

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003914.D
 Acq On : 08 Aug 2018 07:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/8/2018 12:06:36 PM

Quant Time: Aug 08 08:40:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	349385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	519016	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	484248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	291374	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	233042	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
35) Dibromofluoromethane	5.50	113	194980	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
50) Toluene-d8	8.72	98	763081	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	11.14	95	282337	57.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	173489	49.00	ug/l	100
3) Chloromethane	1.32	50	214478	44.52	ug/l	99
4) Vinyl Chloride	1.40	62	226177	47.08	ug/l	99
5) Bromomethane	1.64	94	129922	51.87	ug/l	98
6) Chloroethane	1.72	64	171361	55.75	ug/l	99
7) Trichlorofluoromethane	1.93	101	306902	48.39	ug/l	100
8) Diethyl Ether	2.19	74	139300	48.86	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	186110	46.94	ug/l	100
10) Methyl Iodide	2.51	142	243171	49.30	ug/l	100
11) Tert butyl alcohol	3.08	59	267213	240.10	ug/l	100
12) 1,1-Dichloroethene	2.37	96	182102	48.56	ug/l	93
13) Acrolein	2.29	56	106407	184.23	ug/l	100
14) Allyl chloride	2.73	41	325323	45.00	ug/l	100
15) Acrylonitrile	3.15	53	626313	235.85	ug/l	100
16) Acetone	2.45	43	637577	231.40	ug/l	100
17) Carbon Disulfide	2.57	76	496726	46.77	ug/l	99
18) Methyl Acetate	2.78	43	290744	48.46	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	668024	50.27	ug/l	98
20) Methylene Chloride	2.86	84	213799	49.21	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	199864	46.95	ug/l	99
22) Diisopropyl ether	3.87	45	653400	49.17	ug/l	99
23) Vinyl Acetate	3.82	43	2687335	243.06	ug/l	99
24) 1,1-Dichloroethane	3.70	63	364758	46.21	ug/l	99
25) 2-Butanone	4.71	43	991061	239.23	ug/l	99
26) 2,2-Dichloropropane	4.59	77	125523	22.05	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	225830	48.89	ug/l	93
28) Bromochloromethane	5.02	49	167905	49.71	ug/l	98
29) Tetrahydrofuran	5.16	42	507341	238.27	ug/l	100
30) Chloroform	5.21	83	367550	49.46	ug/l	99
31) Cyclohexane	5.57	56	323057	48.40	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	312979	50.23	ug/l	100
36) 1,1-Dichloropropene	5.80	75	279904	48.15	ug/l	99
37) Ethyl Acetate	4.86	43	304951	47.69	ug/l	100
38) Carbon Tetrachloride	5.78	117	272282	49.21	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	321761	46.95	ug/l	99
40) Benzene	6.14	78	857543	49.13	ug/l	99
41) Methacrylonitrile	5.06	41	168029	47.71	ug/l	99
42) 1,2-Dichloroethane	6.20	62	288983	48.96	ug/l	100
43) Isopropyl Acetate	6.46	43	472557	49.11	ug/l	99
44) Trichloroethene	7.21	130	229895	48.16	ug/l	93
45) 1,2-Dichloropropane	7.52	63	213467	47.36	ug/l	99
46) Dibromomethane	7.67	93	141273	48.28	ug/l	100
47) Bromodichloromethane	7.90	83	273214	49.56	ug/l	99
48) Methyl methacrylate	7.78	41	245979	50.29	ug/l	99
49) 1,4-Dioxane	7.76	88	115955	1006.30	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1965114	246.38	ug/l	99
52) Toluene	8.79	92	547590	49.65	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	278418	44.68	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	305279	45.44	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	218717	48.53	ug/l	99
56) Ethyl methacrylate	9.18	69	337915	51.68	ug/l	100
57) 1,3-Dichloropropane	9.37	76	372764	49.42	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	821017	255.33	ug/l	99
59) 2-Hexanone	9.50	43	1507320	252.82	ug/l	99
60) Dibromochloromethane	9.59	129	219885	52.33	ug/l	99
61) 1,2-Dibromoethane	9.68	107	230595	51.10	ug/l	99
64) Tetrachloroethene	9.34	164	234240	49.17	ug/l	97
65) Chlorobenzene	10.14	112	600792	47.68	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.23	131	216956	50.09	ug/l	99
67) Ethyl Benzene	10.26	91	1029564	49.92	ug/l	99
68) m/p-Xylenes	10.36	106	818980	101.62	ug/l	96
69) o-Xylene	10.70	106	394858	51.90	ug/l	97
70) Styrene	10.71	104	664608	53.35	ug/l	98
71) Bromoform	10.86	173	173242	47.33	ug/l	99
73) Isopropylbenzene	11.02	105	1041691	48.33	ug/l	96
74) N-amyl acetate	6.46	43	472557	42.16	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	341439	46.22	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	294253m	45.72	ug/l	
77) Bromobenzene	11.26	156	277450	48.25	ug/l	99
78) n-propylbenzene	11.36	91	1179566	48.73	ug/l	99
79) 2-Chlorotoluene	11.42	91	699701	47.41	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	861528	49.02	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	79996	34.53	ug/l	97
82) 4-Chlorotoluene	11.51	91	814487	47.11	ug/l	99
83) tert-Butylbenzene	11.77	119	842607	48.73	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	890857	50.41	ug/l	99
85) sec-Butylbenzene	11.94	105	1016459	49.81	ug/l	99
86) p-Isopropyltoluene	12.07	119	891880	48.71	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	509257	47.91	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	514227	50.46	ug/l	99
89) n-Butylbenzene	12.39	91	697187	43.69	ug/l	99
90) Hexachloroethane	12.60	117	134476	45.23	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	444813	42.22	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	63361	41.87	ug/l	99

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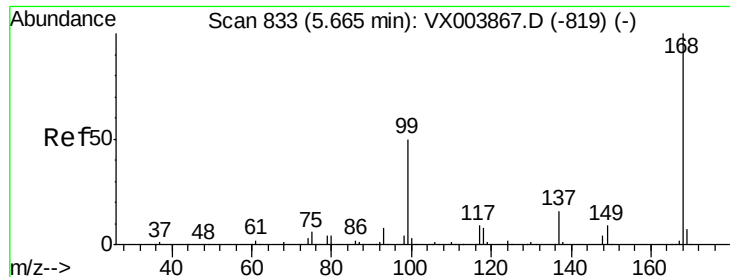
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	341597	45.08	ug/l	99
94) Hexachlorobutadiene	13.79	225	156920	46.96	ug/l	99
95) Naphthalene	13.83	128	1146997	52.85	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	378219	50.02	ug/l	98

(#) = 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: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 349385

Ion Ratio Lower Upper

168 100

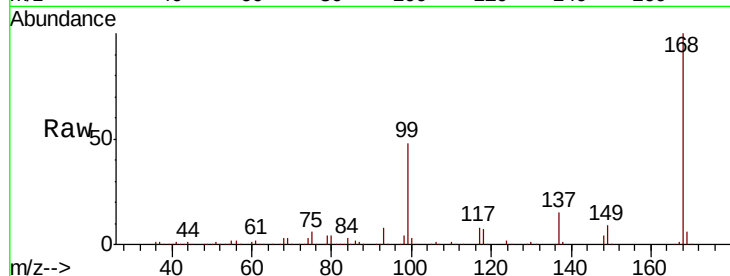
99 47.5 40.1 60.1

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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

150000

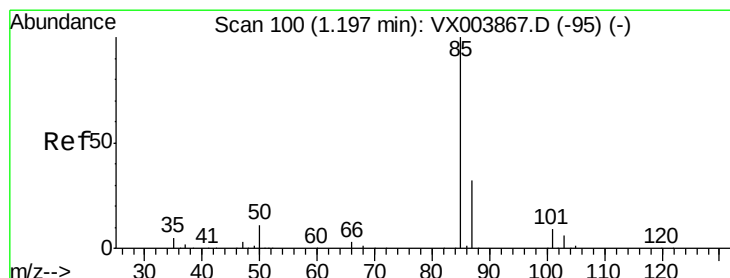
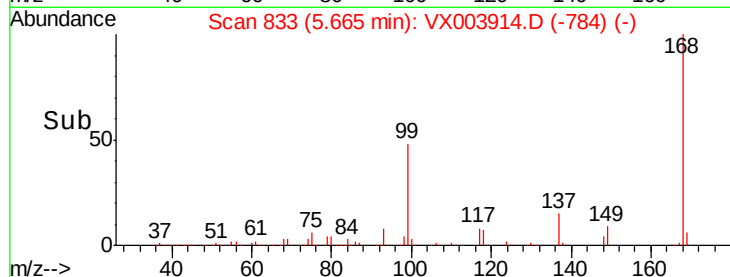
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50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 49.00 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003914.D

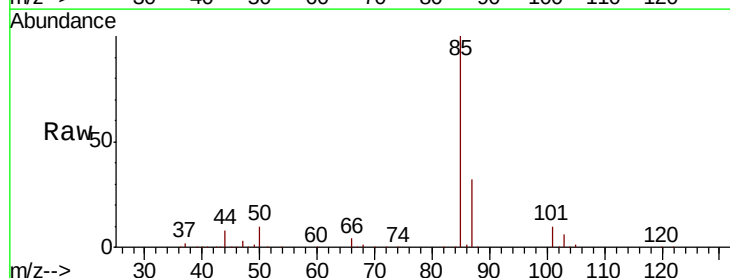
Acq: 08 Aug 2018 07:37

Tgt Ion: 85 Resp: 173489

Ion Ratio Lower Upper

85 100

87 32.1 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

150000

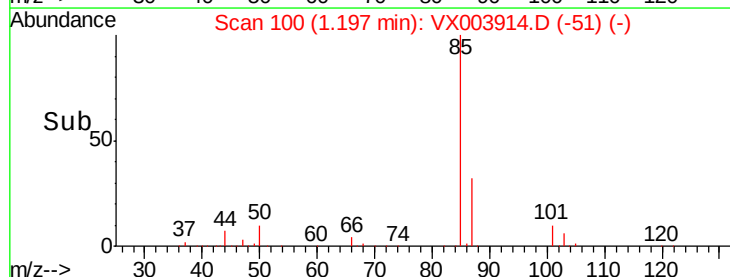
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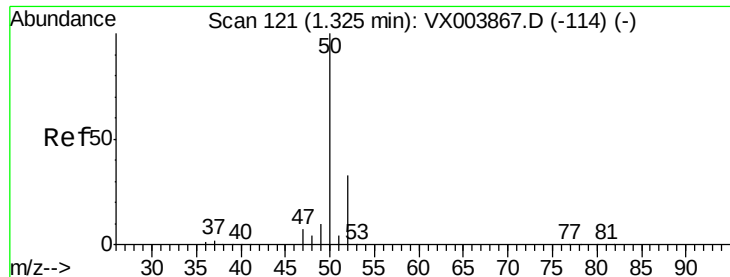
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Time-->

1.15 1.20 1.25 1.30





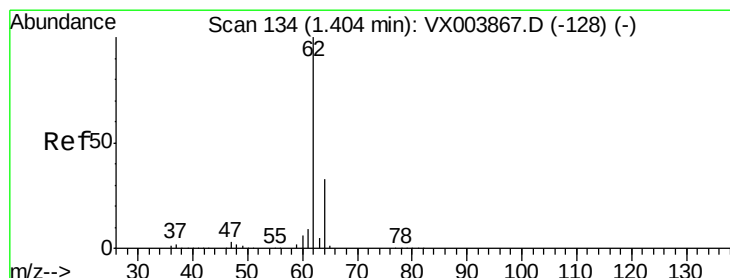
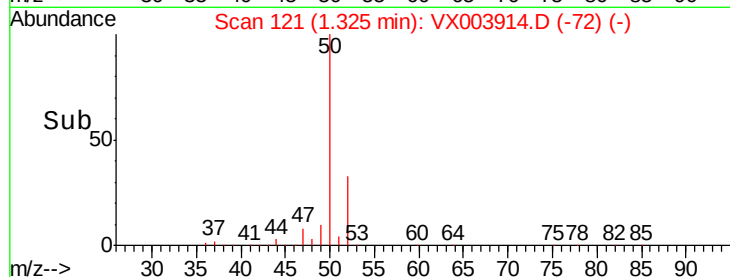
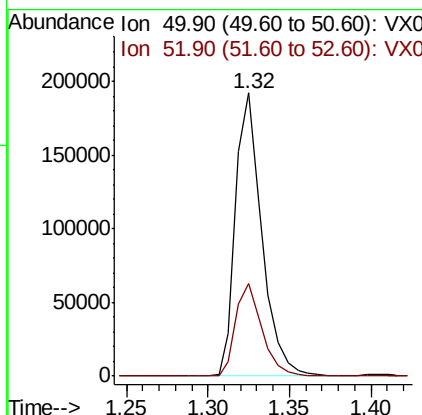
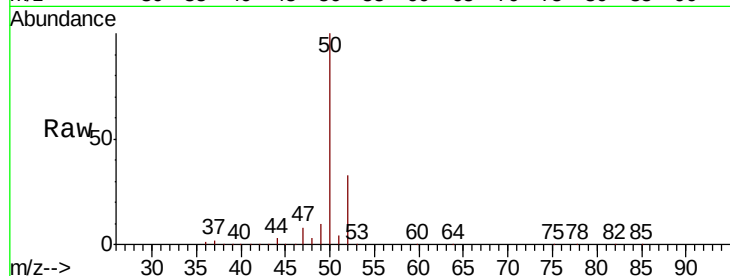
#3
Chloromethane
Concen: 44.52 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.6	26.6	39.8

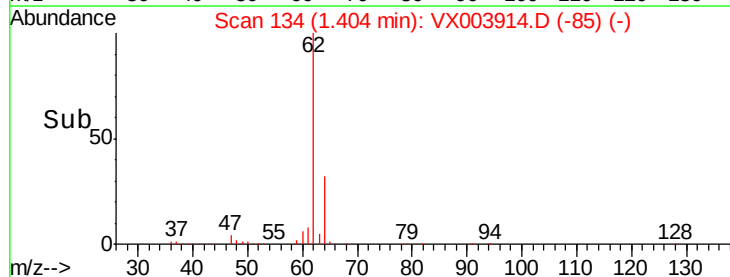
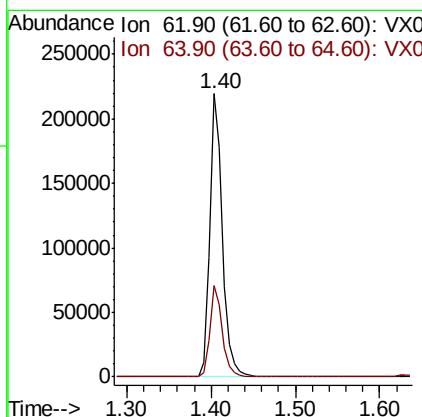
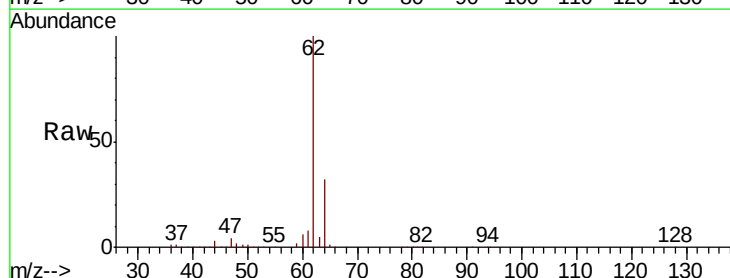
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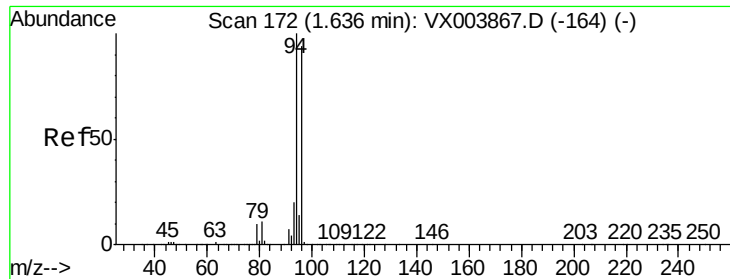
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#4
Vinyl Chloride
Concen: 47.08 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.2	26.0	39.0





#5

Bromomethane

Concen: 51.87 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 129922

Ion Ratio Lower Upper

94 100

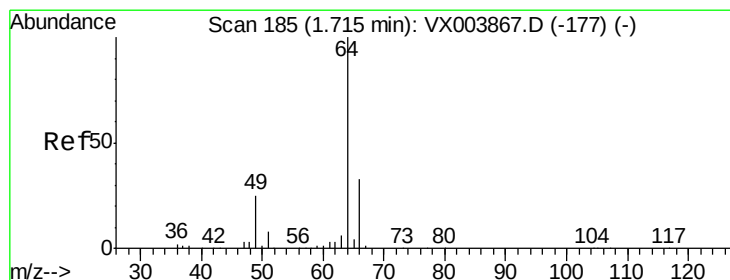
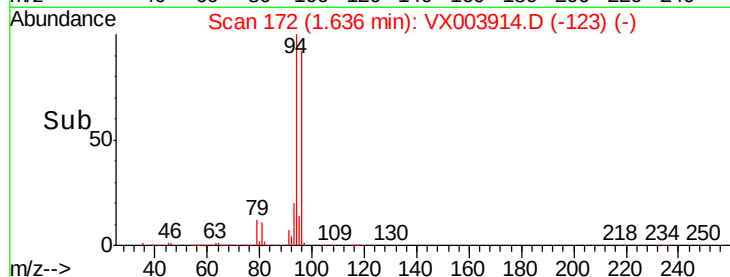
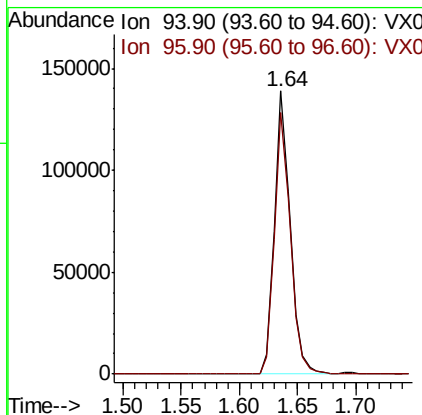
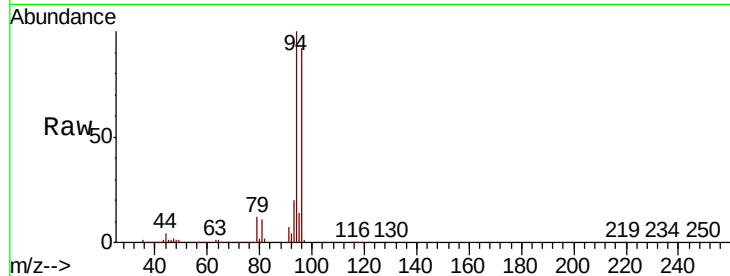
96 92.4 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 55.75 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003914.D

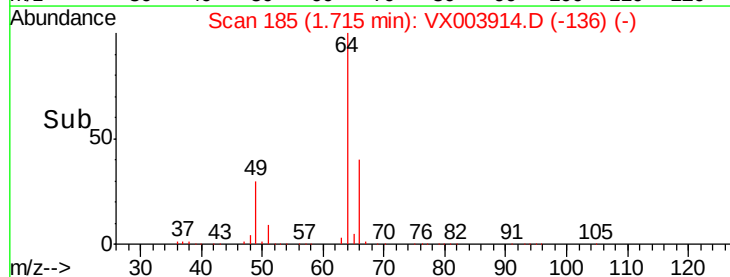
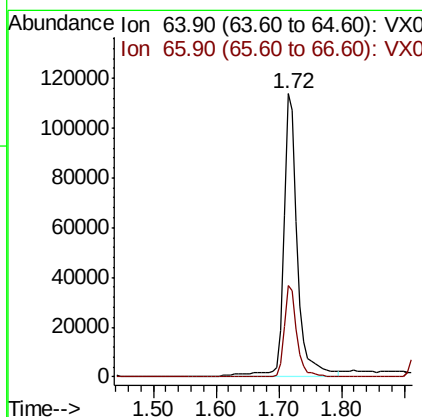
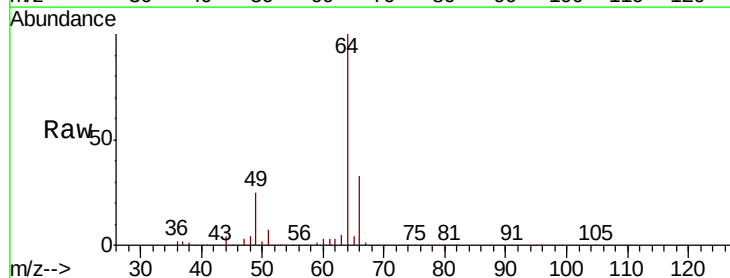
Acq: 08 Aug 2018 07:37

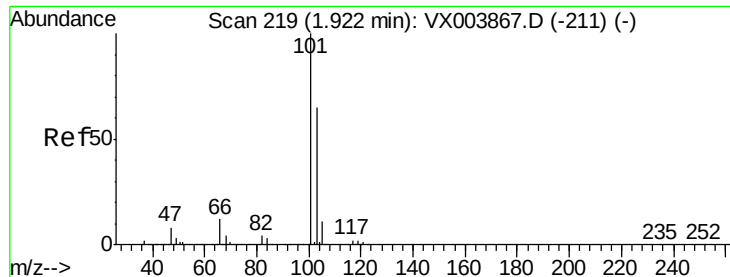
Tgt Ion: 64 Resp: 171361

Ion Ratio Lower Upper

64 100

66 32.5 26.5 39.7





#7

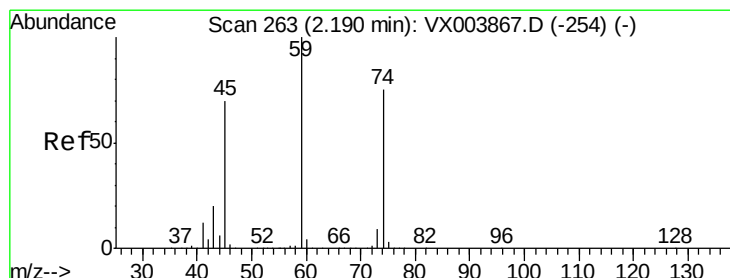
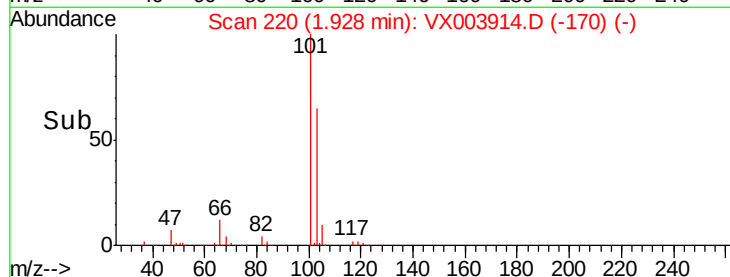
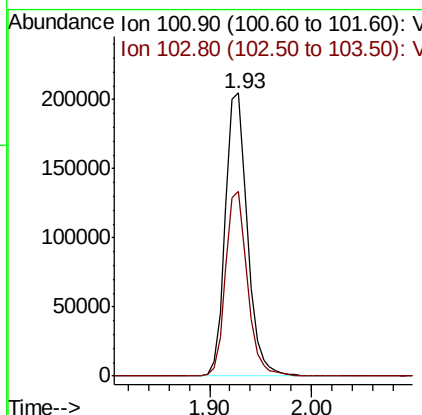
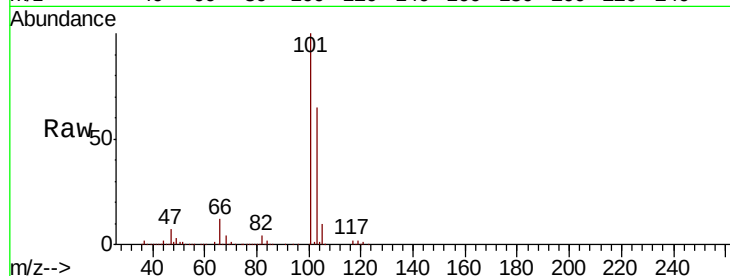
Trichlorofluoromethane
 Concen: 48.39 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.3	78.5

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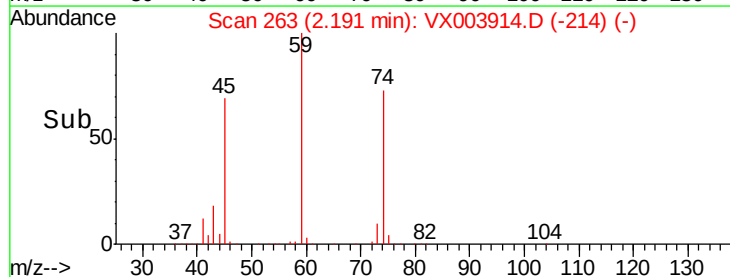
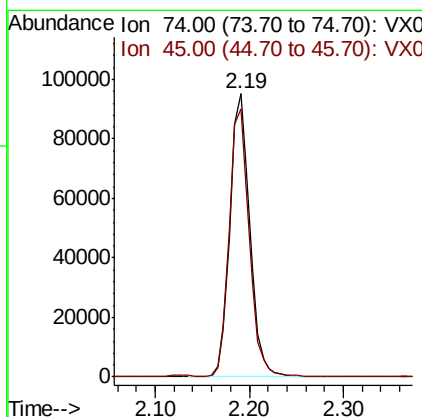
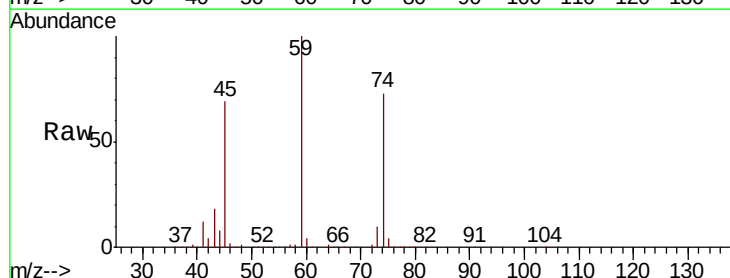
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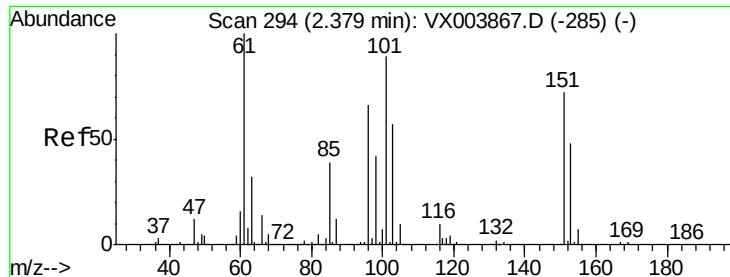


#8

Diethyl Ether
 Concen: 48.86 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.4	48.3	144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.94 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

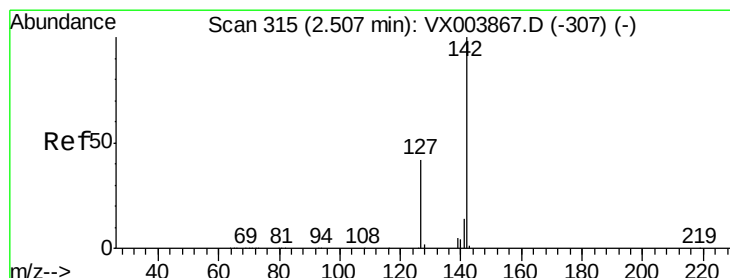
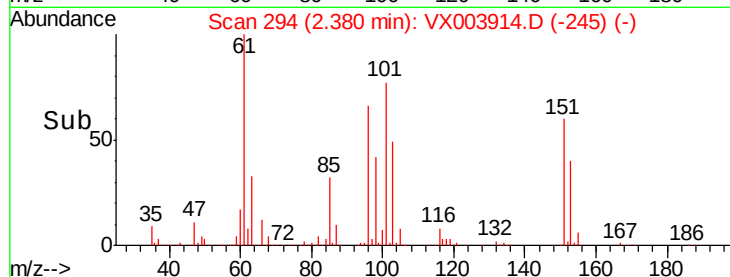
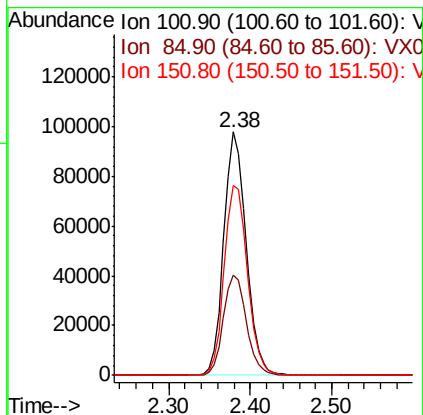
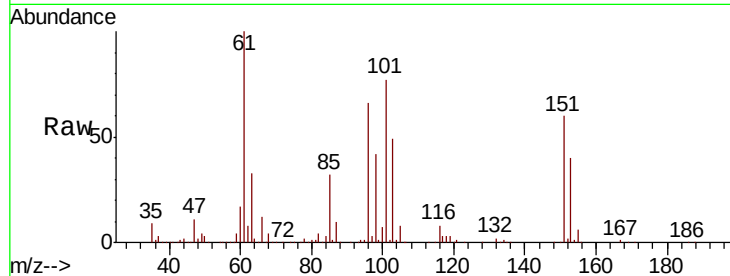
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	186110
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.2	51.4
151	81.0	65.0	97.4

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#10

Methyl Iodide

Concen: 49.30 ug/l

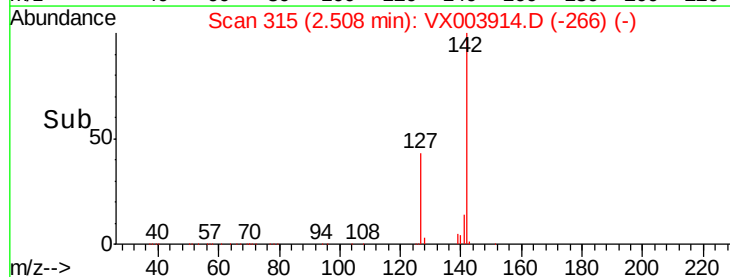
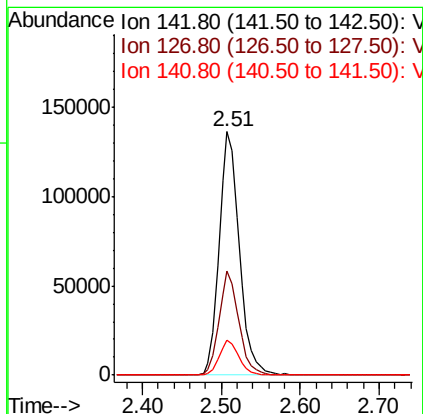
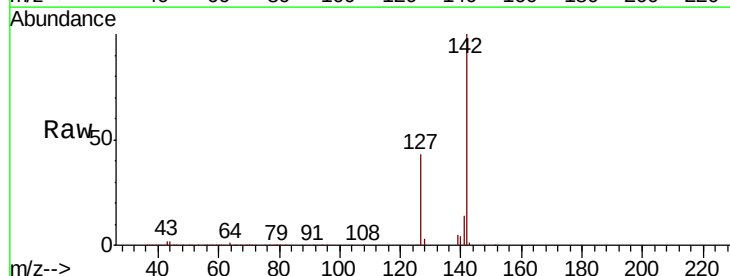
RT: 2.51 min Scan# 315

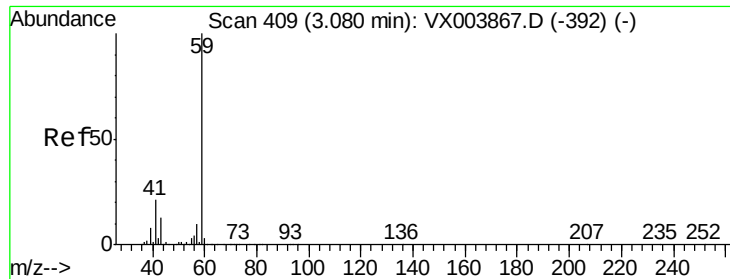
Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Tgt Ion:	142	Resp:	243171
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.1	49.7
141	14.1	11.1	16.7





