

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002647.D
 Acq On : 16 Jun 2018 14:42
 Operator : JC/MD
 Sample : J3479-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611MSD

Manual Integrations
 APPROVED

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

Quant Time: Jun 18 08:06:06 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	207387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	311361	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200142	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157186	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	5.51	113	126185	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
50) Toluene-d8	8.72	98	465165	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	11.14	95	182984	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	99951	45.40	ug/l	97
3) Chloromethane	1.32	50	113568	43.36	ug/l	99
4) Vinyl Chloride	1.41	62	127073	46.76	ug/l	97
5) Bromomethane	1.64	94	70554	43.03	ug/l	100
6) Chloroethane	1.72	64	88821	49.59	ug/l	99
7) Trichlorofluoromethane	1.93	101	214230	48.52	ug/l	98
8) Diethyl Ether	2.19	74	82614	49.19	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	115318	46.72	ug/l	99
10) Methyl Iodide	2.51	142	143690	43.85	ug/l	100
11) Tert butyl alcohol	3.08	59	217243	333.45	ug/l	99
12) 1,1-Dichloroethene	2.37	96	111161	47.97	ug/l	99
13) Acrolein	2.30	56	75655	247.77	ug/l	98
14) Allyl chloride	2.73	41	214936	46.72	ug/l	99
15) Acrylonitrile	3.15	53	388170	273.04	ug/l	99
16) Acetone	2.45	43	381690	274.52	ug/l	100
17) Carbon Disulfide	2.57	76	278055	50.59	ug/l	99
18) Methyl Acetate	2.78	43	195987	52.91	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	431224	49.61	ug/l	99
20) Methylene Chloride	2.86	84	129215	45.32	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	122397	48.69	ug/l	97
22) Diisopropyl ether	3.88	45	408127	49.03	ug/l	99
23) Vinyl Acetate	3.83	43	1686479	242.06	ug/l	100
24) 1,1-Dichloroethane	3.70	63	235358	52.09	ug/l	100
25) 2-Butanone	4.71	43	528256	289.30	ug/l	98
26) 2,2-Dichloropropane	4.59	77	85581	26.36	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	129823	50.75	ug/l	90
28) Bromochloromethane	5.03	49	111788	52.83	ug/l	96
29) Tetrahydrofuran	5.17	42	344239	287.66	ug/l	97
30) Chloroform	5.22	83	224094	51.44	ug/l	97
31) Cyclohexane	5.58	56	180594	48.55	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	190539	52.29	ug/l	100
36) 1,1-Dichloropropene	5.81	75	159279	48.17	ug/l	99
37) Ethyl Acetate	4.87	43	190935	51.01	ug/l	100
38) Carbon Tetrachloride	5.79	117	167211	50.78	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	179110	46.33	ug/l	97
40) Benzene	6.15	78	523884	52.83	ug/l	99
41) Methacrylonitrile	5.07	41	114036	53.96	ug/l	99
42) 1,2-Dichloroethane	6.20	62	191151	49.79	ug/l	100
43) Isopropyl Acetate	6.47	43	313095	50.49	ug/l	99
44) Trichloroethene	7.22	130	139501	48.74	ug/l	99
45) 1,2-Dichloropropane	7.52	63	128093	49.08	ug/l	99
46) Dibromomethane	7.66	93	91012	52.14	ug/l	99
47) Bromodichloromethane	7.90	83	164063	53.29	ug/l	98
48) Methyl methacrylate	7.78	41	166746	52.62	ug/l	97
49) 1,4-Dioxane	7.76	88	66660	1110.78	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1147762	288.26	ug/l	100
52) Toluene	8.79	92	316402	50.02	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	174632	43.19	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	163052	42.46	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	132093	51.68	ug/l	98
56) Ethyl methacrylate	9.19	69	208352	52.97	ug/l	98
57) 1,3-Dichloropropane	9.38	76	215544	49.86	ug/l	100
59) 2-Hexanone	9.50	43	903286	301.06	ug/l	98
60) Dibromochloromethane	9.59	129	135391	47.31	ug/l	99
61) 1,2-Dibromoethane	9.68	107	139943	52.87	ug/l	98
64) Tetrachloroethene	9.34	164	146040	42.94	ug/l	97
65) Chlorobenzene	10.15	112	5850731	777.52	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	134926	52.59	ug/l	99
67) Ethyl Benzene	10.26	91	632214	49.81	ug/l	98
68) m/p-Xylenes	10.37	106	484005	98.86	ug/l	99
69) o-Xylene	10.70	106	238663	49.62	ug/l	98
70) Stvrene	10.71	104	405385	51.25	ug/l	99
71) Bromoform	10.86	173	107739	46.51	ug/l	# 99
73) Isopropylbenzene	11.02	105	642237	47.98	ug/l	99
74) N-amyl acetate	6.47	43	313095	47.08	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	206882	52.34	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	198181m	52.48	ug/l	
77) Bromobenzene	11.26	156	182768	49.01	ug/l	97
78) n-propylbenzene	11.37	91	729367	47.51	ug/l	99
79) 2-Chlorotoluene	11.43	91	437503	47.73	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	544005	48.09	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	42333	37.05	ug/l	96
82) 4-Chlorotoluene	11.51	91	523925	48.44	ug/l	99
83) tert-Butylbenzene	11.77	119	542658	49.80	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	564898	48.94	ug/l	99
85) sec-Butylbenzene	11.95	105	647667	47.80	ug/l	99
86) p-Isopropyltoluene	12.07	119	587968	47.96	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	990595	144.85	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	2293066	329.53	ug/l	99
89) n-Butylbenzene	12.39	91	584377	54.03	ug/l	99
90) Hexachloroethane	12.60	117	86908	45.71	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	13049412	1895.85	ug/l	83
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49591	59.89	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	293136	58.68	ug/l	99

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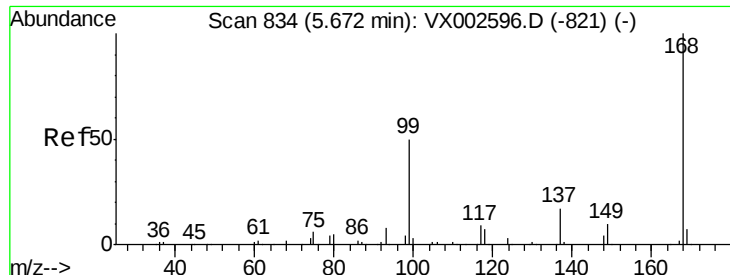
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	120709	45.87	ug/l	99
95) Naphthalene	13.84	128	752119	55.95	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	287132	57.23	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MSD

Tot Ion:168 Resp: 207387

Ion Ratio Lower Upper

168 100

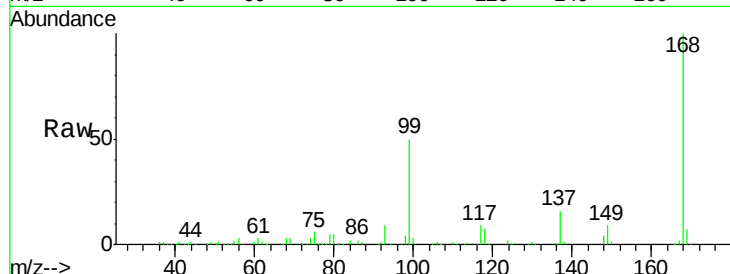
99 49.8 39.3 58.9

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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

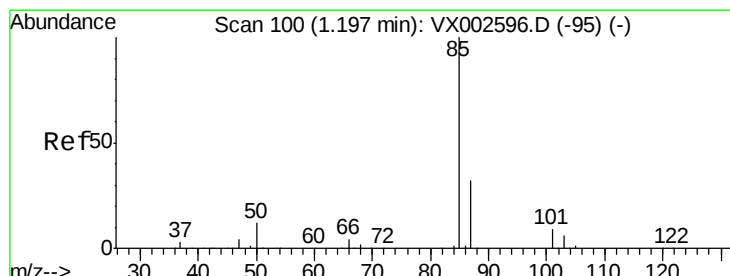
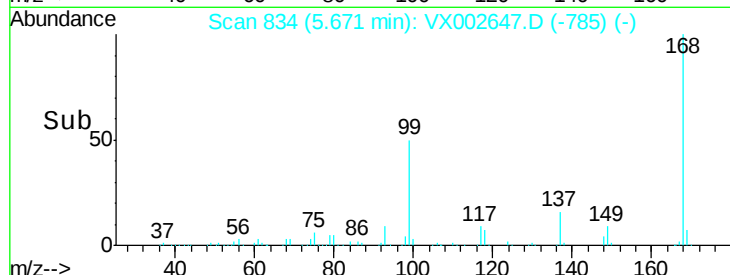
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.40 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002647.D

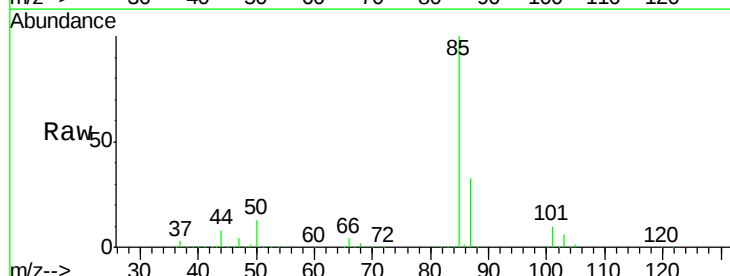
Acq: 16 Jun 2018 14:42

Tgt Ion: 85 Resp: 99951

Ion Ratio Lower Upper

85 100

87 33.4 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

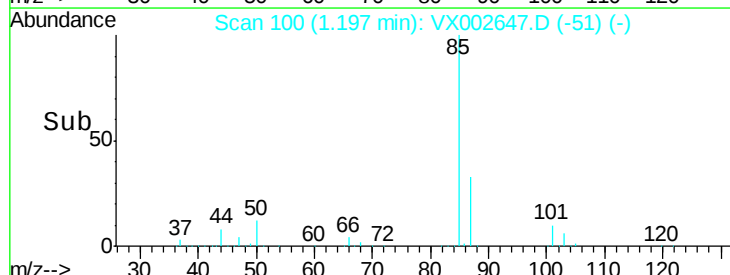
1.15

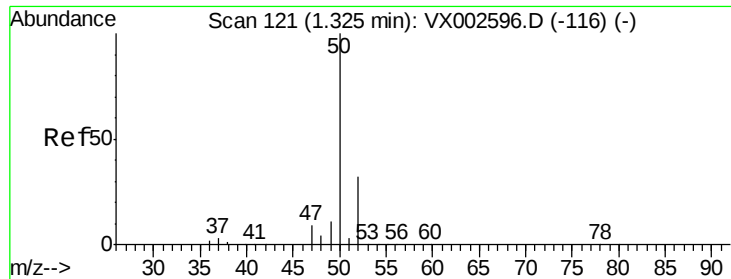
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 43.36 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MSD

Tot Ion: 50 Resp: 113568

Ion Ratio Lower Upper

50 100

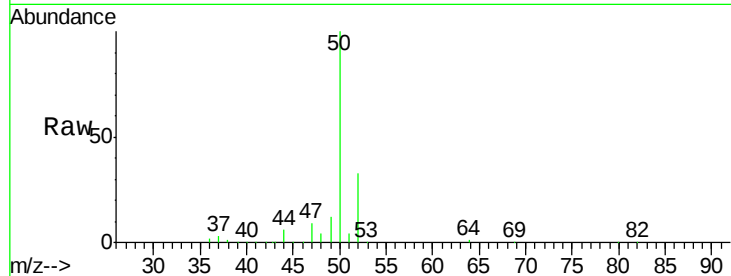
52 32.7 25.7 38.5

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

120000

100000

80000

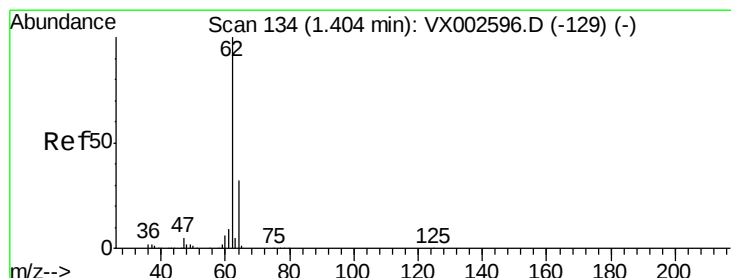
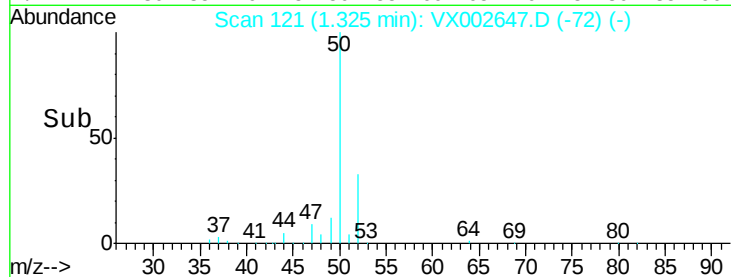
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 46.76 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002647.D

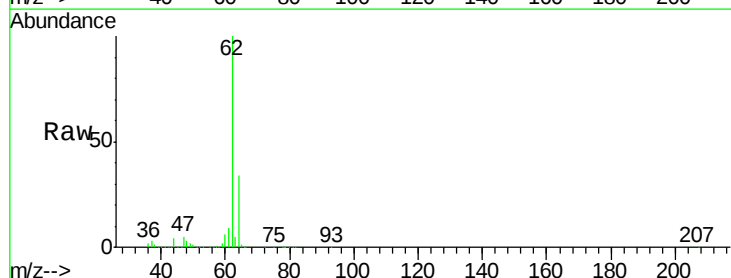
Acq: 16 Jun 2018 14:42

Tgt Ion: 62 Resp: 127073

Ion Ratio Lower Upper

62 100

64 33.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

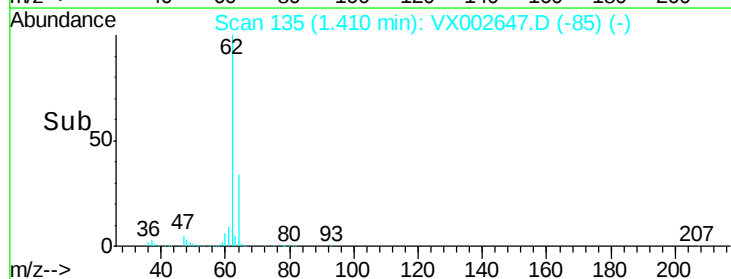
1.41

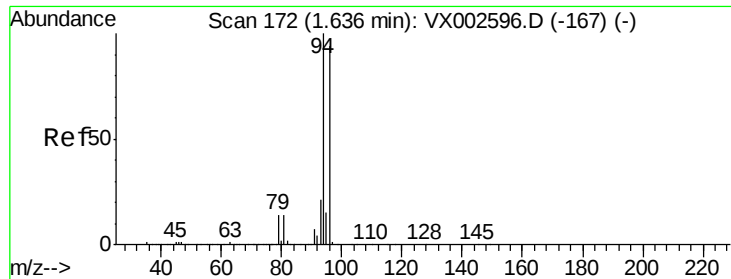
100000

50000

0

Time-->





#5

Bromomethane

Concen: 43.03 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MSD

Tot Ion: 94 Resp: 70554

Ion Ratio Lower Upper

94 100

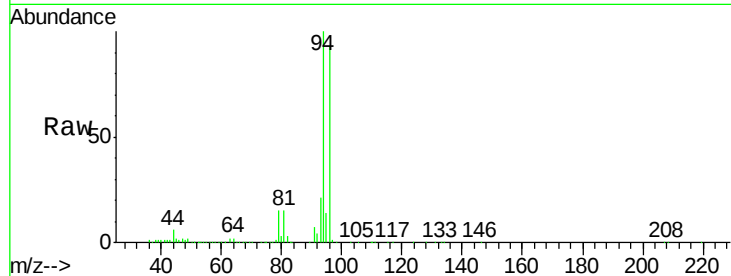
96 93.2 74.9 112.3

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

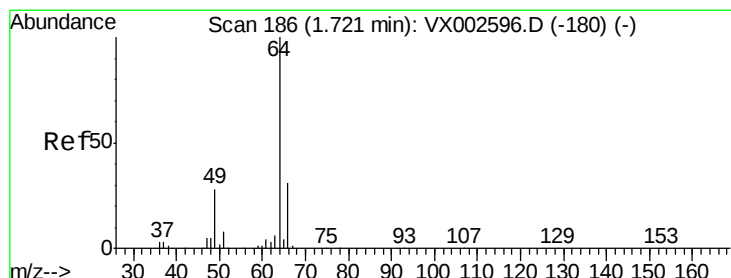
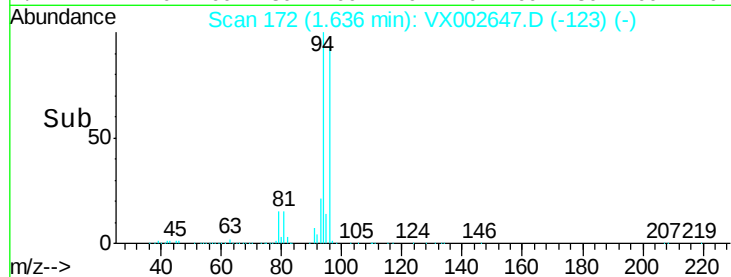
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 49.59 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002647.D

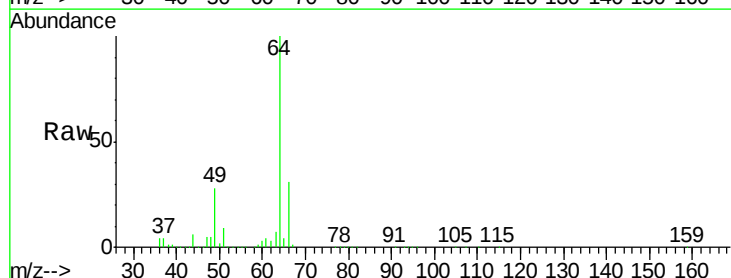
Acq: 16 Jun 2018 14:42

Tgt Ion: 64 Resp: 88821

Ion Ratio Lower Upper

64 100

66 31.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

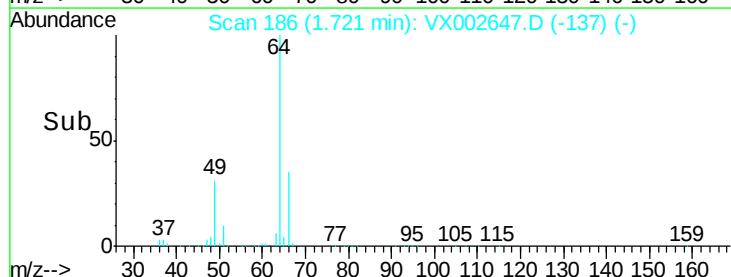
60000

40000

20000

0

Time-->





#7

Trichlorofluoromethane

Concen: 48.52 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Instrument :

MSVOA_X

ClientSampleId :

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Tot Ion:101 Resp: 214230

Ion Ratio Lower Upper

101 100

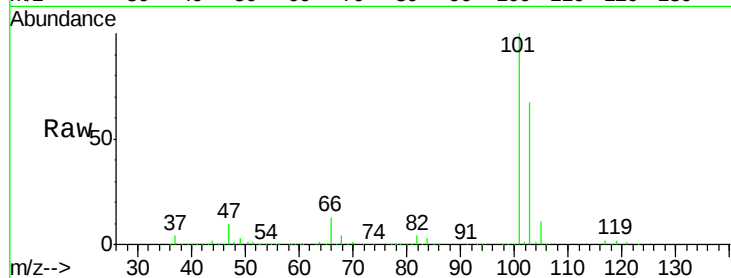
103 67.3 52.8 79.2

Manual Integrations

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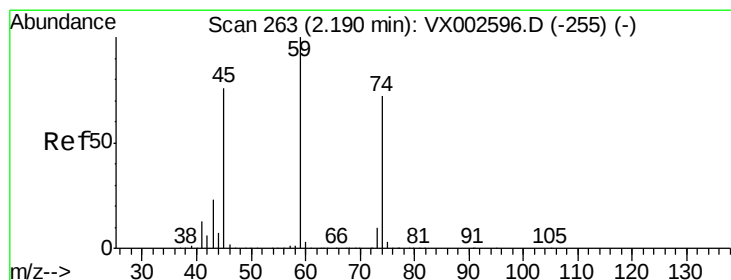
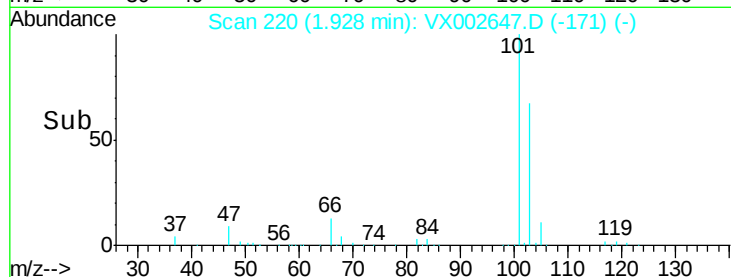
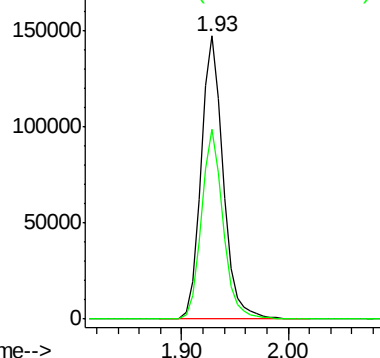
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 49.19 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX002647.D

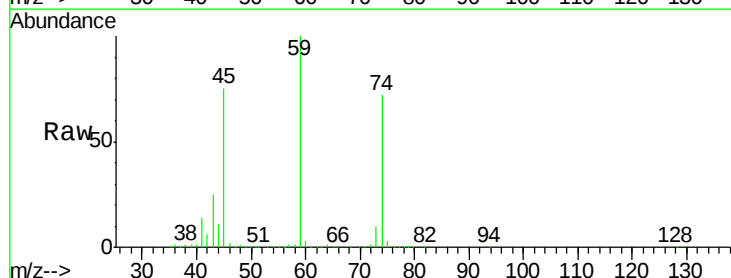
Acq: 16 Jun 2018 14:42

Tgt Ion: 74 Resp: 82614

Ion Ratio Lower Upper

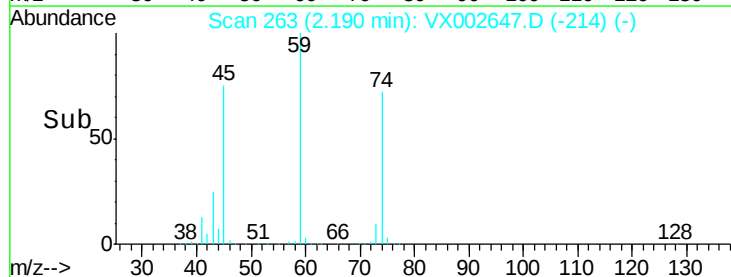
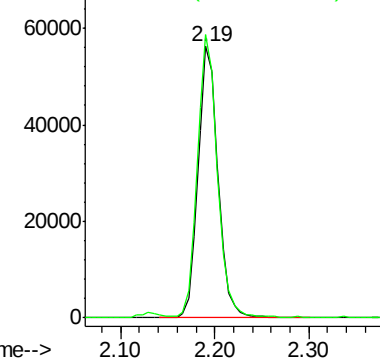
74 100

45 103.5 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.72 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Instrument :

MSVOA_X

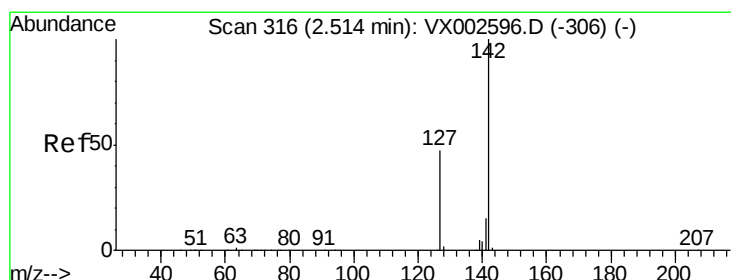
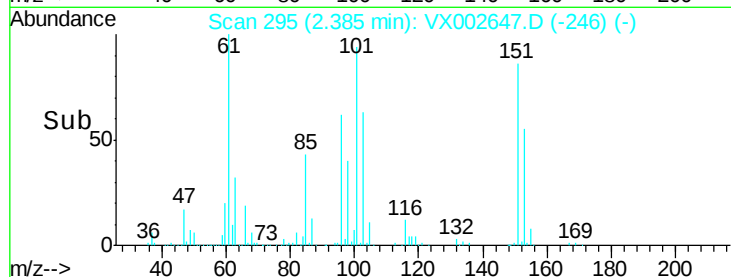
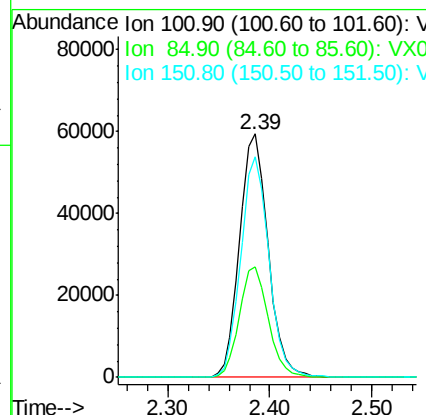
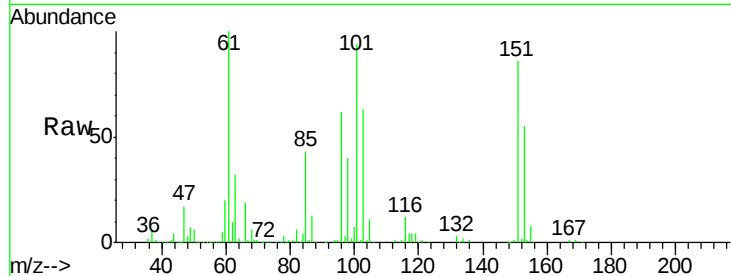
ClientSampleId :

SS003RW114R-180611MSD

Tot Ion:	101	Resp:	115318
Ion Ratio	Lower	Upper	
101	100		
85	45.7	36.0	54.0
151	89.8	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 43.85 ug/l

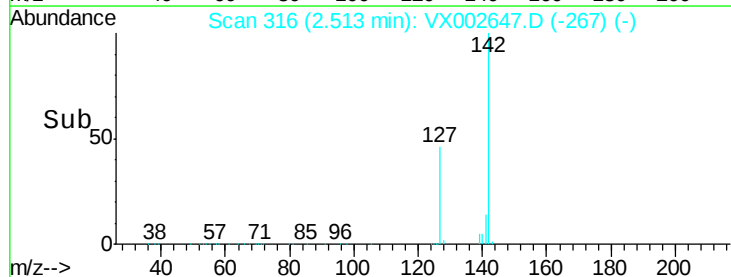
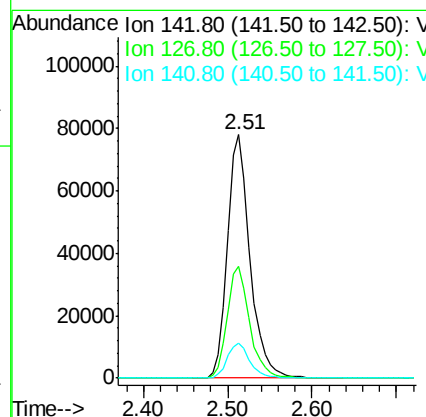
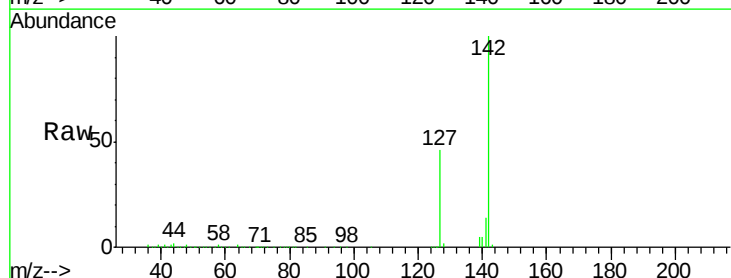
RT: 2.51 min Scan# 316

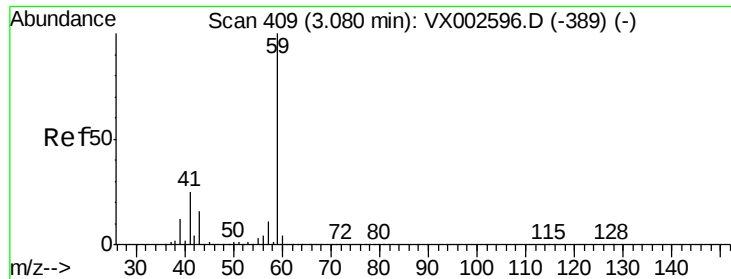
Delta R.T. 0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Tgt Ion:	142	Resp:	143690
Ion Ratio	Lower	Upper	
142	100		
127	45.7	36.6	55.0
141	14.5	11.3	16.9





#11

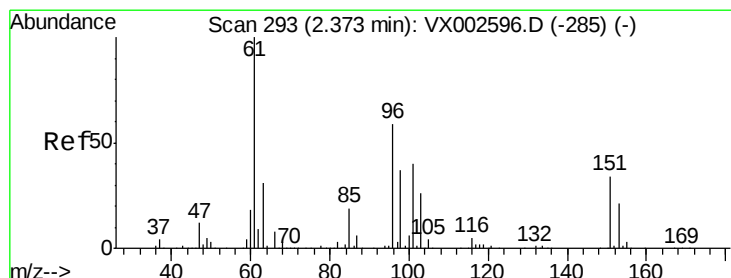
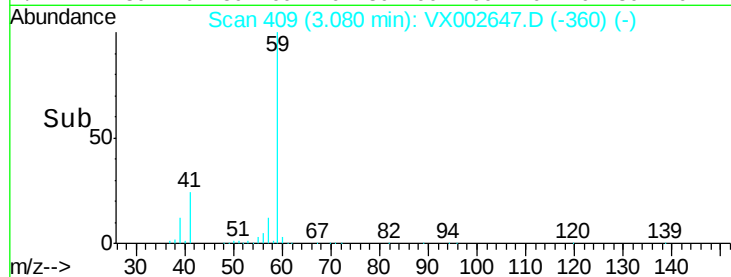
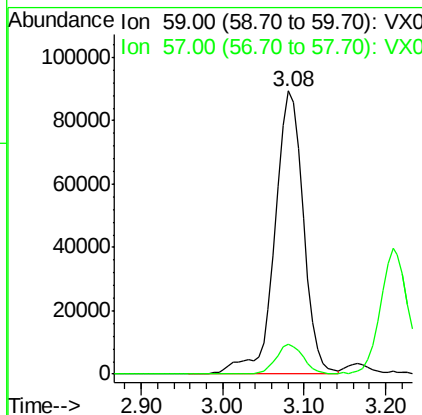
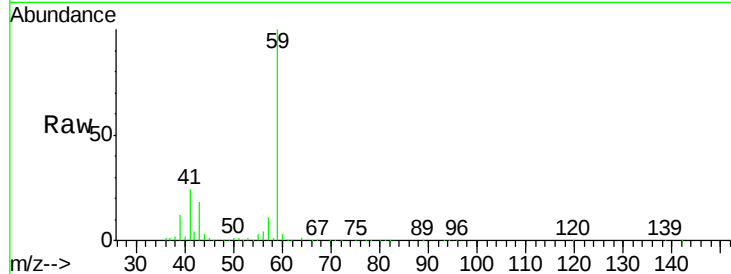
Tert butyl alcohol
Concen: 333.45 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MSD

