

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002213.D
 Acq On : 01 Jun 2018 12:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/1/2018 6:37:19 PM

Quant Time: Jun 01 16:16:30 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	216809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	303117	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	198213	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	199015	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
35) Dibromofluoromethane	5.51	113	151005	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
50) Toluene-d8	8.72	98	595321	54.25	ug/l	0.00
Spiked Amount			Recovery	=	108.50%	
62) 4-Bromofluorobenzene	11.14	95	228189	53.15	ug/l	0.00
Spiked Amount			Recovery	=	106.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	109293	39.868	ug/l	98
3) Chloromethane	1.32	50	143365	42.977	ug/l	99
4) Vinyl Chloride	1.41	62	153807	47.752	ug/l	100
5) Bromomethane	1.64	94	89582	60.627	ug/l	98
6) Chloroethane	1.72	64	100494	52.926	ug/l	100
7) Trichlorofluoromethane	1.93	101	255974	52.919	ug/l	99
8) Diethyl Ether	2.19	74	96368	54.910	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	145203	53.796	ug/l	97
10) Methyl Iodide	2.51	142	188428	51.594	ug/l	97
11) Tert butyl alcohol	3.08	59	198942	261.516	ug/l	98
12) 1,1-Dichloroethene	2.37	96	131288	51.952	ug/l	95
13) Acrolein	2.30	56	65235	198.336	ug/l	100
14) Allyl chloride	2.73	41	282642	53.282	ug/l	97
15) Acrylonitrile	3.15	53	432546	276.504	ug/l	100
16) Acetone	2.45	43	447590	299.259	ug/l	99
17) Carbon Disulfide	2.57	76	306117	42.089	ug/l	99
18) Methyl Acetate	2.78	43	219918	61.294	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	516554	54.347	ug/l	99
20) Methylene Chloride	2.86	84	152198	59.074	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	140407	57.301	ug/l	98
22) Diisopropyl ether	3.88	45	506580	46.950	ug/l	99
23) Vinyl Acetate	3.83	43	2205723	246.559	ug/l	99
24) 1,1-Dichloroethane	3.70	63	285002	55.605	ug/l	99
25) 2-Butanone	4.71	43	606886	221.388	ug/l	99
26) 2,2-Dichloropropane	4.59	77	217381	41.902	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	149885	45.485	ug/l	97
28) Bromochloromethane	5.03	49	130559	61.073	ug/l	98
29) Tetrahydrofuran	5.17	42	383936	215.269	ug/l	98
30) Chloroform	5.22	83	266386	46.132	ug/l	99
31) Cyclohexane	5.58	56	230707	43.203	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	235455	43.737	ug/l	99
36) 1,1-Dichloropropene	5.81	75	192848	45.739	ug/l	99
37) Ethyl Acetate	4.87	43	233045	42.397	ug/l	99
38) Carbon Tetrachloride	5.79	117	204614	41.617	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	235585	45.481	ug/l	98
40) Benzene	6.15	78	578697	46.850	ug/l	99
41) Methacrylonitrile	5.07	41	133068	45.760	ug/l	99
42) 1,2-Dichloroethane	6.20	62	228692	46.350	ug/l	99
43) Isopropyl Acetate	6.47	43	396773	43.322	ug/l	99
44) Trichloroethene	7.22	130	165199	45.895	ug/l	100
45) 1,2-Dichloropropane	7.52	63	158707	47.311	ug/l	100
46) Dibromomethane	7.67	93	103499	46.601	ug/l	99
47) Bromodichloromethane	7.90	83	194636	41.101	ug/l	99
48) Methyl methacrylate	7.78	41	205278	44.038	ug/l	98
49) 1,4-Dioxane	7.76	88	71949	875.898	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1285339	232.807	ug/l	99
52) Toluene	8.79	92	380745	48.435	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	239395	43.892	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	226950	42.702	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	156643	47.700	ug/l	98
56) Ethyl methacrylate	9.18	69	248681	44.026	ug/l	98
57) 1,3-Dichloropropane	9.38	76	258648	47.810	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	560573	223.910	ug/l	100
59) 2-Hexanone	9.50	43	996505	234.081	ug/l	100
60) Dibromochloromethane	9.59	129	160083	41.156	ug/l	99
61) 1,2-Dibromoethane	9.68	107	164801	47.826	ug/l	99
64) Tetrachloroethene	9.34	164	186736	45.460	ug/l	99
65) Chlorobenzene	10.15	112	433150	47.720	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	160420	43.767	ug/l	100
67) Ethyl Benzene	10.26	91	755286	47.892	ug/l	99
68) m/p-Xylenes	10.37	106	584957	97.031	ug/l	99
69) o-Xylene	10.70	106	285848	47.488	ug/l	99
70) Styrene	10.71	104	476058	47.689	ug/l	100
71) Bromoform	10.86	173	126040	36.265	ug/l #	100
73) Isopropylbenzene	11.02	105	777546	46.324	ug/l	100
74) N-amyl acetate	6.47	43	396773	45.269	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	231308	50.397	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	240731m	50.563	ug/l	
77) Bromobenzene	11.26	156	205396	46.123	ug/l	96
78) n-propylbenzene	11.37	91	883217	46.982	ug/l	100
79) 2-Chlorotoluene	11.43	91	523624	50.813	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	663009	46.221	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	69782	35.227	ug/l	89
82) 4-Chlorotoluene	11.52	91	621367	46.864	ug/l	100
83) tert-Butylbenzene	11.77	119	646594	45.936	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	682228	46.024	ug/l	99
85) sec-Butylbenzene	11.95	105	795873	47.036	ug/l	100
86) p-Isopropyltoluene	12.07	119	716889	47.347	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	376434	47.200	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	380469	47.717	ug/l	100
89) n-Butylbenzene	12.39	91	621339	48.430	ug/l	100
90) Hexachloroethane	12.60	117	109366	36.619	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	385551	47.447	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54460	36.494	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	277041	47.679	ug/l	99
94) Hexachlorobutadiene	13.79	225	146265	46.795	ug/l	99
95) Naphthalene	13.84	128	815974	45.580	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	281643	46.844	ug/l	100

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

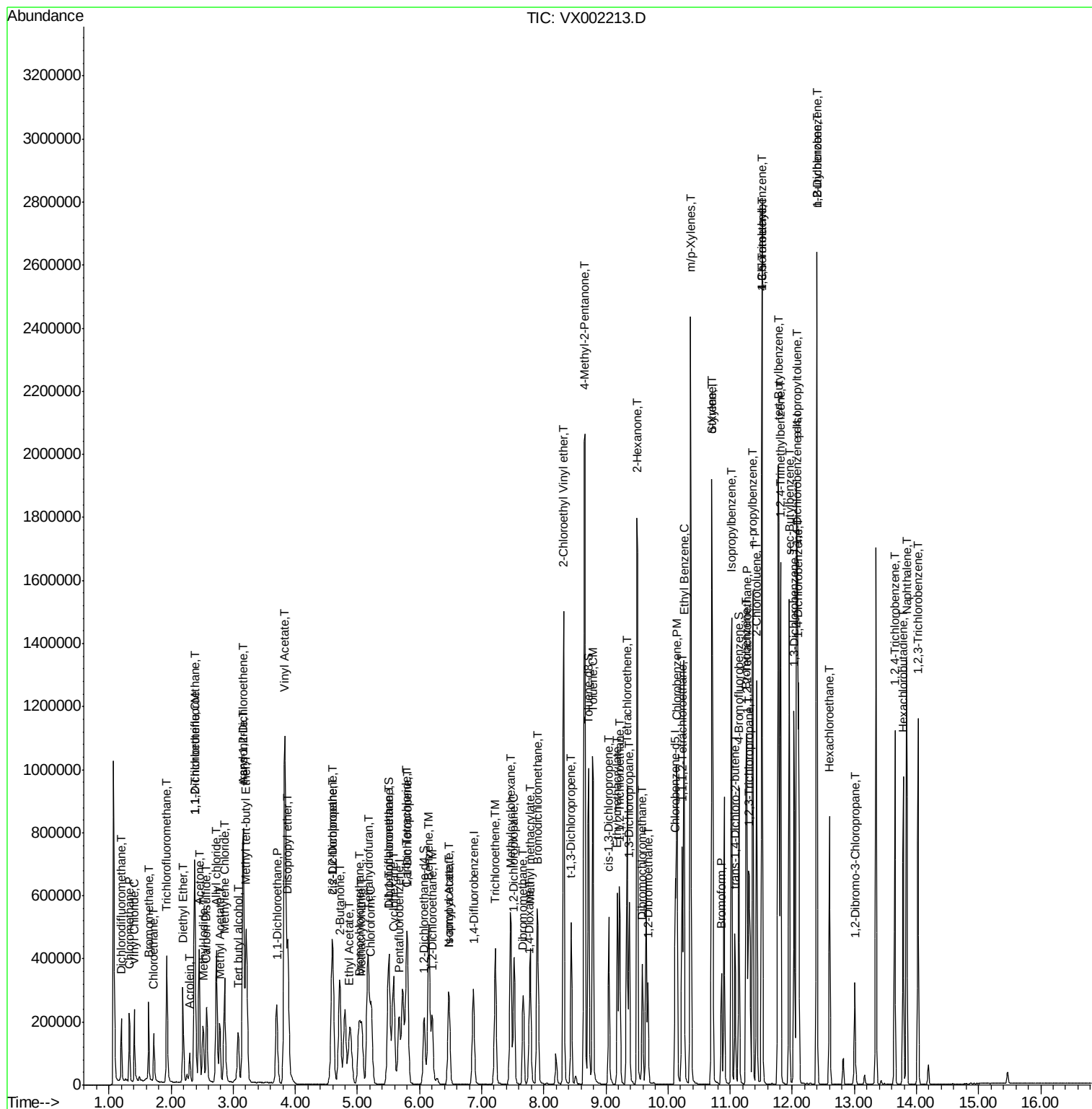
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
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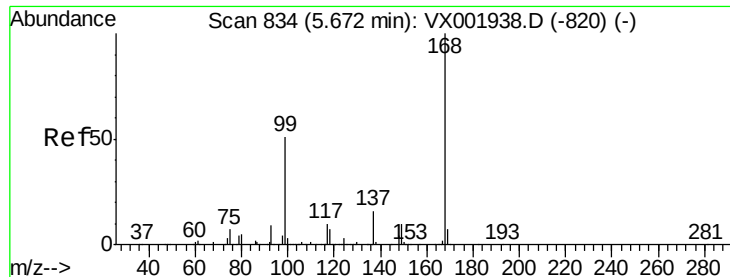
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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#1

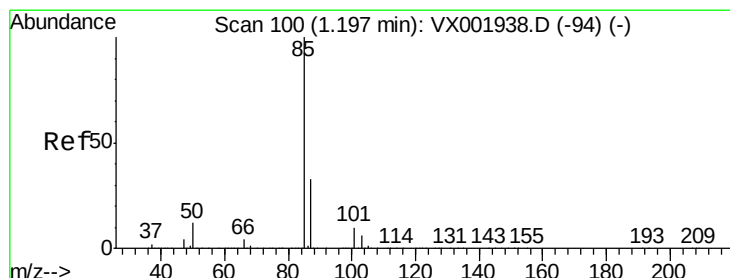
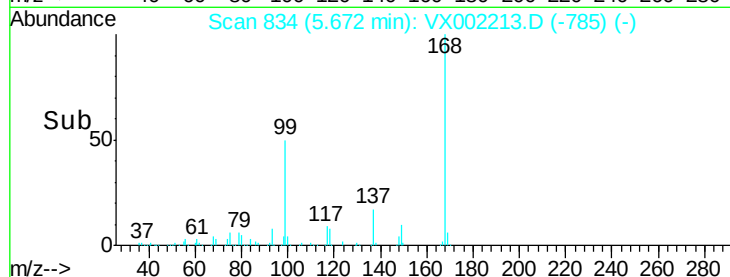
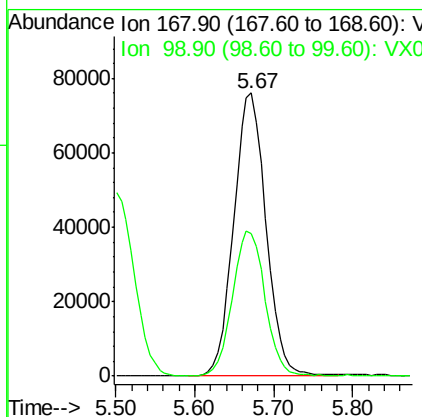
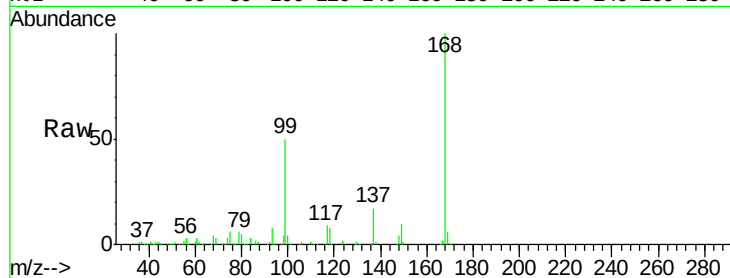
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.0	41.0	61.4

Manual Integrations
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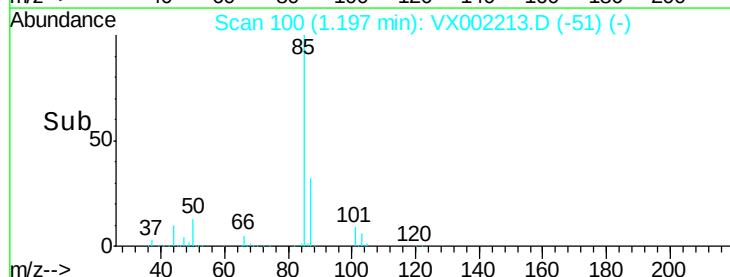
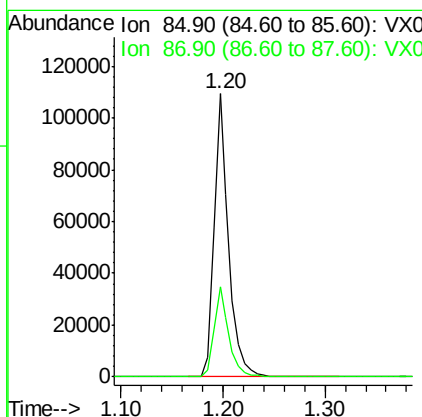
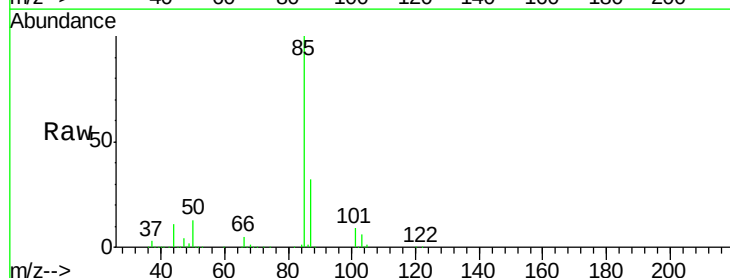
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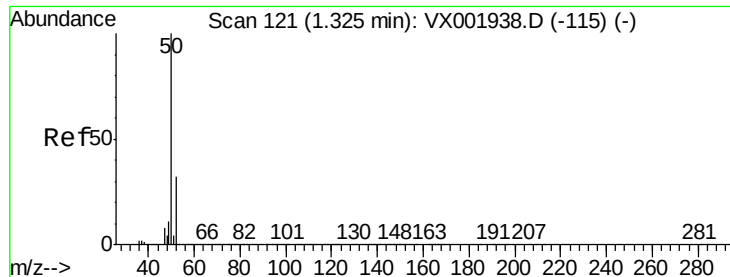


#2

Dichlorodifluoromethane
 Concen: 39.868 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.7	50.0





#3

Chloromethane

Concen: 42.977 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 143365

Ion Ratio Lower Upper

50 100

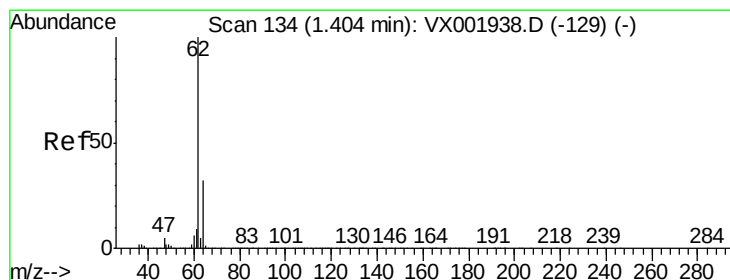
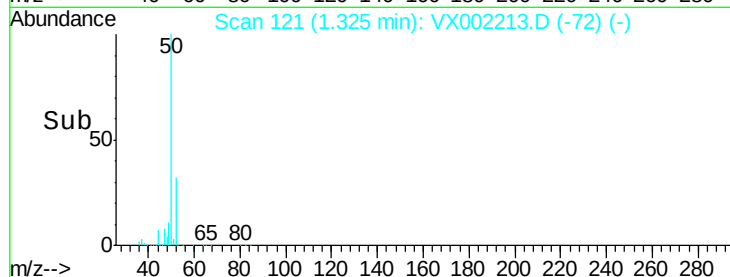
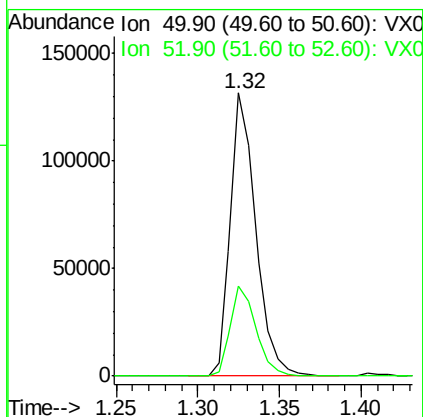
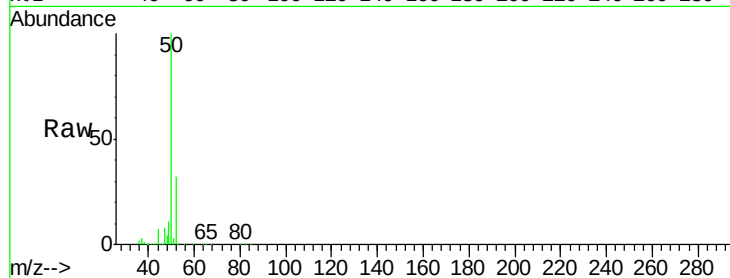
52 32.0 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.752 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002213.D

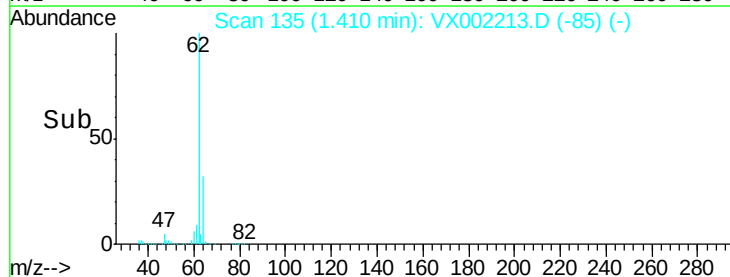
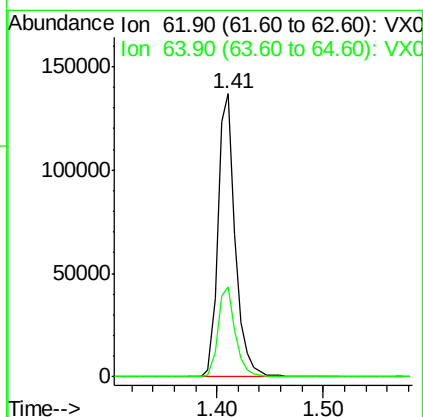
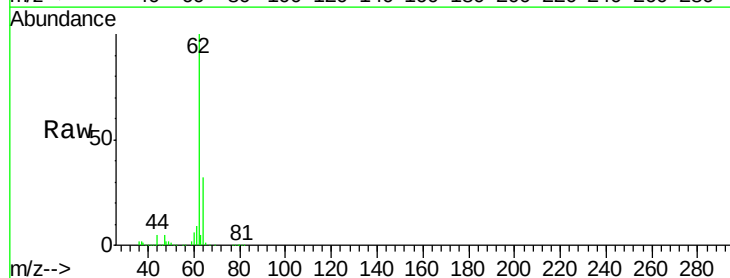
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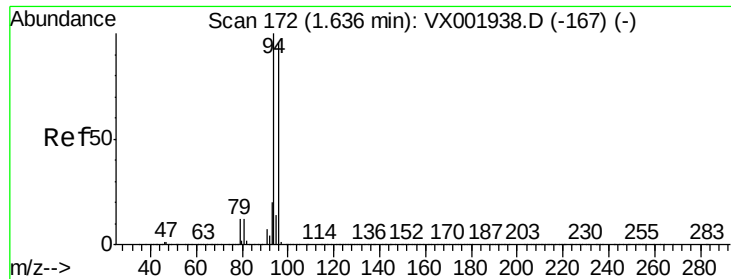
Tgt Ion: 62 Resp: 153807

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 60.627 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 89582

Ion Ratio Lower Upper

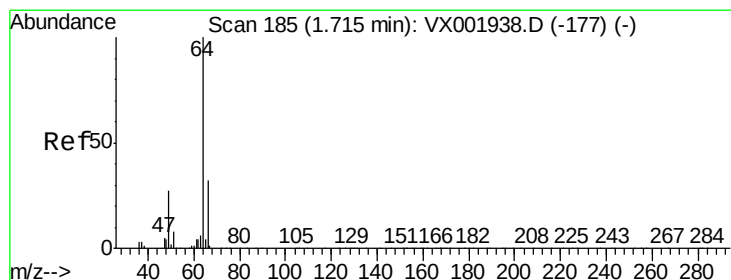
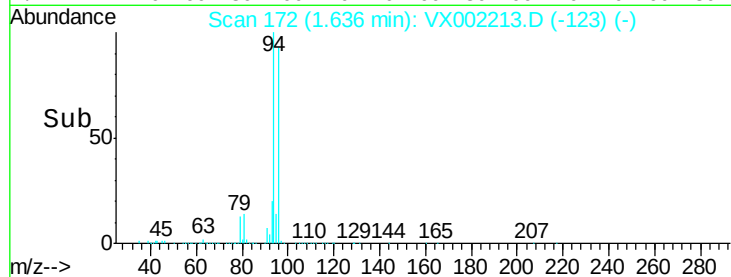
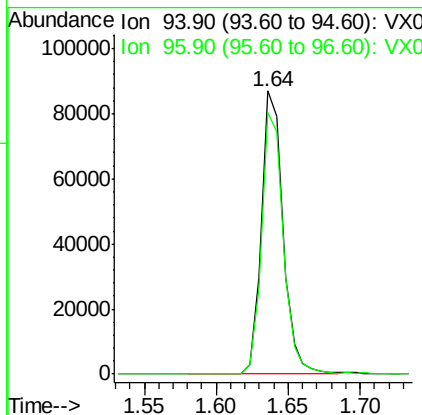
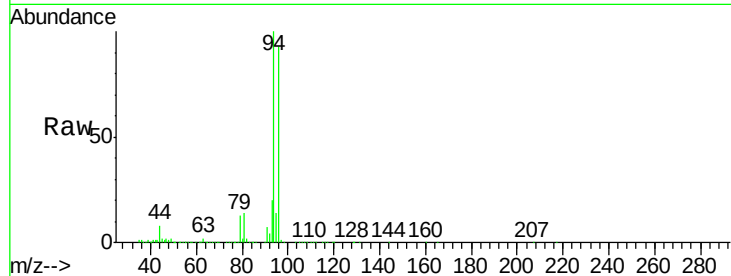
94 100

