resp: 1061651

Ion Ratio Lower Upper

105 100

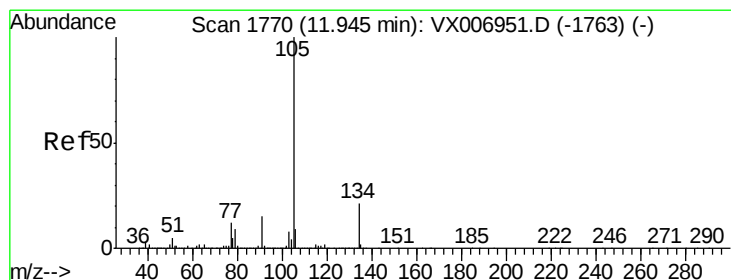
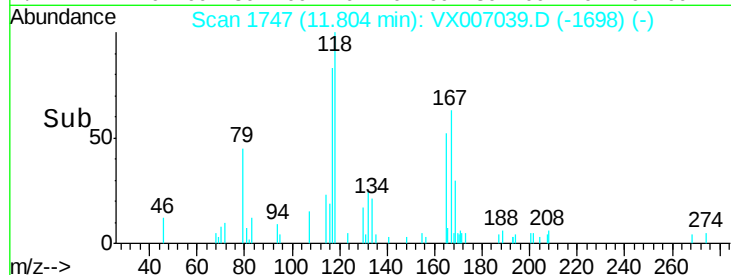
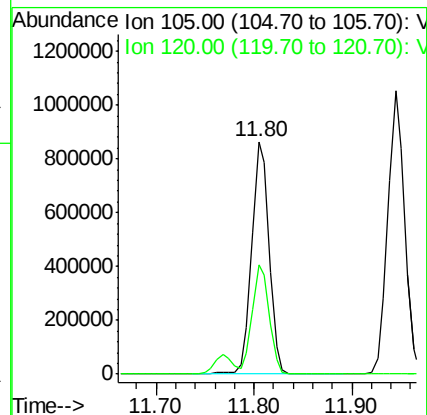
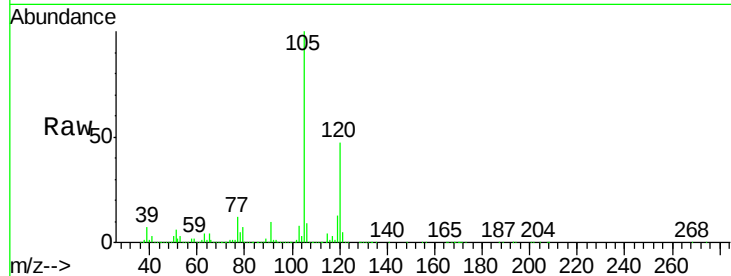
120 46.3 23.2 69.6

Manual Integrations

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#85

sec-Butylbenzene

Concen: 48.399 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007039.D

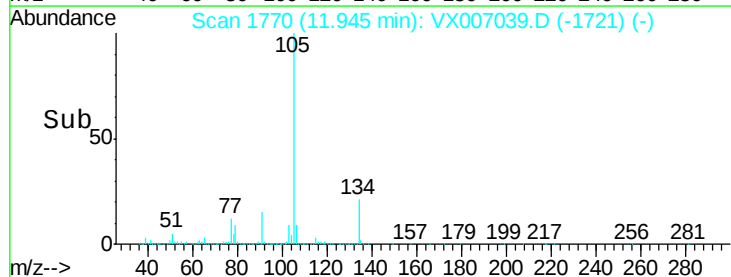
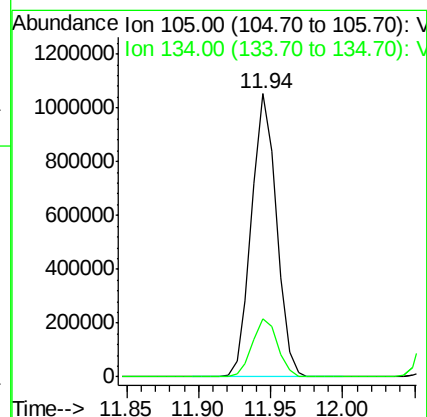
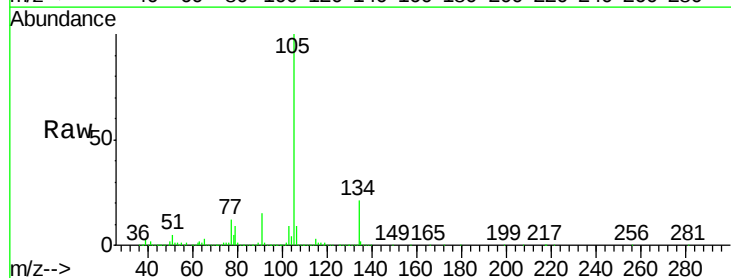
Acq: 14 Jan 2019 15:09