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	9.7	8.2	12.2

Manual Integrations
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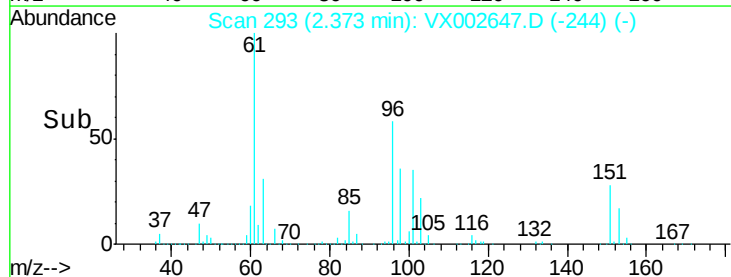
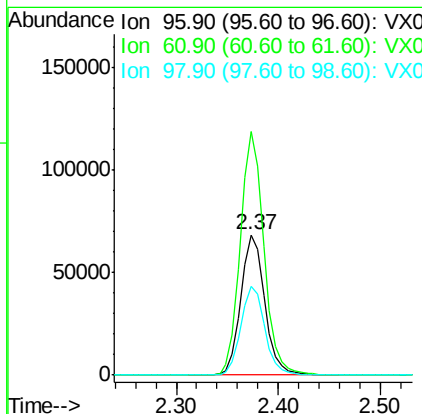
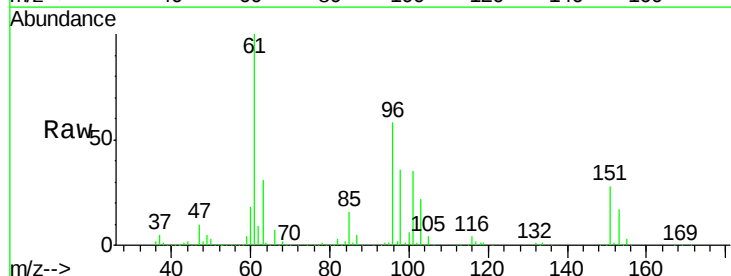
MMDadoda
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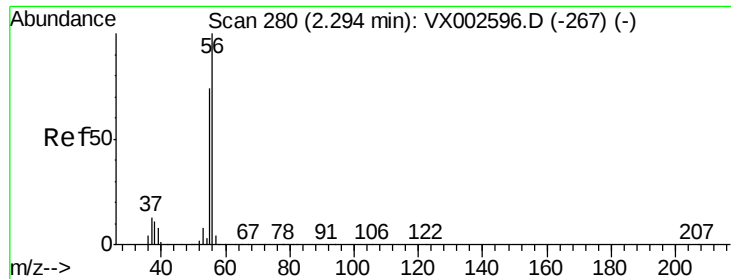


#12

1,1-Dichloroethene
Concen: 47.97 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	173.5	137.9	206.9
98	98	63.0	51.6	77.4





#13

Acrolein

Concen: 247.77 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MSD

Tot Ion: 56 Resp: 75655

Ion Ratio Lower Upper

56 100

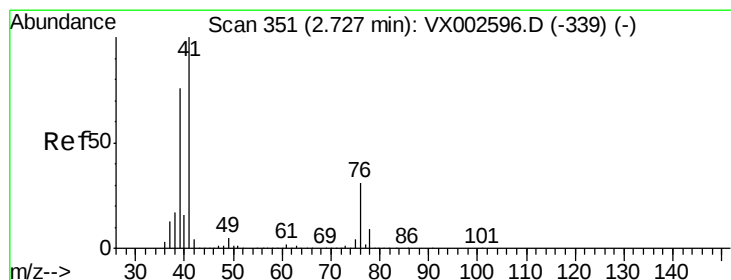
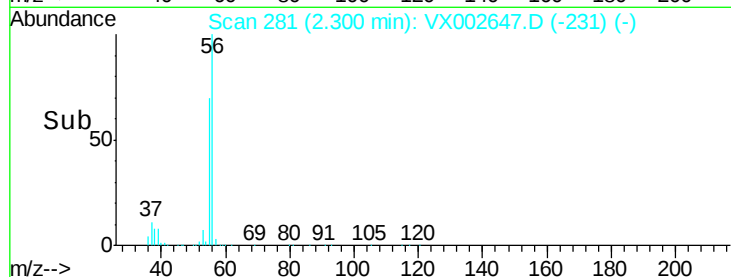
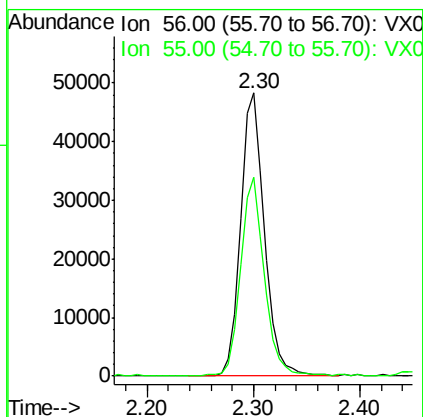
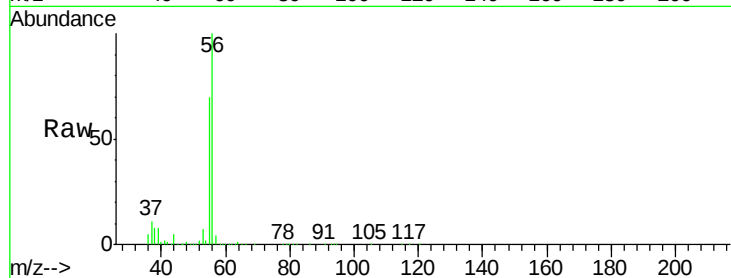
55 69.6 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 46.72 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

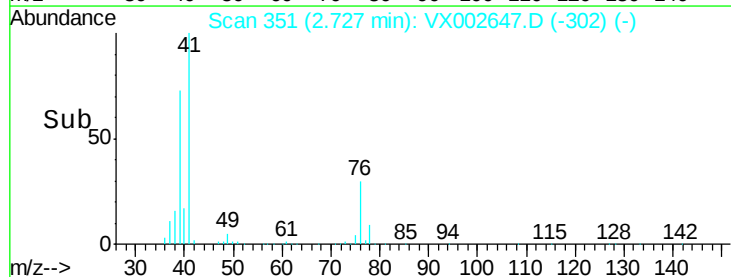
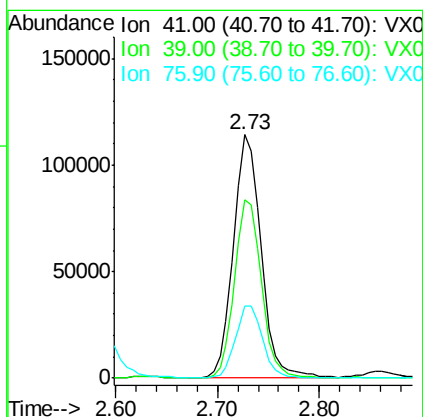
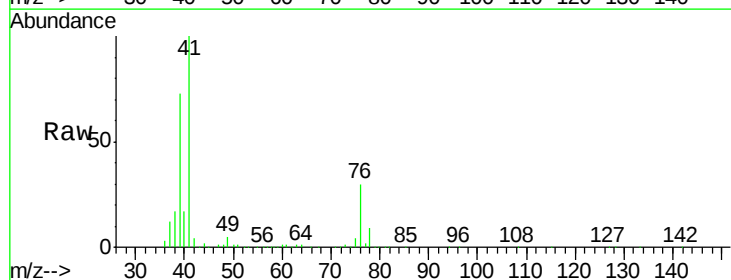
Tgt Ion: 41 Resp: 214936

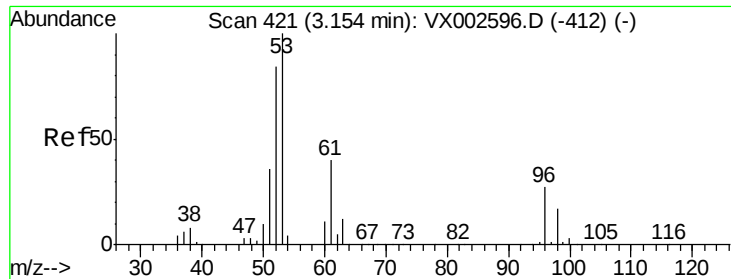
Ion Ratio Lower Upper

41 100

39 70.5 56.8 85.2

76 28.7 23.8 35.8





#15

Acrylonitrile

Concen: 273.04 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Instrument :

MSVOA_X

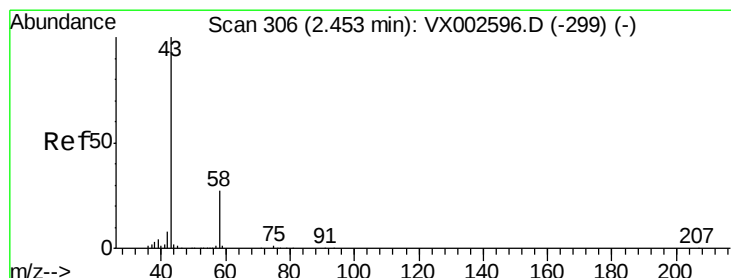
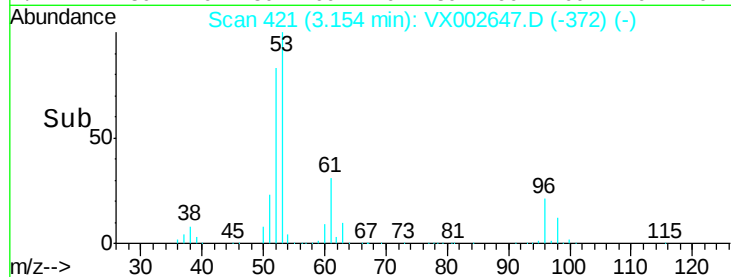
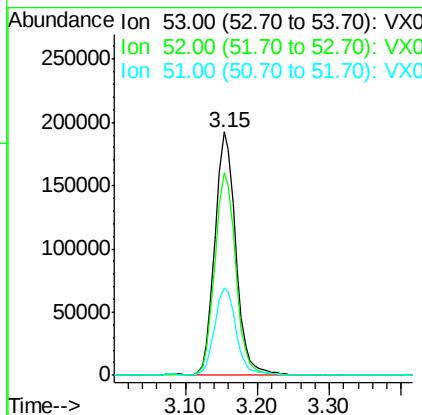
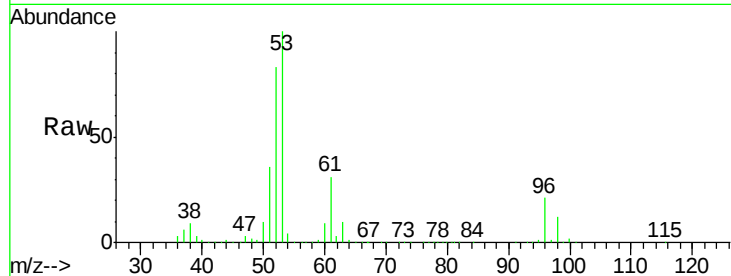
ClientSampleId :

SS003RW114R-180611MSD

Tot Ion:	53	Resp:	388170
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.7	100.1
51	37.1	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 274.52 ug/l

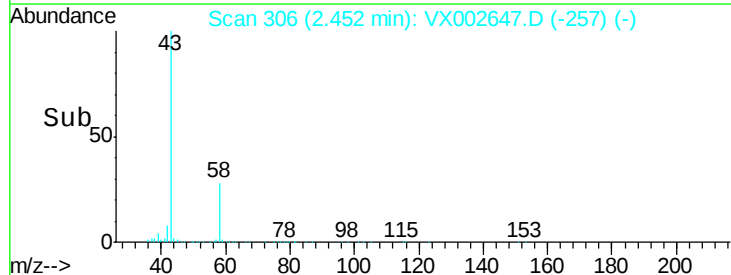
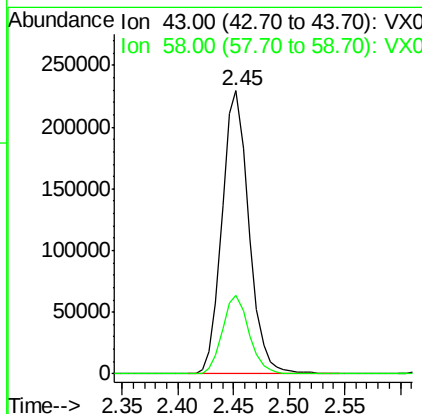
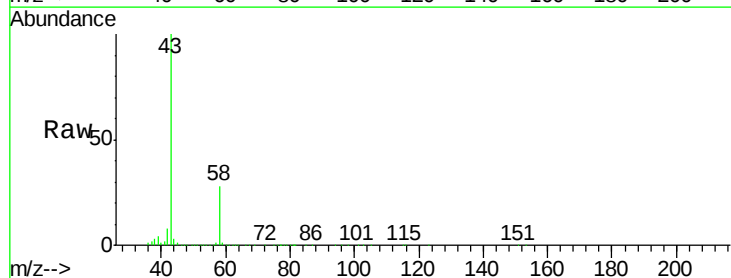
RT: 2.45 min Scan# 306

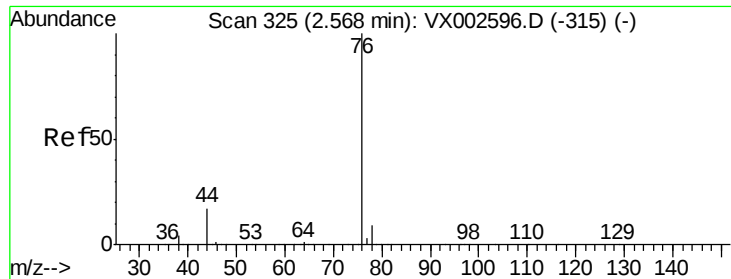
Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Tgt Ion:	43	Resp:	381690
Ion	Ratio	Lower	Upper
43	100		
58	27.6	22.1	33.1





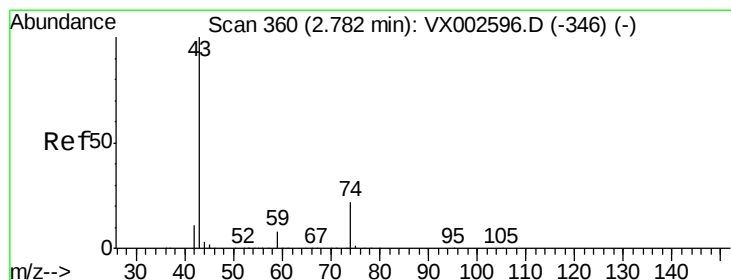
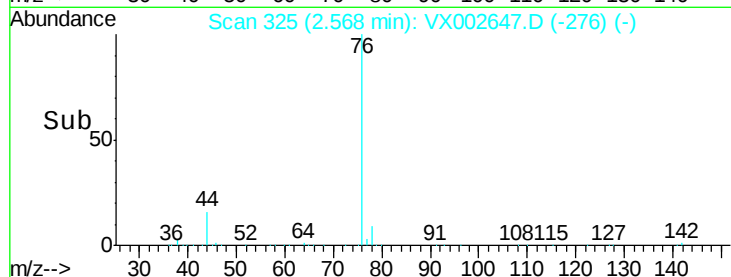
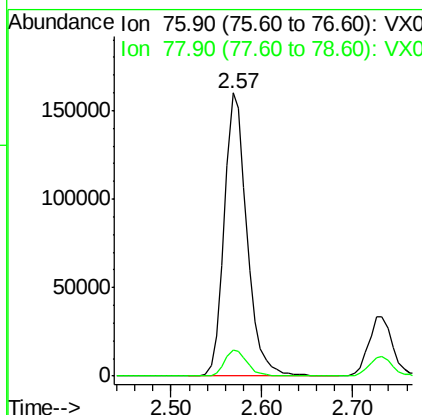
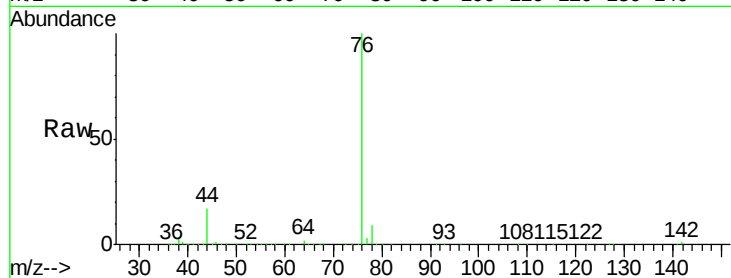
#17
Carbon Disulfide
Concen: 50.59 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.9	10.3

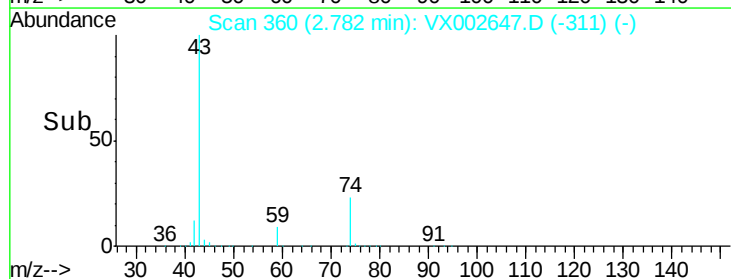
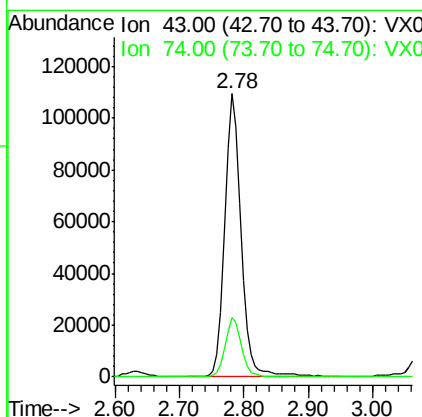
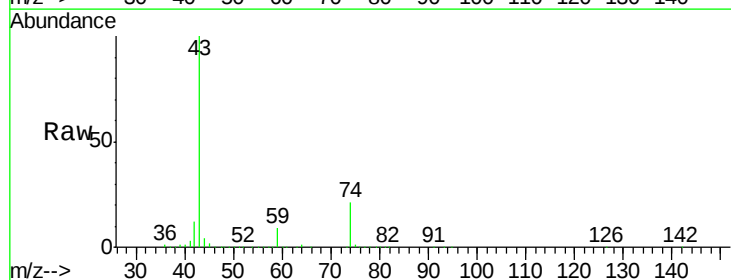
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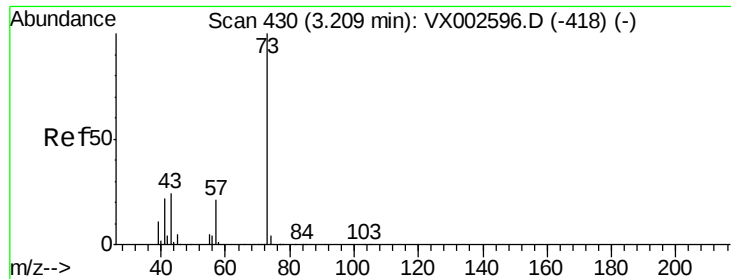
MMDadoda
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#18
Methyl Acetate
Concen: 52.91 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.5	16.7	25.1





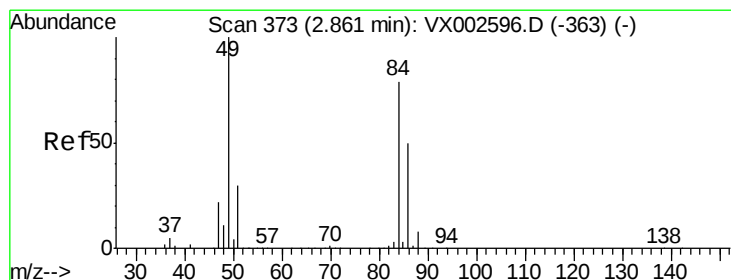
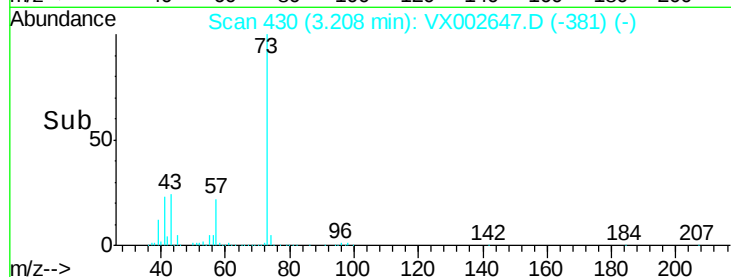
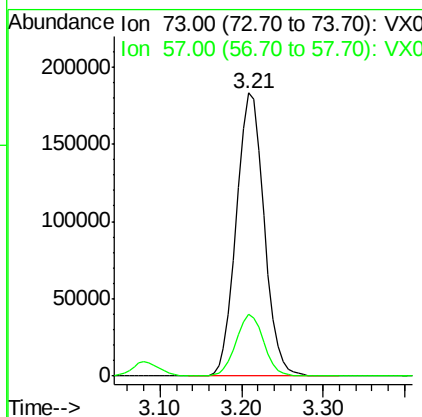
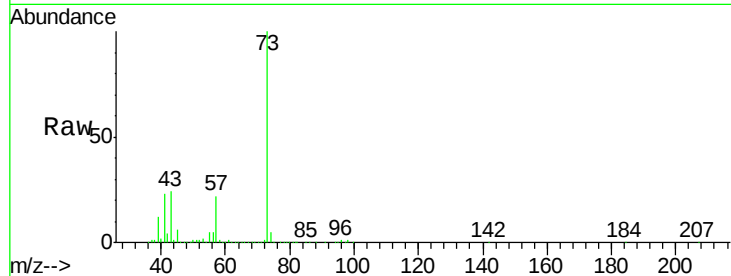
#19
Methvl tert-butvl Ether
Concen: 49.61 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MSD

Tot Ion: 73 Resp: 431224
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5

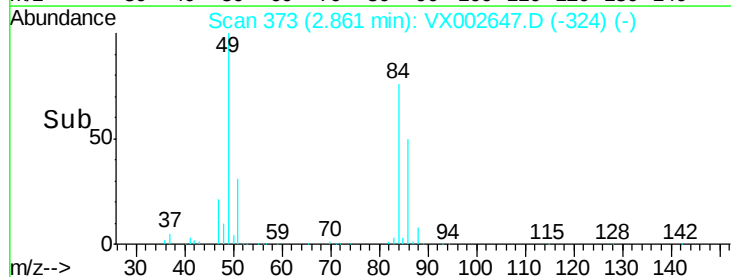
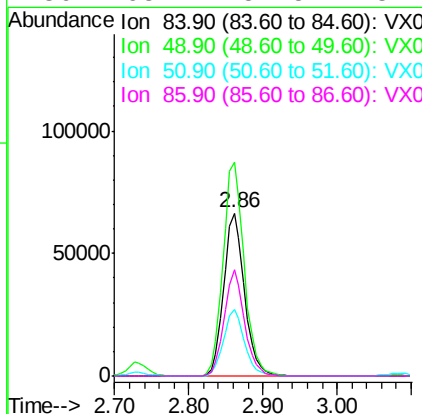
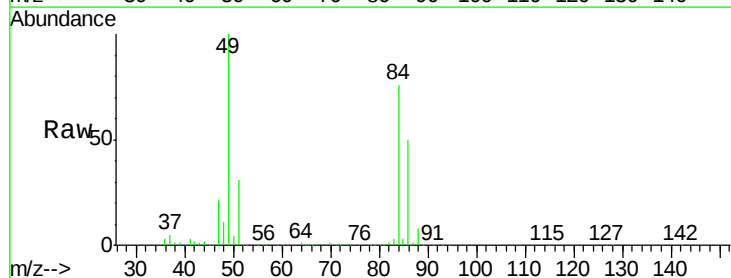
Manual Integrations
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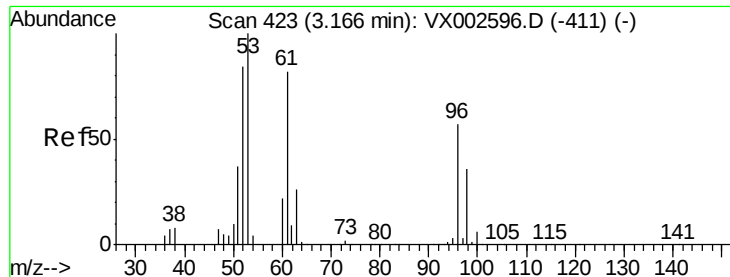
MMDadoda
6/18/2018 5:12:11 PM



#20
Methylene Chloride
Concen: 45.32 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Tgt Ion: 84 Resp: 129215
Ion Ratio Lower Upper
84 100
49 131.1 107.8 161.6
51 40.5 32.8 49.2
86 65.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.69 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Instrument :

MSVOA_X

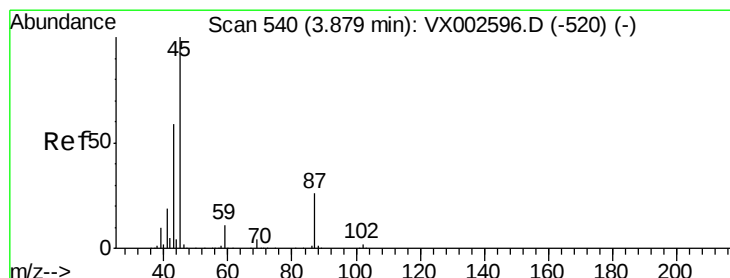
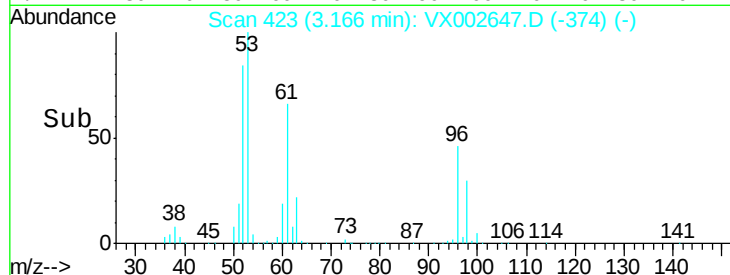
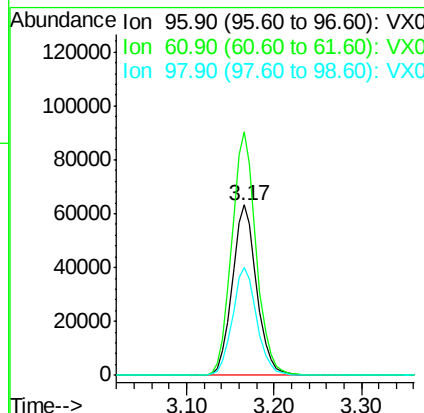
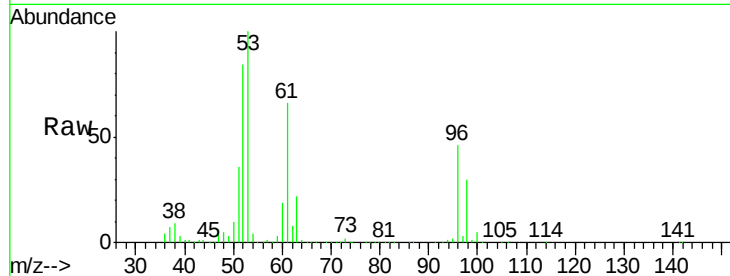
ClientSampleId :

SS003RW114R-180611MSD

Tot Ion:	96	Resp:	122397
Ion	Ratio	Lower	Upper
96	100		
61	142.7	117.0	175.4
98	63.7	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.03 ug/l

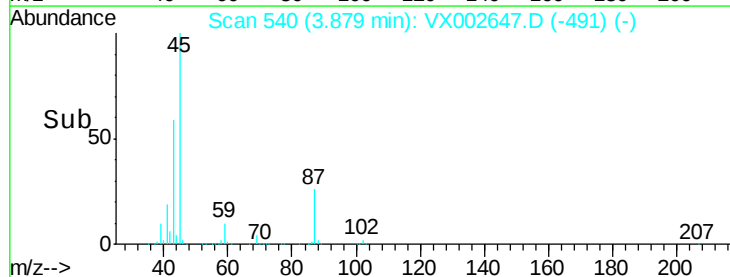
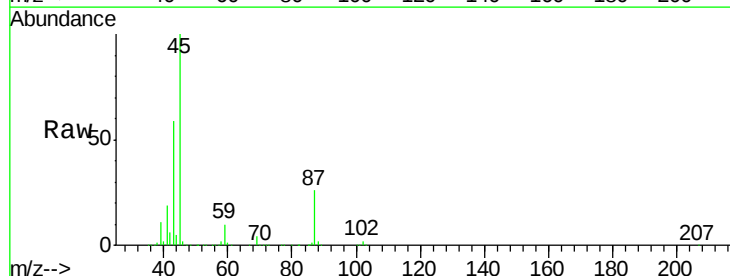
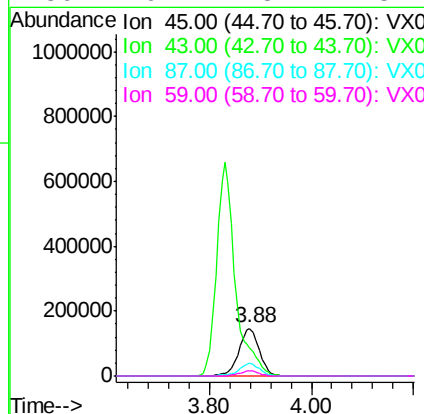
RT: 3.88 min Scan# 540

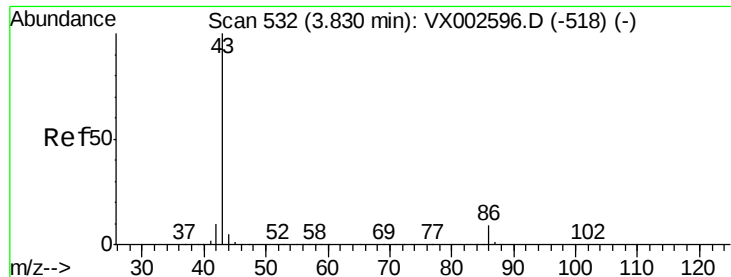
Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Tgt Ion:	45	Resp:	408127
Ion	Ratio	Lower	Upper
45	100		
43	59.2	46.8	70.2
87	26.4	20.2	30.4
59	10.4	8.7	13.1





#23

Vinyl Acetate

Concen: 242.06 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MSD

Tot Ion: 43 Resp: 1686479

Ion Ratio Lower Upper

43 100

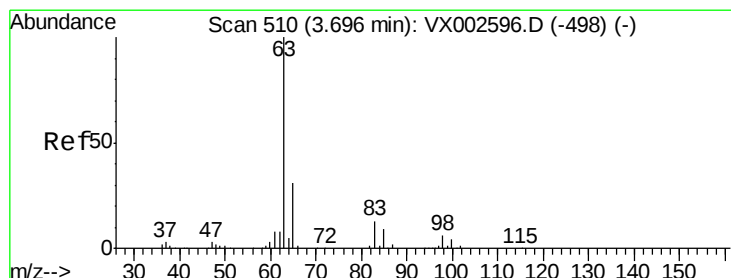
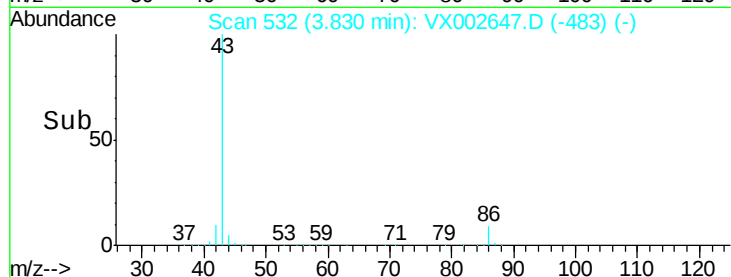
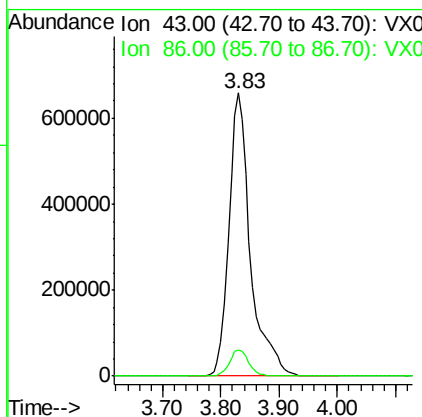
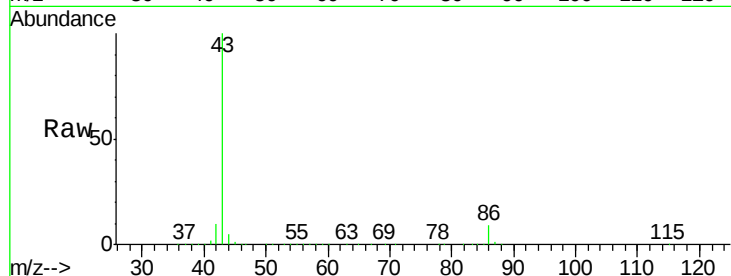
86 9.3 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.09 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

