

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002891.D
 Acq On : 26 Jun 2018 11:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 3:12:05 PM

Quant Time: Jun 27 03:08:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	301263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	405797	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	390333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	254452	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	201226	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
35) Dibromofluoromethane	5.50	113	160243	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	8.72	98	596018	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.14	95	233190	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	137576	51.15	ug/l	98
3) Chloromethane	1.32	50	134207	48.01	ug/l	98
4) Vinyl Chloride	1.41	62	155970	45.78	ug/l	90
5) Bromomethane	1.64	94	116711	74.73	ug/l	99
6) Chloroethane	1.72	64	99345	49.69	ug/l	99
7) Trichlorofluoromethane	1.93	101	291185	50.67	ug/l	98
8) Diethyl Ether	2.19	74	101712	48.68	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	166216	49.91	ug/l	100
10) Methyl Iodide	2.51	142	84454	28.12	ug/l	99
11) Tert butyl alcohol	3.06	59	193838	233.68	ug/l	99
12) 1,1-Dichloroethene	2.37	96	144536	48.65	ug/l	100
13) Acrolein	2.29	56	88951	194.38	ug/l	100
14) Allyl chloride	2.73	41	290778	49.65	ug/l	99
15) Acrylonitrile	3.15	53	426154	240.52	ug/l	100
16) Acetone	2.45	43	497877	288.72	ug/l	98
17) Carbon Disulfide	2.57	76	391991	49.52	ug/l	99
18) Methyl Acetate	2.78	43	249280	51.70	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	531186	49.73	ug/l	100
20) Methylene Chloride	2.86	84	159945	47.66	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	155445	48.04	ug/l	97
22) Diisopropyl ether	3.87	45	565008	50.47	ug/l	98
23) Vinyl Acetate	3.82	43	2395609	252.71	ug/l	99
24) 1,1-Dichloroethane	3.70	63	303697	49.91	ug/l	99
25) 2-Butanone	4.70	43	667566	260.84	ug/l	99
26) 2,2-Dichloropropane	4.59	77	261708	52.89	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	177722	48.98	ug/l	96
28) Bromochloromethane	5.02	49	151627	52.06	ug/l	94
29) Tetrahydrofuran	5.16	42	405858	247.30	ug/l	98
30) Chloroform	5.21	83	315578	50.54	ug/l	97
31) Cyclohexane	5.57	56	266378	51.01	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	283501	51.60	ug/l	99
36) 1,1-Dichloropropene	5.80	75	229534	51.58	ug/l	99
37) Ethyl Acetate	4.86	43	245754	51.29	ug/l	99
38) Carbon Tetrachloride	5.79	117	260804	53.41	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	280617	54.14	ug/l	97
40) Benzene	6.14	78	666260	51.53	ug/l	99
41) Methacrylonitrile	5.06	41	141803	51.39	ug/l	99
42) 1,2-Dichloroethane	6.20	62	261604	50.09	ug/l	100
43) Isopropyl Acetate	6.46	43	414725	51.61	ug/l	99
44) Trichloroethene	7.21	130	198205	51.42	ug/l	97
45) 1,2-Dichloropropane	7.52	63	179439	52.32	ug/l	98
46) Dibromomethane	7.67	93	121829	51.18	ug/l	98
47) Bromodichloromethane	7.90	83	243492	55.33	ug/l	97
48) Methyl methacrylate	7.78	41	217282	52.48	ug/l	98
49) 1,4-Dioxane	7.76	88	79755	990.05	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1330664	264.67	ug/l	98
52) Toluene	8.79	92	437175	52.78	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	279455	56.08	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	264199	55.10	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	178659	52.49	ug/l	97
56) Ethyl methacrylate	9.18	69	266376	53.55	ug/l	99
57) 1,3-Dichloropropane	9.37	76	291903	52.22	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	602635	251.11	ug/l	99
59) 2-Hexanone	9.50	43	1038658	271.82	ug/l	97
60) Dibromochloromethane	9.59	129	202351	56.47	ug/l	100
61) 1,2-Dibromoethane	9.68	107	190495	53.36	ug/l	99
64) Tetrachloroethene	9.34	164	220755	50.86	ug/l	98
65) Chlorobenzene	10.14	112	511379	51.58	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	192574	53.47	ug/l	100
67) Ethyl Benzene	10.26	91	877057	53.55	ug/l	99
68) m/p-Xylenes	10.36	106	685297	108.57	ug/l	100
69) o-Xylene	10.70	106	331283	53.90	ug/l	99
70) Styrene	10.71	104	544656	54.54	ug/l	99
71) Bromoform	10.86	173	161153	49.56	ug/l #	99
73) Isopropylbenzene	11.02	105	915749	53.50	ug/l	100
74) N-amyl acetate	6.46	43	414725	49.52	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	269196	51.05	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	273276m	59.29	ug/l	
77) Bromobenzene	11.26	156	248250	50.93	ug/l	98
78) n-propylbenzene	11.37	91	1065020	54.66	ug/l	99
79) 2-Chlorotoluene	11.43	91	616637	52.27	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	782176	54.25	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	77202	48.69	ug/l	98
82) 4-Chlorotoluene	11.51	91	746507	53.45	ug/l	100
83) tert-Butylbenzene	11.77	119	779426	54.86	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	805344	53.91	ug/l	99
85) sec-Butylbenzene	11.95	105	945567	54.86	ug/l	100
86) p-Isopropyltoluene	12.07	119	861200	55.57	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	466723	52.42	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	473754	51.71	ug/l	99
89) n-Butylbenzene	12.39	91	769607	57.06	ug/l	99
90) Hexachloroethane	12.60	117	126620	54.93	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	464867	51.73	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	62328	52.58	ug/l	98

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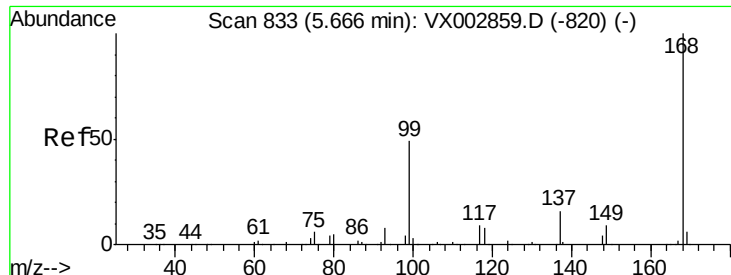
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	360171	55.07	ug/l	100
94) Hexachlorobutadiene	13.79	225	181860	55.75	ug/l	100
95) Naphthalene	13.84	128	950254	54.55	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	354036	54.20	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 301263

Ion Ratio Lower Upper

168 100

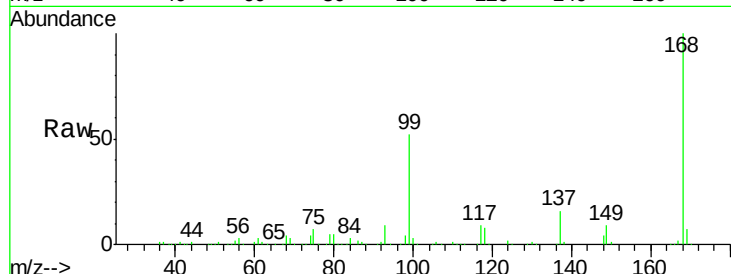
99 51.7 39.3 58.9

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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

120000

100000

80000

60000

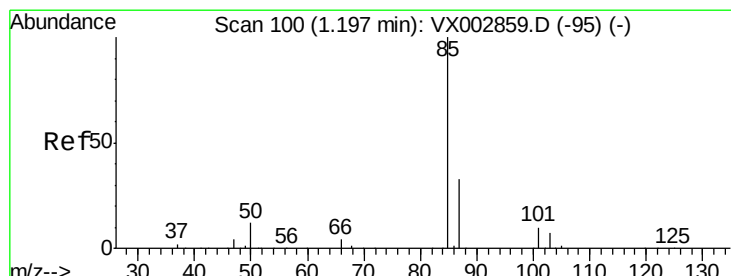
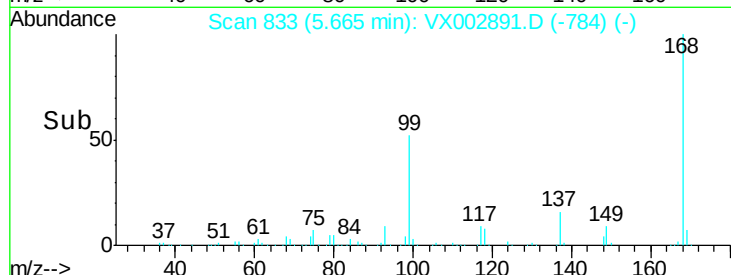
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.15 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002891.D

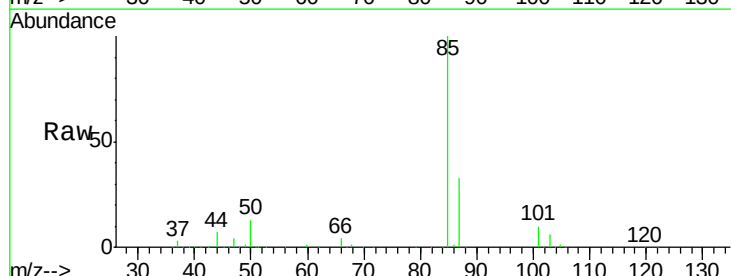
Acq: 26 Jun 2018 11:12

Tgt Ion: 85 Resp: 137576

Ion Ratio Lower Upper

85 100

87 33.0 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

150000

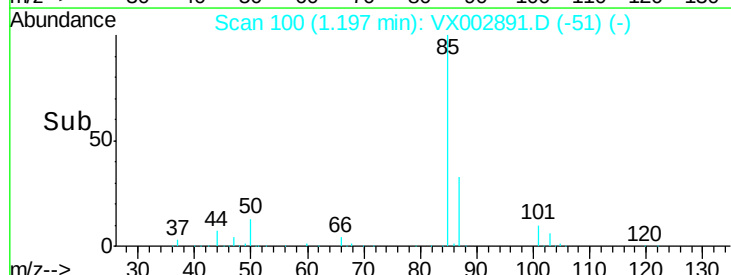
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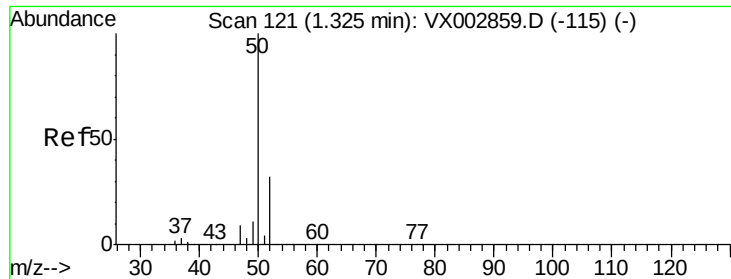
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 48.01 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 134207

Ion Ratio Lower Upper

50 100

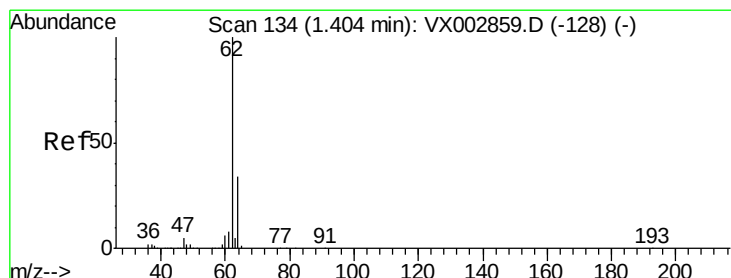
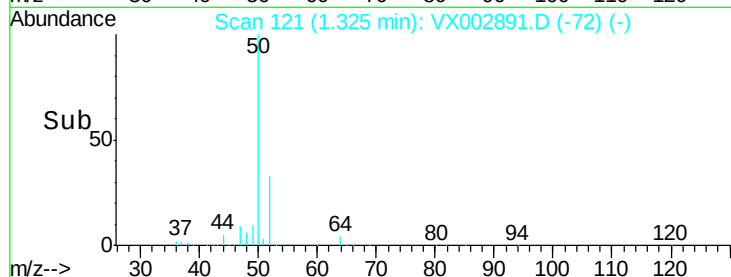
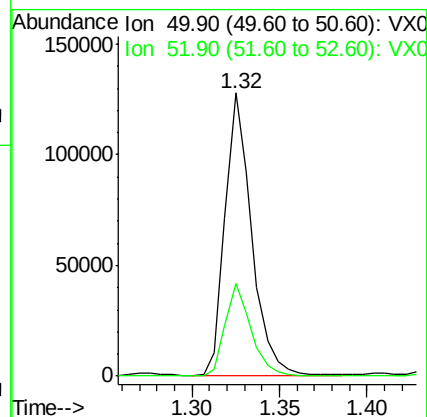
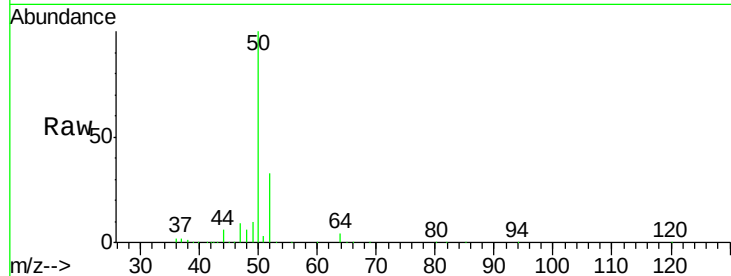
52 33.0 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.78 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002891.D

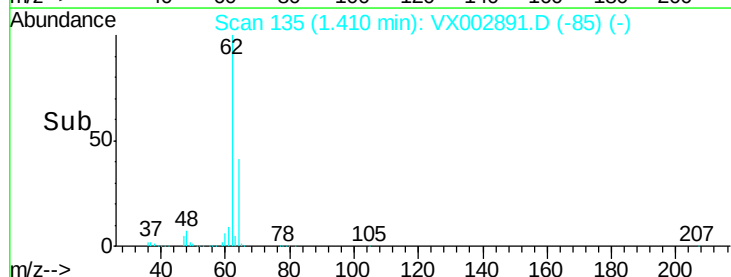
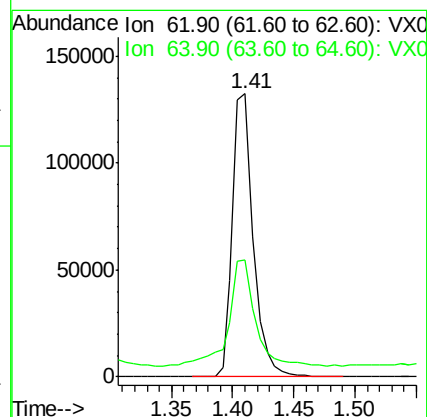
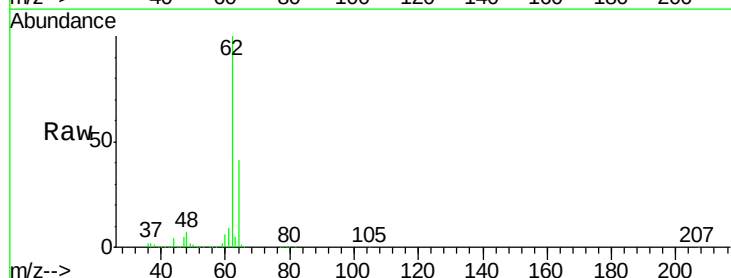
Acq: 26 Jun 2018 11:12

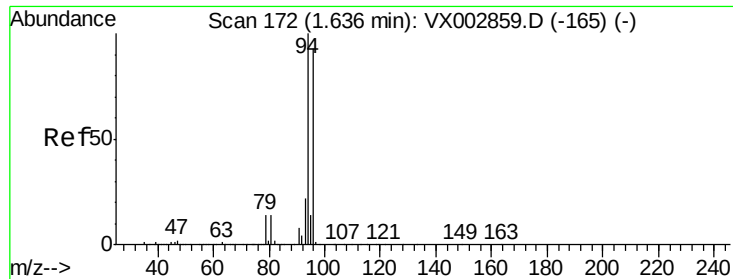
Tgt Ion: 62 Resp: 155970

Ion Ratio Lower Upper

62 100

64 37.4 25.4 38.2





#5

Bromomethane

Concen: 74.73 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 116711

Ion Ratio Lower Upper

94 100

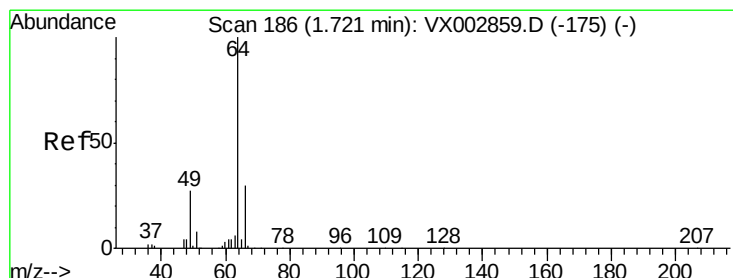
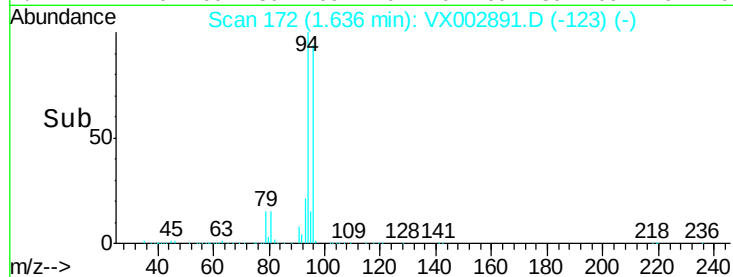
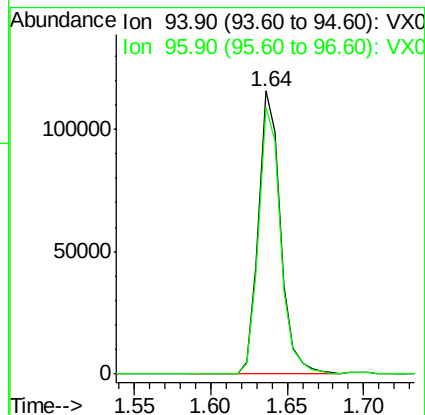
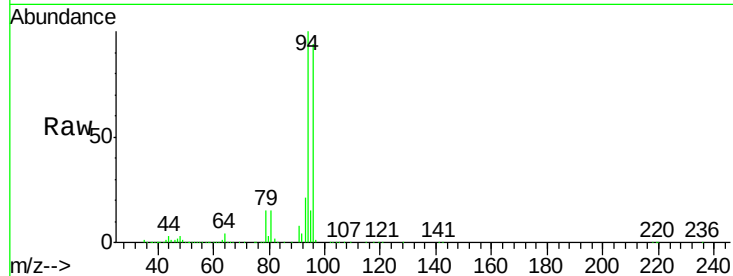
96 94.2 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 49.69 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002891.D

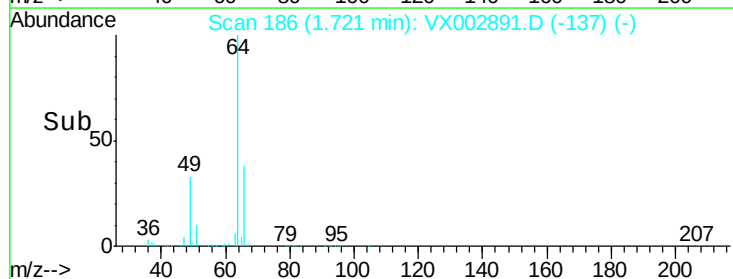
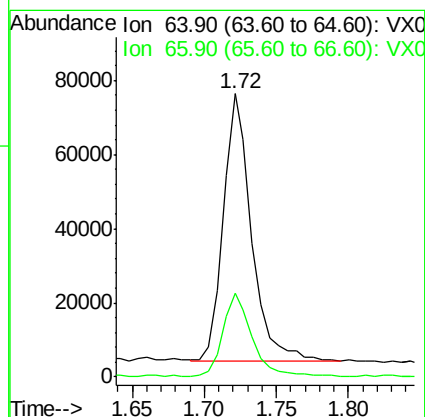
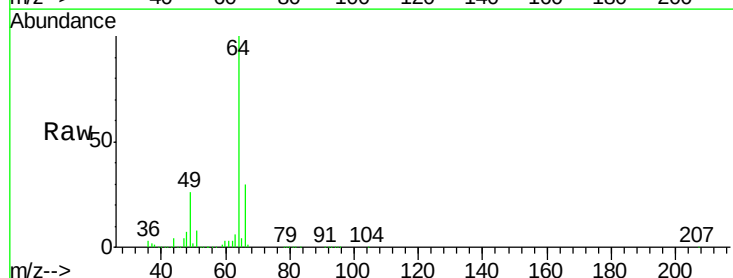
Acq: 26 Jun 2018 11:12

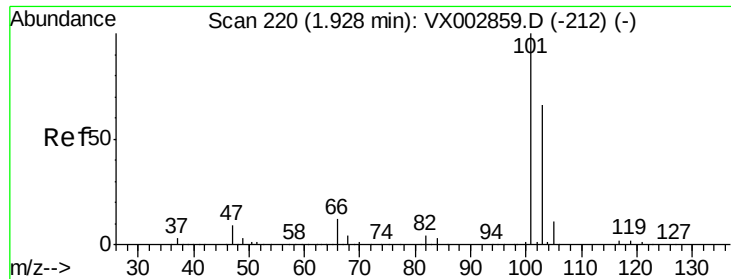
Tgt Ion: 64 Resp: 99345

Ion Ratio Lower Upper

64 100

66 31.2 25.5 38.3





#7

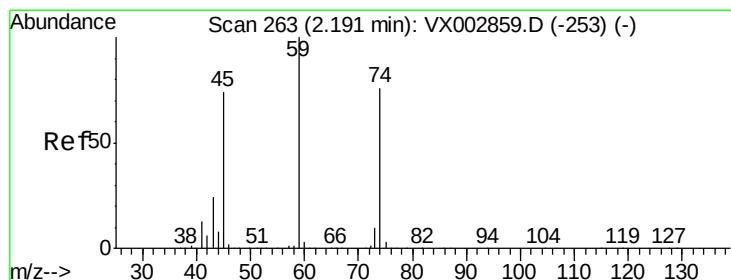
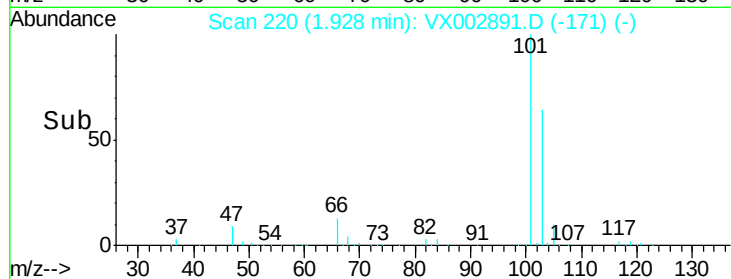
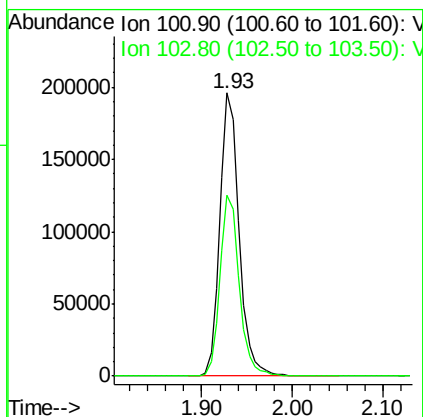
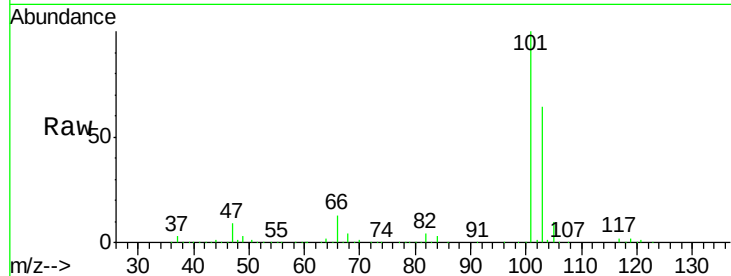
Trichlorofluoromethane
Concen: 50.67 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	52.8	79.2

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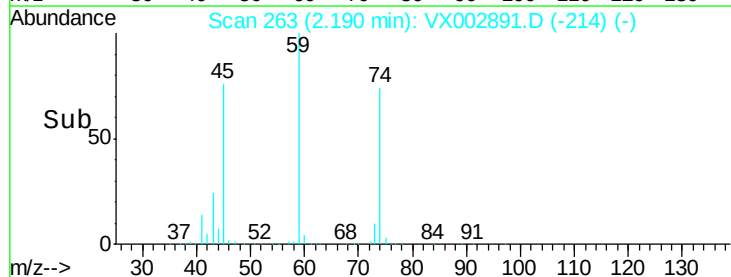
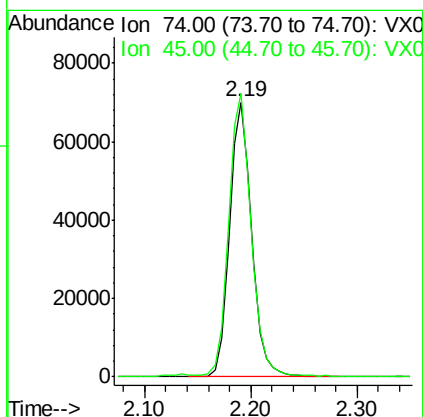
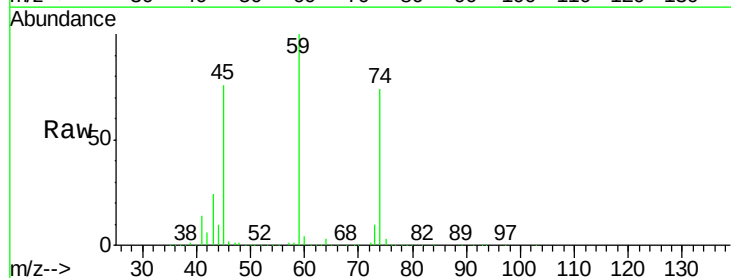
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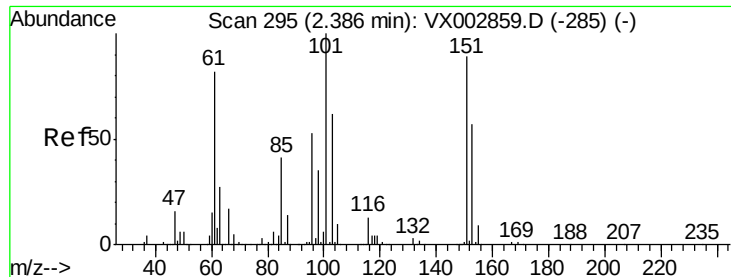


#8

Diethyl Ether
Concen: 48.68 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.9	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.91 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

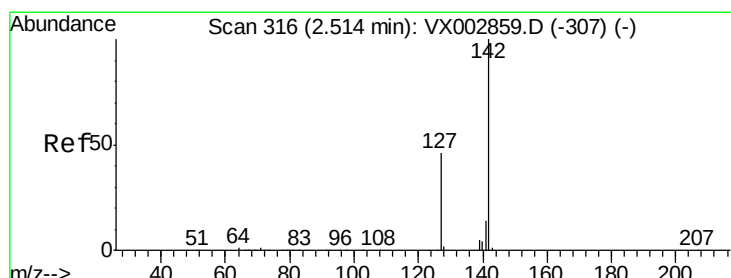
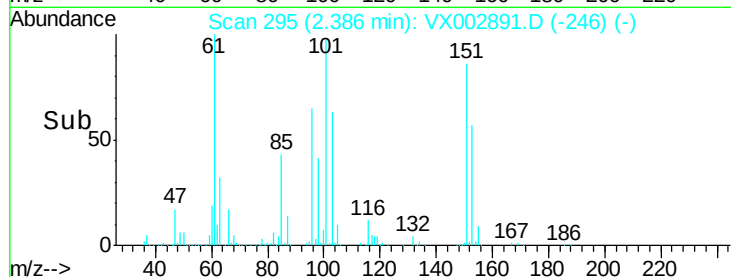
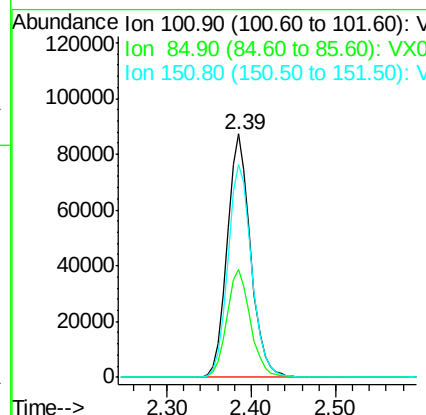
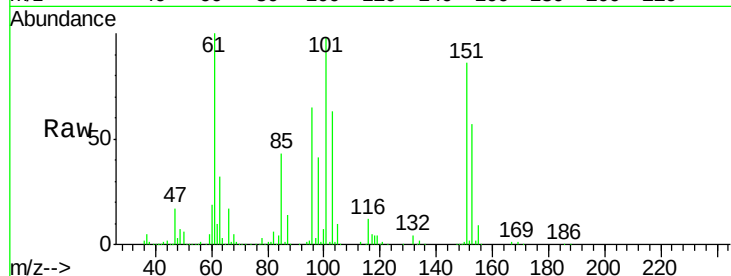
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	166216
Ion Ratio	Lower	Upper	
101	100		
85	44.7	36.0	54.0
151	89.0	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 28.12 ug/l

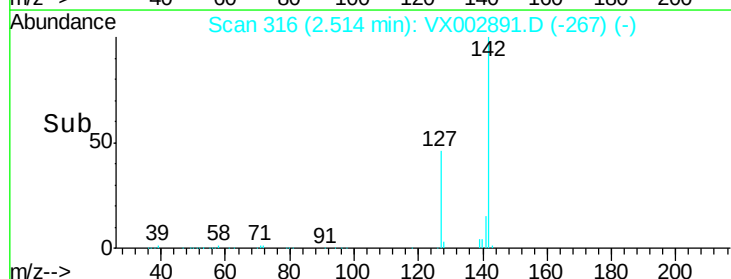
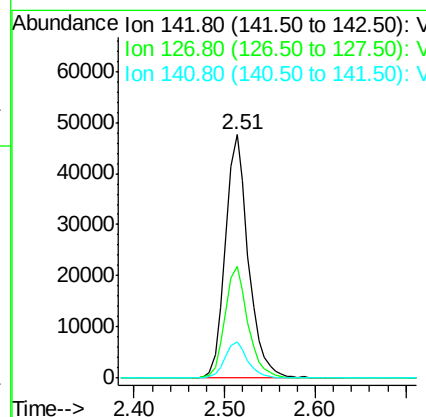
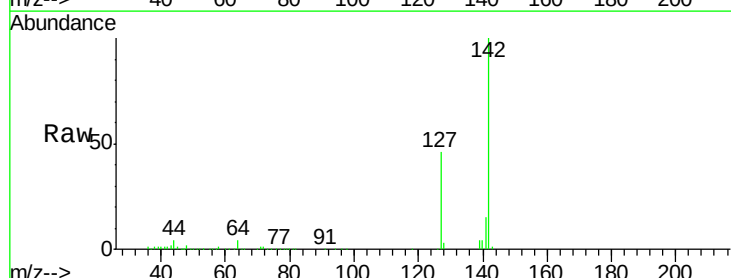
RT: 2.51 min Scan# 316

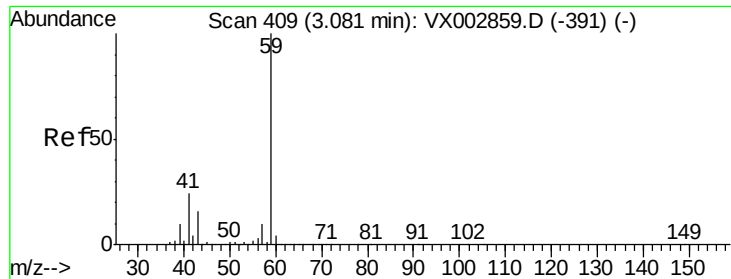
Delta R.T. 0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Tgt Ion:	142	Resp:	84454
Ion Ratio	Lower	Upper	
142	100		
127	46.1	36.6	55.0
141	14.8	11.3	16.9