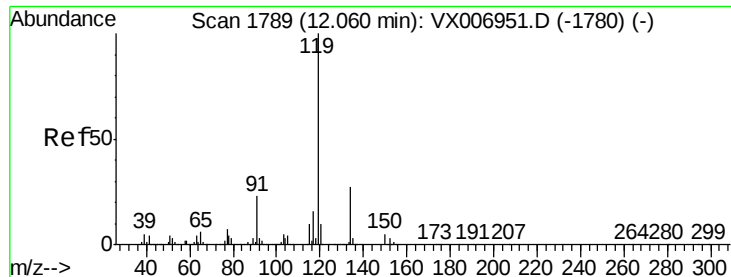
Tgt Ion:105 Resp: 1258054

Ion Ratio Lower Upper

105 100

134 21.2 10.7 31.9





#86

p-Isopropyltoluene

Concen: 48.631 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

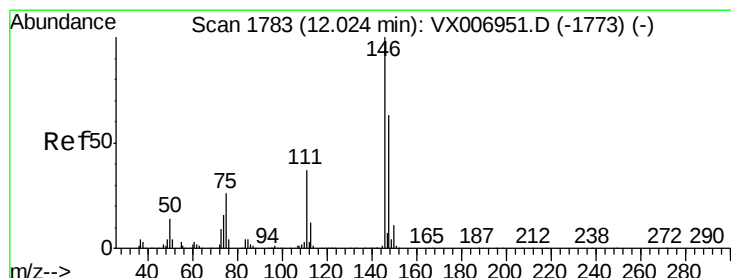
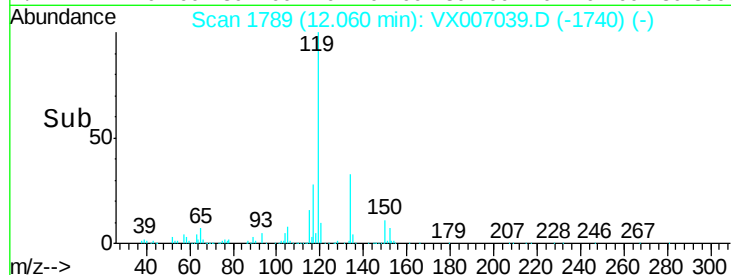
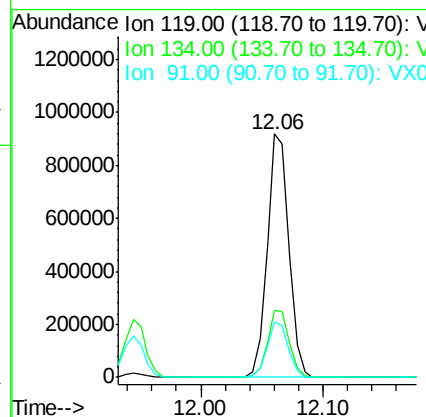
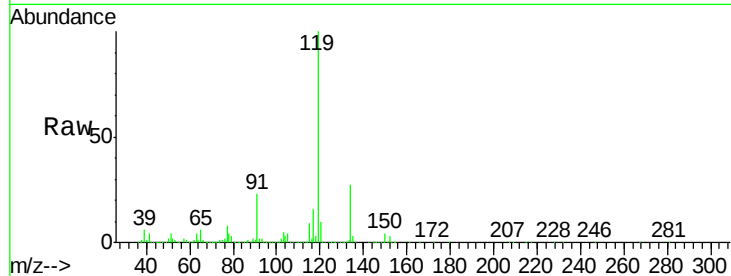
ClientSampleId :

WP022MW359-190109MS

Tot Ion:	119	Resp:	1130687
Ion	Ratio	Lower	Upper
119	100		
134	27.5	14.0	41.9
91	22.4	11.3	33.9