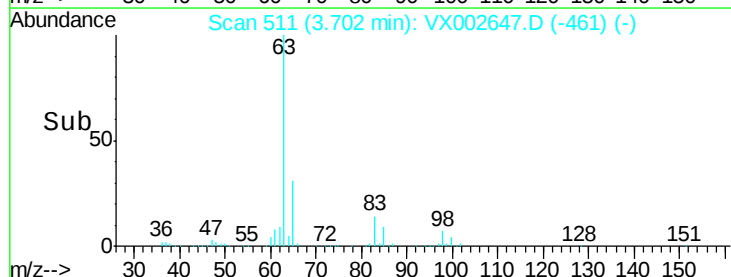
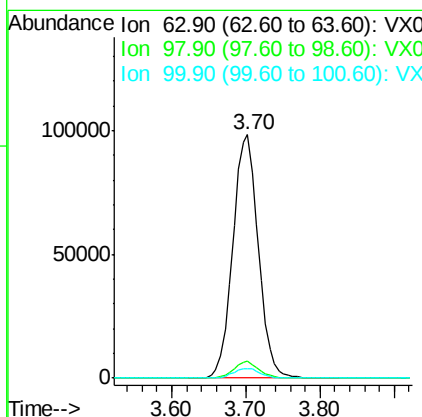
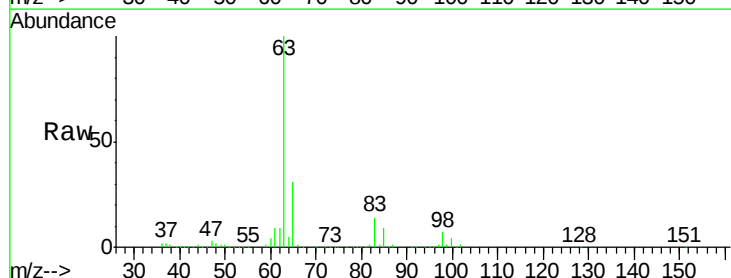
Tgt Ion: 63 Resp: 235358

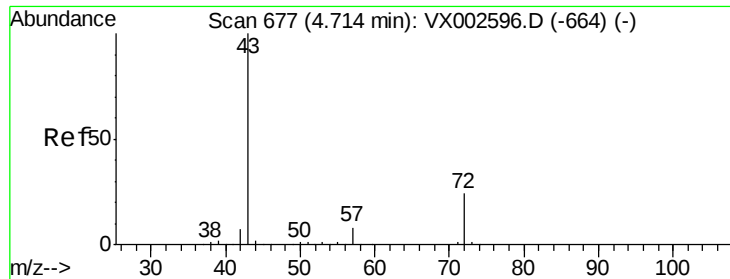
Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 3.9 2.0 6.0





#25

2-Butanone

Concen: 289.30 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MSD

Tot Ion: 43 Resp: 528256

Ion Ratio Lower Upper

43 100

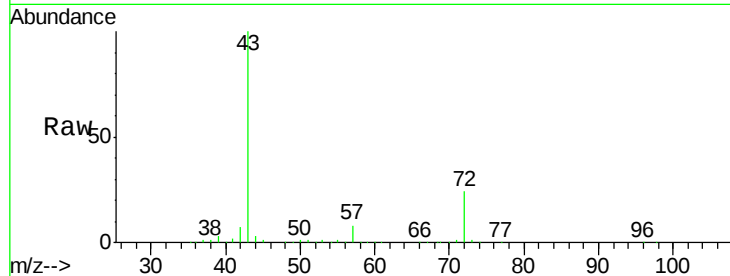
72 24.1 18.5 27.7

Manual Integrations

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MMDadoda

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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

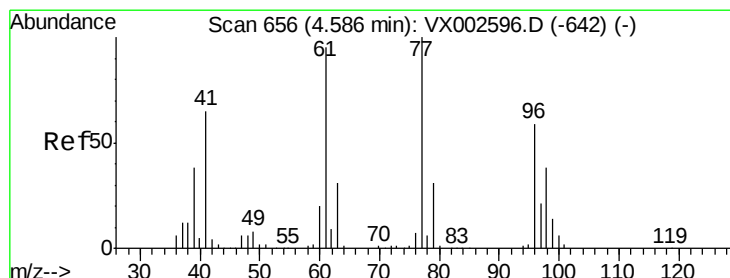
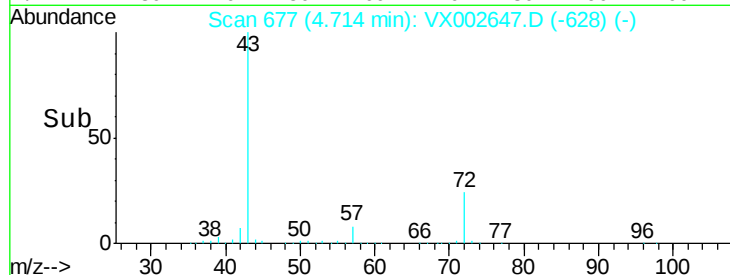
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 26.36 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX002647.D

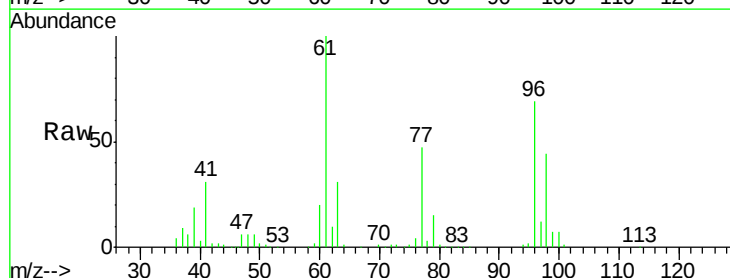
Acq: 16 Jun 2018 14:42

Tgt Ion: 77 Resp: 85581

Ion Ratio Lower Upper

77 100

97 26.3 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

10000

5000

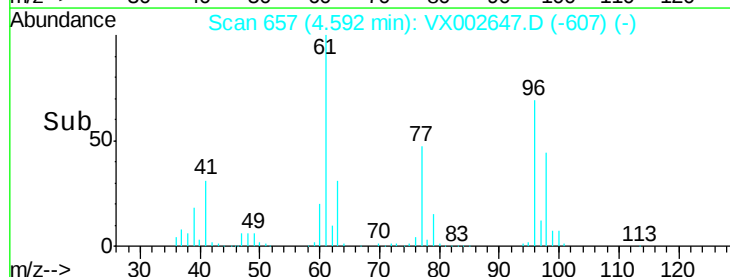
0

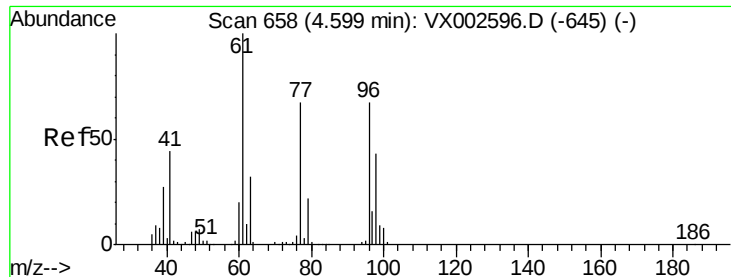
4.50

4.60

4.70

Time-->





#27

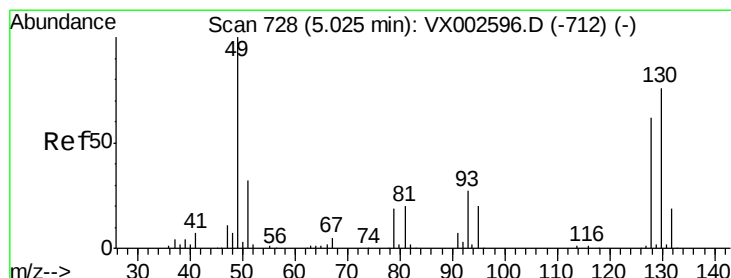
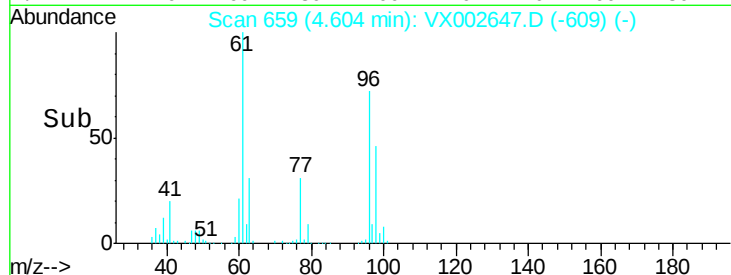
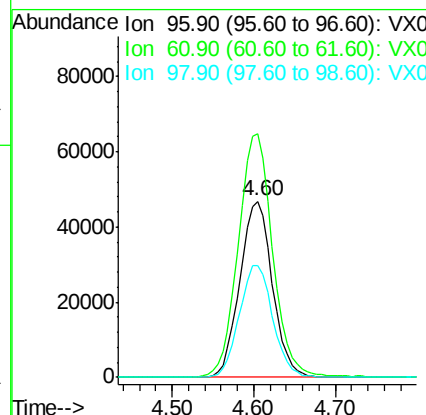
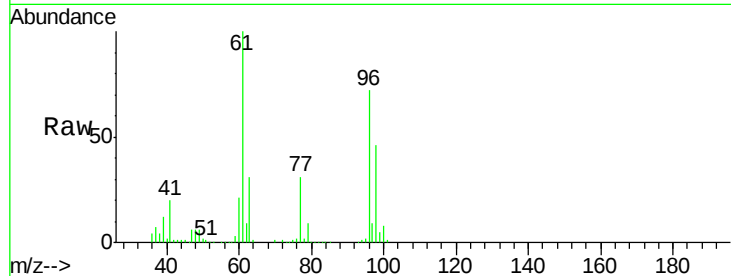
cis-1,2-Dichloroethene
Concen: 50.75 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.8	0.0	330.2	
98	65.1	0.0	130.2	

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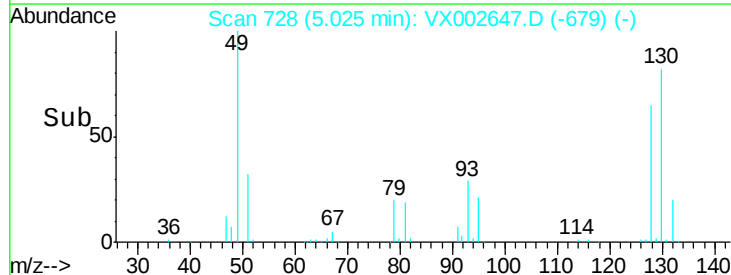
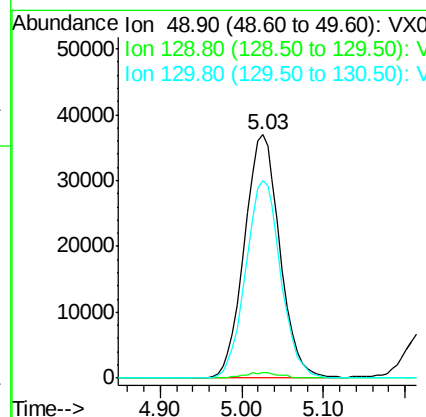
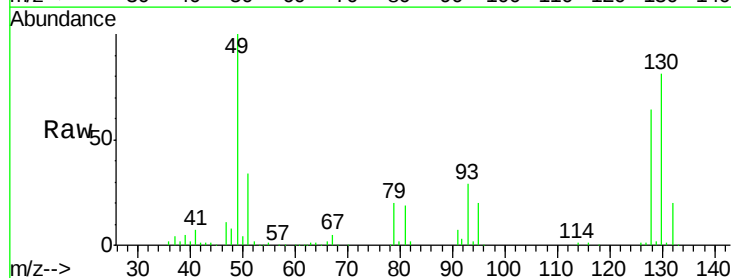
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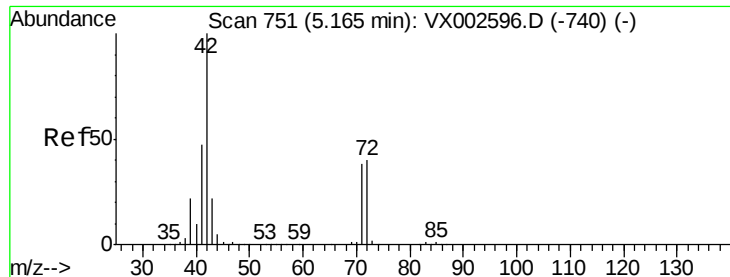


#28

Bromochloromethane
Concen: 52.83 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.2	
130	80.0	61.2	91.8	





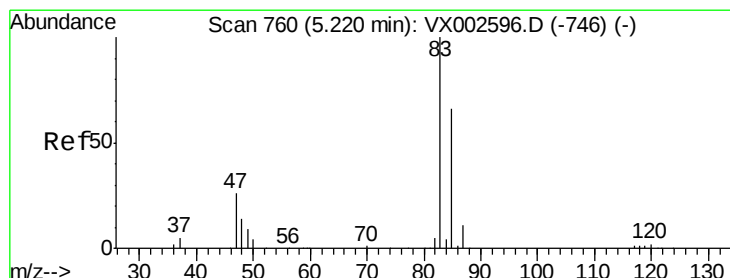
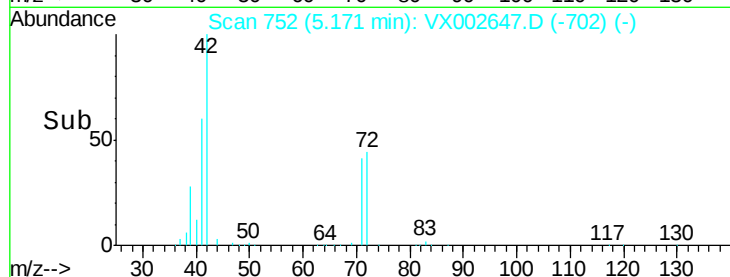
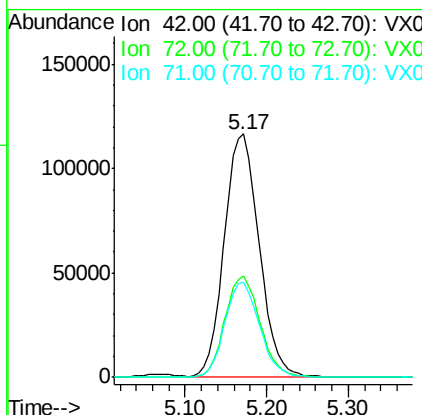
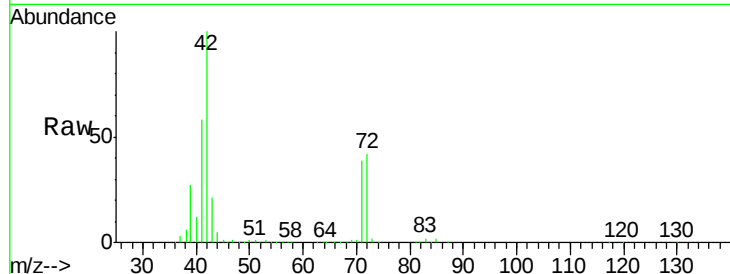
#29
Tetrahydrofuran
Concen: 287.66 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	32.0	48.0
71	39.0	30.1	45.1

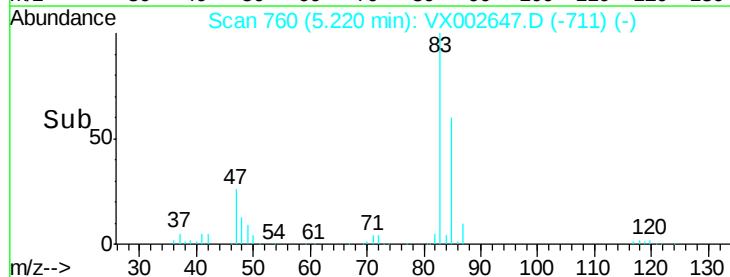
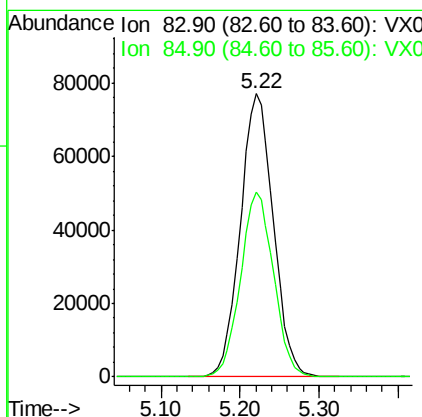
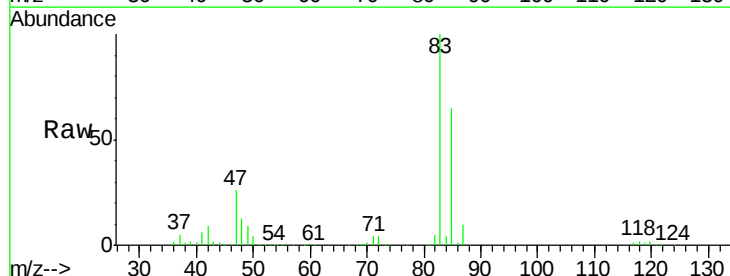
Manual Integrations
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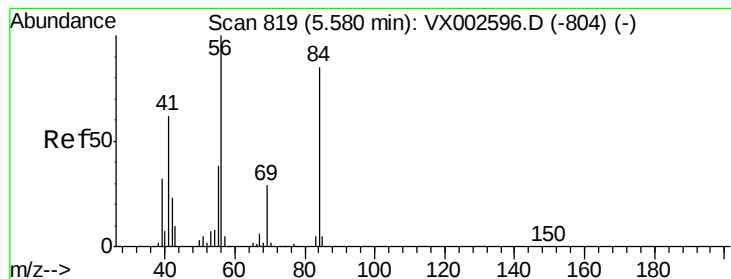
MMDadoda
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#30
Chloroform
Concen: 51.44 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.4	75.6





#31

Cyclohexane

Concen: 48.55 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Instrument :

MSVOA_X

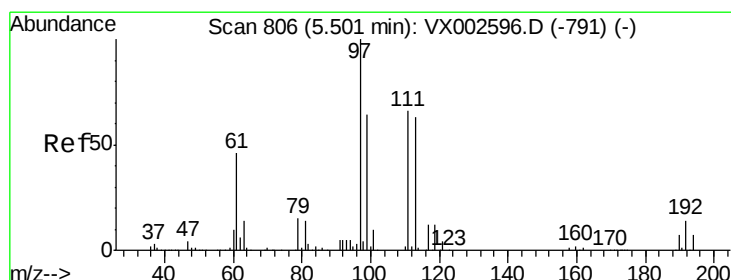
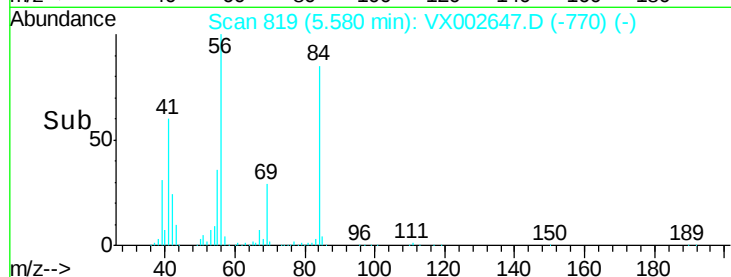
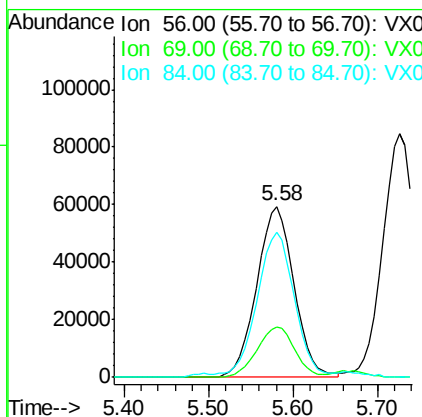
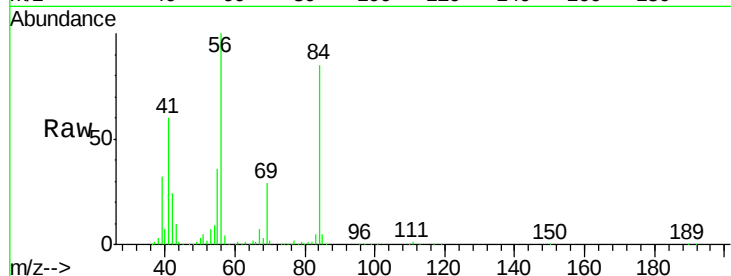
ClientSampleId :

SS003RW114R-180611MSD

Tot Ion:	56	Resp:	180594
Ion Ratio	Lower	Upper	
56	100		
69	29.4	23.7	35.5
84	83.6	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.29 ug/l

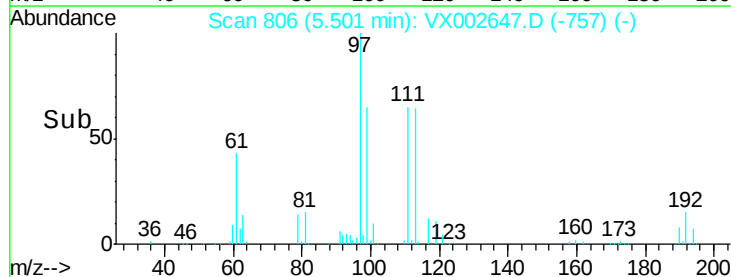
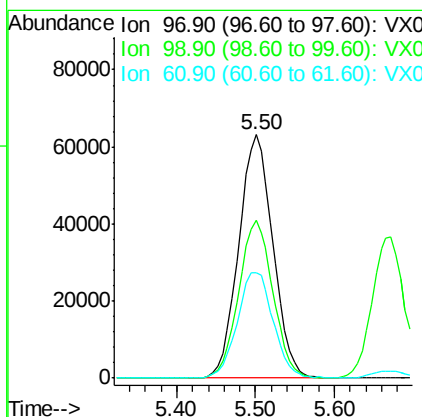
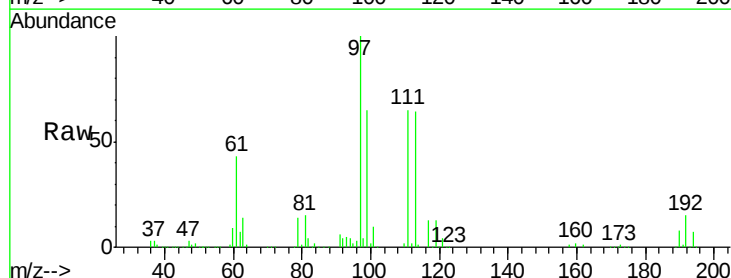
RT: 5.50 min Scan# 806

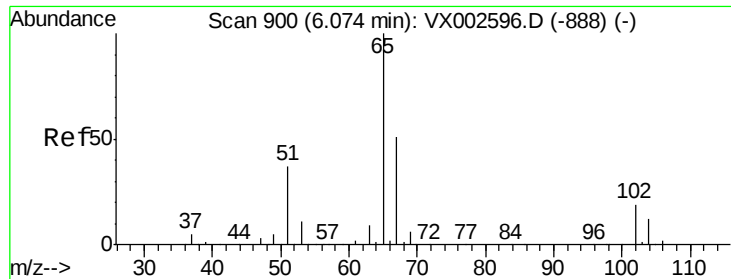
Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Tgt Ion:	97	Resp:	190539
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.6	77.4
61	45.6	36.4	54.6





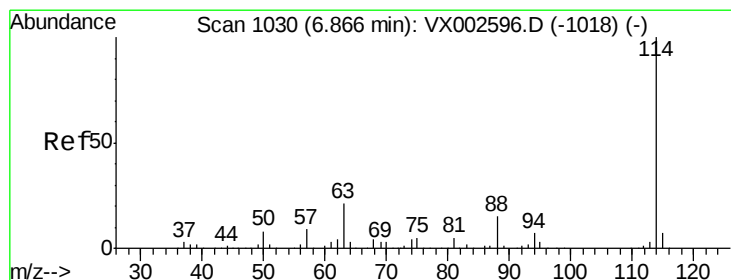
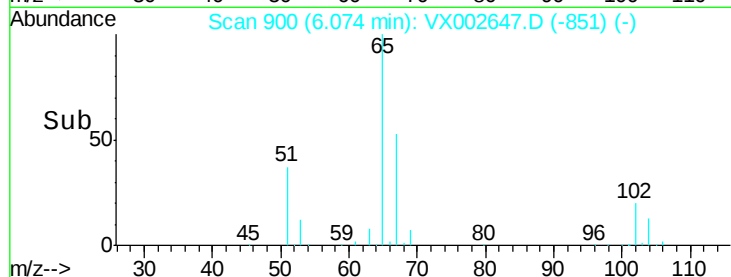
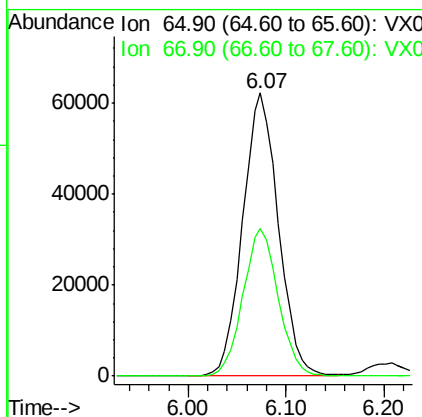
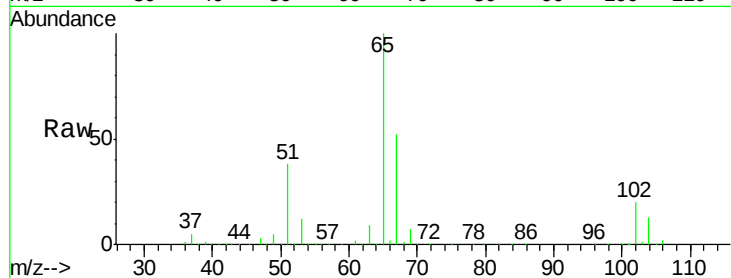
#33
 1,2-Dichloroethane-d4
 Concen: 49.88 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002647.D
 Acq: 16 Jun 2018 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	157186		
67	51.6	0.0	102.6	

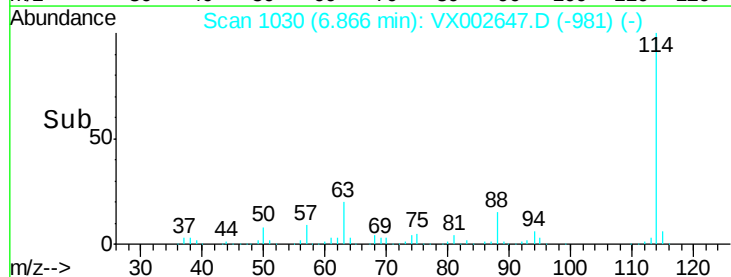
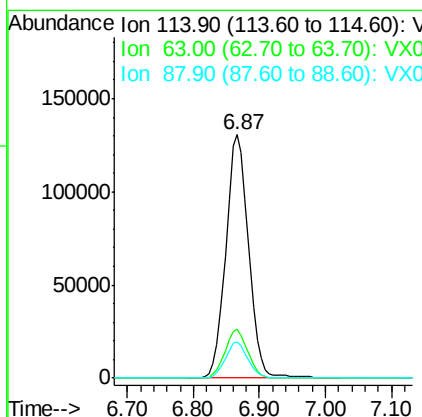
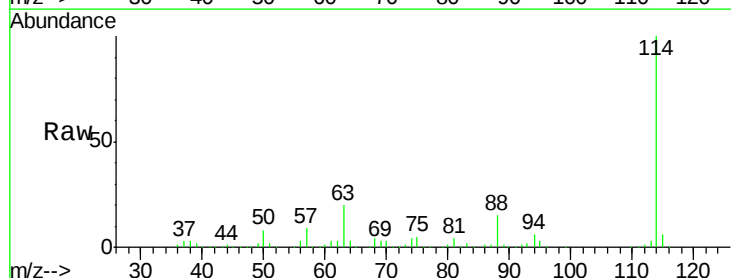
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002647.D
 Acq: 16 Jun 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	311361		
63	20.0	0.0	41.4	
88	15.1	0.0	30.0	





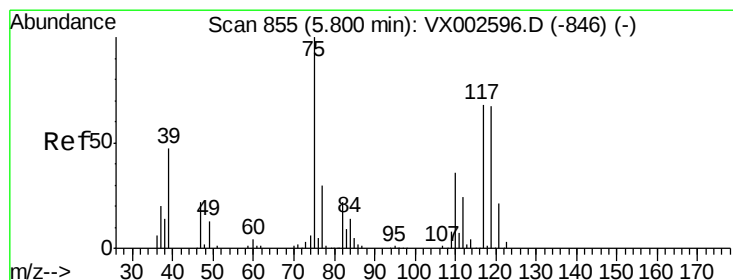
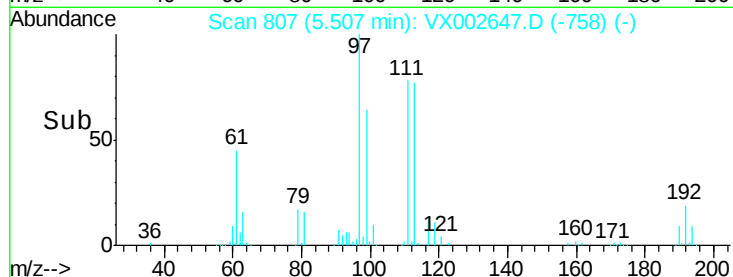
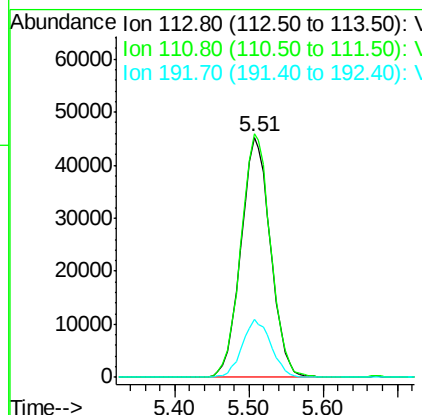
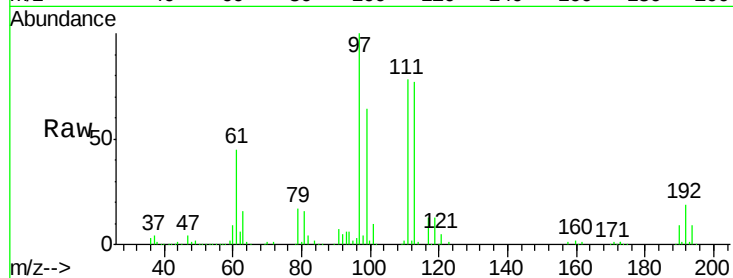
#35
 Dibromofluoromethane
 Concen: 50.78 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002647.D
 Acq: 16 Jun 2018 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	126185		
111	102.0	81.4	122.0	
192	23.7	19.1	28.7	

