

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006457.D
 Acq On : 12 Dec 2018 20:39
 Operator : JC/MD
 Sample : J6358-11MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MS

Manual Integrations
 APPROVED

MMDadoda
 12/13/2018 11:05:11 AM

Quant Time: Dec 13 10:02:43 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	552161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	864939	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	796864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	404825	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	300425	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
35) Dibromofluoromethane	5.50	113	283205	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
50) Toluene-d8	8.71	98	1033100	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.14	95	389242	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	277118	51.257	ug/l	100
3) Chloromethane	1.33	50	284019	51.121	ug/l	97
4) Vinyl Chloride	1.41	62	315404	52.748	ug/l	97
5) Bromomethane	1.64	94	284808	68.728	ug/l	97
6) Chloroethane	1.71	64	197028	53.741	ug/l	97
7) Trichlorofluoromethane	1.93	101	498748	54.338	ug/l	100
8) Diethyl Ether	2.19	74	192205	55.330	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	285880	54.775	ug/l	98
10) Methyl Iodide	2.51	142	466417	59.299	ug/l	98
11) Tert butyl alcohol	3.08	59	382578	248.185	ug/l	100
12) 1,1-Dichloroethene	2.37	96	273497	54.740	ug/l	95
13) Acrolein	2.29	56	195301	231.803	ug/l	99
14) Allyl chloride	2.73	41	468469	47.465	ug/l	98
15) Acrylonitrile	3.15	53	847705m	263.529	ug/l	
16) Acetone	2.45	43	679461	256.860	ug/l	100
17) Carbon Disulfide	2.57	76	755954	49.101	ug/l	100
18) Methyl Acetate	2.78	43	424142	47.946	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	948964	53.242	ug/l	98
20) Methylene Chloride	2.85	84	308344	54.770	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	295428	55.486	ug/l	93
22) Diisopropyl ether	3.87	45	844218	54.762	ug/l	99
23) Vinyl Acetate	3.82	43	3287846	250.054	ug/l	99
24) 1,1-Dichloroethane	3.70	63	485943	55.149	ug/l	99
25) 2-Butanone	4.70	43	1017502	269.580	ug/l	96
26) 2,2-Dichloropropane	4.58	77	355832	43.757	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	338755	57.039	ug/l	97
28) Bromochloromethane	5.02	49	199526	51.842	ug/l	99
29) Tetrahydrofuran	5.15	42	697174	265.772	ug/l	97
30) Chloroform	5.21	83	523728	56.560	ug/l	99
31) Cyclohexane	5.57	56	444315	54.563	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	473107	53.699	ug/l	100
36) 1,1-Dichloropropene	5.80	75	386641	53.083	ug/l	100
37) Ethyl Acetate	4.85	43	379600	46.538	ug/l	98
38) Carbon Tetrachloride	5.78	117	421378	49.177	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	496954	52.563	ug/l	98
40) Benzene	6.14	78	1187083	54.415	ug/l	100
41) Methacrylonitrile	5.06	41	219499	48.905	ug/l	98
42) 1,2-Dichloroethane	6.20	62	391692	54.861	ug/l	100
43) Isopropyl Acetate	6.46	43	640423	47.091	ug/l	99
44) Trichloroethene	7.21	130	346015	52.357	ug/l	94
45) 1,2-Dichloropropane	7.52	63	289620	52.236	ug/l	97
46) Dibromomethane	7.66	93	214374	53.536	ug/l	96
47) Bromodichloromethane	7.90	83	384030	49.524	ug/l	99
48) Methyl methacrylate	7.77	41	331350	50.083	ug/l	98
49) 1,4-Dioxane	7.75	88	167096	1024.732	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1997302	252.281	ug/l	98
52) Toluene	8.79	92	788058	54.909	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	419159	46.220	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	457119	48.542	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	319946	54.873	ug/l	99
56) Ethyl methacrylate	9.18	69	471975	51.779	ug/l	98
57) 1,3-Dichloropropane	9.37	76	503250	54.582	ug/l	100
59) 2-Hexanone	9.49	43	1495229	247.203	ug/l	98
60) Dibromochloromethane	9.59	129	345022	47.988	ug/l	100
61) 1,2-Dibromoethane	9.67	107	347486	53.299	ug/l	99
64) Tetrachloroethene	9.34	164	310454	51.733	ug/l	99
65) Chlorobenzene	10.14	112	916459	54.178	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	329283	50.101	ug/l	99
67) Ethyl Benzene	10.25	91	1507047	53.567	ug/l	100
68) m/p-Xylenes	10.36	106	1204098	106.844	ug/l	99
69) o-Xylene	10.70	106	590191	53.018	ug/l	99
70) Stvrene	10.71	104	949917	52.761	ug/l	99
71) Bromoform	10.86	173	266371	42.934	ug/l #	99
73) Isopropylbenzene	11.02	105	1560285	55.811	ug/l	100
74) N-amyl acetate	10.90	43	542517	45.064	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	469112	52.450	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	433893m	55.529	ug/l	
77) Bromobenzene	11.26	156	420674	54.221	ug/l	100
78) n-propylbenzene	11.36	91	1708440	54.975	ug/l	100
79) 2-Chlorotoluene	11.42	91	1001949	54.245	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1280963	55.070	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	136224	40.912	ug/l	88
82) 4-Chlorotoluene	11.51	91	1153574	53.717	ug/l	100
83) tert-Butylbenzene	11.77	119	1341382	54.048	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1314408	54.724	ug/l	100
85) sec-Butylbenzene	11.94	105	1560019	55.253	ug/l	100
86) p-Isopropyltoluene	12.07	119	1387690	54.582	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	748222	54.199	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	740129	52.821	ug/l	100
89) n-Butylbenzene	12.39	91	1158352	53.398	ug/l	99
90) Hexachloroethane	12.60	117	240471	46.408	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	733101	53.507	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	103052	44.948	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	513995	51.421	ug/l	99

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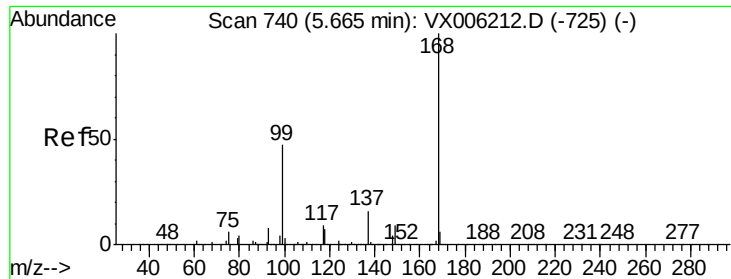
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	226732	51.290	ug/l	99
95) Naphthalene	13.83	128	1664562	53.534	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	514186	51.935	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MS

Tot Ion:168 Resp: 552161

Ion Ratio Lower Upper

168 100

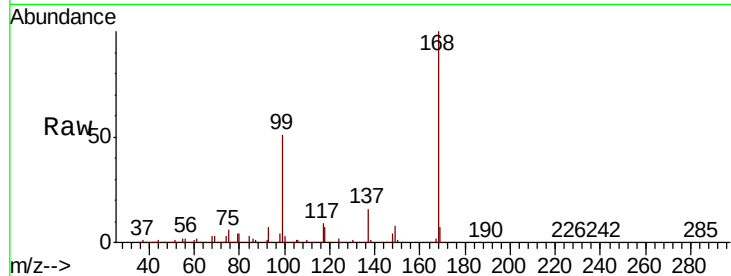
99 50.8 37.8 56.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

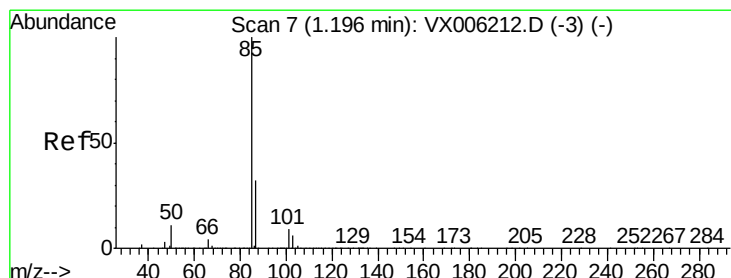
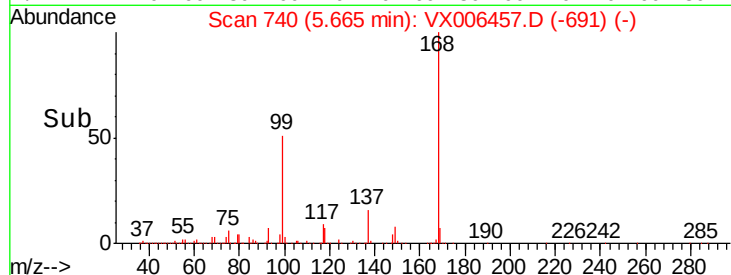
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.257 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006457.D

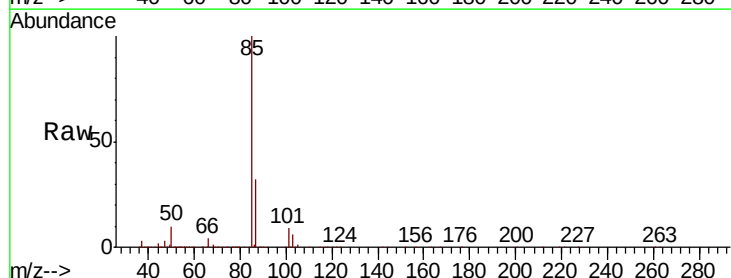
Acq: 12 Dec 2018 20:39

Tgt Ion: 85 Resp: 277118

Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

250000

200000

150000

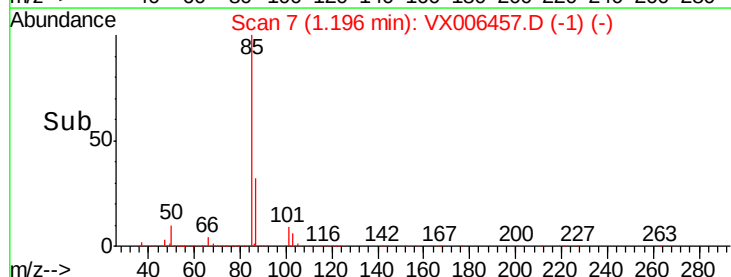
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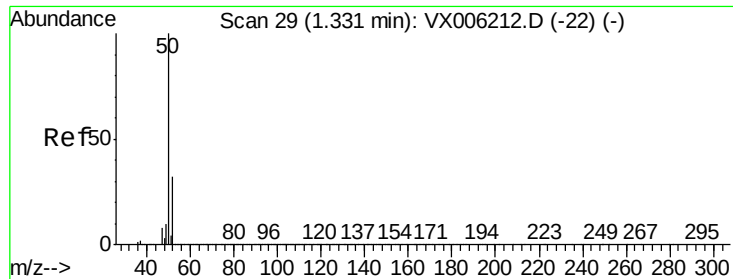
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 51.121 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MS

Tot Ion: 50 Resp: 284019

Ion Ratio Lower Upper

50 100

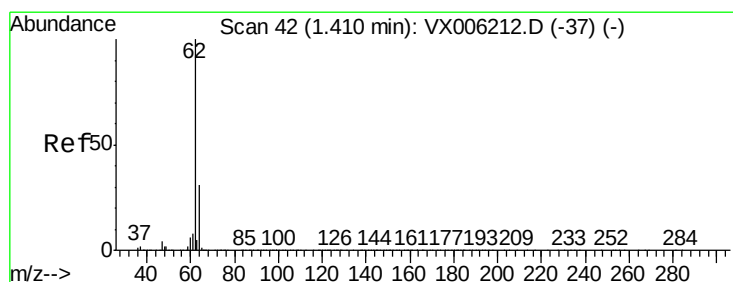
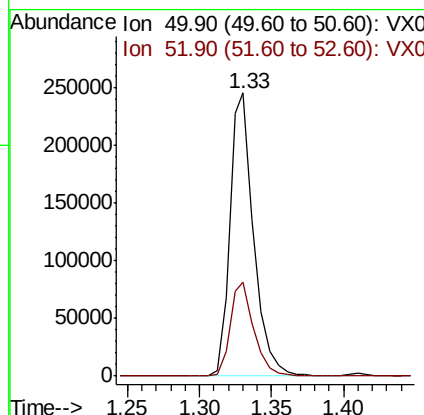
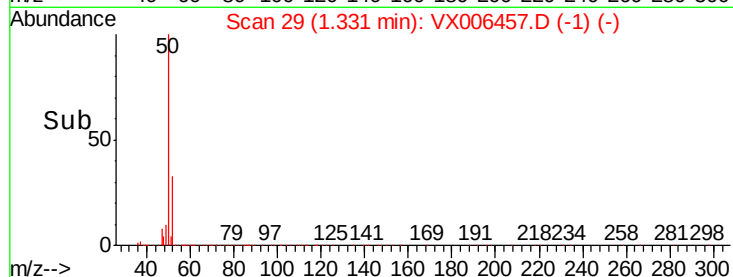
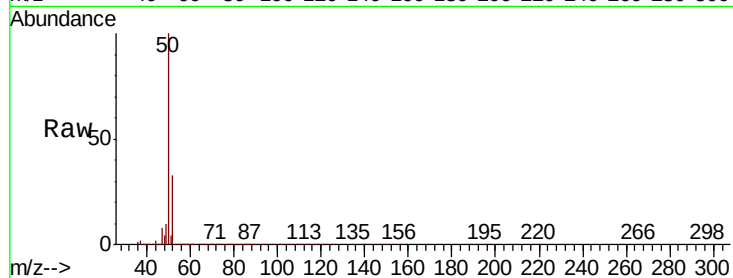
52 32.9 25.2 37.8

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#4

Vinyl Chloride

Concen: 52.748 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006457.D

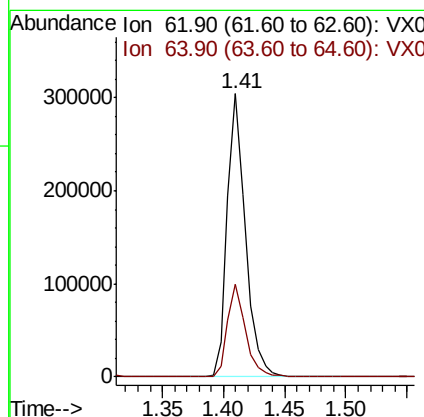
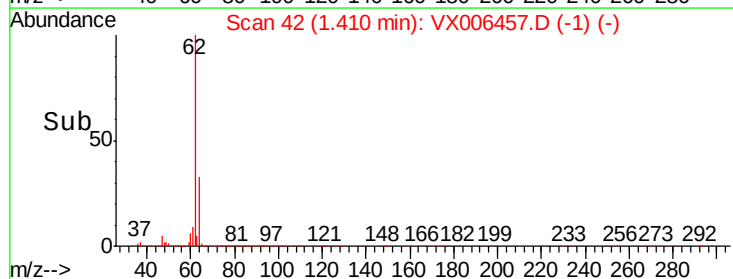
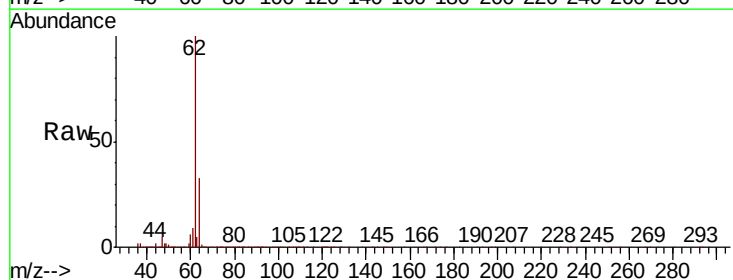
Acq: 12 Dec 2018 20:39

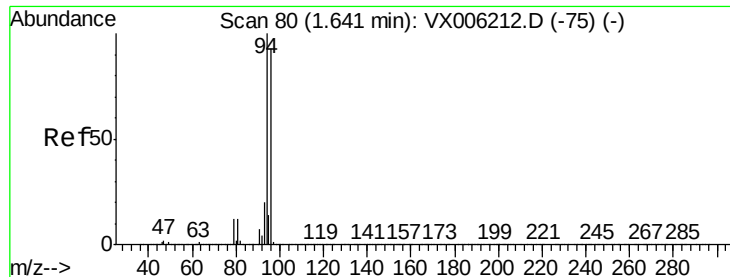
Tgt Ion: 62 Resp: 315404

Ion Ratio Lower Upper

62 100

64 32.7 24.9 37.3





#5

Bromomethane

Concen: 68.728 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MS

Tot Ion: 94 Resp: 284808

Ion Ratio Lower Upper

94 100

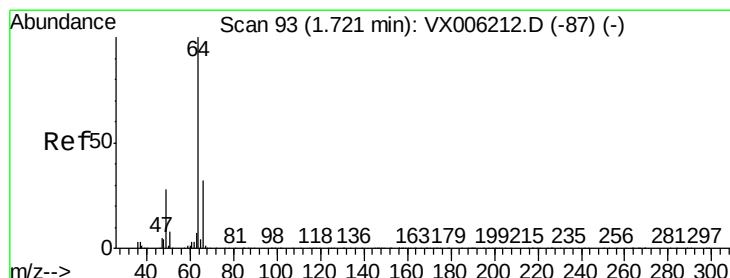
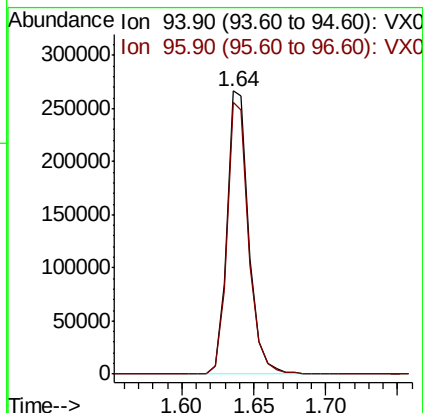
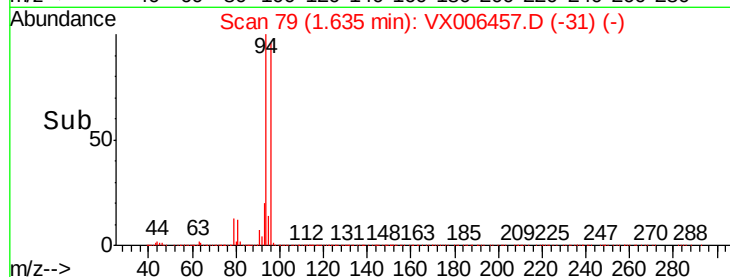
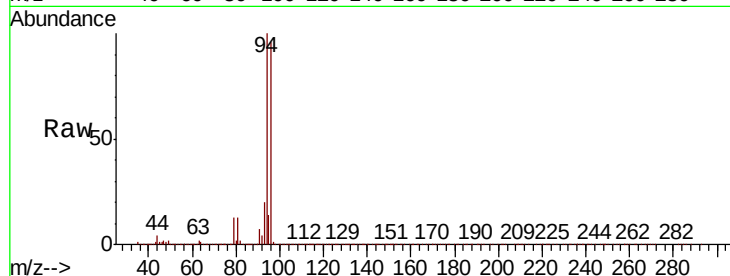
96 96.0 74.5 111.7

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#6

Chloroethane

Concen: 53.741 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006457.D

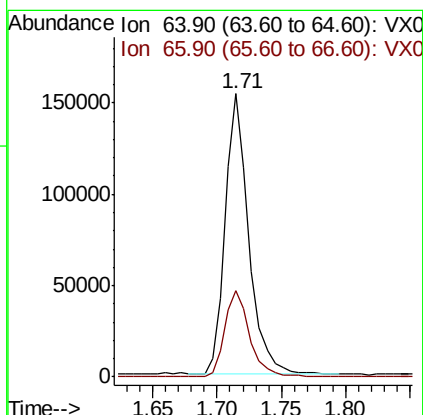
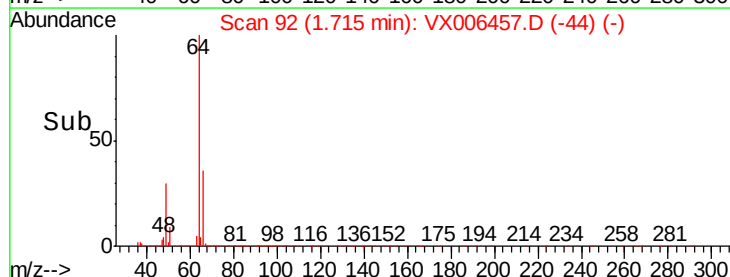
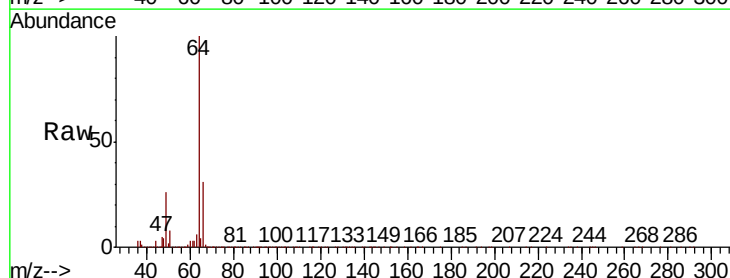
Acq: 12 Dec 2018 20:39

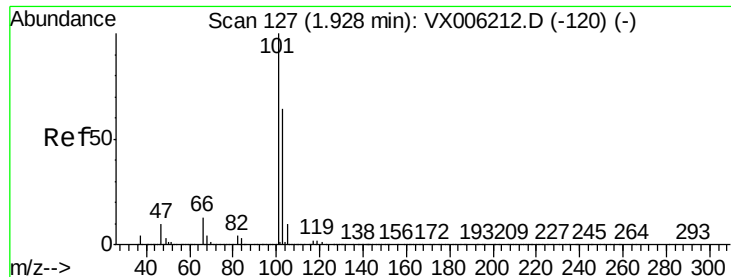
Tgt Ion: 64 Resp: 197028

Ion Ratio Lower Upper

64 100

66 30.7 25.9 38.9





#7

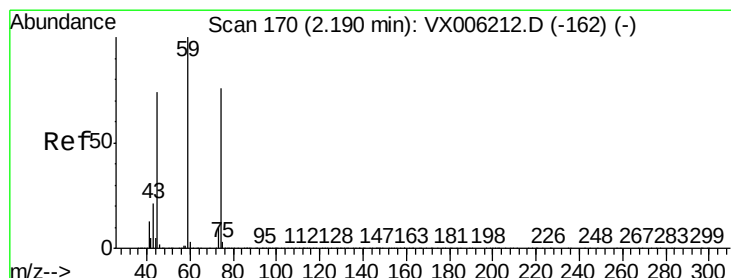
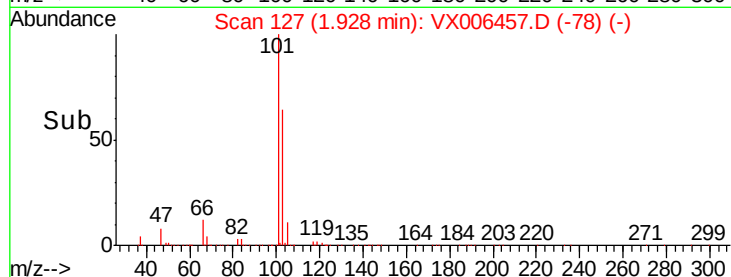
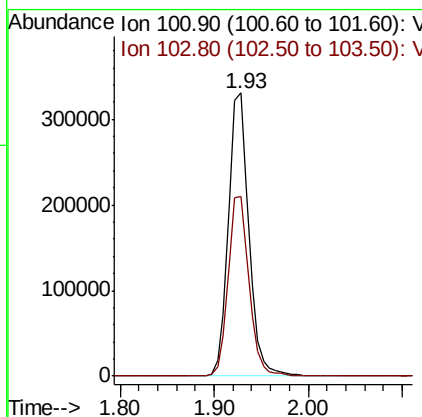
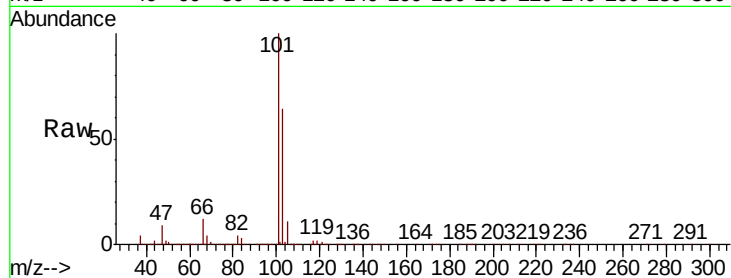
Trichlorofluoromethane
Concen: 54.338 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Instrument :
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ClientSampleId :
BP-TT-SW4002-20181211MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.0	76.4

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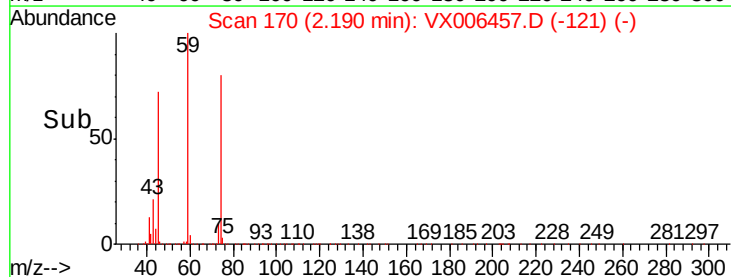
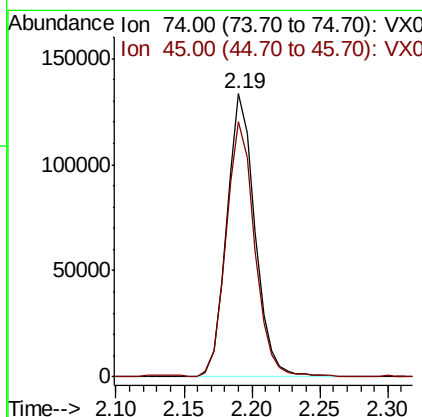
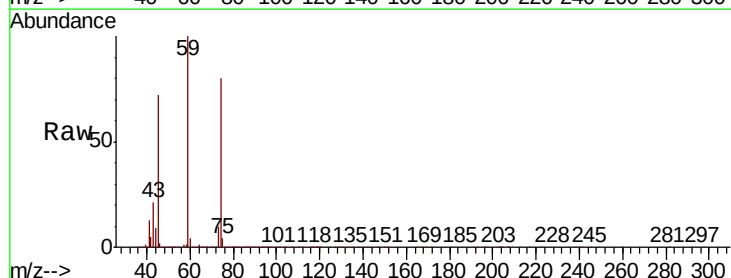
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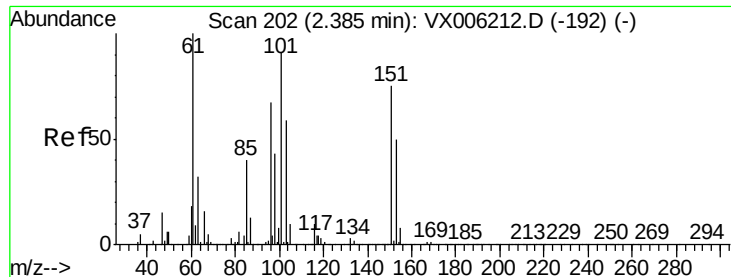


#8

Diethyl Ether
Concen: 55.330 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.7	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.775 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

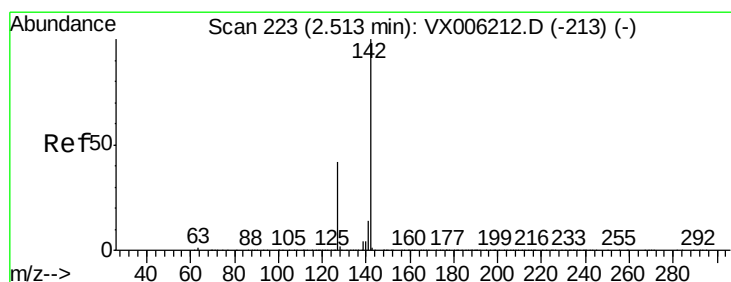
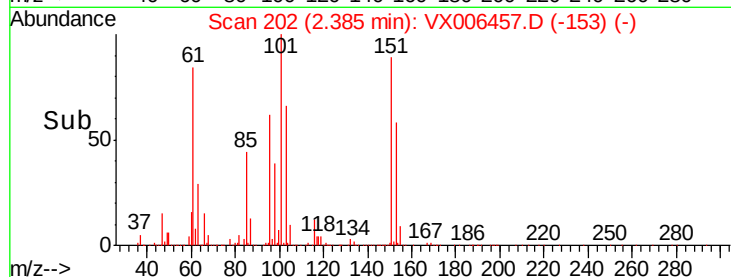
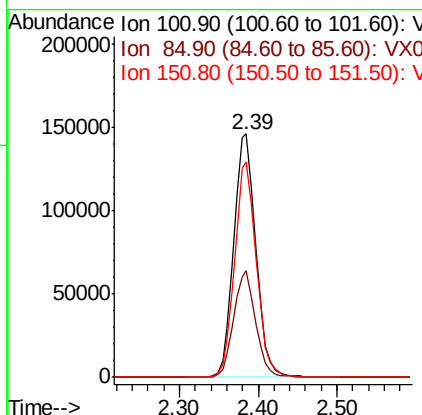
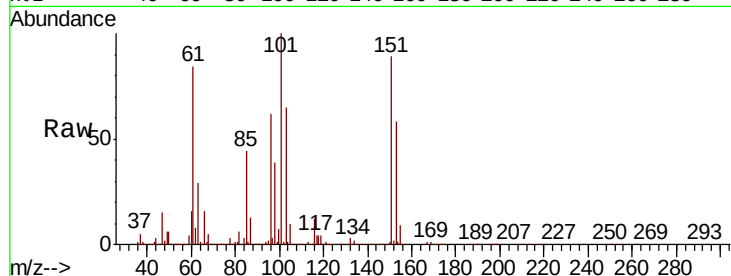
ClientSampleId :

BP-TT-SW4002-20181211MS

Tot Ion:	101	Resp:	285880
Ion Ratio	Lower	Upper	
101	100		
85	43.1	35.5	53.3
151	87.0	68.6	103.0

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12/13/2018 11:05:11 AM



#10

Methyl Iodide

Concen: 59.299 ug/l

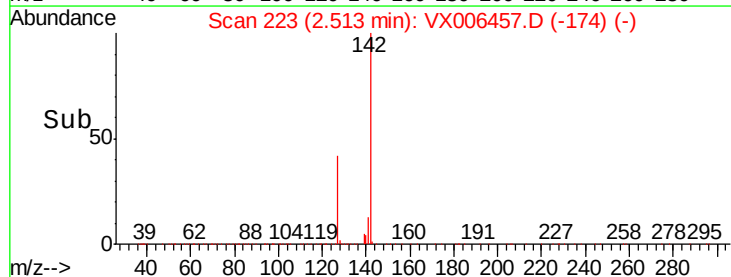
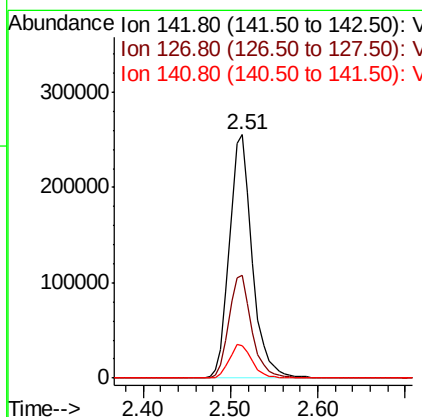
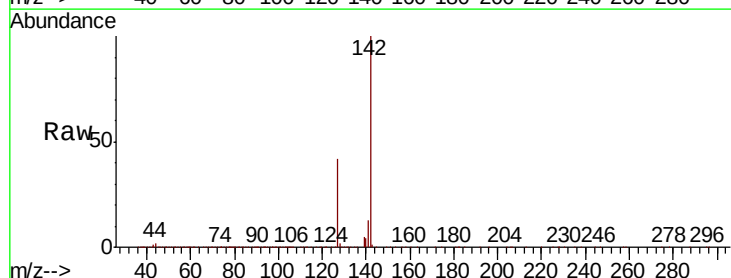
RT: 2.51 min Scan# 223

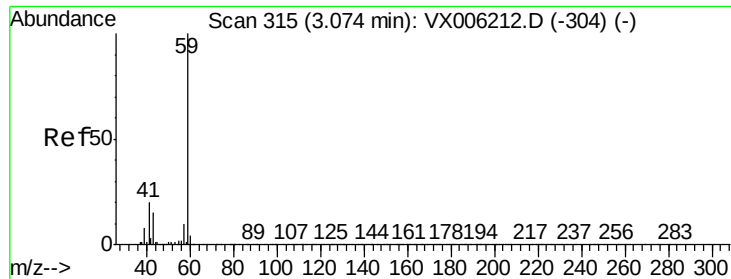
Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Tgt Ion:	142	Resp:	466417
Ion Ratio	Lower	Upper	
142	100		
127	42.2	34.8	52.2
141	13.9	11.4	17.2





