

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002646.D
 Acq On : 16 Jun 2018 14:15
 Operator : JC/MD
 Sample : J3479-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611MS

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:12:11 PM

Quant Time: Jun 18 08:03:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	209802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	314102	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203961	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	163035	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
35) Dibromofluoromethane	5.51	113	129055	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	8.72	98	484479	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	11.14	95	184976	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	102277	45.92	ug/l	99
3) Chloromethane	1.32	50	115731	43.68	ug/l	100
4) Vinyl Chloride	1.41	62	128291	46.66	ug/l	99
5) Bromomethane	1.64	94	67534	40.71	ug/l	95
6) Chloroethane	1.72	64	87945	48.53	ug/l	98
7) Trichlorofluoromethane	1.93	101	221059	49.49	ug/l	99
8) Diethyl Ether	2.19	74	82059	48.30	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	120260	48.17	ug/l	99
10) Methyl Iodide	2.51	142	128177	39.28	ug/l	98
11) Tert butyl alcohol	3.08	59	207188	314.36	ug/l	100
12) 1,1-Dichloroethene	2.37	96	114057	48.65	ug/l	100
13) Acrolein	2.30	56	72616	235.43	ug/l	99
14) Allyl chloride	2.73	41	213288	45.82	ug/l	99
15) Acrylonitrile	3.15	53	382225	265.76	ug/l	100
16) Acetone	2.45	43	379889	270.08	ug/l	100
17) Carbon Disulfide	2.57	76	278432	50.08	ug/l	98
18) Methyl Acetate	2.78	43	190503	50.84	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	425125	48.34	ug/l	100
20) Methylene Chloride	2.86	84	130603	45.28	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	121513	47.78	ug/l	98
22) Diisopropyl ether	3.88	45	409355	48.61	ug/l	99
23) Vinyl Acetate	3.83	43	1633928	231.82	ug/l	99
24) 1,1-Dichloroethane	3.70	63	230425	50.41	ug/l	100
25) 2-Butanone	4.71	43	527043	285.31	ug/l	98
26) 2,2-Dichloropropane	4.59	77	86820	26.44	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	130872	50.58	ug/l	89
28) Bromochloromethane	5.03	49	111051	51.88	ug/l	96
29) Tetrahydrofuran	5.17	42	341699	282.25	ug/l	98
30) Chloroform	5.22	83	228126	51.76	ug/l	99
31) Cyclohexane	5.58	56	186653	49.60	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	194206	52.68	ug/l	100
36) 1,1-Dichloropropene	5.81	75	162361	48.67	ug/l	99
37) Ethyl Acetate	4.87	43	186808	49.47	ug/l	99
38) Carbon Tetrachloride	5.79	117	172608	51.96	ug/l	99

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Quant Time: Jun 18 08:03:51 2018
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 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	184068	47.20	ug/l	99
40) Benzene	6.15	78	527968	52.78	ug/l	100
41) Methacrylonitrile	5.07	41	112529	52.78	ug/l	98
42) 1,2-Dichloroethane	6.20	62	192746	49.77	ug/l	100
43) Isopropyl Acetate	6.47	43	308837	49.37	ug/l	99
44) Trichloroethene	7.22	130	140270	48.58	ug/l	100
45) 1,2-Dichloropropane	7.52	63	128194	48.69	ug/l	99
46) Dibromomethane	7.66	93	90056	51.14	ug/l	99
47) Bromodichloromethane	7.90	83	163642	52.69	ug/l	97
48) Methyl methacrylate	7.78	41	166973	52.23	ug/l	98
49) 1,4-Dioxane	7.76	88	64379	1063.41	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1134860	282.54	ug/l	99
52) Toluene	8.79	92	321797	50.43	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	173080	42.48	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	163993	42.34	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	131318	50.93	ug/l	98
56) Ethyl methacrylate	9.19	69	209431	52.78	ug/l	97
57) 1,3-Dichloropropane	9.38	76	217800	49.95	ug/l	99
59) 2-Hexanone	9.50	43	898858	296.97	ug/l	98
60) Dibromochloromethane	9.59	129	137478	47.60	ug/l	100
61) 1,2-Dibromoethane	9.68	107	141816	53.11	ug/l	99
64) Tetrachloroethene	9.34	164	148021	42.91	ug/l	98
65) Chlorobenzene	10.15	112	5904729	773.74	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	135625	52.13	ug/l	99
67) Ethyl Benzene	10.26	91	641186	49.81	ug/l	98
68) m/p-Xylenes	10.37	106	490370	98.76	ug/l	99
69) o-Xylene	10.70	106	241018	49.41	ug/l	98
70) Styrene	10.71	104	406130	50.62	ug/l	99
71) Bromoform	10.86	173	109619	46.64	ug/l	98
73) Isopropylbenzene	11.02	105	651774	47.78	ug/l	99
74) N-amyl acetate	6.47	43	308837	45.57	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	206720	51.32	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	197008m	51.19	ug/l	
77) Bromobenzene	11.26	156	183364	48.25	ug/l	97
78) n-propylbenzene	11.37	91	738169	47.18	ug/l	99
79) 2-Chlorotoluene	11.43	91	443110	47.44	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	553515	48.01	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	40813	35.28	ug/l	94
82) 4-Chlorotoluene	11.51	91	527642	47.87	ug/l	99
83) tert-Butylbenzene	11.77	119	547531	49.30	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	567997	48.29	ug/l	99
85) sec-Butylbenzene	11.95	105	658076	47.66	ug/l	99
86) p-Isopropyltoluene	12.07	119	596728	47.76	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	982369	140.96	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	2289001	322.79	ug/l	99
89) n-Butylbenzene	12.40	91	594517	53.94	ug/l	99
90) Hexachloroethane	12.60	117	87707	45.29	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	13010690	1854.83	ug/l	82
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48736	57.76	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	286925	56.36	ug/l	100

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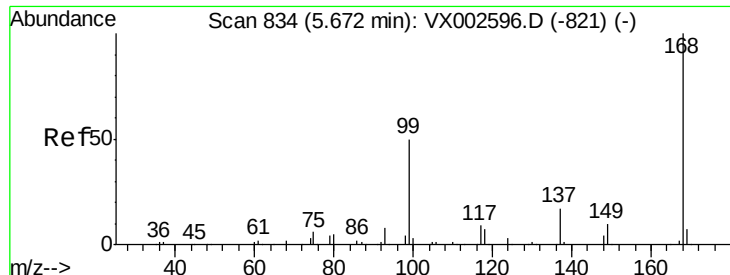
Manual Integrations
APPROVED

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6/18/2018 5:12:11 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	121739	45.40	ug/l	100
95) Naphthalene	13.84	128	740937	54.09	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	280612	54.88	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MS

Tot Ion:168 Resp: 209802

Ion Ratio Lower Upper

168 100

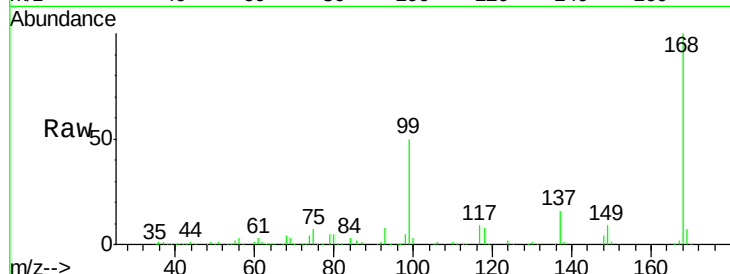
99 50.1 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

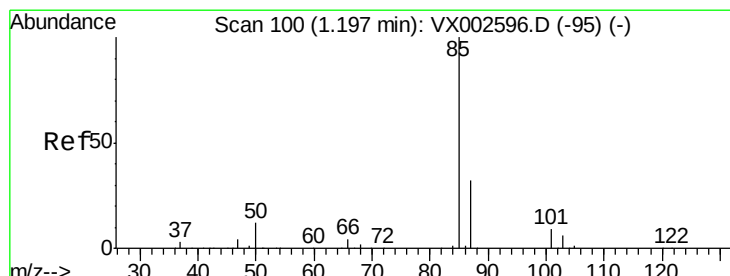
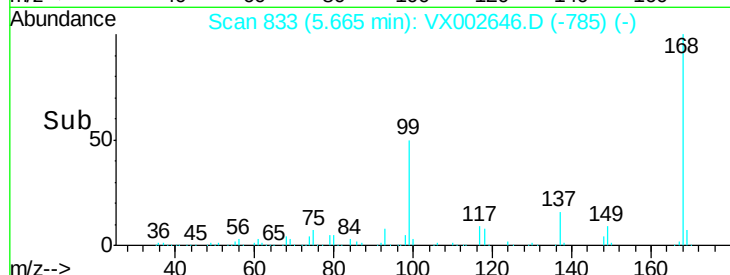
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.92 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002646.D

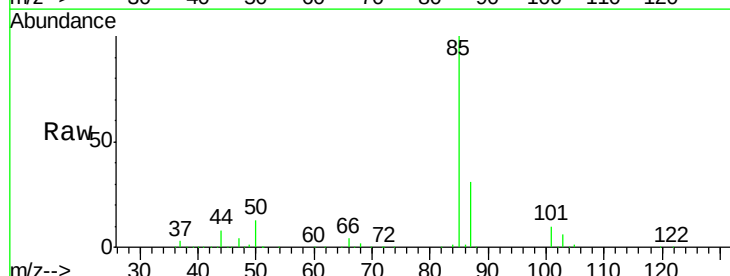
Acq: 16 Jun 2018 14:15

Tgt Ion: 85 Resp: 102277

Ion Ratio Lower Upper

85 100

87 31.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

40000

20000

0

1.10

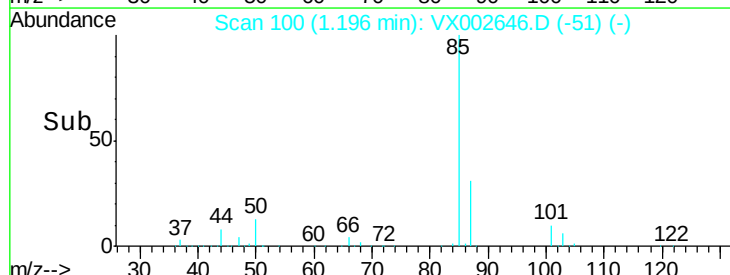
1.15

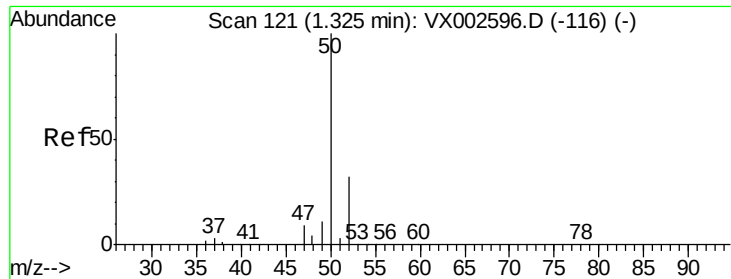
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 43.68 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MS

Tot Ion: 50 Resp: 115731

Ion Ratio Lower Upper

50 100

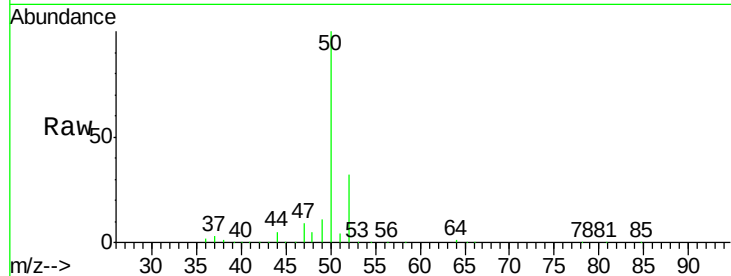
52 31.8 25.7 38.5

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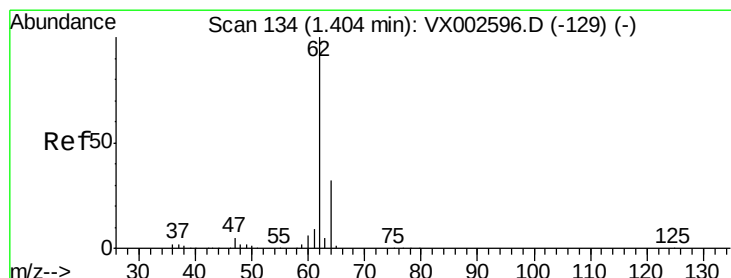
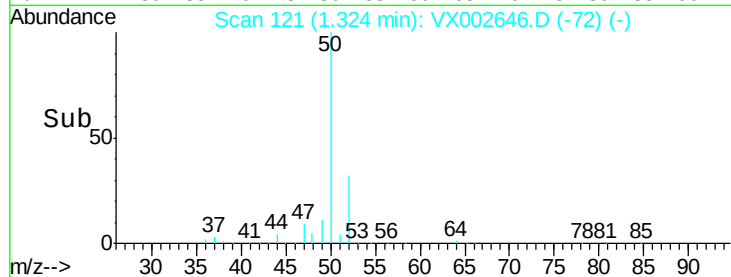
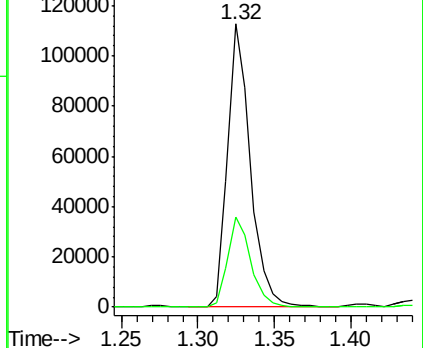
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.66 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002646.D

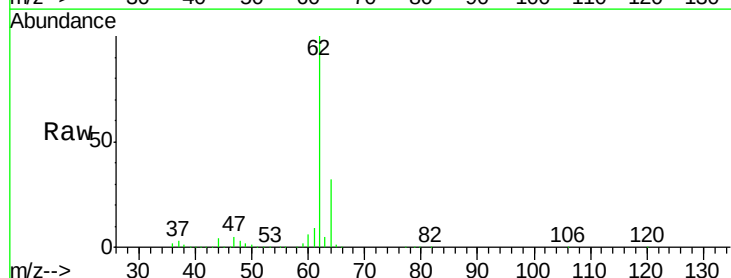
Acq: 16 Jun 2018 14:15

Tgt Ion: 62 Resp: 128291

Ion Ratio Lower Upper

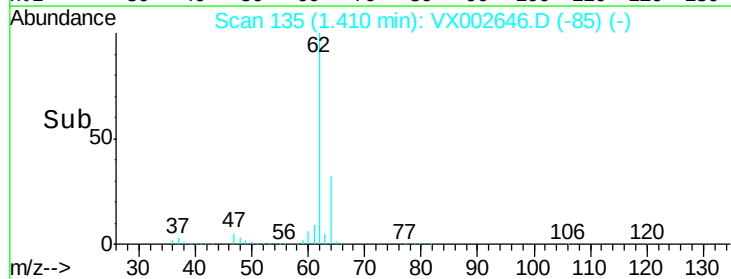
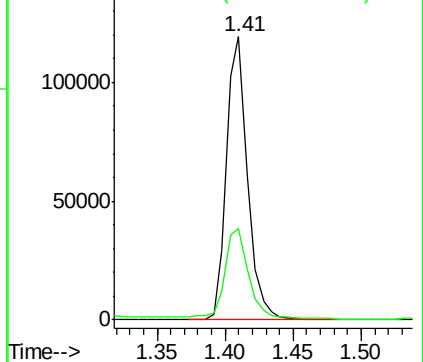
62 100

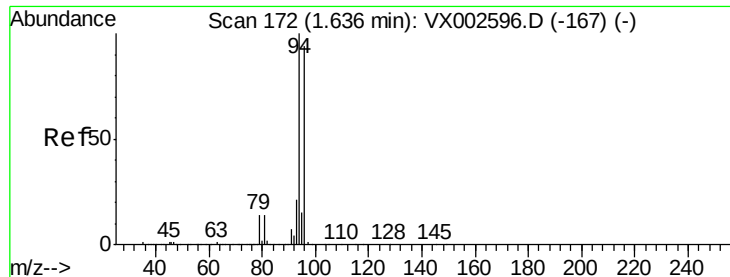
64 32.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.71 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MS

Tot Ion: 94 Resp: 67534

Ion Ratio Lower Upper

94 100

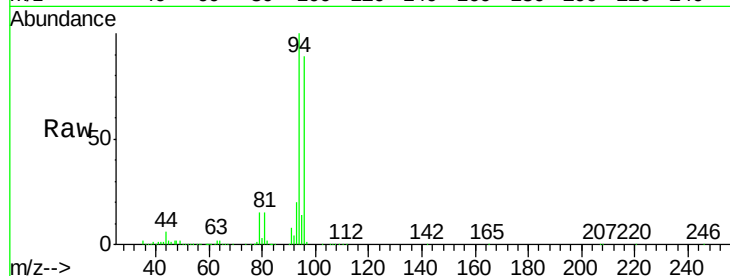
96 89.3 74.9 112.3

Manual Integrations

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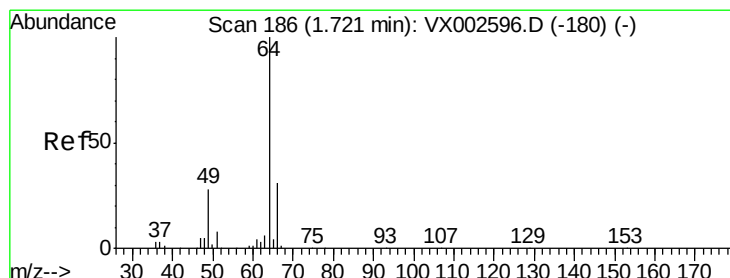
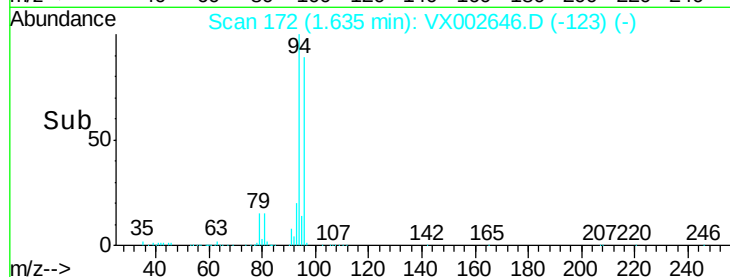
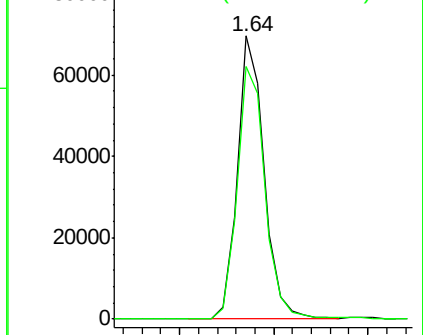
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.53 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002646.D

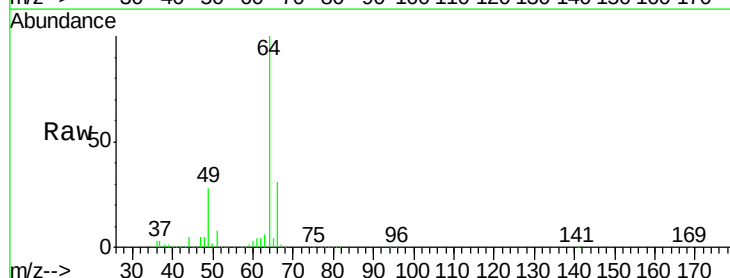
Acq: 16 Jun 2018 14:15

Tgt Ion: 64 Resp: 87945

Ion Ratio Lower Upper

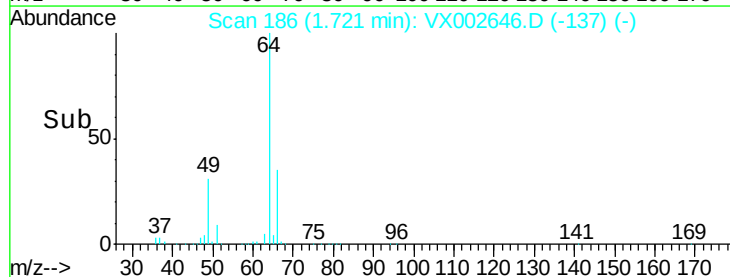
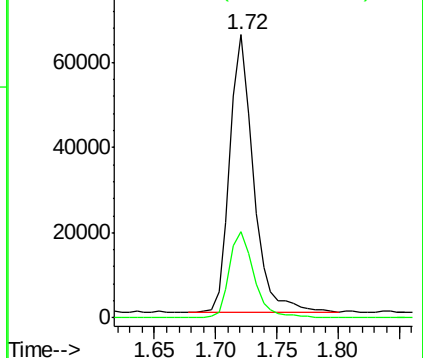
64 100

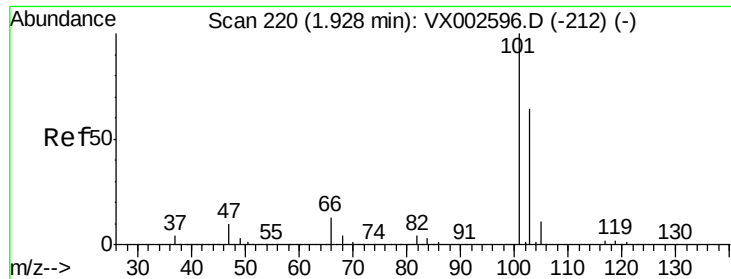
66 31.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

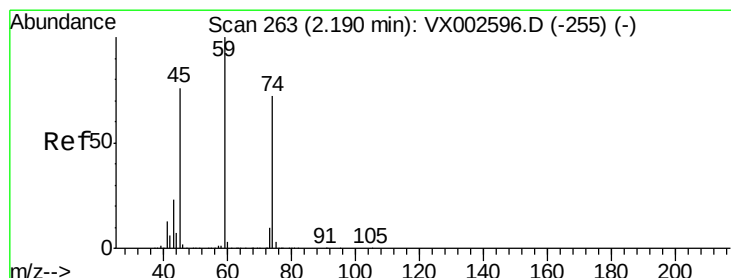
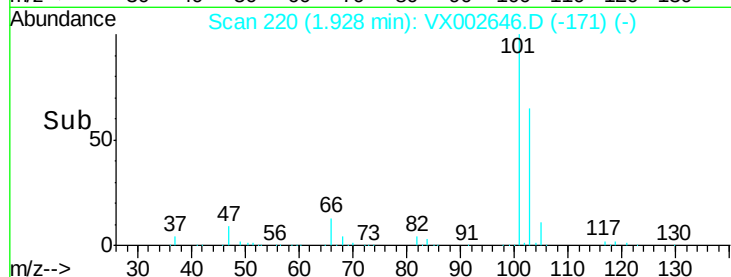
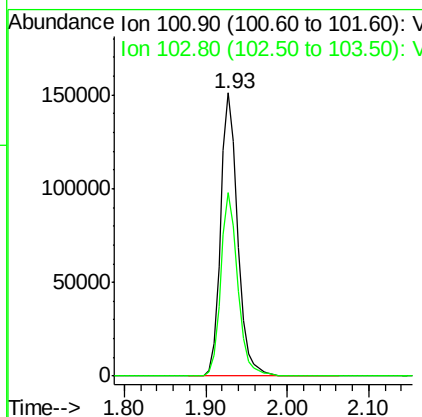
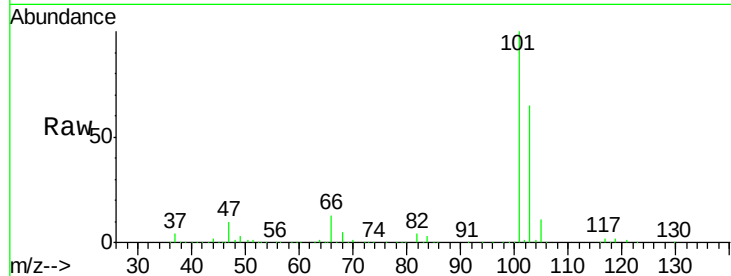
Trichlorofluoromethane
Concen: 49.49 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.8	79.2

Manual Integrations
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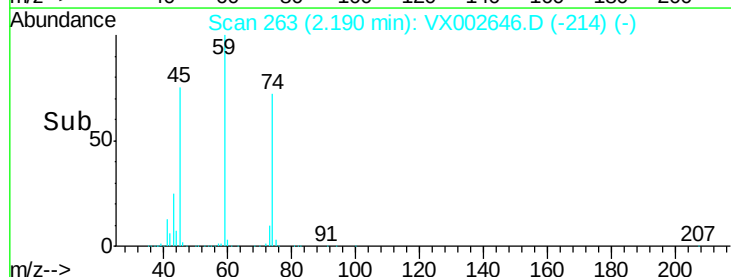
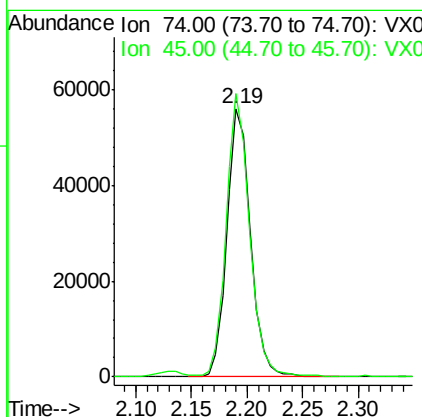
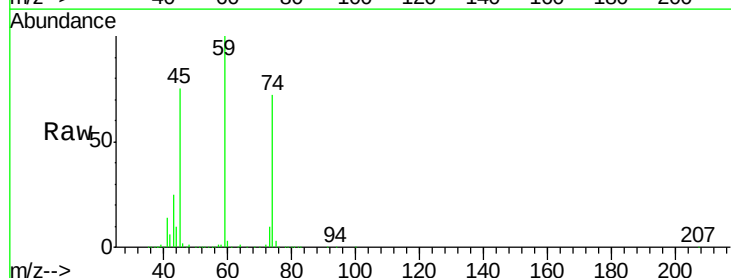
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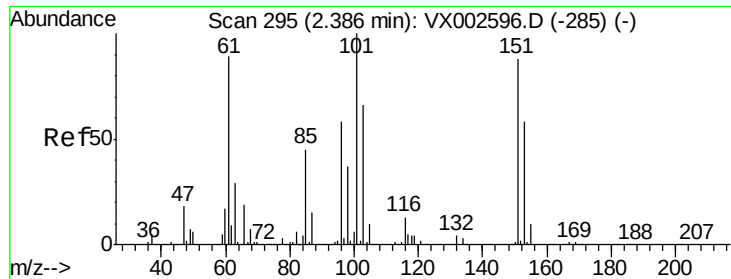


#8

Diethyl Ether
Concen: 48.30 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.7	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.17 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

Instrument :

MSVOA_X

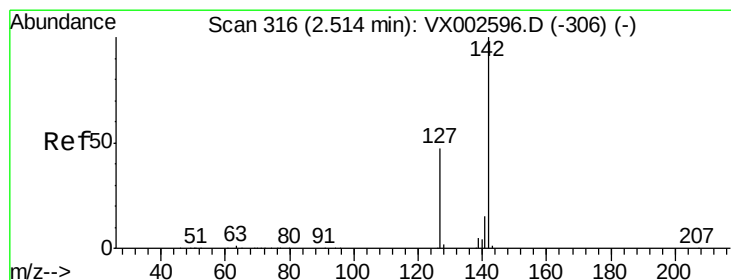
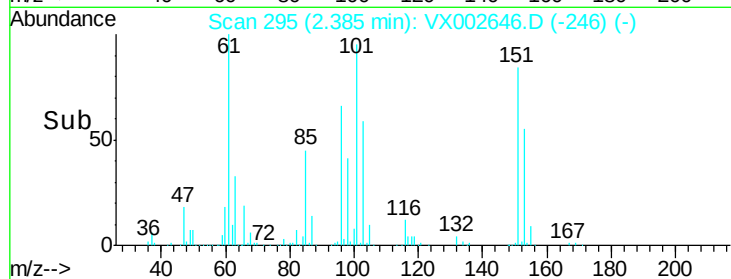
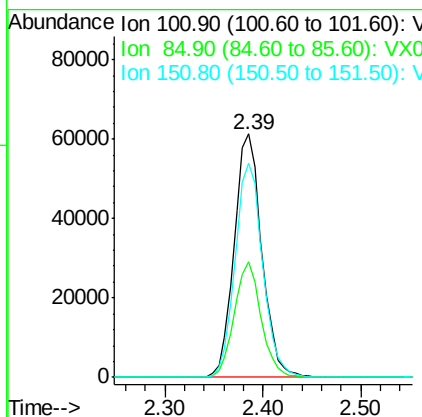
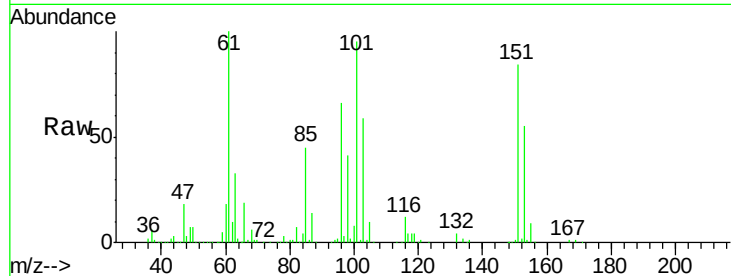
ClientSampleId :

SS003RW114R-180611MS

Tot Ion:	101	Resp:	120260
Ion Ratio	Lower	Upper	
101	100		
85	46.1	36.0	54.0
151	88.3	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 39.28 ug/l

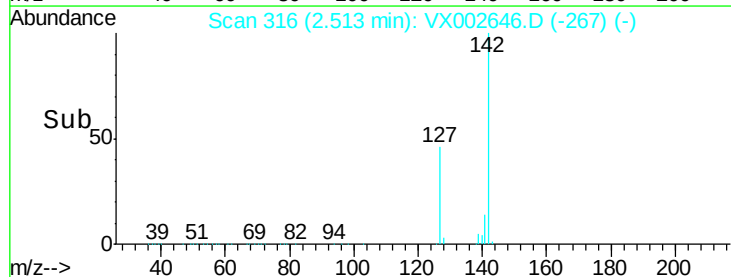
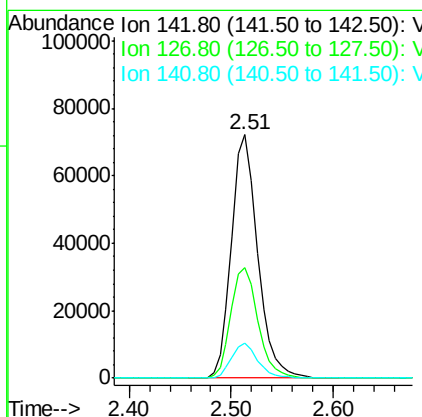
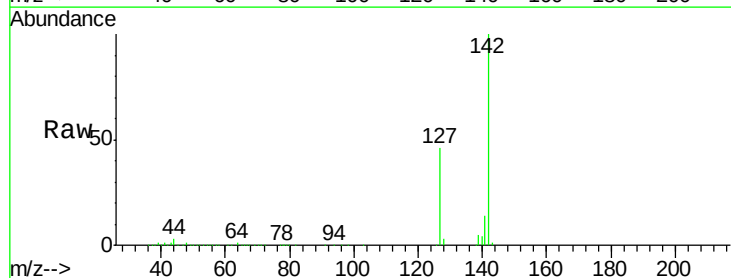
RT: 2.51 min Scan# 316

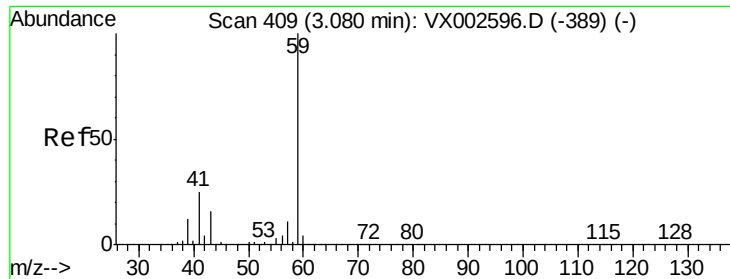
Delta R.T. 0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

Tgt Ion:	142	Resp:	128177
Ion Ratio	Lower	Upper	
142	100		
127	47.4	36.6	55.0
141	14.4	11.3	16.9