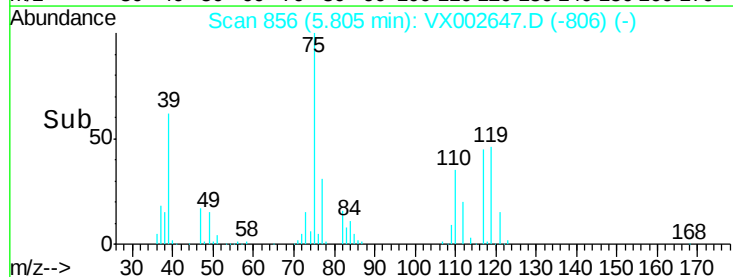
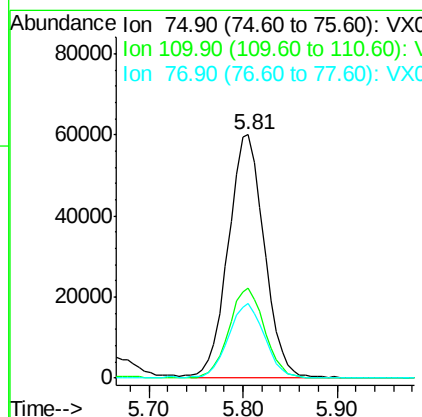
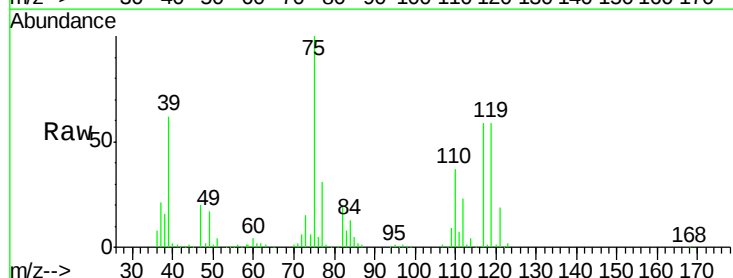
Manual Integrations
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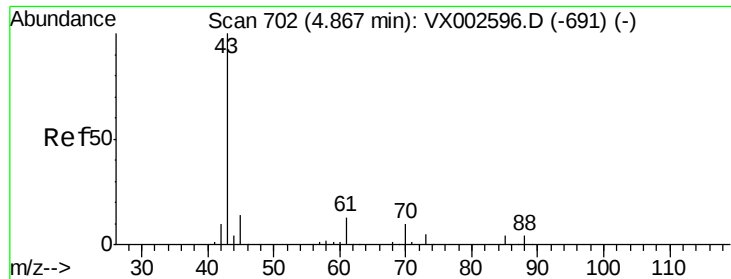
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#36
 1,1-Dichloropropene
 Concen: 48.17 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX002647.D
 Acq: 16 Jun 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	159279		
110	37.0	18.1	54.4	
77	31.0	24.3	36.5	





#37

Ethyl Acetate

Concen: 51.01 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Instrument :

MSVOA_X

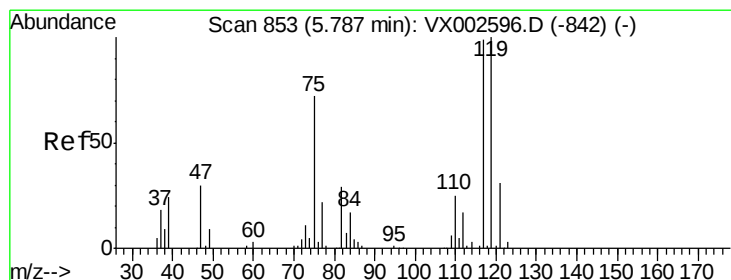
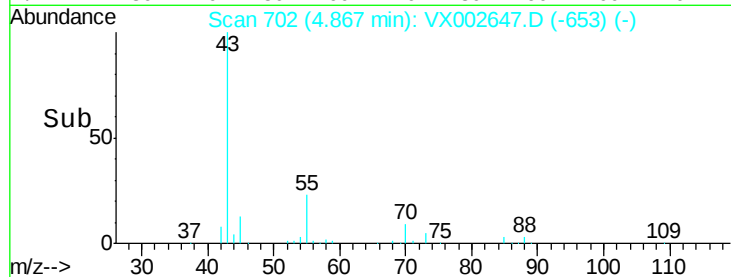
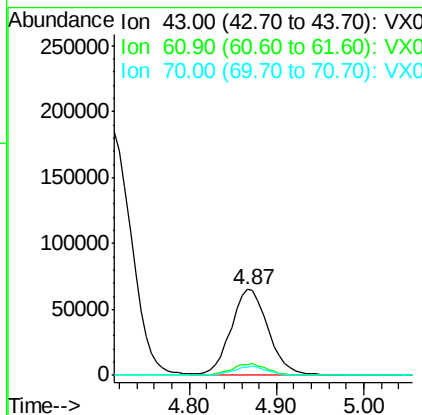
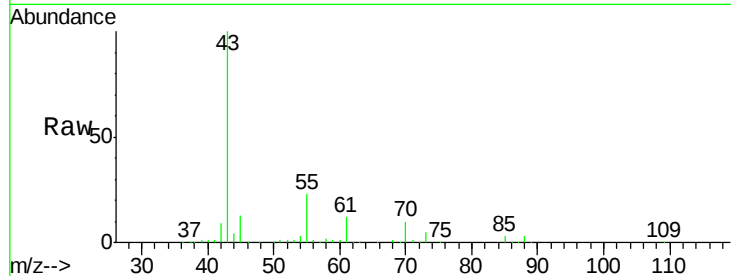
ClientSampleId :

SS003RW114R-180611MSD

Tot Ion:	43	Resp:	190935
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.4	15.6
70	9.7	7.6	11.4

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#38

Carbon Tetrachloride

Concen: 50.78 ug/l

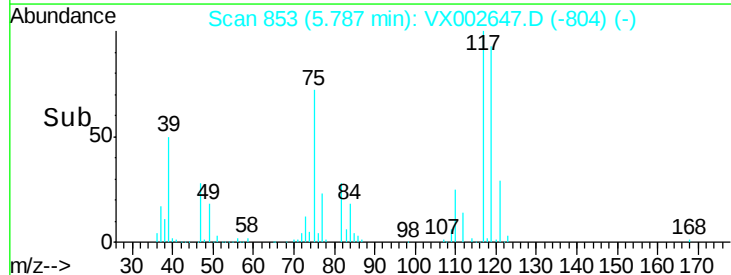
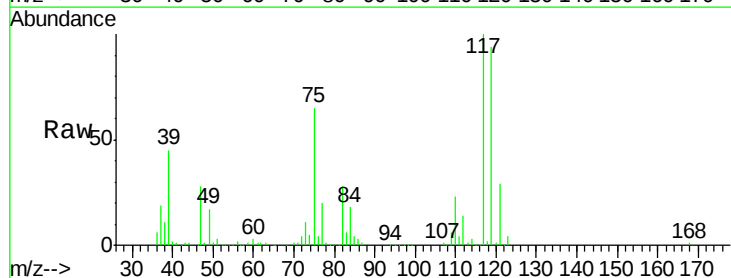
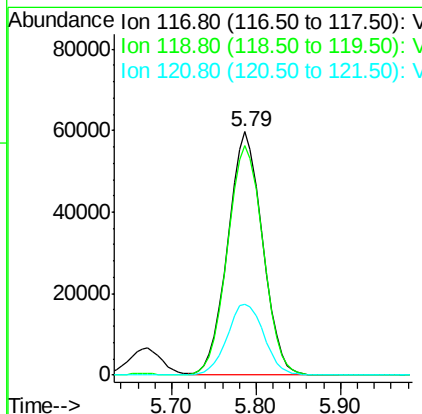
RT: 5.79 min Scan# 853

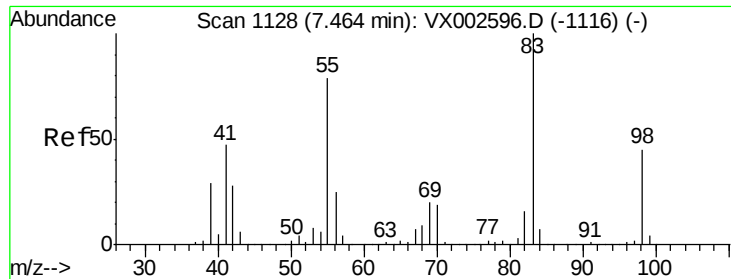
Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Tgt Ion:	117	Resp:	167211
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.4	116.0
121	29.3	24.4	36.6





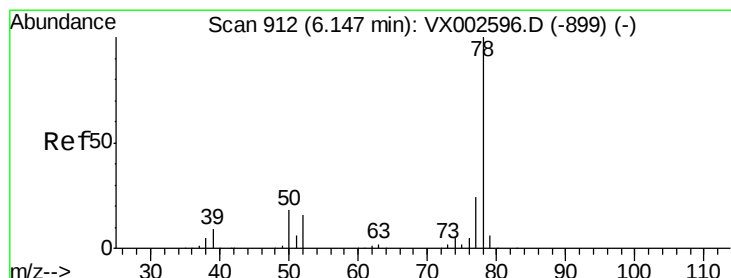
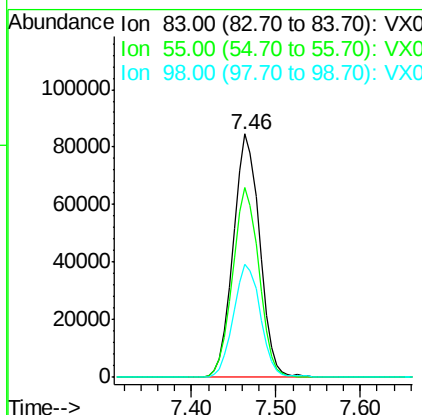
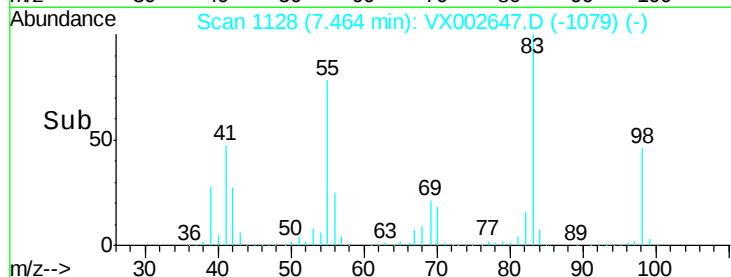
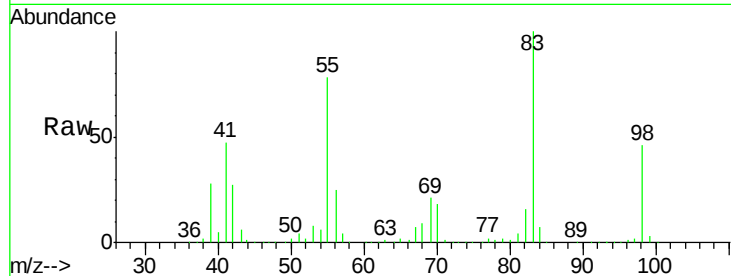
#39
Methvlcvclohexane
Concen: 46.33 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	179110		
55	78.1	65.4	98.0	
98	46.3	37.4	56.0	

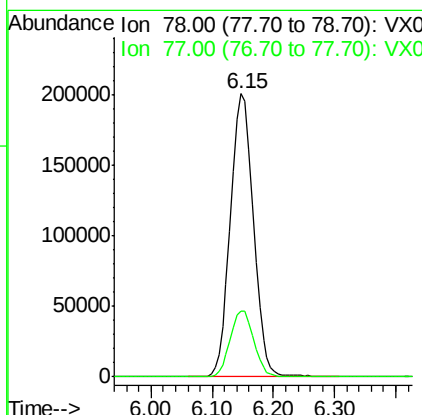
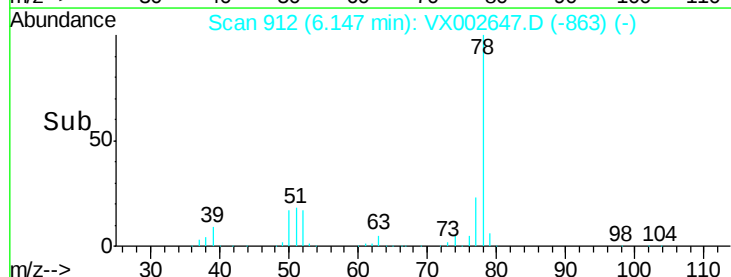
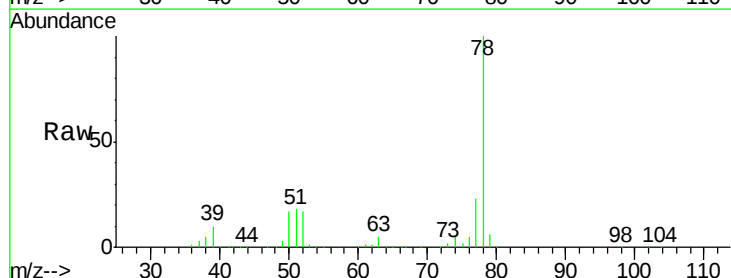
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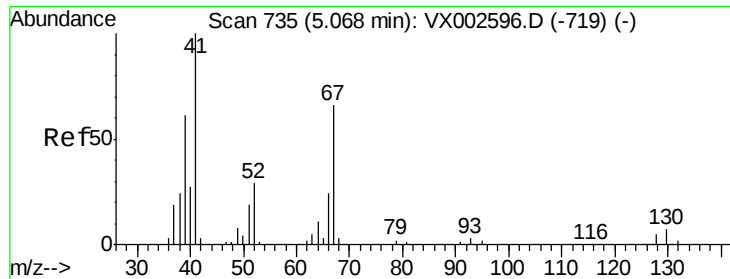
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#40
Benzene
Concen: 52.83 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	523884		
77	23.3	19.1	28.7	





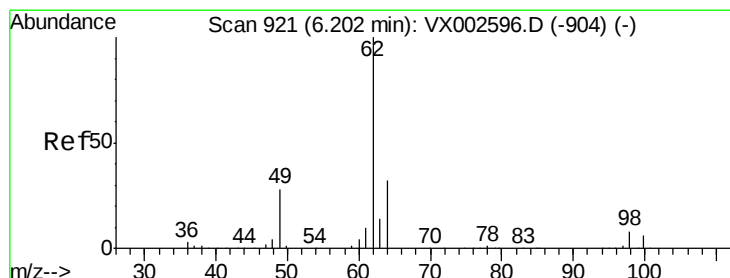
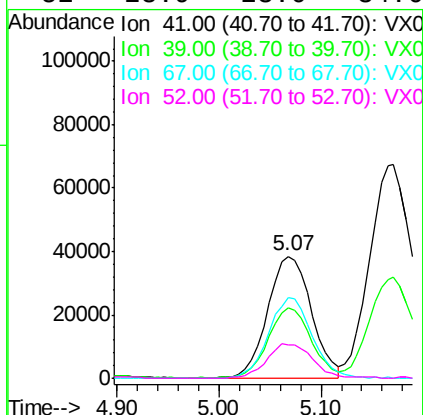
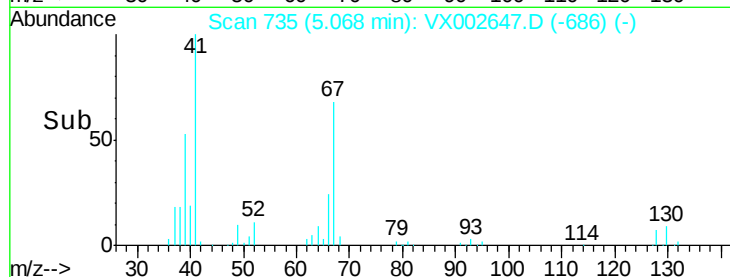
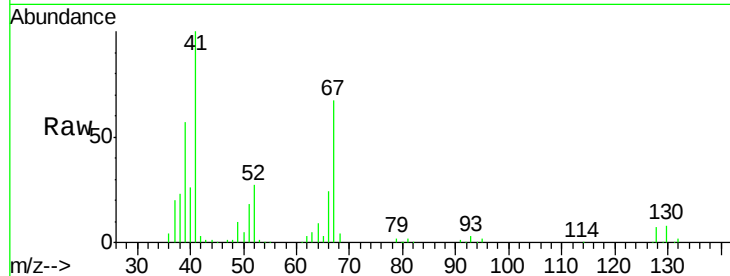
#41
Methacrylonitrile
Concen: 53.96 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.5	45.8	68.6	
67	65.6	51.3	76.9	
52	28.9	23.0	34.6	

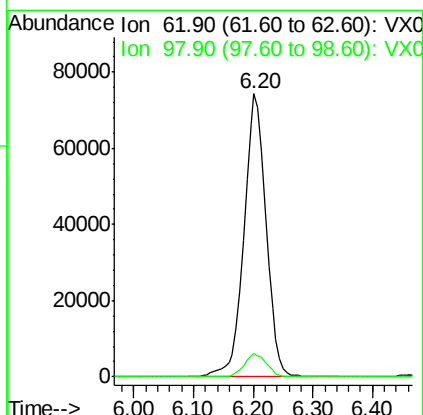
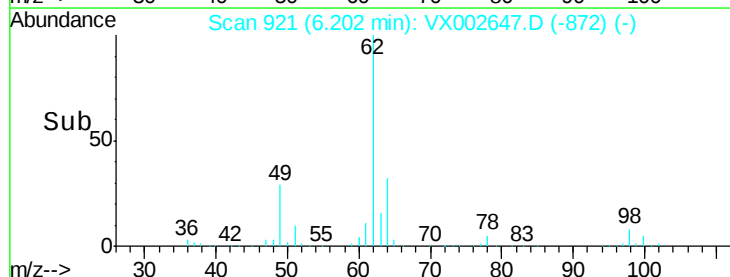
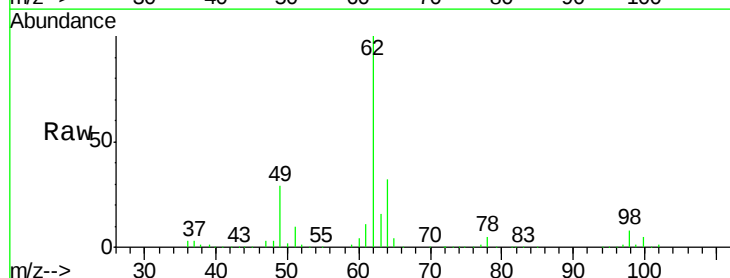
Manual Integrations
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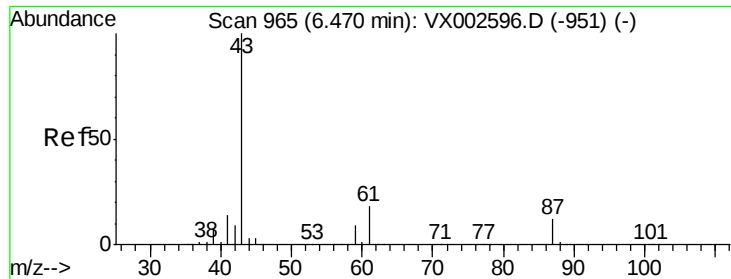
MMDadoda
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#42
1,2-Dichloroethane
Concen: 49.79 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	16.6	





#43

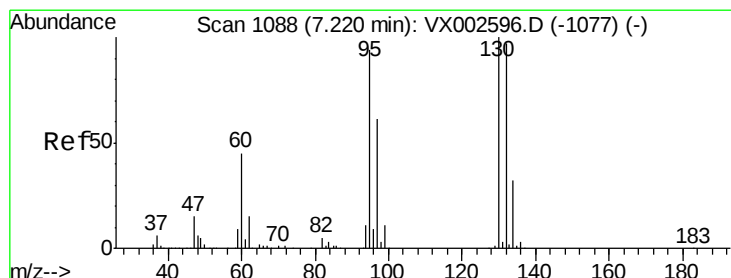
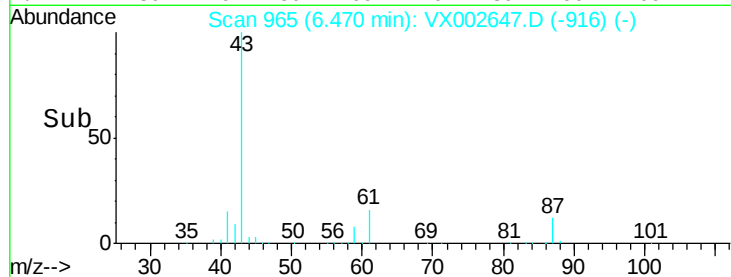
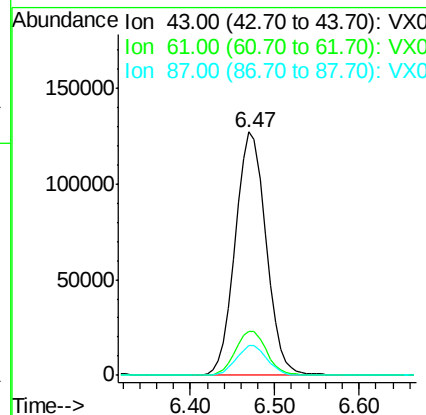
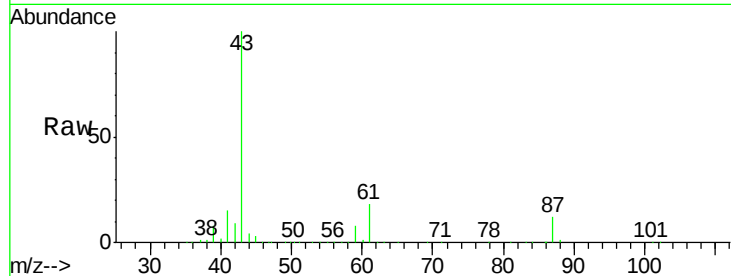
Isopropyl Acetate
 Concen: 50.49 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002647.D
 Acq: 16 Jun 2018 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.5	14.4	21.6
87	12.4	9.5	14.3

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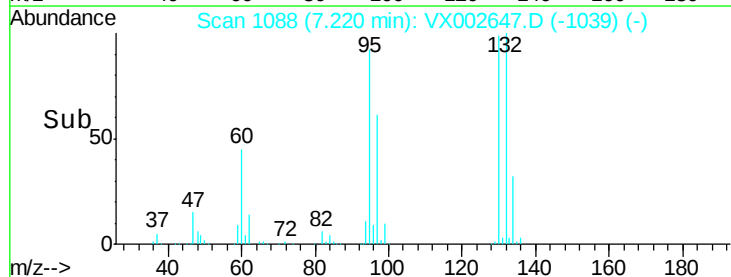
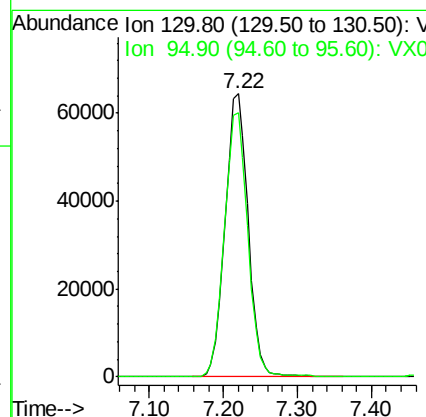
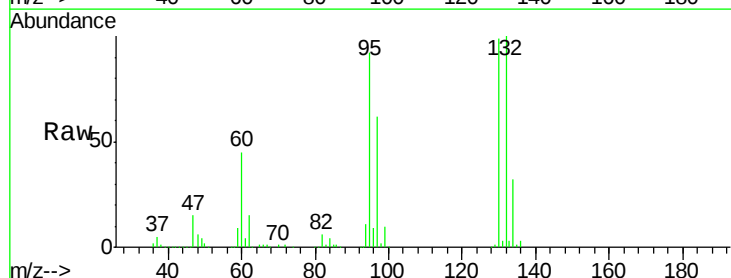
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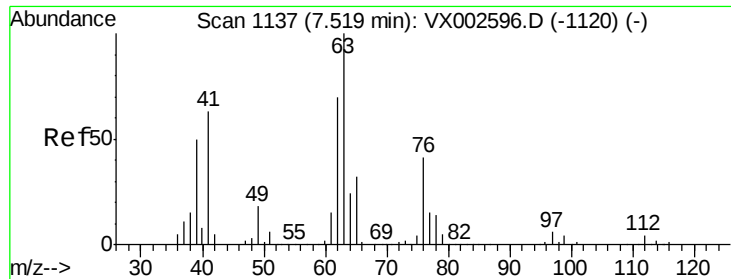


#44

Trichloroethene
 Concen: 48.74 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002647.D
 Acq: 16 Jun 2018 14:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	185.4





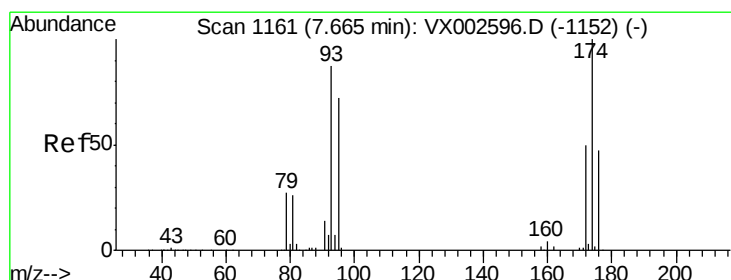
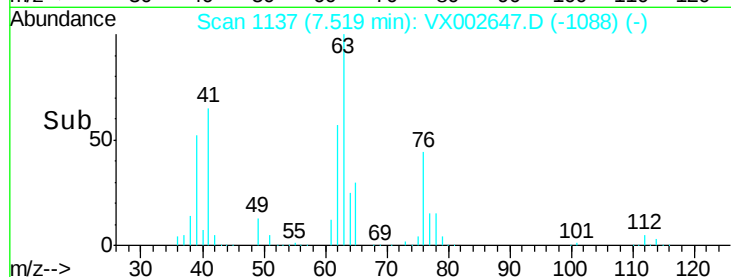
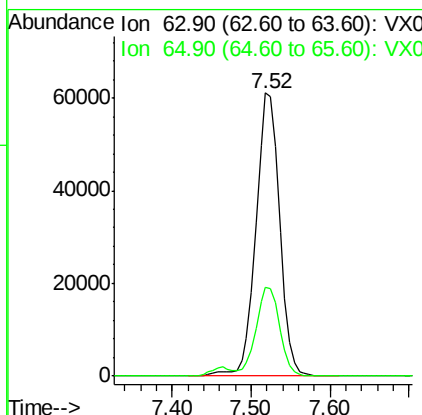
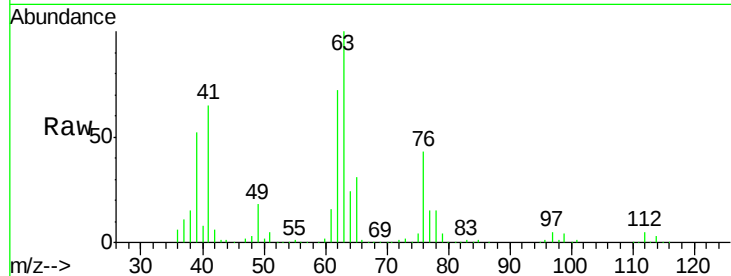
#45
 1,2-Dichloropropane
 Concen: 49.08 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002647.D
 Acq: 16 Jun 2018 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611MSD

Tot Ion: 63 Resp: 128093
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.7 37.1

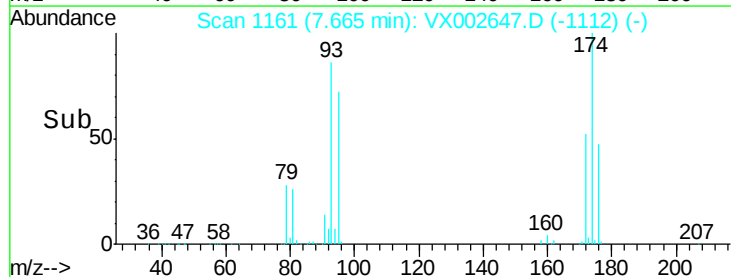
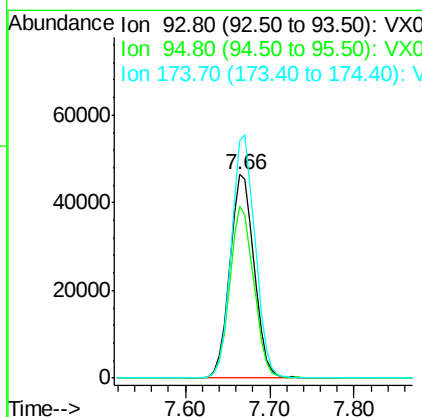
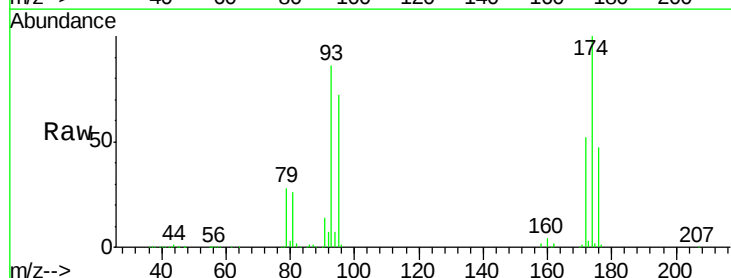
Manual Integrations
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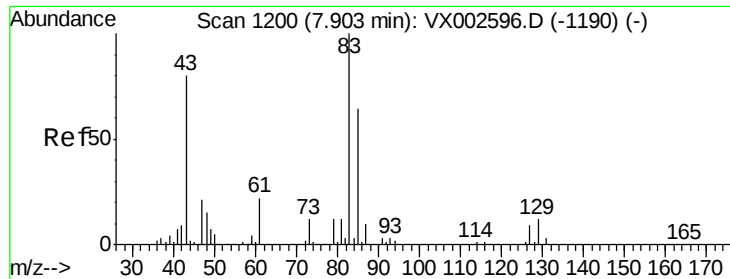
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#46
 Dibromomethane
 Concen: 52.14 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002647.D
 Acq: 16 Jun 2018 14:42

Tgt Ion: 93 Resp: 91012
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.9 98.9
 174 116.3 92.4 138.6





#47

Bromodichloromethane

Concen: 53.29 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Instrument :

MSVOA_X

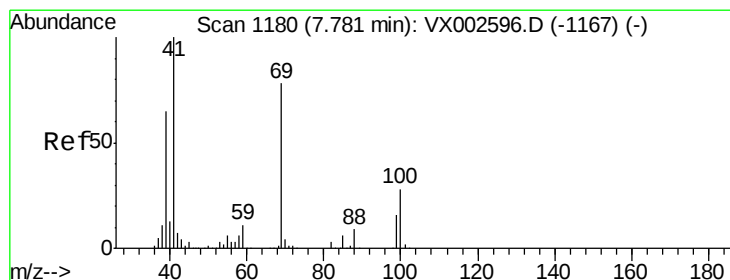
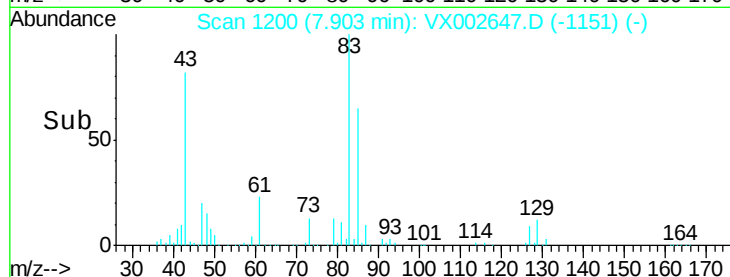
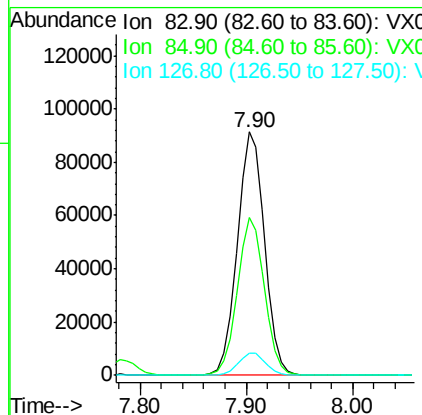
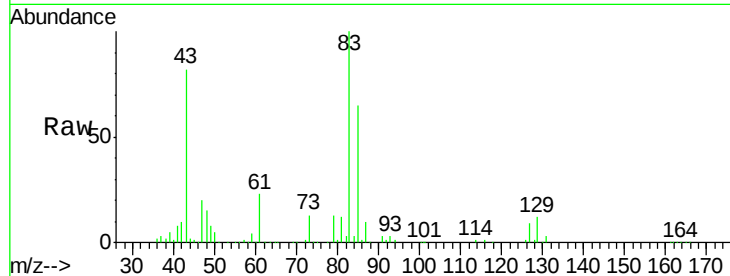
ClientSampleId :