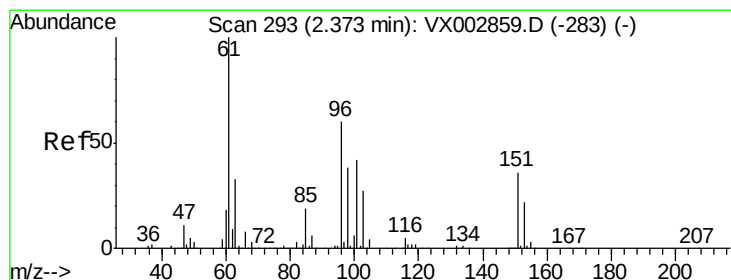
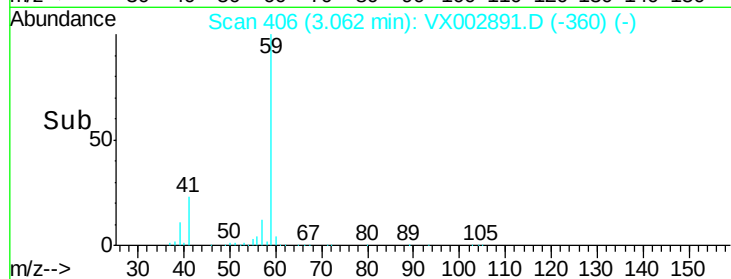
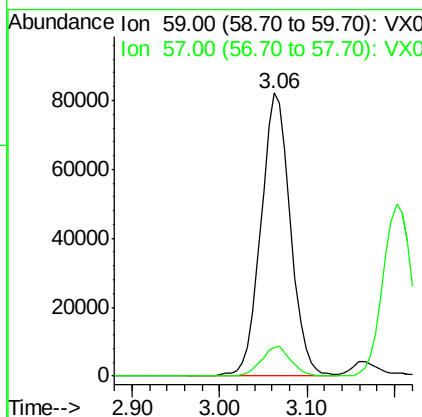
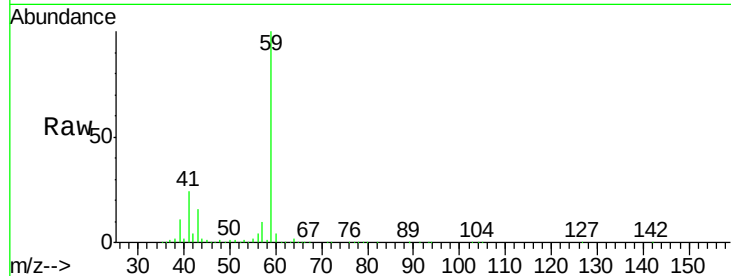
#11
Tert butyl alcohol
Concen: 233.68 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.2

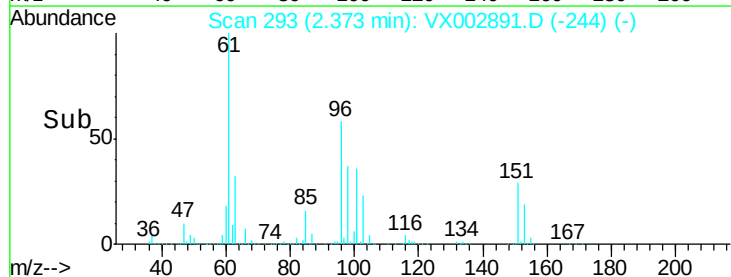
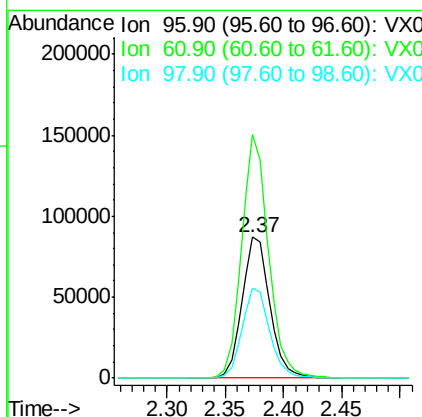
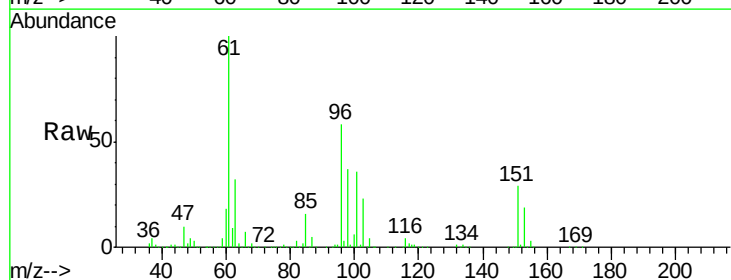
Manual Integrations
APPROVED

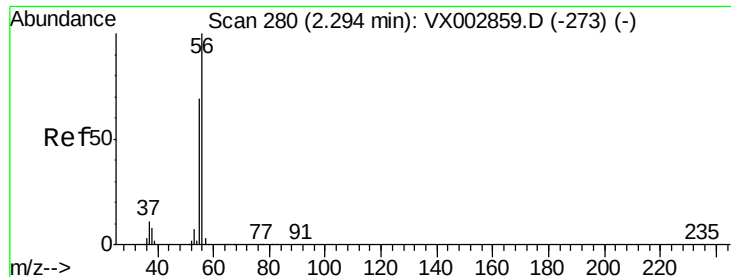
MMDadoda
6/28/2018 3:12:05 PM



#12
1,1-Dichloroethene
Concen: 48.65 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.8	137.9	206.9
98	64.0	51.6	77.4





#13

Acrolein

Concen: 194.38 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 88951

Ion Ratio Lower Upper

56 100

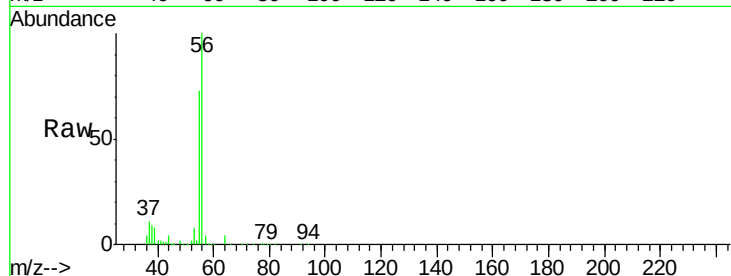
55 71.2 57.0 85.4

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

60000

50000

40000

30000

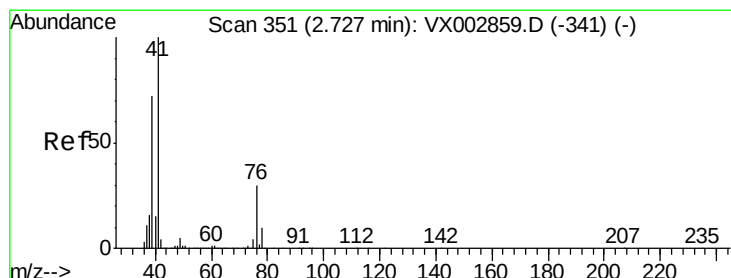
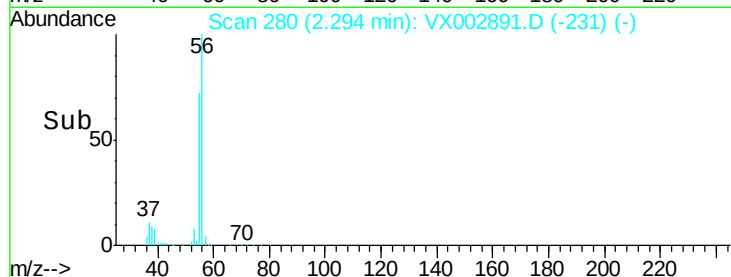
20000

10000

0

2.29

Time-->



#14

Allyl chloride

Concen: 49.65 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

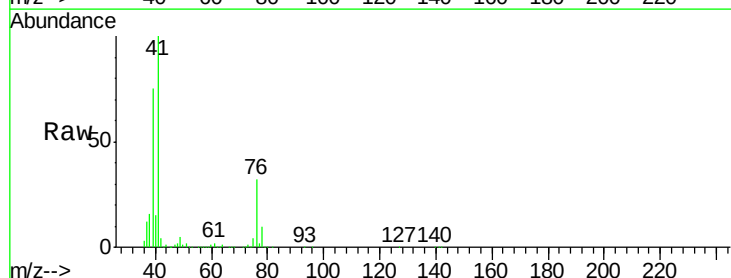
Tgt Ion: 41 Resp: 290778

Ion Ratio Lower Upper

41 100

39 70.3 56.8 85.2

76 30.7 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

200000

150000

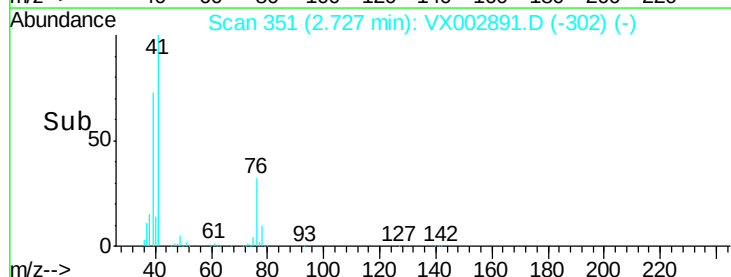
100000

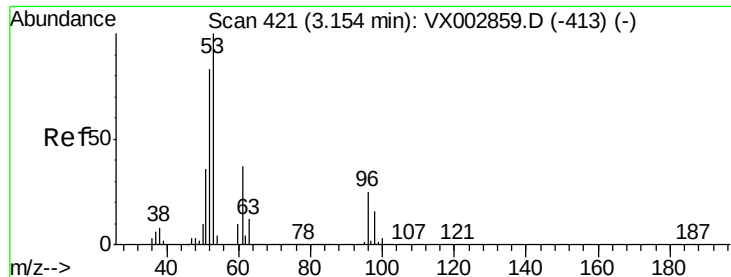
50000

0

2.73

Time-->





#15

Acrylonitrile

Concen: 240.52 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

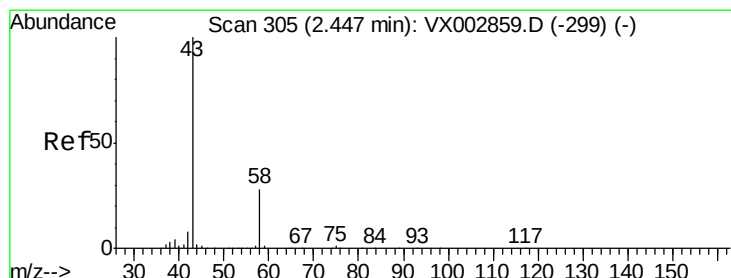
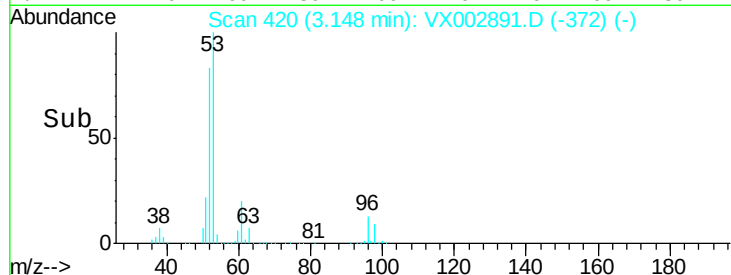
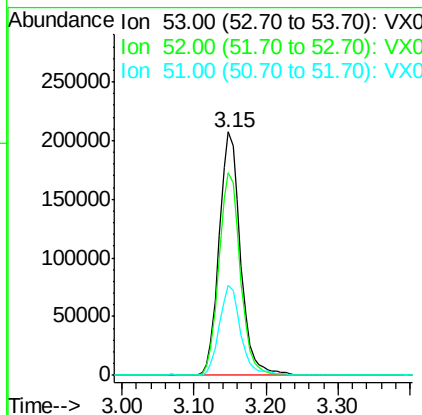
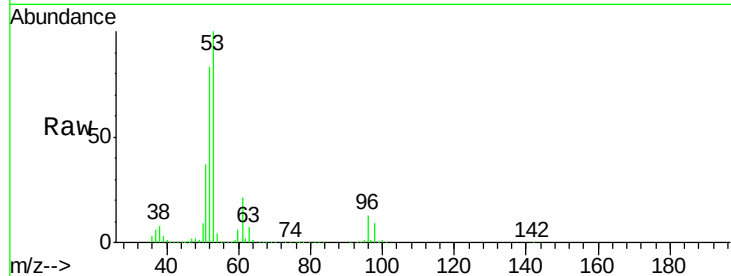
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	426154
Ion Ratio	Lower	Upper	
53	100		
52	83.8	66.7	100.1
51	37.0	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 288.72 ug/l

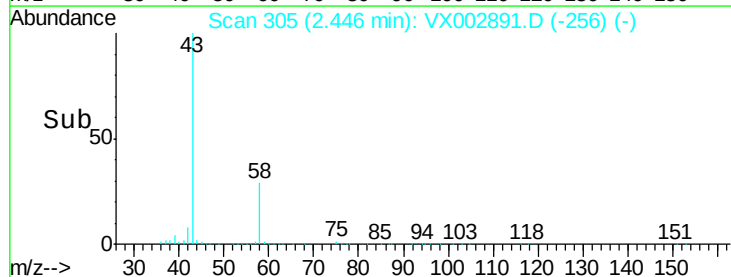
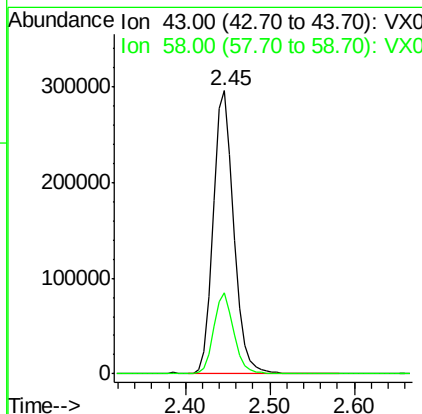
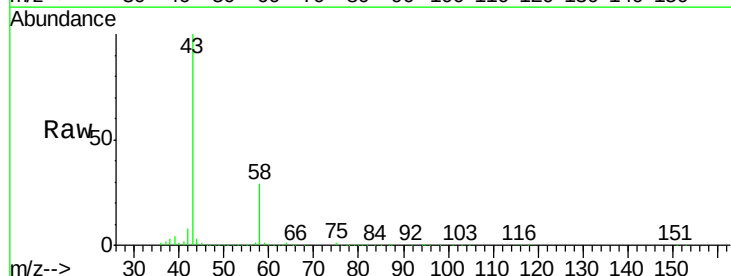
RT: 2.45 min Scan# 305

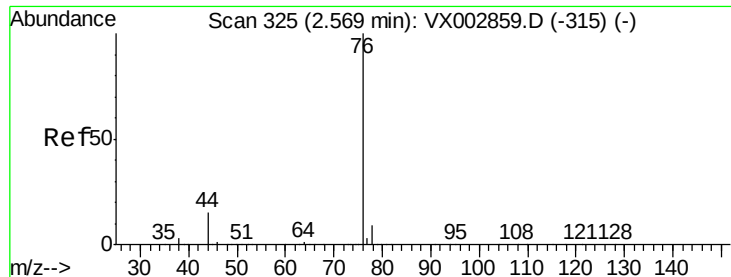
Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Tgt Ion:	43	Resp:	497877
Ion Ratio	Lower	Upper	
43	100		
58	28.6	22.1	33.1





#17

Carbon Disulfide

Concen: 49.52 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 391991

Ion Ratio Lower Upper

76 100

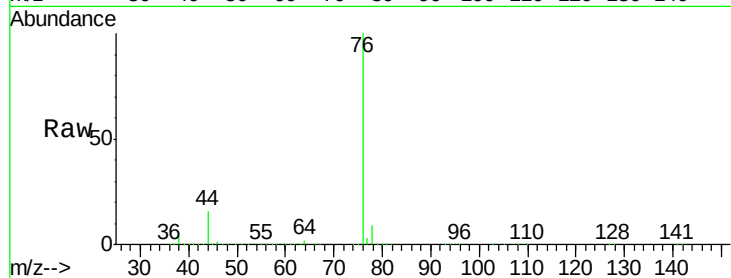
78 8.9 6.9 10.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

50000

0

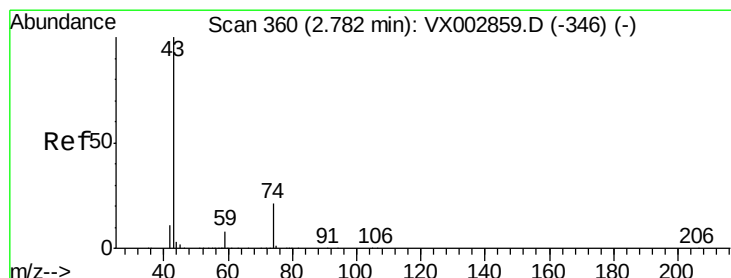
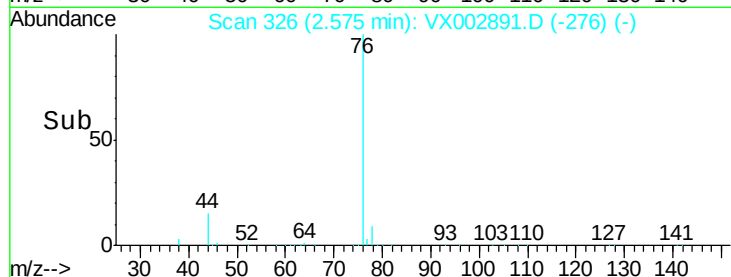
2.57

2.50

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 51.70 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX002891.D

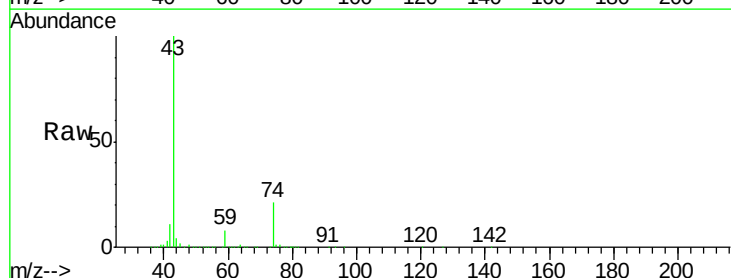
Acq: 26 Jun 2018 11:12

Tgt Ion: 43 Resp: 249280

Ion Ratio Lower Upper

43 100

74 22.1 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

150000

100000

50000

0

2.78

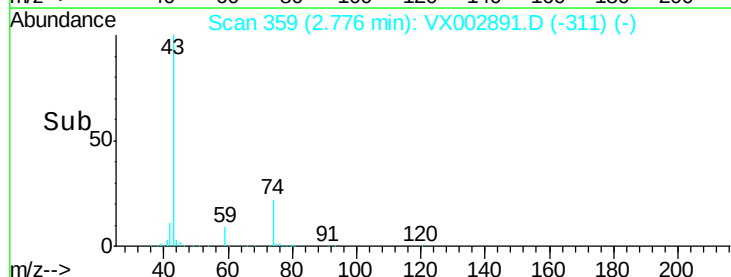
2.70

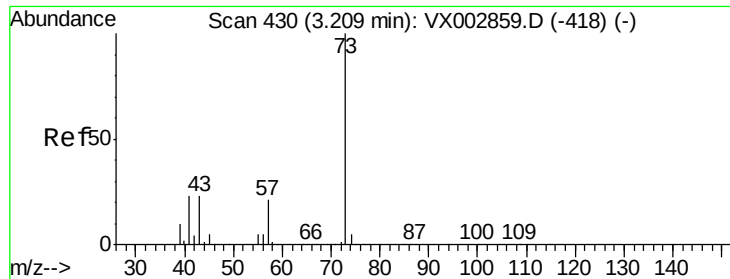
2.75

2.80

2.85

Time-->





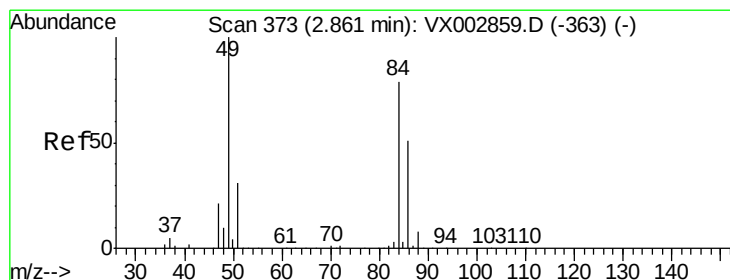
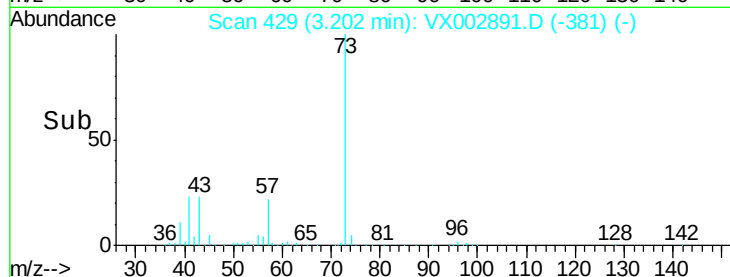
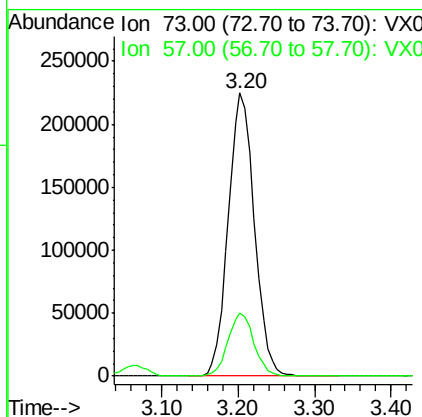
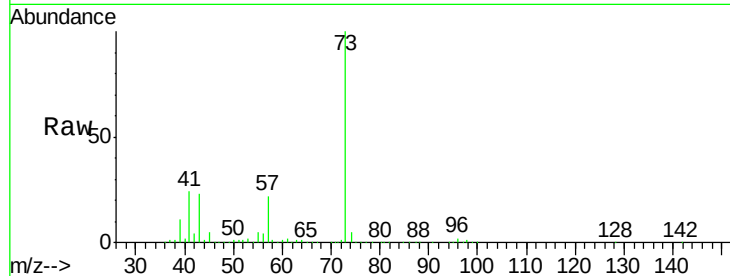
#19
Methyl tert-butyl Ether
Concen: 49.73 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.7	26.5

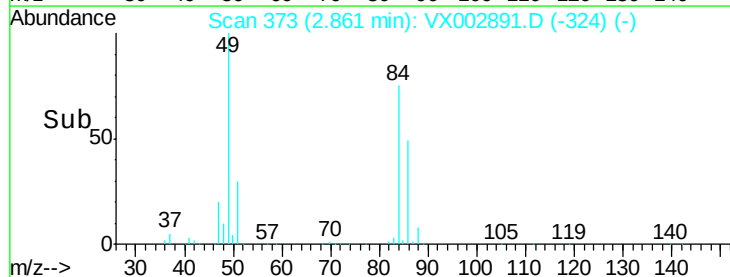
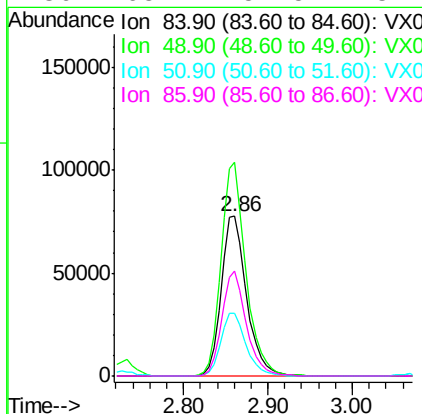
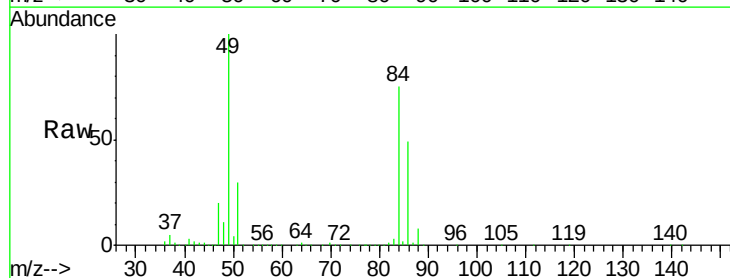
Manual Integrations
APPROVED

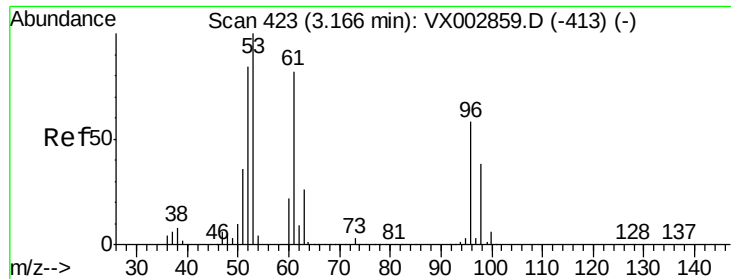
MMDadoda
6/28/2018 3:12:05 PM



#20
Methylene Chloride
Concen: 47.66 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.8	107.8	161.6
51	39.5	32.8	49.2
86	65.4	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 48.04 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

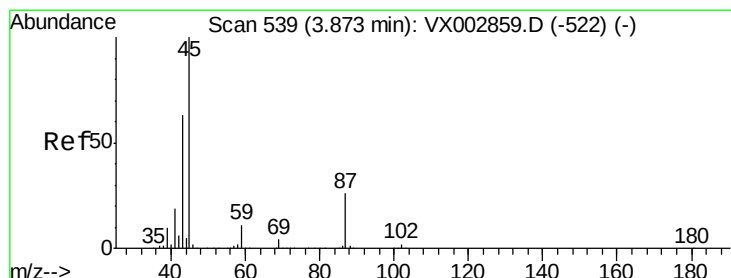
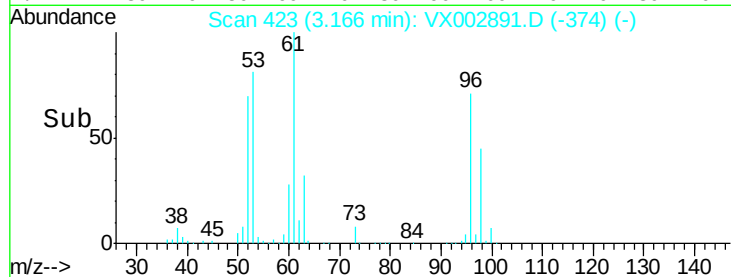
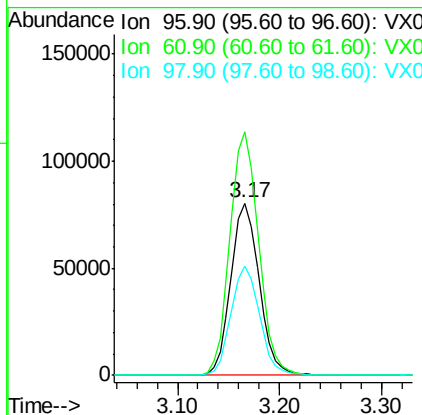
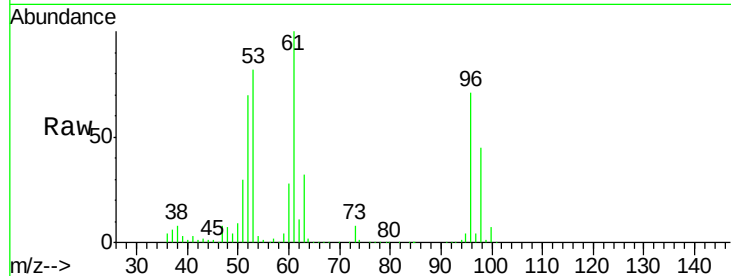
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	155445
Ion	Ratio	Lower	Upper
96	100		
61	141.4	117.0	175.4
98	63.7	52.4	78.6

Manual Integrations
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6/28/2018 3:12:05 PM



#22

Diisopropyl ether

Concen: 50.47 ug/l

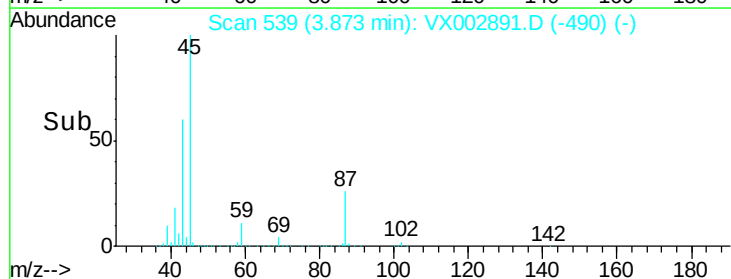
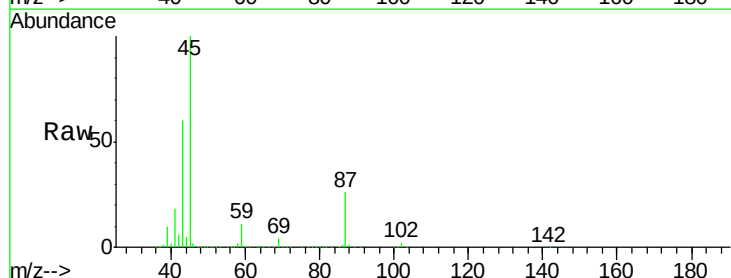
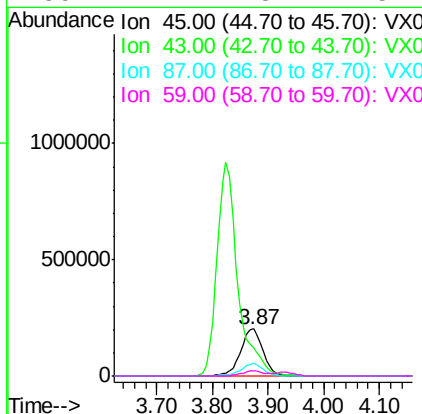
RT: 3.87 min Scan# 539

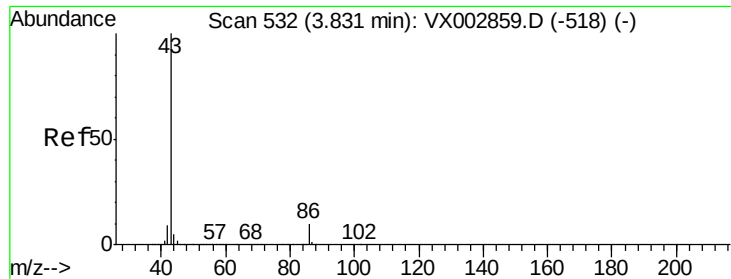
Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Tgt Ion:	45	Resp:	565008
Ion	Ratio	Lower	Upper
45	100		
43	60.2	46.8	70.2
87	26.1	20.2	30.4
59	11.2	8.7	13.1





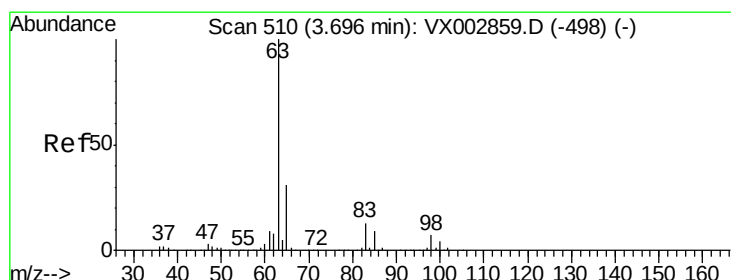
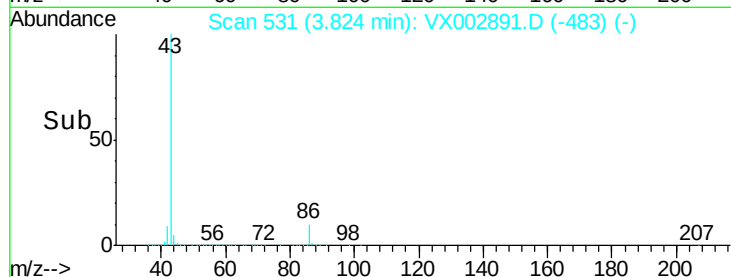
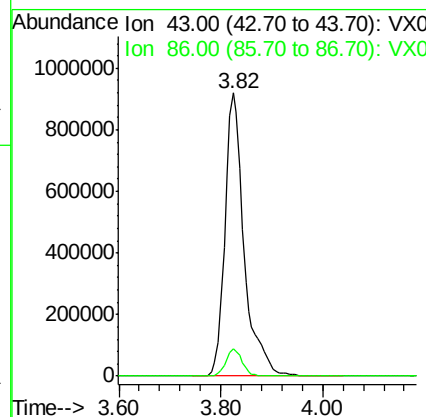
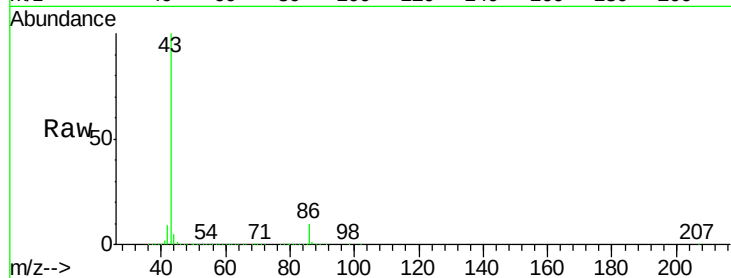
#23
 Vinyl Acetate
 Concen: 252.71 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2395609
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.4 11.0

