

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121718\
 Data File : VX006584.D
 Acq On : 17 Dec 2018 20:19
 Operator : JC/MD
 Sample : J6405-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20181210MSD

Manual Integrations
 APPROVED

MMDadoda
 12/18/2018 9:45:01 AM

Quant Time: Dec 18 02:16:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	561814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	881207	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	814685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	416278	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	286368	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
35) Dibromofluoromethane	5.50	113	269181	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
50) Toluene-d8	8.71	98	956980	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
62) 4-Bromofluorobenzene	11.13	95	364955	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	253853	46.147	ug/l	100
3) Chloromethane	1.33	50	268471	47.492	ug/l	96
4) Vinyl Chloride	1.41	62	291756	47.954	ug/l	99
5) Bromomethane	1.64	94	287117	68.095	ug/l	100
6) Chloroethane	1.71	64	189253	50.733	ug/l	100
7) Trichlorofluoromethane	1.93	101	459159	49.165	ug/l	97
8) Diethyl Ether	2.19	74	178478	50.496	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	287277	54.097	ug/l	99
10) Methyl Iodide	2.51	142	415183	51.878	ug/l	98
11) Tert butyl alcohol	3.08	59	383567	244.551	ug/l	98
12) 1,1-Dichloroethene	2.37	96	257160	50.586	ug/l	92
13) Acrolein	2.30	56	243780	284.371	ug/l	99
14) Allyl chloride	2.73	41	430072	42.826	ug/l	97
15) Acrylonitrile	3.15	53	815960	249.302	ug/l	100
16) Acetone	2.45	43	678369	252.041	ug/l	99
17) Carbon Disulfide	2.57	76	653832	41.739	ug/l	100
18) Methyl Acetate	2.78	43	436117	48.452	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	894885	49.345	ug/l	99
20) Methylene Chloride	2.85	84	288346	50.338	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	273426	50.471	ug/l	91
22) Diisopropyl ether	3.87	45	818748	52.198	ug/l	99
23) Vinyl Acetate	3.82	43	3037519	227.046	ug/l	100
24) 1,1-Dichloroethane	3.70	63	465569	51.929	ug/l	99
25) 2-Butanone	4.70	43	1023209	266.434	ug/l	100
26) 2,2-Dichloropropane	4.59	77	306878	37.089	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	326964	54.107	ug/l	97
28) Bromochloromethane	5.02	49	192924	49.265	ug/l	99
29) Tetrahydrofuran	5.15	42	697335	261.266	ug/l	98
30) Chloroform	5.21	83	506960	53.808	ug/l	95
31) Cyclohexane	5.57	56	411671	49.686	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	434159	48.432	ug/l	99
36) 1,1-Dichloropropene	5.80	75	366577	49.400	ug/l	99
37) Ethyl Acetate	4.85	43	363354	43.724	ug/l	98
38) Carbon Tetrachloride	5.78	117	359414	41.171	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	451298	46.852	ug/l	99
40) Benzene	6.14	78	1127113	50.713	ug/l	99
41) Methacrylonitrile	5.06	41	221028	48.336	ug/l	98
42) 1,2-Dichloroethane	6.20	62	378537	52.040	ug/l	99
43) Isopropyl Acetate	6.46	43	603115	43.529	ug/l	99
44) Trichloroethene	7.21	130	1151739	171.057	ug/l	96
45) 1,2-Dichloropropane	7.52	63	279397	49.462	ug/l	100
46) Dibromomethane	7.66	93	201279	49.338	ug/l	95
47) Bromodichloromethane	7.90	83	350209	44.329	ug/l	98
48) Methyl methacrylate	7.77	41	315634	46.826	ug/l	97
49) 1,4-Dioxane	7.75	88	175716	1057.701	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	2011500	249.384	ug/l	99
52) Toluene	8.79	92	745130	50.959	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	379648	41.090	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	414797	43.235	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	311812	52.491	ug/l	99
56) Ethyl methacrylate	9.18	69	438006	47.165	ug/l	98
57) 1,3-Dichloropropane	9.37	76	488081	51.960	ug/l	100
59) 2-Hexanone	9.49	43	1524036	247.314	ug/l	100
60) Dibromochloromethane	9.59	129	302977	41.362	ug/l	100
61) 1,2-Dibromoethane	9.67	107	333935	50.275	ug/l	99
64) Tetrachloroethene	9.34	164	309853	50.503	ug/l	97
65) Chlorobenzene	10.14	112	871274	50.380	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	292626	43.550	ug/l	99
67) Ethyl Benzene	10.25	91	1433391	49.834	ug/l	100
68) m/p-Xylenes	10.36	106	1139654	98.913	ug/l	99
69) o-Xylene	10.70	106	562618	49.436	ug/l	99
70) Styrene	10.71	104	903648	49.093	ug/l	99
71) Bromoform	10.86	173	219519	34.609	ug/l	99
73) Isopropylbenzene	11.02	105	1480705	51.507	ug/l	100
74) N-amyl acetate	10.90	43	493764	39.886	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	455263	49.501	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	416897m	51.886	ug/l	
77) Bromobenzene	11.26	156	401287	50.299	ug/l	99
78) n-propylbenzene	11.36	91	1633319	51.112	ug/l	99
79) 2-Chlorotoluene	11.42	91	968083	50.970	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1218992	50.964	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	109254	31.910	ug/l #	81
82) 4-Chlorotoluene	11.51	91	1117722	50.615	ug/l	99
83) tert-Butylbenzene	11.77	119	1260880	49.407	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1263157	51.143	ug/l	99
85) sec-Butylbenzene	11.94	105	1492991	51.424	ug/l	100
86) p-Isopropyltoluene	12.06	119	1326833	50.752	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	715358	50.393	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	700426	48.613	ug/l	98
89) n-Butylbenzene	12.39	91	1103446	49.467	ug/l	99
90) Hexachloroethane	12.60	117	186808	35.060	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	698497	49.578	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	94273	39.987	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	485421	47.226	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	212915	46.840	ug/l	99
95) Naphthalene	13.83	128	1602763	50.129	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	498667	48.982	ug/l	98

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

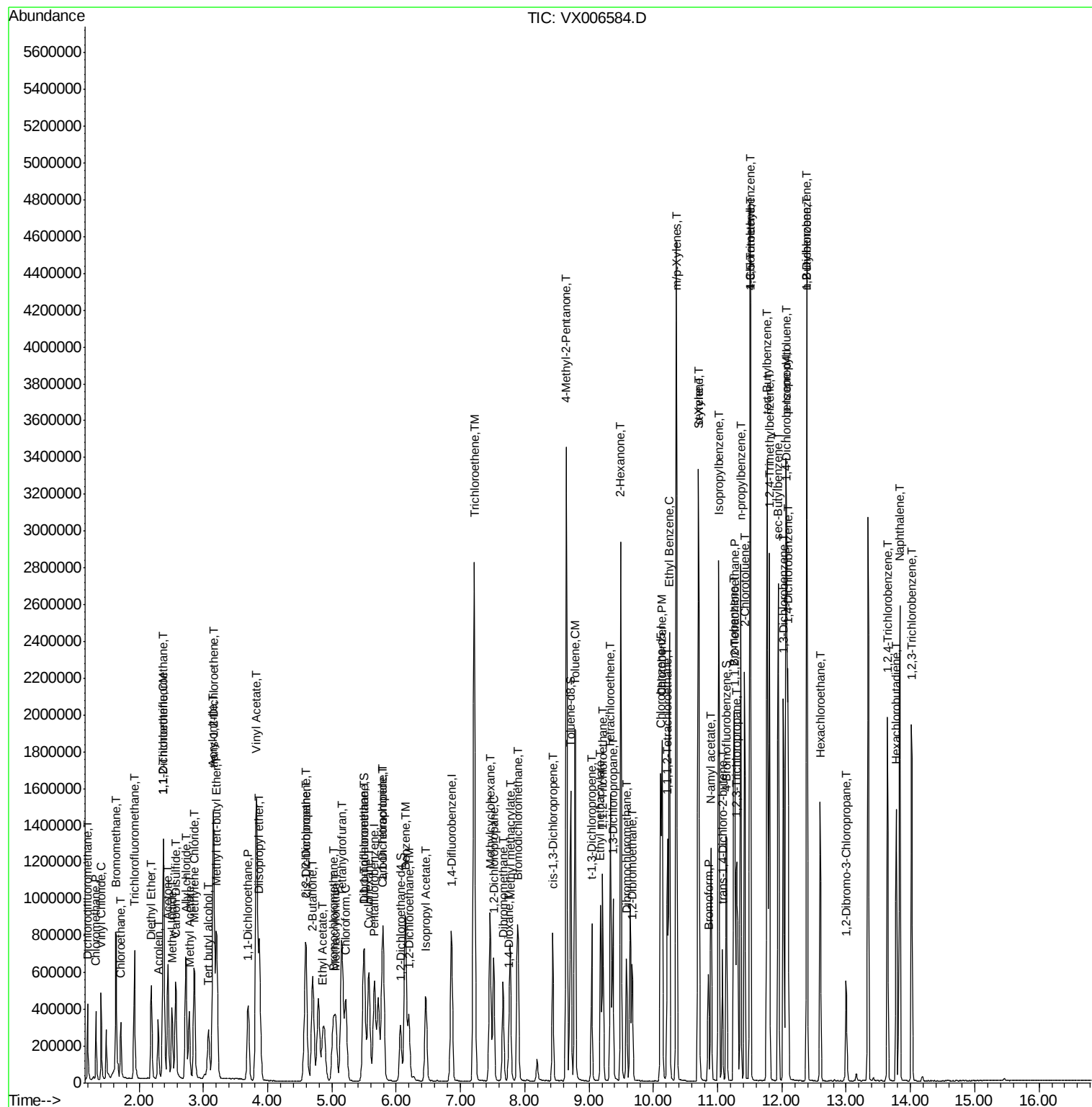
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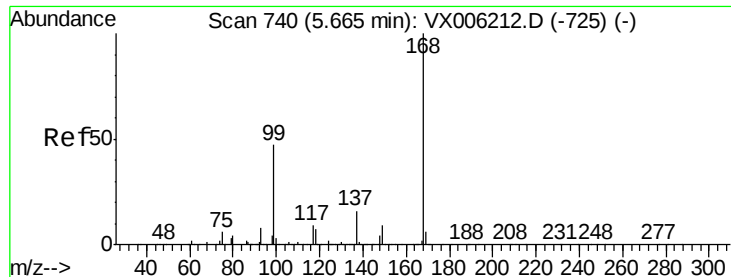
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

Tot Ion:168 Resp: 561814

Ion Ratio Lower Upper

168 100

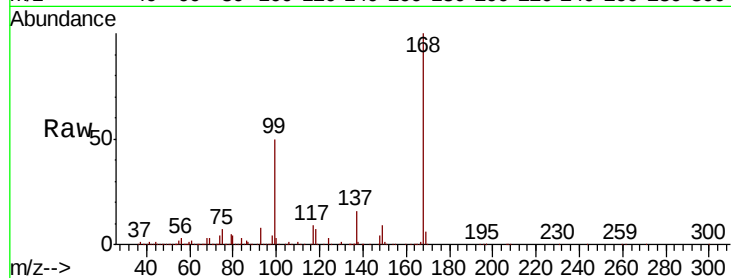
99 50.0 37.8 56.8

Manual Integrations

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12/18/2018 9:45:01 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

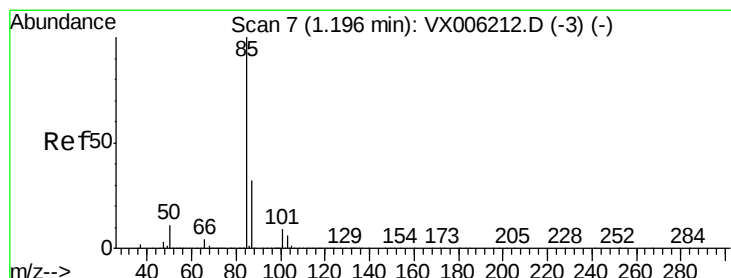
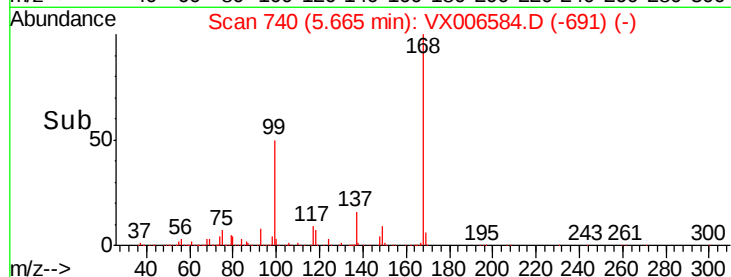
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.147 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006584.D

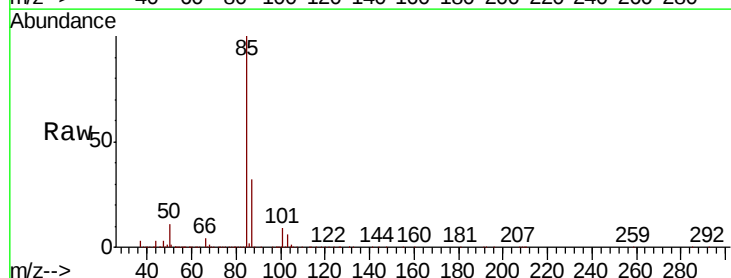
Acq: 17 Dec 2018 20:19

Tgt Ion: 85 Resp: 253853

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

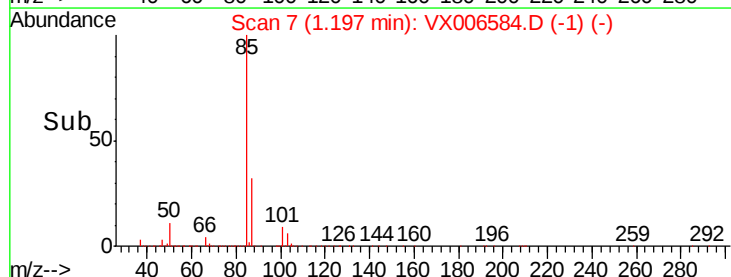
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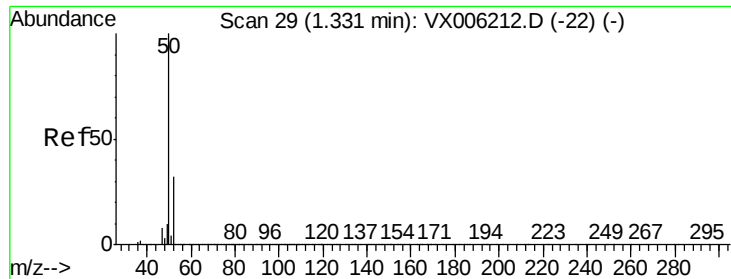
100000

50000

0

Time-->





#3

Chloromethane

Concen: 47.492 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

Tot Ion: 50 Resp: 268471

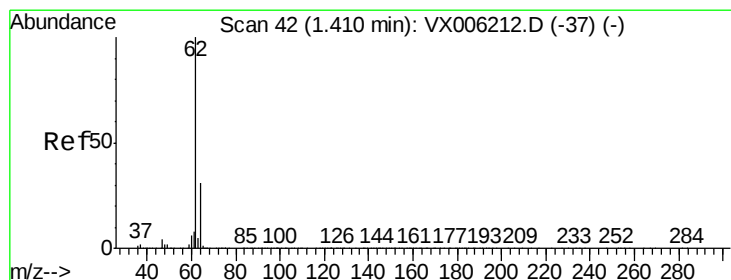
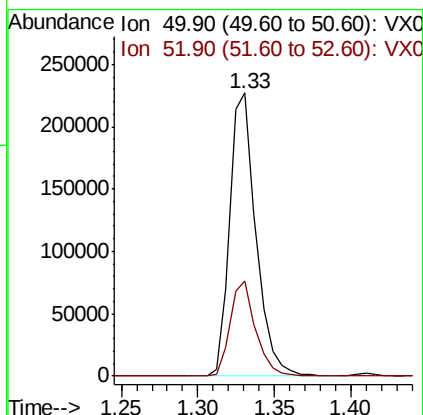
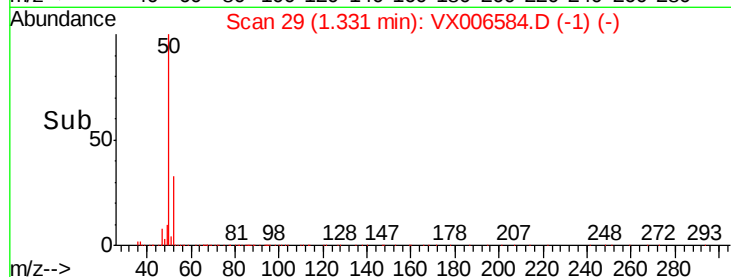
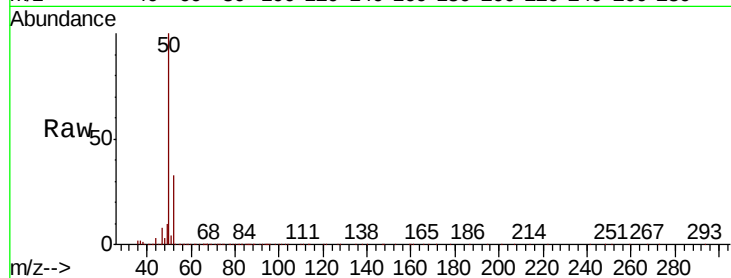
Ion Ratio Lower Upper

50 100

52 33.4 25.2 37.8

Manual Integrations
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#4

Vinyl Chloride

Concen: 47.954 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006584.D

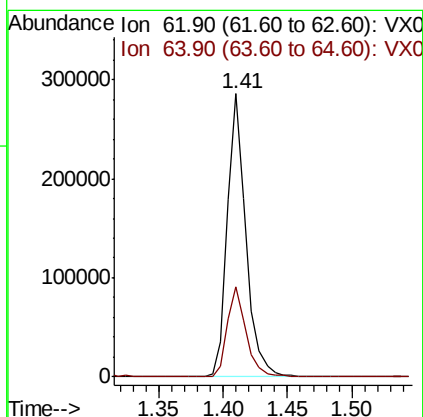
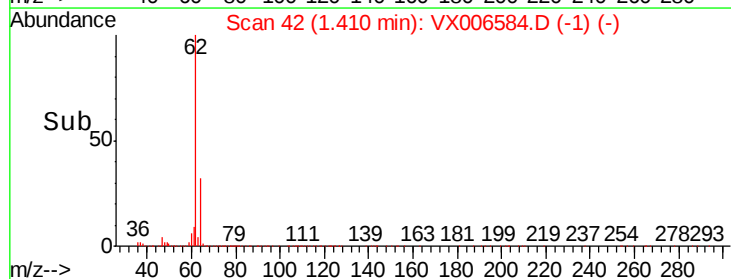
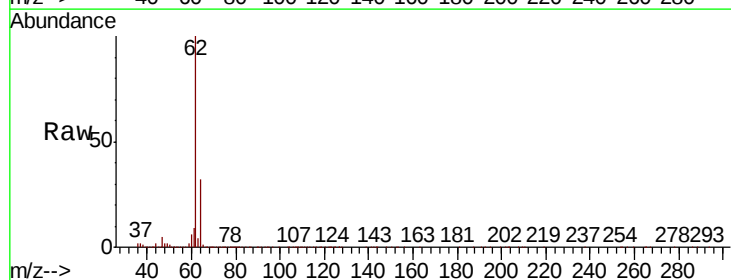
Acq: 17 Dec 2018 20:19

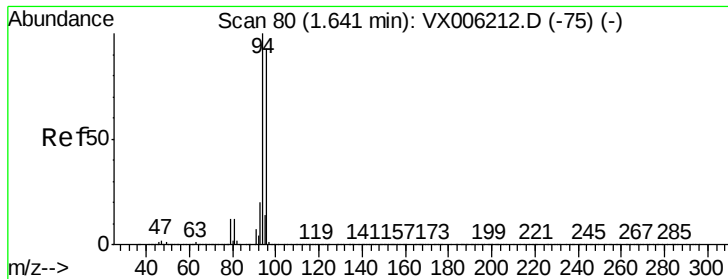
Tgt Ion: 62 Resp: 291756

Ion Ratio Lower Upper

62 100

64 31.6 24.9 37.3





#5

Bromomethane

Concen: 68.095 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

Tot Ion: 94 Resp: 287117

Ion Ratio Lower Upper

94 100

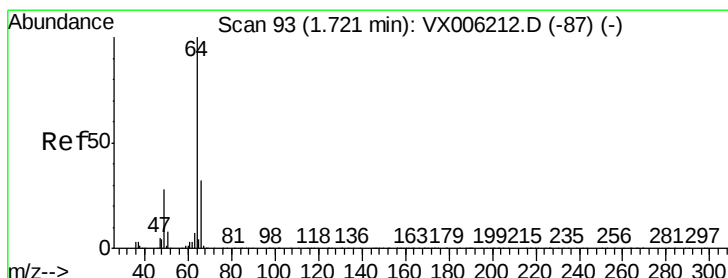
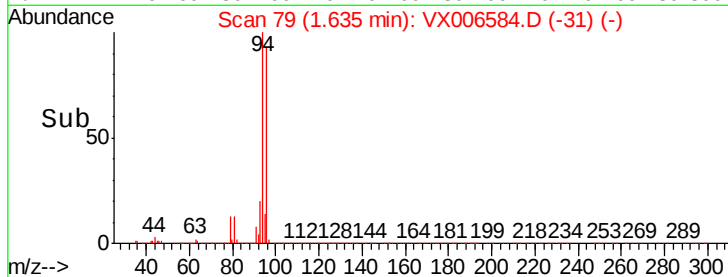
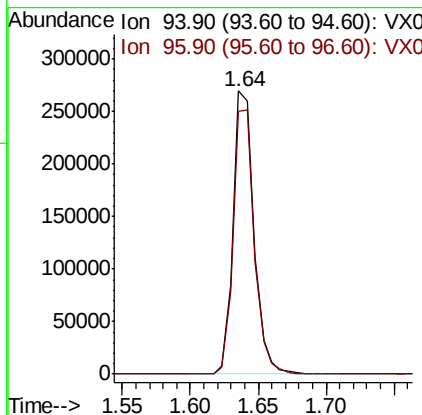
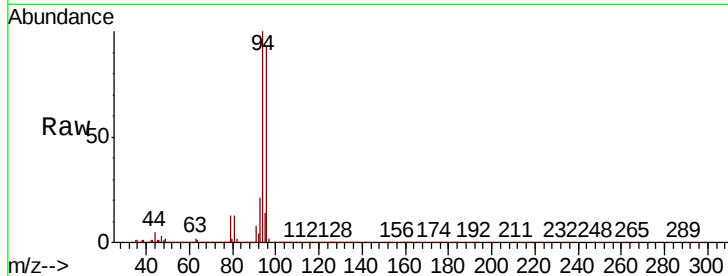
96 92.7 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 50.733 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006584.D

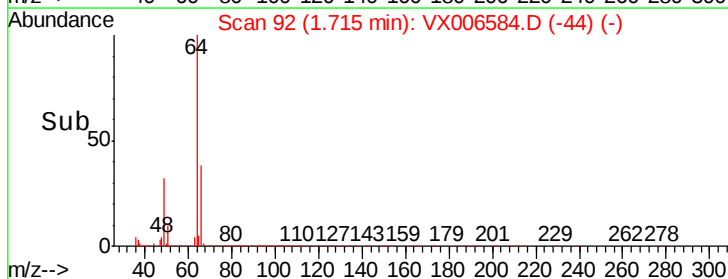
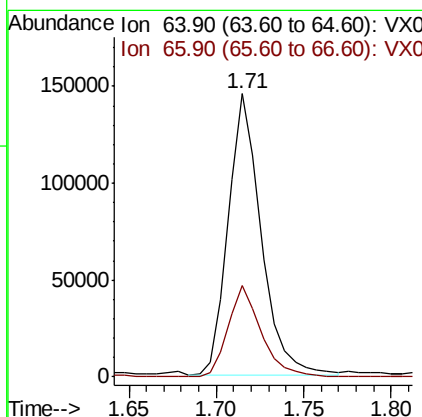
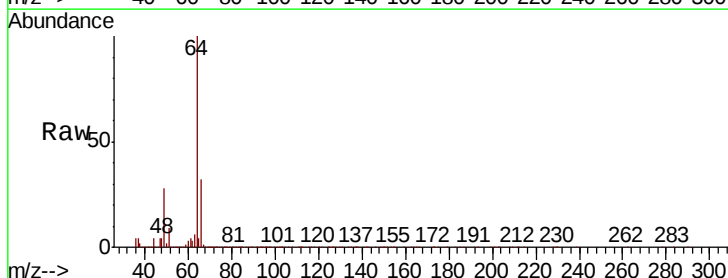
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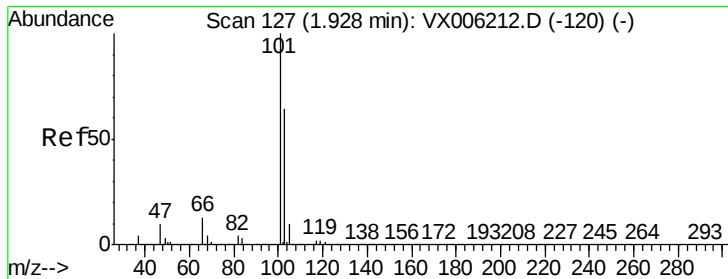
Tgt Ion: 64 Resp: 189253

Ion Ratio Lower Upper

64 100

66 32.4 25.9 38.9





#7

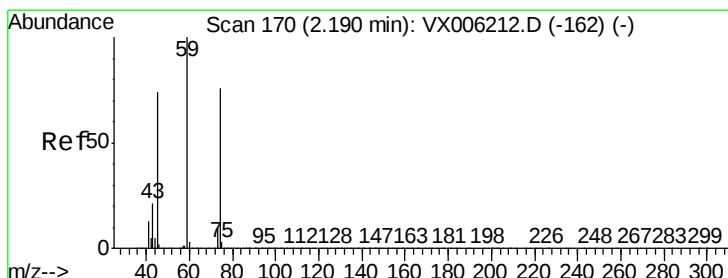
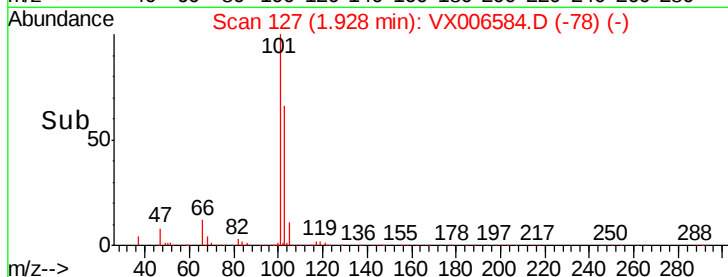
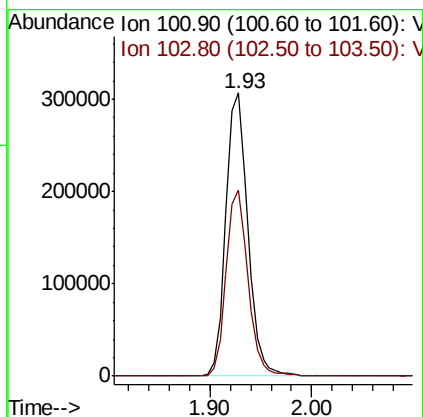
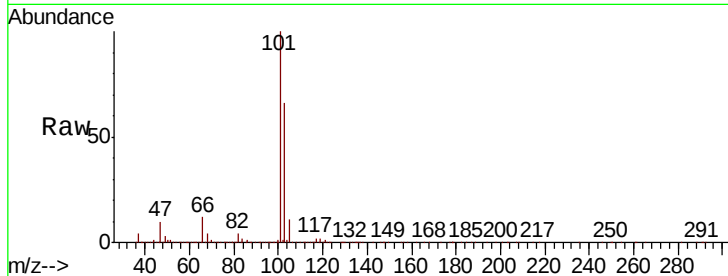
Trichlorofluoromethane
Concen: 49.165 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Instrument :
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ClientSampleId :
RE105D1-20181210MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.0	76.4

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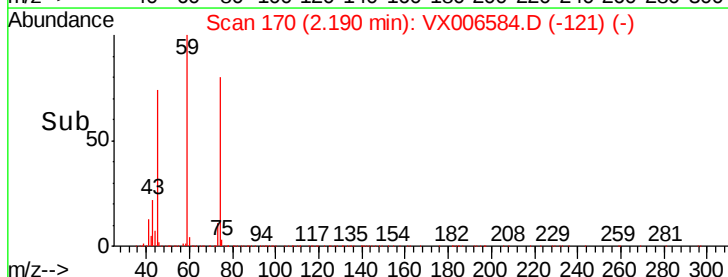
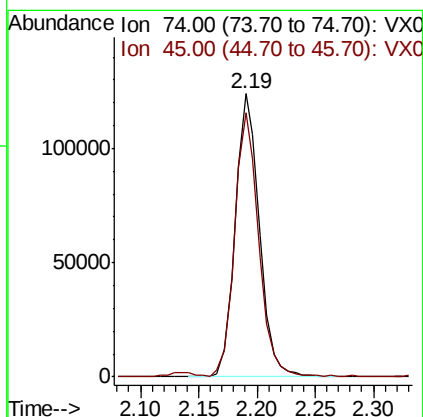
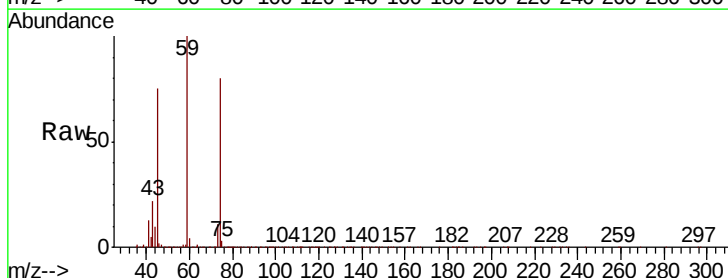
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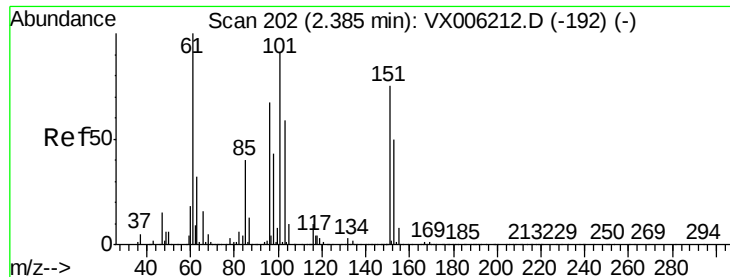


#8

Diethyl Ether
Concen: 50.496 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.0	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.097 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

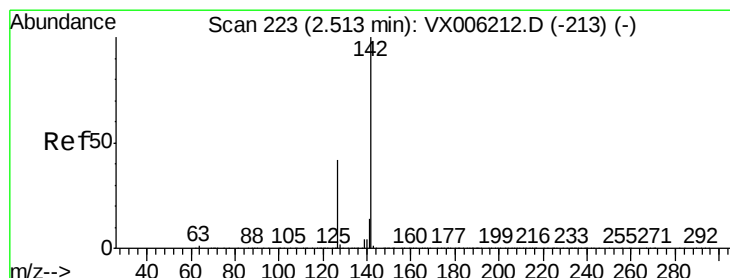
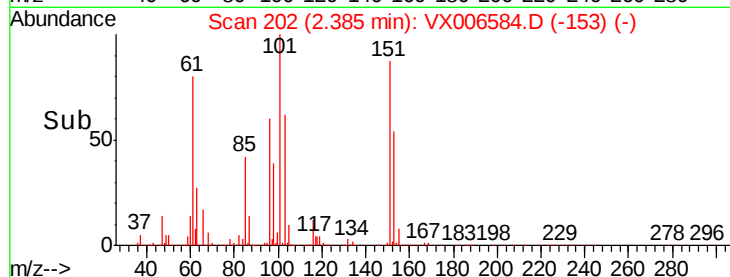
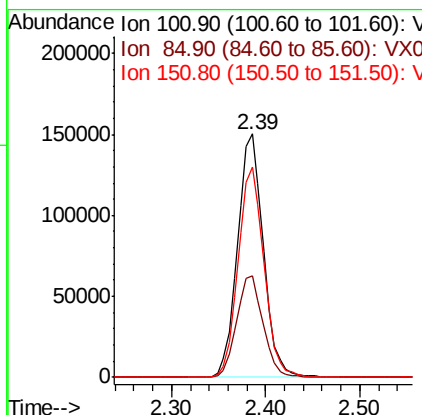
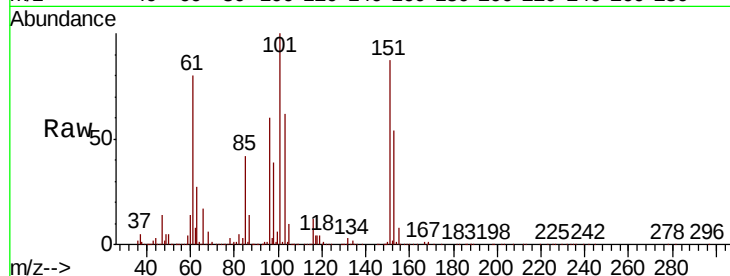
ClientSampleId :

RE105D1-20181210MSD

Tot Ion:	101	Resp:	287277
Ion Ratio	Lower	Upper	
101	100		
85	42.9	35.5	53.3
151	86.5	68.6	103.0