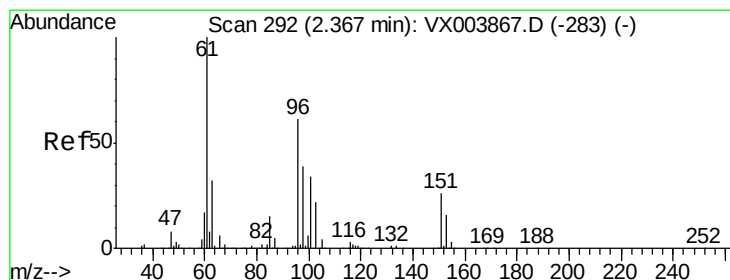
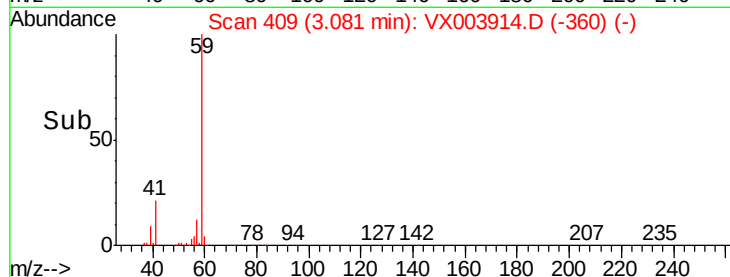
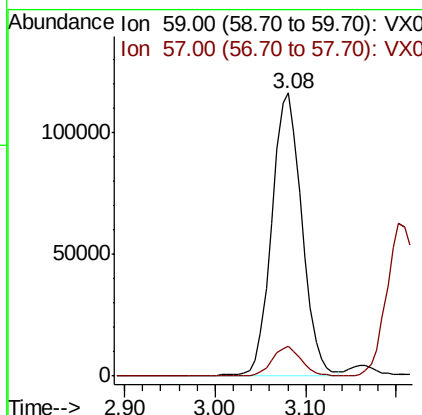
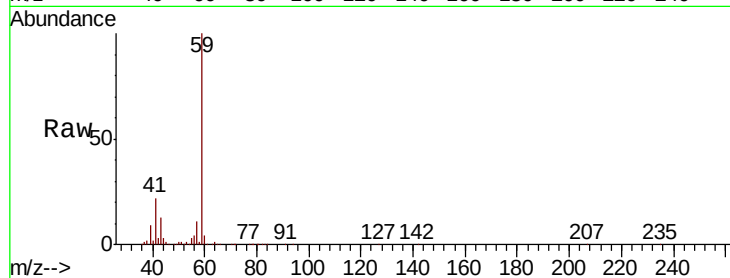
#11
Tert butyl alcohol
Concen: 240.10 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	267213
Ion Ratio	100	Lower	Upper
57	10.2	8.1	12.1

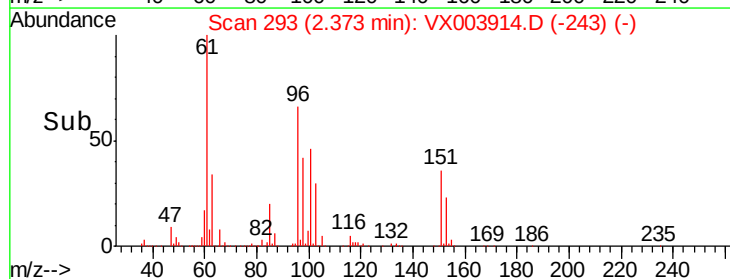
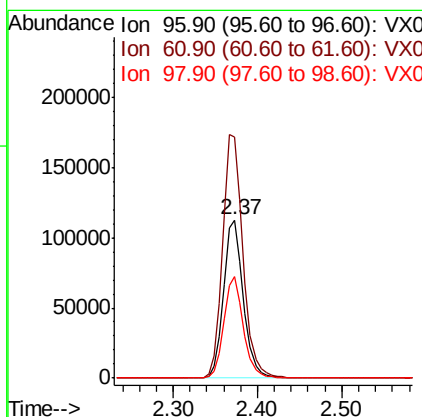
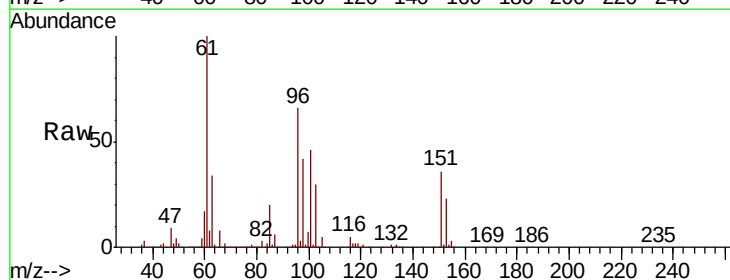
Manual Integrations
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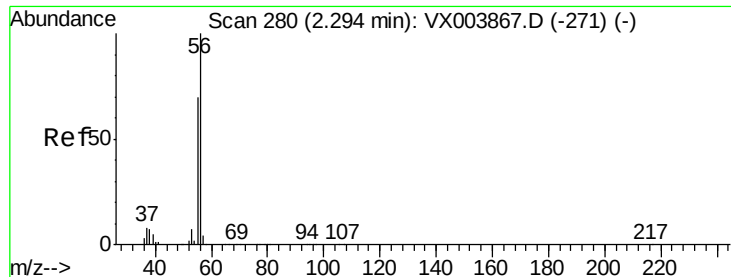
MMDadoda
8/8/2018 12:06:36 PM



#12
1,1-Dichloroethene
Concen: 48.56 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion	96	Resp	182102
Ion Ratio	100	Lower	Upper
61	152.4	131.3	196.9
98	64.0	51.8	77.6





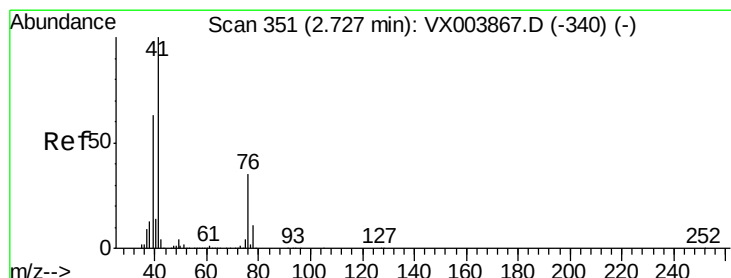
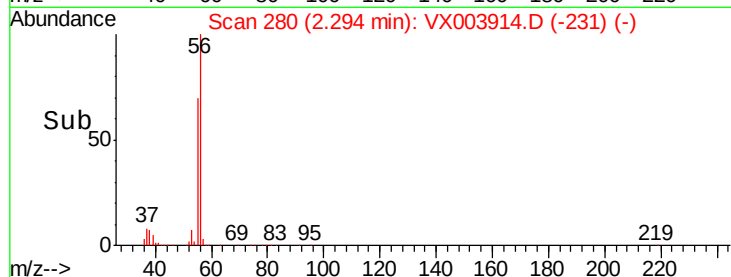
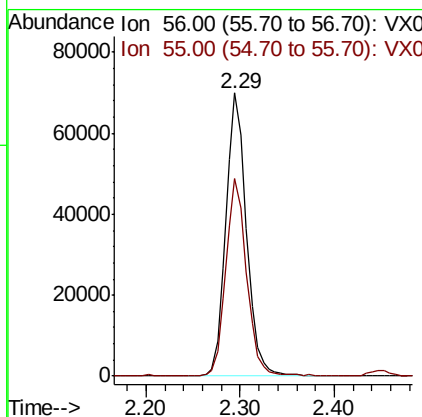
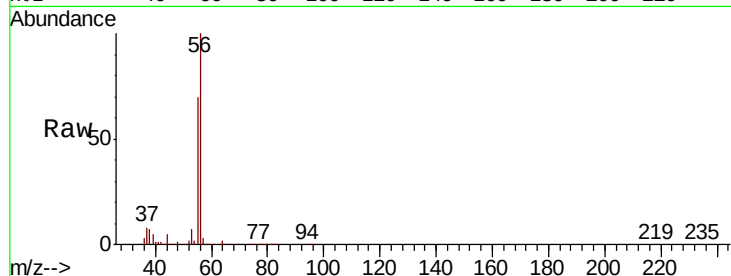
#13
 Acrolein
 Concen: 184.23 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.9	56.1	84.1

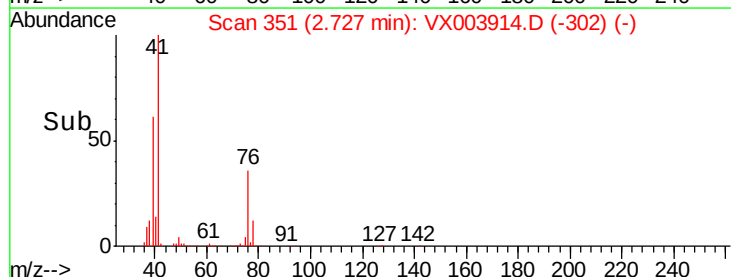
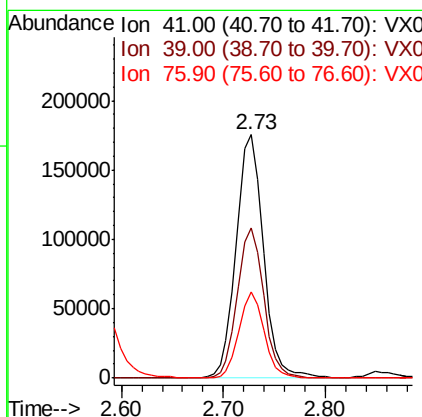
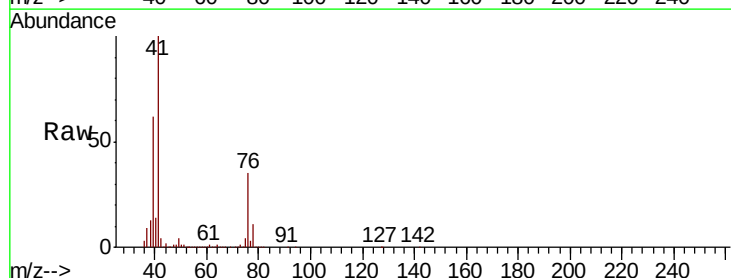
Manual Integrations
 APPROVED

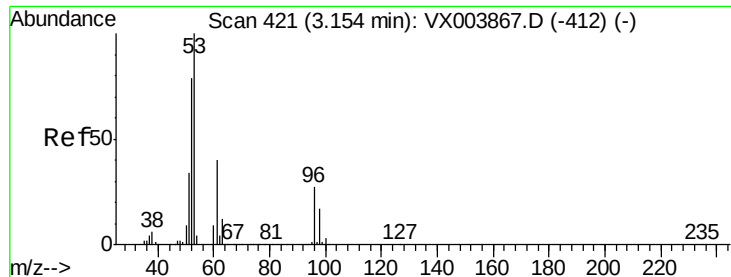
MMDadoda
 8/8/2018 12:06:36 PM



#14
 Allyl chloride
 Concen: 45.00 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.4	47.4	71.0
76	32.6	26.0	39.0





#15

Acrylonitrile

Concen: 235.85 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

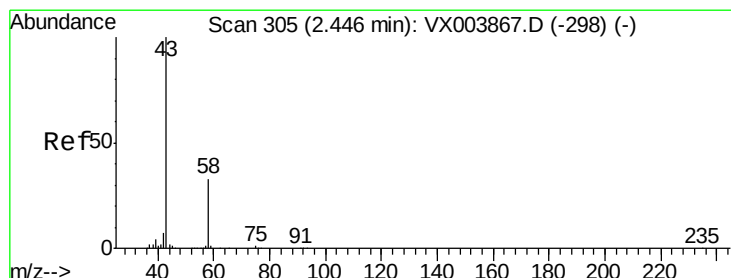
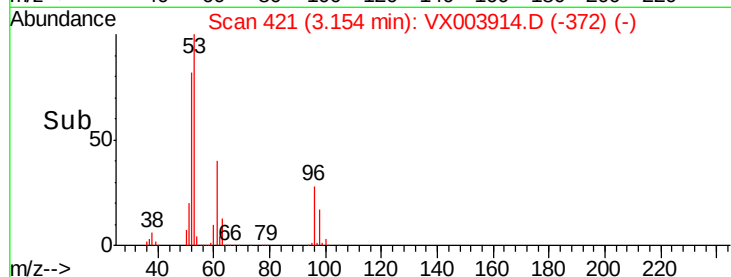
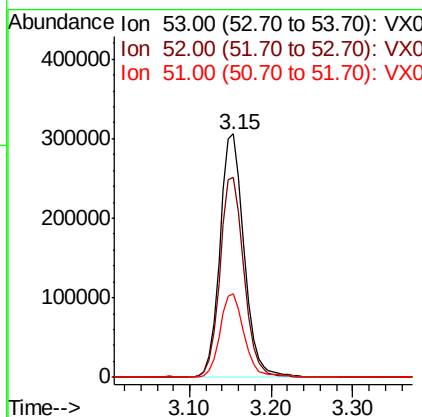
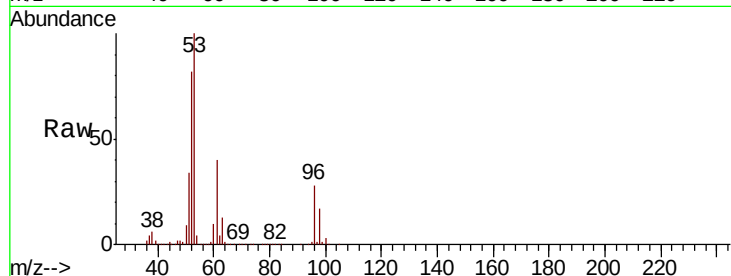
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	626313
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.3	97.9
51	34.8	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 231.40 ug/l

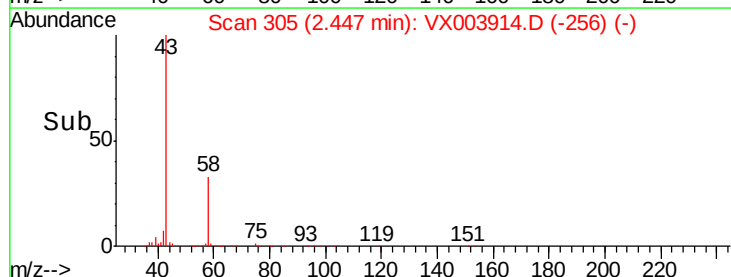
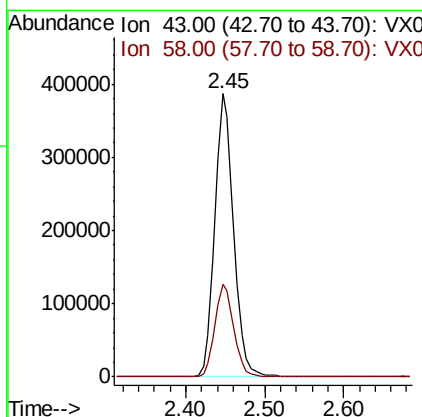
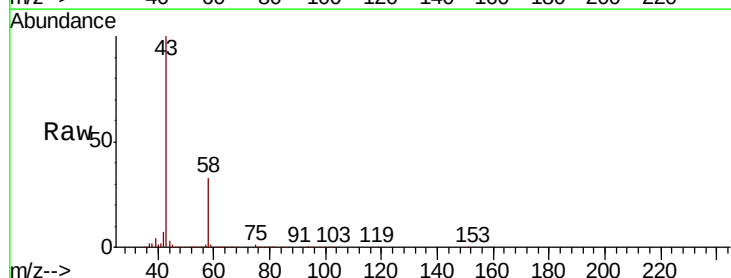
RT: 2.45 min Scan# 305

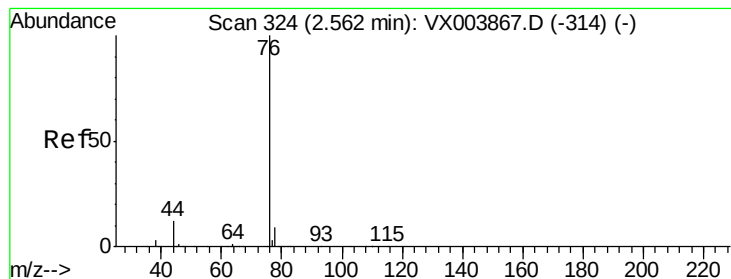
Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Tgt Ion:	43	Resp:	637577
Ion	Ratio	Lower	Upper
43	100		
58	32.8	26.4	39.6





#17

Carbon Disulfide

Concen: 46.77 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 496726

Ion Ratio Lower Upper

76 100

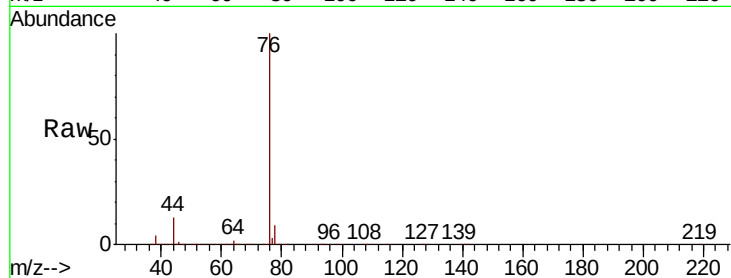
78 9.1 7.5 11.3

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

2.57

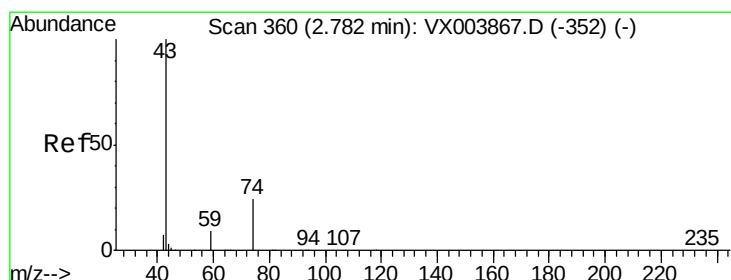
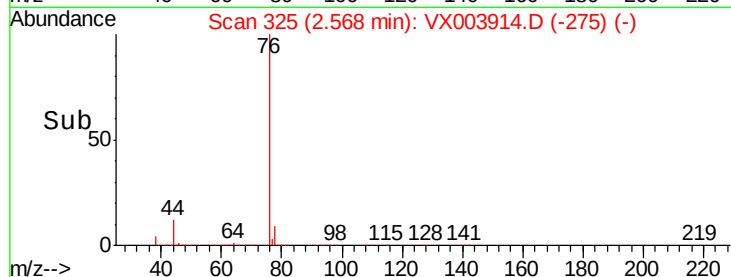
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 48.46 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003914.D

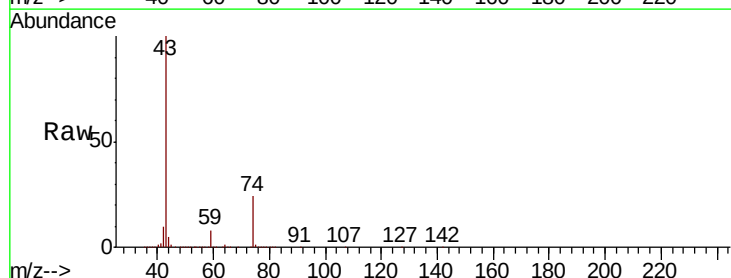
Acq: 08 Aug 2018 07:37

Tgt Ion: 43 Resp: 290744

Ion Ratio Lower Upper

43 100

74 23.8 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

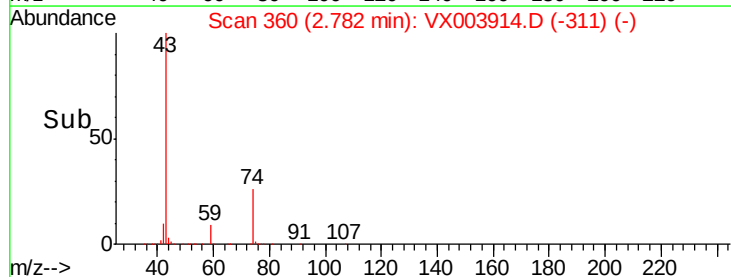
150000

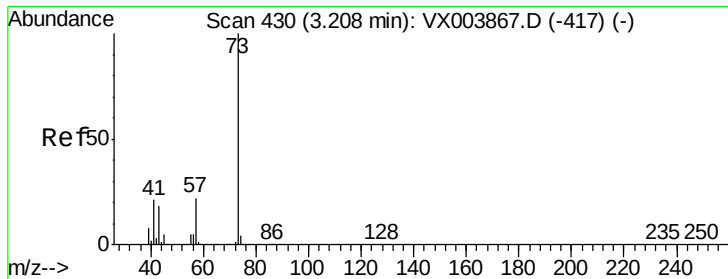
100000

50000

0

Time-->





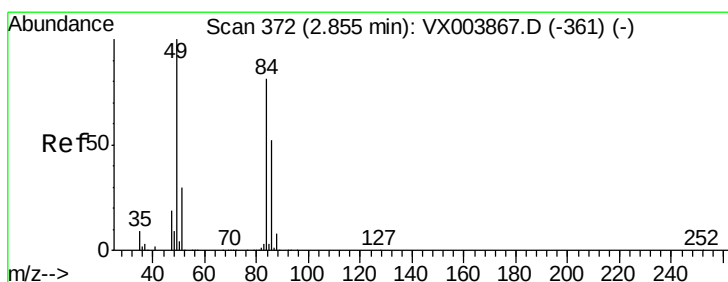
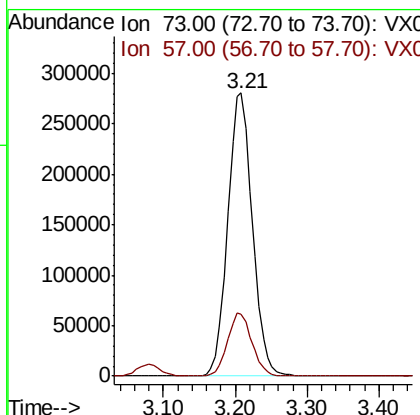
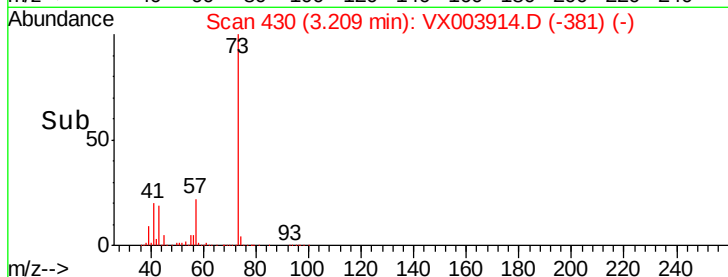
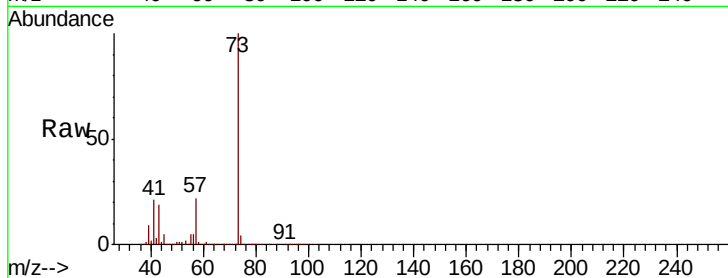
#19
Methyl tert-butyl Ether
Concen: 50.27 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	18.0	27.0

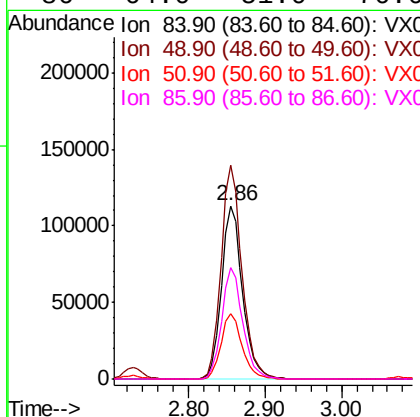
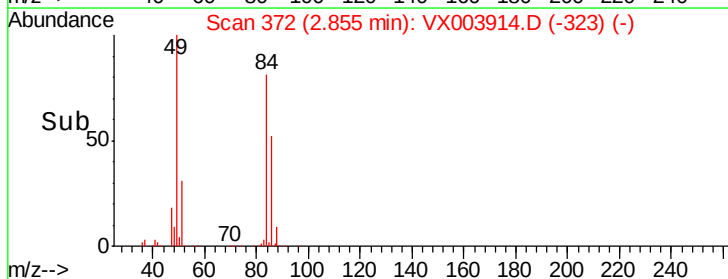
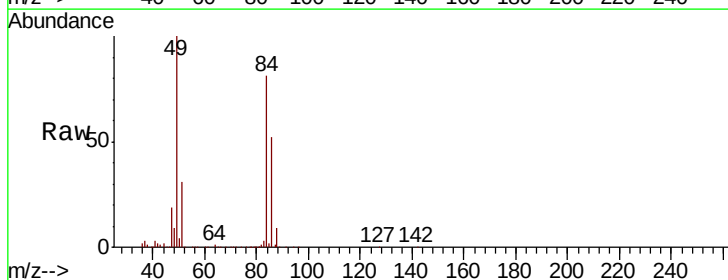
Manual Integrations
APPROVED

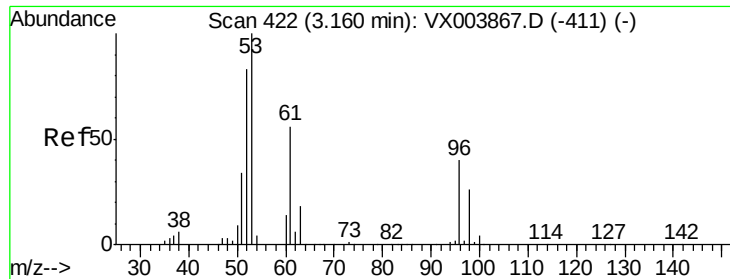
MMDadoda
8/8/2018 12:06:36 PM



#20
Methylene Chloride
Concen: 49.21 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.3	98.9	148.3
51	38.0	29.9	44.9
86	64.0	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 46.95 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

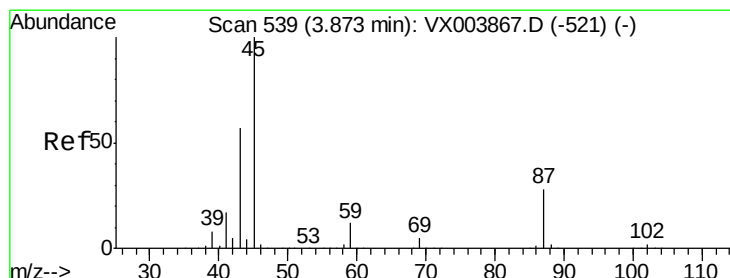
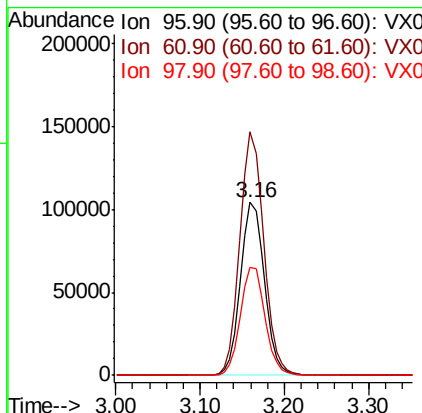
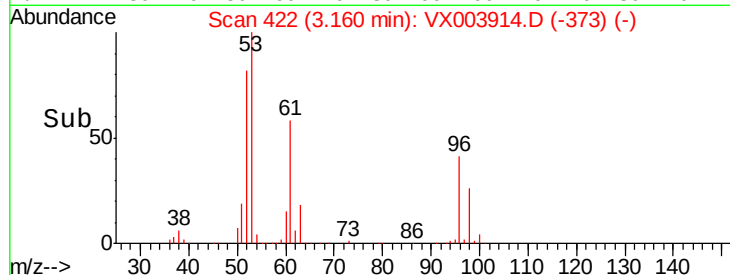
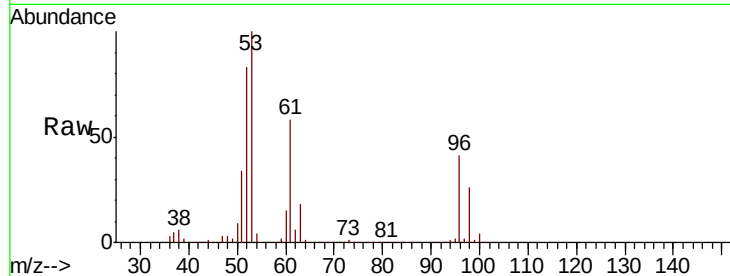
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	199864
Ion	Ratio	Lower	Upper
96	100		
61	140.7	111.8	167.6
98	62.4	51.8	77.6

Manual Integrations
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8/8/2018 12:06:36 PM



#22

Diisopropyl ether

Concen: 49.17 ug/l

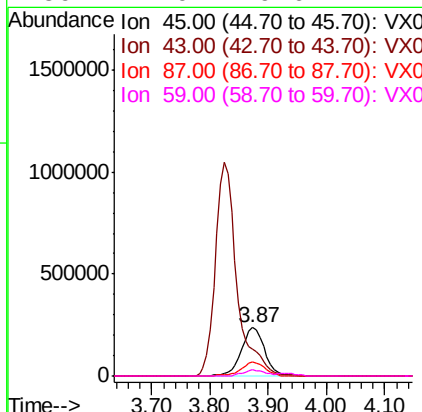
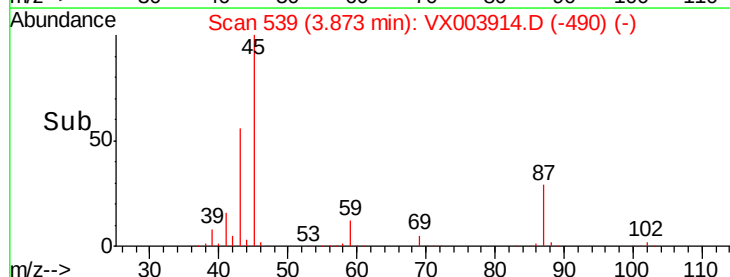
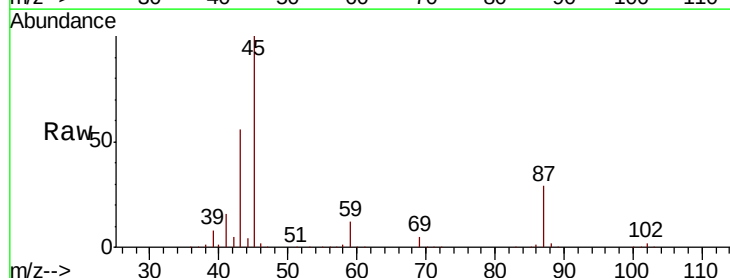
RT: 3.87 min Scan# 539

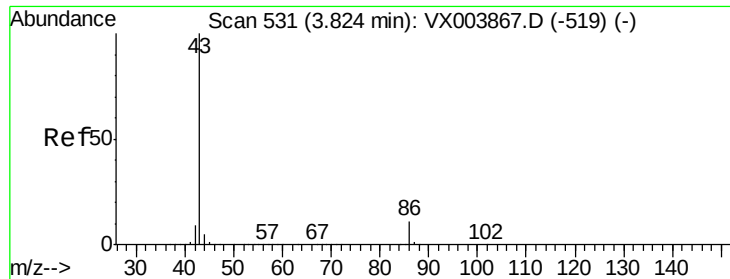
Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Tgt Ion:	45	Resp:	653400
Ion	Ratio	Lower	Upper
45	100		
43	56.1	45.3	67.9
87	28.8	22.7	34.1
59	12.0	9.6	14.4