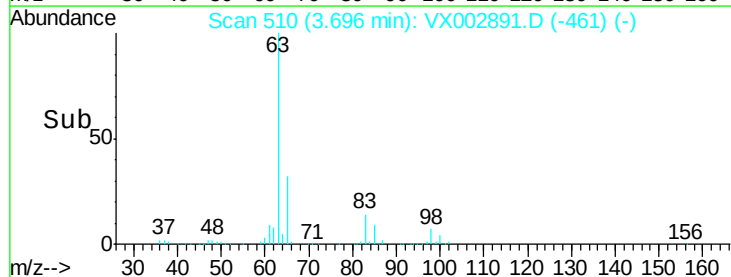
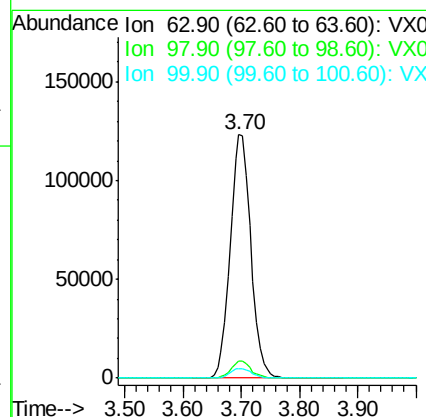
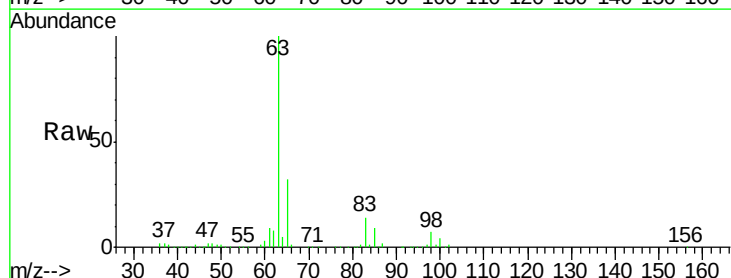
Manual Integrations
 APPROVED

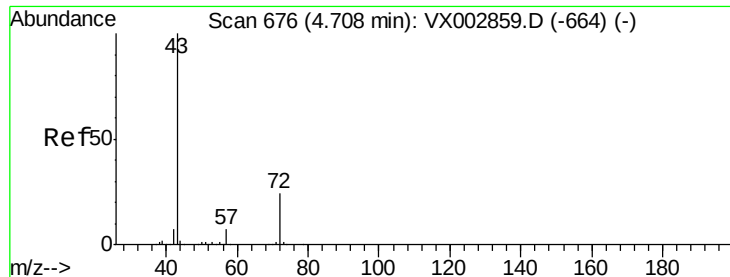
MMDadoda
 6/28/2018 3:12:05 PM



#24
 1,1-Dichloroethane
 Concen: 49.91 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Tgt Ion: 63 Resp: 303697
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 3.8 2.0 6.0





#25

2-Butanone

Concen: 260.84 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 667566

Ion Ratio Lower Upper

43 100

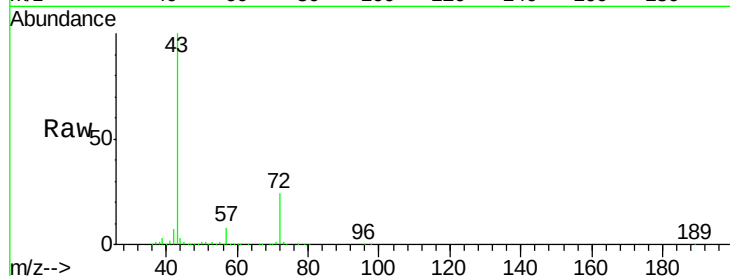
72 23.6 18.5 27.7

Manual Integrations

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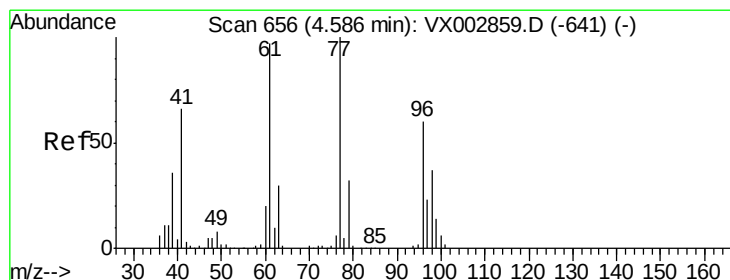
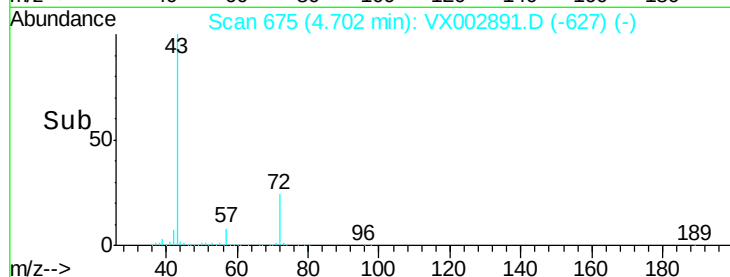
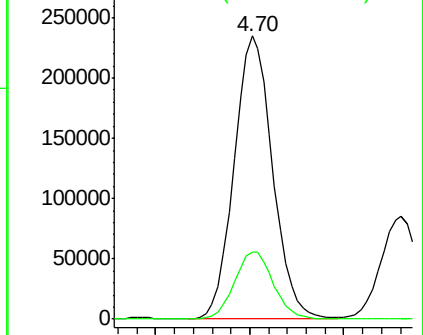
MMDadoda

6/28/2018 3:12:05 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 52.89 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002891.D

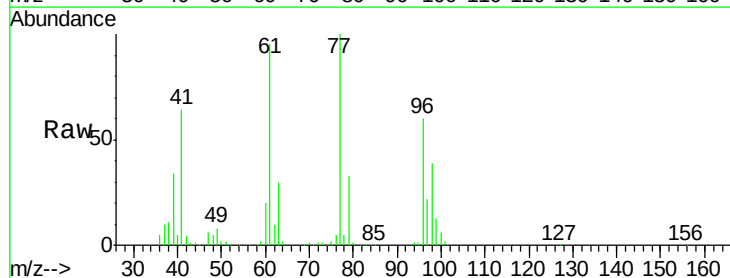
Acq: 26 Jun 2018 11:12

Tgt Ion: 77 Resp: 261708

Ion Ratio Lower Upper

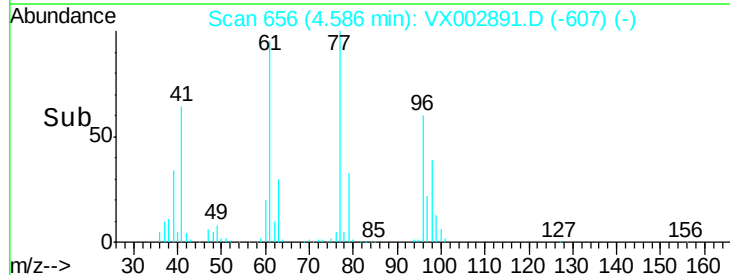
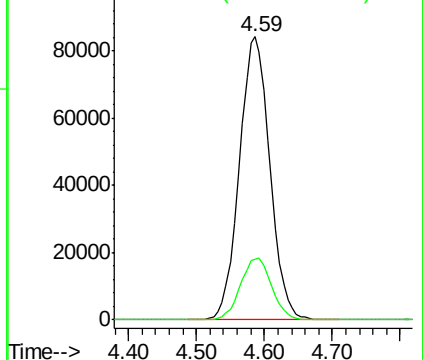
77 100

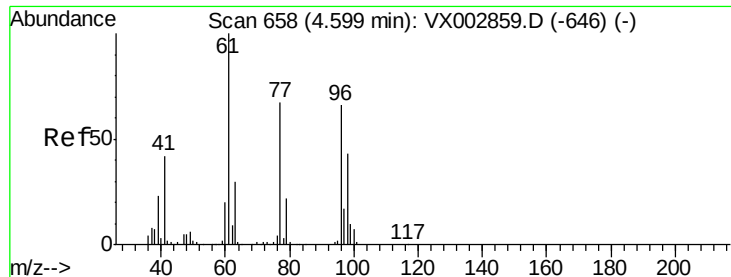
97 22.4 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 48.98 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

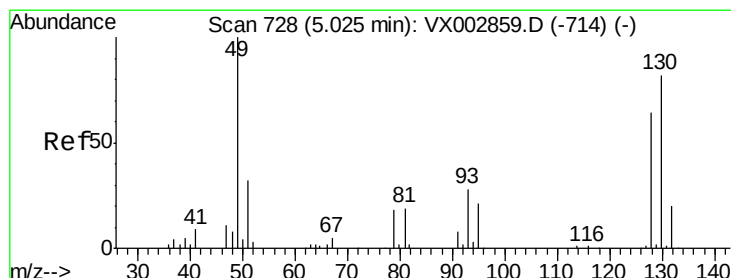
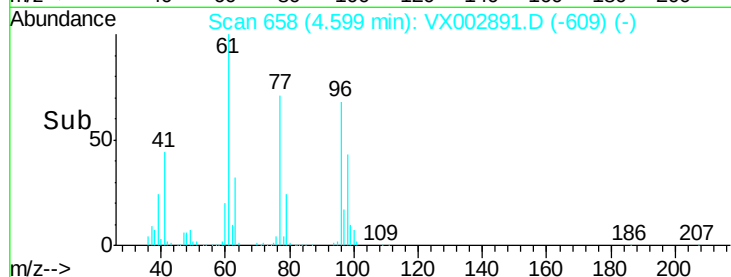
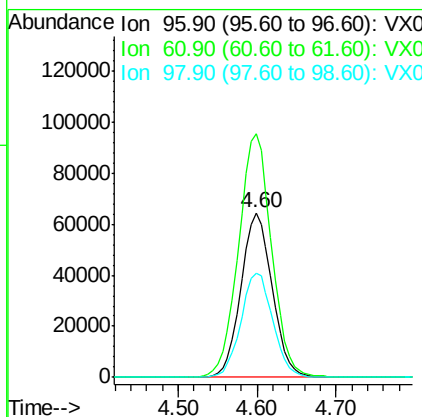
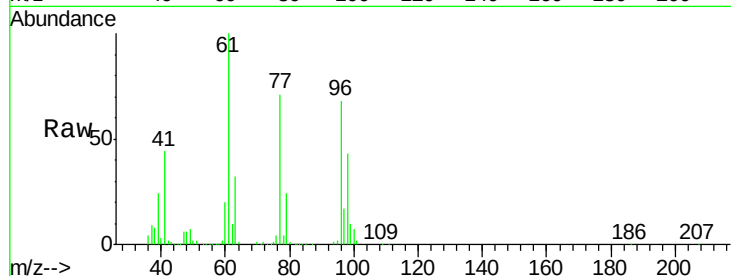
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	177722
Ion	Ratio	Lower	Upper
96	100		
61	156.9	0.0	330.2
98	64.9	0.0	130.2

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#28

Bromochloromethane

Concen: 52.06 ug/l

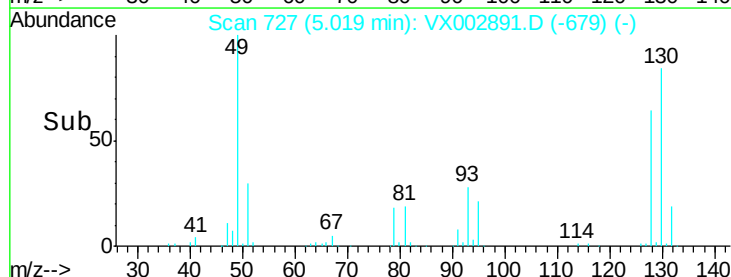
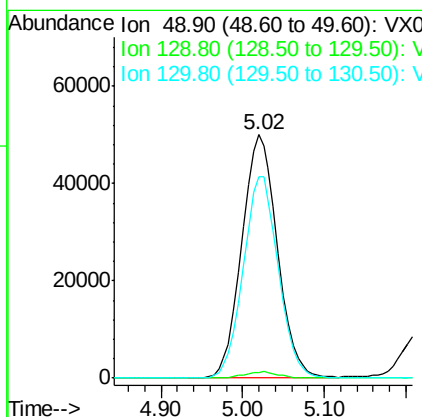
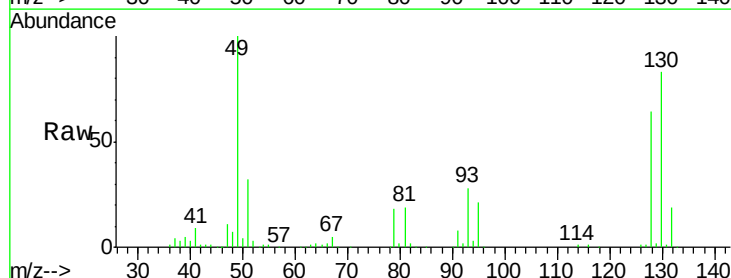
RT: 5.02 min Scan# 727

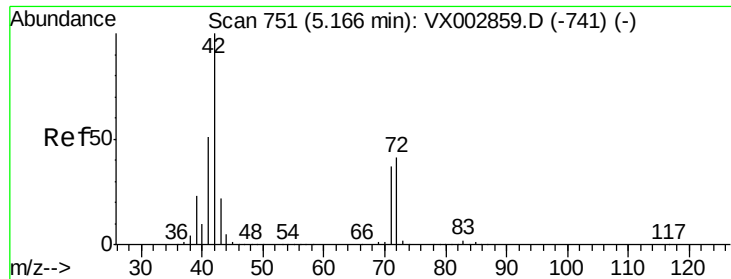
Delta R.T. -0.01 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Tgt Ion:	49	Resp:	151627
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	82.1	61.2	91.8





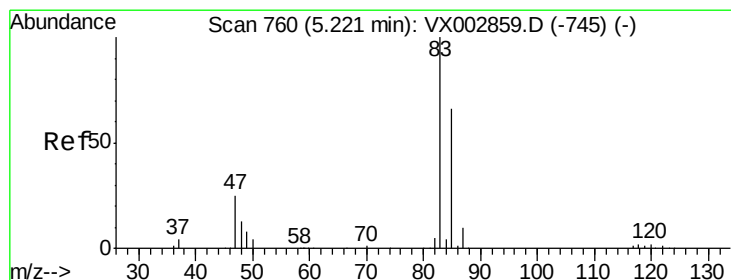
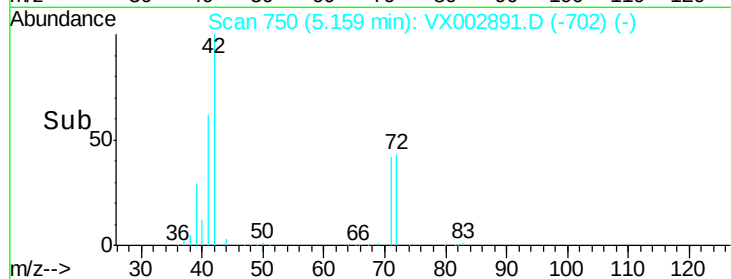
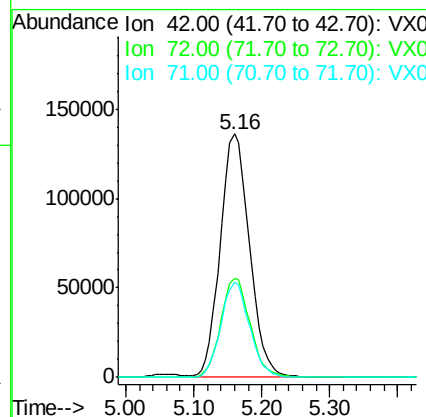
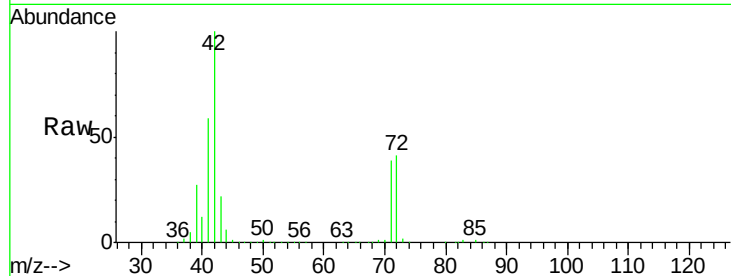
#29
Tetrahydrofuran
Concen: 247.30 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
42	100			
72	41.1	32.0	48.0	
71	38.4	30.1	45.1	

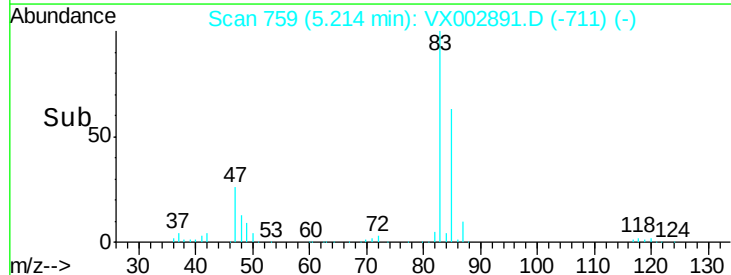
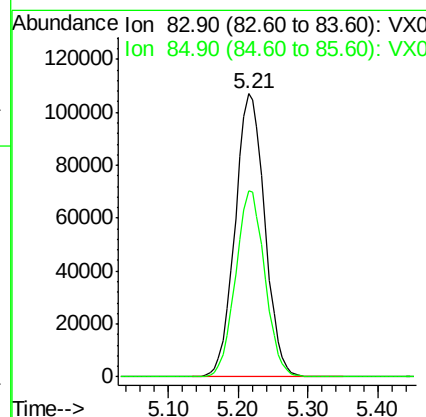
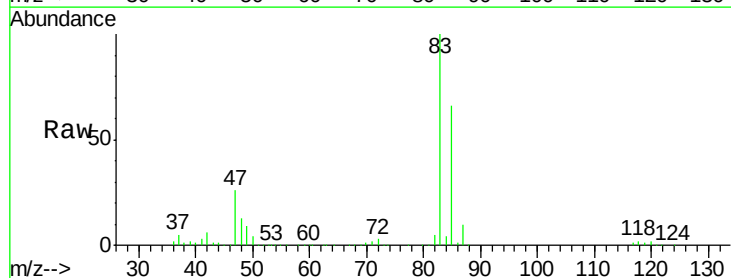
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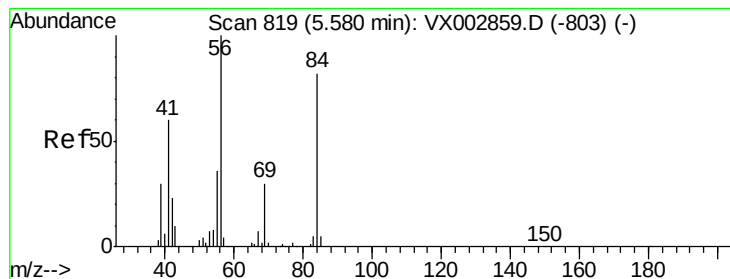
MMDadoda
6/28/2018 3:12:05 PM



#30
Chloroform
Concen: 50.54 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	65.6	50.4	75.6	





#31

Cyclohexane

Concen: 51.01 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

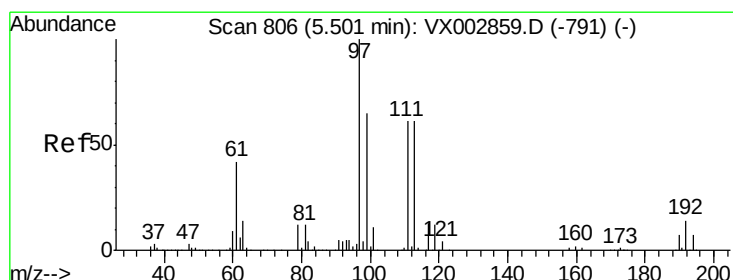
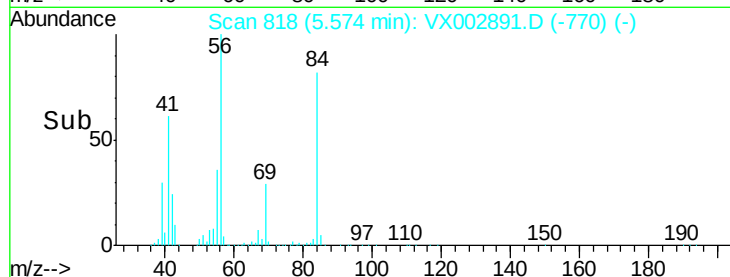
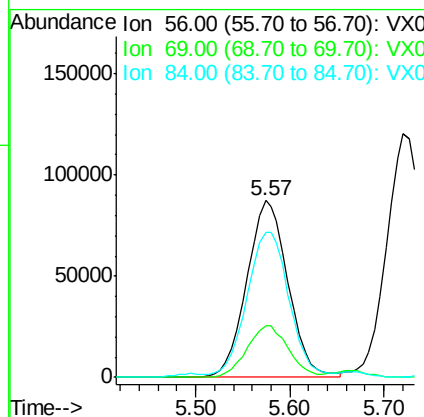
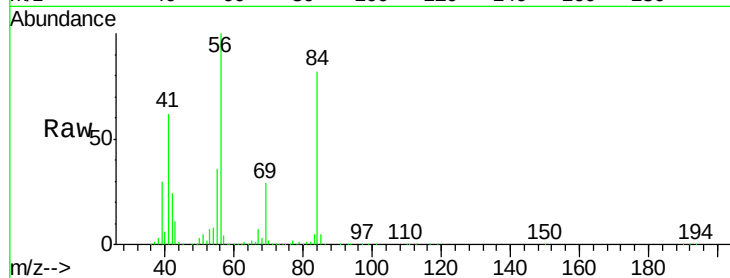
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	266378
Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.7	35.5
84	80.0	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 51.60 ug/l

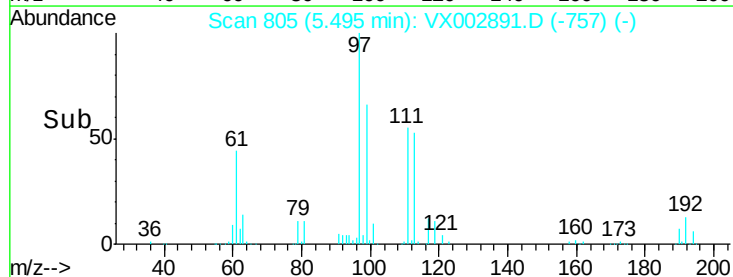
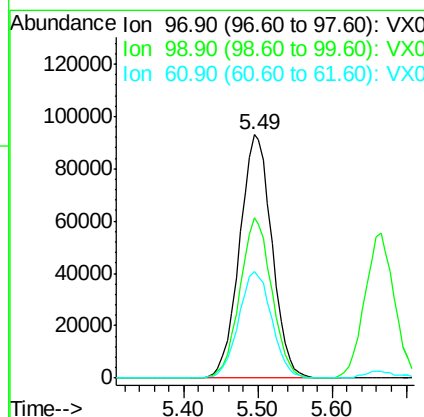
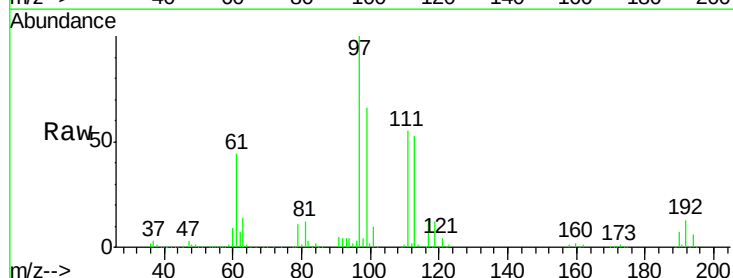
RT: 5.49 min Scan# 805

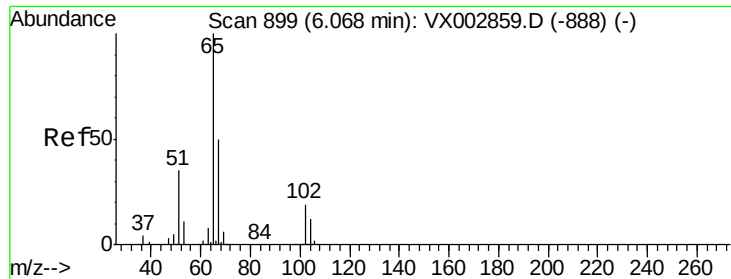
Delta R.T. -0.01 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Tgt Ion:	97	Resp:	283501
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.6	77.4
61	44.9	36.4	54.6





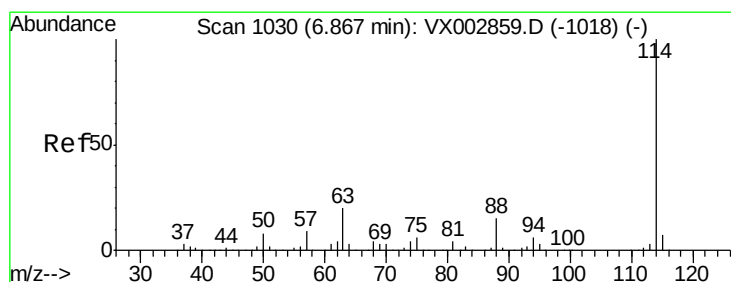
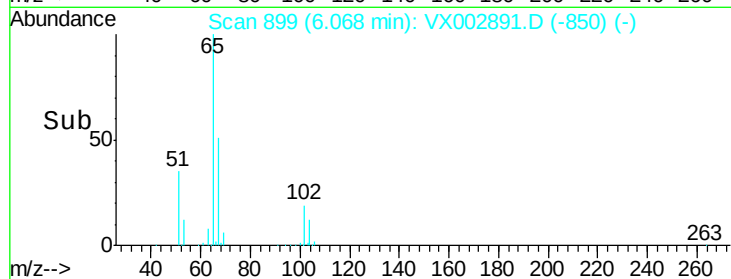
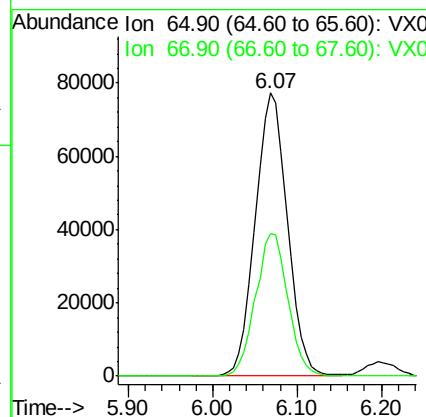
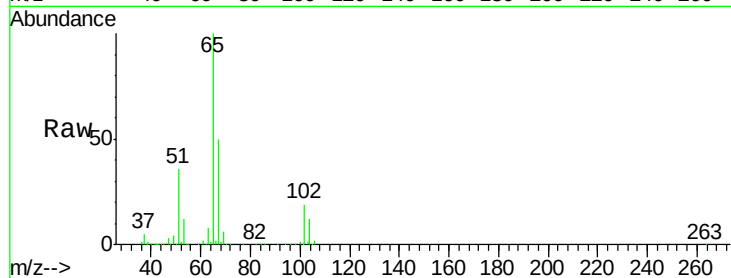
#33
 1,2-Dichloroethane-d4
 Concen: 48.32 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	102.6

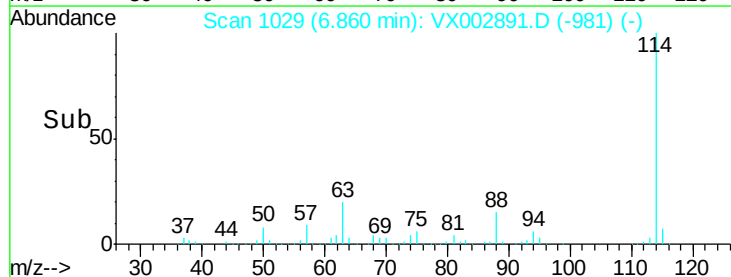
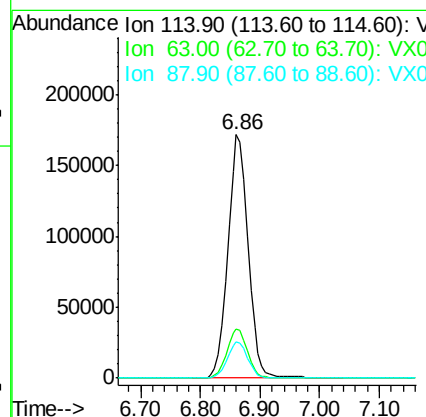
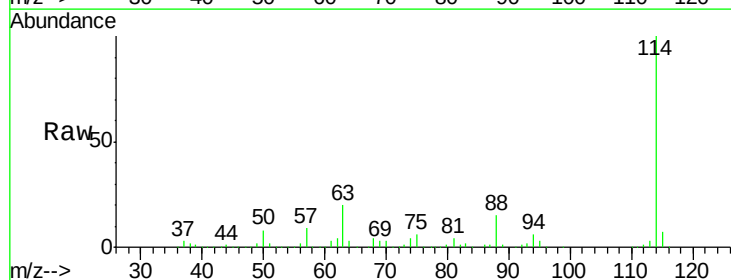
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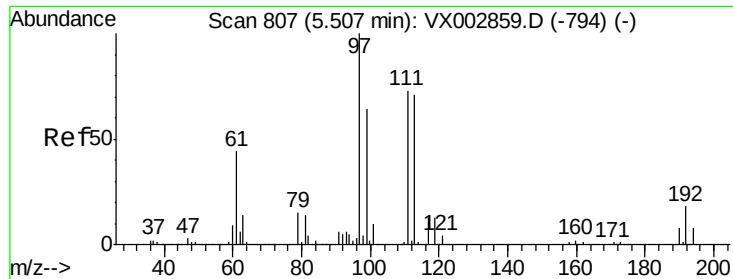
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.4
88	14.8	0.0	30.0





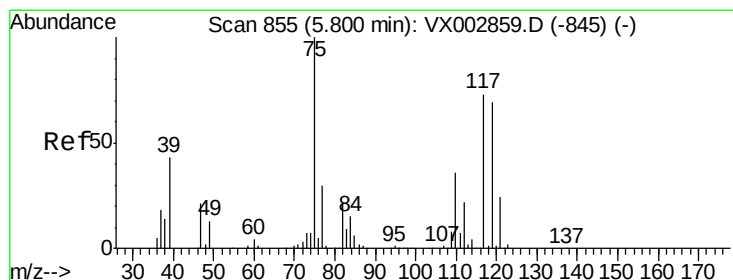
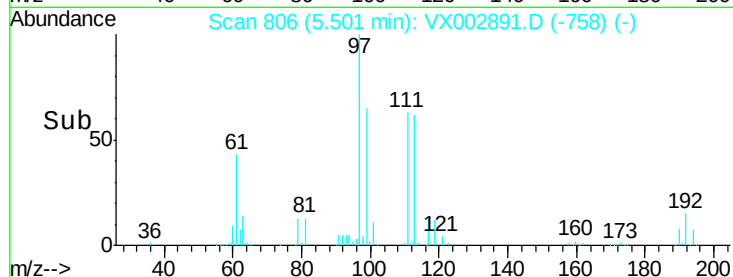
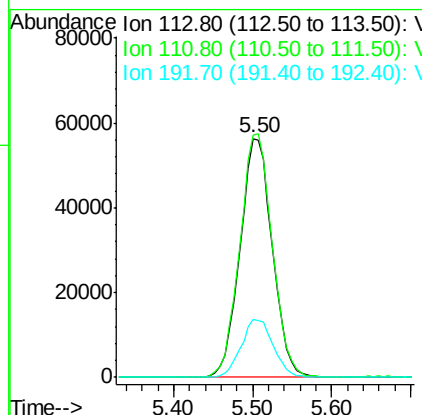
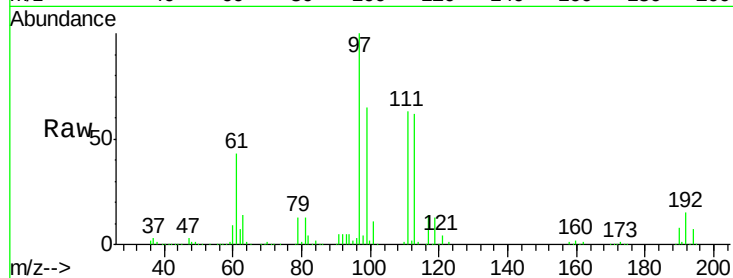
#35
 Dibromofluoromethane
 Concen: 49.86 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	160243		
111	102.6	81.4	122.0	
192	24.2	19.1	28.7	