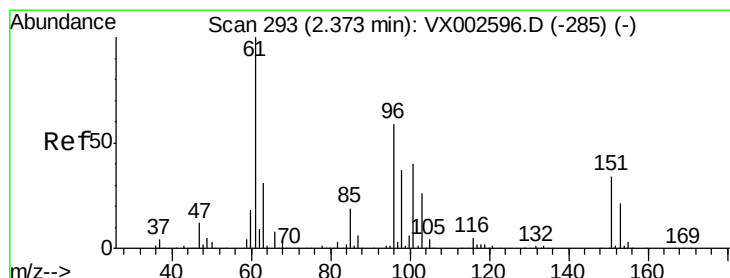
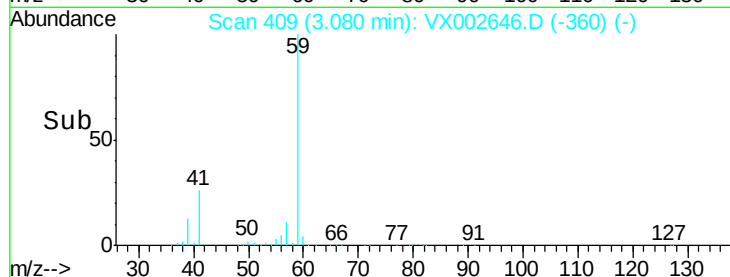
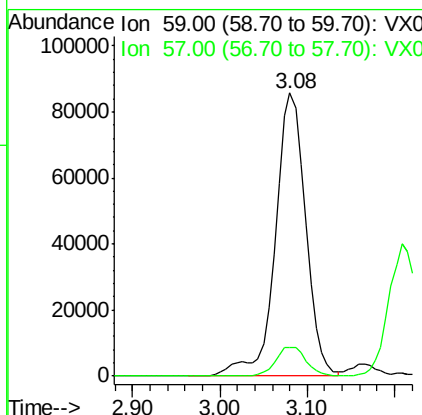
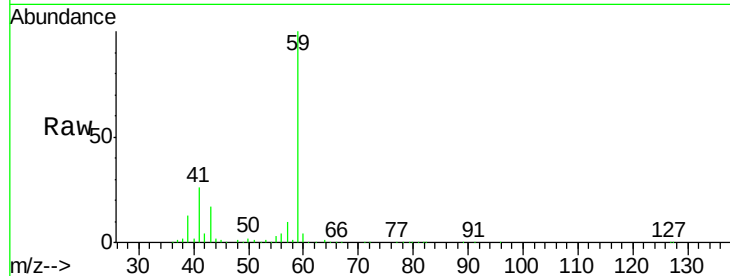
#11
Tert butyl alcohol
Concen: 314.36 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MS

Tot Ion: 59 Resp: 207188
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

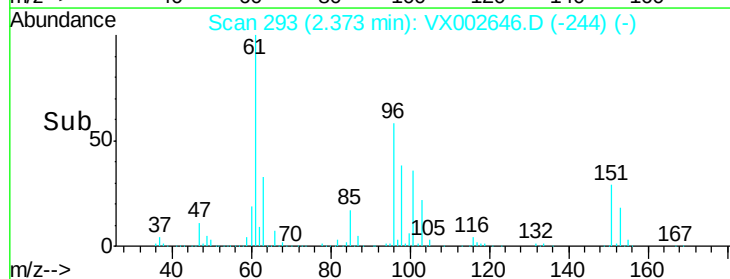
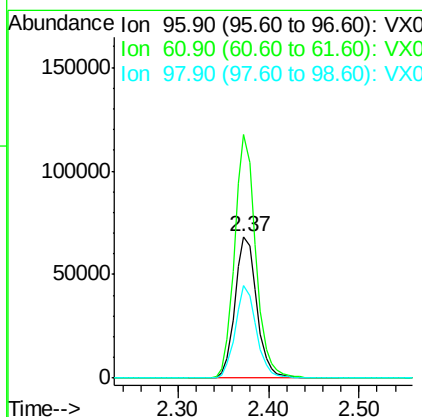
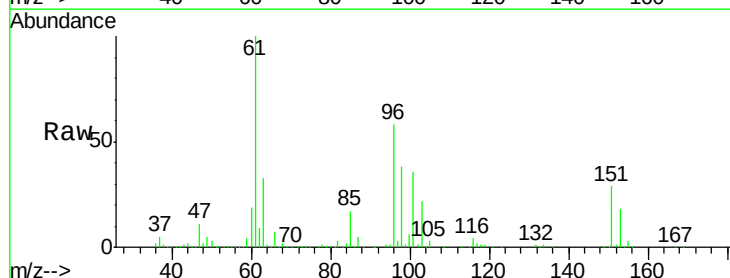
Manual Integrations
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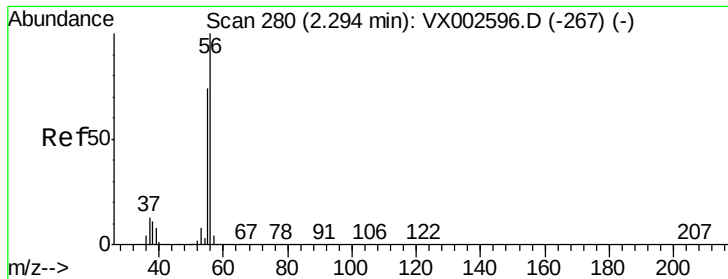
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.65 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Tgt Ion: 96 Resp: 114057
Ion Ratio Lower Upper
96 100
61 172.1 137.9 206.9
98 65.2 51.6 77.4





#13

Acrolein

Concen: 235.43 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MS

Tot Ion: 56 Resp: 72616

Ion Ratio Lower Upper

56 100

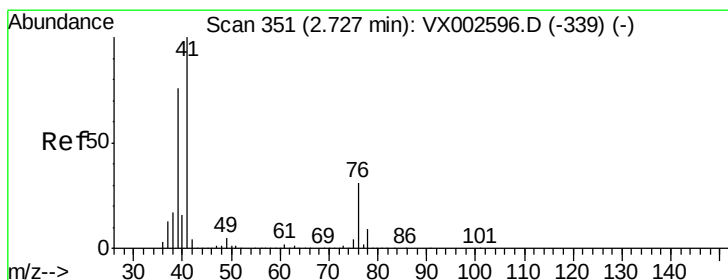
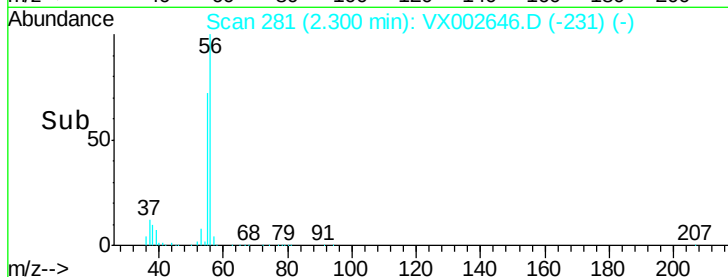
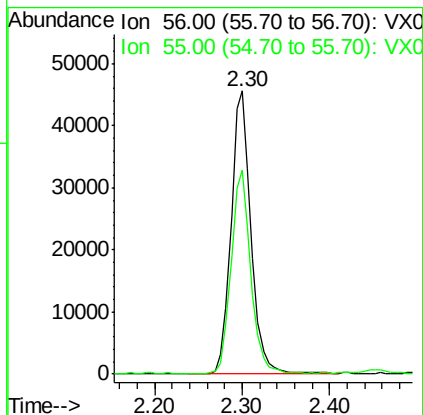
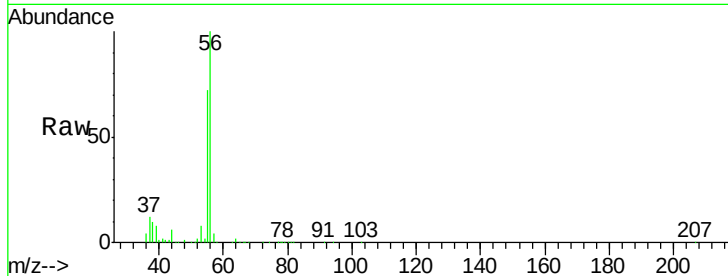
55 70.6 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 45.82 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

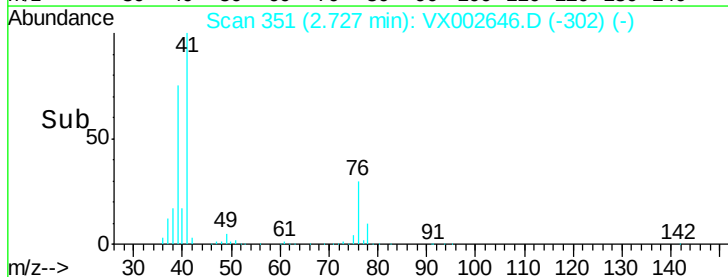
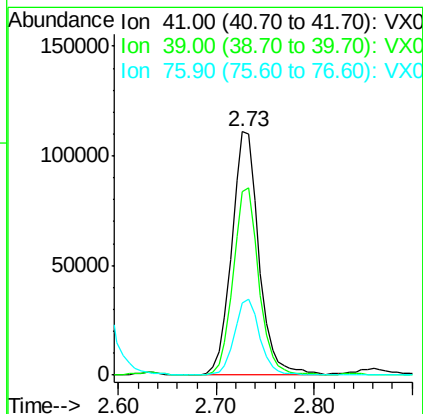
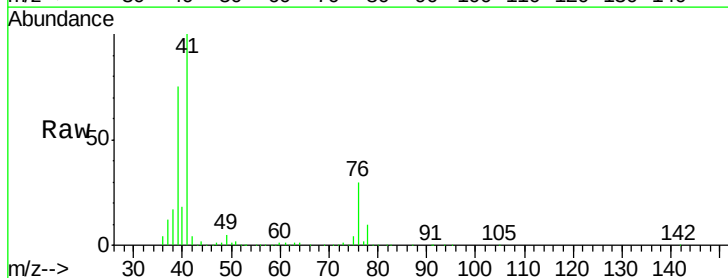
Tgt Ion: 41 Resp: 213288

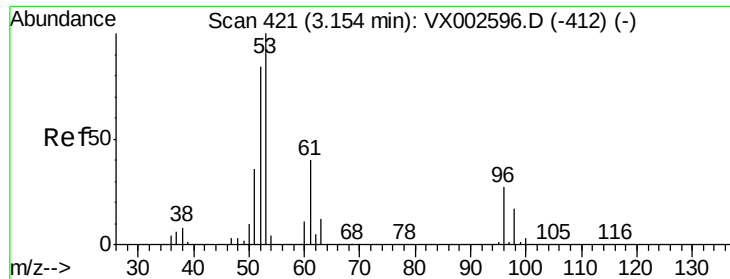
Ion Ratio Lower Upper

41 100

39 72.5 56.8 85.2

76 29.5 23.8 35.8





#15

Acrylonitrile

Concen: 265.76 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

Instrument :

MSVOA_X

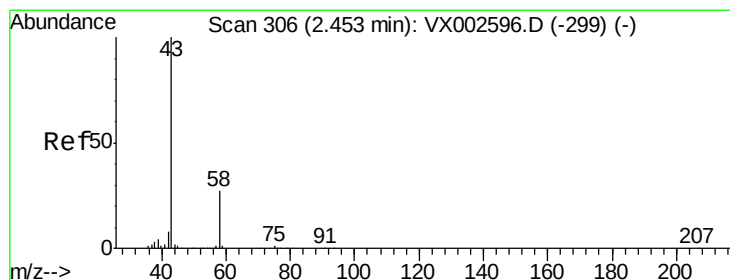
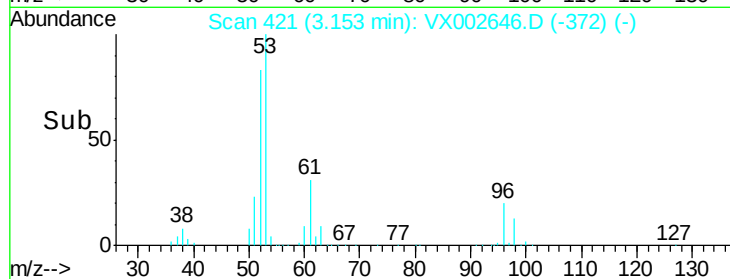
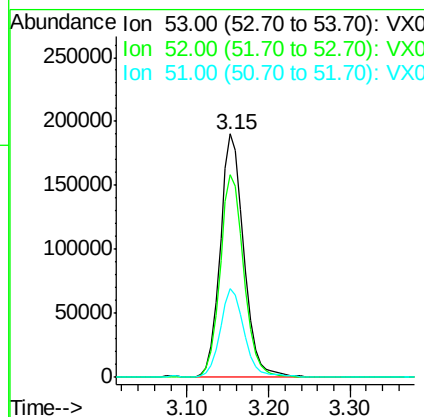
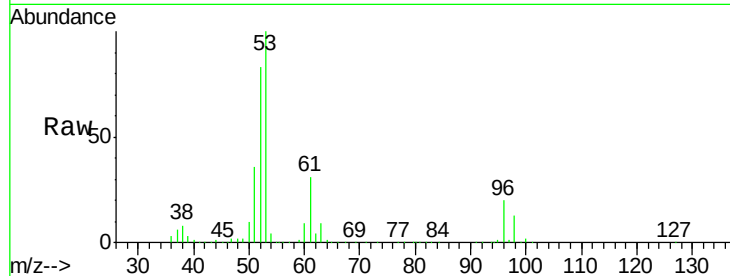
ClientSampleId :

SS003RW114R-180611MS

Tot Ion:	53	Resp:	382225
Ion Ratio		Lower	Upper
53	100		
52	83.6	66.7	100.1
51	36.8	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 270.08 ug/l

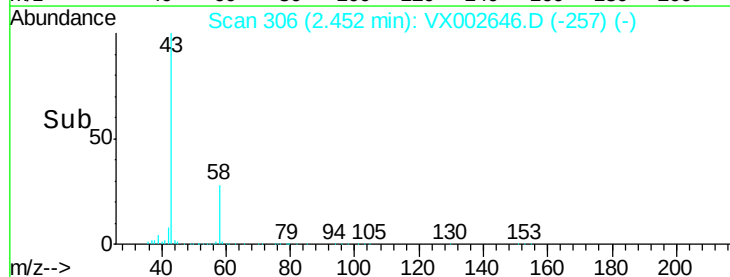
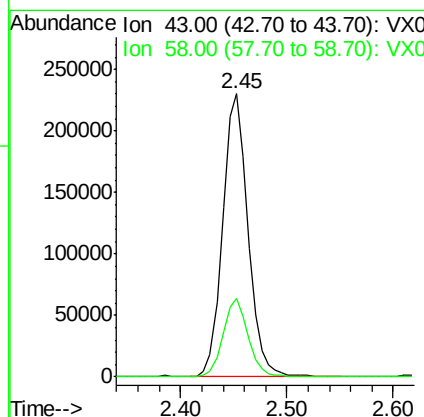
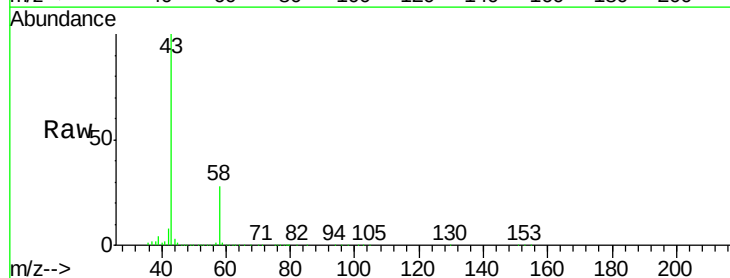
RT: 2.45 min Scan# 306

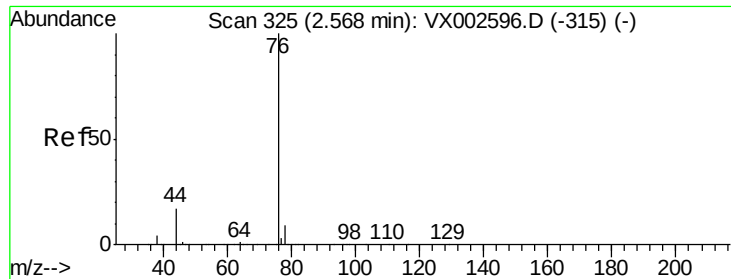
Delta R.T. -0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

Tgt Ion:	43	Resp:	379889
Ion Ratio		Lower	Upper
43	100		
58	27.8	22.1	33.1





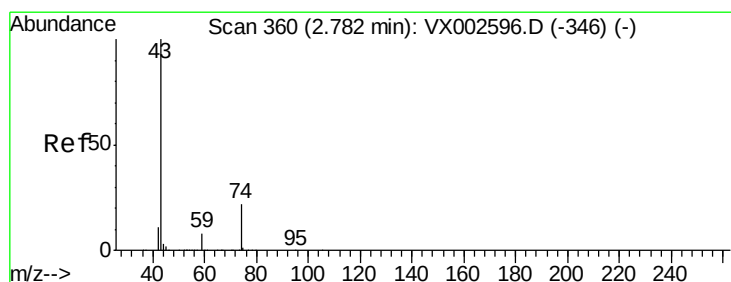
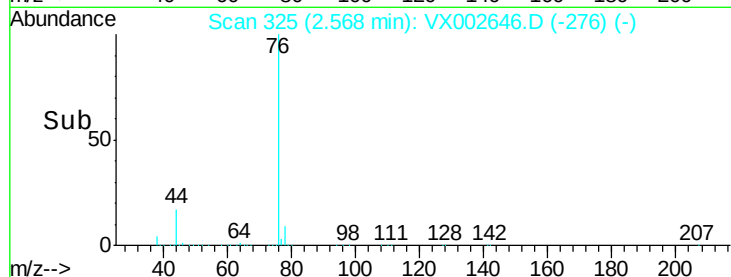
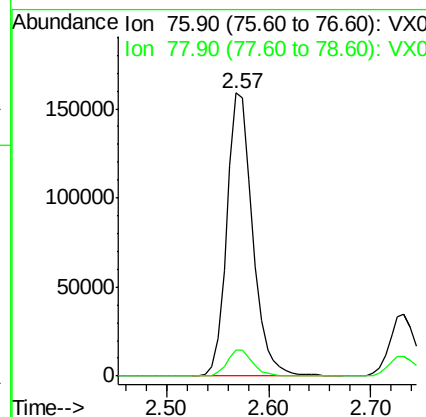
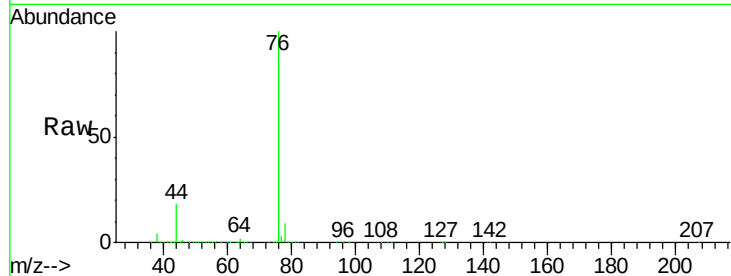
#17
Carbon Disulfide
Concen: 50.08 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.9	10.3

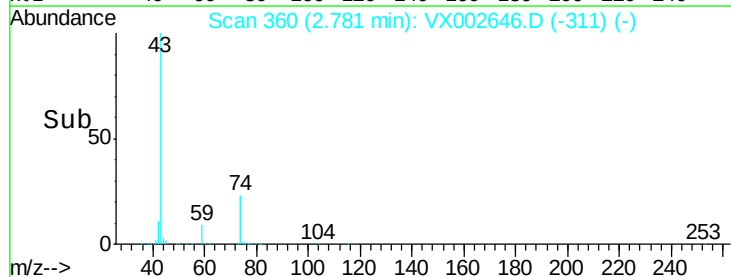
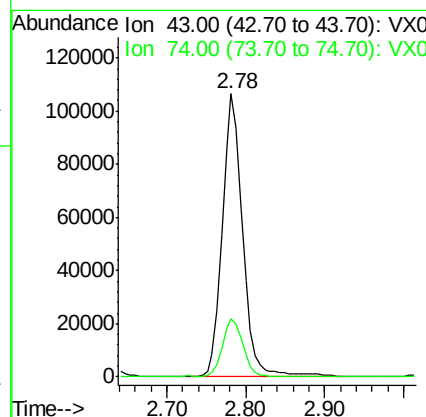
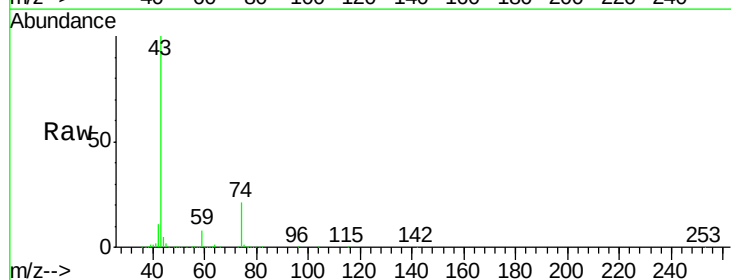
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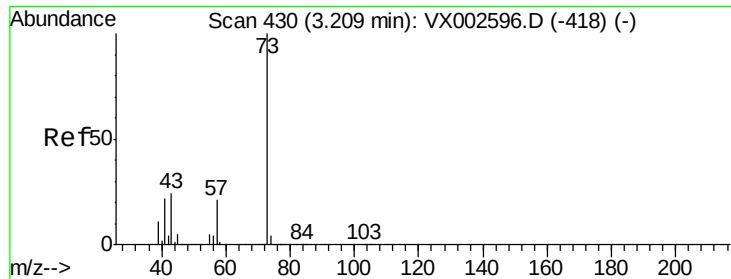
MMDadoda
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#18
Methyl Acetate
Concen: 50.84 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.5	16.7	25.1





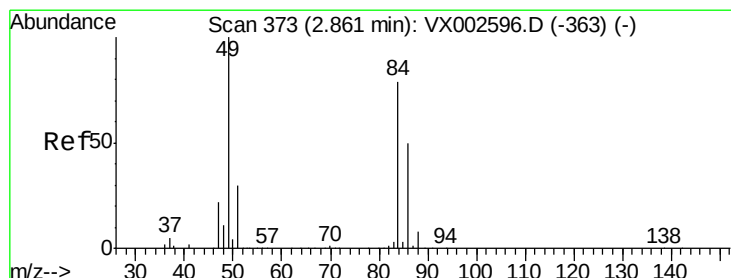
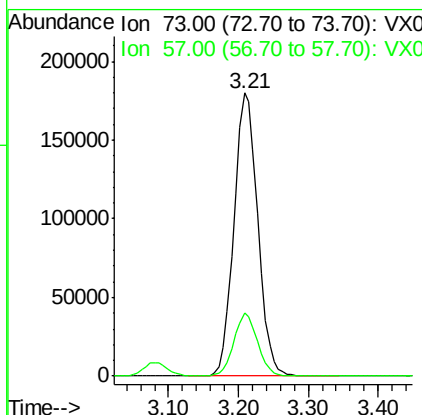
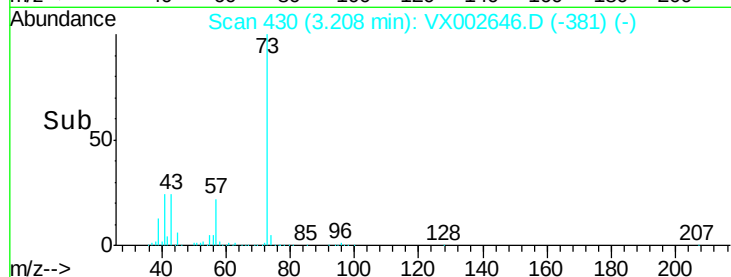
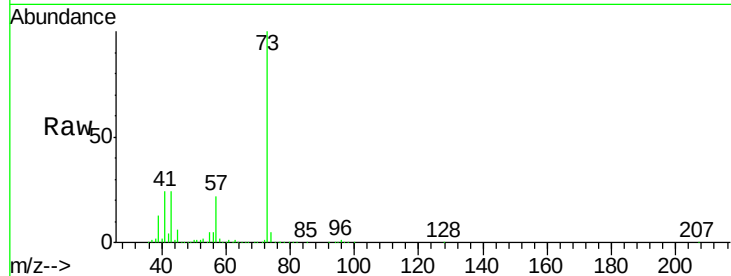
#19
Methyl tert-butyl Ether
Concen: 48.34 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MS

Tot Ion: 73 Resp: 425125
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5

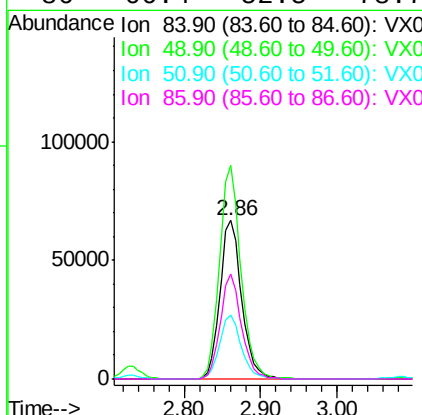
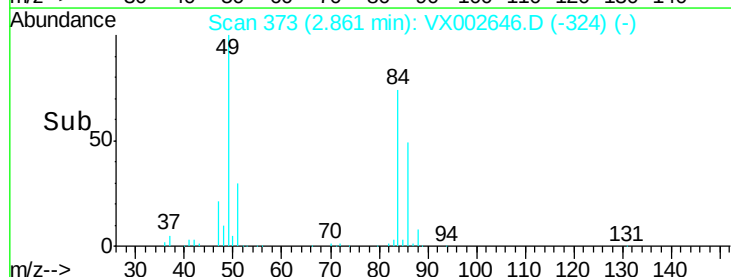
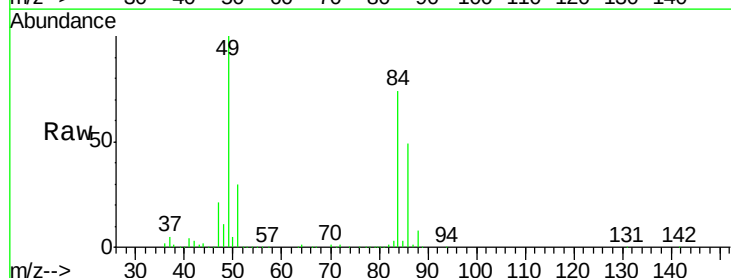
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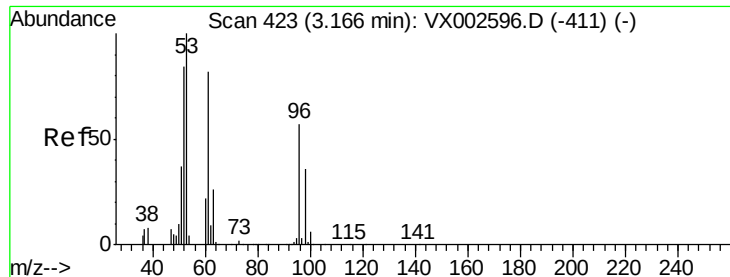
MMDadoda
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#20
Methylene Chloride
Concen: 45.28 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Tgt Ion: 84 Resp: 130603
Ion Ratio Lower Upper
84 100
49 135.0 107.8 161.6
51 40.1 32.8 49.2
86 66.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.78 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MS

Tot Ion: 96 Resp: 121513

Ion Ratio Lower Upper

96 100

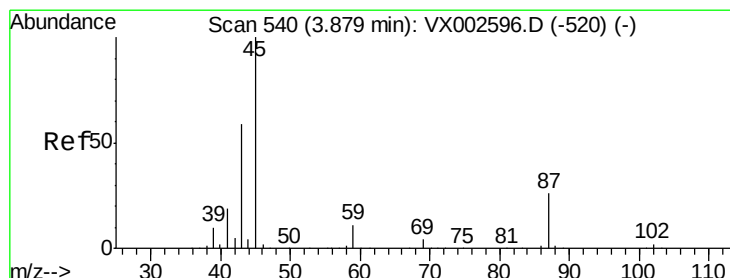
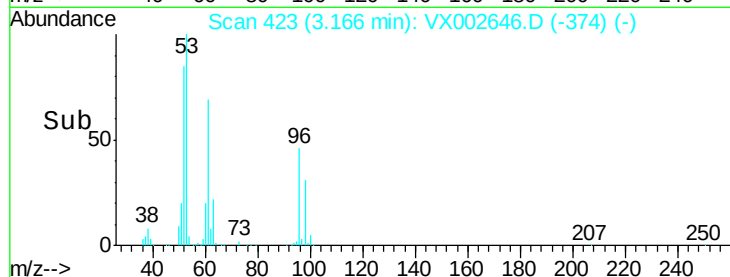
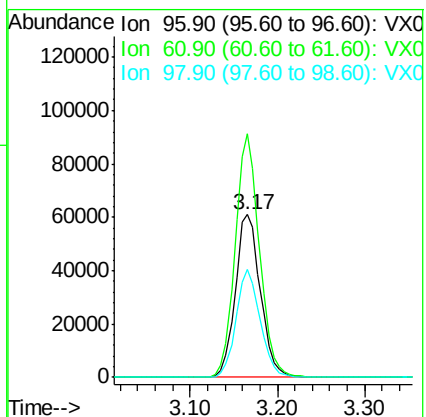
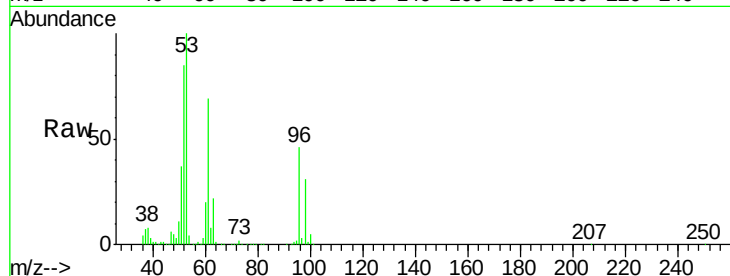
61 149.3 117.0 175.4

98 66.4 52.4 78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.61 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

Tgt Ion: 45 Resp: 409355

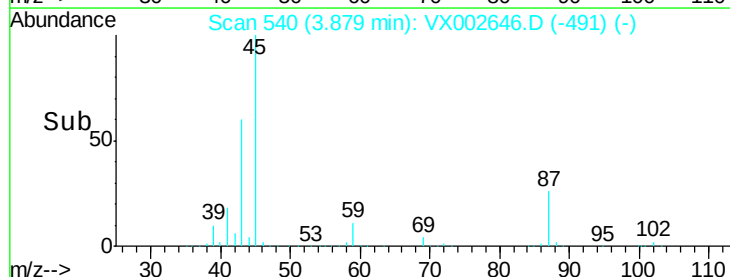
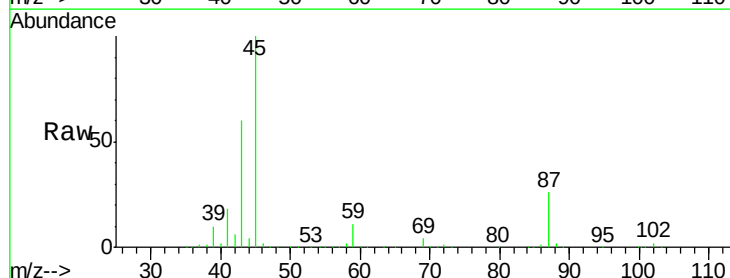
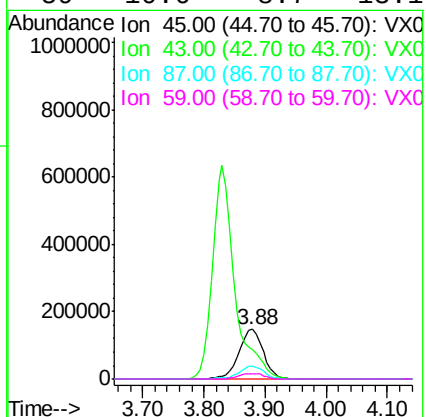
Ion Ratio Lower Upper