#23

Vinyl Acetate

Concen: 243.06 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2687335

Ion Ratio Lower Upper

43 100

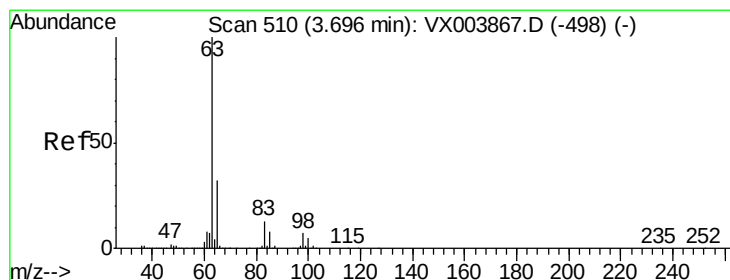
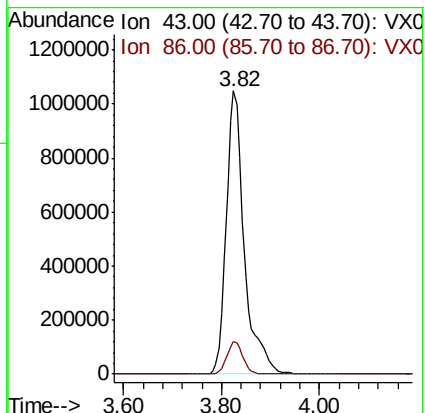
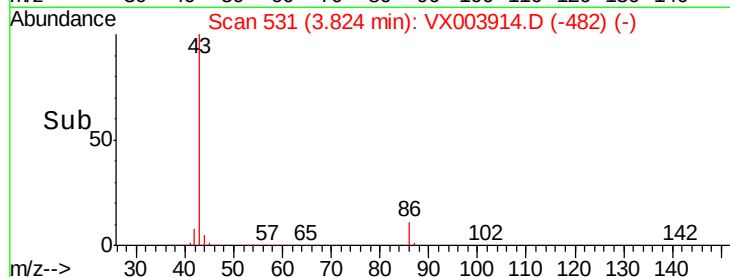
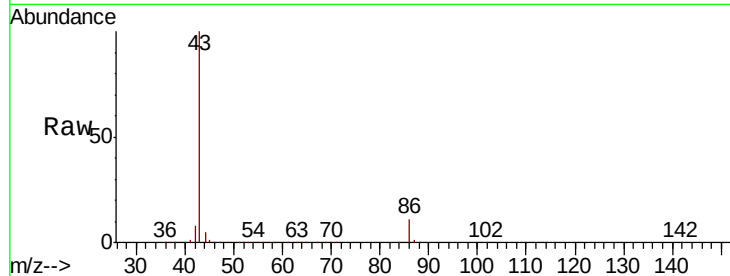
86 11.4 8.9 13.3

Manual Integrations

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8/8/2018 12:06:36 PM



#24

1,1-Dichloroethane

Concen: 46.21 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

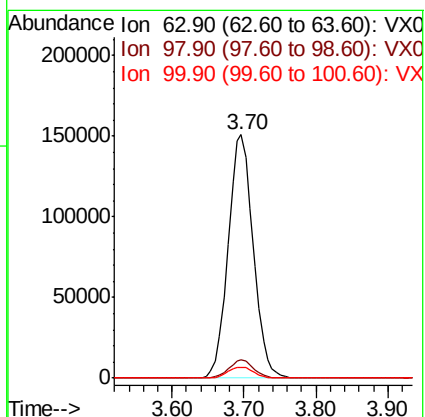
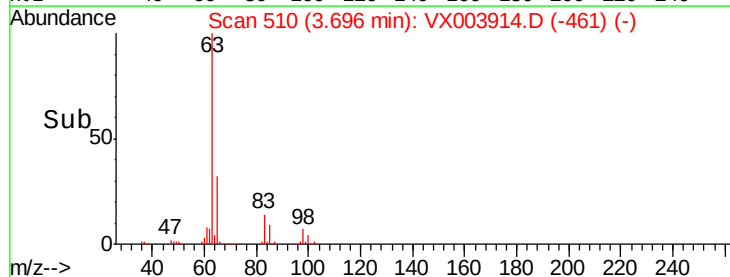
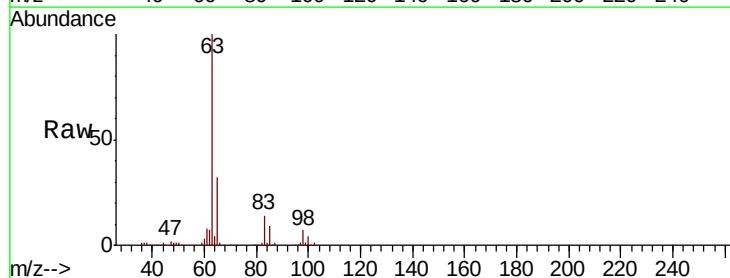
Tgt Ion: 63 Resp: 364758

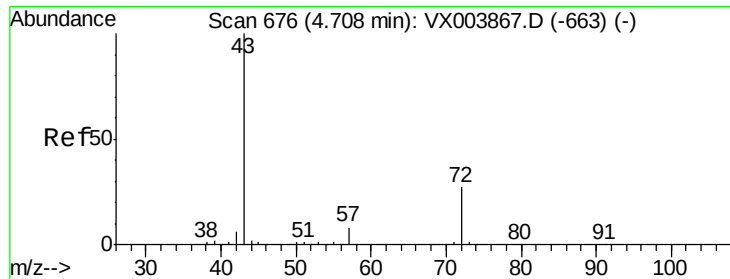
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.5

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 239.23 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 991061

Ion Ratio Lower Upper

43 100

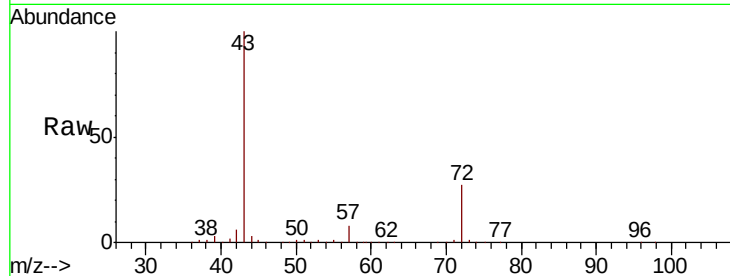
72 27.2 21.4 32.0

Manual Integrations

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MMDadoda

8/8/2018 12:06:36 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

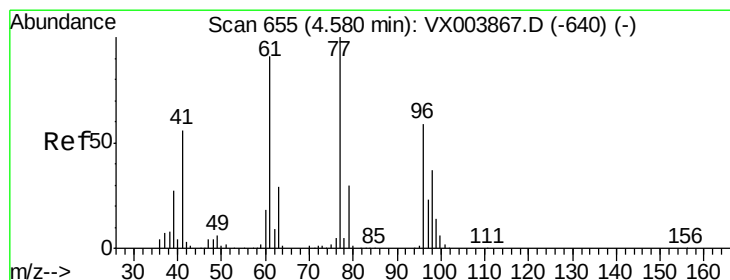
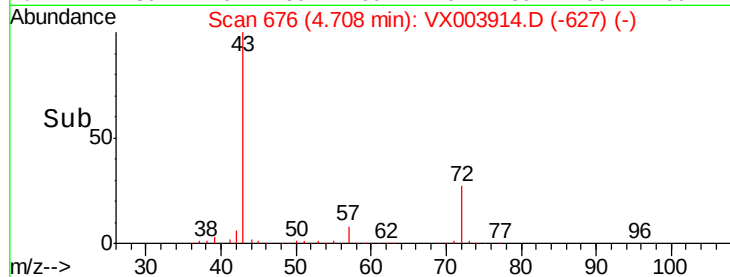
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 22.05 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX003914.D

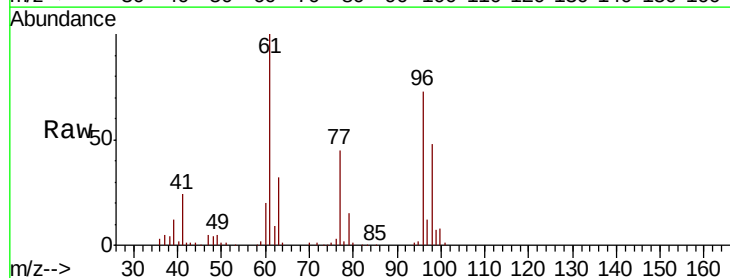
Acq: 08 Aug 2018 07:37

Tgt Ion: 77 Resp: 125523

Ion Ratio Lower Upper

77 100

97 27.2 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

40000

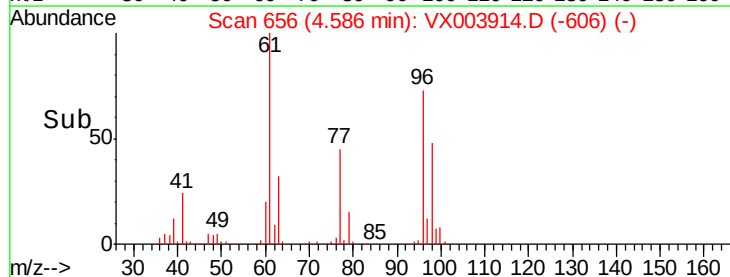
30000

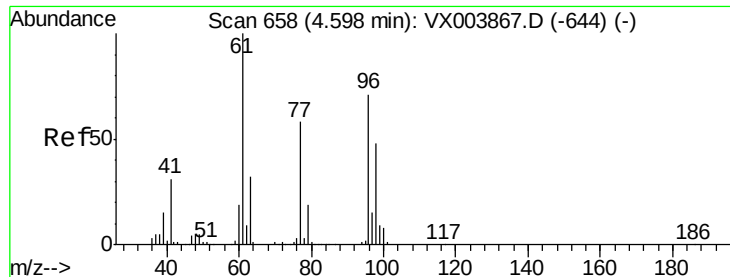
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 48.89 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

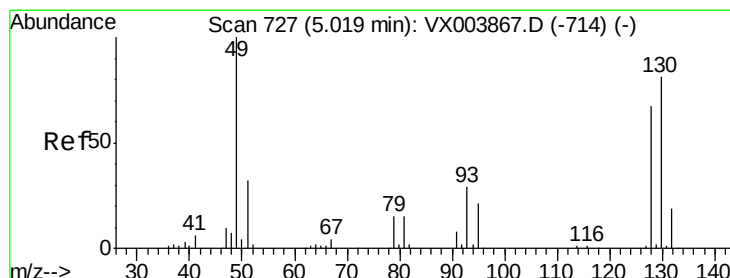
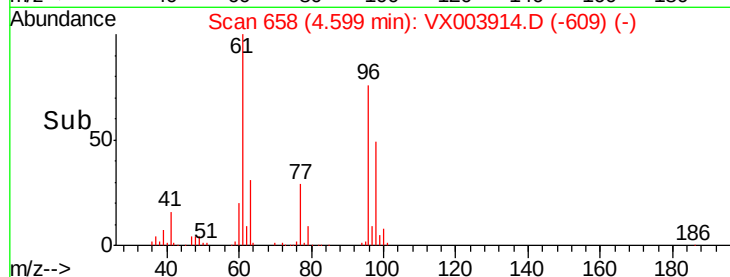
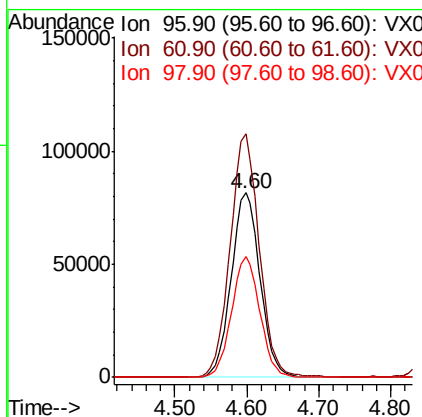
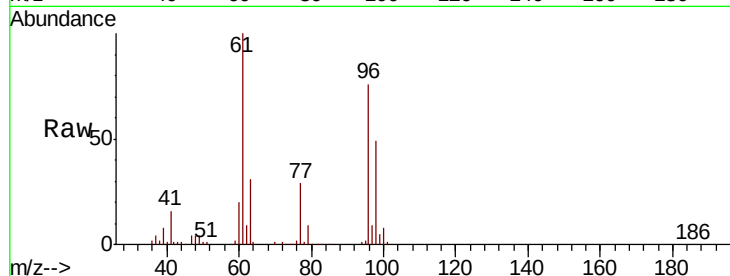
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	225830
Ion	Ratio	Lower	Upper
96	100		
61	134.3	0.0	293.0
98	64.5	0.0	131.8

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#28

Bromochloromethane

Concen: 49.71 ug/l

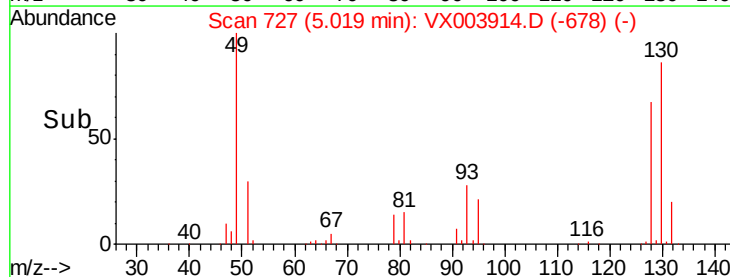
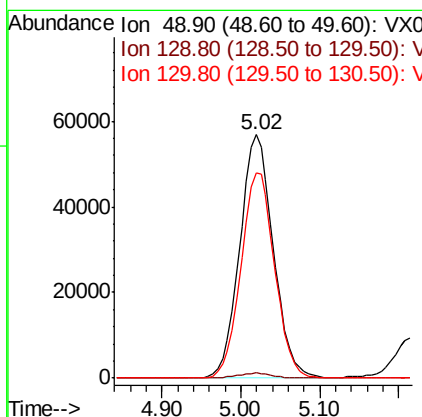
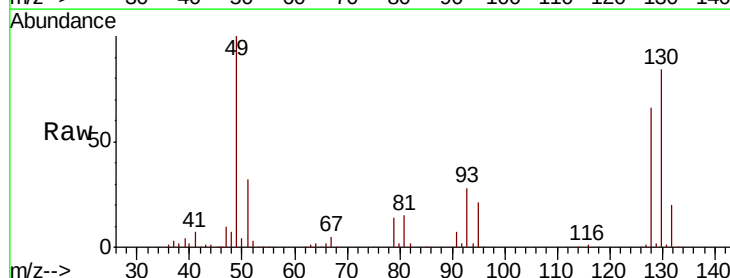
RT: 5.02 min Scan# 727

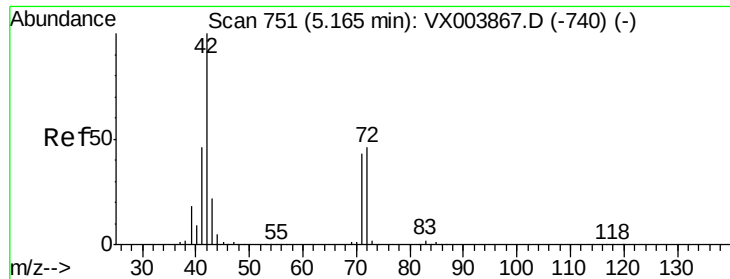
Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Tgt Ion:	49	Resp:	167905
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	84.9	66.5	99.7





#29

Tetrahydrofuran

Concen: 238.27 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX003914.D

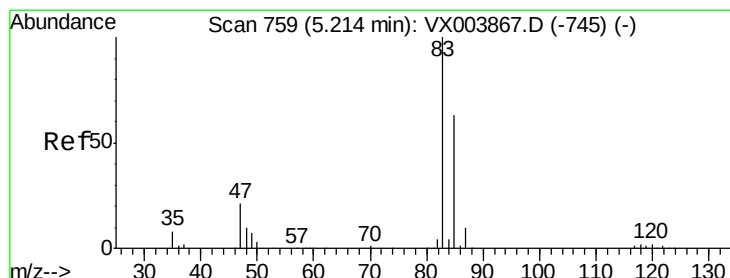
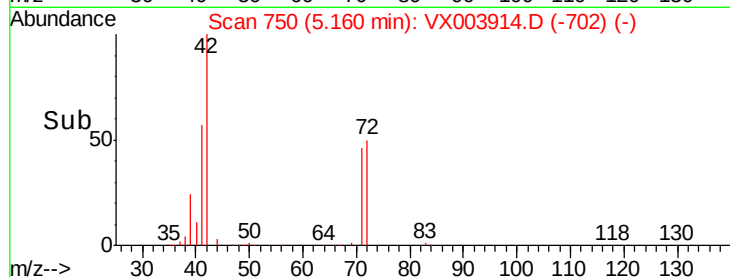
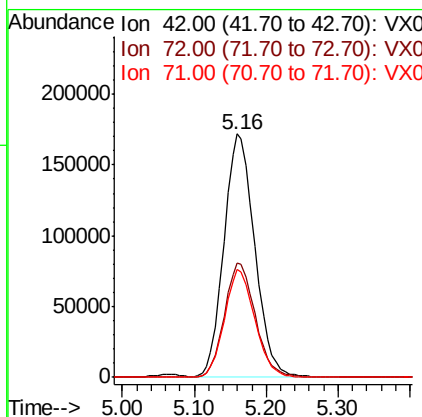
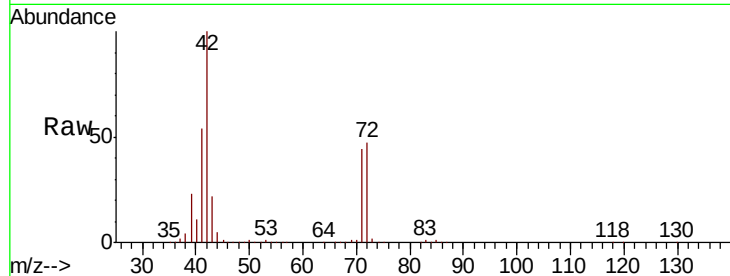
Acq: 08 Aug 2018 07:37

Tot Ion:	42	Resp:	507341
Ion	Ratio	Lower	Upper
42	100		
72	47.6	37.7	56.5
71	43.9	35.0	52.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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#30

Chloroform

Concen: 49.46 ug/l

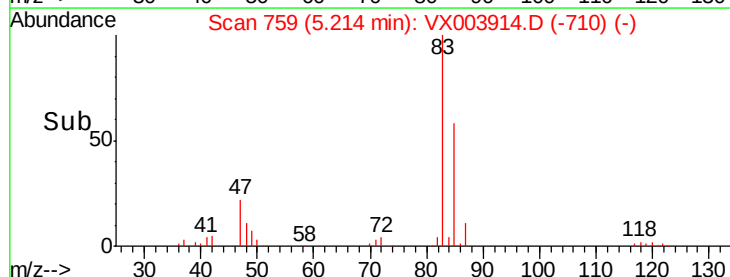
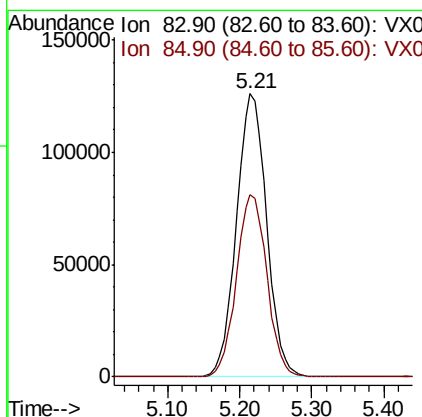
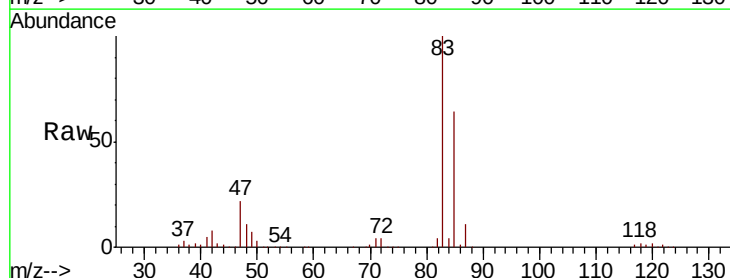
RT: 5.21 min Scan# 759

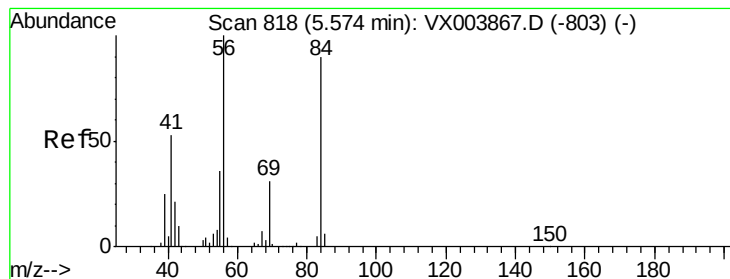
Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Tgt Ion:	83	Resp:	367550
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.7	76.1





#31

Cyclohexane

Concen: 48.40 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

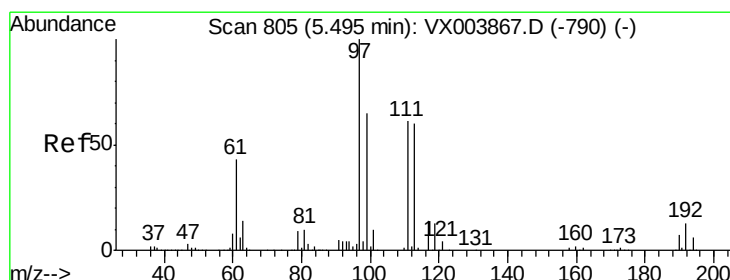
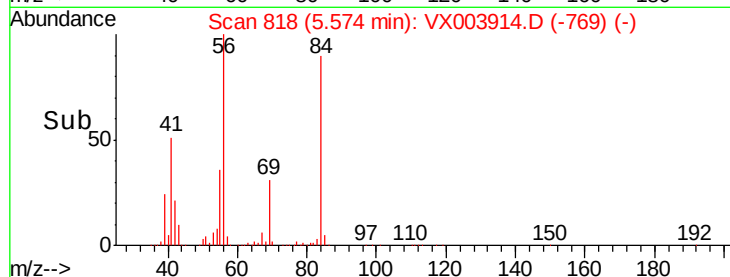
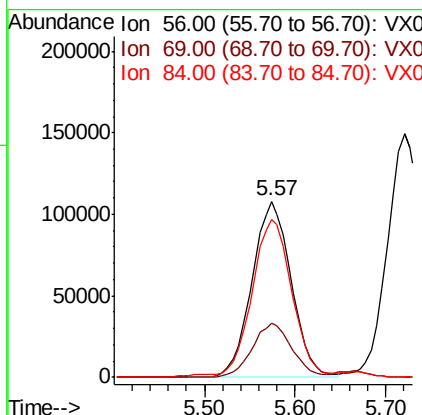
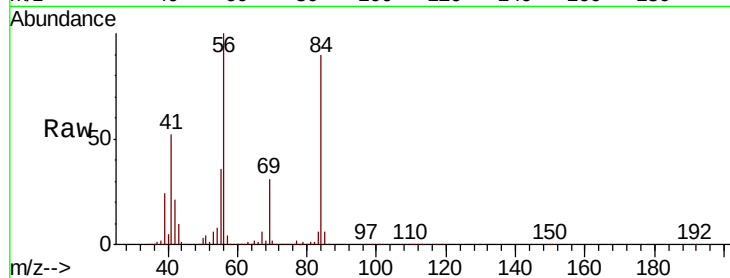
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	323057
Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.9	37.3
84	88.5	71.7	107.5

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#32

1,1,1-Trichloroethane

Concen: 50.23 ug/l

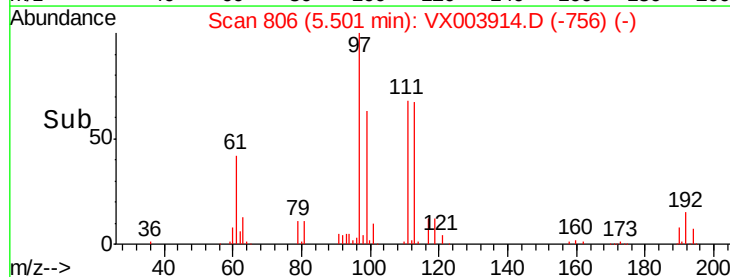
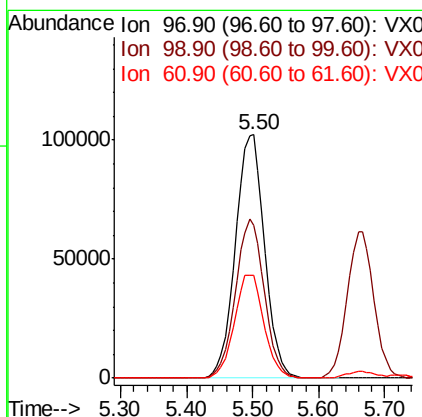
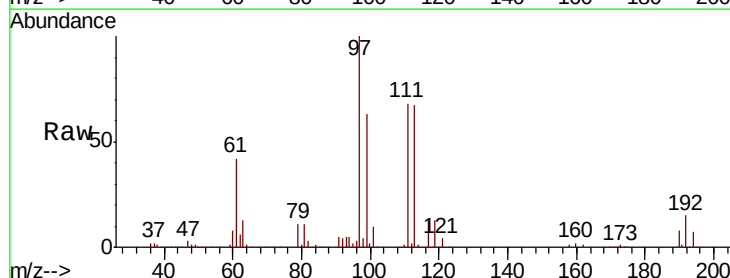
RT: 5.50 min Scan# 806

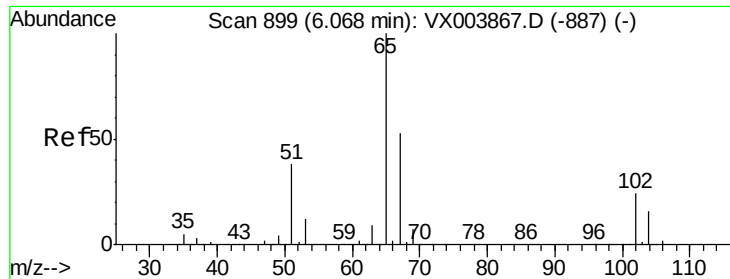
Delta R.T. 0.01 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Tgt Ion:	97	Resp:	312979
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.8
61	43.1	34.4	51.6





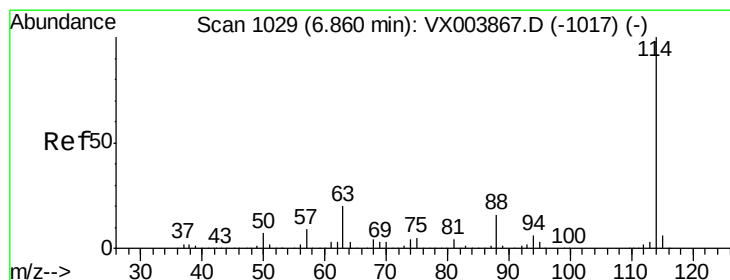
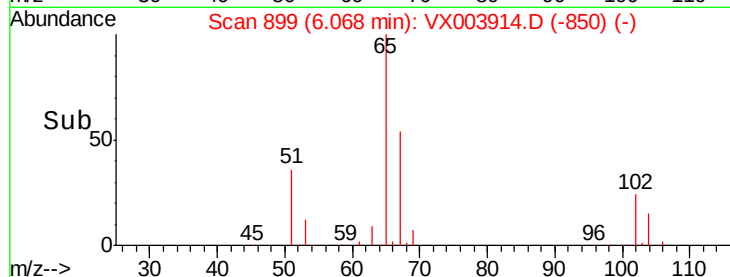
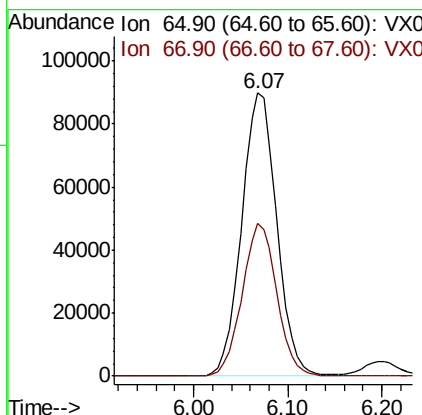
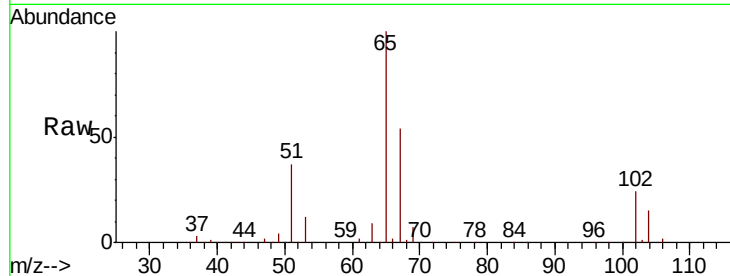
#33
 1,2-Dichloroethane-d4
 Concen: 50.32 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.8

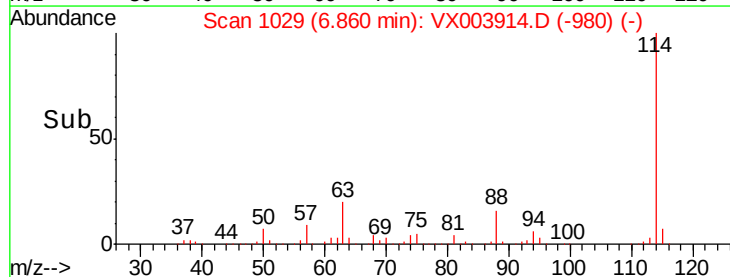
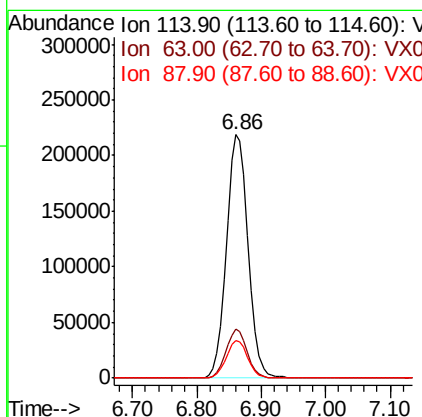
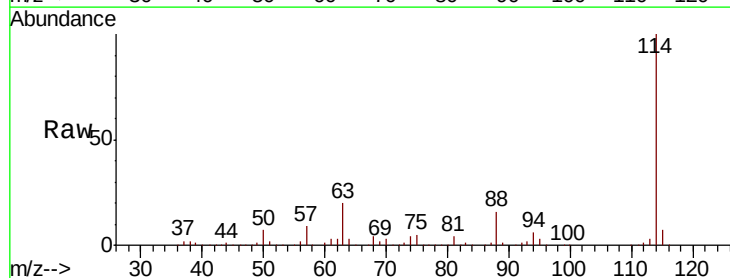
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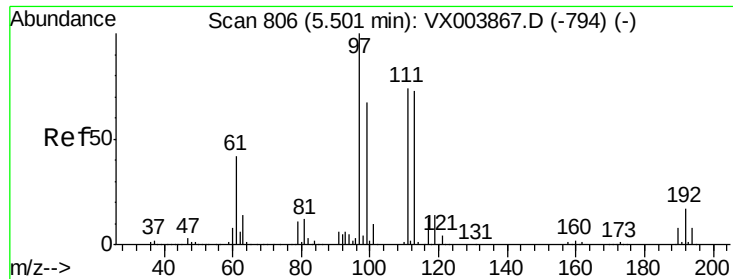
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.0
88	15.6	0.0	32.0





#35

Dibromofluoromethane

Concen: 49.59 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

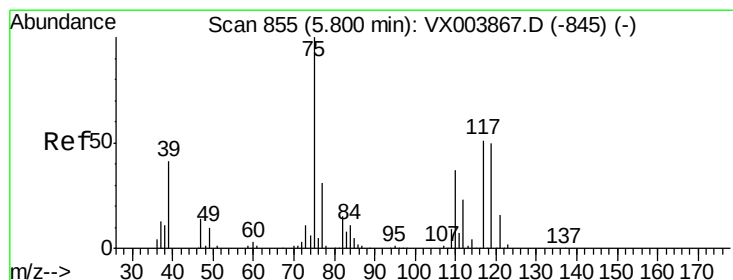
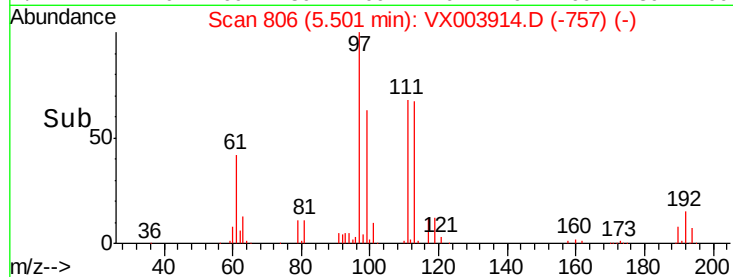
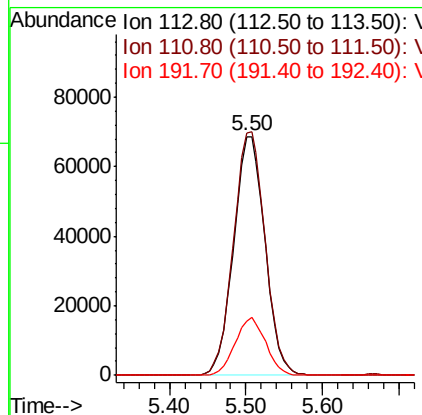
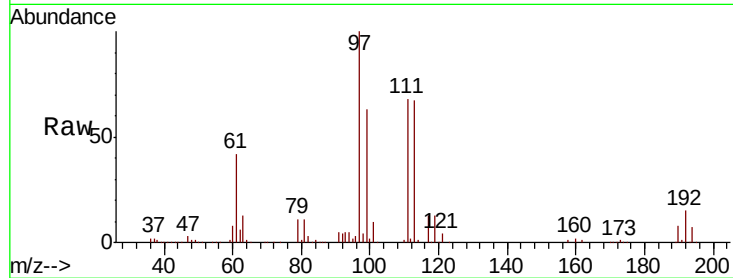
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	194980
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.0	123.0
192	23.7	19.0	28.4