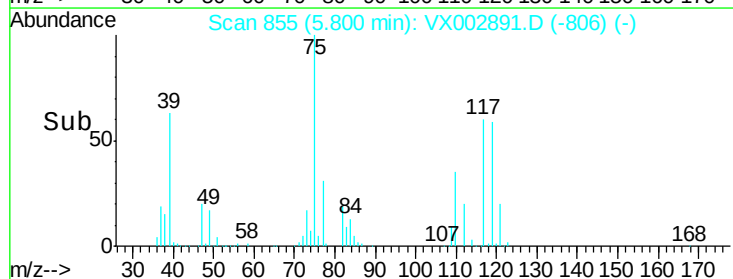
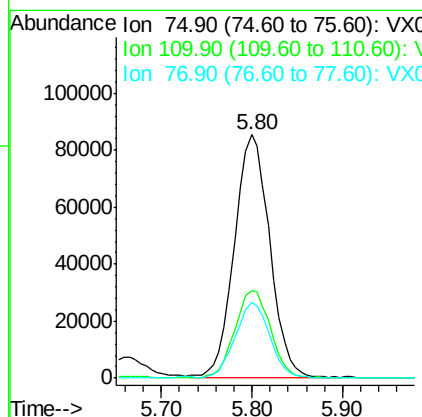
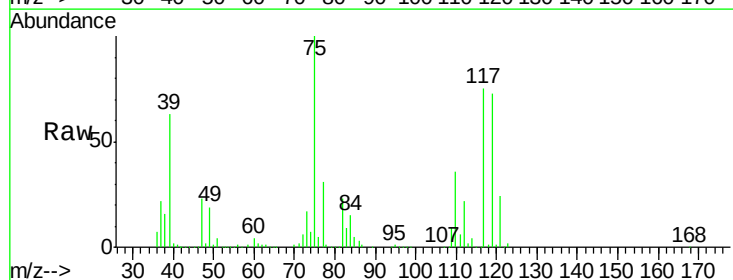
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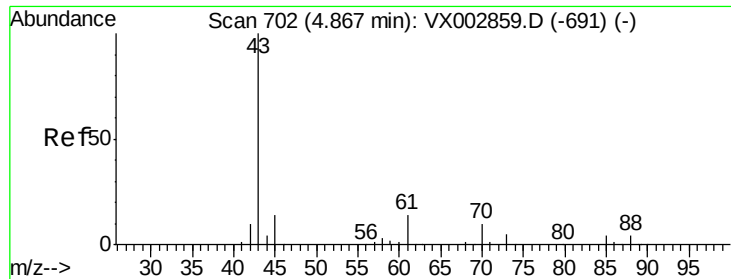
MMDadoda
 6/28/2018 3:12:05 PM



#36
 1,1-Dichloropropene
 Concen: 51.58 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	229534		
110	36.8	18.1	54.4	
77	30.5	24.3	36.5	





#37

Ethyl Acetate

Concen: 51.29 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.01 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

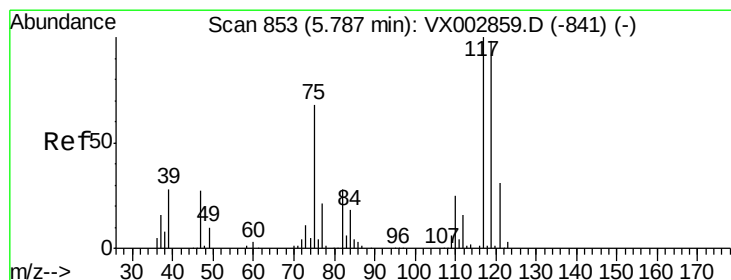
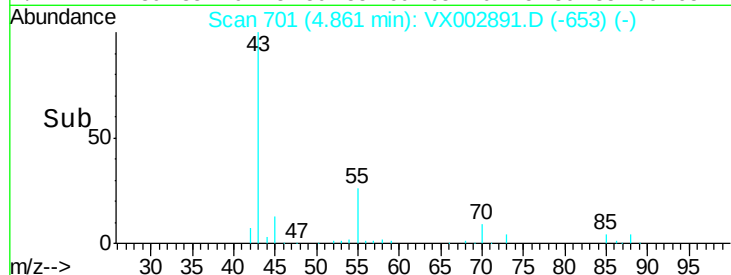
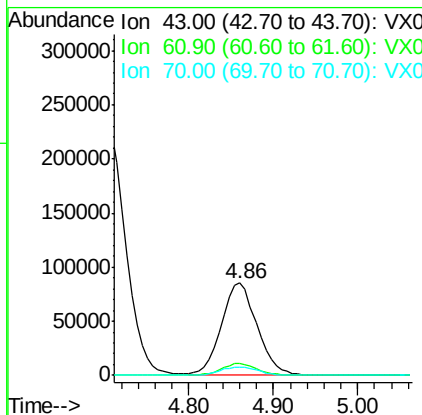
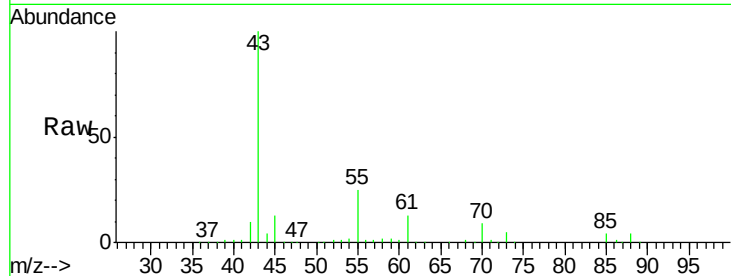
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	245754
Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.4	15.6
70	9.5	7.6	11.4

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 53.41 ug/l

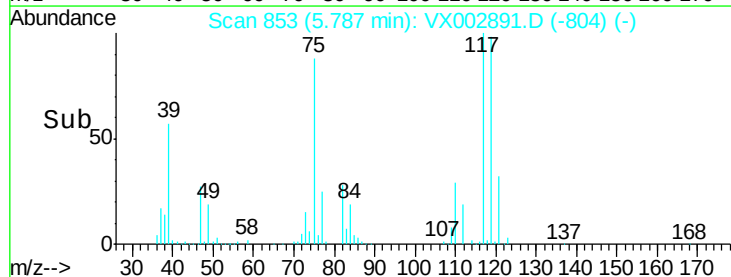
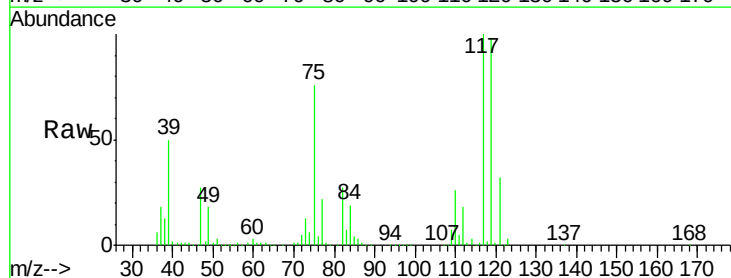
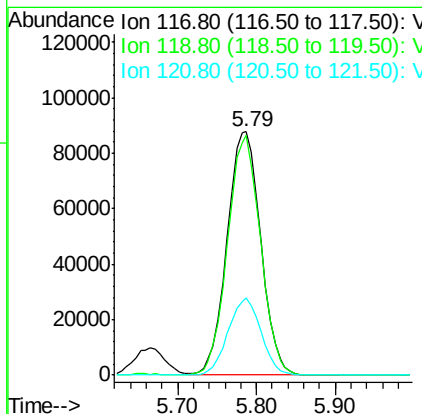
RT: 5.79 min Scan# 853

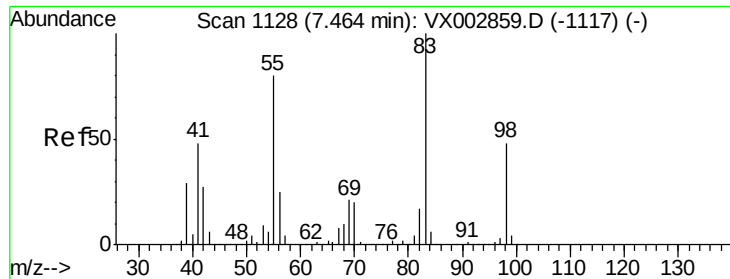
Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Tgt Ion:	117	Resp:	260804
Ion	Ratio	Lower	Upper
117	100		
119	98.4	77.4	116.0
121	31.5	24.4	36.6





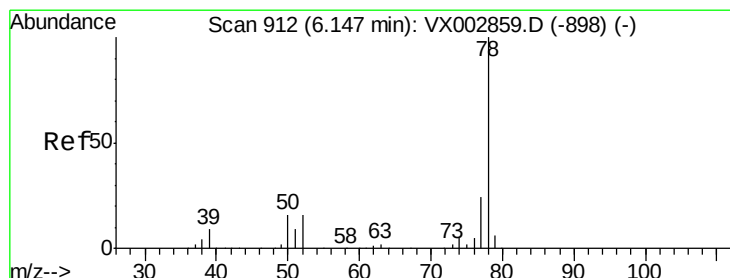
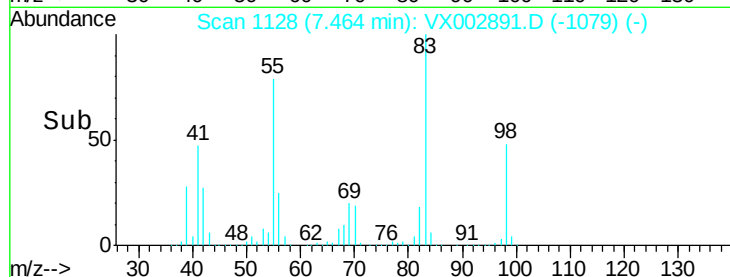
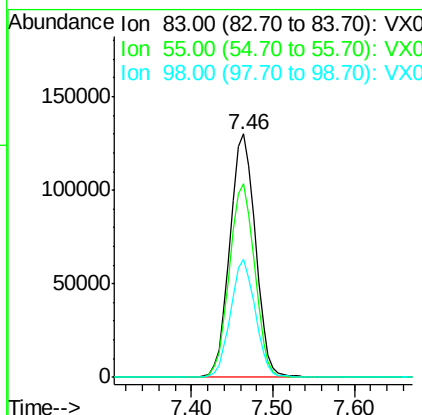
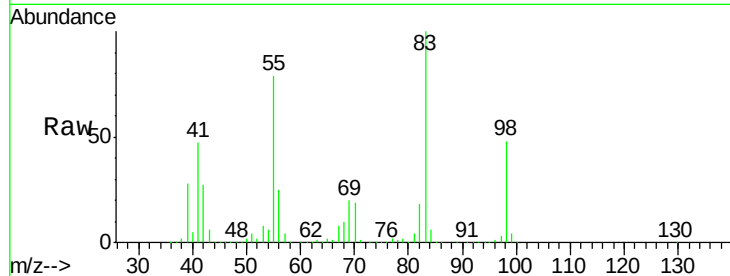
#39
Methylvlcyclohexane
Concen: 54.14 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	280617		
55	79.3		65.4	98.0
98	48.3		37.4	56.0

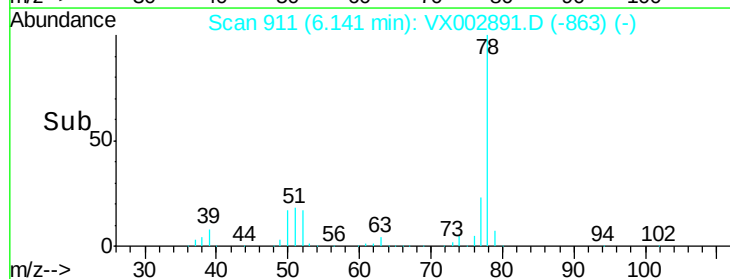
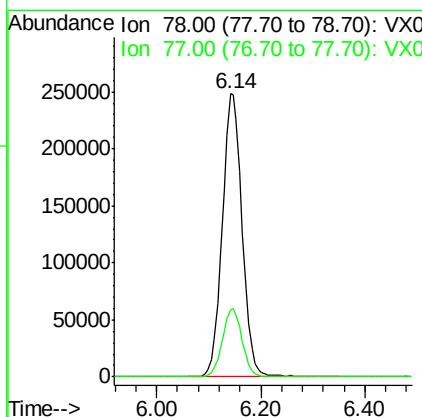
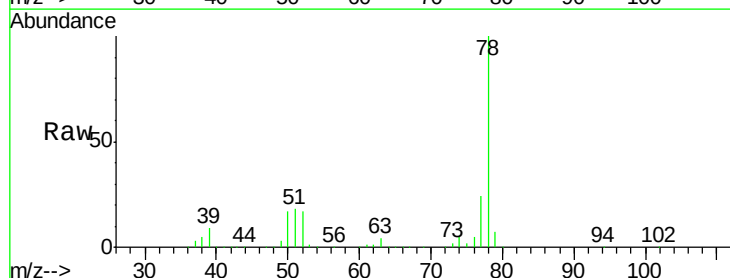
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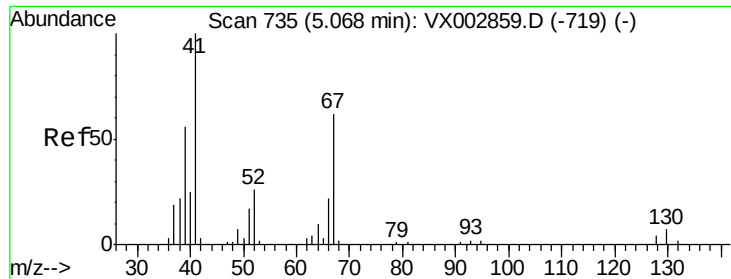
MMDadoda
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#40
Benzene
Concen: 51.53 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	666260		
77	23.6		19.1	28.7





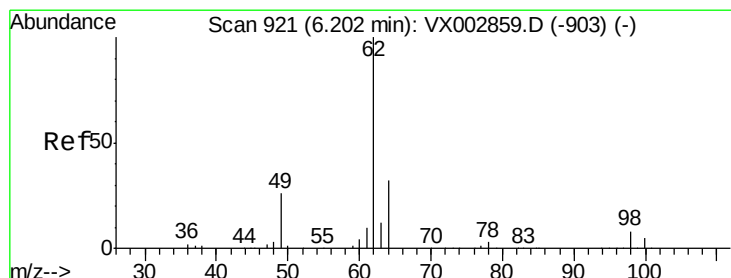
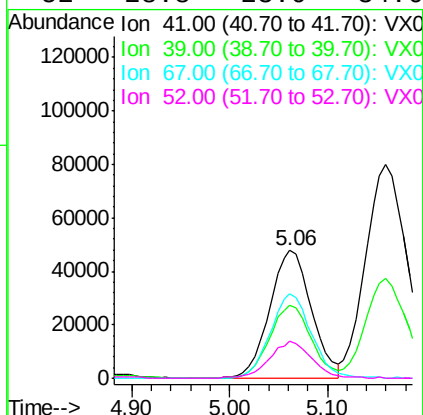
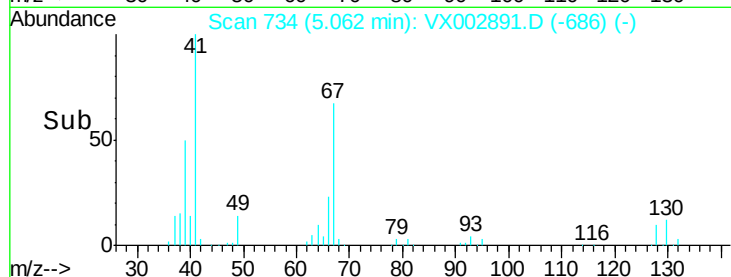
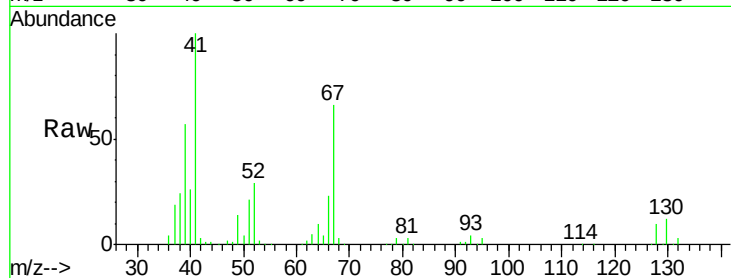
#41
Methacrylonitrile
Concen: 51.39 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.1	45.8	68.6	
67	65.6	51.3	76.9	
52	28.8	23.0	34.6	

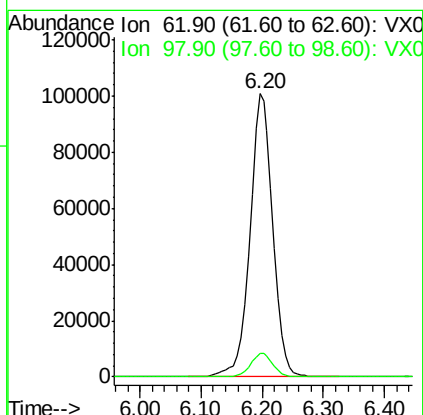
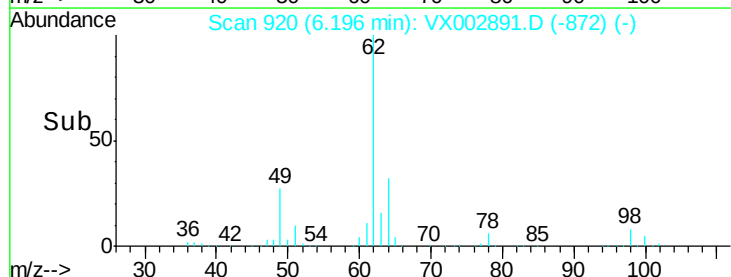
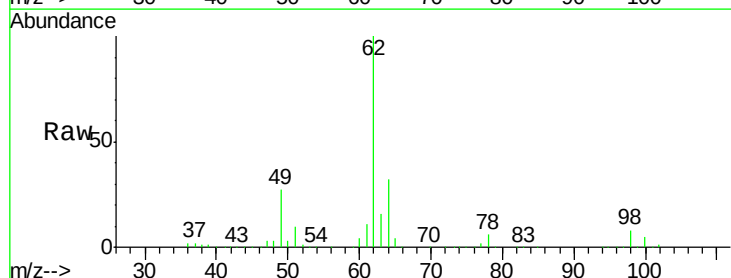
Manual Integrations
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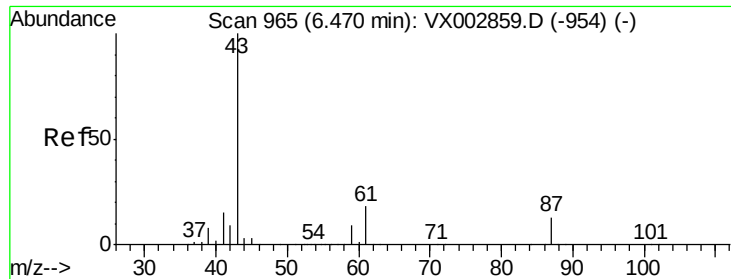
MMDadoda
6/28/2018 3:12:05 PM



#42
1,2-Dichloroethane
Concen: 50.09 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	16.6	





#43

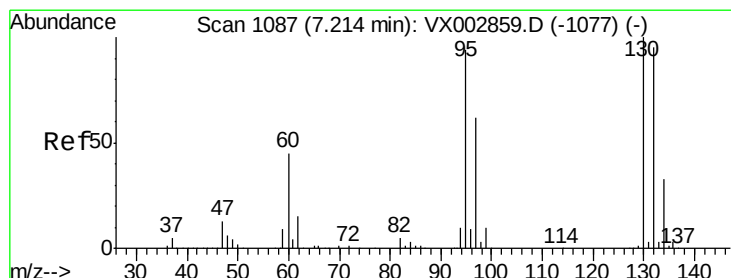
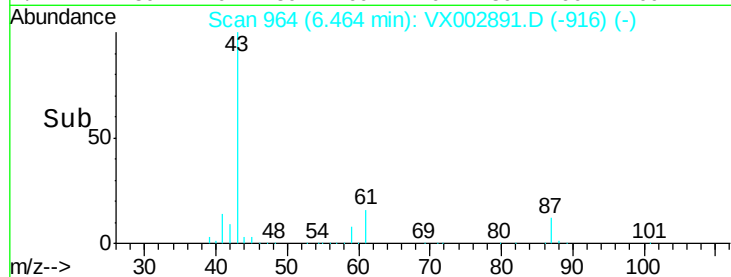
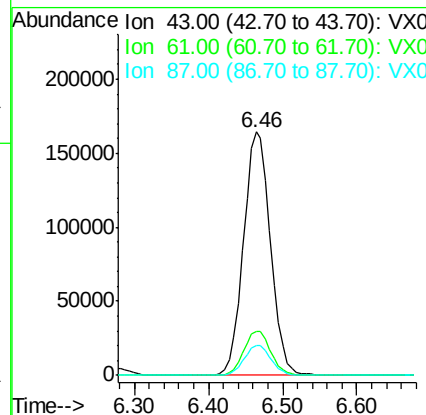
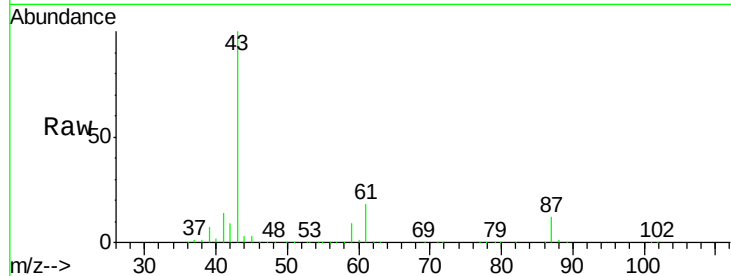
Isopropyl Acetate
 Concen: 51.61 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.4	21.6
87	12.4	9.5	14.3

Manual Integrations
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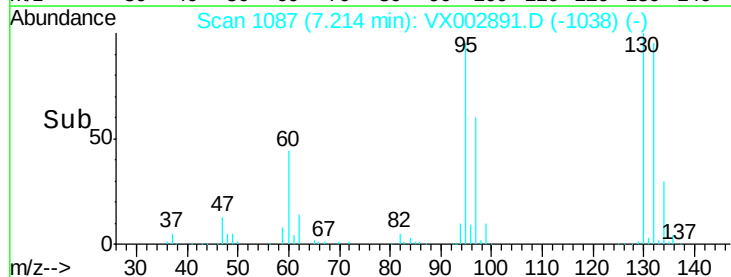
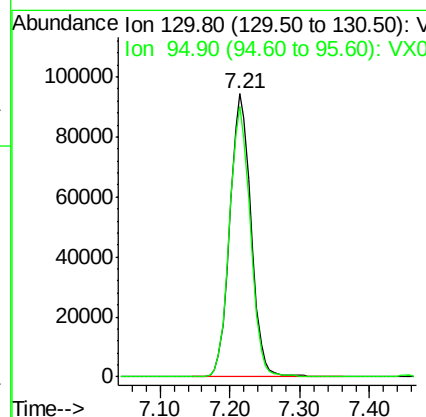
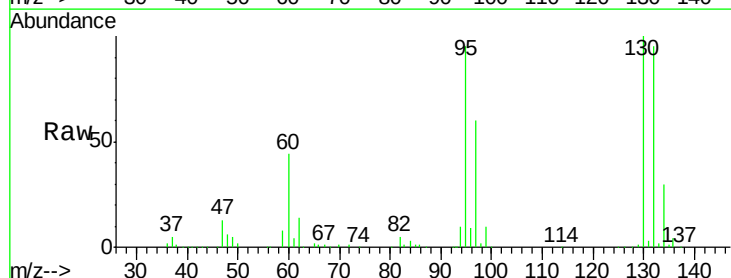
MMDadoda
 6/28/2018 3:12:05 PM

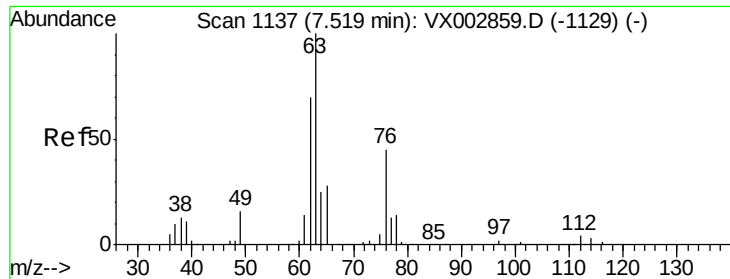


#44

Trichloroethene
 Concen: 51.42 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	185.4





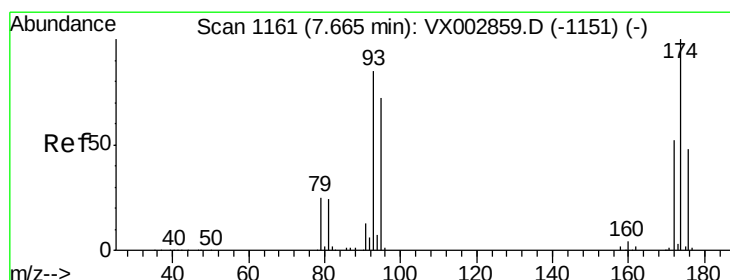
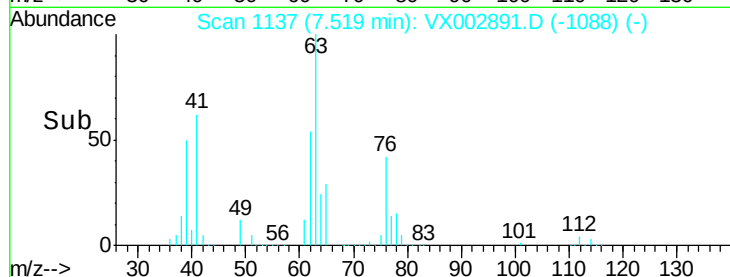
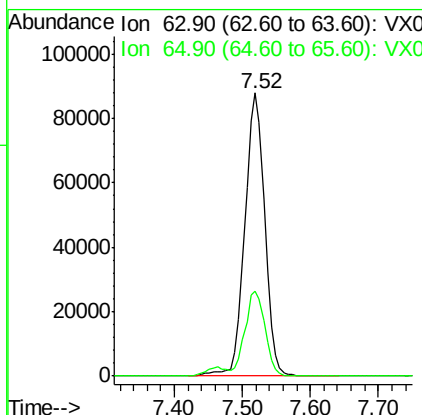
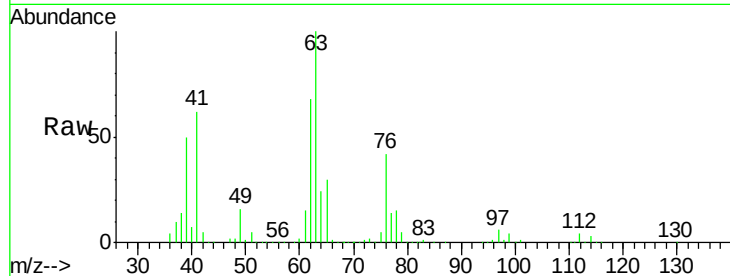
#45
 1,2-Dichloropropane
 Concen: 52.32 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 179439
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.7 37.1

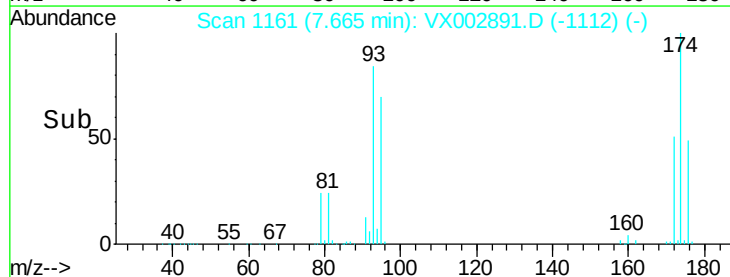
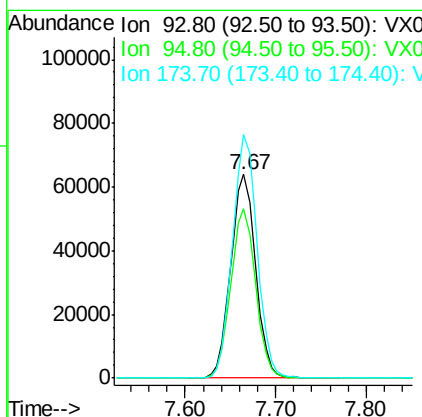
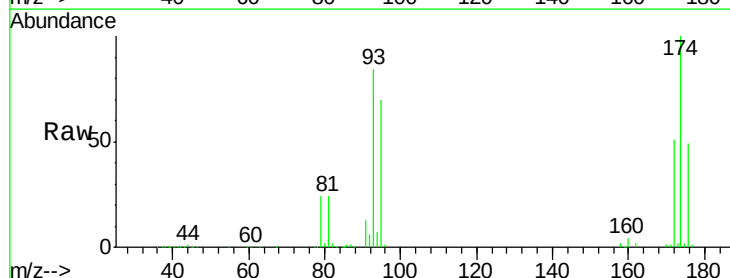
Manual Integrations
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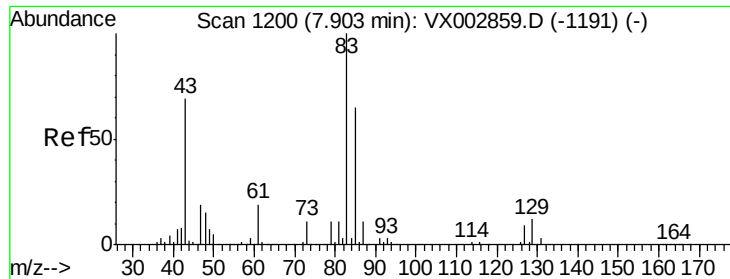
MMDadoda
 6/28/2018 3:12:05 PM



#46
 Dibromomethane
 Concen: 51.18 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Tgt Ion: 93 Resp: 121829
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.9 98.9
 174 118.5 92.4 138.6