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#10

Methyl Iodide

Concen: 51.878 ug/l

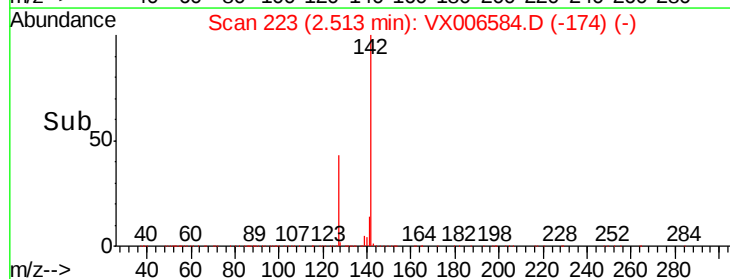
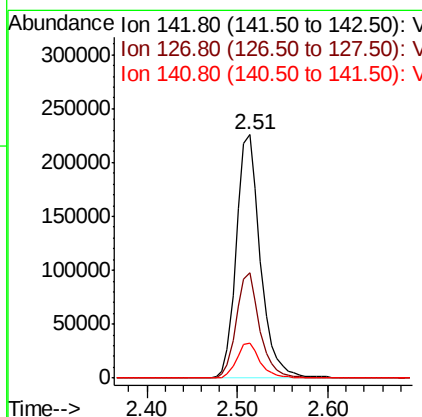
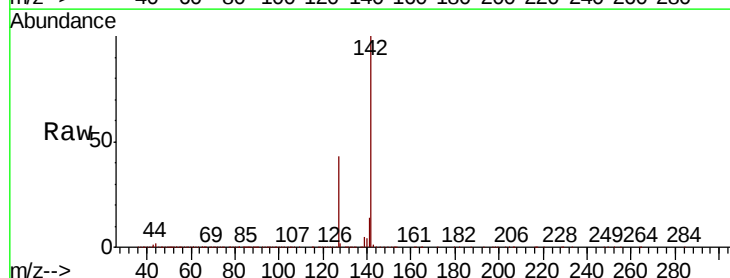
RT: 2.51 min Scan# 223

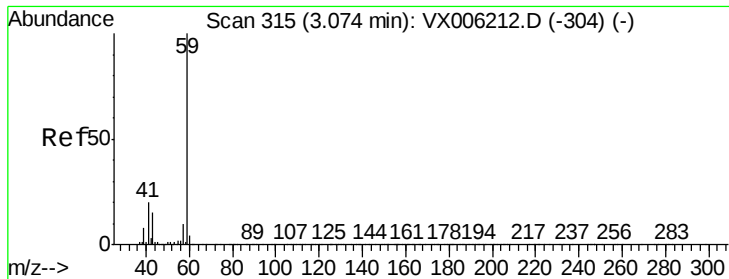
Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Tgt Ion:	142	Resp:	415183
Ion Ratio	Lower	Upper	
142	100		
127	42.1	34.8	52.2
141	14.2	11.4	17.2





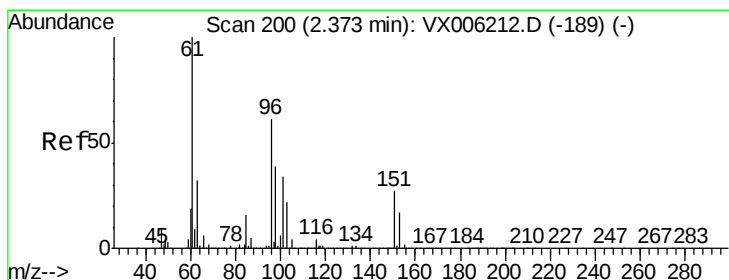
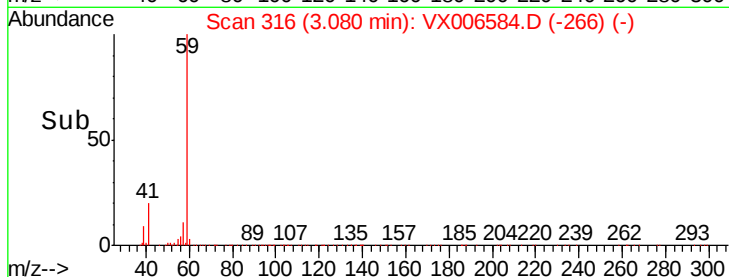
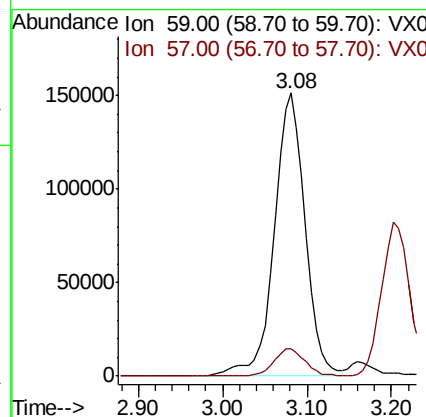
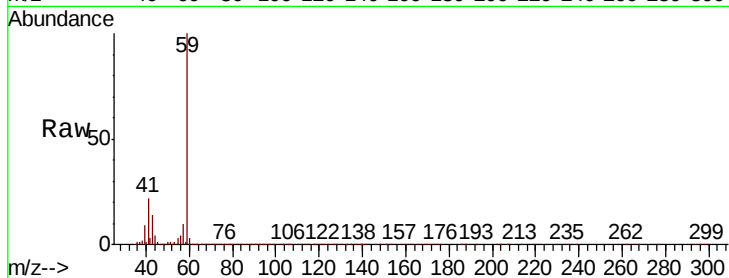
#11
Tert butyl alcohol
Concen: 244.551 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.2	12.2

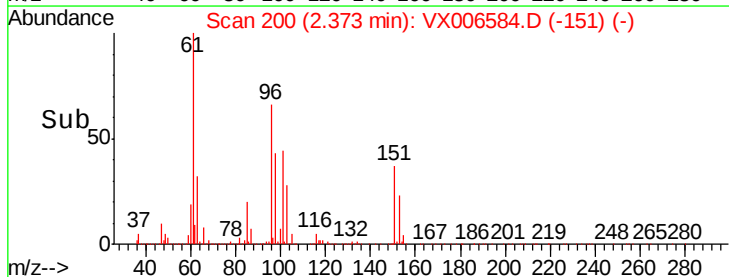
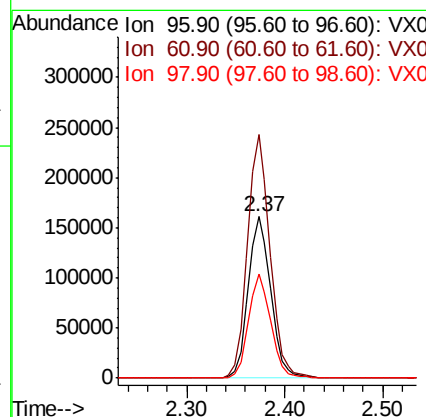
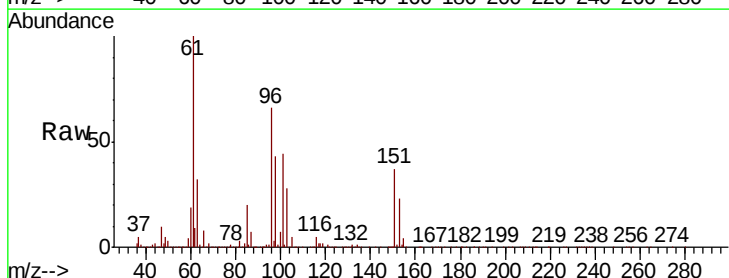
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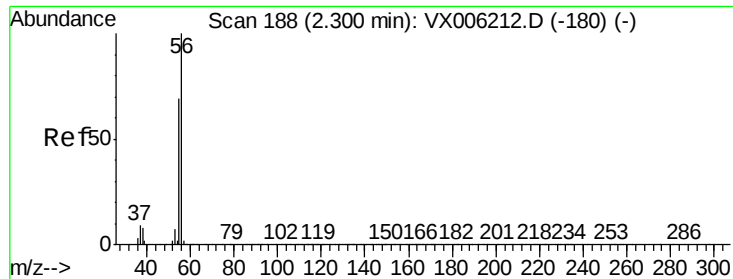
MMDadoda
12/18/2018 9:45:01 AM



#12
1,1-Dichloroethene
Concen: 50.586 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.8	131.7	197.5
98	64.2	51.8	77.6





#13

Acrolein

Concen: 284.371 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

Tot Ion: 56 Resp: 243780

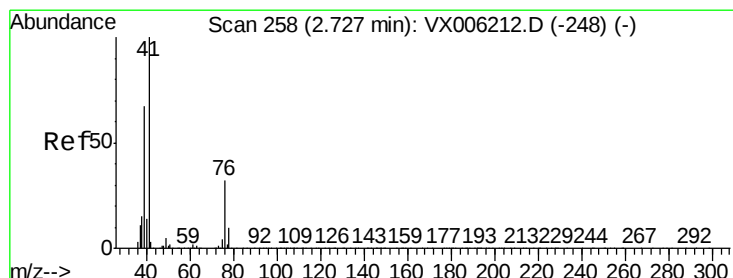
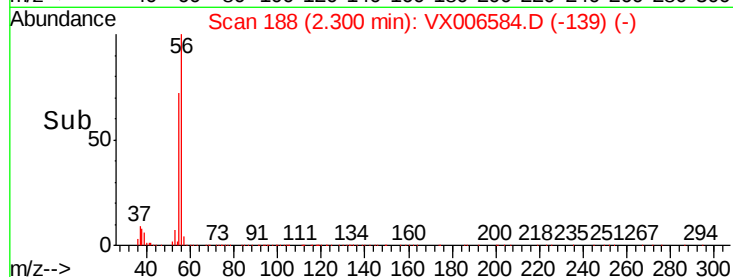
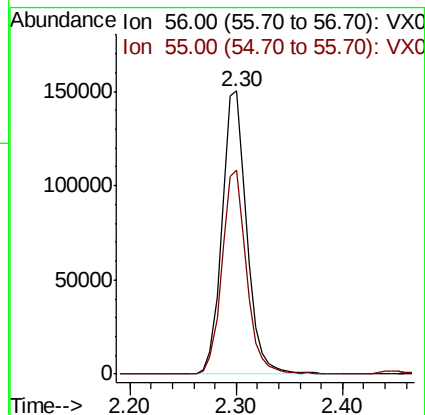
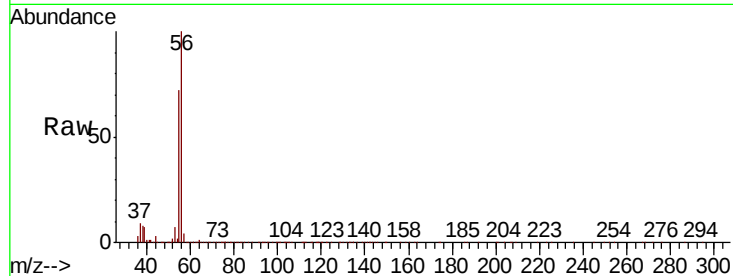
Ion Ratio Lower Upper

56 100

55 71.4 57.8 86.6

Manual Integrations
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#14

Allyl chloride

Concen: 42.826 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

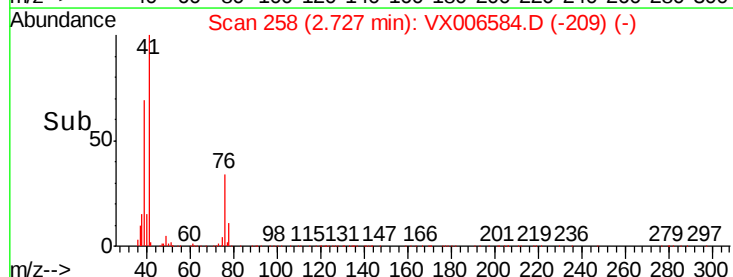
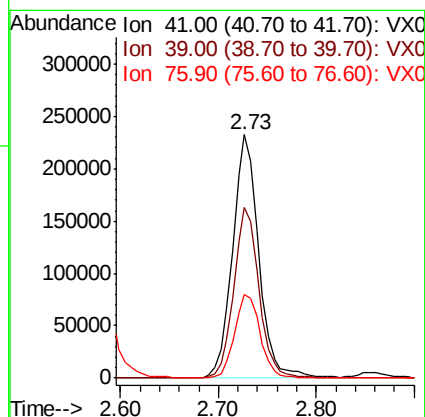
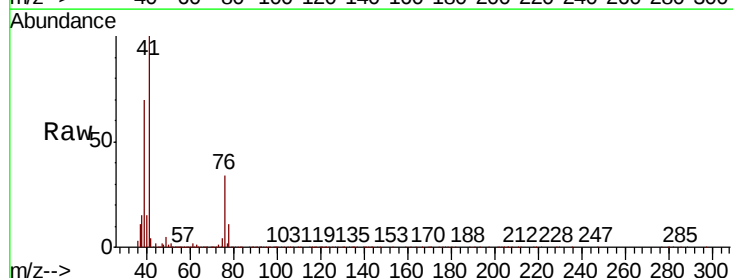
Tgt Ion: 41 Resp: 430072

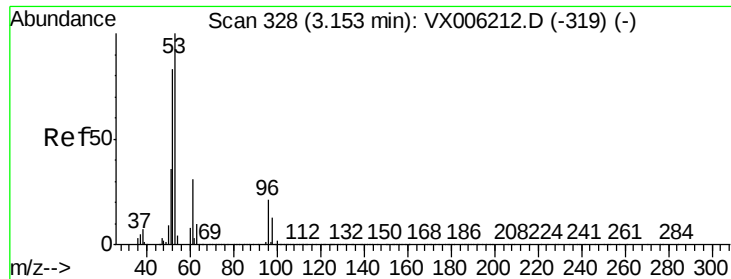
Ion Ratio Lower Upper

41 100

39 67.4 52.4 78.6

76 33.6 25.4 38.0





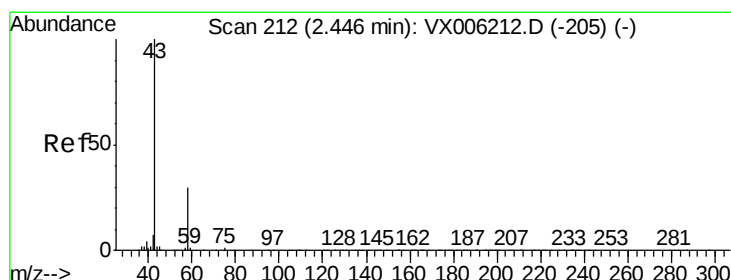
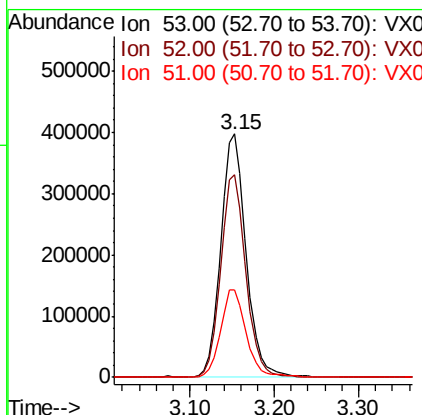
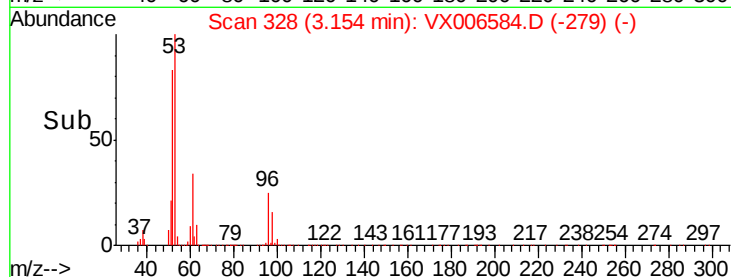
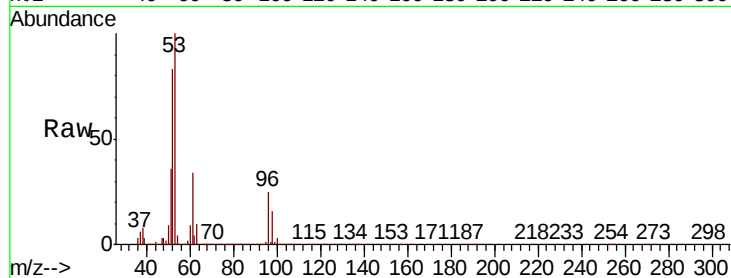
#15
Acrylonitrile
Concen: 249.302 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.2	99.4
51	36.2	28.7	43.1

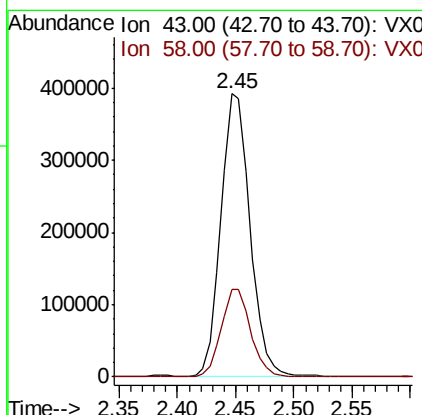
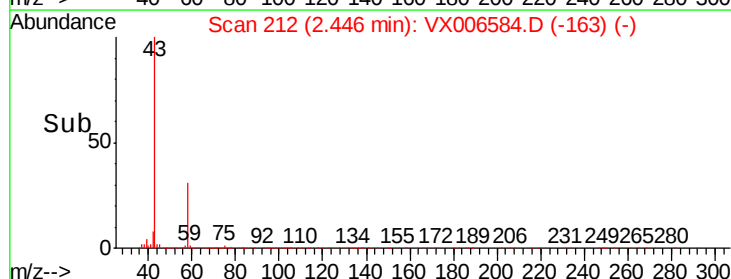
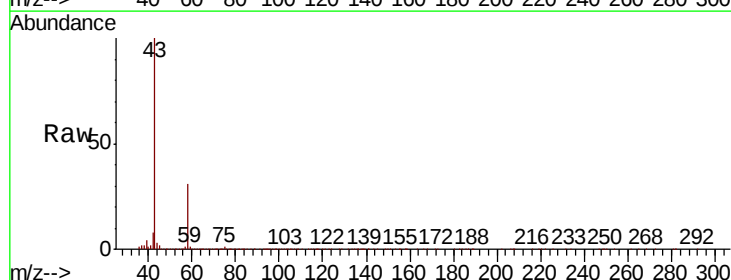
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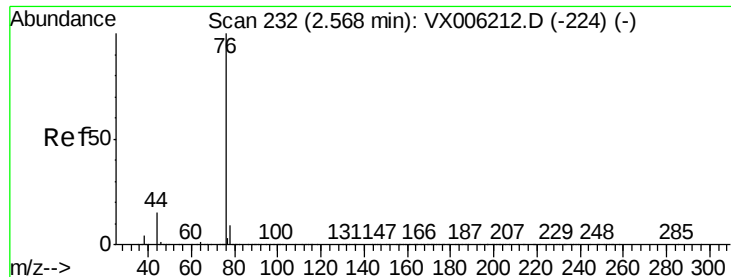
MMDadoda
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#16
Acetone
Concen: 252.041 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.0	36.0





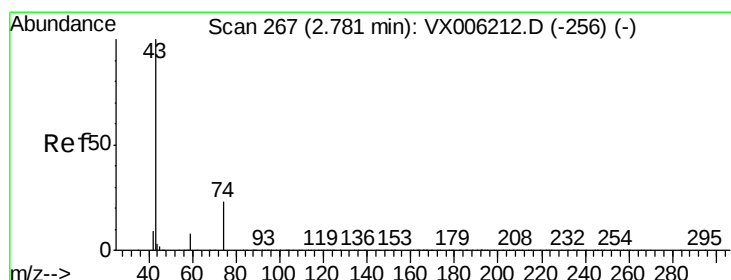
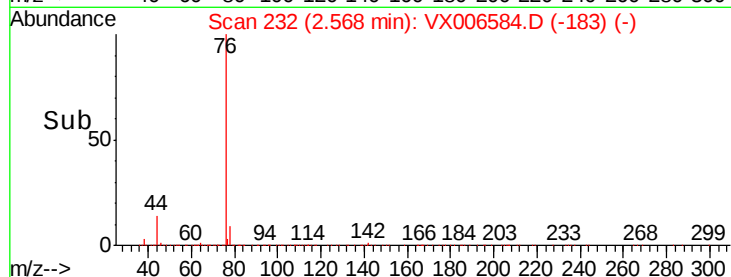
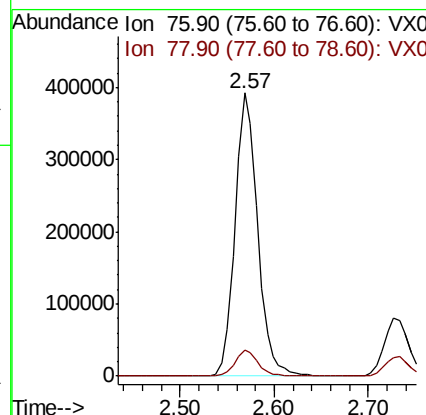
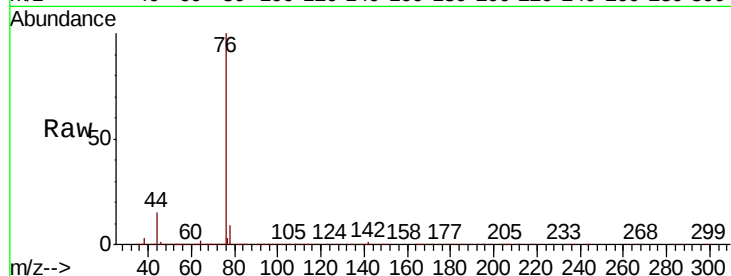
#17
Carbon Disulfide
Concen: 41.739 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

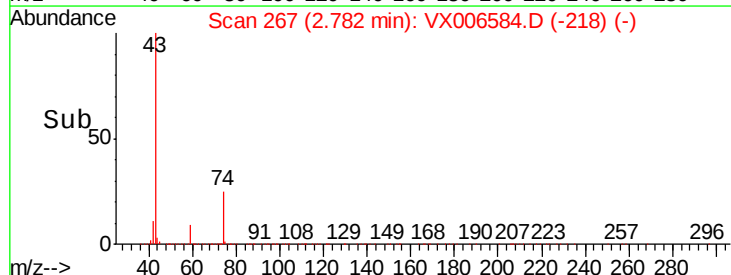
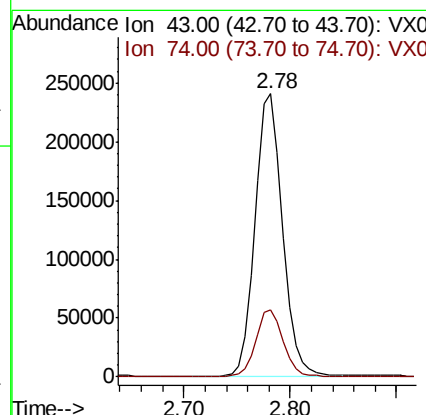
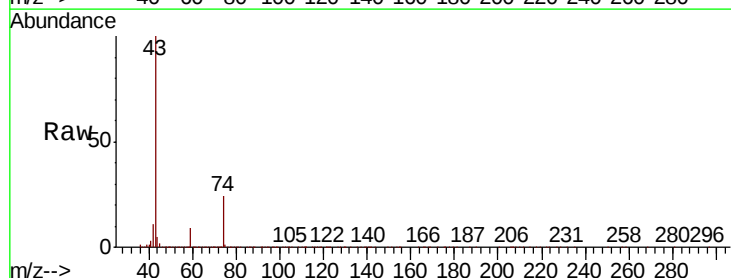
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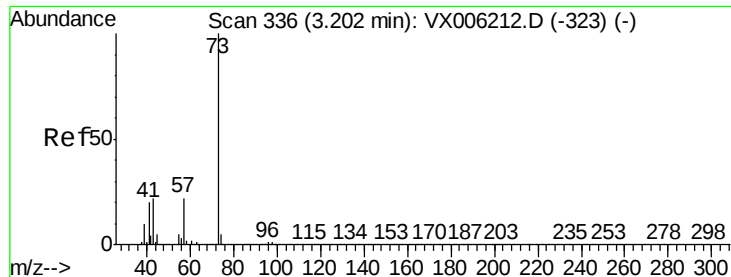
MMDadoda
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#18
Methyl Acetate
Concen: 48.452 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	17.9	26.9





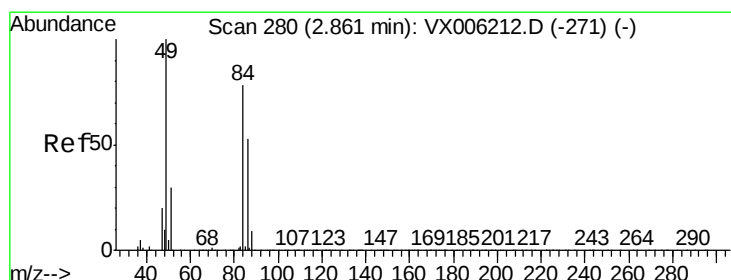
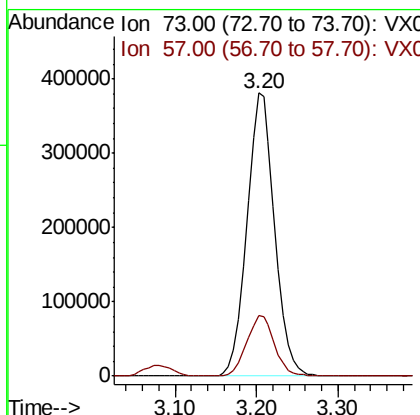
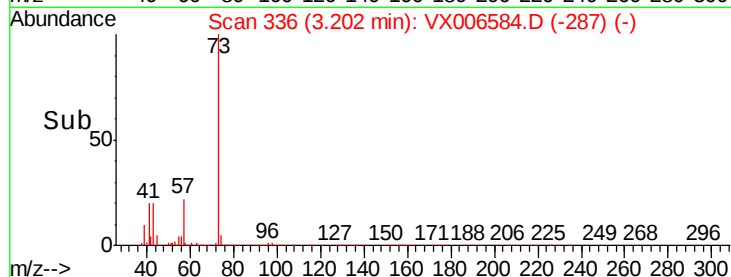
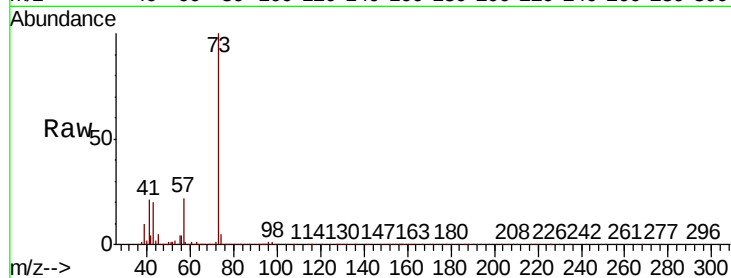
#19
Methvl tert-butvl Ether
Concen: 49.345 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.5	26.3

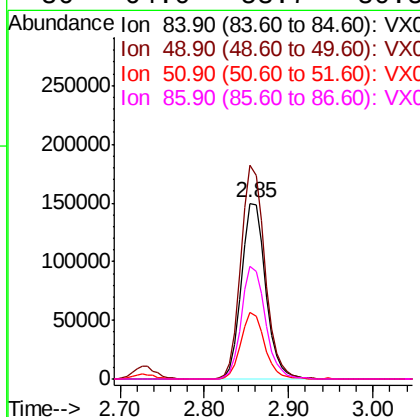
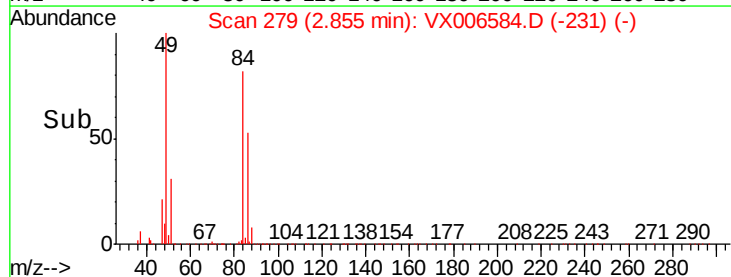
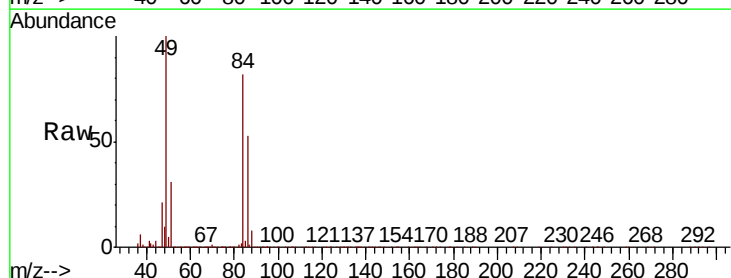
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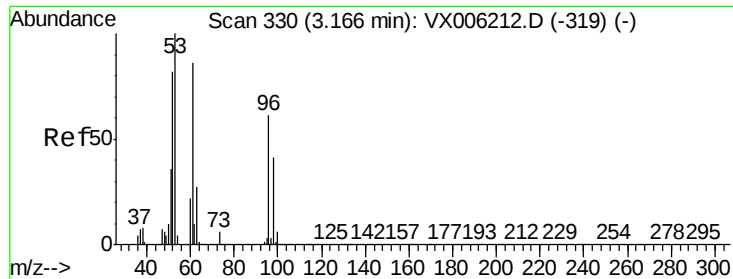
MMDadoda
12/18/2018 9:45:01 AM



#20
Methylene Chloride
Concen: 50.338 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.2	102.2	153.4
51	37.9	31.1	46.7
86	64.0	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 50.471 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

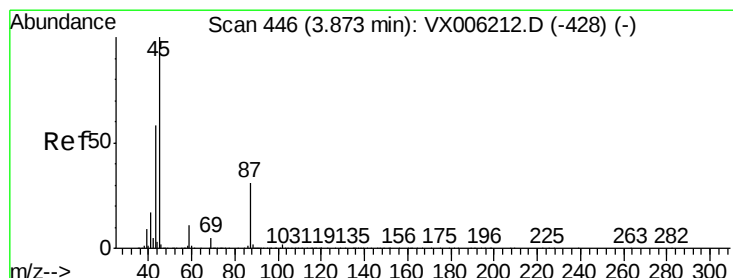
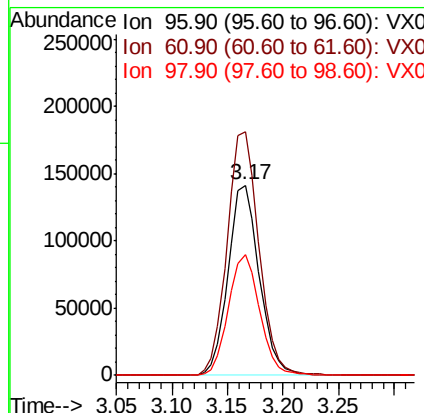
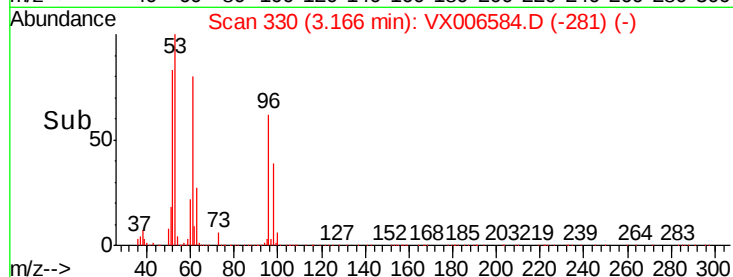
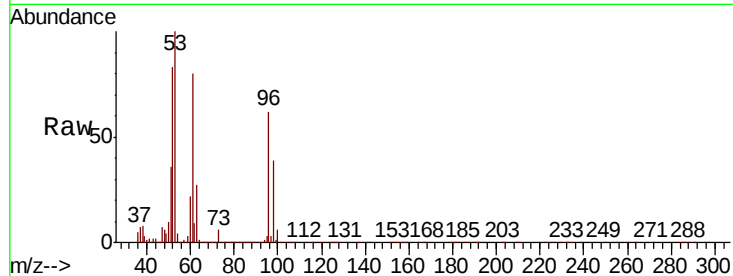
ClientSampleId :

RE105D1-20181210MSD

Tot Ion:	96	Resp:	273426
Ion Ratio	Lower	Upper	
96	100		
61	127.8	113.3	169.9
98	63.1	53.2	79.8