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#36

1,1-Dichloropropene

Concen: 48.15 ug/l

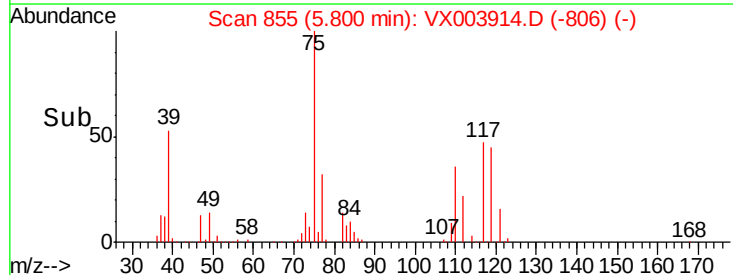
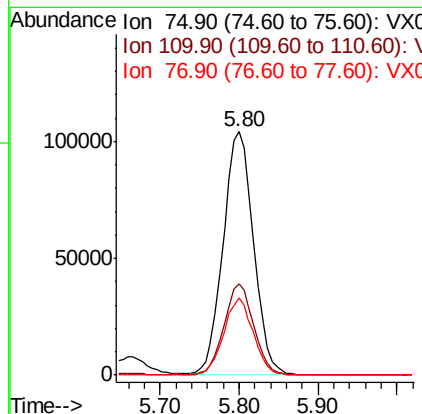
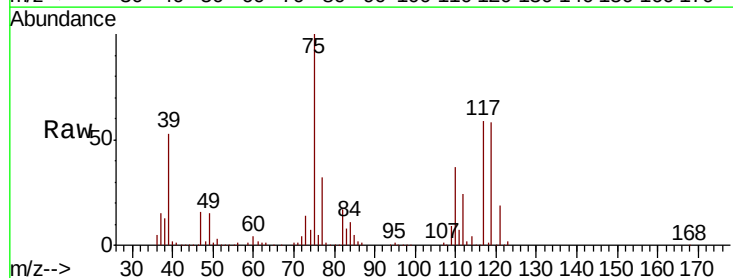
RT: 5.80 min Scan# 855

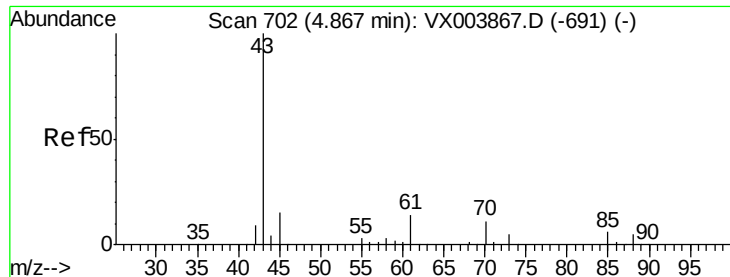
Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Tgt Ion:	75	Resp:	279904
Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.2	54.6
77	30.8	25.0	37.4





#37

Ethyl Acetate

Concen: 47.69 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.01 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

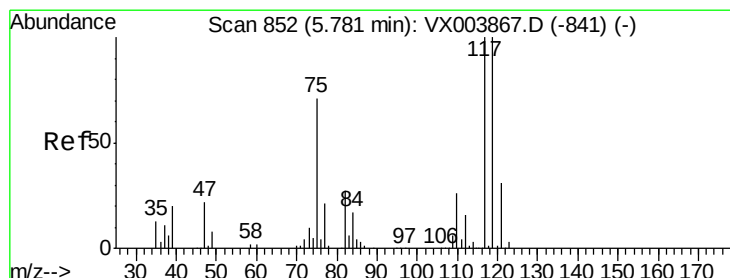
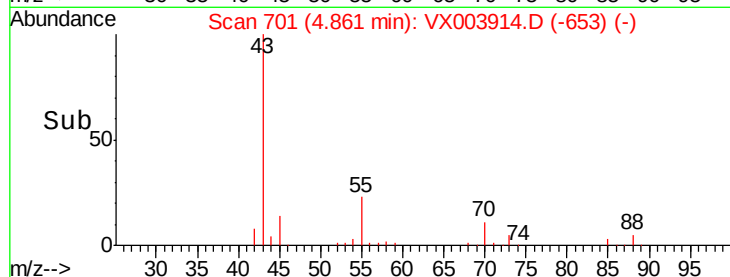
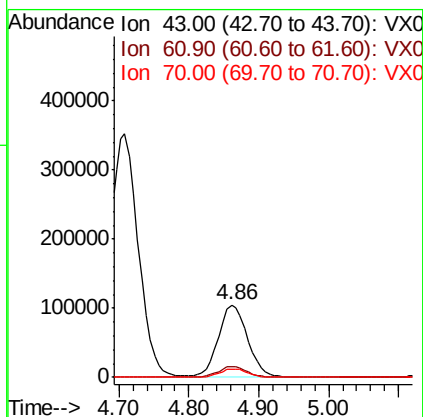
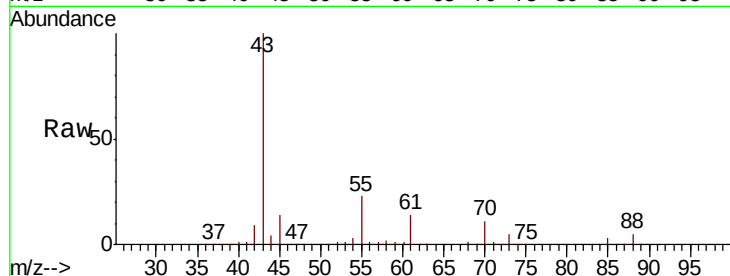
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	304951
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.5	17.3
70	11.5	9.0	13.4

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#38

Carbon Tetrachloride

Concen: 49.21 ug/l

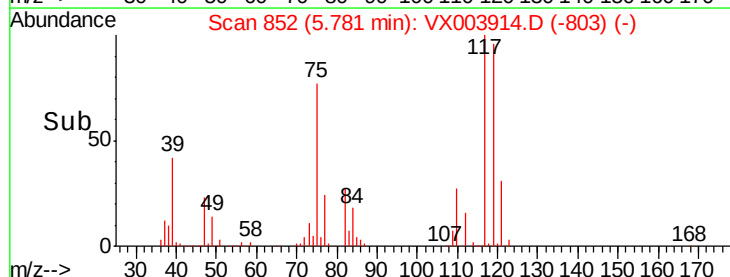
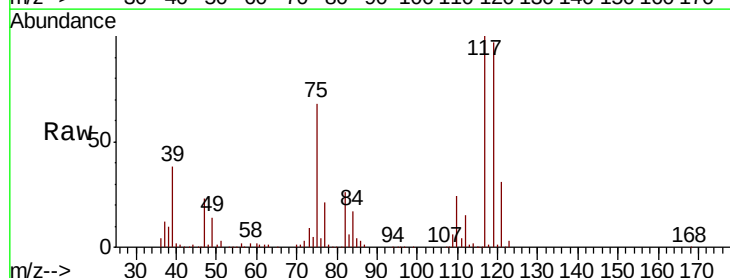
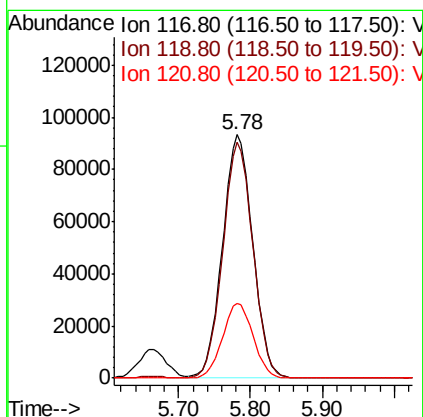
RT: 5.78 min Scan# 852

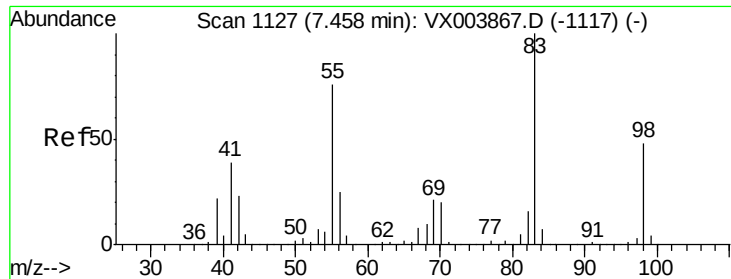
Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Tgt Ion:	117	Resp:	272282
Ion	Ratio	Lower	Upper
117	100		
119	96.8	79.5	119.3
121	30.5	25.0	37.4





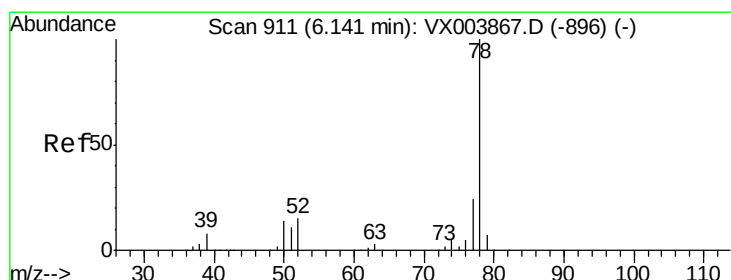
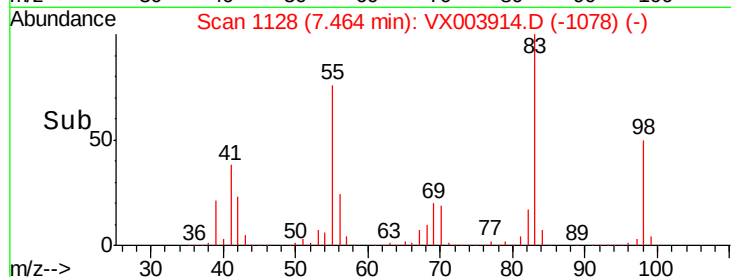
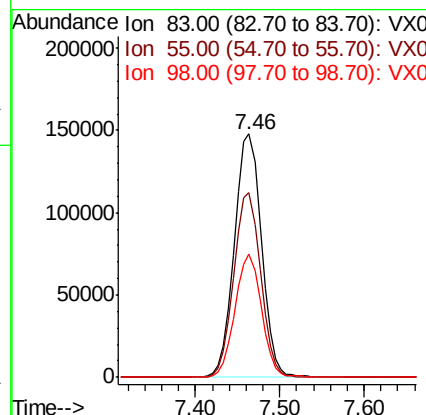
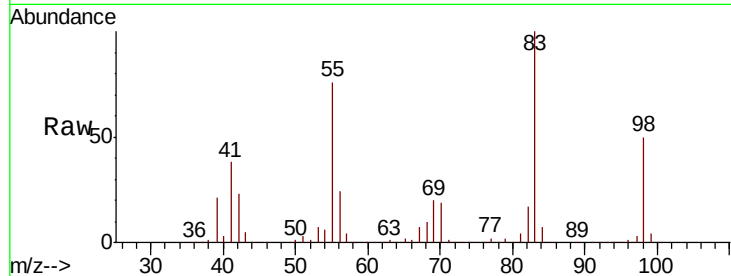
#39
Methylvlcyclohexane
Concen: 46.95 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	61.0	91.6
98	50.4	38.6	57.8

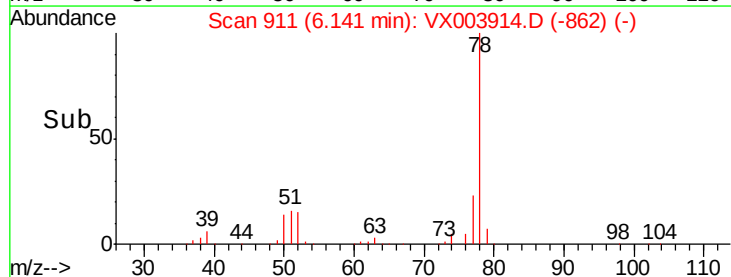
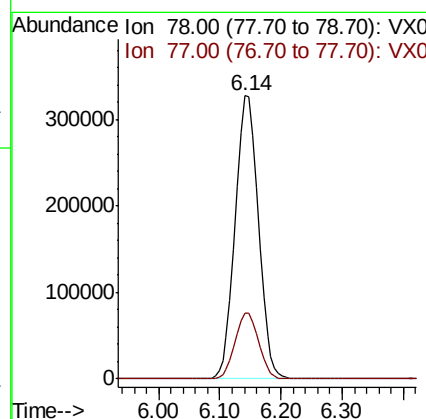
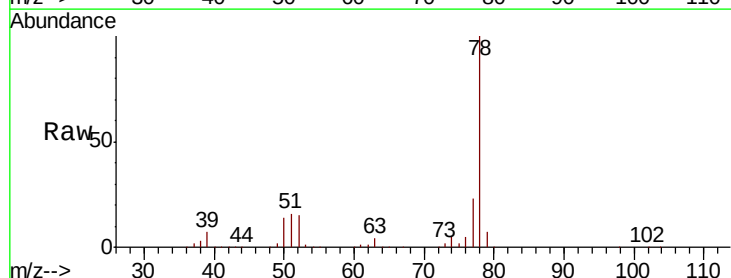
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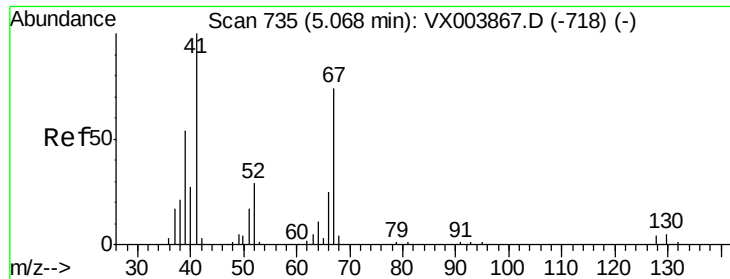
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#40
Benzene
Concen: 49.13 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





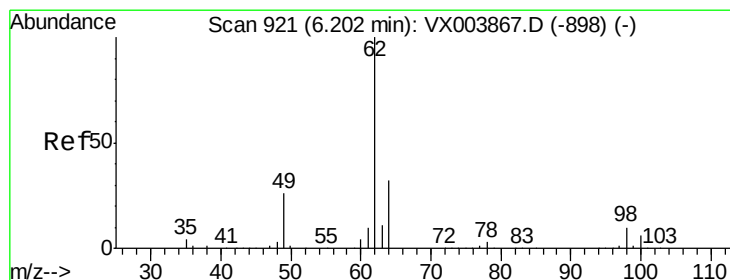
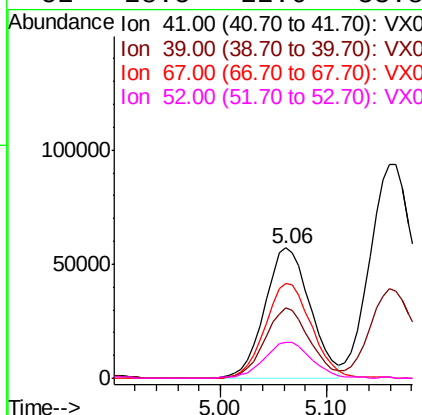
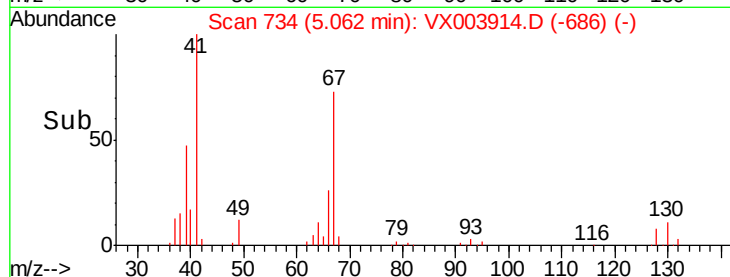
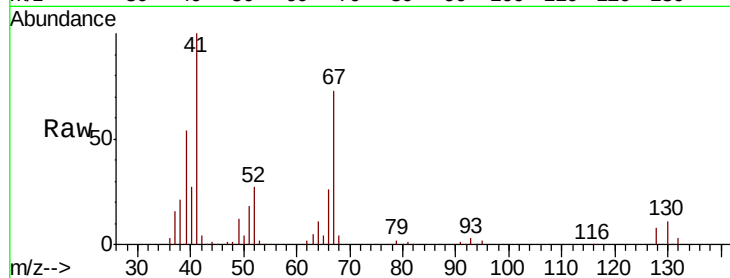
#41
Methacrylonitrile
Concen: 47.71 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.3	42.7	64.1	
67	75.3	58.9	88.3	
52	28.5	22.6	33.8	

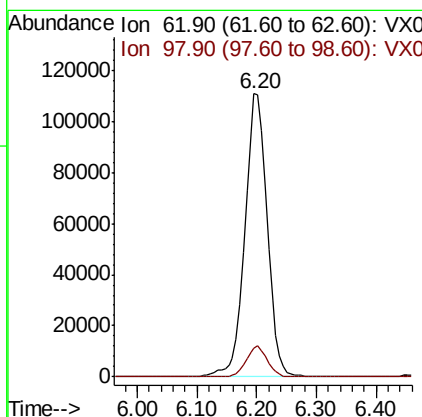
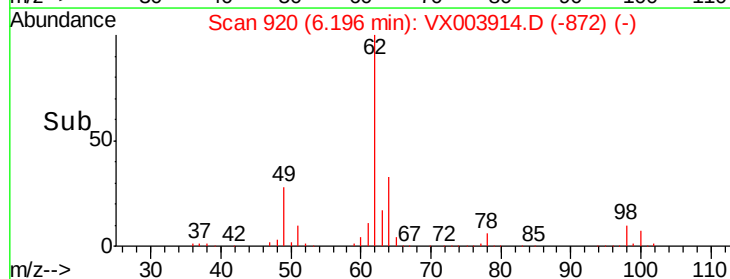
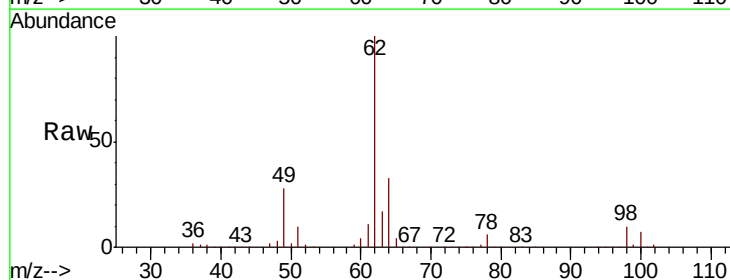
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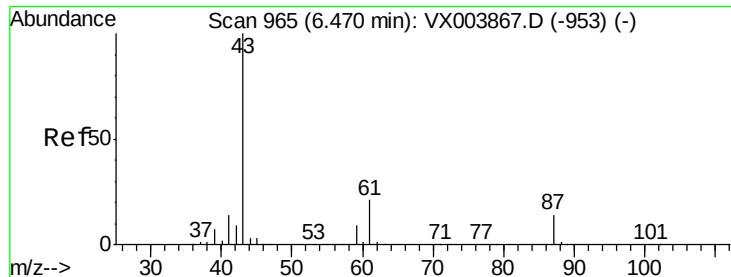
MMDadoda
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#42
1,2-Dichloroethane
Concen: 48.96 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	0.0	20.4	





#43

Isopropyl Acetate

Concen: 49.11 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

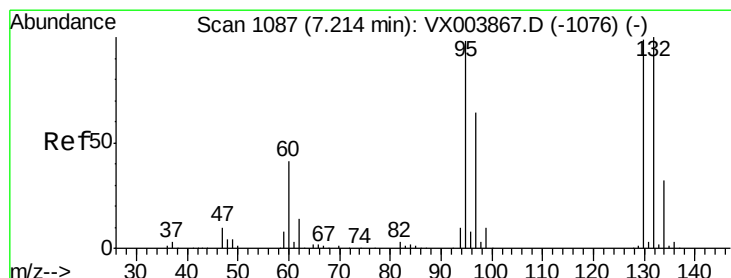
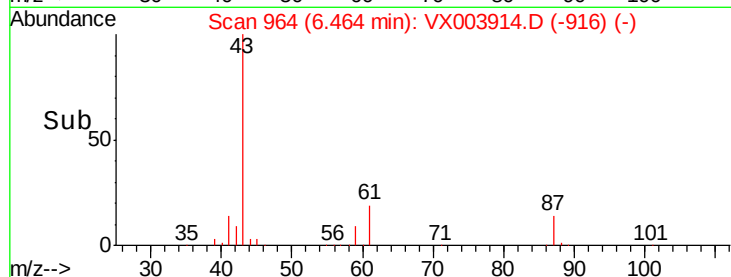
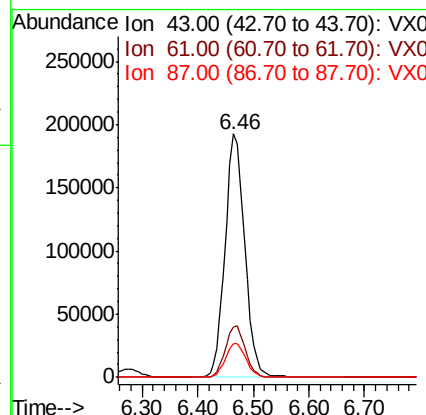
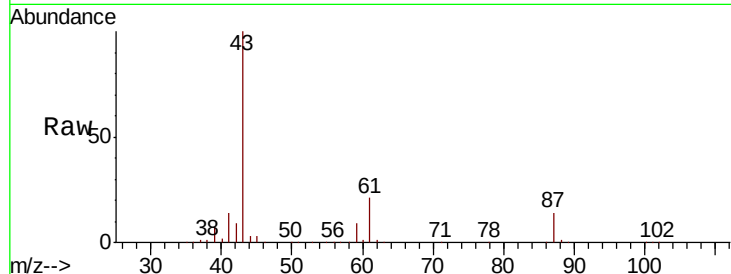
ClientSampled :

VSTDCCC050EC

Tot Ion:	43	Resp:	472557
Ion	Ratio	Lower	Upper
43	100		
61	21.4	16.9	25.3
87	14.4	11.3	16.9

Manual Integrations
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#44

Trichloroethene

Concen: 48.16 ug/l

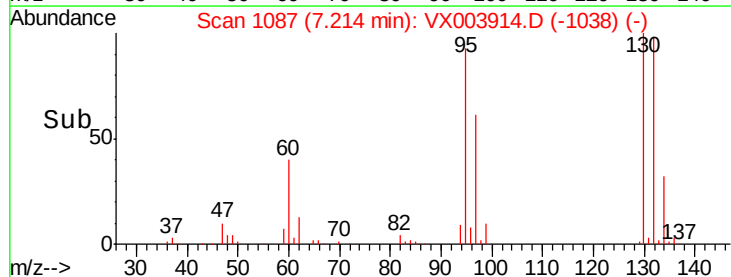
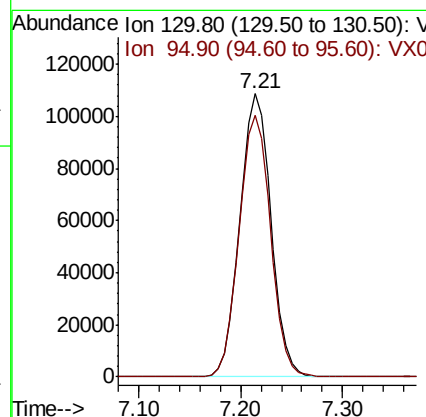
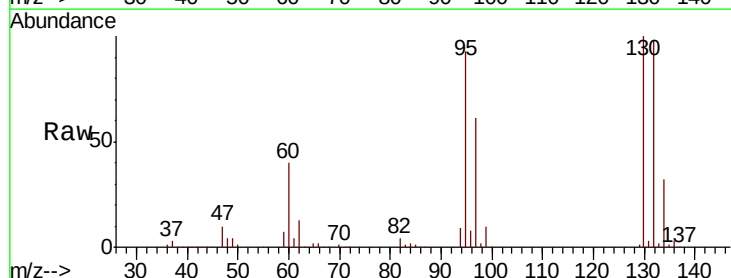
RT: 7.21 min Scan# 1087

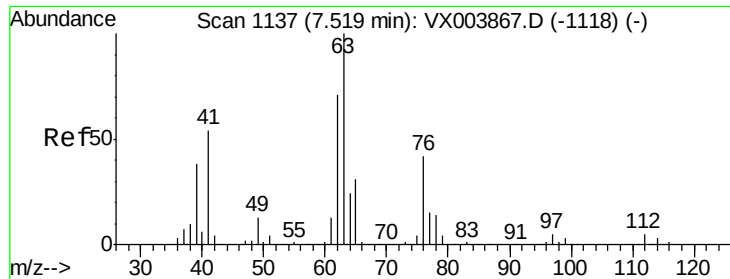
Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Tgt Ion:	130	Resp:	229895
Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	199.4





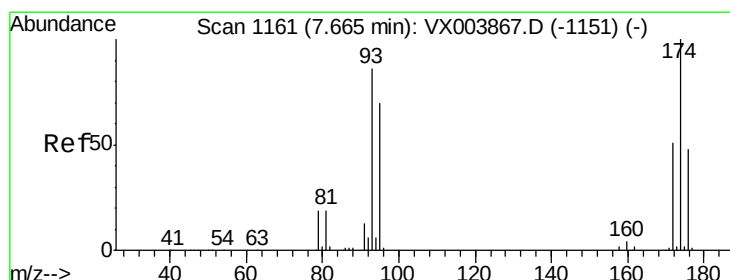
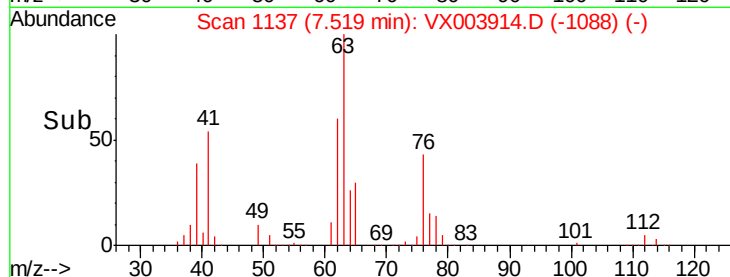
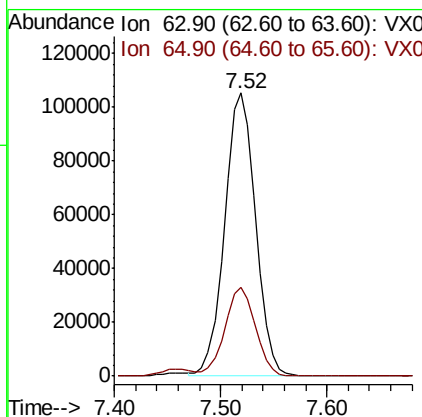
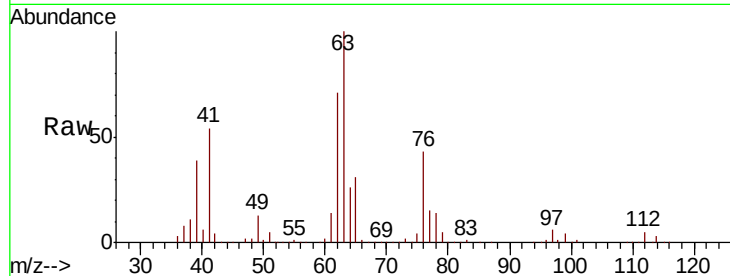
#45
 1,2-Dichloropropane
 Concen: 47.36 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.6	36.8

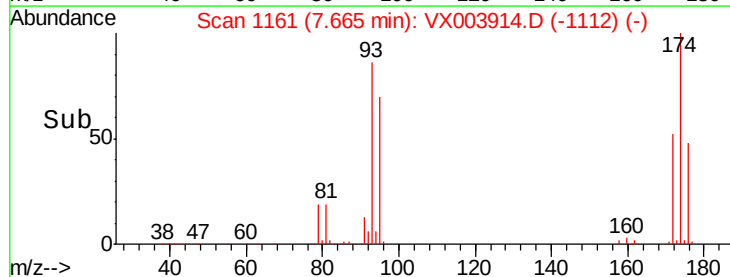
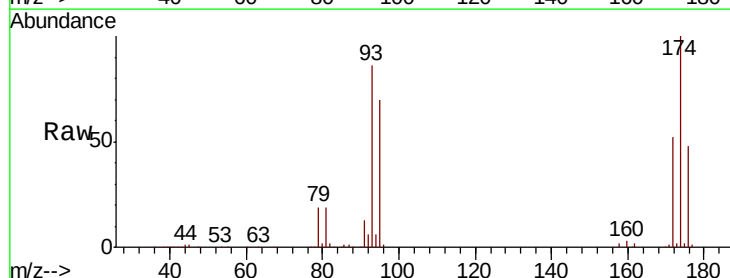
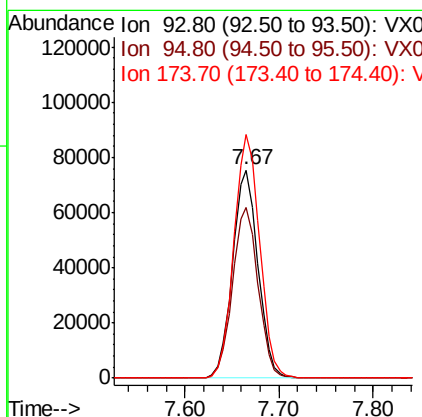
Manual Integrations
 APPROVED

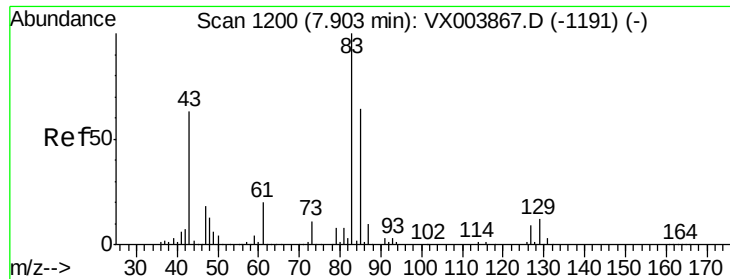
MMDadoda
 8/8/2018 12:06:36 PM



#46
 Dibromomethane
 Concen: 48.28 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	66.4	99.6
174	118.5	94.3	141.5





#47

Bromodichloromethane

Concen: 49.56 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

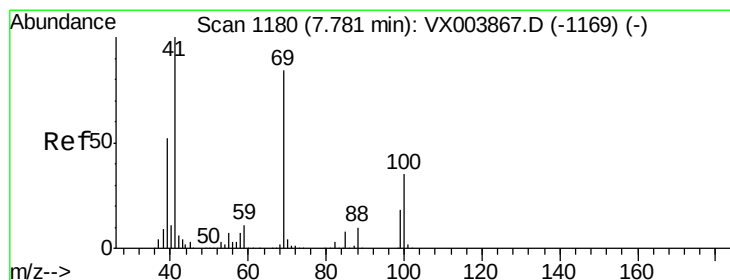
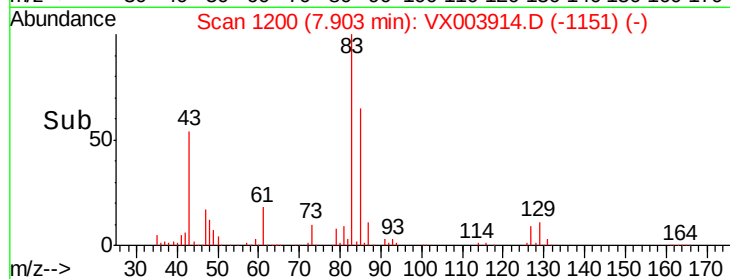
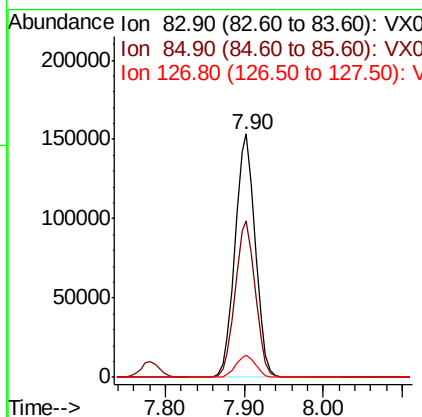
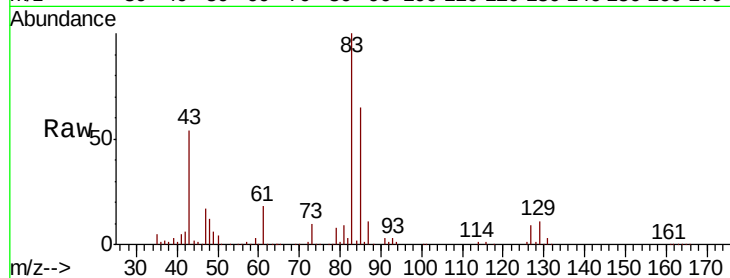
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	273214
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.2	76.8
127	9.1	7.2	10.8