SS003RW114R-180611MSD

Tot Ion:	83	Resp:	164063
Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.3	75.5
127	9.3	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.62 ug/l

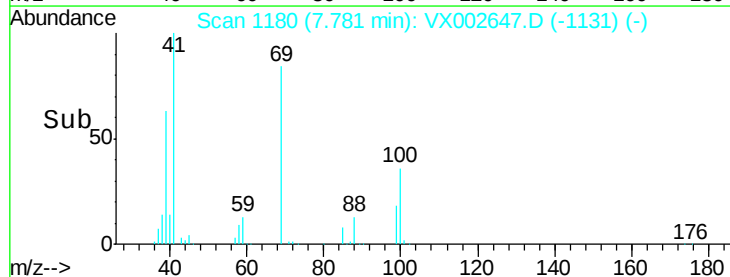
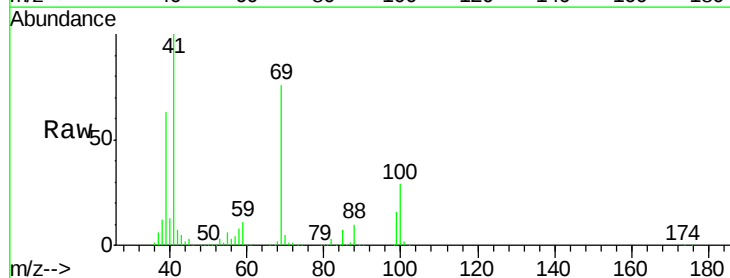
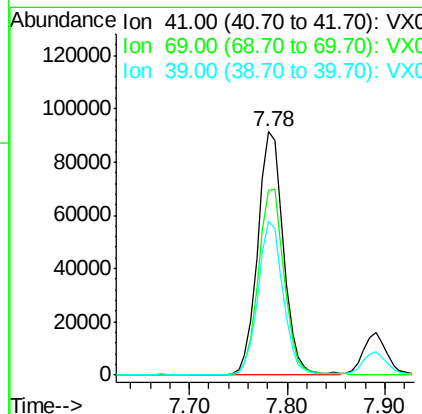
RT: 7.78 min Scan# 1180

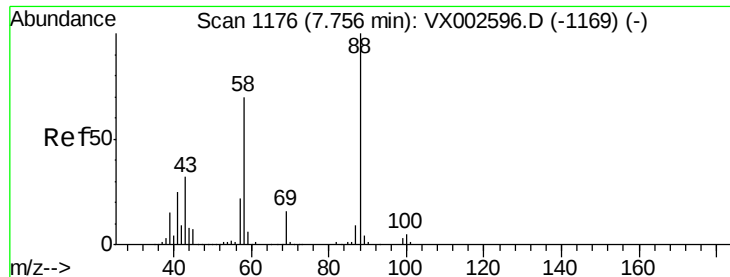
Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Tgt Ion:	41	Resp:	166746
Ion	Ratio	Lower	Upper
41	100		
69	77.5	59.1	88.7
39	61.8	48.9	73.3





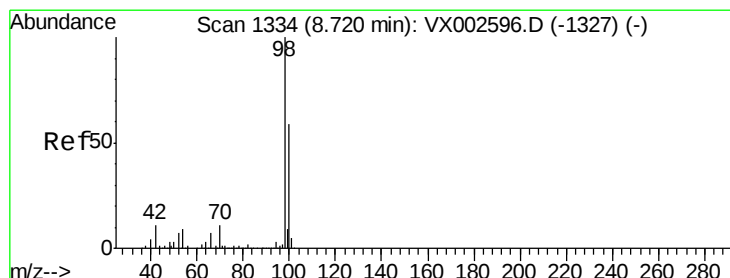
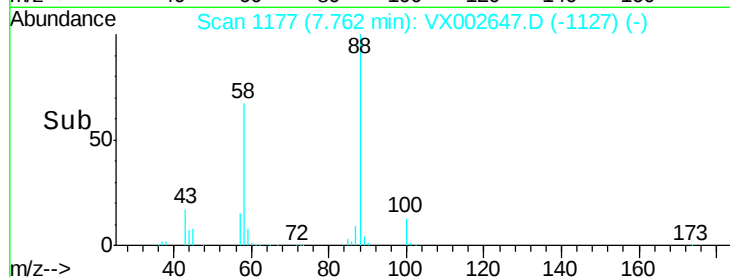
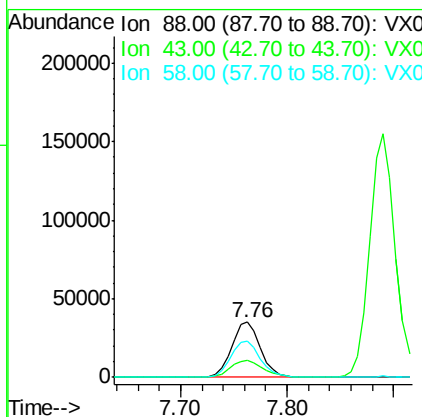
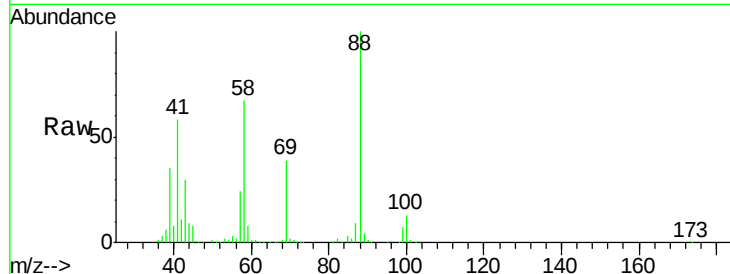
#49
1,4-Dioxane
Concen: 1110.78 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.4	29.8	44.6
58	68.9	57.1	85.7

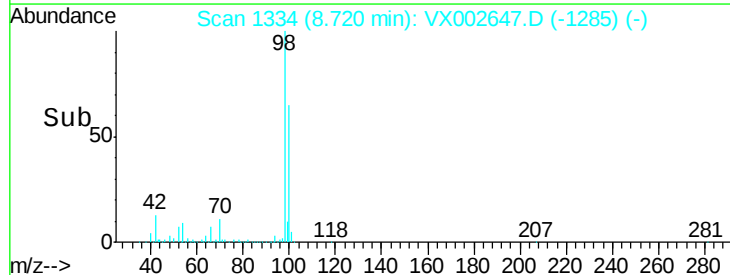
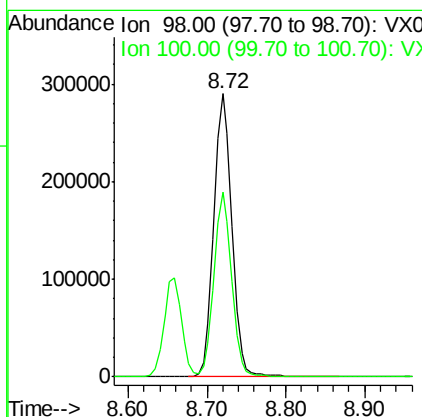
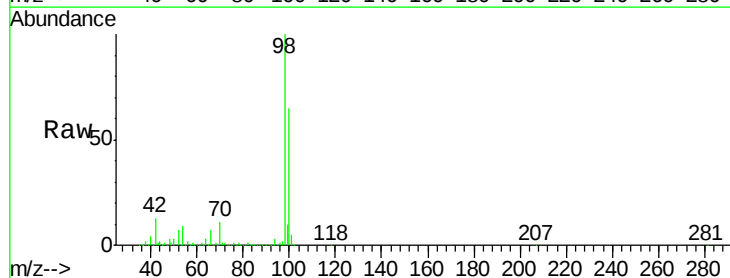
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#50
Toluene-d8
Concen: 49.30 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3





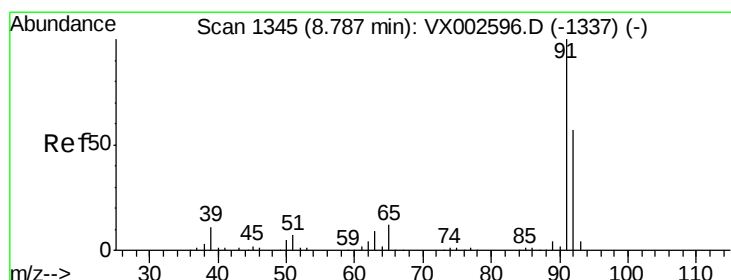
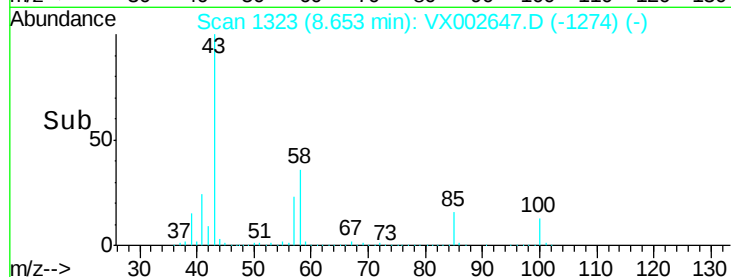
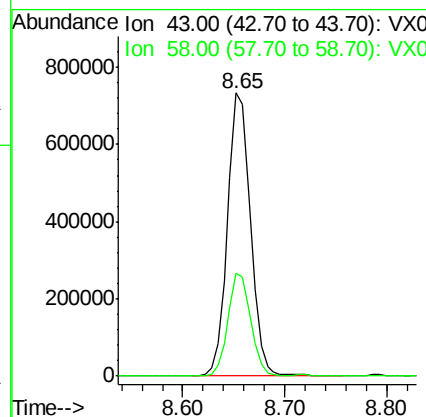
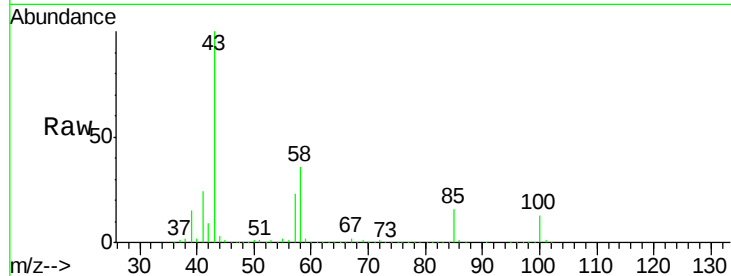
#51
4-Methyl-2-Pentanone
Concen: 288.26 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MSD

Tot Ion: 43 Resp: 1147762
Ion Ratio Lower Upper
43 100
58 35.9 28.6 42.8

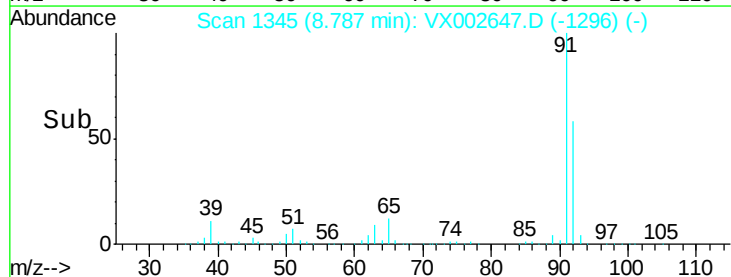
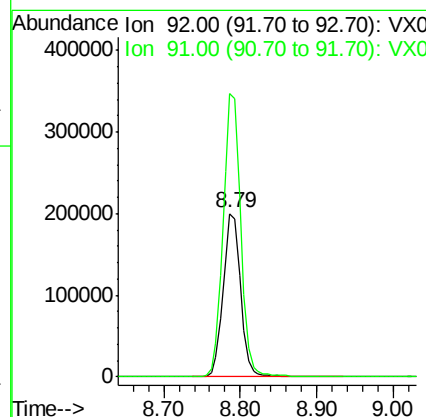
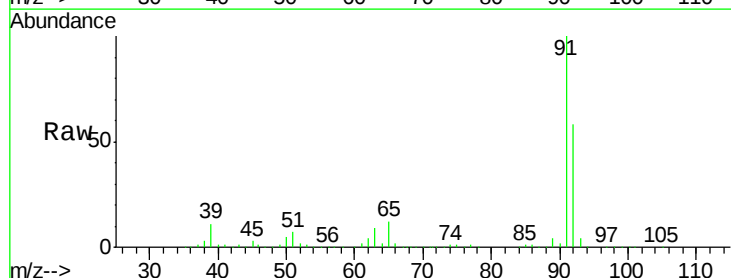
Manual Integrations
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#52
Toluene
Concen: 50.02 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Tgt Ion: 92 Resp: 316402
Ion Ratio Lower Upper
92 100
91 175.4 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 43.19 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MSD

Tot Ion: 75 Resp: 174632

Ion Ratio Lower Upper

75 100

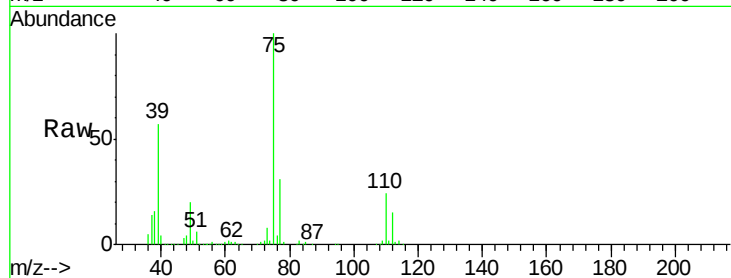
77 31.4 25.4 38.2

Manual Integrations

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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

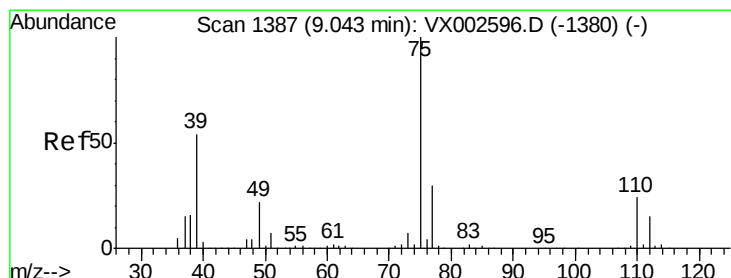
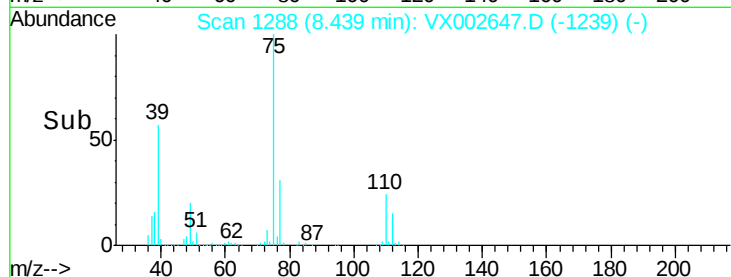
60000

40000

20000

0

Time--> 8.35 8.40 8.45 8.50



#54

cis-1,3-Dichloropropene

Concen: 42.46 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

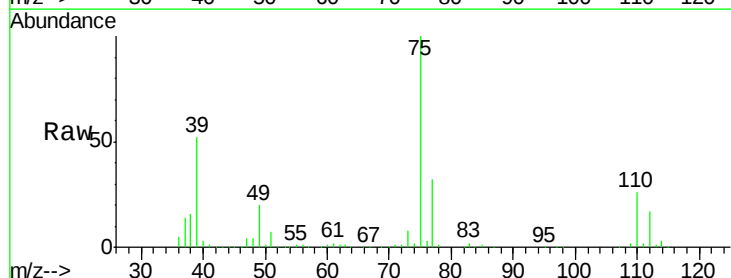
Tgt Ion: 75 Resp: 163052

Ion Ratio Lower Upper

75 100

77 31.9 24.8 37.2

39 51.9 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

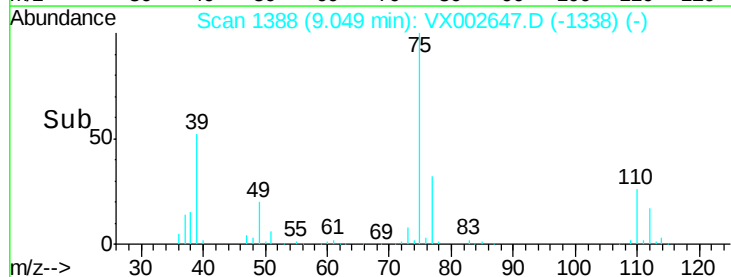
150000

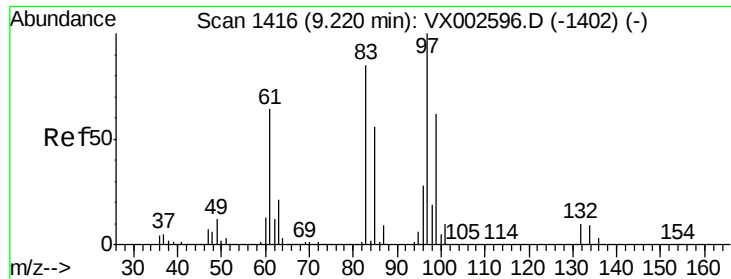
100000

50000

0

Time--> 8.95 9.00 9.05 9.10 9.15





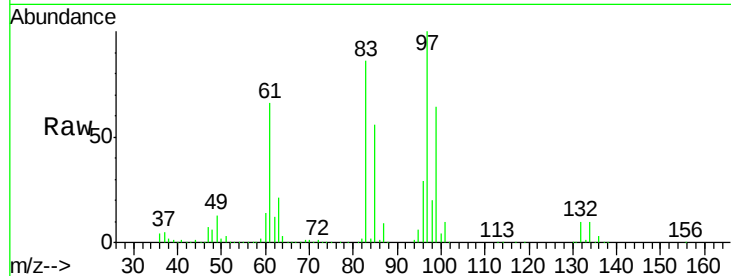
#55
 1,1,2-Trichloroethane
 Concen: 51.68 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002647.D
 Acq: 16 Jun 2018 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611MSD

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.2	105.2
85	55.9	44.9	67.3
99	64.2	49.8	74.8

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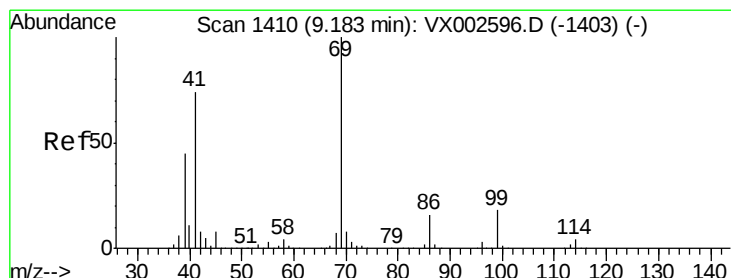
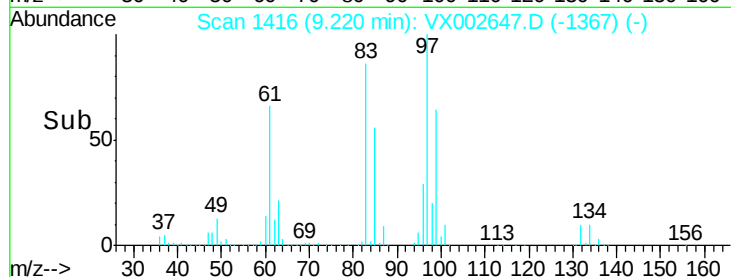
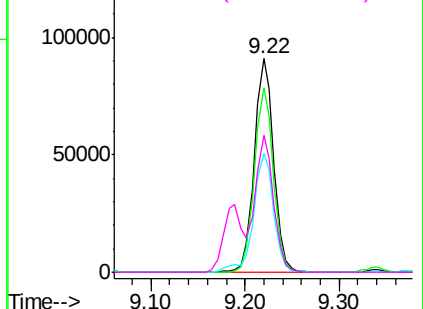


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

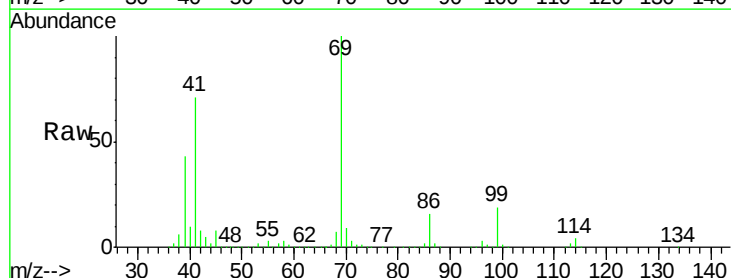
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 52.97 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX002647.D
 Acq: 16 Jun 2018 14:42

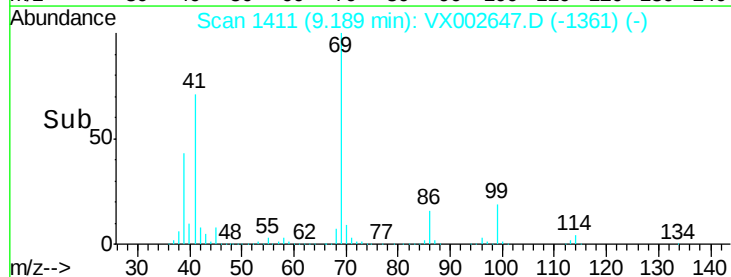
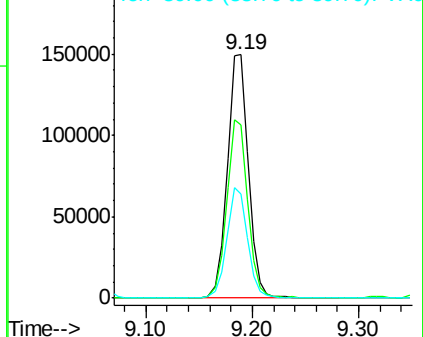
Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.6	60.3	90.5
39	44.2	35.8	53.8

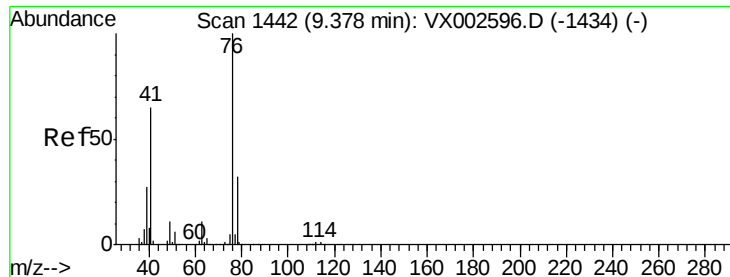


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.86 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MSD

Tot Ion: 76 Resp: 215544

Ion Ratio Lower Upper

76 100

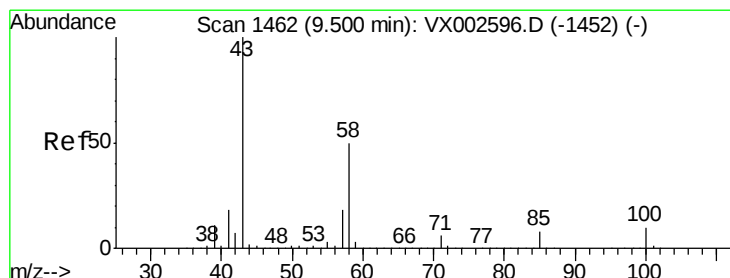
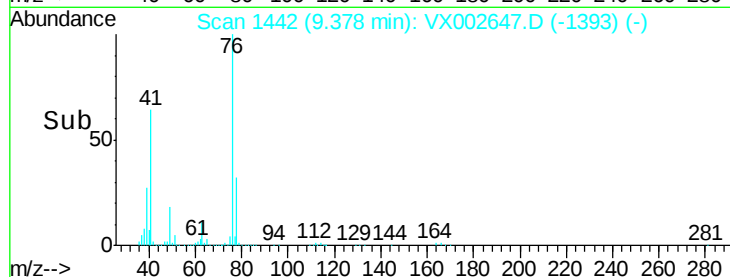
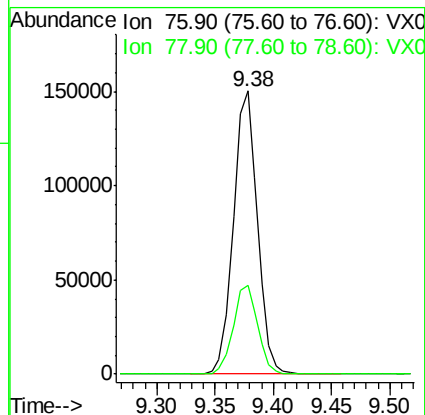
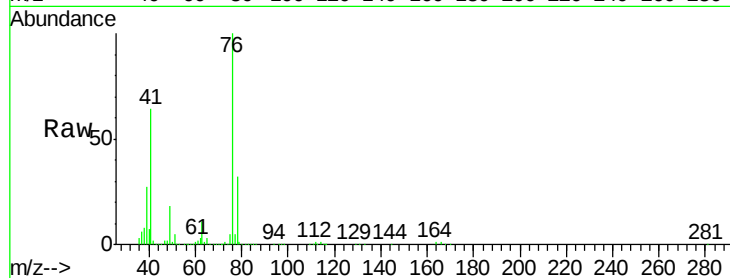
78 32.0 25.8 38.6

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#59

2-Hexanone

Concen: 301.06 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX002647.D

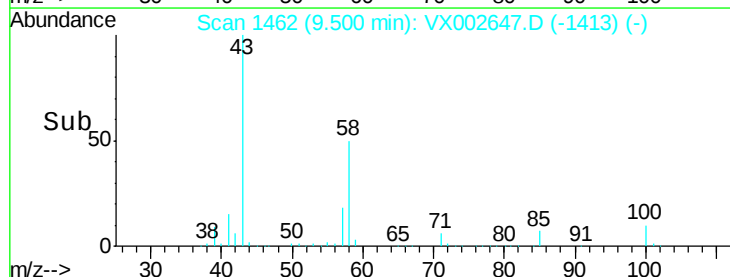
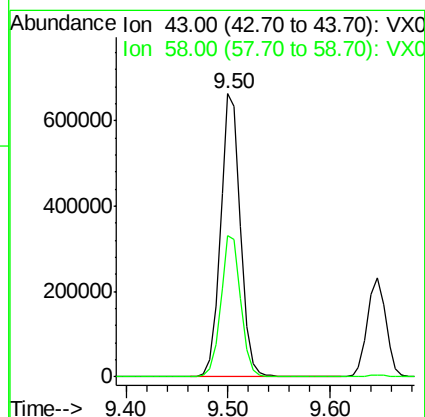
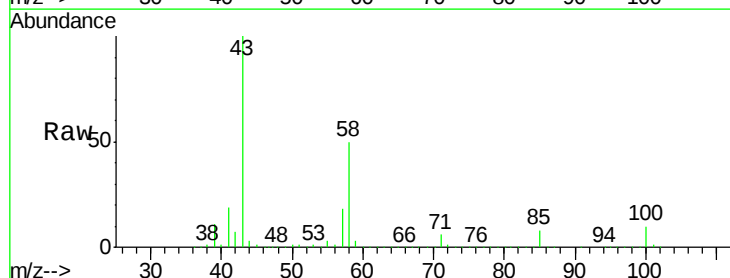
Acq: 16 Jun 2018 14:42

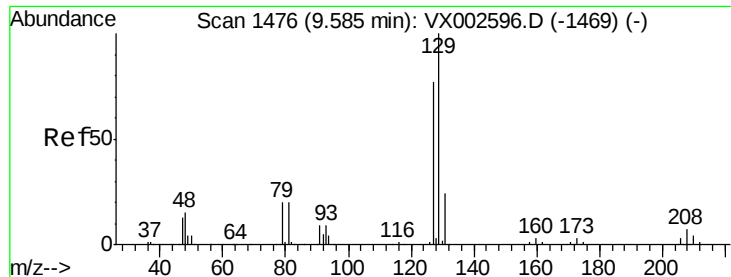
Tgt Ion: 43 Resp: 903286

Ion Ratio Lower Upper

43 100

58 50.2 24.6 73.6





#60

Dibromochloromethane

Concen: 47.31 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MSD

Tot Ion:129 Resp: 135391

Ion Ratio Lower Upper

129 100

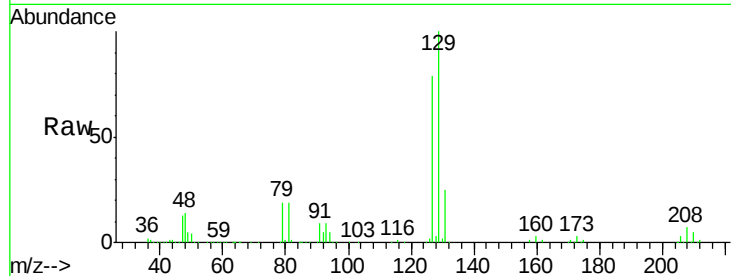
127 77.7 38.5 115.3

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

100000

80000

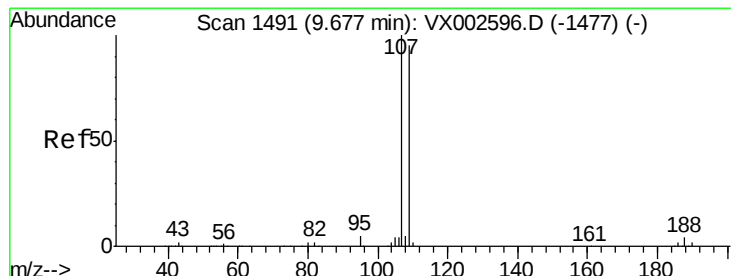
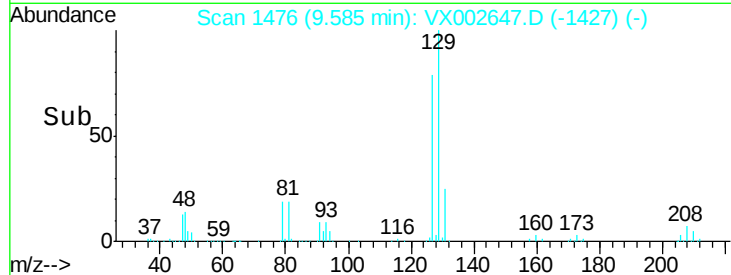
60000