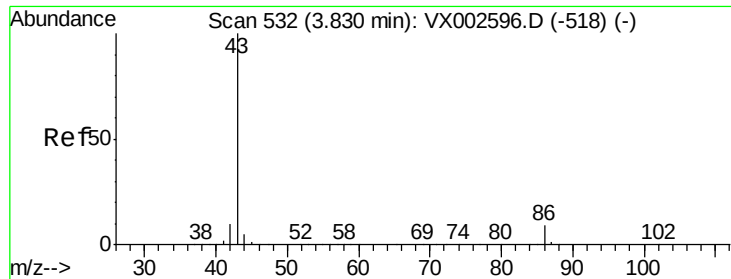
45 100

43 59.5 46.8 70.2

87 25.8 20.2 30.4

59 10.6 8.7 13.1





#23

Vinyl Acetate

Concen: 231.82 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MS

Tot Ion: 43 Resp: 1633928

Ion Ratio Lower Upper

43 100

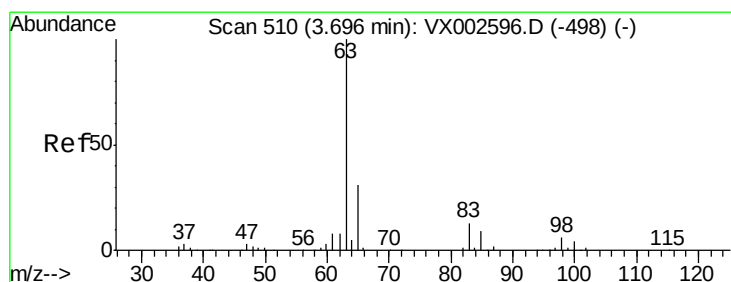
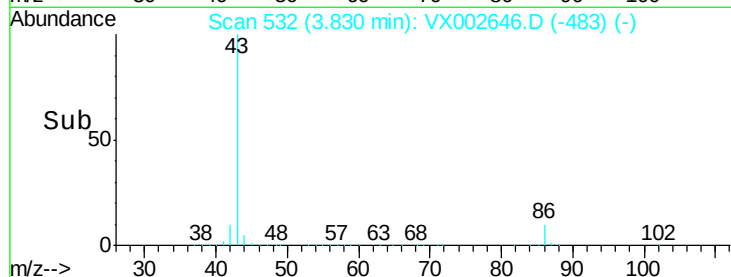
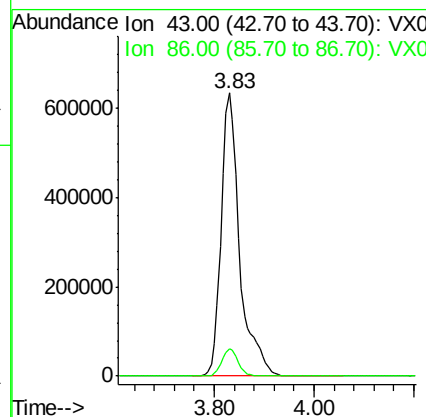
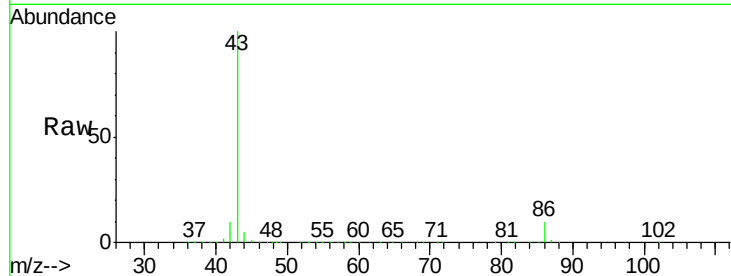
86 9.7 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.41 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

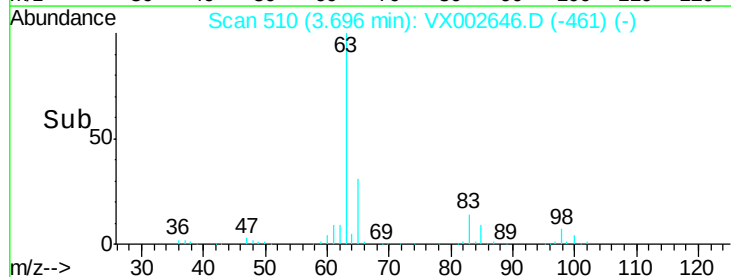
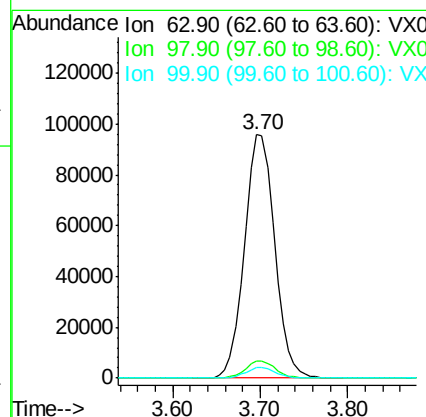
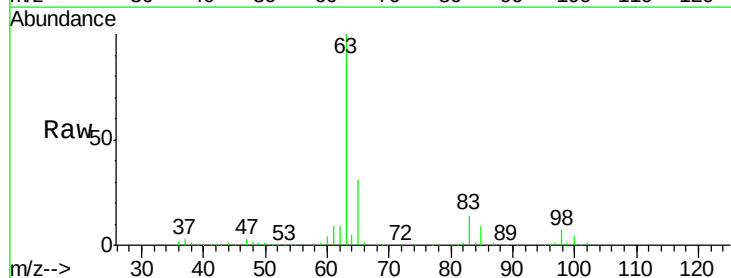
Tgt Ion: 63 Resp: 230425

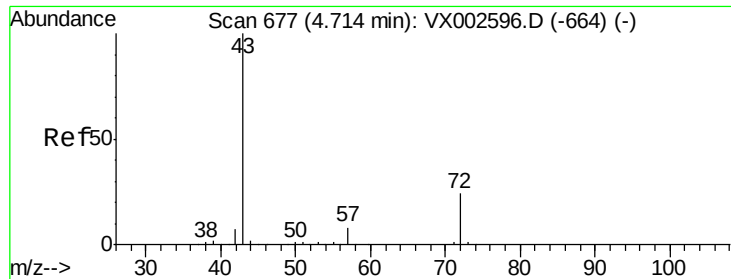
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 285.31 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MS

Tot Ion: 43 Resp: 527043

Ion Ratio Lower Upper

43 100

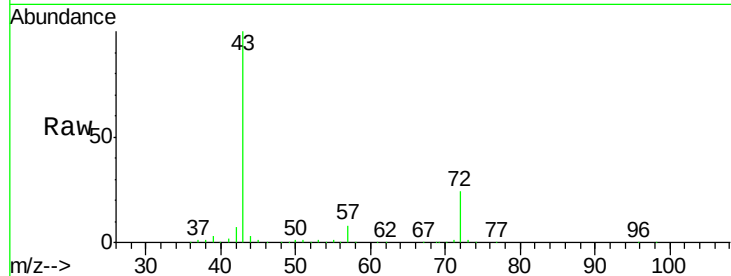
72 23.9 18.5 27.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

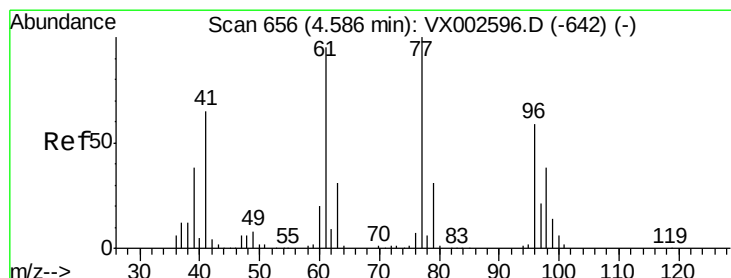
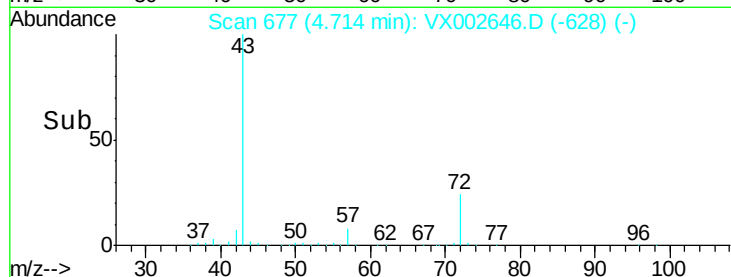
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 26.44 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX002646.D

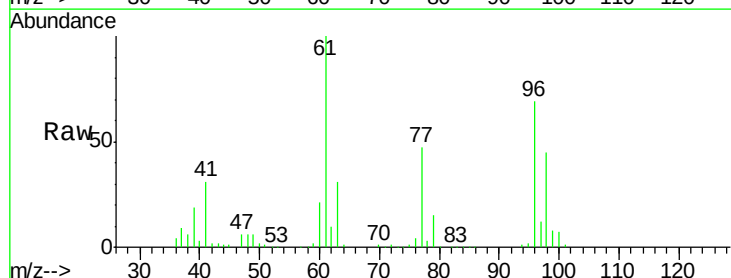
Acq: 16 Jun 2018 14:15

Tgt Ion: 77 Resp: 86820

Ion Ratio Lower Upper

77 100

97 26.6 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

25000

20000

15000

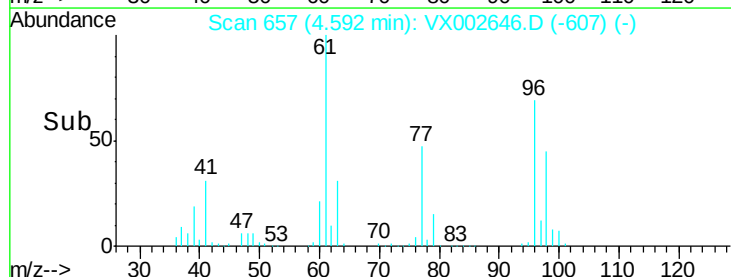
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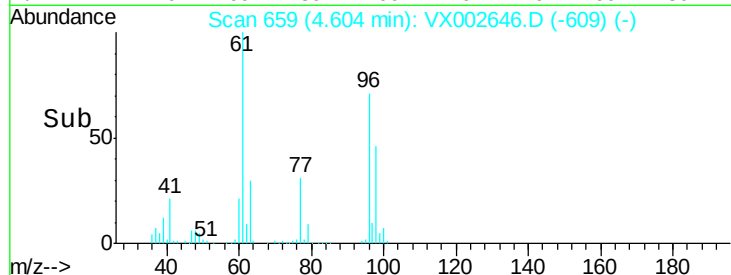
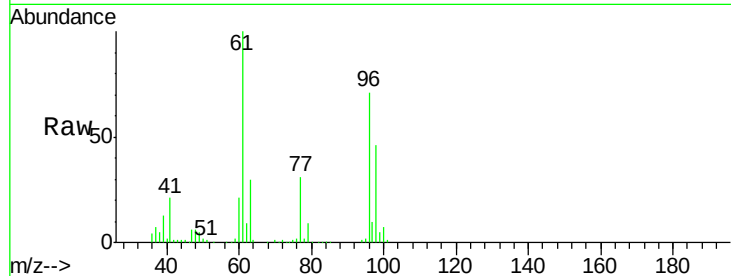
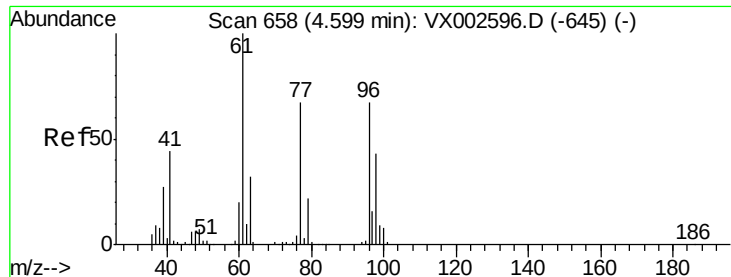
5000

0

4.40 4.50 4.60 4.70

Time-->





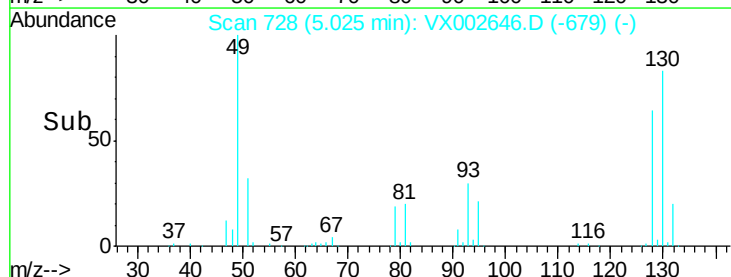
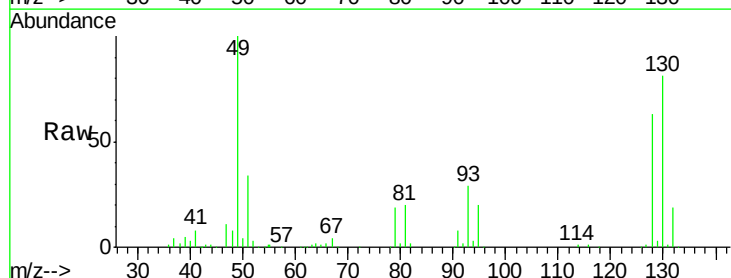
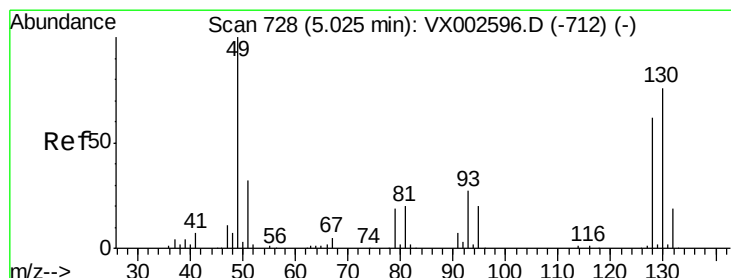
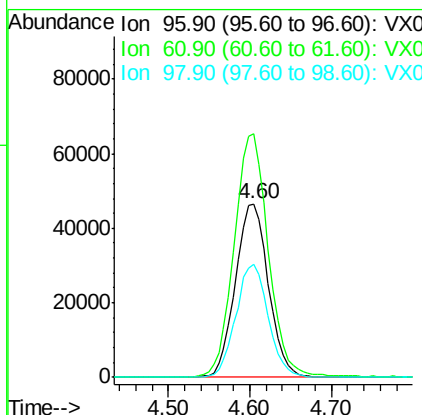
#27
 cis-1,2-Dichloroethene
 Concen: 50.58 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX002646.D
 Acq: 16 Jun 2018 14:15

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.4	0.0	330.2	
98	63.9	0.0	130.2	

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611MS

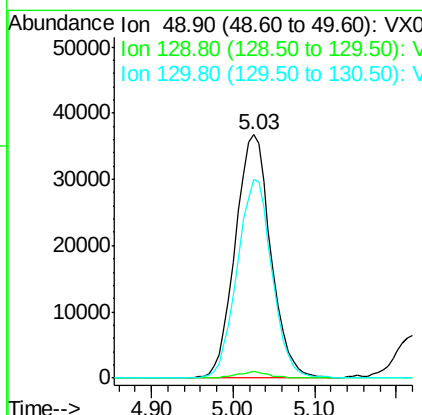
Manual Integrations
 APPROVED

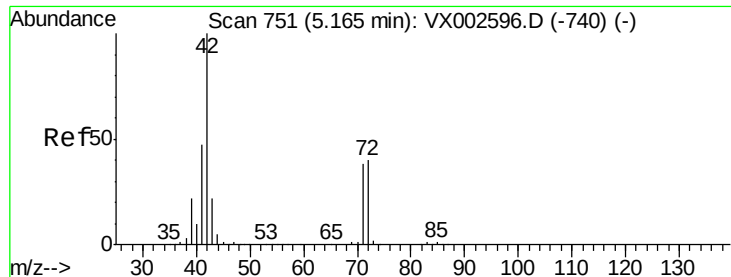
MMDadoda
 6/18/2018 5:12:11 PM



#28
 Bromochloromethane
 Concen: 51.88 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX002646.D
 Acq: 16 Jun 2018 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.3	0.0	4.2	
130	79.9	61.2	91.8	





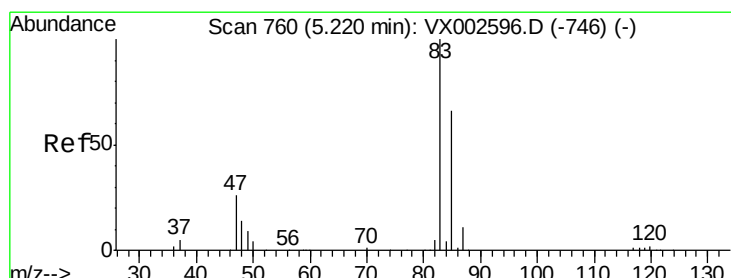
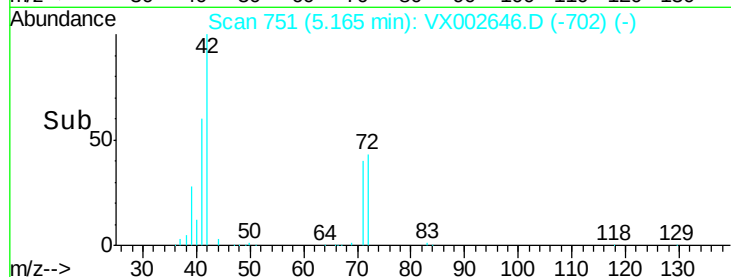
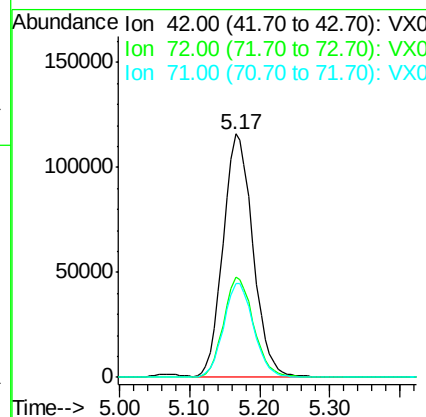
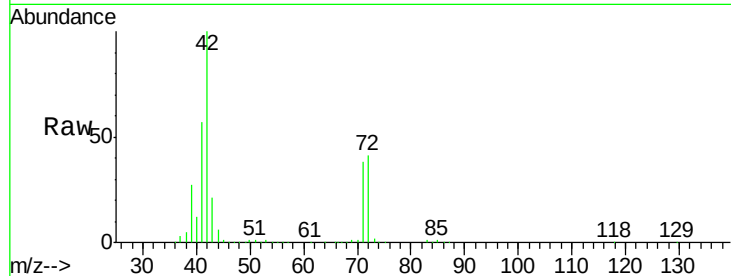
#29
Tetrahydrofuran
Concen: 282.25 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	32.0	48.0
71	38.9	30.1	45.1

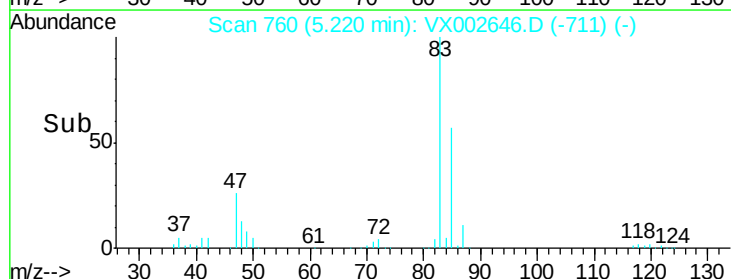
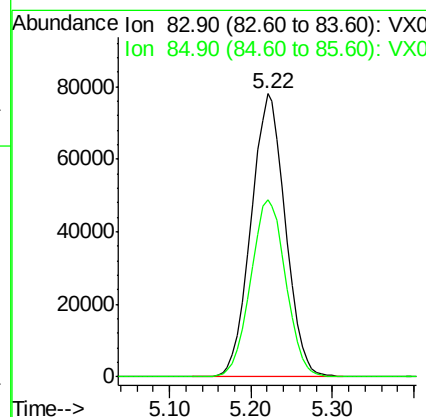
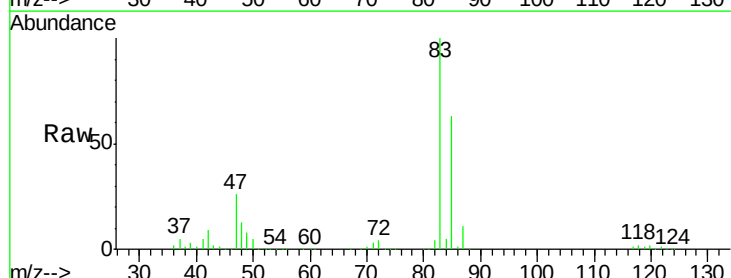
Manual Integrations
APPROVED

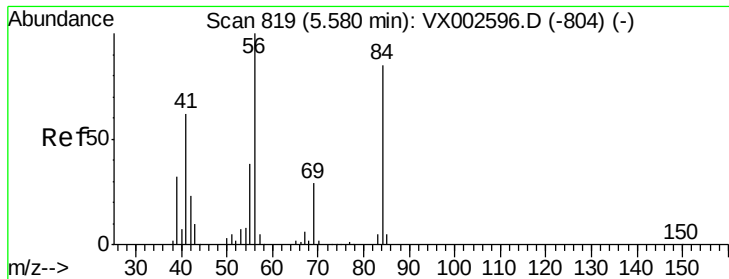
MMDadoda
6/18/2018 5:12:11 PM



#30
Chloroform
Concen: 51.76 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.4	75.6





#31

Cyclohexane

Concen: 49.60 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MS

Tot Ion: 56 Resp: 186653

Ion Ratio Lower Upper

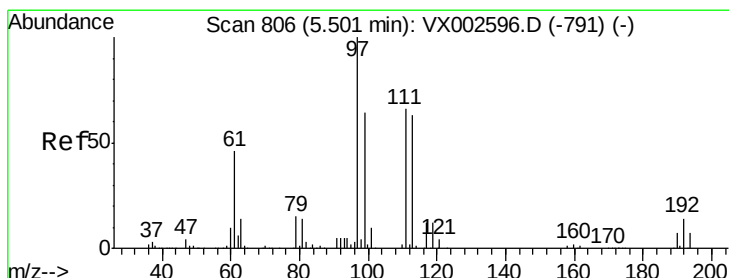
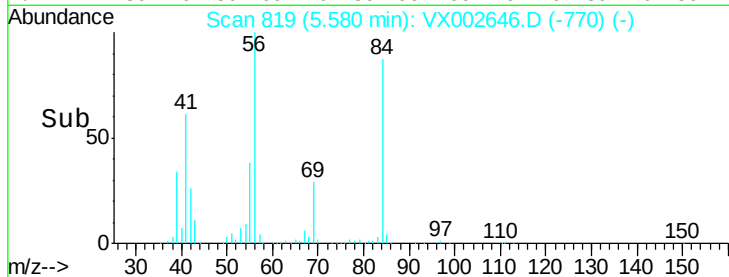
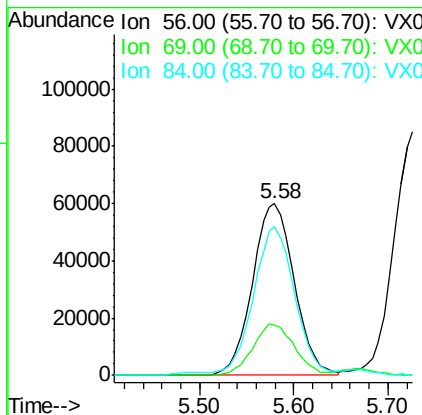
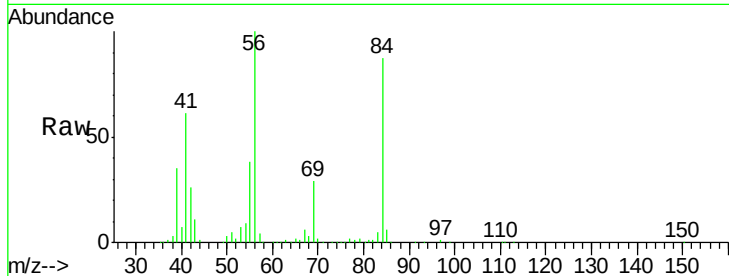
56 100

69 29.4 23.7 35.5

84 84.9 64.1 96.1

Manual Integrations
APPROVED

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6/18/2018 5:12:11 PM



#32

1,1,1-Trichloroethane

Concen: 52.68 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

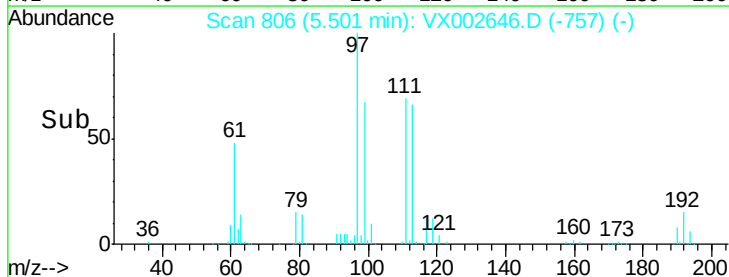
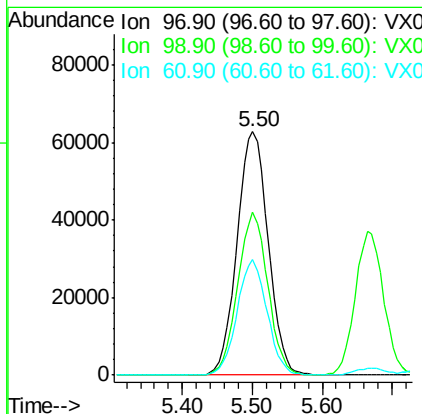
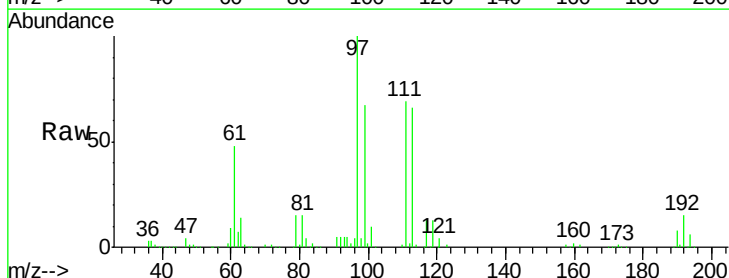
Tgt Ion: 97 Resp: 194206

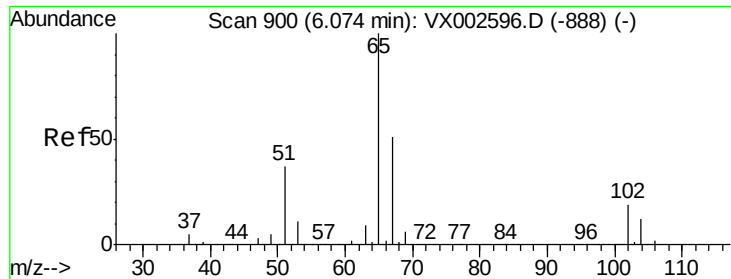
Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

61 45.7 36.4 54.6





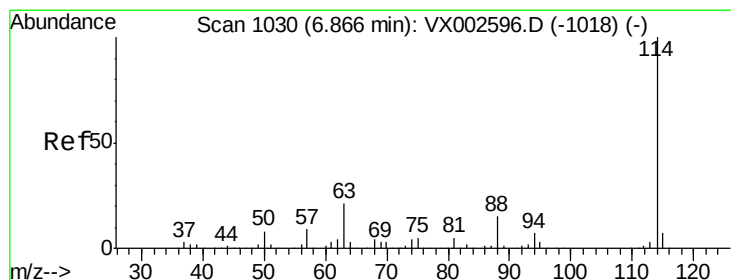
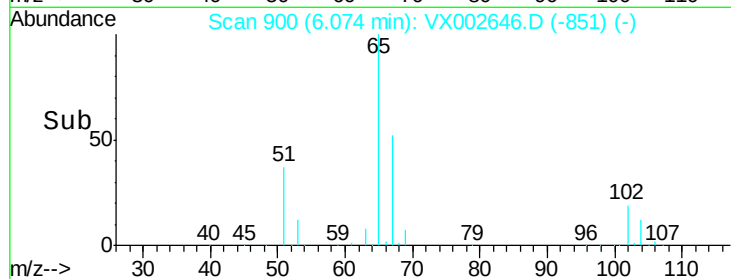
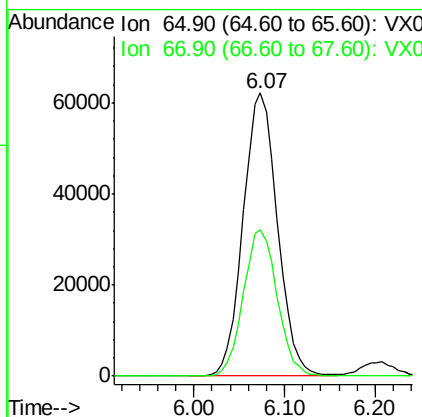
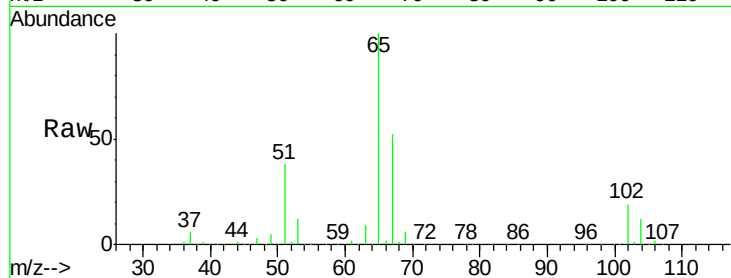
#33
 1,2-Dichloroethane-d4
 Concen: 51.14 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002646.D
 Acq: 16 Jun 2018 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	163035		
67	51.2	0.0	102.6	

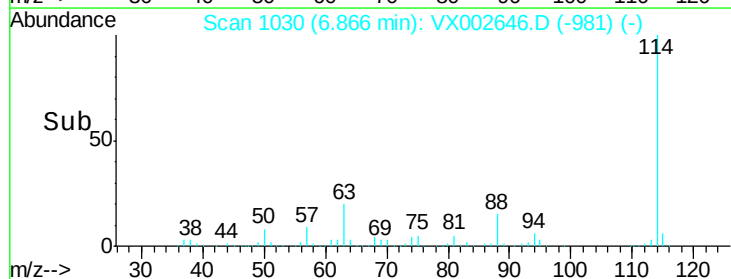
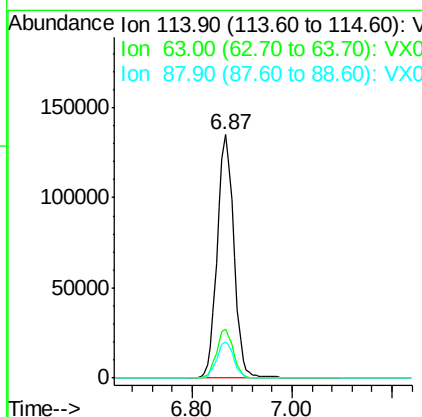
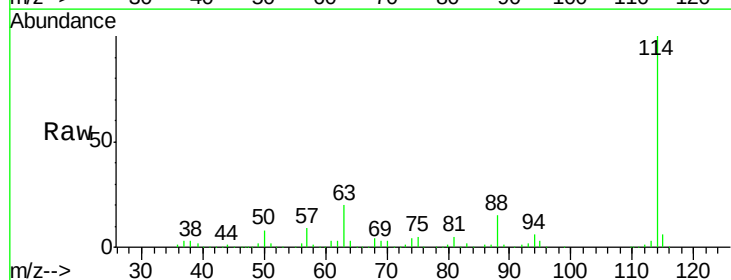
Manual Integrations
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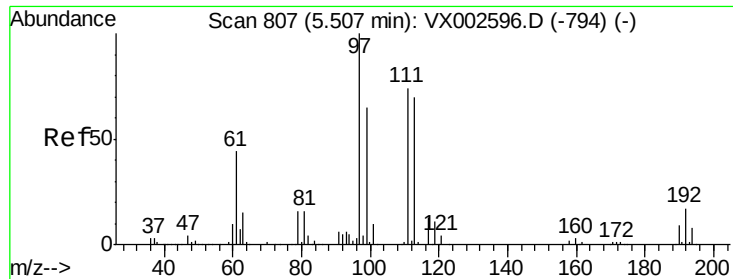
MMDadoda
 6/18/2018 5:12:11 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002646.D
 Acq: 16 Jun 2018 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	314102		
63	20.3	0.0	41.4	
88	15.1	0.0	30.0	