Manual Integrations
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MMDadoda
8/8/2018 12:06:36 PM



#48

Methyl methacrylate

Concen: 50.29 ug/l

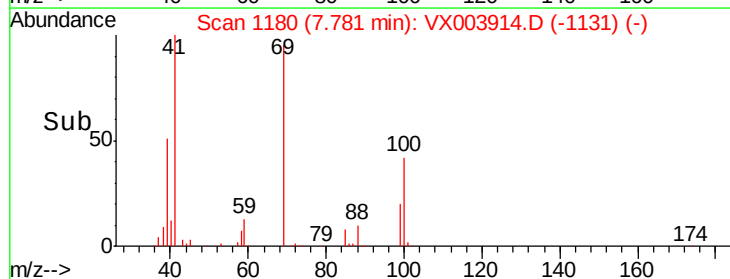
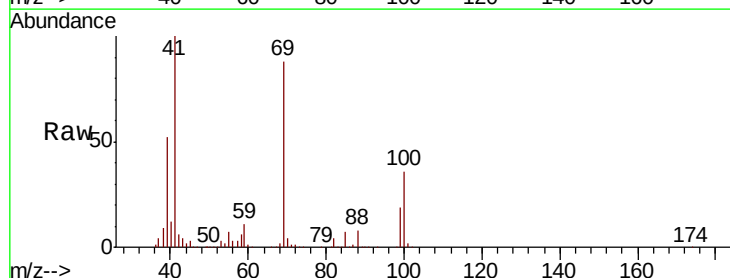
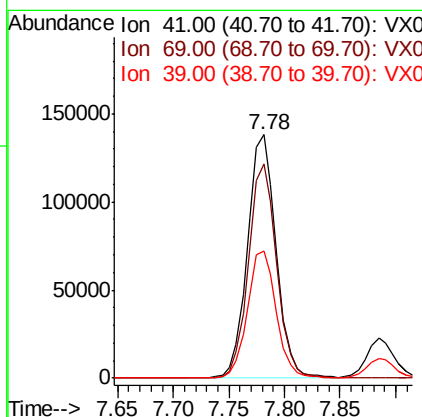
RT: 7.78 min Scan# 1180

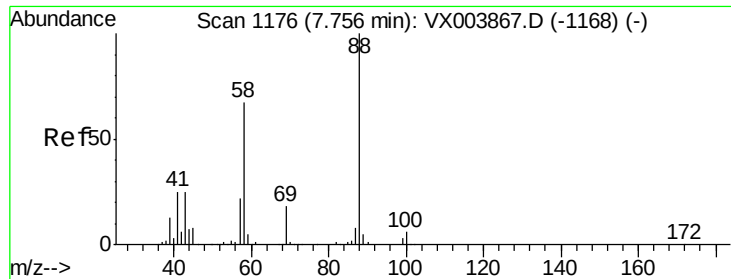
Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Tgt Ion:	41	Resp:	245979
Ion	Ratio	Lower	Upper
41	100		
69	87.5	68.8	103.2
39	52.5	42.3	63.5





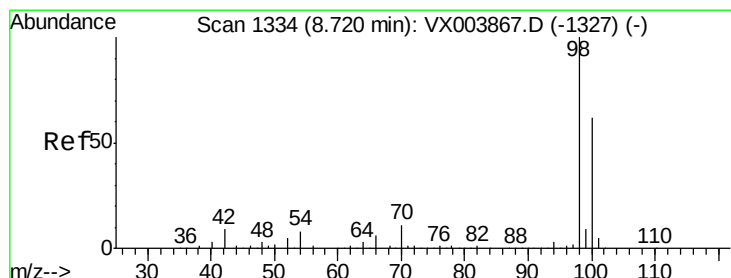
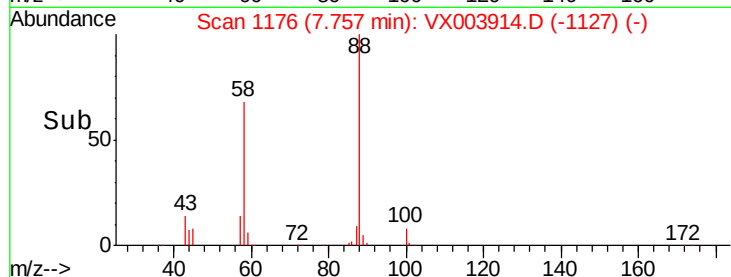
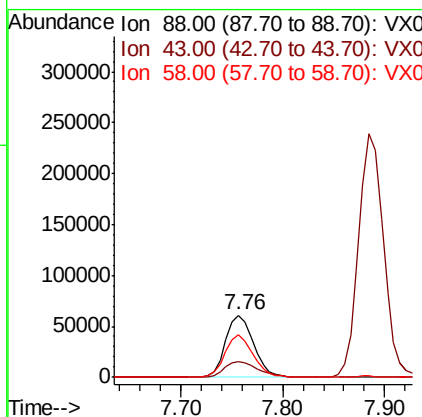
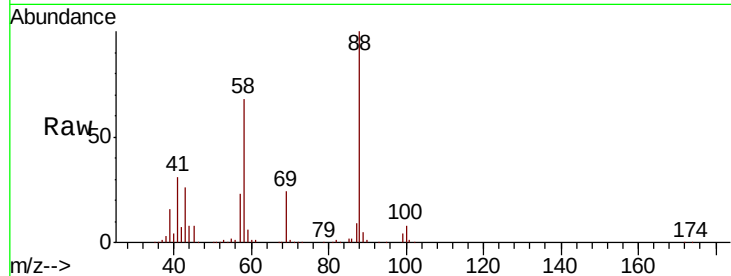
#49
1,4-Dioxane
Concen: 1006.30 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.3	23.8	35.8
58	68.7	55.4	83.0

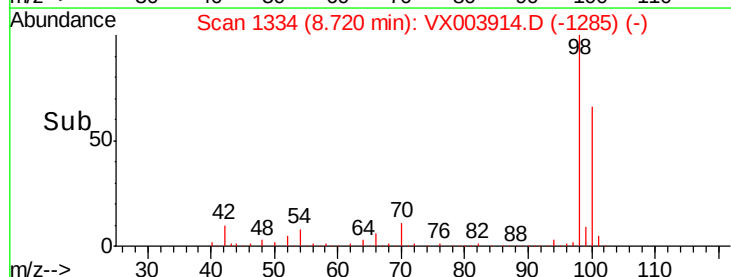
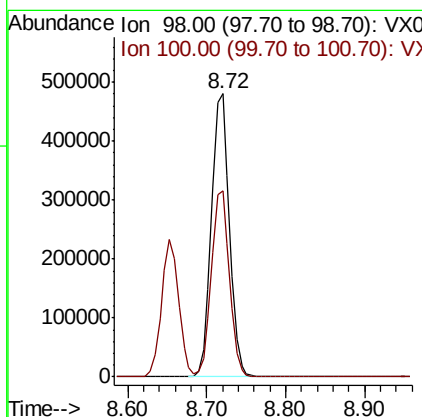
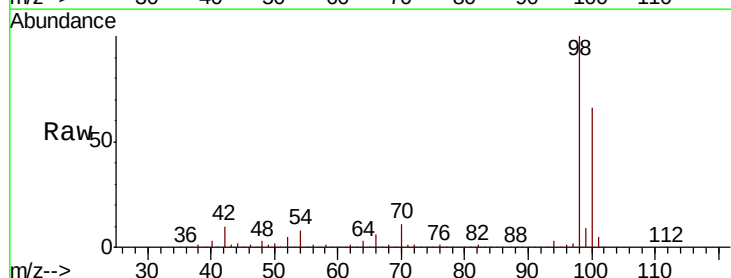
Manual Integrations
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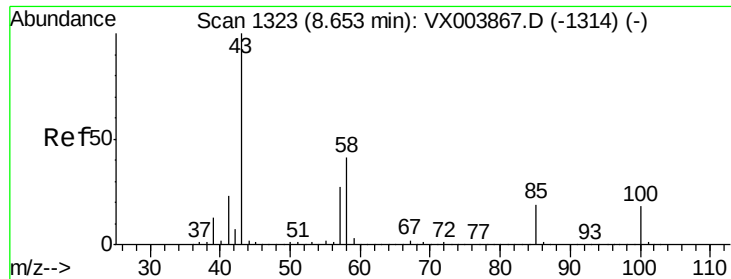
MMDadoda
8/8/2018 12:06:36 PM



#50
Toluene-d8
Concen: 49.91 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 246.38 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1965114

Ion Ratio Lower Upper

43 100

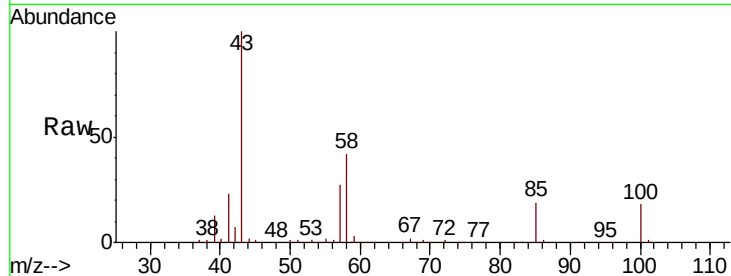
58 42.0 33.0 49.6

Manual Integrations

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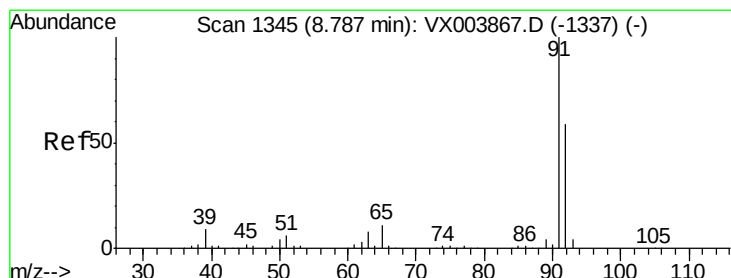
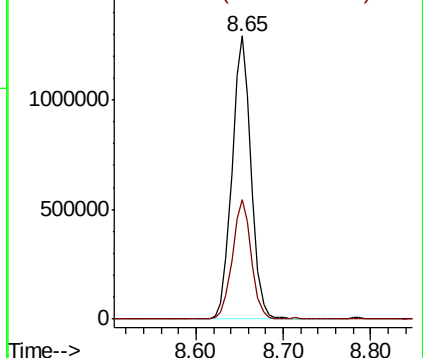
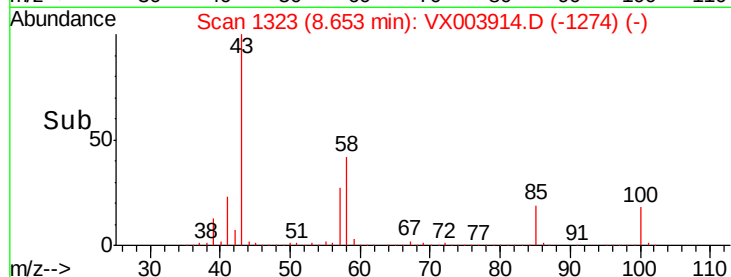
MMDadoda

8/8/2018 12:06:36 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.65 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003914.D

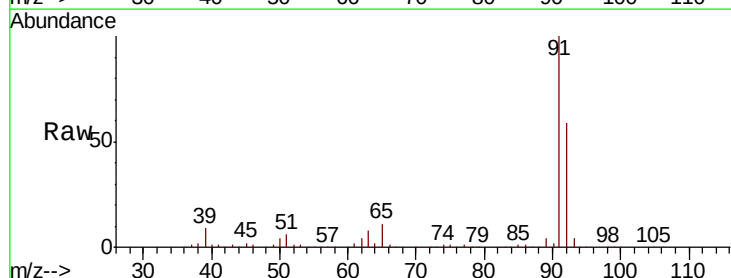
Acq: 08 Aug 2018 07:37

Tgt Ion: 92 Resp: 547590

Ion Ratio Lower Upper

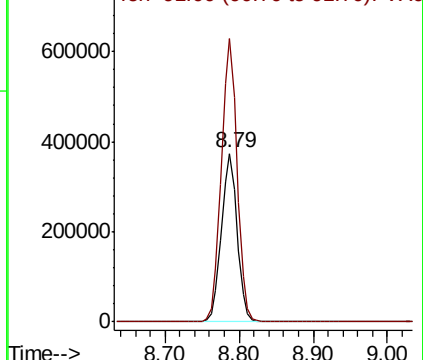
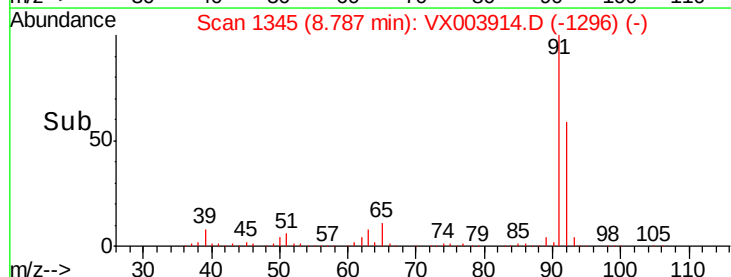
92 100

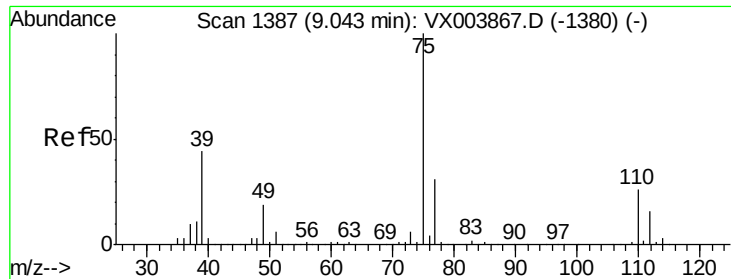
91 169.3 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 44.68 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 278418

Ion Ratio Lower Upper

75 100

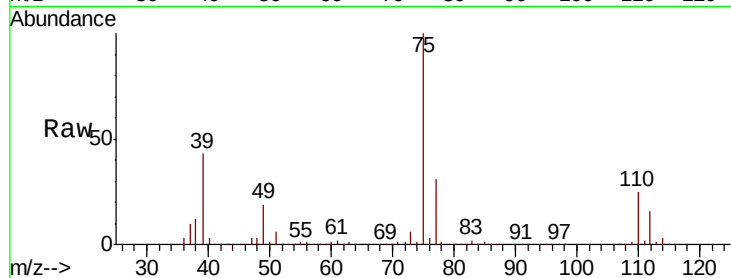
77 31.1 25.1 37.7

Manual Integrations

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MMDadoda

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

200000

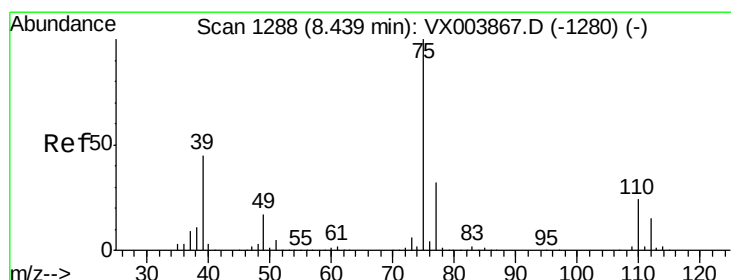
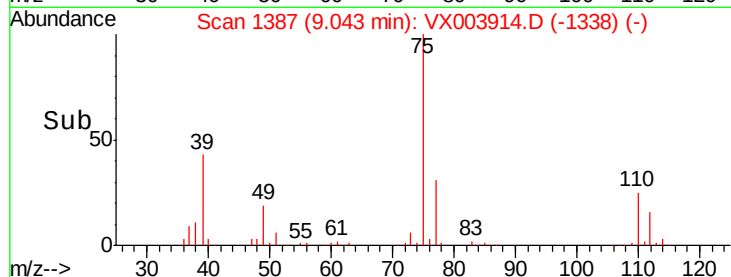
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 45.44 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

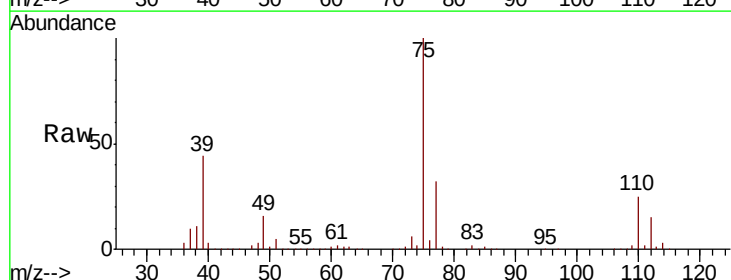
Tgt Ion: 75 Resp: 305279

Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

39 43.8 36.2 54.2



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

8.44

250000

200000

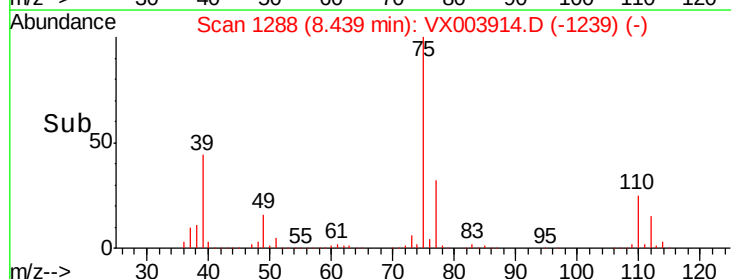
150000

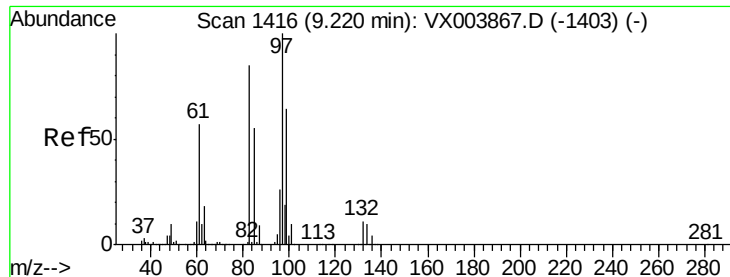
100000

50000

0

Time-->





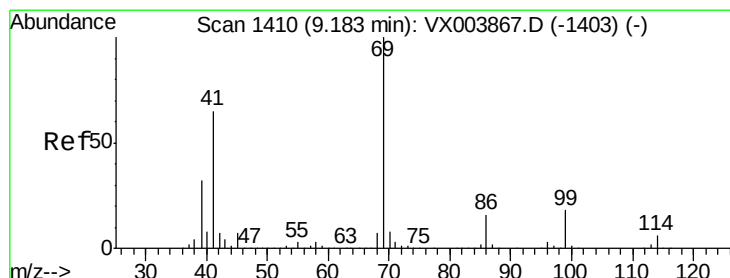
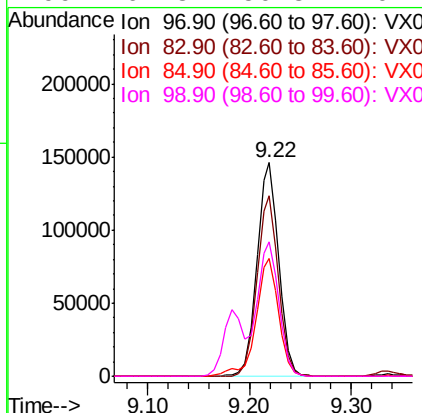
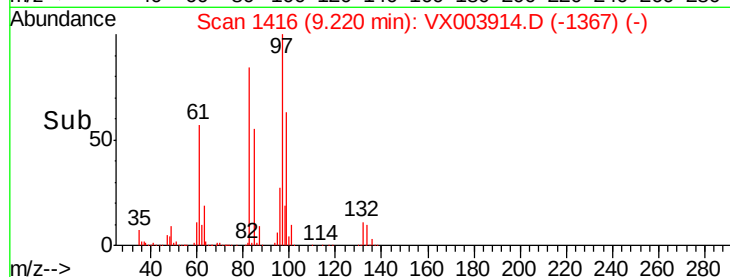
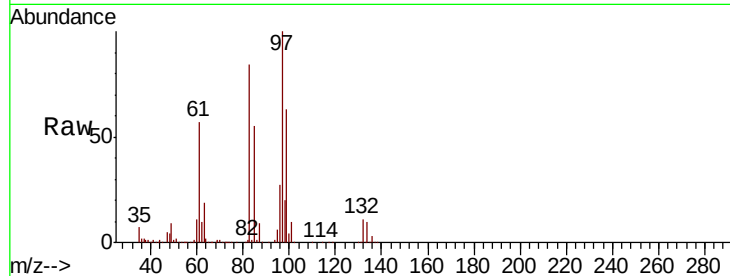
#55
 1,1,2-Trichloroethane
 Concen: 48.53 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		218717		
83	84.3	67.8	101.6		
85	54.9	44.2	66.2		
99	62.8	50.8	76.2		

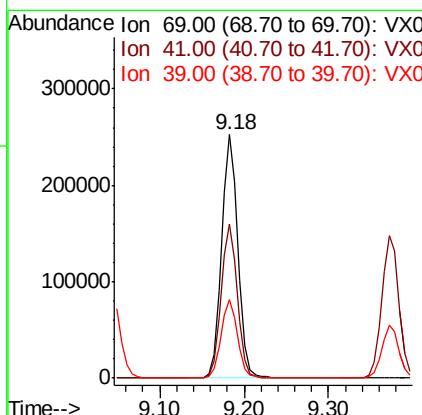
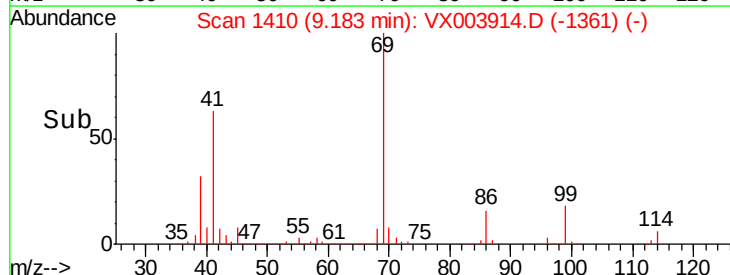
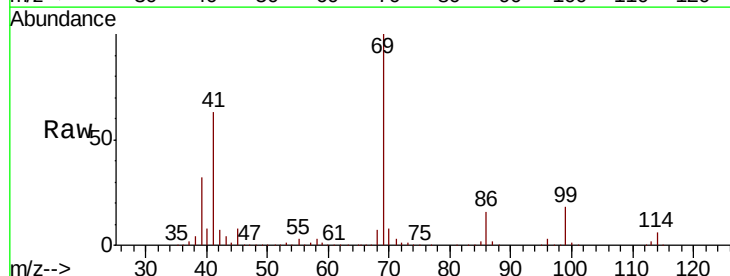
Manual Integrations
 APPROVED

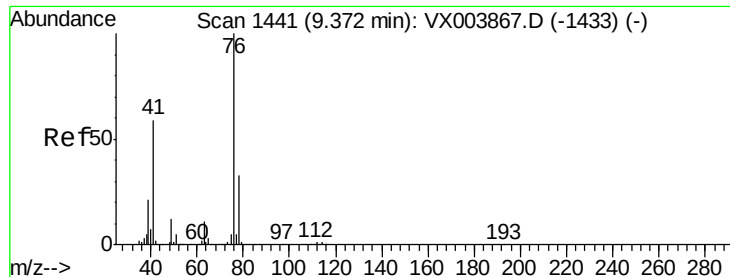
MMDadoda
 8/8/2018 12:06:36 PM



#56
 Ethyl methacrylate
 Concen: 51.68 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		337915		
41	63.1	50.6	76.0		
39	32.5	25.8	38.6		





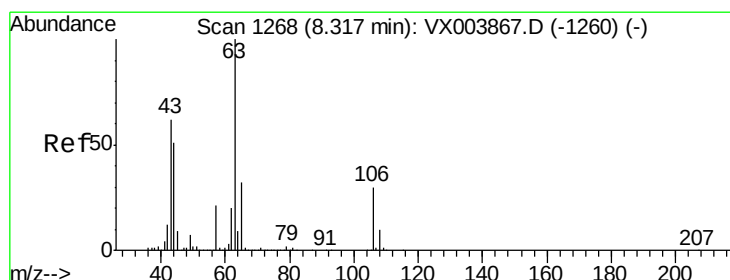
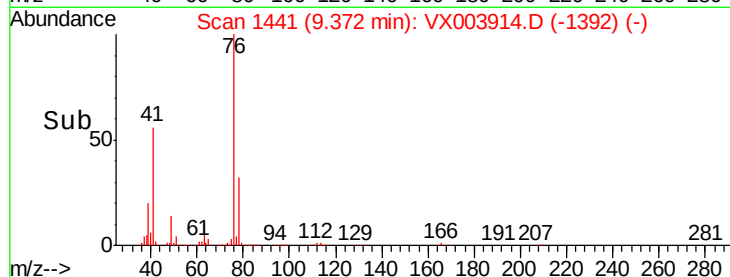
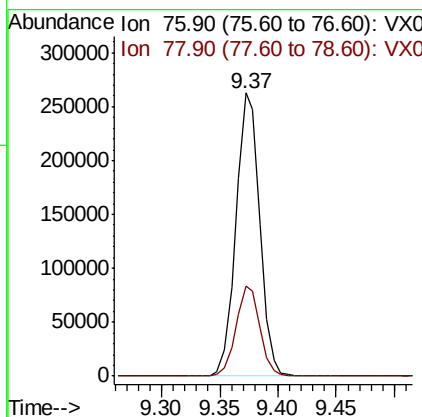
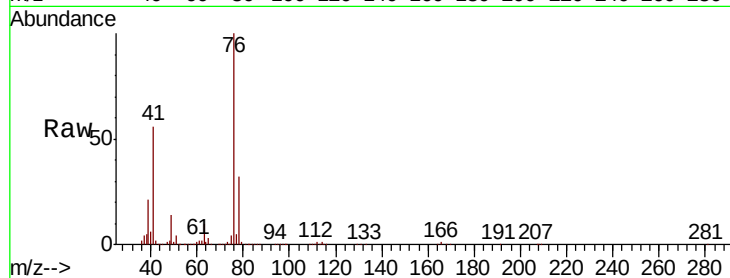
#57
 1,3-Dichloropropane
 Concen: 49.42 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 372764
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.9 38.9

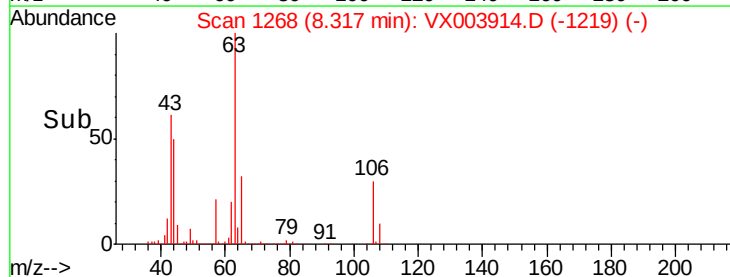
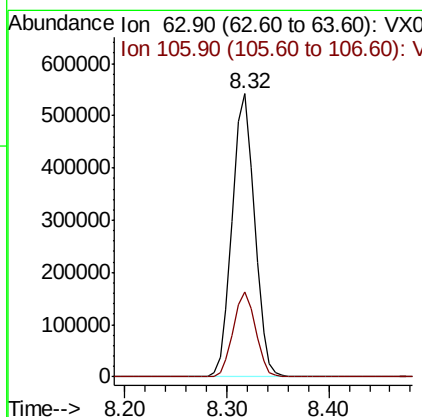
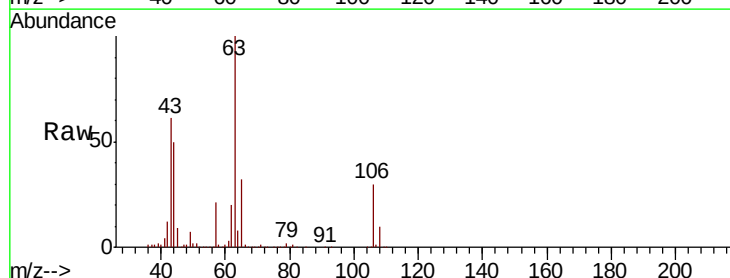
Manual Integrations
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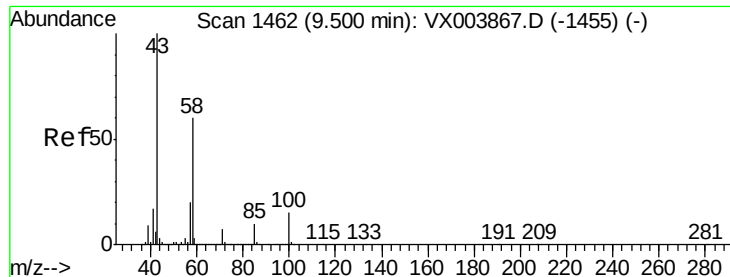
MMDadoda
 8/8/2018 12:06:36 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.33 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Tgt Ion: 63 Resp: 821017
 Ion Ratio Lower Upper
 63 100
 106 30.1 23.8 35.8





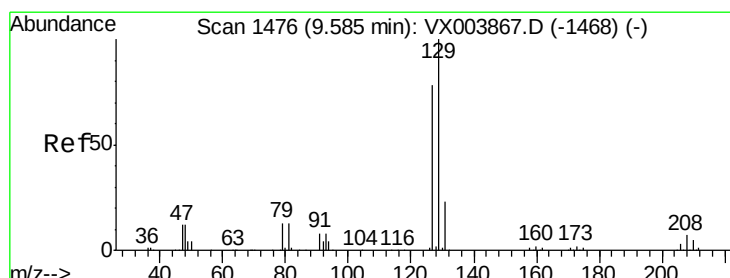
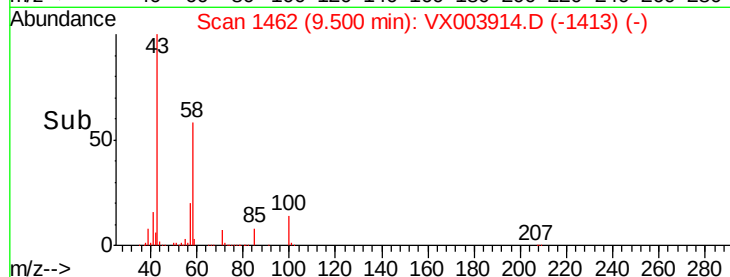
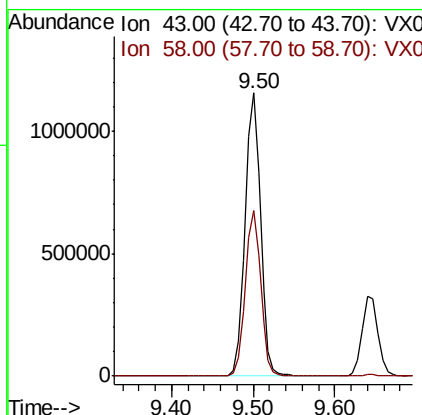
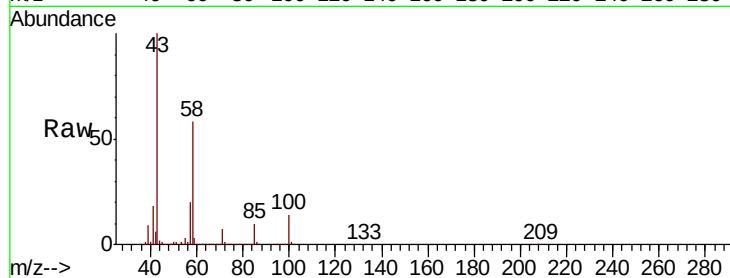
#59
2-Hexanone
Concen: 252.82 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1507320
Ion Ratio Lower Upper
43 100
58 58.4 29.0 87.0