Manual Integrations
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#87

1,3-Dichlorobenzene

Concen: 51.193 ug/l

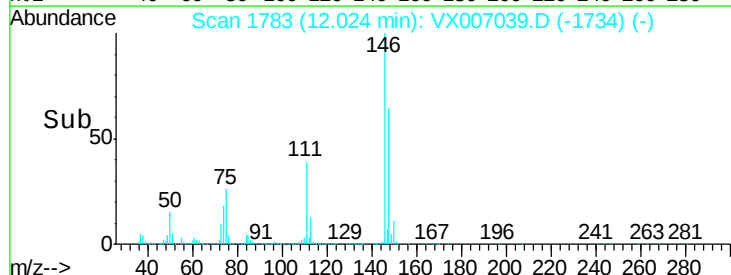
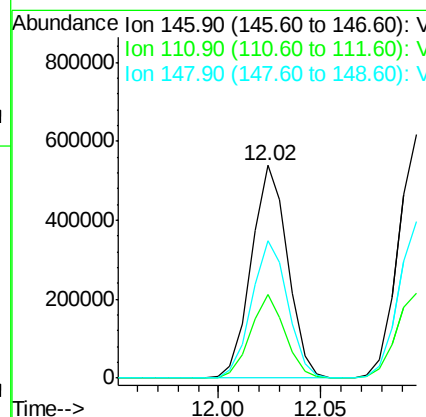
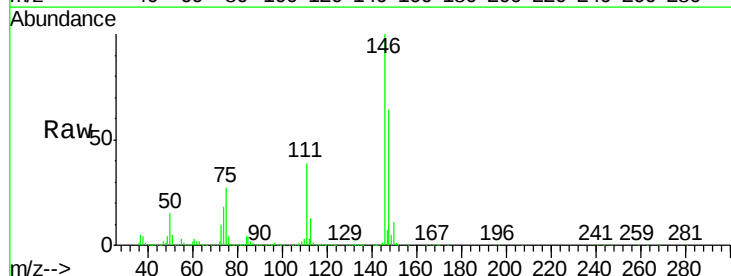
RT: 12.02 min Scan# 1783

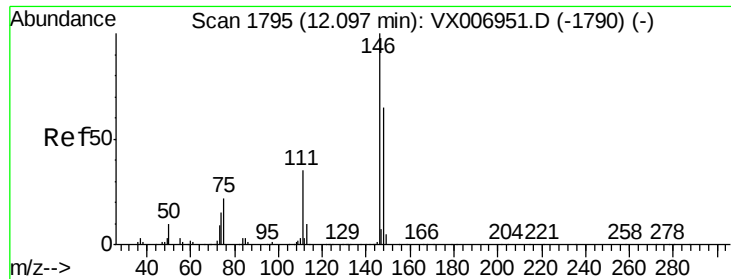
Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Tgt Ion:	146	Resp:	665617
Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	55.8
148	64.1	31.8	95.3





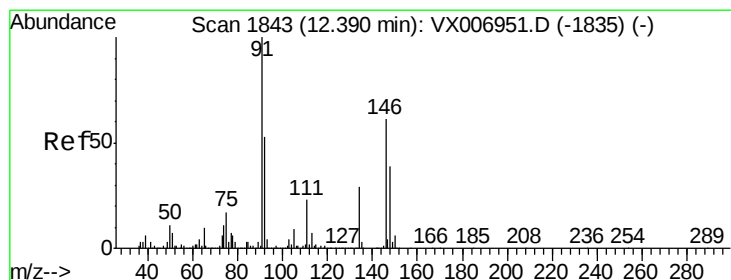
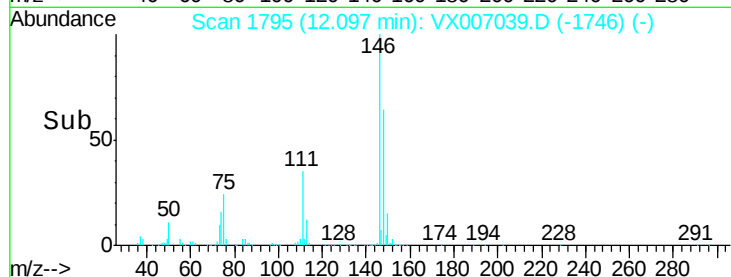
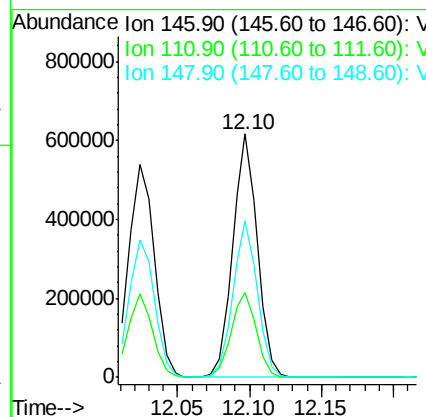
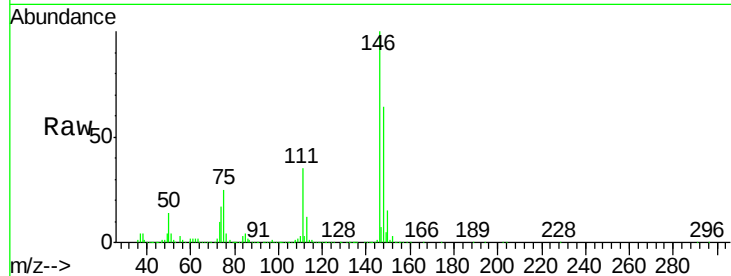
#88
 1,4-Dichlorobenzene
 Concen: 59.966 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007039.D
 Acq: 14 Jan 2019 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190109MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.1	54.1
148	63.9	31.9	95.9