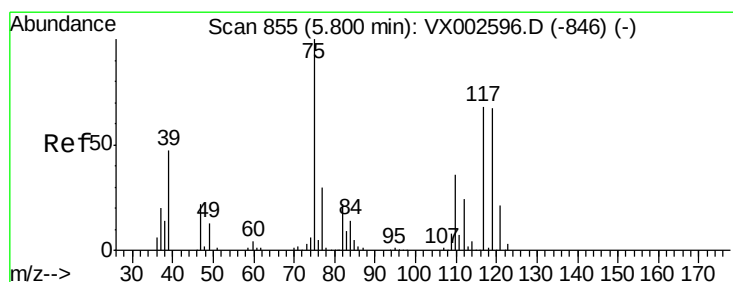
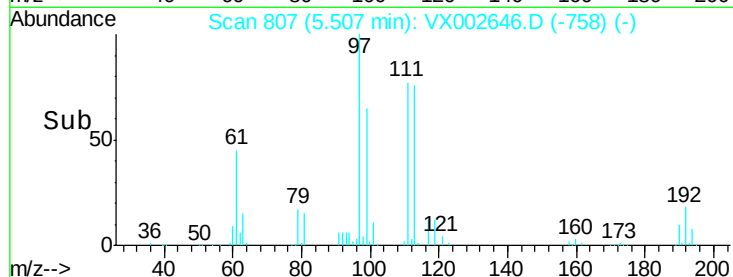
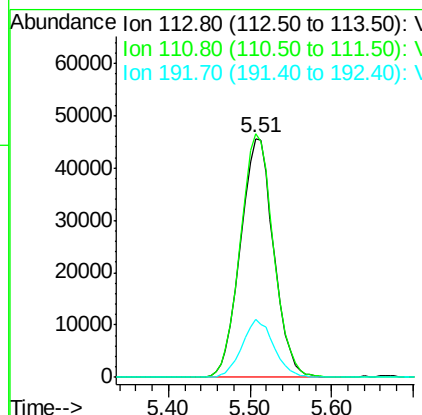
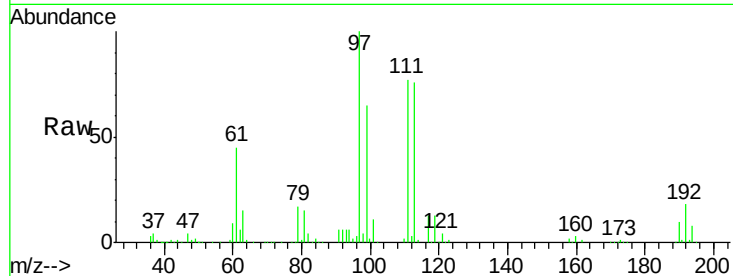
#35
Dibromofluoromethane
Concen: 51.48 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	129055		
111	102.0	81.4	122.0	
192	23.4	19.1	28.7	

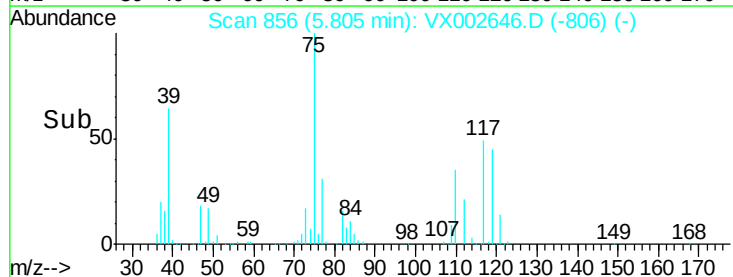
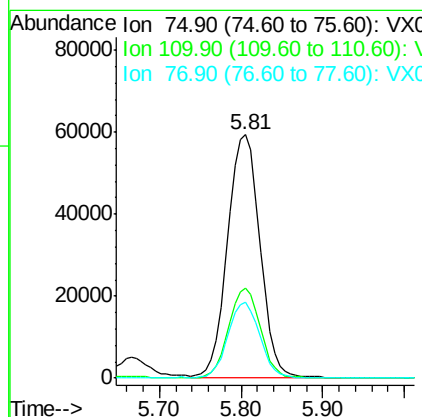
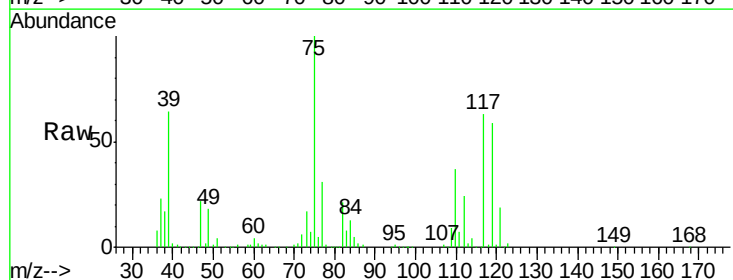
Manual Integrations
APPROVED

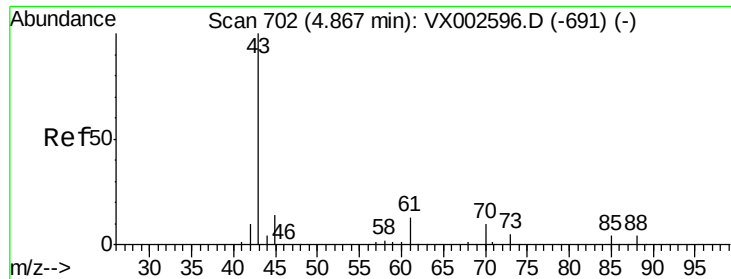
MMDadoda
6/18/2018 5:12:11 PM



#36
1,1-Dichloropropene
Concen: 48.67 ug/l
RT: 5.81 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	162361		
110	36.5	18.1	54.4	
77	31.0	24.3	36.5	





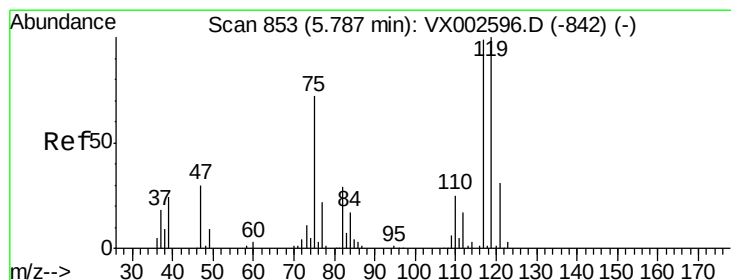
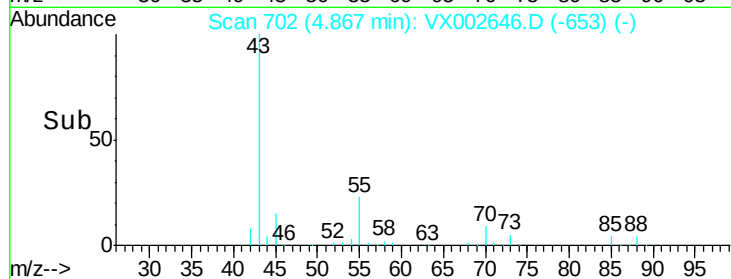
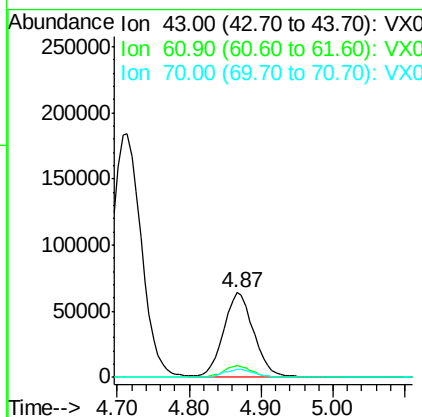
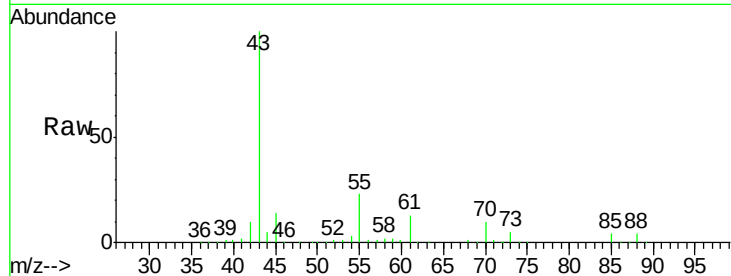
#37
Ethyl Acetate
Concen: 49.47 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.4	15.6
70	9.5	7.6	11.4

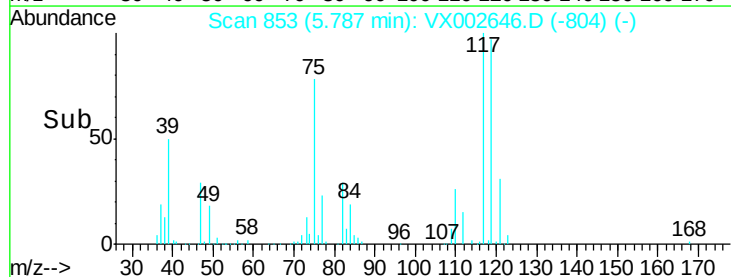
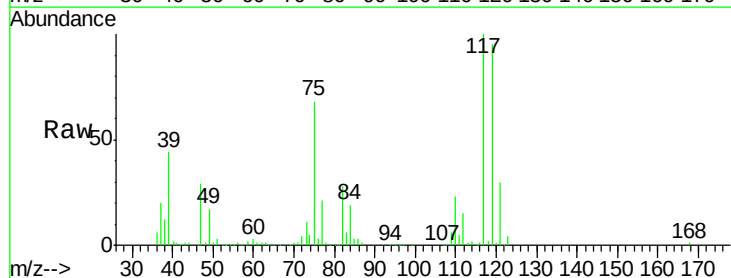
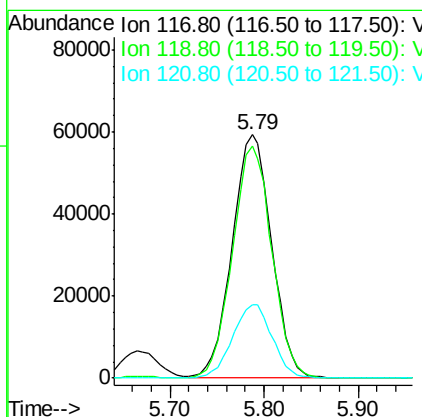
Manual Integrations
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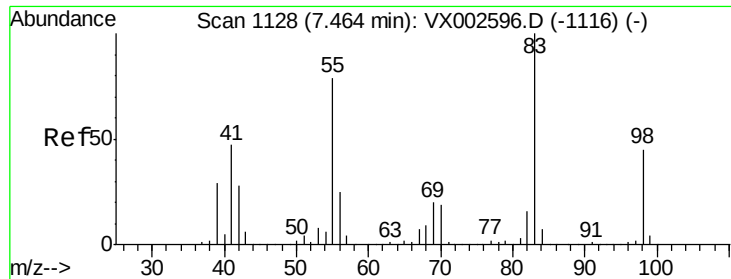
MMDadoda
6/18/2018 5:12:11 PM



#38
Carbon Tetrachloride
Concen: 51.96 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.4	116.0
121	30.4	24.4	36.6





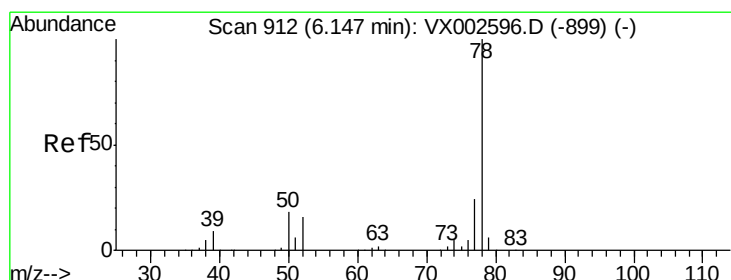
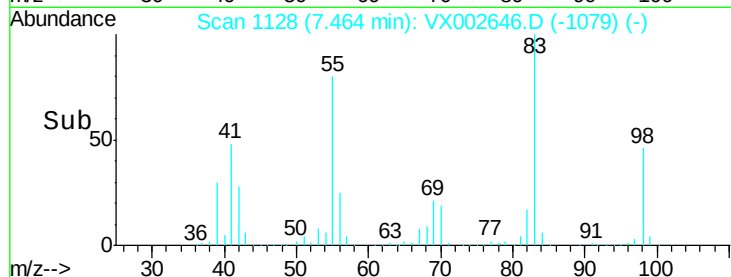
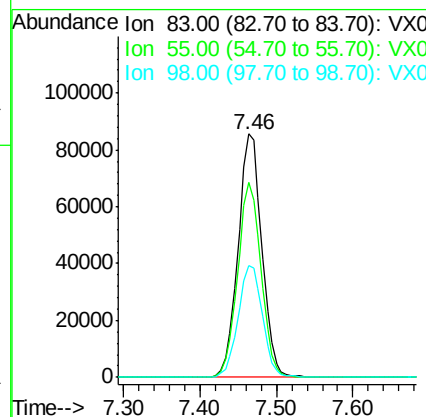
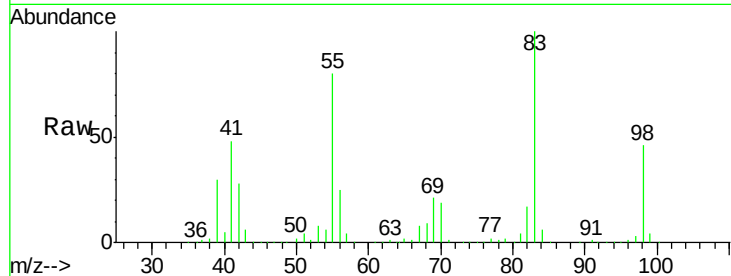
#39
Methylvlcyclohexane
Concen: 47.20 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MS

Tot Ion	83.00	Resp	184068
Ion	Ratio	Lower	Upper
83	100		
55	80.3	65.4	98.0
98	46.1	37.4	56.0

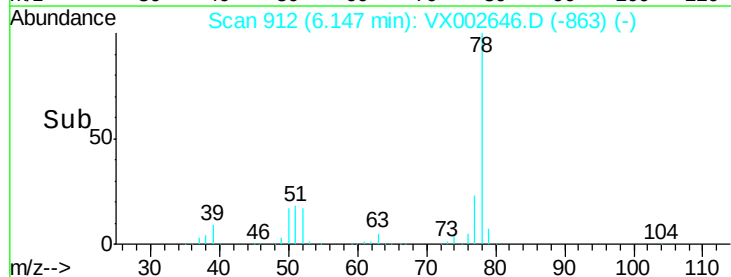
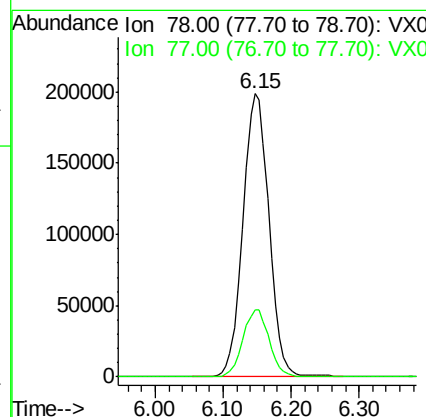
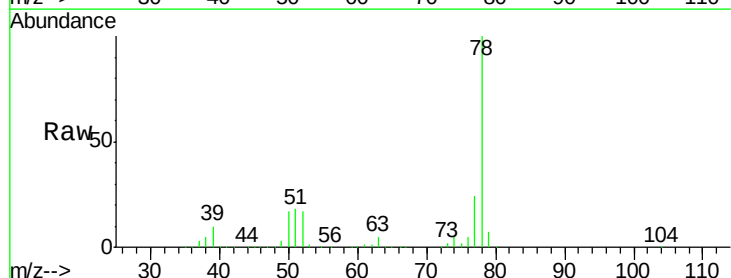
Manual Integrations
APPROVED

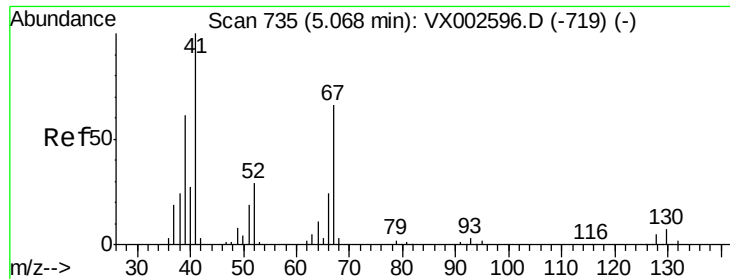
MMDadoda
6/18/2018 5:12:11 PM



#40
Benzene
Concen: 52.78 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Tgt Ion	78	Resp	527968
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.1	28.7





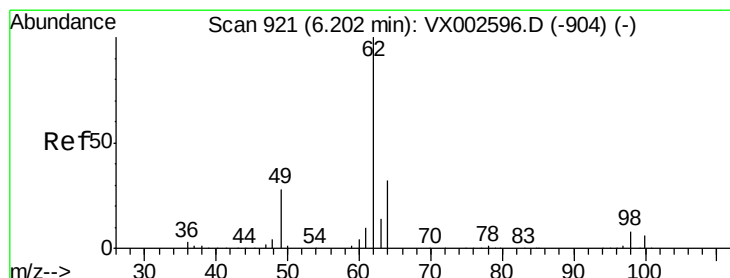
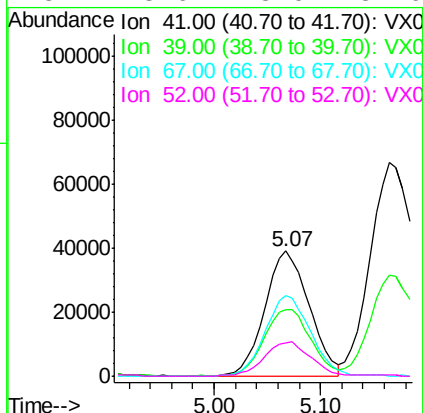
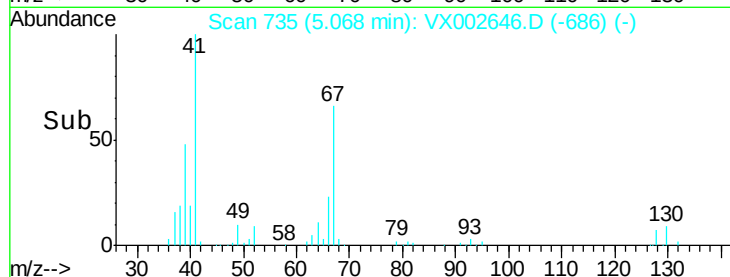
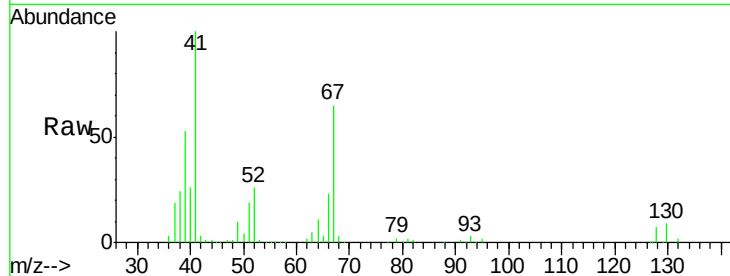
#41
Methacrylonitrile
Concen: 52.78 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.7	45.8	68.6	
67	66.6	51.3	76.9	
52	28.6	23.0	34.6	

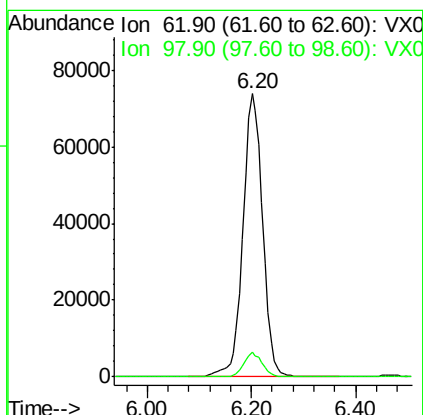
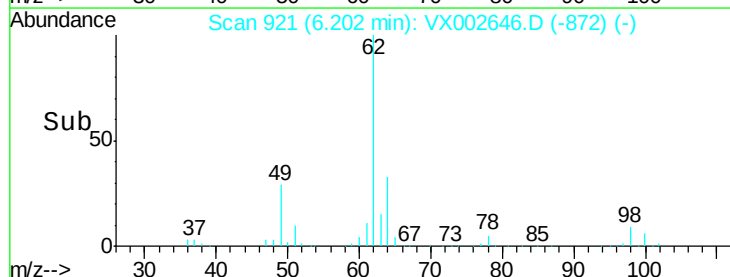
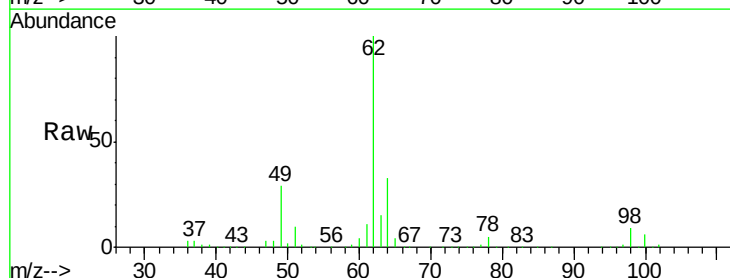
Manual Integrations
APPROVED

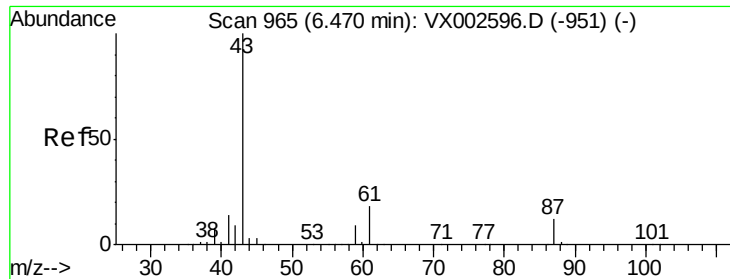
MMDadoda
6/18/2018 5:12:11 PM



#42
1,2-Dichloroethane
Concen: 49.77 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	16.6	





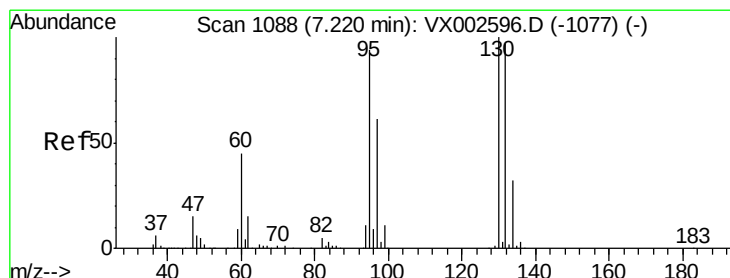
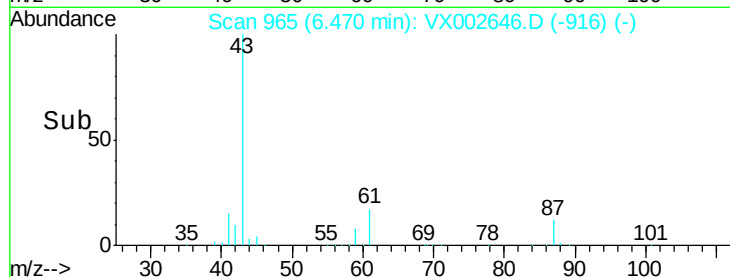
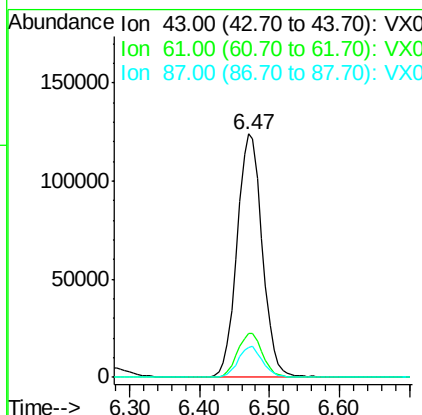
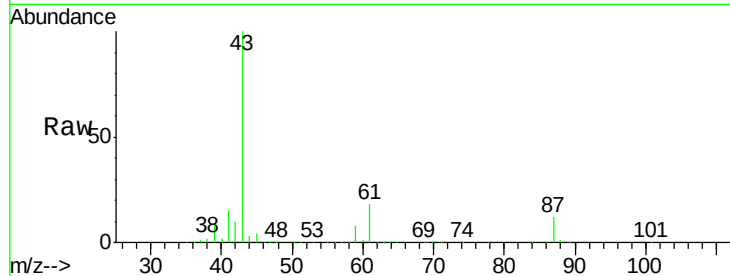
#43
Isopropyl Acetate
Concen: 49.37 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.4	21.6
87	12.2	9.5	14.3

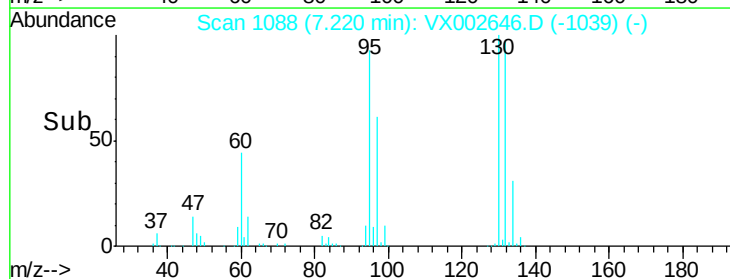
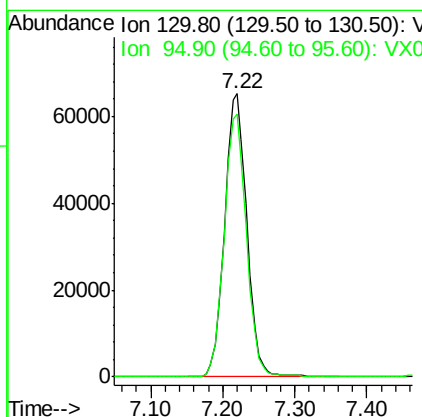
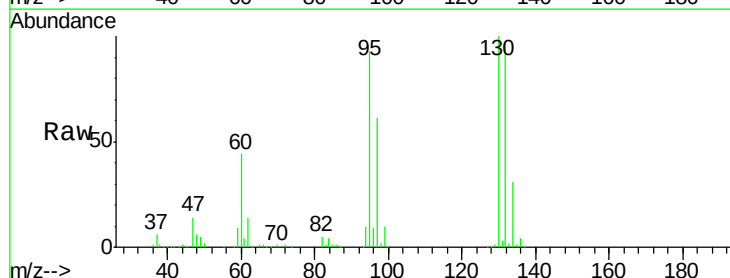
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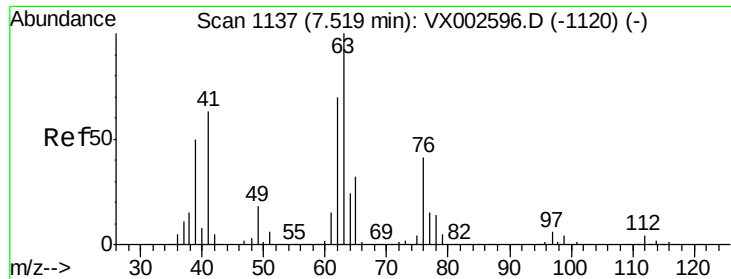
MMDadoda
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#44
Trichloroethene
Concen: 48.58 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	185.4





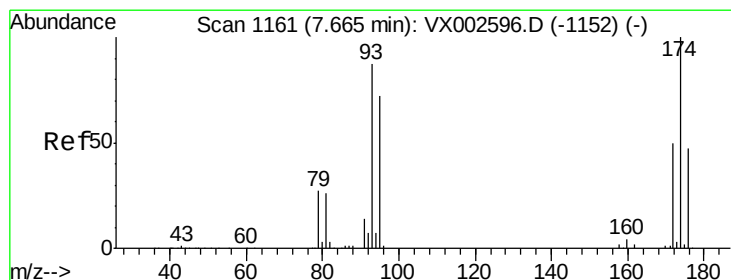
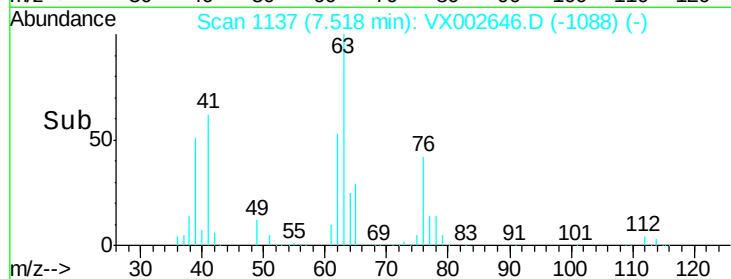
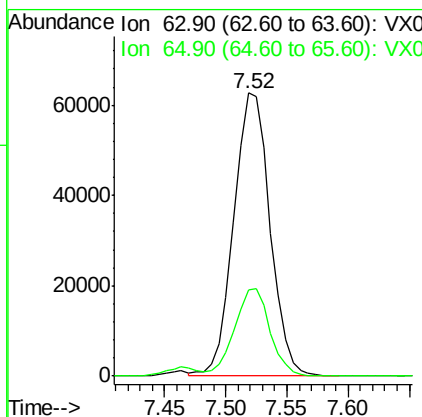
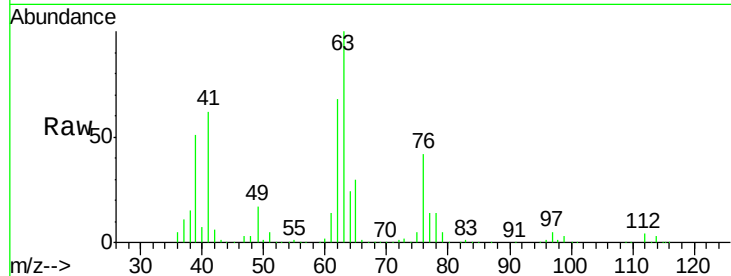
#45
 1,2-Dichloropropane
 Concen: 48.69 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002646.D
 Acq: 16 Jun 2018 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611MS

Tot Ion: 63 Resp: 128194
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.7 37.1

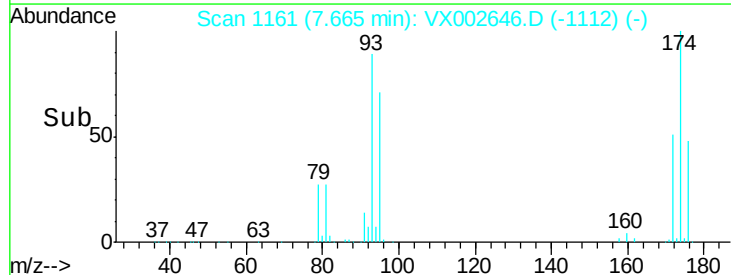
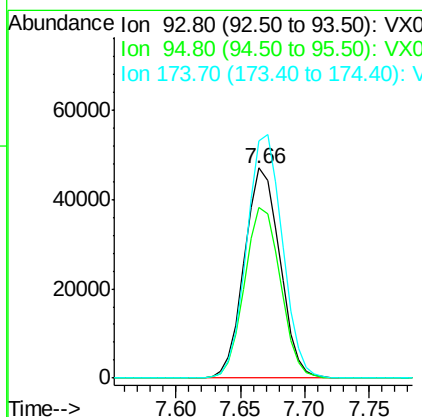
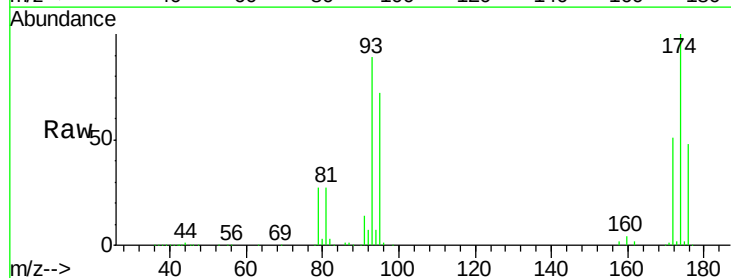
Manual Integrations
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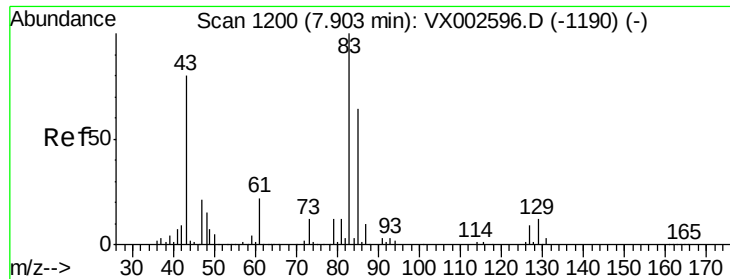
MMDadoda
 6/18/2018 5:12:11 PM



#46
 Dibromomethane
 Concen: 51.14 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002646.D
 Acq: 16 Jun 2018 14:15

Tgt Ion: 93 Resp: 90056
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.9 98.9
 174 116.6 92.4 138.6





#47

Bromodichloromethane

Concen: 52.69 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

Instrument :