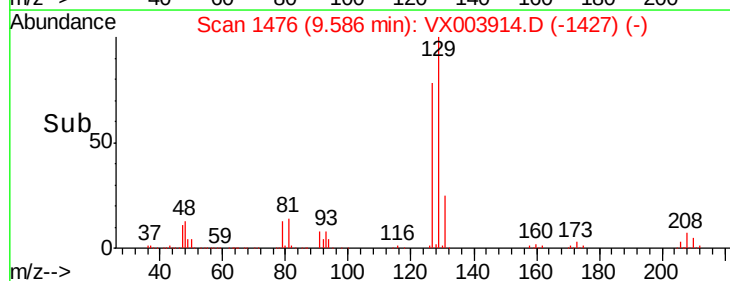
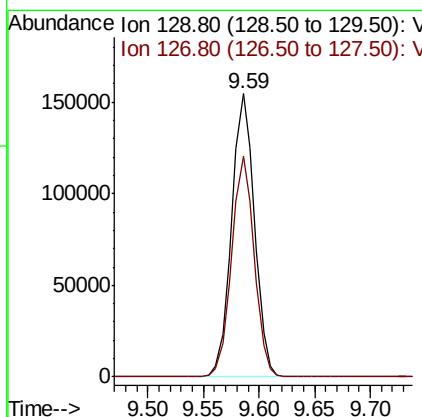
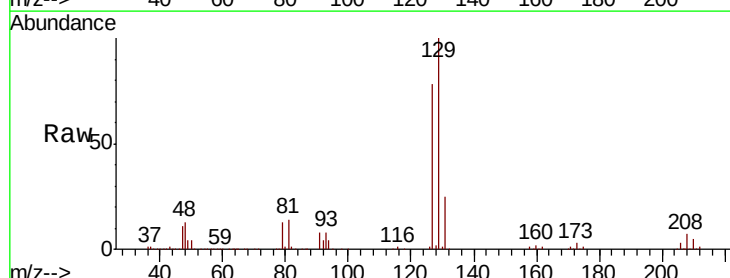
Manual Integrations
APPROVED

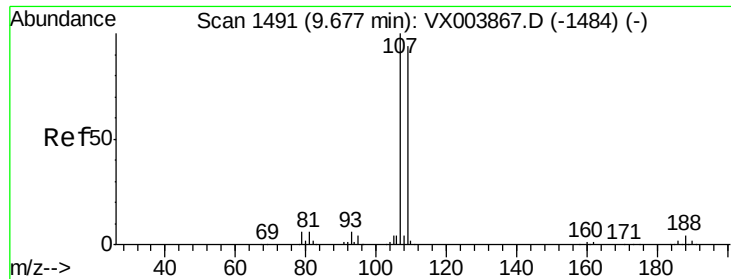
MMDadoda
8/8/2018 12:06:36 PM



#60
Dibromochloromethane
Concen: 52.33 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion: 129 Resp: 219885
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.3





#61

1,2-Dibromoethane

Concen: 51.10 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 230595

Ion Ratio Lower Upper

107 100

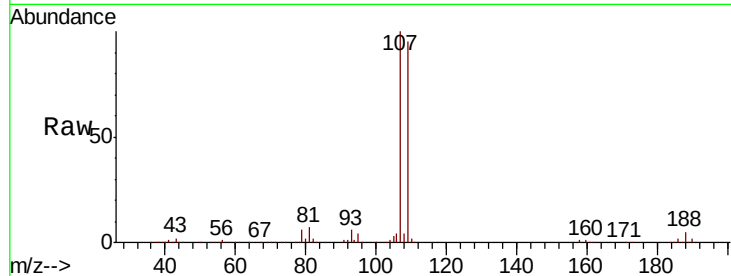
109 93.9 75.8 113.8

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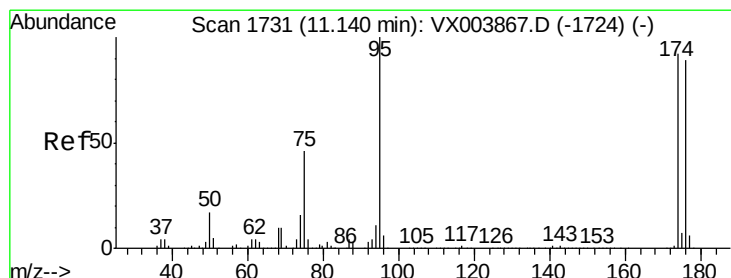
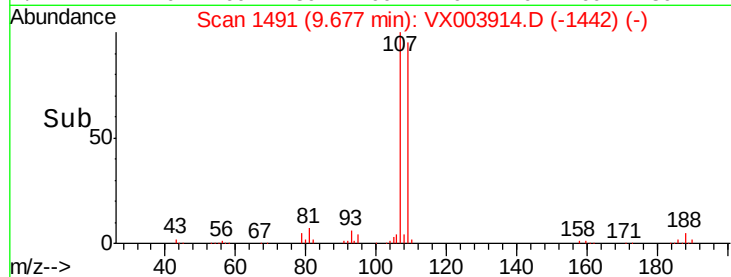
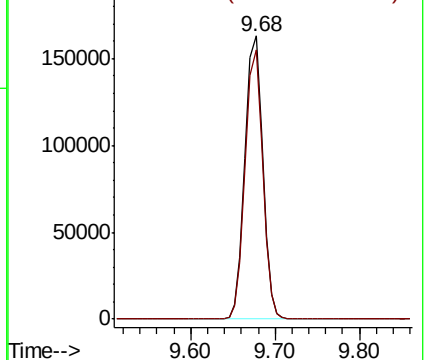
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 57.07 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

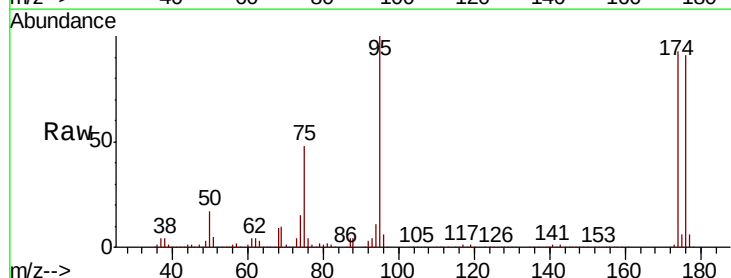
Tgt Ion: 95 Resp: 282337

Ion Ratio Lower Upper

95 100

174 90.1 0.0 182.8

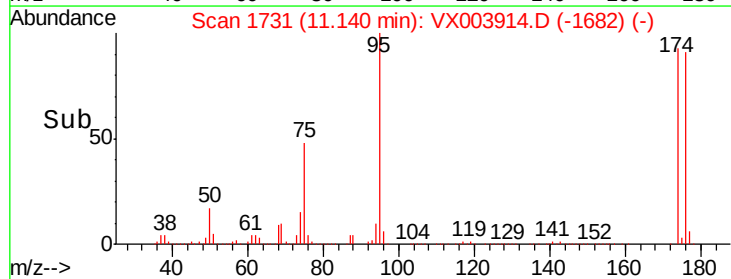
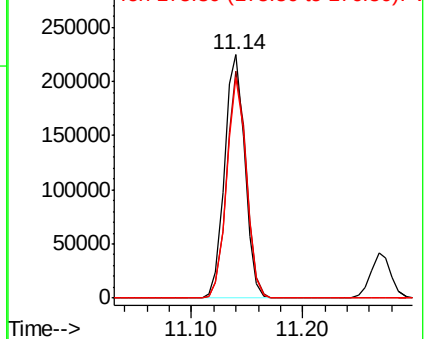
176 87.8 0.0 179.0

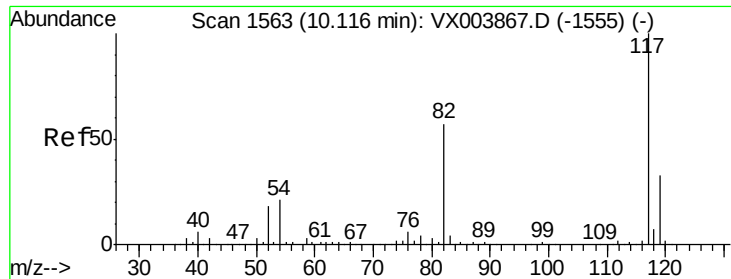


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





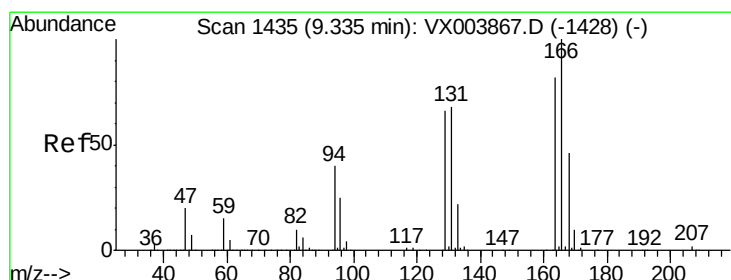
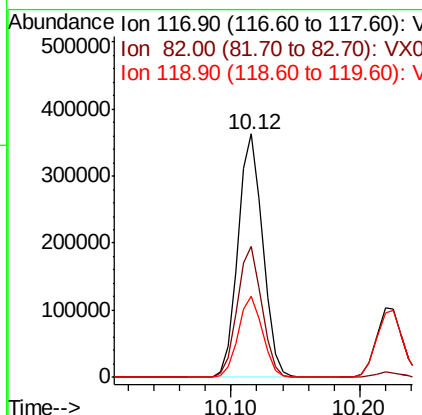
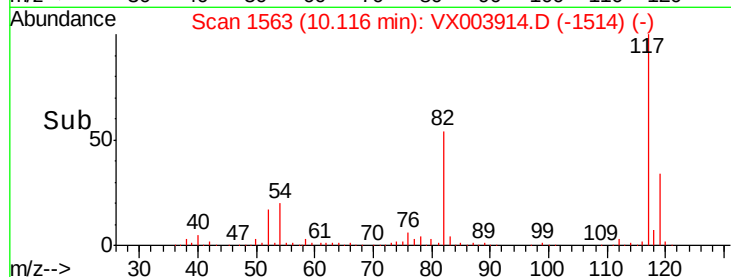
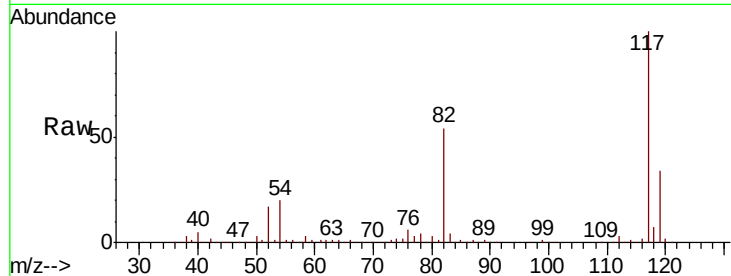
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	45.4	68.0
119	33.5	26.6	40.0

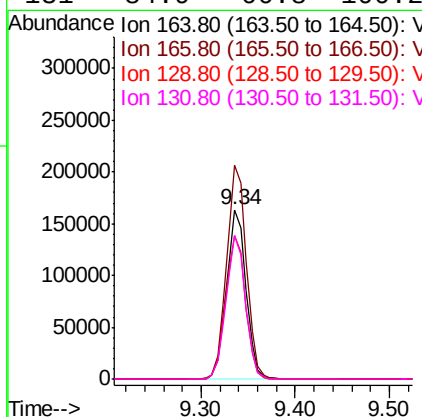
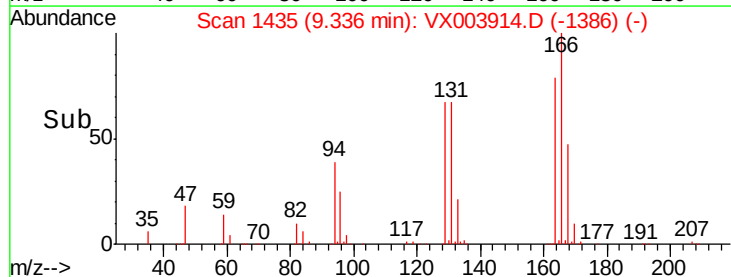
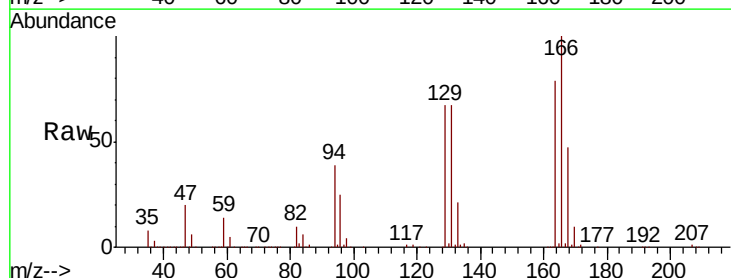
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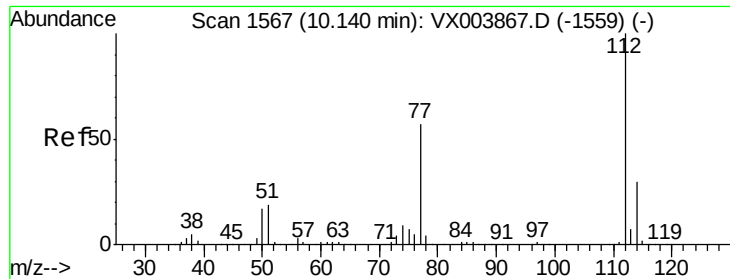
MMDadoda
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#64
Tetrachloroethene
Concen: 49.17 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	98.0	147.0
129	84.6	64.3	96.5
131	84.9	66.8	100.2





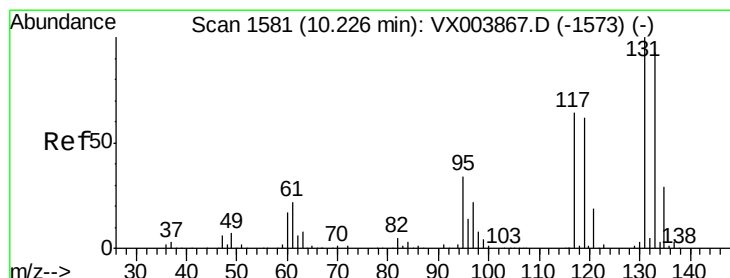
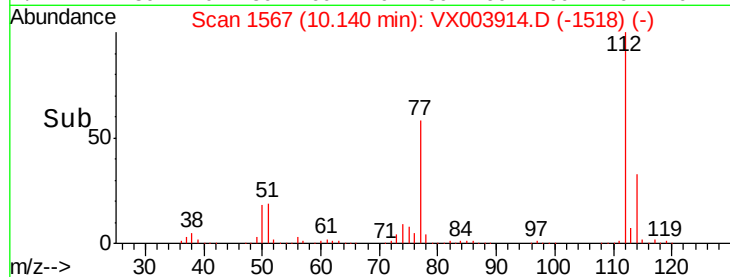
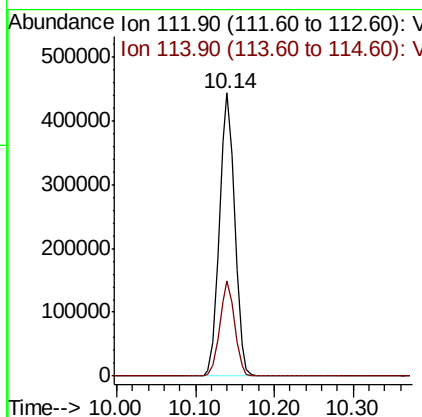
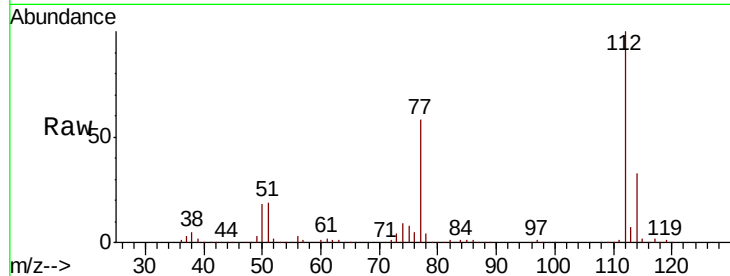
#65
Chlorobenzene
Concen: 47.68 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 600792
Ion Ratio Lower Upper
112 100
114 33.4 23.6 35.4

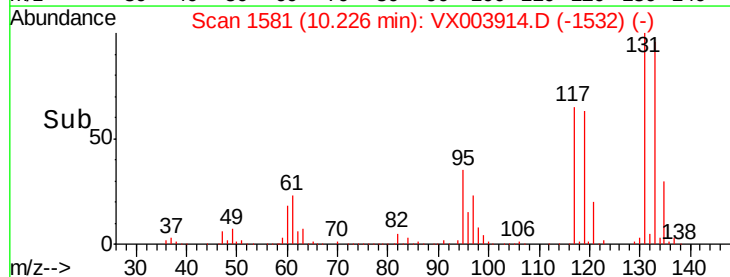
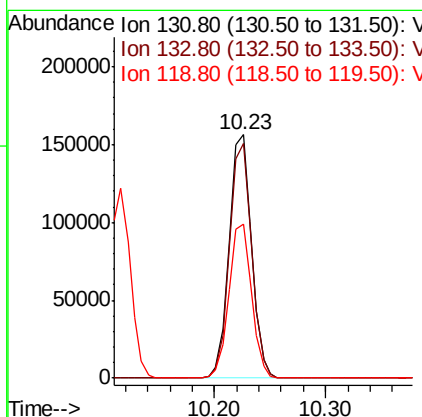
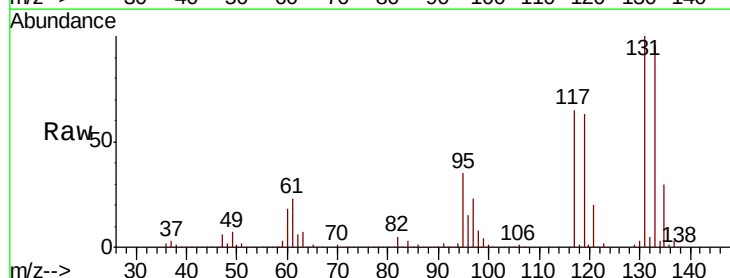
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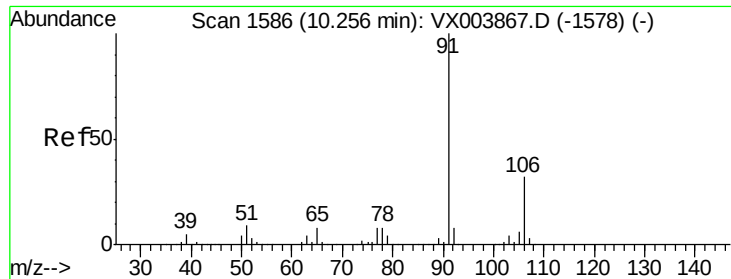
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.09 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion:131 Resp: 216956
Ion Ratio Lower Upper
131 100
133 95.8 47.3 141.8
119 64.2 31.6 94.8





#67

Ethyl Benzene

Concen: 49.92 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 1029564

Ion Ratio Lower Upper

91 100

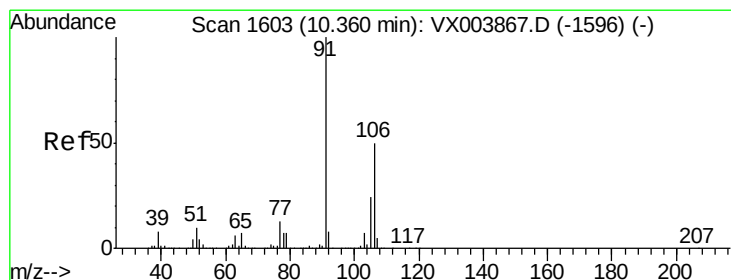
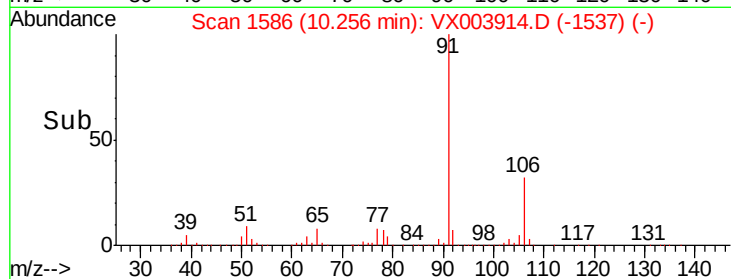
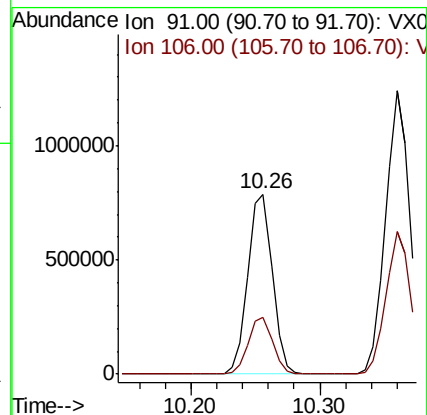
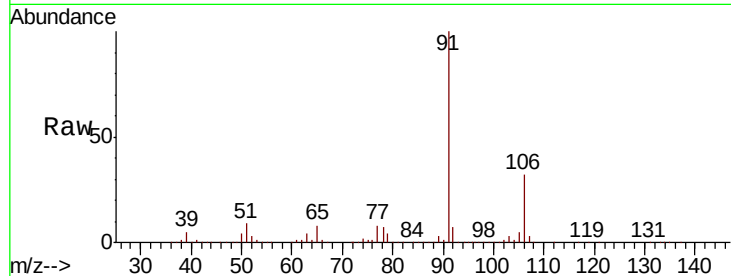
106 31.8 25.9 38.9

Manual Integrations

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#68

m/p-Xylenes

Concen: 101.62 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003914.D

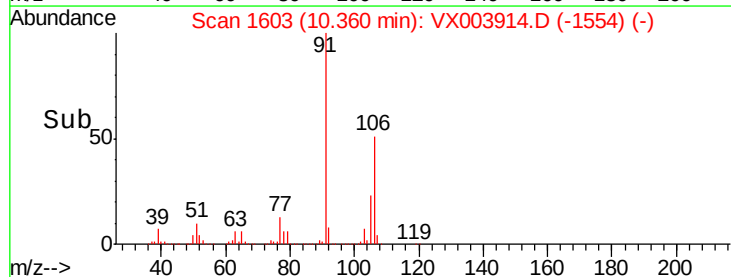
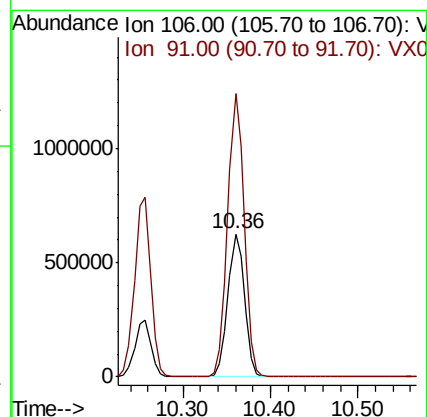
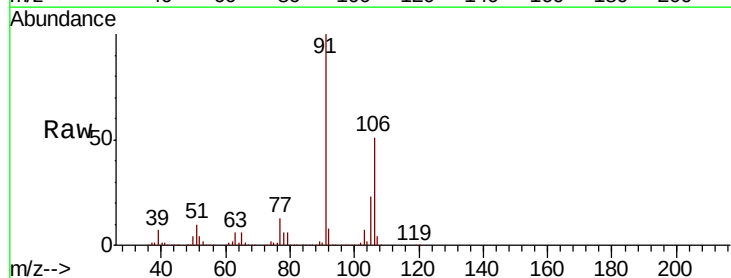
Acq: 08 Aug 2018 07:37

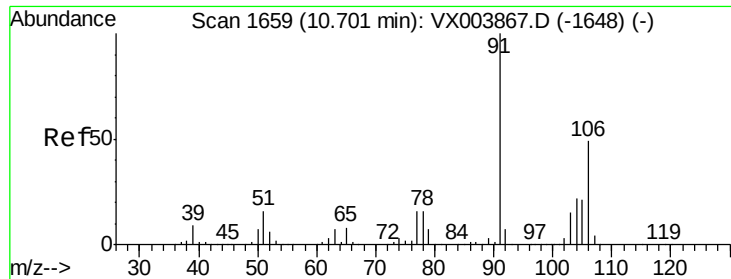
Tgt Ion: 106 Resp: 818980

Ion Ratio Lower Upper

106 100

91 197.5 162.3 243.5





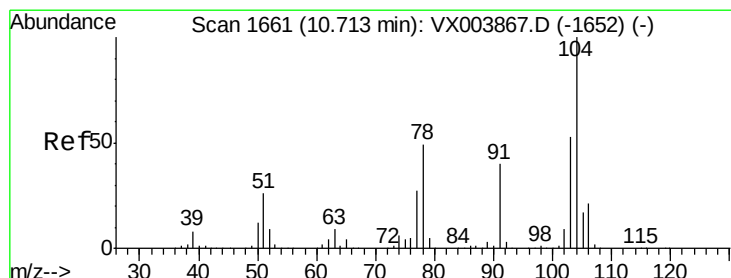
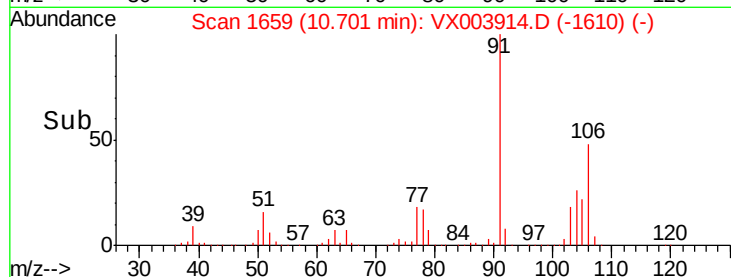
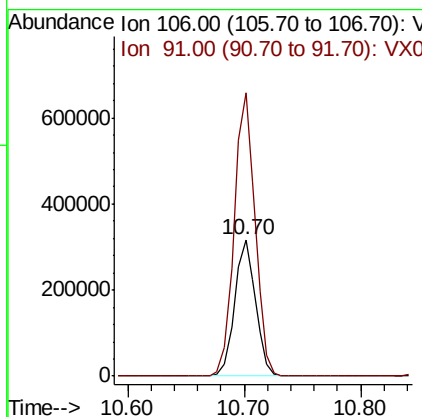
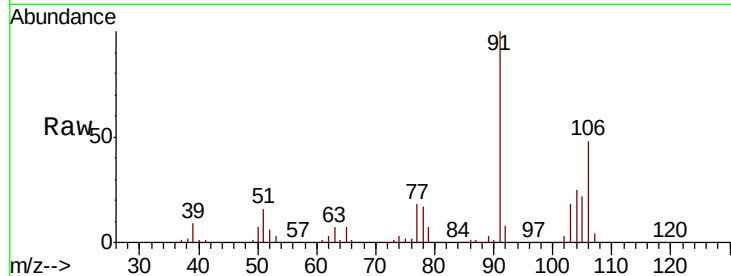
#69
o-Xylene
Concen: 51.90 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	208.2	101.9	305.7	

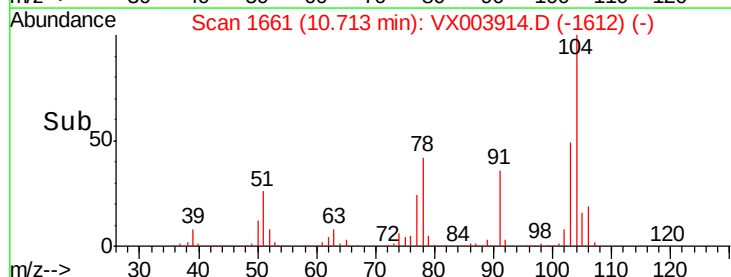
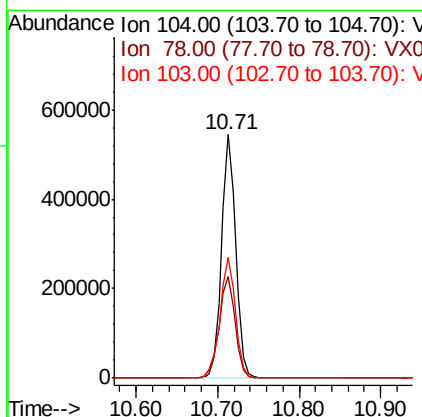
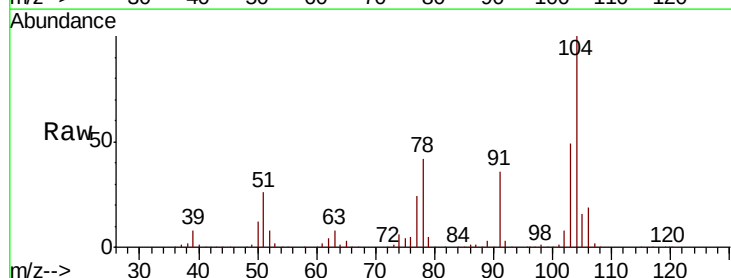
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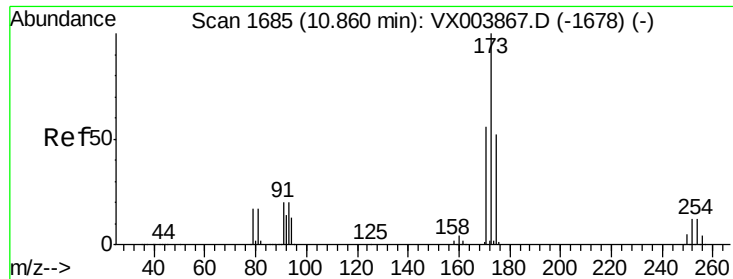
MMDadoda
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#70
Styrene
Concen: 53.35 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.4	39.8	59.6	
103	54.3	44.3	66.5	





#71

Bromoform

Concen: 47.33 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

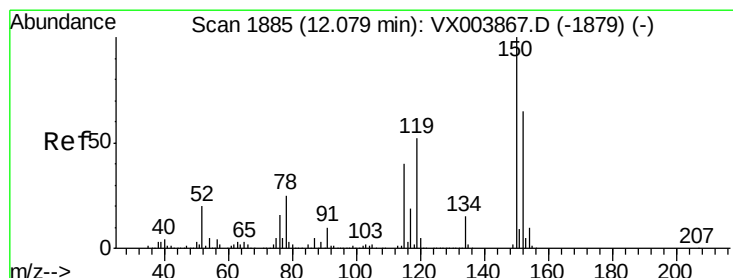
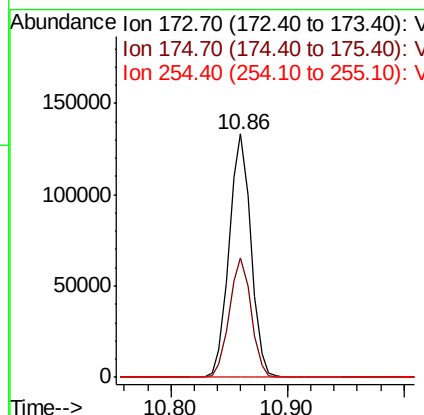
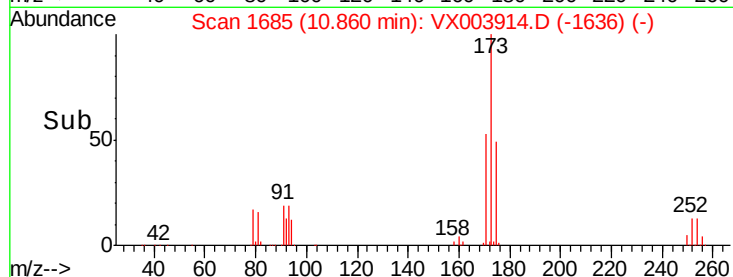
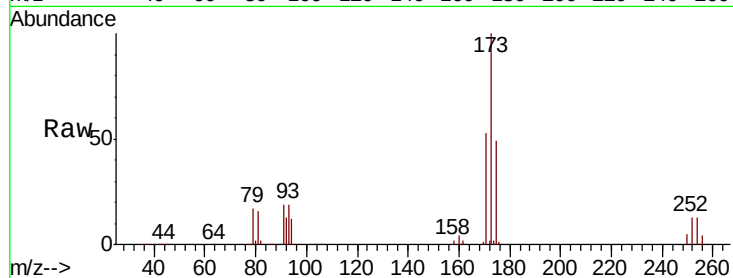
ClientSampled :