96 92.5 75.9 113.9

Manual Integrations
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#6

Chloroethane

Concen: 52.926 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX002213.D

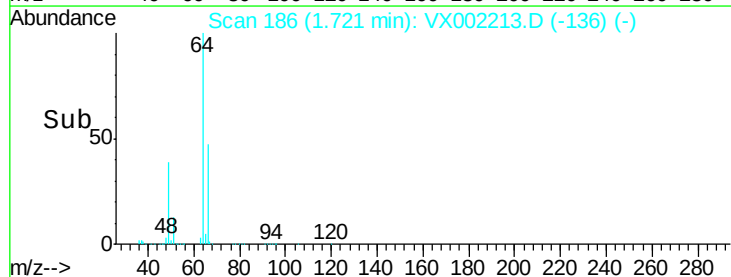
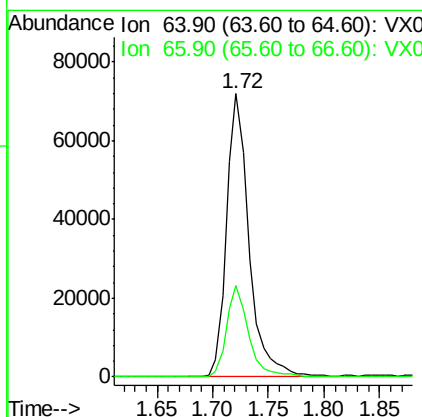
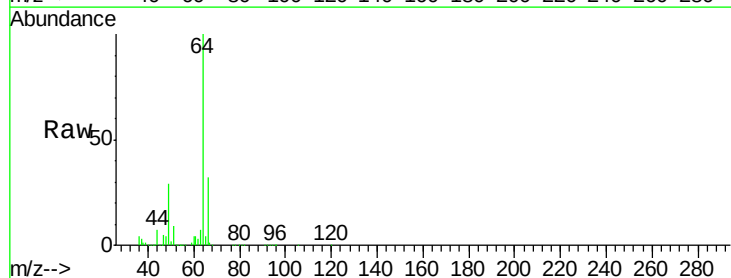
Acq: 01 Jun 2018 12:01

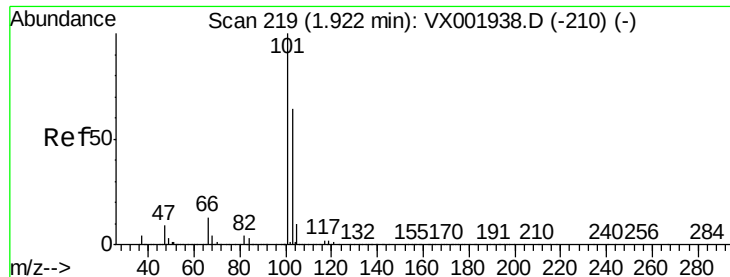
Tgt Ion: 64 Resp: 100494

Ion Ratio Lower Upper

64 100

66 32.1 25.6 38.4





#7

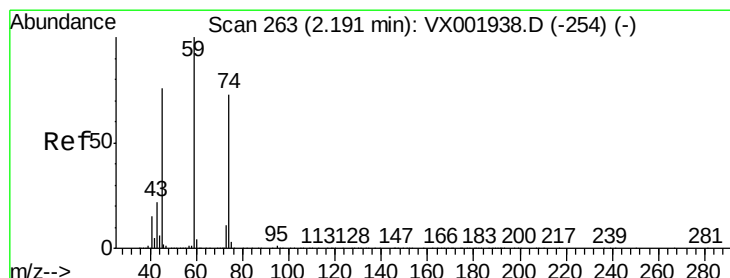
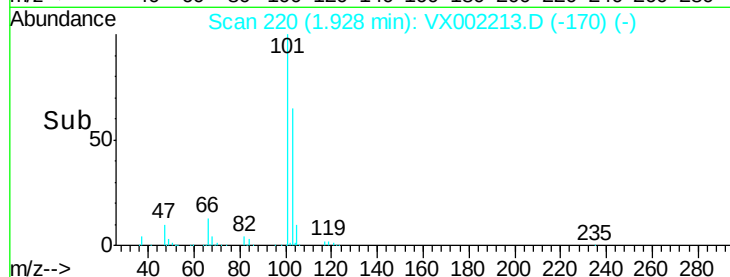
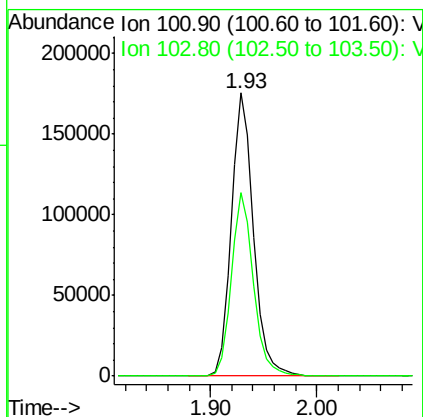
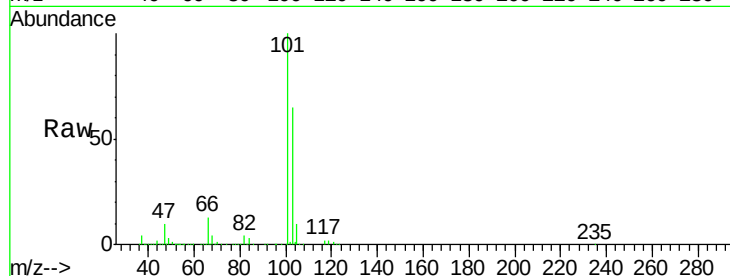
Trichlorofluoromethane
Concen: 52.919 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.4	77.0

Manual Integrations
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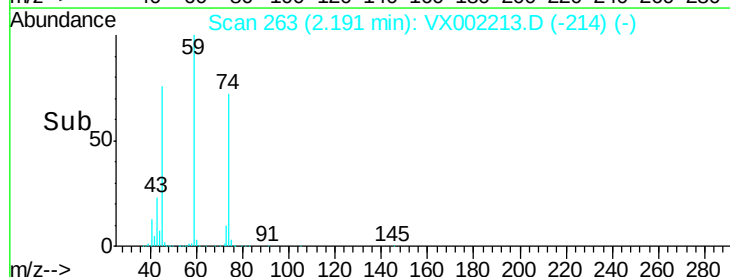
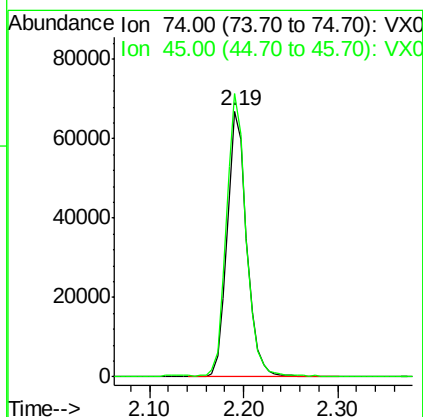
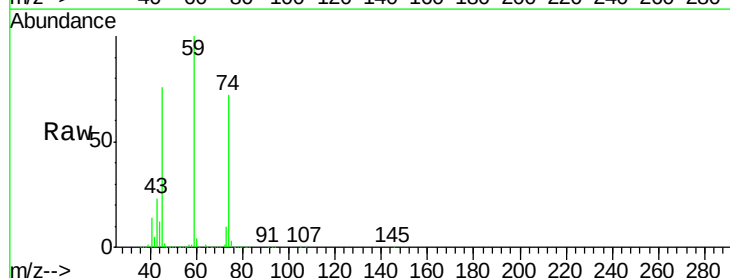
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6/1/2018 6:37:19 PM

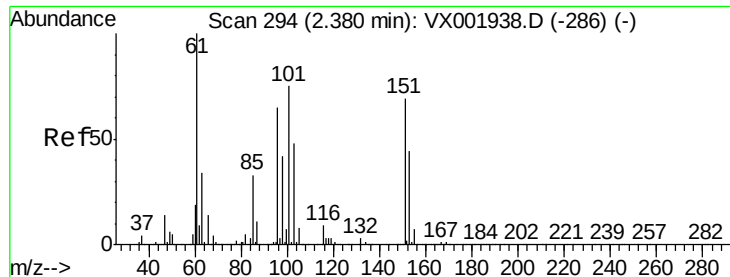


#8

Diethyl Ether
Concen: 54.910 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.5	51.5	154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.796 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

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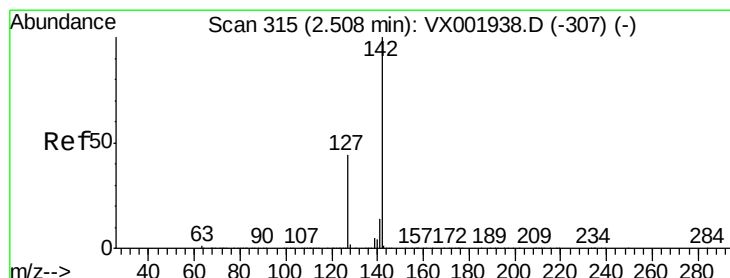
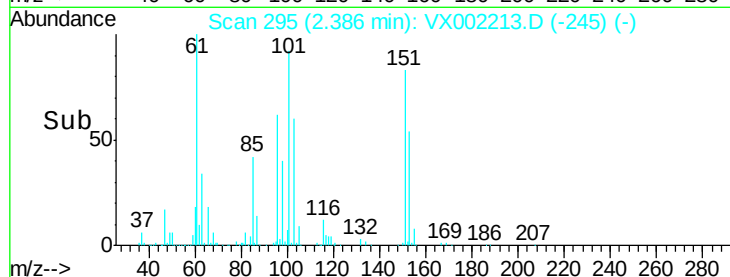
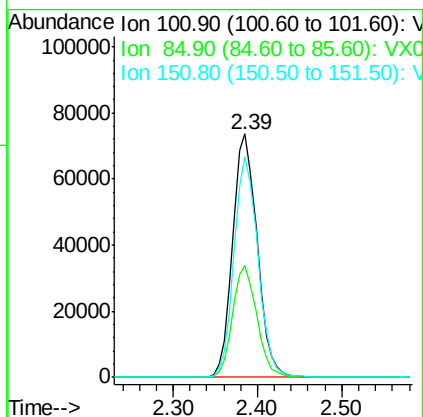
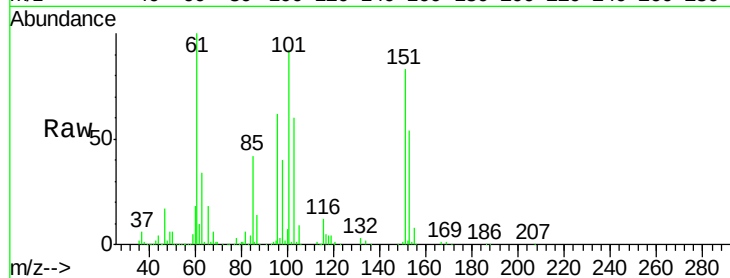
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	145203
Ion Ratio	Lower	Upper	
101	100		
85	45.3	35.6	53.4
151	88.4	73.2	109.8

Manual Integrations
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#10

Methyl Iodide

Concen: 51.594 ug/l

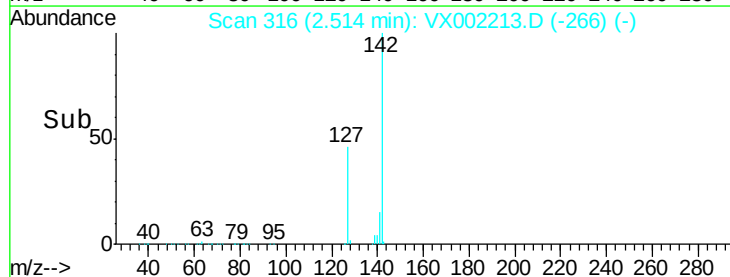
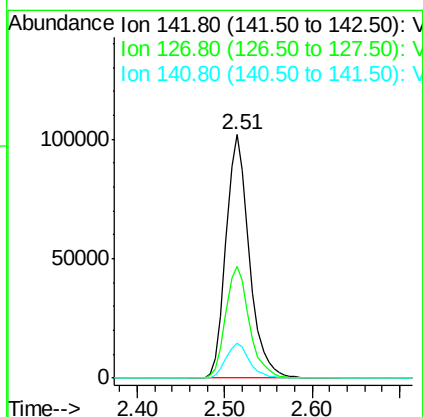
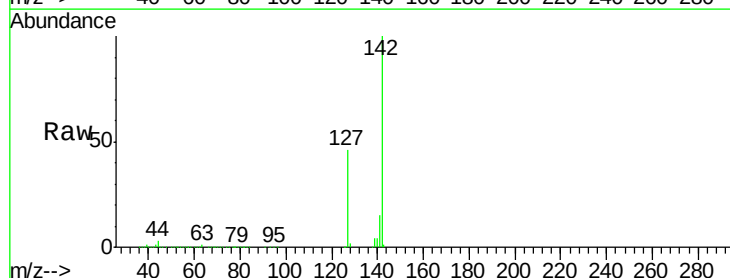
RT: 2.51 min Scan# 316

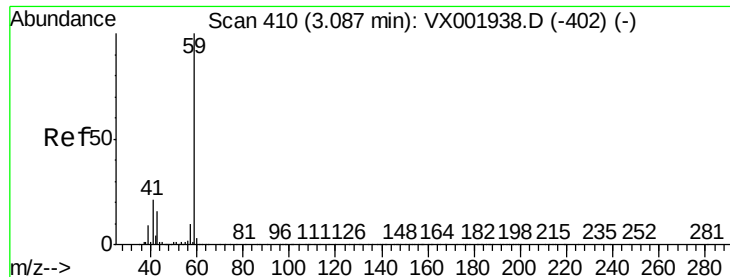
Delta R.T. 0.01 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Tgt Ion:	142	Resp:	188428
Ion Ratio	Lower	Upper	
142	100		
127	46.5	35.5	53.3
141	14.6	11.3	16.9





#11

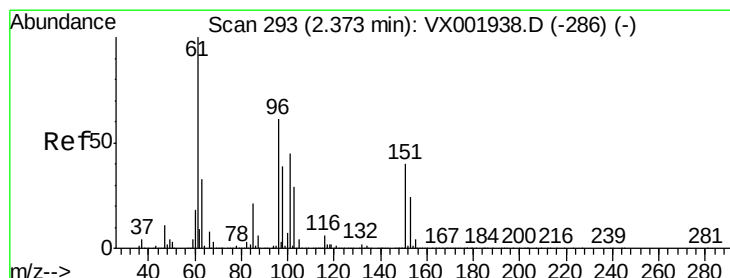
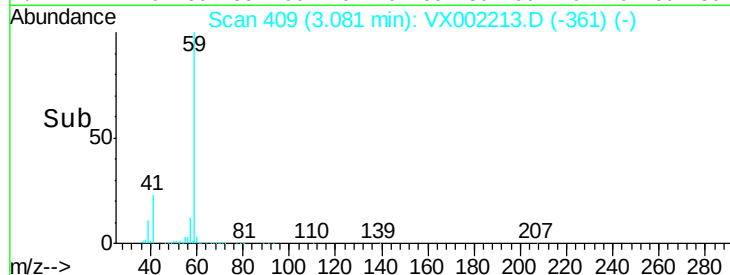
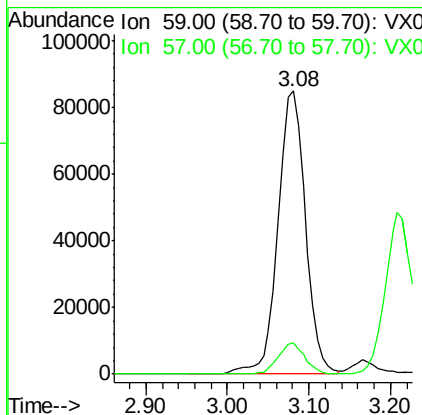
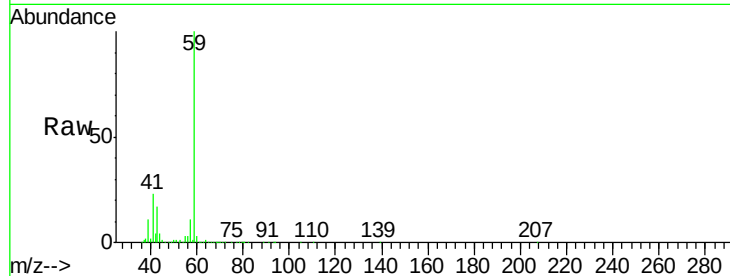
Tert butyl alcohol
Concen: 261.516 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.9	13.3

Manual Integrations
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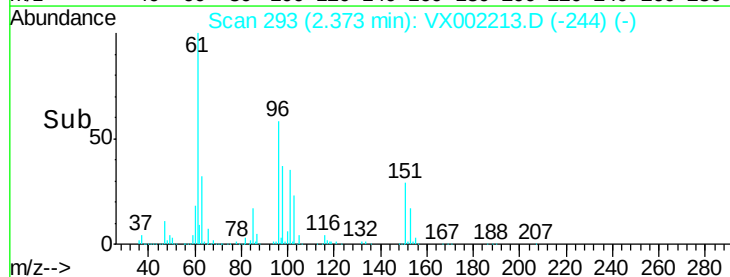
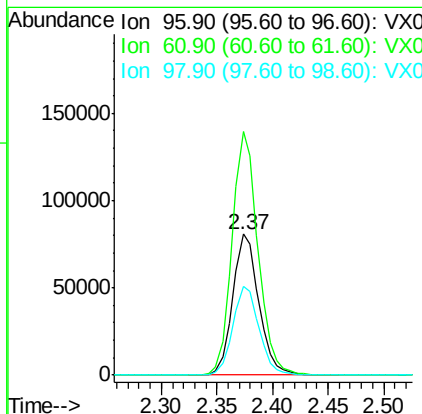
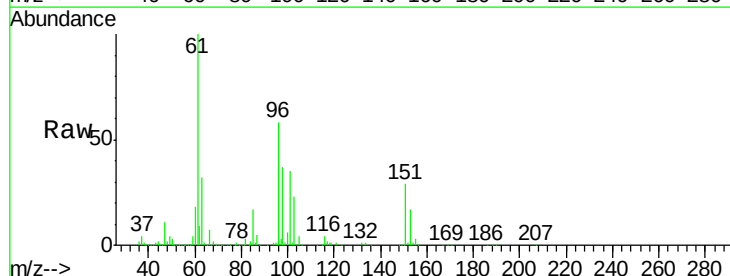
MMDadoda
6/1/2018 6:37:19 PM

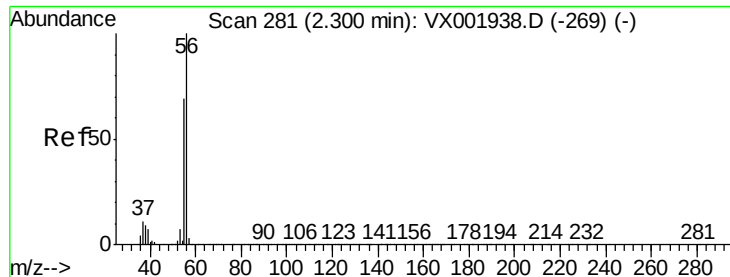


#12

1,1-Dichloroethene
Concen: 51.952 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.9	131.7	197.5
98	63.3	51.6	77.4





#13

Acrolein

Concen: 198.336 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 65235

Ion Ratio Lower Upper

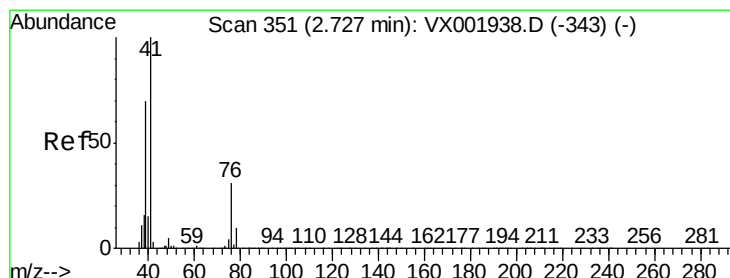
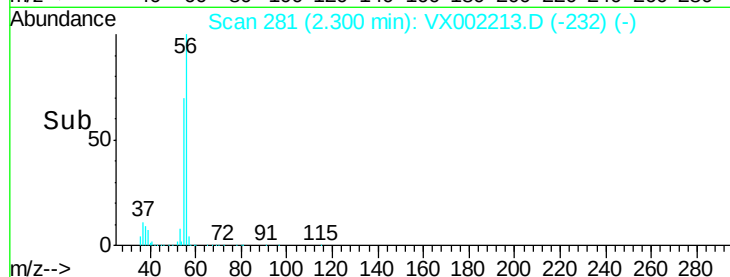
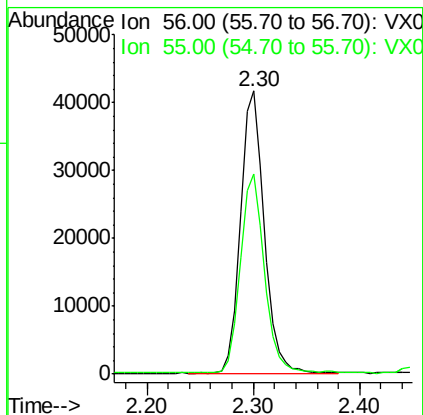
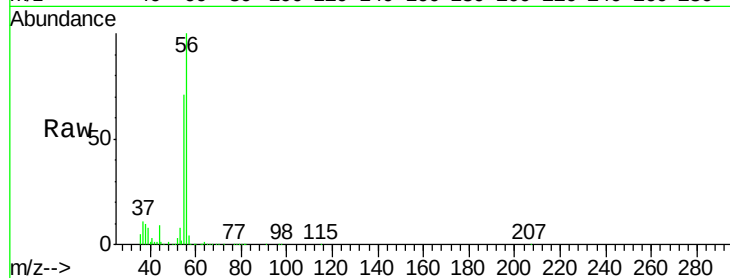
56 100

55 70.9 56.8 85.2

Manual Integrations
APPROVED

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6/1/2018 6:37:19 PM



#14

Allyl chloride

Concen: 53.282 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

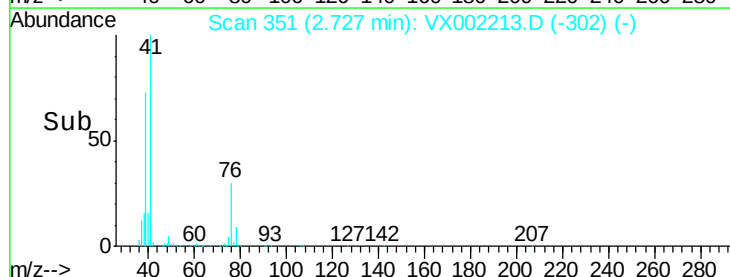
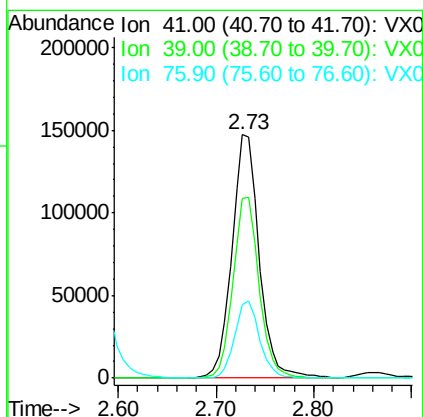
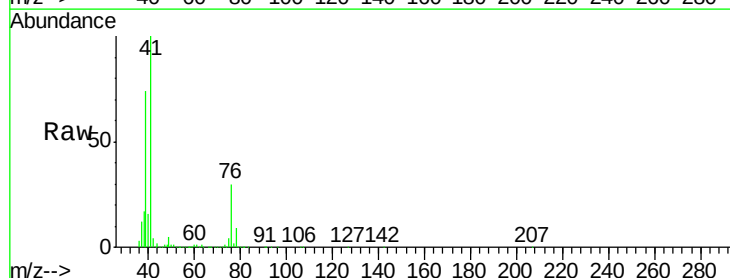
Tgt Ion: 41 Resp: 282642