#11

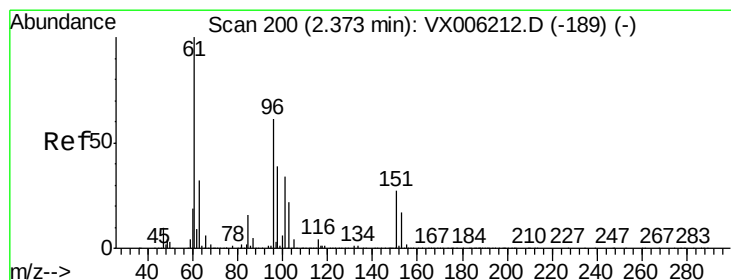
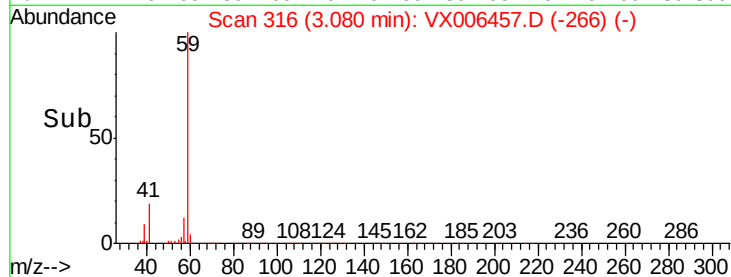
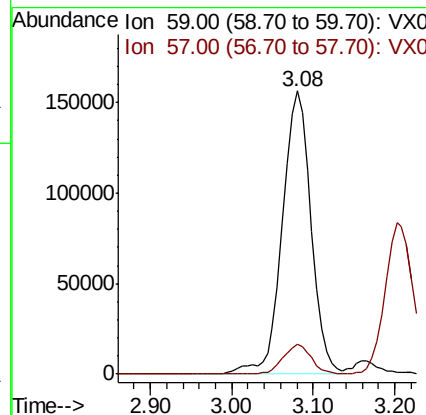
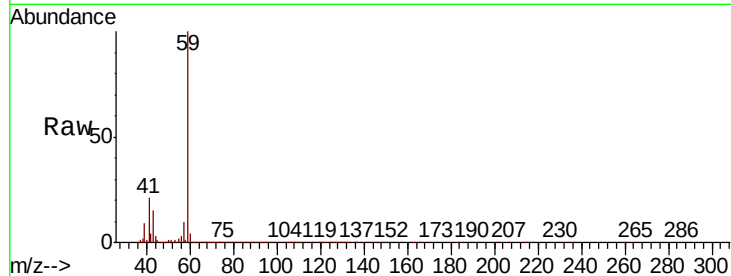
Tert butyl alcohol
Concen: 248.185 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.2

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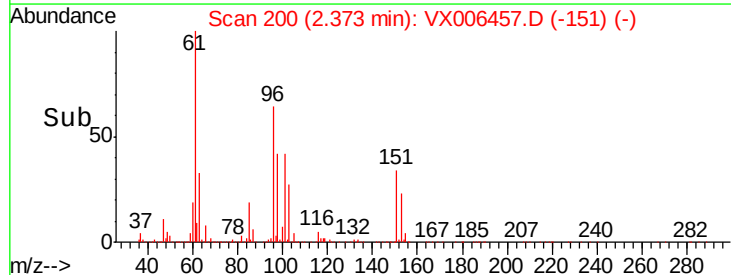
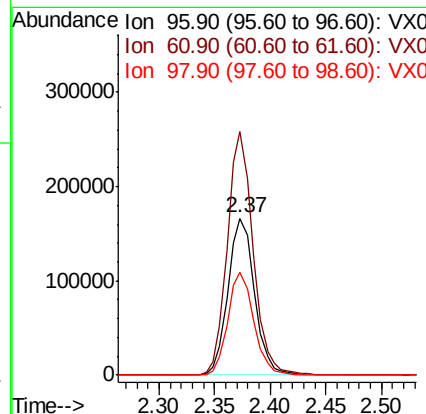
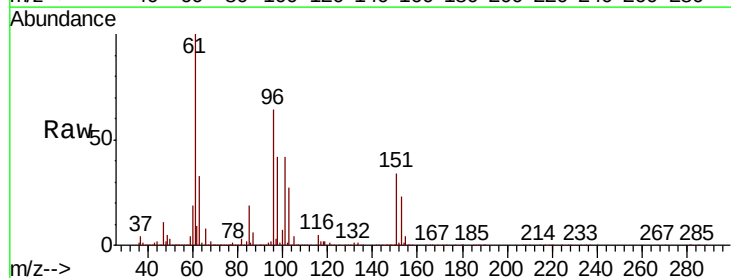
MMDadoda
12/13/2018 11:05:11 AM

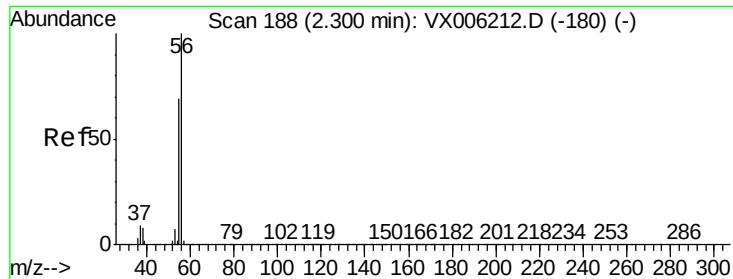


#12

1,1-Dichloroethene
Concen: 54.740 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.3	131.7	197.5
98	65.6	51.8	77.6





#13

Acrolein

Concen: 231.803 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

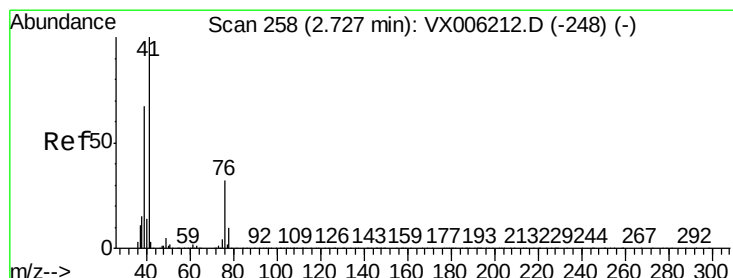
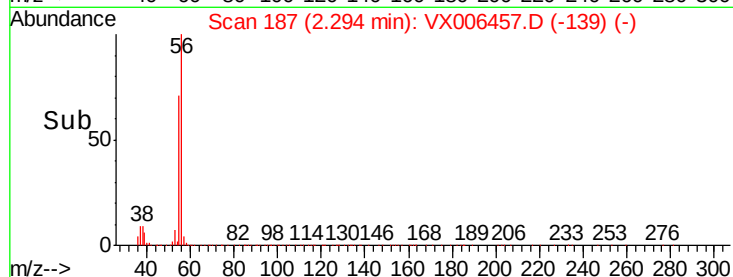
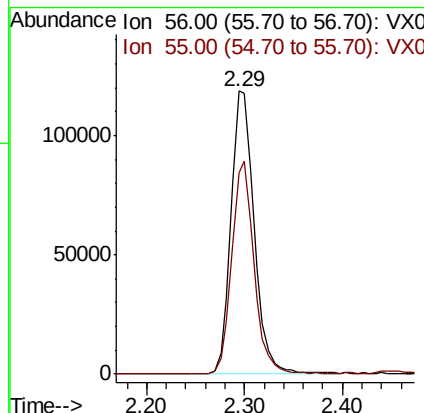
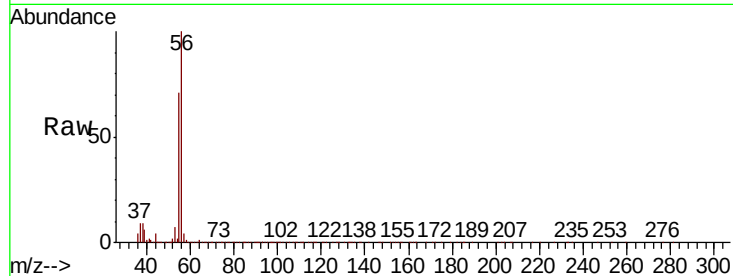
ClientSampleId :

BP-TT-SW4002-20181211MS

Tot Ion:	56	Resp:	195301
Ion Ratio	Lower	Upper	
56	100		
55	71.7	57.8	86.6

Manual Integrations
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#14

Allyl chloride

Concen: 47.465 ug/l

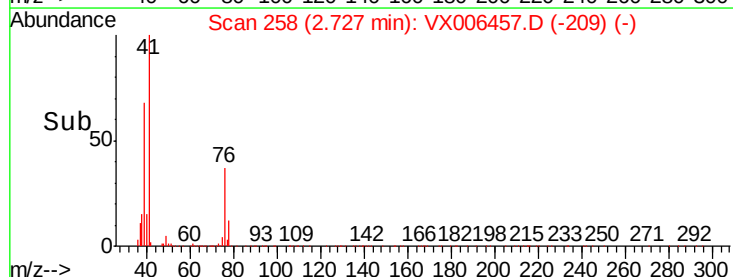
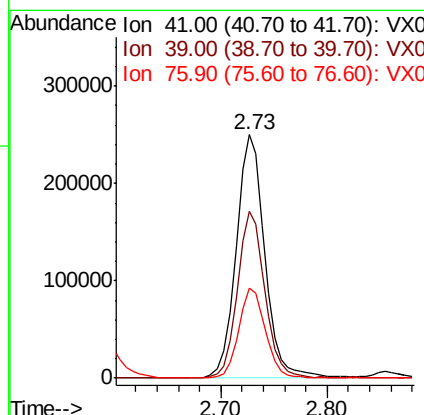
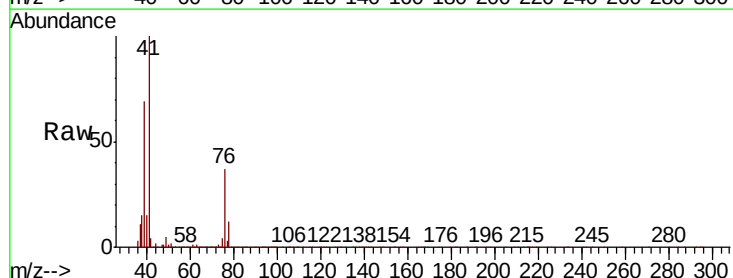
RT: 2.73 min Scan# 258

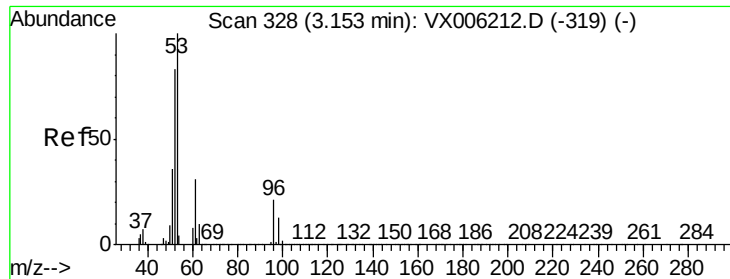
Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Tgt Ion:	41	Resp:	468469
Ion Ratio	Lower	Upper	
41	100		
39	65.5	52.4	78.6
76	34.8	25.4	38.0





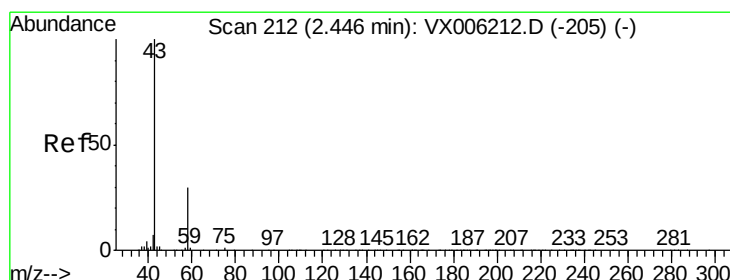
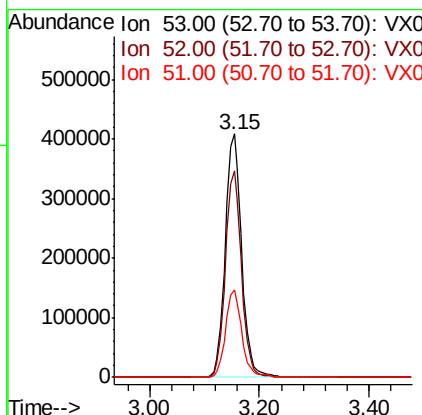
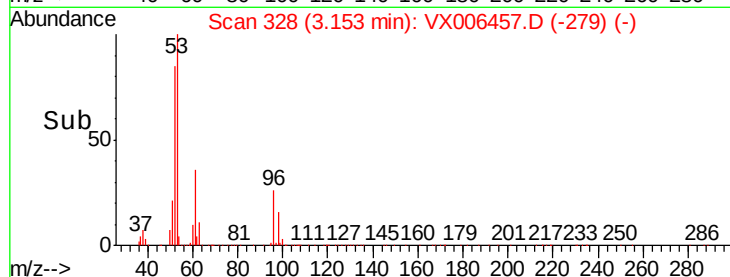
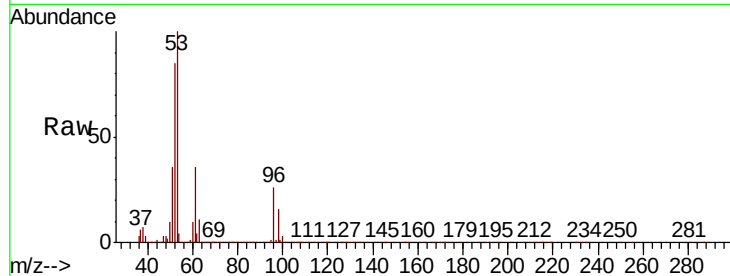
#15
 Acrylonitrile
 Concen: 263.529 ug/l m
 RT: 3.15 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VX006457.D
 Acq: 12 Dec 2018 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MS

Tot Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.2	99.4#
51	0.0	28.7	43.1#

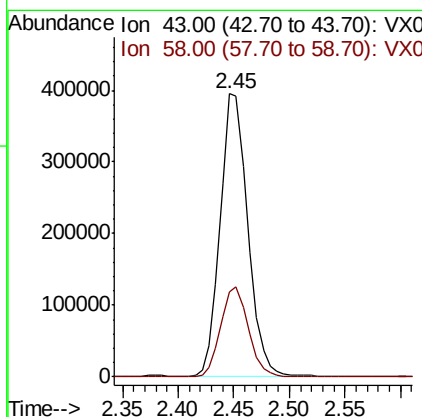
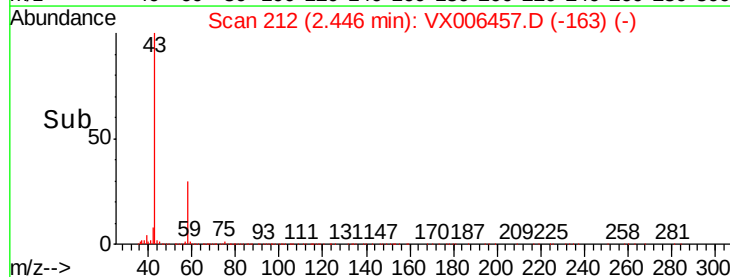
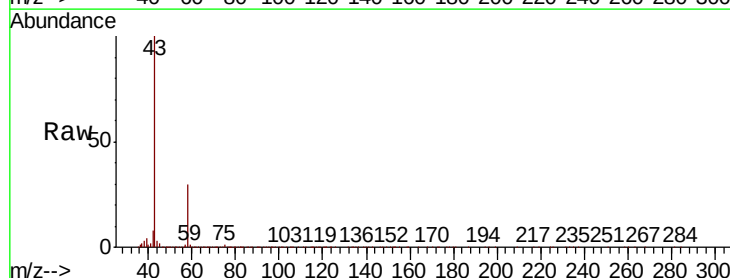
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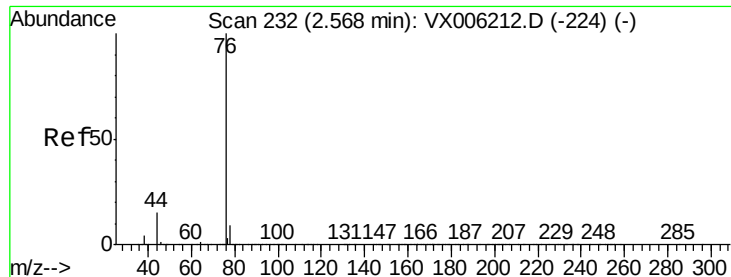
MMDadoda
 12/13/2018 11:05:11 AM



#16
 Acetone
 Concen: 256.860 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006457.D
 Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.0	36.0





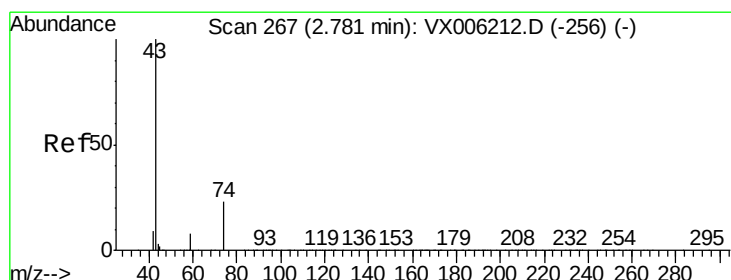
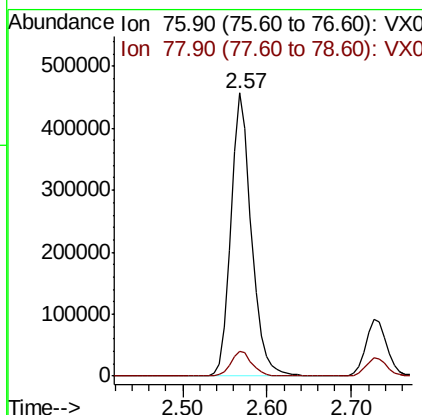
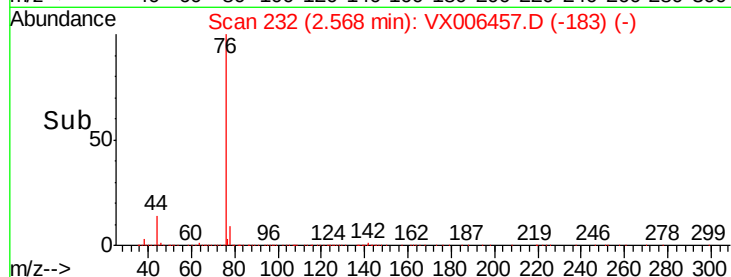
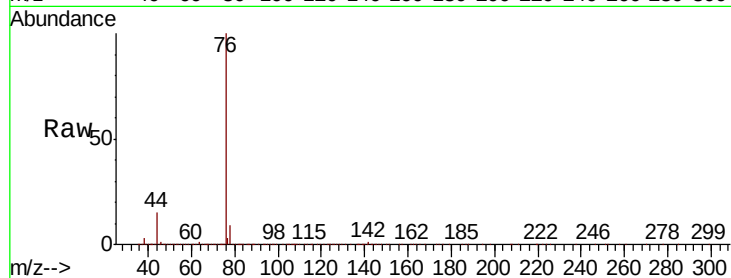
#17
Carbon Disulfide
Concen: 49.101 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

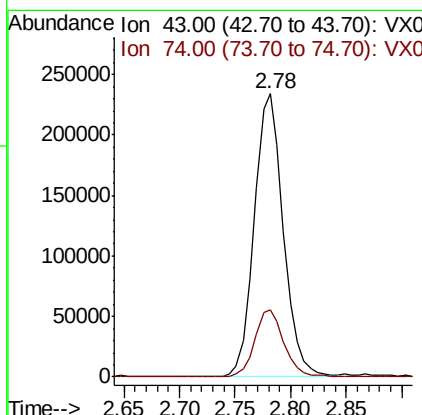
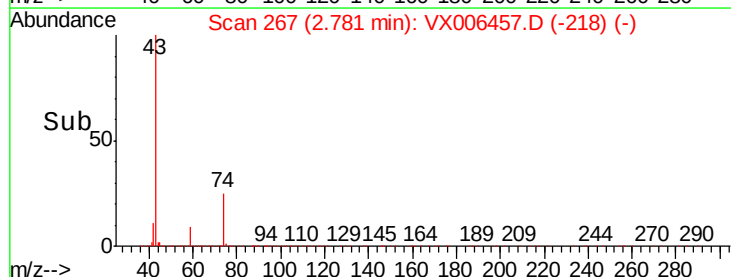
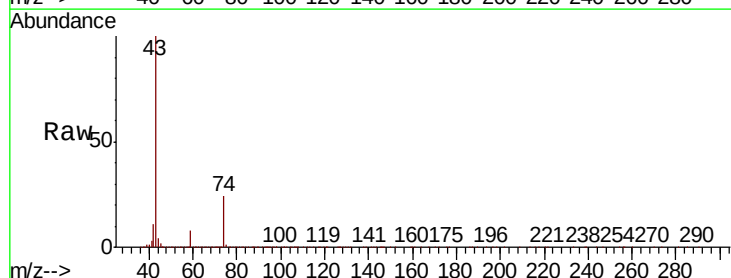
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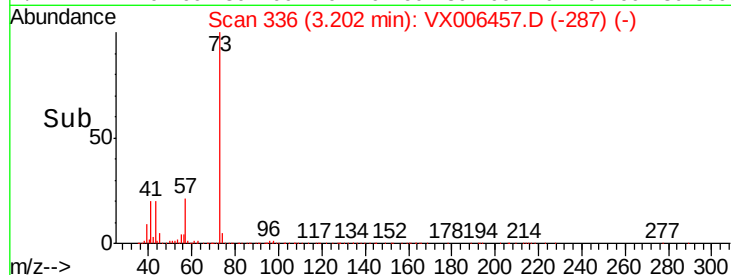
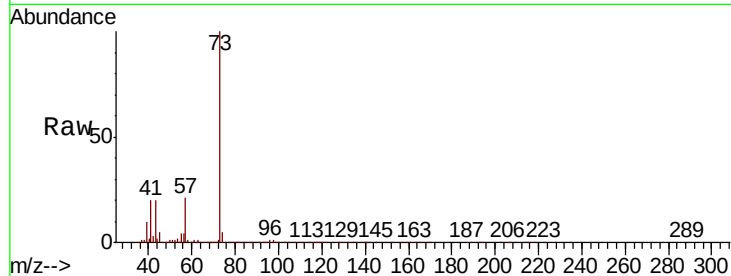
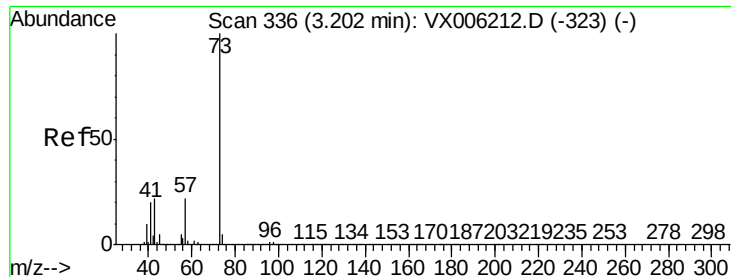
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#18
Methyl Acetate
Concen: 47.946 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	17.9	26.9





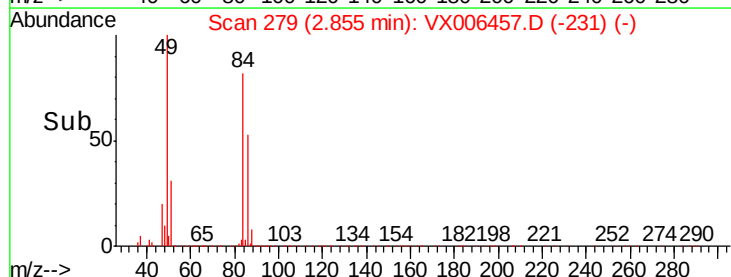
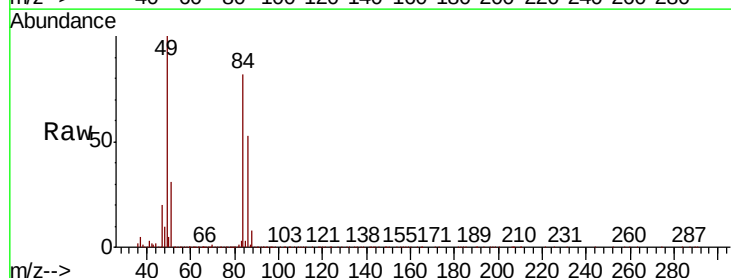
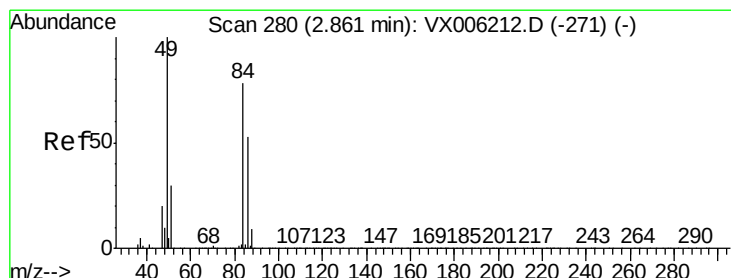
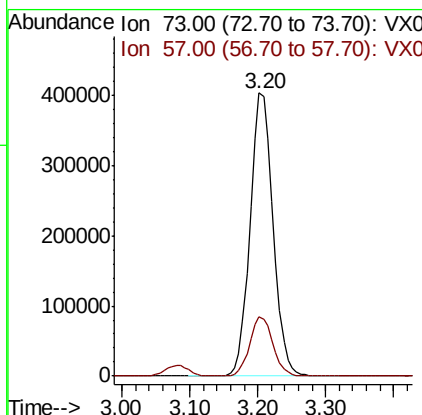
#19
Methyl tert-butyl Ether
Concen: 53.242 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	17.5	26.3

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

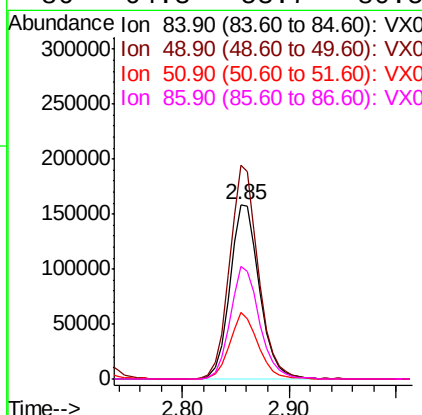
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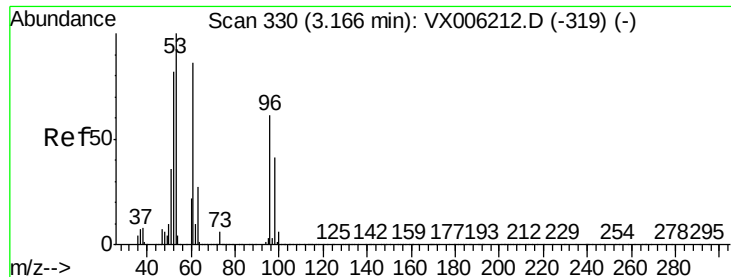
MMDadoda
12/13/2018 11:05:11 AM



#20
Methylene Chloride
Concen: 54.770 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.5	102.2	153.4
51	38.0	31.1	46.7
86	64.3	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 55.486 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

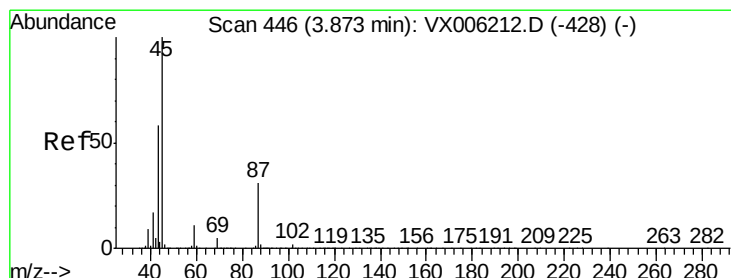
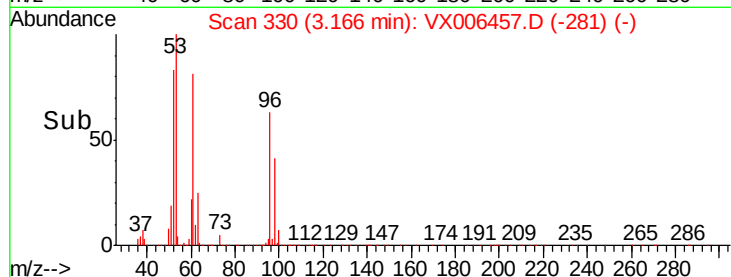
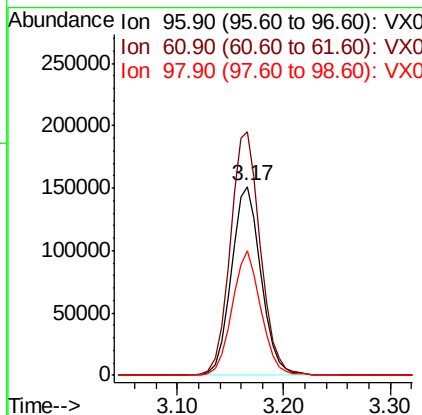
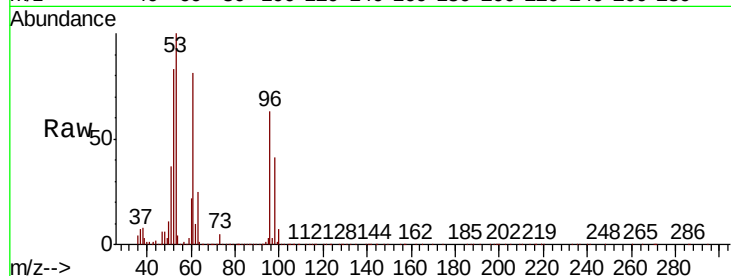
ClientSampleId :

BP-TT-SW4002-20181211MS

Tot Ion:	96	Resp:	295428
Ion Ratio	Lower	Upper	
96	100		
61	128.7	113.3	169.9
98	66.0	53.2	79.8

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#22

Diisopropyl ether

Concen: 54.762 ug/l

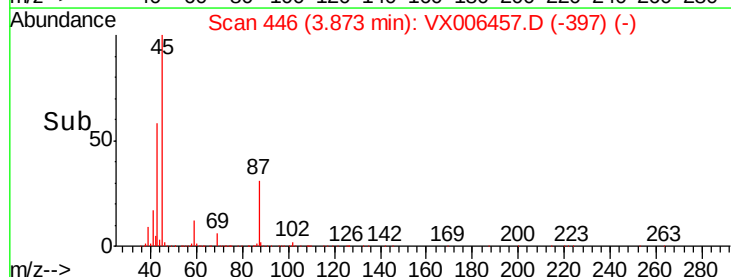
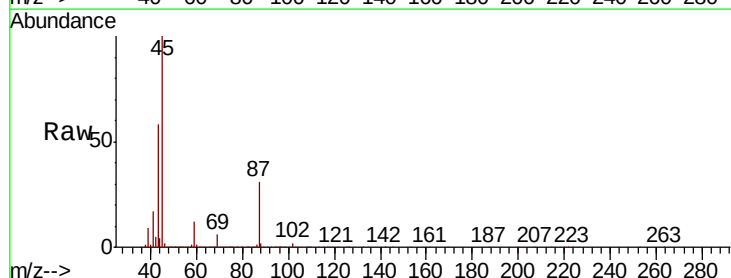
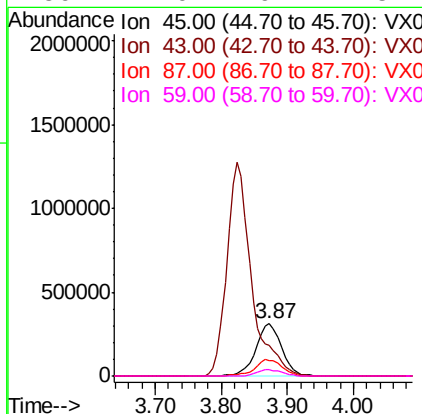
RT: 3.87 min Scan# 446