VSTDCCC050EC

Tot Ion:	173	Resp:	173242
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.9	74.7
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

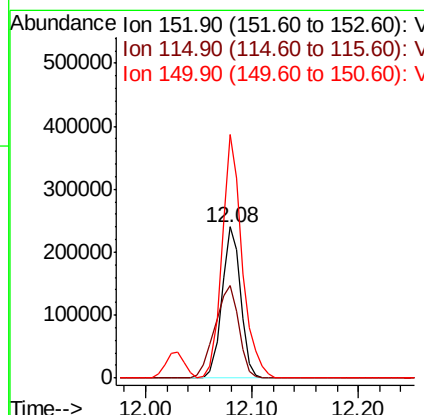
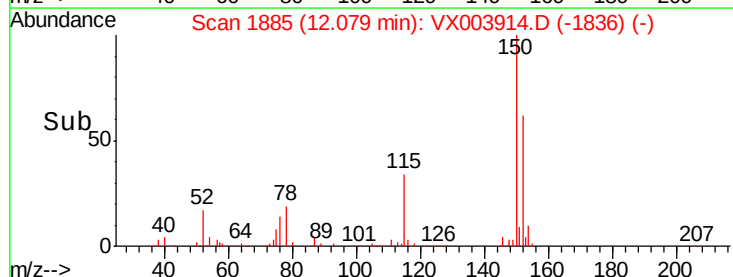
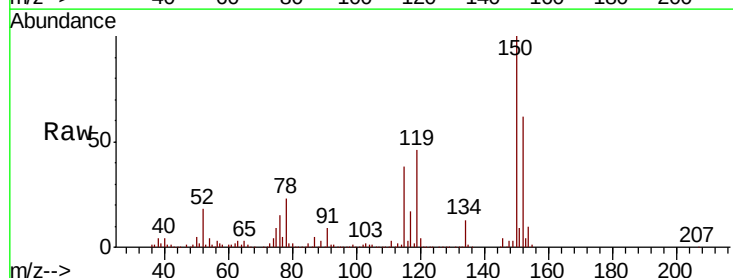
RT: 12.08 min Scan# 1885

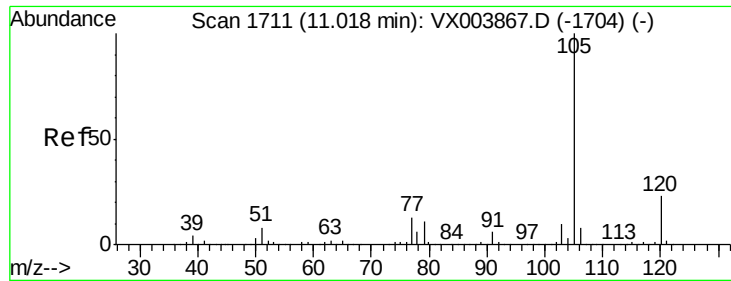
Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Tgt Ion:	152	Resp:	291374
Ion Ratio	Lower	Upper	
152	100		
115	77.8	39.1	117.3
150	173.9	0.0	349.2





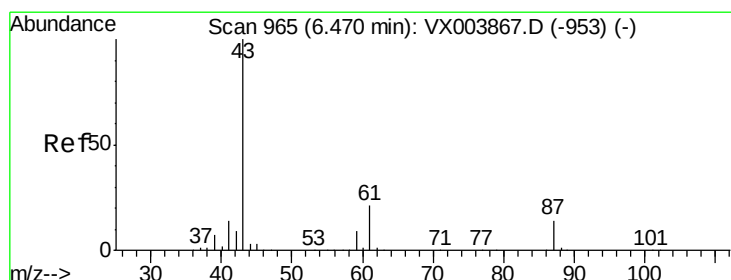
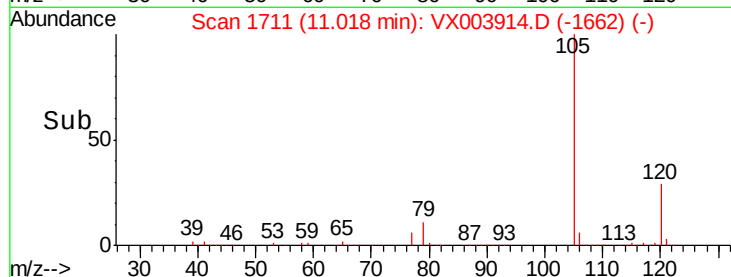
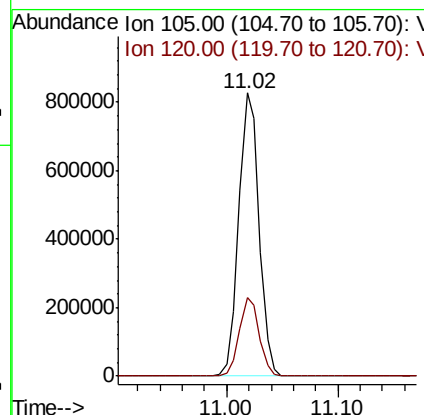
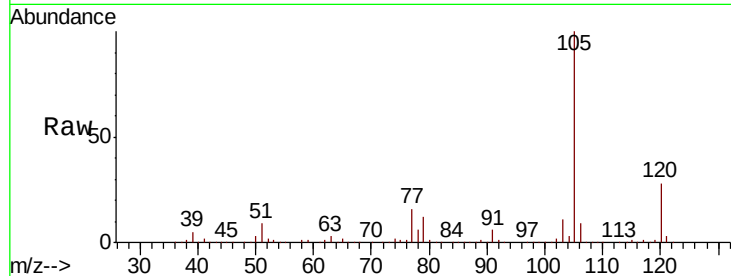
#73
Isopropylbenzene
Concen: 48.33 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:105 Resp: 1041691
Ion Ratio Lower Upper
105 100
120 27.1 12.6 37.8

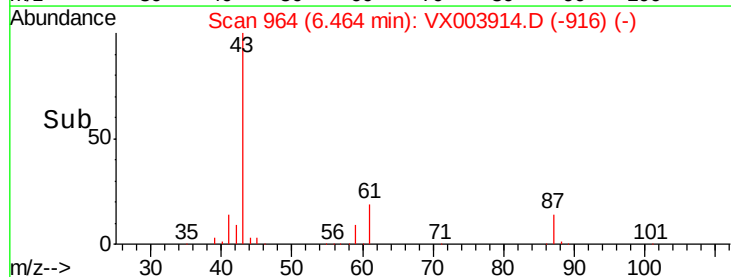
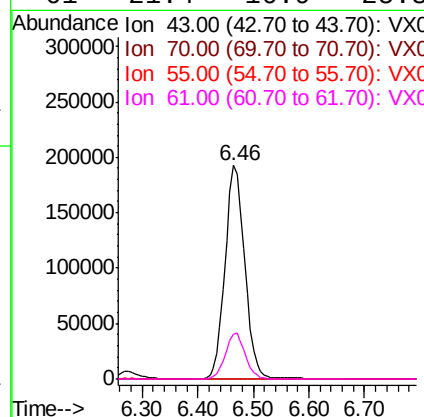
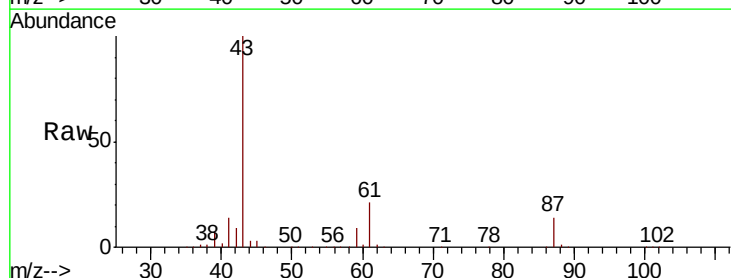
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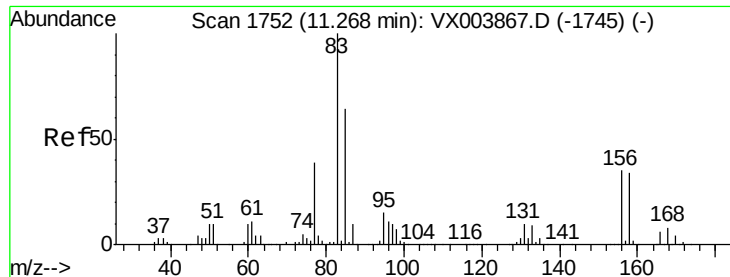
MMDadoda
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#74
N-ethyl acetate
Concen: 42.16 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.01 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion: 43 Resp: 472557
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.1 0.1 0.1
61 21.4 16.9 25.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.22 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

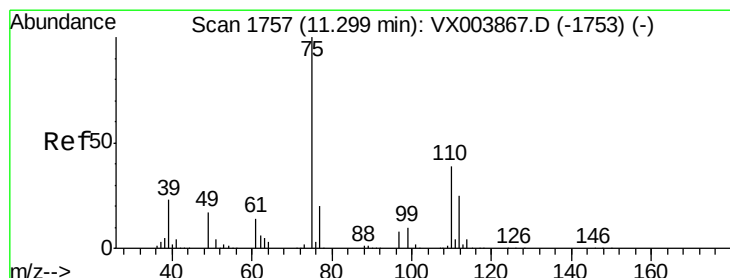
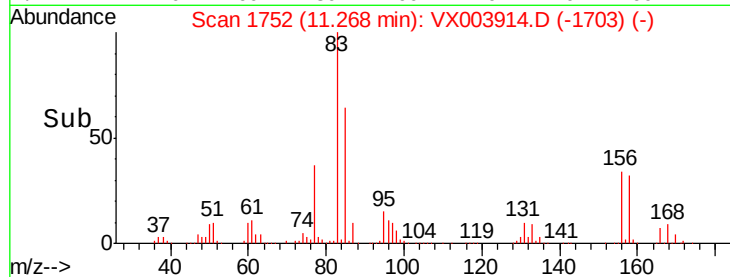
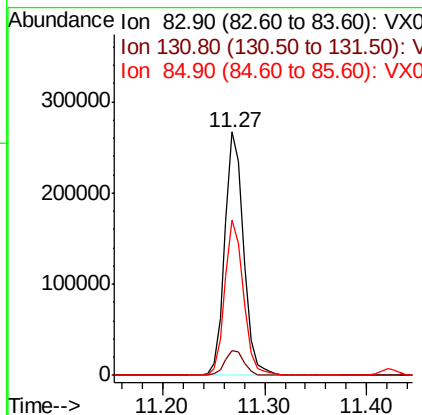
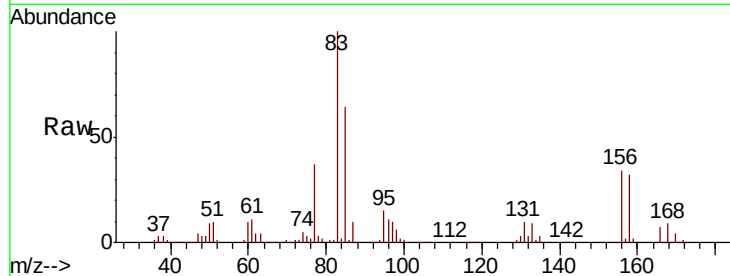
ClientSampled :

VSTDCCC050EC

Tot Ion:	83	Resp:	341439
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.2	15.6
85	63.3	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 45.72 ug/l m

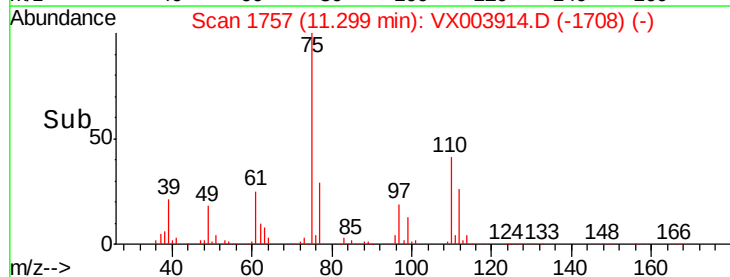
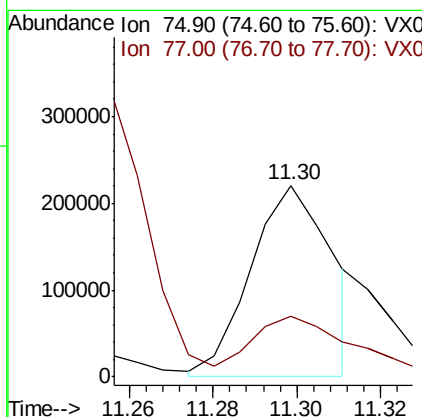
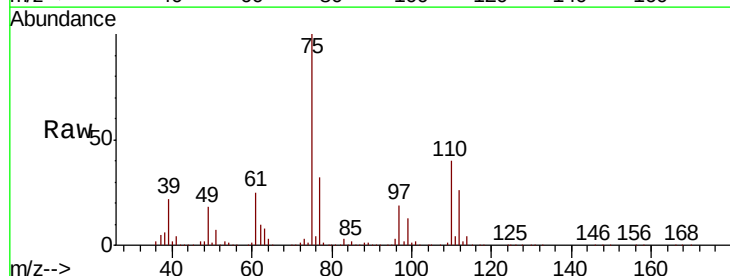
RT: 11.30 min Scan# 1757

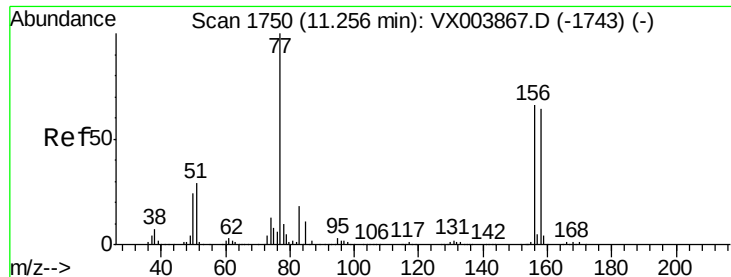
Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Tgt Ion:	75	Resp:	294253
Ion Ratio	Lower	Upper	
75	100		
77	40.3	20.8	62.5





#77

Bromobenzene

Concen: 48.25 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

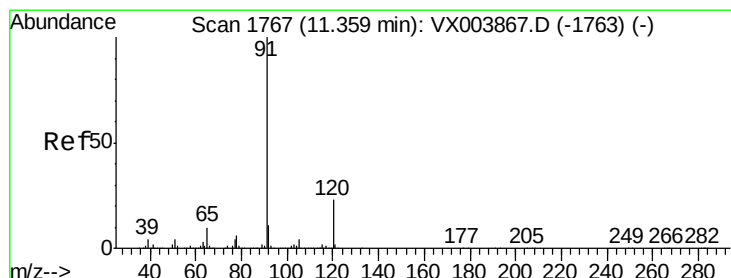
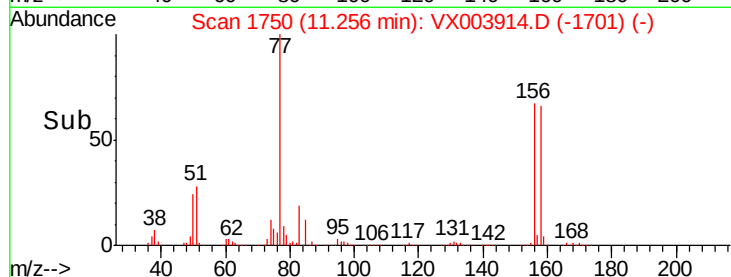
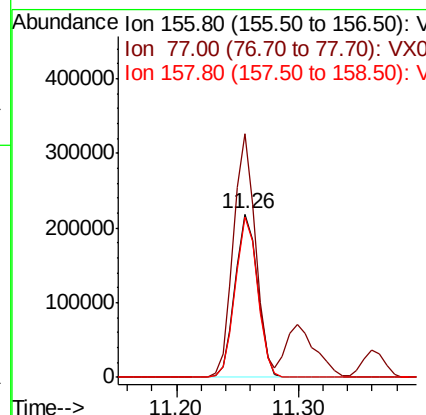
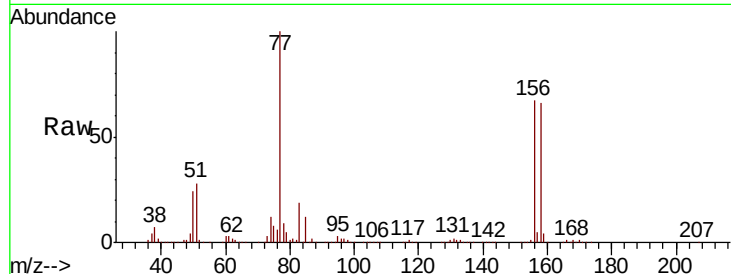
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		277450		
77	146.2	74.1	222.2		
158	97.0	48.6	145.9		

Manual Integrations
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#78

n-propylbenzene

Concen: 48.73 ug/l

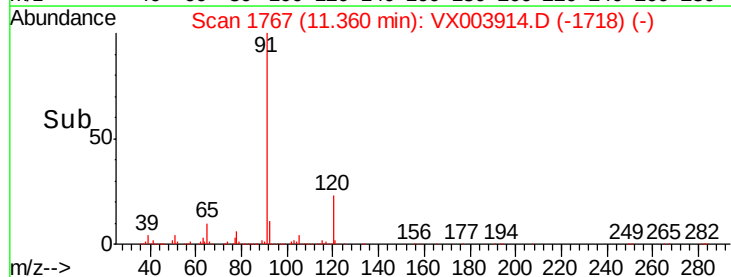
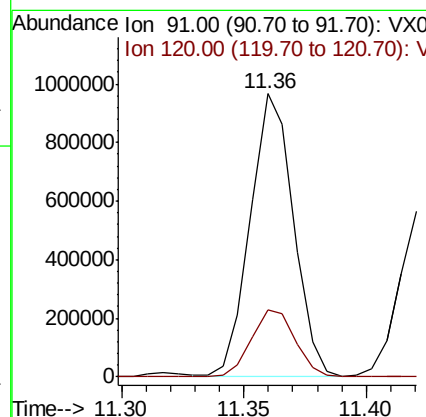
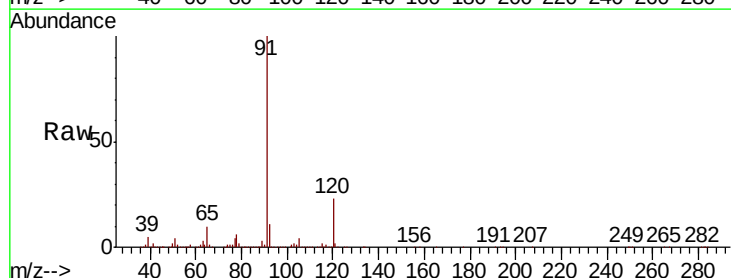
RT: 11.36 min Scan# 1767

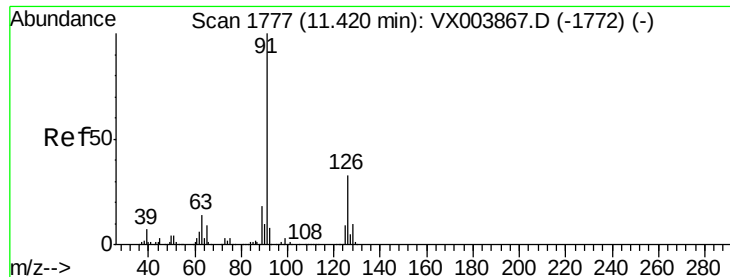
Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		1179566		
120	24.1	11.9	35.5		





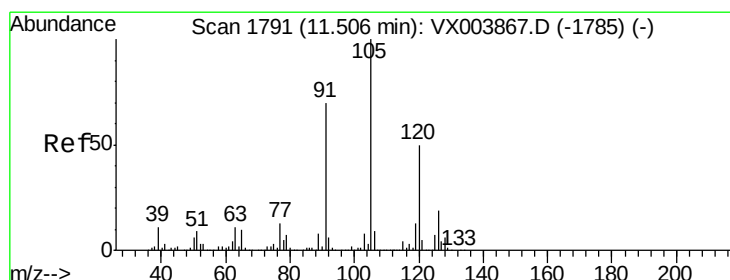
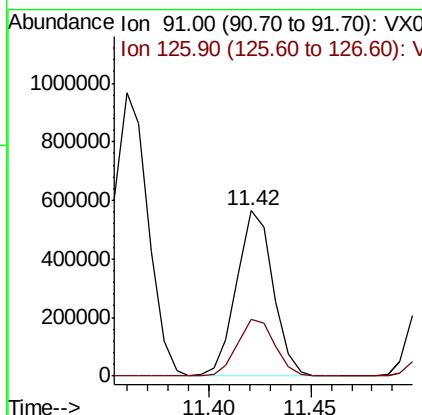
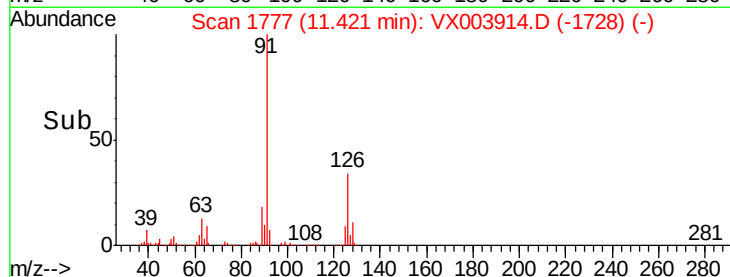
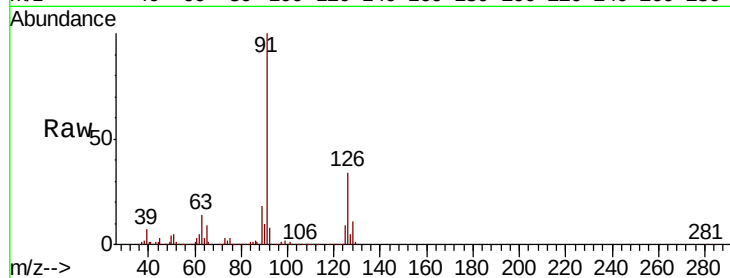
#79
 2-Chlorotoluene
 Concen: 47.41 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.4	52.3

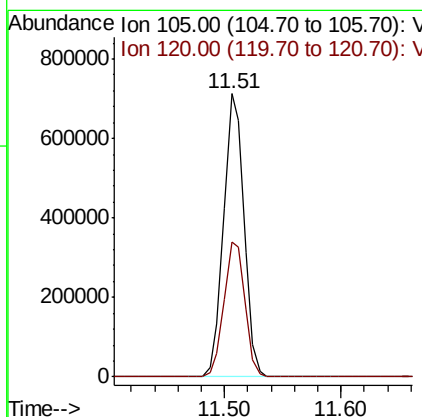
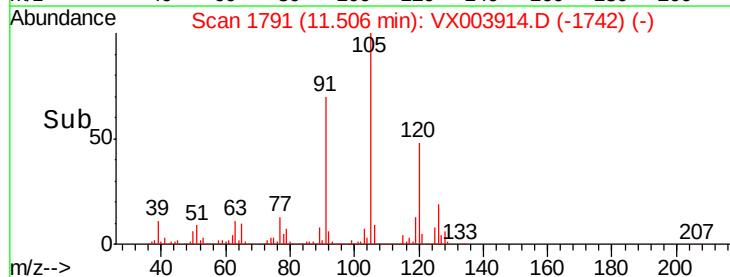
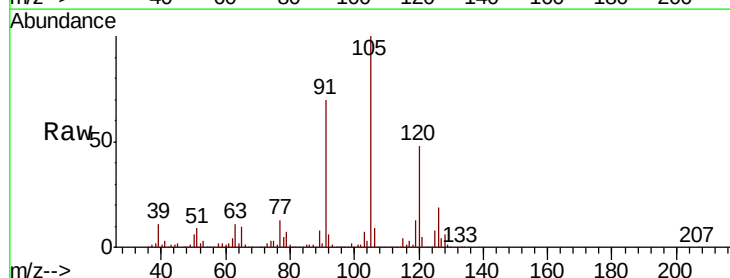
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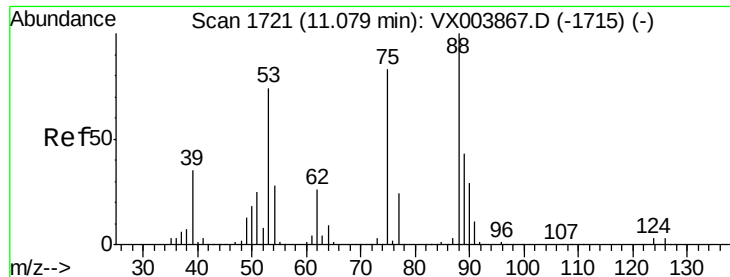
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.02 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.1	25.4	76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 34.53 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

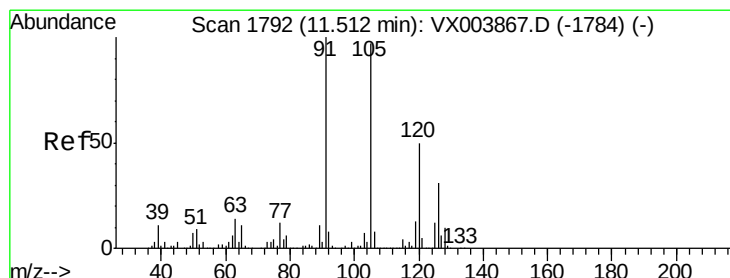
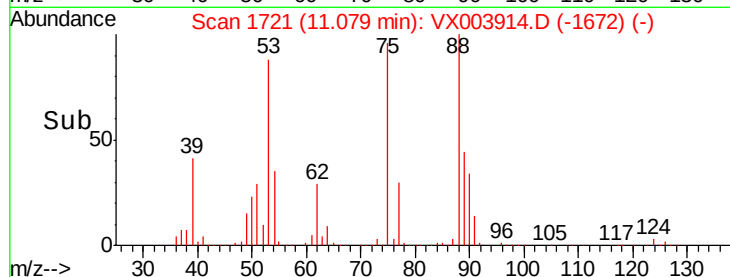
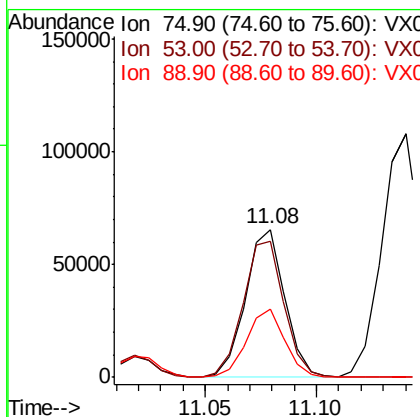
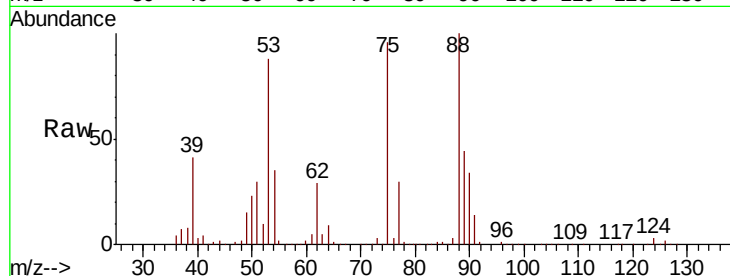
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	79996
Ion	Ratio	Lower	Upper
75	100		
53	96.6	80.3	120.5
89	45.7	37.8	56.8

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#82

4-Chlorotoluene

Concen: 47.11 ug/l

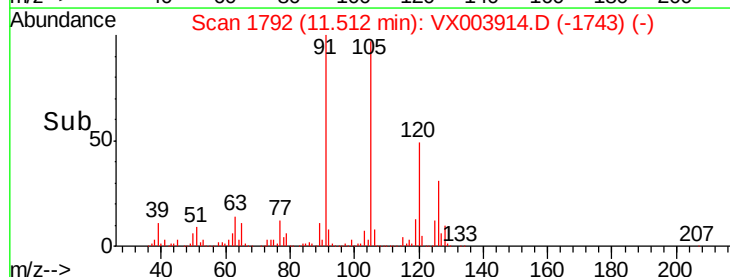
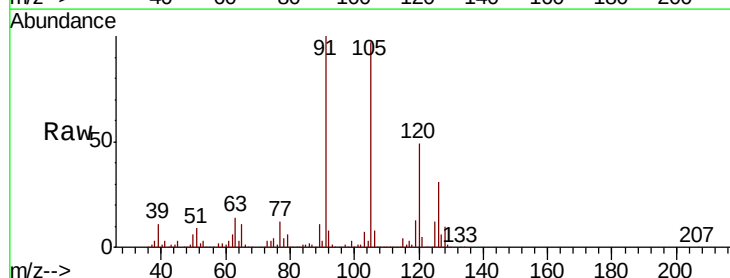
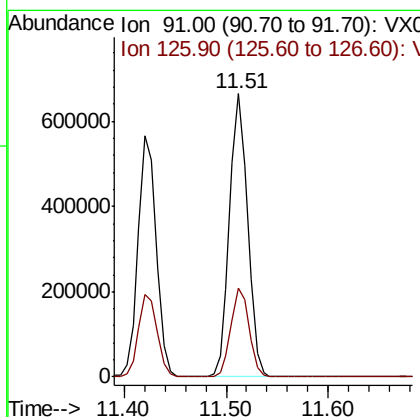
RT: 11.51 min Scan# 1792

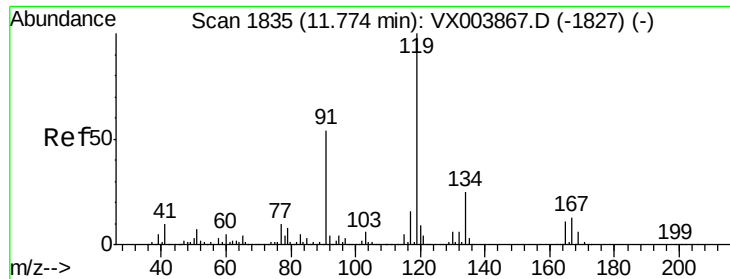
Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Tgt Ion:	91	Resp:	814487
Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.6	46.7





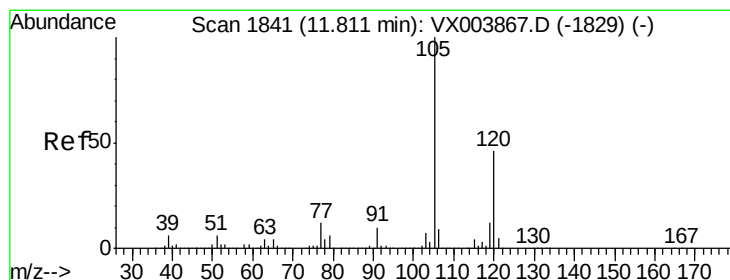
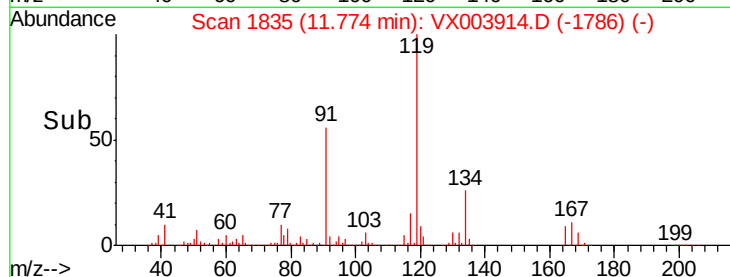
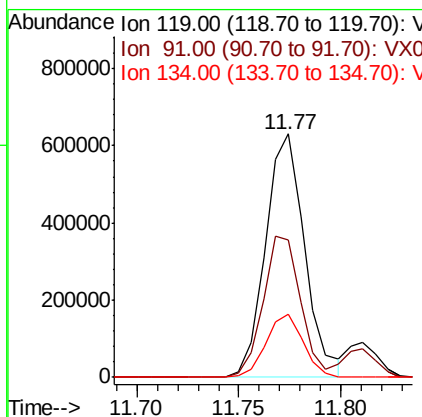
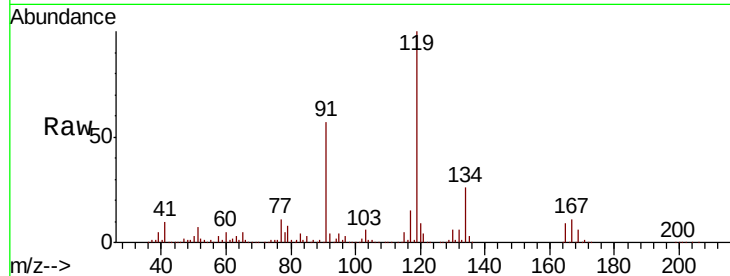
#83
 tert-Butylbenzene
 Concen: 48.73 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.5	26.9	80.7
134	24.5	12.0	36.0