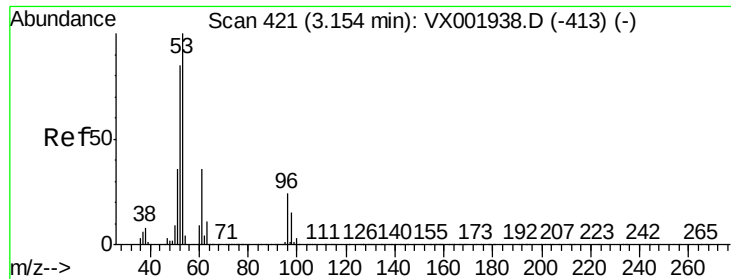
Ion Ratio Lower Upper

41 100

39 71.0 54.3 81.5

76 29.4 24.2 36.4





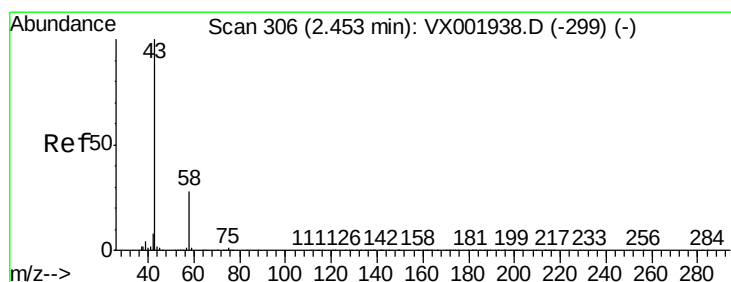
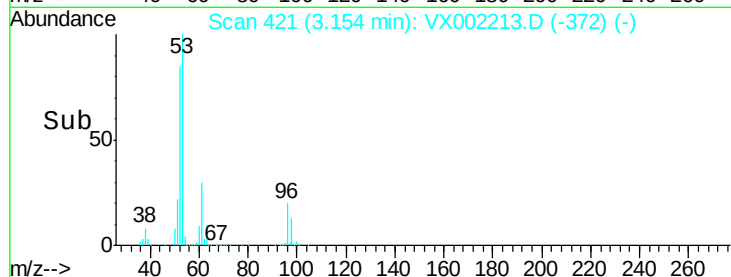
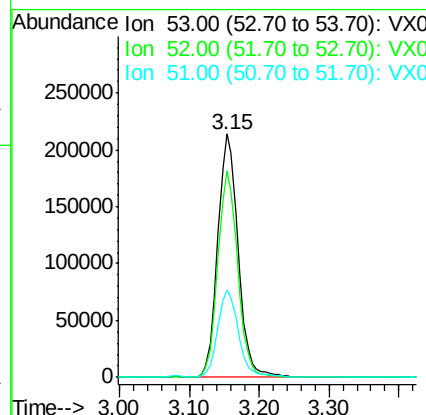
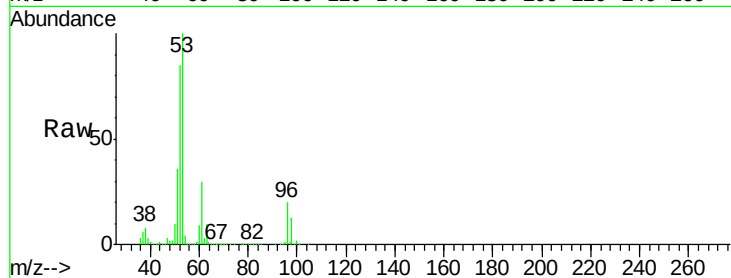
#15
 Acrylonitrile
 Concen: 276.504 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	53	Resp	432546
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.4	99.6
51	36.7	29.3	43.9

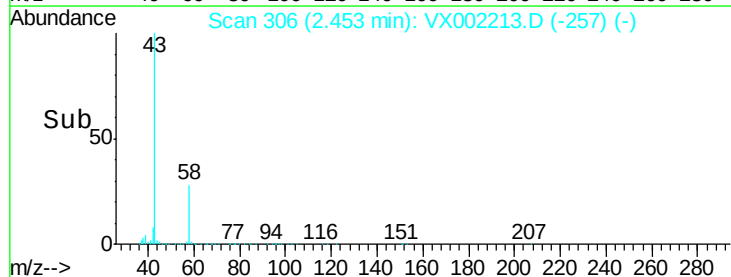
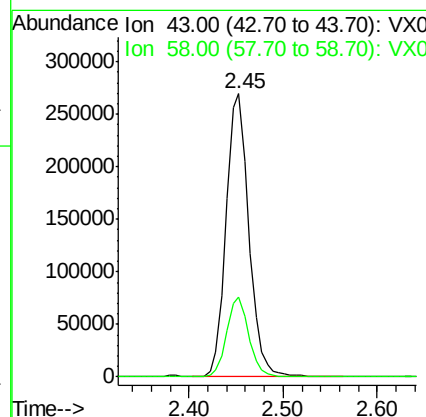
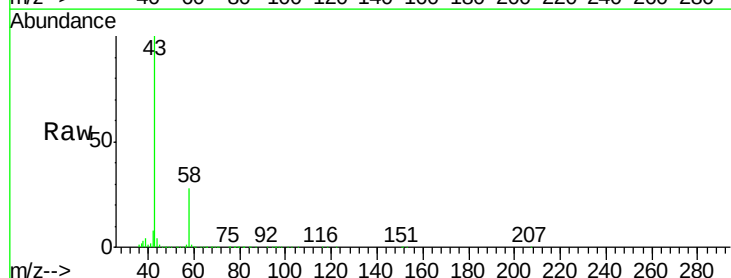
Manual Integrations
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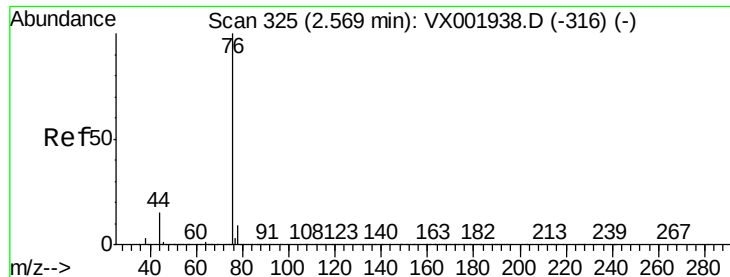
MMDadoda
 6/1/2018 6:37:19 PM



#16
 Acetone
 Concen: 299.259 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Tgt Ion	43	Resp	447590
Ion	Ratio	Lower	Upper
43	100		
58	28.2	22.3	33.5





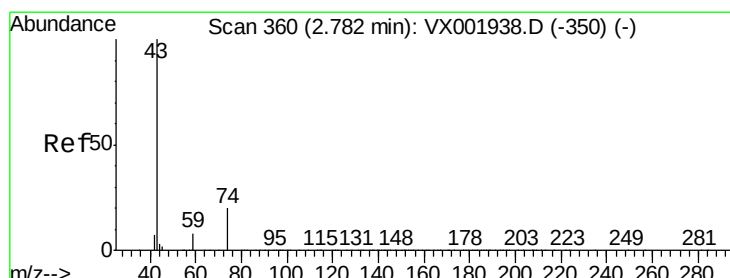
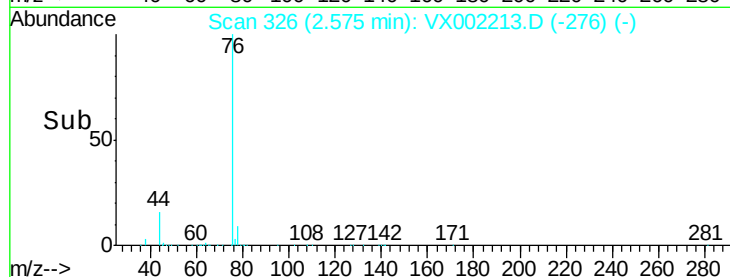
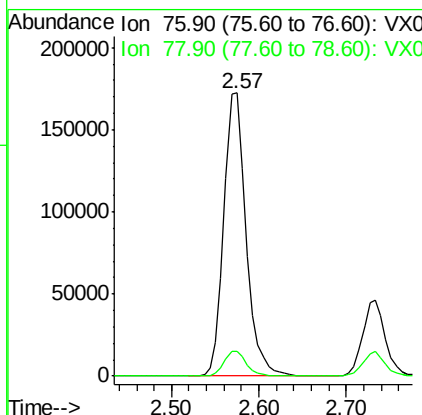
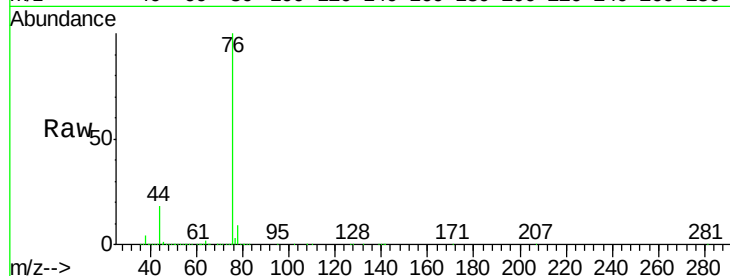
#17
Carbon Disulfide
Concen: 42.089 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.2

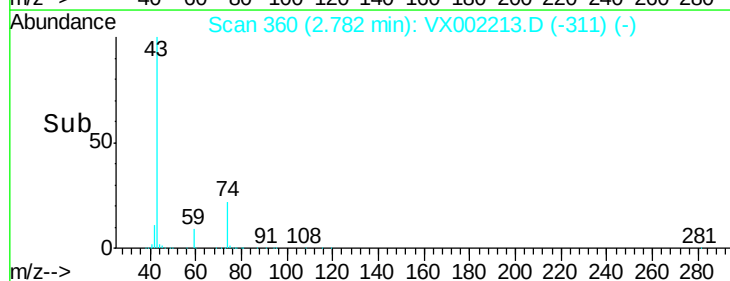
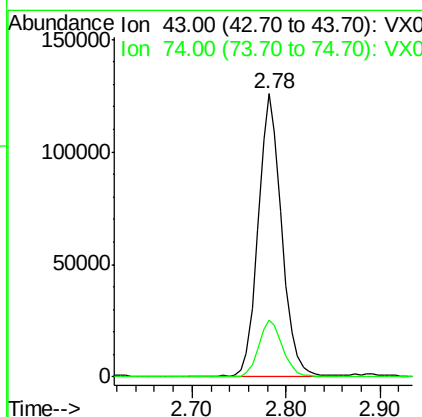
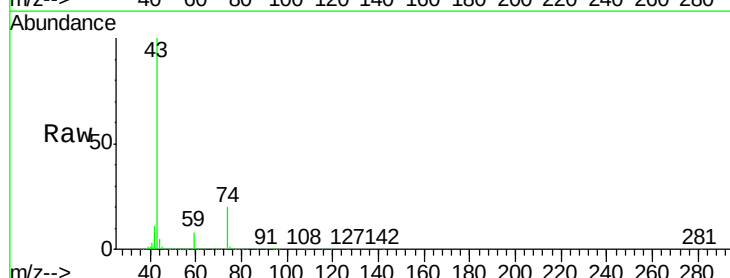
Manual Integrations
APPROVED

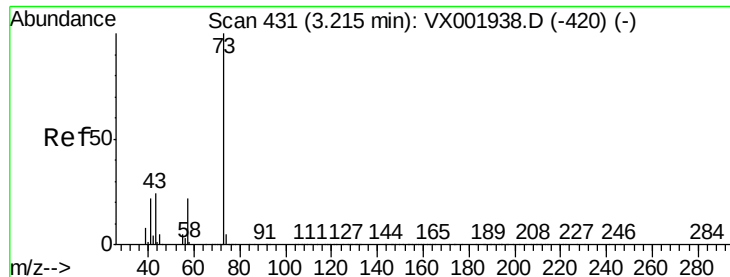
MMDadoda
6/1/2018 6:37:19 PM



#18
Methyl Acetate
Concen: 61.294 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.9	16.8	25.2





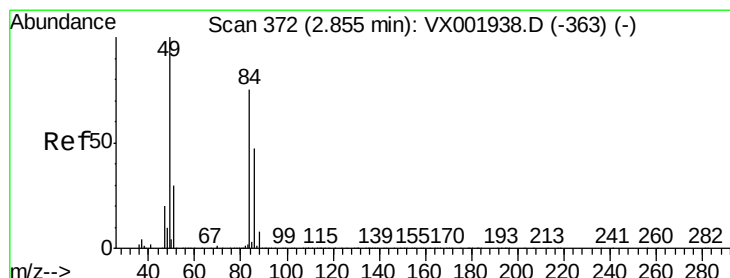
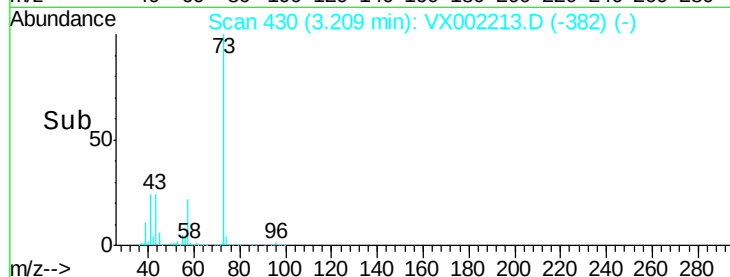
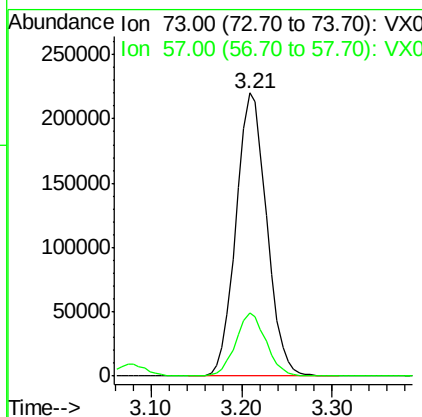
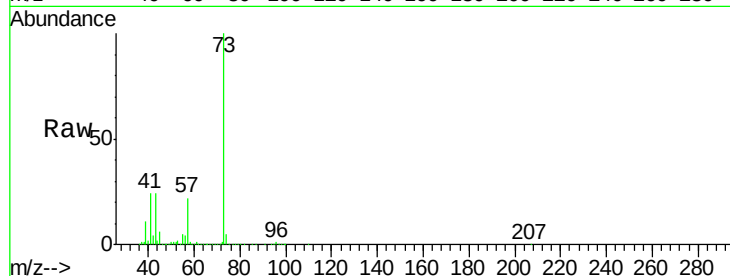
#19
Methyl tert-butyl Ether
Concen: 54.347 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.4	26.0

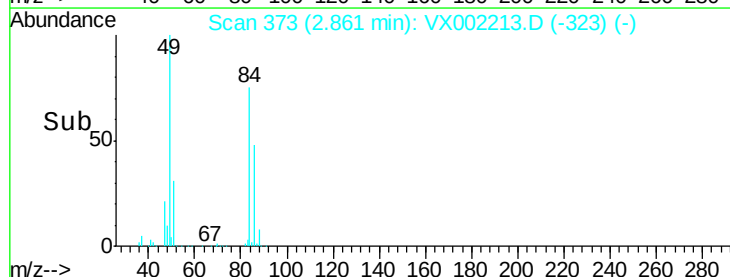
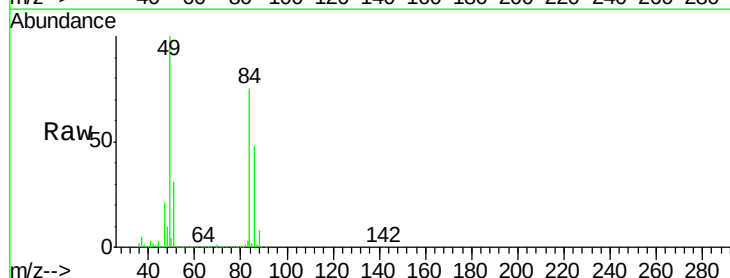
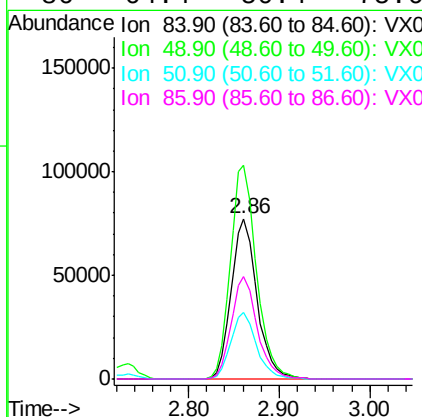
Manual Integrations
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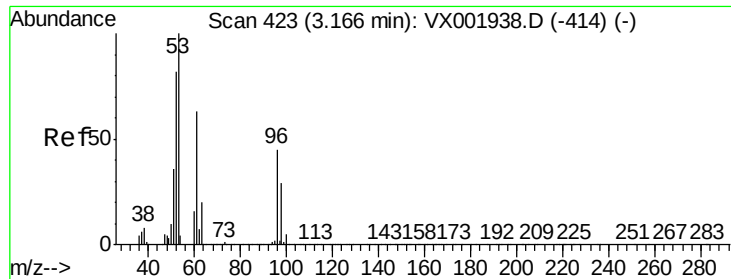
MMDadoda
6/1/2018 6:37:19 PM



#20
Methylene Chloride
Concen: 59.074 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.3	107.2	160.8
51	41.8	32.4	48.6
86	64.4	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 57.301 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

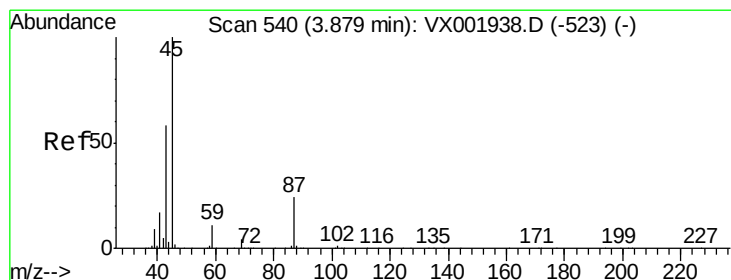
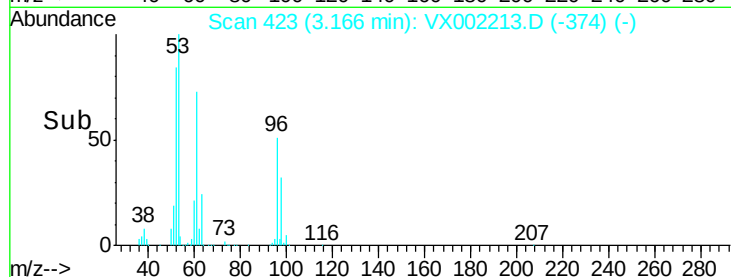
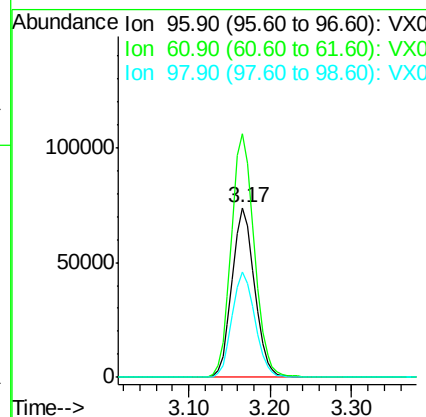
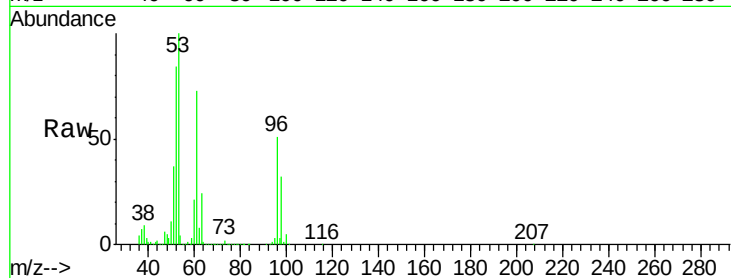
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	140407
Ion	Ratio	Lower	Upper
96	100		
61	143.5	113.3	169.9
98	61.9	51.7	77.5

Manual Integrations
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6/1/2018 6:37:19 PM



#22

Diisopropyl ether

Concen: 46.950 ug/l

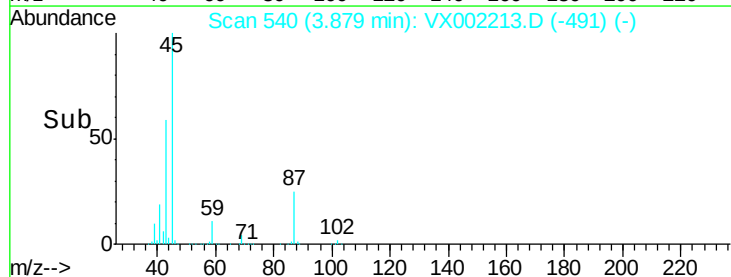
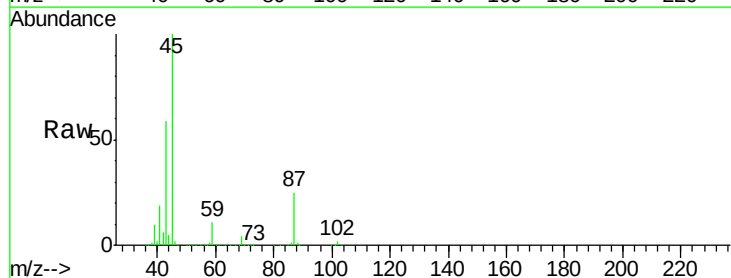
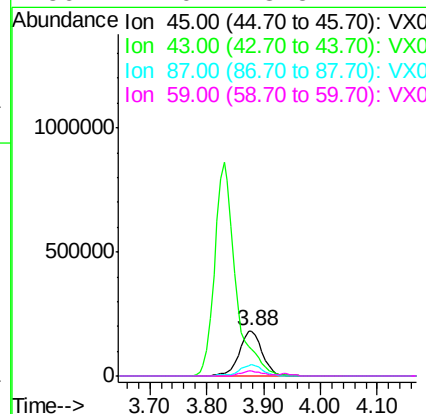
RT: 3.88 min Scan# 540

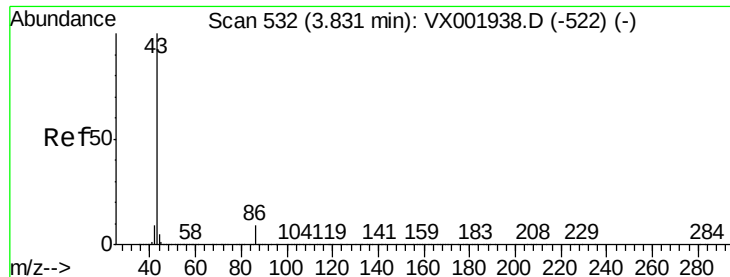
Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Tgt Ion:	45	Resp:	506580
Ion	Ratio	Lower	Upper
45	100		
43	59.0	47.0	70.6
87	24.9	19.4	29.0
59	11.0	8.5	12.7





#23

Vinyl Acetate

Concen: 246.559 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2205723

Ion Ratio Lower Upper

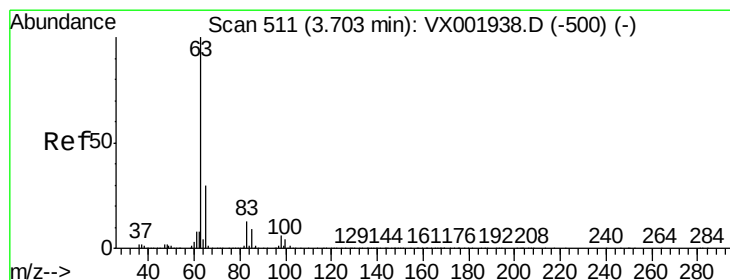
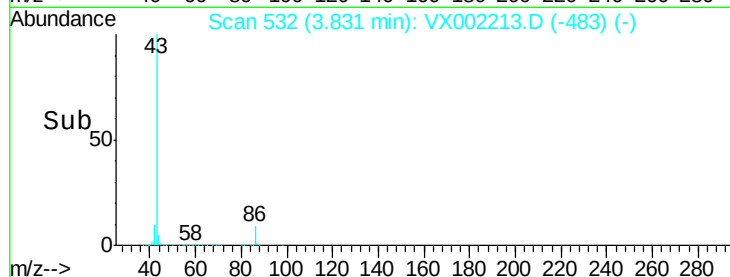
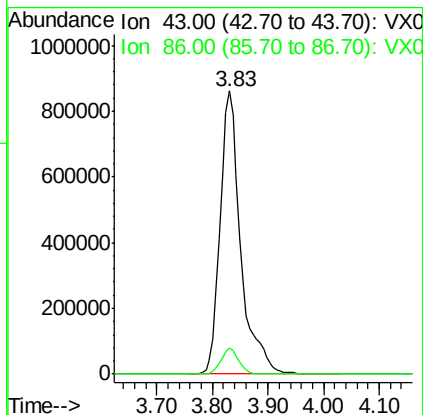
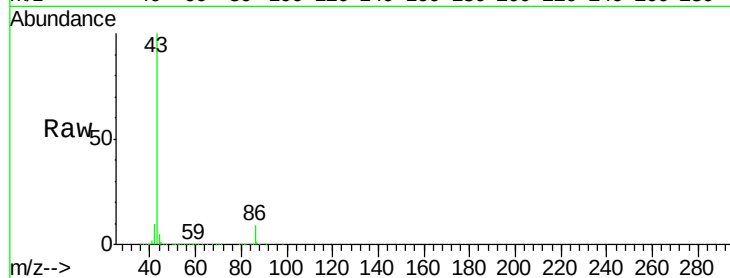
43 100

86 9.0 7.6 11.4

Manual Integrations
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MMDadoda