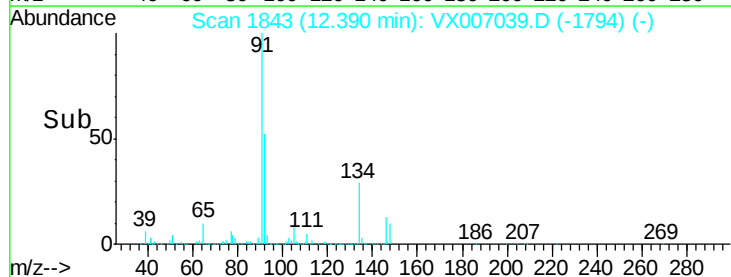
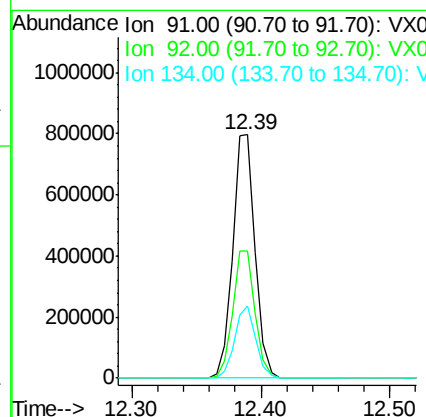
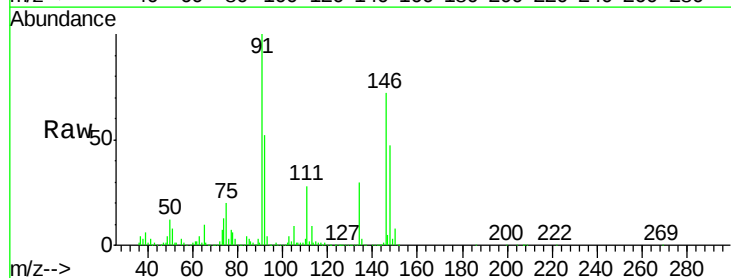
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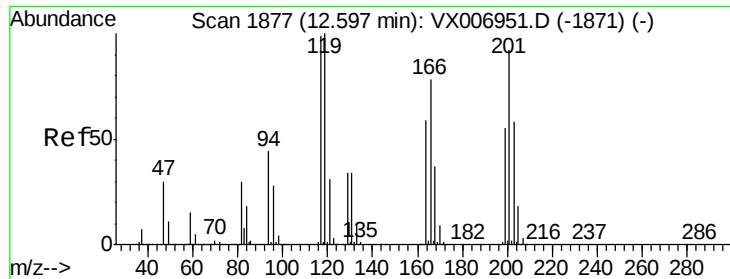
MMDadoda
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#89
 n-Butylbenzene
 Concen: 48.891 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007039.D
 Acq: 14 Jan 2019 15:09