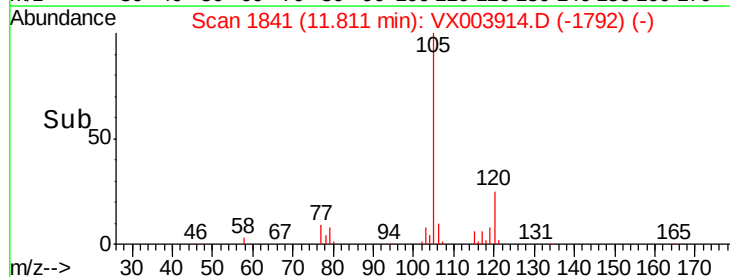
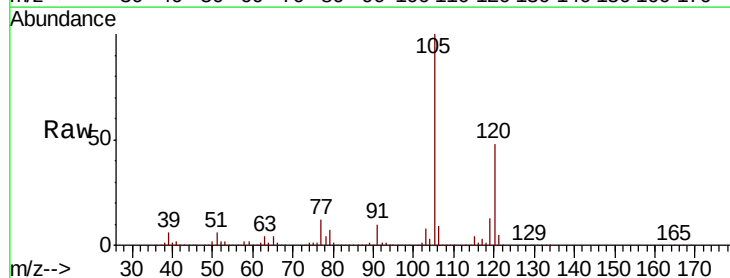
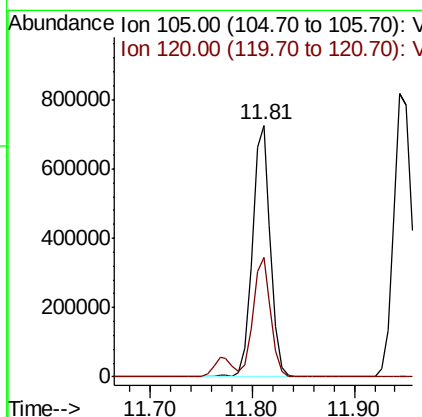
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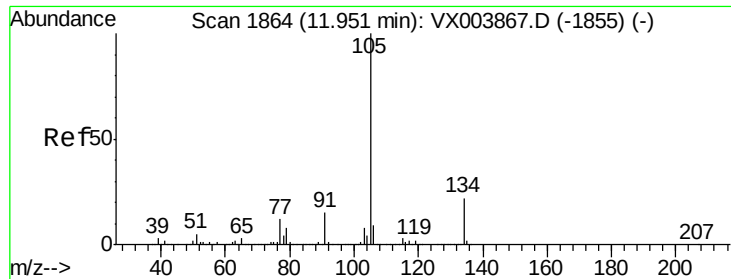
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.41 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.1	69.2





#85

sec-Butylbenzene

Concen: 49.81 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1016459

Ion Ratio Lower Upper

105 100

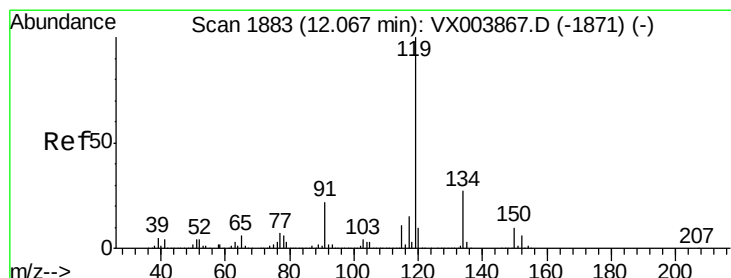
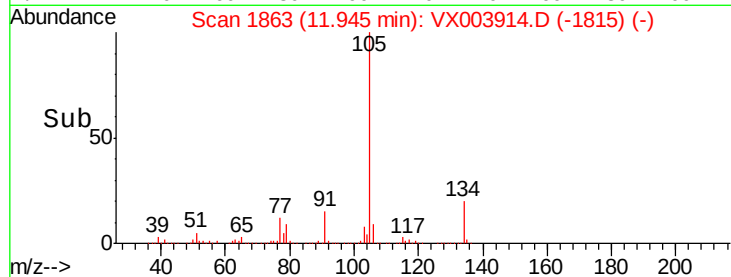
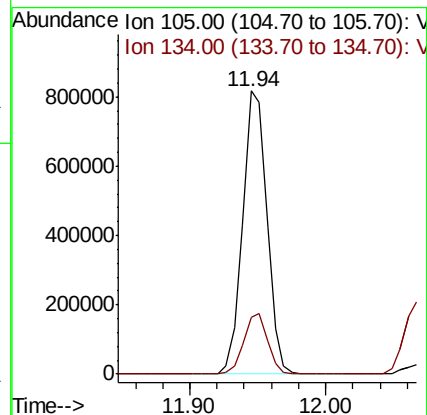
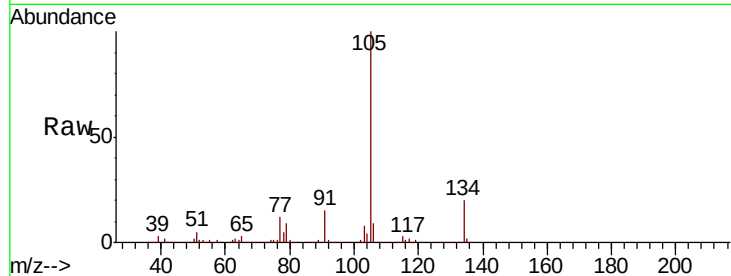
134 21.0 10.3 30.9

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#86

p-Isopropyltoluene

Concen: 48.71 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003914.D

Acq: 08 Aug 2018 07:37

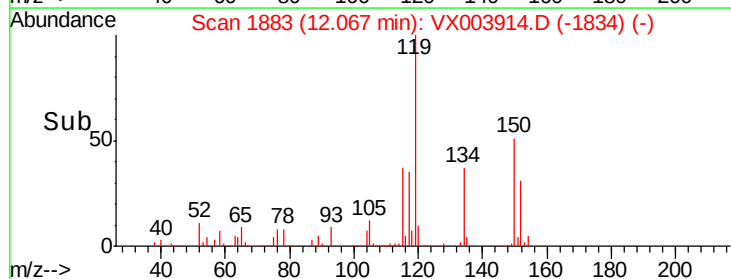
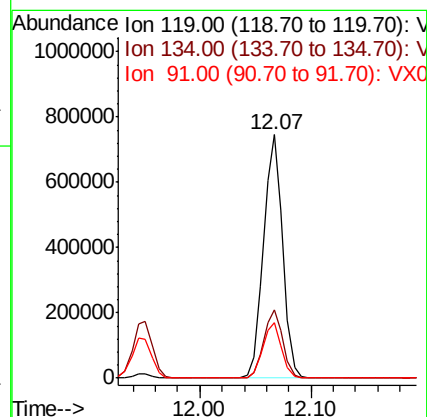
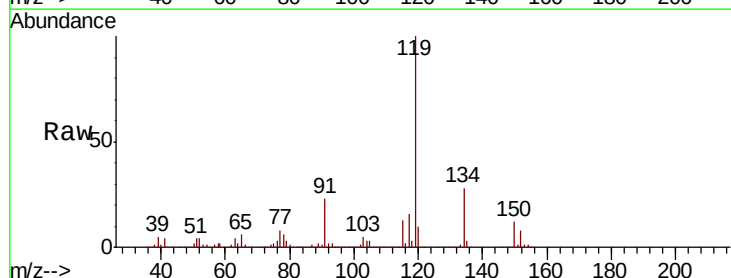
Tgt Ion:119 Resp: 891880

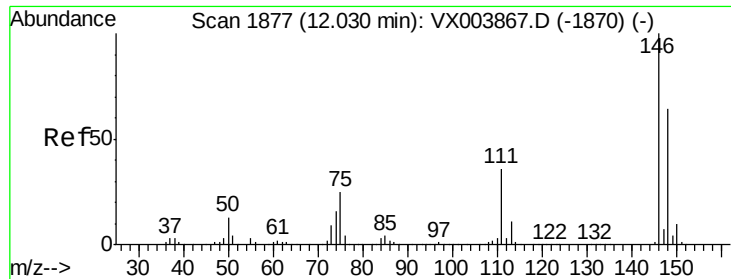
Ion Ratio Lower Upper

119 100

134 27.8 13.3 39.8

91 22.3 10.9 32.7





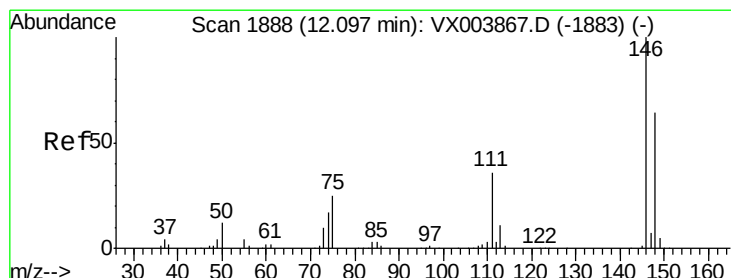
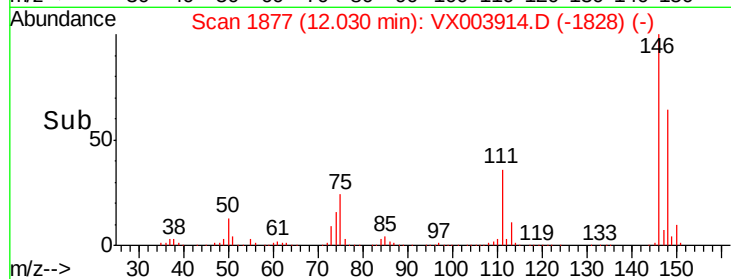
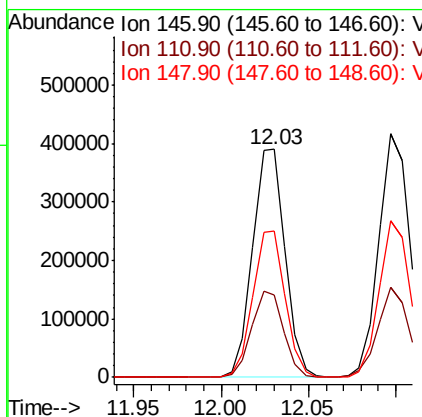
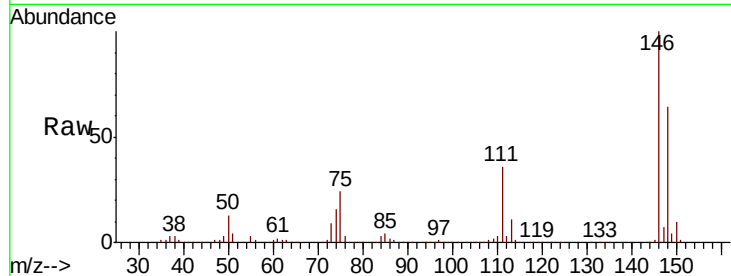
#87
 1,3-Dichlorobenzene
 Concen: 47.91 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.8	56.4
148	63.9	31.9	95.5

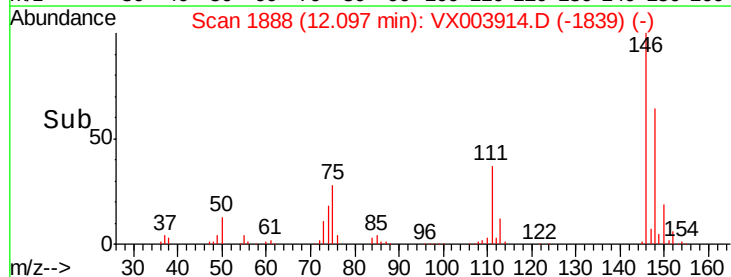
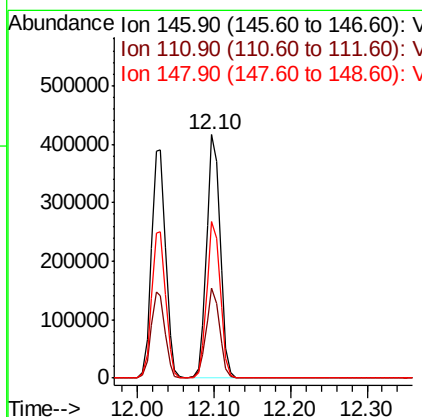
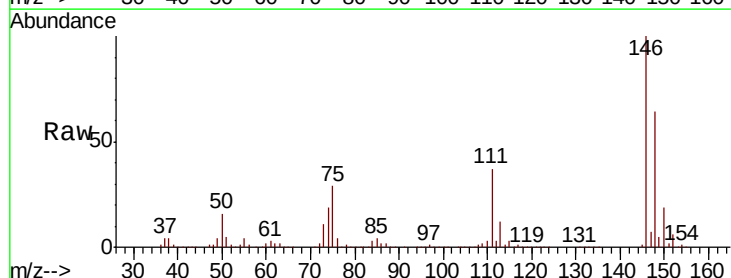
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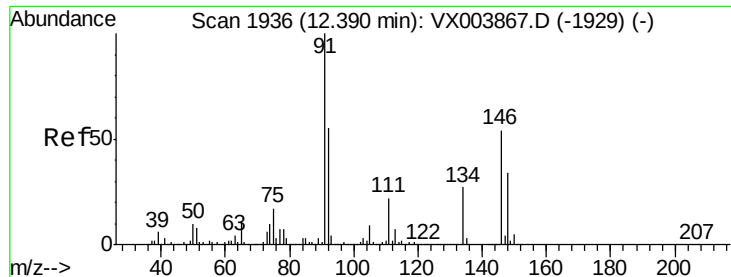
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#88
 1,4-Dichlorobenzene
 Concen: 50.46 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.4	55.0
148	63.9	32.3	96.8





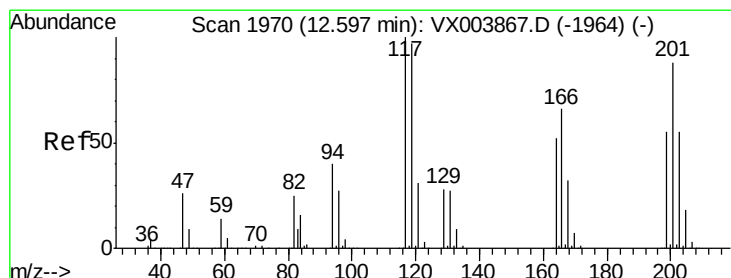
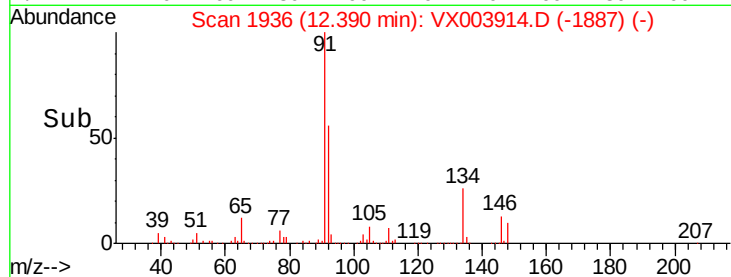
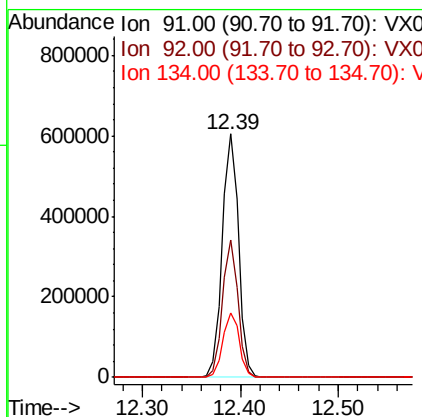
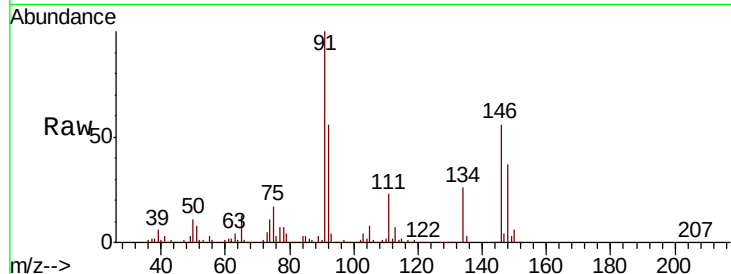
#89
n-Butylbenzene
Concen: 43.69 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		697187		
92	53.7	27.1	81.3		
134	26.8	13.6	40.7		

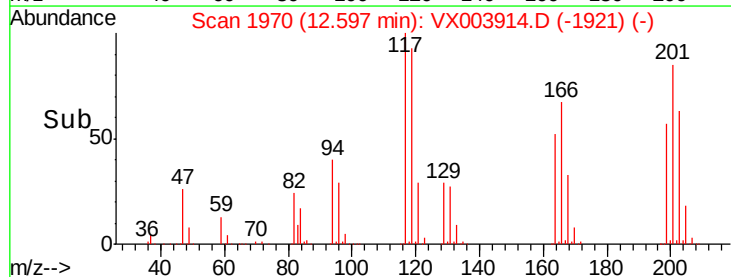
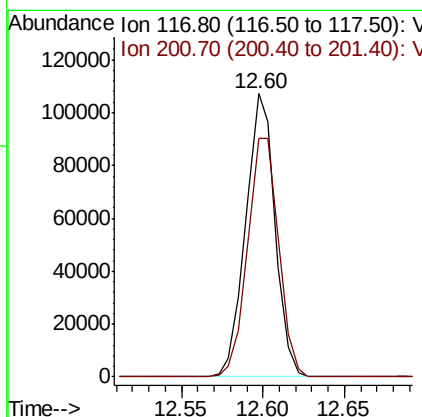
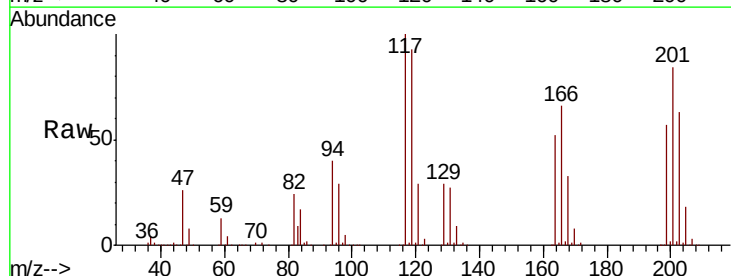
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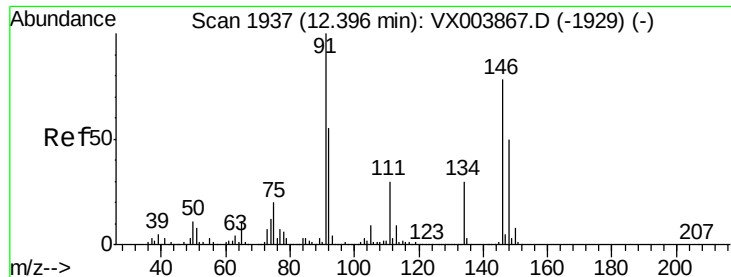
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#90
Hexachloroethane
Concen: 45.23 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		134476		
201	89.5	46.1	138.2		





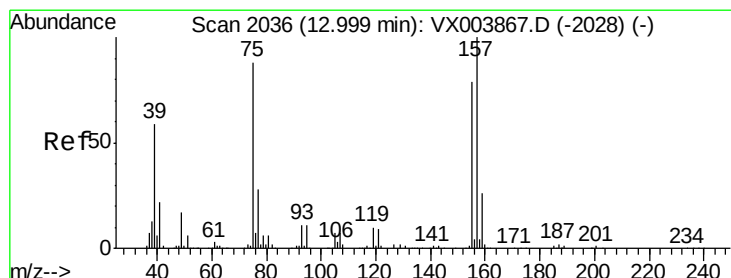
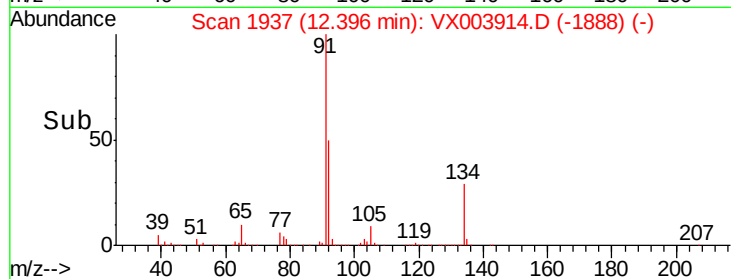
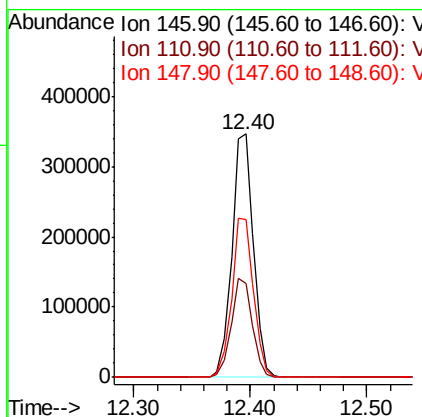
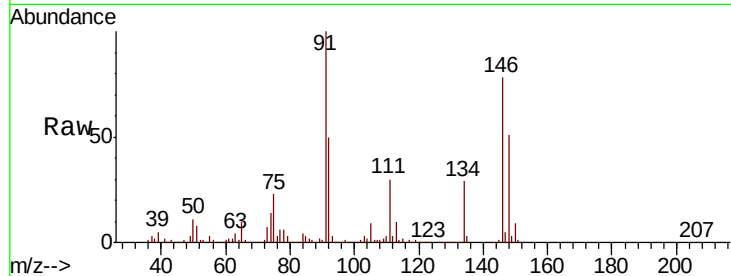
#91
 1,2-Dichlorobenzene
 Concen: 42.22 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.7	59.0
148	65.8	31.9	95.5

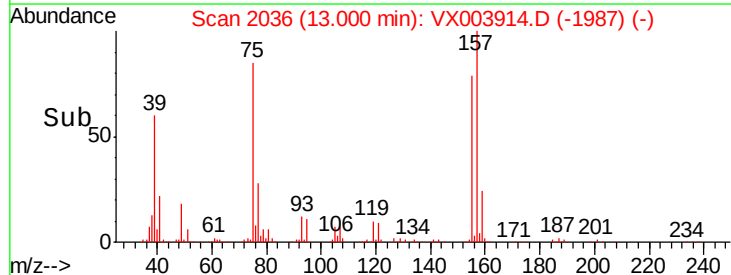
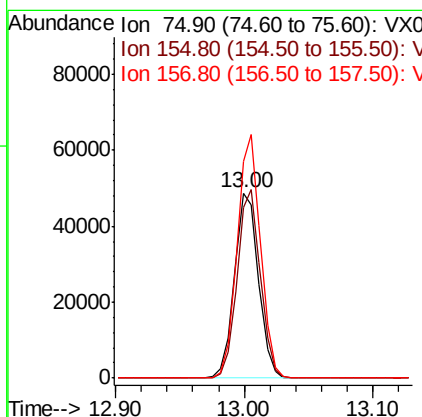
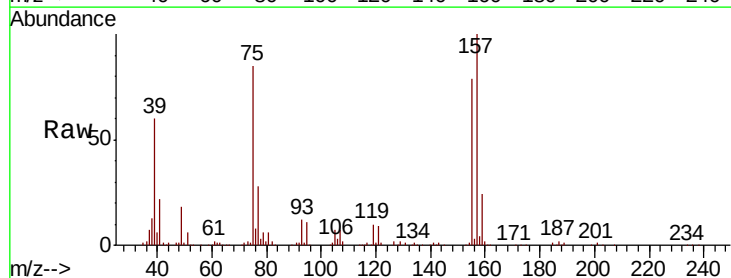
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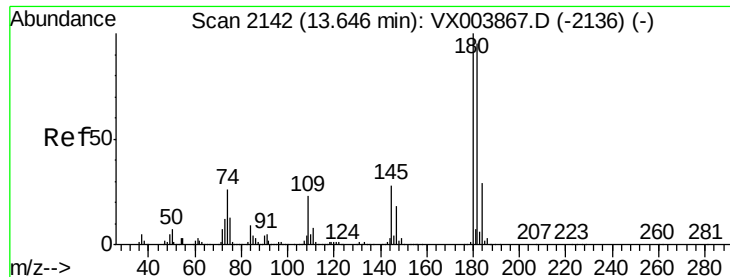
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 8/8/2018 12:06:36 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.87 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.2	48.7	146.1
157	126.6	62.6	187.8





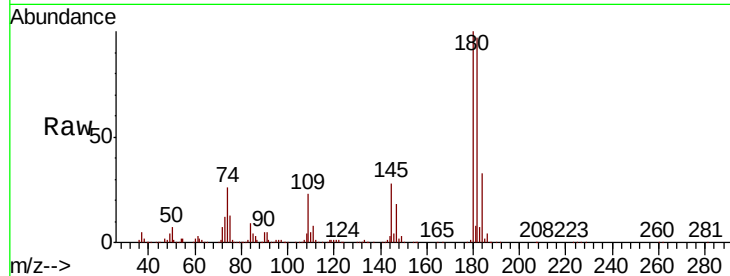
#93
 1,2,4-Trichlorobenzene
 Concen: 45.08 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

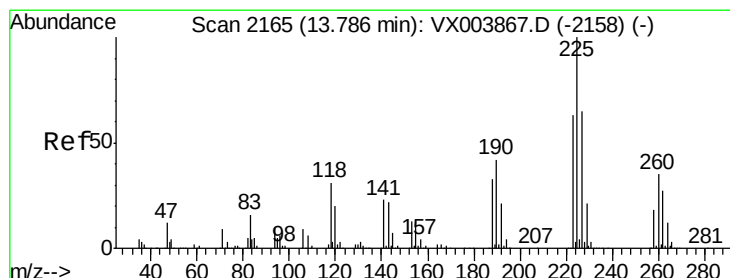
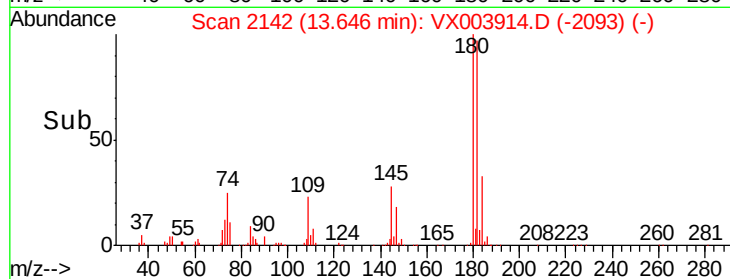
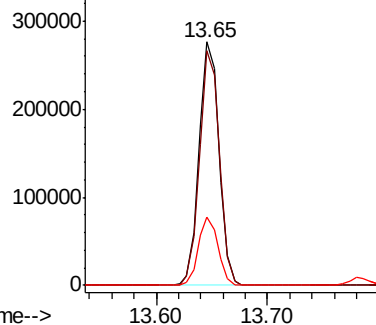
Tot Ion:	180	Resp:	341597
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.7	143.1
145	27.8	13.9	41.6

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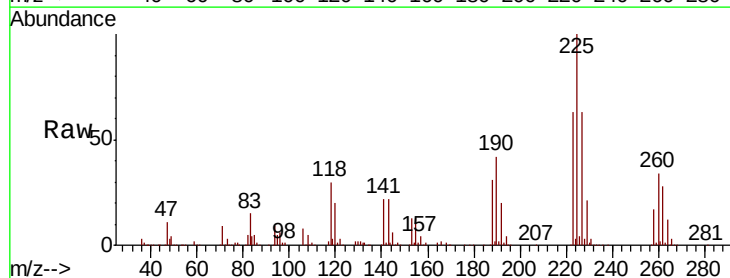


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

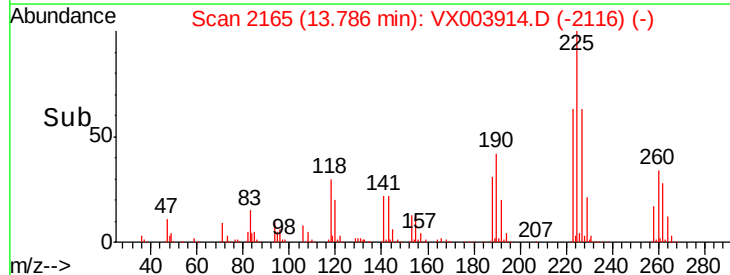
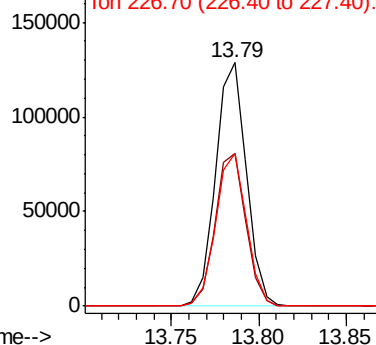


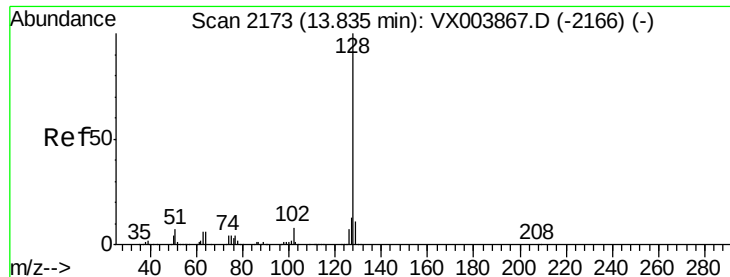
#94
 Hexachlorobutadiene
 Concen: 46.96 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003914.D
 Acq: 08 Aug 2018 07:37

Tgt Ion:	225	Resp:	156920
Ion Ratio	Lower	Upper	
225	100		
223	62.8	31.4	94.0
227	62.7	32.1	96.5



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





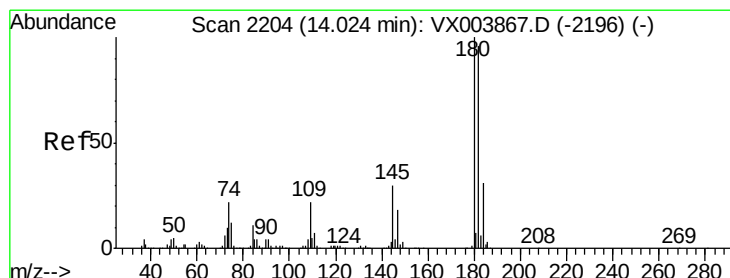
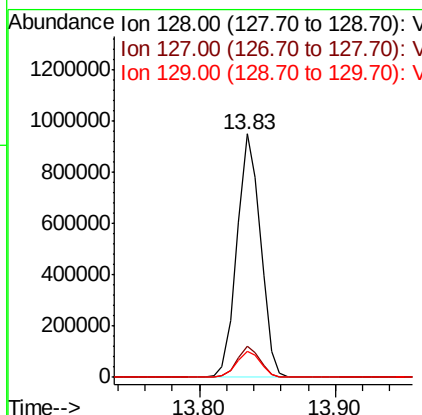
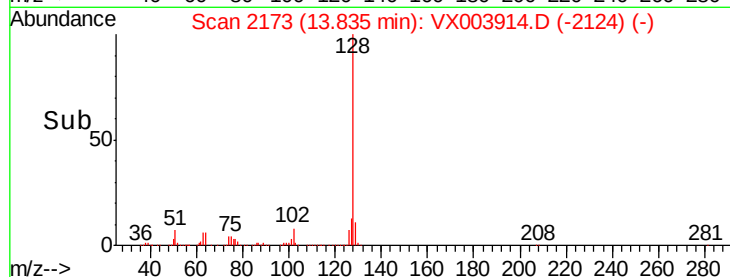
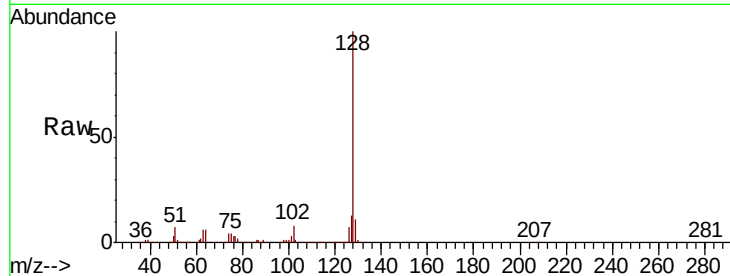
#95
Naphthalene
Concen: 52.85 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/8/2018 12:06:36 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.02 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003914.D
Acq: 08 Aug 2018 07:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.1	144.4
145	29.9	14.9	44.7