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#22

Diisopropyl ether

Concen: 52.198 ug/l

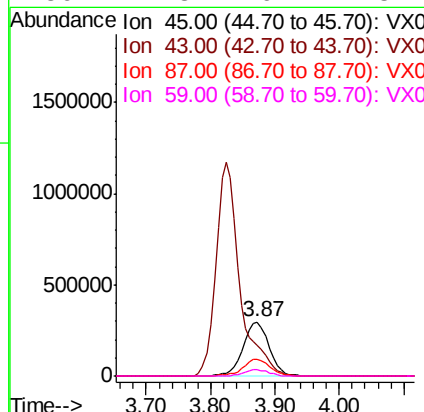
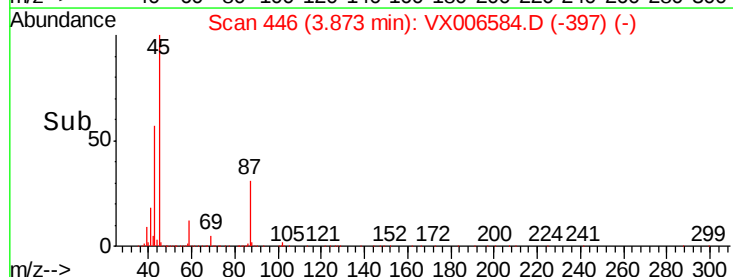
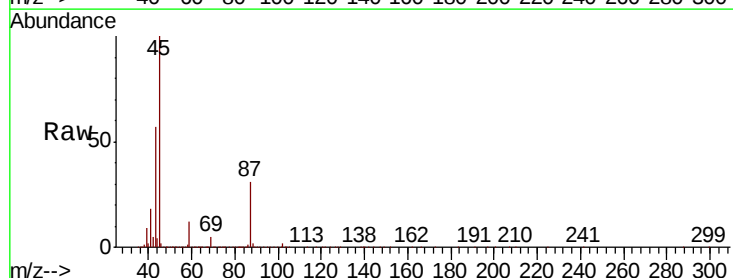
RT: 3.87 min Scan# 446

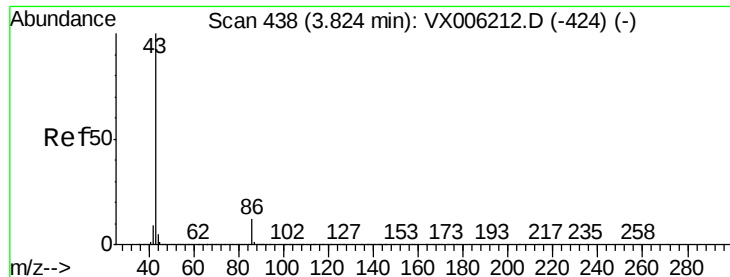
Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Tgt Ion:	45	Resp:	818748
Ion Ratio	Lower	Upper	
45	100		
43	56.5	46.2	69.2
87	31.5	24.9	37.3
59	12.3	9.1	13.7





#23

Vinyl Acetate

Concen: 227.046 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

Tot Ion: 43 Resp: 3037519

Ion Ratio Lower Upper

43 100

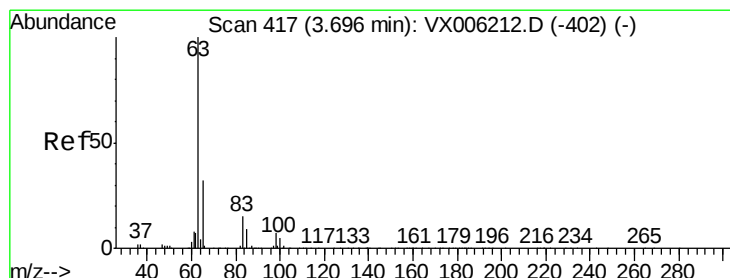
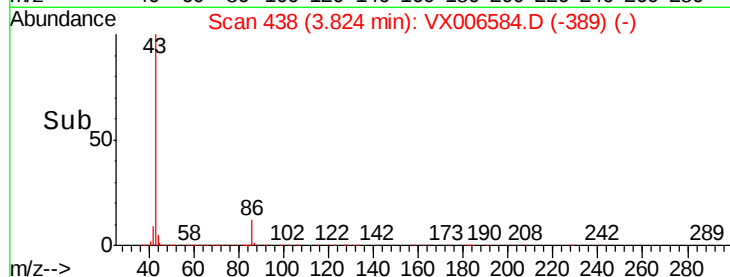
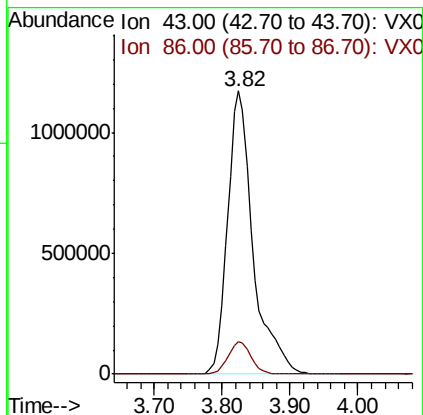
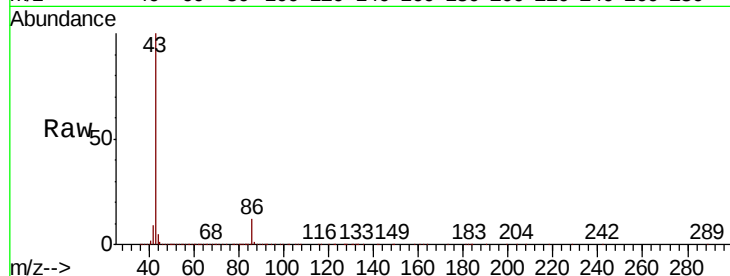
86 11.6 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 51.929 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

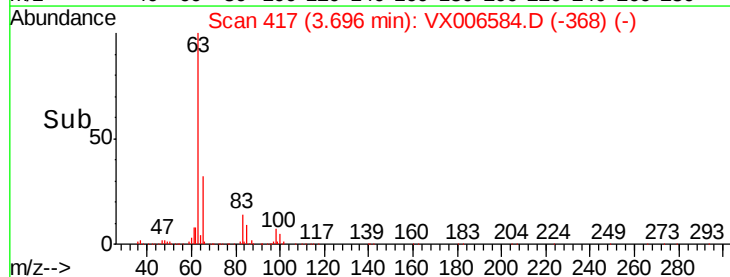
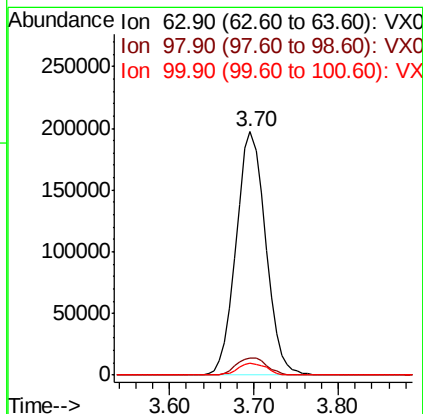
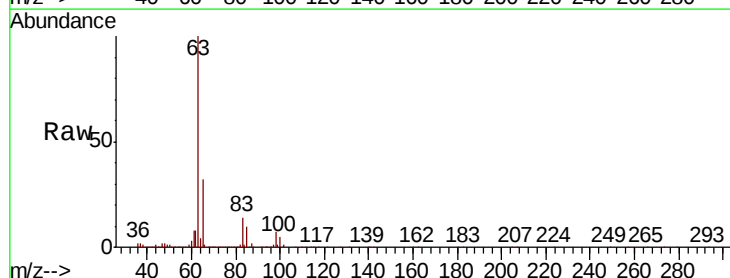
Tgt Ion: 63 Resp: 465569

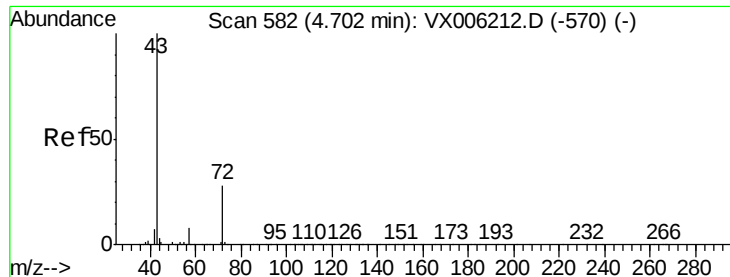
Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.4

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 266.434 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

Tot Ion: 43 Resp: 1023209

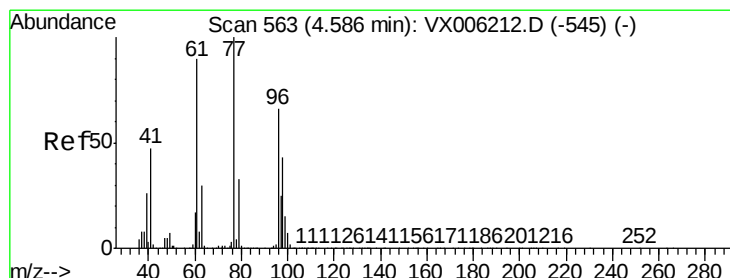
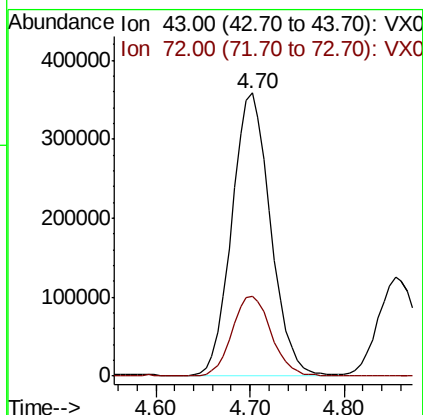
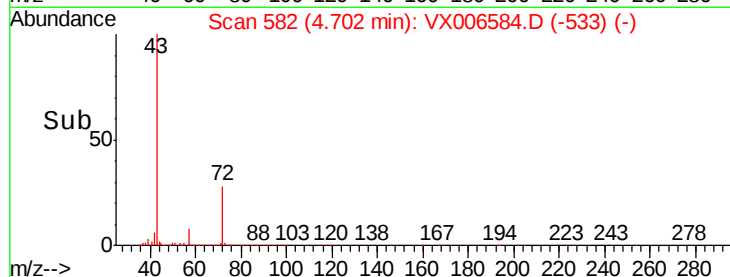
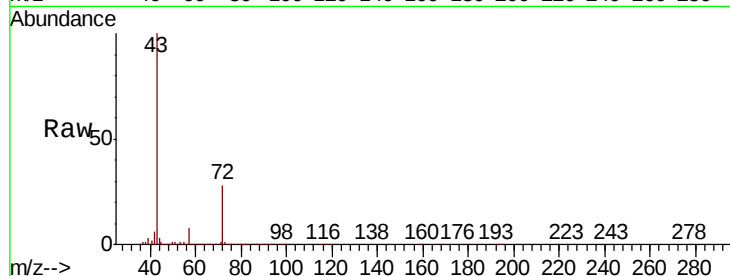
Ion Ratio Lower Upper

43 100

72 28.1 22.6 33.8

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#26

2,2-Dichloropropane

Concen: 37.089 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006584.D

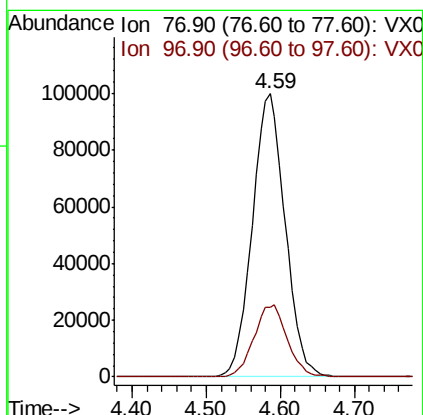
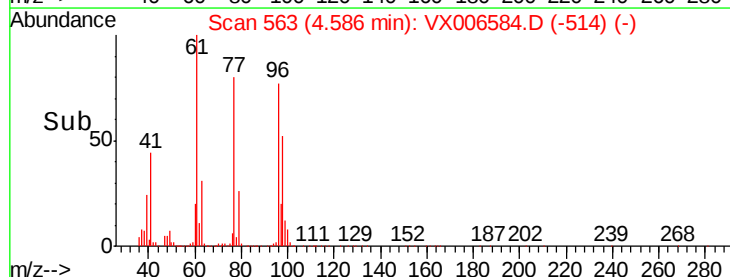
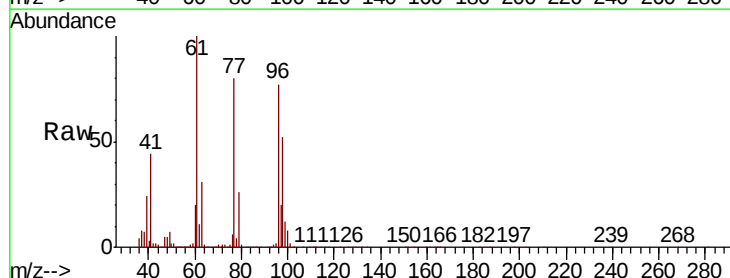
Acq: 17 Dec 2018 20:19

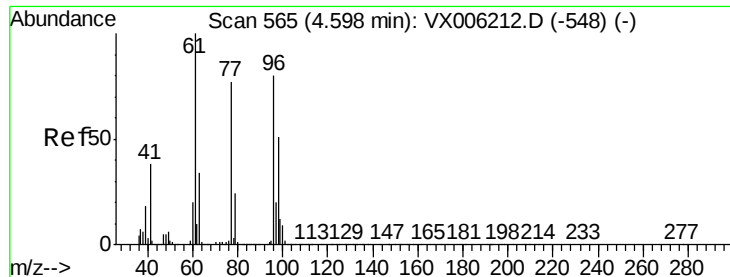
Tgt Ion: 77 Resp: 306878

Ion Ratio Lower Upper

77 100

97 25.8 12.3 36.8





#27

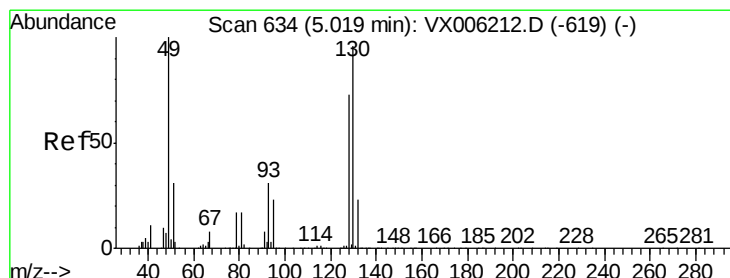
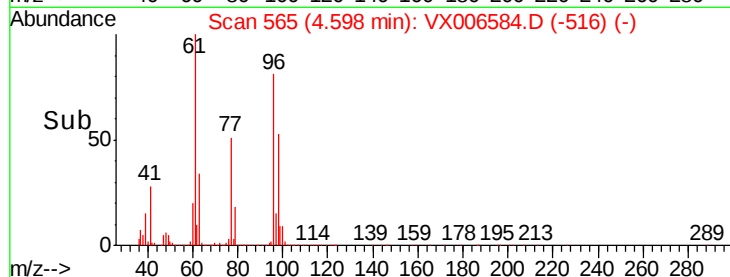
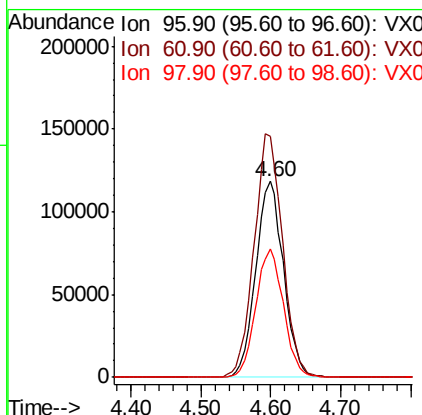
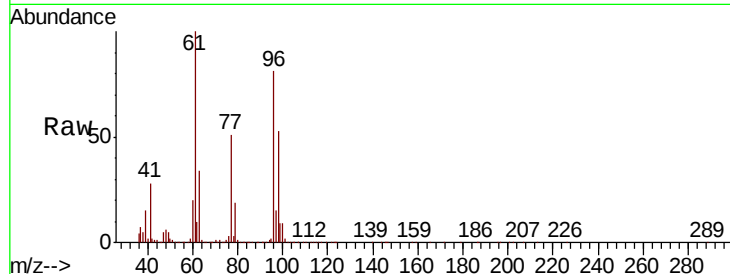
cis-1,2-Dichloroethene
Concen: 54.107 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	326964		
61	126.7		0.0	265.0
98	65.1		0.0	130.2

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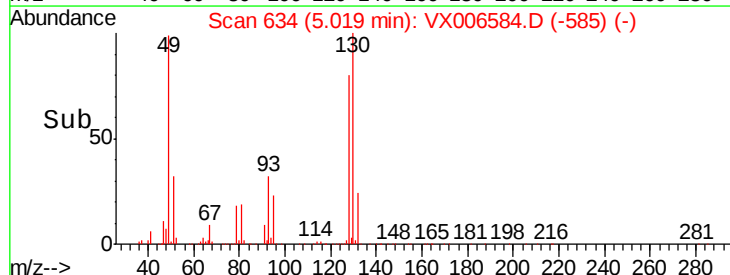
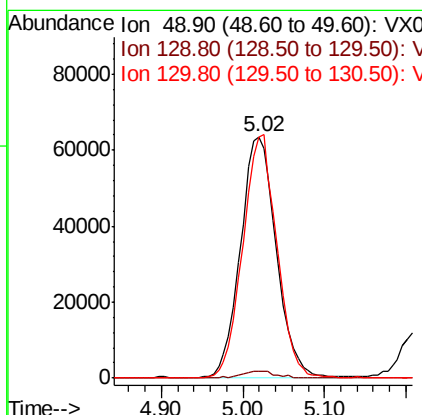
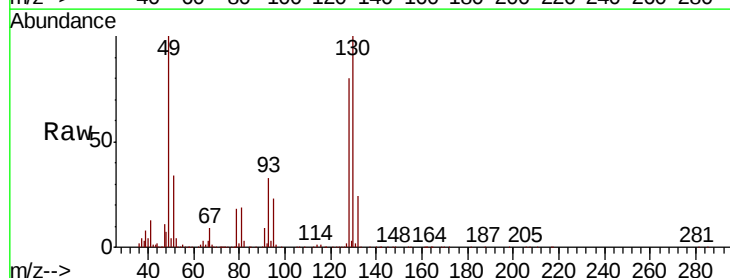
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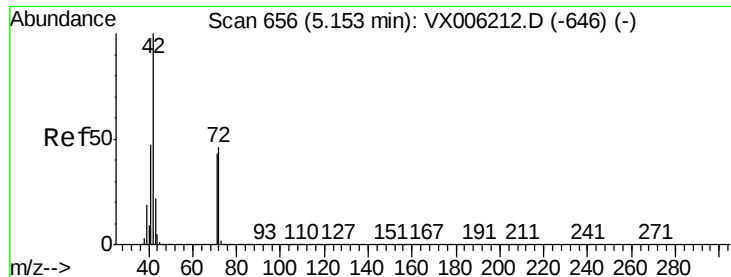


#28

Bromochloromethane
Concen: 49.265 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	192924		
129	2.9		0.0	5.0
130	96.7		78.3	117.5





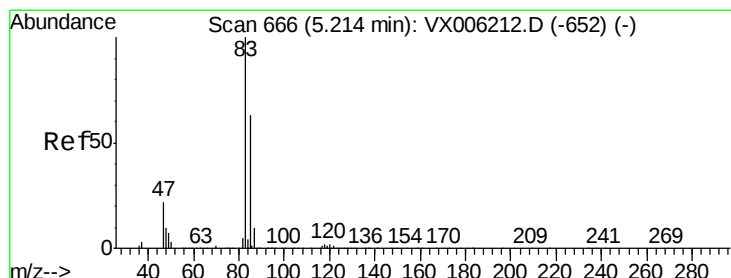
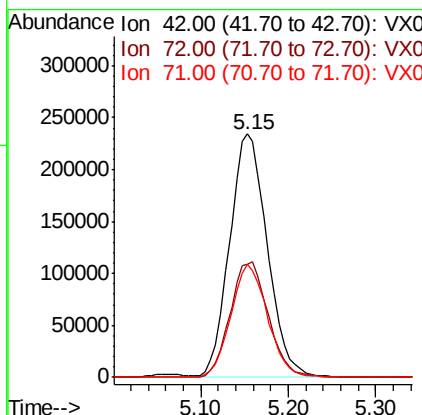
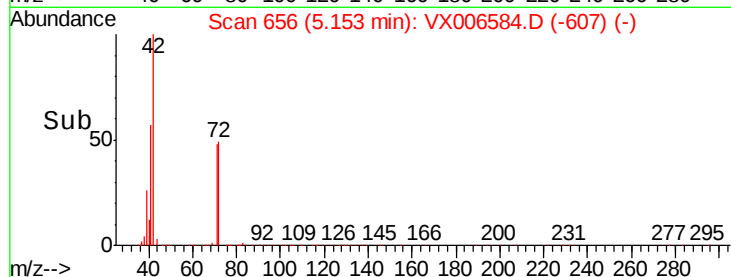
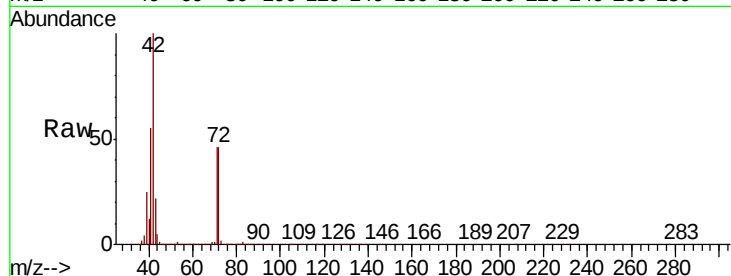
#29
Tetrahydrofuran
Concen: 261.266 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.5	37.8	56.8
71	45.3	35.2	52.8

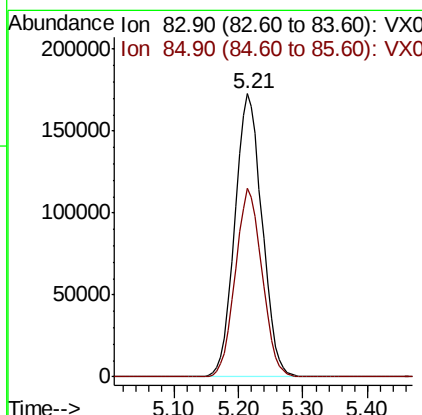
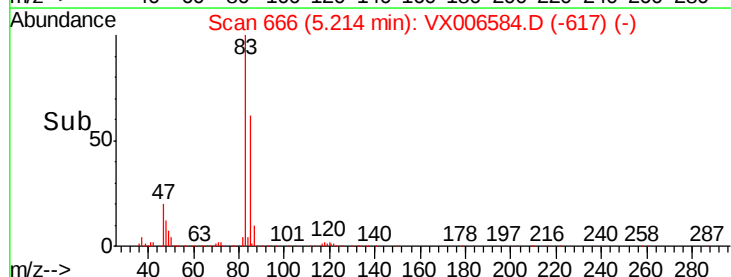
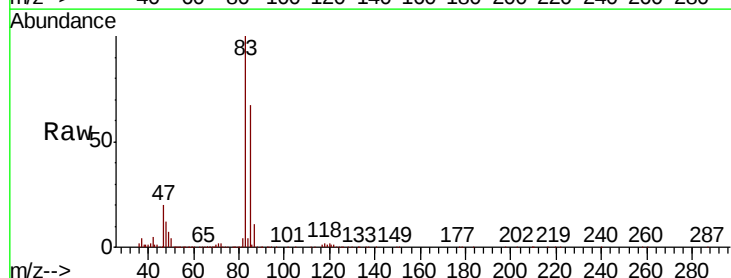
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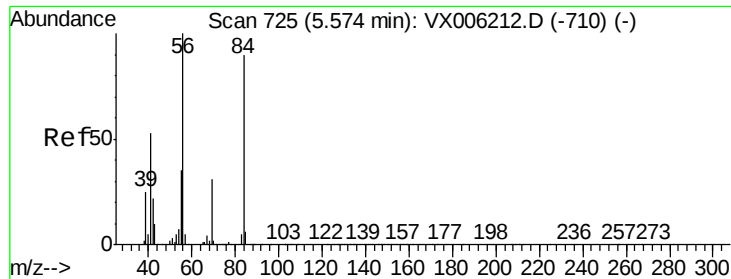
MMDadoda
12/18/2018 9:45:01 AM



#30
Chloroform
Concen: 53.808 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	50.3	75.5





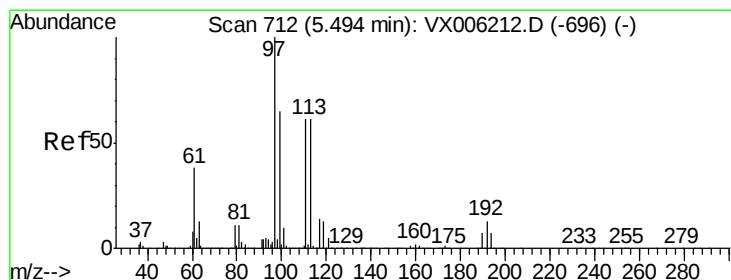
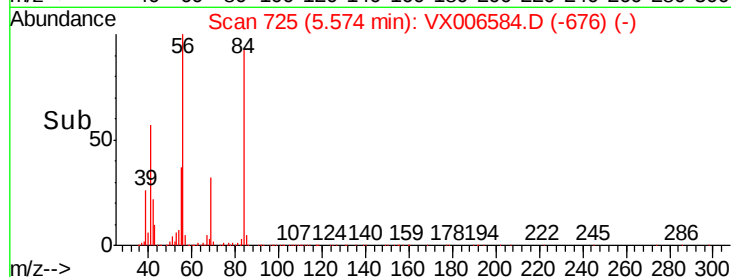
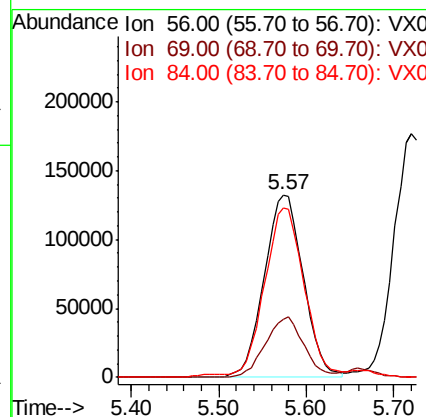
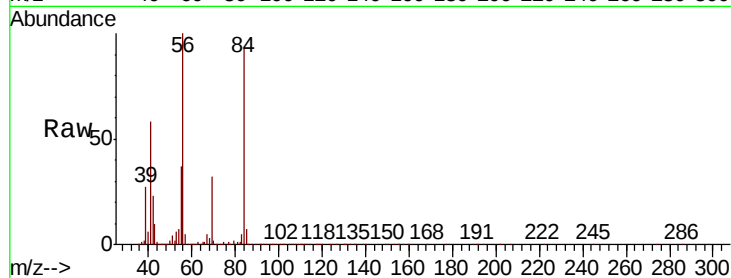
#31
Cyclohexane
Concen: 49.686 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	24.5	36.7
84	92.0	71.8	107.6

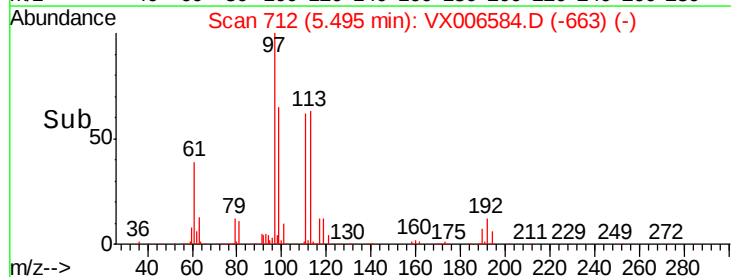
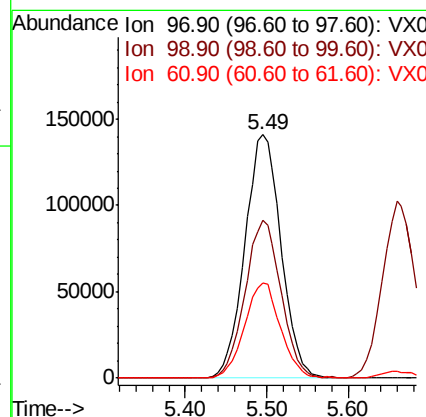
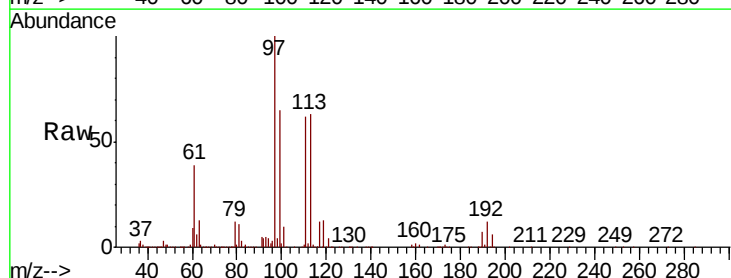
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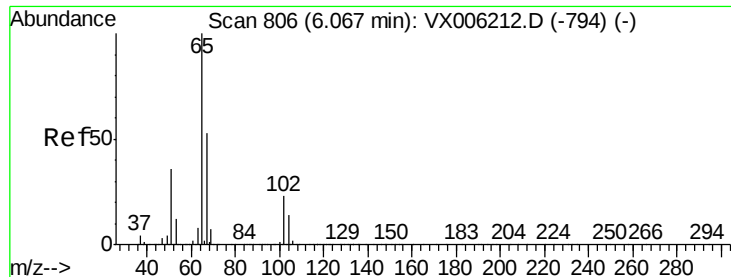
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#32
1,1,1-Trichloroethane
Concen: 48.432 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	39.2	30.6	46.0





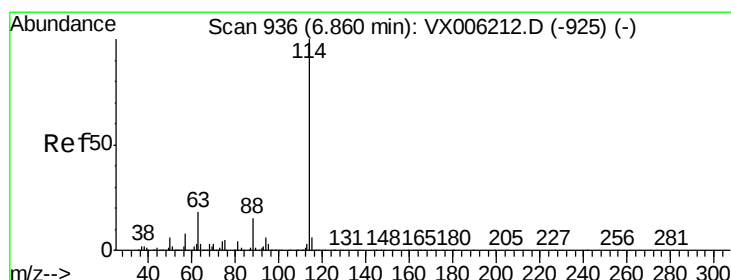
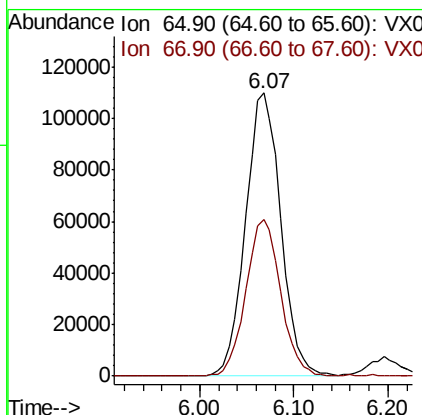
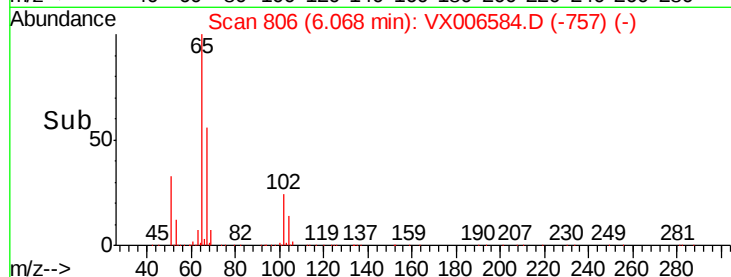
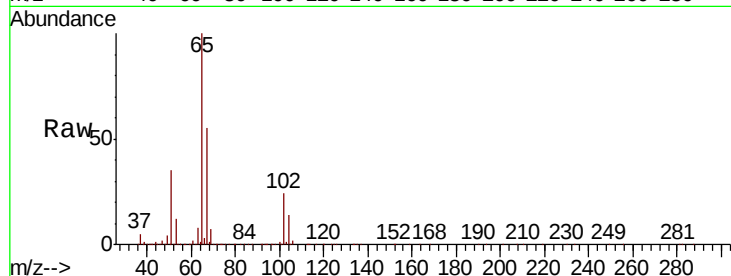
#33
 1,2-Dichloroethane-d4
 Concen: 49.931 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006584.D
 Acq: 17 Dec 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20181210MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	286368		
67	54.6	0.0	107.2	

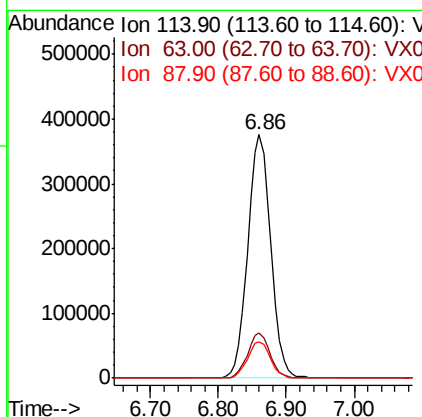
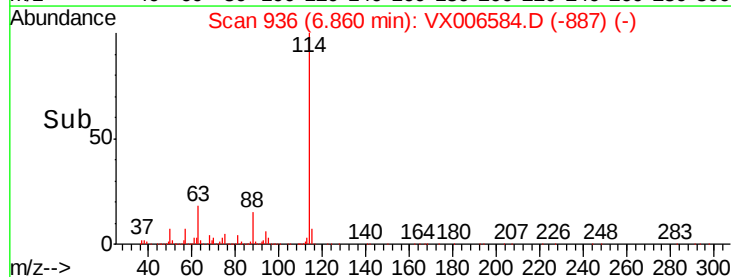
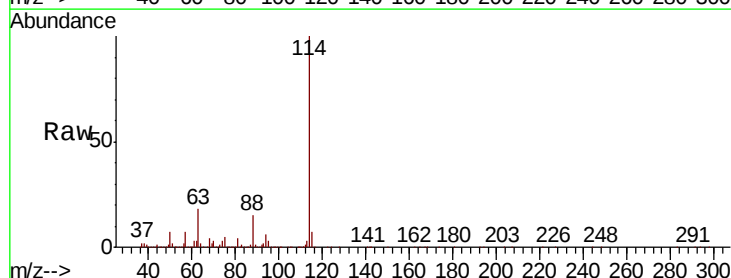
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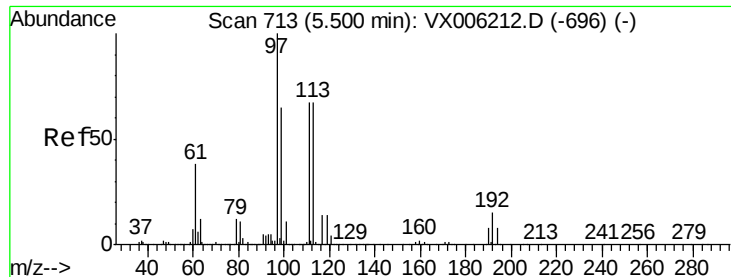
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006584.D
 Acq: 17 Dec 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	881207		
63	18.4	0.0	36.6	
88	14.9	0.0	29.0	