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.8	80.4
134	28.0	14.4	43.2





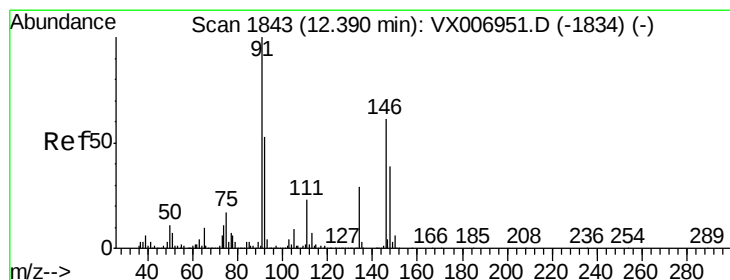
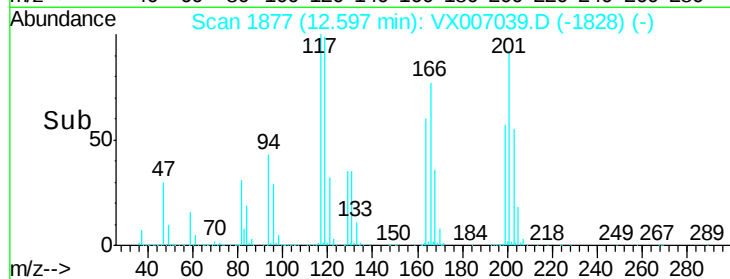
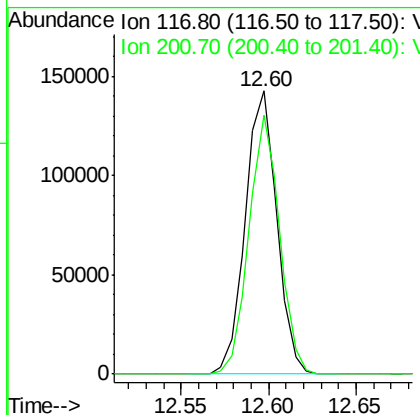
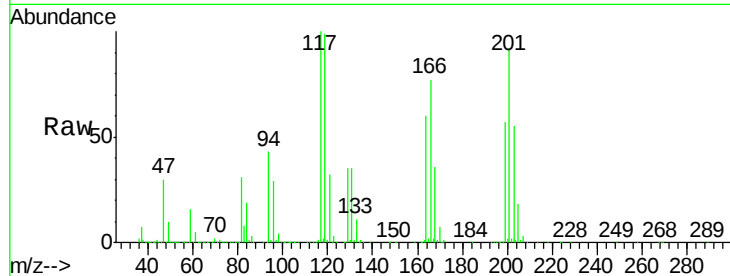
#90
Hexachloroethane
Concen: 48.257 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MS

Tot Ion:117 Resp: 178719
Ion Ratio Lower Upper
117 100
201 89.0 42.9 128.7

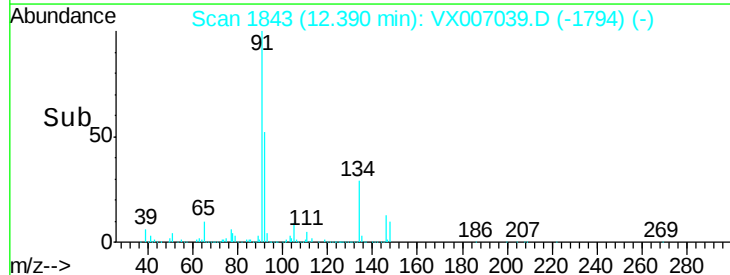
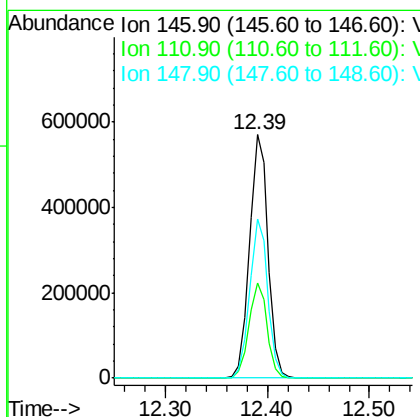
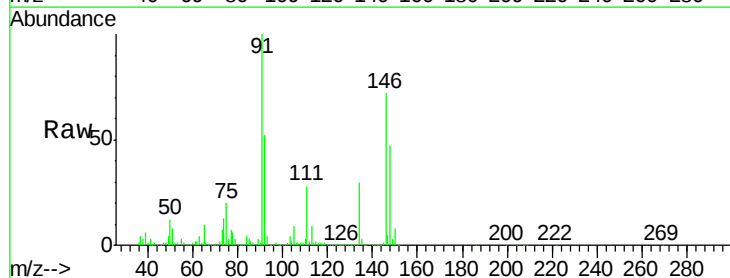
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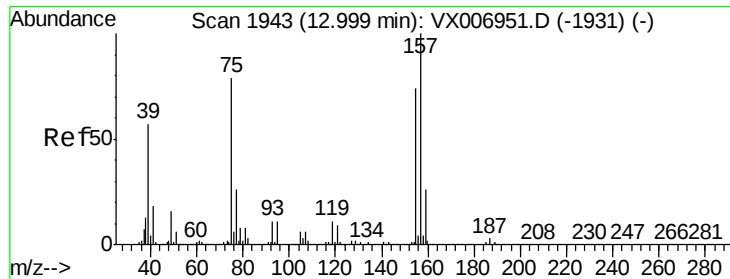
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#91
1,2-Dichlorobenzene
Concen: 55.868 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Tgt Ion:146 Resp: 716850
Ion Ratio Lower Upper
146 100
111 38.6 19.4 58.2
148 64.3 32.3 96.9