#47

Bromodichloromethane

Concen: 55.33 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

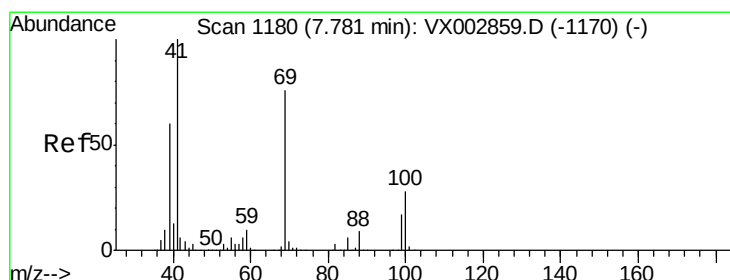
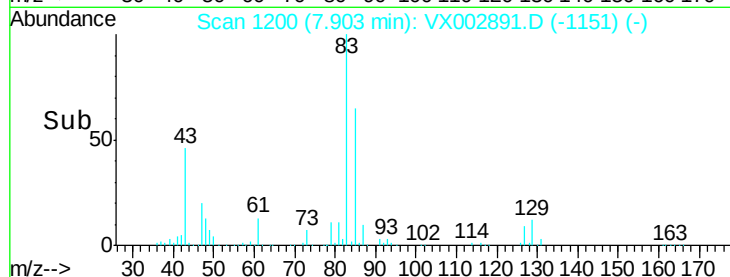
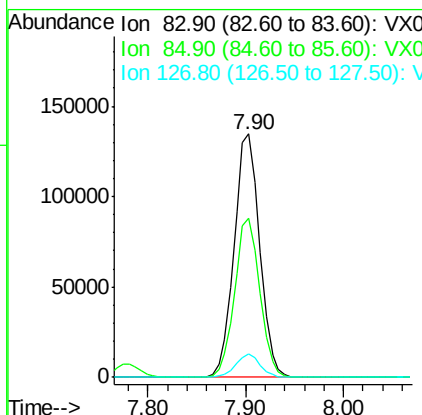
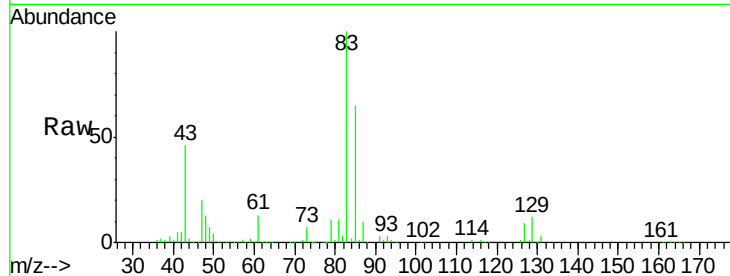
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	243492
Ion Ratio	Lower	Upper	
83	100		
85	65.2	50.3	75.5
127	9.4	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.48 ug/l

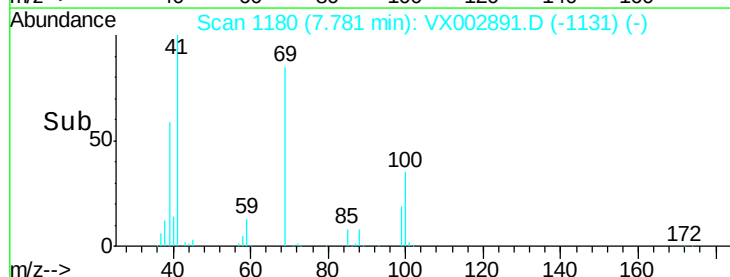
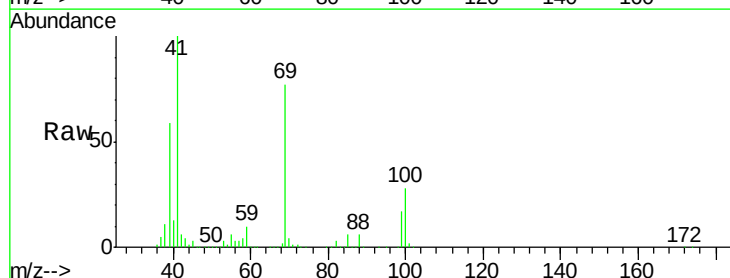
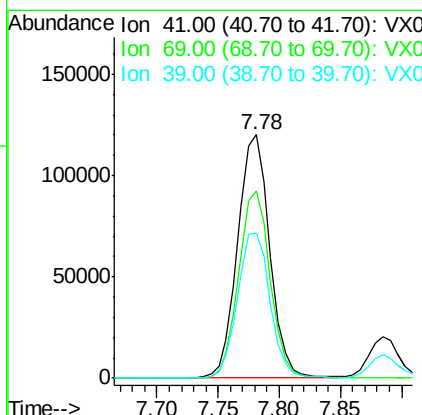
RT: 7.78 min Scan# 1180

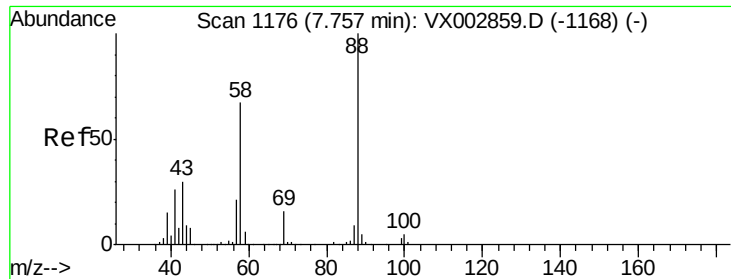
Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Tgt Ion:	41	Resp:	217282
Ion Ratio	Lower	Upper	
41	100		
69	76.7	59.1	88.7
39	60.6	48.9	73.3





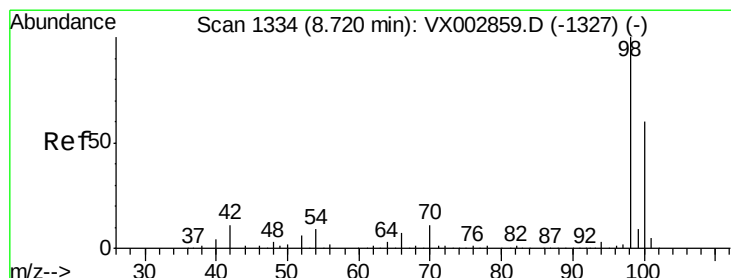
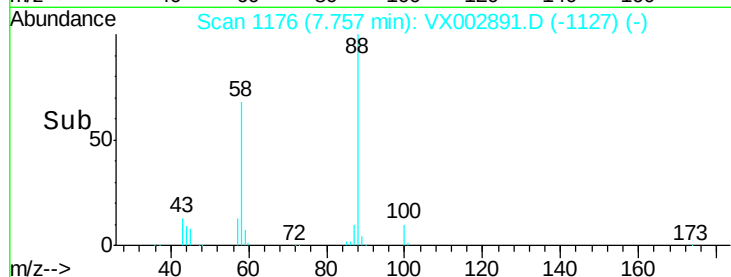
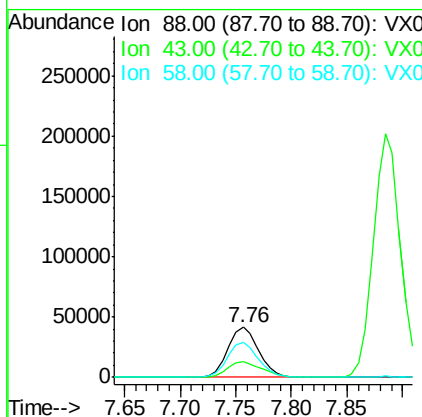
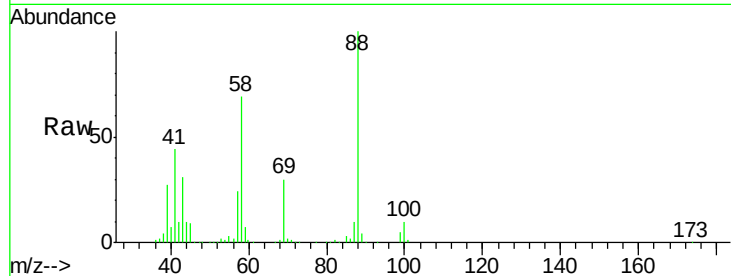
#49
1,4-Dioxane
Concen: 990.05 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.3	29.8	44.6
58	69.8	57.1	85.7

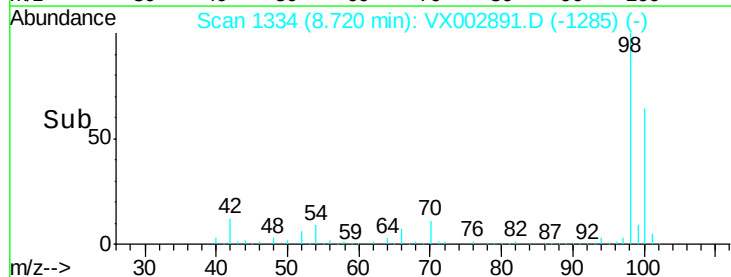
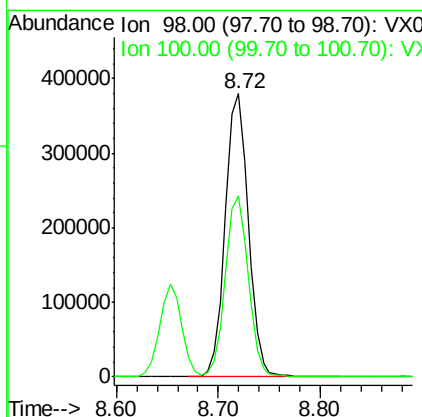
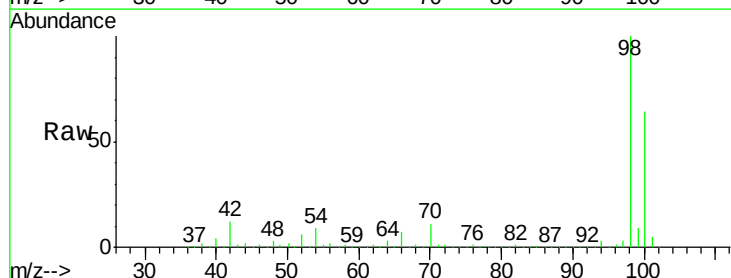
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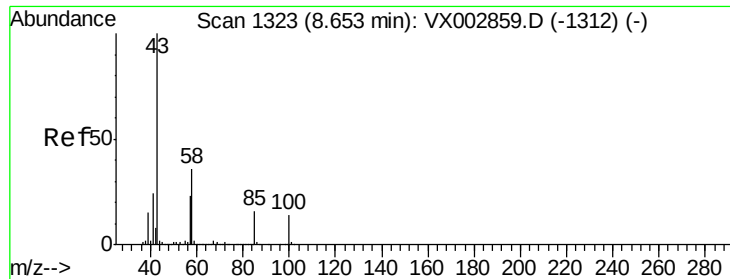
MMDadoda
6/28/2018 3:12:05 PM



#50
Toluene-d8
Concen: 50.79 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 264.67 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1330664

Ion Ratio Lower Upper

43 100

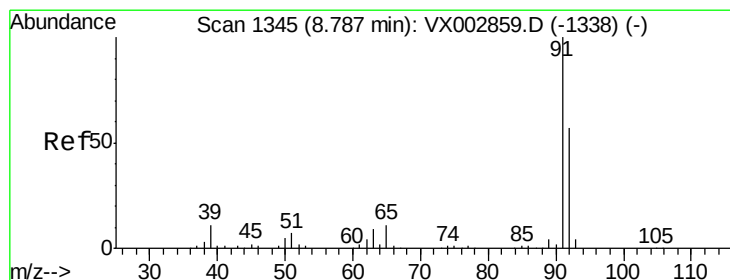
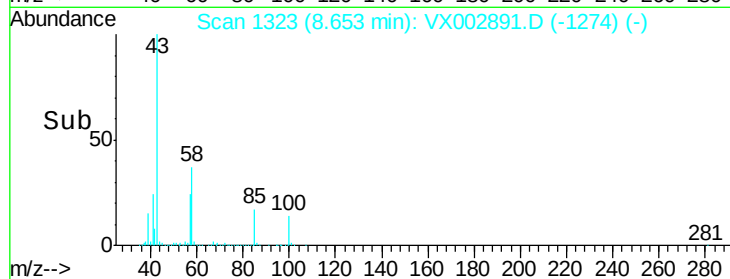
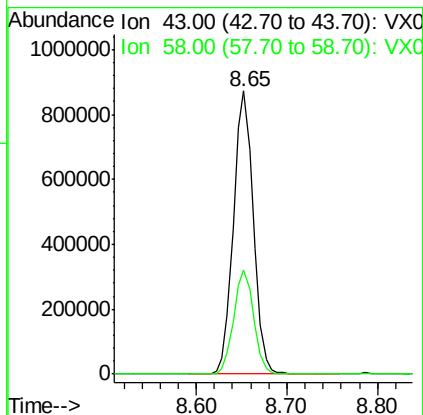
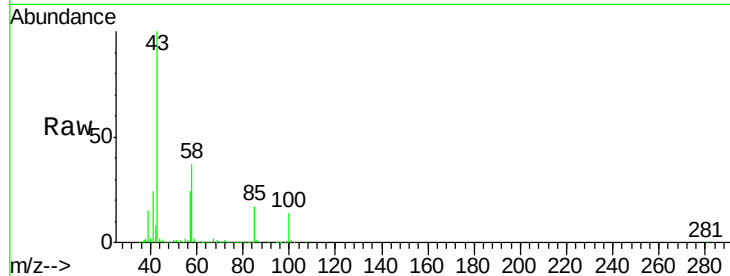
58 36.6 28.6 42.8

Manual Integrations

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#52

Toluene

Concen: 52.78 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002891.D

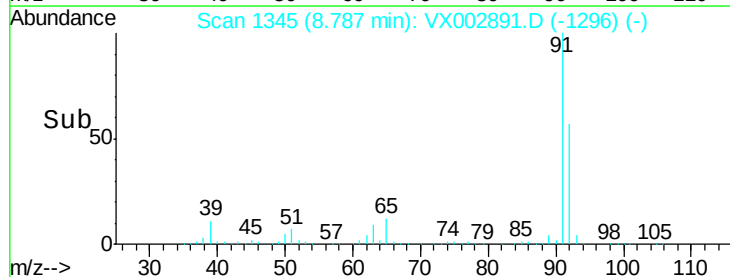
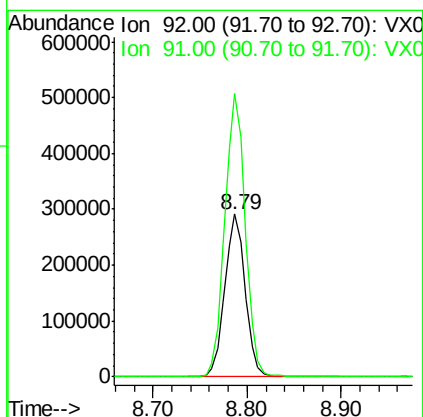
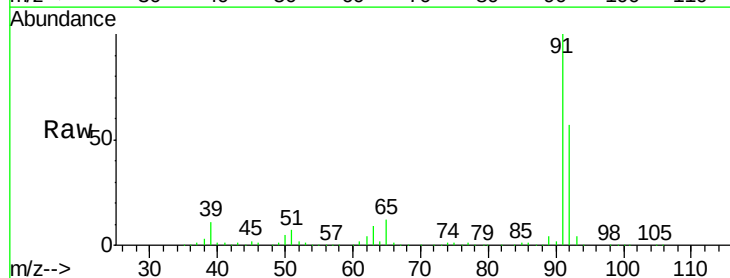
Acq: 26 Jun 2018 11:12

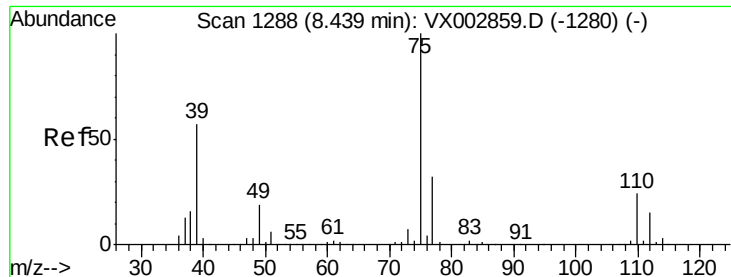
Tgt Ion: 92 Resp: 437175

Ion Ratio Lower Upper

92 100

91 175.1 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 56.08 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Tot Ion: 75 Resp: 279455

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

Instrument :

MSVOA_X

ClientSampleId :

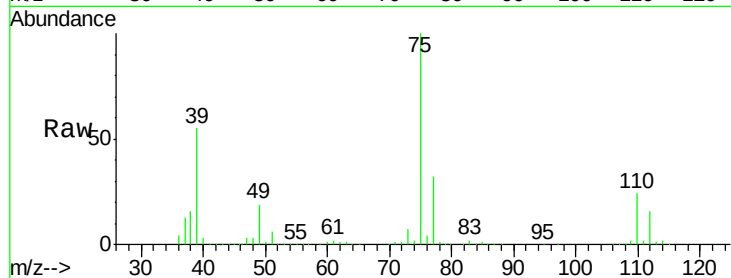
VSTDCCC050

Manual Integrations

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6/28/2018 3:12:05 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

200000

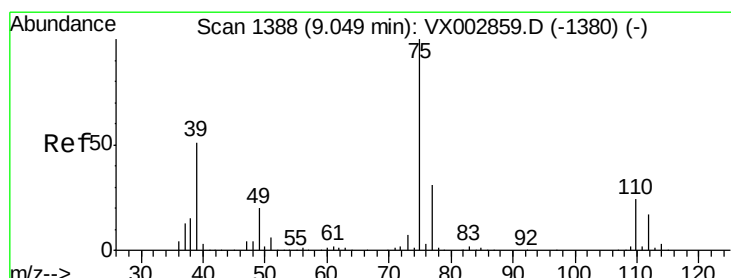
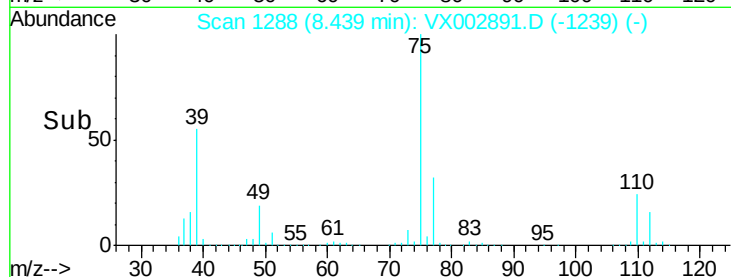
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 55.10 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

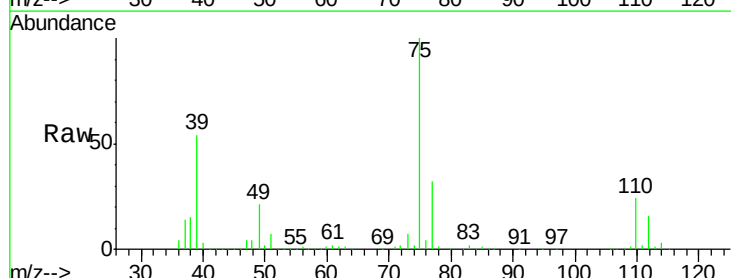
Tgt Ion: 75 Resp: 264199

Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

39 53.6 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

9.04

250000

200000

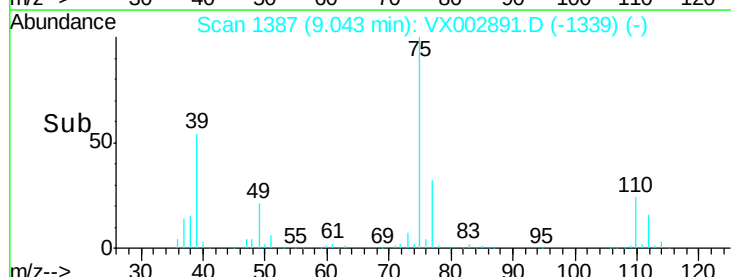
150000

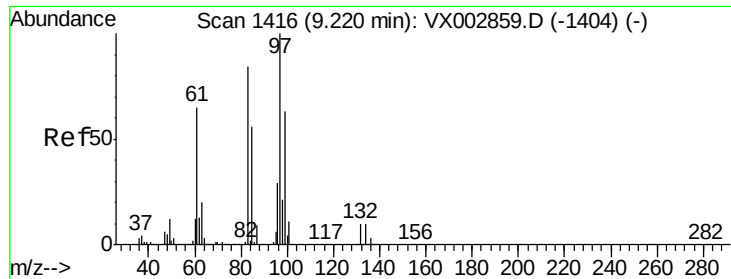
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 52.49 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

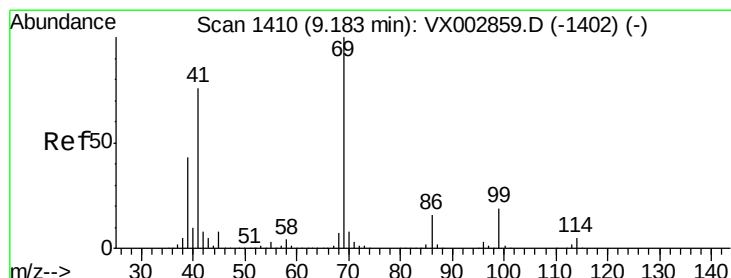
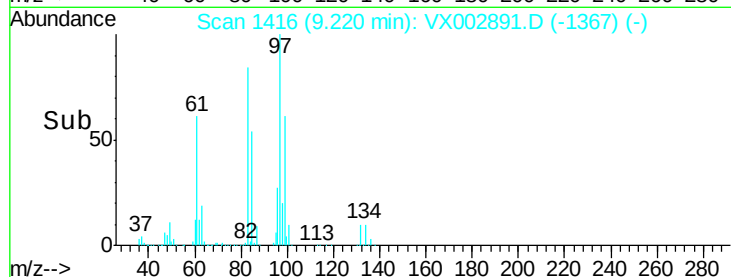
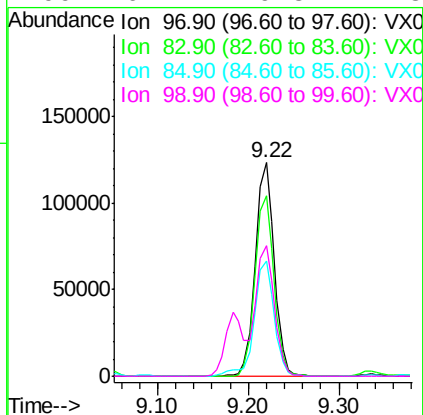
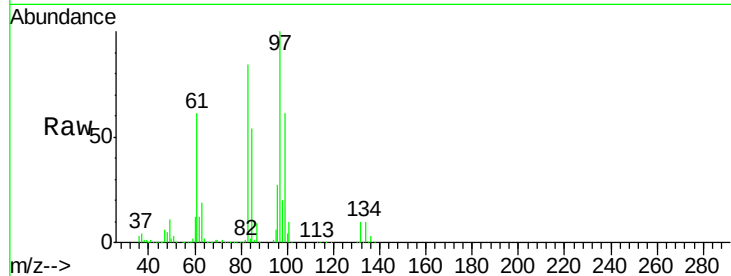
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	178659
Ion	Ratio	Lower	Upper
97	100		
83	84.5	70.2	105.2
85	53.7	44.9	67.3
99	61.4	49.8	74.8

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#56

Ethyl methacrylate

Concen: 53.55 ug/l

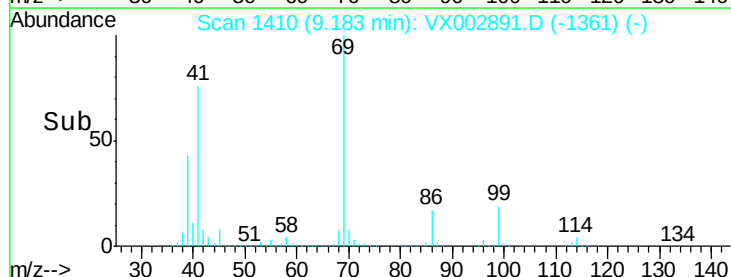
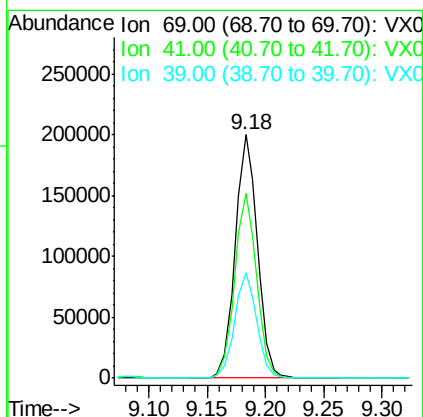
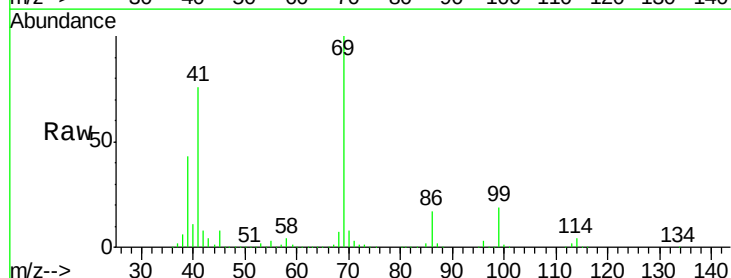
RT: 9.18 min Scan# 1410

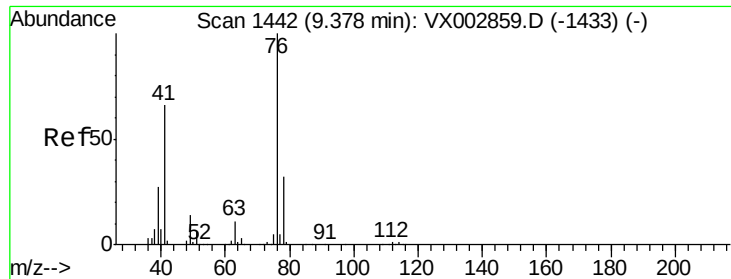
Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Tgt Ion:	69	Resp:	266376
Ion	Ratio	Lower	Upper
69	100		
41	75.1	60.3	90.5
39	43.0	35.8	53.8





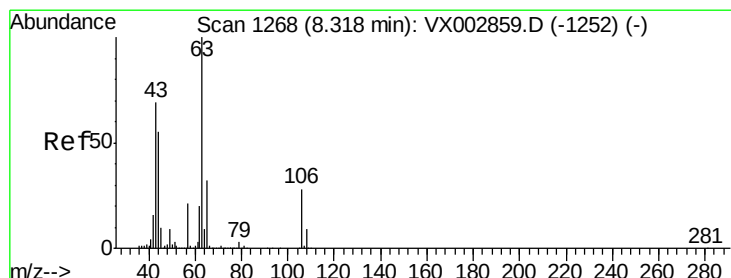
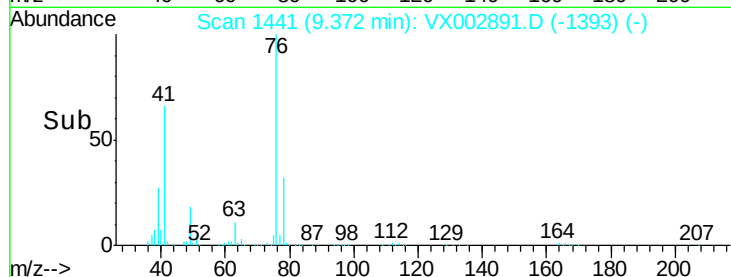
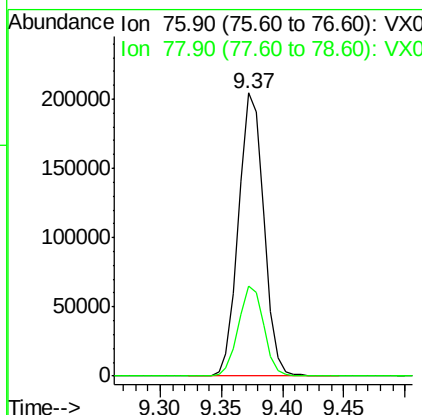
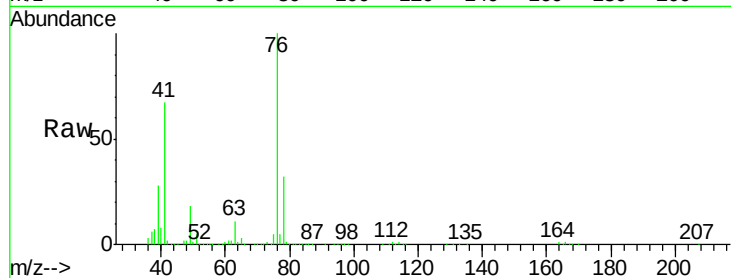
#57
 1,3-Dichloropropane
 Concen: 52.22 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.6

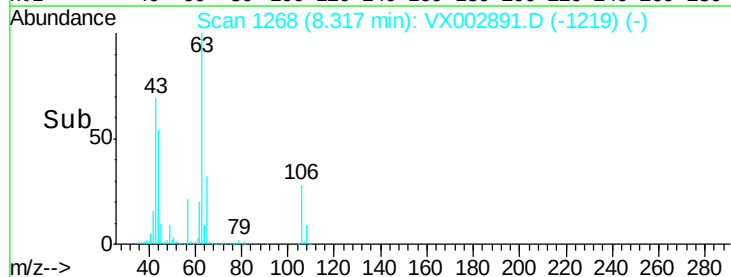
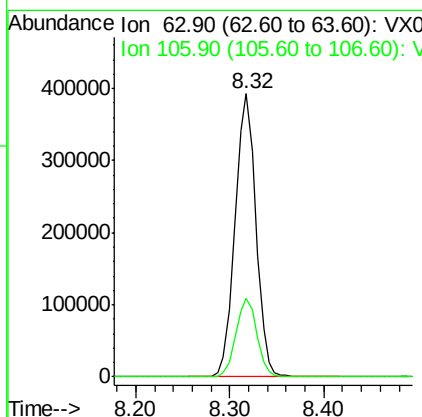
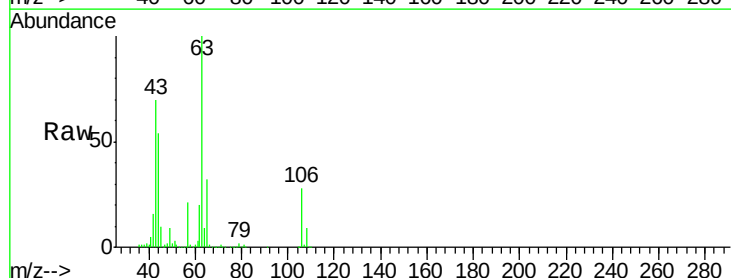
Manual Integrations
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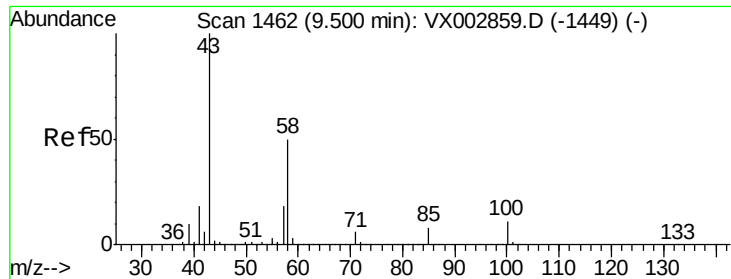
MMDadoda
 6/28/2018 3:12:05 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 251.11 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.0	21.8	32.8





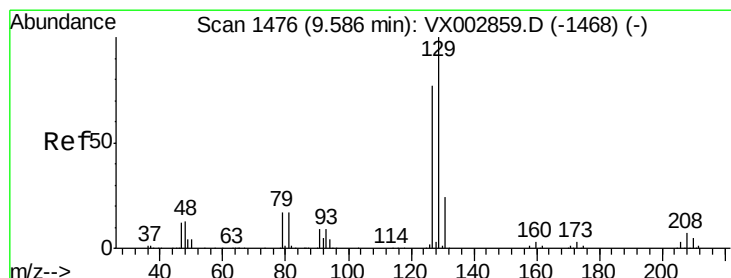
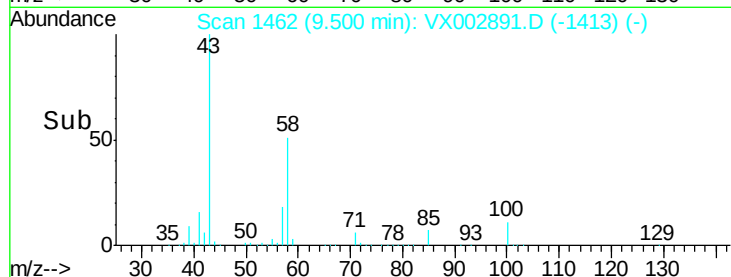
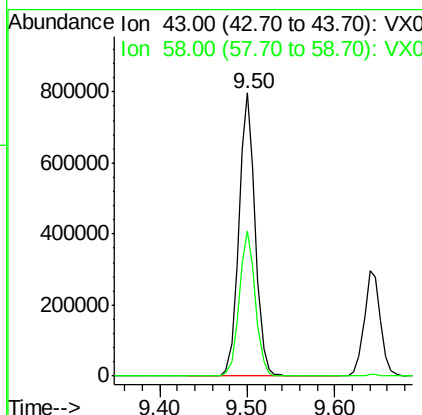
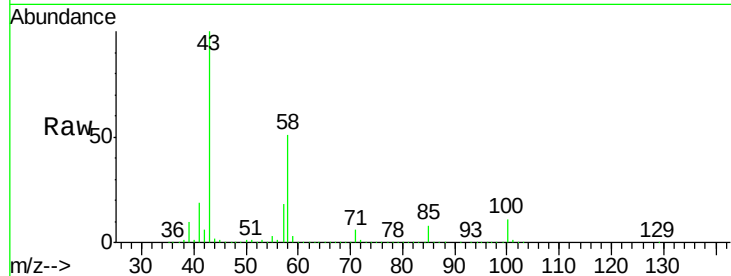
#59
2-Hexanone
Concen: 271.82 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1038658
Ion Ratio Lower Upper
43 100
58 50.8 24.6 73.6