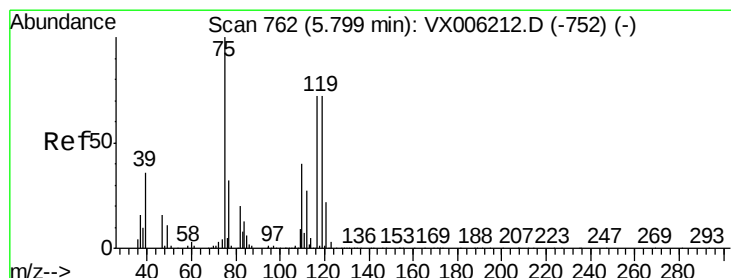
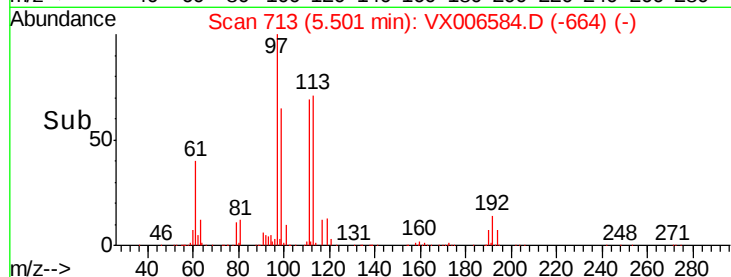
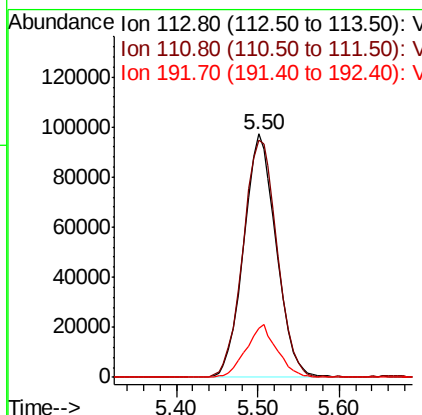
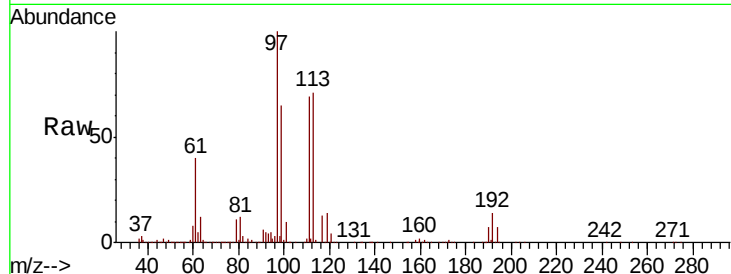
#35
Dibromofluoromethane
Concen: 47.179 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	269181		
111	102.3	81.1	121.7	
192	20.8	18.2	27.2	

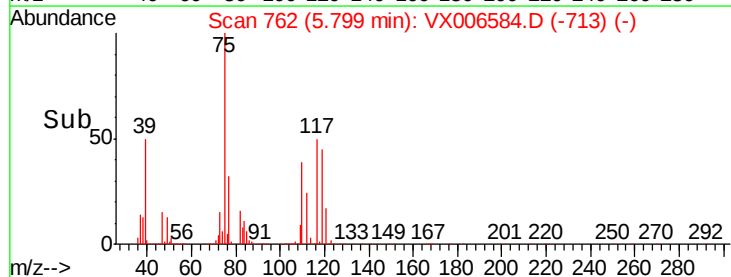
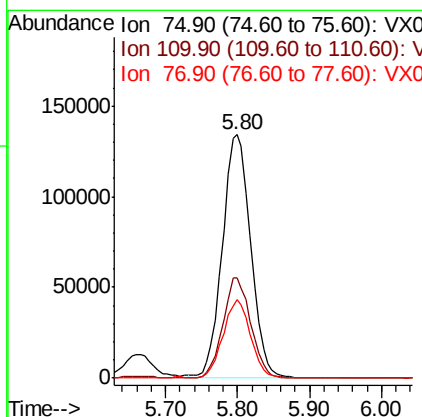
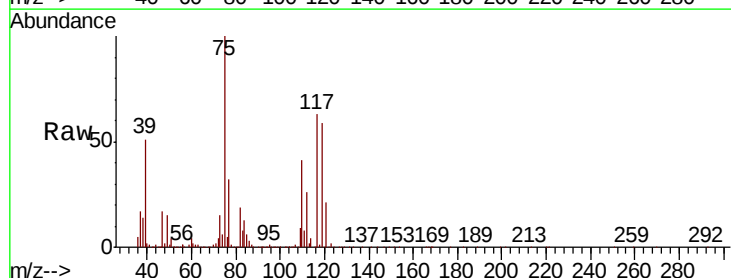
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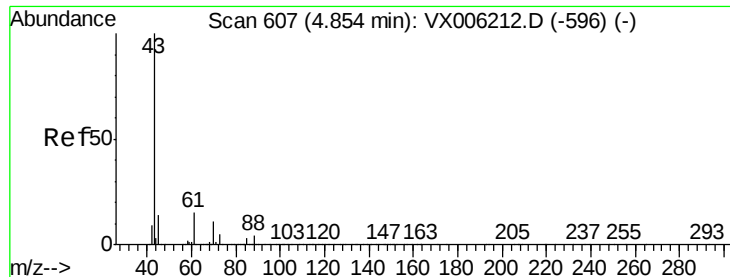
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#36
1,1-Dichloropropene
Concen: 49.400 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	366577		
110	40.3	20.4	61.3	
77	31.0	24.9	37.3	





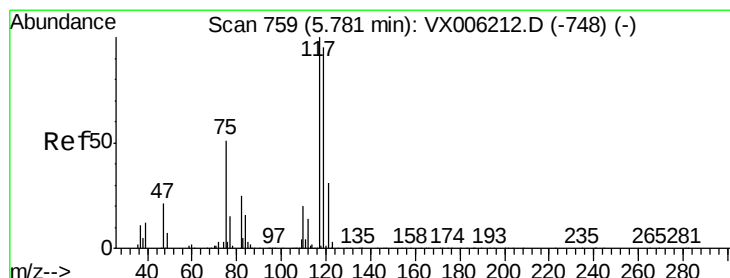
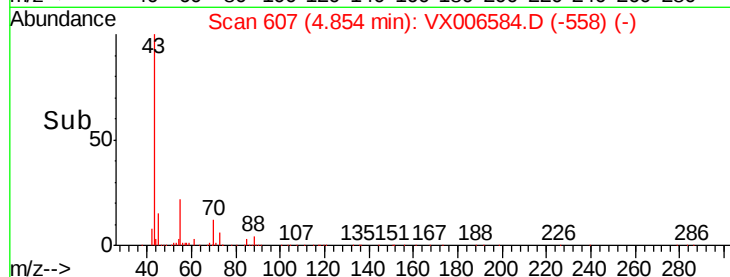
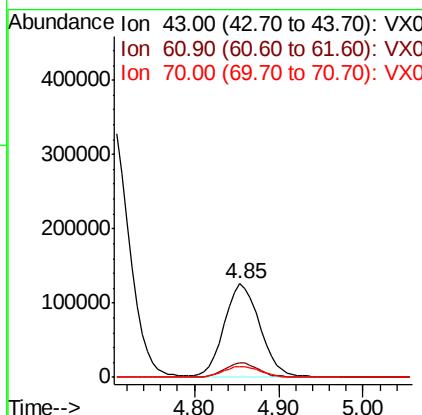
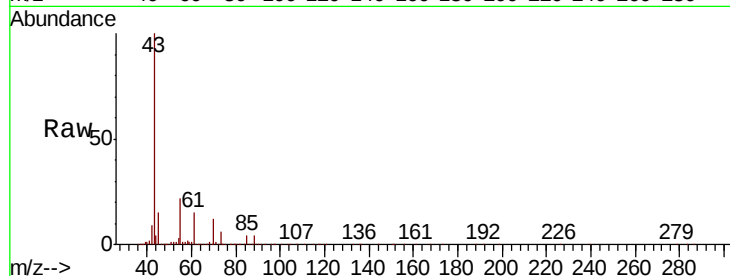
#37
Ethyl Acetate
Concen: 43.724 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.5	17.3
70	12.2	9.0	13.6

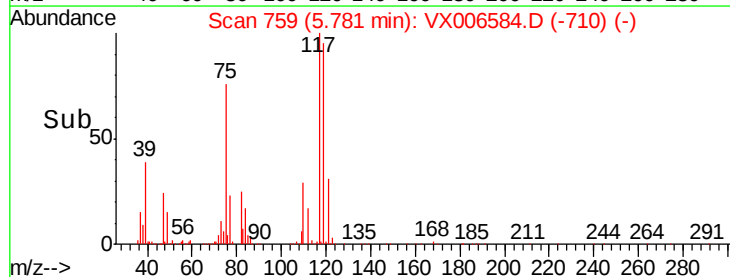
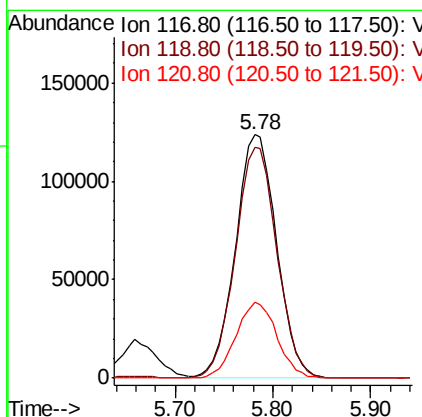
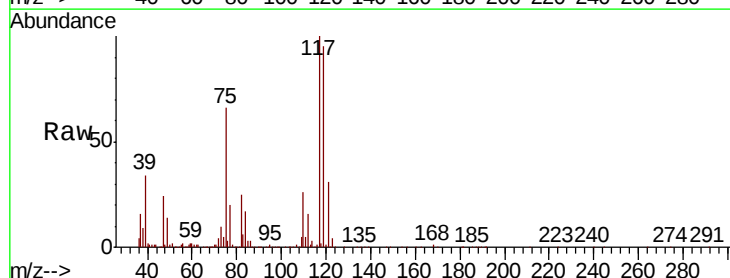
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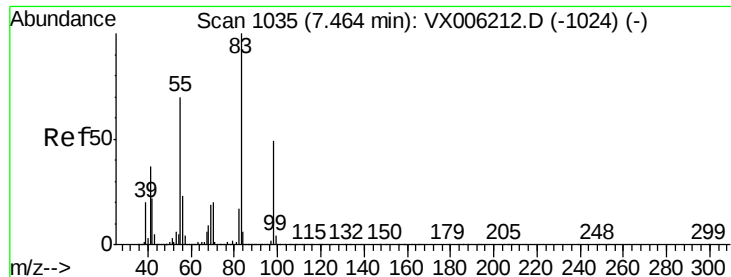
MMDadoda
12/18/2018 9:45:01 AM



#38
Carbon Tetrachloride
Concen: 41.171 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
121	31.2	24.6	37.0





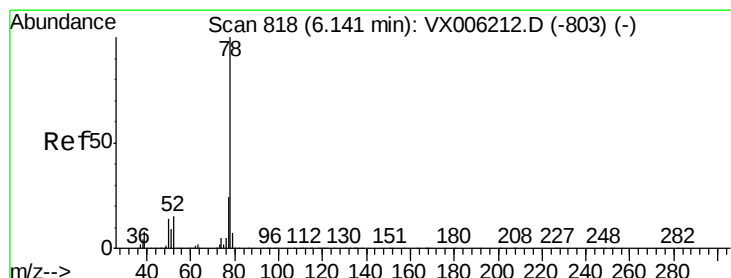
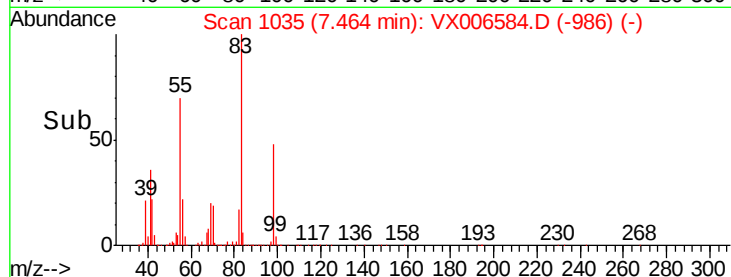
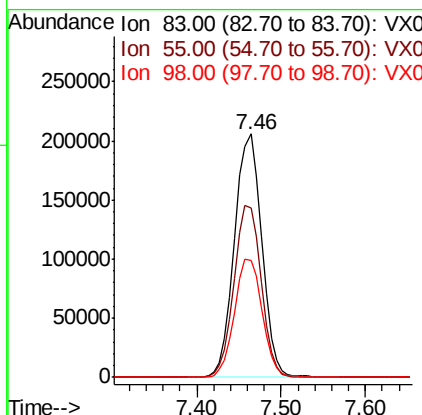
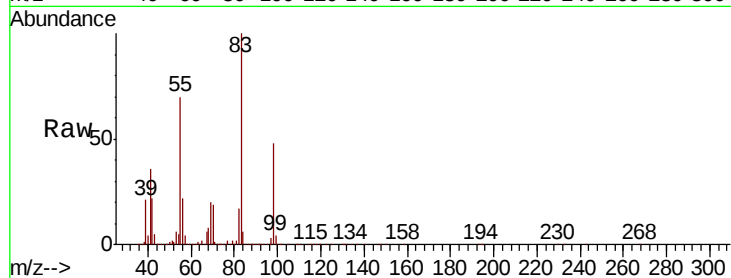
#39
Methvlcvclohexane
Concen: 46.852 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.6	56.4	84.6
98	48.2	39.0	58.6

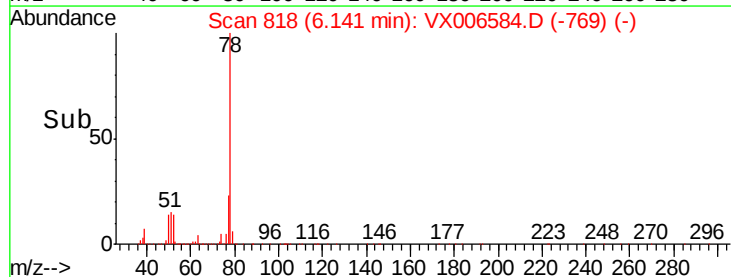
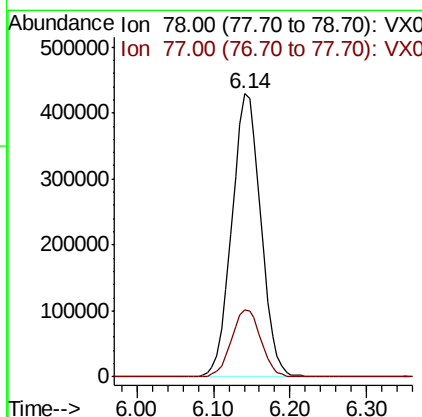
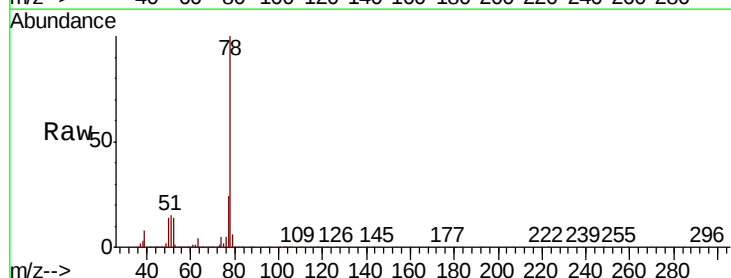
Manual Integrations
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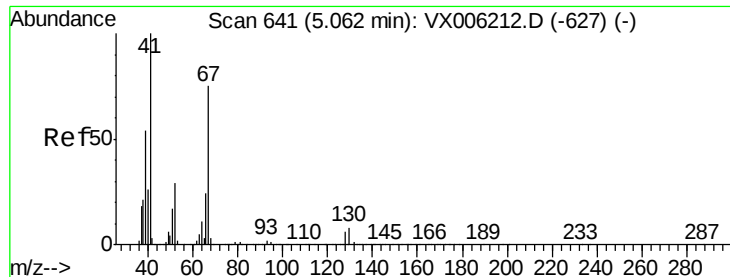
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12/18/2018 9:45:01 AM



#40
Benzene
Concen: 50.713 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.2	28.8





#41

Methacrylonitrile

Concen: 48.336 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

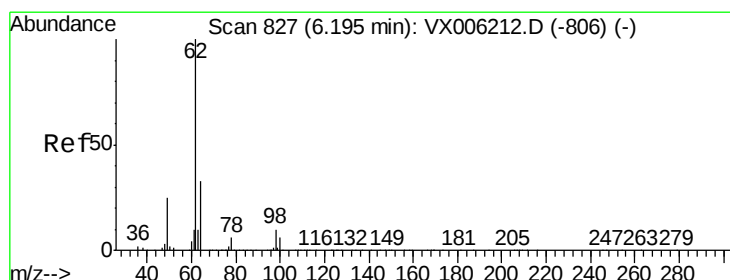
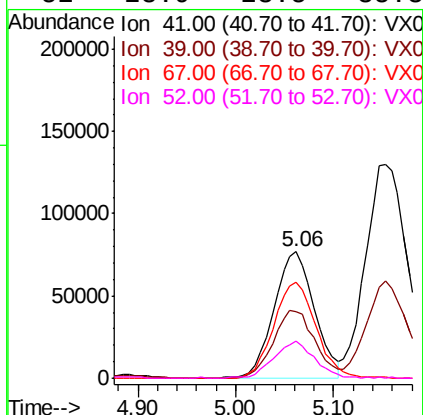
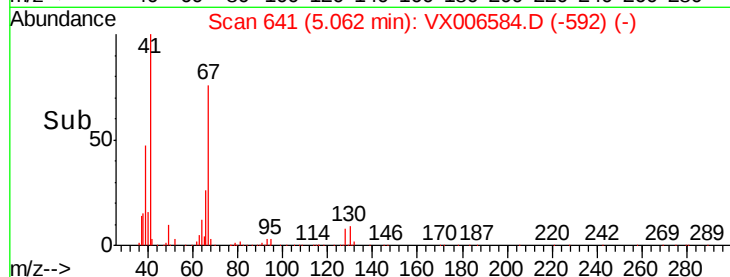
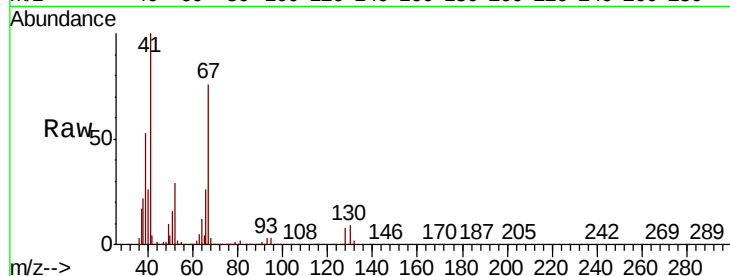
ClientSampleId :

RE105D1-20181210MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		221028		
39	55.6	44.0	66.0		
67	79.0	61.4	92.0		
52	28.9	23.5	35.3		

Manual Integrations
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MMDadoda
12/18/2018 9:45:01 AM



#42

1,2-Dichloroethane

Concen: 52.040 ug/l

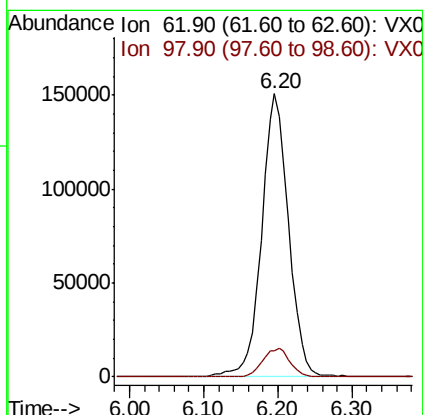
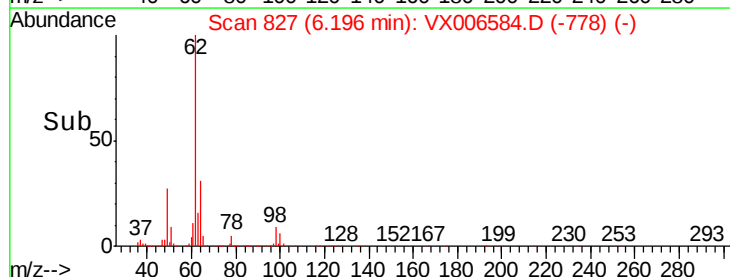
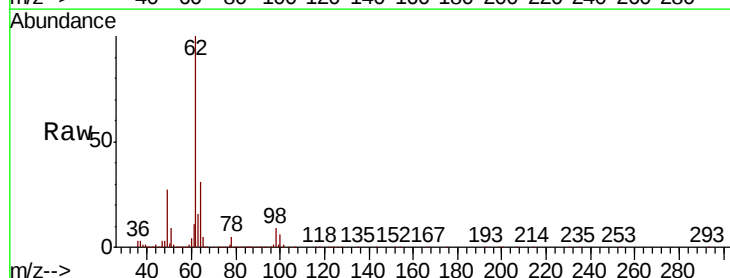
RT: 6.20 min Scan# 827

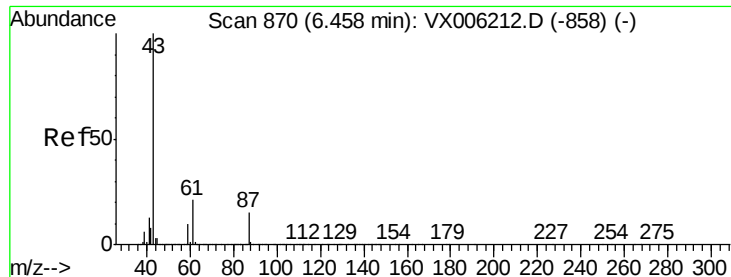
Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		378537		
98	10.3	0.0	20.2		





#43

Isopropyl Acetate

Concen: 43.529 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

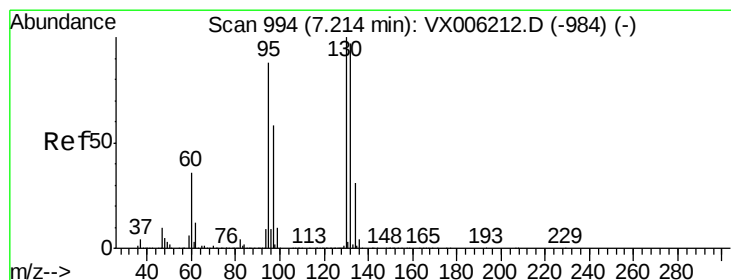
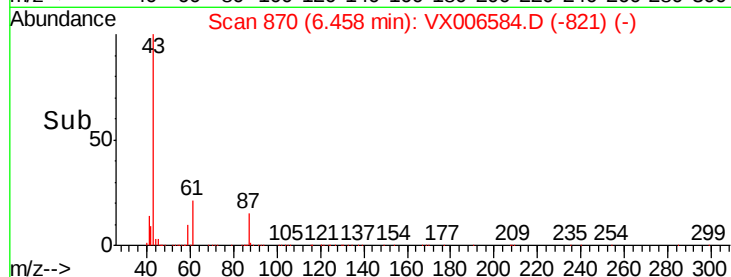
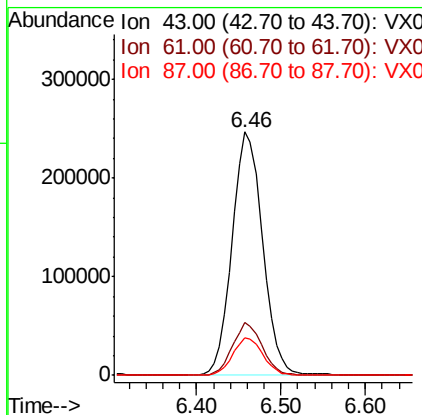
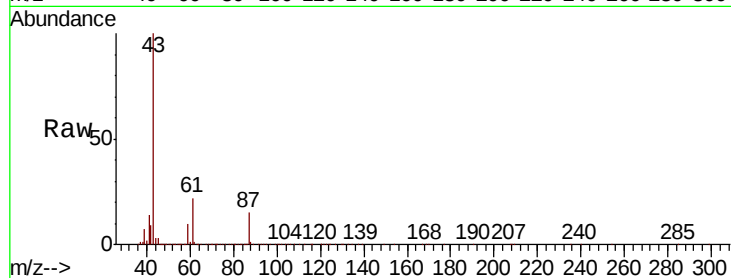
ClientSampleId :

RE105D1-20181210MSD

Tot Ion:	43	Resp:	603115
Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.8	25.2
87	15.3	11.9	17.9

Manual Integrations
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#44

Trichloroethene

Concen: 171.057 ug/l

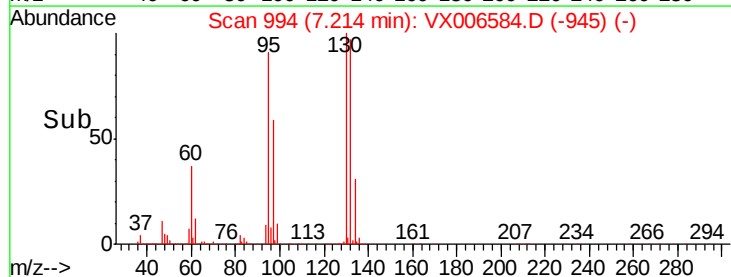
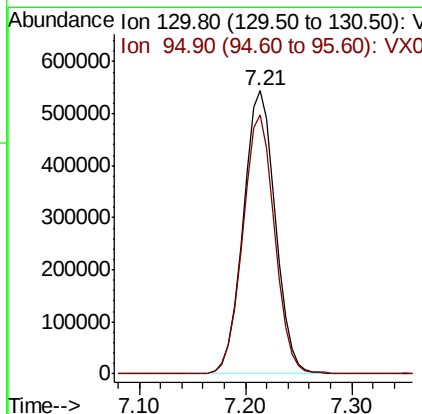
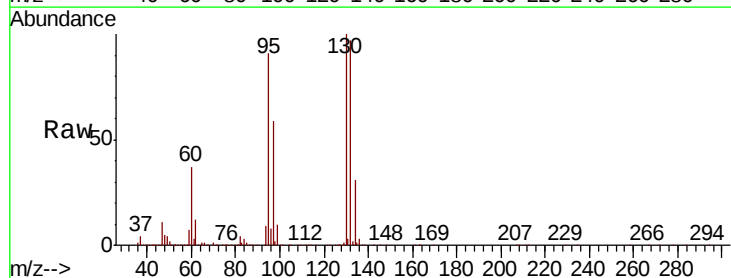
RT: 7.21 min Scan# 994

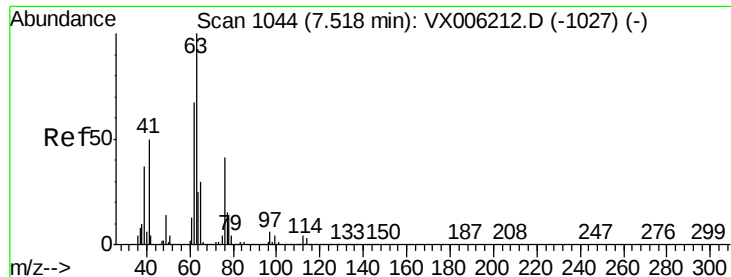
Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Tgt Ion:	130	Resp:	1151739
Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	175.8





#45

1,2-Dichloropropane

Concen: 49.462 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

Tot Ion: 63 Resp: 279397

Ion Ratio Lower Upper

63 100

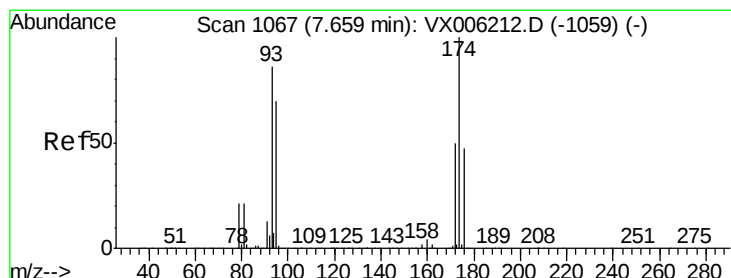
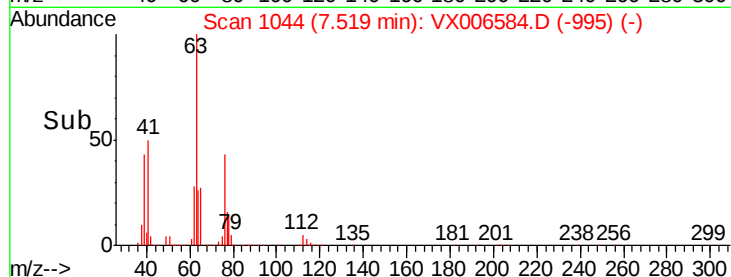
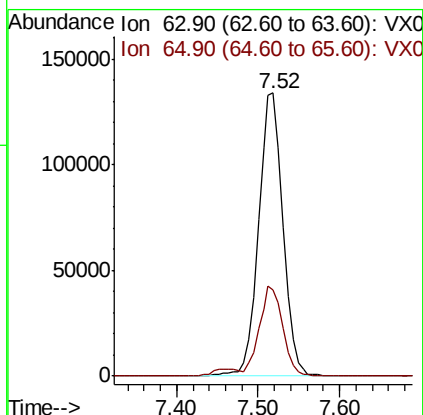
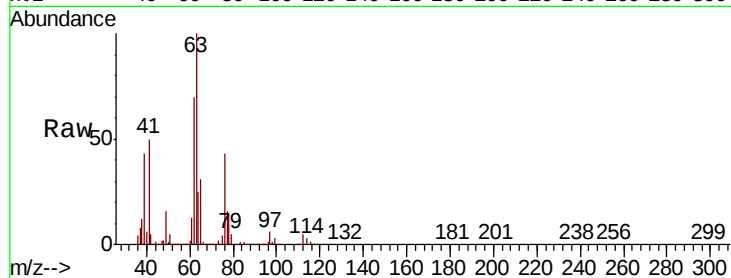
65 30.6 24.3 36.5

Manual Integrations

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#46

Dibromomethane

Concen: 49.338 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

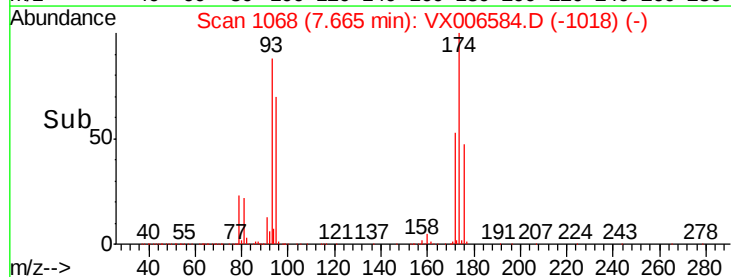
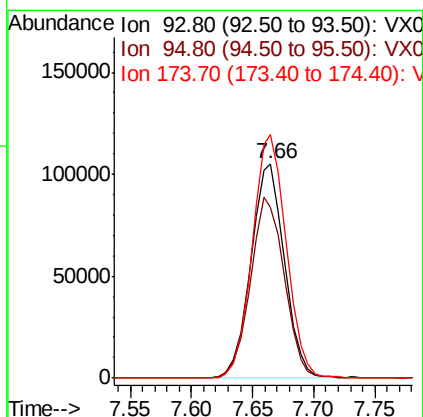
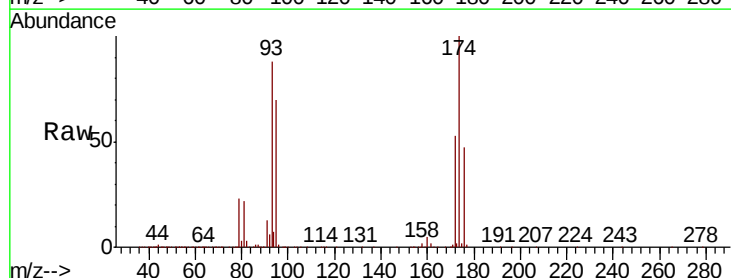
Tgt Ion: 93 Resp: 201279