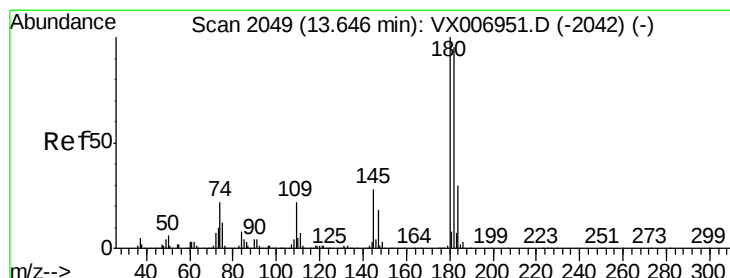
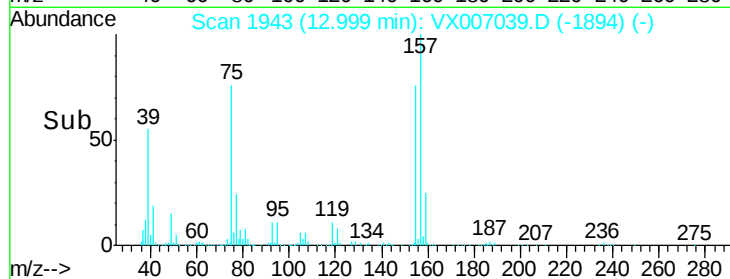
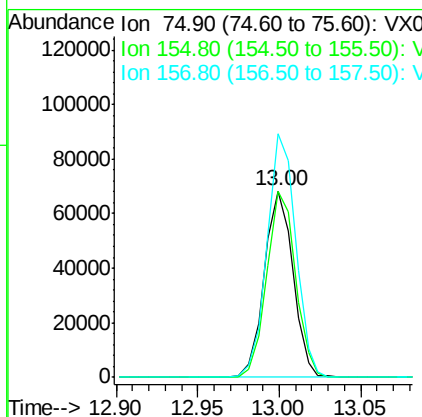
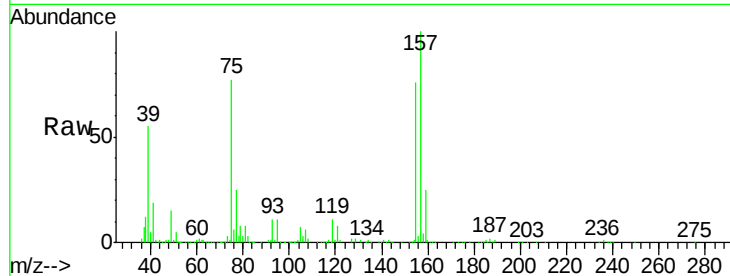
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.786 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007039.D
 Acq: 14 Jan 2019 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190109MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	99.7	50.6	151.8
157	130.3	64.6	193.8