6/1/2018 6:37:19 PM



#24

1,1-Dichloroethane

Concen: 55.605 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

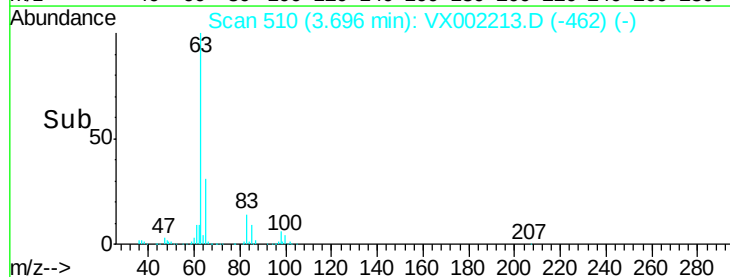
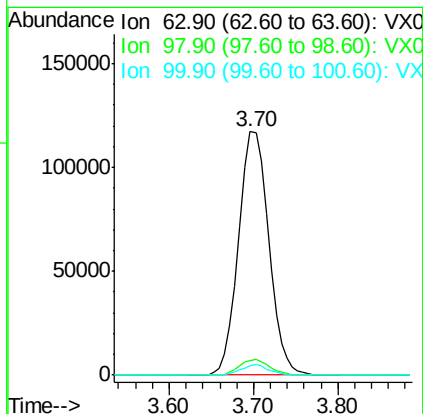
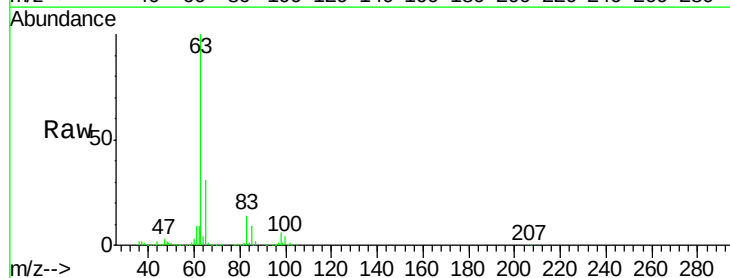
Tgt Ion: 63 Resp: 285002

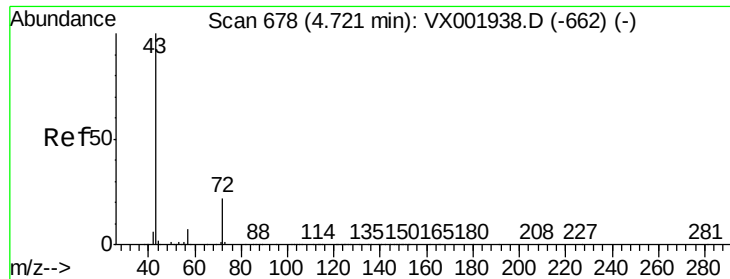
Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

100 4.0 2.1 6.5





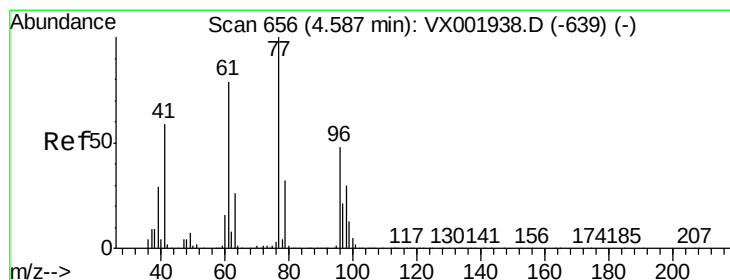
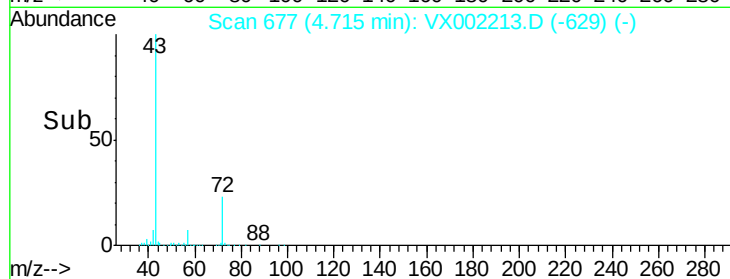
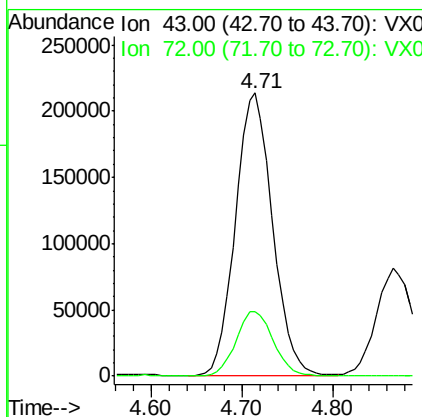
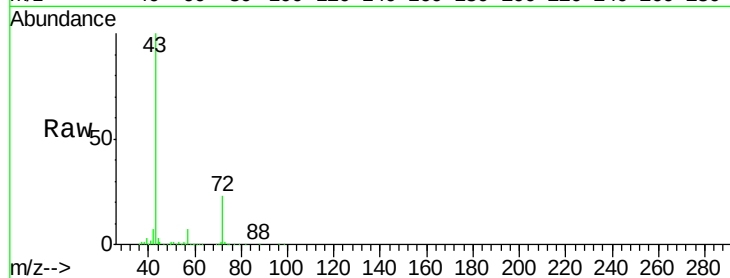
#25
2-Butanone
Concen: 221.388 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
72	22.9	17.9	26.9

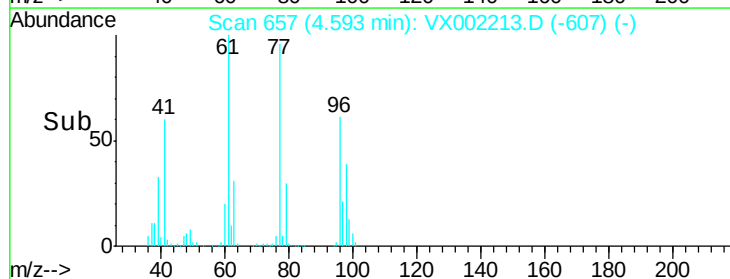
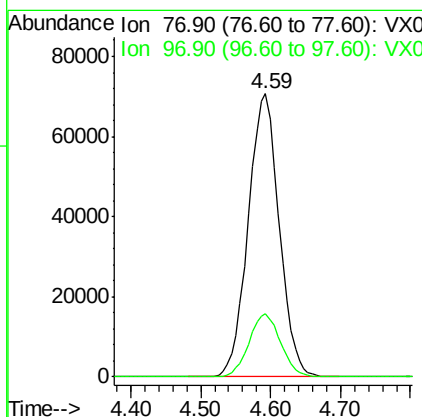
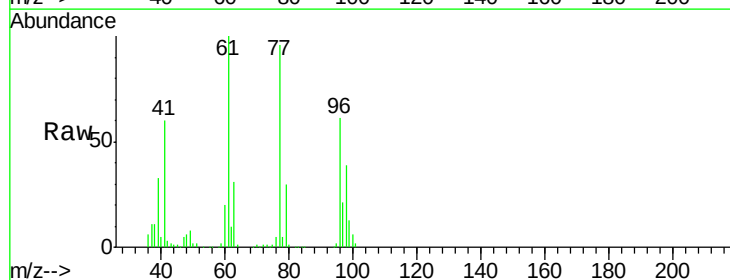
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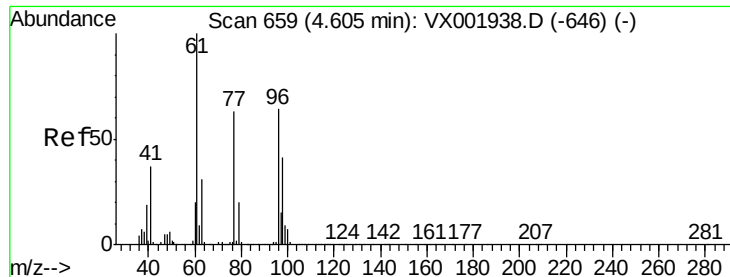
MMDadoda
6/1/2018 6:37:19 PM



#26
2,2-Dichloropropane
Concen: 41.902 ug/l
RT: 4.59 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Lower	Upper
77	100		
97	22.6	11.2	33.5





#27

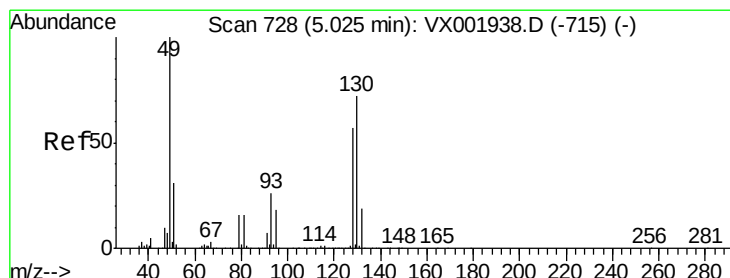
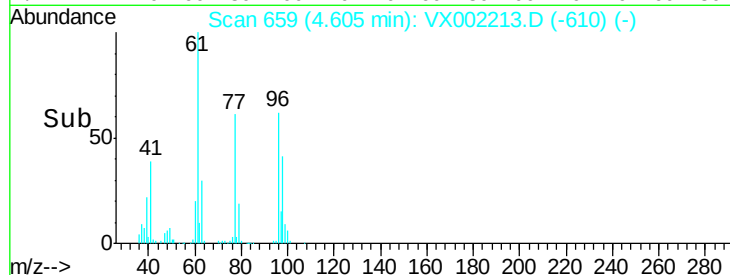
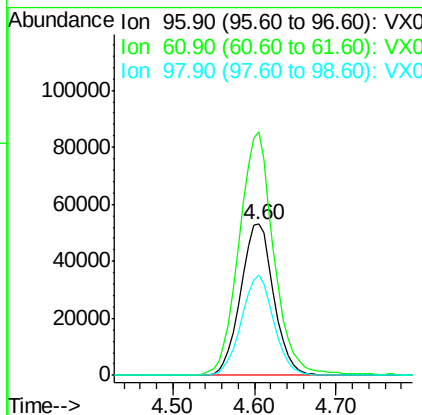
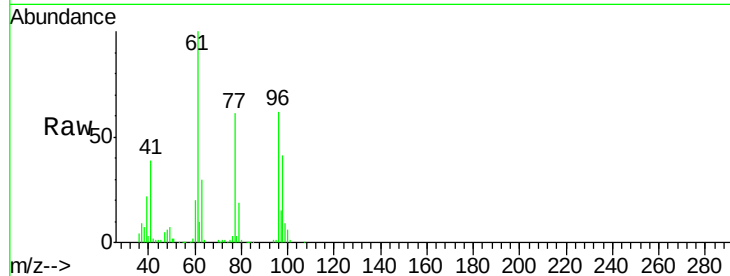
cis-1,2-Dichloroethene
Concen: 45.485 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	169.2	0.0	348.4
98	64.7	0.0	128.6

Manual Integrations
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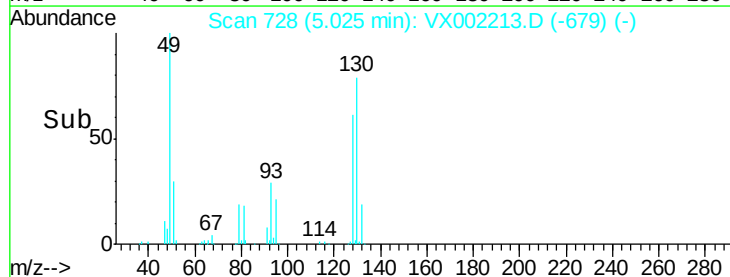
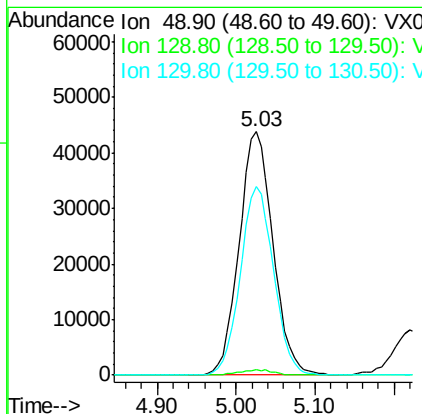
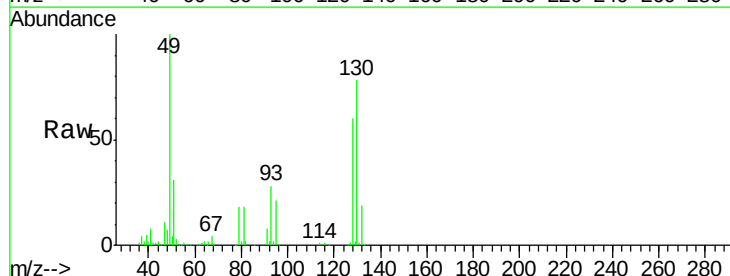
MMDadoda
6/1/2018 6:37:19 PM

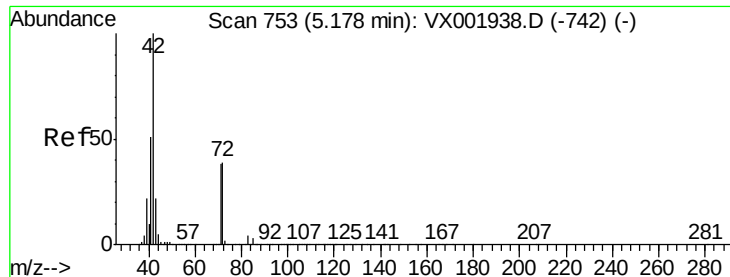


#28

Bromochloromethane
Concen: 61.073 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	76.2	59.4	89.2





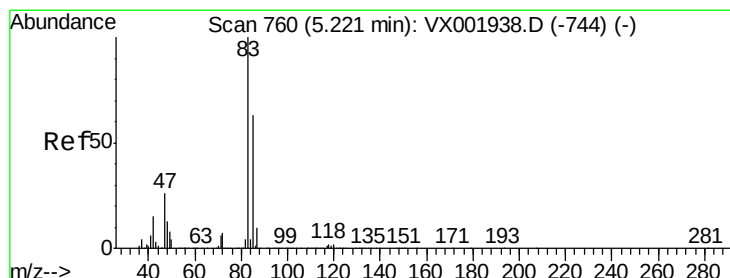
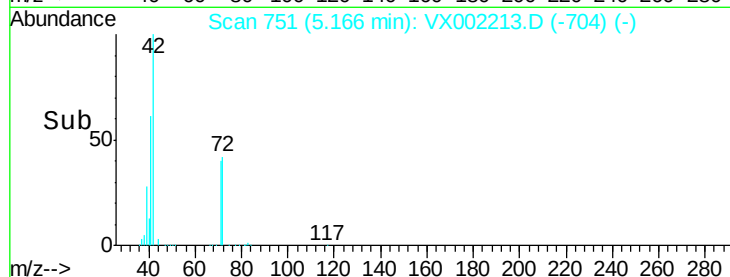
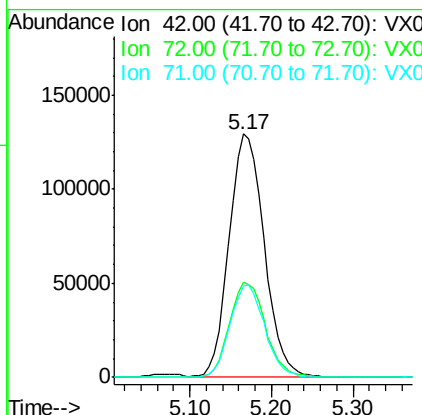
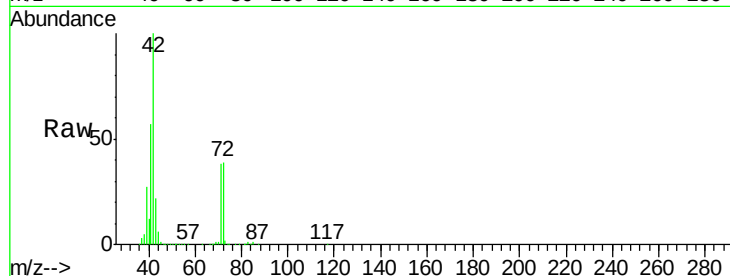
#29
Tetrahydrofuran
Concen: 215.269 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
42	100			
72	40.3		31.4	47.0
71	37.9		29.5	44.3

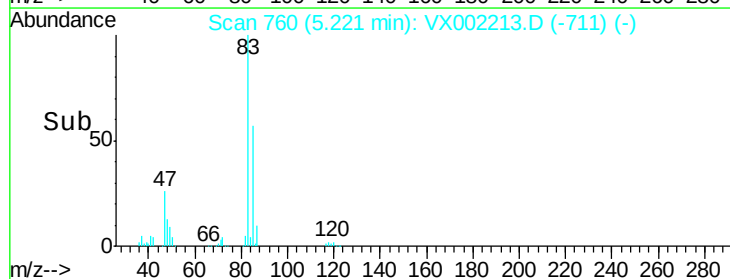
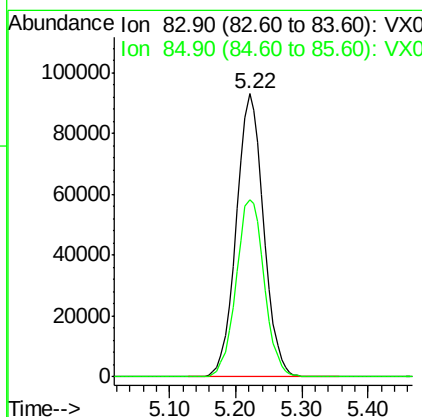
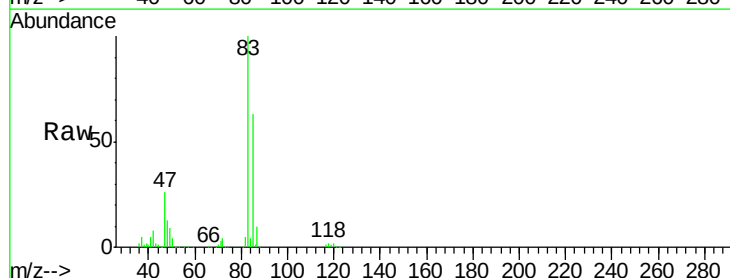
Manual Integrations
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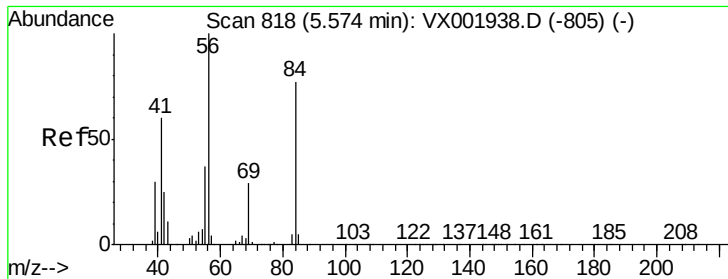
MMDadoda
6/1/2018 6:37:19 PM



#30
Chloroform
Concen: 46.132 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	62.5		50.9	76.3





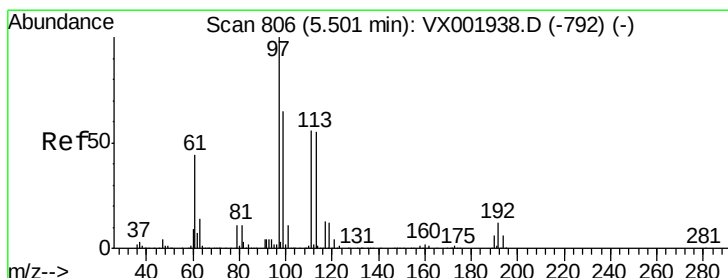
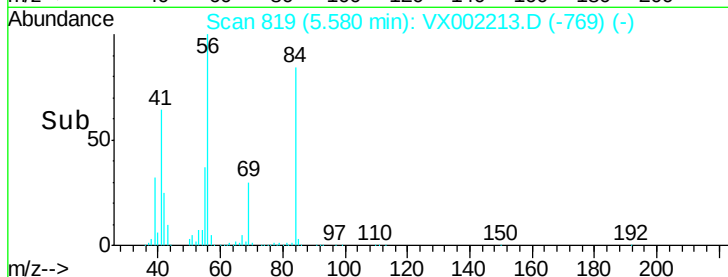
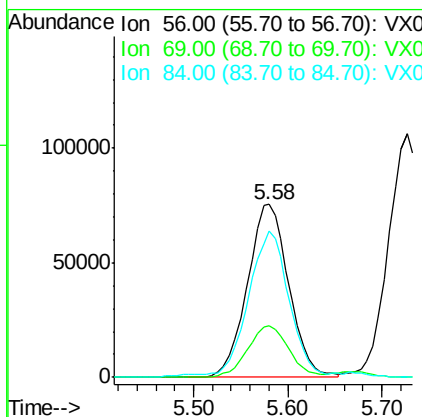
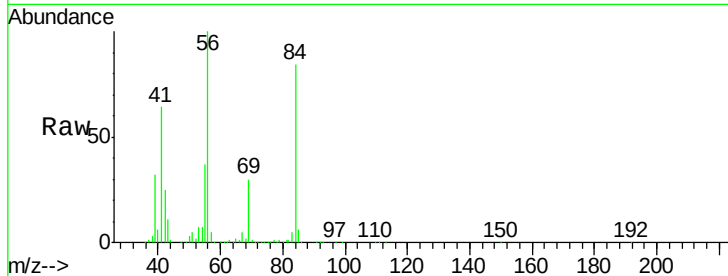
#31
Cyclohexane
Concen: 43.203 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.1	34.7
84	82.7	62.0	93.0

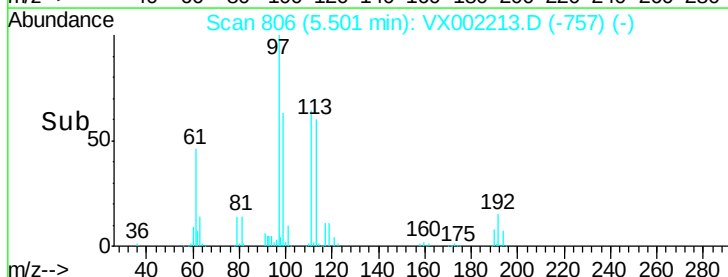
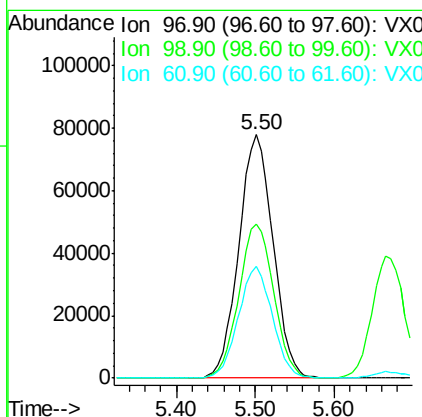
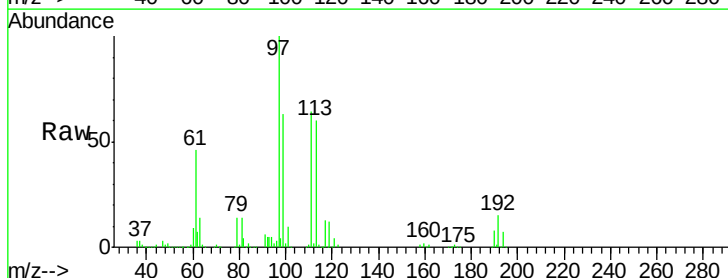
Manual Integrations
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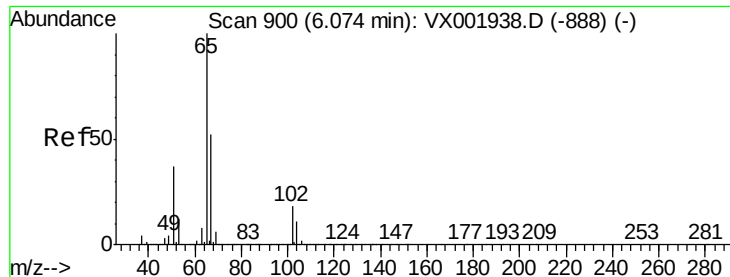
MMDadoda
6/1/2018 6:37:19 PM



#32
1,1,1-Trichloroethane
Concen: 43.737 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.9	77.9
61	45.7	35.9	53.9