MSVOA_X

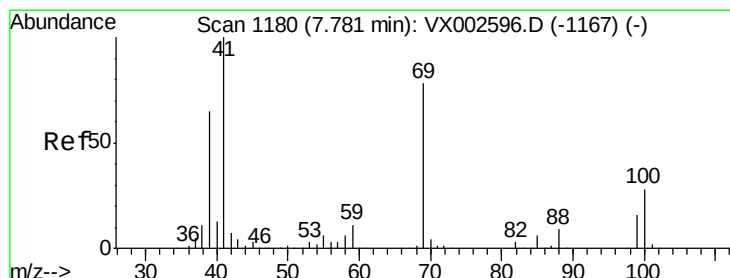
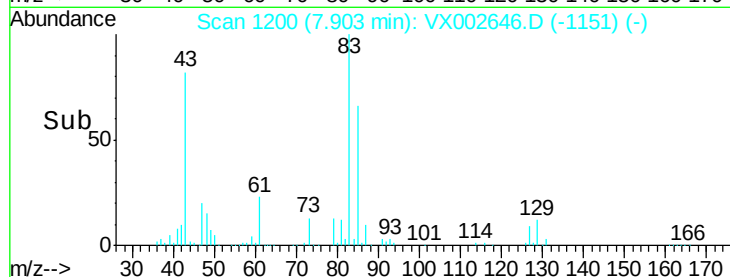
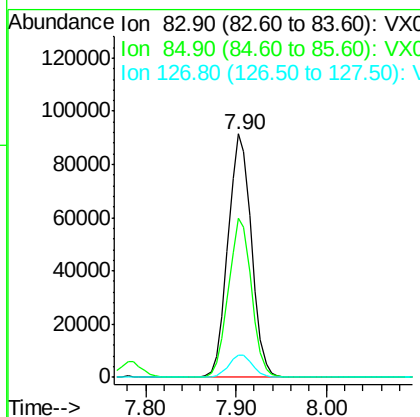
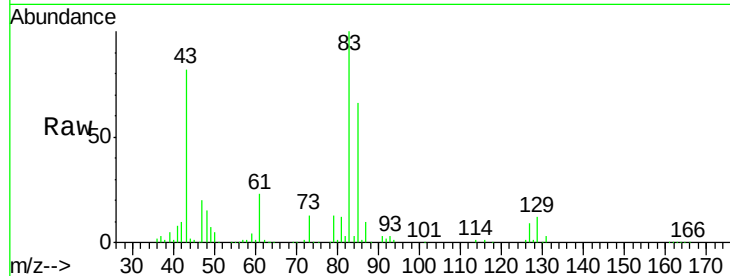
ClientSampleId :

SS003RW114R-180611MS

Tot Ion:	83	Resp:	163642
Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.3	75.5
127	9.2	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.23 ug/l

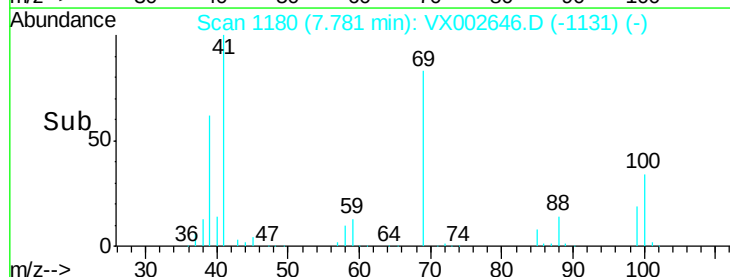
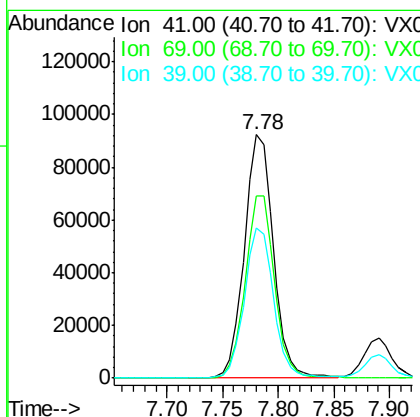
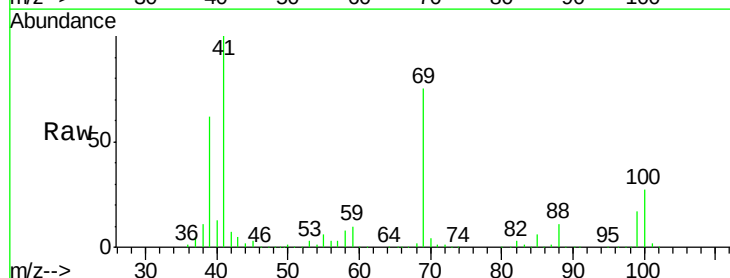
RT: 7.78 min Scan# 1180

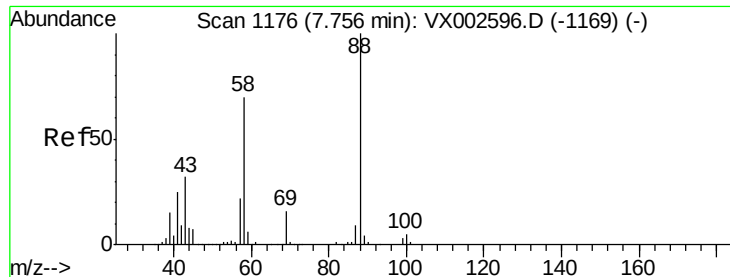
Delta R.T. -0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

Tgt Ion:	41	Resp:	166973
Ion	Ratio	Lower	Upper
41	100		
69	76.5	59.1	88.7
39	62.0	48.9	73.3





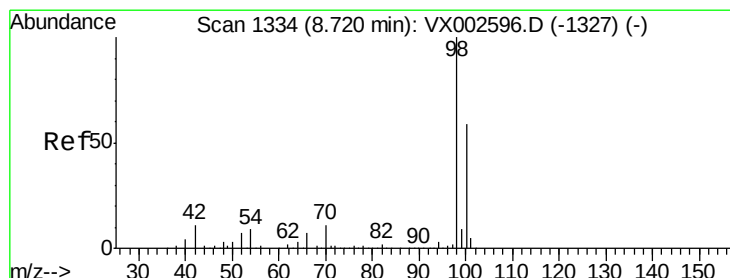
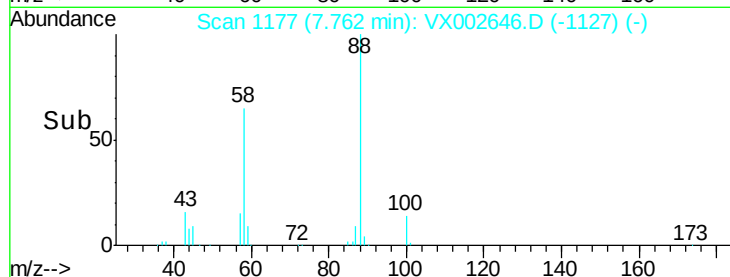
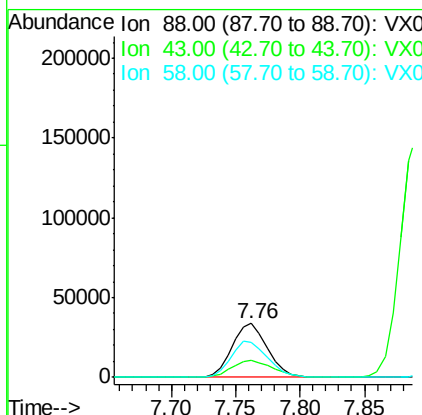
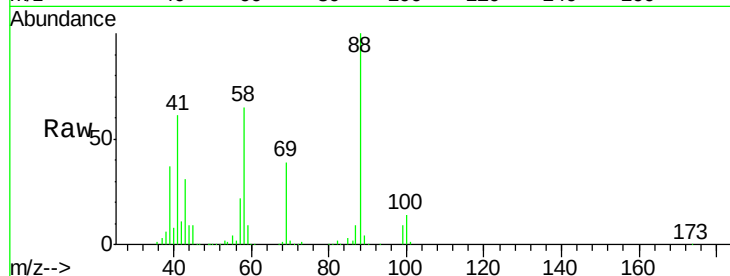
#49
1,4-Dioxane
Concen: 1063.41 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.0	29.8	44.6
58	70.1	57.1	85.7

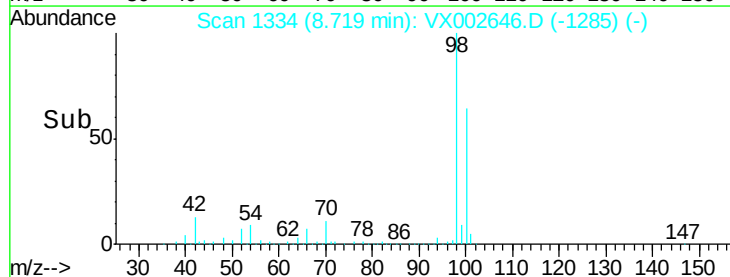
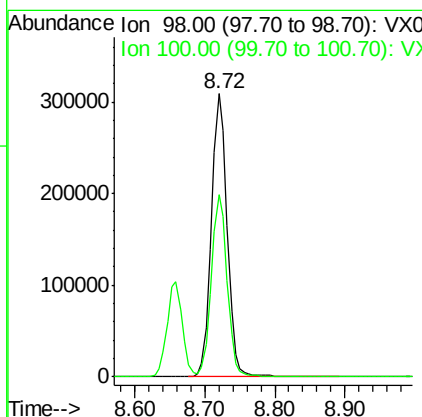
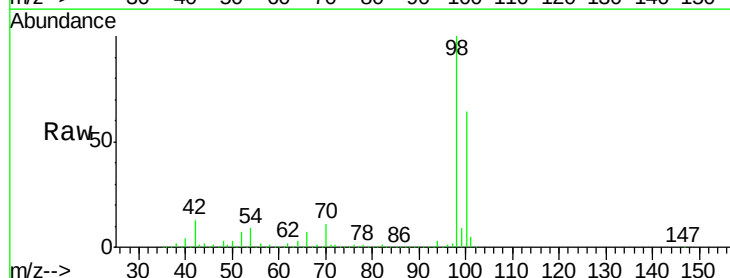
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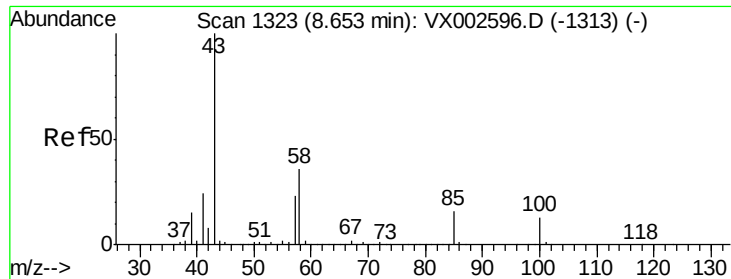
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#50
Toluene-d8
Concen: 50.90 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3





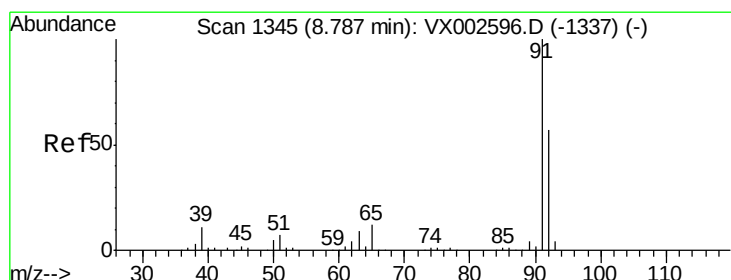
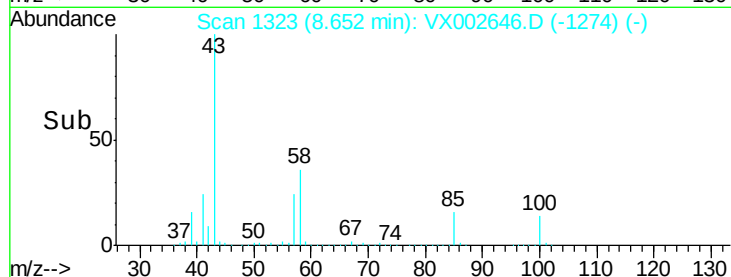
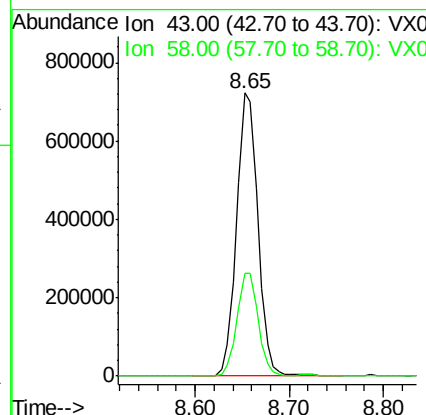
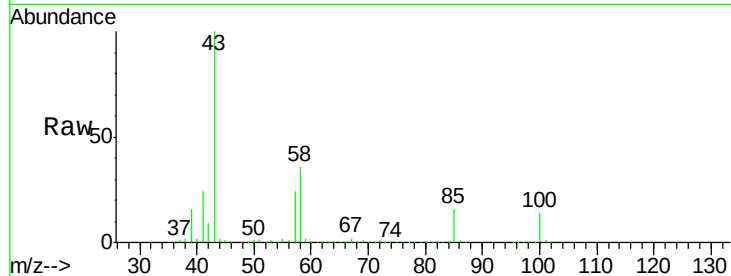
#51
4-Methyl-2-Pentanone
Concen: 282.54 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MS

Tot Ion: 43 Resp: 1134860
Ion Ratio Lower Upper
43 100
58 36.3 28.6 42.8

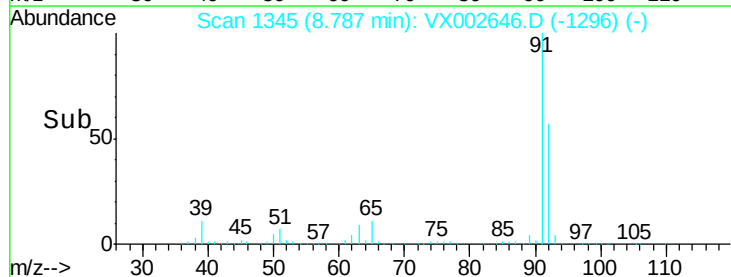
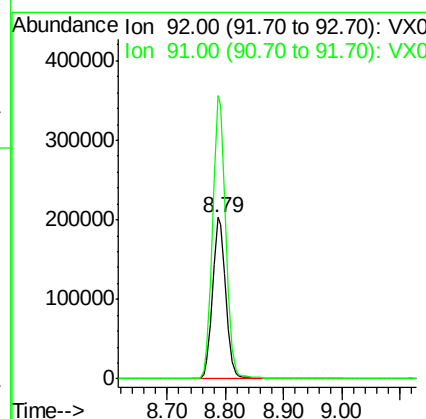
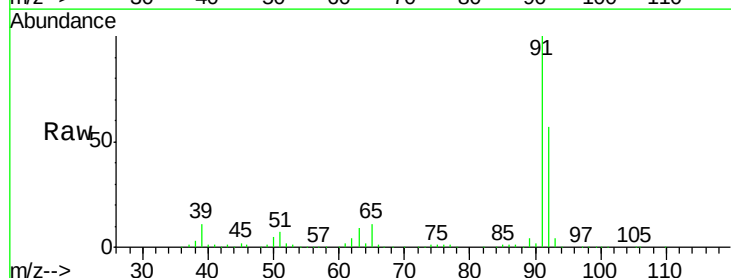
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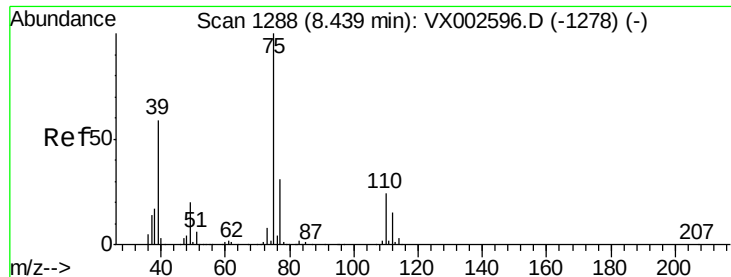
MMDadoda
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#52
Toluene
Concen: 50.43 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Tgt Ion: 92 Resp: 321797
Ion Ratio Lower Upper
92 100
91 174.7 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 42.48 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MS

Tot Ion: 75 Resp: 173080

Ion Ratio Lower Upper

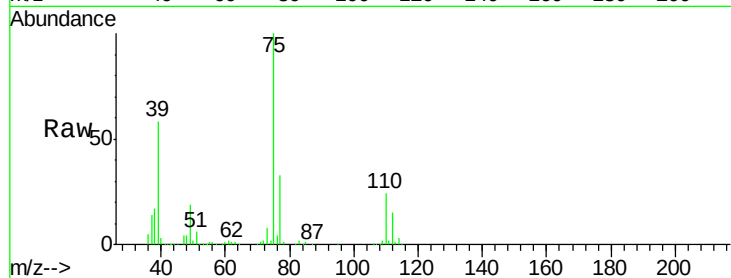
75 100

77 32.6 25.4 38.2

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

120000

100000

80000

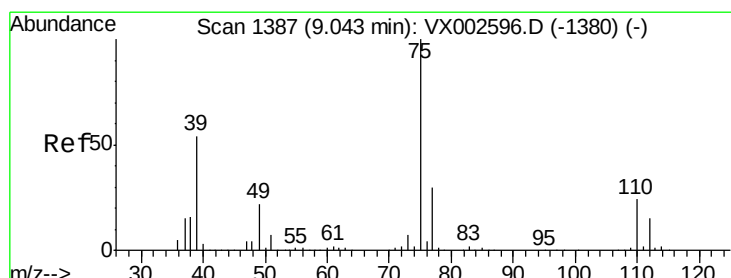
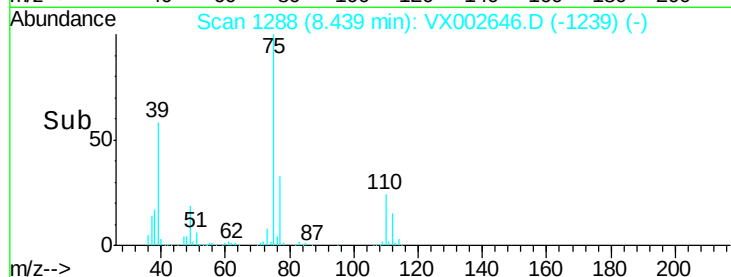
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 42.34 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

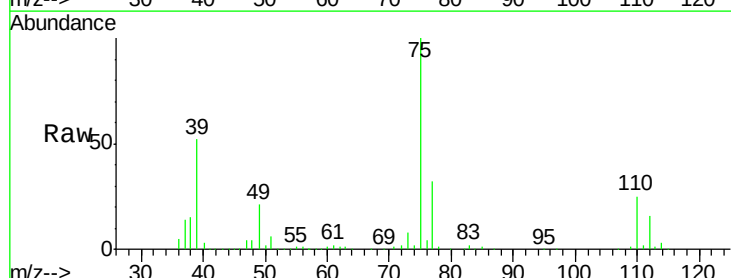
Tgt Ion: 75 Resp: 163993

Ion Ratio Lower Upper

75 100

77 32.3 24.8 37.2

39 51.8 42.4 63.6



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

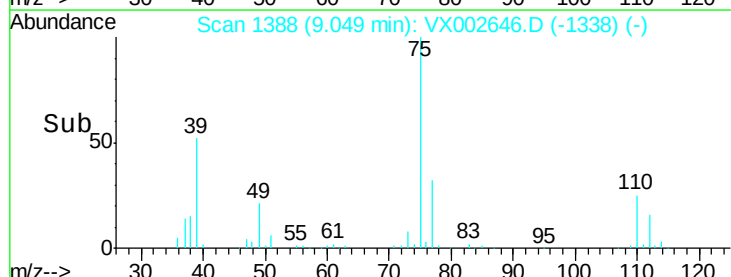
150000

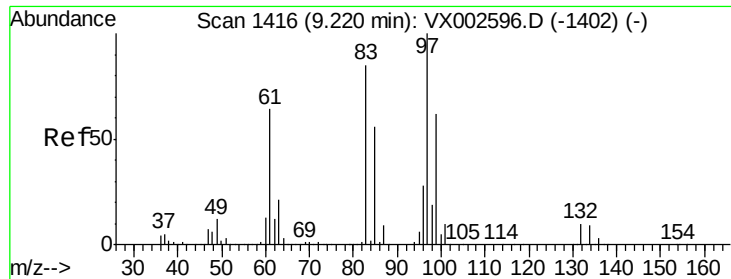
100000

50000

0

Time-->





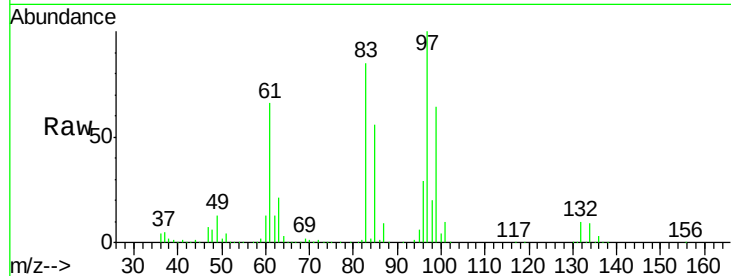
#55
 1,1,2-Trichloroethane
 Concen: 50.93 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002646.D
 Acq: 16 Jun 2018 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611MS

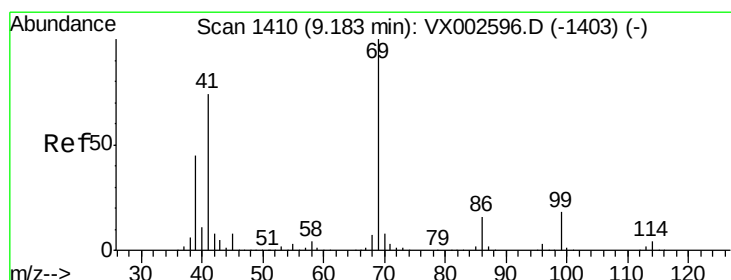
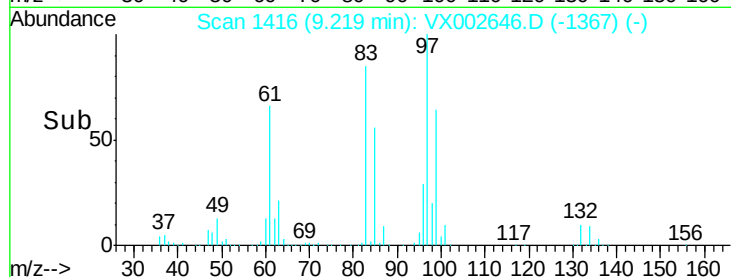
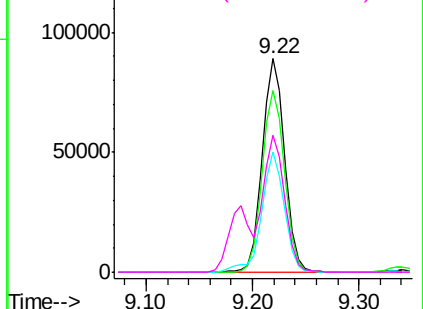
Tot Ion:	97	Resp:	131318
Ion	Ratio	Lower	Upper
97	100		
83	85.2	70.2	105.2
85	56.1	44.9	67.3
99	63.9	49.8	74.8

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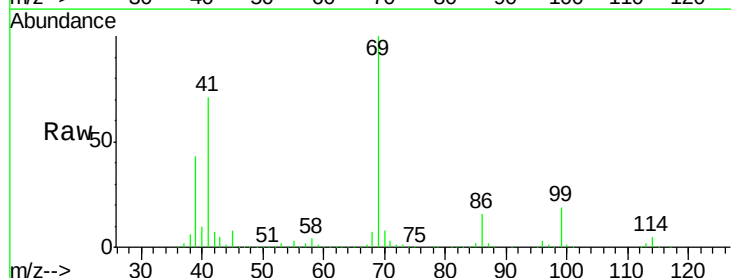


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

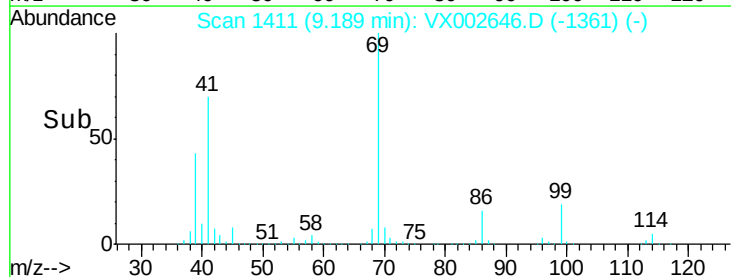
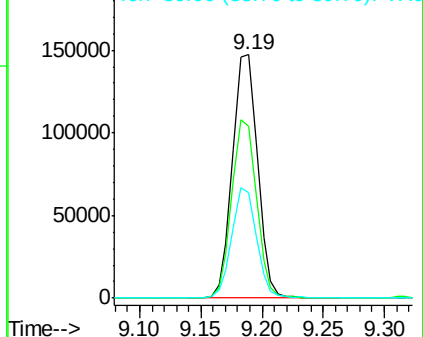


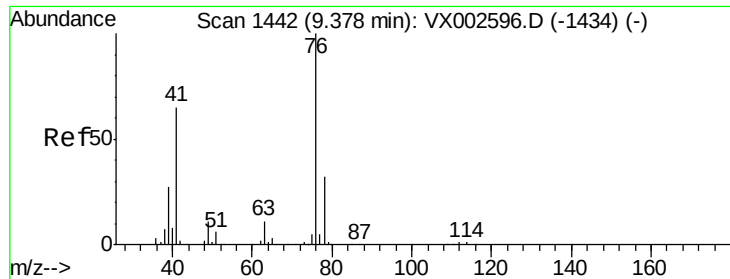
#56
 Ethyl methacrylate
 Concen: 52.78 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX002646.D
 Acq: 16 Jun 2018 14:15

Tgt Ion:	69	Resp:	209431
Ion	Ratio	Lower	Upper
69	100		
41	72.4	60.3	90.5
39	44.2	35.8	53.8



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





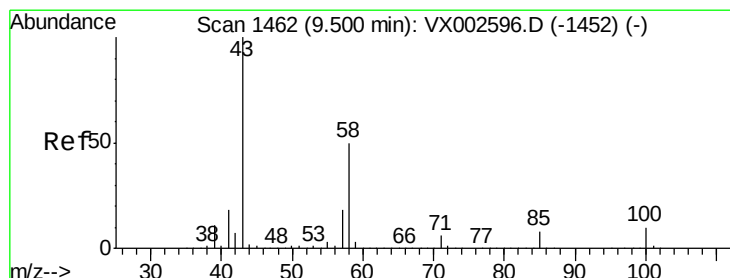
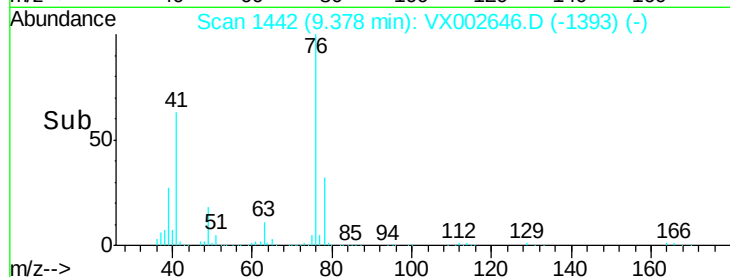
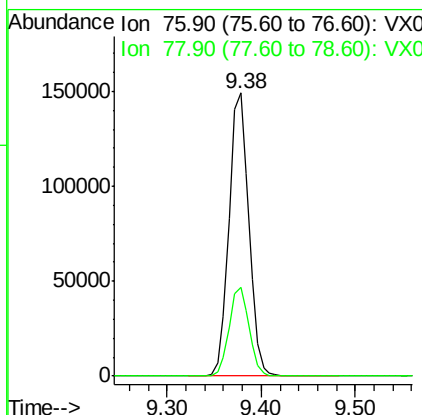
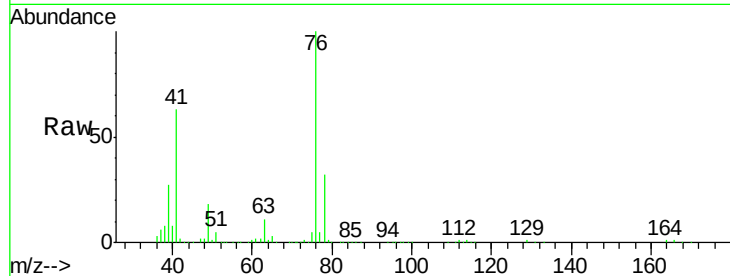
#57
 1,3-Dichloropropane
 Concen: 49.95 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002646.D
 Acq: 16 Jun 2018 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611MS

Tot Ion: 76 Resp: 217800
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.6

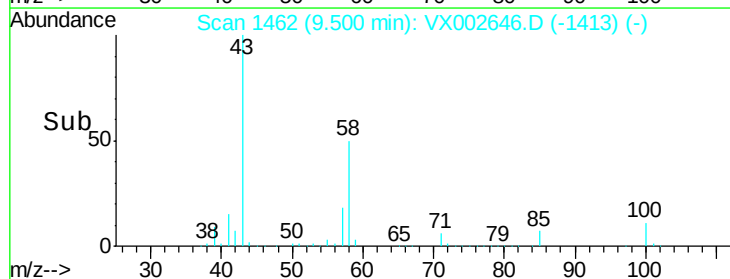
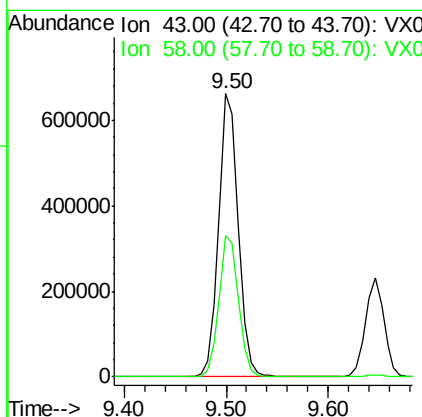
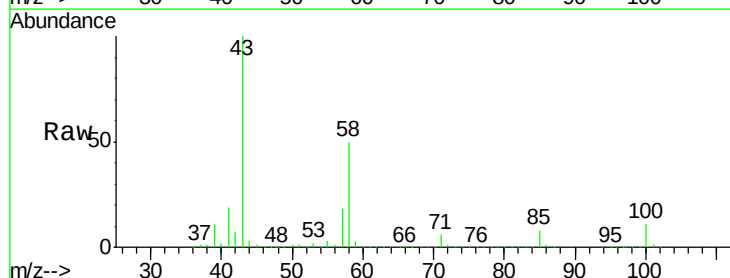
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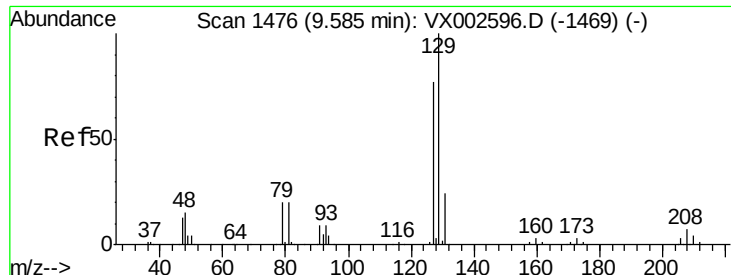
MMDadoda
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#59
 2-Hexanone
 Concen: 296.97 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VX002646.D
 Acq: 16 Jun 2018 14:15

Tgt Ion: 43 Resp: 898858
 Ion Ratio Lower Upper
 43 100
 58 50.3 24.6 73.6





#60

Dibromochloromethane

Concen: 47.60 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MS

Tot Ion:129 Resp: 137478

Ion Ratio Lower Upper

129 100

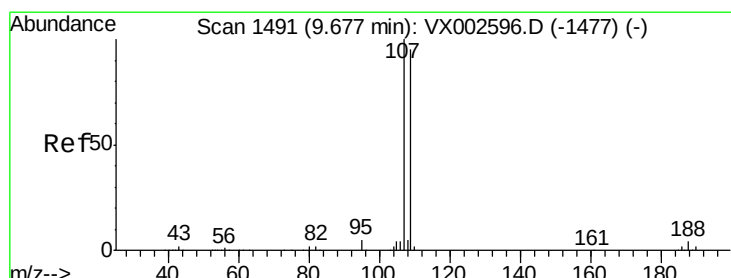
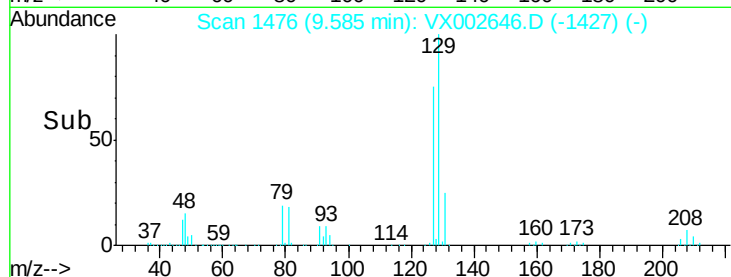
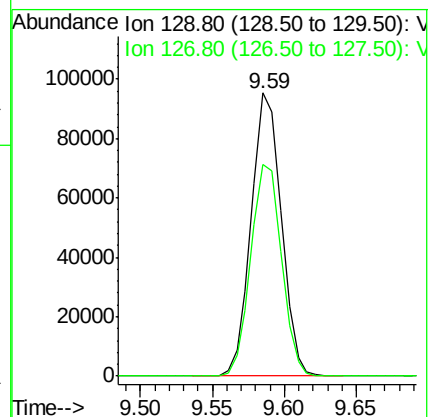
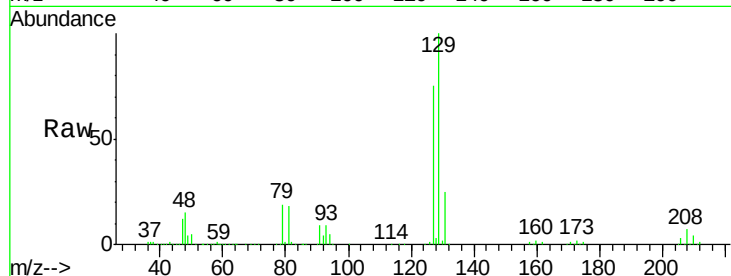
127 76.5 38.5 115.3