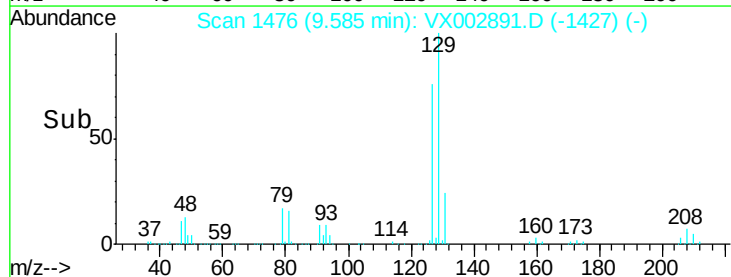
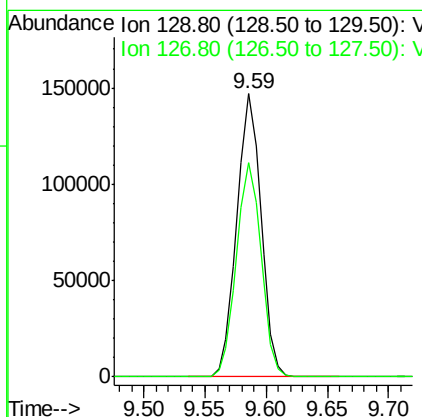
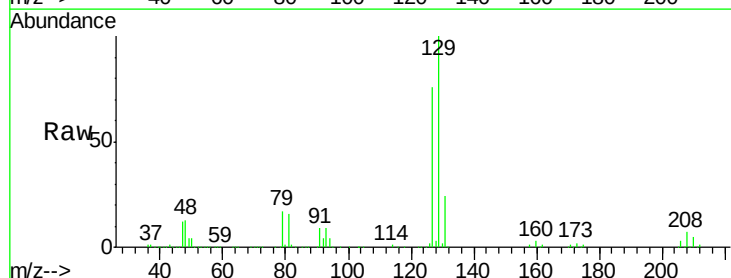
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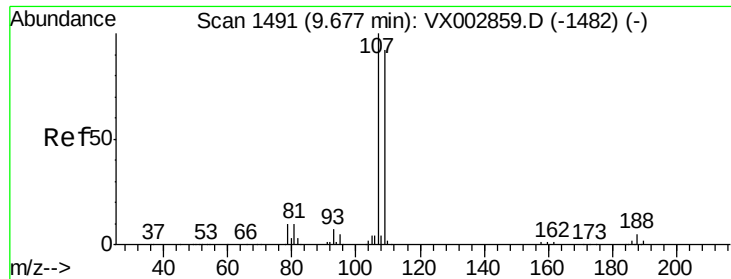
MMDadoda
6/28/2018 3:12:05 PM



#60
Dibromochloromethane
Concen: 56.47 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Tgt Ion: 129 Resp: 202351
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 53.36 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 190495

Ion Ratio Lower Upper

107 100

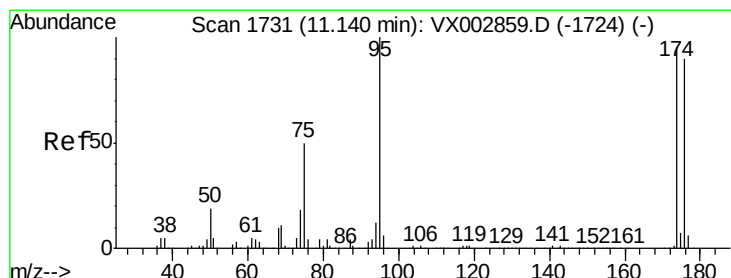
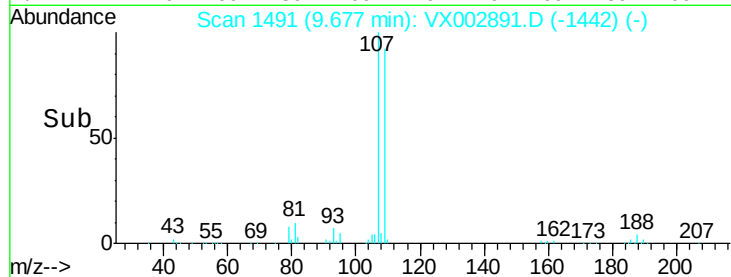
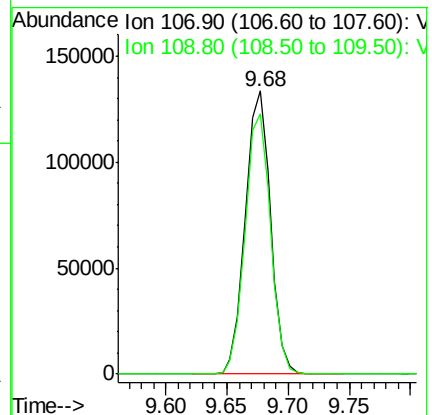
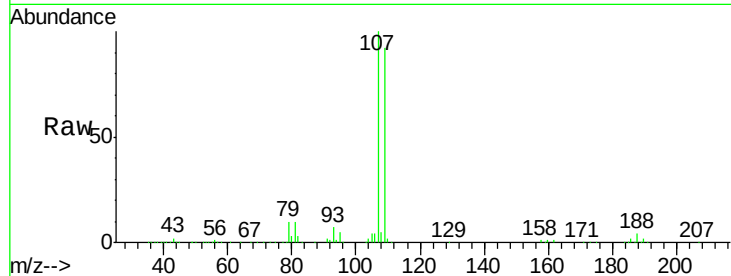
109 93.1 75.3 112.9

Manual Integrations

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6/28/2018 3:12:05 PM



#62

4-Bromofluorobenzene

Concen: 51.53 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

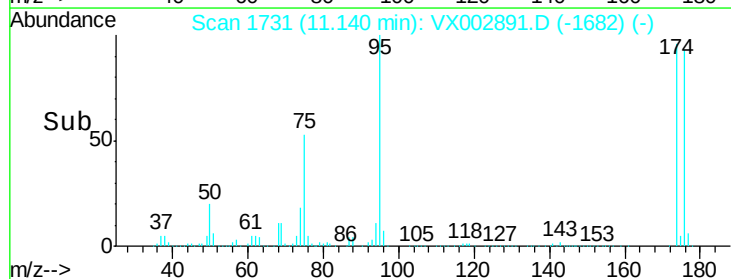
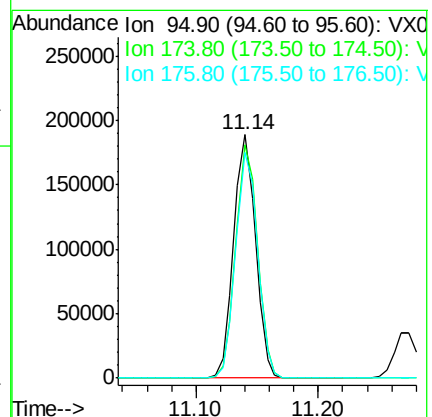
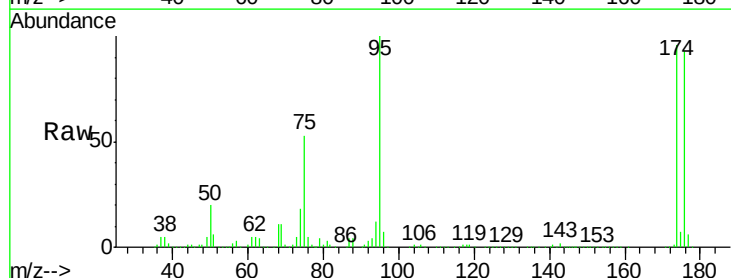
Tgt Ion: 95 Resp: 233190

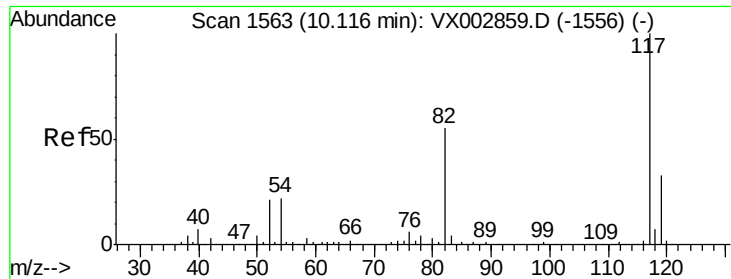
Ion Ratio Lower Upper

95 100

174 96.0 0.0 187.4

176 93.4 0.0 181.0





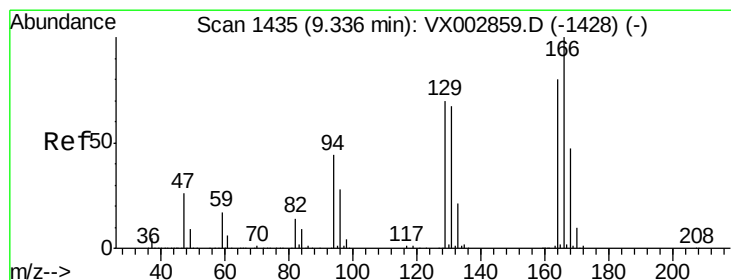
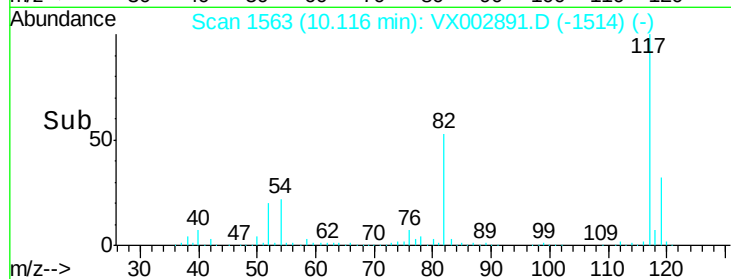
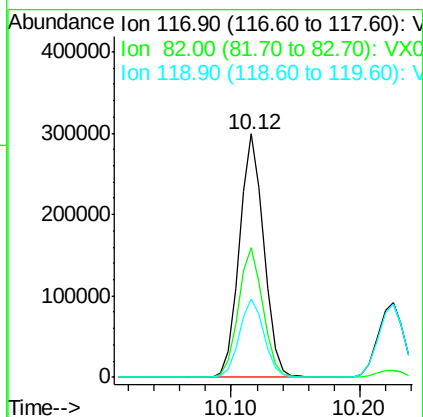
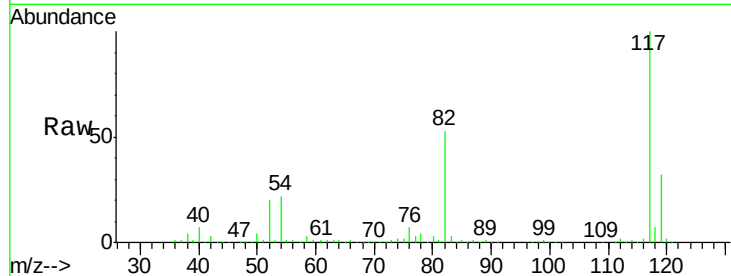
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	45.0	67.4
119	32.4	25.8	38.6

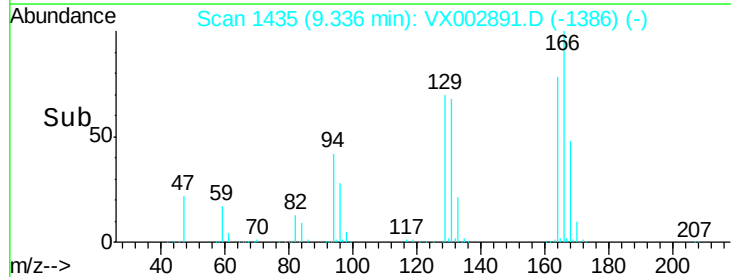
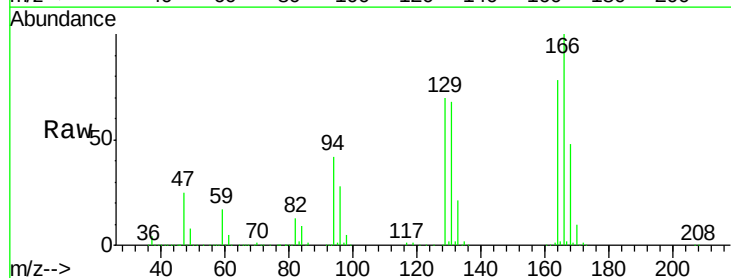
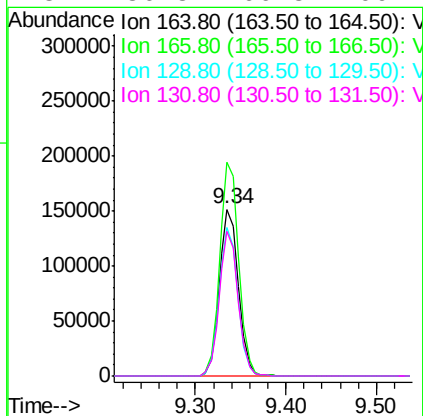
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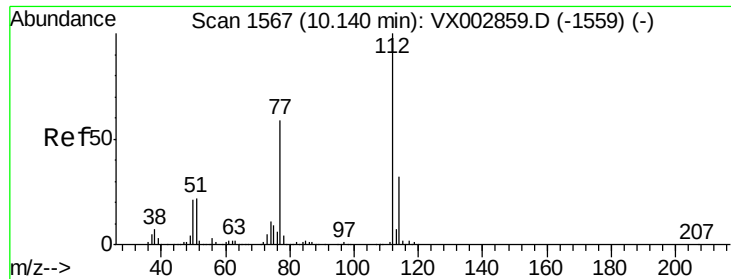
MMDadoda
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#64
Tetrachloroethene
Concen: 50.86 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	102.9	154.3
129	89.2	68.6	102.8
131	86.8	66.8	100.2





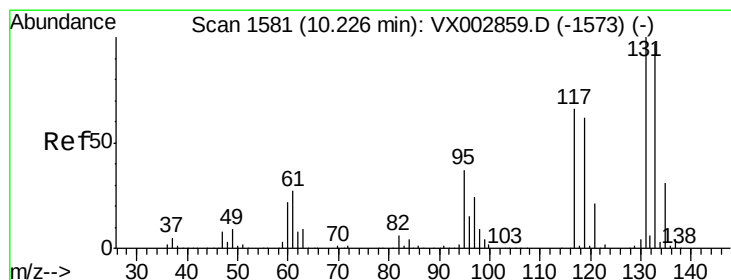
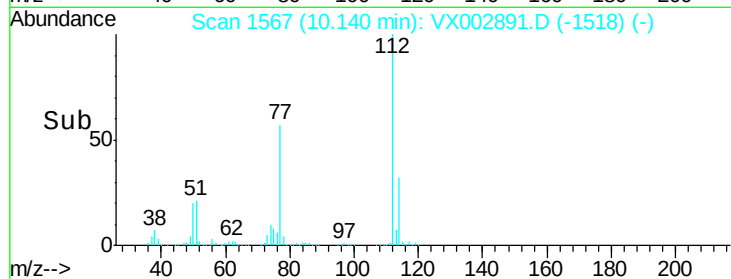
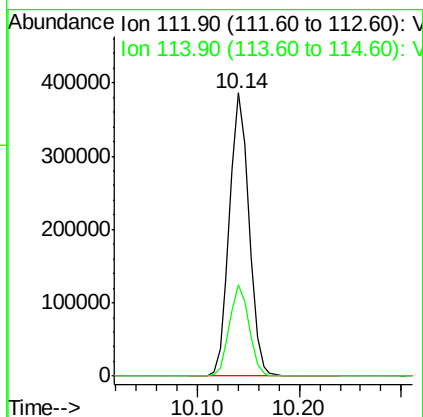
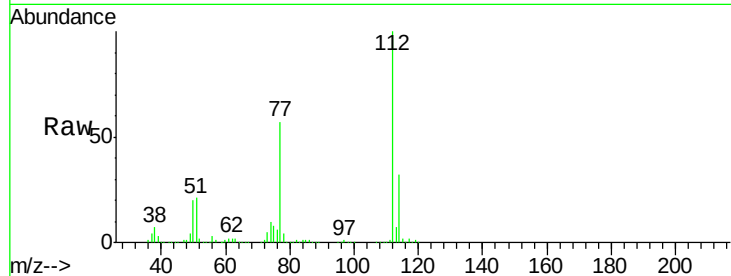
#65
Chlorobenzene
Concen: 51.58 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.3	37.9

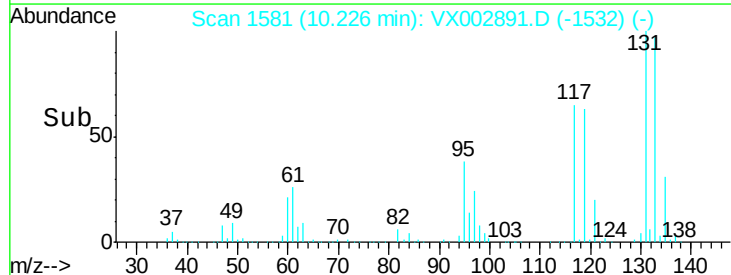
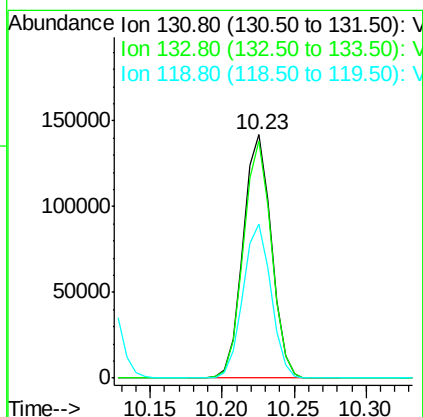
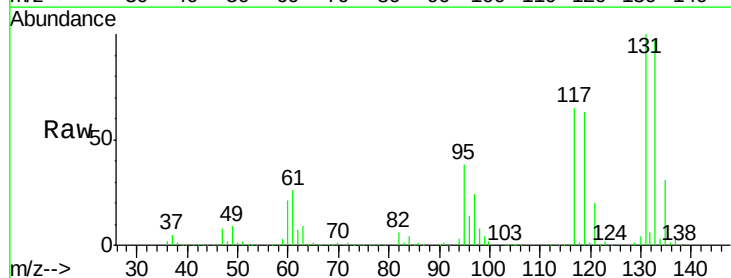
Manual Integrations
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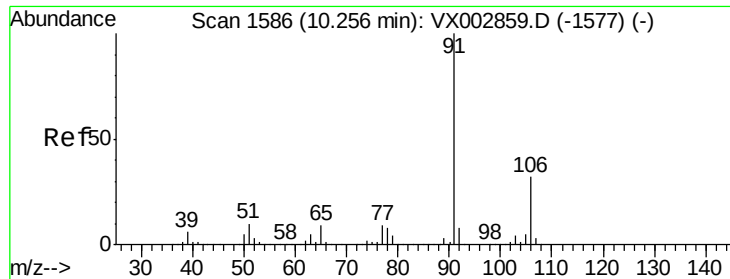
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6/28/2018 3:12:05 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 53.47 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.9	143.6
119	63.0	31.8	95.3





#67

Ethyl Benzene

Concen: 53.55 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 877057

Ion Ratio Lower Upper

91 100

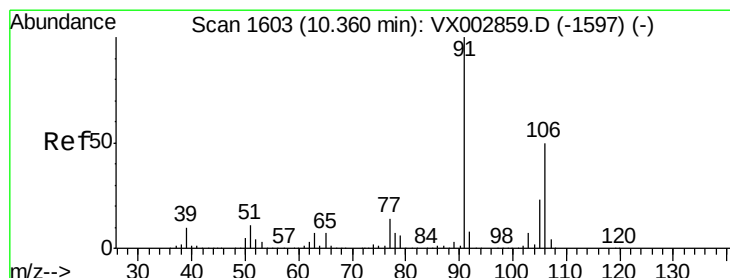
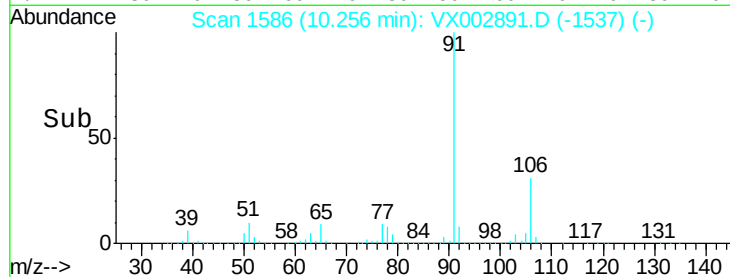
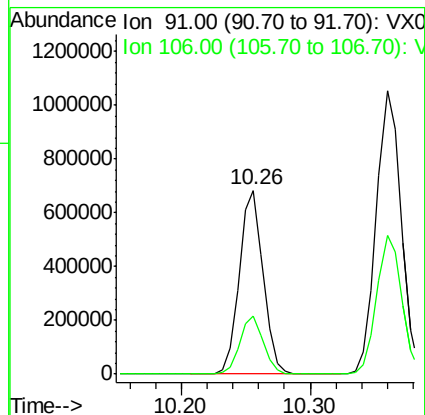
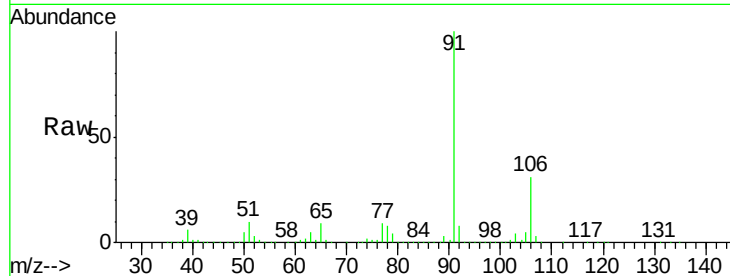
106 31.3 25.5 38.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 108.57 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX002891.D

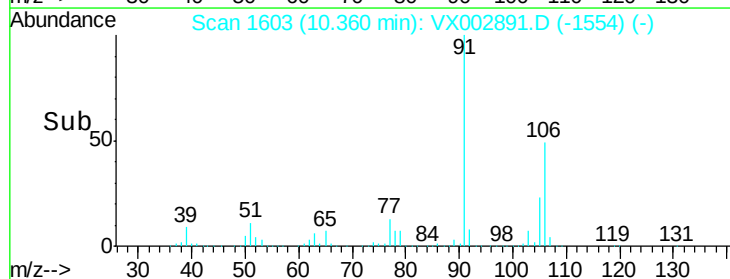
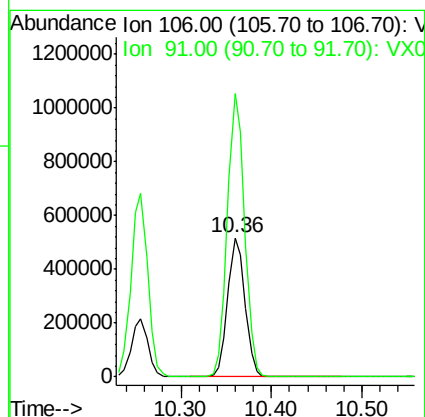
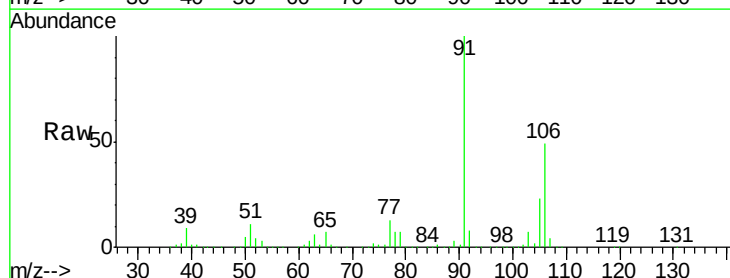
Acq: 26 Jun 2018 11:12

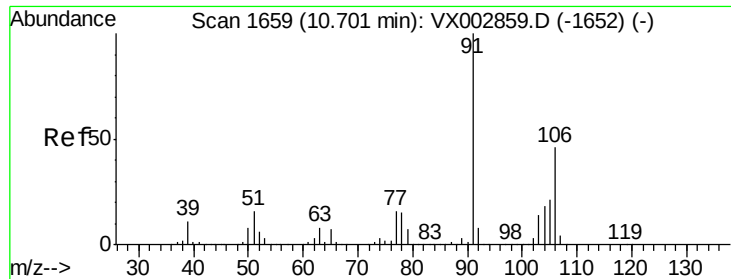
Tgt Ion: 106 Resp: 685297

Ion Ratio Lower Upper

106 100

91 203.7 163.4 245.2





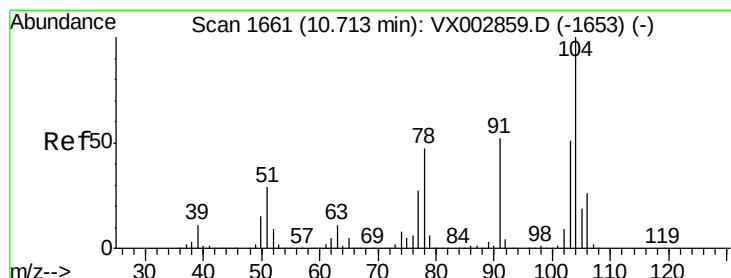
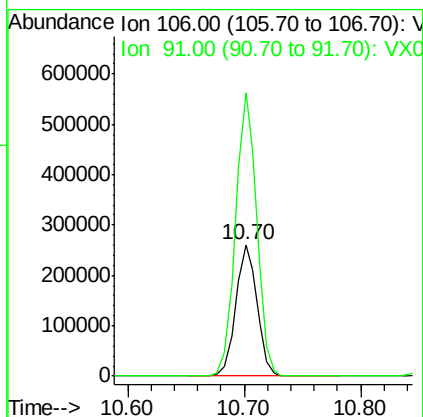
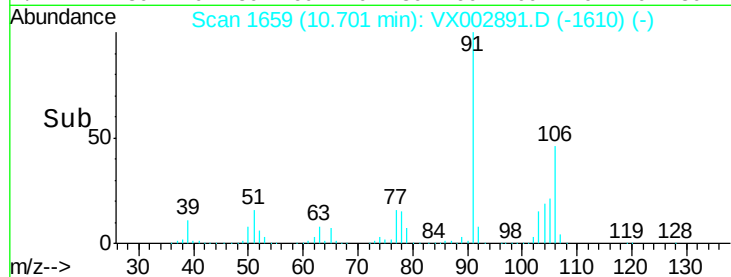
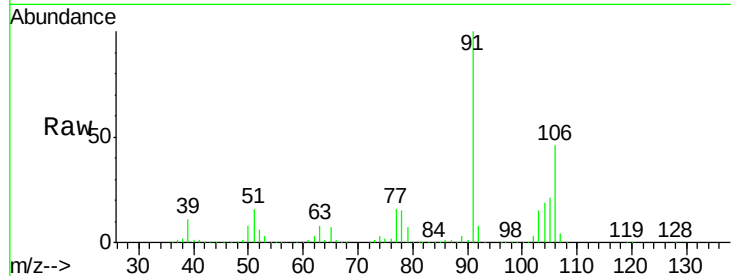
#69
o-Xylene
Concen: 53.90 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 331283
Ion Ratio Lower Upper
106 100
91 215.3 108.2 324.6

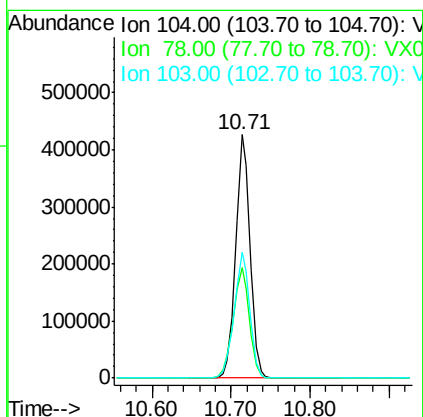
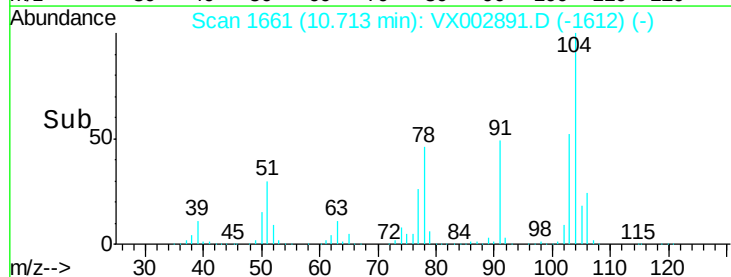
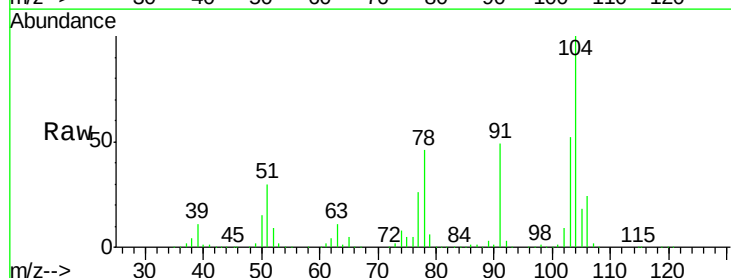
Manual Integrations
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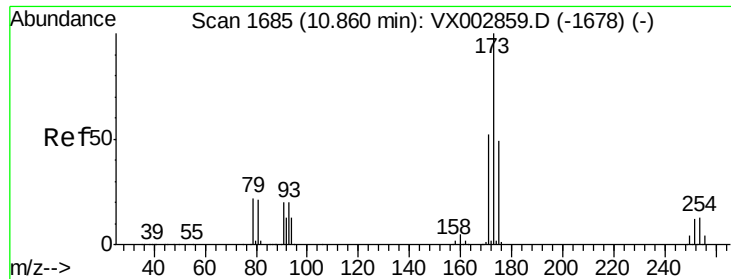
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#70
Styrene
Concen: 54.54 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Tgt Ion:104 Resp: 544656
Ion Ratio Lower Upper
104 100
78 50.7 41.0 61.6
103 56.0 44.2 66.4





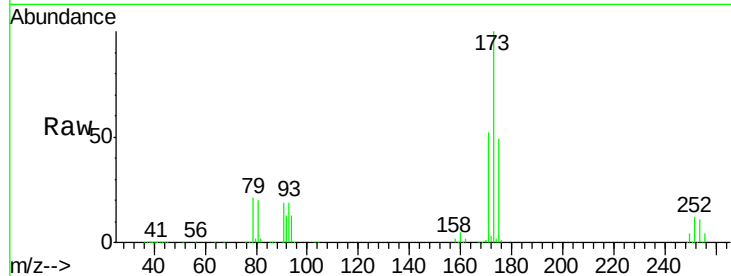
#71
Bromoform
Concen: 49.56 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

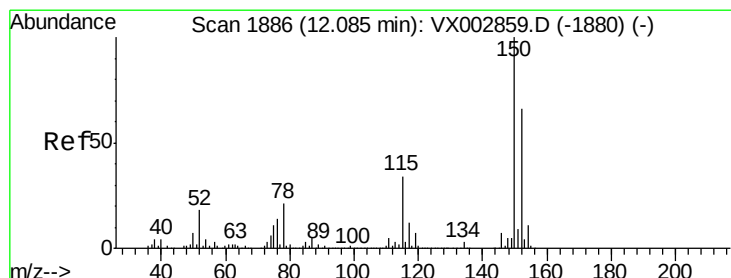
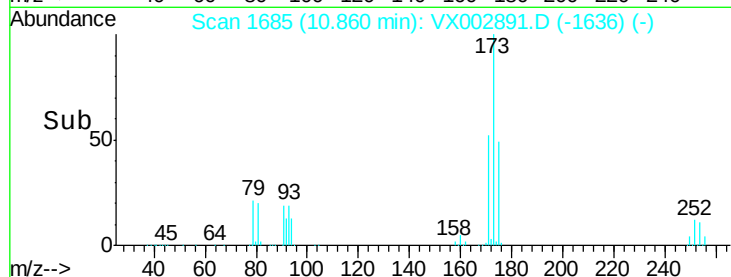
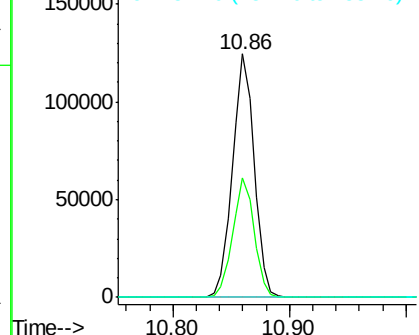
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.7	74.1
254	0.2	0.2	0.2