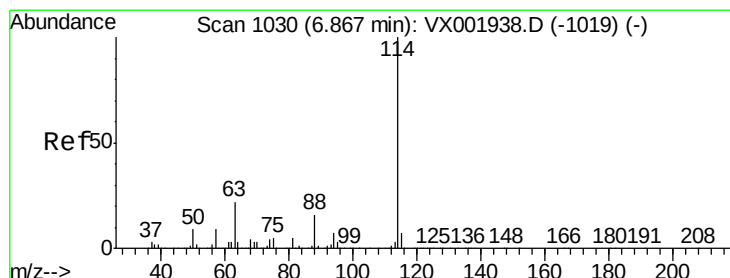
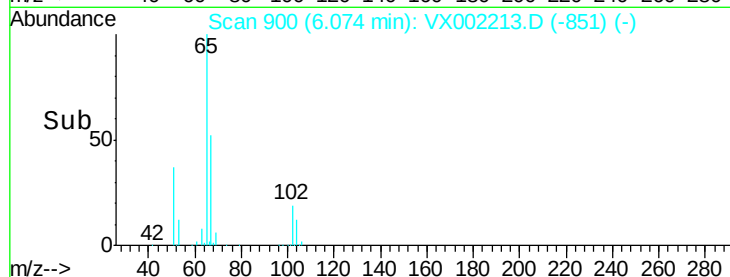
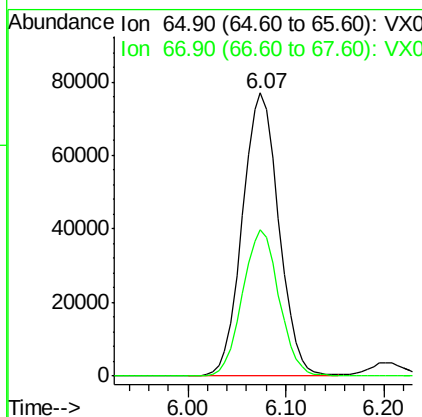
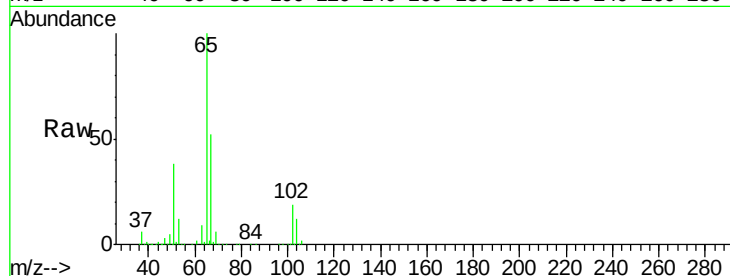
#33
 1,2-Dichloroethane-d4
 Concen: 51.353 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	199015		
67	51.9	0.0	104.0	

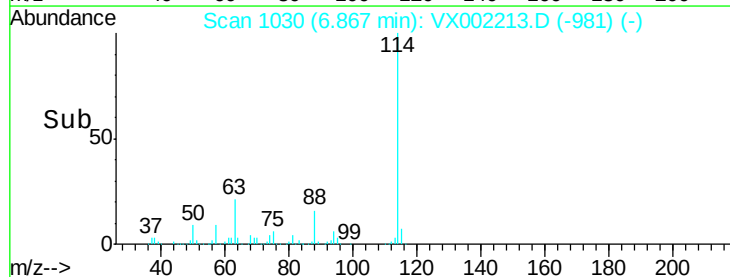
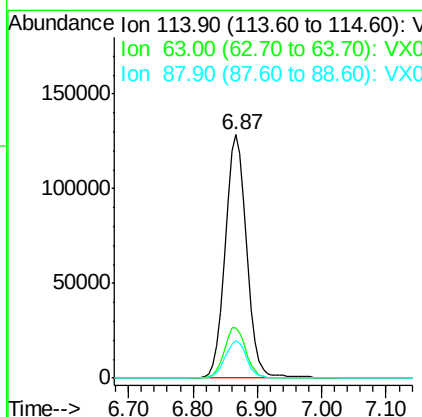
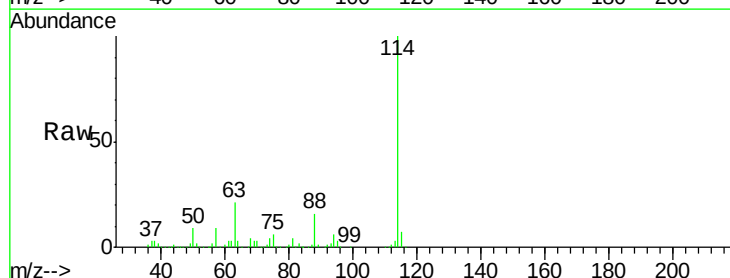
Manual Integrations
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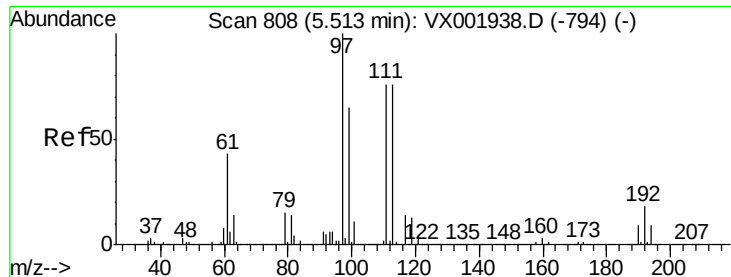
MMDadoda
 6/1/2018 6:37:19 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	303117		
63	20.6	0.0	43.2	
88	15.6	0.0	31.6	





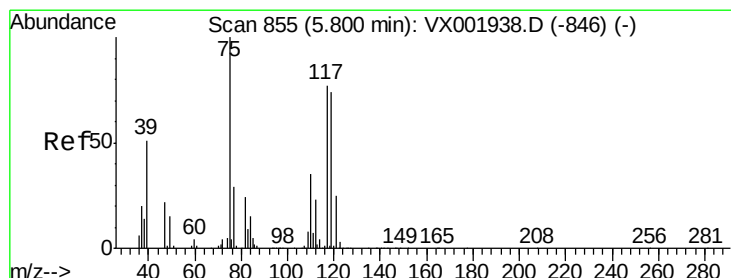
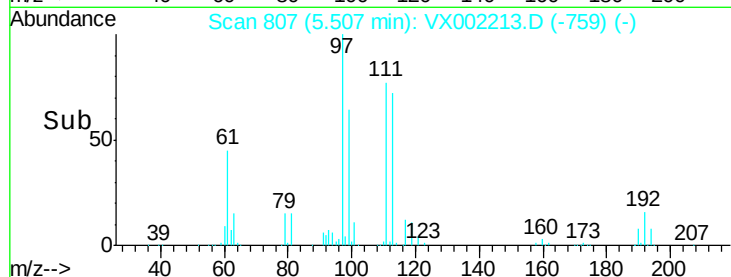
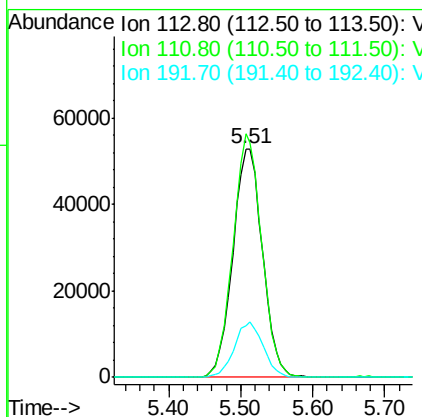
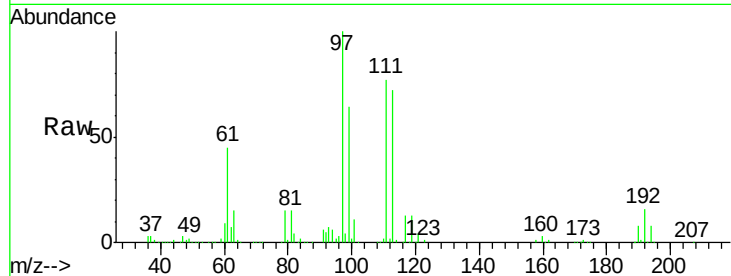
#35
 Dibromofluoromethane
 Concen: 49.817 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	151005		
111	103.0	82.0	123.0	
192	23.6	18.9	28.3	

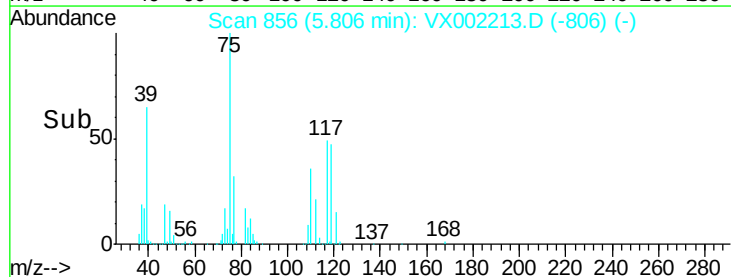
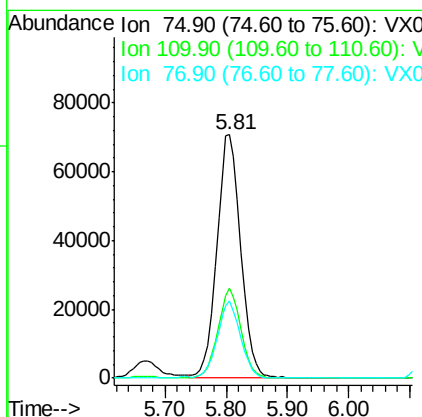
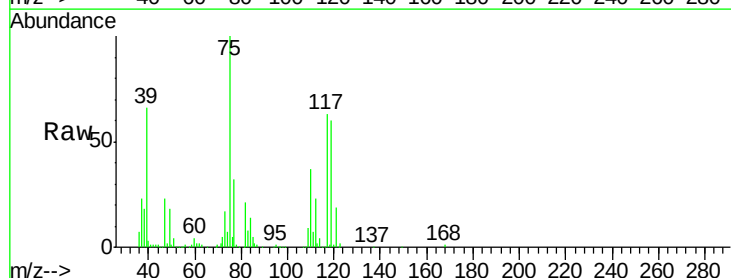
Manual Integrations
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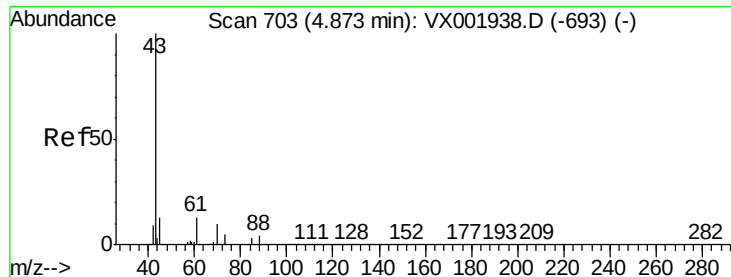
MMDadoda
 6/1/2018 6:37:19 PM



#36
 1,1-Dichloropropene
 Concen: 45.739 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	192848		
110	35.9	17.4	52.2	
77	30.5	24.4	36.6	





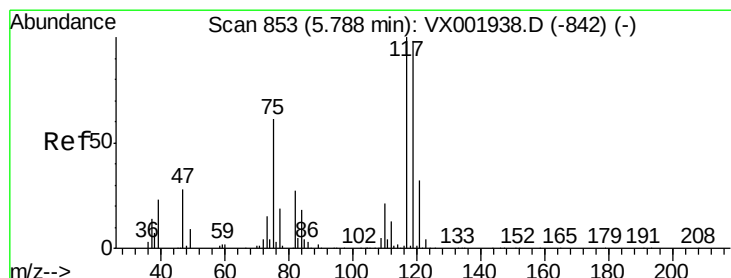
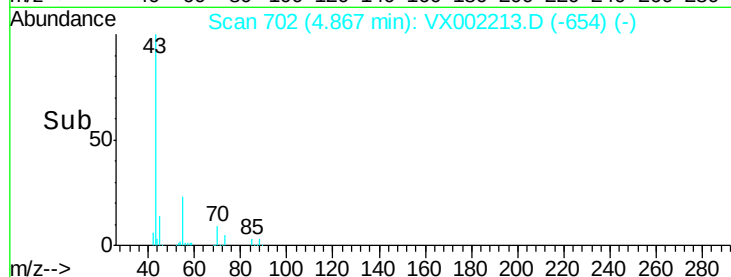
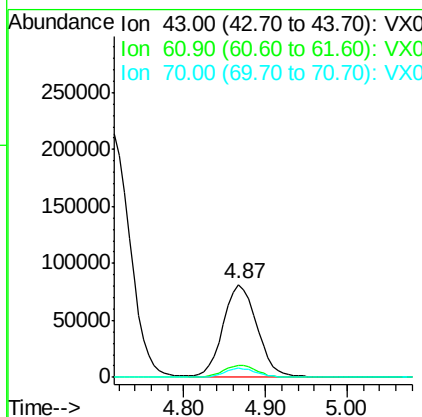
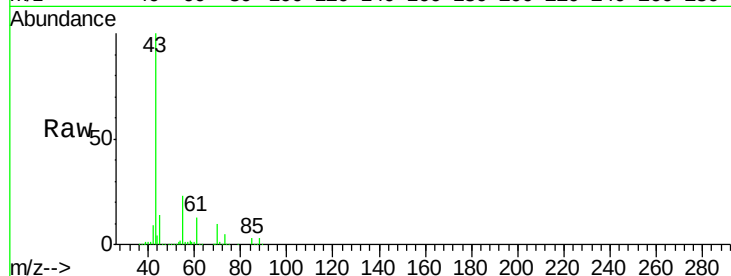
#37
Ethyl Acetate
Concen: 42.397 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.2	15.2
70	9.4	7.8	11.8

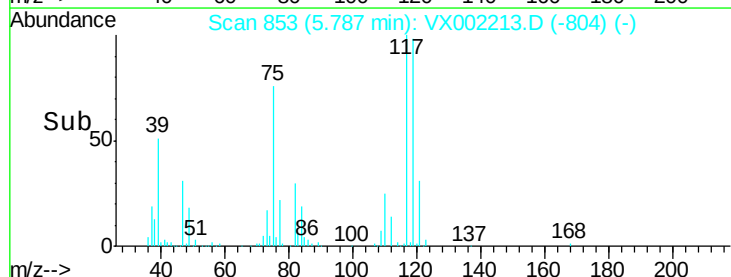
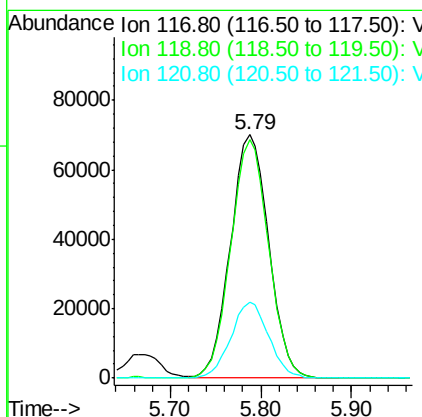
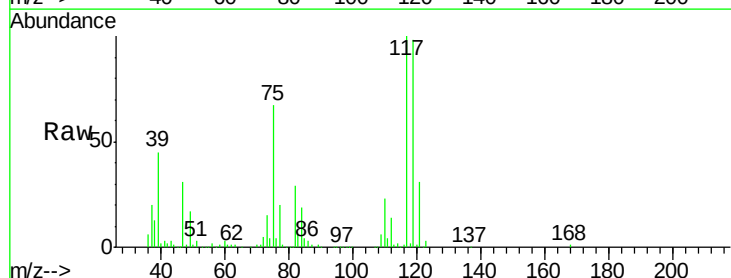
Manual Integrations
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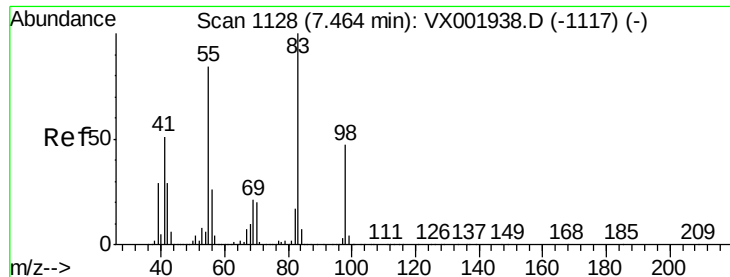
MMDadoda
6/1/2018 6:37:19 PM



#38
Carbon Tetrachloride
Concen: 41.617 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	78.5	117.7
121	31.0	25.5	38.3





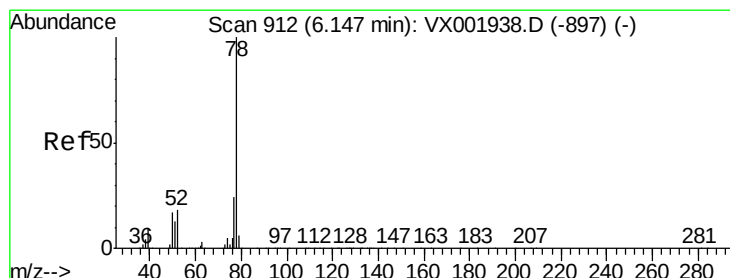
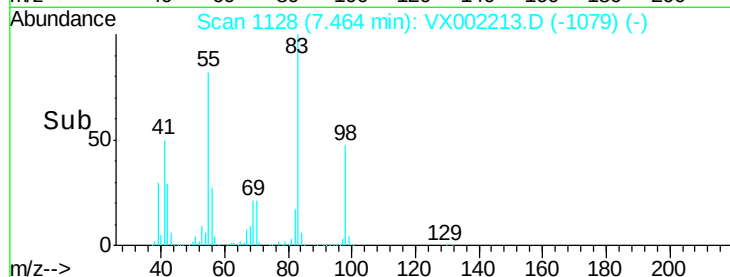
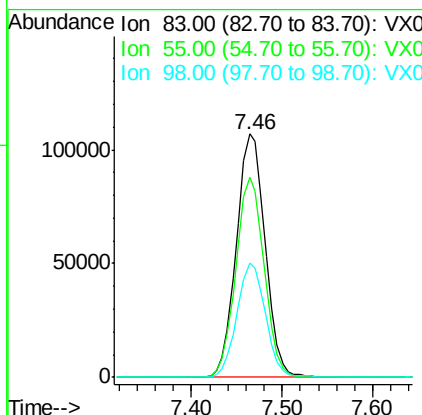
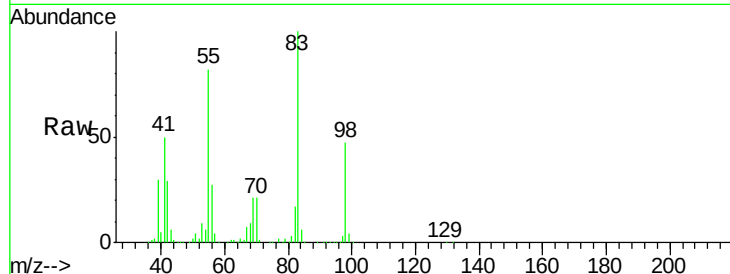
#39
Methylvlcyclohexane
Concen: 45.481 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	81.9	67.3	100.9	
98	46.7	37.5	56.3	

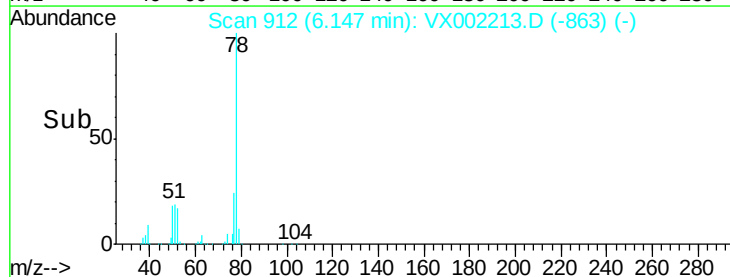
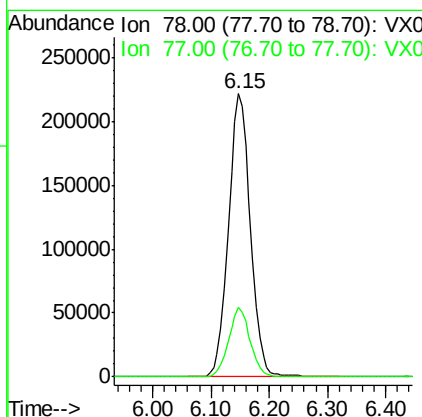
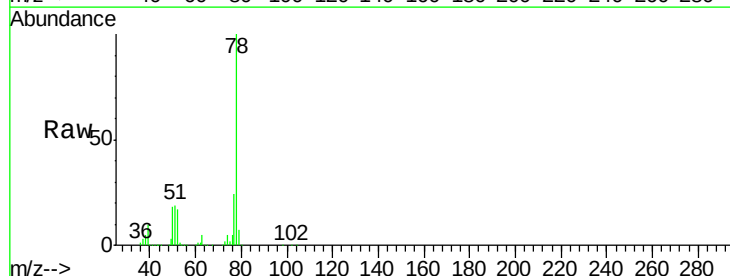
Manual Integrations
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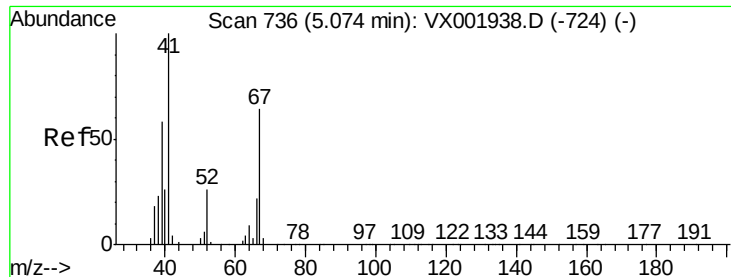
MMDadoda
6/1/2018 6:37:19 PM



#40
Benzene
Concen: 46.850 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.4	19.1	28.7	





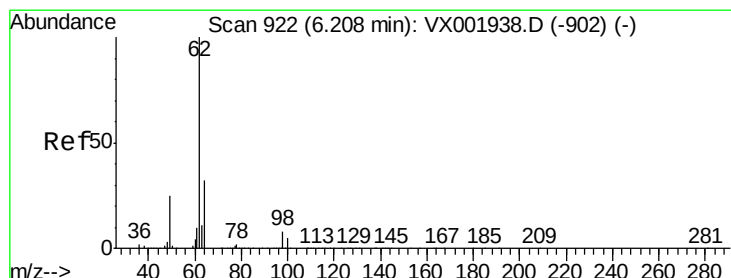
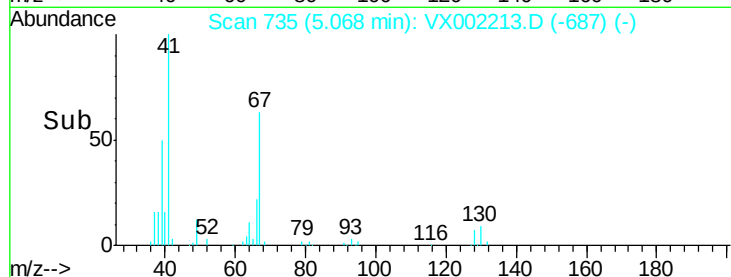
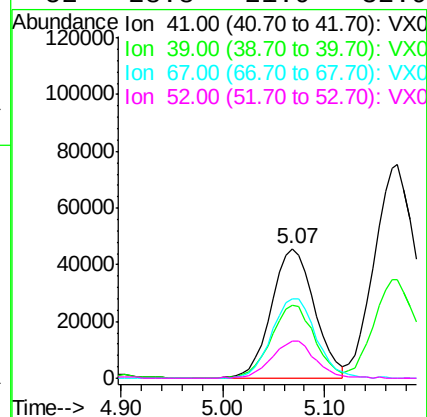
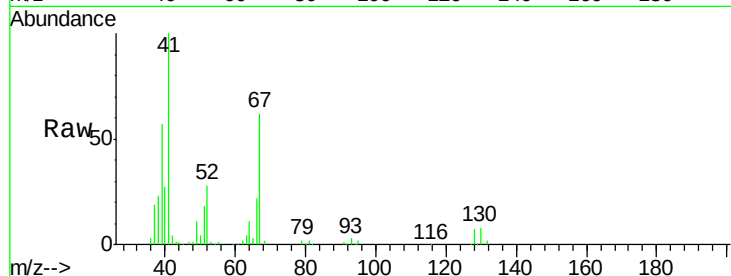
#41
Methacrylonitrile
Concen: 45.760 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.9	46.0	69.0
67	63.8	50.6	75.8
52	28.8	21.9	32.9