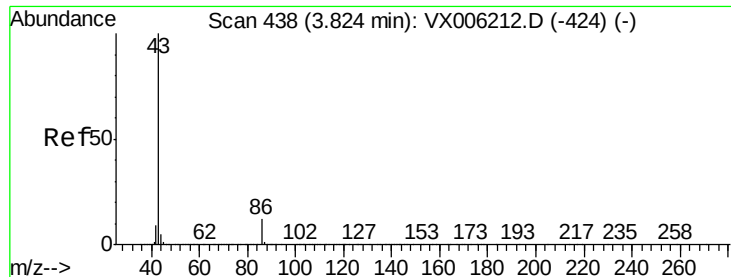
Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Tgt Ion:	45	Resp:	844218
Ion Ratio	Lower	Upper	
45	100		
43	57.9	46.2	69.2
87	30.7	24.9	37.3
59	12.0	9.1	13.7





#23

Vinyl Acetate

Concen: 250.054 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MS

Tot Ion: 43 Resp: 3287846

Ion Ratio Lower Upper

43 100

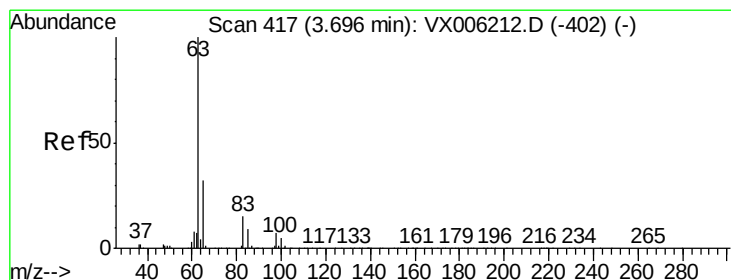
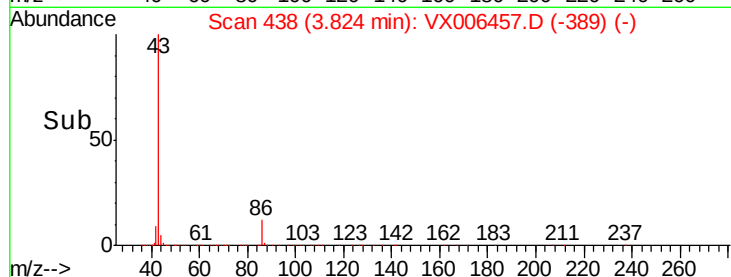
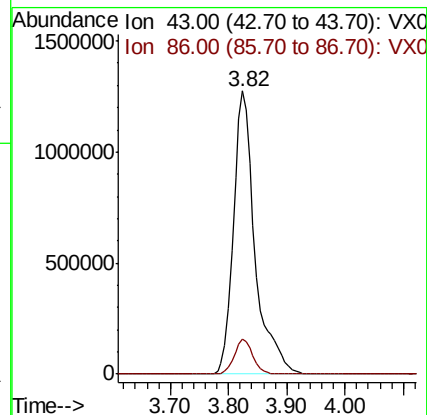
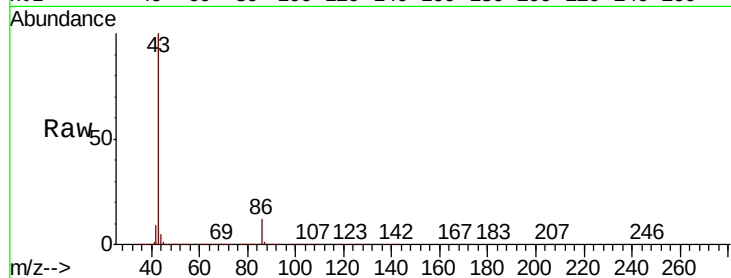
86 12.2 9.4 14.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 55.149 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

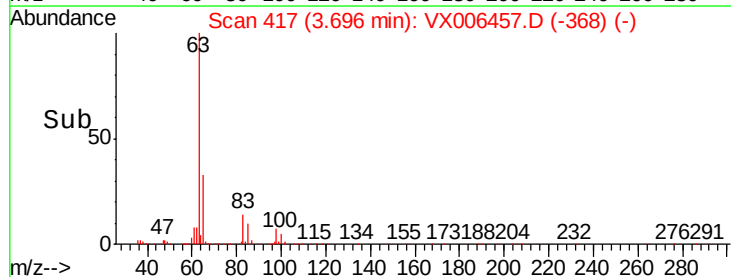
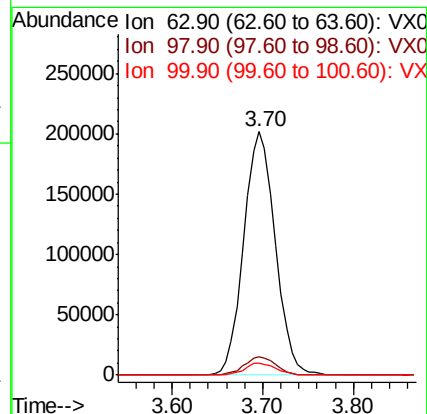
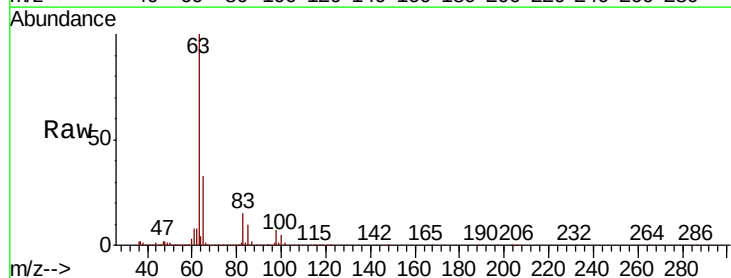
Tgt Ion: 63 Resp: 485943

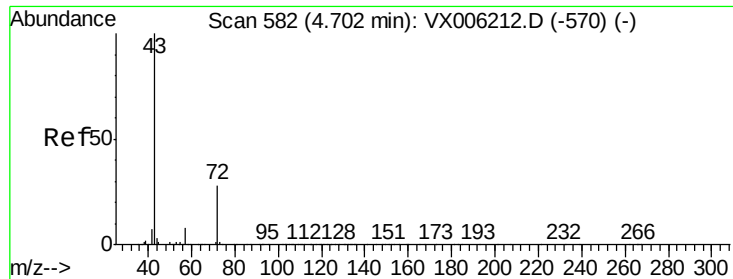
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 4.8 2.5 7.4





#25

2-Butanone

Concen: 269.580 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MS

Tot Ion: 43 Resp: 1017502

Ion Ratio Lower Upper

43 100

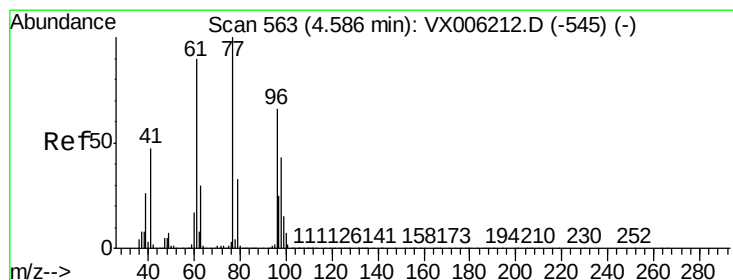
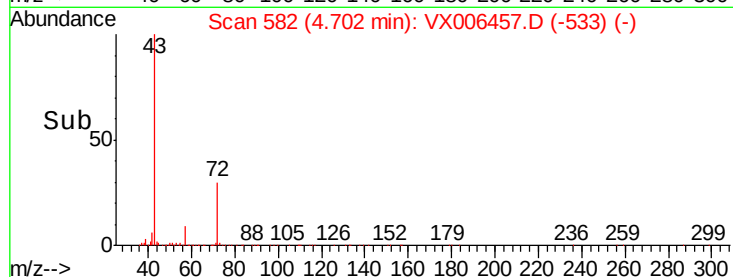
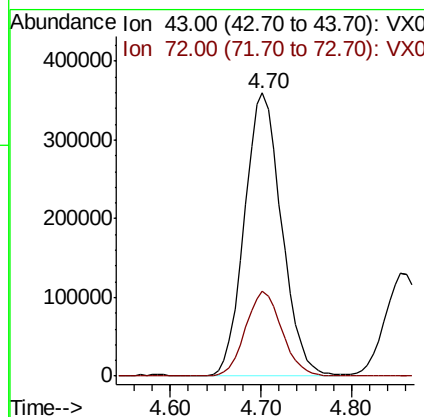
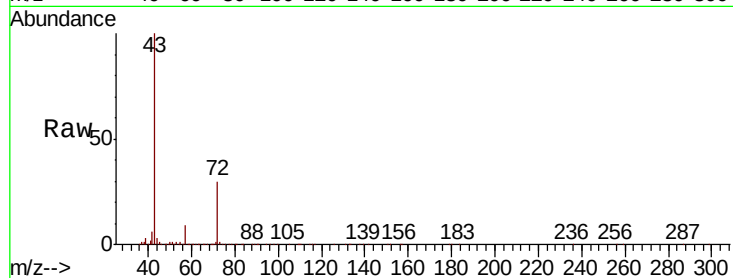
72 30.1 22.6 33.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.757 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006457.D

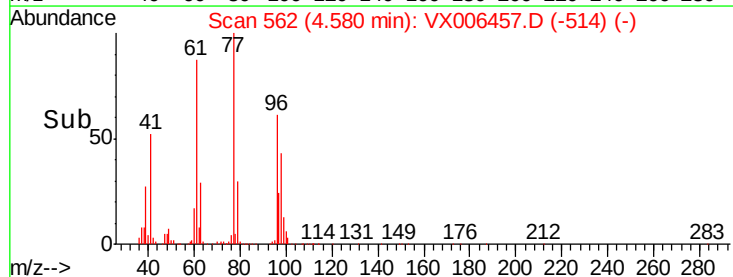
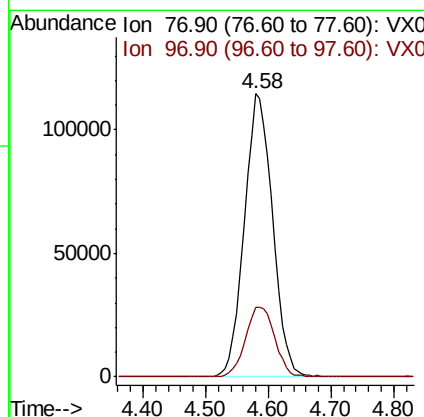
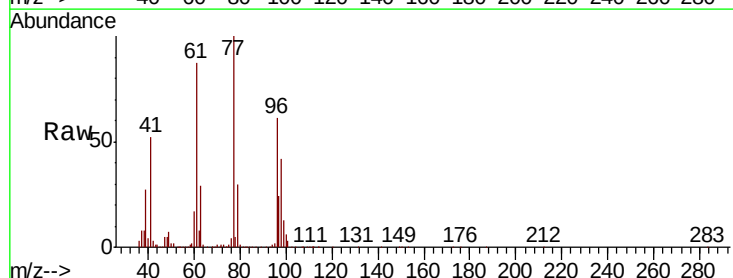
Acq: 12 Dec 2018 20:39

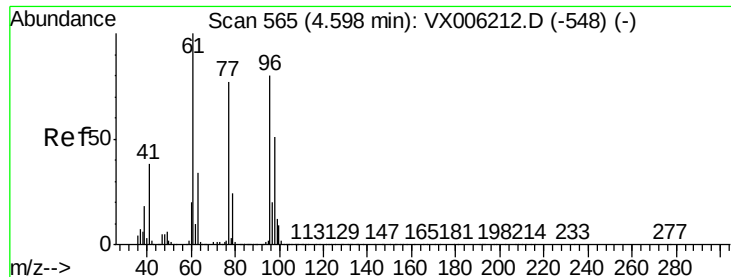
Tgt Ion: 77 Resp: 355832

Ion Ratio Lower Upper

77 100

97 25.7 12.3 36.8





#27

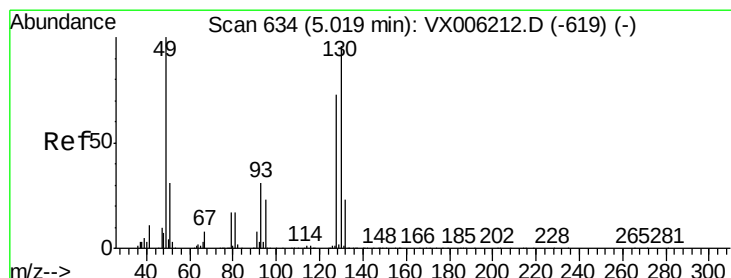
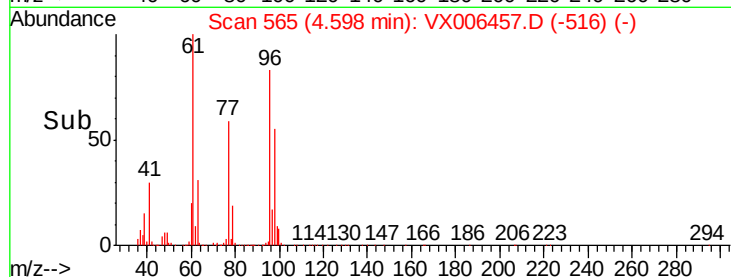
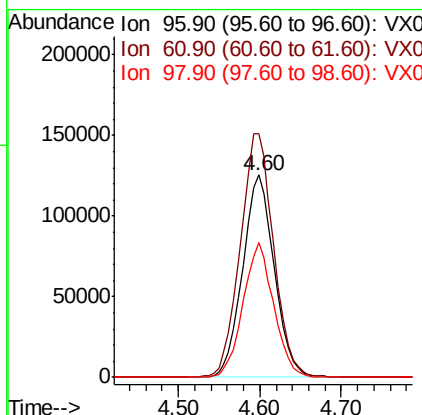
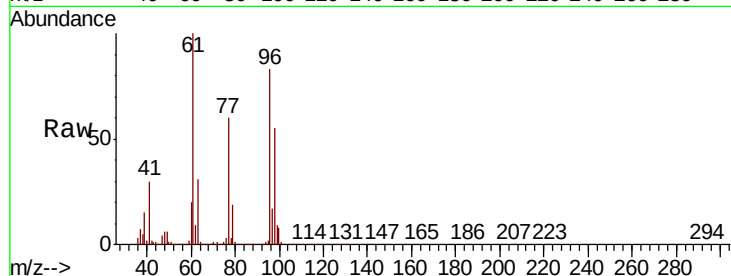
cis-1,2-Dichloroethene
 Concen: 57.039 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006457.D
 Acq: 12 Dec 2018 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.8	0.0	265.0
98	64.7	0.0	130.2

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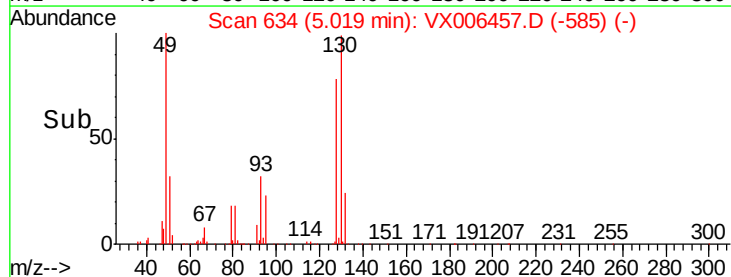
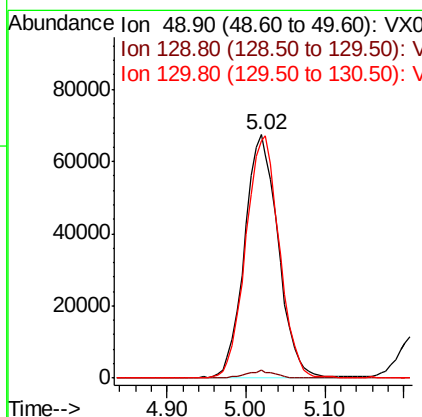
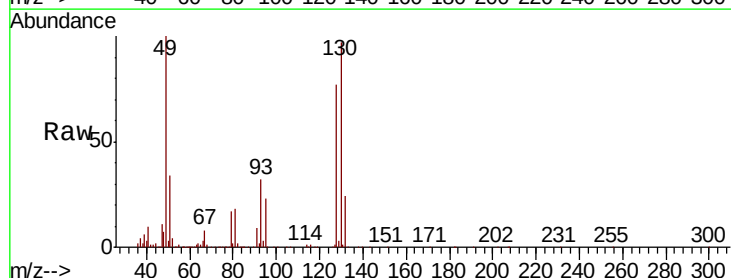
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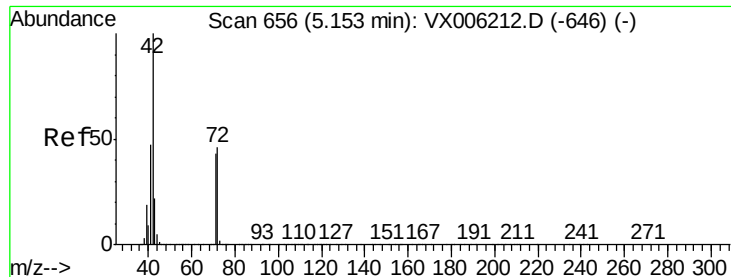


#28

Bromochloromethane
 Concen: 51.842 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006457.D
 Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	99.2	78.3	117.5





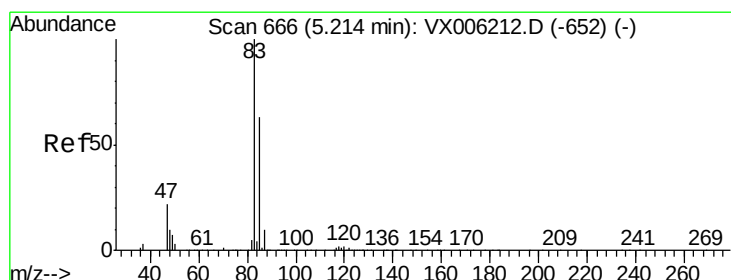
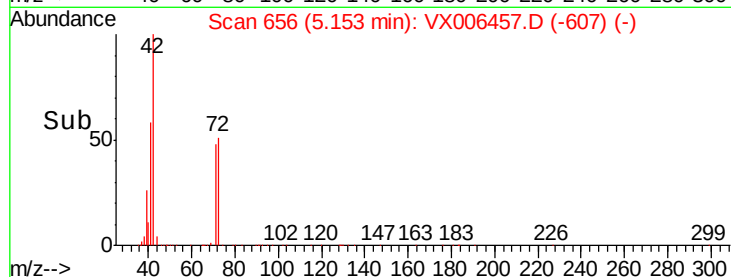
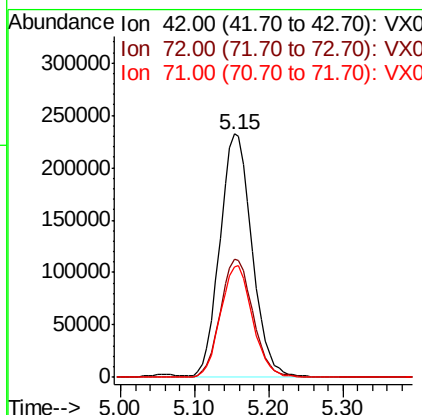
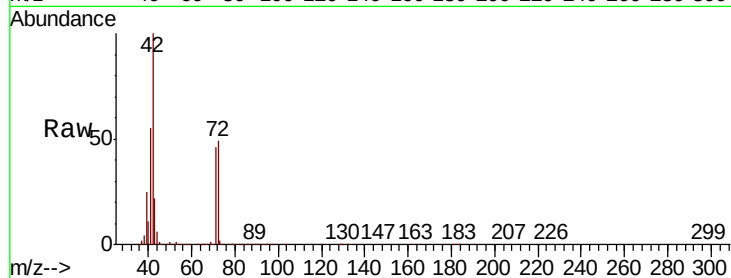
#29
Tetrahydrofuran
Concen: 265.772 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.6	37.8	56.8
71	45.5	35.2	52.8

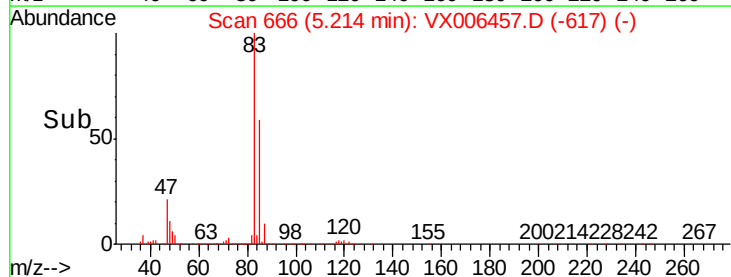
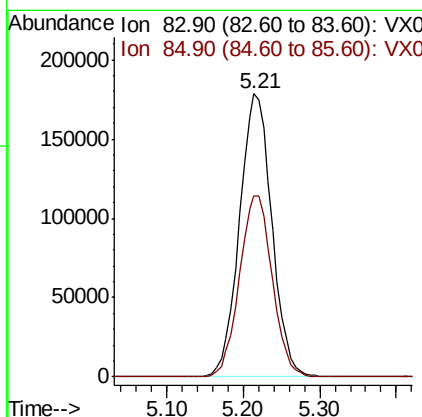
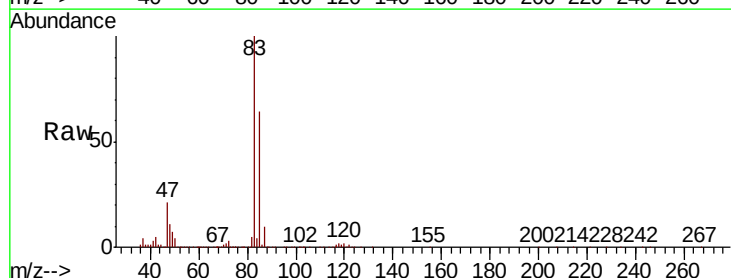
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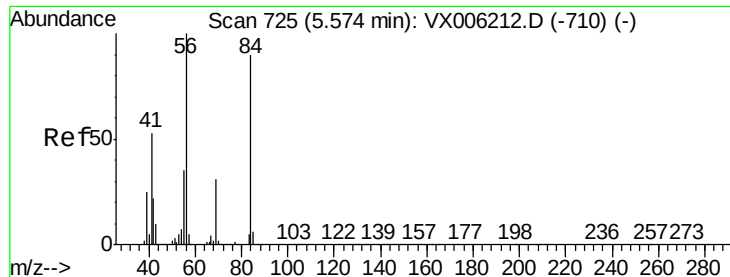
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#30
Chloroform
Concen: 56.560 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.3	75.5





#31

Cyclohexane

Concen: 54.563 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

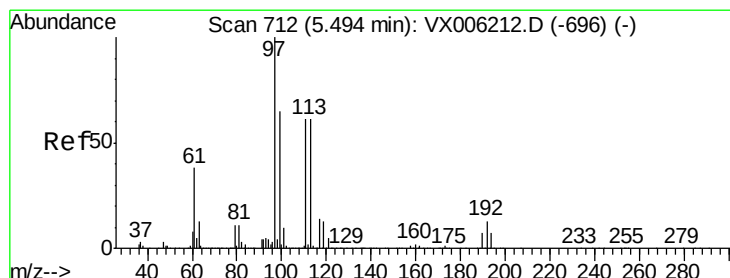
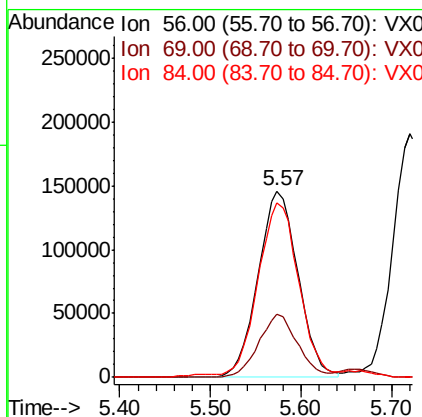
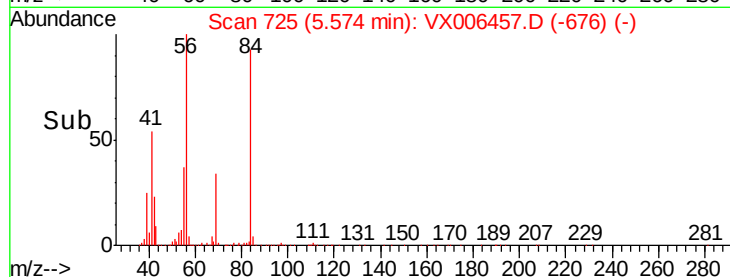
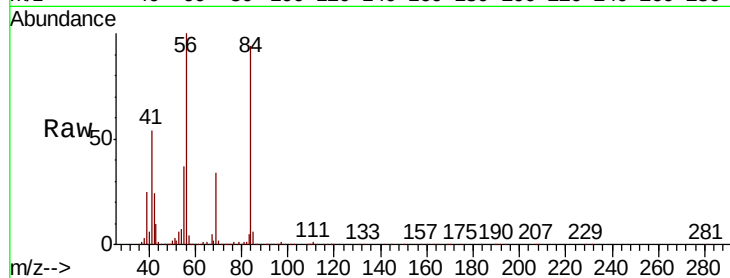
ClientSampleId :

BP-TT-SW4002-20181211MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.0	24.5	36.7
84	92.5	71.8	107.6

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#32

1,1,1-Trichloroethane

Concen: 53.699 ug/l

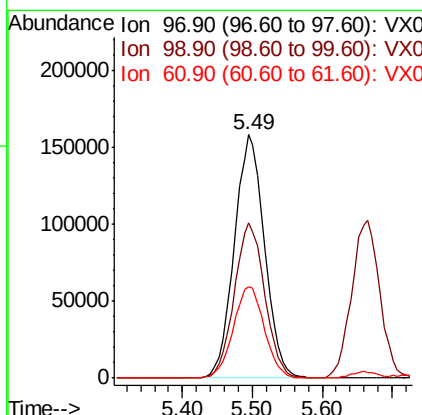
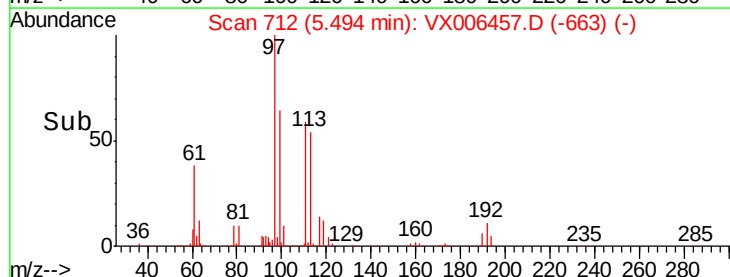
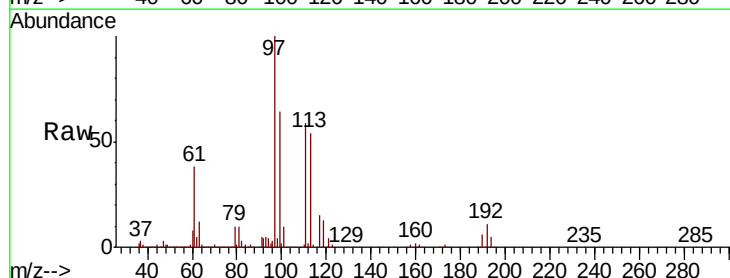
RT: 5.49 min Scan# 712

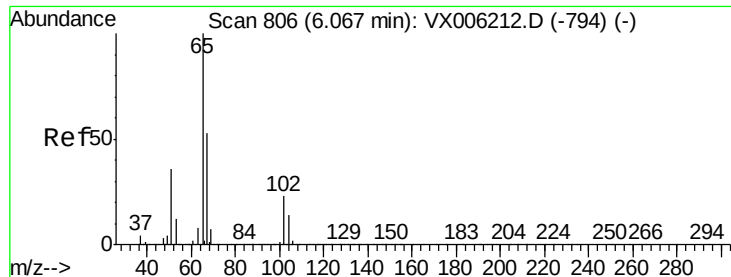
Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.6	77.4
61	38.7	30.6	46.0





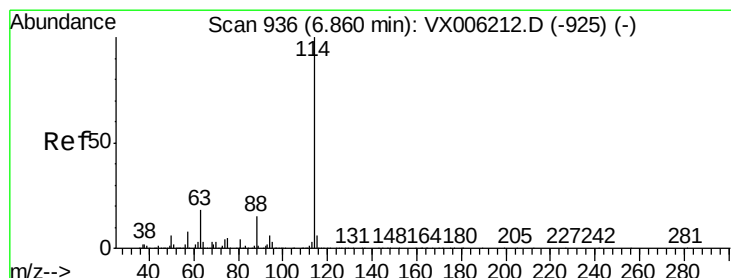
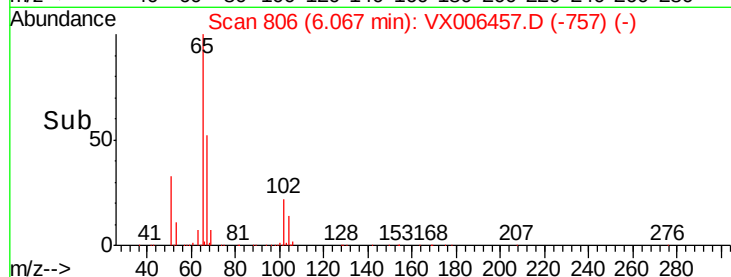
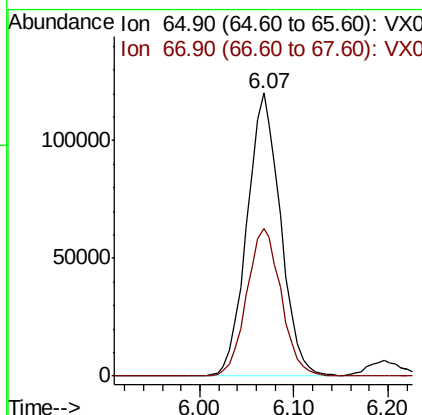
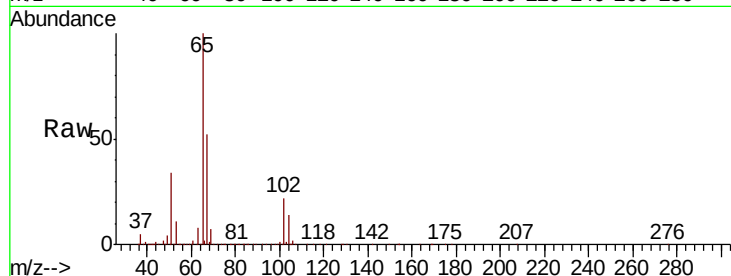
#33
 1,2-Dichloroethane-d4
 Concen: 53.298 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006457.D
 Acq: 12 Dec 2018 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	300425		
67	53.2	0.0	107.2	

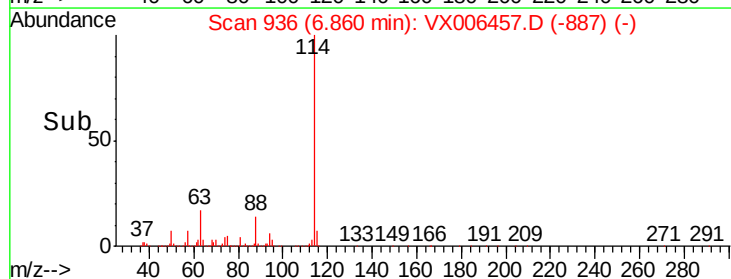
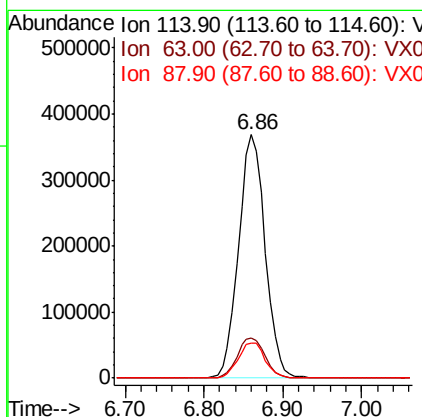
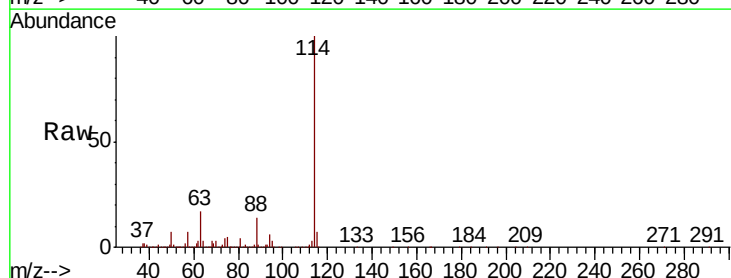
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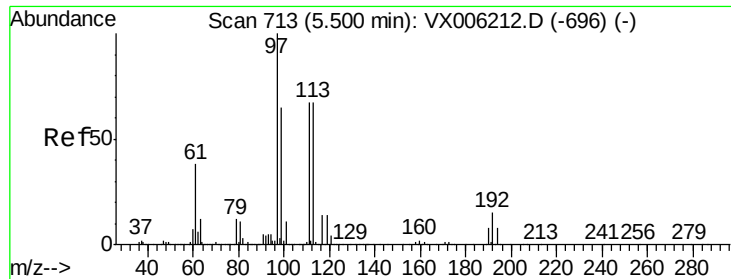
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006457.D
 Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	864939		
63	16.6	0.0	36.6	
88	14.2	0.0	29.0	