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6/28/2018 3:12:05 PM

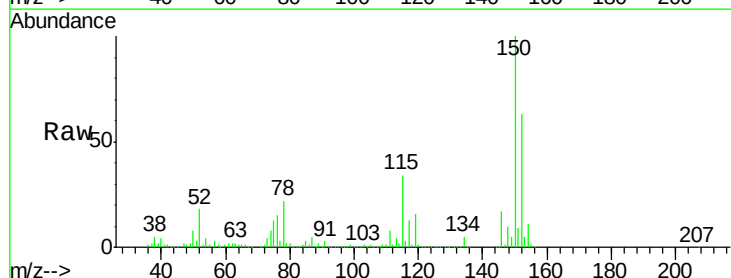


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

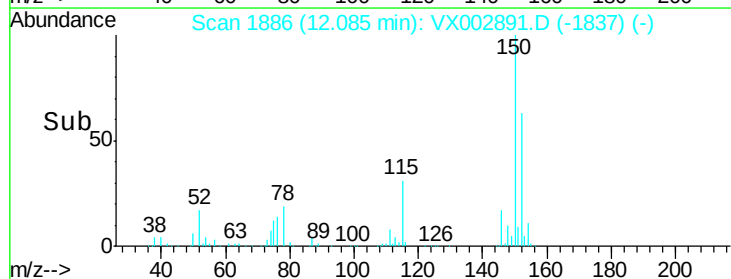
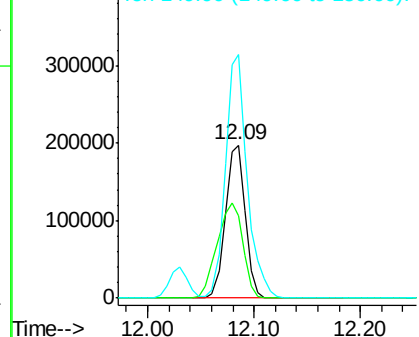


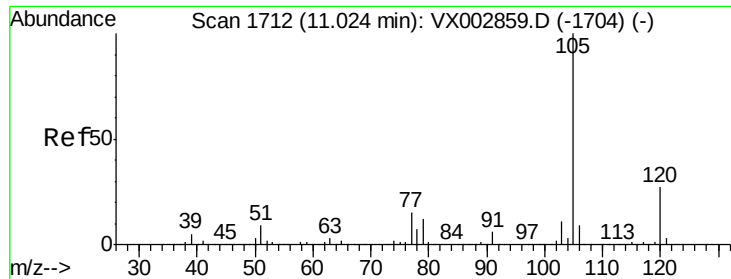
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.3	40.1	120.2
150	174.9	0.0	347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.50 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 915749

Ion Ratio Lower Upper

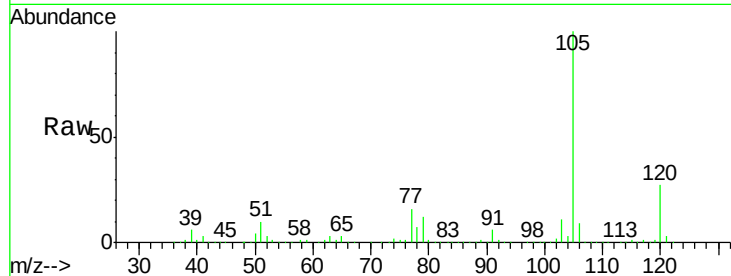
105 100

120 26.9 13.5 40.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

200000

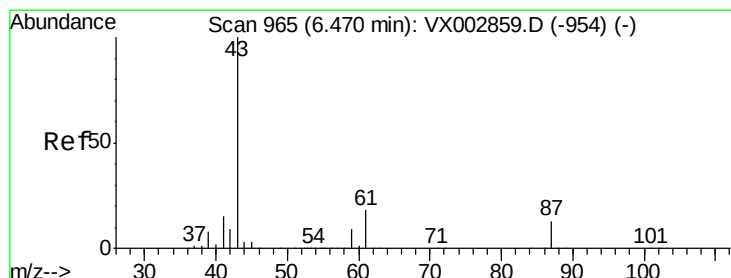
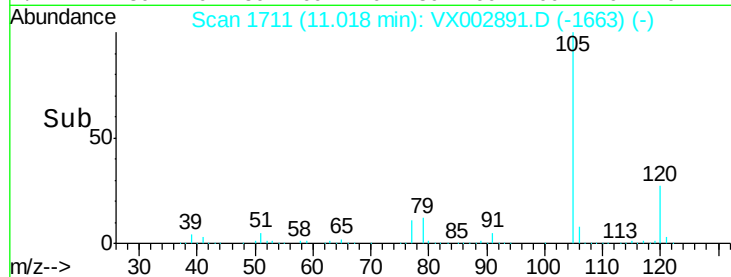
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 49.52 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Tgt Ion: 43 Resp: 414725

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.4 14.4 21.6

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

150000

100000

50000

0

6.46

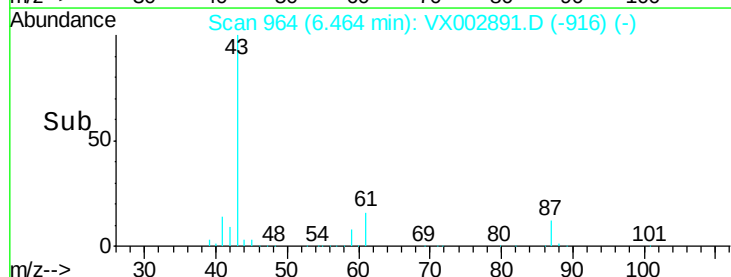
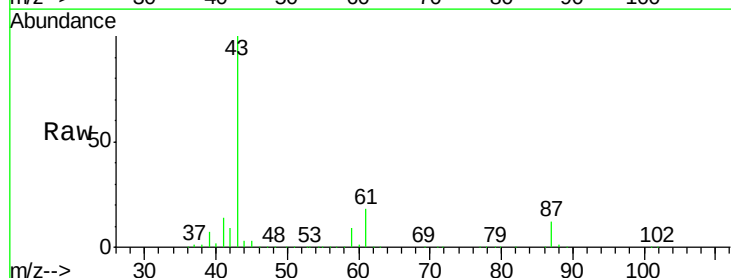
6.30

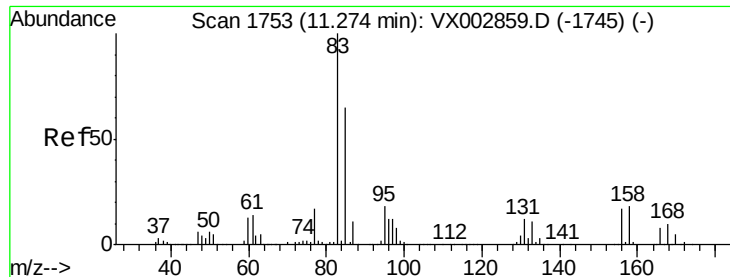
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.05 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

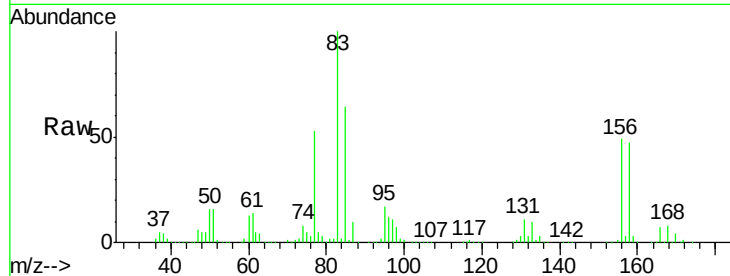
ClientSampled :

VSTDCCC050

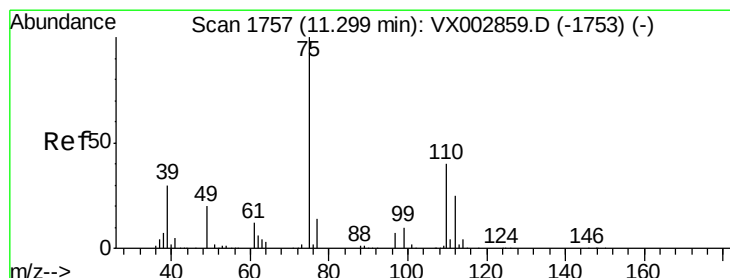
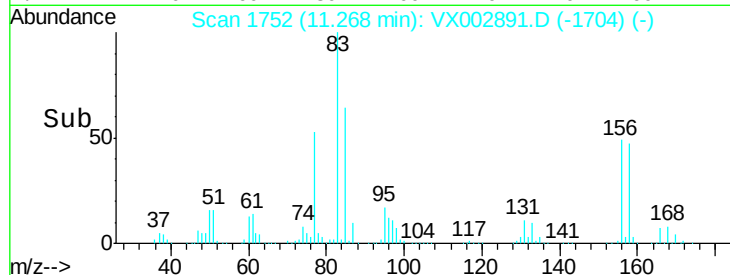
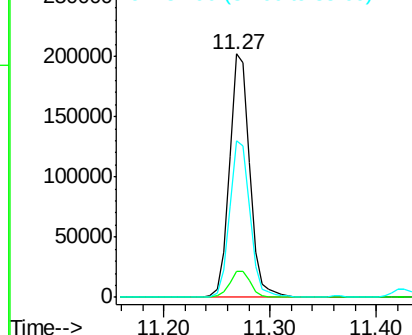
Tot Ion:	83	Resp:	269196
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.6	16.8
85	65.0	32.4	97.2

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 59.29 ug/l m

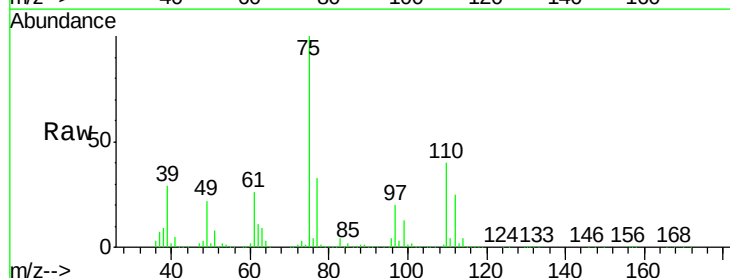
RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

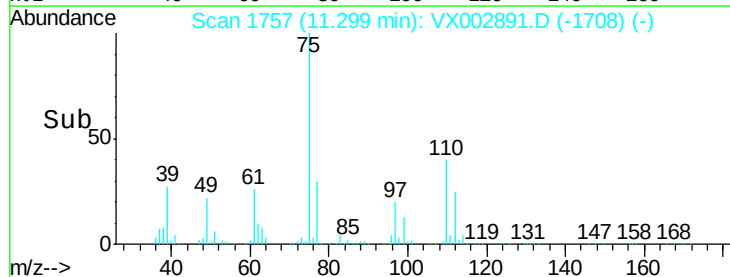
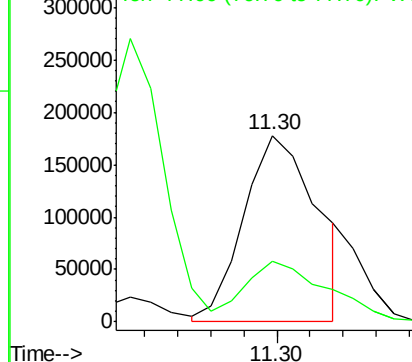
Lab File: VX002891.D

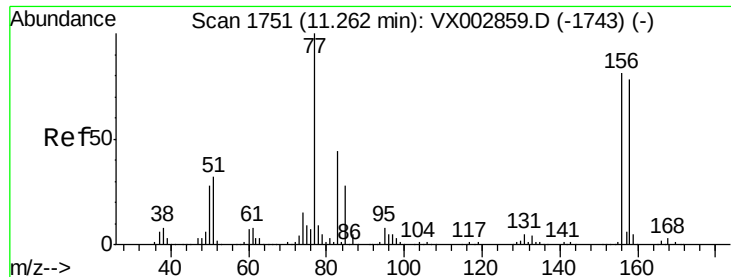
Acq: 26 Jun 2018 11:12

Tgt Ion:	75	Resp:	273276
Ion Ratio	Lower	Upper	
75	100		
77	36.6	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.93 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

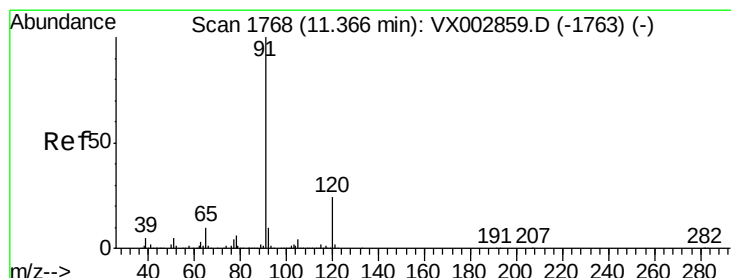
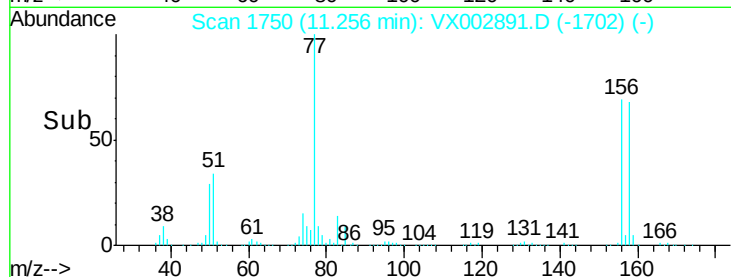
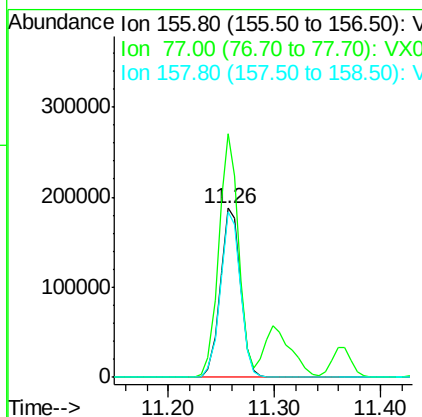
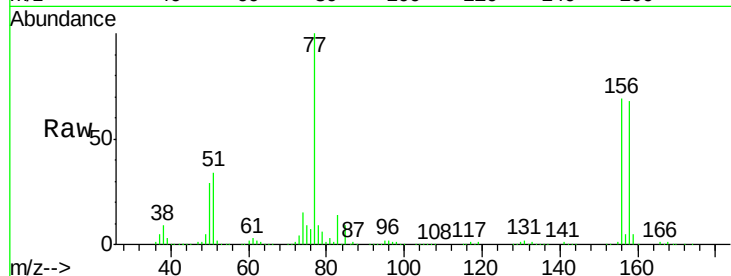
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		248250		
77	140.3		71.4	214.2	
158	96.6		48.9	146.6	

Manual Integrations
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#78

n-propylbenzene

Concen: 54.66 ug/l

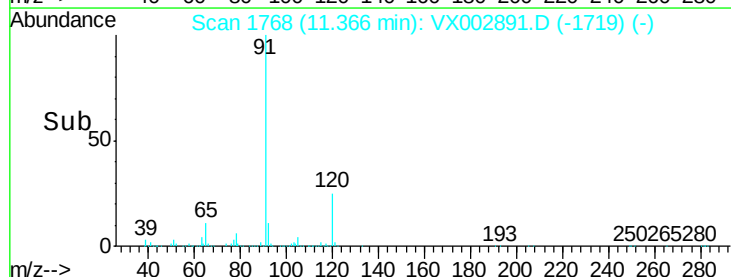
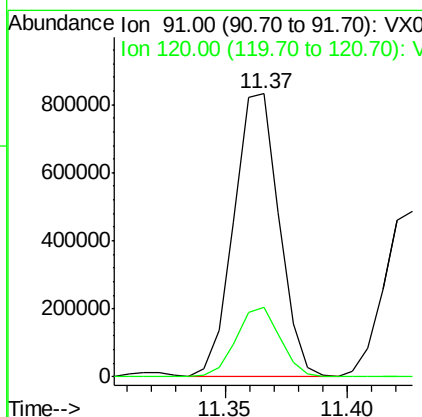
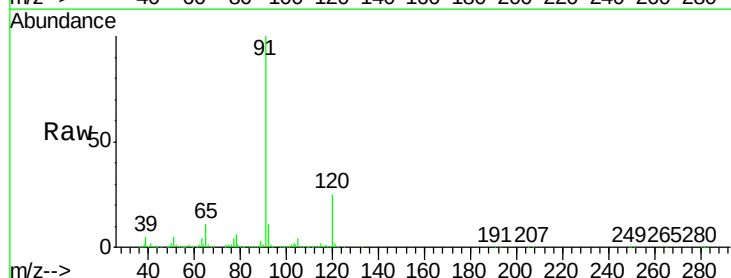
RT: 11.37 min Scan# 1768

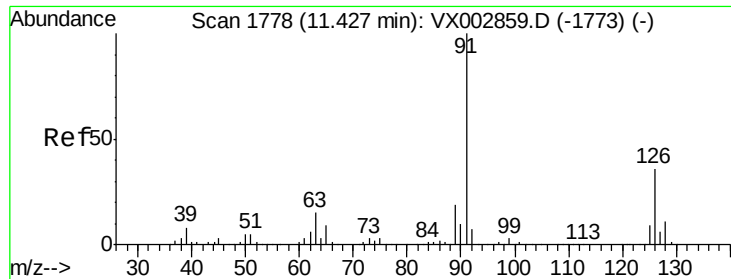
Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		1065020		
120	24.0		11.8	35.4	





#79

2-Chlorotoluene

Concen: 52.27 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 616637

Ion Ratio Lower Upper

91 100

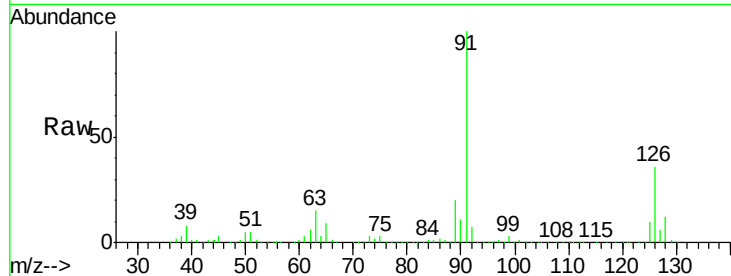
126 35.6 17.7 53.1

Manual Integrations

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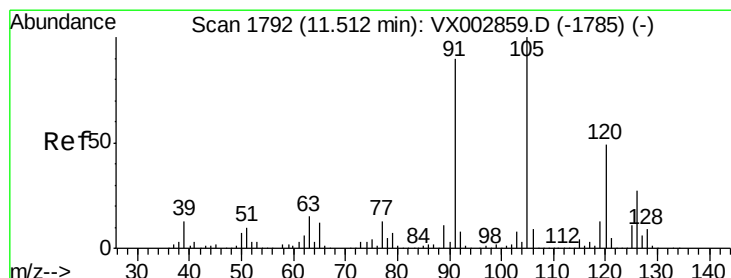
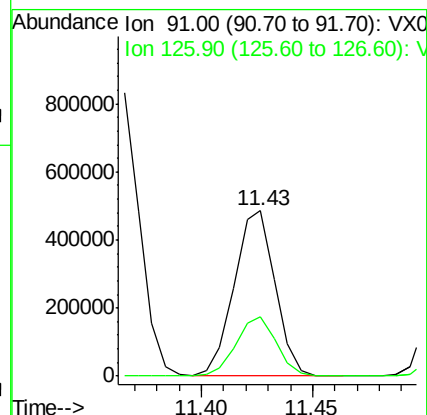
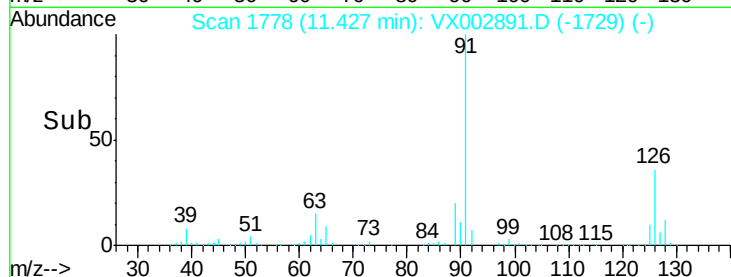
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002859.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.25 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002891.D

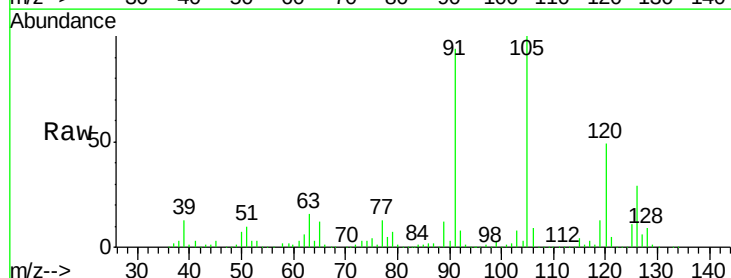
Acq: 26 Jun 2018 11:12

Tgt Ion: 105 Resp: 782176

Ion Ratio Lower Upper

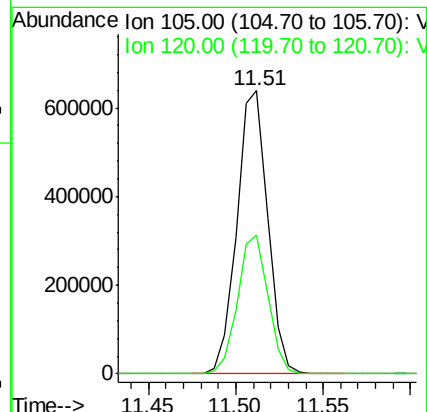
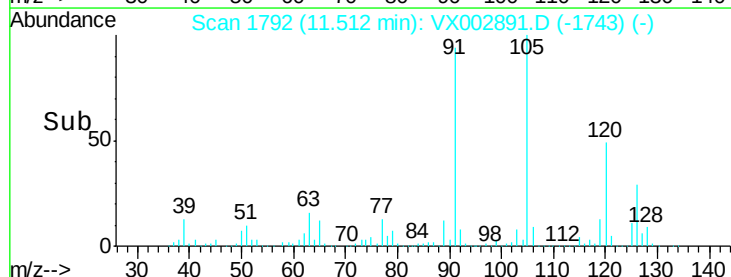
105 100

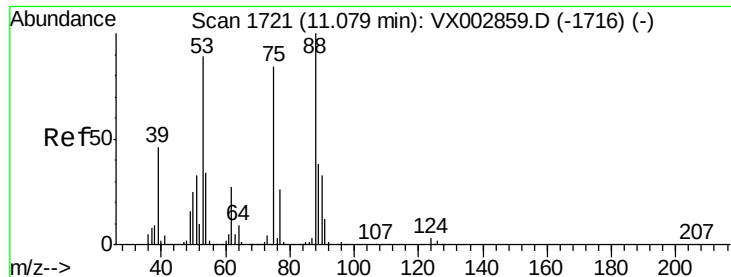
120 48.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002859.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX002859.D (-1785) (-)





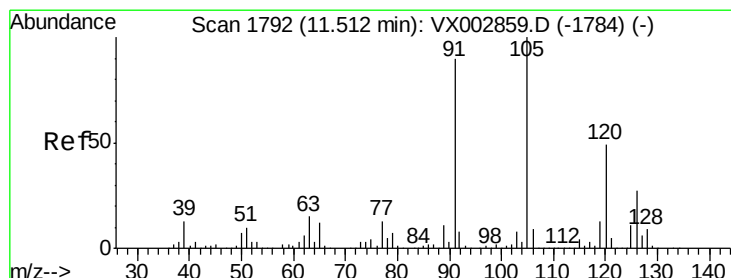
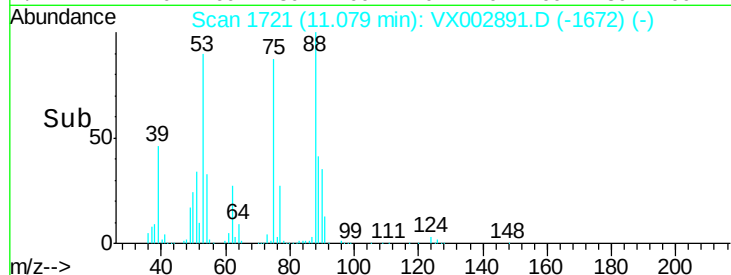
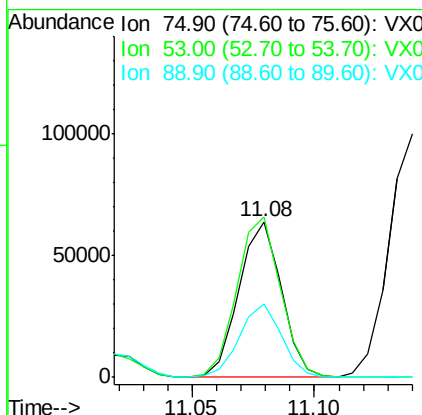
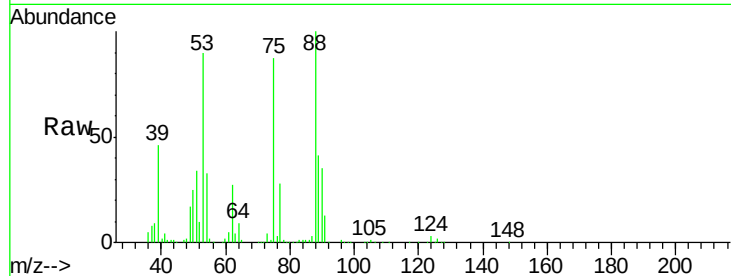
#81
trans-1,4-Dichloro-2-butene
Concen: 48.69 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 77202
Ion Ratio Lower Upper
75 100
53 105.7 86.8 130.2
89 46.9 38.2 57.2

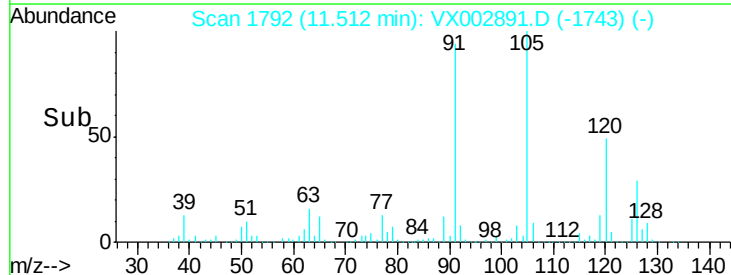
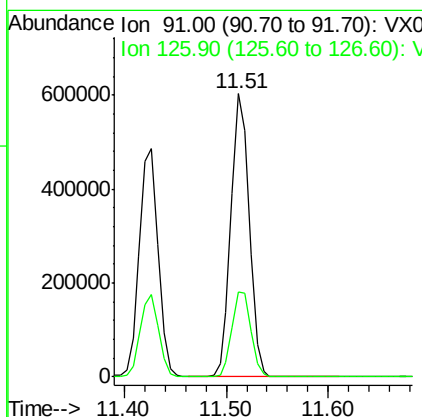
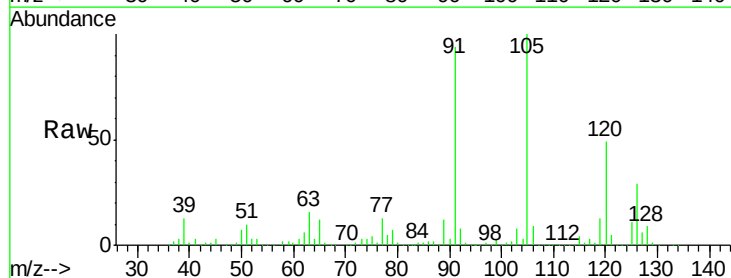
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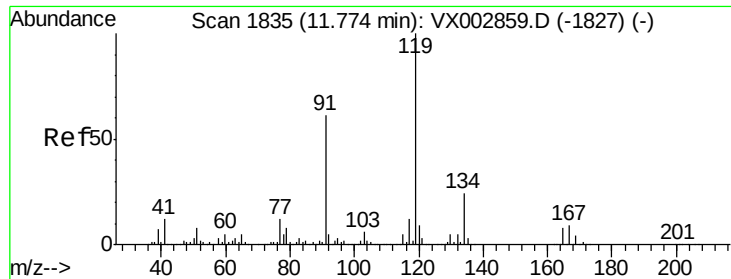
MMDadoda
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#82
4-Chlorotoluene
Concen: 53.45 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Tgt Ion: 91 Resp: 746507
Ion Ratio Lower Upper
91 100
126 31.2 15.4 46.4





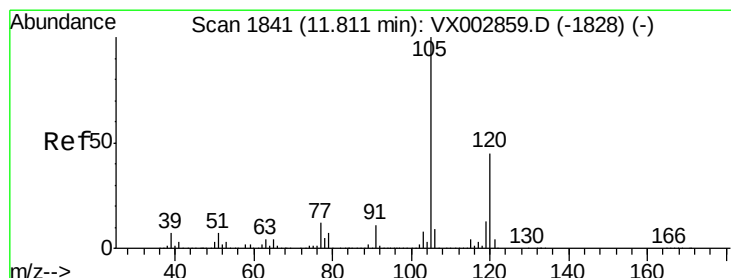
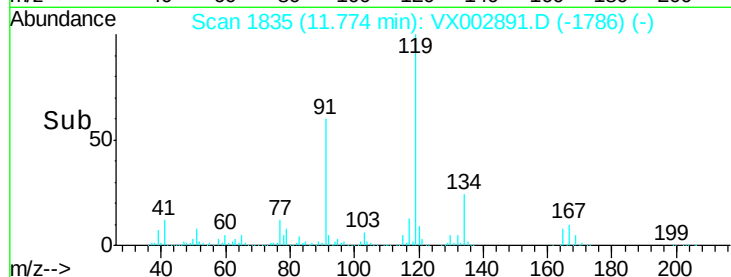
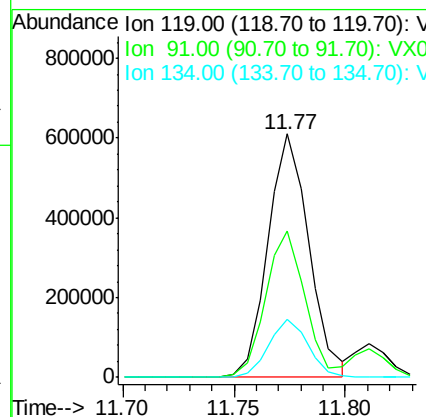
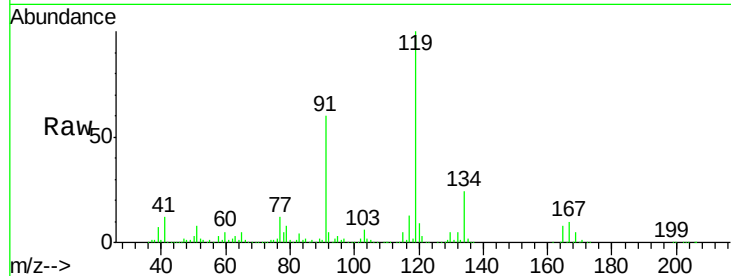
#83
 tert-Butylbenzene
 Concen: 54.86 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.2	30.3	90.9
134	23.1	11.7	35.1