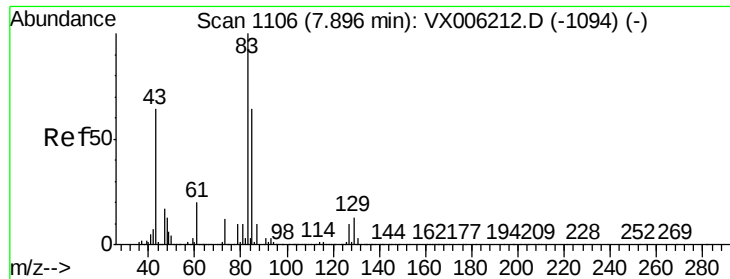
Ion Ratio Lower Upper

93 100

95 85.1 66.2 99.4

174 114.4 97.2 145.8





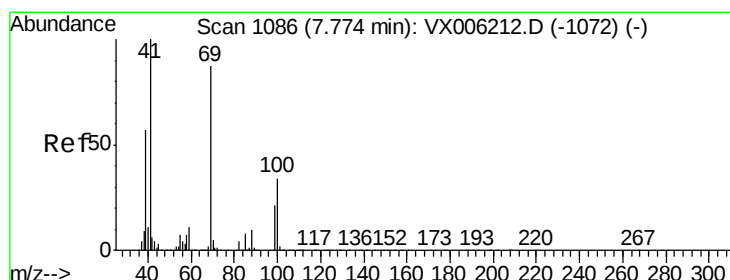
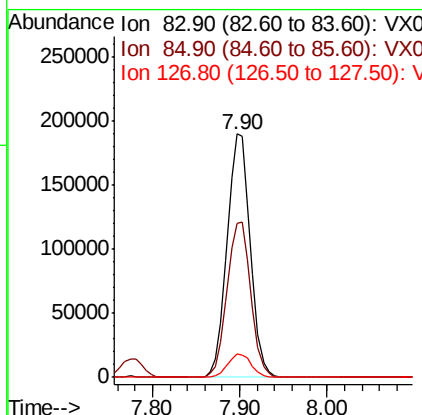
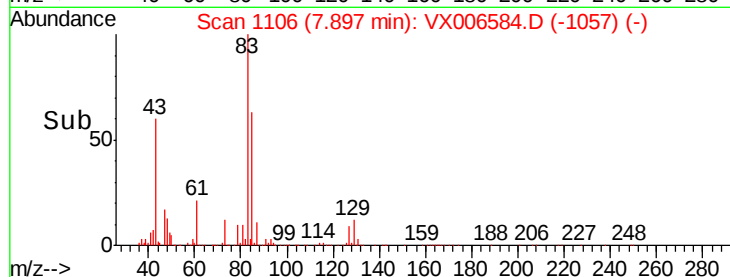
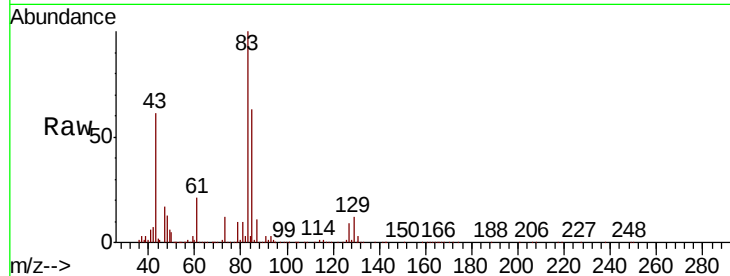
#47
Bromodichloromethane
Concen: 44.329 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.4	77.0
127	9.4	7.9	11.9

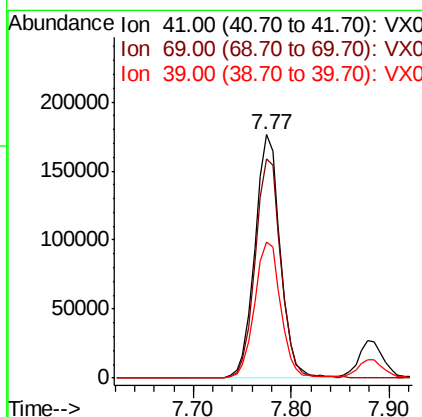
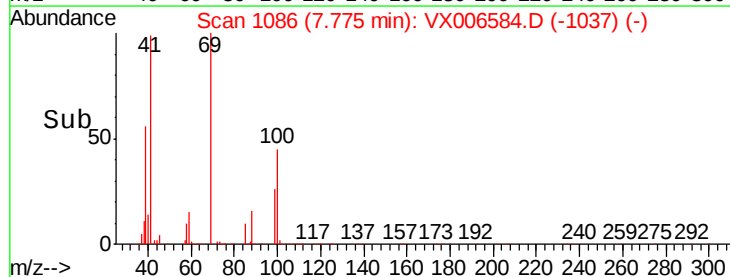
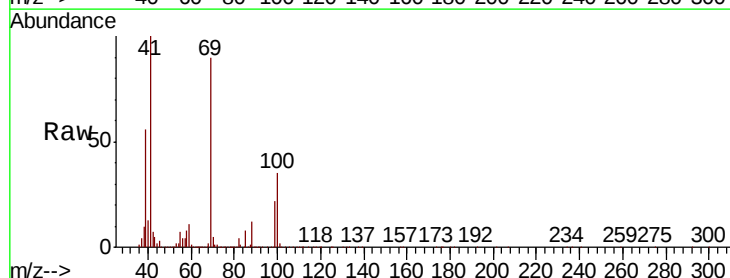
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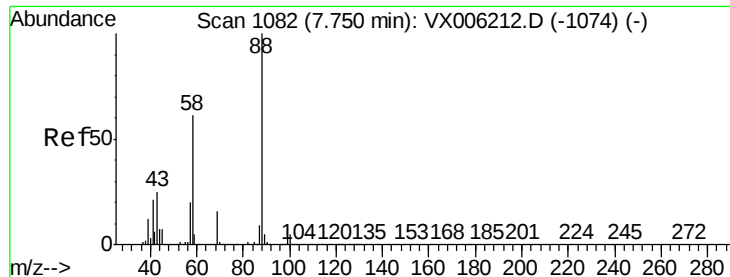
MMDadoda
12/18/2018 9:45:01 AM



#48
Methyl methacrylate
Concen: 46.826 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
41	100		
69	92.0	70.3	105.5
39	57.4	45.3	67.9





#49

1,4-Dioxane

Concen: 1057.701 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

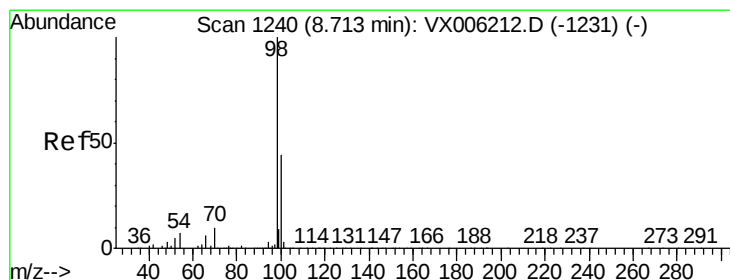
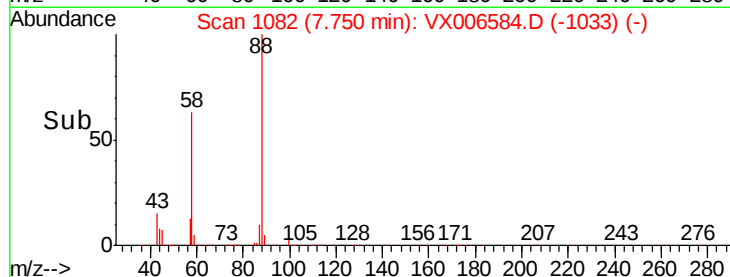
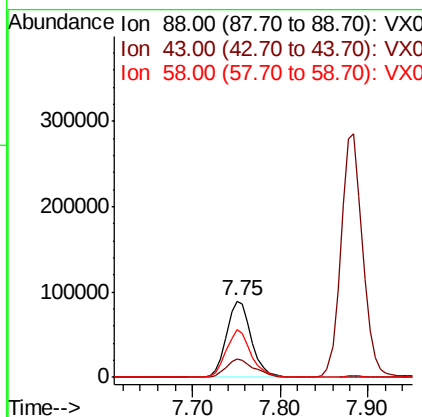
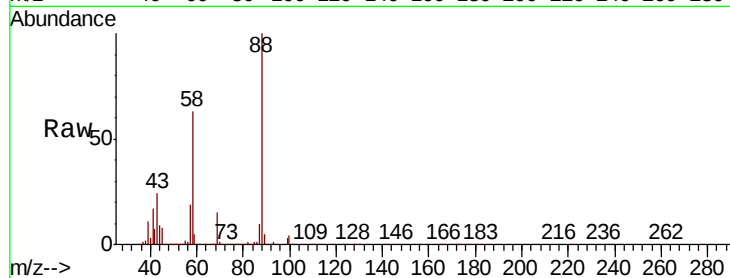
ClientSampleId :

RE105D1-20181210MSD

Tot Ion:	88	Resp:	175716
Ion Ratio	Lower	Upper	
88	100		
43	27.3	23.2	34.8
58	62.2	51.4	77.0

Manual Integrations
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#50

Toluene-d8

Concen: 46.112 ug/l

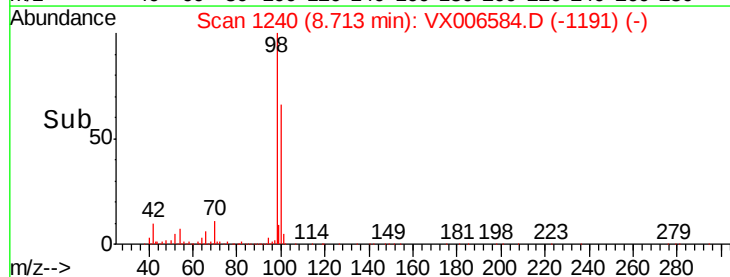
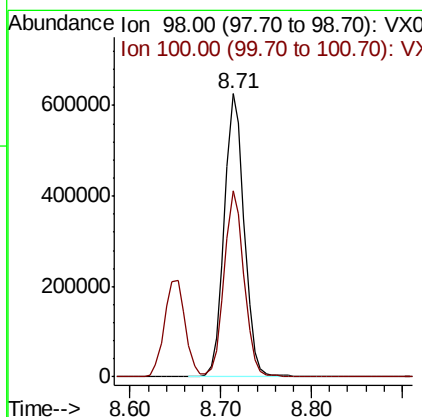
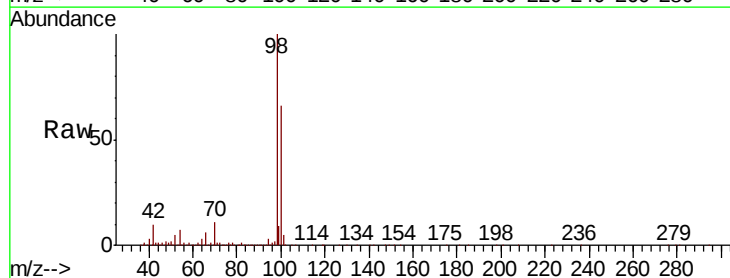
RT: 8.71 min Scan# 1240

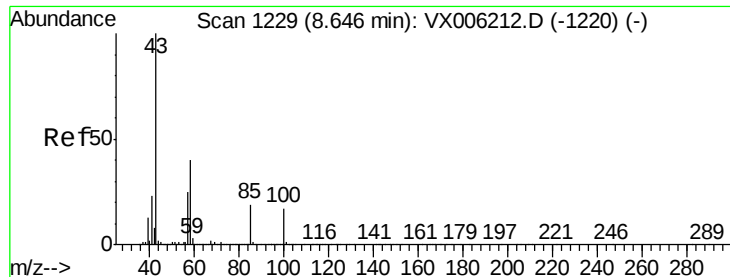
Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Tgt Ion:	98	Resp:	956980
Ion Ratio	Lower	Upper	
98	100		
100	65.6	52.2	78.2





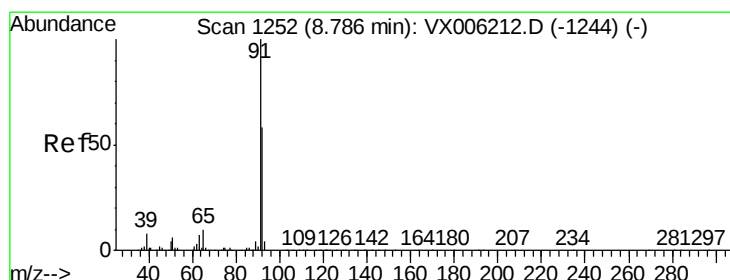
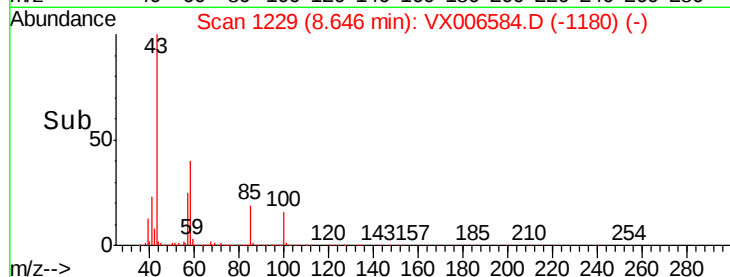
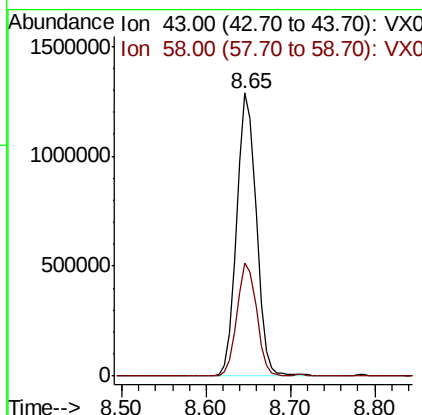
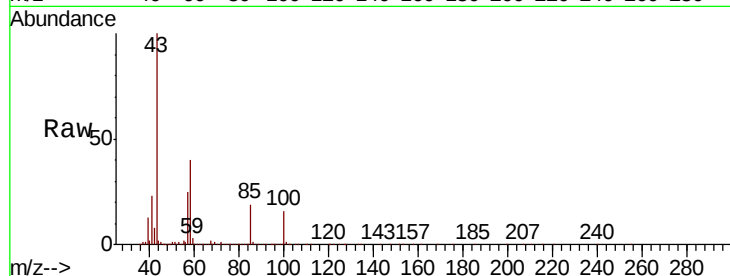
#51
4-Methyl-2-Pentanone
Concen: 249.384 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

Tot Ion: 43 Resp: 2011500
Ion Ratio Lower Upper
43 100
58 40.0 31.3 46.9

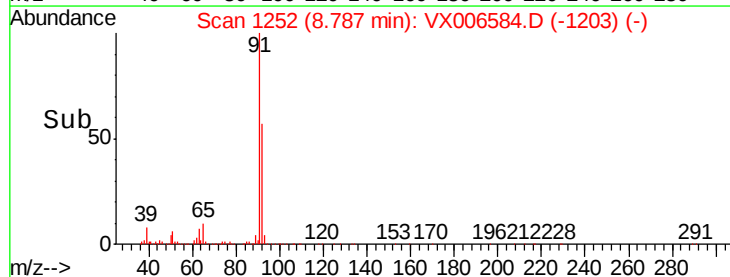
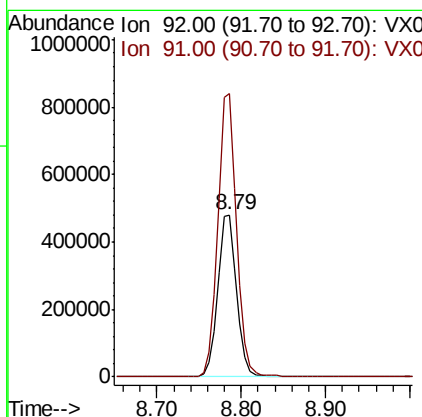
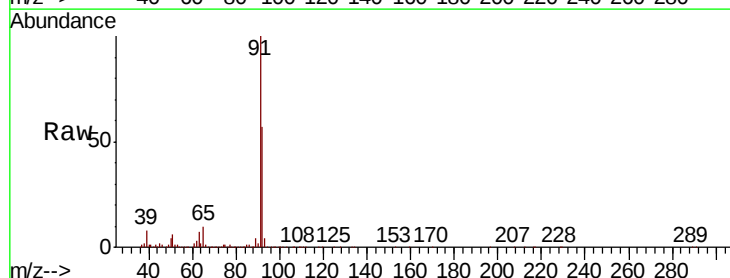
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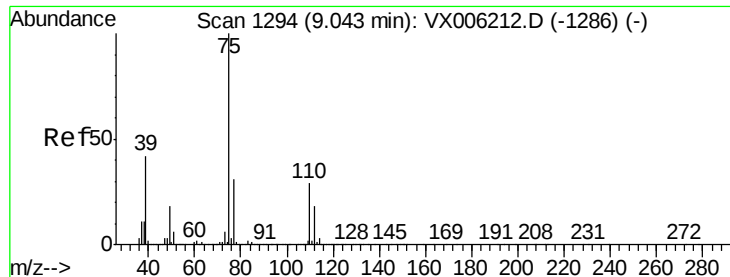
MMDadoda
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#52
Toluene
Concen: 50.959 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion: 92 Resp: 745130
Ion Ratio Lower Upper
92 100
91 173.5 139.2 208.8





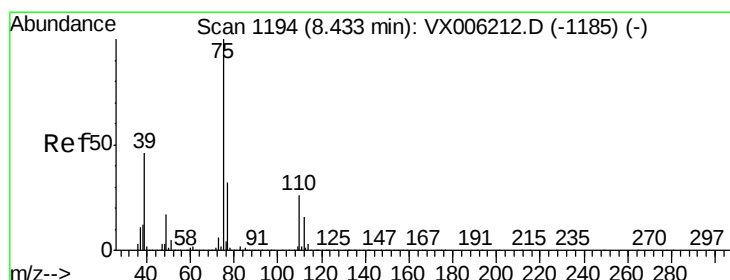
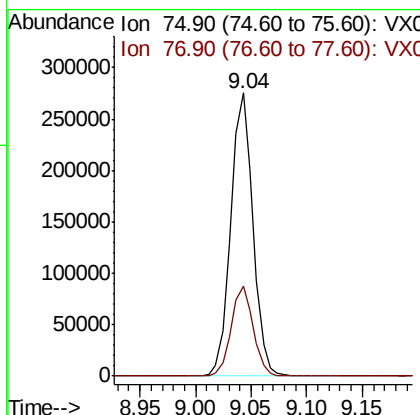
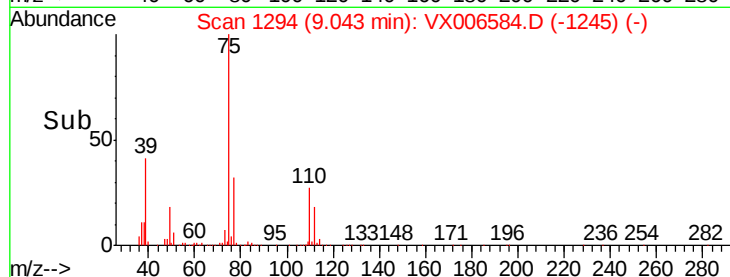
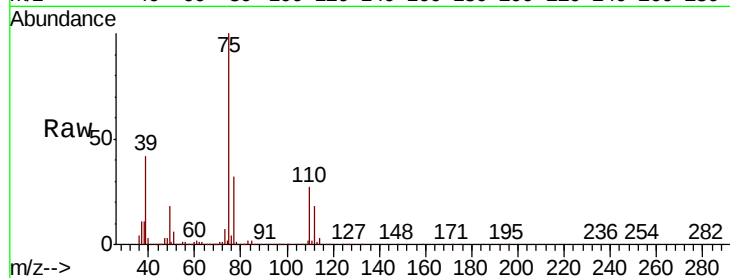
#53
t-1,3-Dichloropropene
Concen: 41.090 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.0	37.4

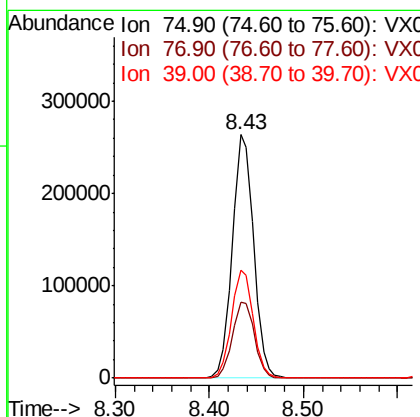
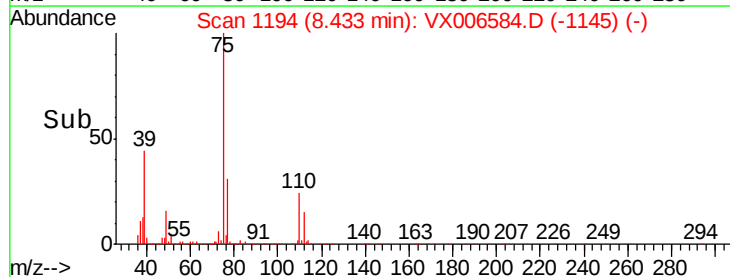
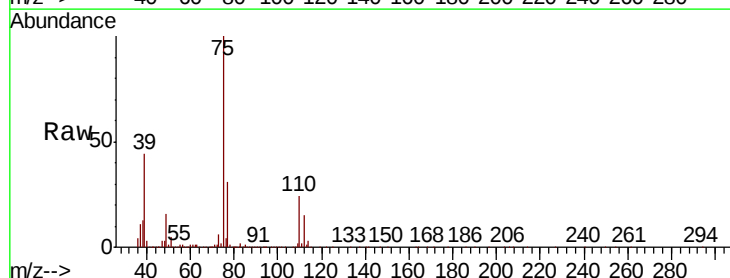
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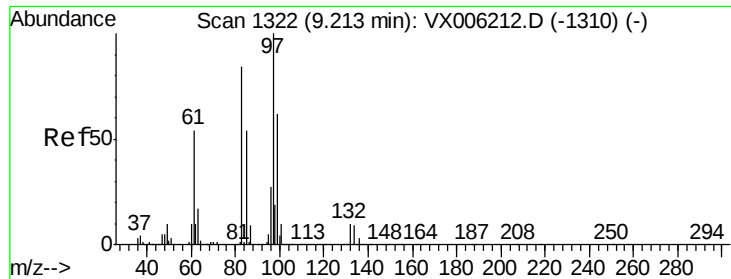
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 43.235 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.6	38.4
39	44.3	36.5	54.7





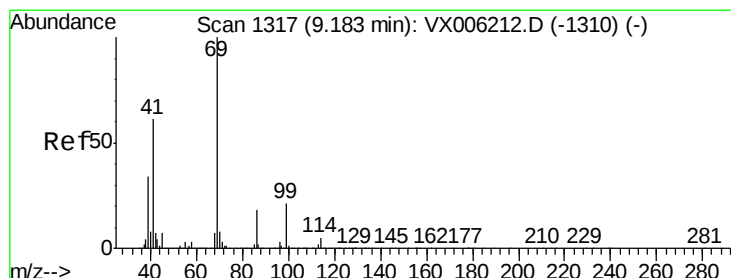
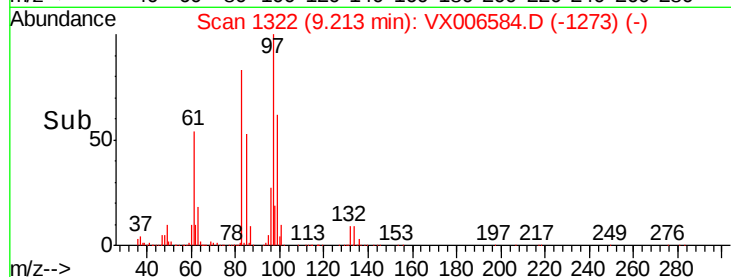
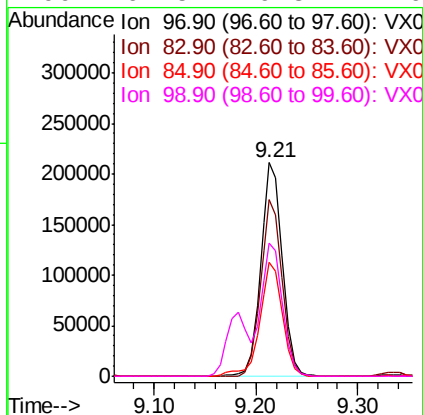
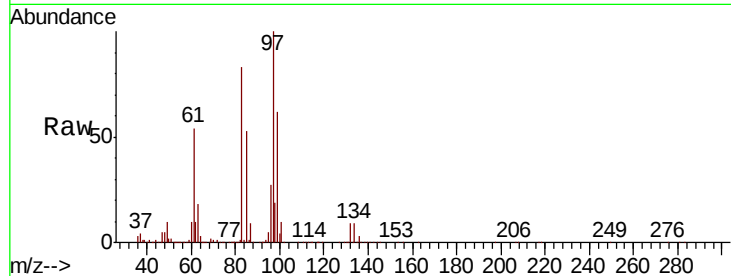
#55
 1,1,2-Trichloroethane
 Concen: 52.491 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006584.D
 Acq: 17 Dec 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20181210MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		311812		
83	82.6	67.1	100.7		
85	53.4	43.2	64.8		
99	62.5	49.8	74.6		

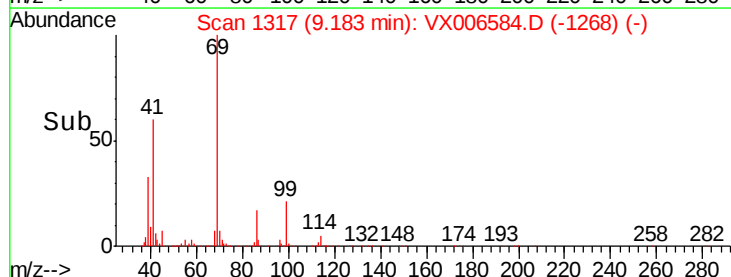
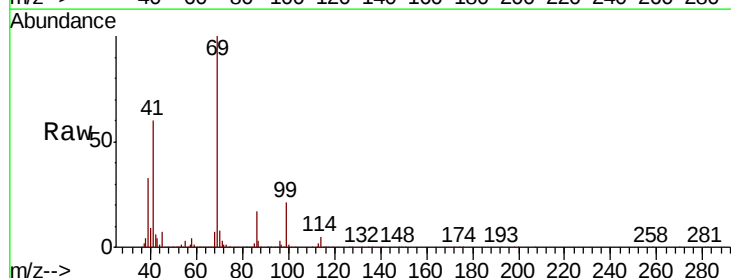
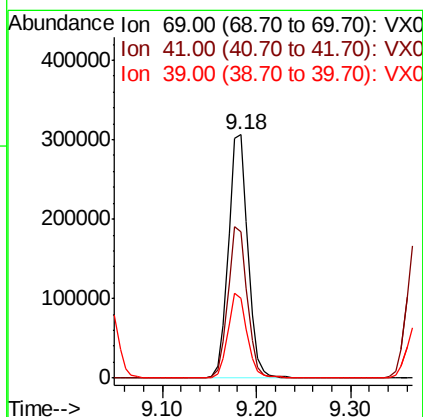
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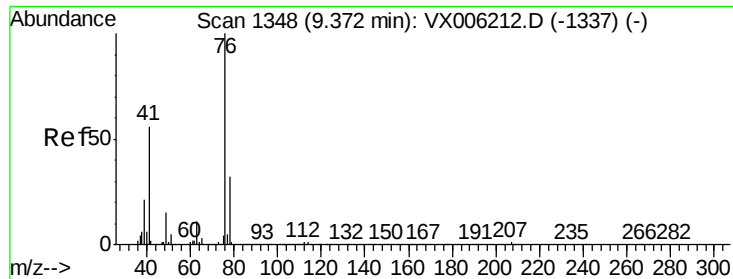
MMDadoda
 12/18/2018 9:45:01 AM



#56
 Ethyl methacrylate
 Concen: 47.165 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006584.D
 Acq: 17 Dec 2018 20:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		438006		
41	61.4	50.6	76.0		
39	34.2	27.6	41.4		





#57

1,3-Dichloropropane

Concen: 51.960 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

Tot Ion: 76 Resp: 488081

Ion Ratio Lower Upper

76 100

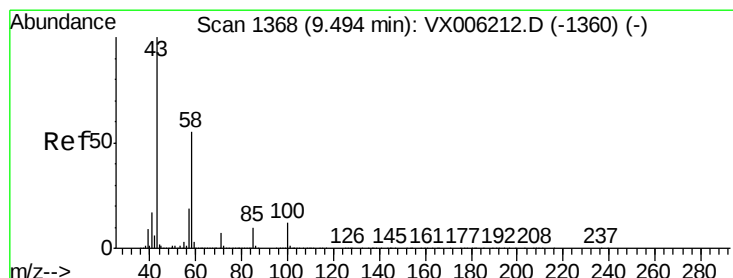
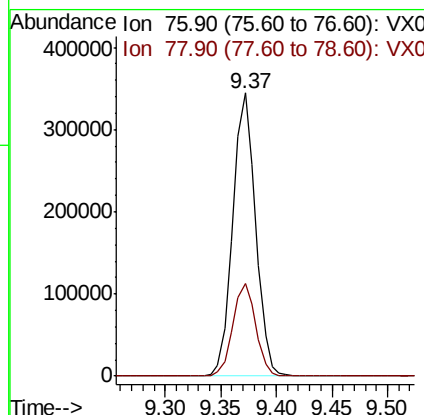
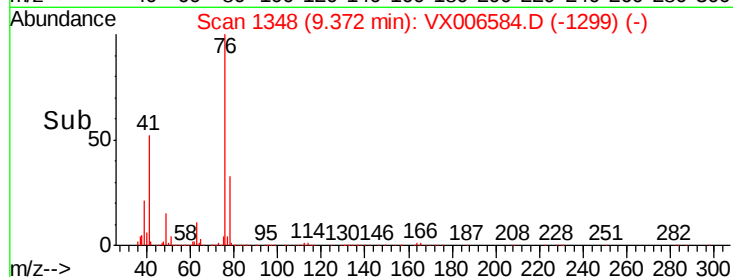
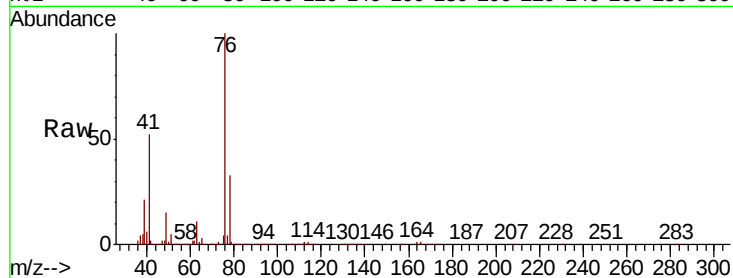
78 32.7 26.1 39.1

Manual Integrations

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#59

2-Hexanone

Concen: 247.314 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX006584.D

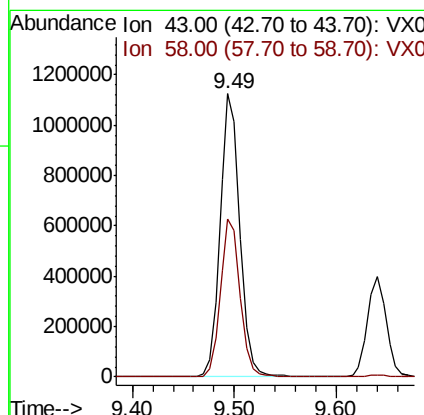
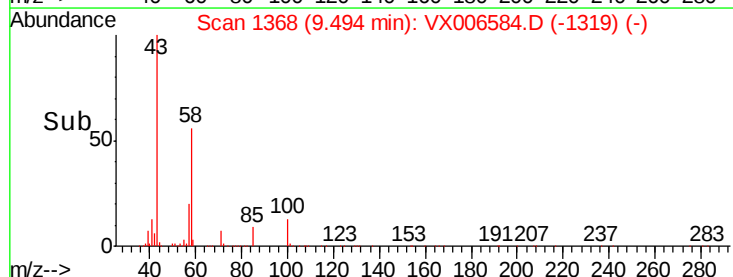
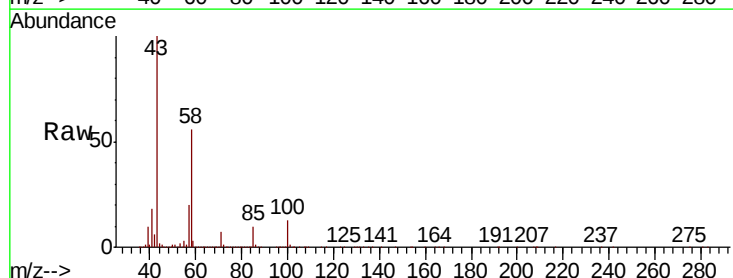
Acq: 17 Dec 2018 20:19