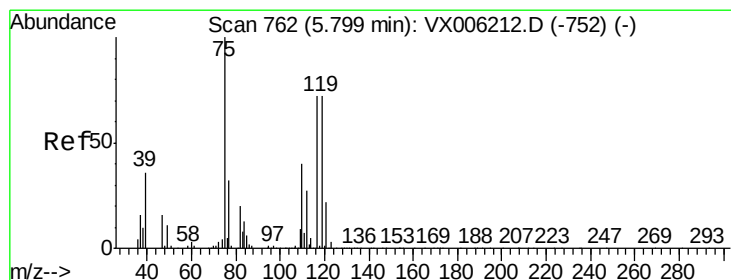
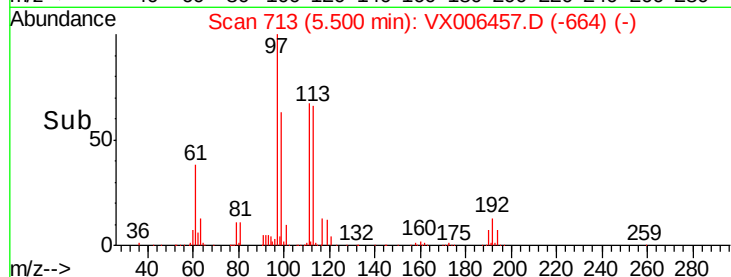
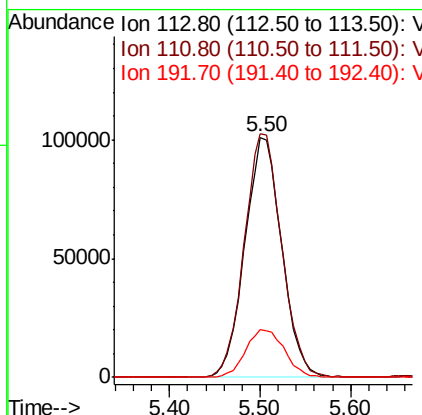
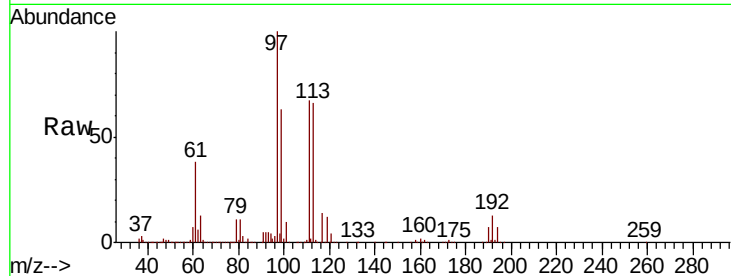
#35
Dibromofluoromethane
Concen: 50.571 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	283205		
111	102.7		81.1	121.7
192	21.0		18.2	27.2

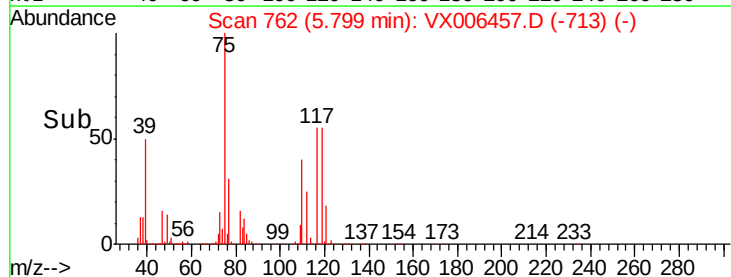
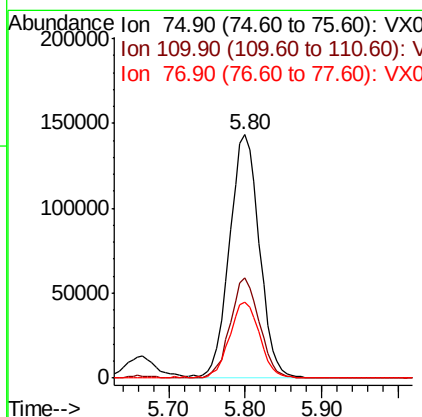
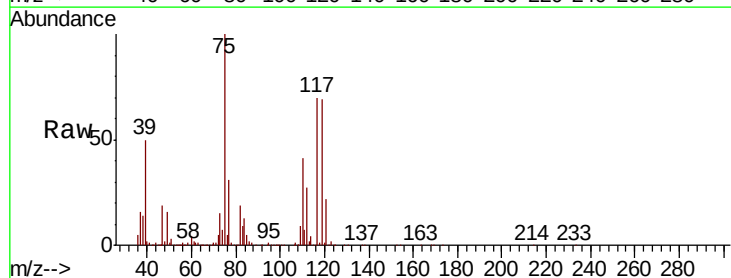
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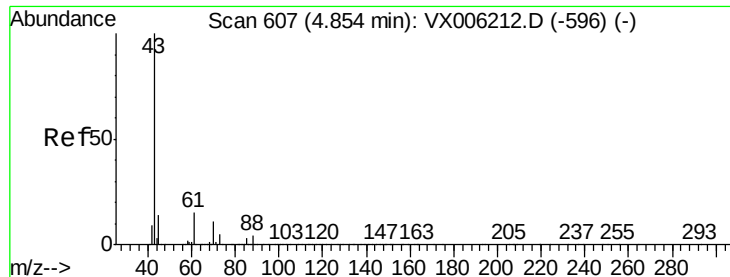
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#36
1,1-Dichloropropene
Concen: 53.083 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	386641		
110	40.5		20.4	61.3
77	31.2		24.9	37.3





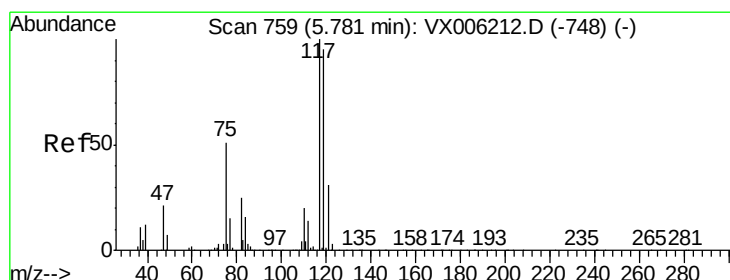
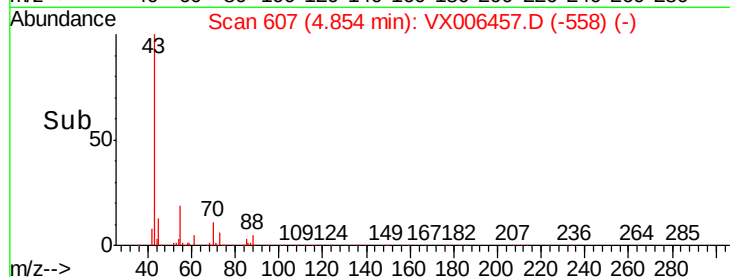
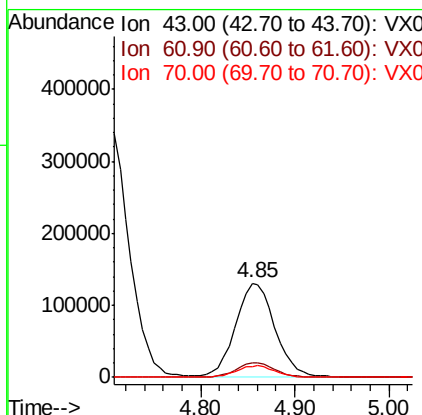
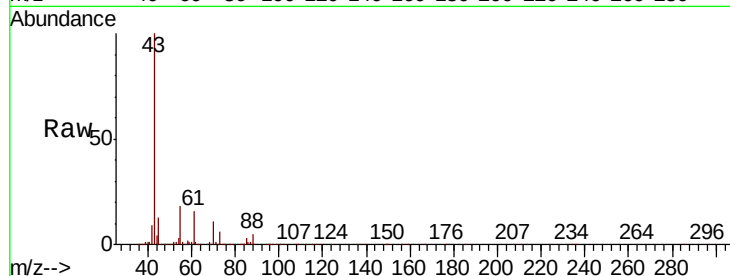
#37
Ethyl Acetate
Concen: 46.538 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

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

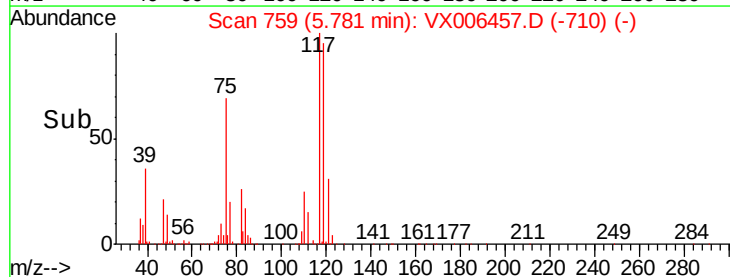
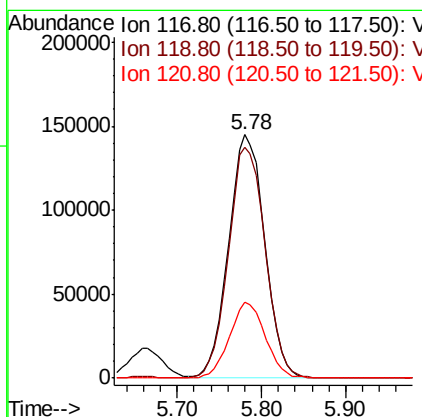
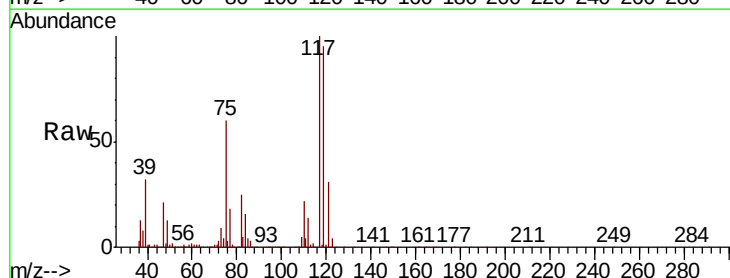
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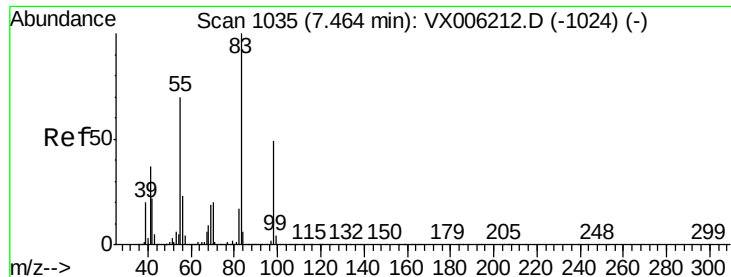
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#38
Carbon Tetrachloride
Concen: 49.177 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.8	113.8
121	31.2	24.6	37.0





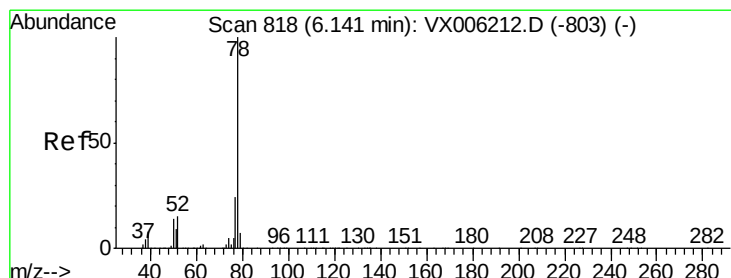
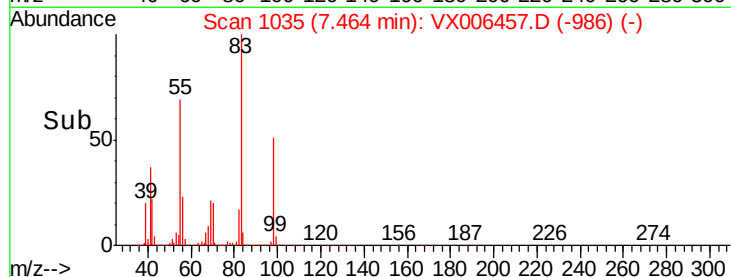
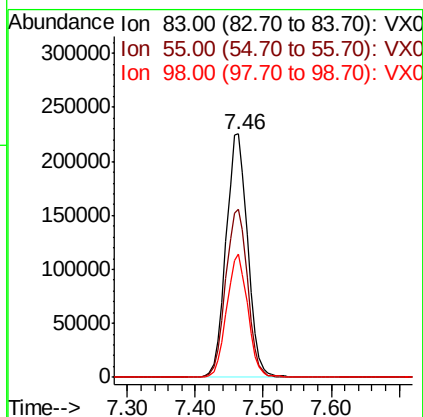
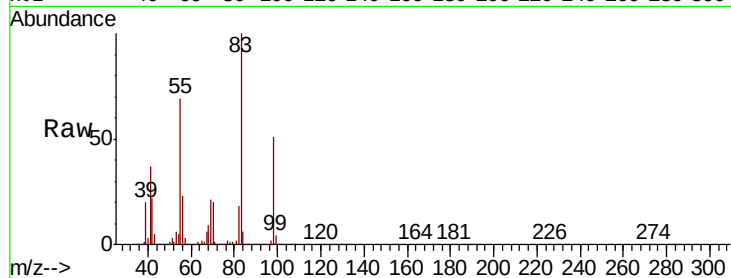
#39
Methylvlcyclohexane
Concen: 52.563 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.2	56.4	84.6
98	50.6	39.0	58.6

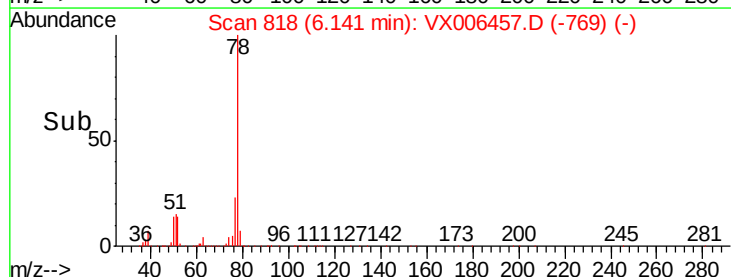
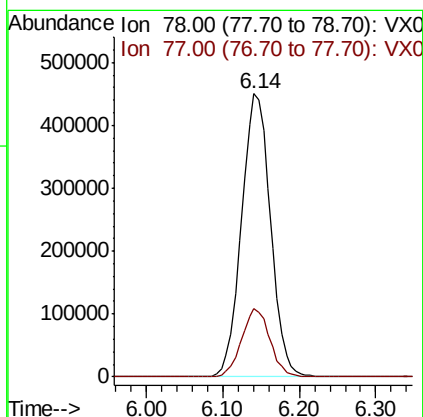
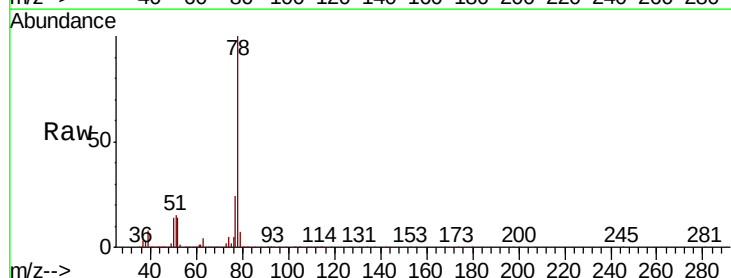
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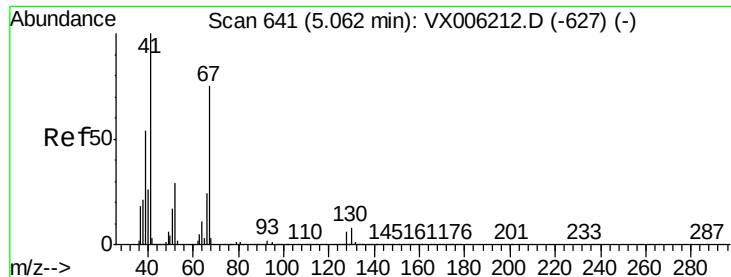
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#40
Benzene
Concen: 54.415 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.2	28.8





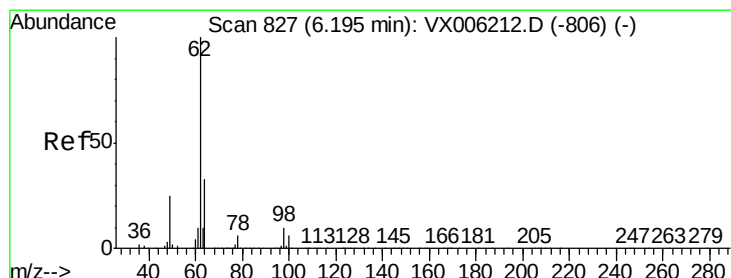
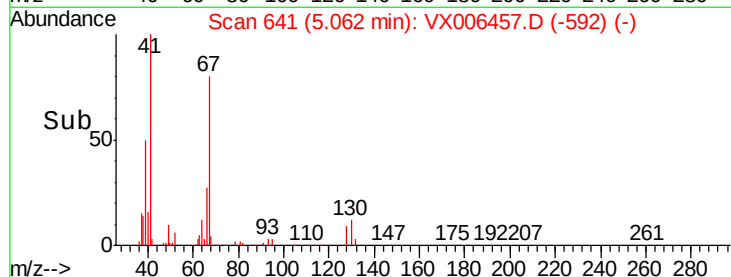
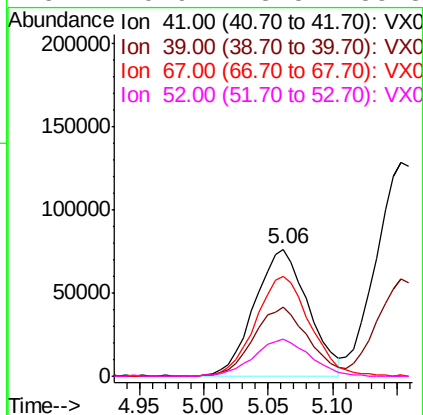
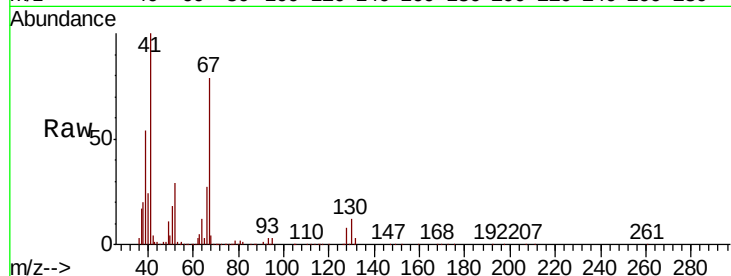
#41
Methacrylonitrile
Concen: 48.905 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		219499		
39	55.8	44.0	66.0		
67	80.1	61.4	92.0		
52	29.9	23.5	35.3		

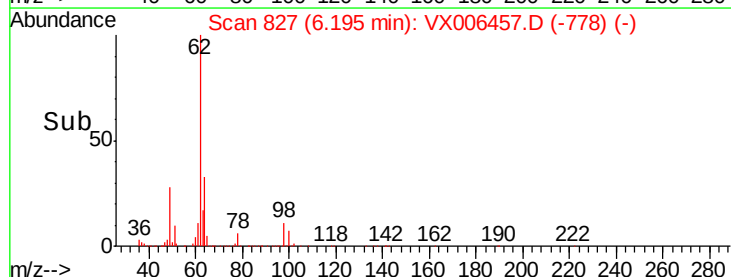
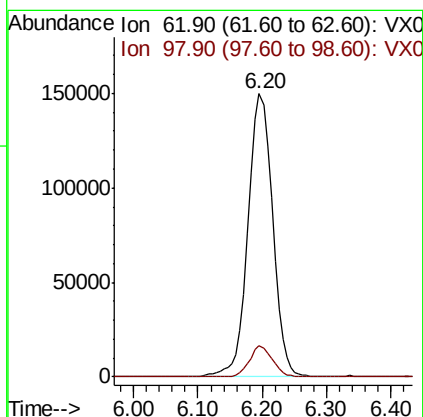
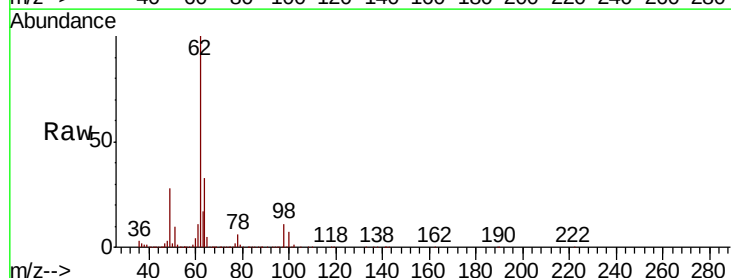
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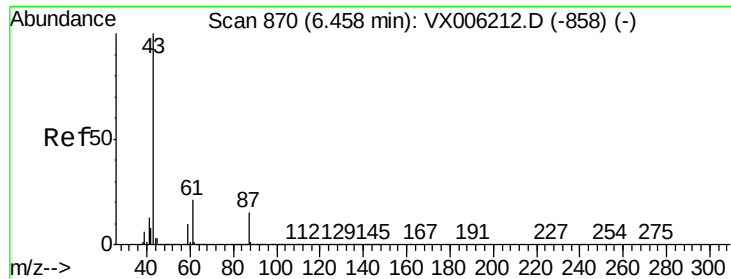
MMDadoda
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#42
1,2-Dichloroethane
Concen: 54.861 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		391692		
98	10.2	0.0	20.2		





#43

Isopropyl Acetate

Concen: 47.091 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

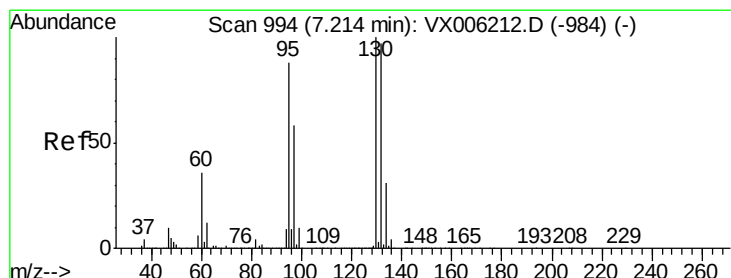
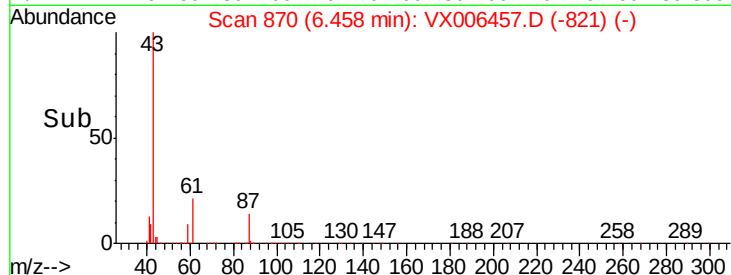
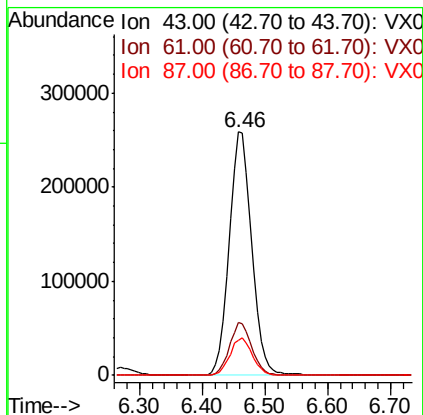
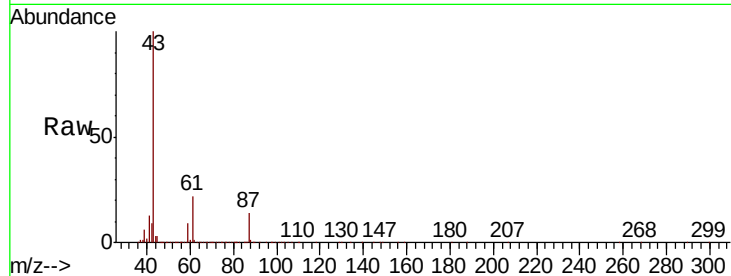
ClientSampleId :

BP-TT-SW4002-20181211MS

Tot Ion:	43	Resp:	640423
Ion	Ratio	Lower	Upper
43	100		
61	21.5	16.8	25.2
87	15.2	11.9	17.9

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#44

Trichloroethene

Concen: 52.357 ug/l

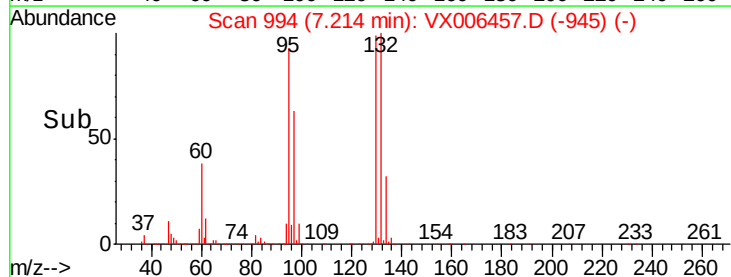
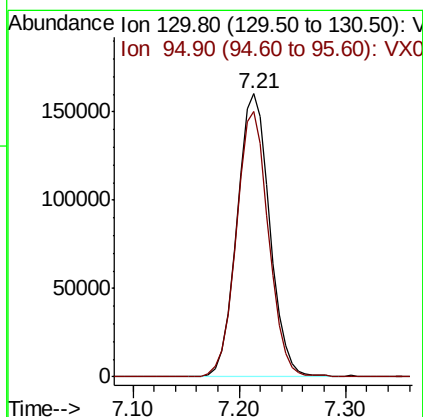
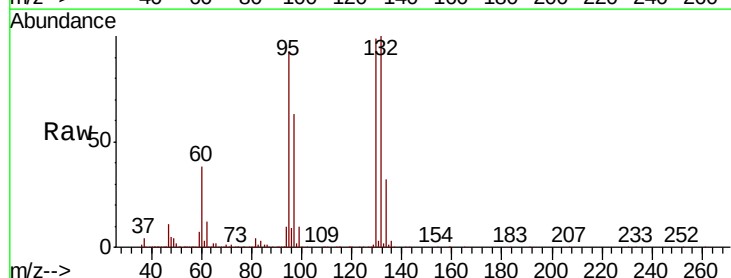
RT: 7.21 min Scan# 994

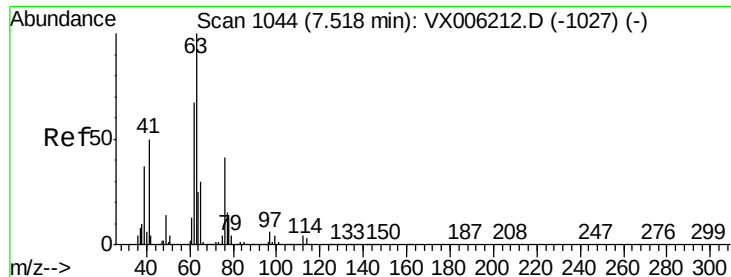
Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Tgt Ion:	130	Resp:	346015
Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	175.8





#45

1,2-Dichloropropane

Concen: 52.236 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MS

Tot Ion: 63 Resp: 289620

Ion Ratio Lower Upper

63 100

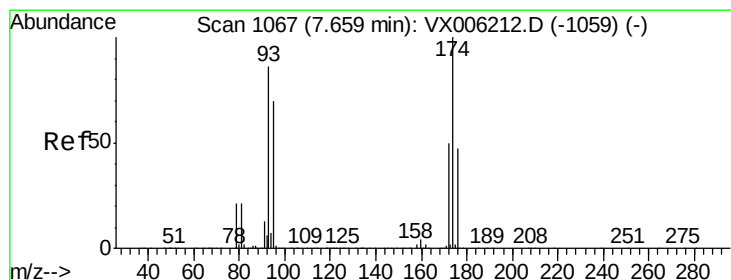
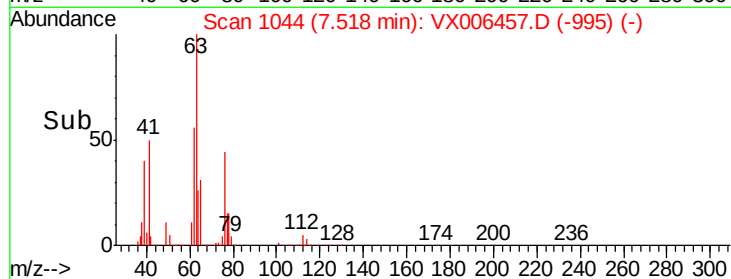
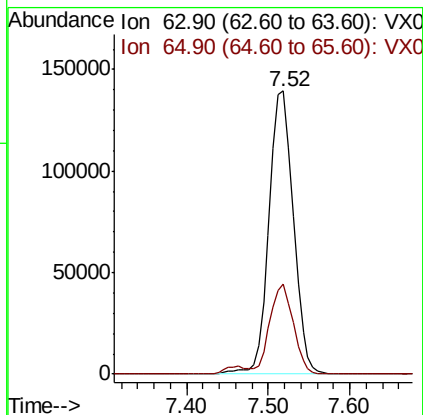
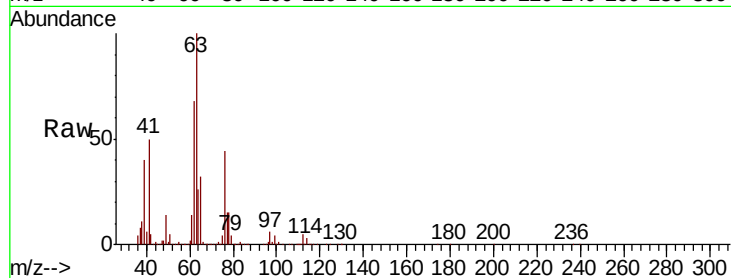
65 31.8 24.3 36.5

Manual Integrations

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#46

Dibromomethane

Concen: 53.536 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

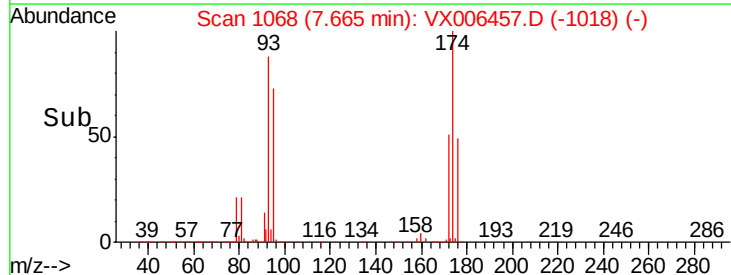
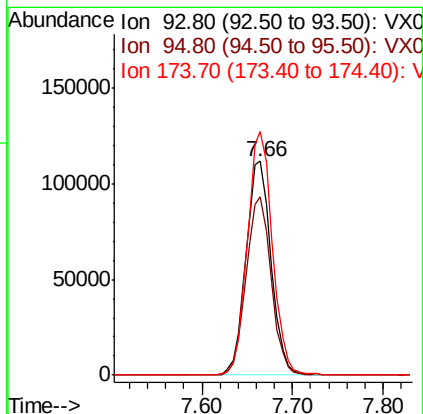
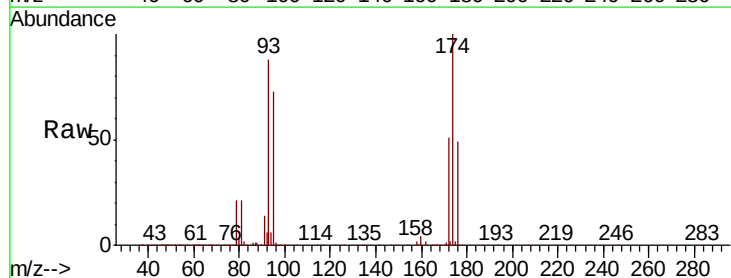
Tgt Ion: 93 Resp: 214374