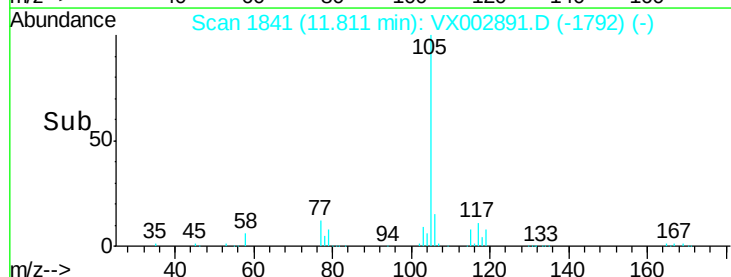
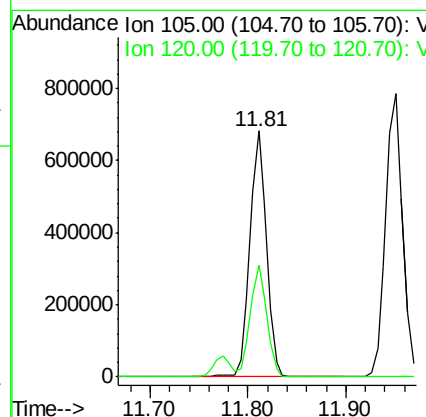
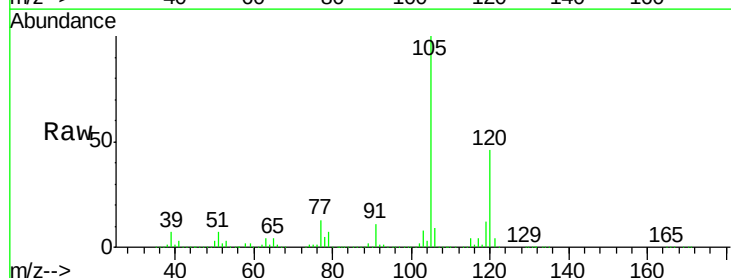
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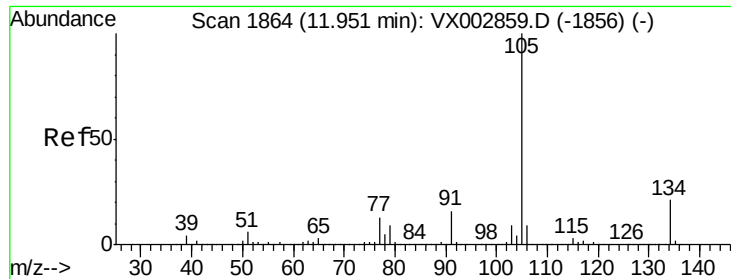
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.91 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.3	66.8





#85

sec-Butylbenzene

Concen: 54.86 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 945567

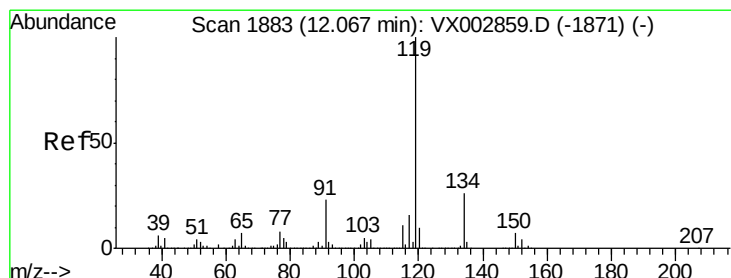
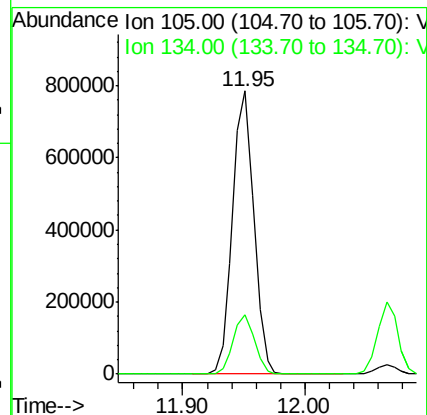
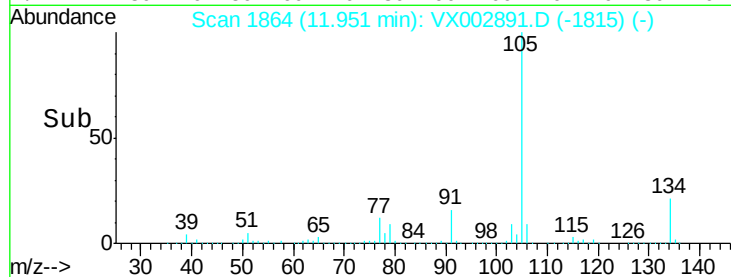
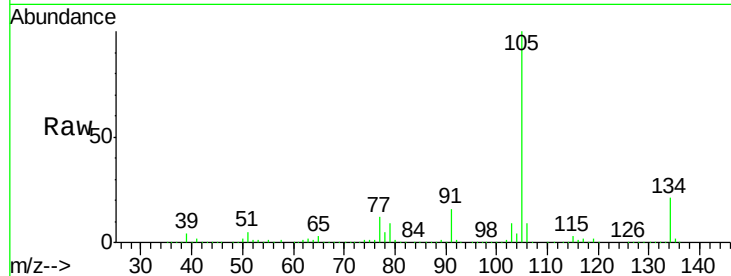
Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.1

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 55.57 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

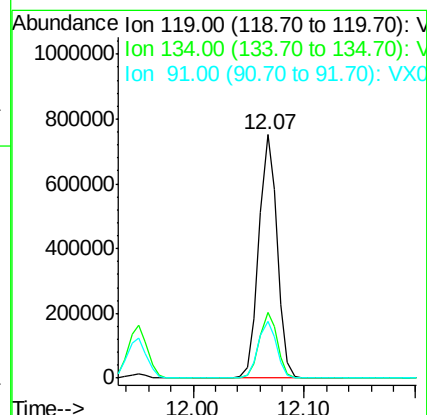
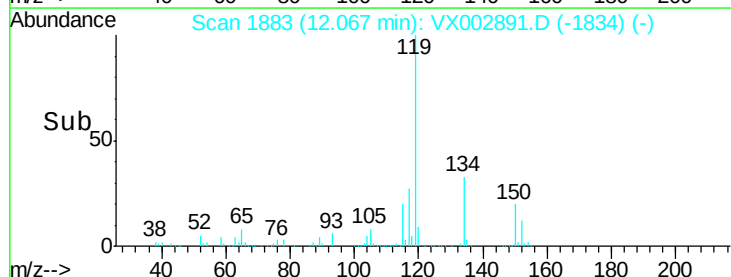
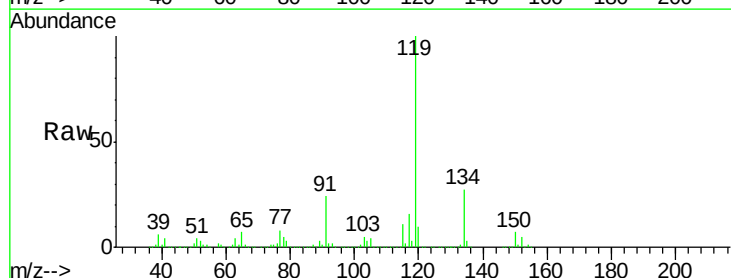
Tgt Ion:119 Resp: 861200

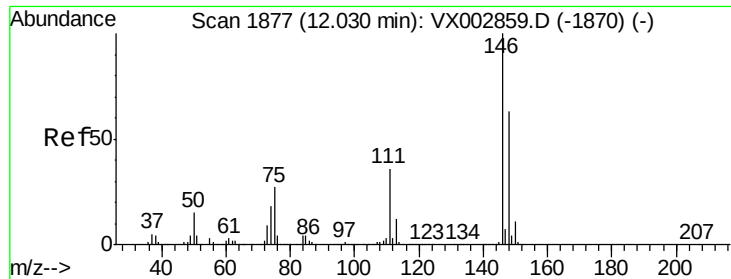
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 23.7 11.9 35.7





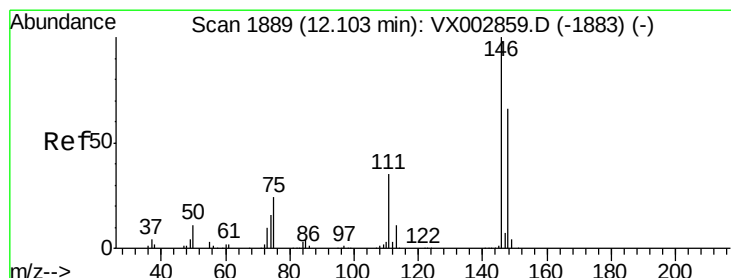
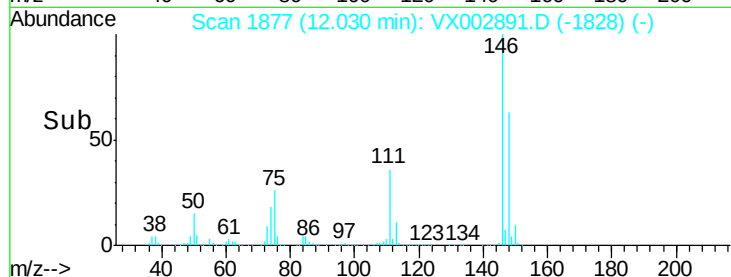
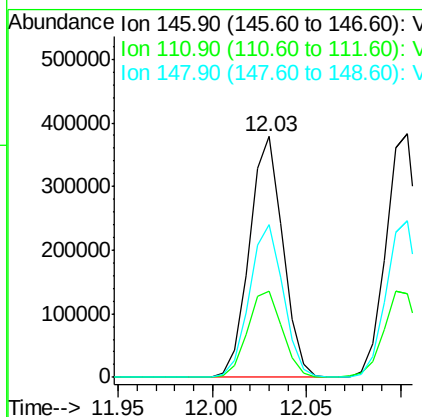
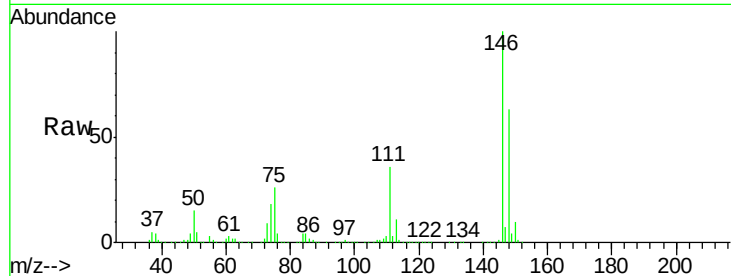
#87
 1,3-Dichlorobenzene
 Concen: 52.42 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.7
148	63.9	32.1	96.3

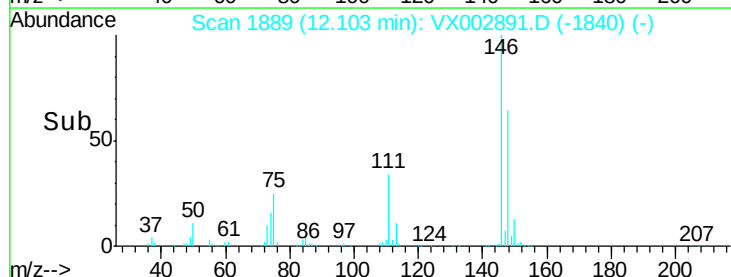
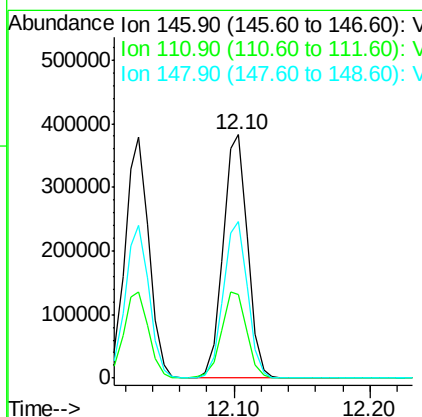
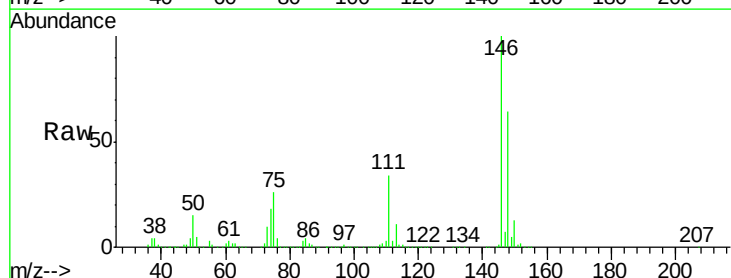
Manual Integrations
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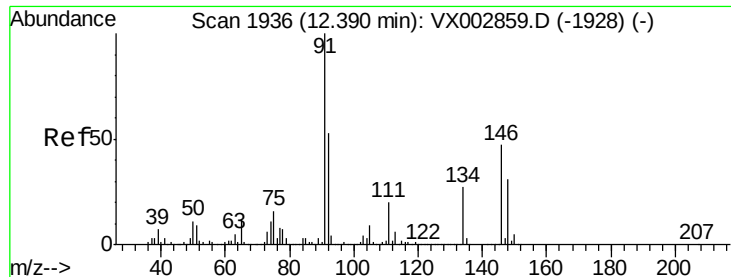
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#88
 1,4-Dichlorobenzene
 Concen: 51.71 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.7	56.1
148	64.2	32.4	97.0





#89

n-Butylbenzene

Concen: 57.06 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

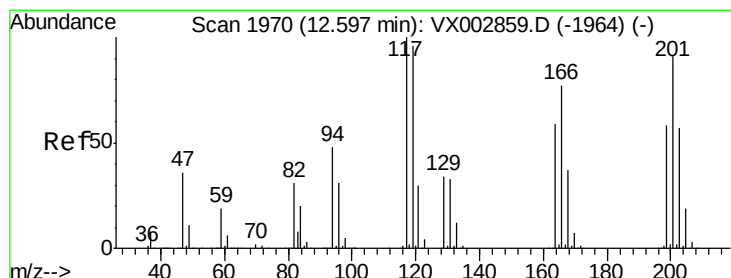
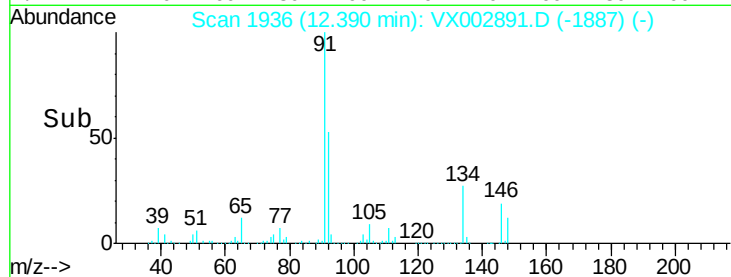
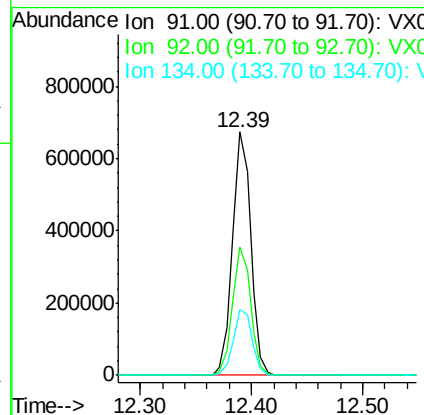
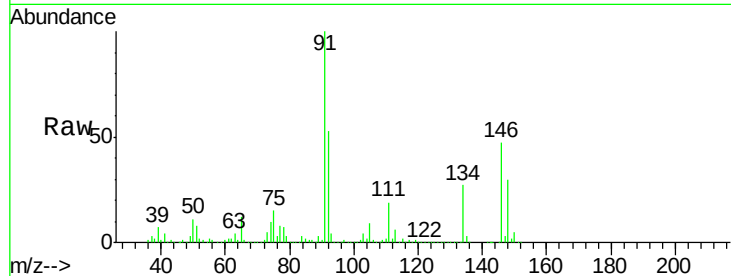
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	769607
Ion Ratio	Lower	Upper	
91	100		
92	52.3	26.0	78.0
134	27.5	13.5	40.5

Manual Integrations
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#90

Hexachloroethane

Concen: 54.93 ug/l

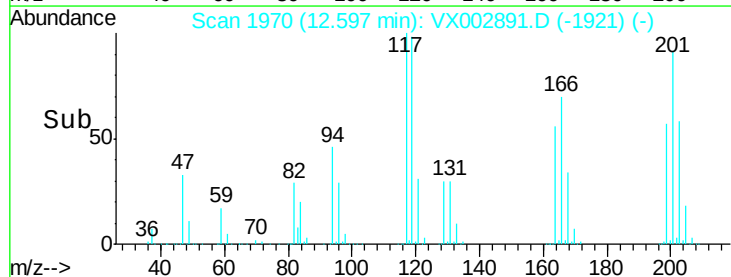
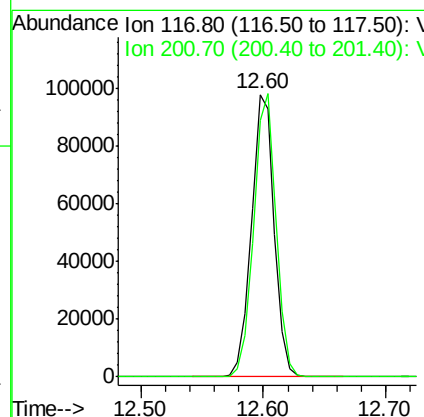
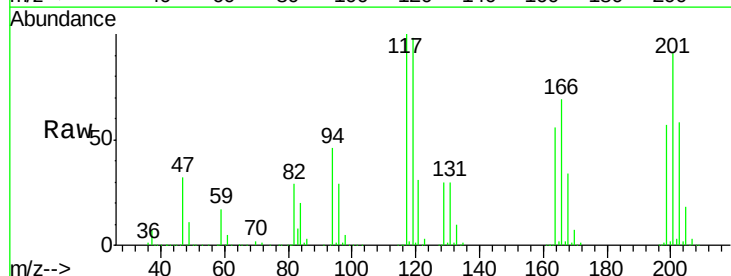
RT: 12.60 min Scan# 1970

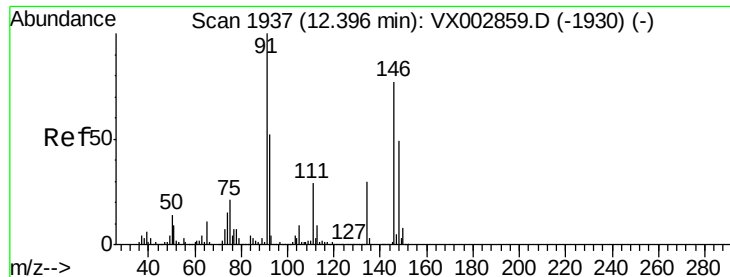
Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Tgt Ion:	117	Resp:	126620
Ion Ratio	Lower	Upper	
117	100		
201	98.9	49.0	147.0





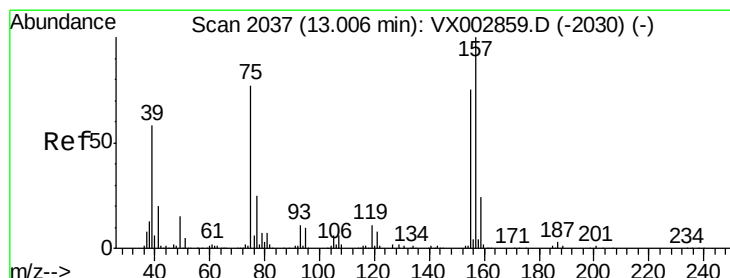
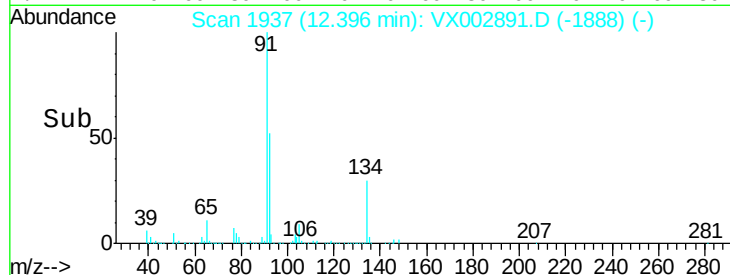
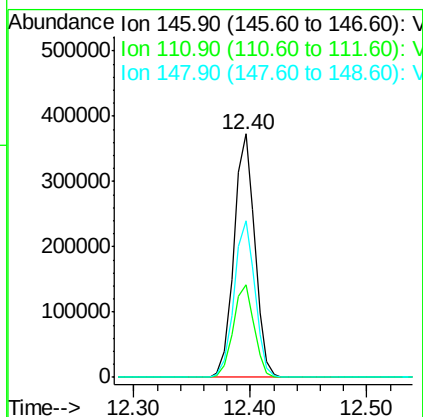
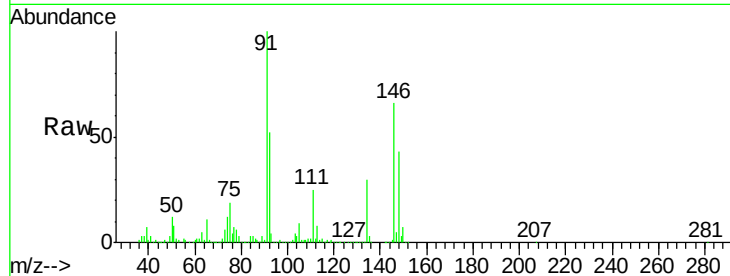
#91
 1,2-Dichlorobenzene
 Concen: 51.73 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	464867		
111	38.5	19.4	58.1	
148	64.4	31.7	95.1	

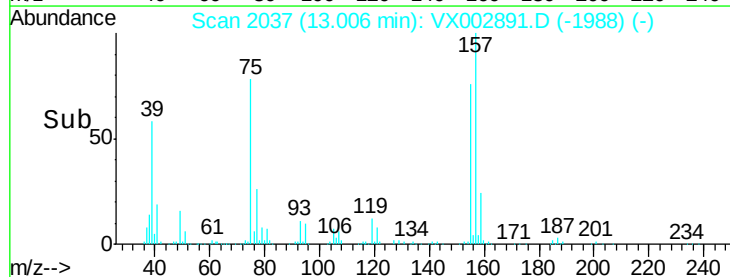
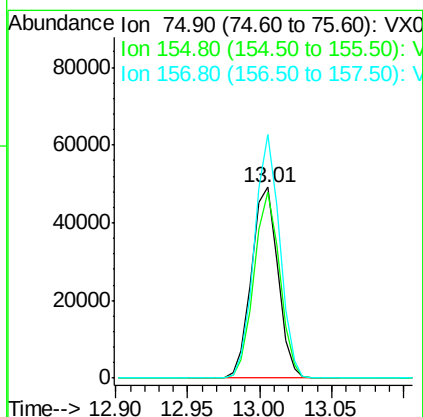
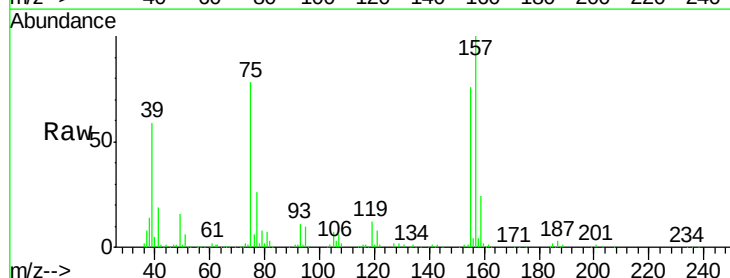
Manual Integrations
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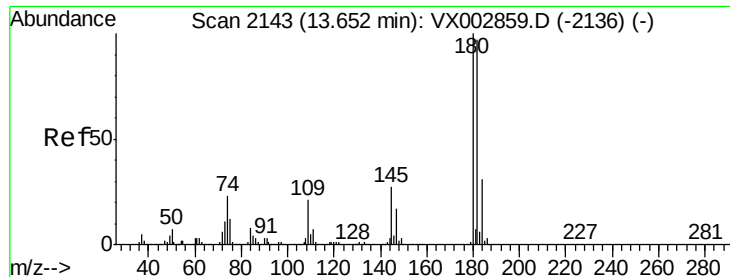
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.58 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	62328		
155	94.4	45.8	137.4	
157	121.2	60.1	180.3	





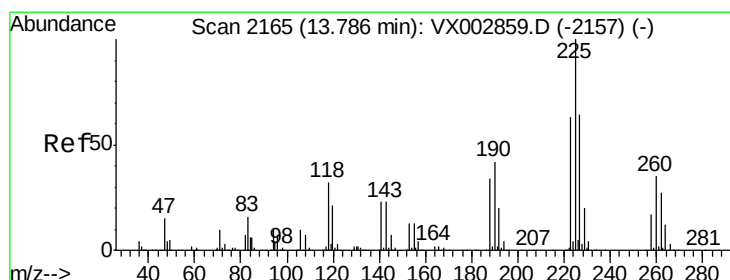
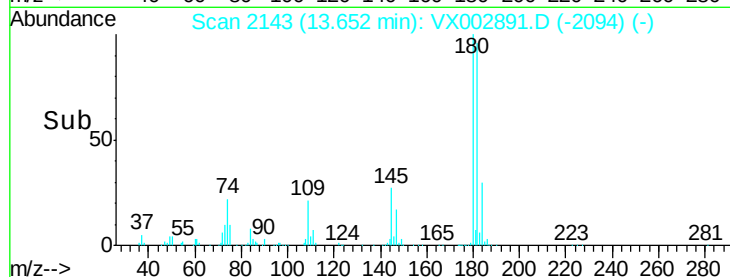
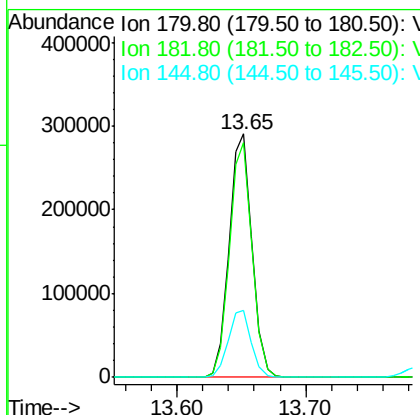
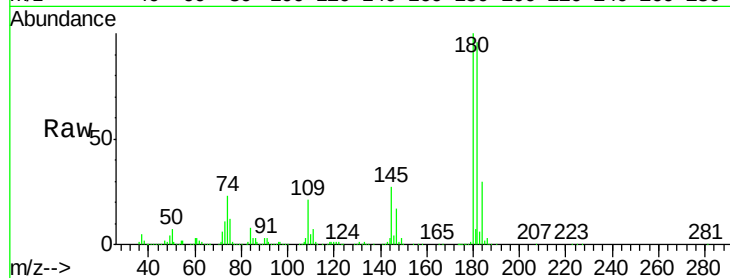
#93
1,2,4-Trichlorobenzene
Concen: 55.07 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	360171		
182	95.5	47.7	143.1	
145	27.8	14.1	42.4	

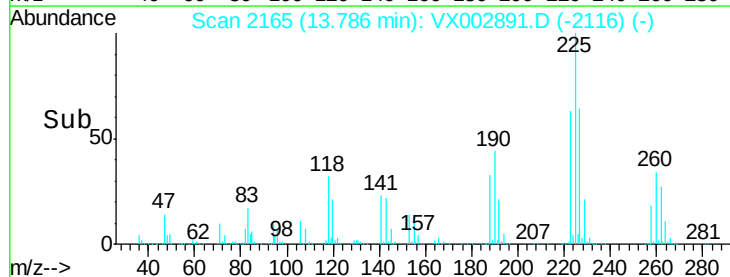
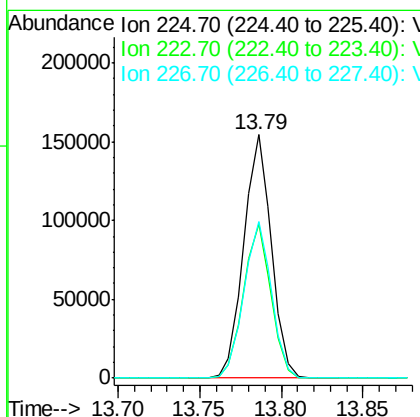
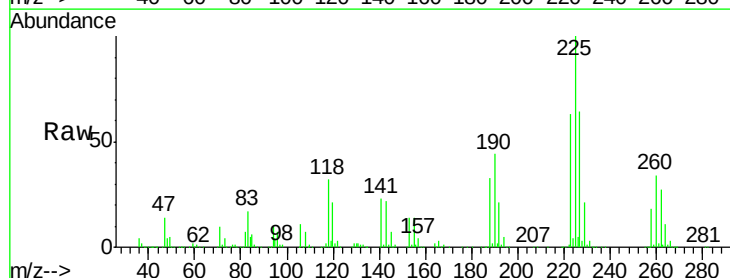
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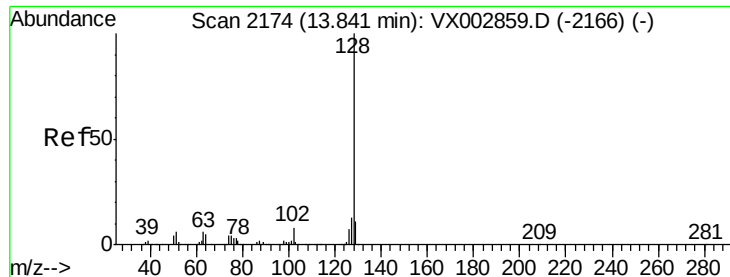
MMDadoda
6/28/2018 3:12:05 PM



#94
Hexachlorobutadiene
Concen: 55.75 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	181860		
223	63.0	31.6	95.0	
227	64.4	32.4	97.2	





#95

Naphthalene

Concen: 54.55 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

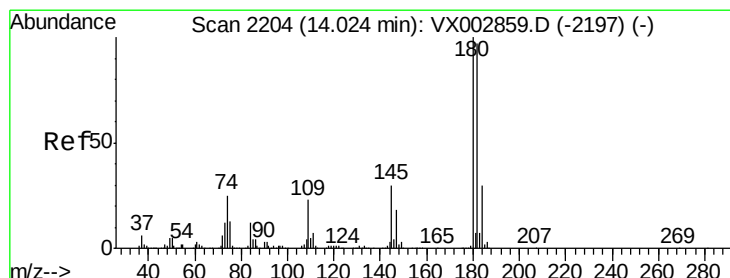
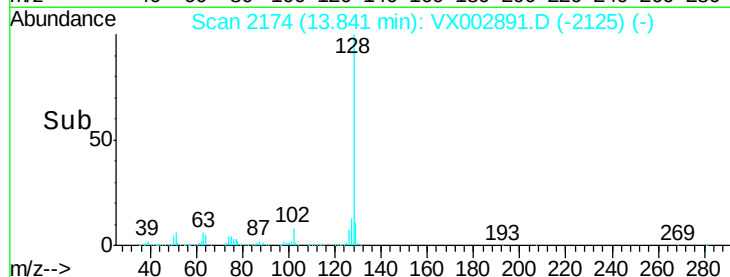
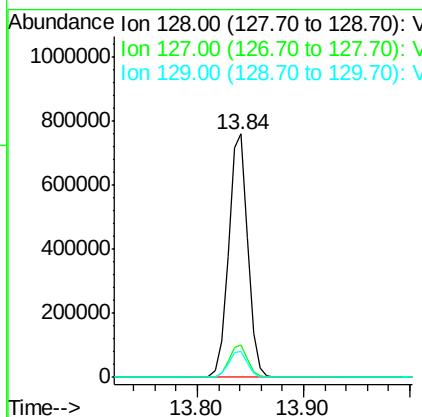
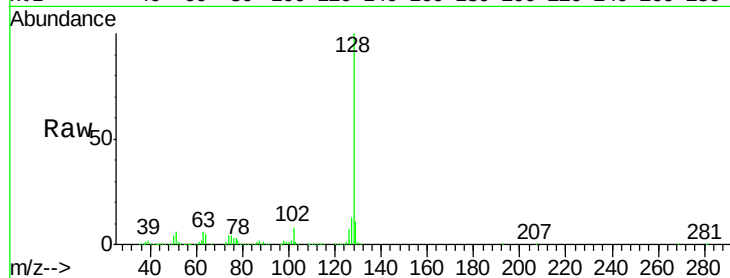
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	950254
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/28/2018 3:12:05 PM



#96

1,2,3-Trichlorobenzene

Concen: 54.20 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Tgt Ion:	180	Resp:	354036
Ion Ratio	Lower	Upper	
180	100		
182	96.7	48.0	144.0
145	29.4	14.8	44.3