40000

20000

0

Time--> 9.50 9.55 9.60 9.65 9.70



#61

1,2-Dibromoethane

Concen: 52.87 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002647.D

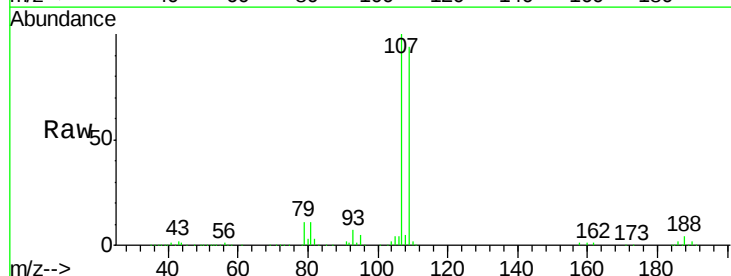
Acq: 16 Jun 2018 14:42

Tgt Ion:107 Resp: 139943

Ion Ratio Lower Upper

107 100

109 96.4 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

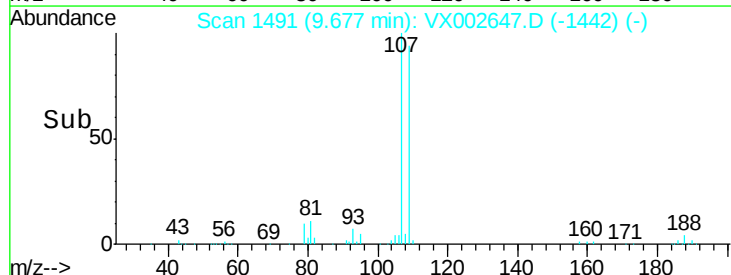
60000

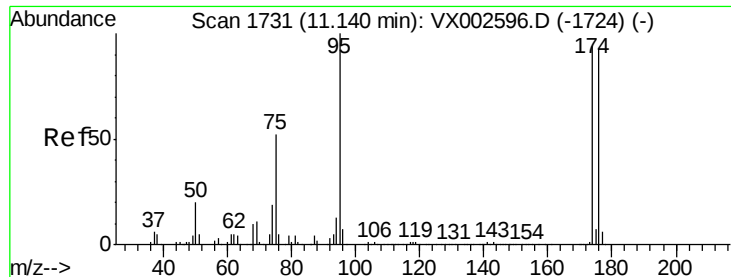
40000

20000

0

Time--> 9.60 9.65 9.70 9.75 9.80





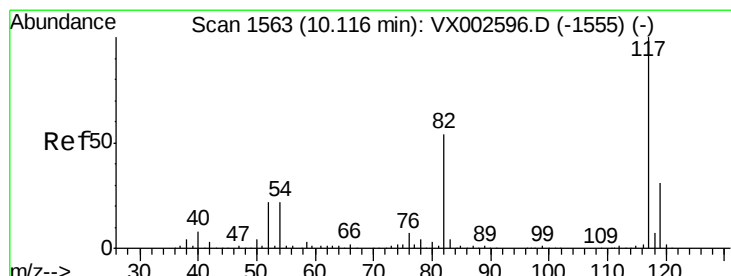
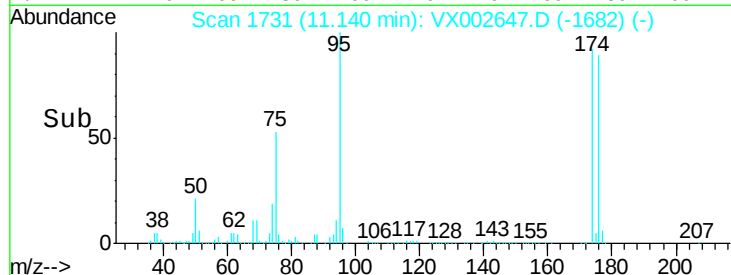
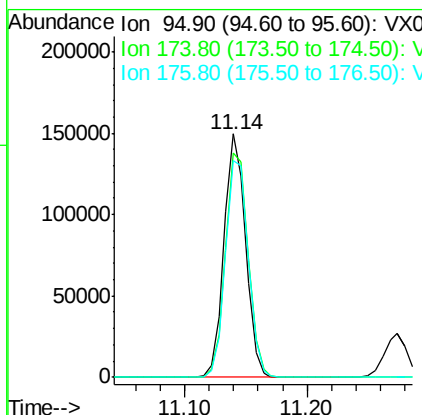
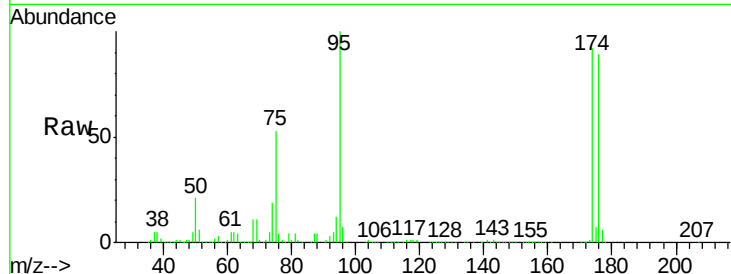
#62
4-Bromofluorobenzene
Concen: 51.18 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	182984		
174	96.7	0.0	187.4	
176	93.9	0.0	181.0	

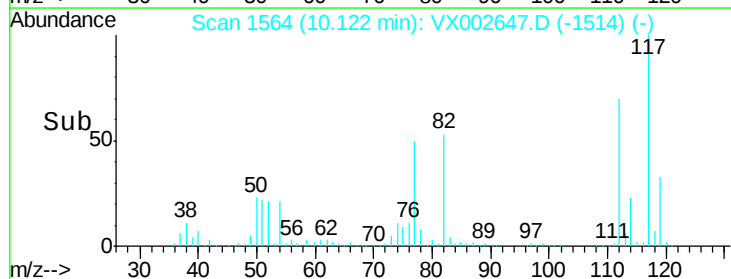
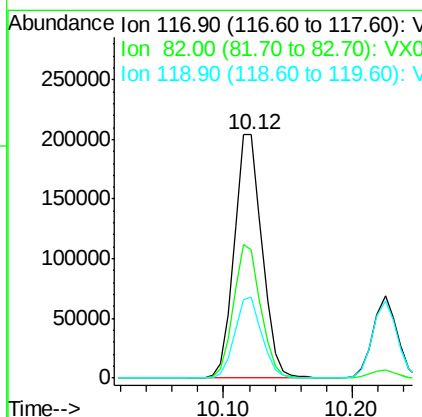
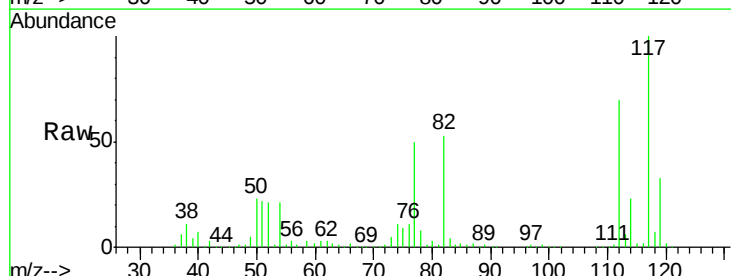
Manual Integrations
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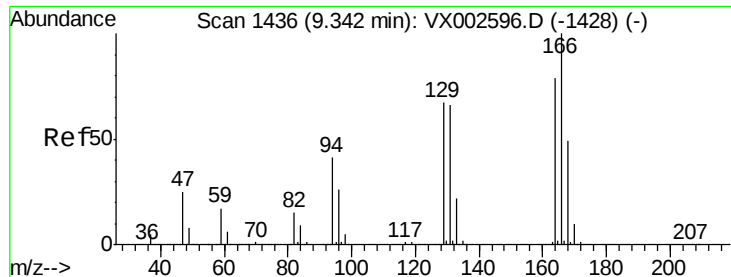
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	306404		
82	52.7	45.0	67.4	
119	33.2	25.8	38.6	





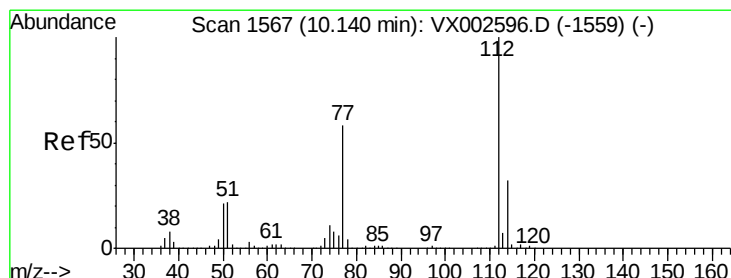
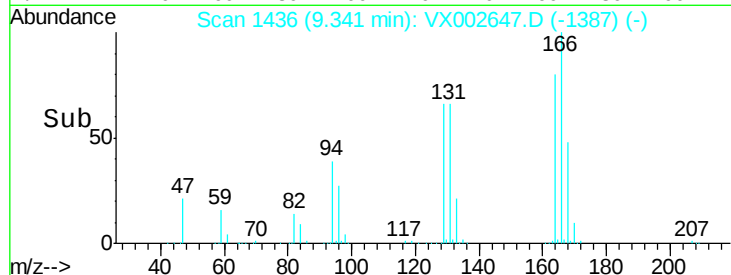
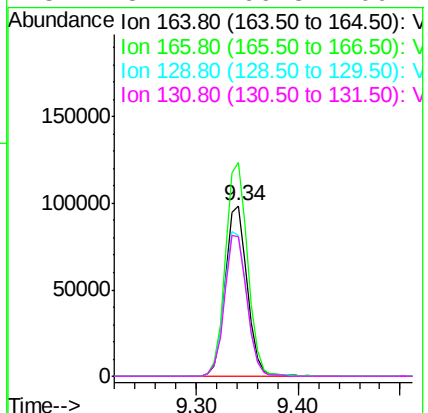
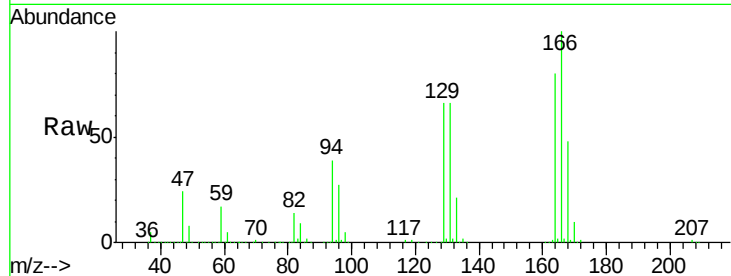
#64
Tetrachloroethene
Concen: 42.94 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.2	102.9	154.3
129	82.7	68.6	102.8
131	82.2	66.8	100.2

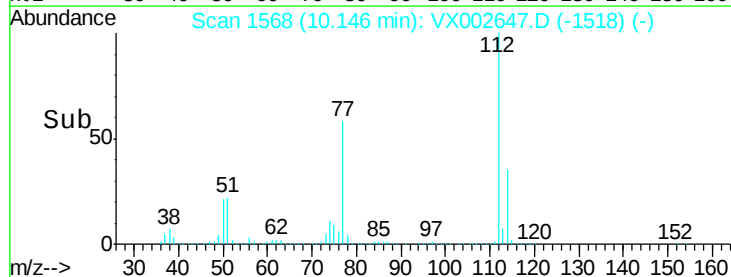
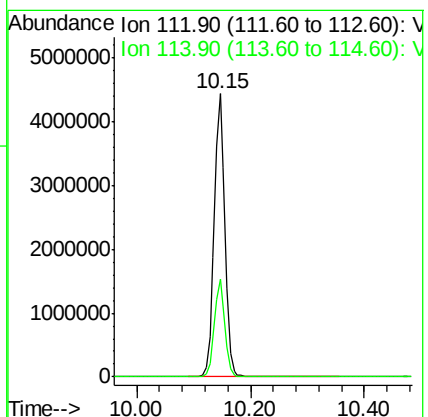
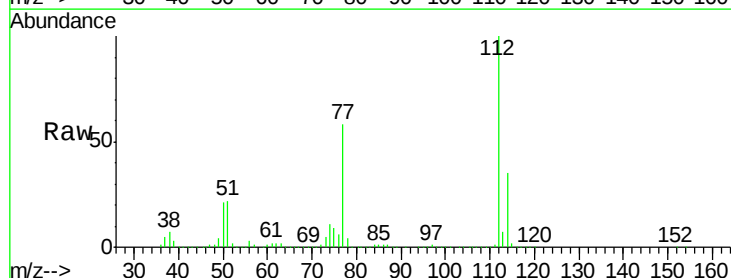
Manual Integrations
APPROVED

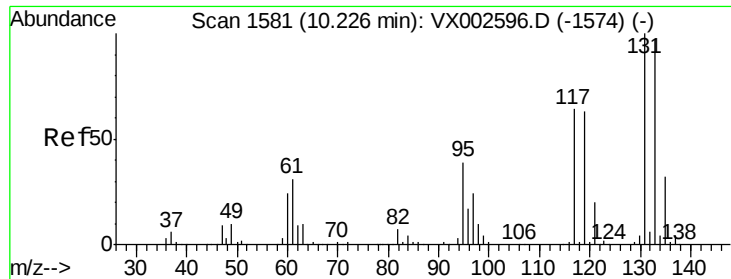
MMDadoda
6/18/2018 5:12:11 PM



#65
Chlorobenzene
Concen: 777.52 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Tgt Ion	Ratio	Lower	Upper
112	100		
114	34.6	25.3	37.9





#66

1,1,1,2-Tetrachloroethane

Concen: 52.59 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MSD

Tot Ion:131 Resp: 134926

Ion Ratio Lower Upper

131 100

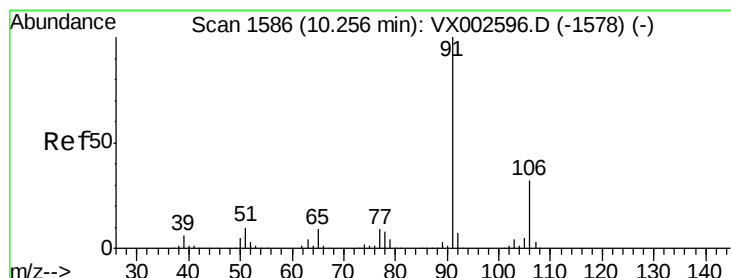
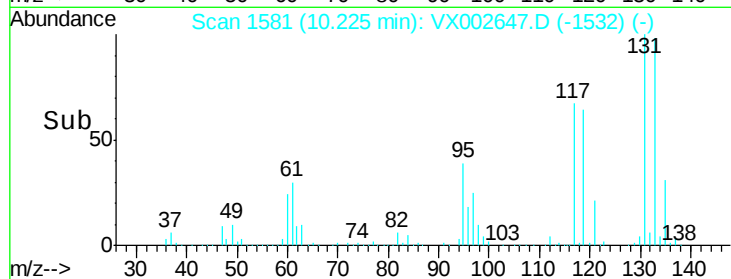
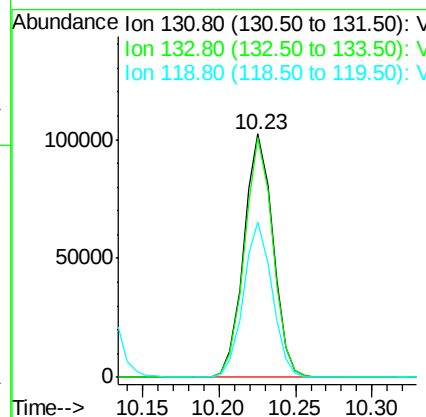
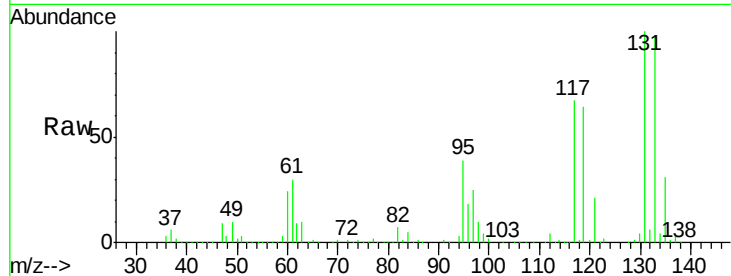
133 96.1 47.9 143.6

119 62.8 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: VX002647.D

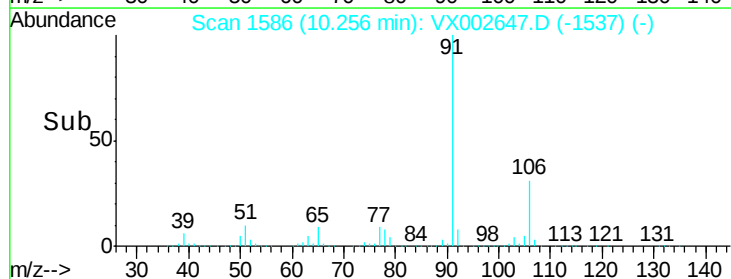
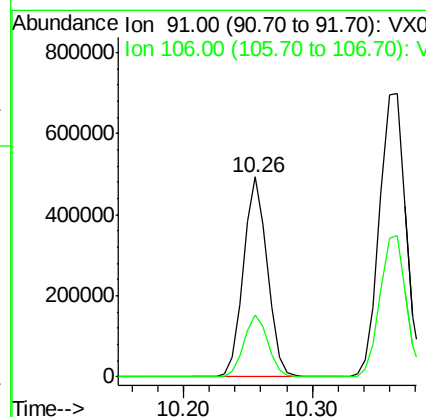
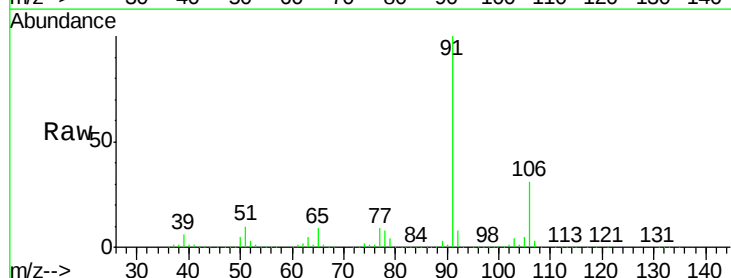
Acq: 16 Jun 2018 14:42

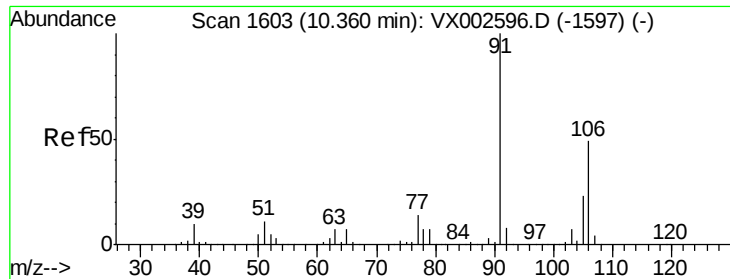
Tgt Ion: 91 Resp: 632214

Ion Ratio Lower Upper

91 100

106 31.0 25.5 38.3





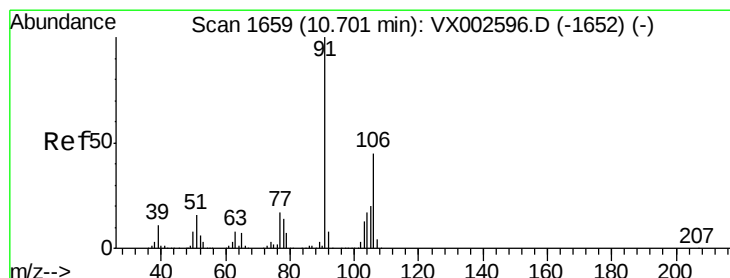
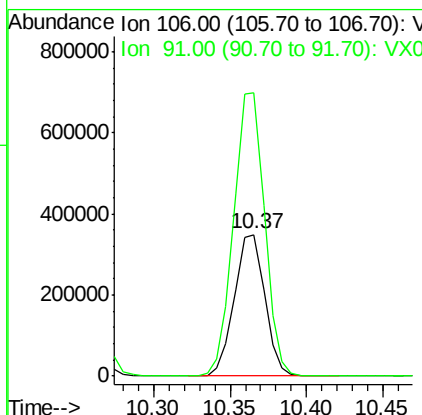
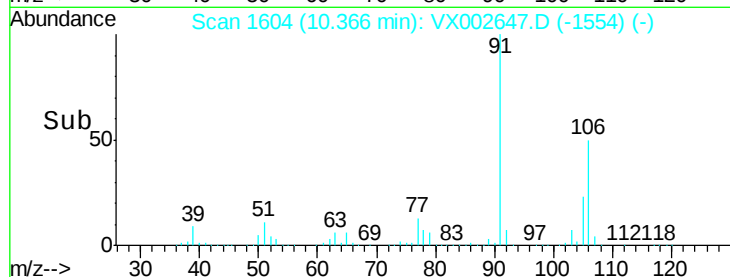
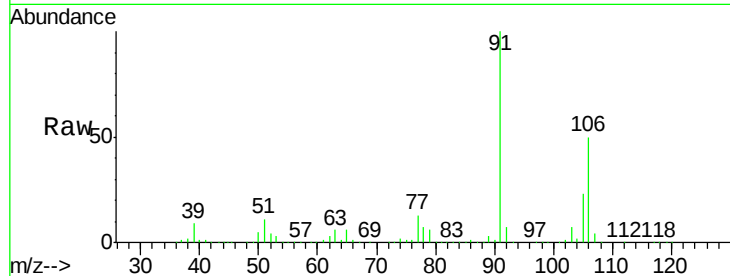
#68
m/p-Xvlenes
Concen: 98.86 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MSD

Tot Ion:106 Resp: 484005
Ion Ratio Lower Upper
106 100
91 203.0 163.4 245.2

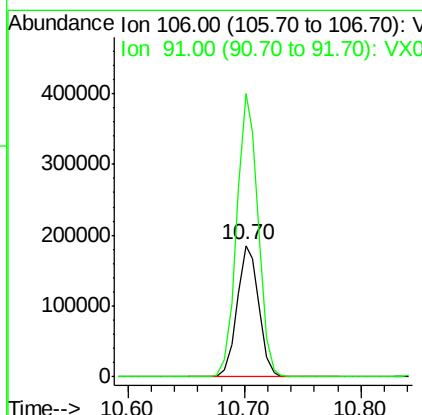
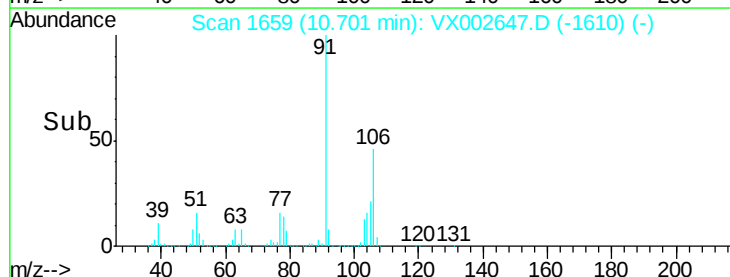
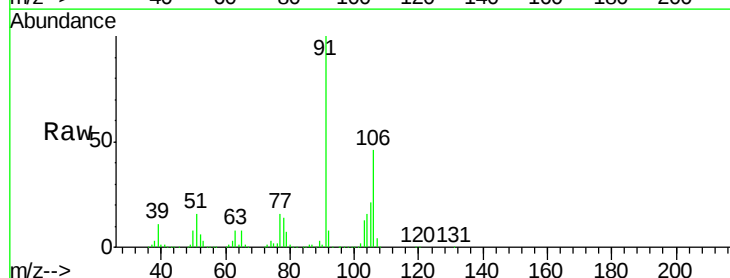
Manual Integrations
APPROVED

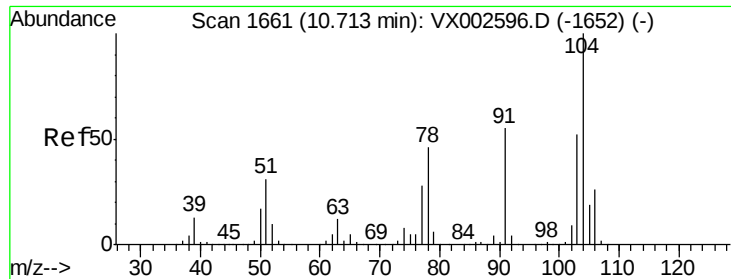
MMDadoda
6/18/2018 5:12:11 PM



#69
o-Xylene
Concen: 49.62 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Tgt Ion:106 Resp: 238663
Ion Ratio Lower Upper
106 100
91 213.7 108.2 324.6





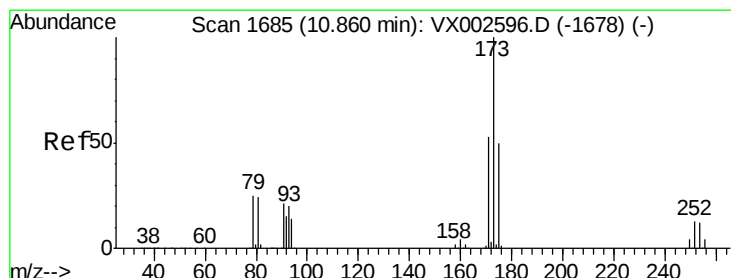
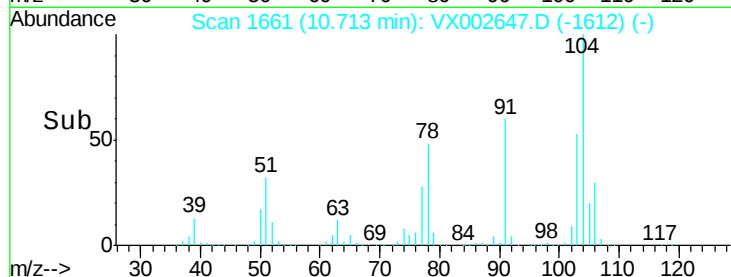
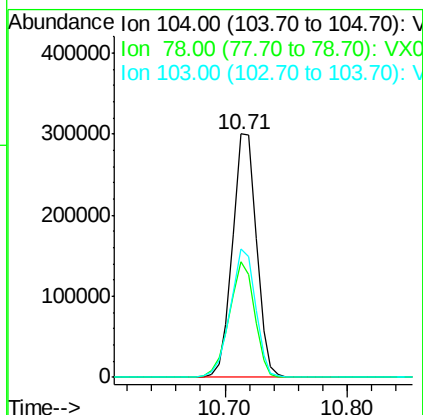
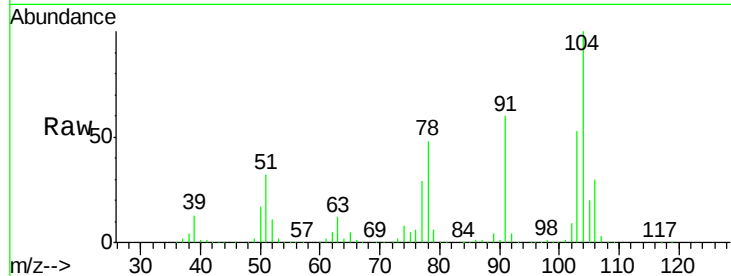
#70
Stvrene
Concen: 51.25 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.4	41.0	61.6
103	55.6	44.2	66.4

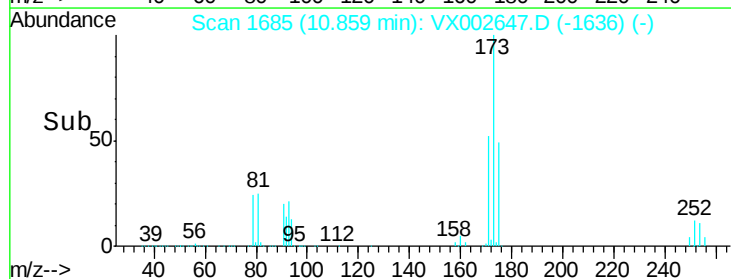
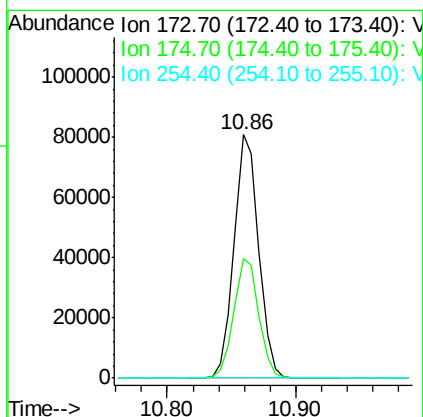
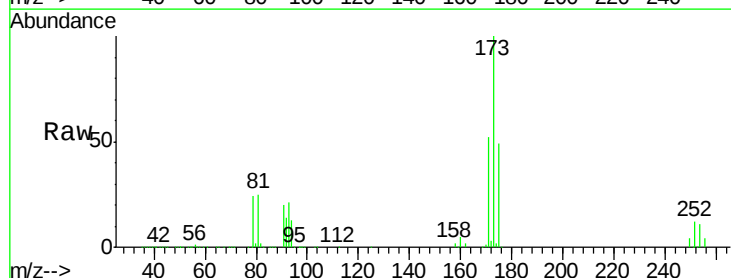
Manual Integrations
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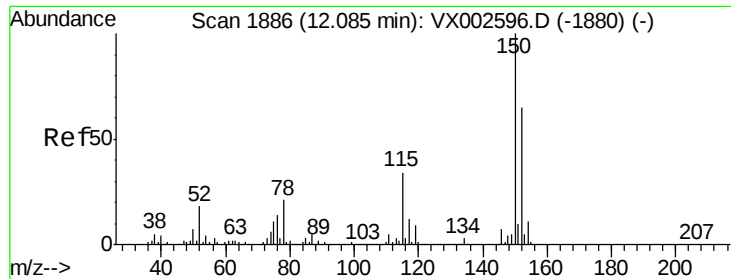
MMDadoda
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#71
Bromoform
Concen: 46.51 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.0	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: VX002647.D

Acq: 16 Jun 2018 14:42

Instrument :

MSVOA_X

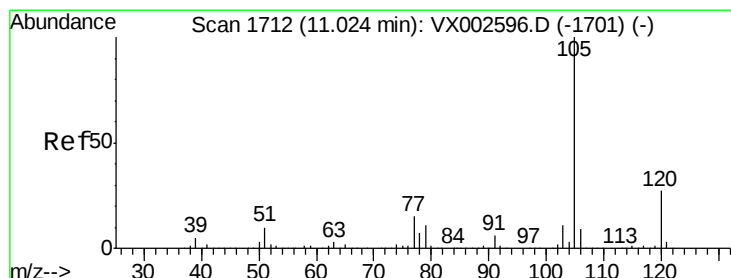
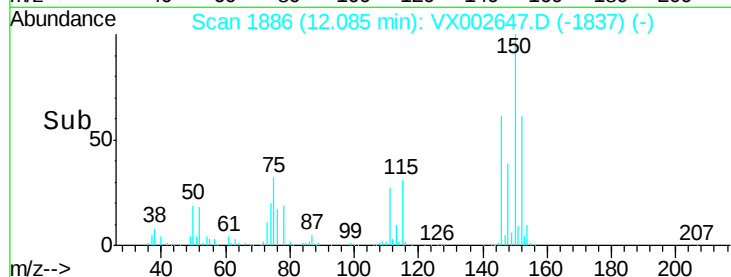
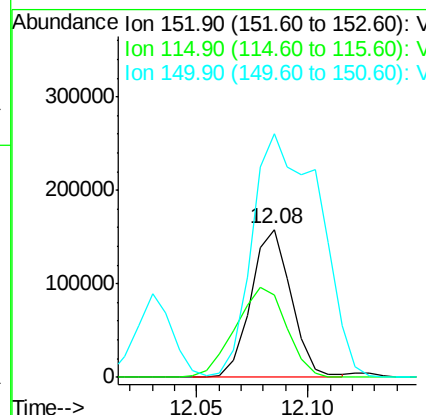
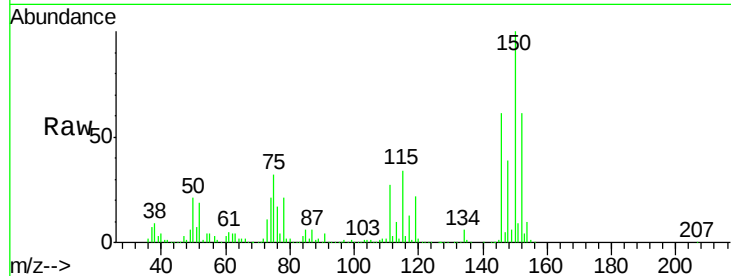
ClientSampleId :

SS003RW114R-180611MSD

Tot Ion:	152	Resp:	200142
Ion Ratio	Lower	Upper	
152	100		
115	77.5	40.1	120.2
150	275.0	0.0	347.2