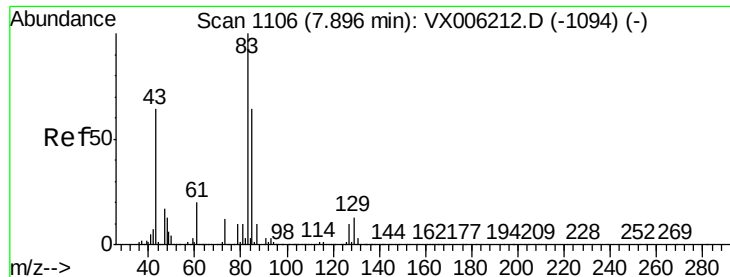
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

174 113.6 97.2 145.8





#47

Bromodichloromethane

Concen: 49.524 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

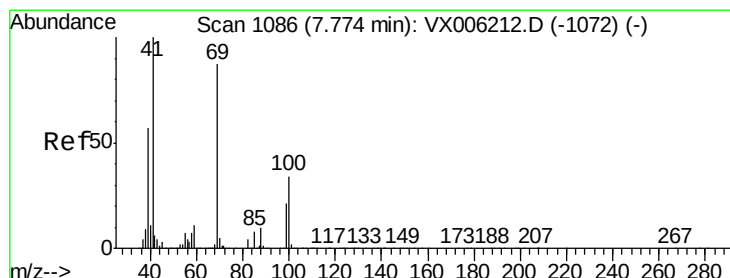
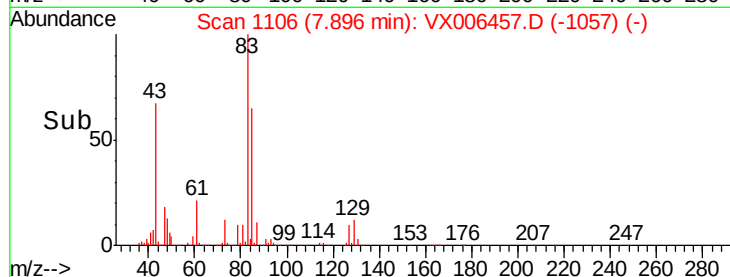
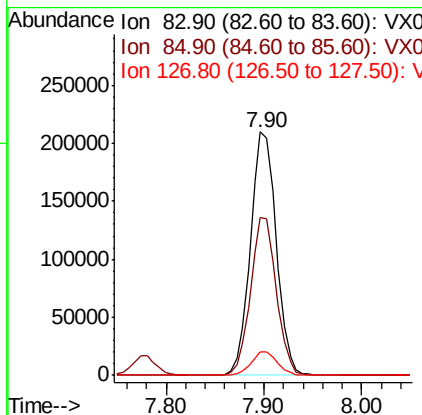
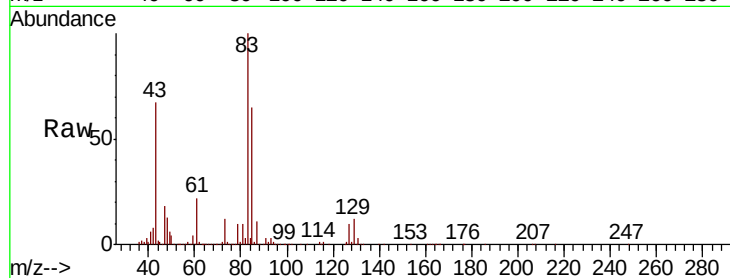
ClientSampleId :

BP-TT-SW4002-20181211MS

Tot Ion:	83	Resp:	384030
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.4	77.0
127	9.6	7.9	11.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.083 ug/l

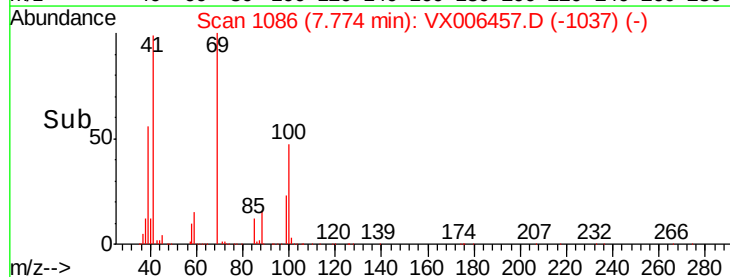
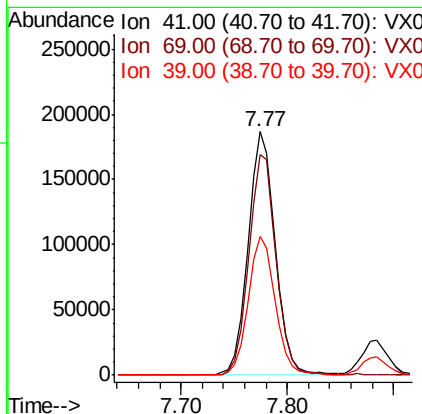
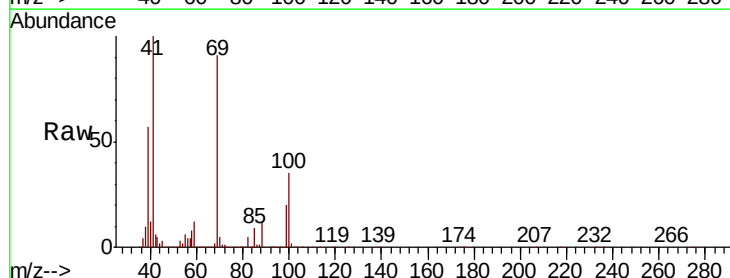
RT: 7.77 min Scan# 1086

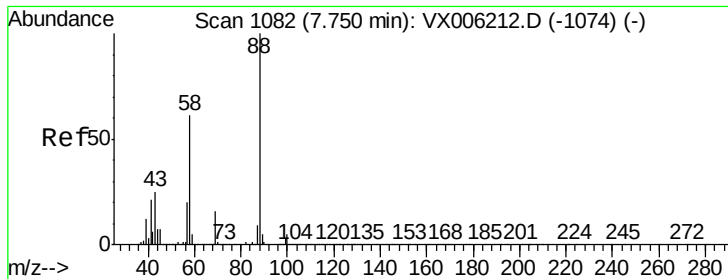
Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Tgt Ion:	41	Resp:	331350
Ion Ratio	Lower	Upper	
41	100		
69	91.4	70.3	105.5
39	56.8	45.3	67.9





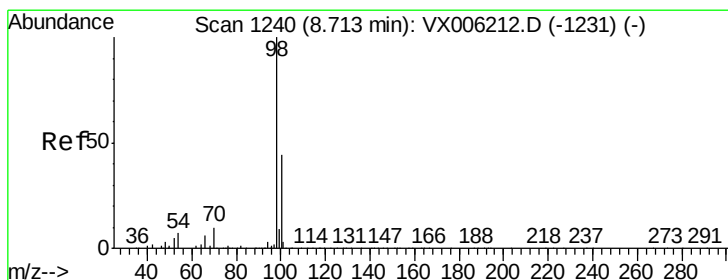
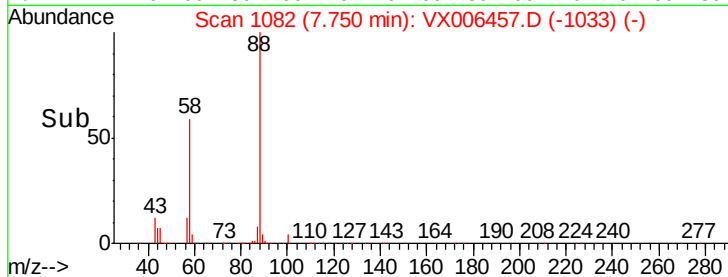
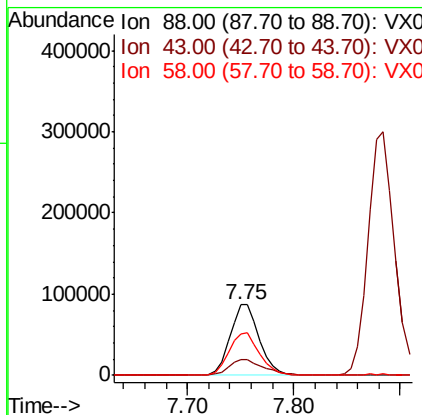
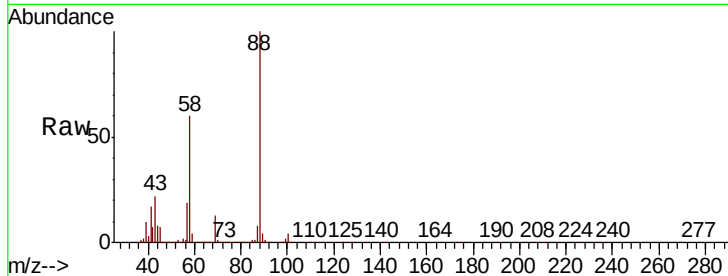
#49
1,4-Dioxane
Concen: 1024.732 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.6	23.2	34.8
58	63.3	51.4	77.0

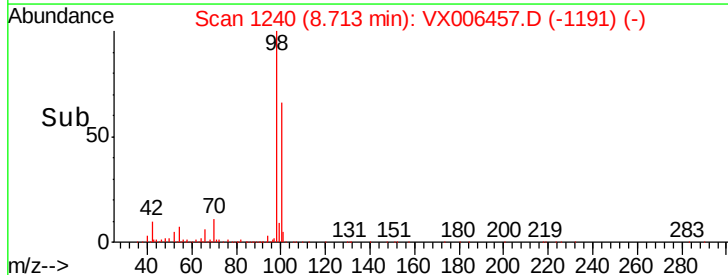
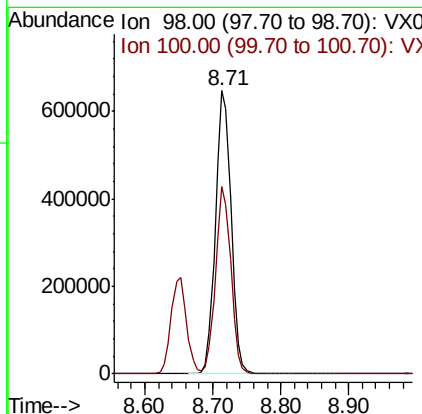
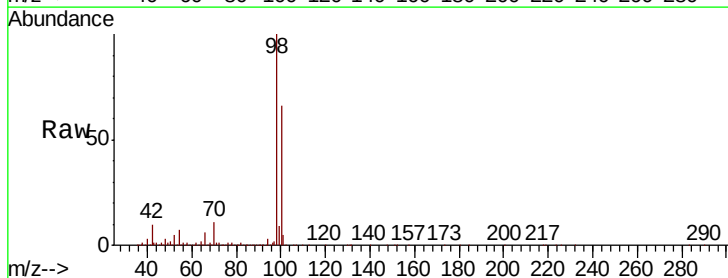
Manual Integrations
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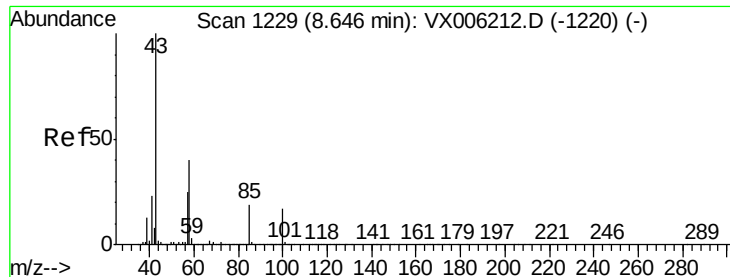
MMDadoda
12/13/2018 11:05:11 AM



#50
Toluene-d8
Concen: 50.717 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 252.281 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MS

Tot Ion: 43 Resp: 1997302

Ion Ratio Lower Upper

43 100

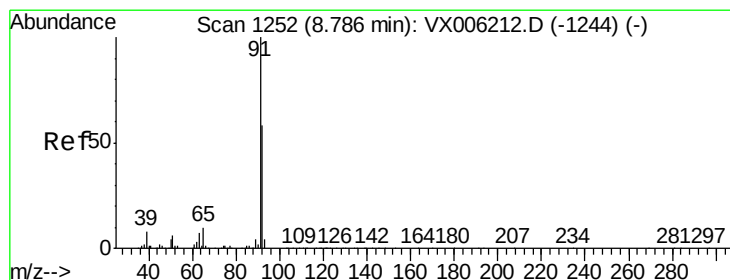
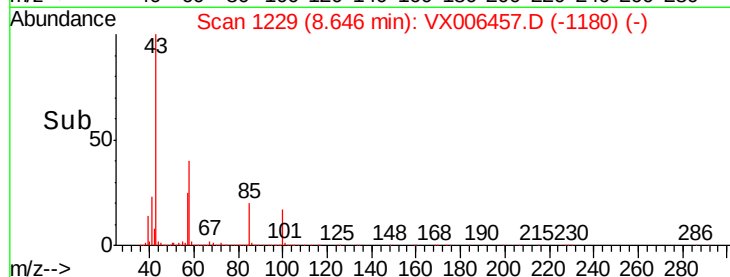
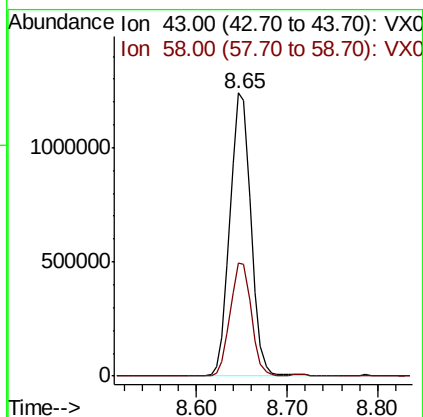
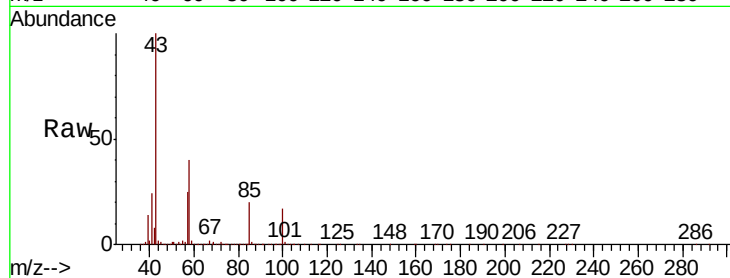
58 40.0 31.3 46.9

Manual Integrations

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#52

Toluene

Concen: 54.909 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006457.D

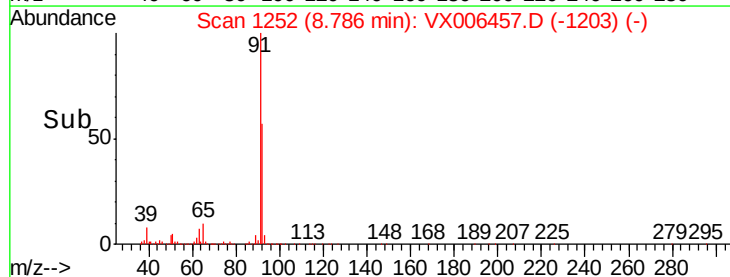
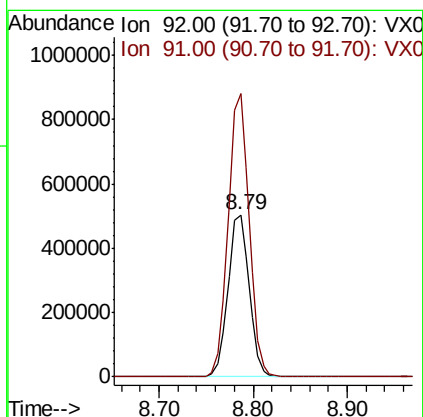
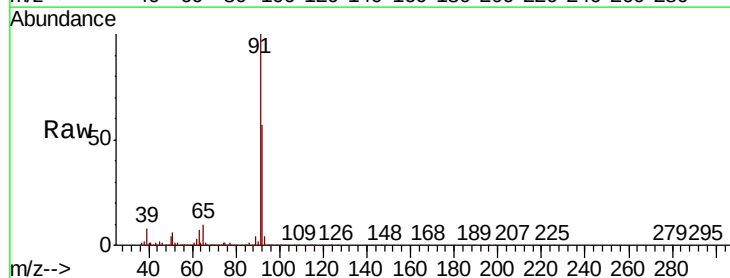
Acq: 12 Dec 2018 20:39

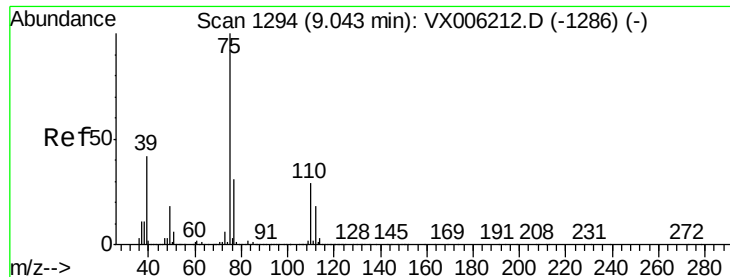
Tgt Ion: 92 Resp: 788058

Ion Ratio Lower Upper

92 100

91 173.3 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 46.220 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MS

Tot Ion: 75 Resp: 419159

Ion Ratio Lower Upper

75 100

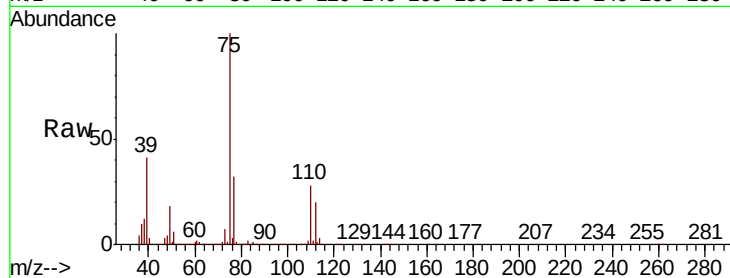
77 32.0 25.0 37.4

Manual Integrations

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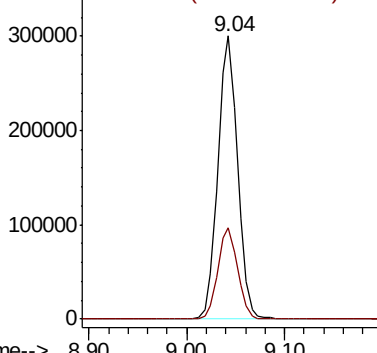
MMDadoda

12/13/2018 11:05:11 AM

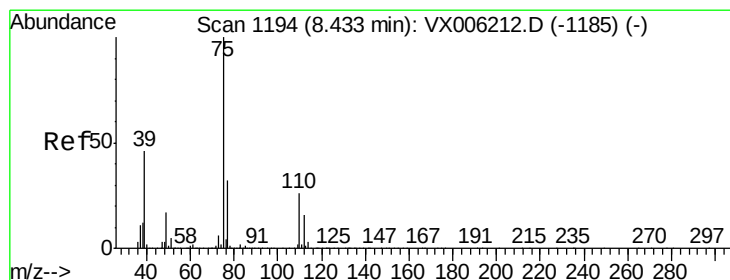
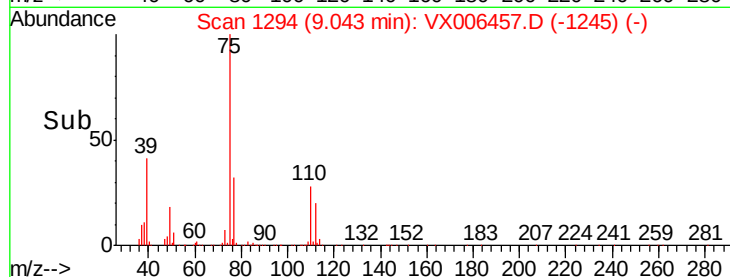


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 48.542 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

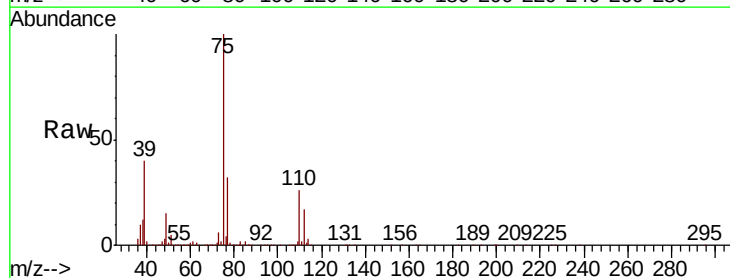
Tgt Ion: 75 Resp: 457119

Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

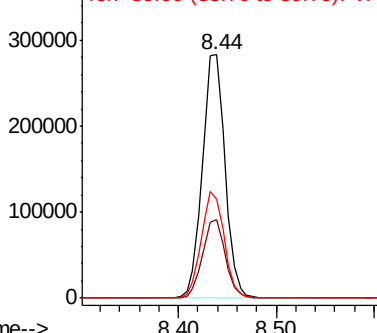
39 40.4 36.5 54.7



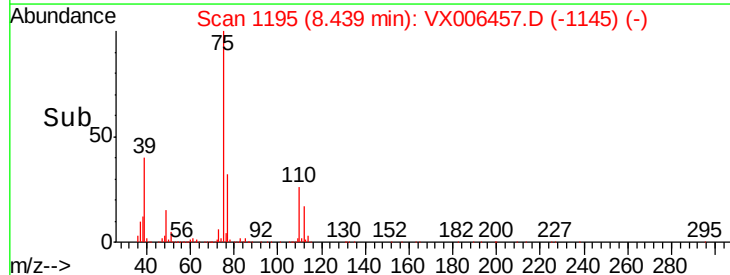
Abundance Ion 74.90 (74.60 to 75.60): VX0

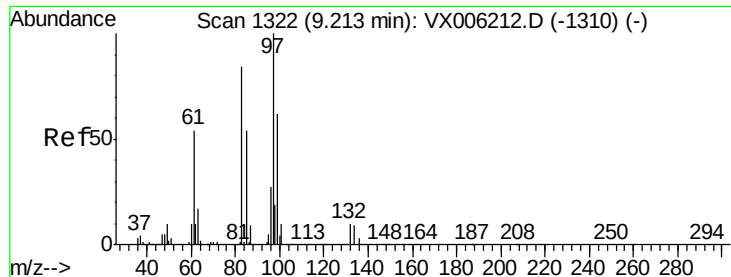
Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time--> 8.40 8.50





#55

1,1,2-Trichloroethane

Concen: 54.873 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

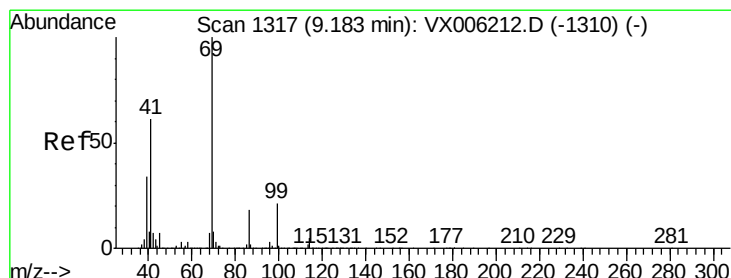
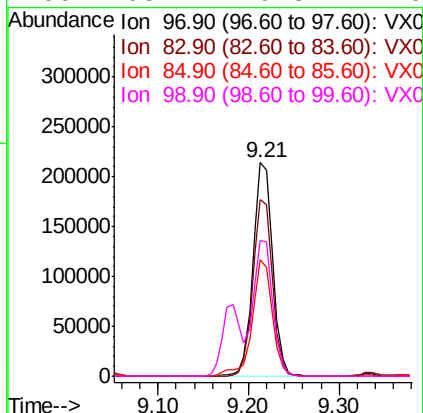
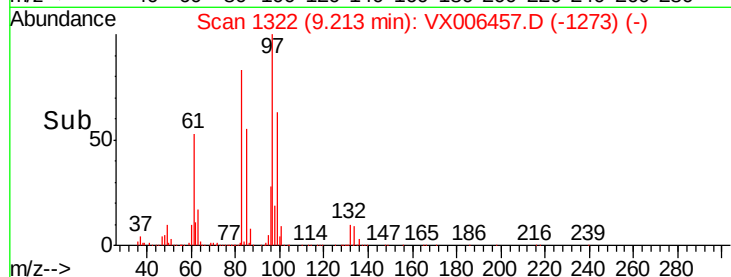
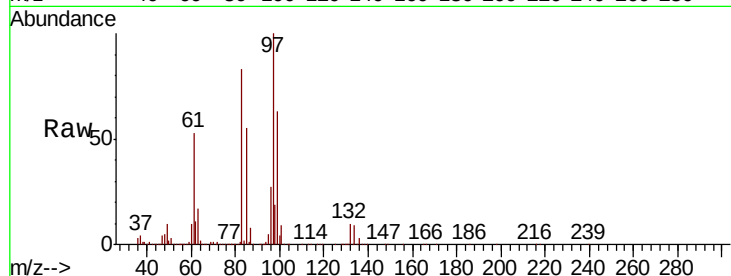
ClientSampleId :

BP-TT-SW4002-20181211MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		319946		
83	82.7	67.1	100.7		
85	54.5	43.2	64.8		
99	63.4	49.8	74.6		

Manual Integrations
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#56

Ethyl methacrylate

Concen: 51.779 ug/l

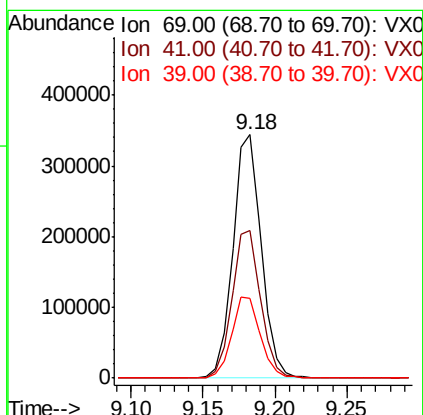
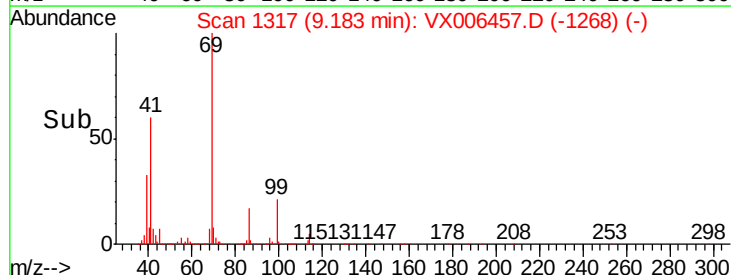
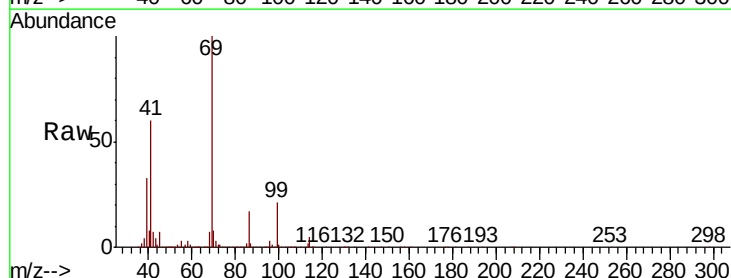
RT: 9.18 min Scan# 1317

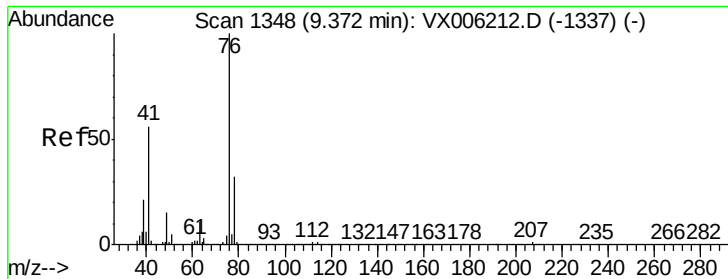
Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		471975		
41	61.0	50.6	76.0		
39	33.6	27.6	41.4		





#57

1,3-Dichloropropane

Concen: 54.582 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MS

Tot Ion: 76 Resp: 503250

Ion Ratio Lower Upper

76 100

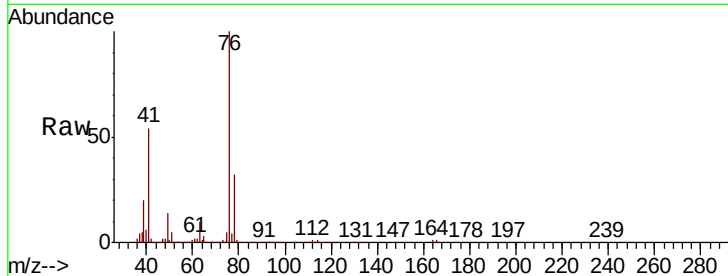
78 32.3 26.1 39.1

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

400000

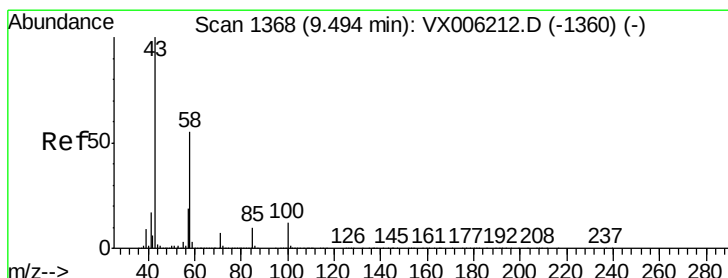
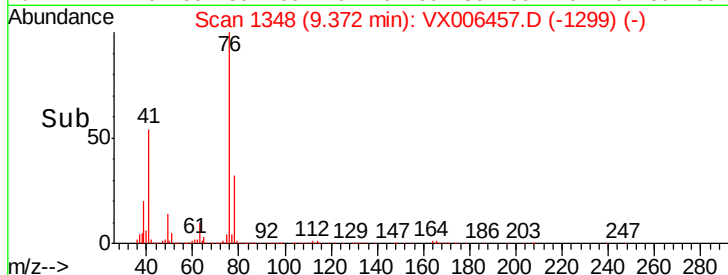
300000

200000

100000

0

Time-->



#59

2-Hexanone

Concen: 247.203 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX006457.D

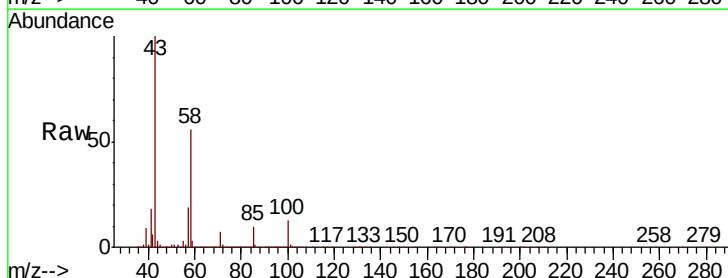
Acq: 12 Dec 2018 20:39

Tgt Ion: 43 Resp: 1495229

Ion Ratio Lower Upper

43 100

58 56.6 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

1200000

1000000

800000

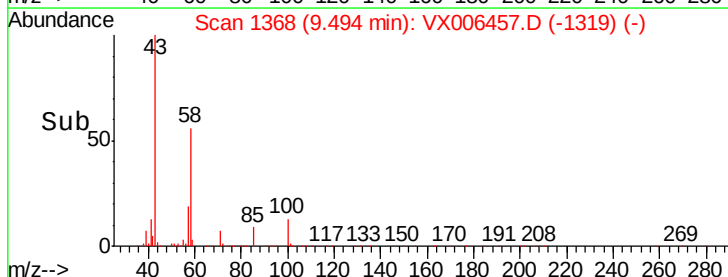
600000

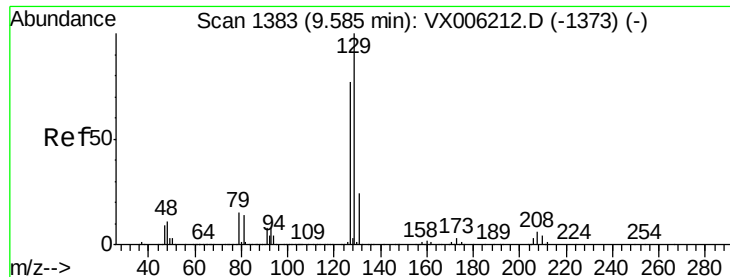
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 47.988 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MS