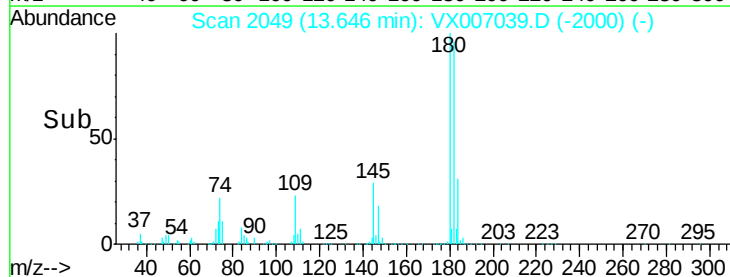
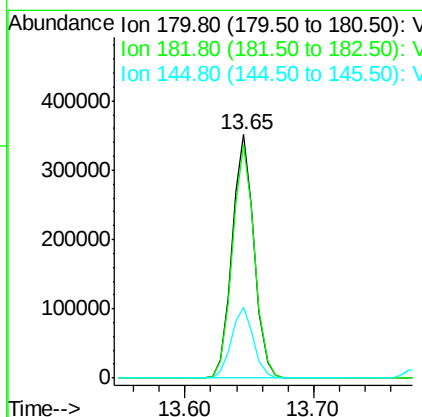
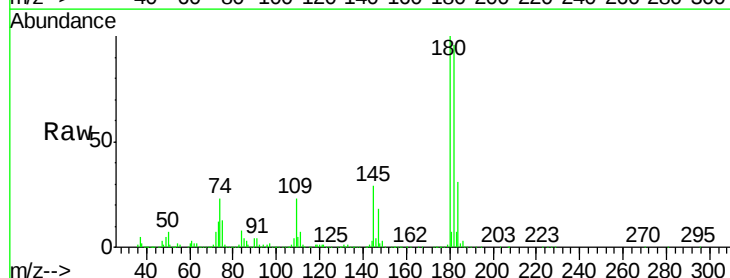
Manual Integrations
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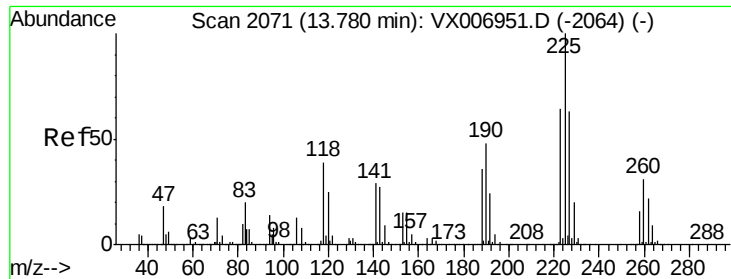
MMDadoda
 1/15/2019 11:13:26 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 47.311 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007039.D
 Acq: 14 Jan 2019 15:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.3	142.0
145	29.4	14.8	44.3





#94

Hexachlorobutadiene

Concen: 48.805 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

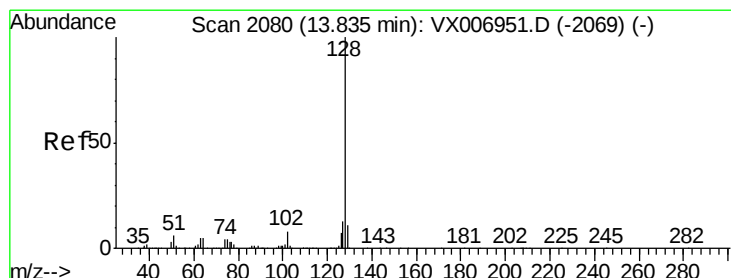
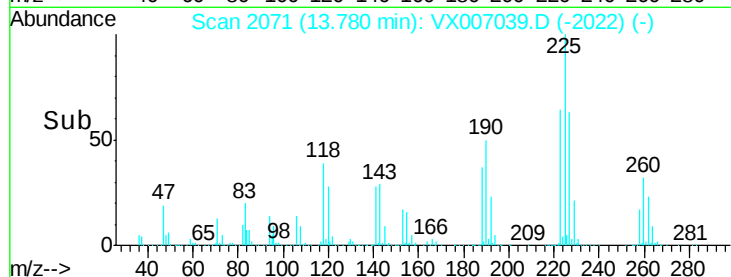
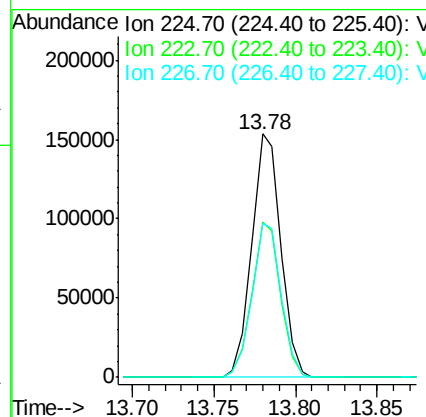
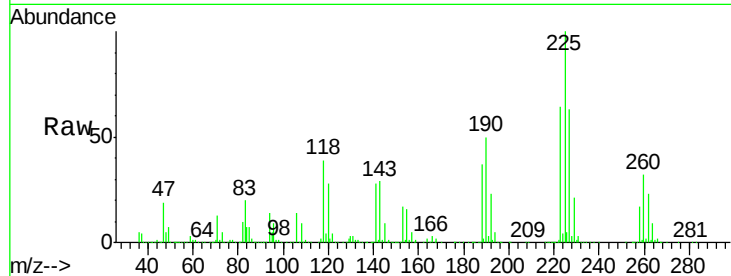
ClientSampleId :