Manual Integrations
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#73

Isopropylbenzene

Concen: 47.98 ug/l

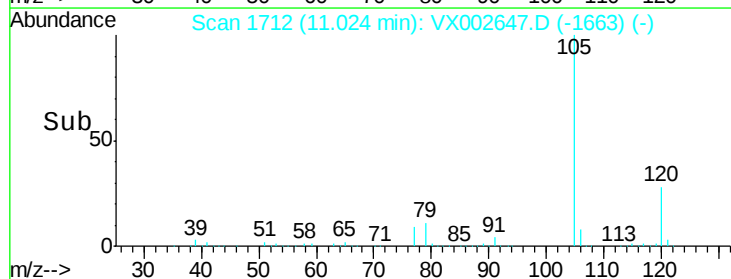
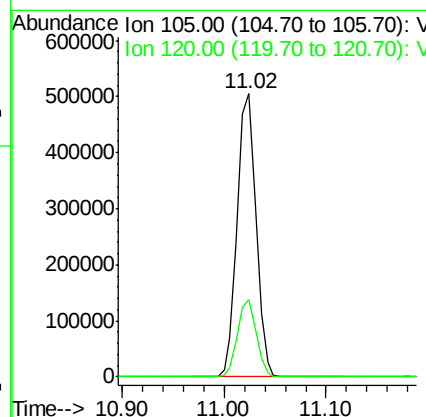
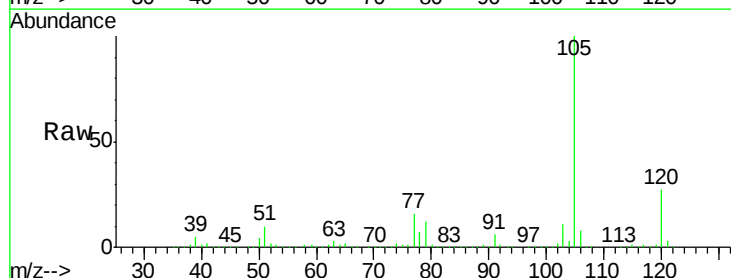
RT: 11.02 min Scan# 1712

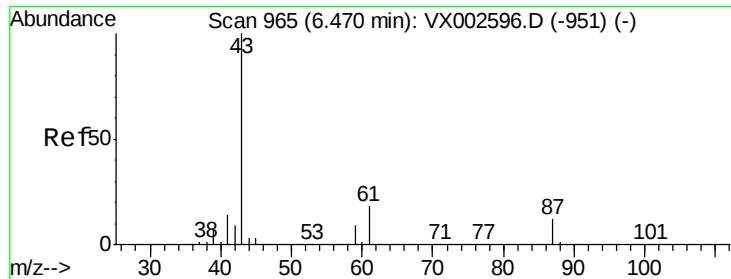
Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Tgt Ion:	105	Resp:	642237
Ion Ratio	Lower	Upper	
105	100		
120	27.2	13.5	40.4





#74

N-amyl acetate

Concen: 47.08 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Instrument :

MSVOA_X

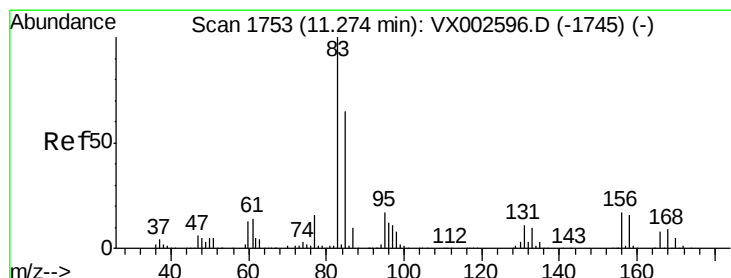
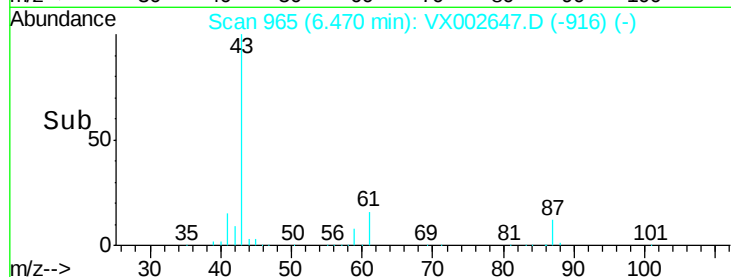
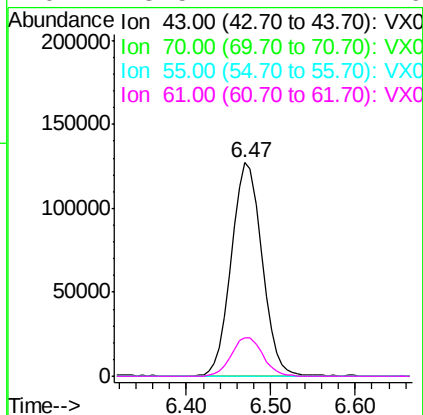
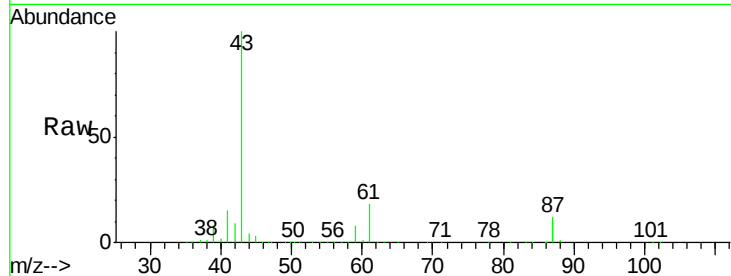
ClientSampleId :

SS003RW114R-180611MSD

Tot Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0#
55	0.1	0.0	0.0#
61	18.5	14.4	21.6

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 52.34 ug/l

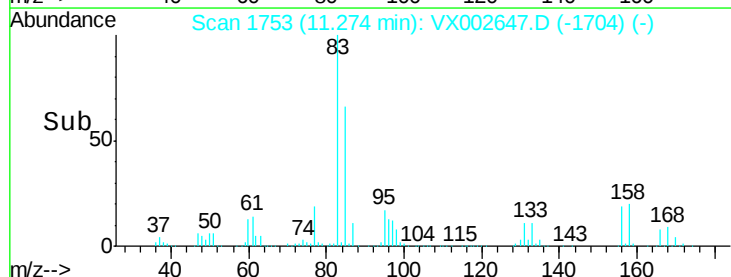
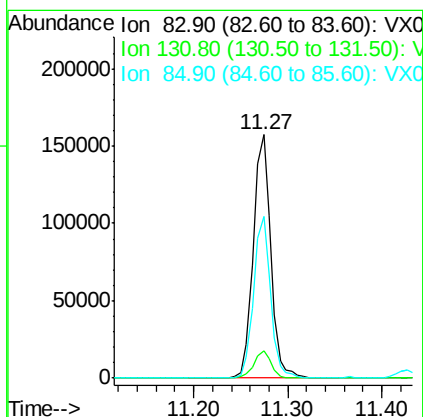
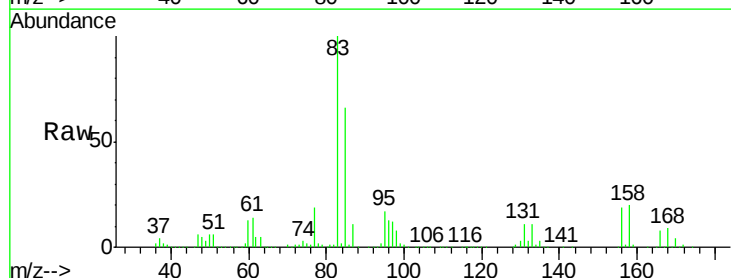
RT: 11.27 min Scan# 1753

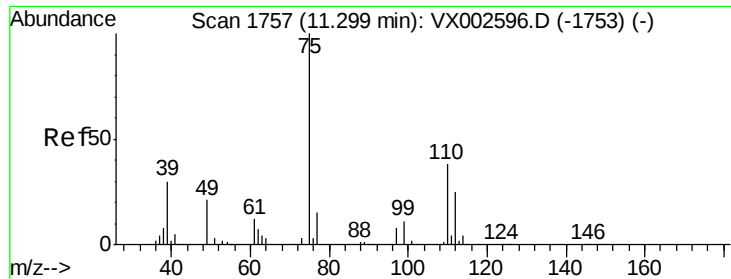
Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.6	16.8
85	64.7	32.4	97.2





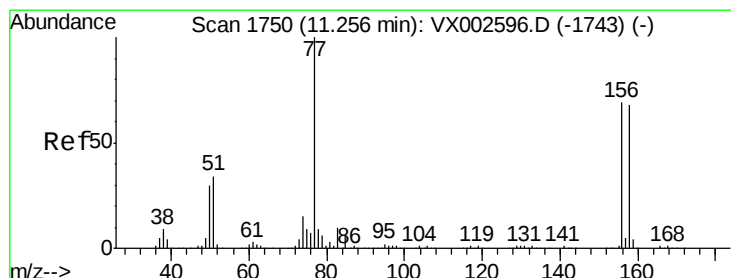
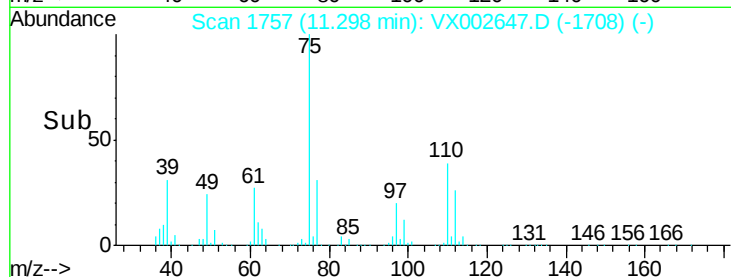
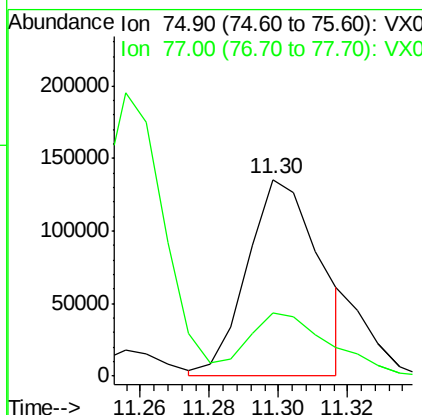
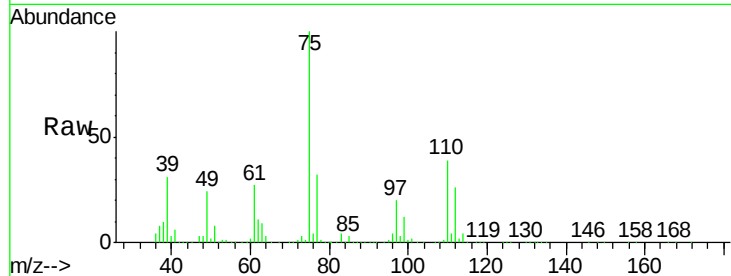
#76
 1,2,3-Trichloropropane
 Concen: 52.48 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX002647.D
 Acq: 16 Jun 2018 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611MSD

Tot Ion: 75 Resp: 198181
 Ion Ratio Lower Upper
 75 100
 77 36.9 22.8 68.3

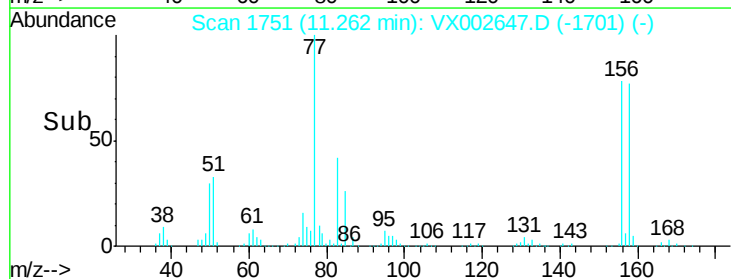
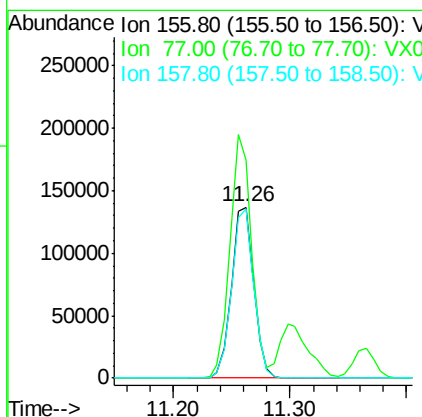
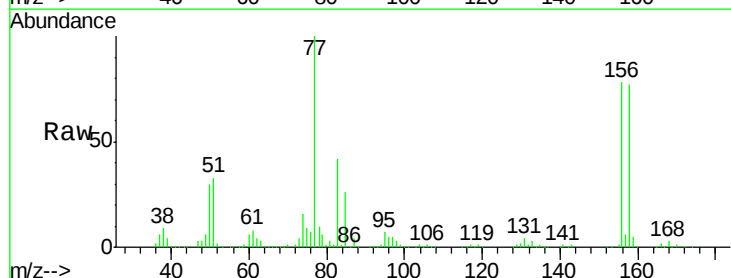
Manual Integrations
 APPROVED

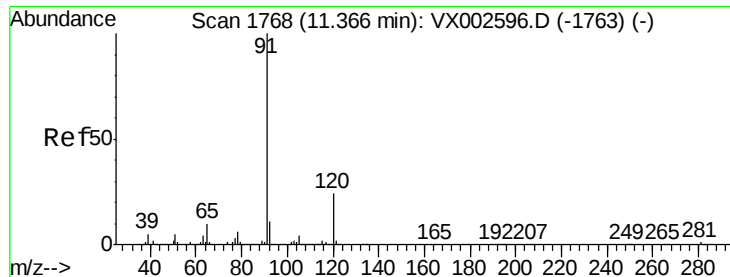
MMDadoda
 6/18/2018 5:12:11 PM



#77
 Bromobenzene
 Concen: 49.01 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. 0.01 min
 Lab File: VX002647.D
 Acq: 16 Jun 2018 14:42

Tgt Ion: 156 Resp: 182768
 Ion Ratio Lower Upper
 156 100
 77 137.5 71.4 214.2
 158 97.9 48.9 146.6





#78

n-propylbenzene

Concen: 47.51 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MSD

Tot Ion: 91 Resp: 729367

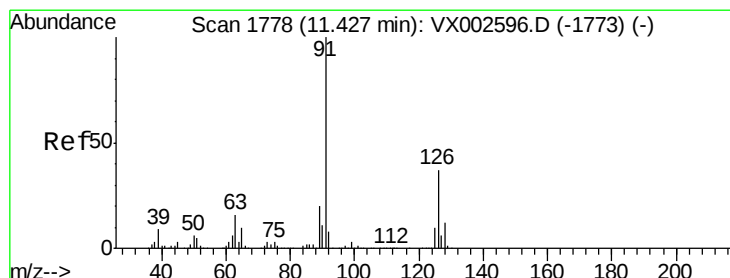
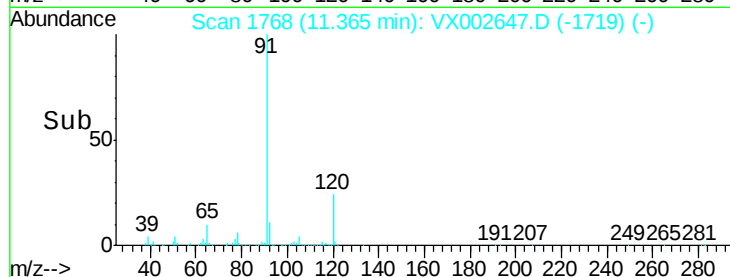
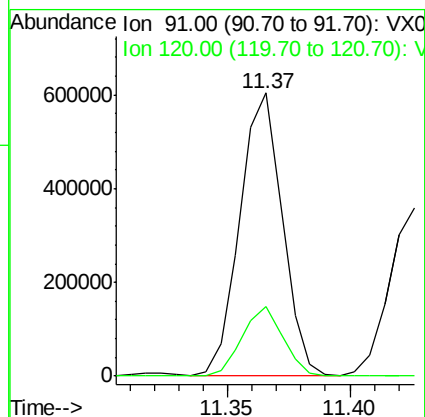
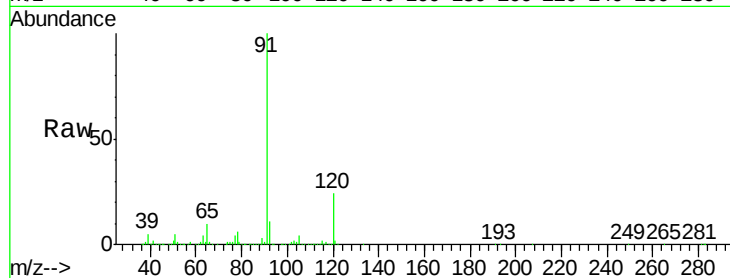
Ion Ratio Lower Upper

91 100

120 23.9 11.8 35.4

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#79

2-Chlorotoluene

Concen: 47.73 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002647.D

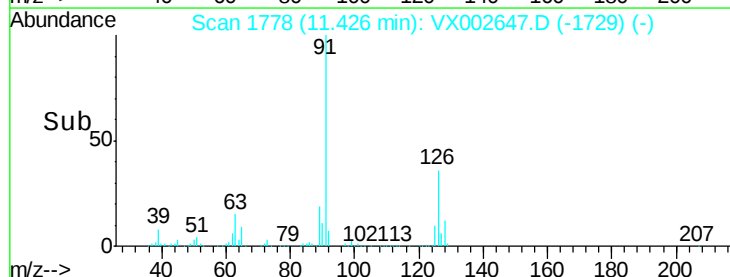
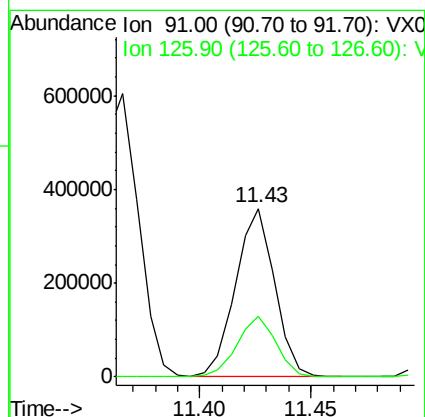
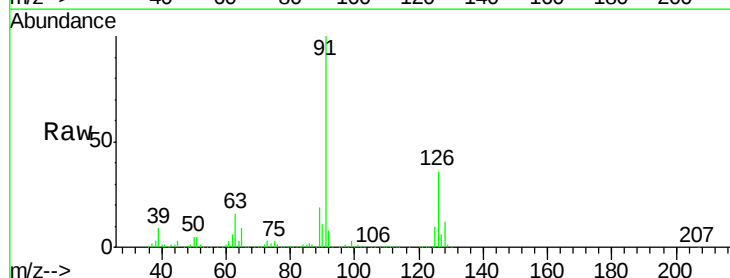
Acq: 16 Jun 2018 14:42

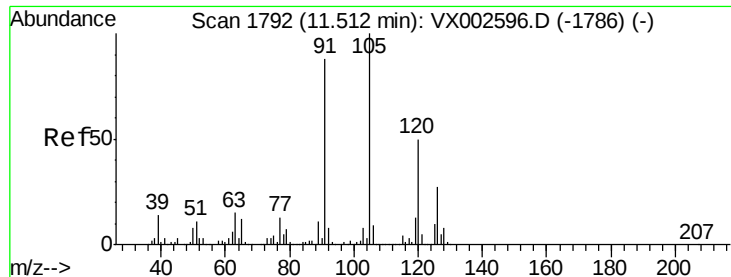
Tgt Ion: 91 Resp: 437503

Ion Ratio Lower Upper

91 100

126 36.0 17.7 53.1





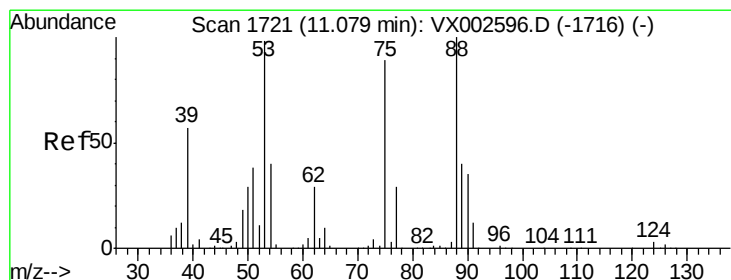
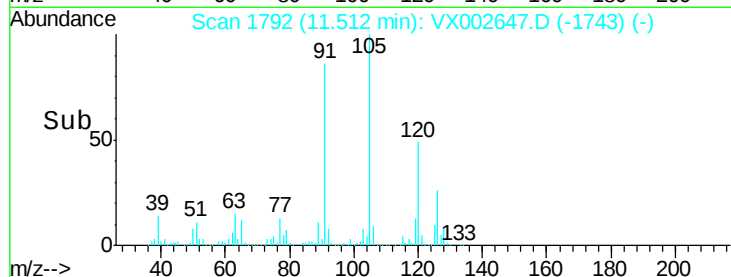
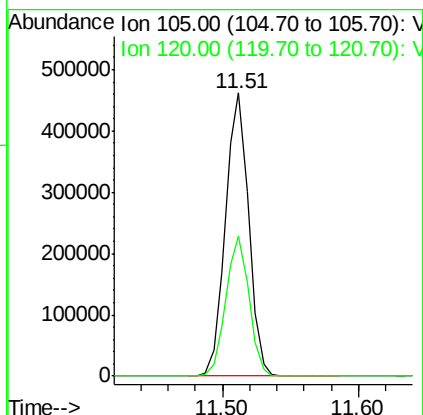
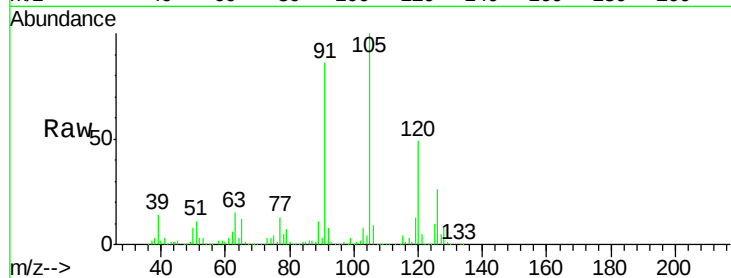
#80
 1,3,5-Trimethylbenzene
 Concen: 48.09 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002647.D
 Acq: 16 Jun 2018 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.2	24.4	73.4

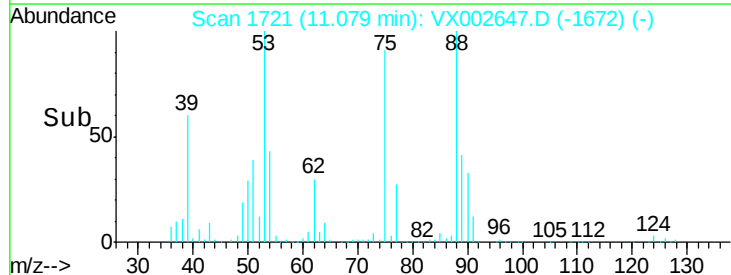
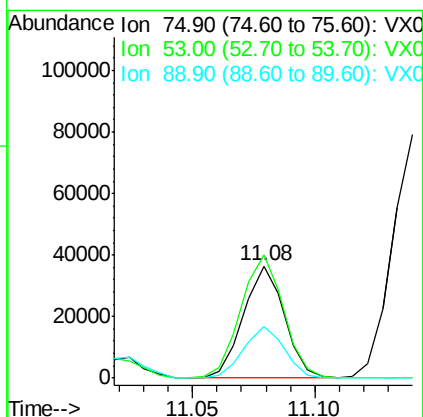
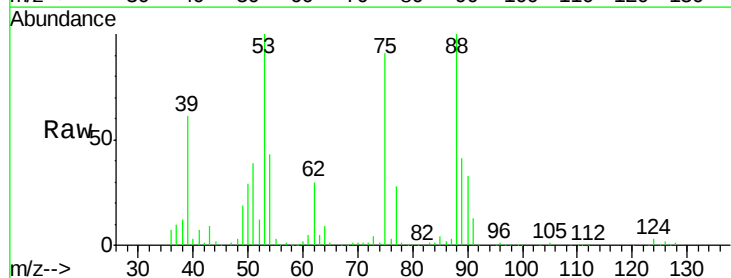
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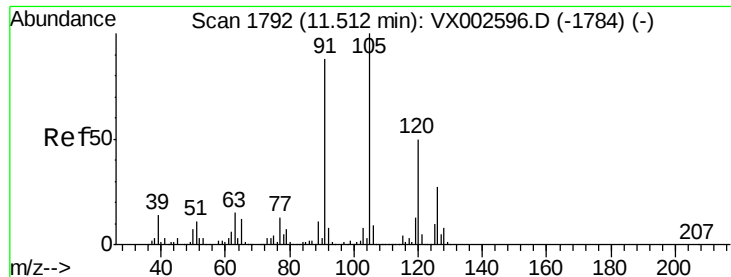
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 37.05 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: VX002647.D
 Acq: 16 Jun 2018 14:42

Tgt Ion	Ratio	Lower	Upper
75	100		
53	114.6	86.8	130.2
89	46.8	38.2	57.2





#82

4-Chlorotoluene

Concen: 48.44 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MSD

Tot Ion: 91 Resp: 523925

Ion Ratio Lower Upper

91 100

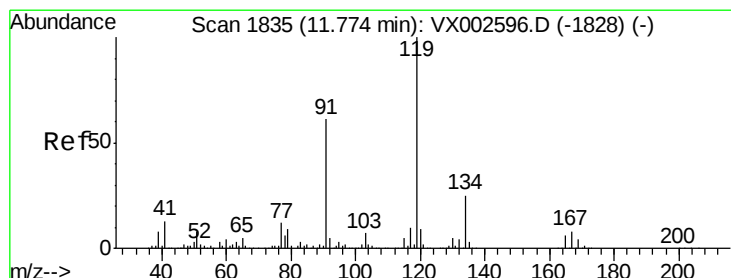
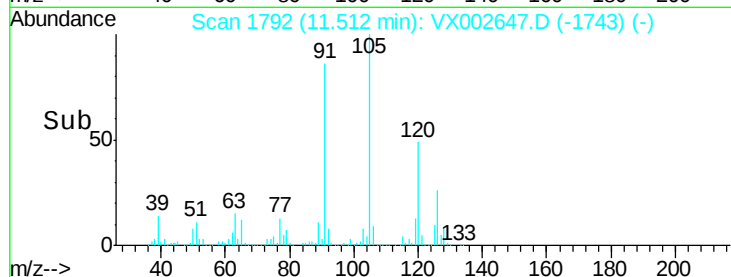
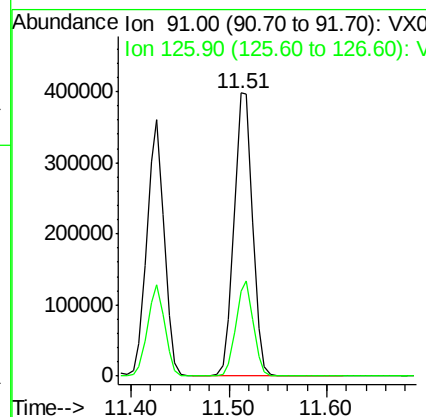
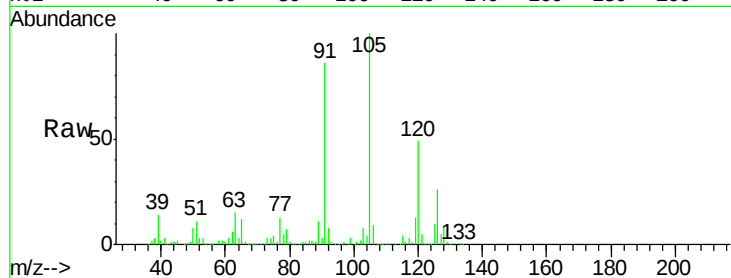
126 31.5 15.4 46.4

Manual Integrations

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#83

tert-Butylbenzene

Concen: 49.80 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

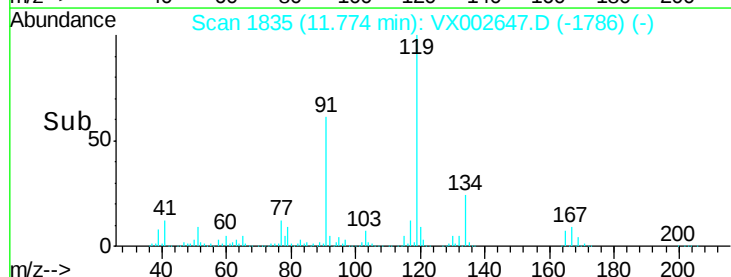
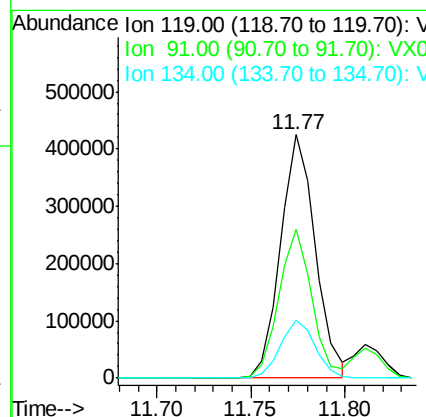
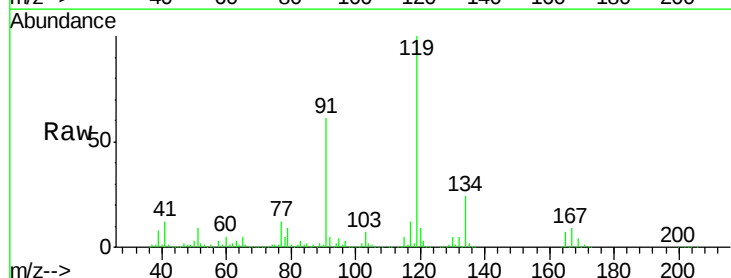
Tgt Ion: 119 Resp: 542658

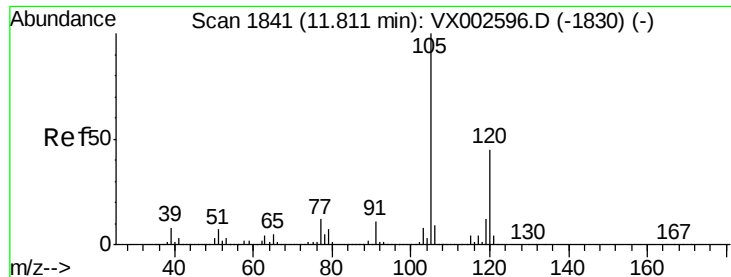
Ion Ratio Lower Upper

119 100

91 58.3 30.3 90.9

134 23.8 11.7 35.1





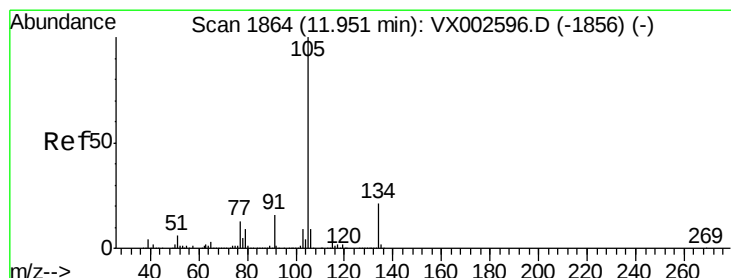
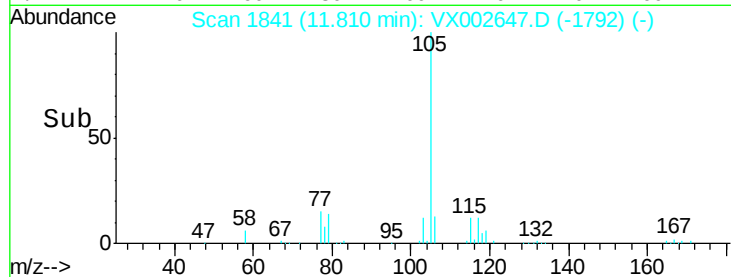
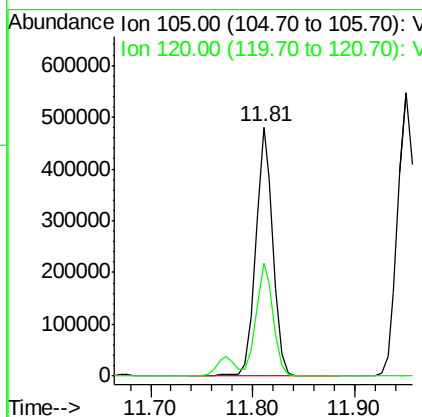
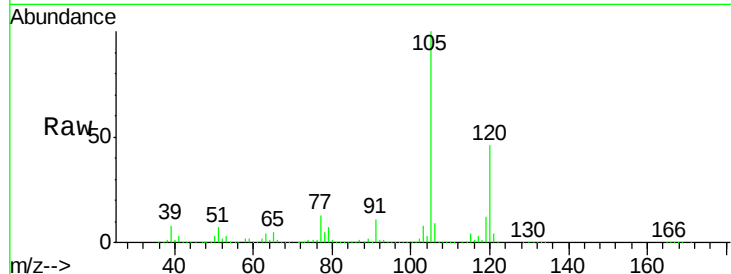
#84
 1,2,4-Trimethylbenzene
 Concen: 48.94 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002647.D
 Acq: 16 Jun 2018 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.3	66.8