Tot Ion:129 Resp: 345022

Ion Ratio Lower Upper

129 100

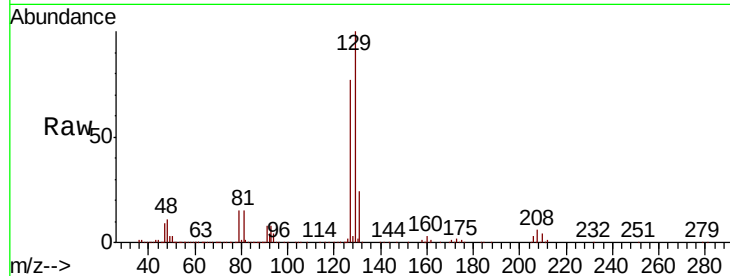
127 77.3 38.6 115.8

Manual Integrations

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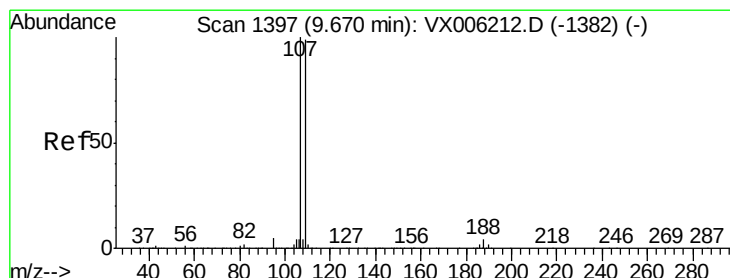
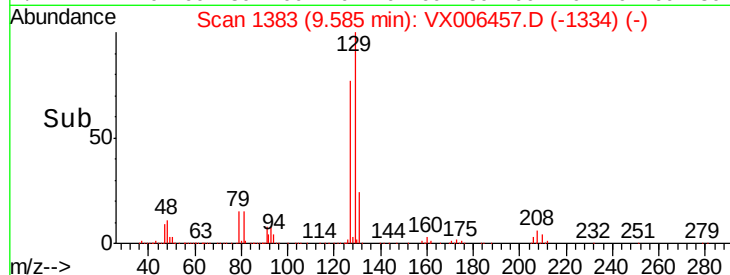
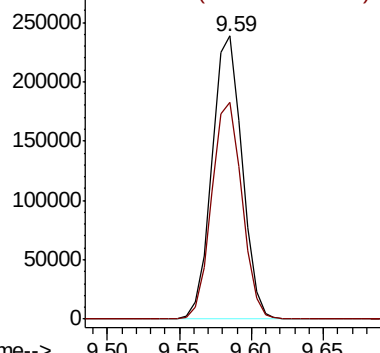
MMDadoda

12/13/2018 11:05:11 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 53.299 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006457.D

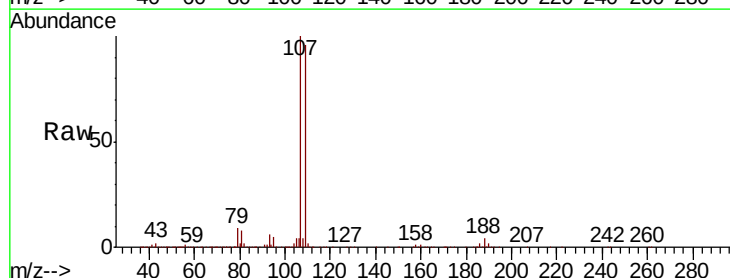
Acq: 12 Dec 2018 20:39

Tgt Ion:107 Resp: 347486

Ion Ratio Lower Upper

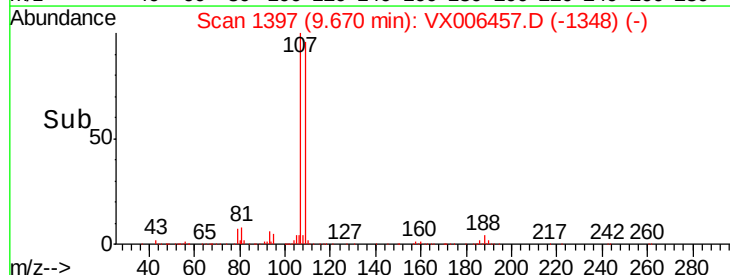
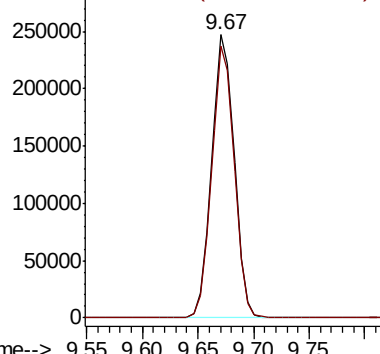
107 100

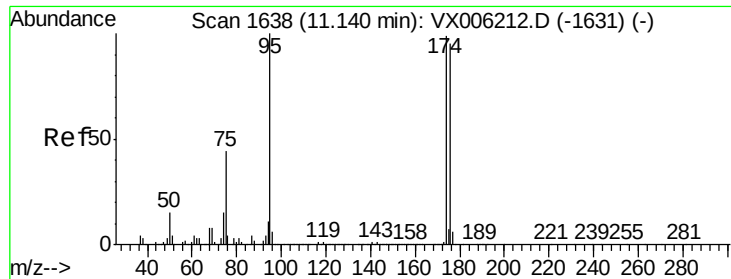
109 95.9 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





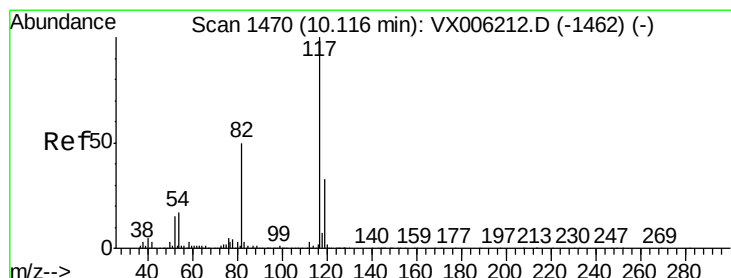
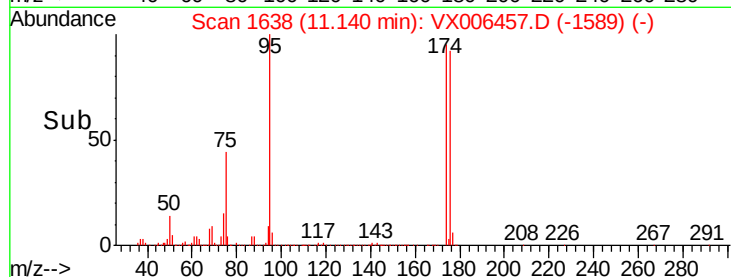
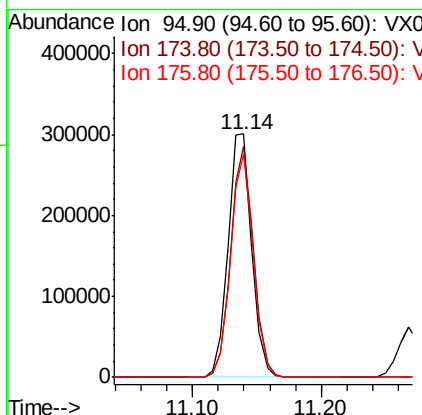
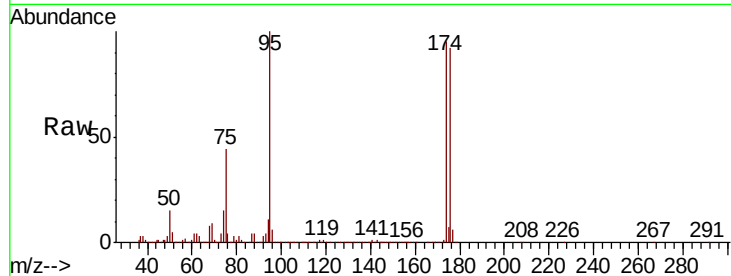
#62
4-Bromofluorobenzene
Concen: 50.709 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	389242		
174	90.8	0.0	187.0	
176	87.7	0.0	181.8	

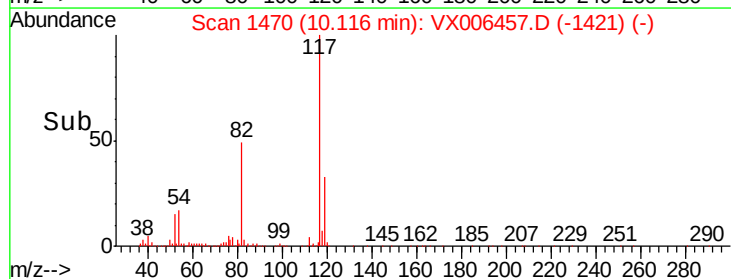
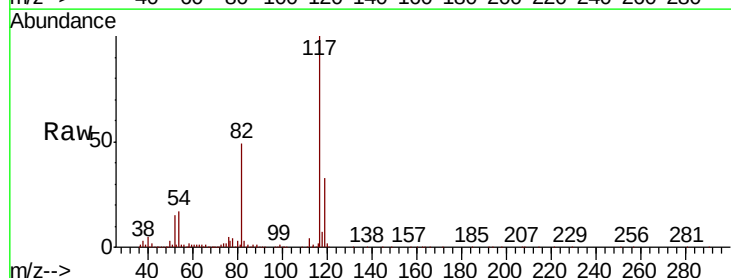
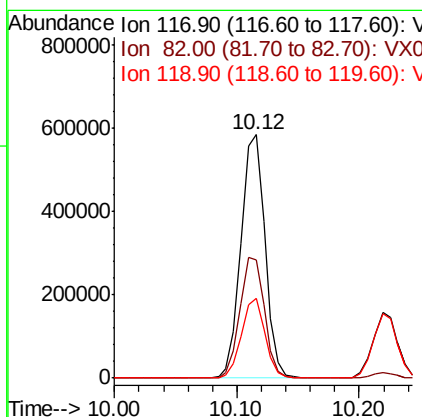
Manual Integrations
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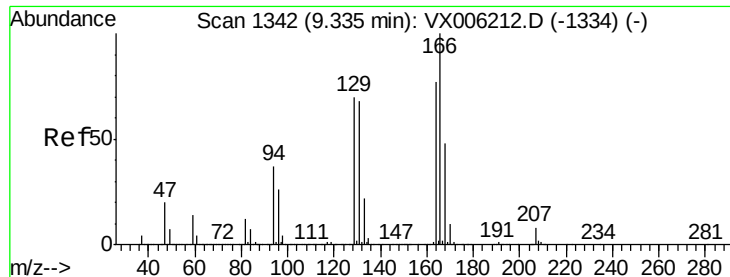
MMDadoda
12/13/2018 11:05:11 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	796864		
82	48.7	39.6	59.4	
119	32.8	26.3	39.5	





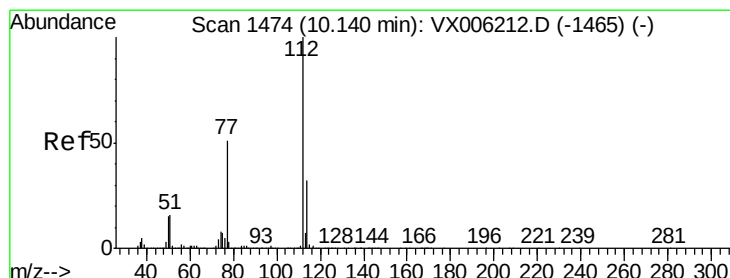
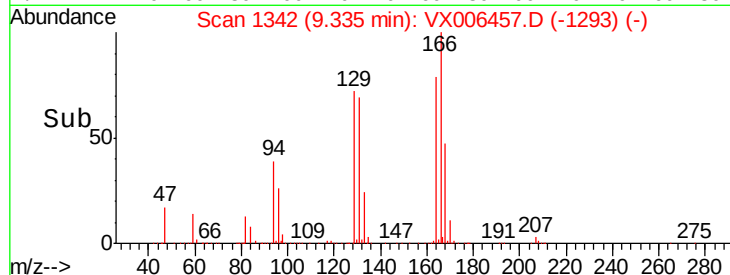
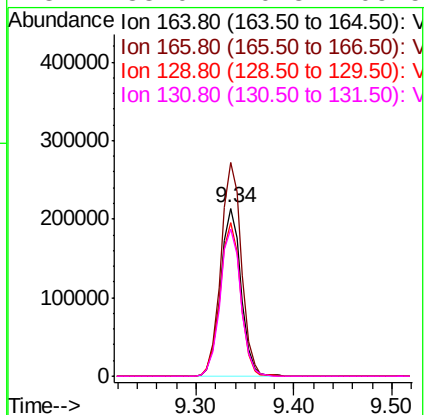
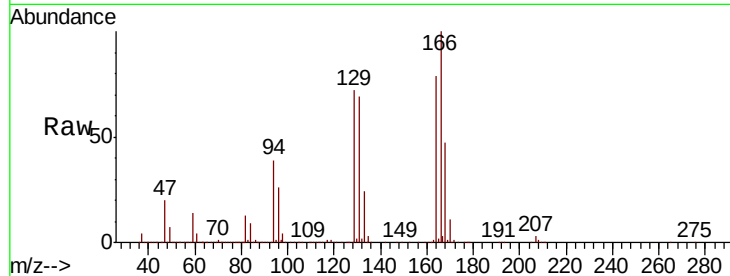
#64
Tetrachloroethene
Concen: 51.733 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.3	104.2	156.2
129	91.3	72.6	108.8
131	88.0	70.3	105.5

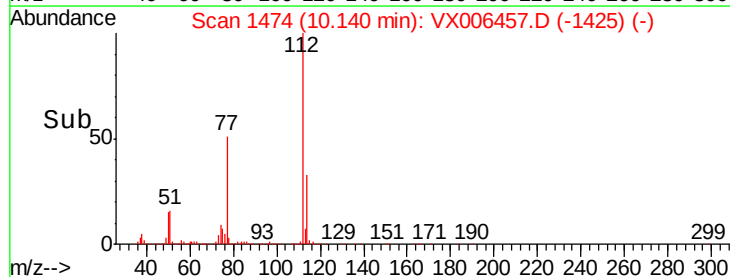
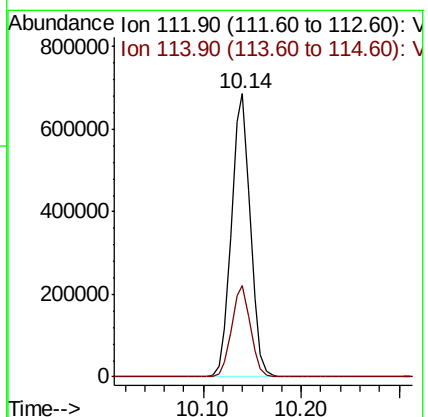
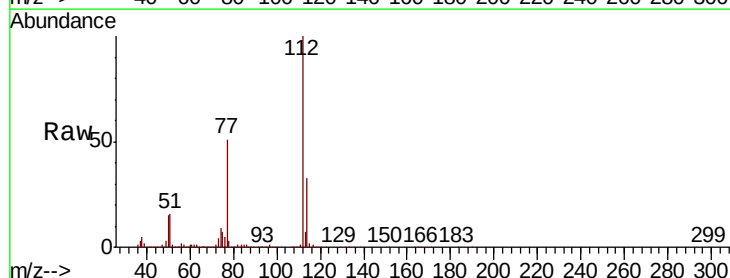
Manual Integrations
APPROVED

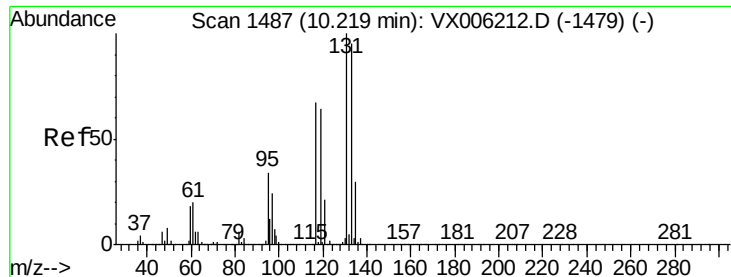
MMDadoda
12/13/2018 11:05:11 AM



#65
Chlorobenzene
Concen: 54.178 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.4	38.2





#66

1,1,1,2-Tetrachloroethane

Concen: 50.101 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

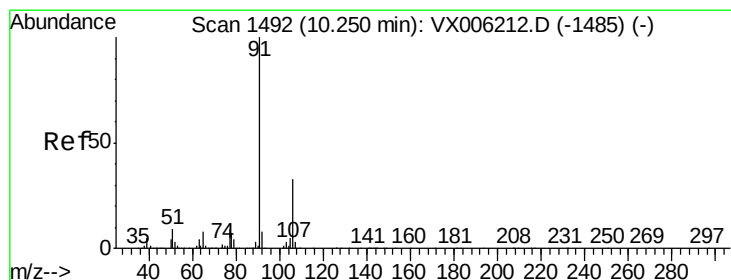
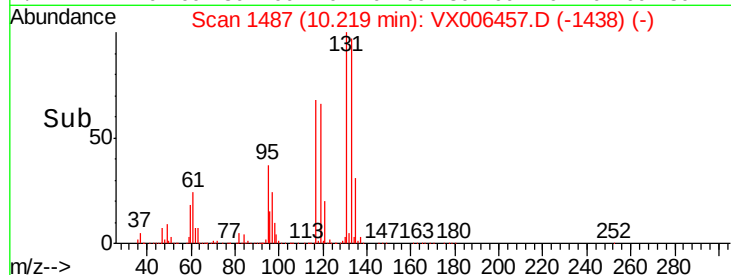
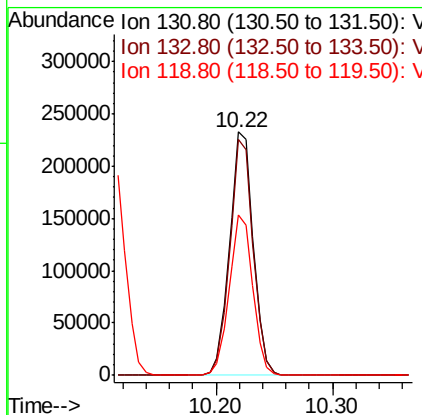
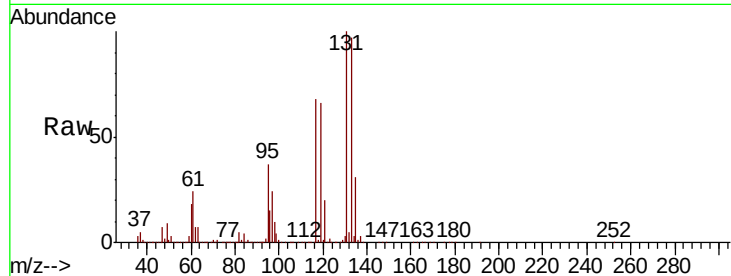
ClientSampleId :

BP-TT-SW4002-20181211MS

Tot Ion:	131	Resp:	329283
Ion Ratio	Lower	Upper	
131	100		
133	95.7	48.1	144.4
119	65.4	32.1	96.3

Manual Integrations
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#67

Ethyl Benzene

Concen: 53.567 ug/l

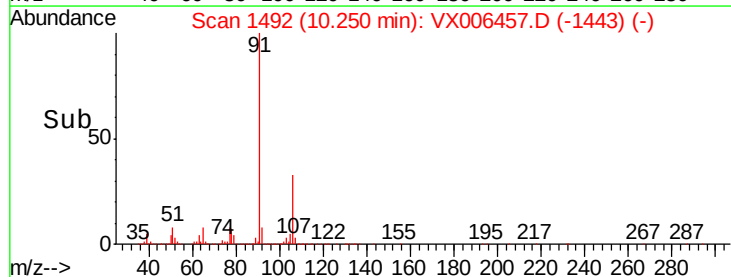
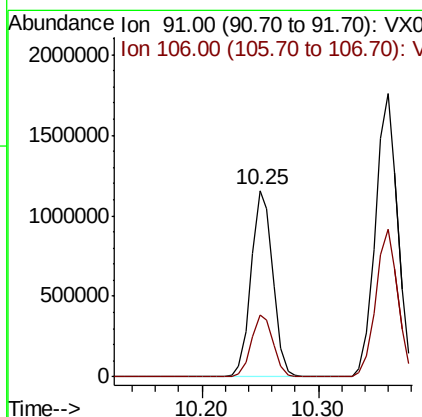
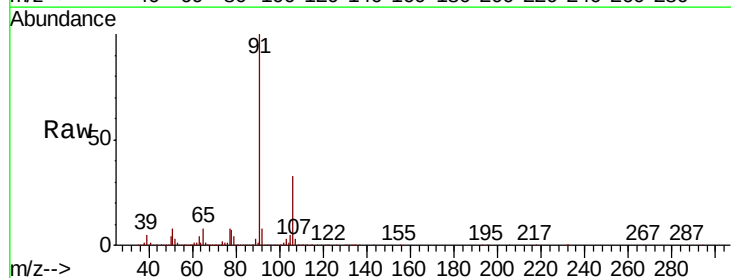
RT: 10.25 min Scan# 1492

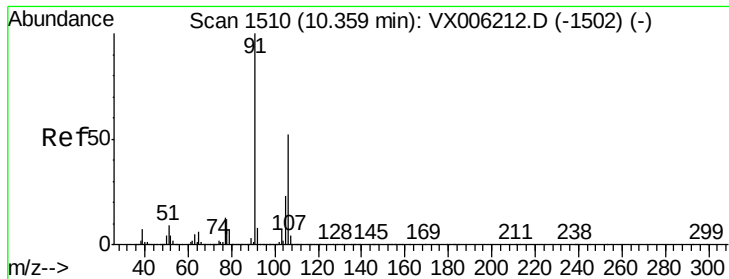
Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Tgt Ion:	91	Resp:	1507047
Ion Ratio	Lower	Upper	
91	100		
106	33.0	26.5	39.7





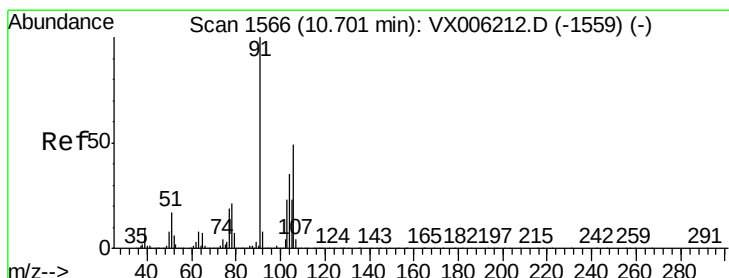
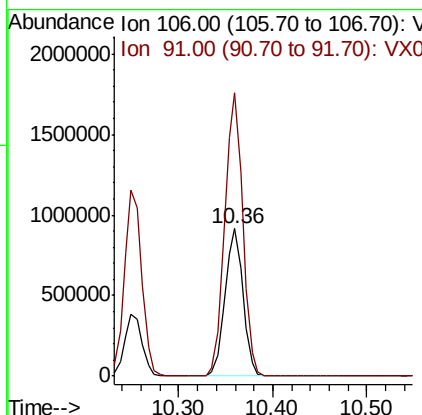
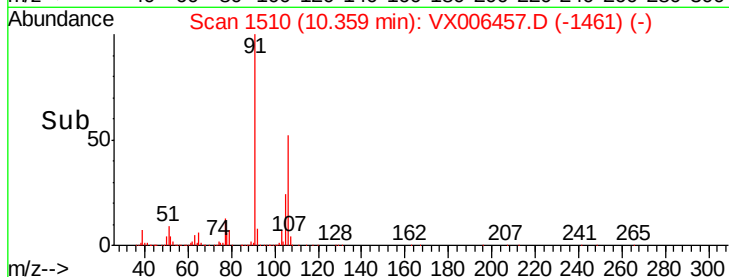
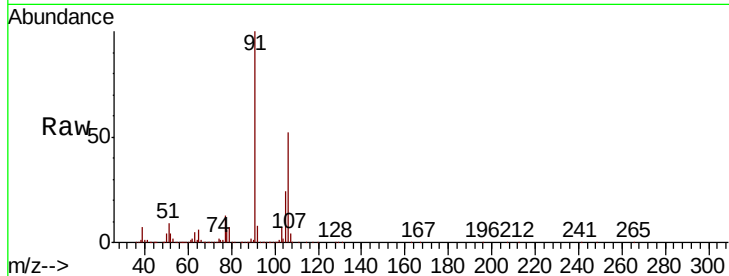
#68
m/p-Xylenes
Concen: 106.844 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

Tot Ion:106 Resp: 1204098
Ion Ratio Lower Upper
106 100
91 193.0 155.2 232.8

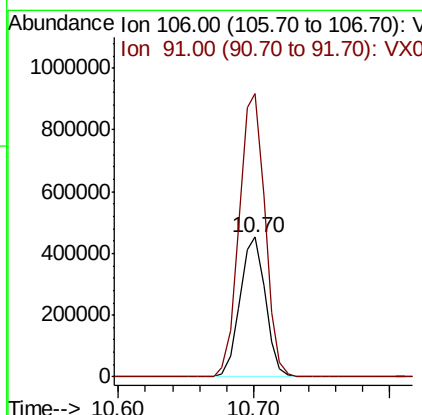
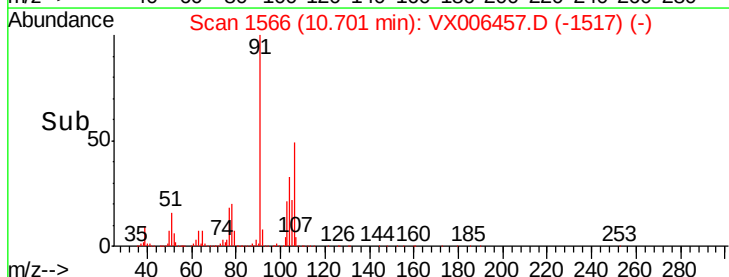
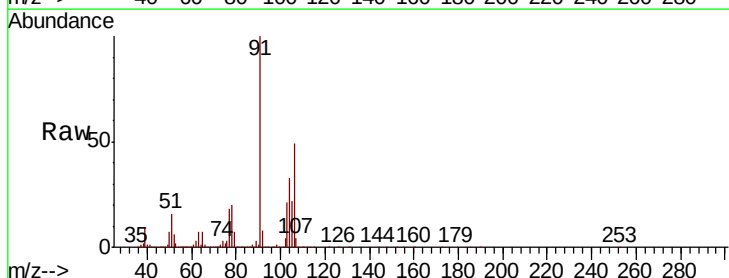
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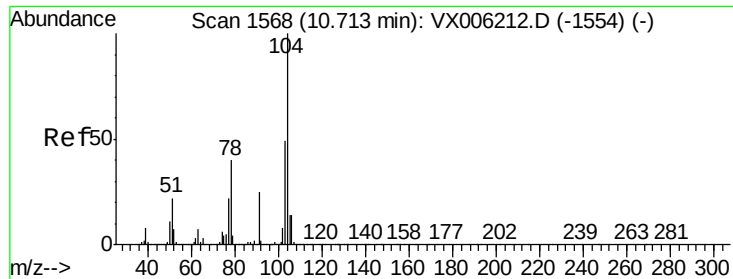
MMDadoda
12/13/2018 11:05:11 AM



#69
o-Xylene
Concen: 53.018 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion:106 Resp: 590191
Ion Ratio Lower Upper
106 100
91 204.9 101.8 305.6





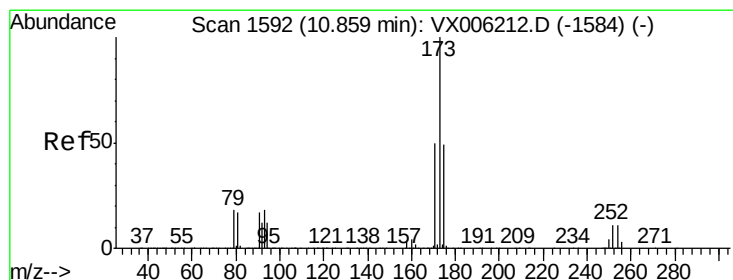
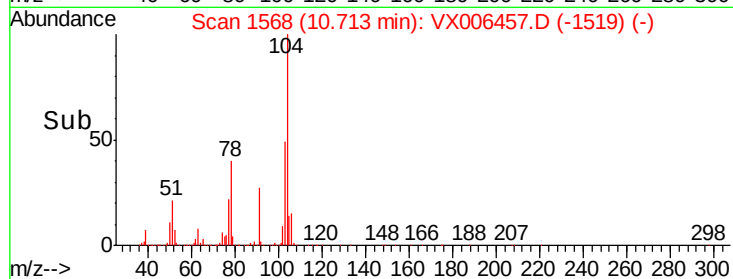
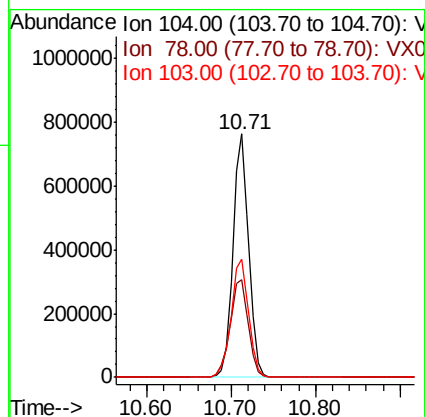
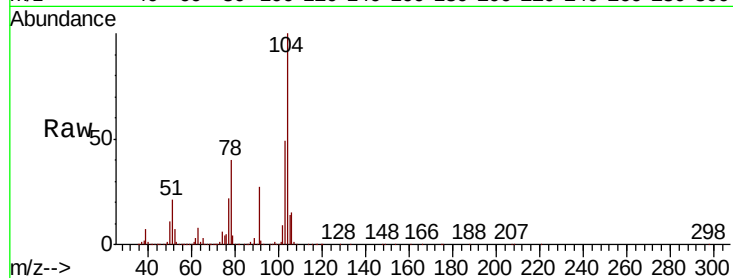
#70
Stvrene
Concen: 52.761 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	46.9	37.2	55.8
103	54.8	43.5	65.3

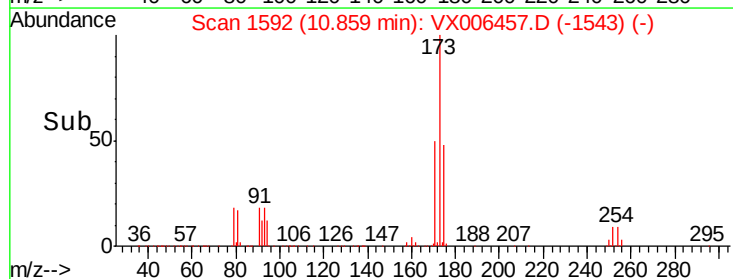
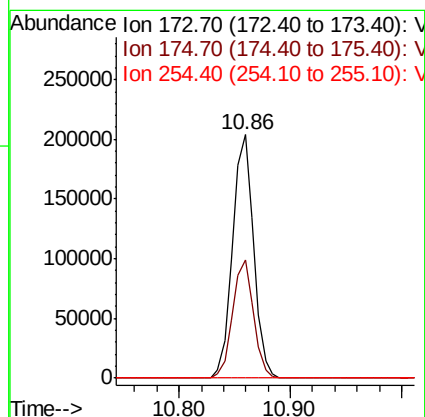
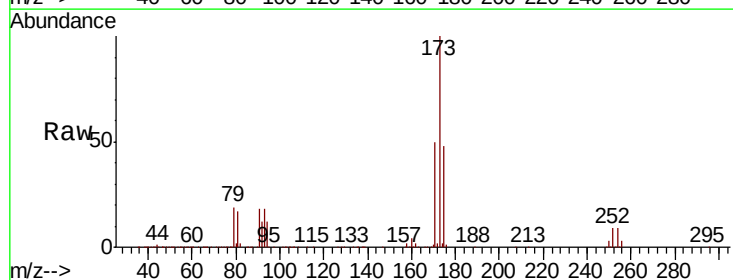
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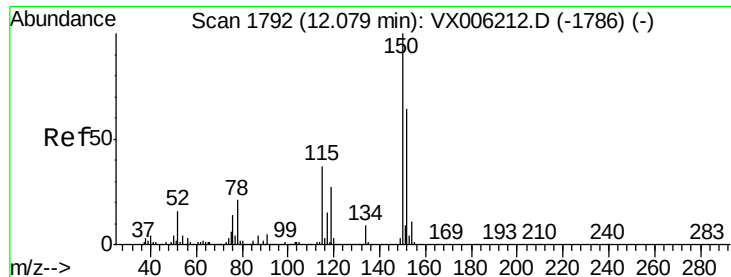
MMDadoda
12/13/2018 11:05:11 AM



#71
Bromoform
Concen: 42.934 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.6	73.8
254	0.2	0.2	0.2#





#72

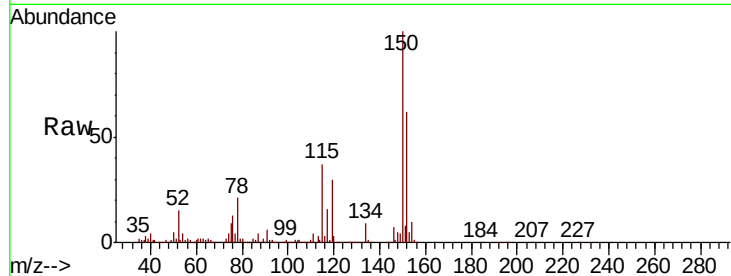
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