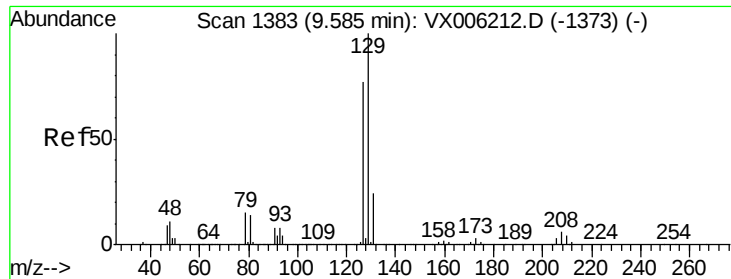
Tgt Ion: 43 Resp: 1524036

Ion Ratio Lower Upper

43 100

58 55.7 27.7 83.1





#60

Dibromochloromethane

Concen: 41.362 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

Tot Ion:129 Resp: 302977

Ion Ratio Lower Upper

129 100

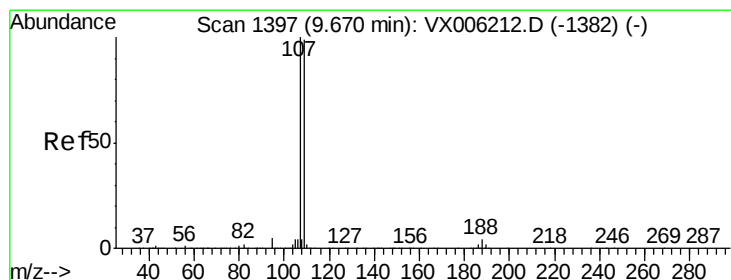
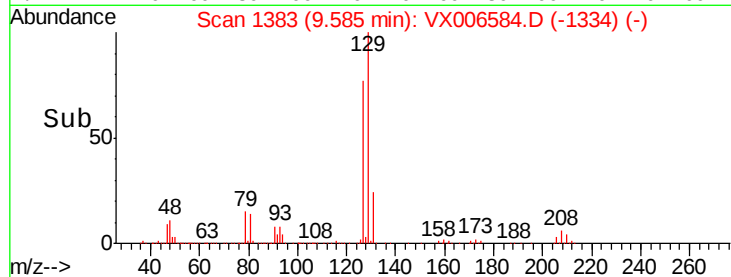
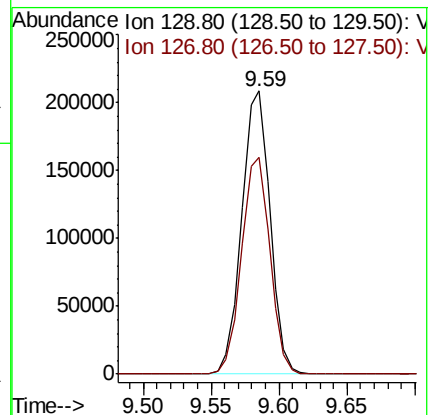
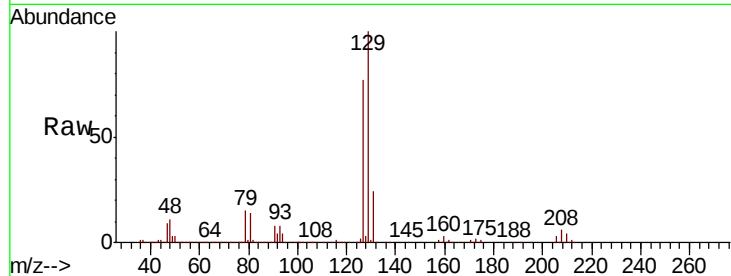
127 77.3 38.6 115.8

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 50.275 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006584.D

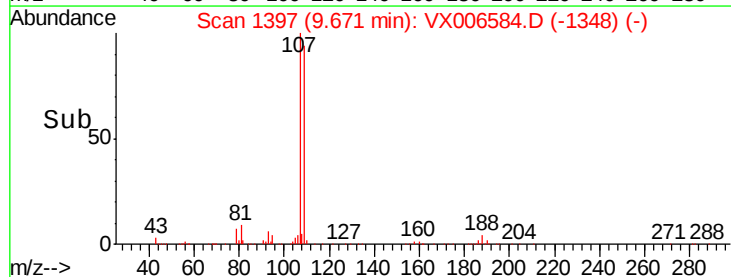
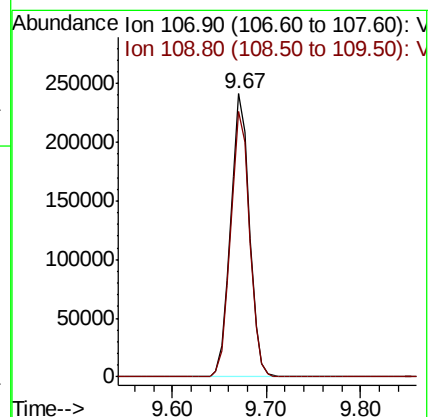
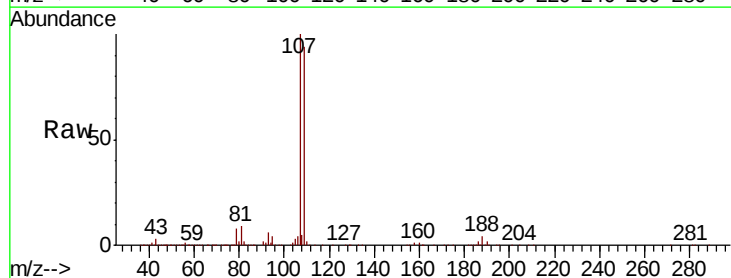
Acq: 17 Dec 2018 20:19

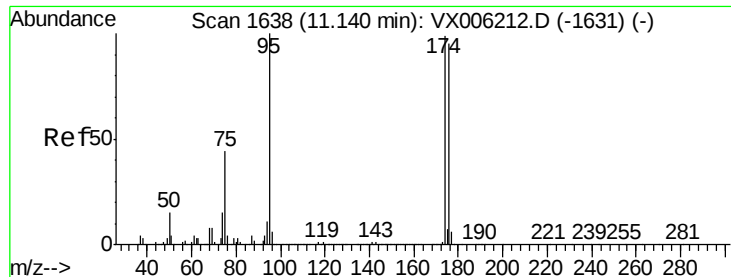
Tgt Ion:107 Resp: 333935

Ion Ratio Lower Upper

107 100

109 94.8 76.3 114.5





#62

4-Bromofluorobenzene

Concen: 46.667 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

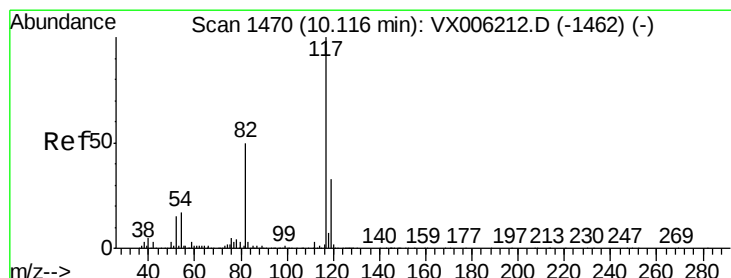
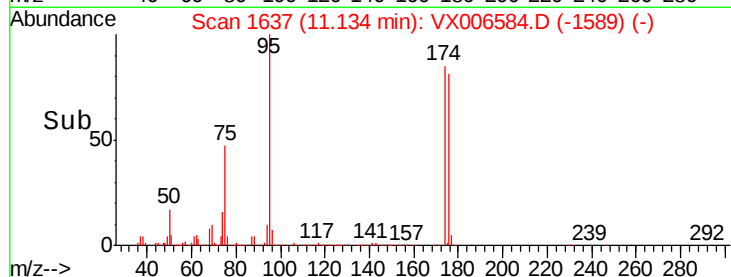
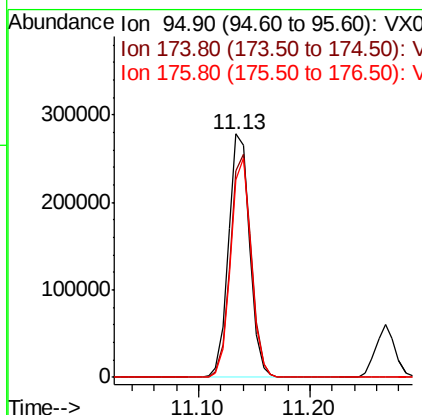
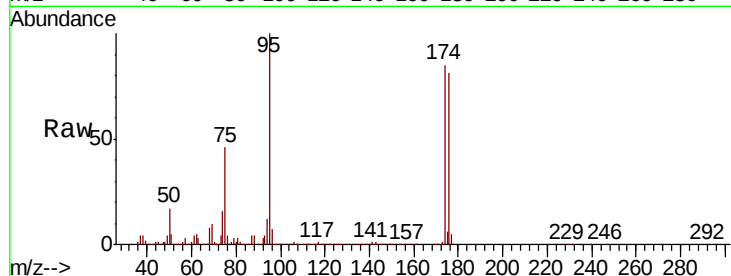
ClientSampleId :

RE105D1-20181210MSD

Tot Ion	95	Resp	364955
Ion Ratio	Lower	Upper	
95	100		
174	91.1	0.0	187.0
176	87.6	0.0	181.8

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

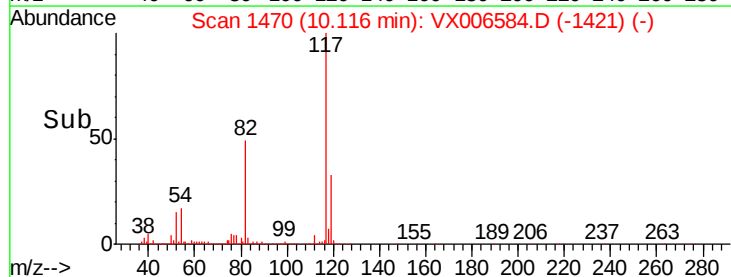
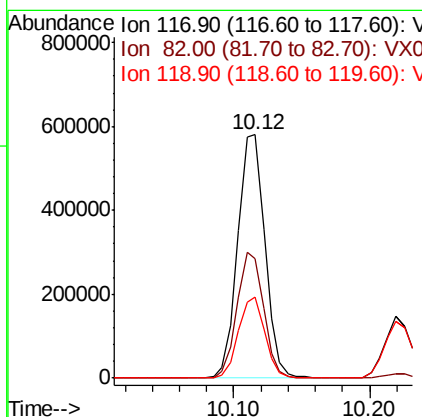
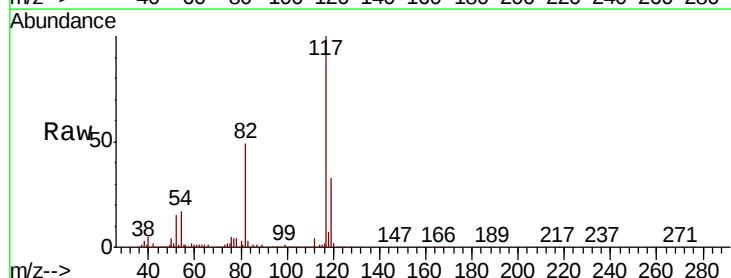
RT: 10.12 min Scan# 1470

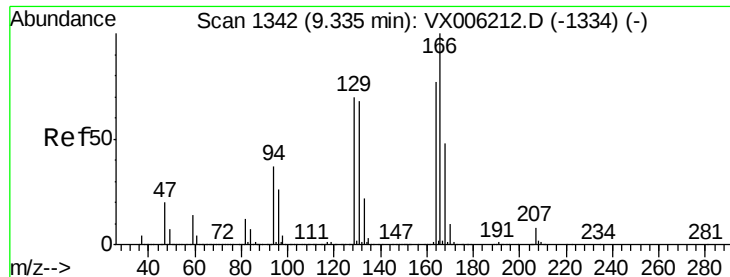
Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Tgt Ion	117	Resp	814685
Ion Ratio	Lower	Upper	
117	100		
82	49.1	39.6	59.4
119	33.3	26.3	39.5





#64

Tetrachloroethene

Concen: 50.503 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

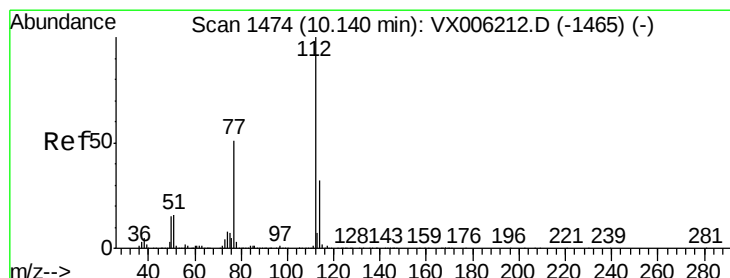
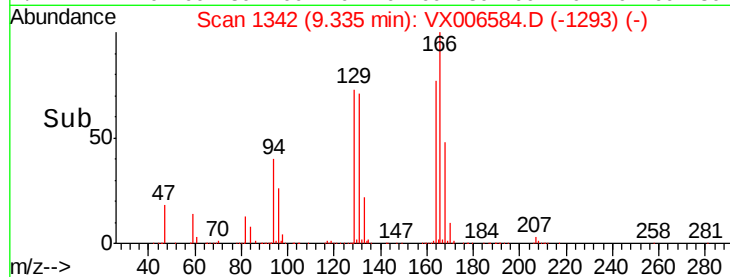
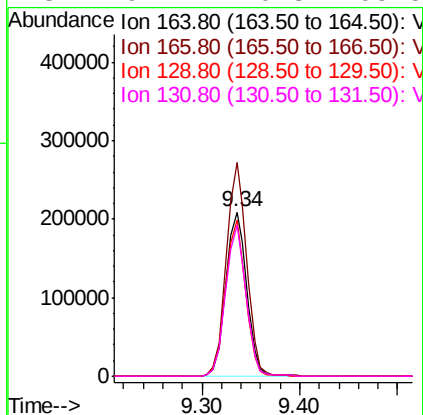
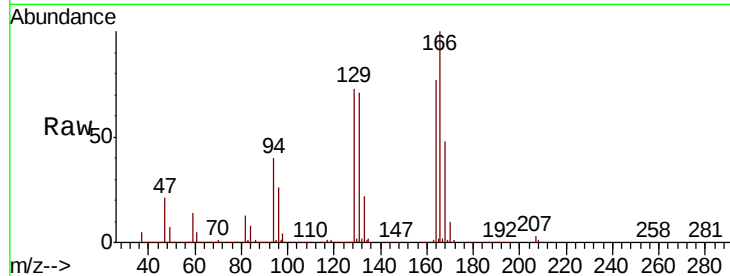
ClientSampleId :

RE105D1-20181210MSD

Tot Ion	164	166	129	131
Ratio	100	130.0	95.1	91.7
Lower		104.2	72.6	70.3
Upper		156.2	108.8	105.5

Manual Integrations
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#65

Chlorobenzene

Concen: 50.380 ug/l

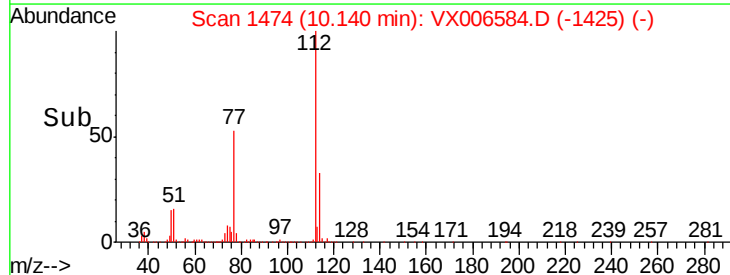
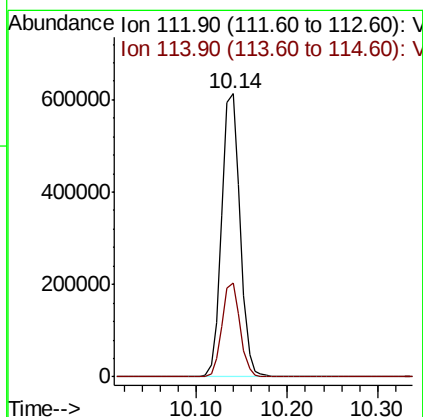
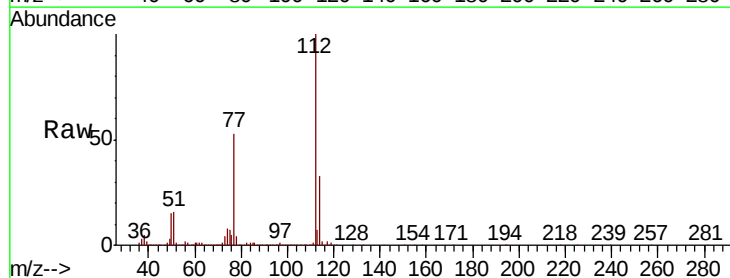
RT: 10.14 min Scan# 1474

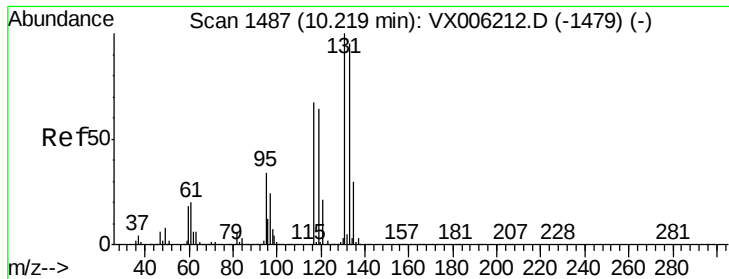
Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Tgt Ion	112	114
Ratio	100	33.1
Lower		25.4
Upper		38.2





#66

1,1,1,2-Tetrachloroethane

Concen: 43.550 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

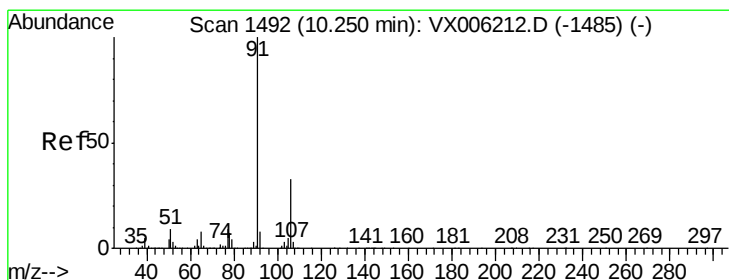
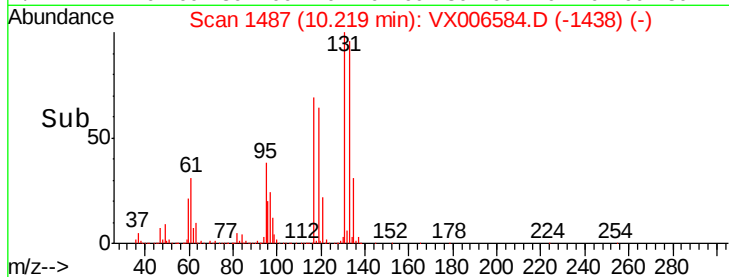
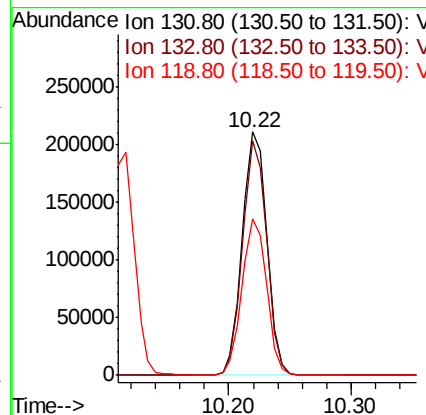
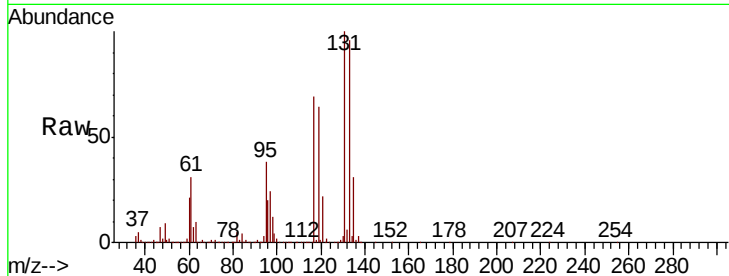
ClientSampleId :

RE105D1-20181210MSD

Tot Ion:	131	Resp:	292626
Ion Ratio	Lower	Upper	
131	100		
133	94.3	48.1	144.4
119	64.1	32.1	96.3

Manual Integrations
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#67

Ethyl Benzene

Concen: 49.834 ug/l

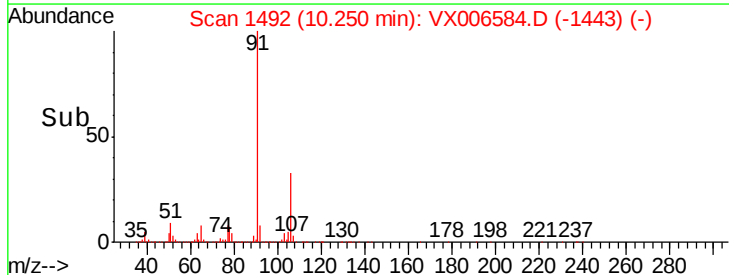
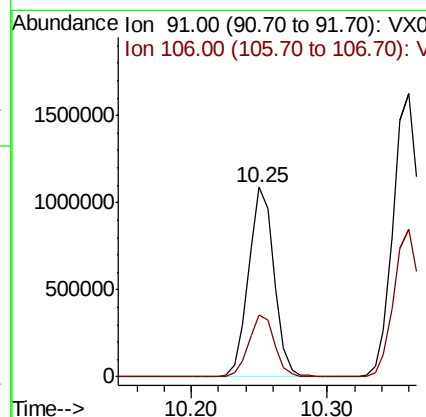
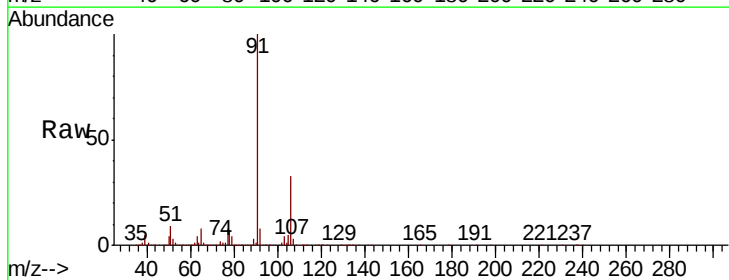
RT: 10.25 min Scan# 1492

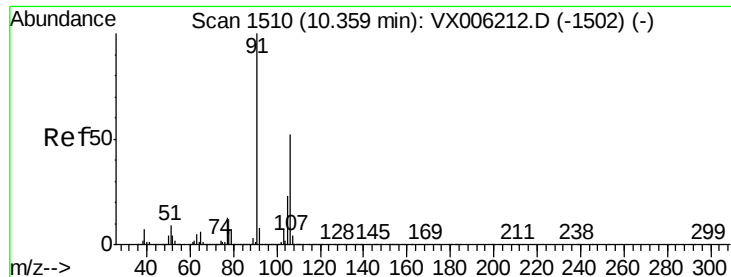
Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Tgt Ion:	91	Resp:	1433391
Ion Ratio	Lower	Upper	
91	100		
106	32.9	26.5	39.7





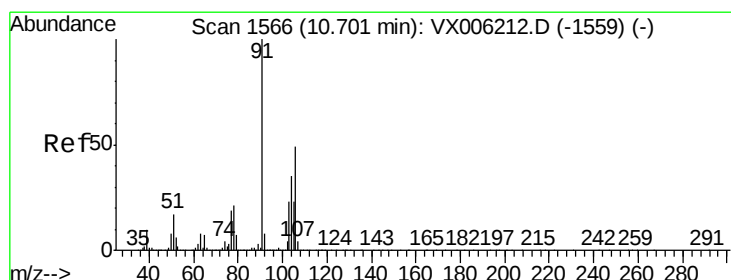
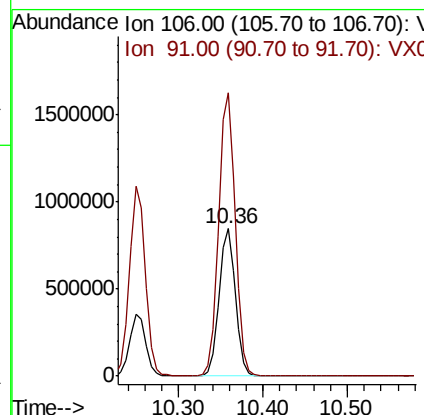
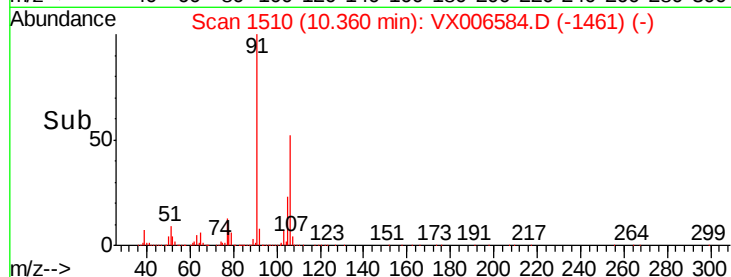
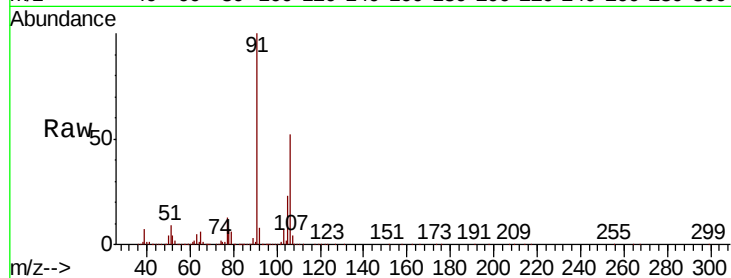
#68
m/p-Xylenes
Concen: 98.913 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

Tot Ion:106 Resp: 1139654
Ion Ratio Lower Upper
106 100
91 194.8 155.2 232.8

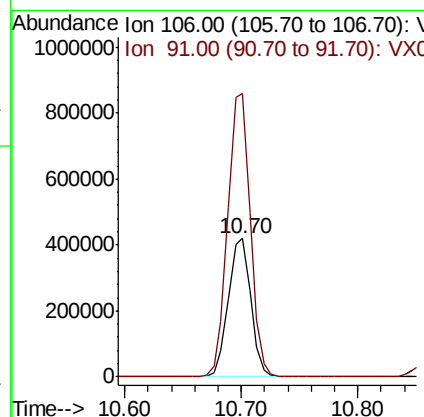
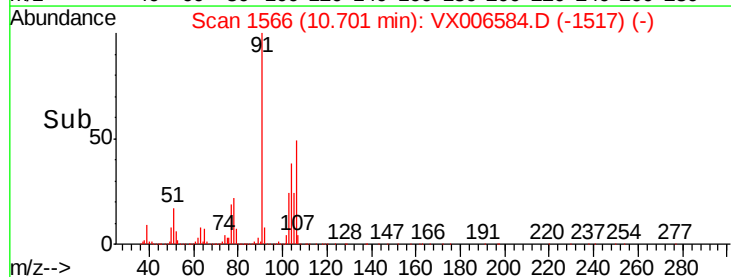
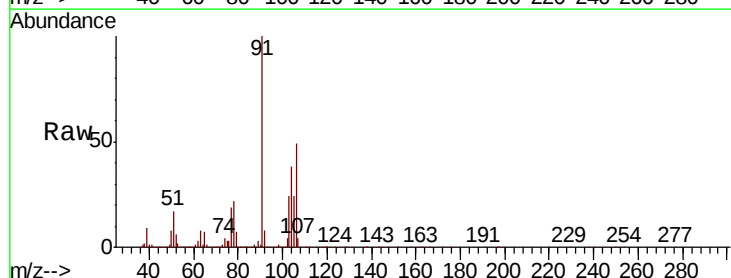
Manual Integrations
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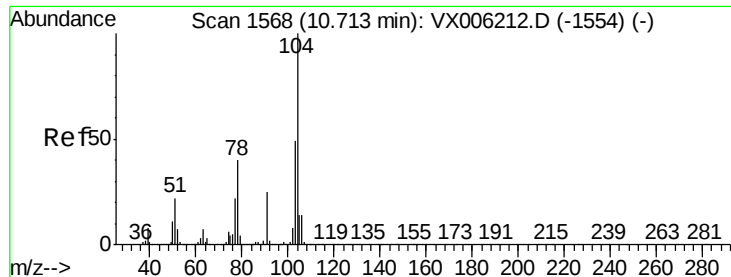
MMDadoda
12/18/2018 9:45:01 AM



#69
o-Xylene
Concen: 49.436 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion:106 Resp: 562618
Ion Ratio Lower Upper
106 100
91 205.0 101.8 305.6





#70

Stvrene

Concen: 49.093 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

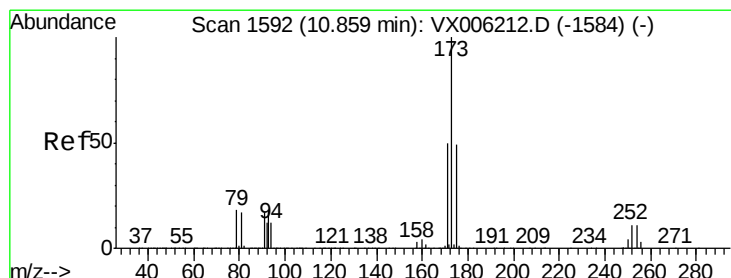
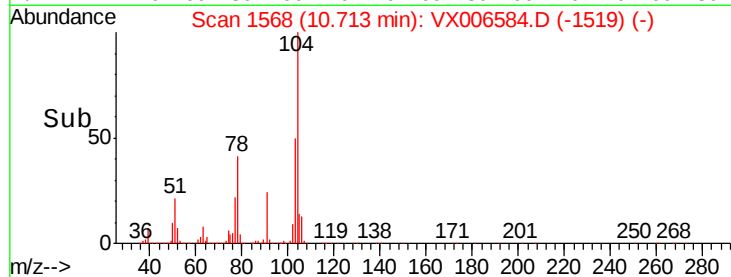
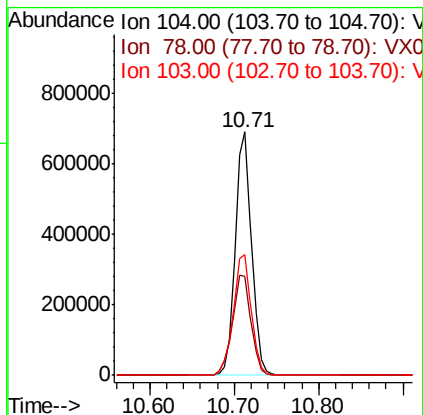
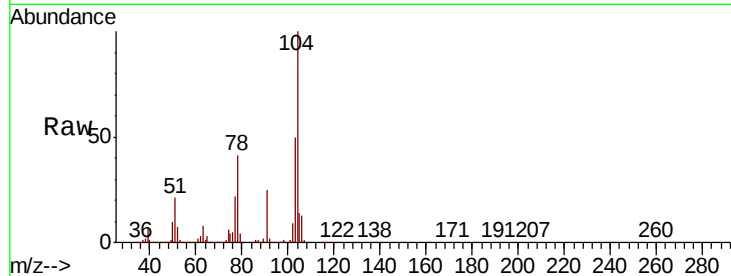
ClientSampleId :

RE105D1-20181210MSD

Tot Ion:	104	Resp:	903648
Ion Ratio	Lower	Upper	
104	100		
78	47.1	37.2	55.8
103	55.2	43.5	65.3

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#71

Bromoform

Concen: 34.609 ug/l

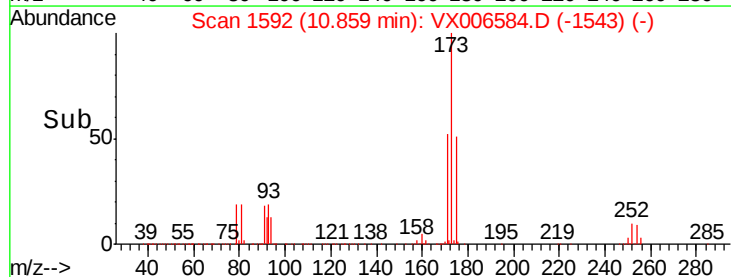
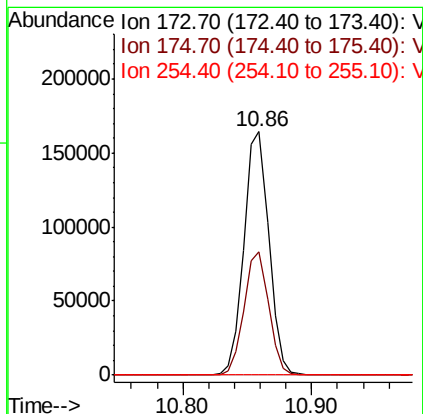
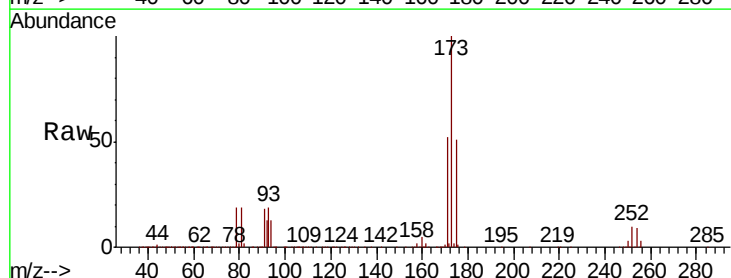
RT: 10.86 min Scan# 1592

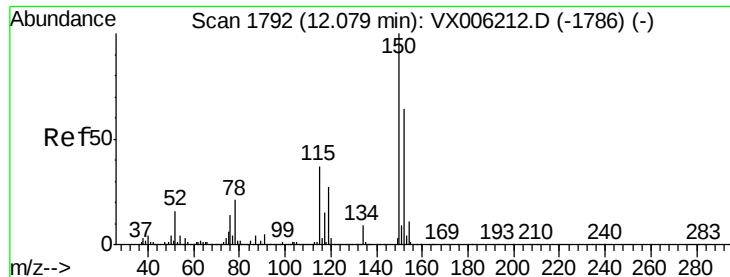
Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Tgt Ion:	173	Resp:	219519
Ion Ratio	Lower	Upper	
173	100		
175	50.1	24.6	73.8
254	0.2	0.2	0.2