WP022MW359-190109MS

Tot Ion:	225	Resp:	190656
Ion Ratio		Lower	Upper
225	100		
223	63.1	32.1	96.3
227	63.5	32.3	96.8

Manual Integrations
APPROVED

MMDadoda
1/15/2019 11:13:26 AM



#95

Naphthalene

Concen: 49.046 ug/l

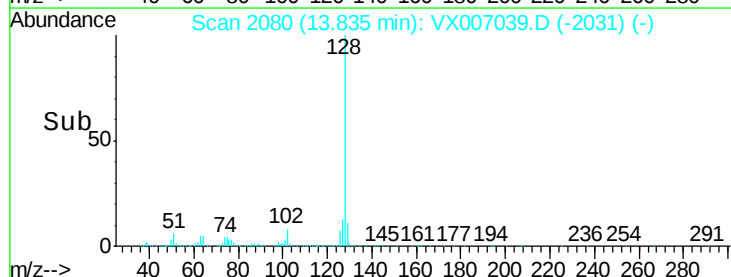
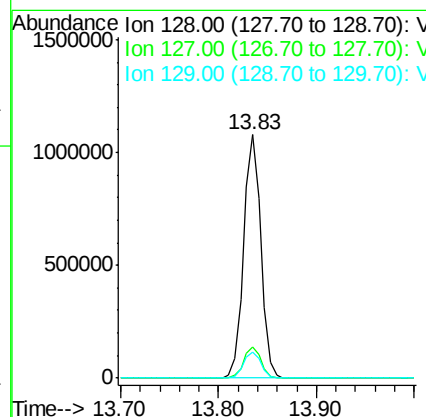
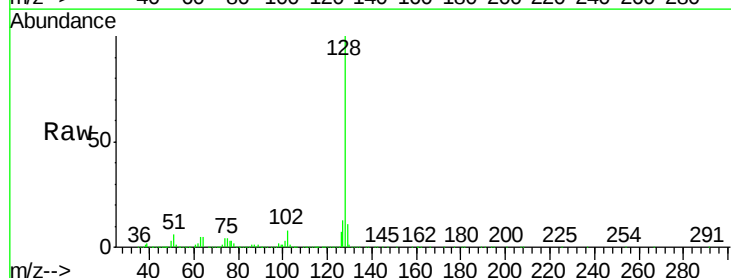
RT: 13.83 min Scan# 2080

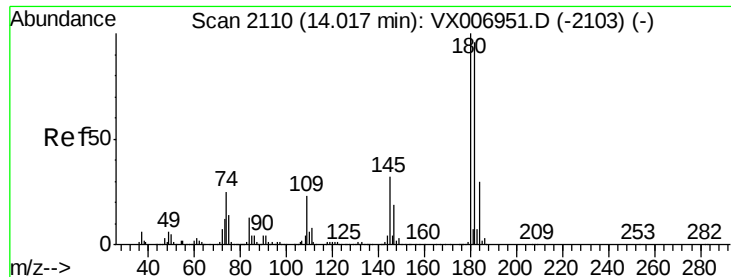
Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Tgt Ion:	128	Resp:	1308315
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.9	8.6	13.0





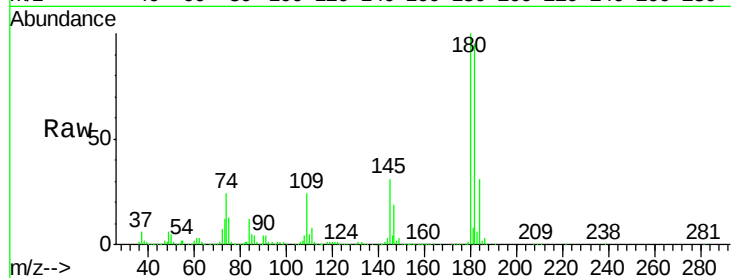
#96
 1,2,3-Trichlorobenzene
 Concen: 47.258 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX007039.D
 Acq: 14 Jan 2019 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190109MS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	96.2	48.5	145.5
145	31.4	16.0	47.9

Manual Integrations
 APPROVED

MMDadoda
 1/15/2019 11:13:26 AM



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