Tot Ion	Ratio	Lower	Upper
152	100		
115	80.3	39.0	116.9
150	175.8	0.0	345.8

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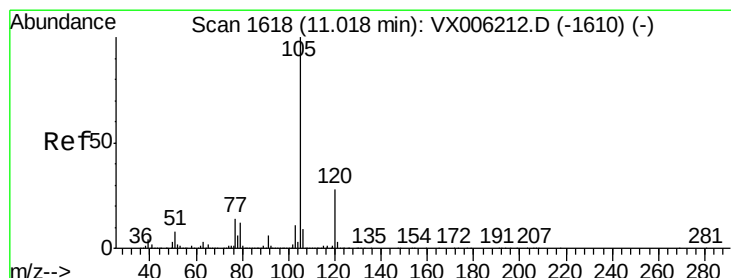
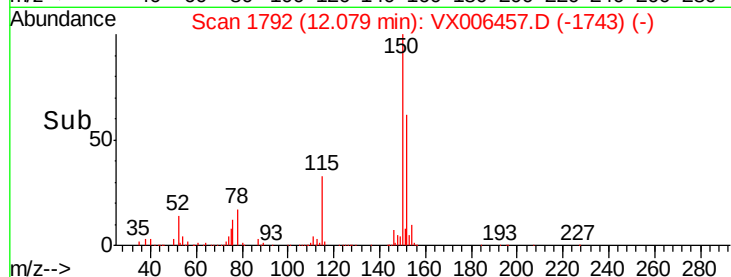
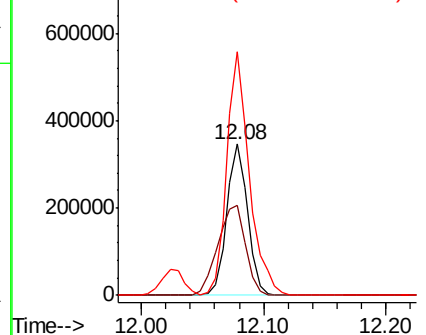


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

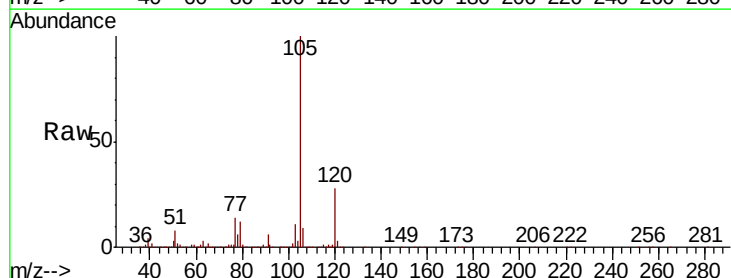
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 55.811 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

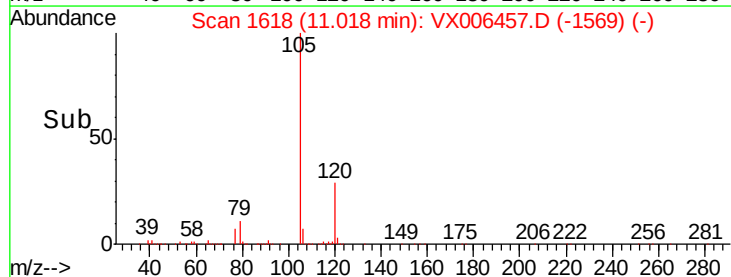
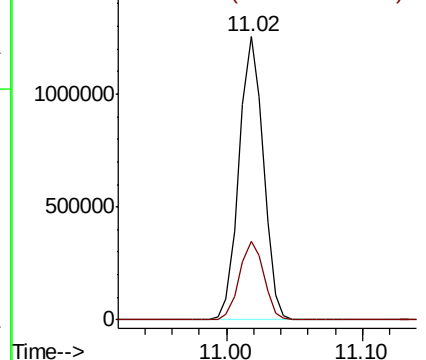
Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.0	14.1	42.3

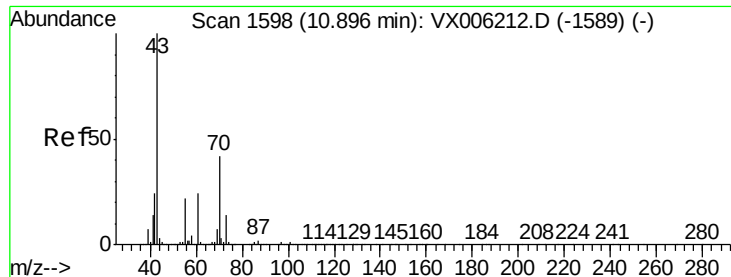


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 45.064 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

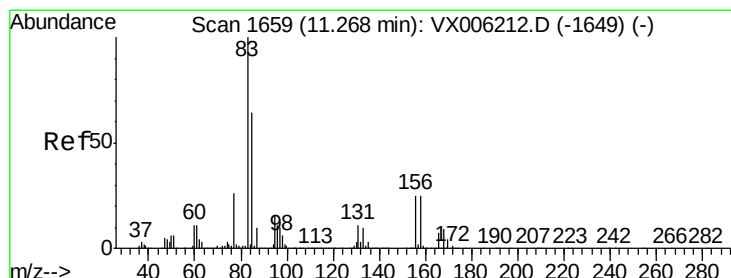
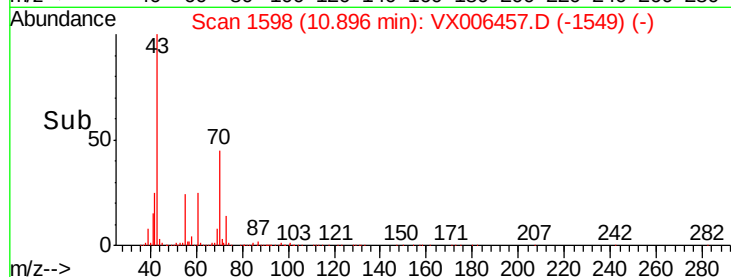
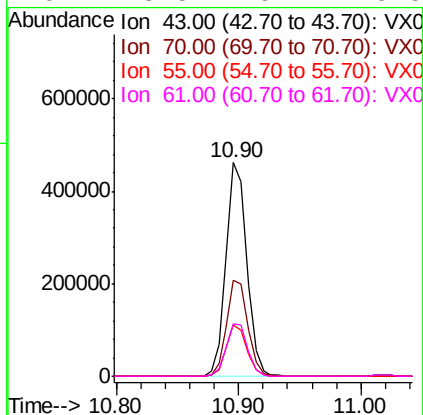
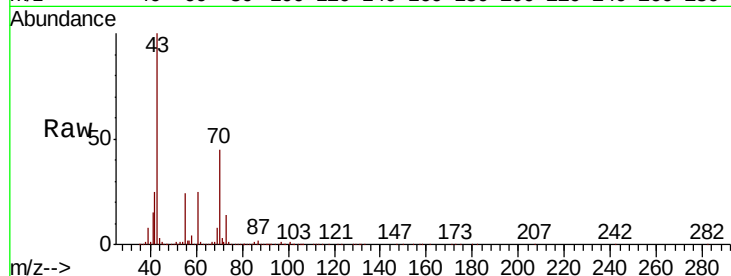
ClientSampleId :

BP-TT-SW4002-20181211MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	45.8	34.1	51.1	
55	23.9	17.8	26.8	
61	25.5	19.7	29.5	

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#75

1,1,2,2-Tetrachloroethane

Concen: 52.450 ug/l

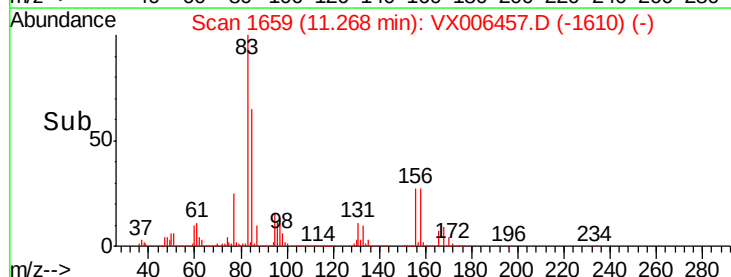
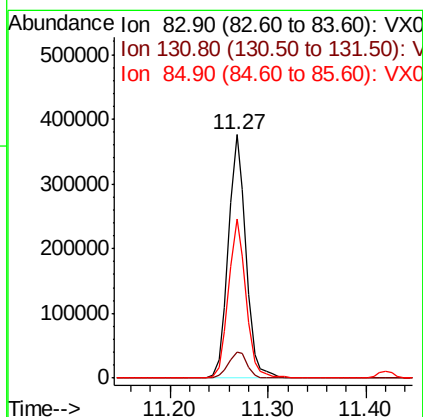
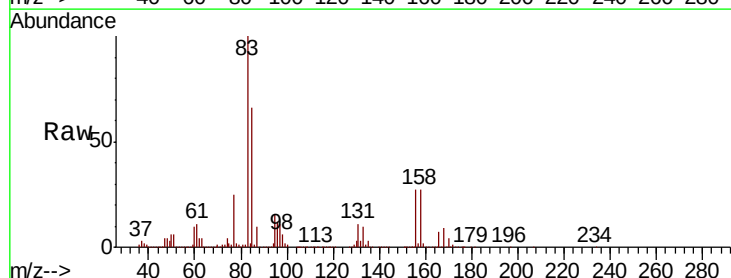
RT: 11.27 min Scan# 1659

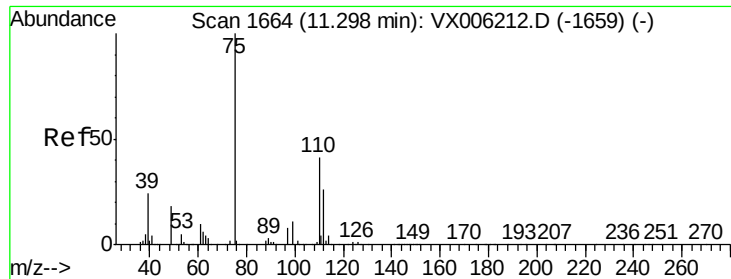
Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	11.4	5.7	17.1	
85	65.0	32.1	96.5	





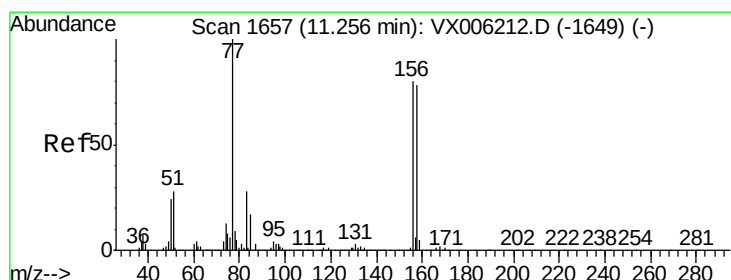
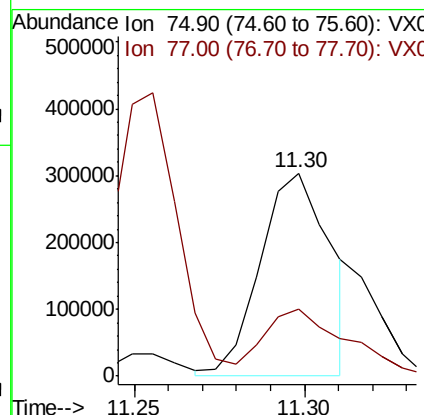
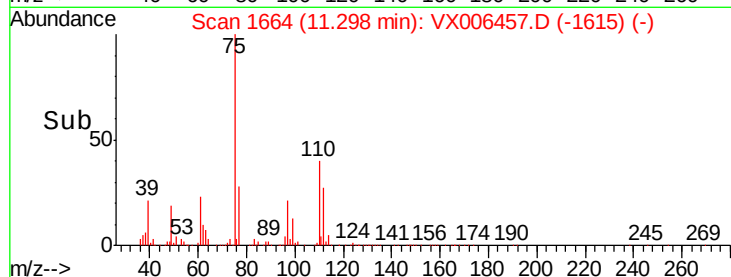
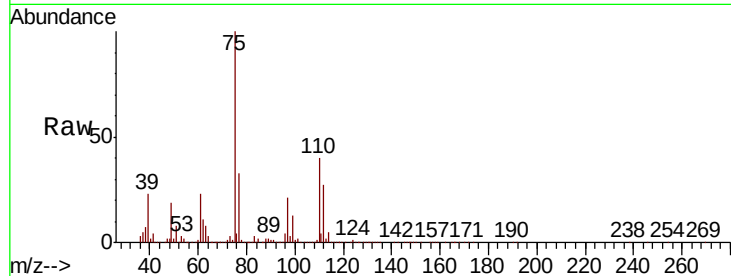
#76
1,2,3-Trichloropropane
Concen: 55.529 ug/l m
RT: 11.30 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

Tot Ion: 75 Resp: 433893
Ion Ratio Lower Upper
75 100
77 38.8 19.9 59.7

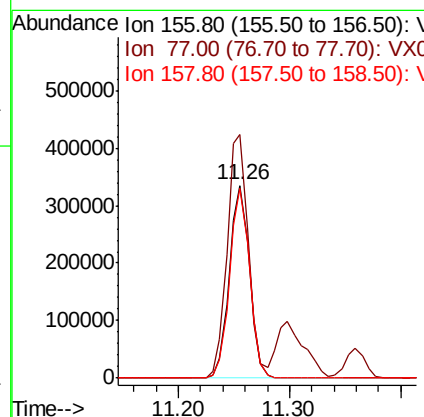
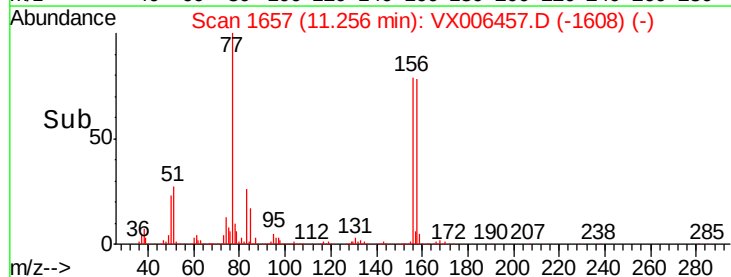
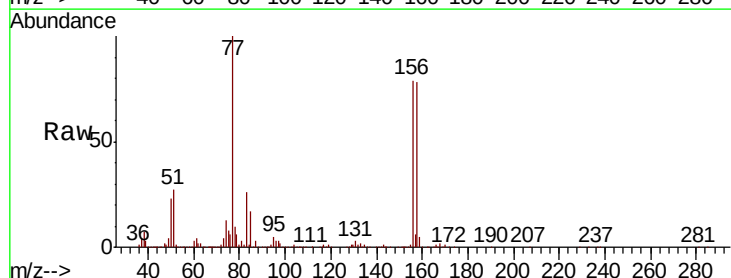
Manual Integrations
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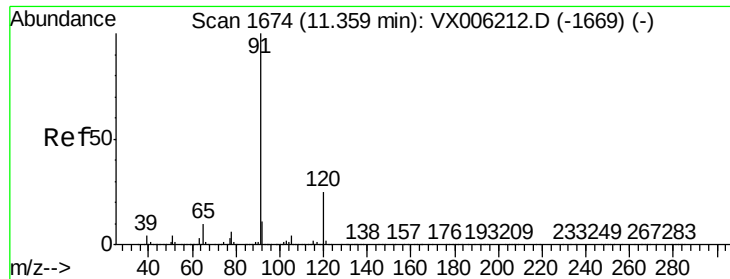
MMDadoda
12/13/2018 11:05:11 AM



#77
Bromobenzene
Concen: 54.221 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion: 156 Resp: 420674
Ion Ratio Lower Upper
156 100
77 132.7 66.2 198.6
158 97.5 48.8 146.4





#78

n-propylbenzene

Concen: 54.975 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MS

Tot Ion: 91 Resp: 1708440

Ion Ratio Lower Upper

91 100

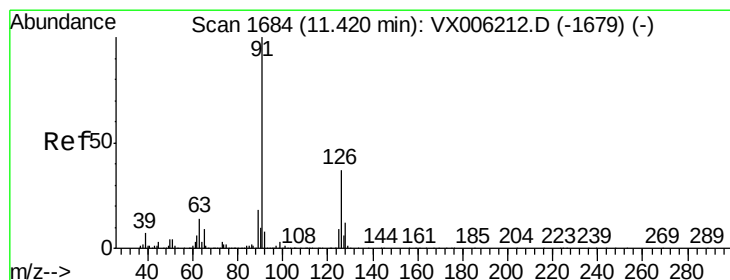
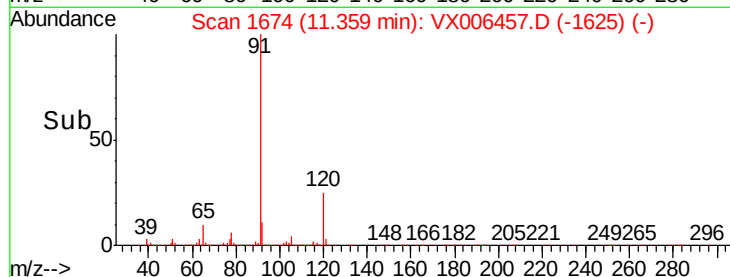
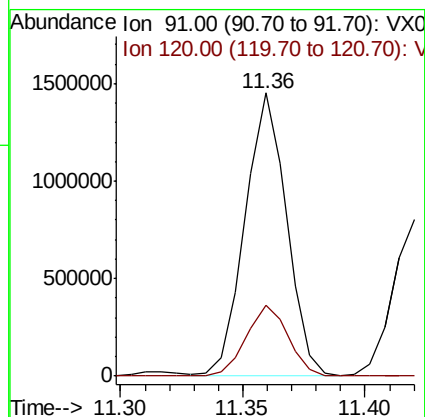
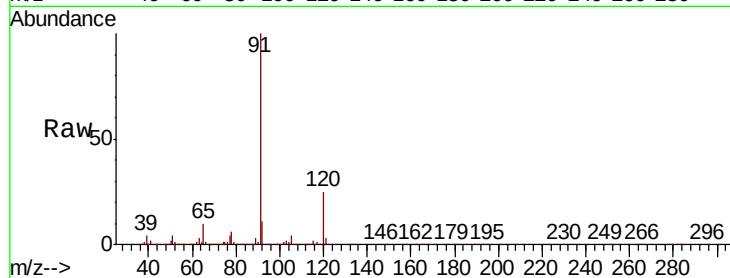
120 25.4 12.7 38.0

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#79

2-Chlorotoluene

Concen: 54.245 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006457.D

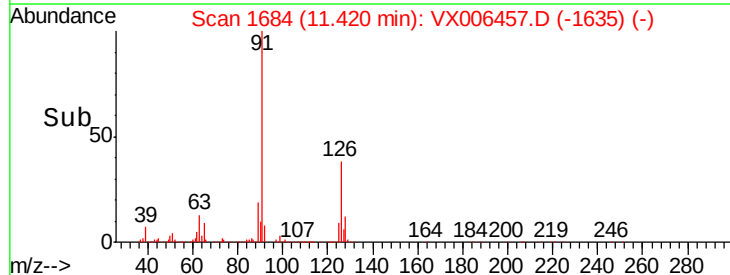
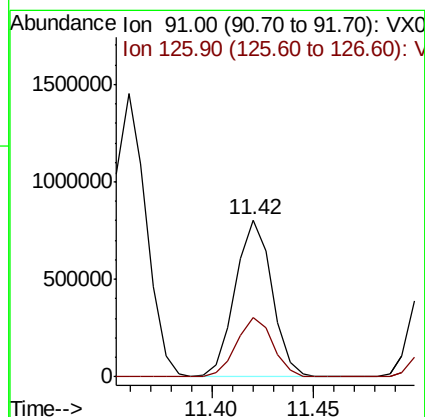
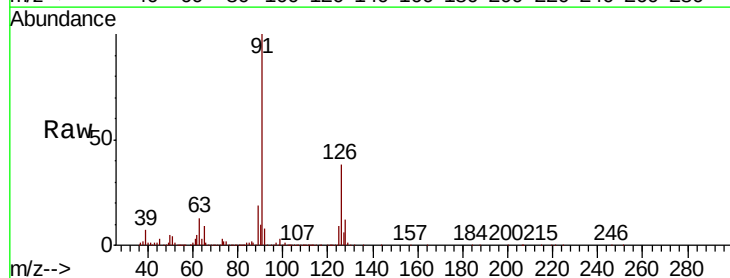
Acq: 12 Dec 2018 20:39

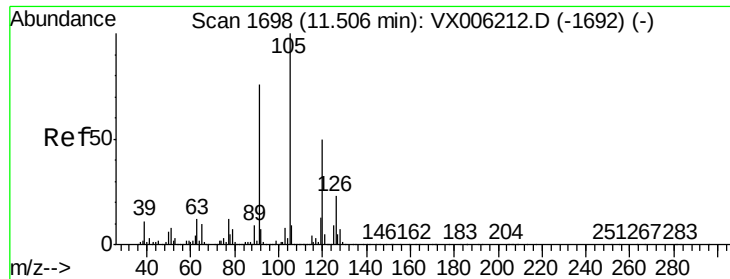
Tgt Ion: 91 Resp: 1001949

Ion Ratio Lower Upper

91 100

126 37.7 18.6 56.0





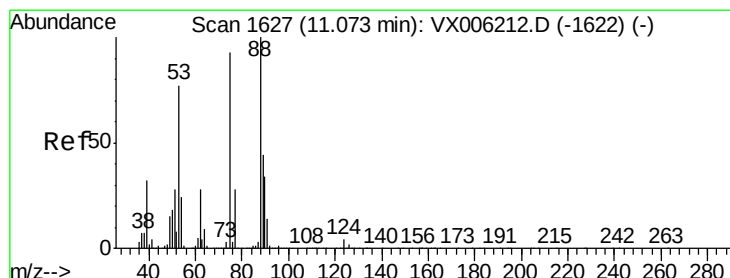
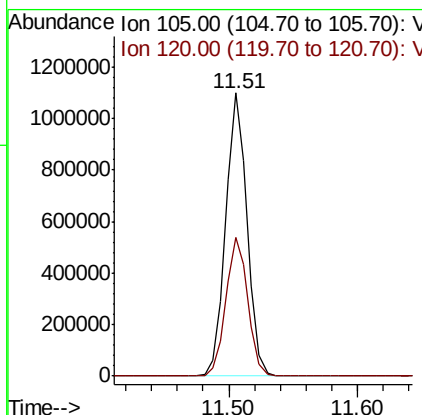
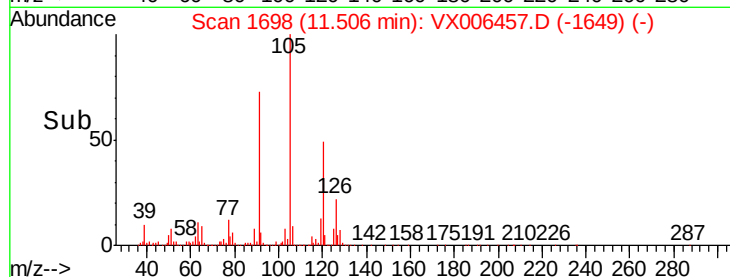
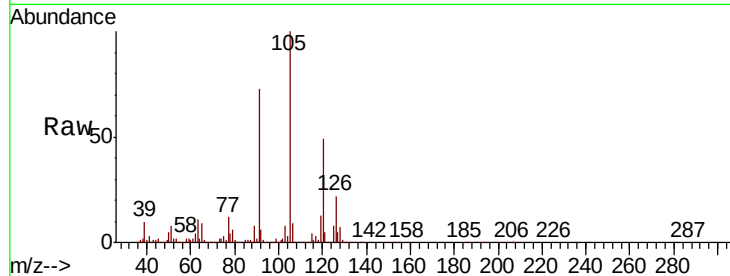
#80
 1,3,5-Trimethylbenzene
 Concen: 55.070 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006457.D
 Acq: 12 Dec 2018 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MS

Tot Ion:105 Resp: 1280963
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.4 76.0

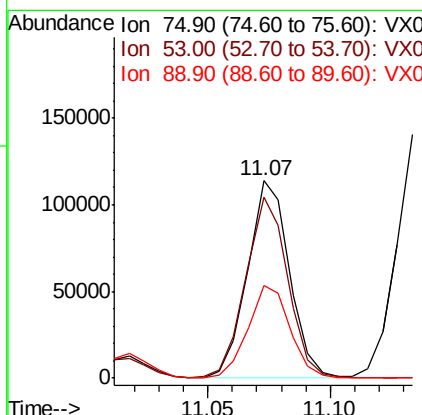
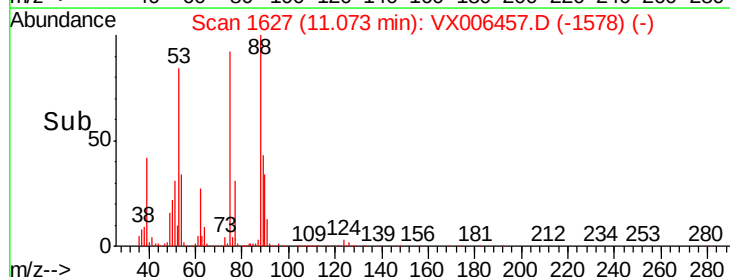
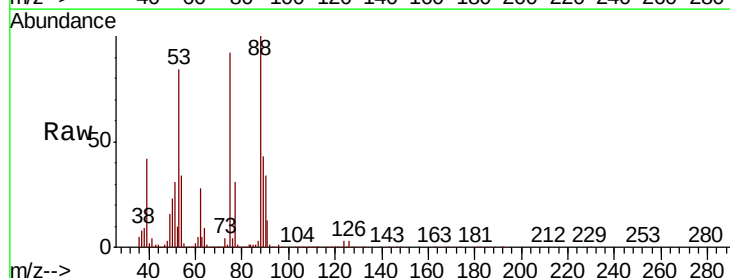
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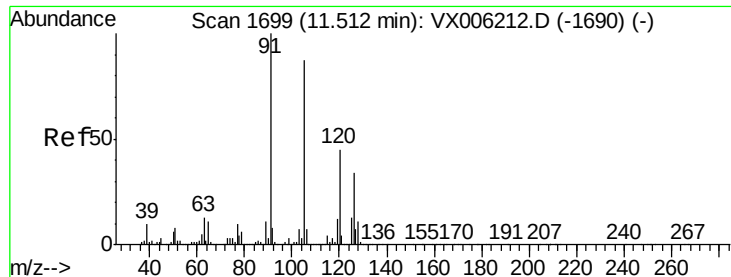
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 40.912 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX006457.D
 Acq: 12 Dec 2018 20:39

Tgt Ion: 75 Resp: 136224
 Ion Ratio Lower Upper
 75 100
 53 91.2 64.4 96.6
 89 47.1 44.2 66.4





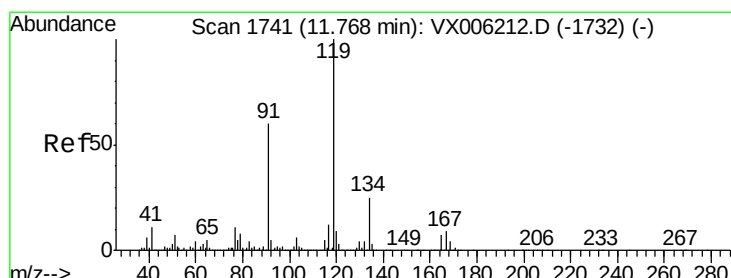
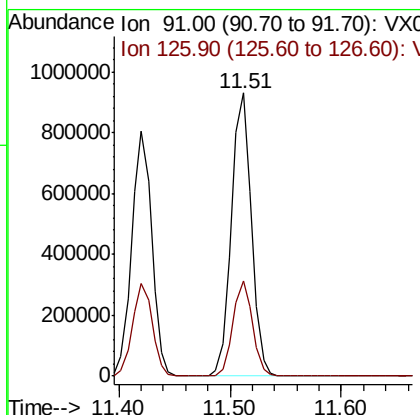
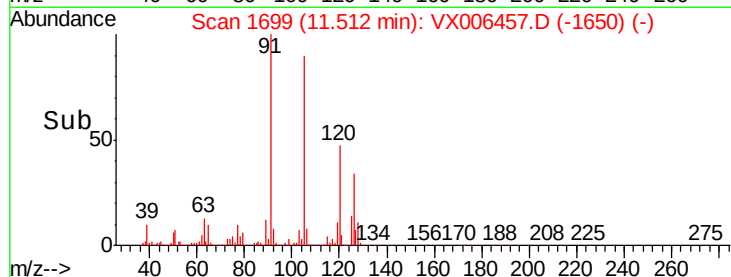
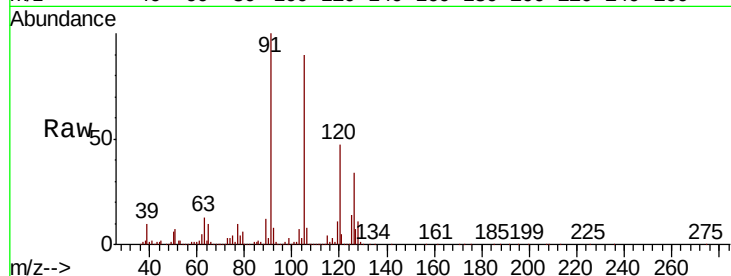
#82
4-Chlorotoluene
Concen: 53.717 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

Tot Ion: 91 Resp: 1153574
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4

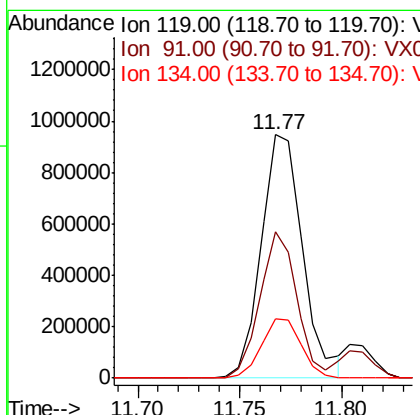
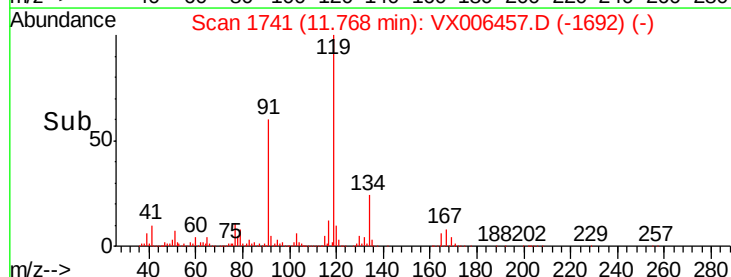
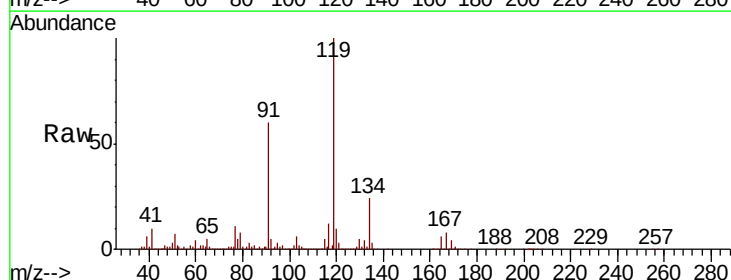
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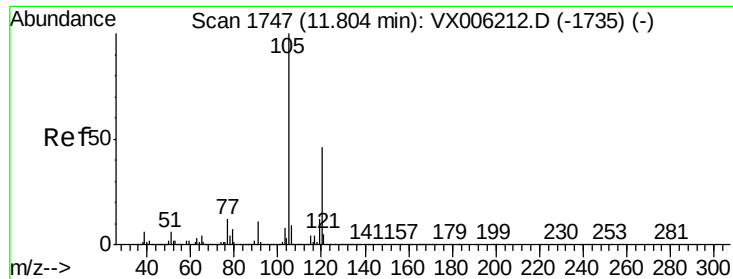
MMDadoda
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#83
tert-Butylbenzene
Concen: 54.048 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion: 119 Resp: 1341382
Ion Ratio Lower Upper
119 100
91 53.7 26.4 79.2
134 23.4 11.6 34.7