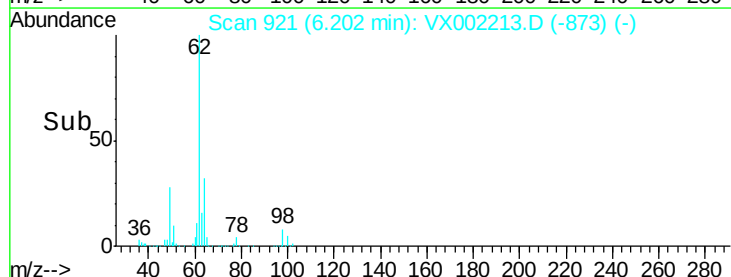
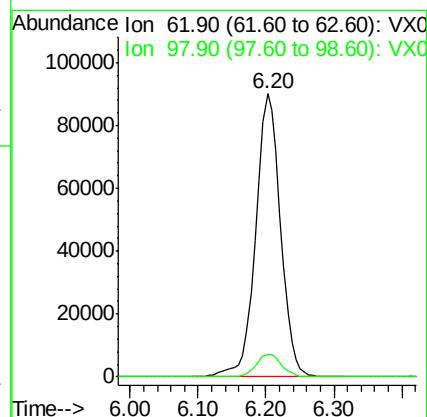
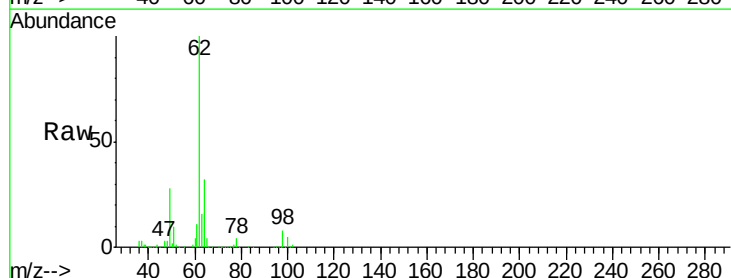
Manual Integrations
APPROVED

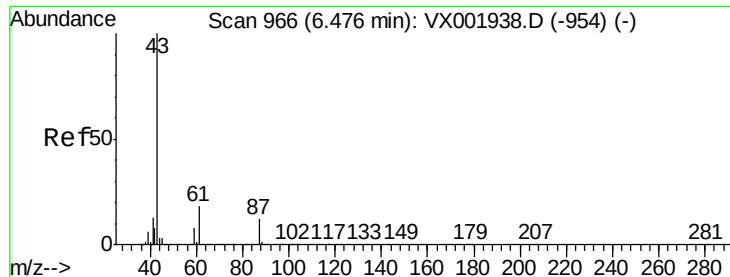
MMDadoda
6/1/2018 6:37:19 PM



#42
1,2-Dichloroethane
Concen: 46.350 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.0





#43

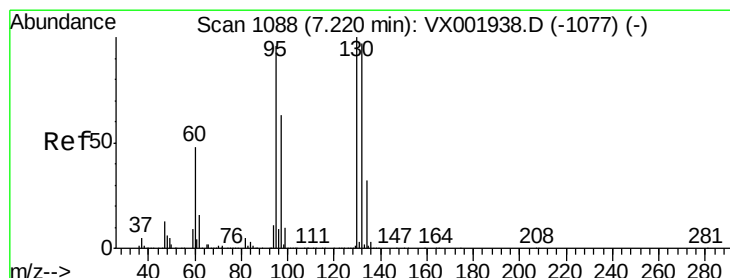
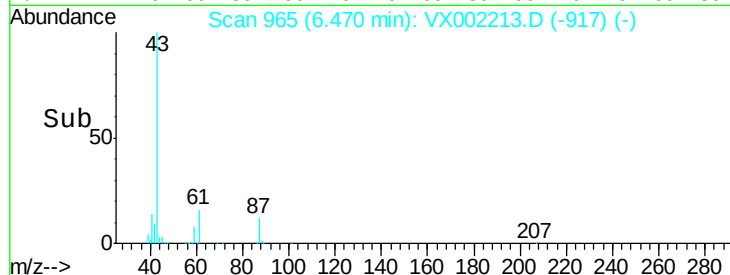
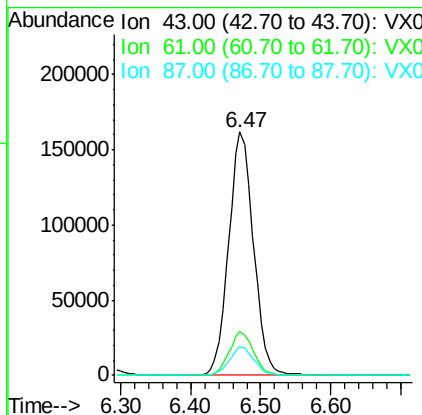
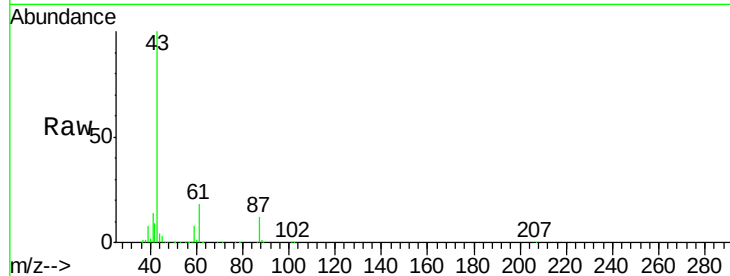
Isopropyl Acetate
 Concen: 43.322 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	396773
Ion Ratio	100	Lower	Upper
43	100		
61	17.7	14.5	21.7
87	11.8	9.5	14.3

Manual Integrations
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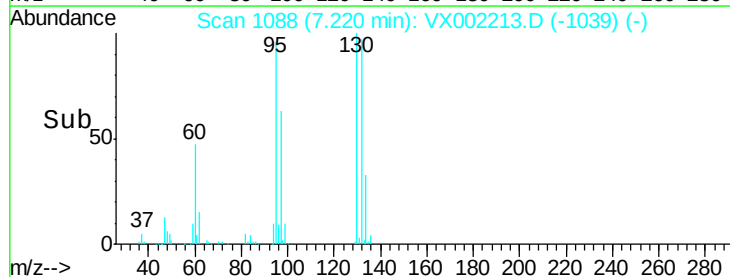
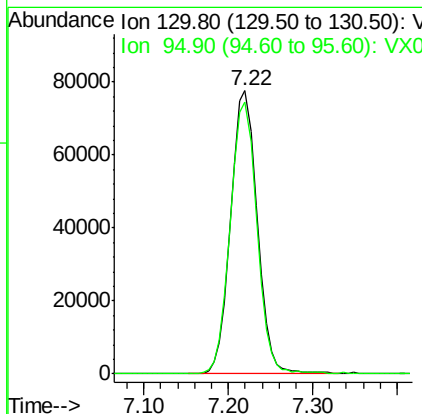
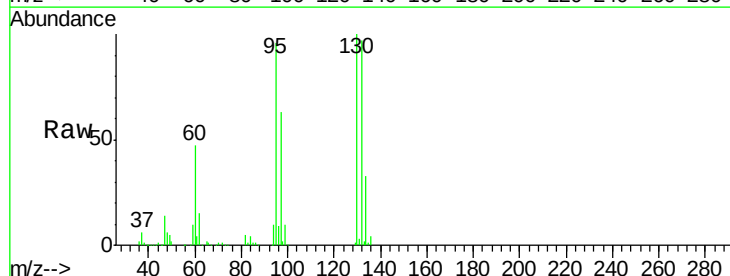
MMDadoda
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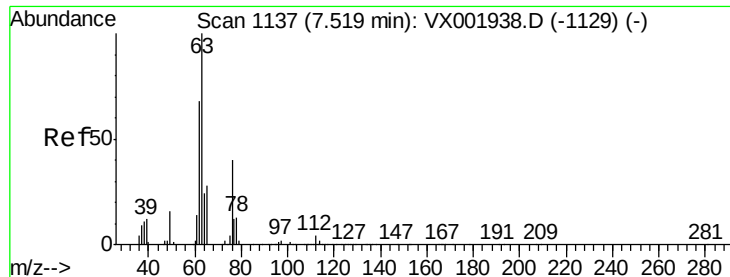


#44

Trichloroethene
 Concen: 45.895 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Tgt Ion	130	Resp	165199
Ion Ratio	100	Lower	Upper
130	100		
95	96.0	0.0	192.0





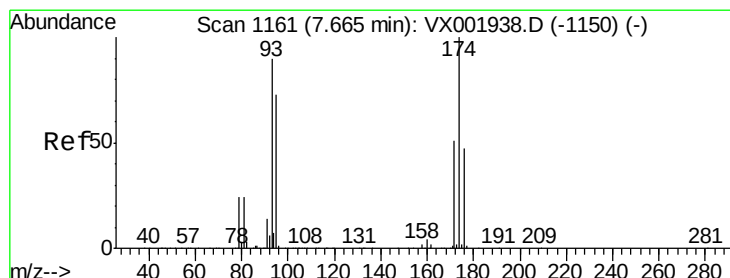
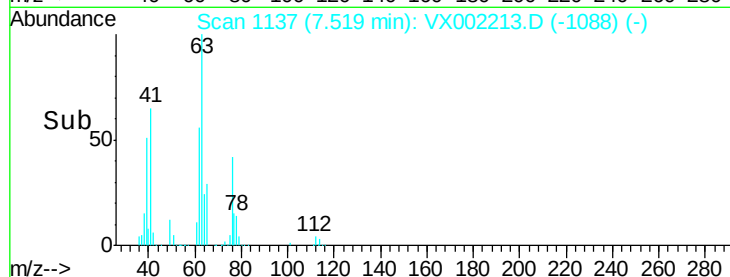
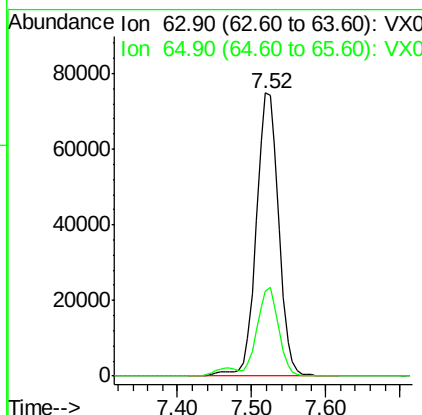
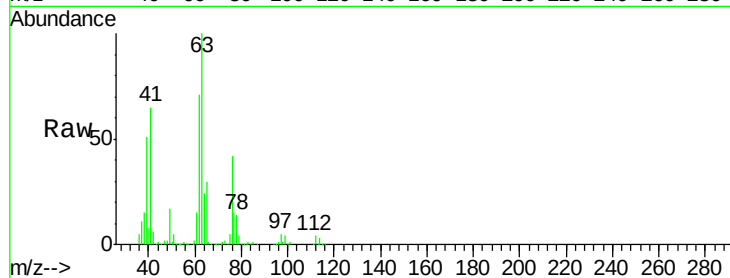
#45
 1,2-Dichloropropane
 Concen: 47.311 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	24.1	36.1

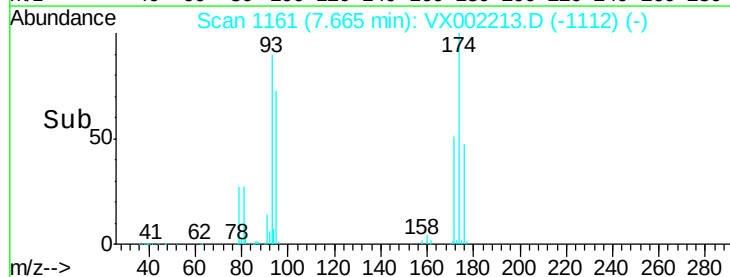
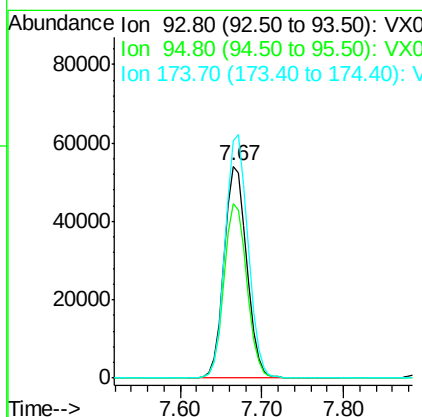
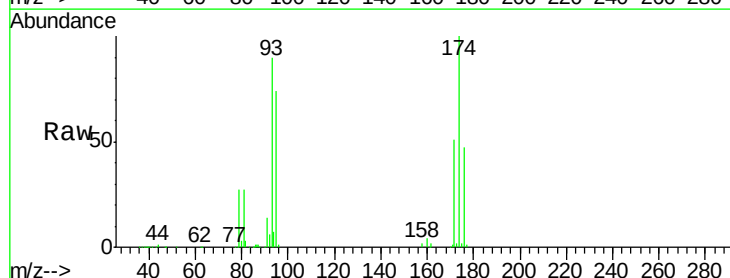
Manual Integrations
 APPROVED

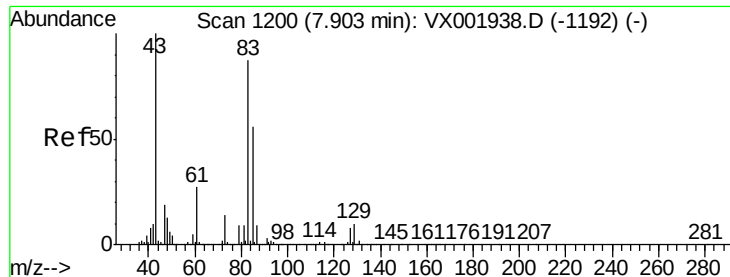
MMDadoda
 6/1/2018 6:37:19 PM



#46
 Dibromomethane
 Concen: 46.601 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	66.1	99.1
174	114.9	92.5	138.7





#47

Bromodichloromethane

Concen: 41.101 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

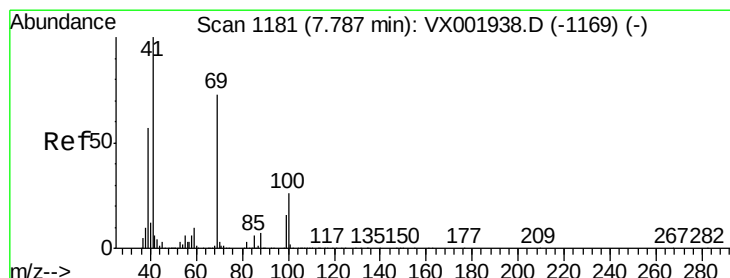
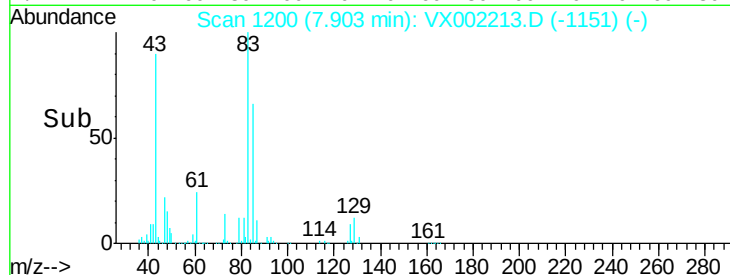
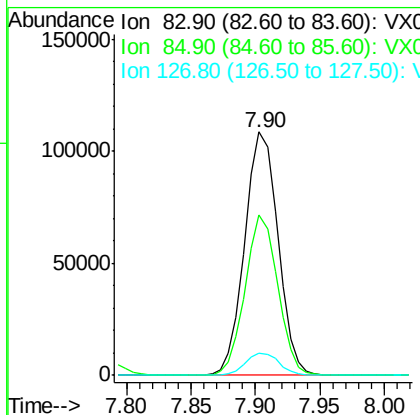
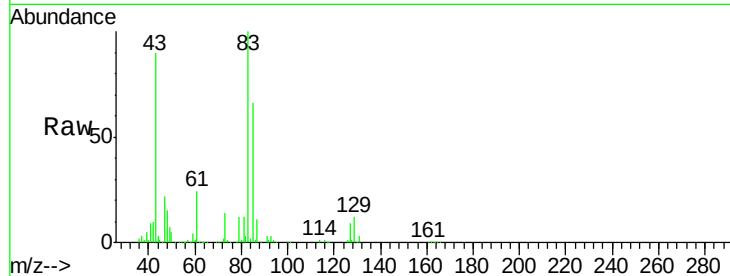
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	194636
Ion Ratio	Lower	Upper	
83	100		
85	65.5	51.4	77.2
127	9.2	7.1	10.7

Manual Integrations
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6/1/2018 6:37:19 PM



#48

Methyl methacrylate

Concen: 44.038 ug/l

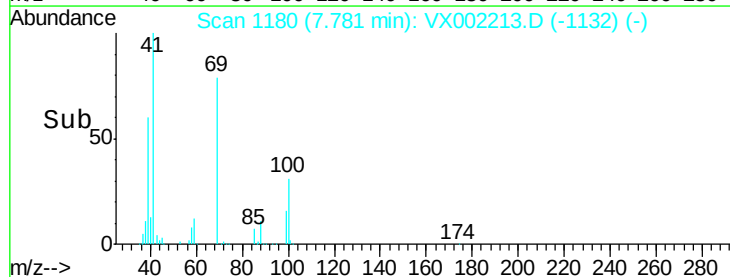
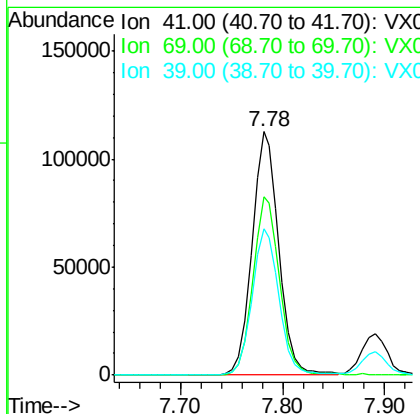
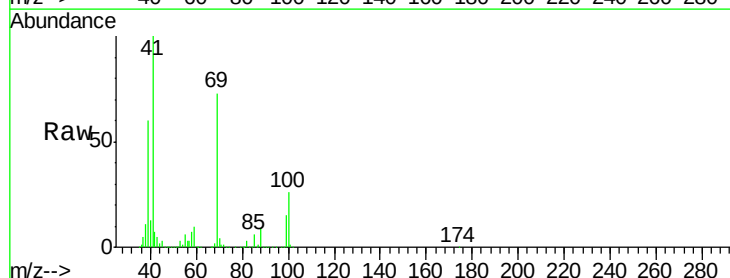
RT: 7.78 min Scan# 1180

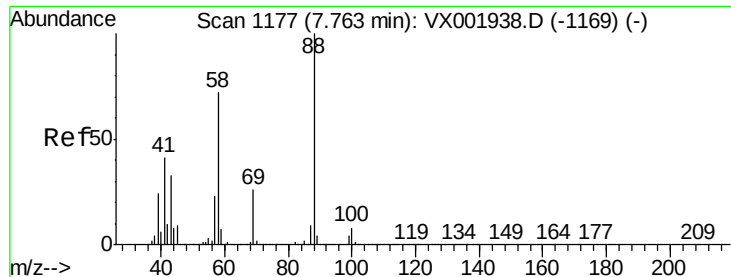
Delta R.T. -0.01 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Tgt Ion:	41	Resp:	205278
Ion Ratio	Lower	Upper	
41	100		
69	73.6	58.6	87.8
39	60.5	46.3	69.5





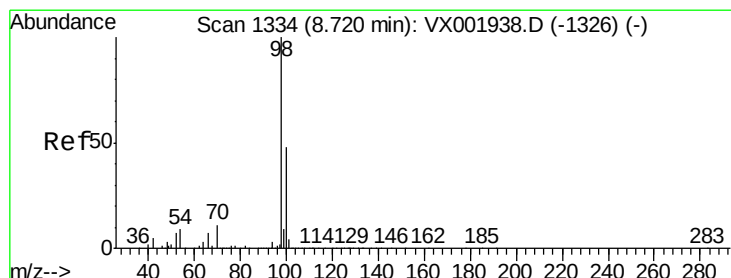
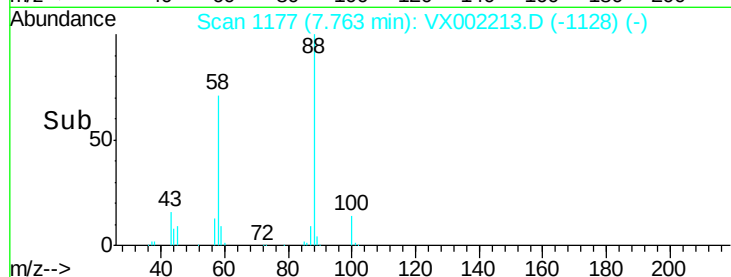
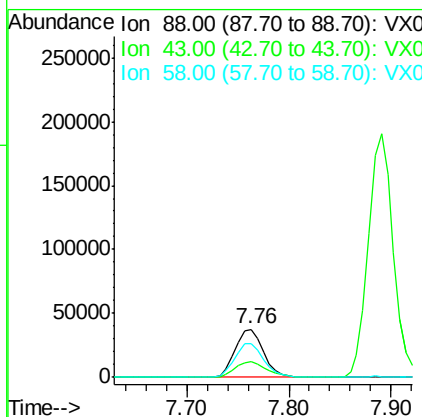
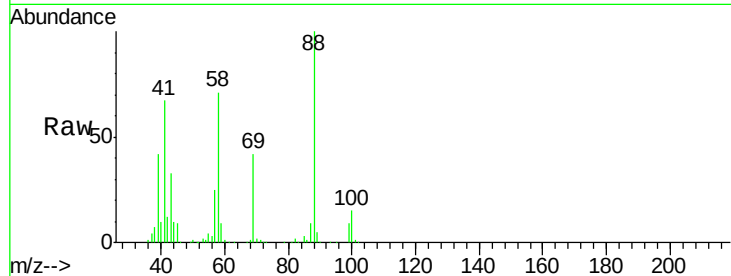
#49
1,4-Dioxane
Concen: 875.898 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.5	29.8	44.8
58	72.7	58.7	88.1

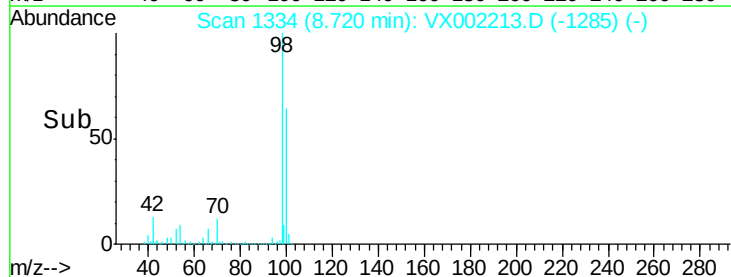
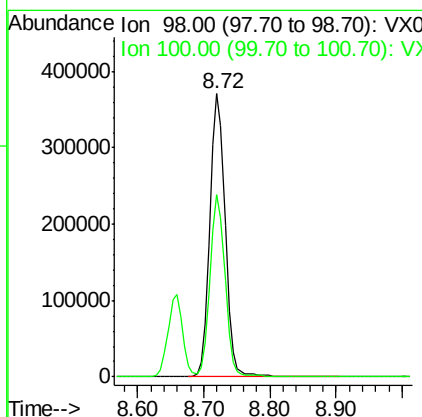
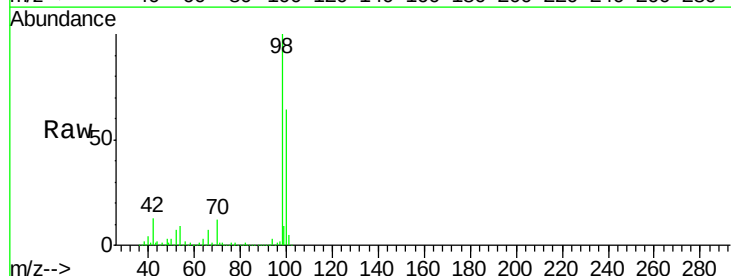
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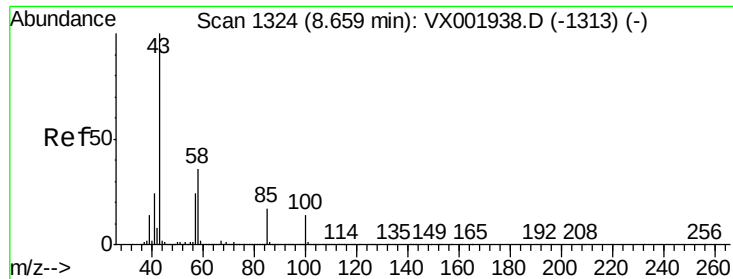
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#50
Toluene-d8
Concen: 54.249 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.5	77.3