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 53.11 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002646.D

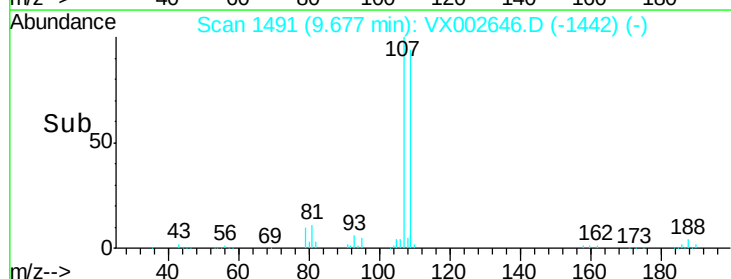
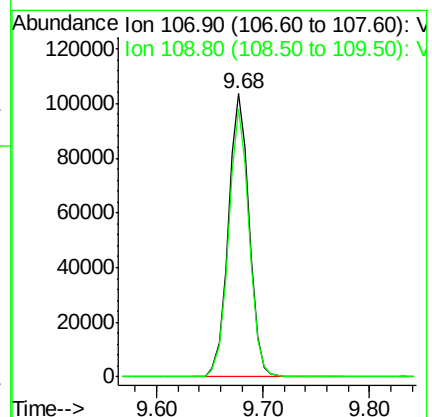
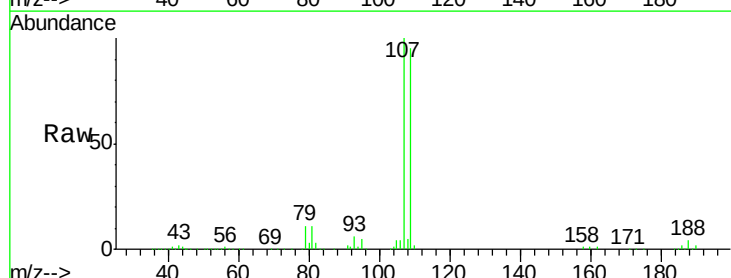
Acq: 16 Jun 2018 14:15

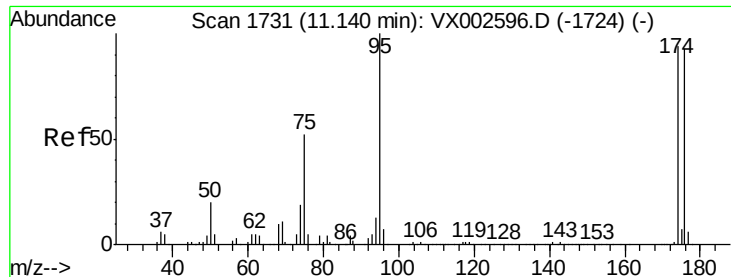
Tgt Ion:107 Resp: 141816

Ion Ratio Lower Upper

107 100

109 93.5 75.3 112.9





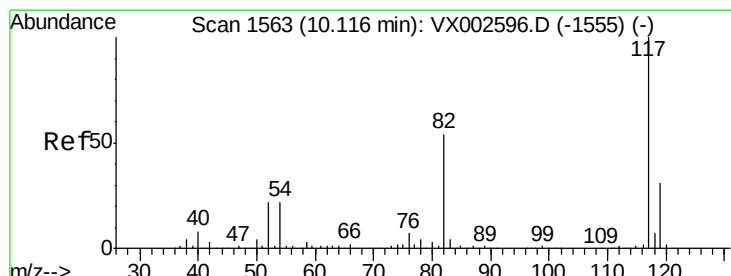
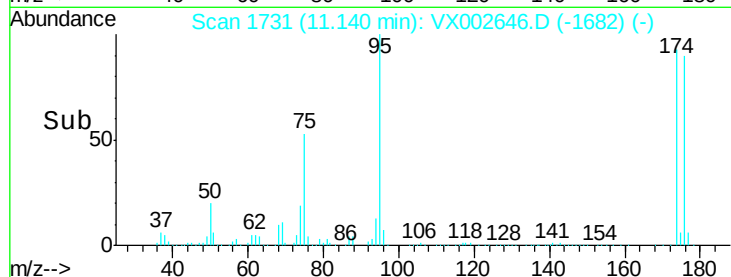
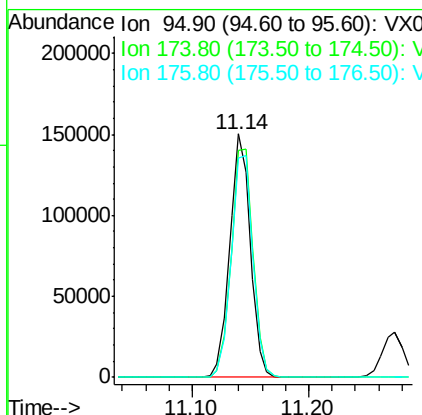
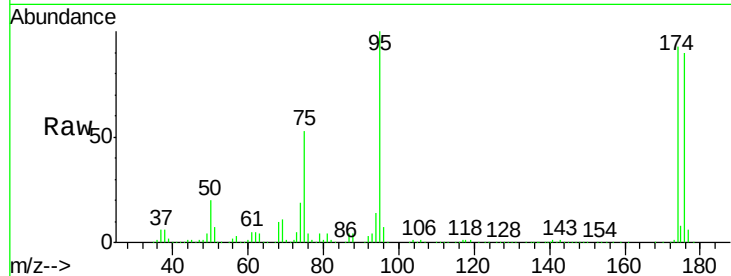
#62
4-Bromofluorobenzene
Concen: 51.28 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	184976		
174	99.5	0.0	187.4	
176	96.2	0.0	181.0	

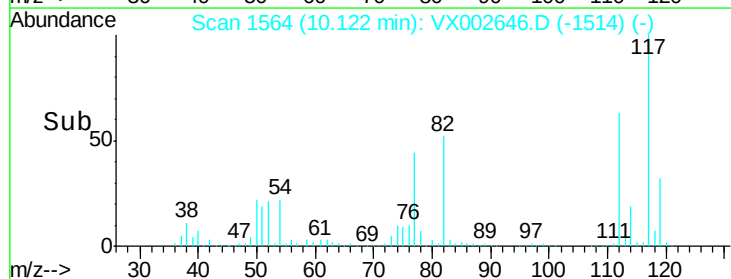
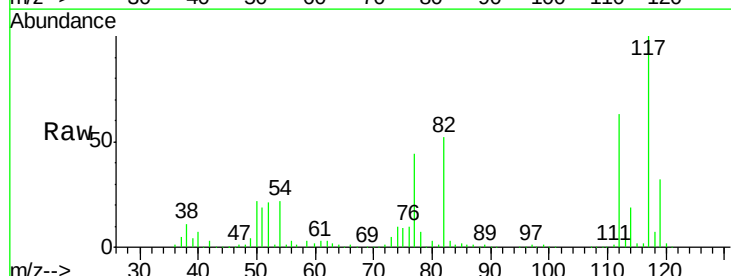
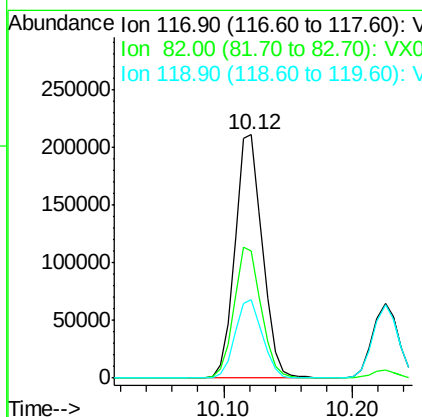
Manual Integrations
APPROVED

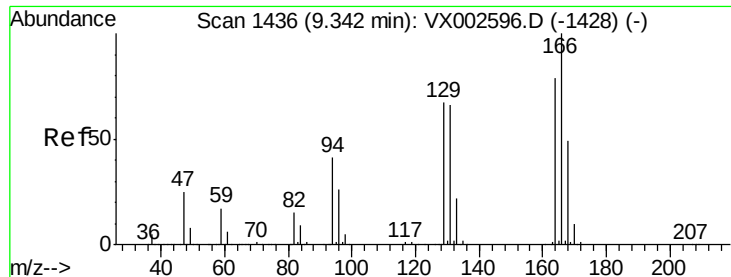
MMDadoda
6/18/2018 5:12:11 PM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	310745		
82	52.1	45.0	67.4	
119	32.2	25.8	38.6	





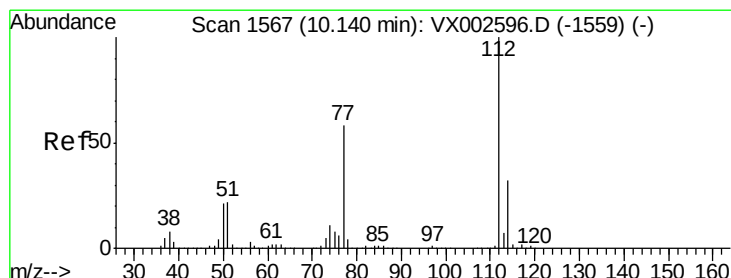
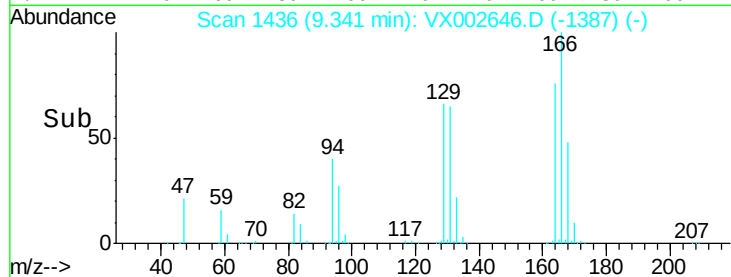
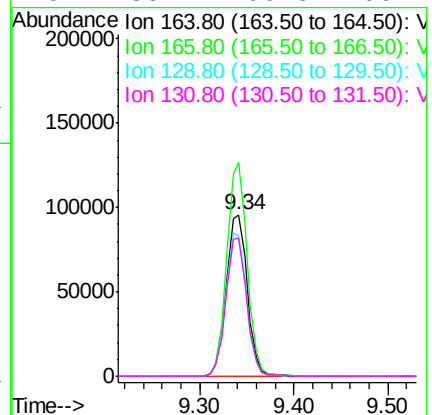
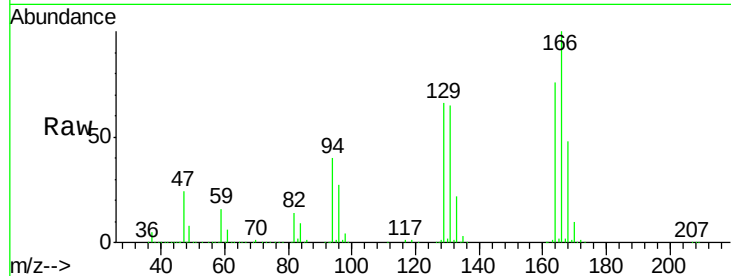
#64
Tetrachloroethene
Concen: 42.91 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	131.9	148021	102.9	154.3
129	87.3		68.6	102.8
131	85.4		66.8	100.2

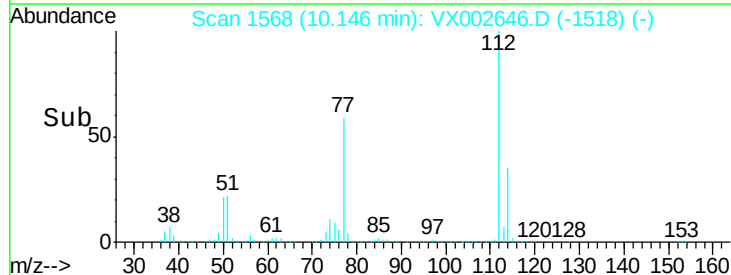
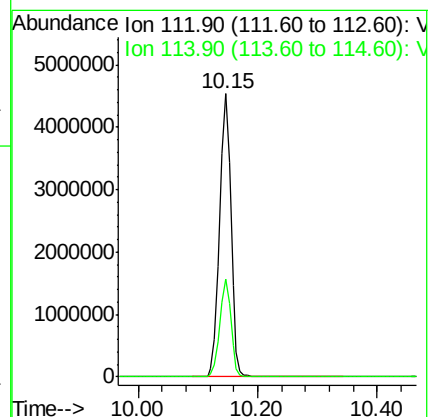
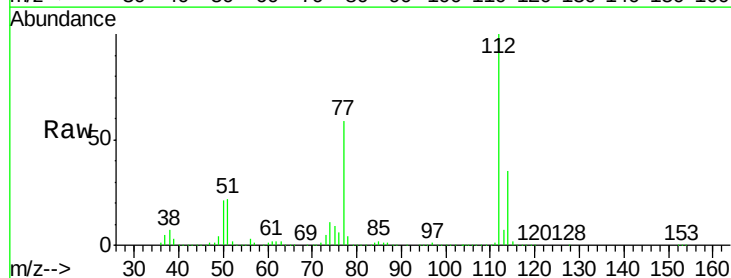
Manual Integrations
APPROVED

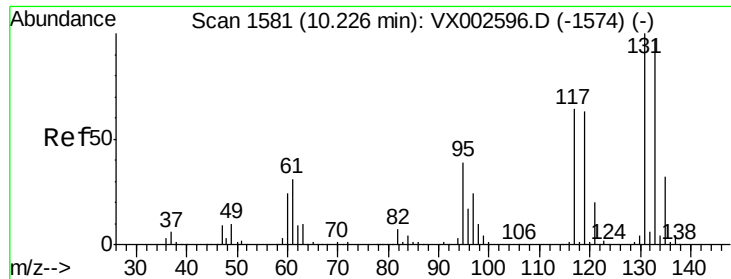
MMDadoda
6/18/2018 5:12:11 PM



#65
Chlorobenzene
Concen: 773.74 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	5904729		
114	34.5		25.3	37.9





#66

1,1,1,2-Tetrachloroethane

Concen: 52.13 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

Instrument :

MSVOA_X

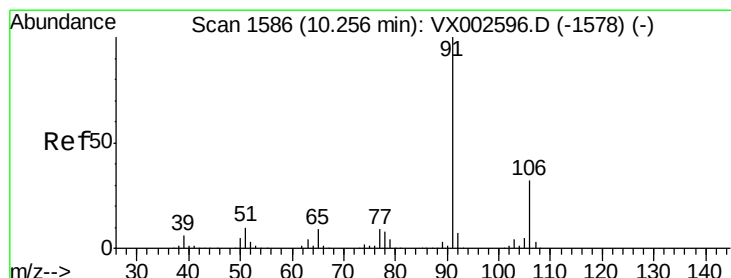
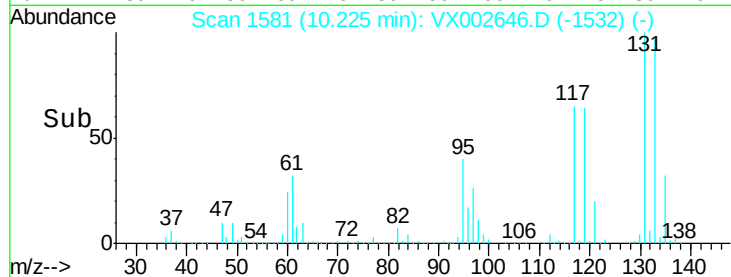
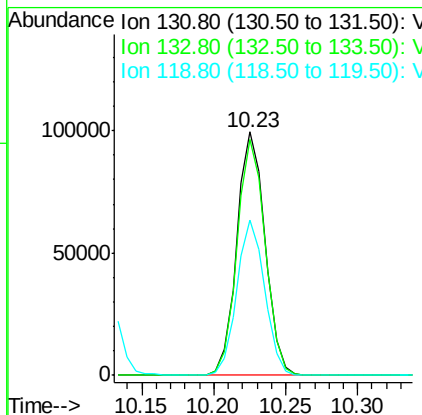
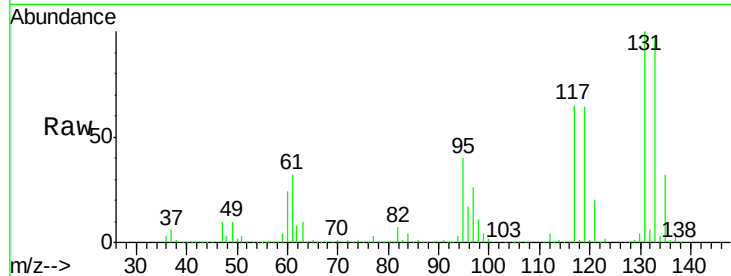
ClientSampleId :

SS003RW114R-180611MS

Tot Ion	Ratio	Resp	Lower	Upper
131	100	135625		
133	96.5	47.9	143.6	
119	63.4	31.8	95.3	

Manual Integrations
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#67

Ethyl Benzene

Concen: 49.81 ug/l

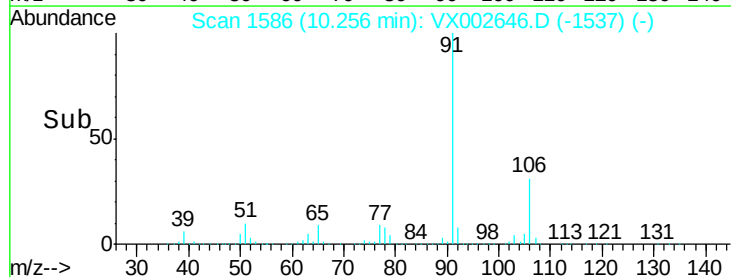
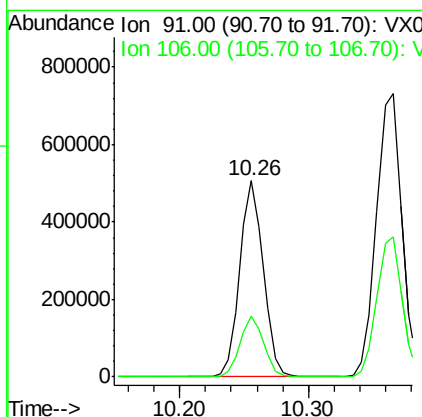
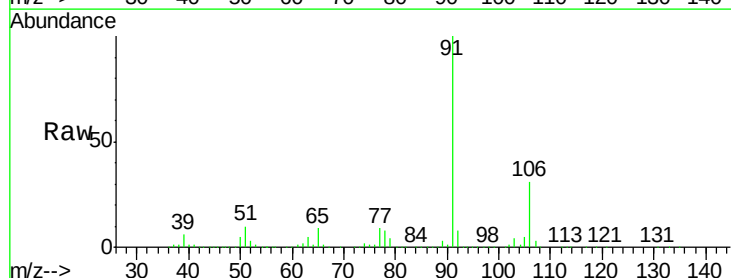
RT: 10.26 min Scan# 1586

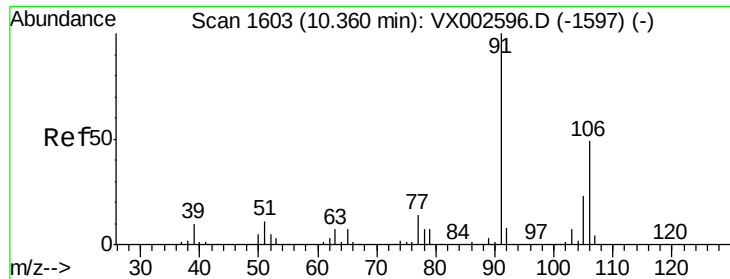
Delta R.T. -0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	641186		
106	31.0	25.5	38.3	





#68

m/p-Xylenes

Concen: 98.76 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MS

Tot Ion:106 Resp: 490370

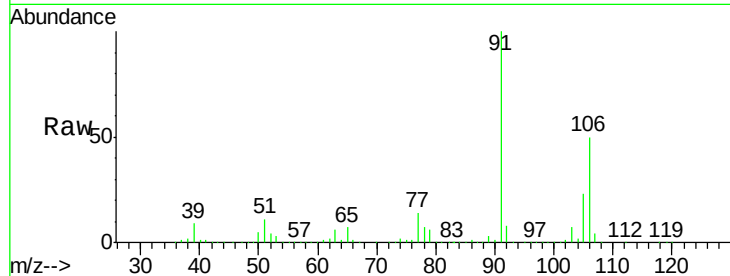
Ion Ratio Lower Upper

106 100

91 202.9 163.4 245.2

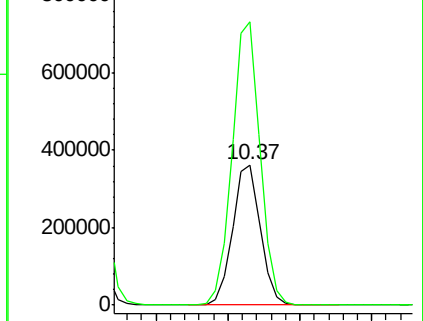
Manual Integrations
APPROVED

MMDadoda
6/18/2018 5:12:11 PM

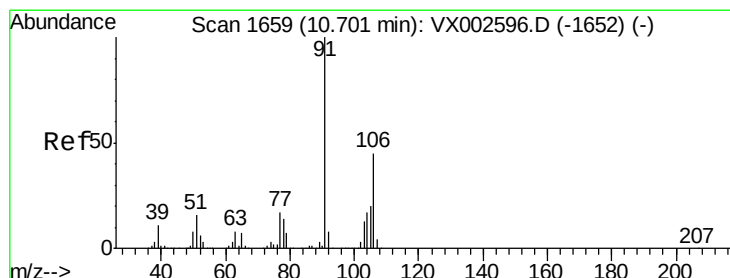
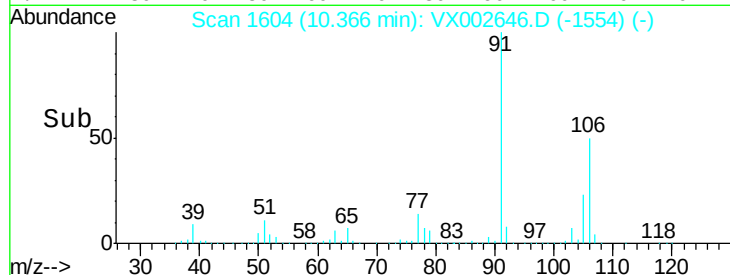


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->



#69

o-Xylene

Concen: 49.41 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX002646.D

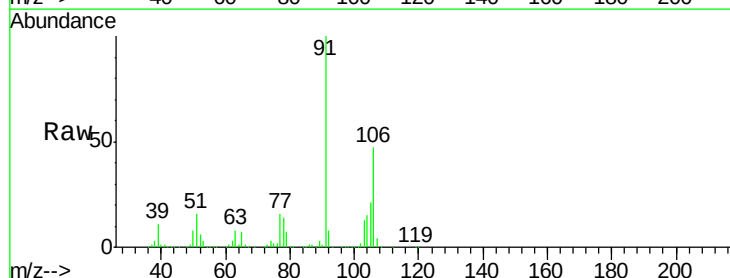
Acq: 16 Jun 2018 14:15

Tgt Ion:106 Resp: 241018

Ion Ratio Lower Upper

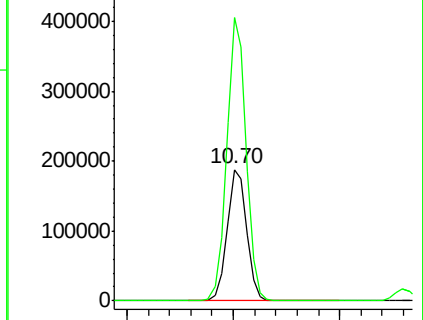
106 100

91 212.8 108.2 324.6

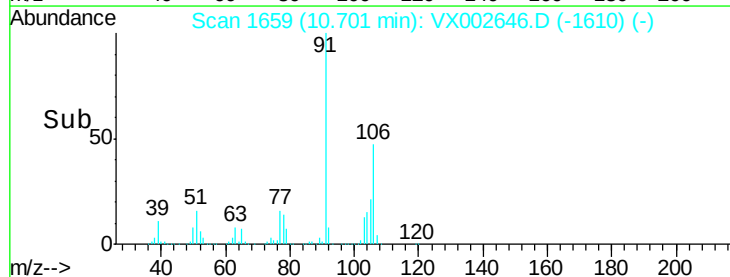


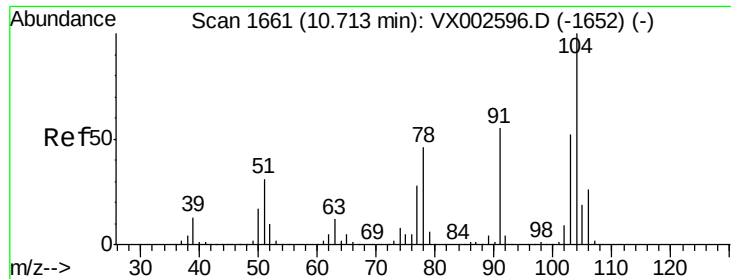
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->





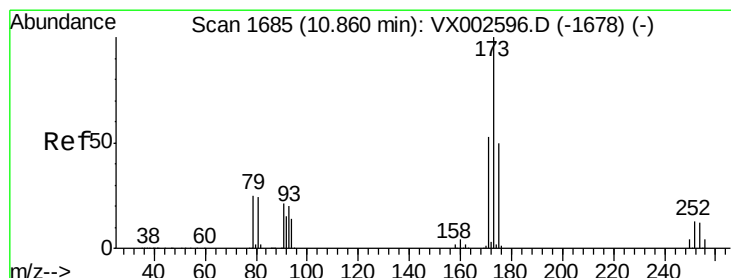
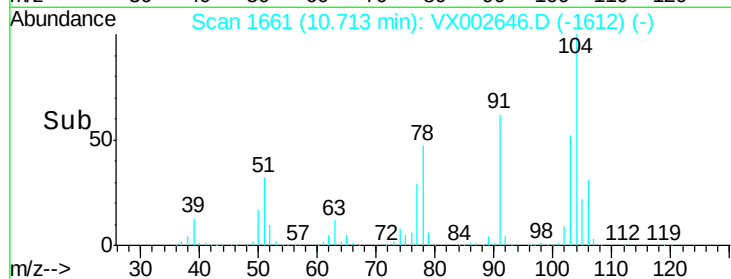
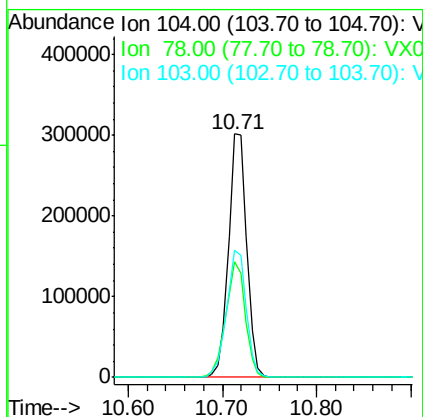
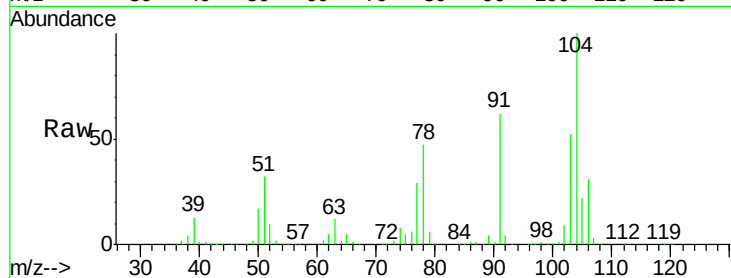
#70
Stvrene
Concen: 50.62 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.7	41.0	61.6
103	55.9	44.2	66.4

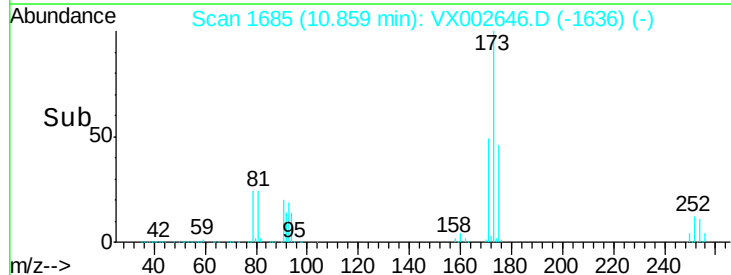
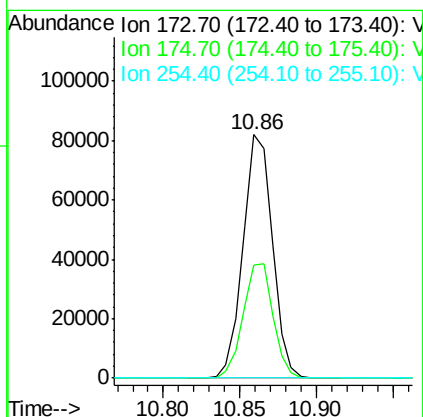
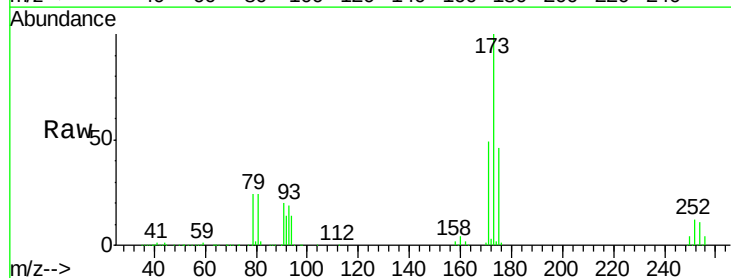
Manual Integrations
APPROVED

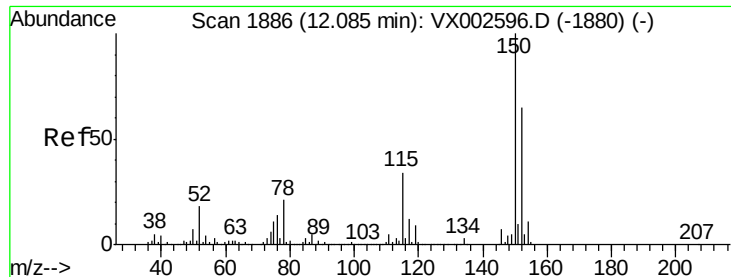
MMDadoda
6/18/2018 5:12:11 PM



#71
Bromoform
Concen: 46.64 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.7	74.1
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MS