#72

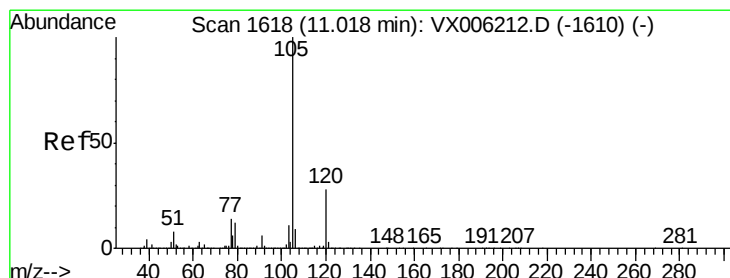
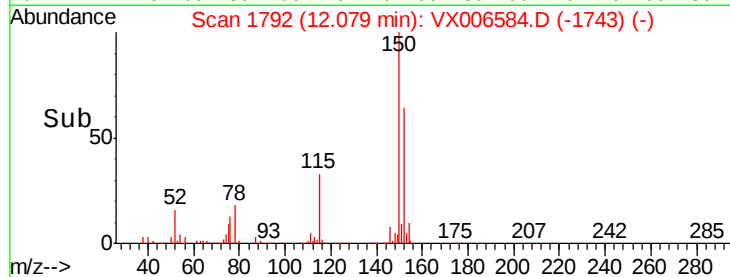
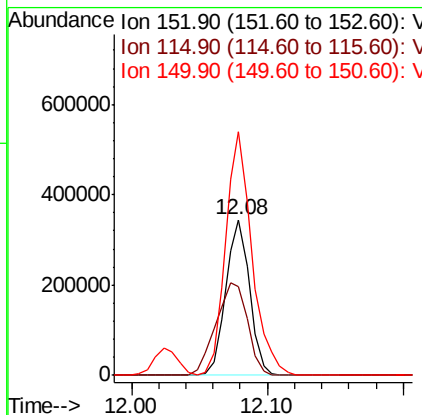
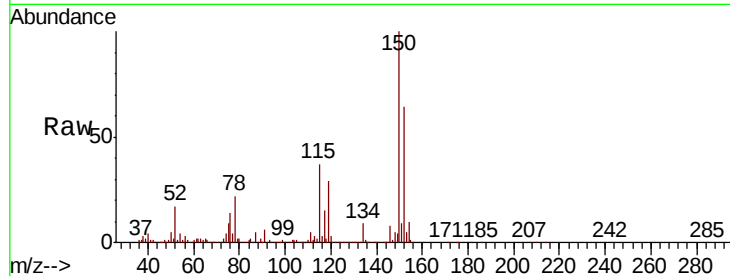
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	79.6	39.0	116.9
150	173.0	0.0	345.8

Manual Integrations
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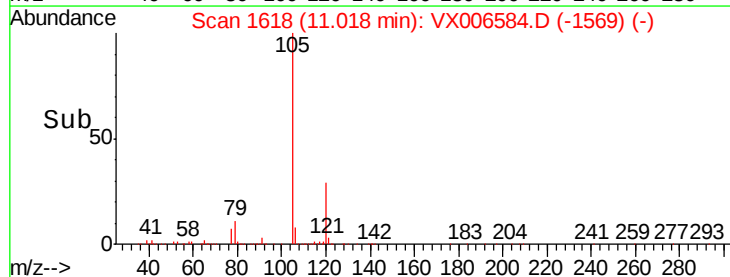
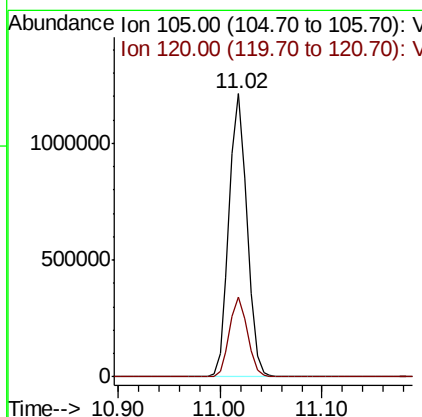
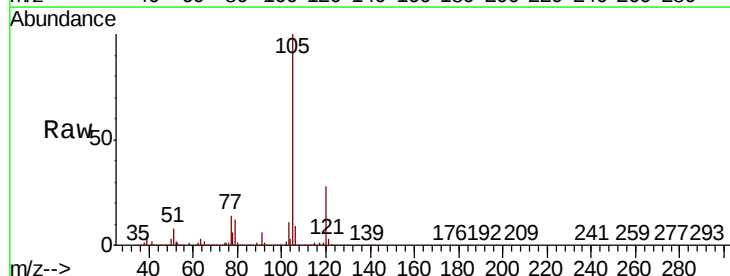
MMDadoda
12/18/2018 9:45:01 AM

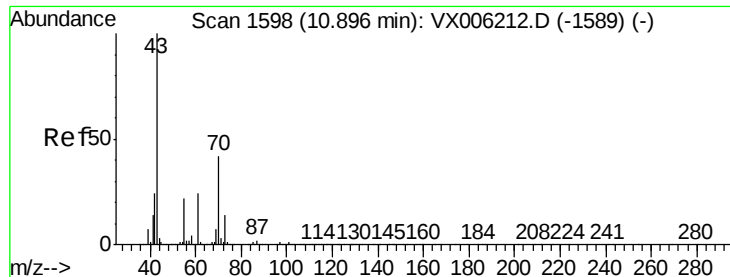


#73

Isopropylbenzene
Concen: 51.507 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.2	14.1	42.3





#74

N-amvl acetate

Concen: 39.886 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

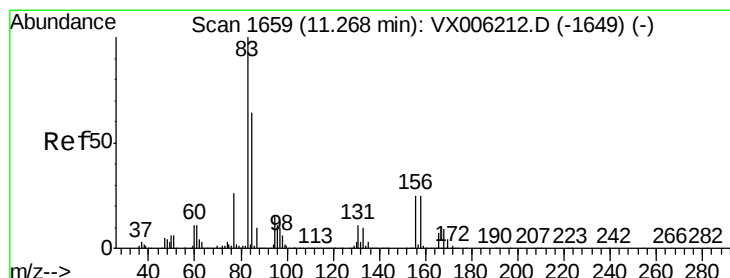
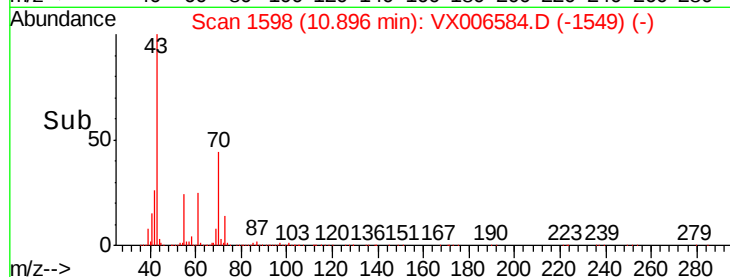
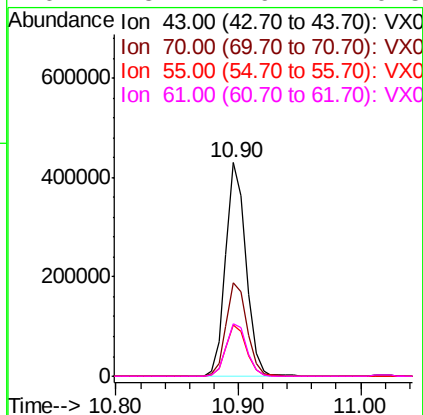
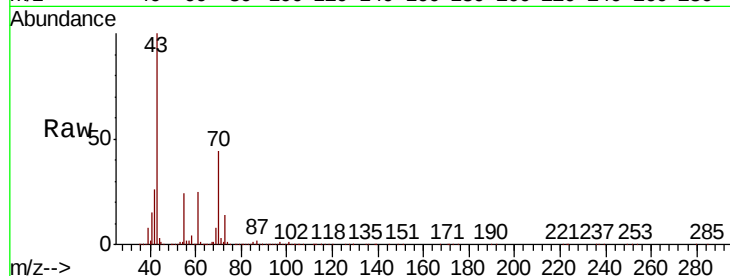
ClientSampleId :

RE105D1-20181210MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		493764		
70	45.0	34.1	51.1		
55	24.2	17.8	26.8		
61	25.1	19.7	29.5		

Manual Integrations
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MMDadoda
12/18/2018 9:45:01 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 49.501 ug/l

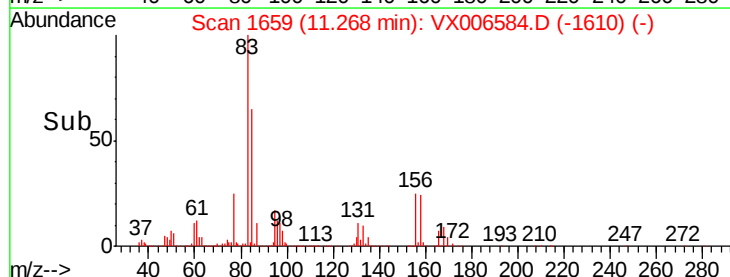
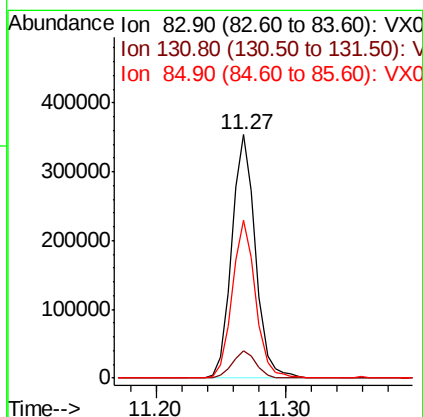
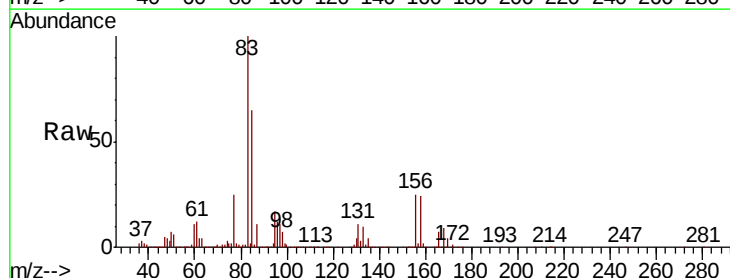
RT: 11.27 min Scan# 1659

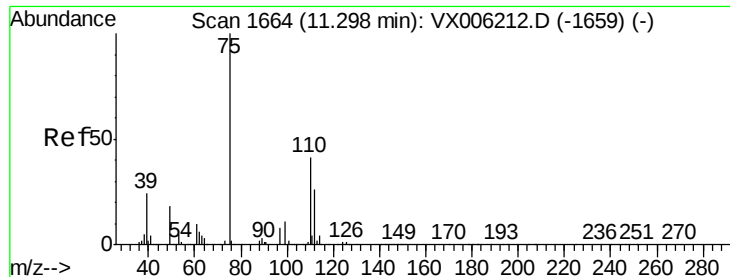
Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		455263		
131	11.5	5.7	17.1		
85	64.0	32.1	96.5		





#76

1,2,3-Trichloropropane

Concen: 51.886 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

Tot Ion: 75 Resp: 416897

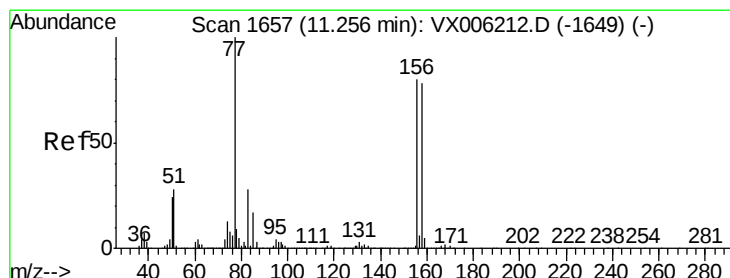
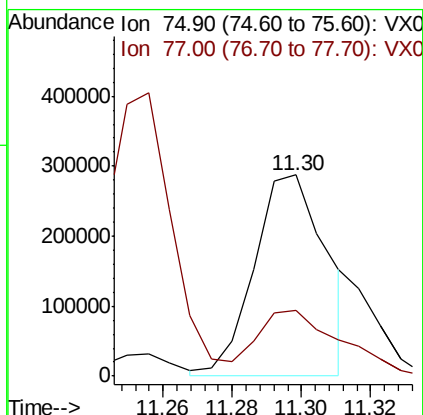
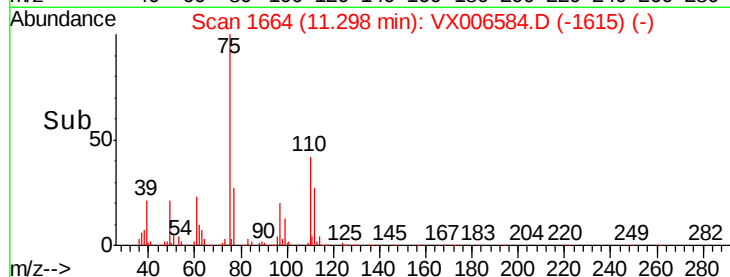
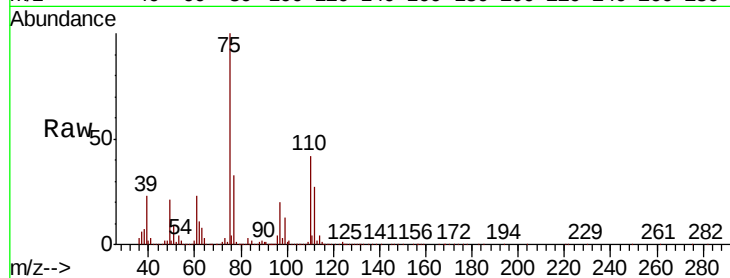
Ion Ratio Lower Upper

75 100

77 37.8 19.9 59.7

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#77

Bromobenzene

Concen: 50.299 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

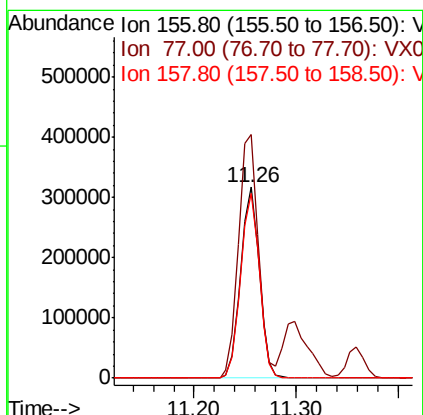
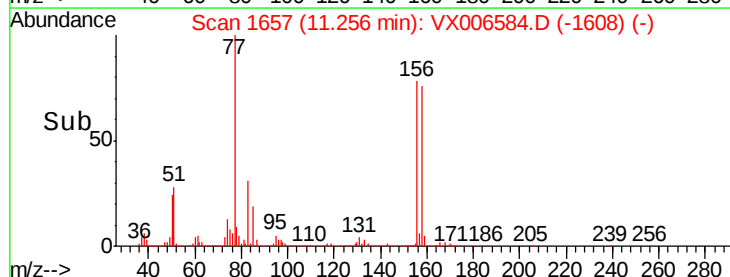
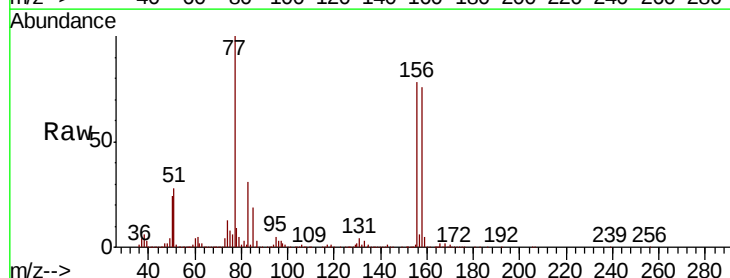
Tgt Ion: 156 Resp: 401287

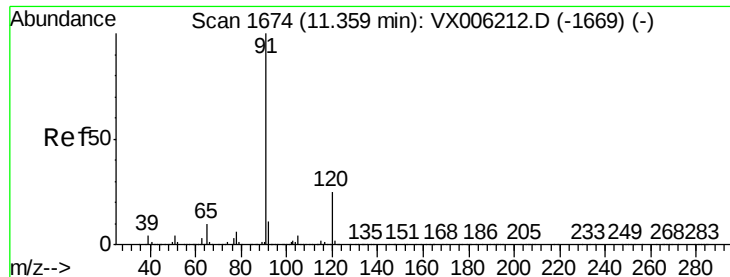
Ion Ratio Lower Upper

156 100

77 134.4 66.2 198.6

158 97.1 48.8 146.4





#78

n-propylbenzene

Concen: 51.112 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

Tot Ion: 91 Resp: 1633319

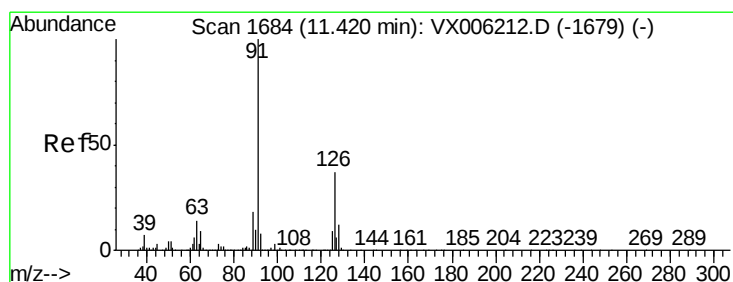
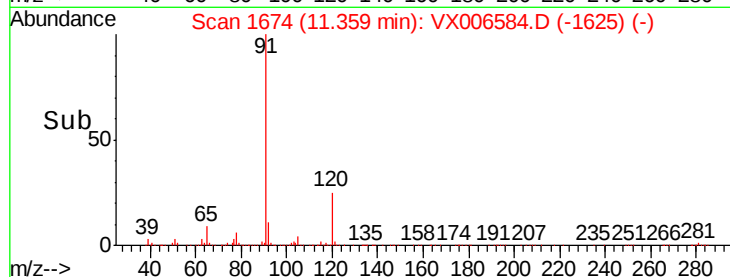
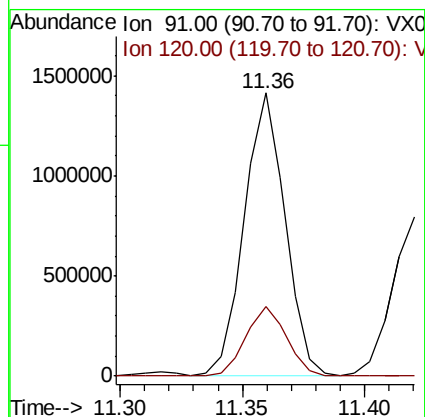
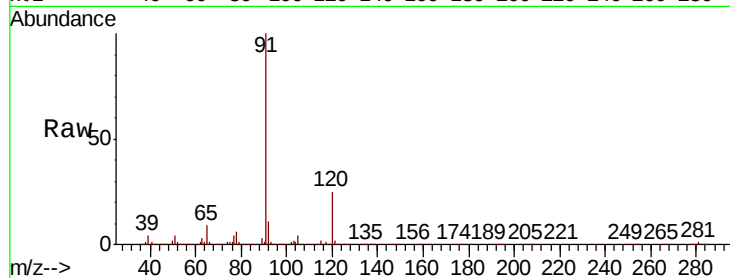
Ion Ratio Lower Upper

91 100

120 24.8 12.7 38.0

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#79

2-Chlorotoluene

Concen: 50.970 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006584.D

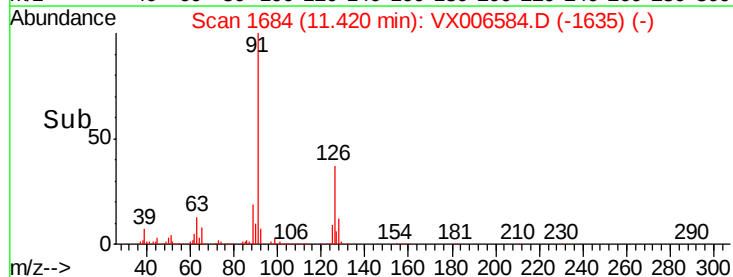
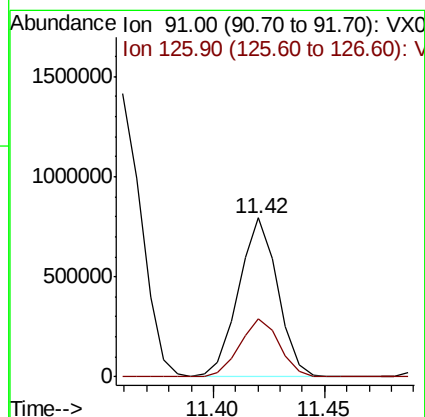
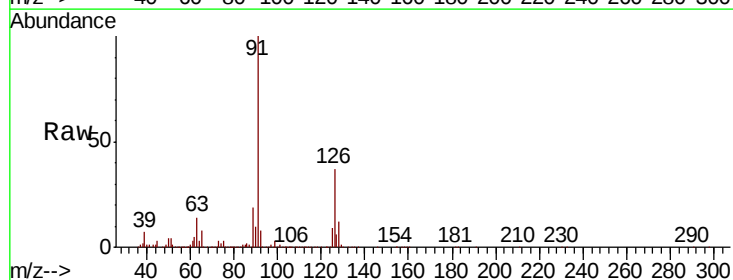
Acq: 17 Dec 2018 20:19

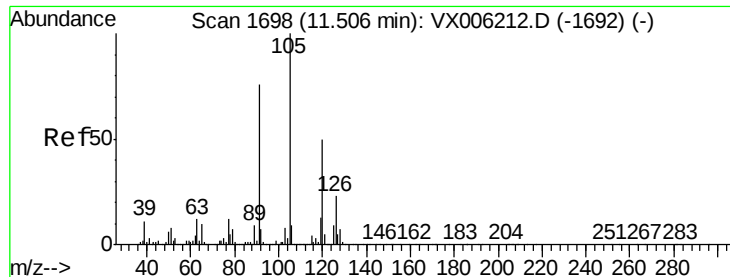
Tgt Ion: 91 Resp: 968083

Ion Ratio Lower Upper

91 100

126 37.0 18.6 56.0





#80

1,3,5-Trimethylbenzene

Concen: 50.964 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

Tot Ion:105 Resp: 1218992

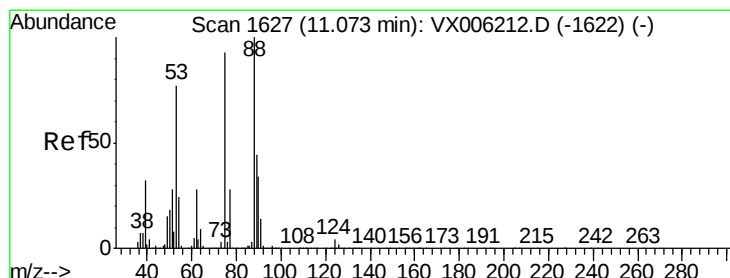
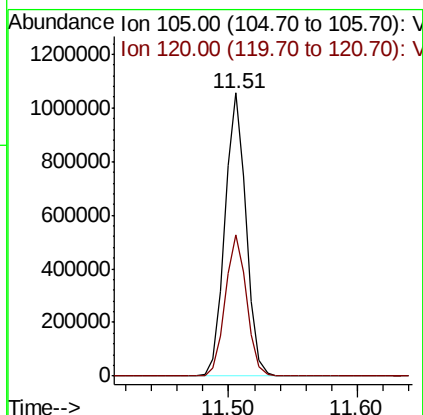
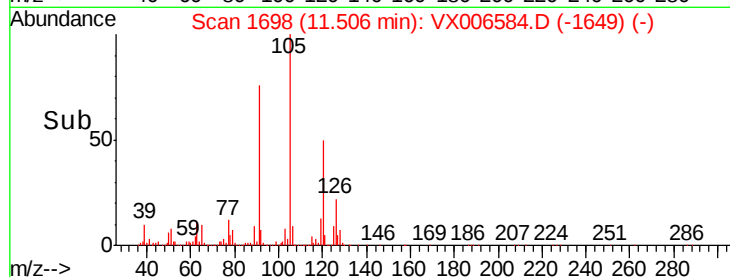
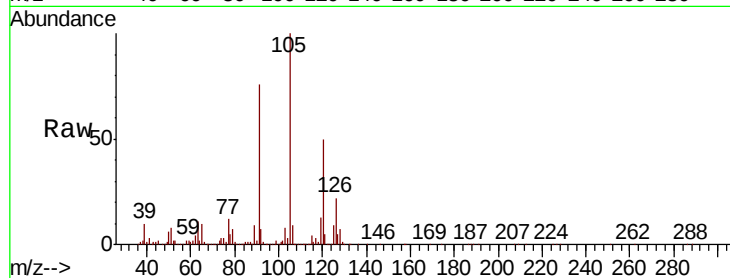
Ion Ratio Lower Upper

105 100

120 50.2 25.4 76.0

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#81

trans-1,4-Dichloro-2-butene

Concen: 31.910 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

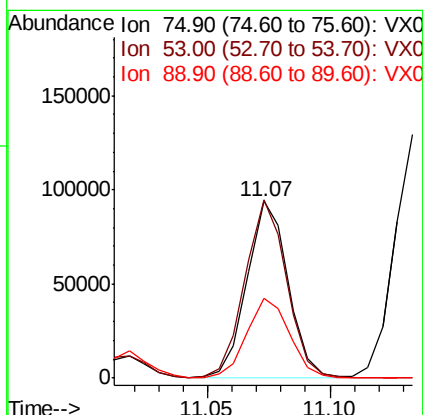
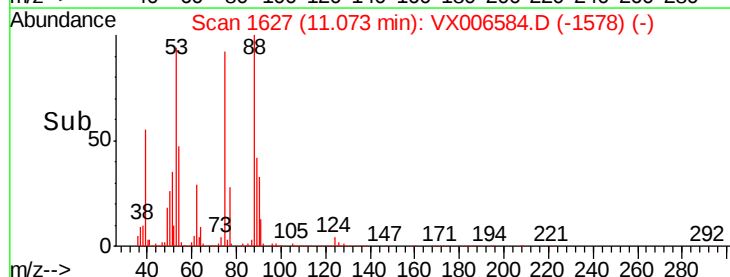
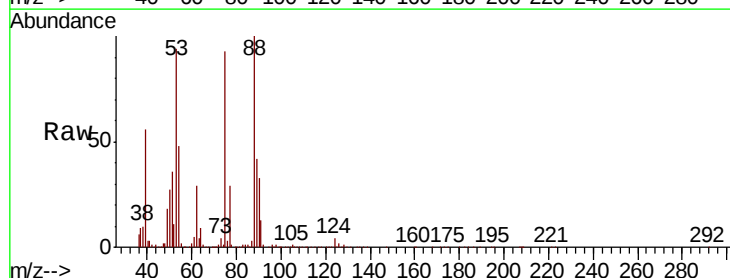
Tgt Ion: 75 Resp: 109254

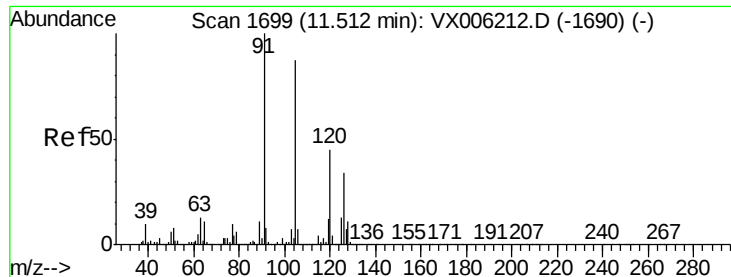
Ion Ratio Lower Upper

75 100

53 102.1 64.4 96.6#

89 47.9 44.2 66.4





#82

4-Chlorotoluene

Concen: 50.615 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

Tot Ion: 91 Resp: 1117722

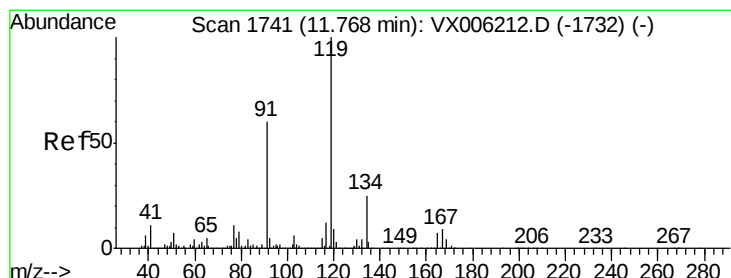
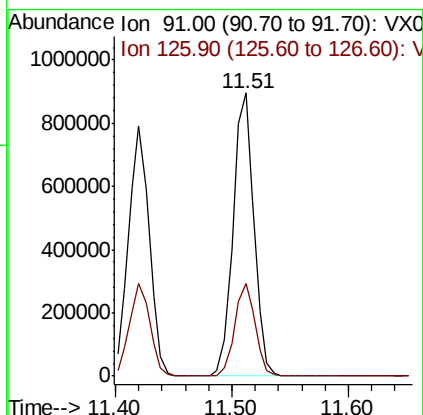
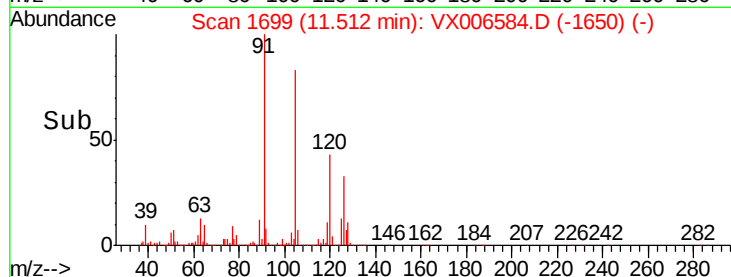
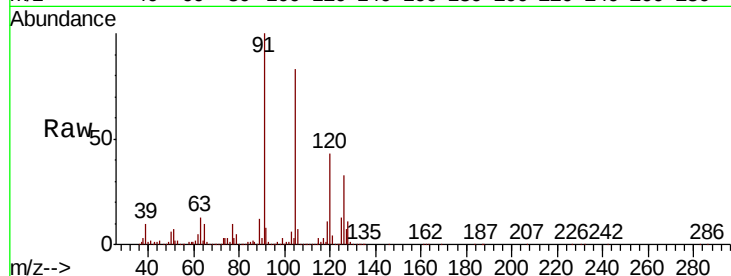
Ion Ratio Lower Upper

91 100

126 32.2 16.4 49.4

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#83

tert-Butylbenzene

Concen: 49.407 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

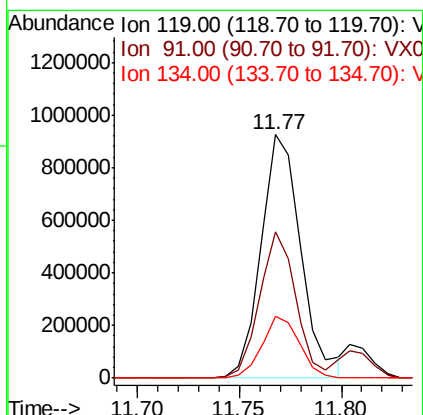
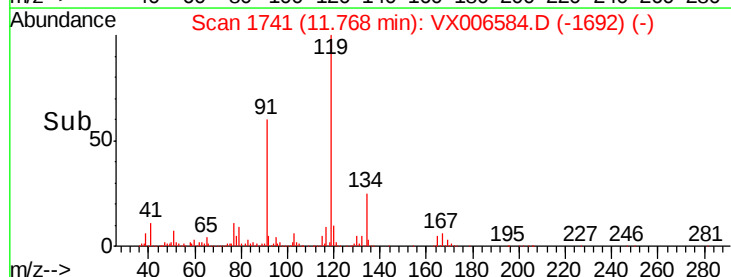
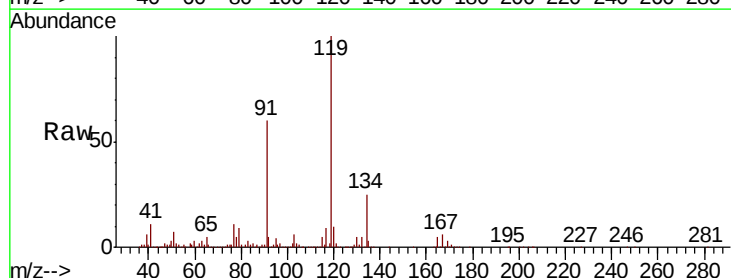
Tgt Ion: 119 Resp: 1260880