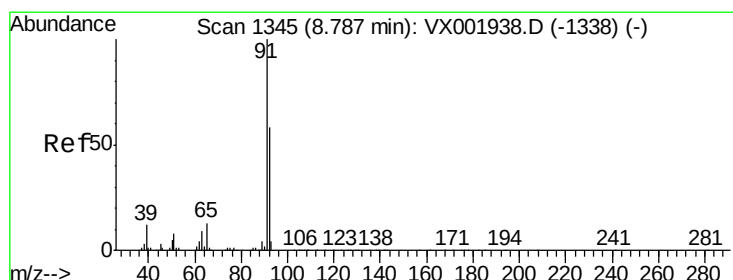
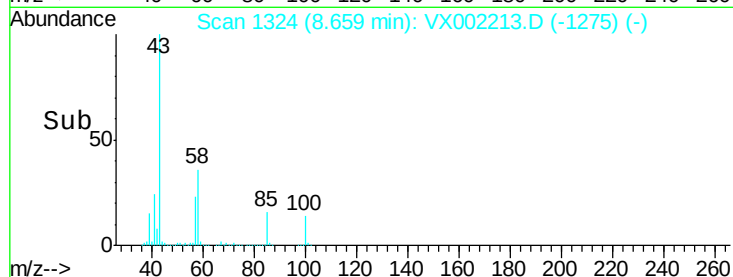
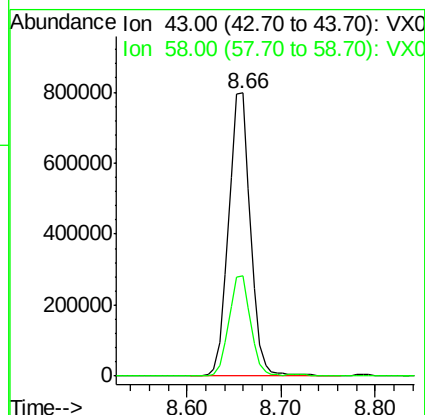
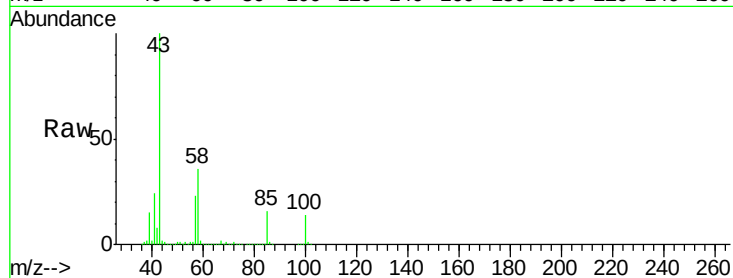
#51
4-Methyl-2-Pentanone
Concen: 232.807 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1285339
Ion Ratio Lower Upper
43 100
58 35.1 28.5 42.7

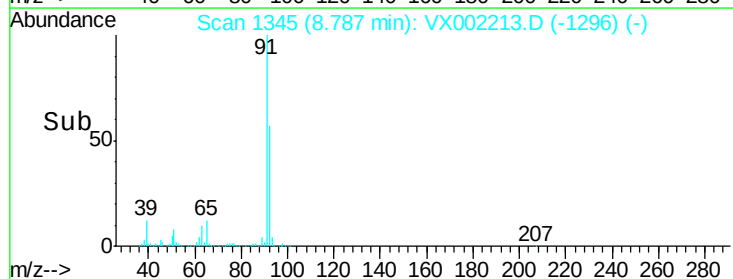
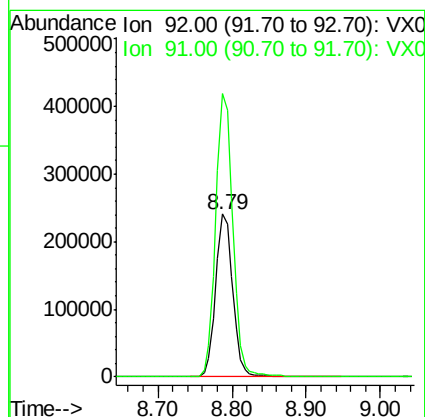
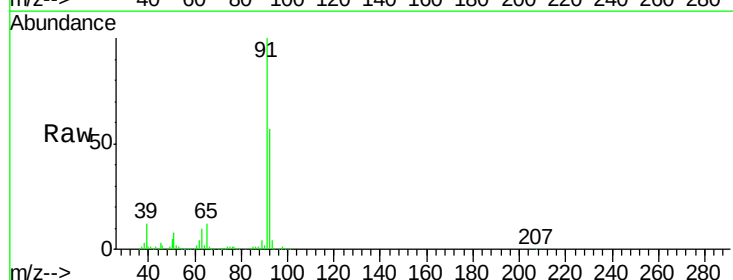
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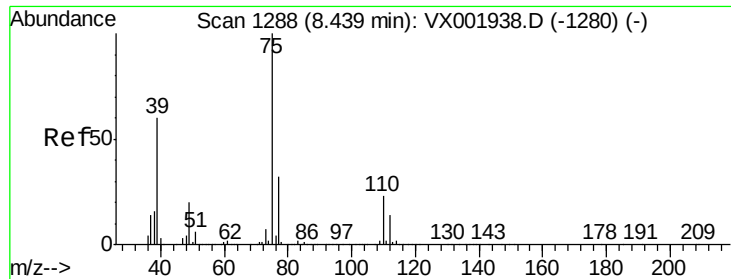
MMDadoda
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#52
Toluene
Concen: 48.435 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion: 92 Resp: 380745
Ion Ratio Lower Upper
92 100
91 174.8 139.4 209.2





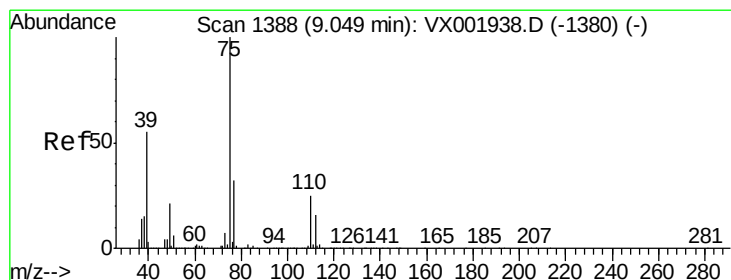
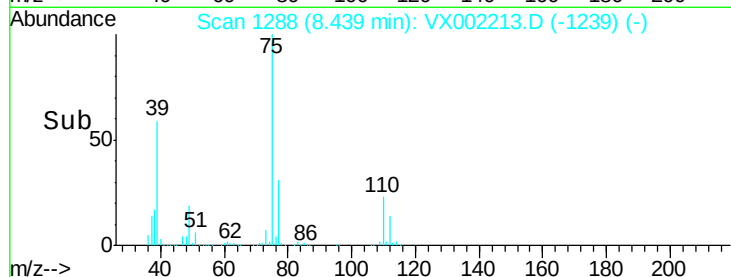
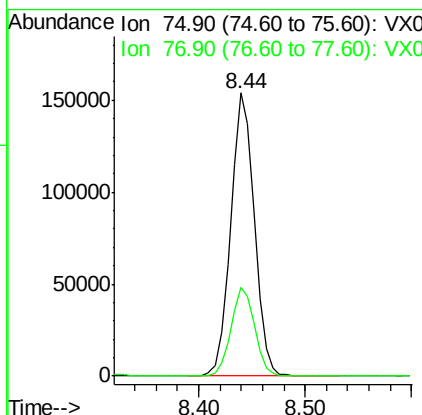
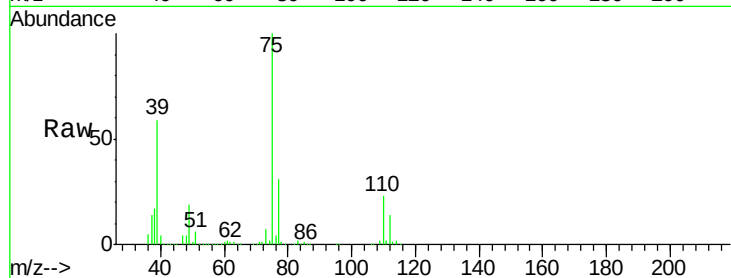
#53
t-1,3-Dichloropropene
Concen: 43.892 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.5	38.3

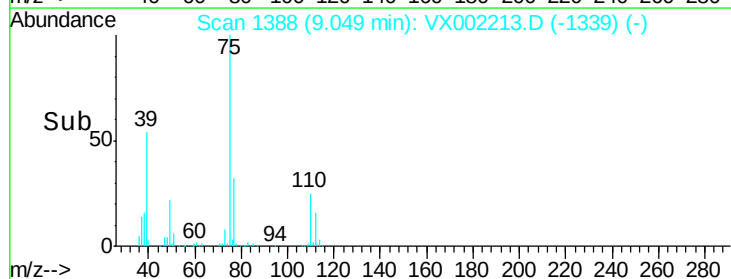
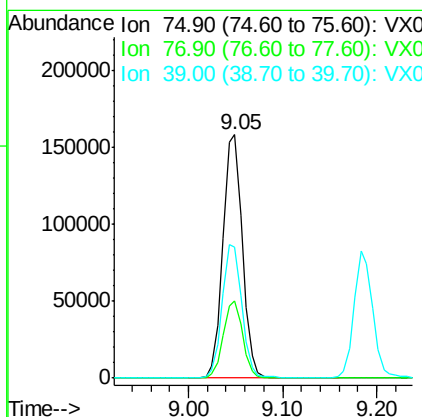
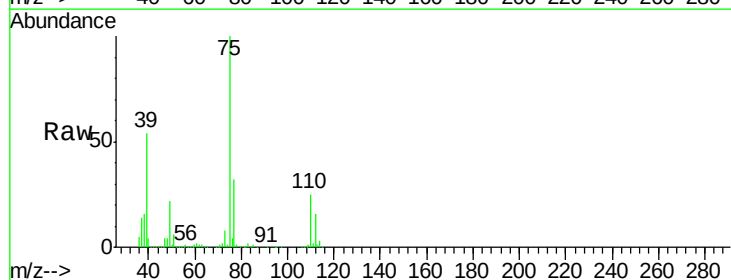
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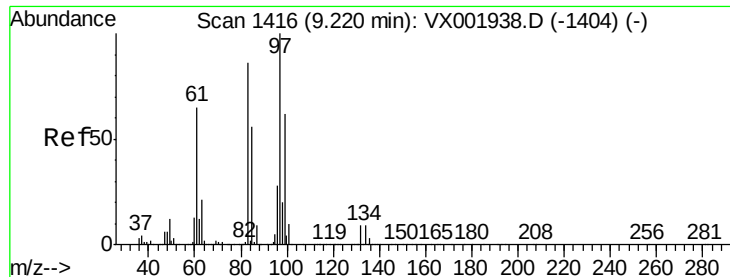
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#54
cis-1,3-Dichloropropene
Concen: 42.702 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.0
39	53.9	44.1	66.1





#55

1,1,2-Trichloroethane

Concen: 47.700 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

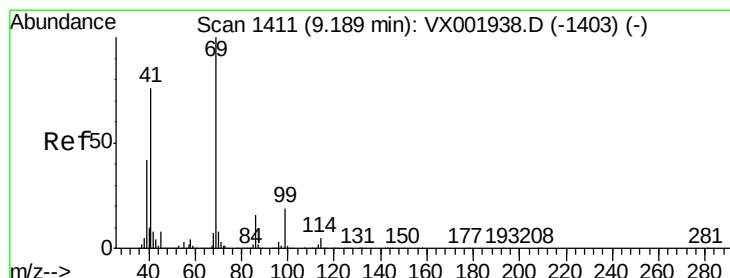
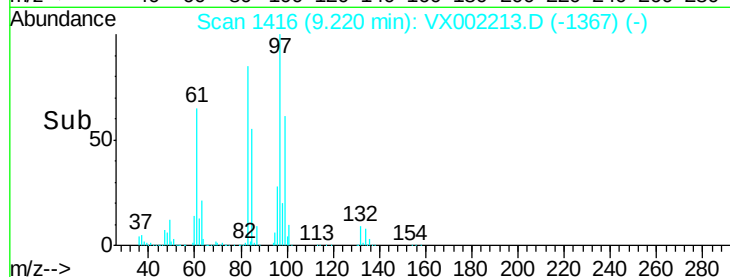
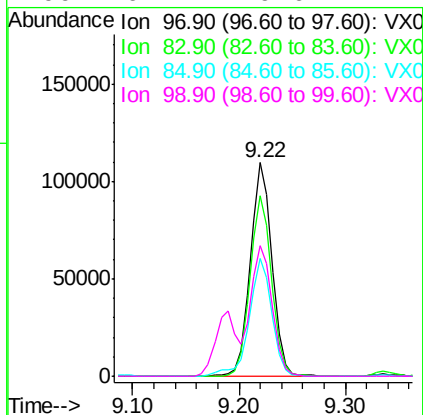
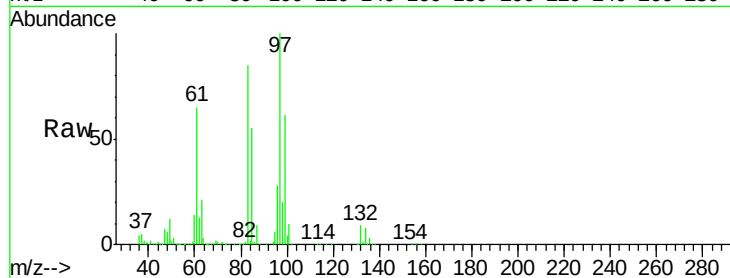
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	156643
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.1	103.7
85	55.1	45.2	67.8
99	61.1	49.6	74.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 44.026 ug/l

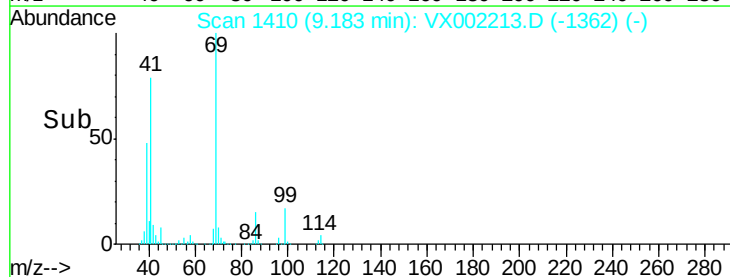
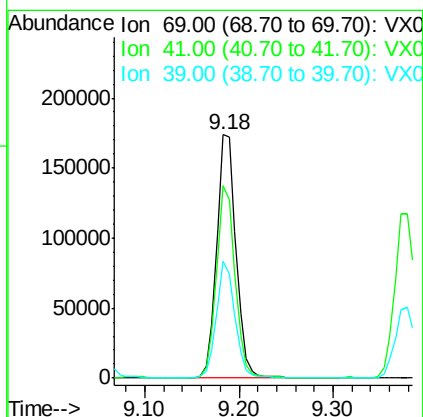
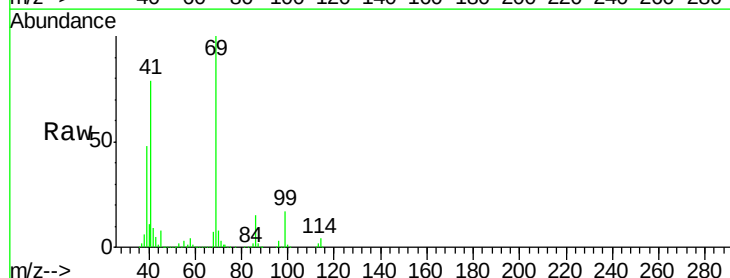
RT: 9.18 min Scan# 1410

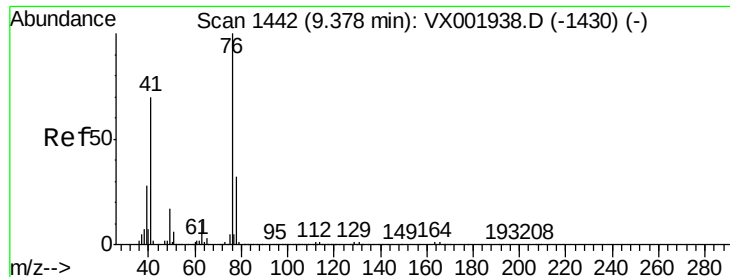
Delta R.T. -0.01 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Tgt Ion:	69	Resp:	248681
Ion	Ratio	Lower	Upper
69	100		
41	75.9	61.0	91.6
39	45.4	34.4	51.6





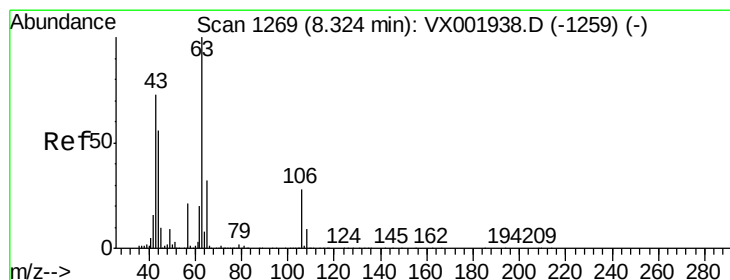
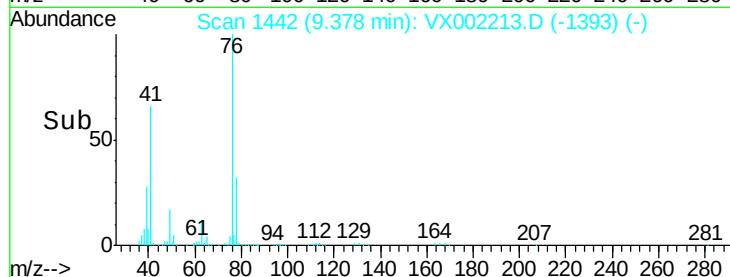
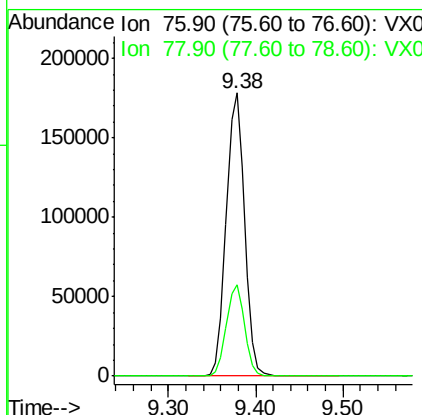
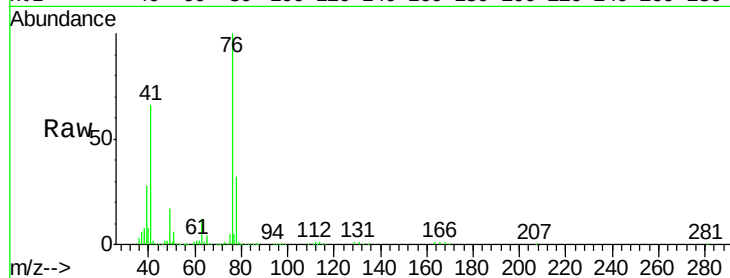
#57
 1,3-Dichloropropane
 Concen: 47.810 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.6	38.4

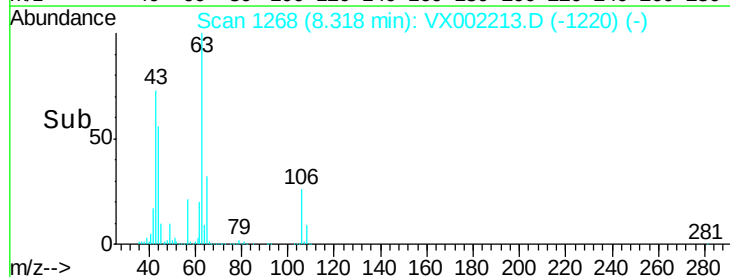
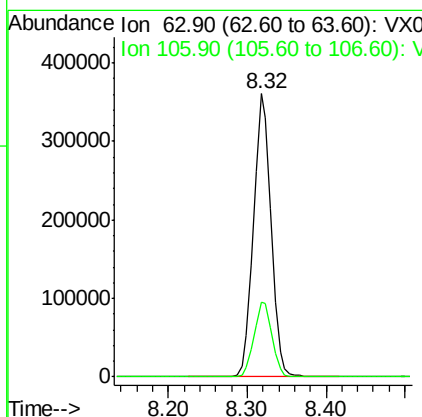
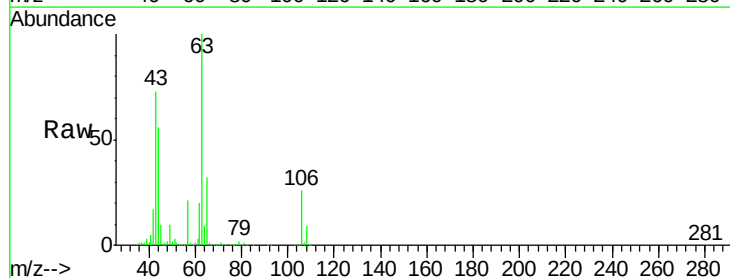
Manual Integrations
 APPROVED

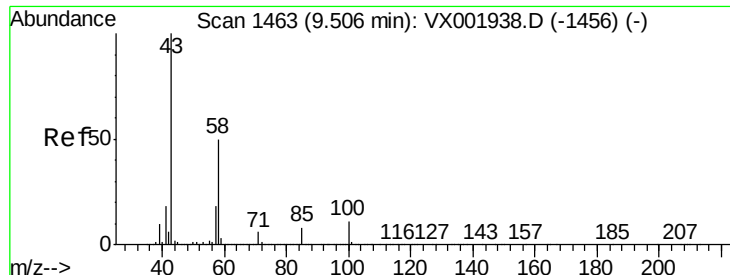
MMDadoda
 6/1/2018 6:37:19 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 223.910 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.1	21.7	32.5





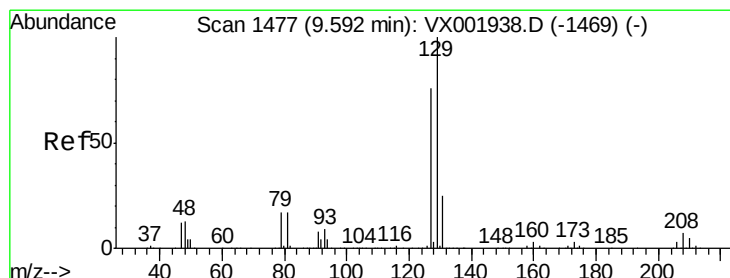
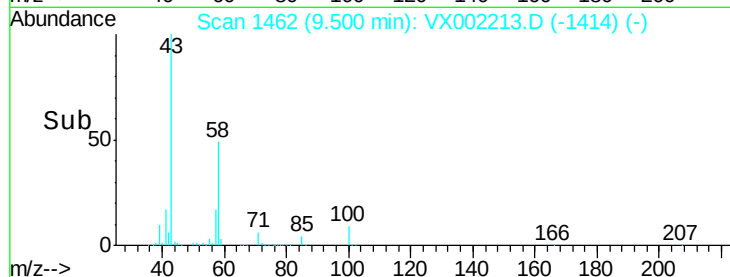
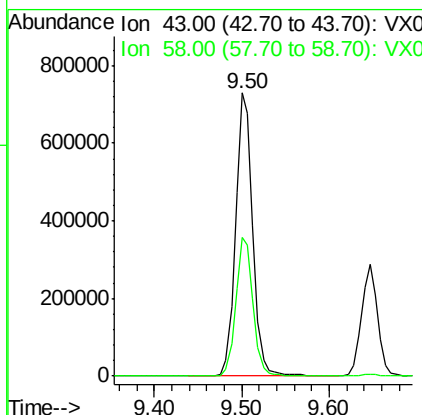
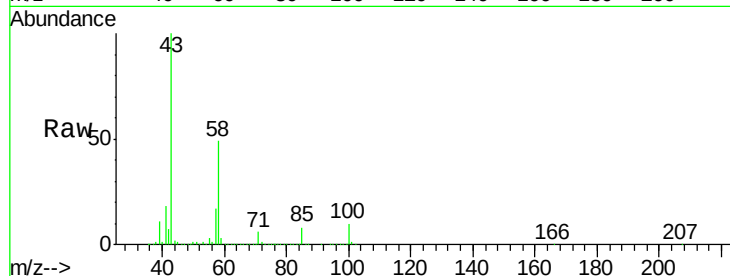
#59
2-Hexanone
Concen: 234.081 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.6	24.9	74.6