Tot Ion:152 Resp: 203961

Ion Ratio Lower Upper

152 100

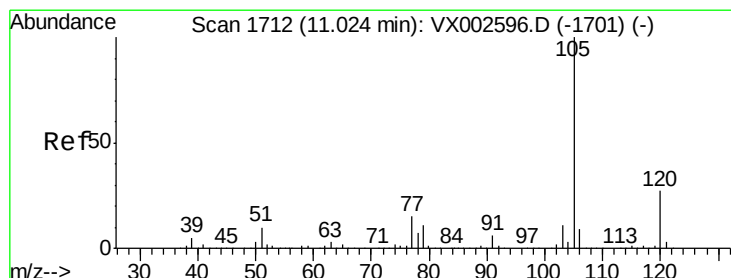
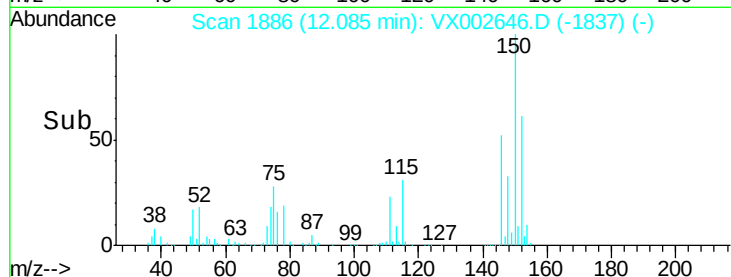
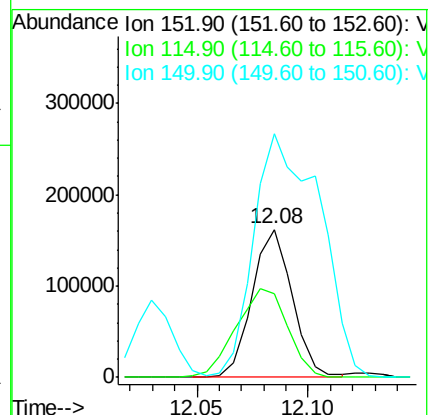
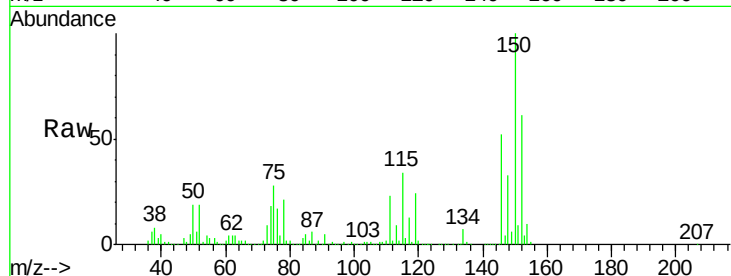
115 77.5 40.1 120.2

150 271.2 0.0 347.2

Manual Integrations
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#73

Isopropylbenzene

Concen: 47.78 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002646.D

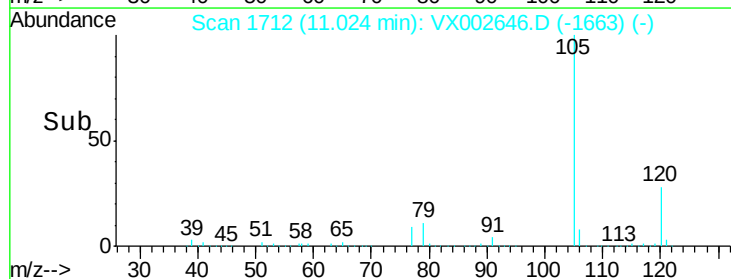
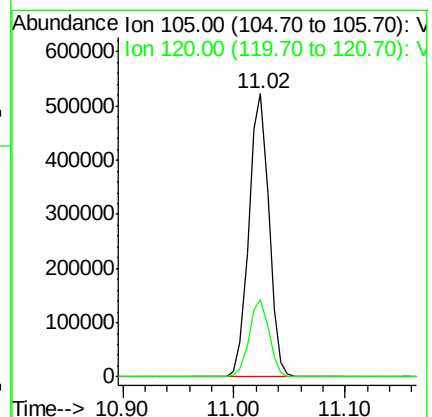
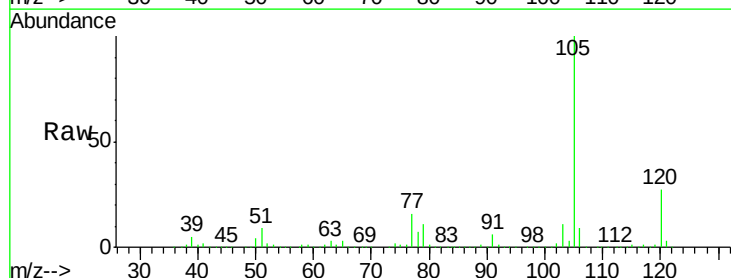
Acq: 16 Jun 2018 14:15

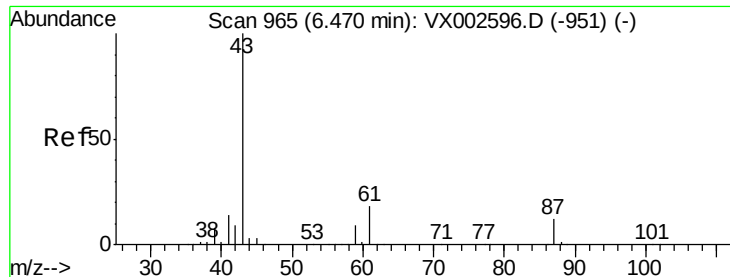
Tgt Ion:105 Resp: 651774

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.4





#74

N-amyl acetate

Concen: 45.57 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

Instrument :

MSVOA_X

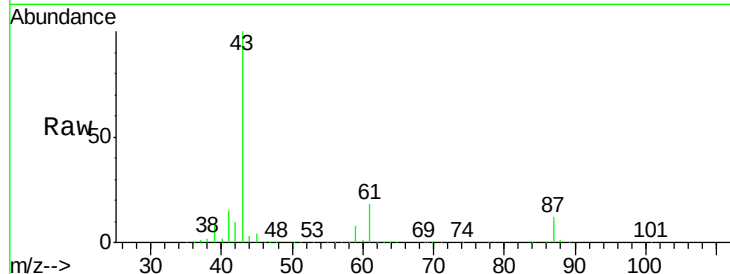
ClientSampleId :

SS003RW114R-180611MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	0.0	0.0	0.0	0.0
55	0.0	0.0	0.0	0.0
61	18.2	14.4	21.6	

Manual Integrations
APPROVED

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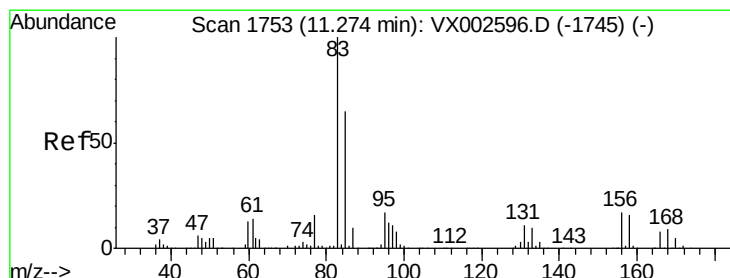
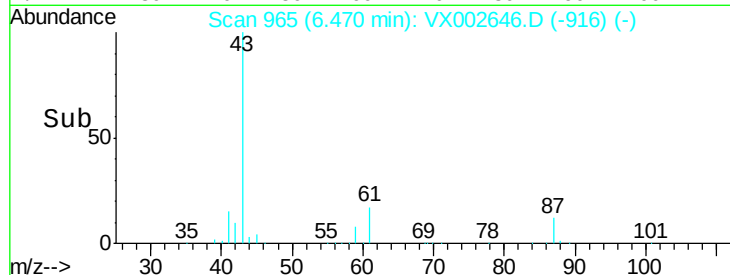
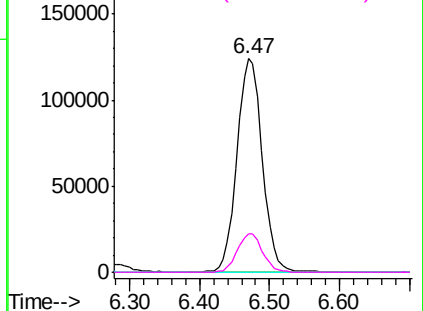


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 51.32 ug/l

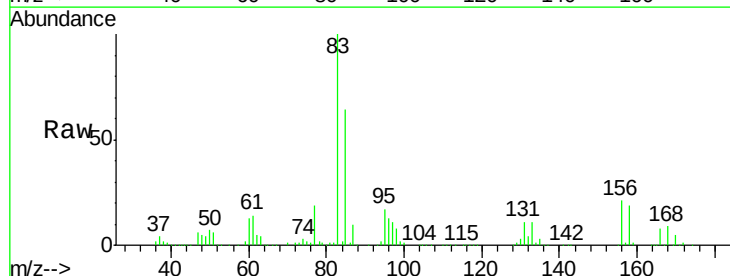
RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

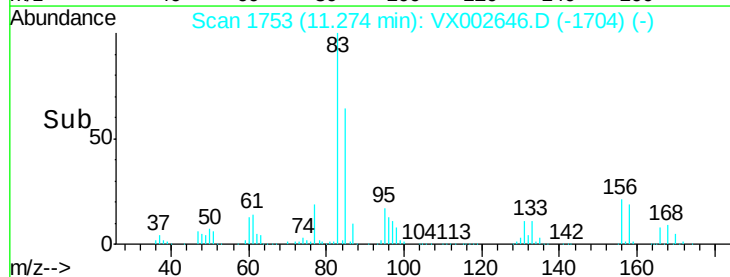
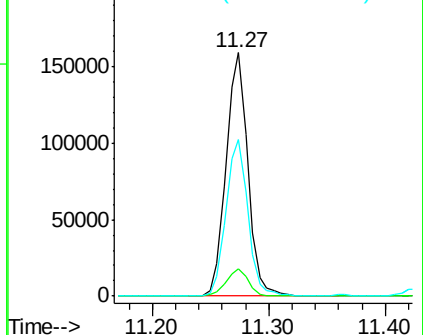
Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	11.2	5.6	16.8	
85	64.7	32.4	97.2	

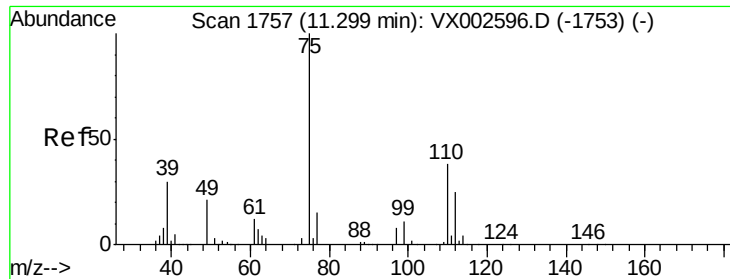


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





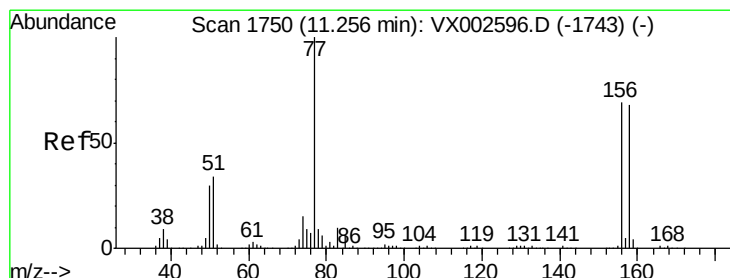
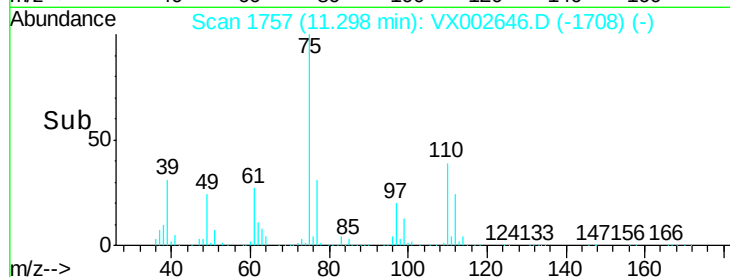
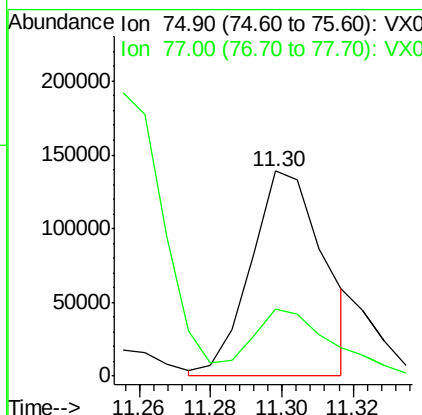
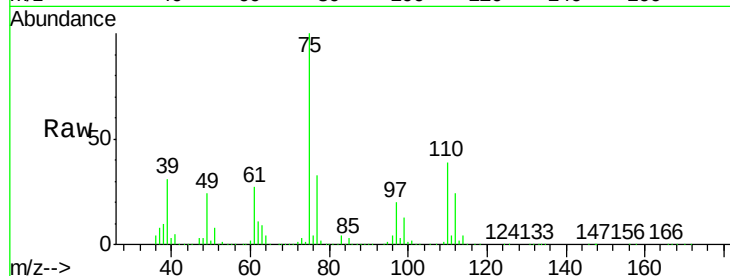
#76
 1,2,3-Trichloropropane
 Concen: 51.19 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX002646.D
 Acq: 16 Jun 2018 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611MS

Tot Ion: 75 Resp: 197008
 Ion Ratio Lower Upper
 75 100
 77 36.5 22.8 68.3

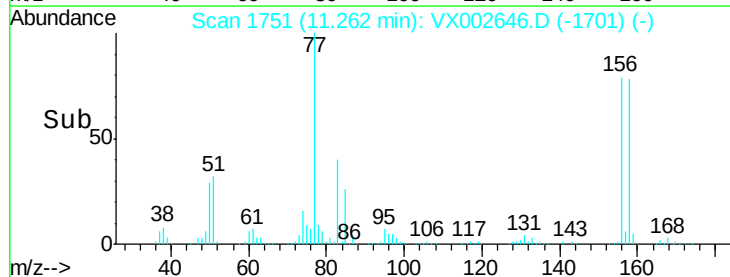
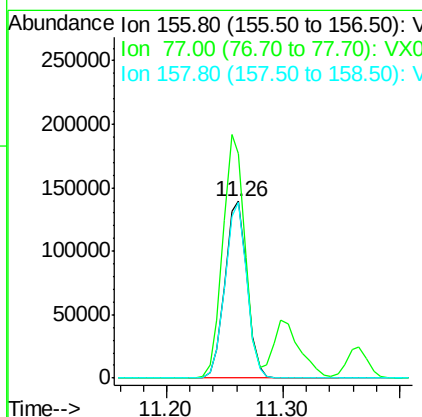
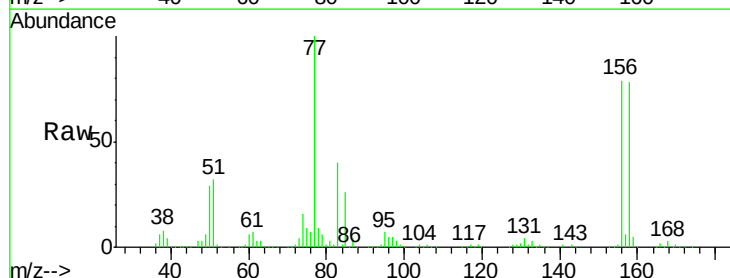
Manual Integrations
 APPROVED

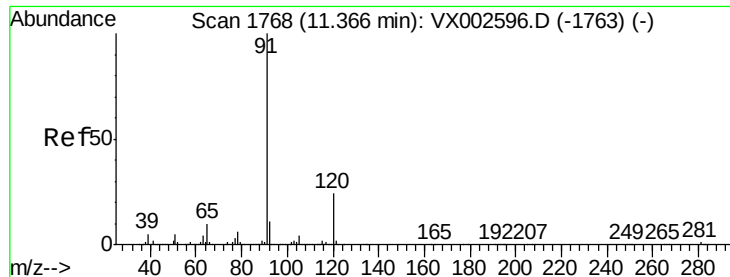
MMDadoda
 6/18/2018 5:12:11 PM



#77
 Bromobenzene
 Concen: 48.25 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. 0.01 min
 Lab File: VX002646.D
 Acq: 16 Jun 2018 14:15

Tgt Ion: 156 Resp: 183364
 Ion Ratio Lower Upper
 156 100
 77 136.9 71.4 214.2
 158 97.7 48.9 146.6





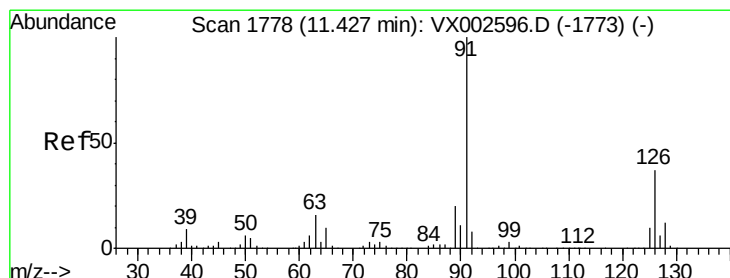
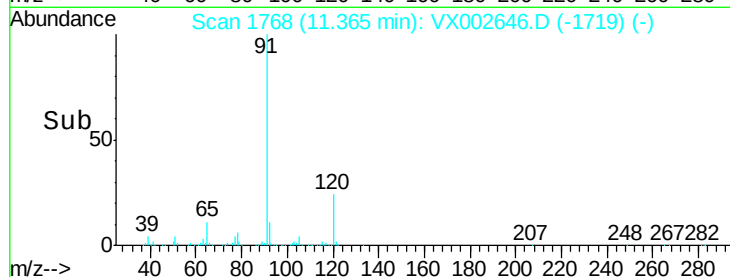
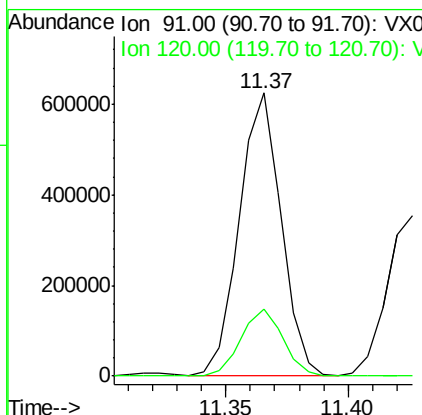
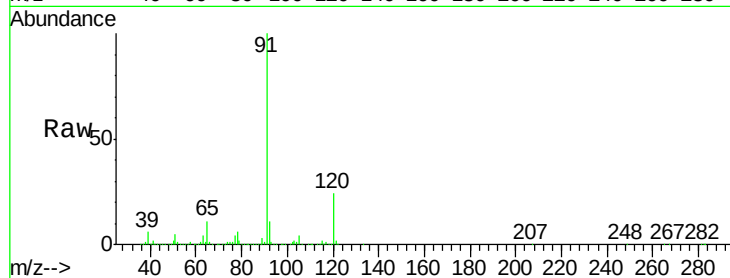
#78
n-propylbenzene
Concen: 47.18 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MS

Tot Ion: 91 Resp: 738169
Ion Ratio Lower Upper
91 100
120 23.9 11.8 35.4

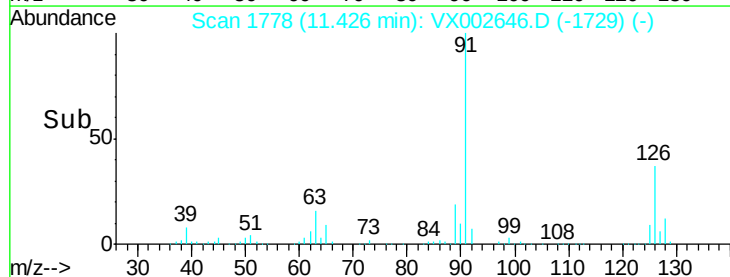
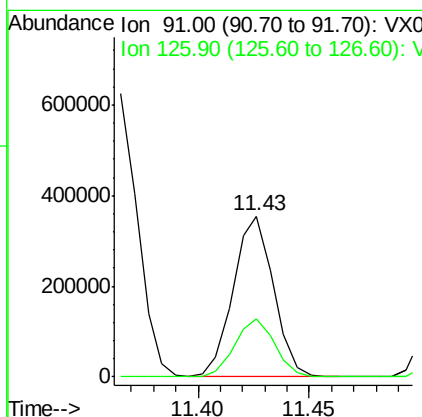
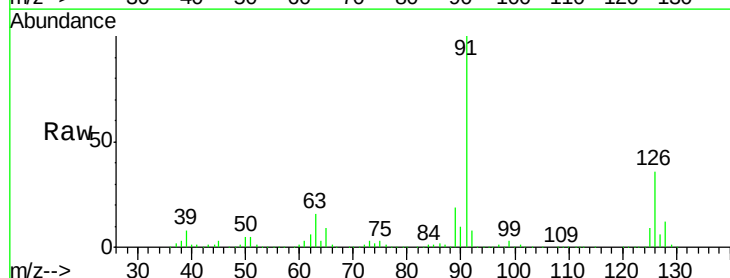
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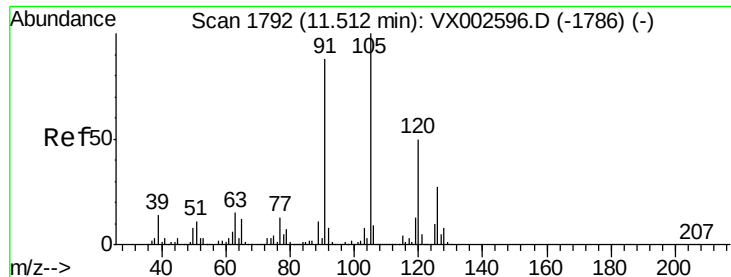
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#79
2-Chlorotoluene
Concen: 47.44 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VX002646.D
Acq: 16 Jun 2018 14:15

Tgt Ion: 91 Resp: 443110
Ion Ratio Lower Upper
91 100
126 36.1 17.7 53.1





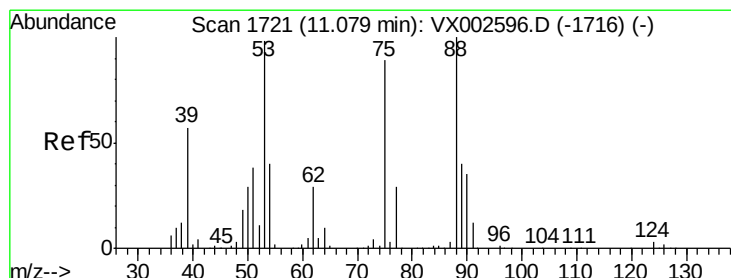
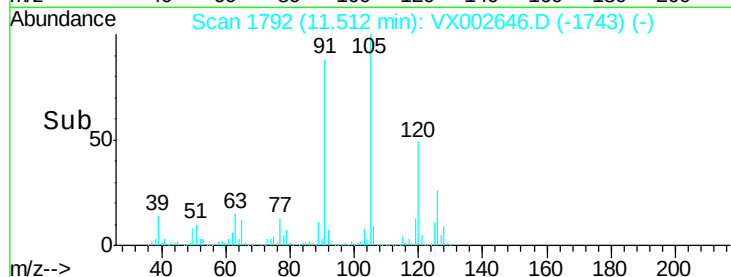
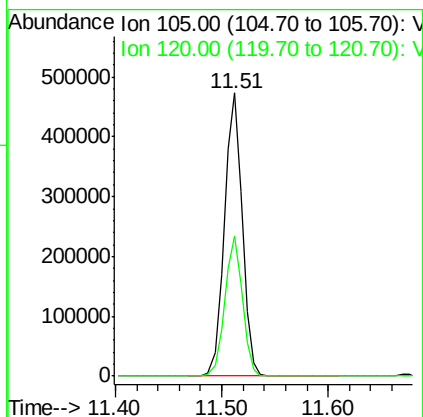
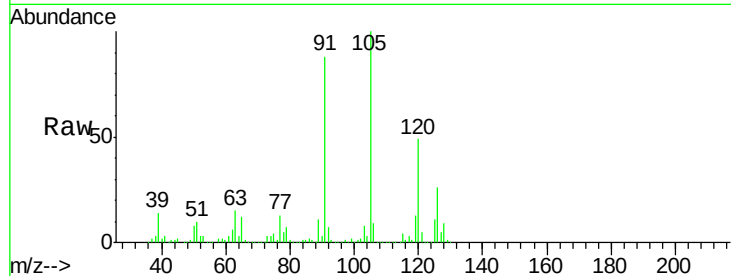
#80
 1,3,5-Trimethylbenzene
 Concen: 48.01 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002646.D
 Acq: 16 Jun 2018 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611MS

Tot Ion:105 Resp: 553515
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.4 73.4

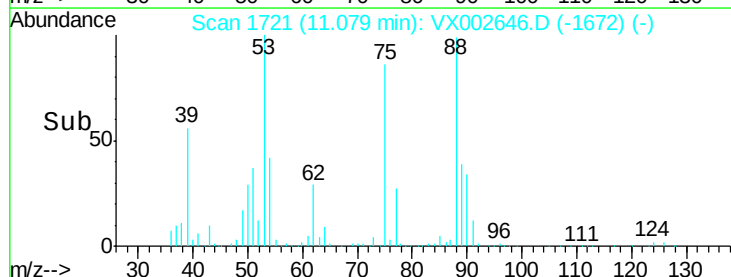
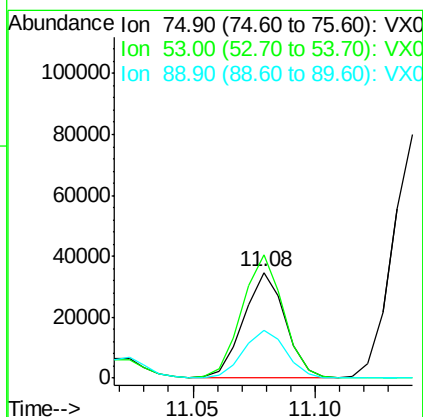
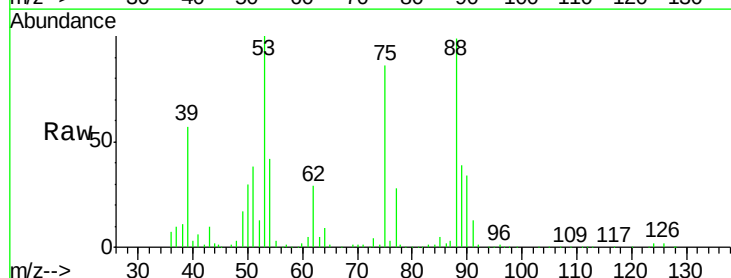
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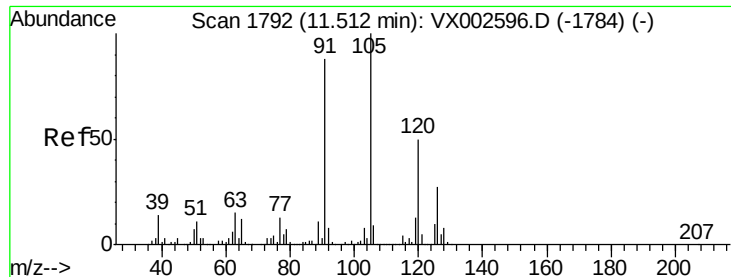
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 35.28 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: VX002646.D
 Acq: 16 Jun 2018 14:15

Tgt Ion: 75 Resp: 40813
 Ion Ratio Lower Upper
 75 100
 53 116.5 86.8 130.2
 89 47.0 38.2 57.2





#82

4-Chlorotoluene

Concen: 47.87 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MS

Tot Ion: 91 Resp: 527642

Ion Ratio Lower Upper

91 100

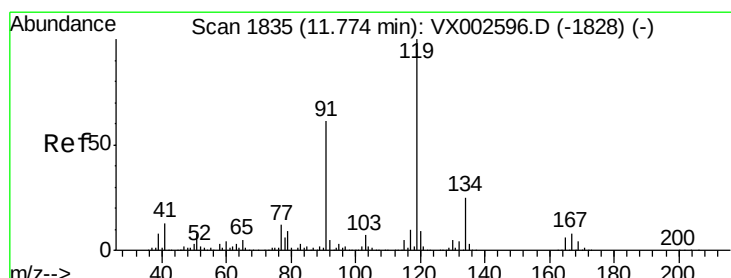
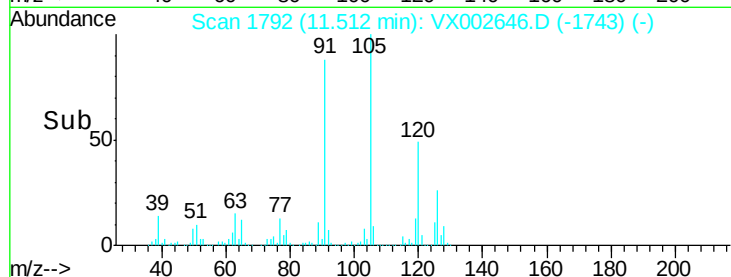
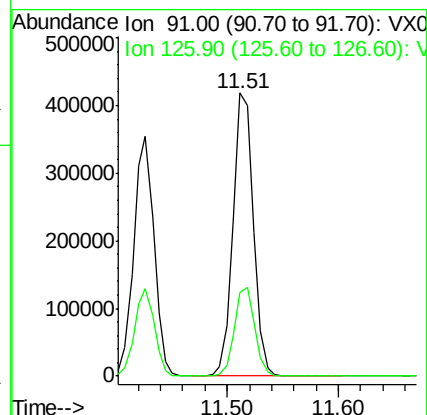
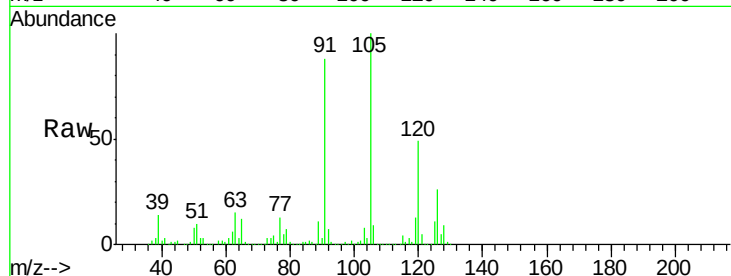
126 31.2 15.4 46.4

Manual Integrations

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#83

tert-Butylbenzene

Concen: 49.30 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

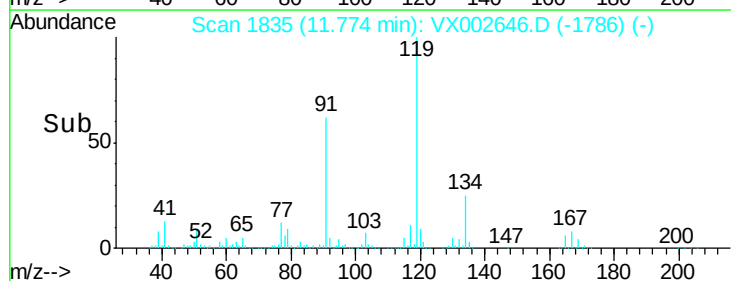
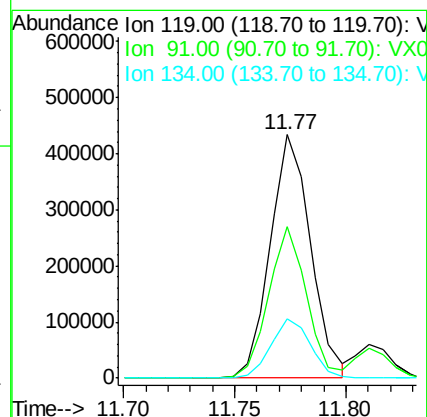
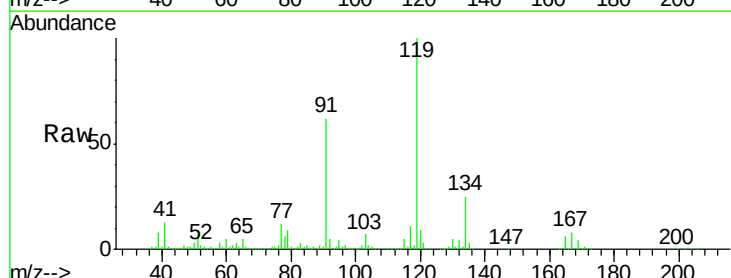
Tgt Ion: 119 Resp: 547531