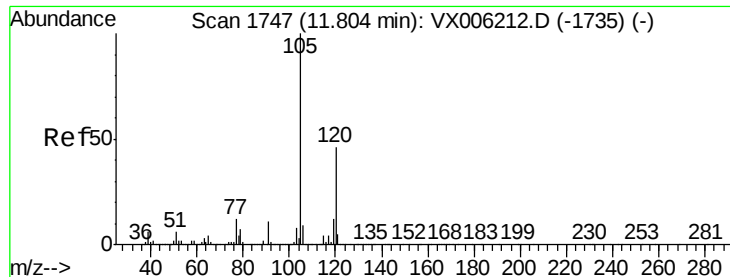
Ion Ratio Lower Upper

119 100

91 54.7 26.4 79.2

134 24.0 11.6 34.7





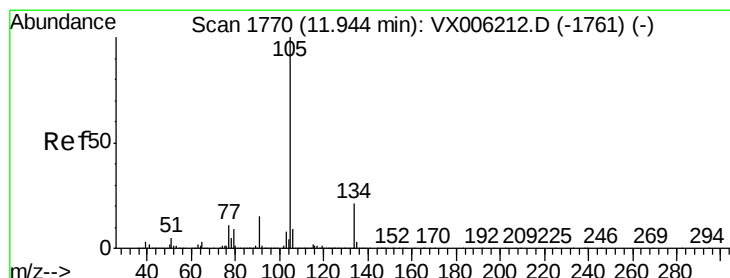
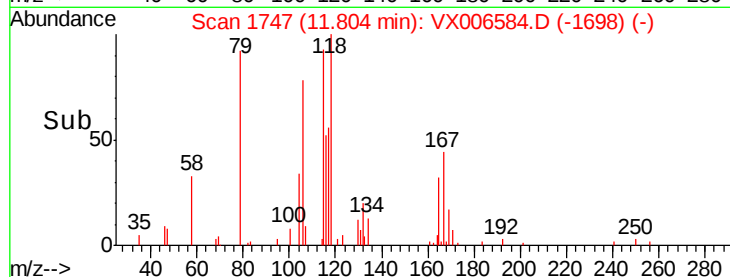
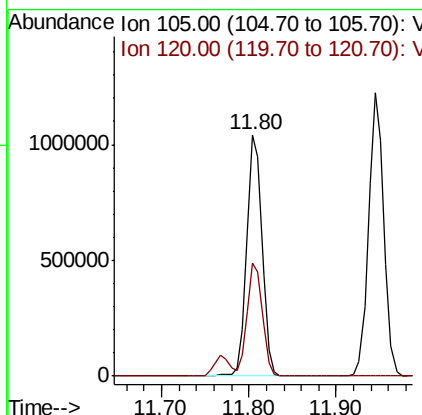
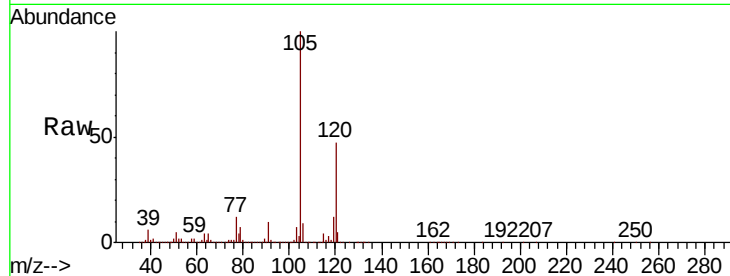
#84
1,2,4-Trimethylbenzene
Concen: 51.143 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

Tot Ion:105 Resp: 1263157
Ion Ratio Lower Upper
105 100
120 46.3 23.4 70.0

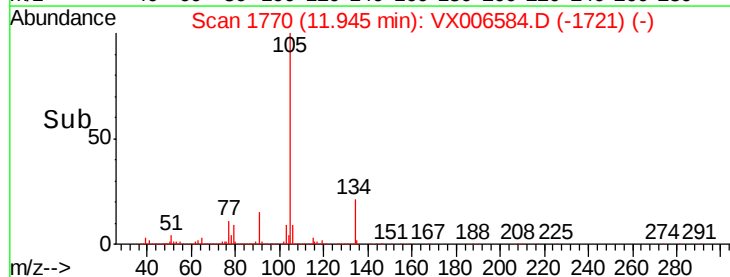
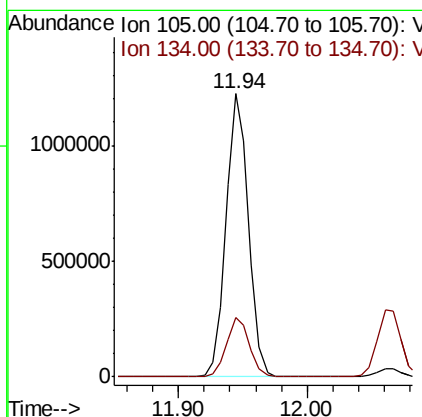
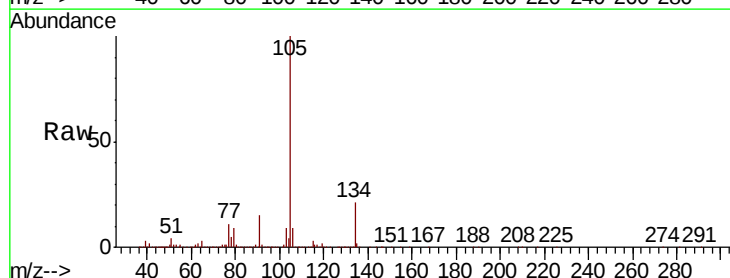
Manual Integrations
APPROVED

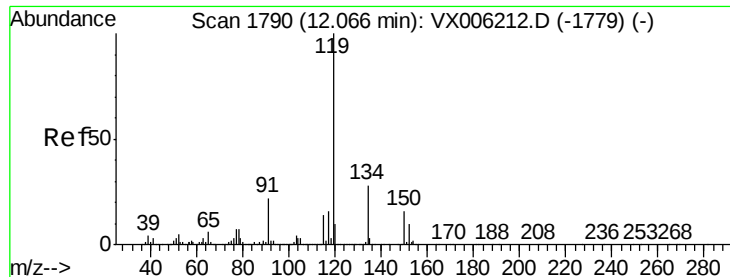
MMDadoda
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#85
sec-Butylbenzene
Concen: 51.424 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion:105 Resp: 1492991
Ion Ratio Lower Upper
105 100
134 21.4 10.8 32.4





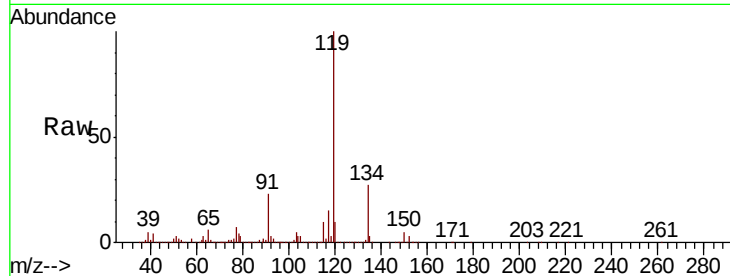
#86
p-Isopropyltoluene
Concen: 50.752 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.01 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.9	41.6
91	22.5	11.3	33.8

Manual Integrations
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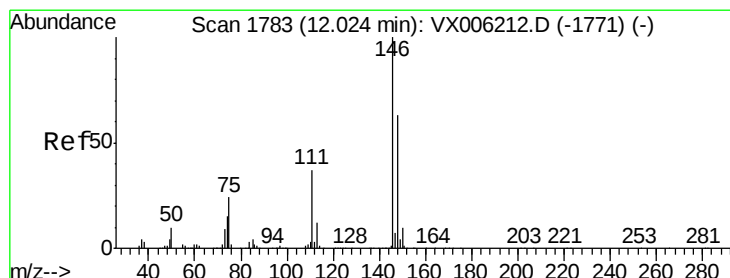
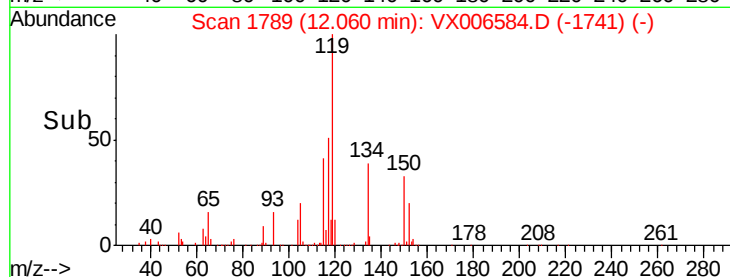
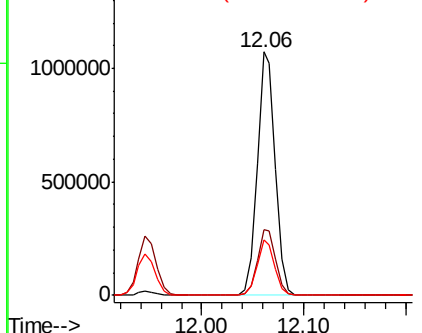


Abundance

Ion 119.00 (118.70 to 119.70): V

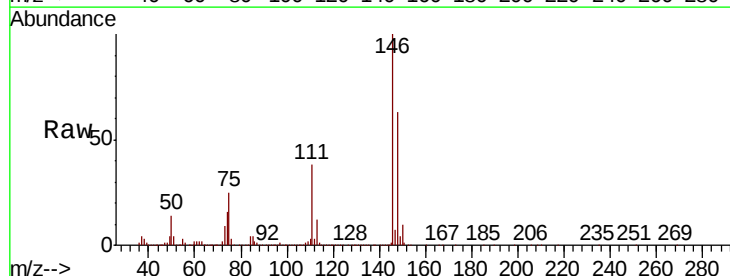
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87
1,3-Dichlorobenzene
Concen: 50.393 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.4	55.2
148	62.7	32.0	96.0

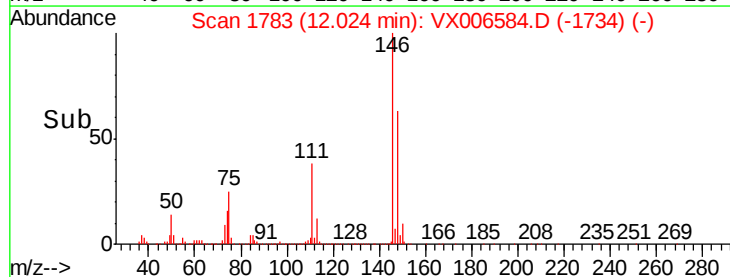
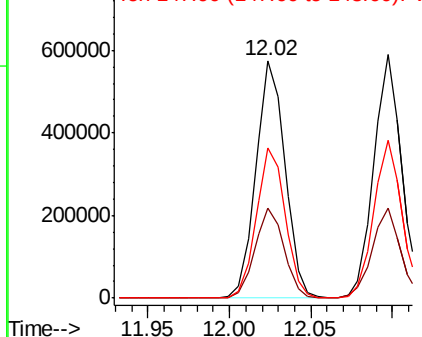


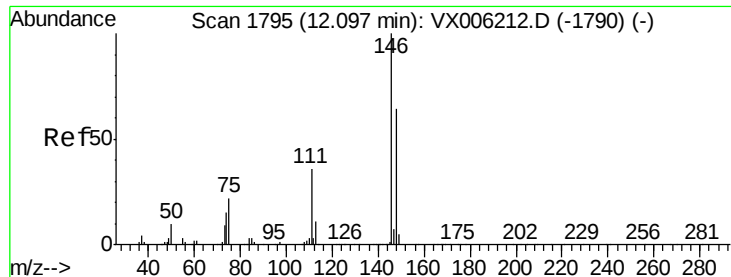
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





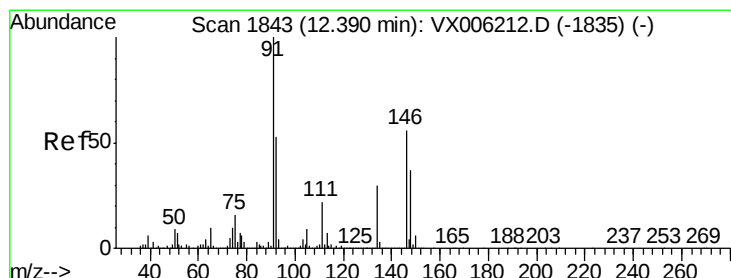
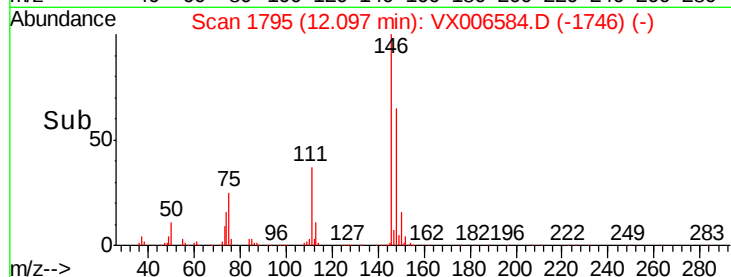
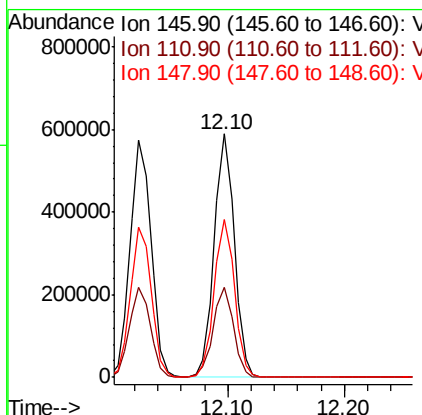
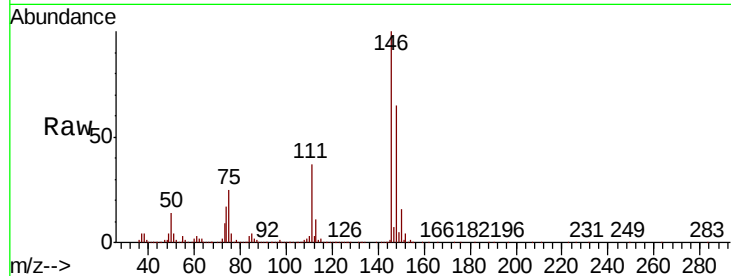
#88
 1,4-Dichlorobenzene
 Concen: 48.613 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006584.D
 Acq: 17 Dec 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20181210MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.3	54.8
148	65.5	31.9	95.9

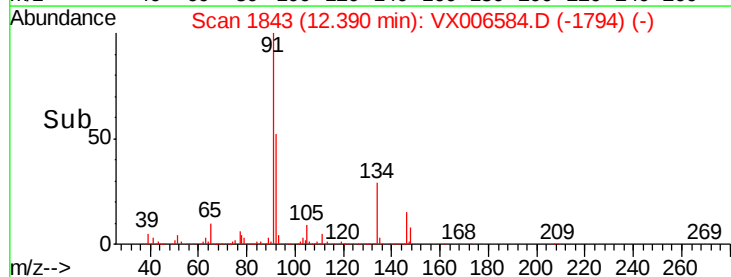
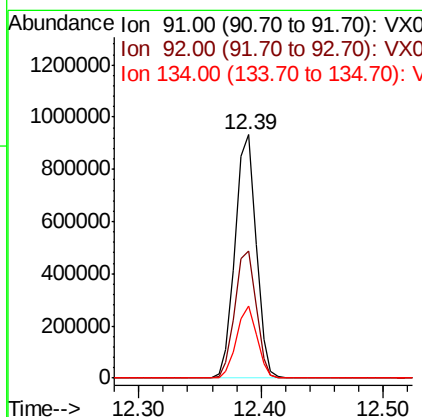
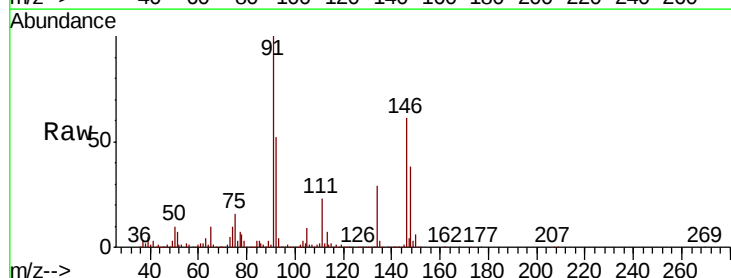
Manual Integrations
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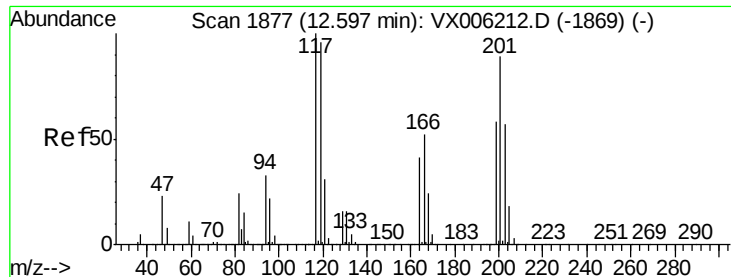
MMDadoda
 12/18/2018 9:45:01 AM



#89
 n-Butylbenzene
 Concen: 49.467 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006584.D
 Acq: 17 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.6	79.8
134	28.5	14.8	44.3





#90

Hexachloroethane

Concen: 35.060 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

Tot Ion:117 Resp: 186808

Ion Ratio Lower Upper

117 100

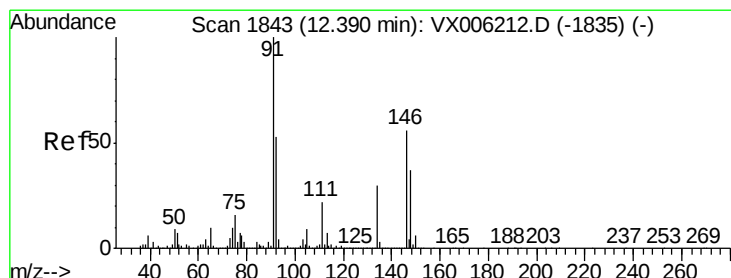
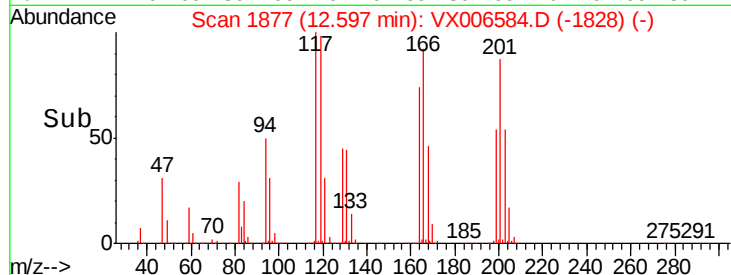
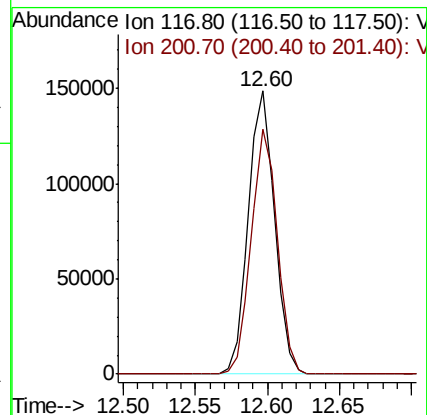
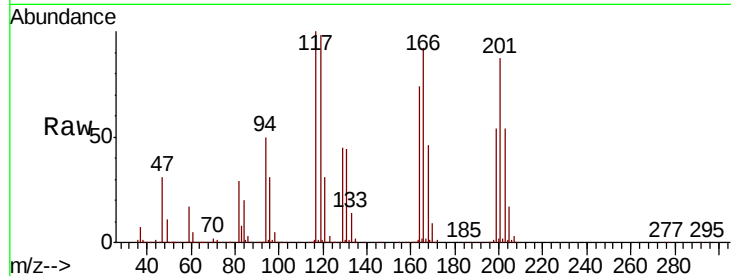
201 86.3 44.7 134.1

Manual Integrations

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12/18/2018 9:45:01 AM



#91

1,2-Dichlorobenzene

Concen: 49.578 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

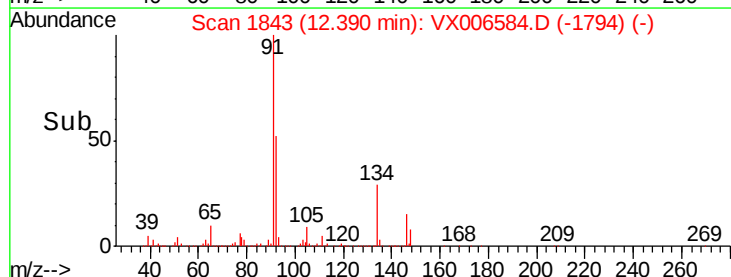
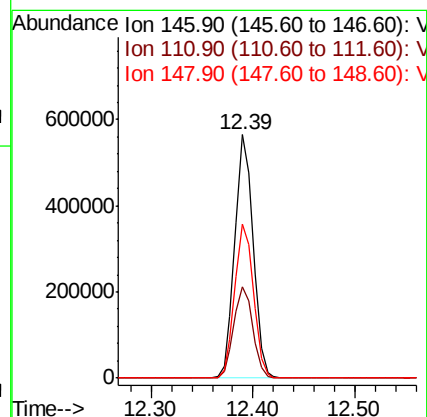
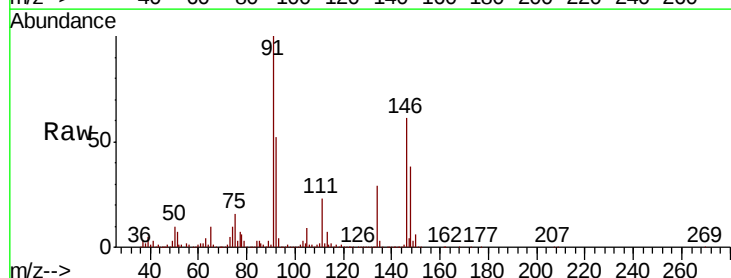
Tgt Ion:146 Resp: 698497

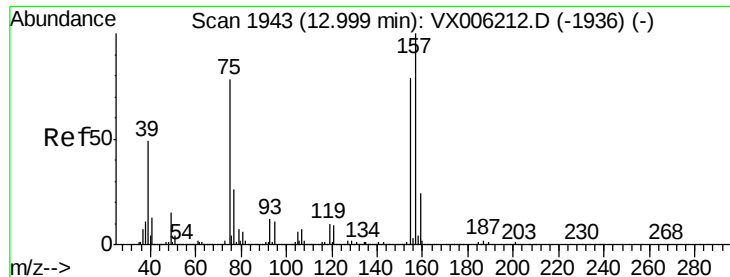
Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.3

148 65.0 32.1 96.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 39.987 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

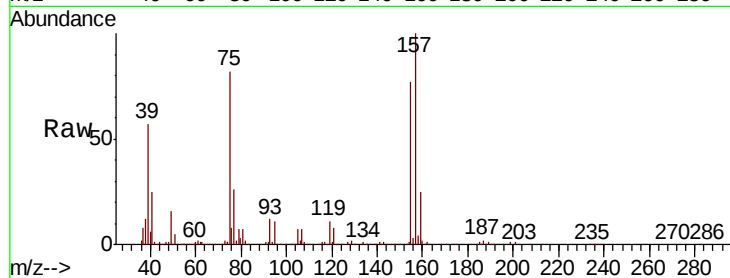
ClientSampleId :

RE105D1-20181210MSD

Tot Ion:	75	Resp:	94273
Ion Ratio	Lower	Upper	
75	100		
155	101.2	53.4	160.3
157	130.4	68.0	203.8

Manual Integrations
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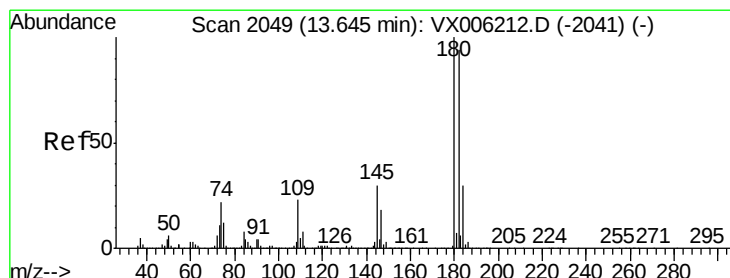
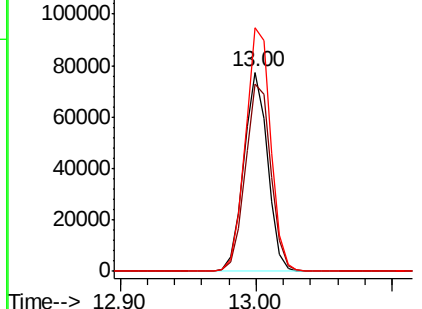
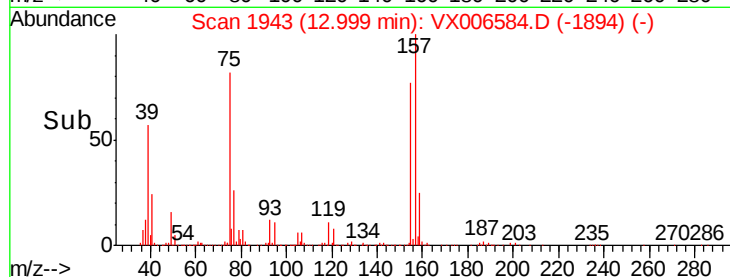
MMDadoda
12/18/2018 9:45:01 AM



Abundance Ion 74.90 (74.60 to 75.60): VX006584.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX006584.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX006584.D (-1894) (-)



#93

1,2,4-Trichlorobenzene

Concen: 47.226 ug/l

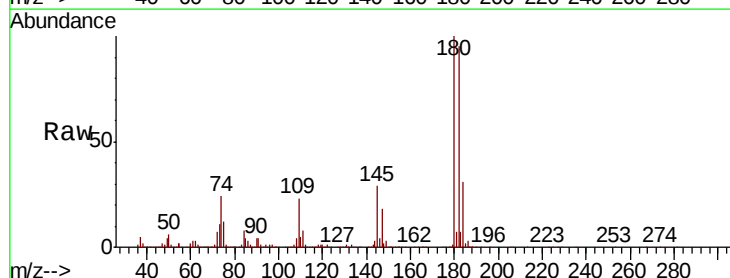
RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

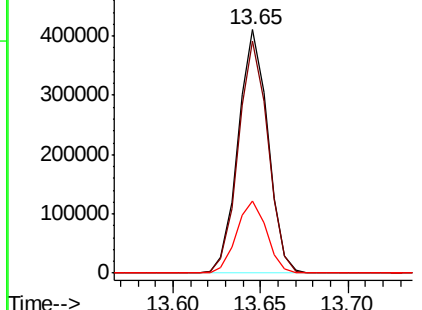
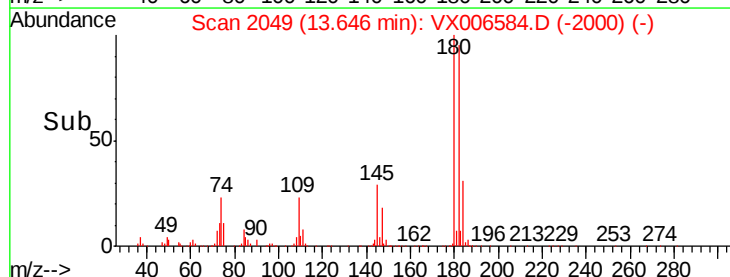
Tgt Ion:	180	Resp:	485421
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.3	141.9
145	30.1	14.6	43.8

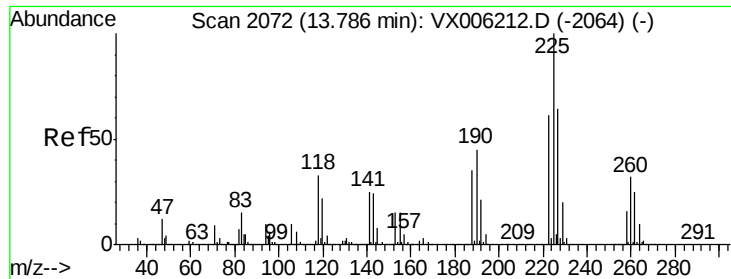


Abundance Ion 179.80 (179.50 to 180.50): VX006584.D (-2000) (-)

Ion 181.80 (181.50 to 182.50): VX006584.D (-2000) (-)

Ion 144.80 (144.50 to 145.50): VX006584.D (-2000) (-)





#94

Hexachlorobutadiene

Concen: 46.840 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

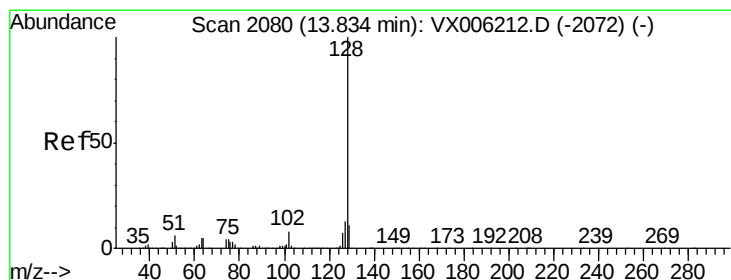
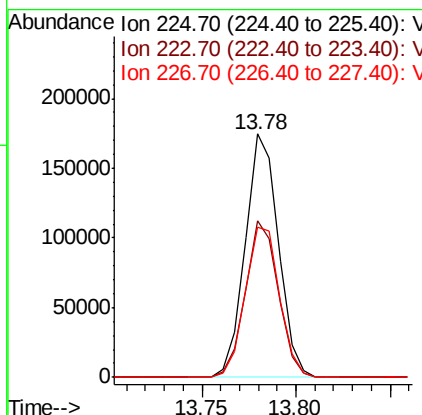
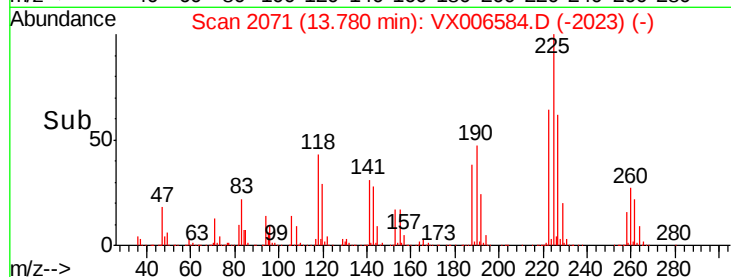
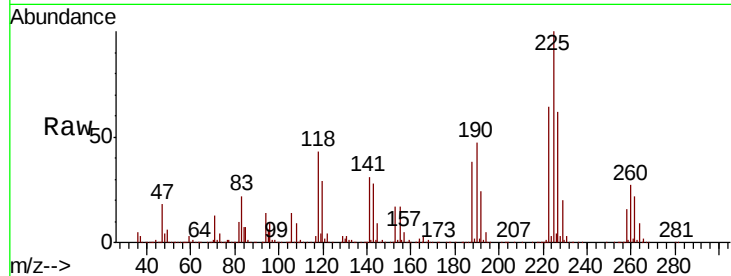
ClientSampleId :

RE105D1-20181210MSD

Tot Ion:	225	Resp:	212915
Ion Ratio	Lower	Upper	
225	100		
223	63.8	31.2	93.6
227	64.0	31.9	95.5

Manual Integrations
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#95

Naphthalene

Concen: 50.129 ug/l

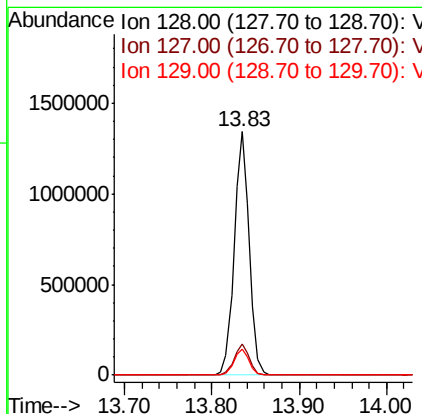
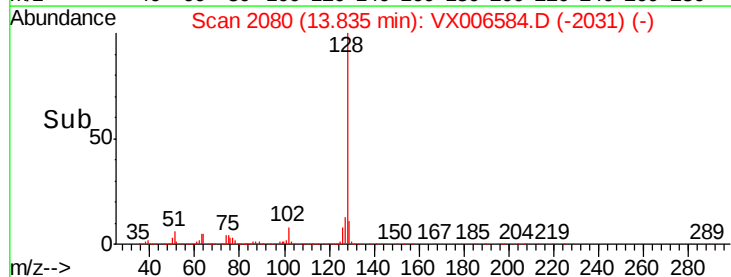
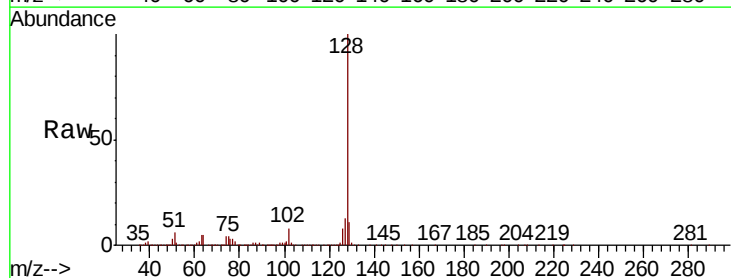
RT: 13.83 min Scan# 2080

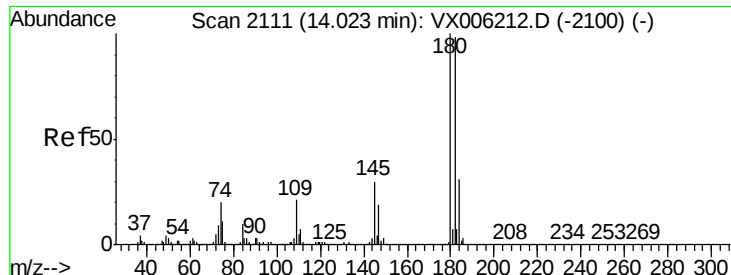
Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Tgt Ion:	128	Resp:	1602763
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.8	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 48.982 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: VX006584.D
 Acq: 17 Dec 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20181210MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	498667		
182	94.1		48.4	145.2
145	31.1		15.6	46.8

Manual Integrations
 APPROVED

MMDadoda
 12/18/2018 9:45:01 AM