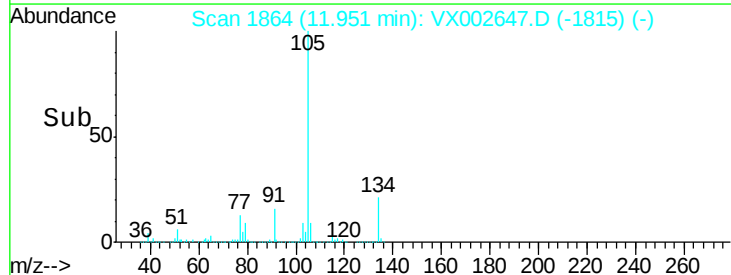
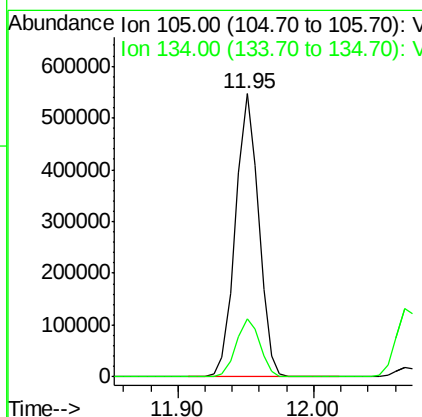
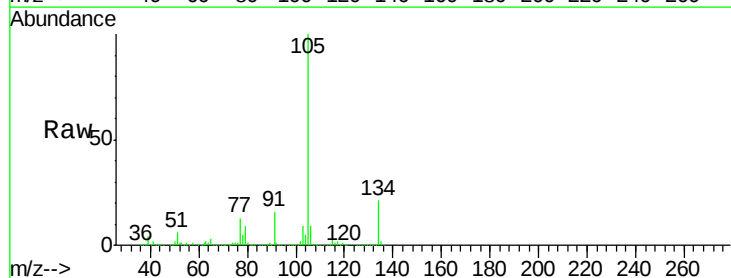
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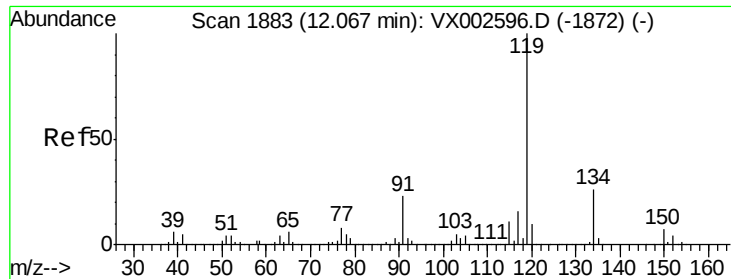
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#85
 sec-Butylbenzene
 Concen: 47.80 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002647.D
 Acq: 16 Jun 2018 14:42

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.4	31.1





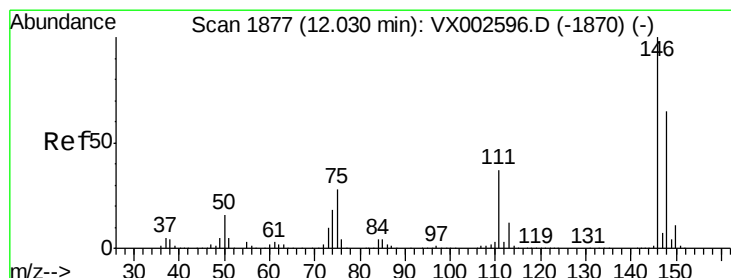
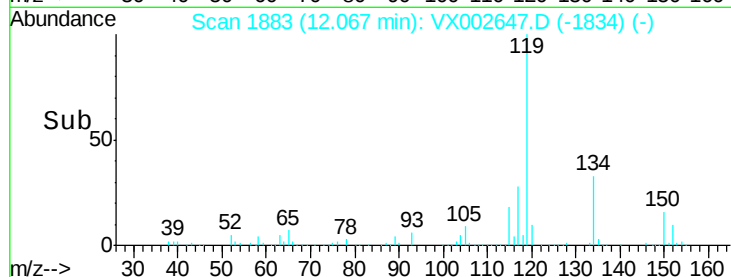
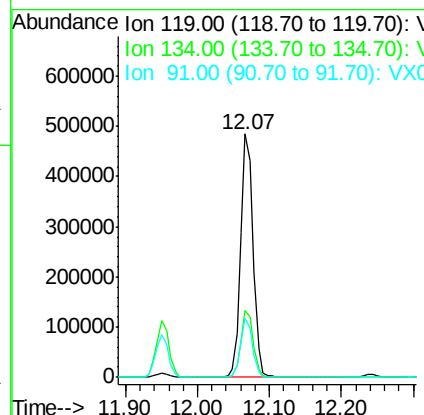
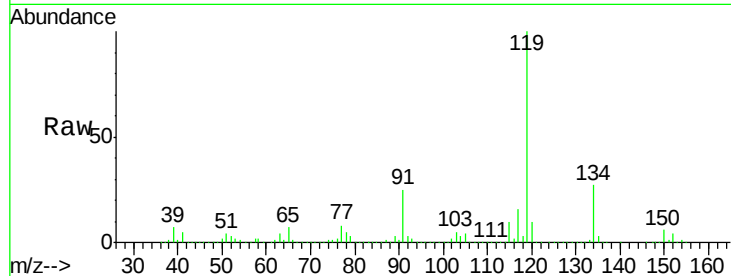
#86
 p-Isopropyltoluene
 Concen: 47.96 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002647.D
 Acq: 16 Jun 2018 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	587968		
134	27.0		13.4	40.1
91	23.5		11.9	35.7

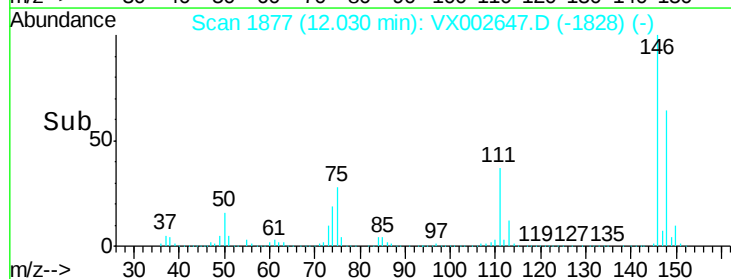
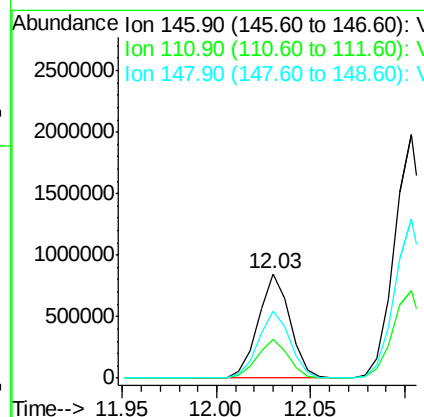
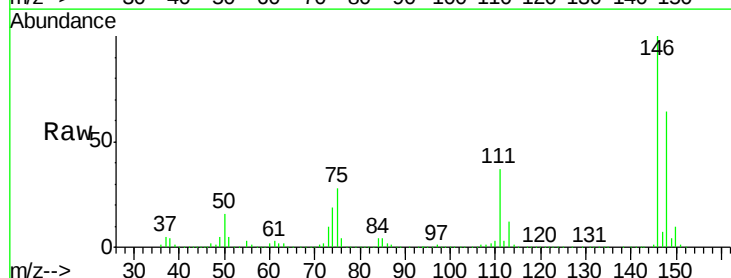
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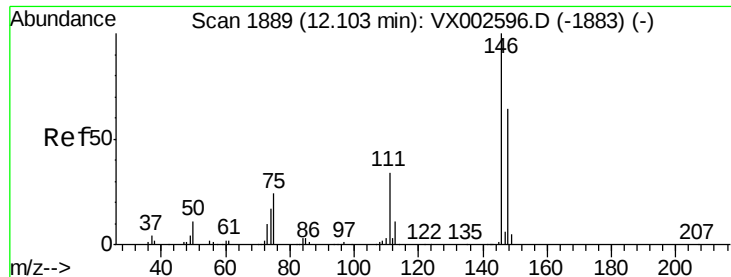
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#87
 1,3-Dichlorobenzene
 Concen: 144.85 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002647.D
 Acq: 16 Jun 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	990595		
111	36.8		18.9	56.7
148	64.1		32.1	96.3





#88

1,4-Dichlorobenzene

Concen: 329.53 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611MSD

Tot Ion:146 Resp: 2293066

Ion Ratio Lower Upper

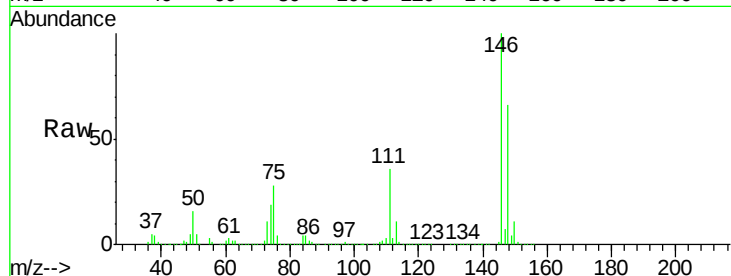
146 100

111 36.2 18.7 56.1

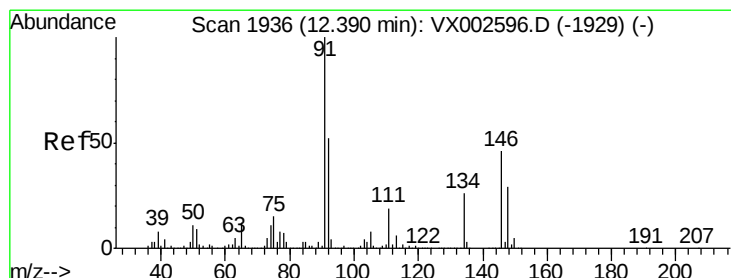
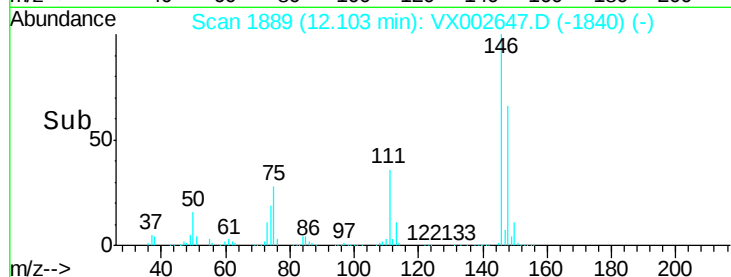
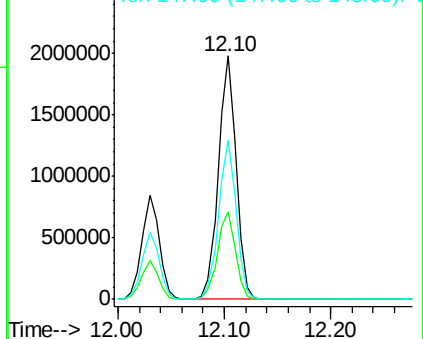
148 65.2 32.4 97.0

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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: 54.03 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

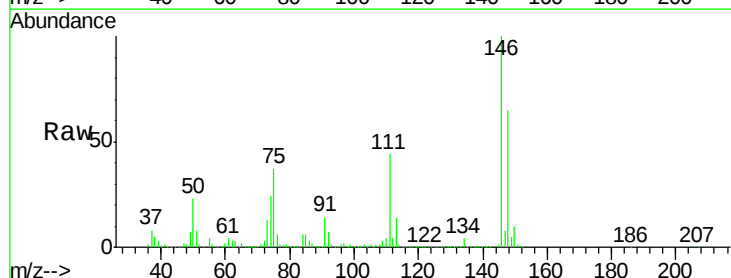
Tgt Ion: 91 Resp: 584377

Ion Ratio Lower Upper

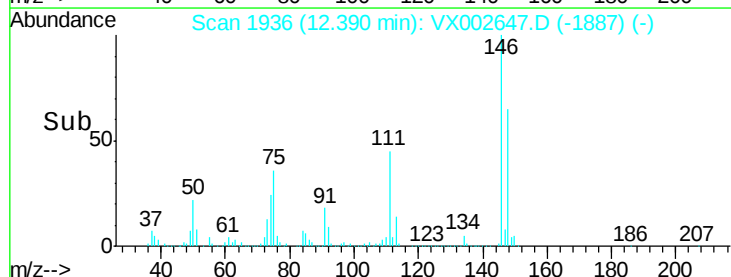
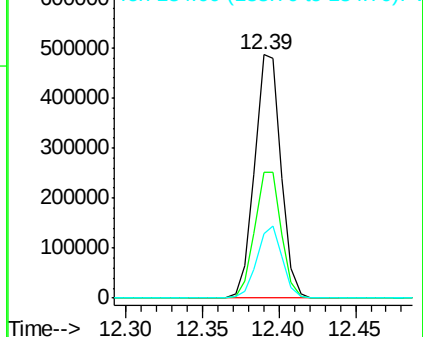
91 100

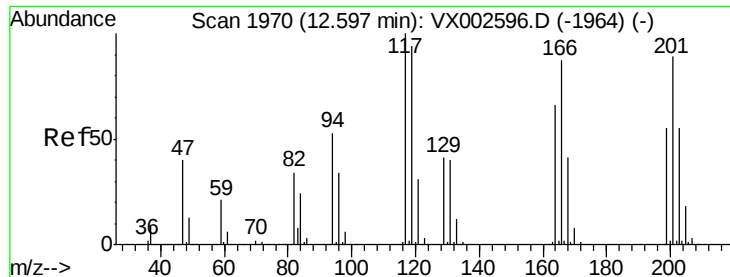
92 52.1 26.0 78.0

134 28.7 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





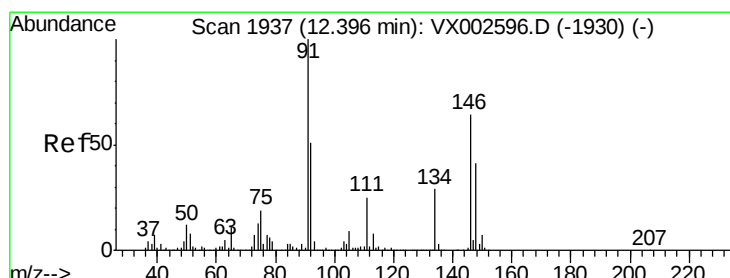
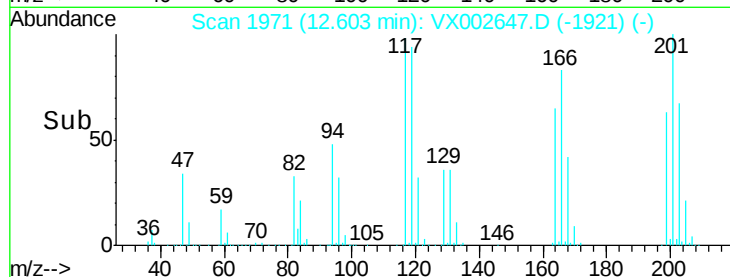
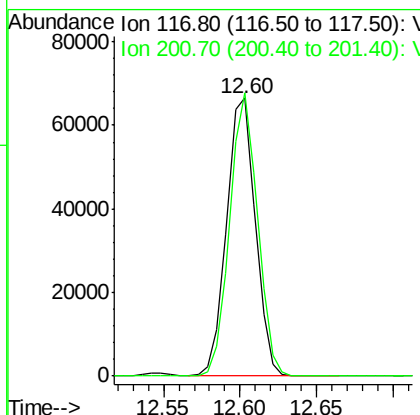
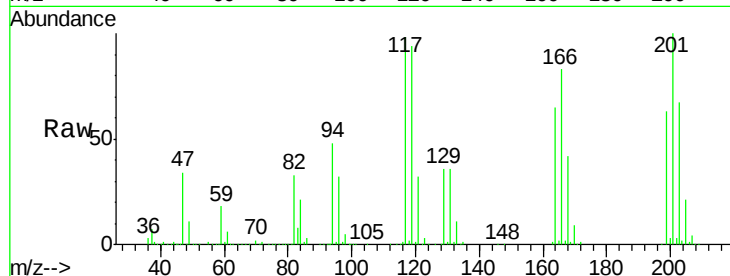
#90
Hexachloroethane
Concen: 45.71 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611MSD

Tot Ion:117 Resp: 86908
Ion Ratio Lower Upper
117 100
201 98.0 49.0 147.0

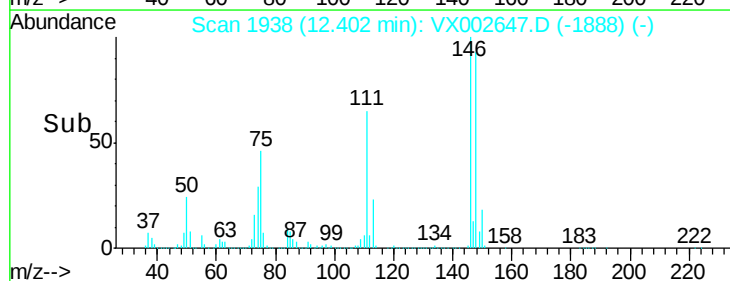
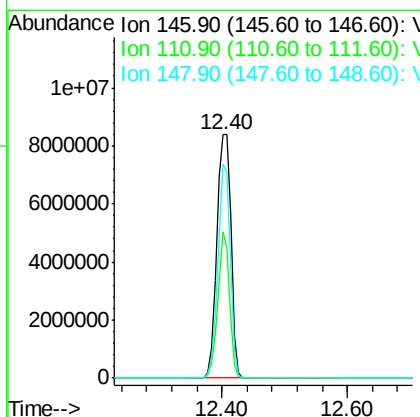
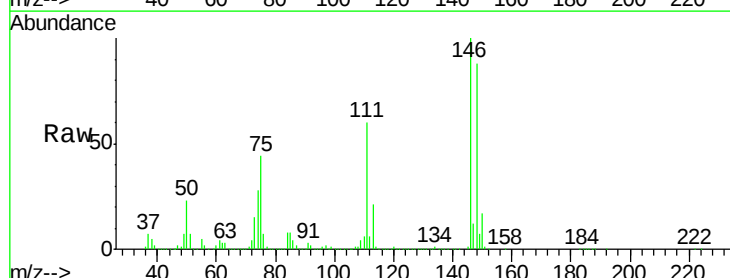
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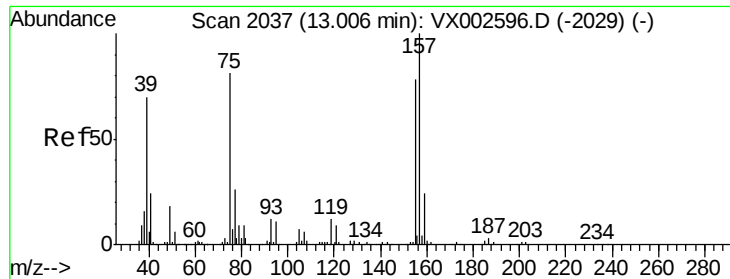
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#91
1,2-Dichlorobenzene
Concen: 1895.85 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. 0.01 min
Lab File: VX002647.D
Acq: 16 Jun 2018 14:42

Tgt Ion:146 Resp:13049412
Ion Ratio Lower Upper
146 100
111 49.0 19.4 58.1
148 76.5 31.7 95.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 59.89 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Instrument :

MSVOA_X

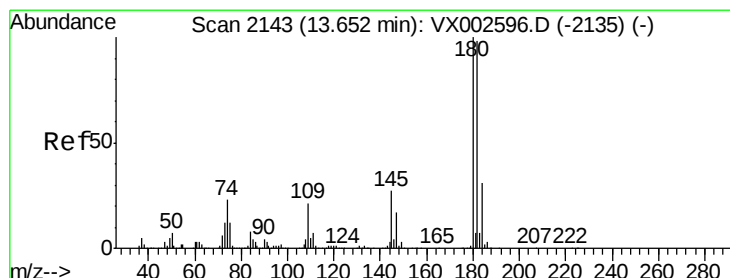
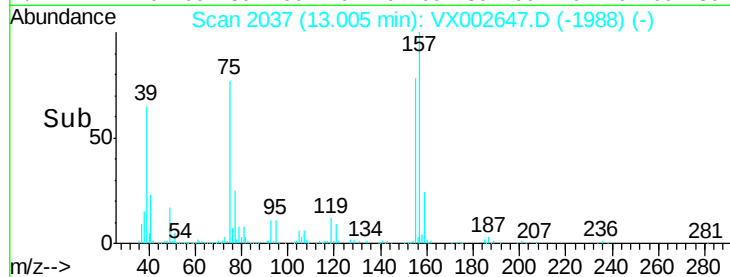
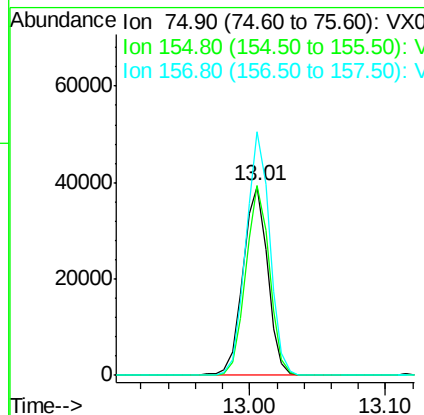
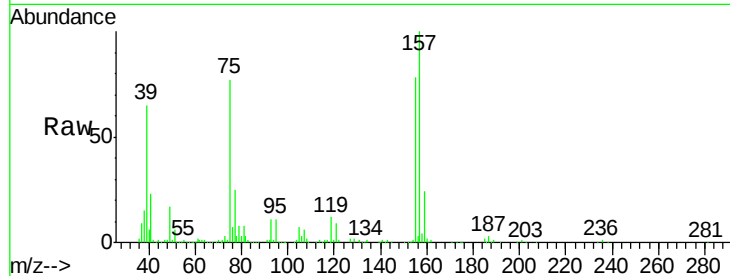
ClientSampleId :

SS003RW114R-180611MSD

Tot Ion:	75	Resp:	49591
Ion Ratio	Lower	Upper	
75	100		
155	96.2	45.8	137.4
157	124.2	60.1	180.3

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#93

1,2,4-Trichlorobenzene

Concen: 58.68 ug/l

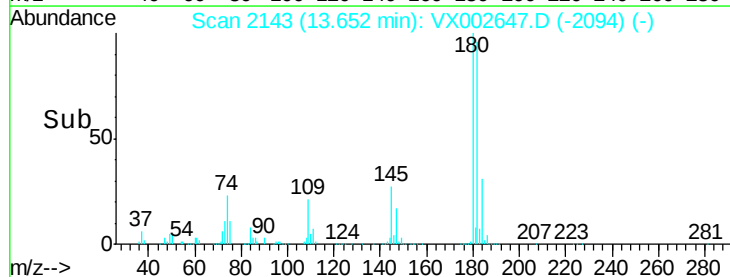
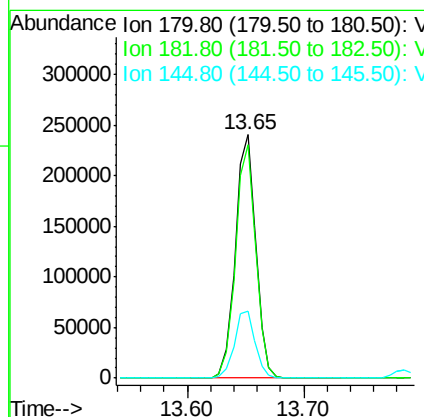
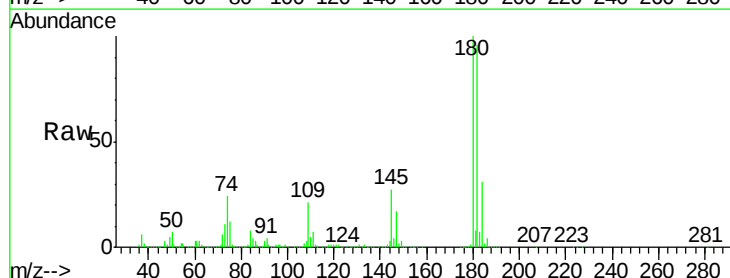
RT: 13.65 min Scan# 2143

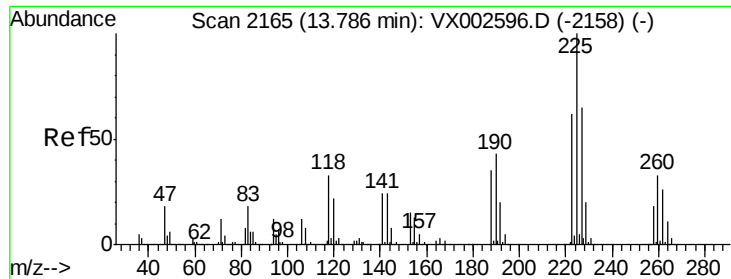
Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Tgt Ion:	180	Resp:	293136
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.7	143.1
145	27.9	14.1	42.4





#94

Hexachlorobutadiene

Concen: 45.87 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX002647.D

Acq: 16 Jun 2018 14:42

Instrument :

MSVOA_X

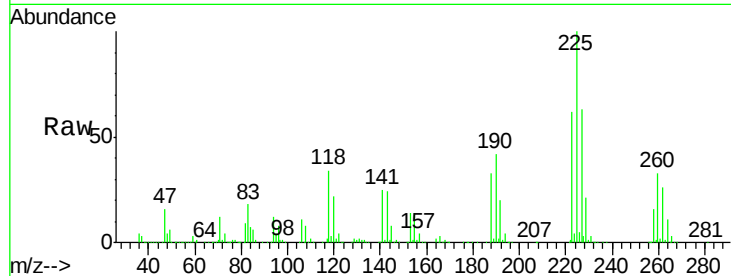
ClientSampleId :

SS003RW114R-180611MSD

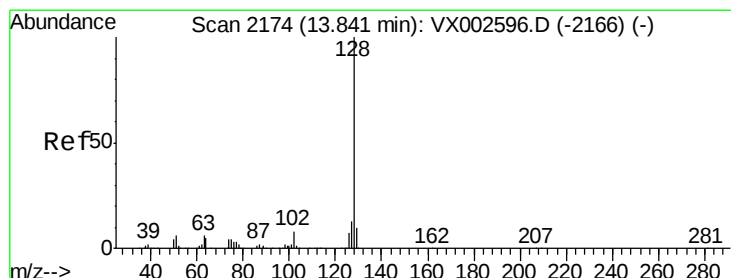
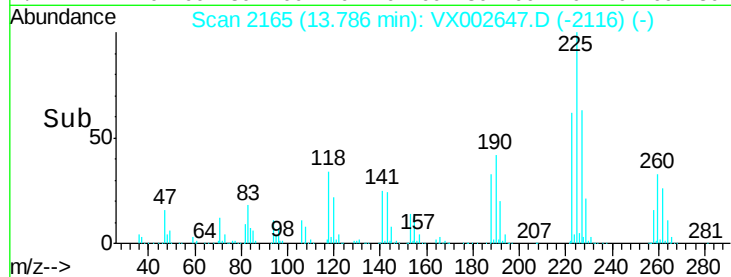
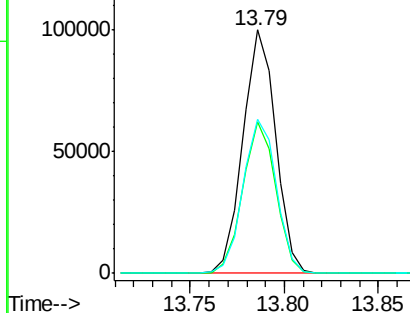
Tot Ion:	225	Resp:	120709
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.6	95.0
227	64.4	32.4	97.2

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: 55.95 ug/l

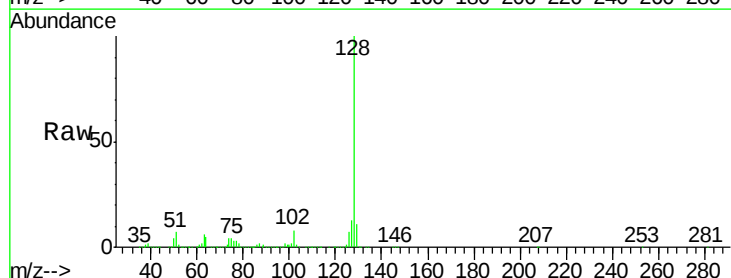
RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

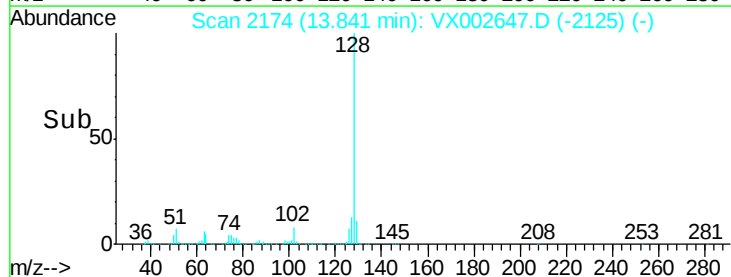
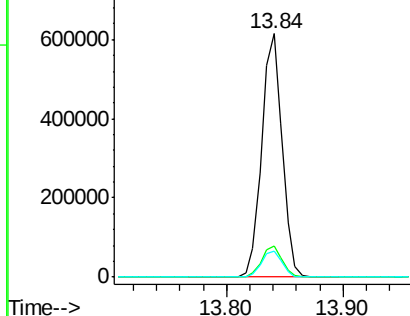
Lab File: VX002647.D

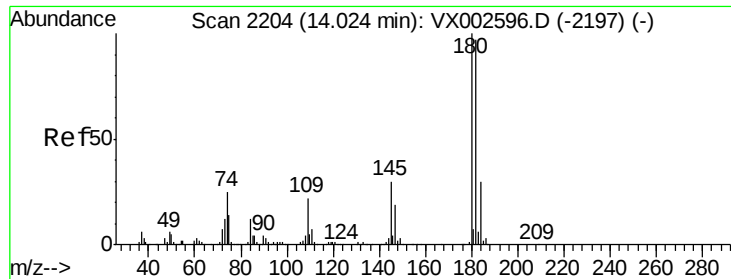
Acq: 16 Jun 2018 14:42

Tgt Ion:	128	Resp:	752119
Ion Ratio	Lower	Upper	
128	100		
127	13.0	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: 57.23 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX002647.D
 Acq: 16 Jun 2018 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.3	48.0	144.0
145	29.8	14.8	44.3

Manual Integrations
 APPROVED

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