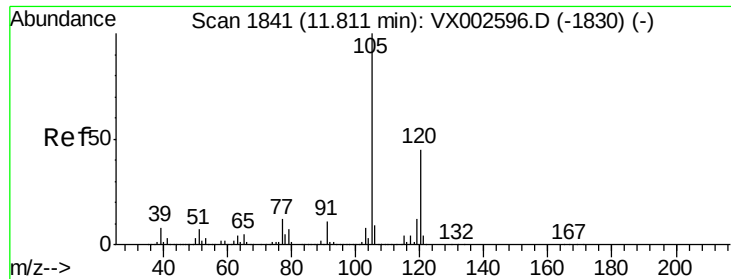
Ion Ratio Lower Upper

119 100

91 58.6 30.3 90.9

134 24.0 11.7 35.1





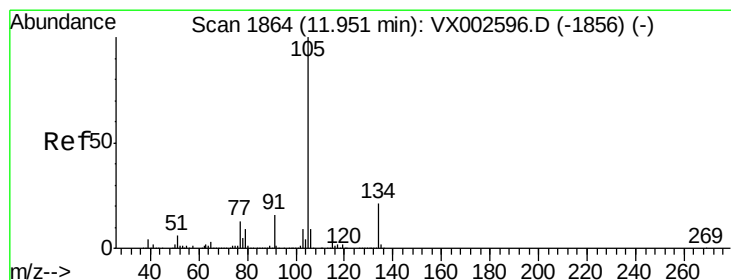
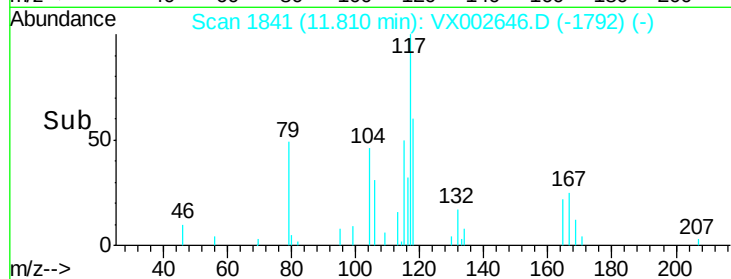
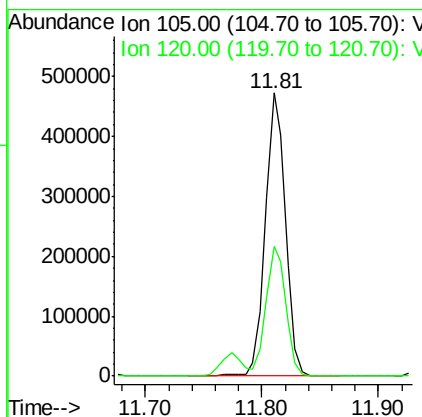
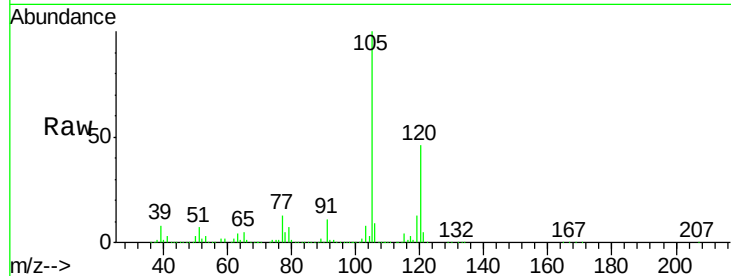
#84
 1,2,4-Trimethylbenzene
 Concen: 48.29 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002646.D
 Acq: 16 Jun 2018 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611MS

Tot Ion:105 Resp: 567997
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.3 66.8

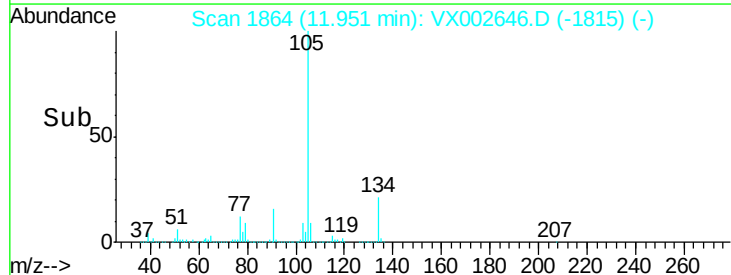
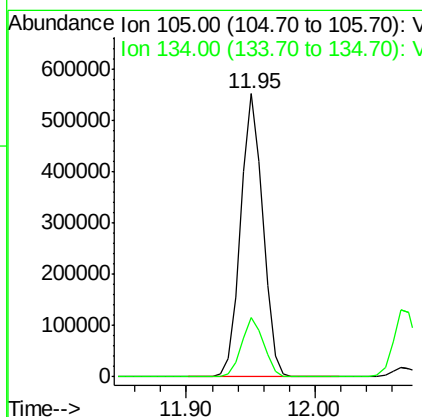
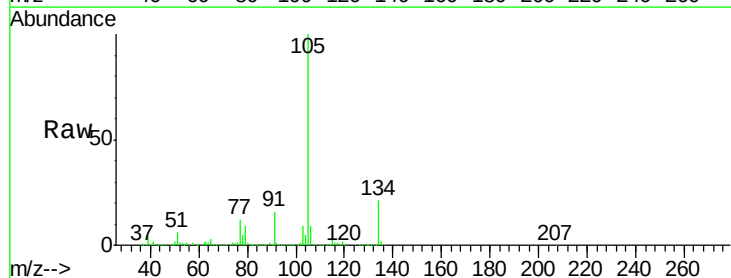
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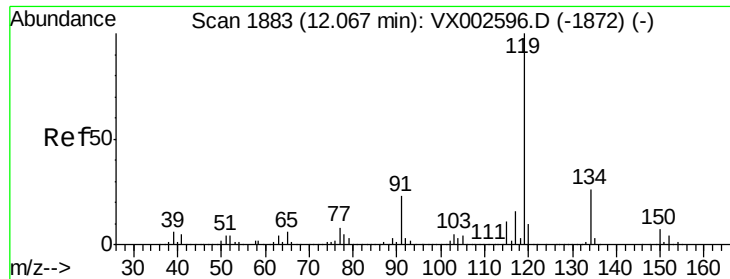
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#85
 sec-Butylbenzene
 Concen: 47.66 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002646.D
 Acq: 16 Jun 2018 14:15

Tgt Ion:105 Resp: 658076
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1





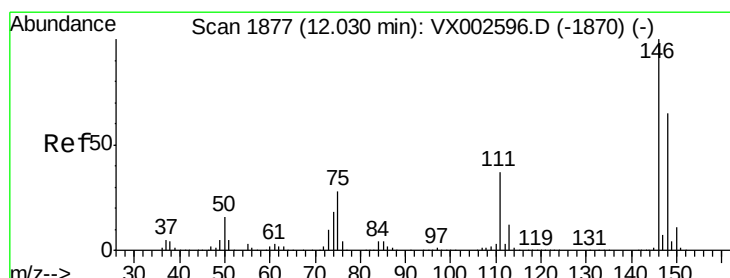
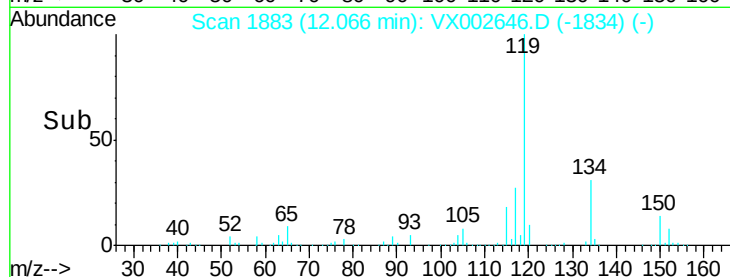
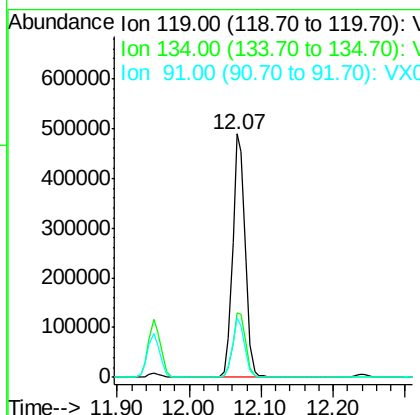
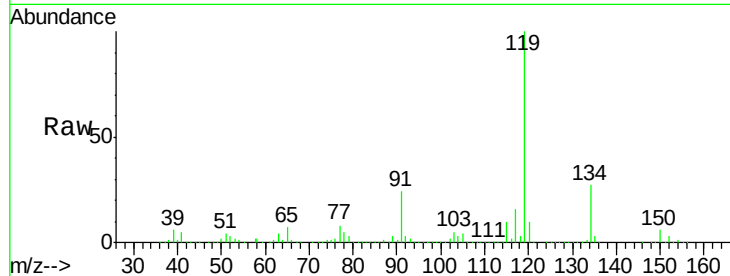
#86
 p-Isopropyltoluene
 Concen: 47.76 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002646.D
 Acq: 16 Jun 2018 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	596728		
134	26.9		13.4	40.1
91	23.6		11.9	35.7

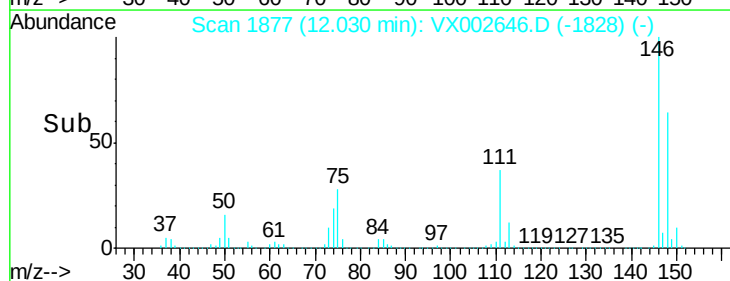
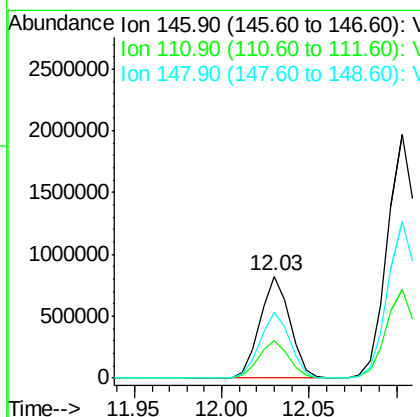
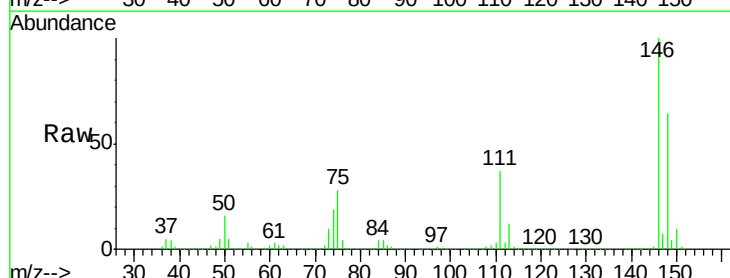
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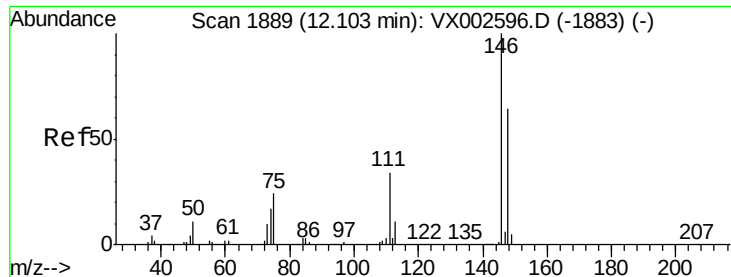
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#87
 1,3-Dichlorobenzene
 Concen: 140.96 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002646.D
 Acq: 16 Jun 2018 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	982369		
111	36.8		18.9	56.7
148	64.5		32.1	96.3





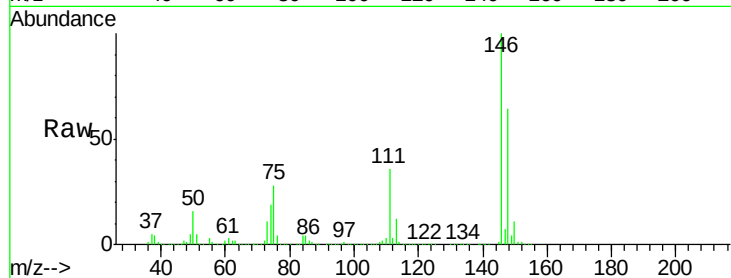
#88
 1,4-Dichlorobenzene
 Concen: 322.79 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002646.D
 Acq: 16 Jun 2018 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611MS

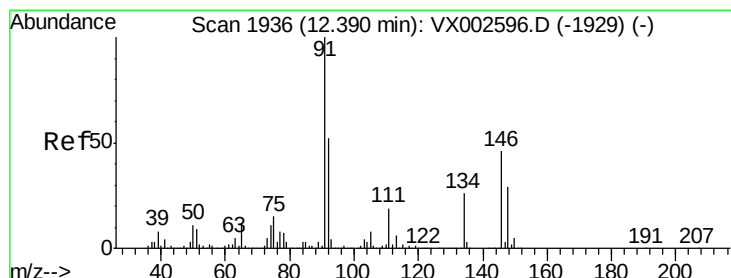
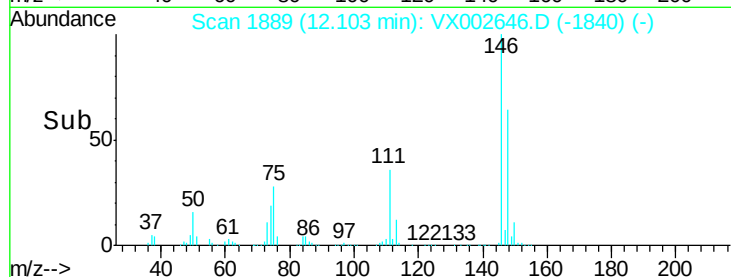
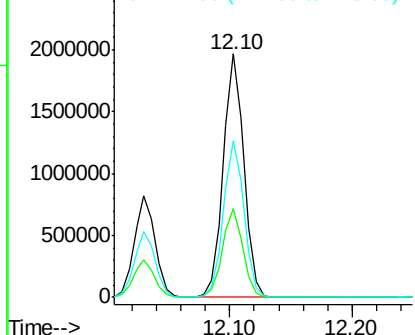
Tot Ion:146 Resp: 2289001
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.7 56.1
 148 64.4 32.4 97.0

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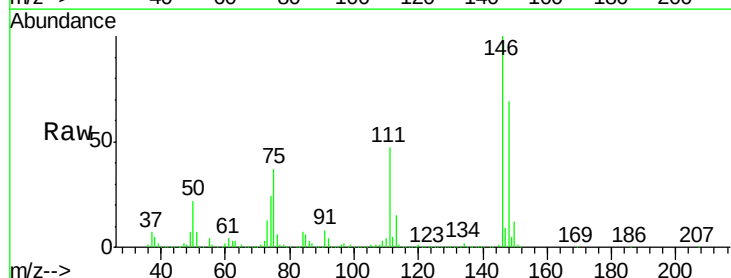


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

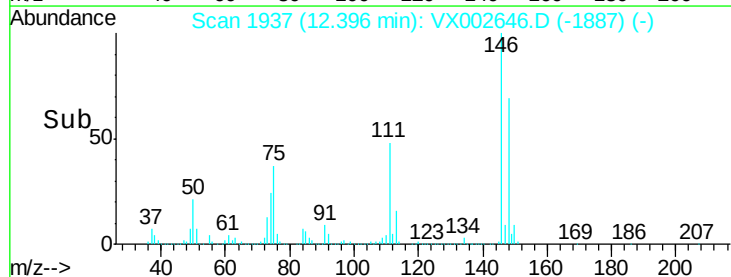
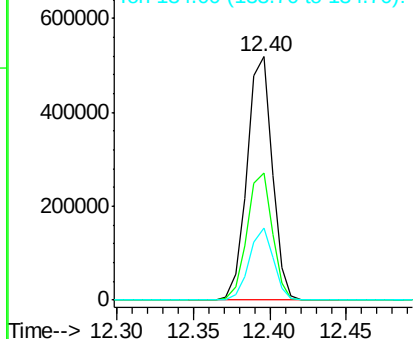


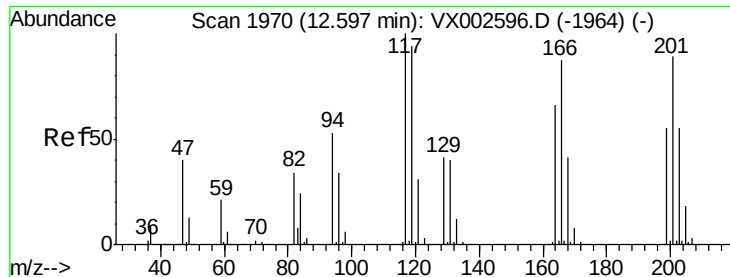
#89
 n-Butylbenzene
 Concen: 53.94 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.01 min
 Lab File: VX002646.D
 Acq: 16 Jun 2018 14:15

Tgt Ion: 91 Resp: 594517
 Ion Ratio Lower Upper
 91 100
 92 52.4 26.0 78.0
 134 28.5 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 45.29 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MS

Tot Ion:117 Resp: 87707

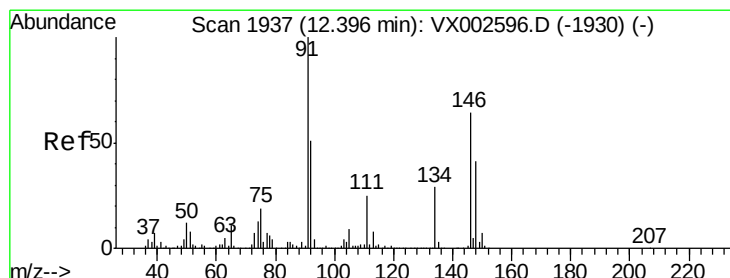
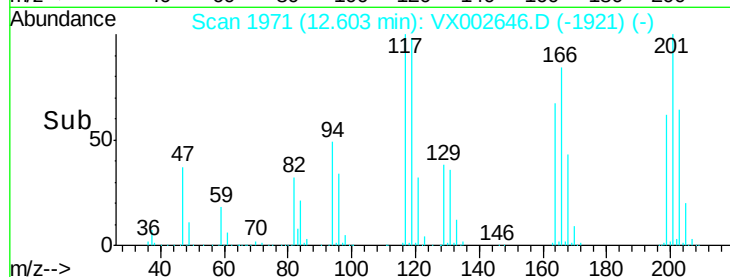
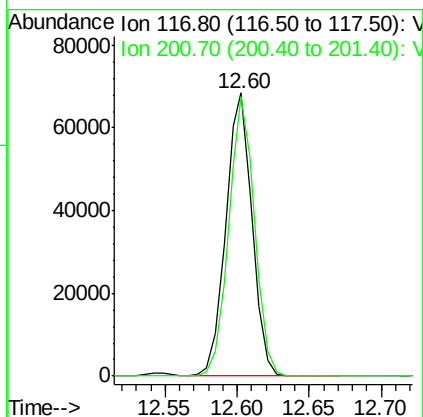
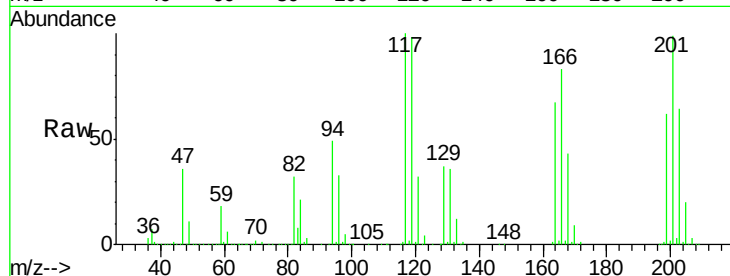
Ion Ratio Lower Upper

117 100

201 96.7 49.0 147.0

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#91

1,2-Dichlorobenzene

Concen: 1854.83 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.01 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

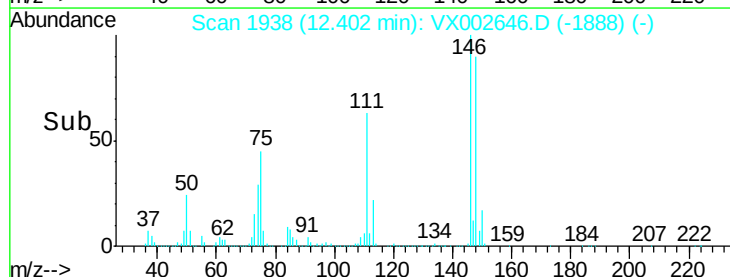
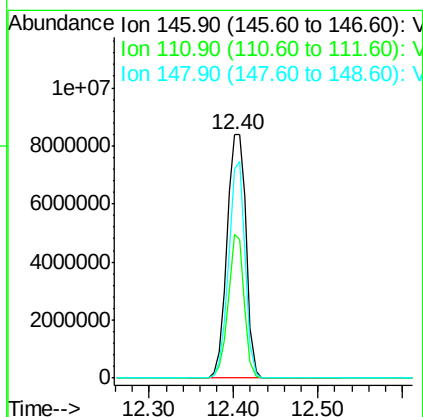
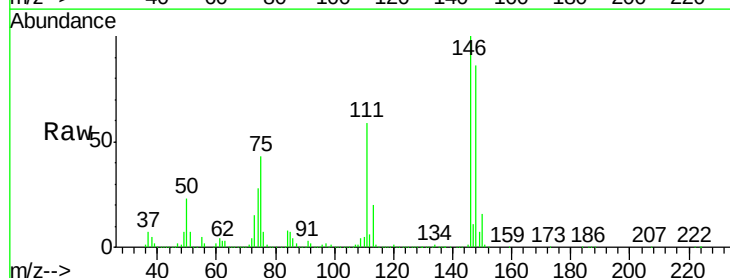
Tgt Ion:146 Resp:13010690

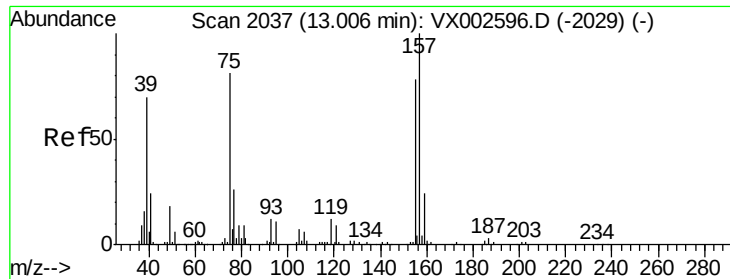
Ion Ratio Lower Upper

146 100

111 49.6 19.4 58.1

148 77.1 31.7 95.1





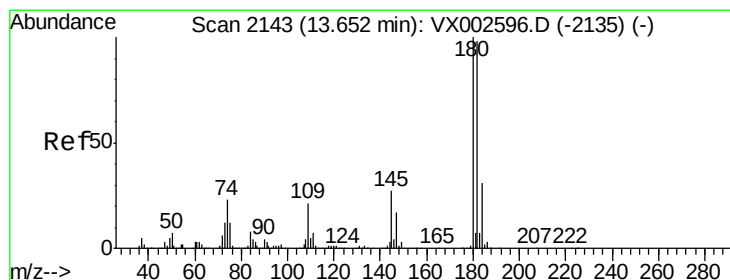
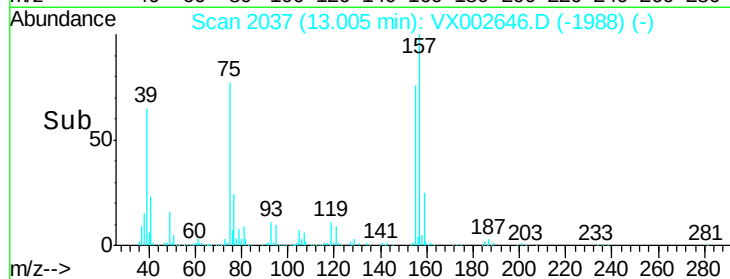
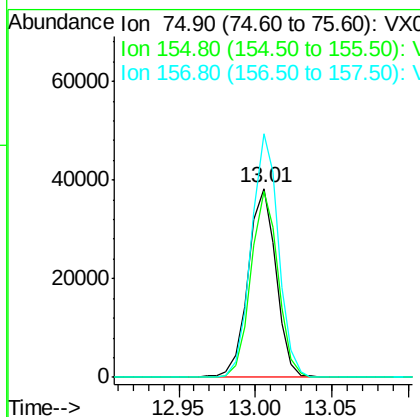
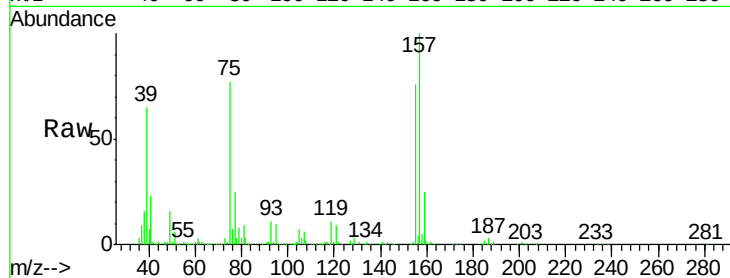
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.76 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002646.D
 Acq: 16 Jun 2018 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	95.2	45.8	137.4
157	125.2	60.1	180.3

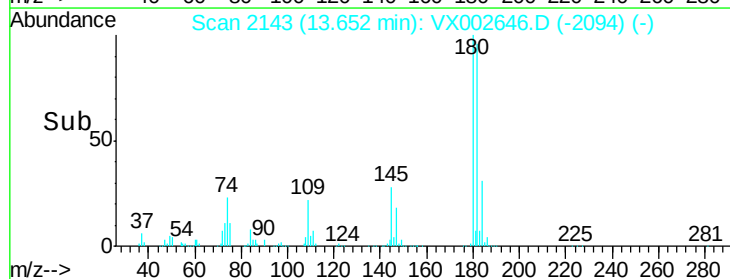
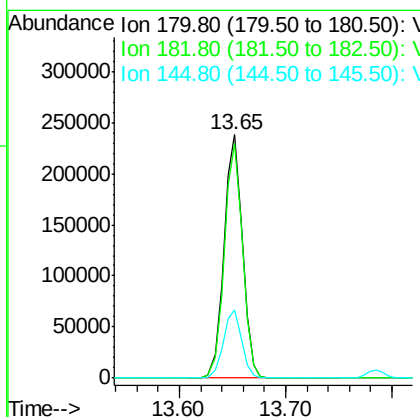
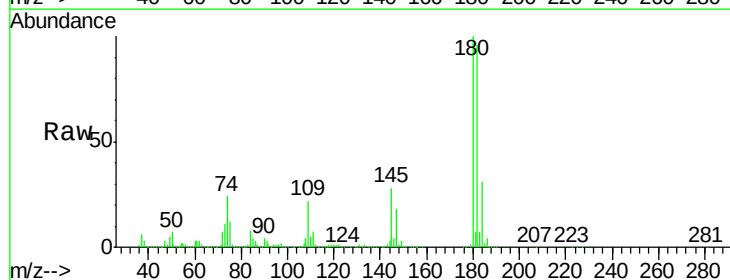
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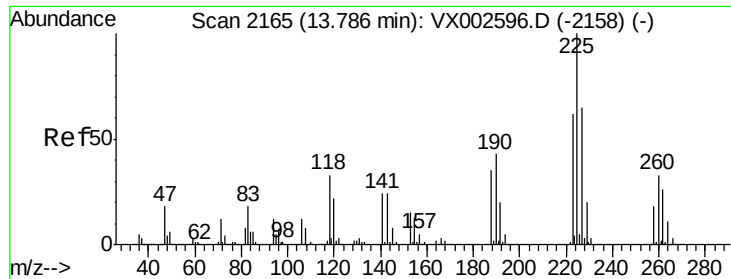
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#93
 1,2,4-Trichlorobenzene
 Concen: 56.36 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002646.D
 Acq: 16 Jun 2018 14:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.7	143.1
145	28.0	14.1	42.4





#94

Hexachlorobutadiene

Concen: 45.40 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX002646.D

Acq: 16 Jun 2018 14:15

Instrument :

MSVOA_X

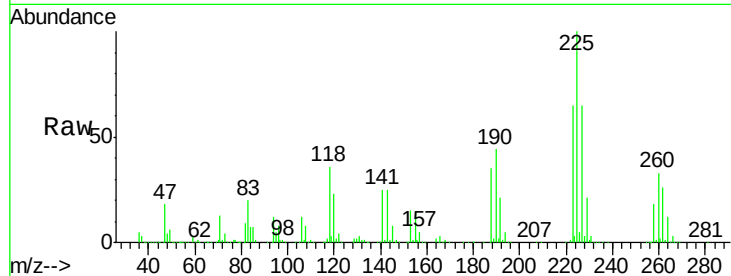
ClientSampleId :

SS003RW114R-180611MS

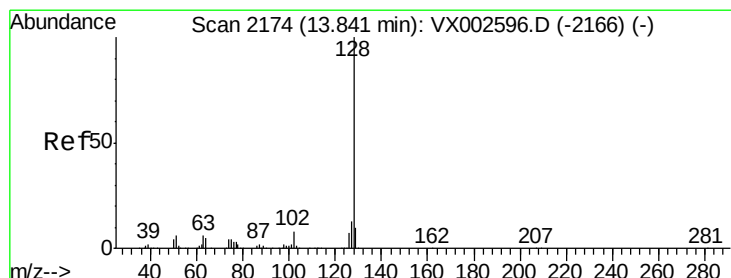
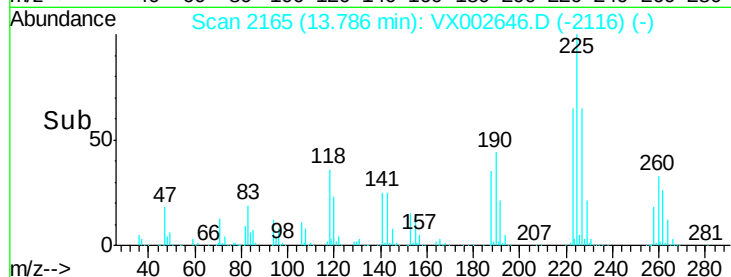
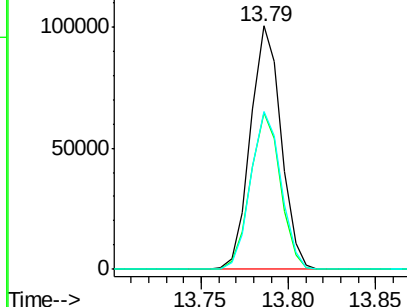
Tot Ion:	225	Resp:	121739
Ion Ratio	Lower	Upper	
225	100		
223	63.5	31.6	95.0
227	64.6	32.4	97.2

Manual Integrations
APPROVED

MMDadoda
6/18/2018 5:12:11 PM



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 54.09 ug/l

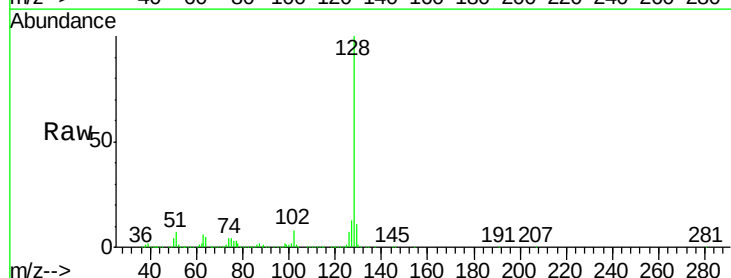
RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

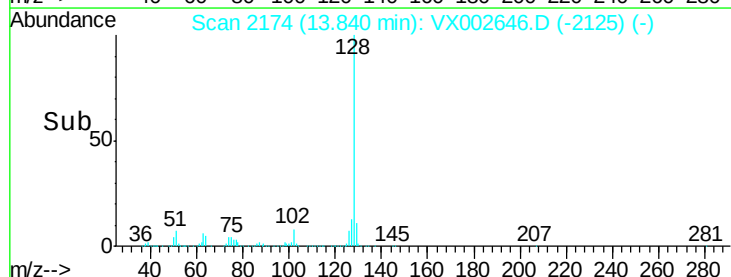
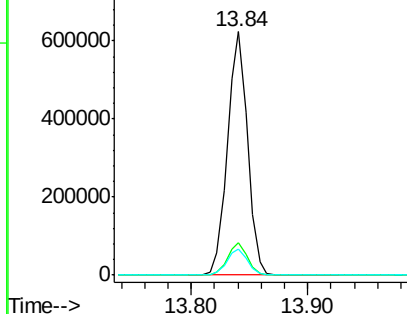
Lab File: VX002646.D

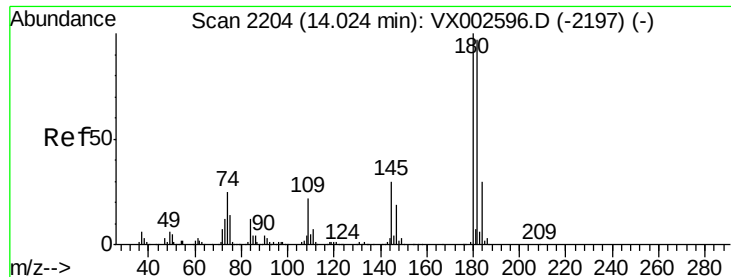
Acq: 16 Jun 2018 14:15

Tgt Ion:	128	Resp:	740937
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 54.88 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX002646.D
 Acq: 16 Jun 2018 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	280612		
182	96.8		48.0	144.0
145	29.8		14.8	44.3

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:12:11 PM