#84

1,2,4-Trimethylbenzene

Concen: 54.724 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MS

Tot Ion:105 Resp: 1314408

Ion Ratio Lower Upper

105 100

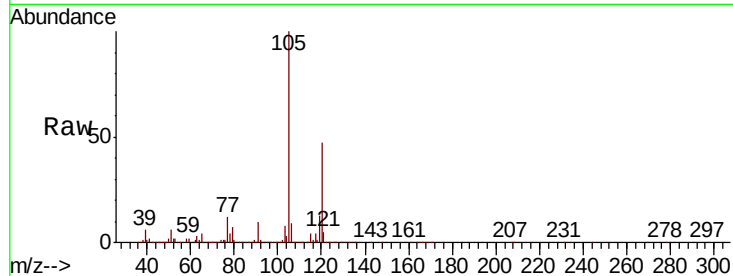
120 46.8 23.4 70.0

Manual Integrations

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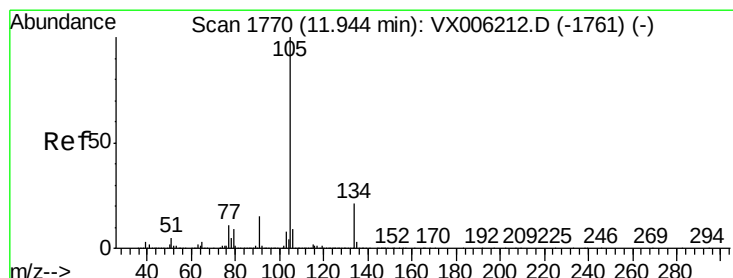
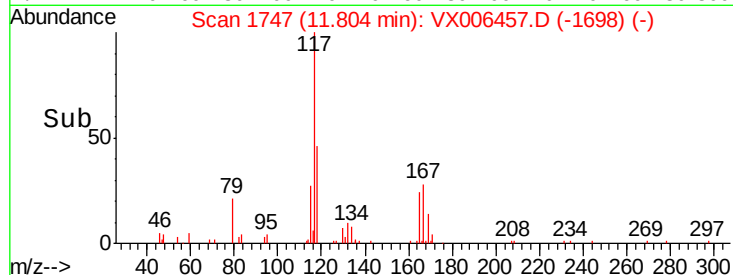
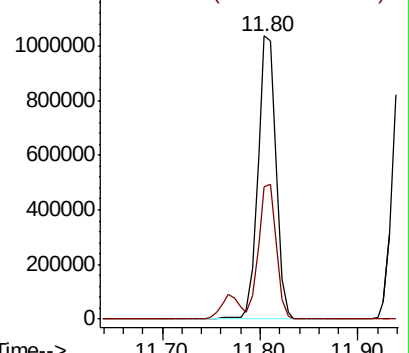
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 55.253 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006457.D

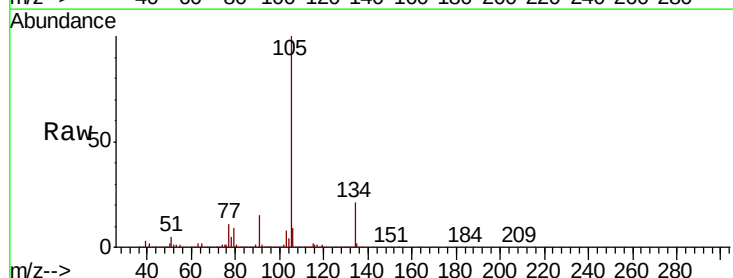
Acq: 12 Dec 2018 20:39

Tgt Ion:105 Resp: 1560019

Ion Ratio Lower Upper

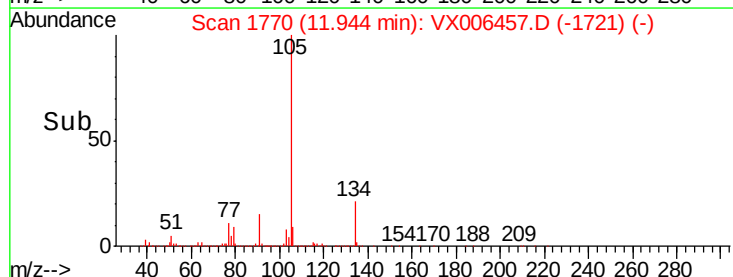
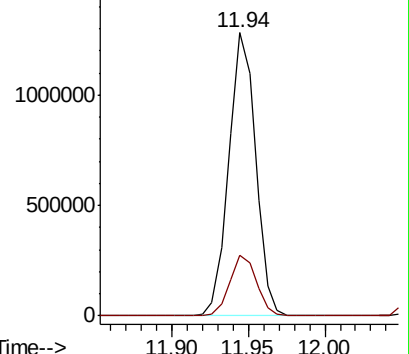
105 100

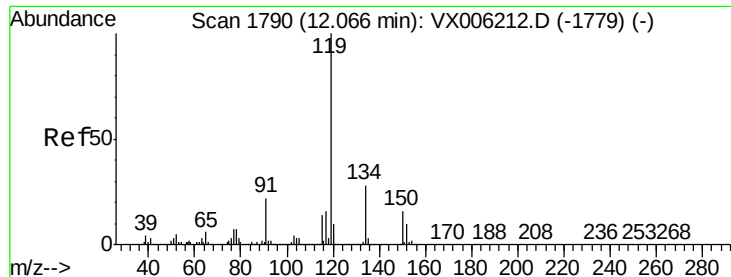
134 21.6 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





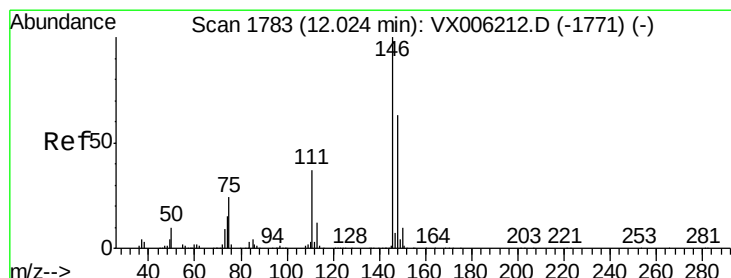
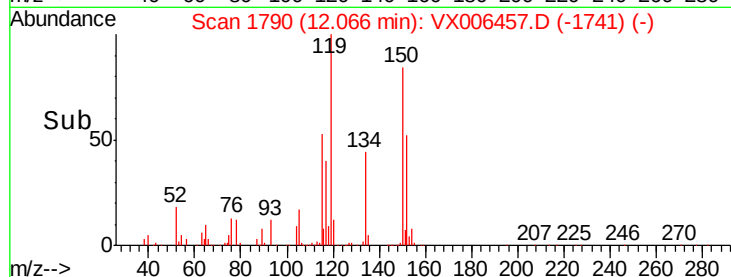
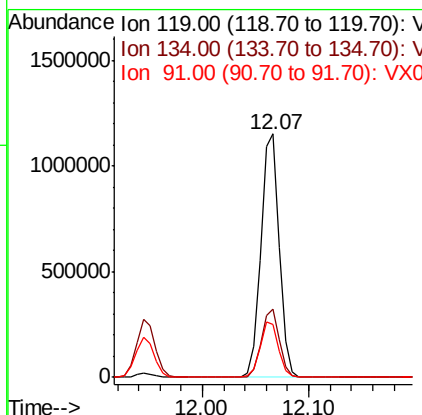
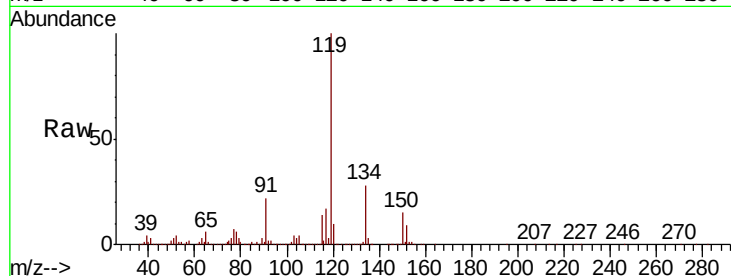
#86
 p-Isopropyltoluene
 Concen: 54.582 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX006457.D
 Acq: 12 Dec 2018 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.9	41.6
91	22.8	11.3	33.8

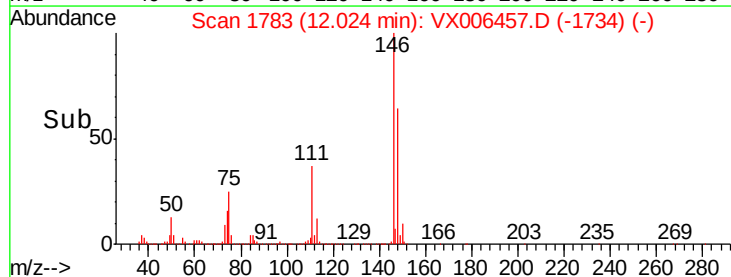
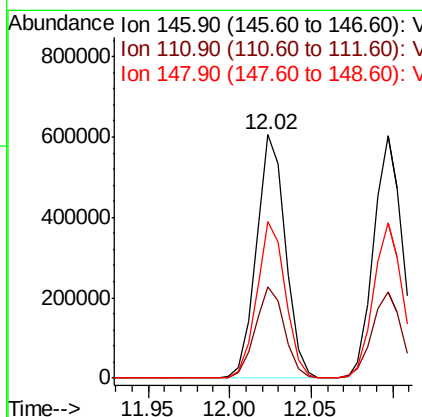
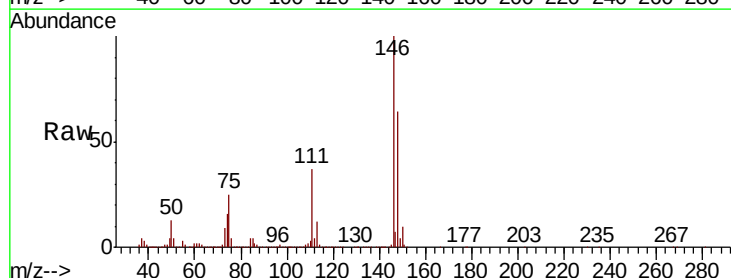
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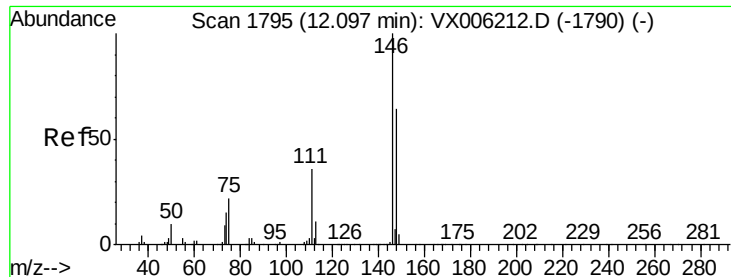
MMDadoda
 12/13/2018 11:05:11 AM



#87
 1,3-Dichlorobenzene
 Concen: 54.199 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006457.D
 Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.4	55.2
148	63.5	32.0	96.0





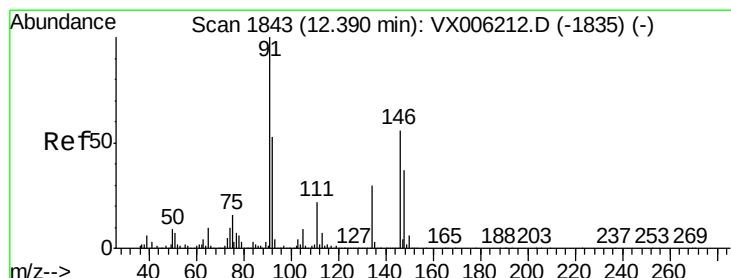
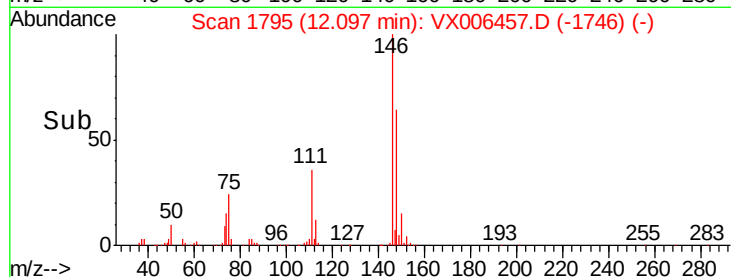
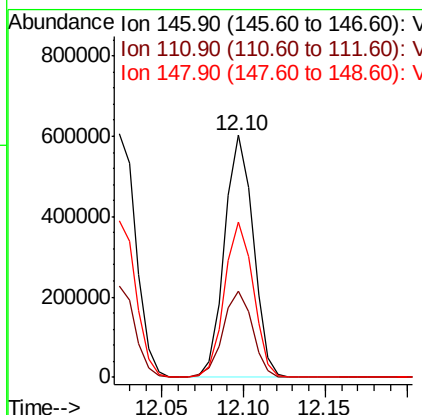
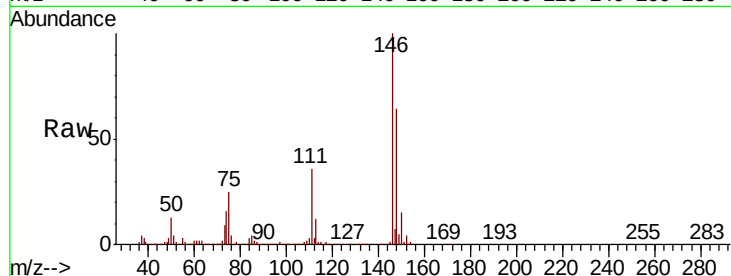
#88
 1,4-Dichlorobenzene
 Concen: 52.821 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006457.D
 Acq: 12 Dec 2018 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.3	54.8
148	64.3	31.9	95.9

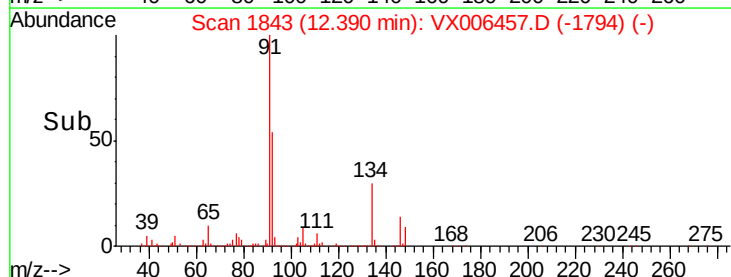
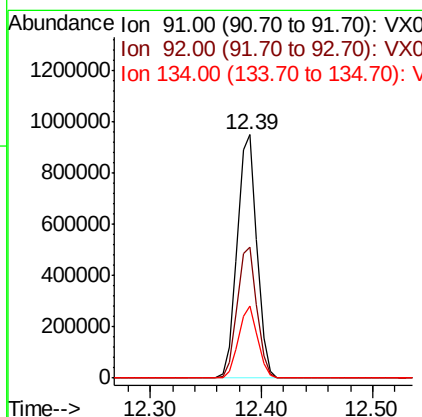
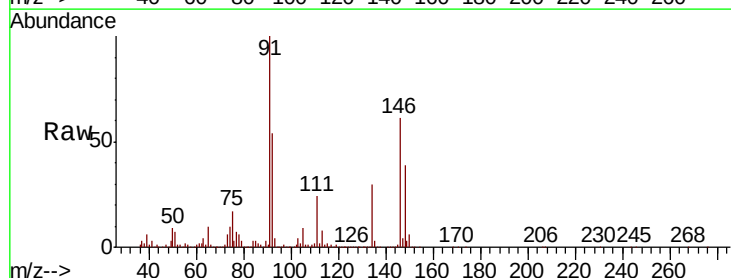
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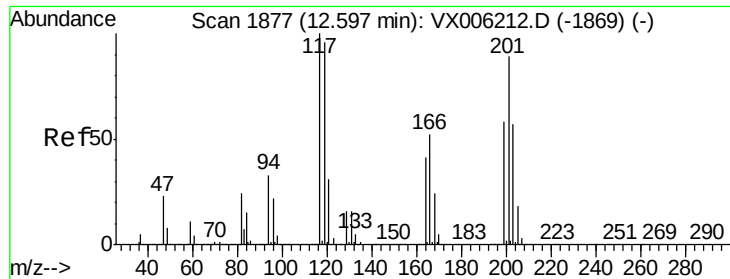
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#89
 n-Butylbenzene
 Concen: 53.398 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006457.D
 Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.6	79.8
134	28.9	14.8	44.3





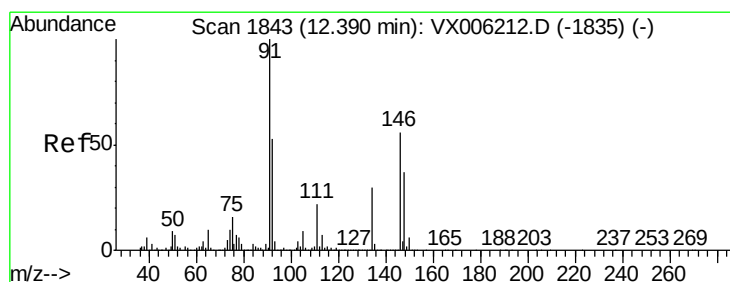
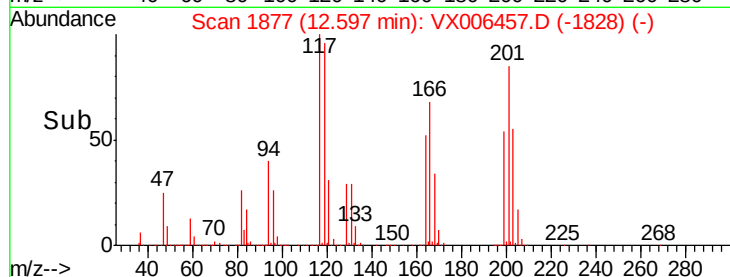
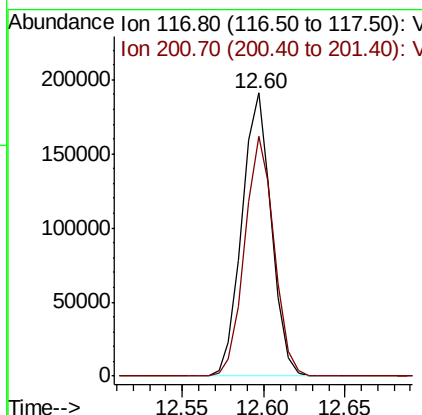
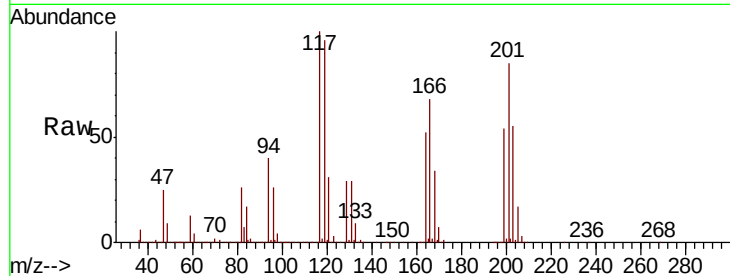
#90
Hexachloroethane
Concen: 46.408 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MS

Tot Ion	Ratio	Lower	Upper
117	100		
201	84.6	44.7	134.1

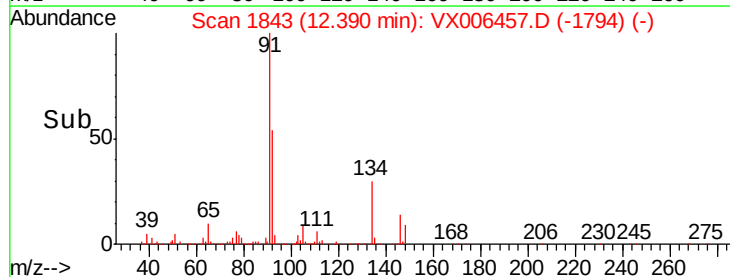
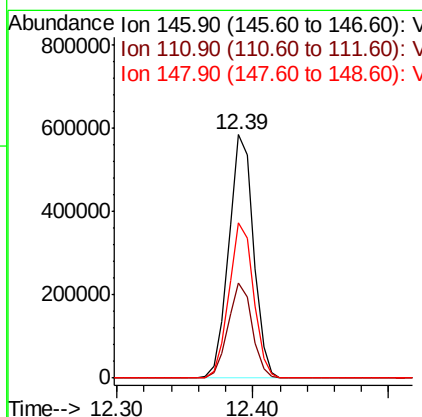
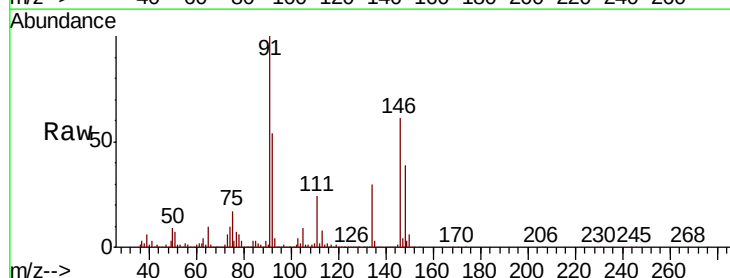
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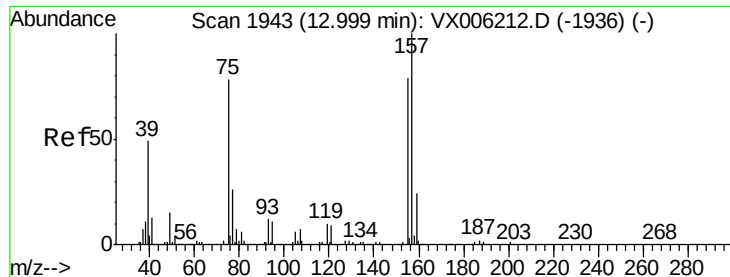
MMDadoda
12/13/2018 11:05:11 AM



#91
1,2-Dichlorobenzene
Concen: 53.507 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006457.D
Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.3
148	63.6	32.1	96.3





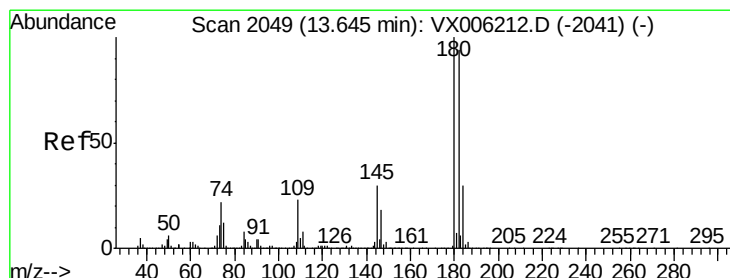
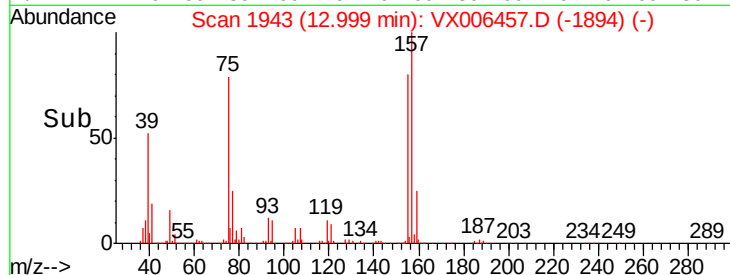
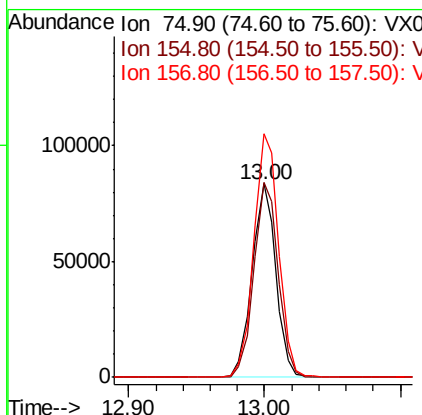
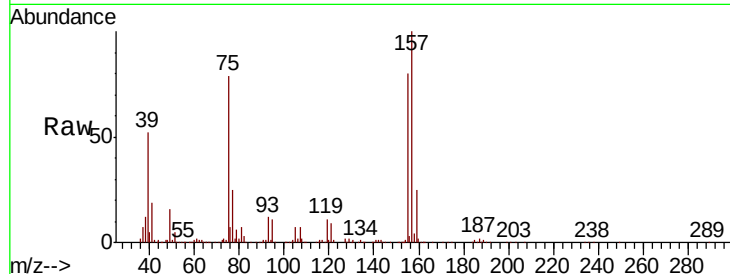
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.948 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006457.D
 Acq: 12 Dec 2018 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	102.7	53.4	160.3
157	130.8	68.0	203.8

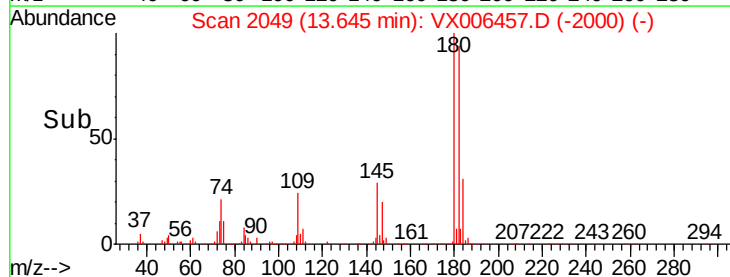
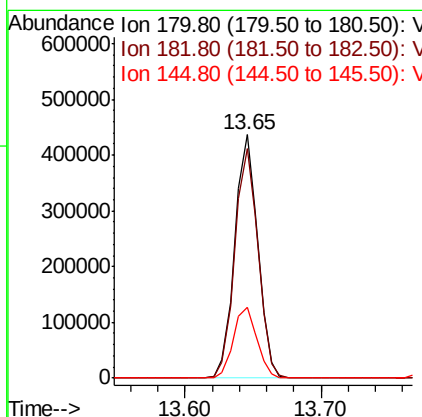
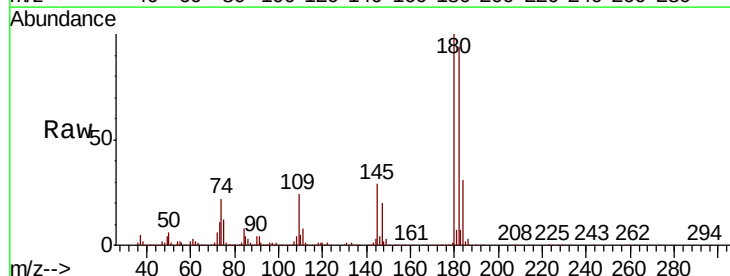
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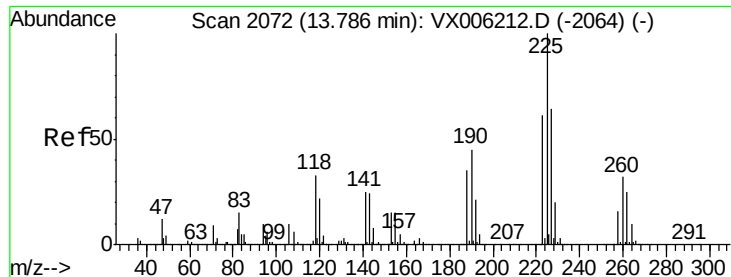
MMDadoda
 12/13/2018 11:05:11 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 51.421 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006457.D
 Acq: 12 Dec 2018 20:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	141.9
145	30.0	14.6	43.8





#94

Hexachlorobutadiene

Concen: 51.290 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Instrument :

MSVOA_X

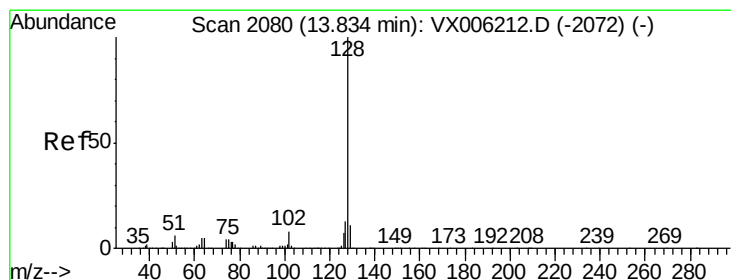
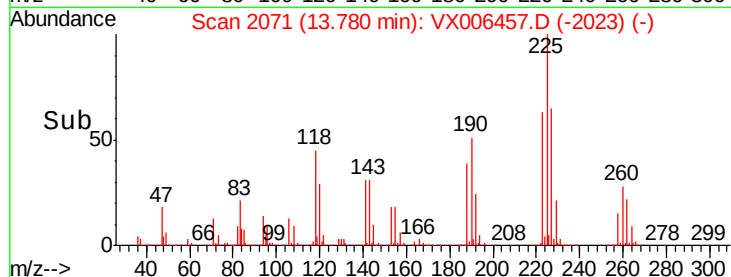
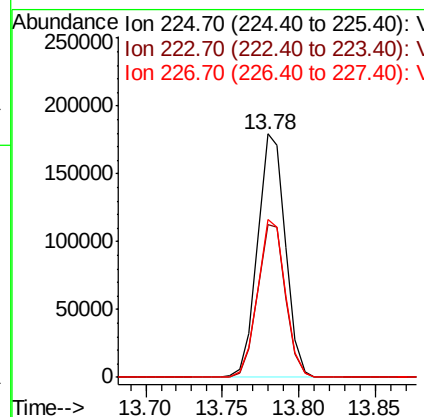
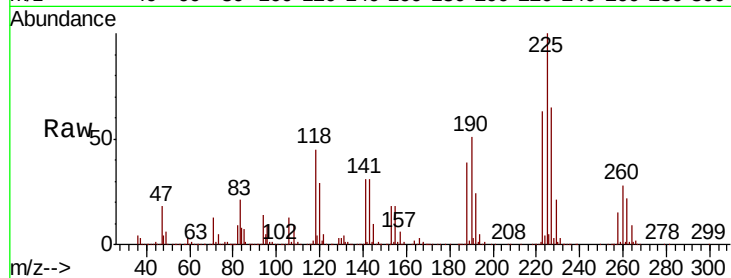
ClientSampleId :

BP-TT-SW4002-20181211MS

Tot Ion:	225	Resp:	226732
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.2	93.6
227	64.4	31.9	95.5

Manual Integrations
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12/13/2018 11:05:11 AM



#95

Naphthalene

Concen: 53.534 ug/l

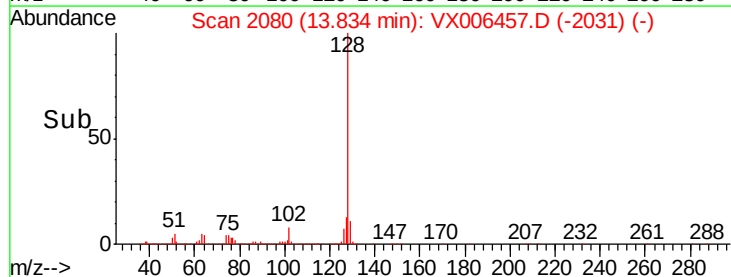
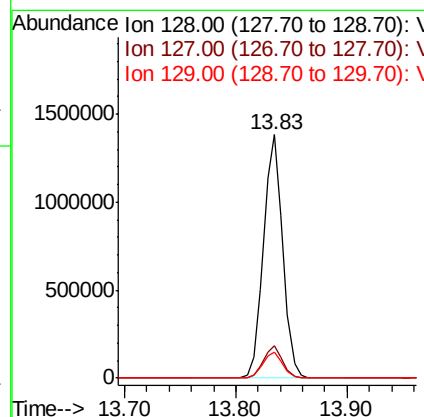
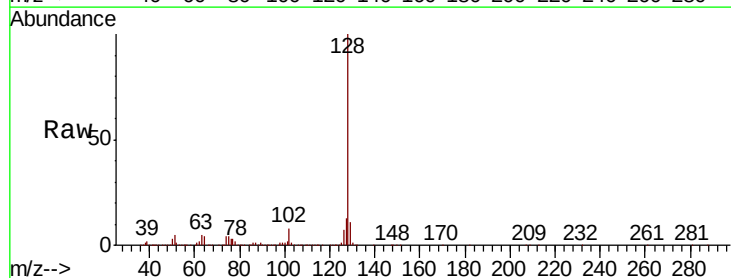
RT: 13.83 min Scan# 2080

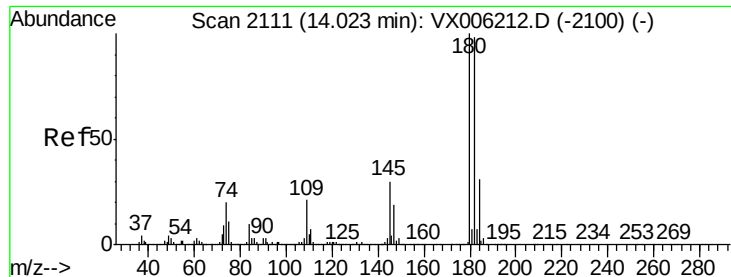
Delta R.T. 0.00 min

Lab File: VX006457.D

Acq: 12 Dec 2018 20:39

Tgt Ion:	128	Resp:	1664562
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	10.9	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 51.935 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: VX006457.D
 Acq: 12 Dec 2018 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	95.6	48.4	145.2
145	31.9	15.6	46.8

Manual Integrations
 APPROVED

MMDadoda
 12/13/2018 11:05:11 AM