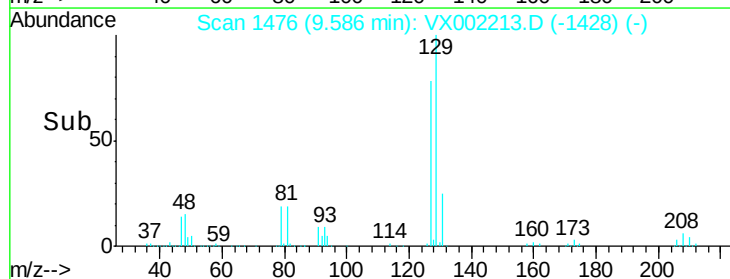
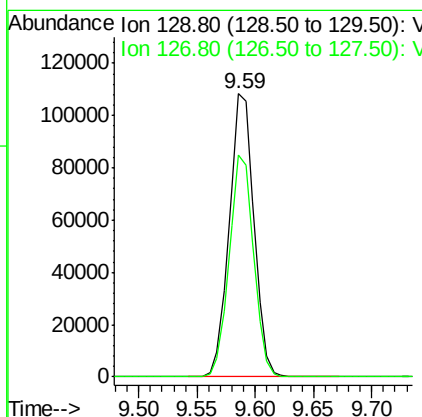
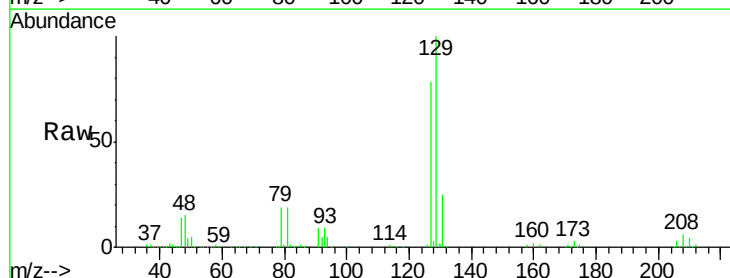
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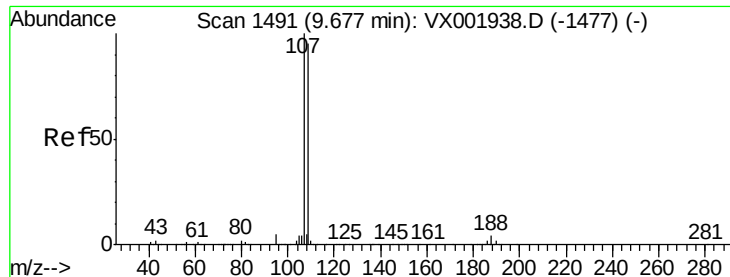
MMDadoda
6/1/2018 6:37:19 PM



#60
Dibromochloromethane
Concen: 41.156 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.3	114.9





#61

1,2-Dibromoethane

Concen: 47.826 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 164801

Ion Ratio Lower Upper

107 100

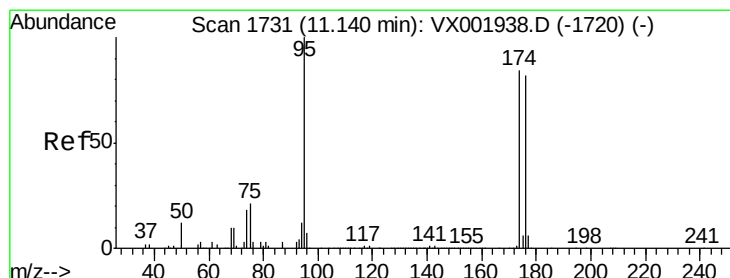
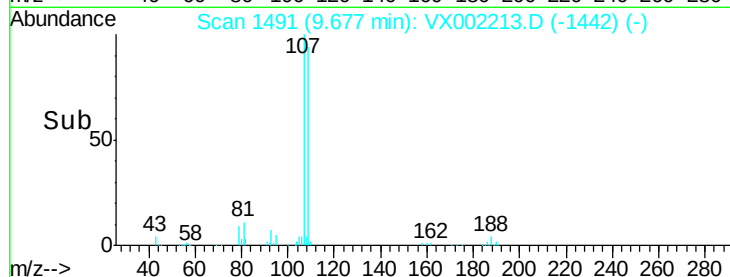
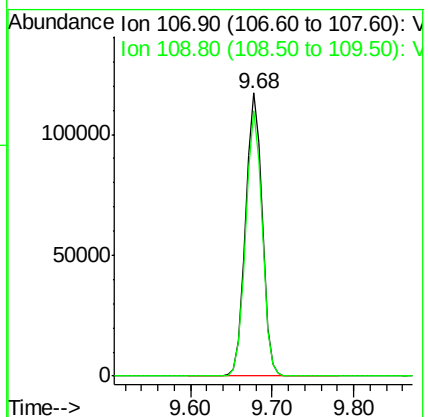
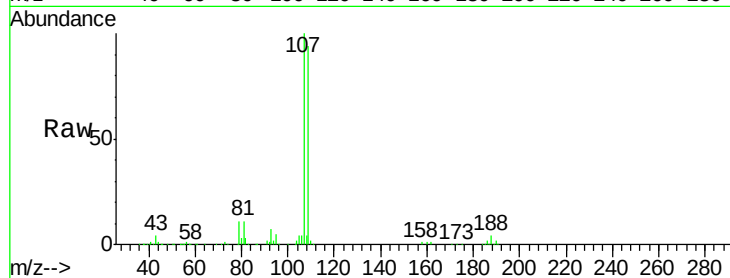
109 93.4 75.3 112.9

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#62

4-Bromofluorobenzene

Concen: 53.146 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

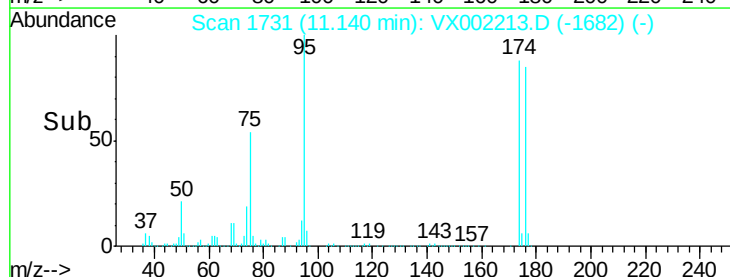
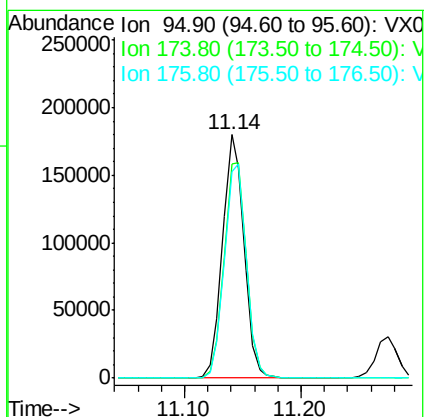
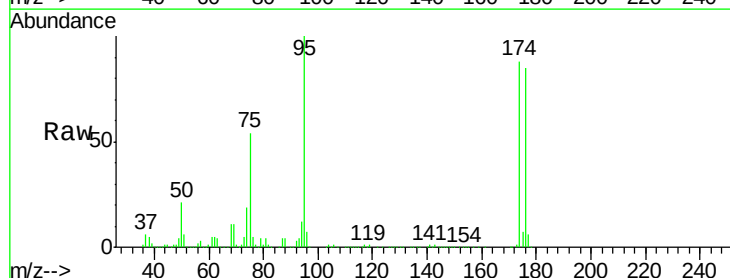
Tgt Ion: 95 Resp: 228189

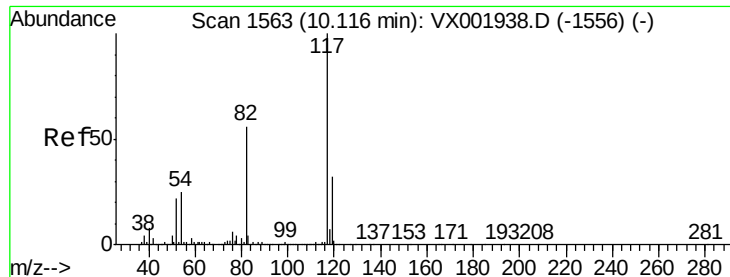
Ion Ratio Lower Upper

95 100

174 92.7 0.0 178.8

176 90.8 0.0 175.6





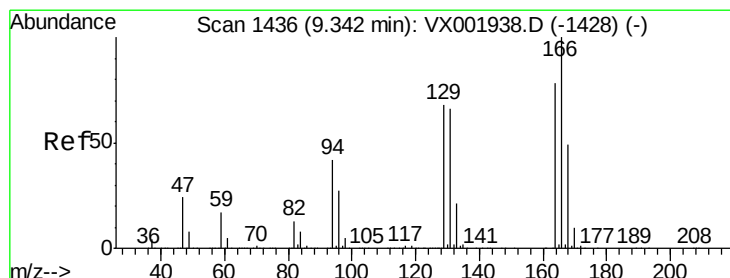
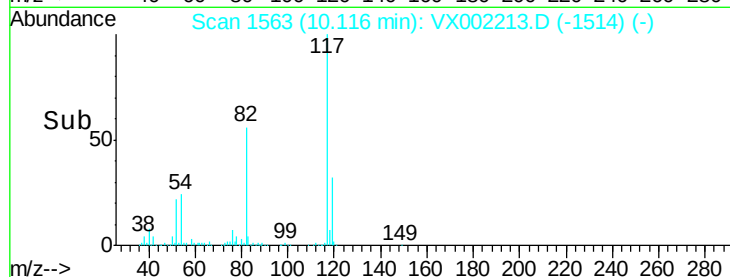
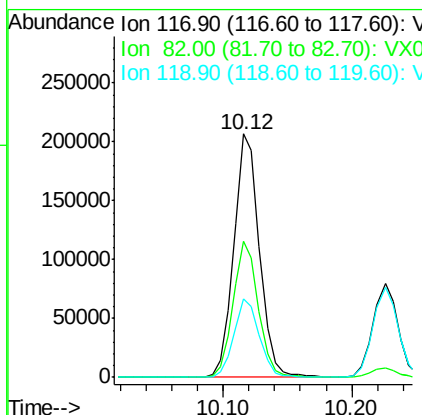
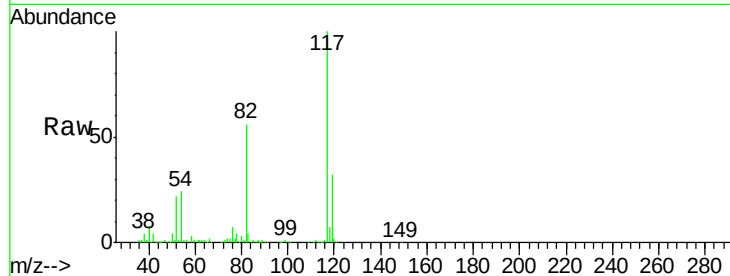
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.8	67.2
119	32.2	25.5	38.3

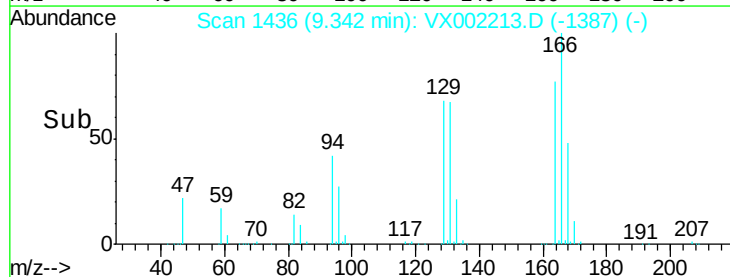
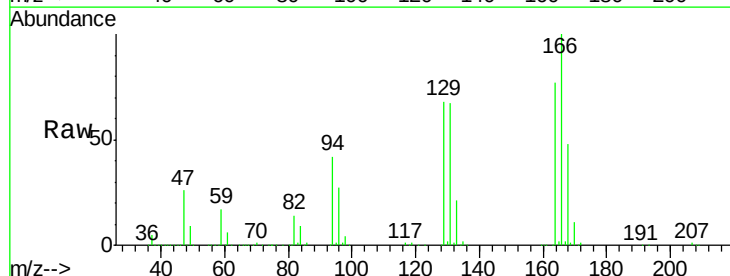
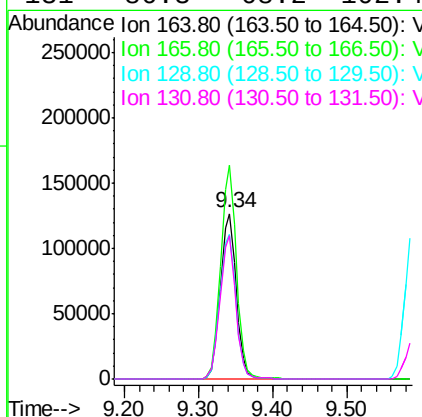
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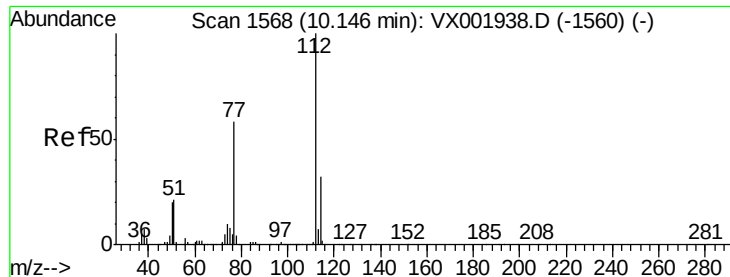
MMDadoda
6/1/2018 6:37:19 PM



#64
Tetrachloroethene
Concen: 45.460 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.1	102.7	154.1
129	87.3	70.3	105.5
131	86.3	68.2	102.4





#65

Chlorobenzene

Concen: 47.720 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 433150

Ion Ratio Lower Upper

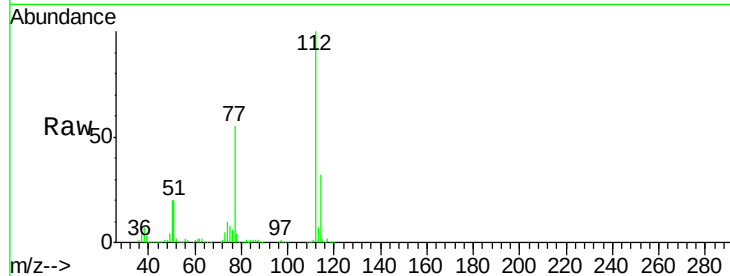
112 100

114 32.3 25.9 38.9

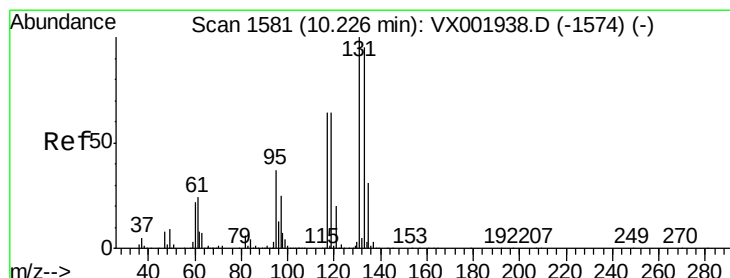
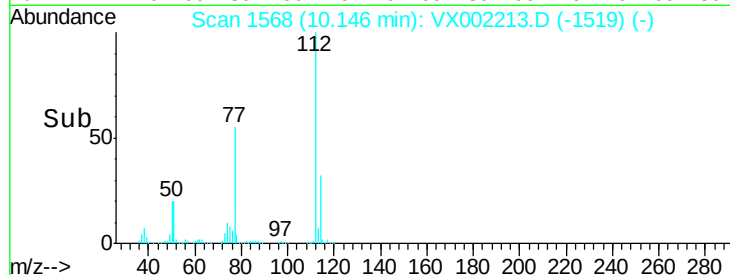
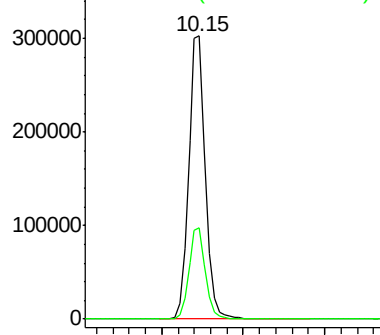
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Abundance Ion 111.90 (111.60 to 112.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 43.767 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

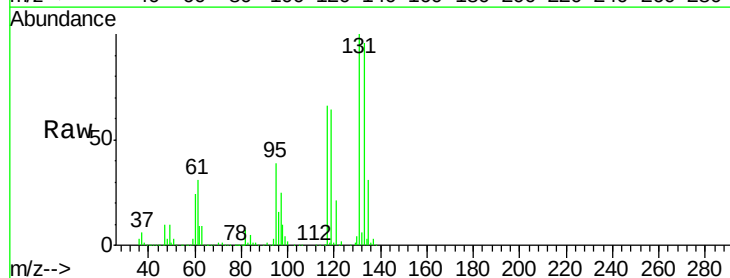
Tgt Ion:131 Resp: 160420

Ion Ratio Lower Upper

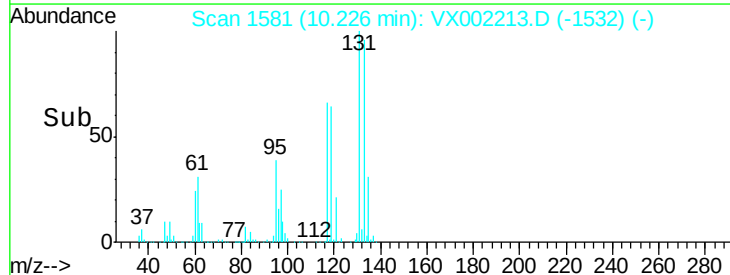
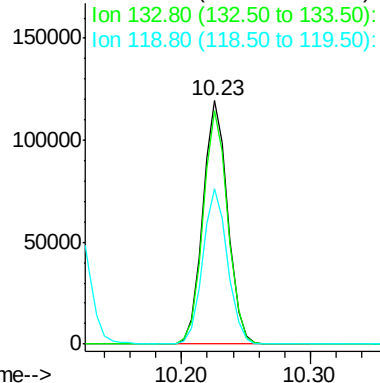
131 100

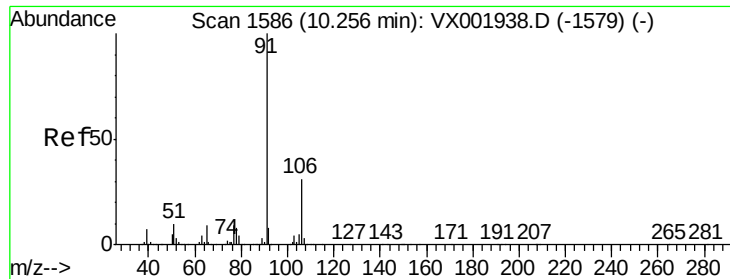
133 95.5 48.0 144.0

119 63.8 31.9 95.5



Abundance Ion 130.80 (130.50 to 131.50): V





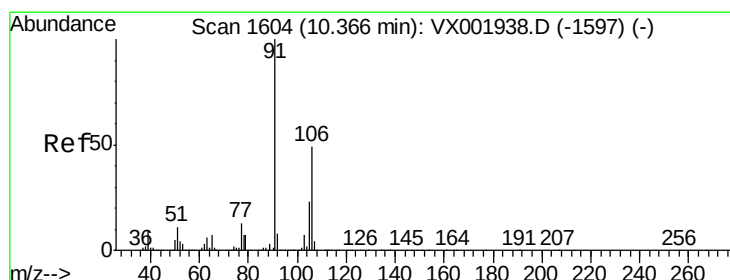
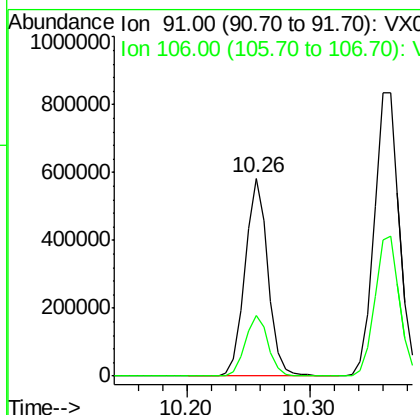
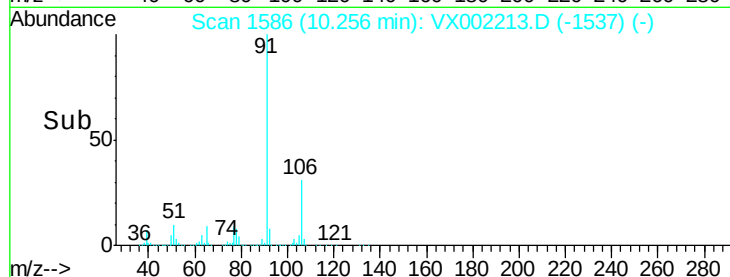
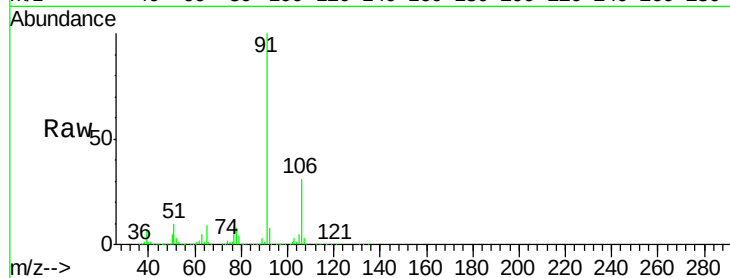
#67
Ethyl Benzene
Concen: 47.892 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 755286
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6

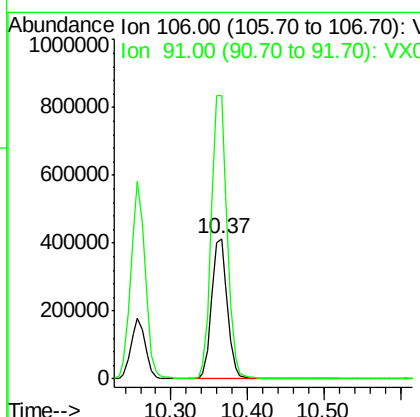
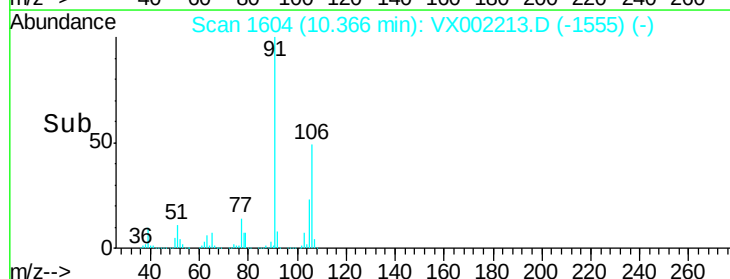
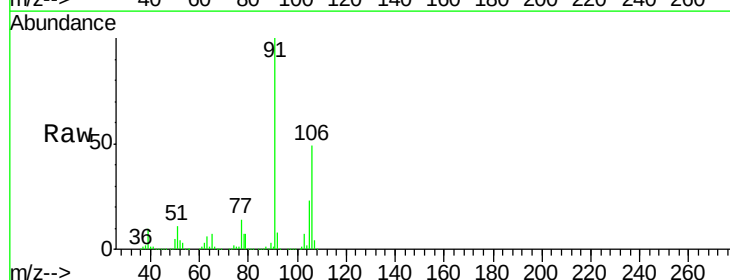
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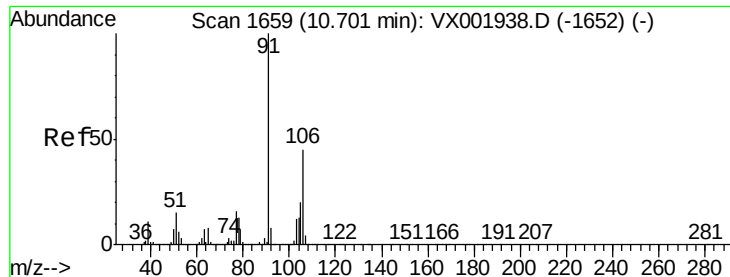
MMDadoda
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#68
m/p-Xylenes
Concen: 97.031 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion: 106 Resp: 584957
Ion Ratio Lower Upper
106 100
91 204.6 165.0 247.6





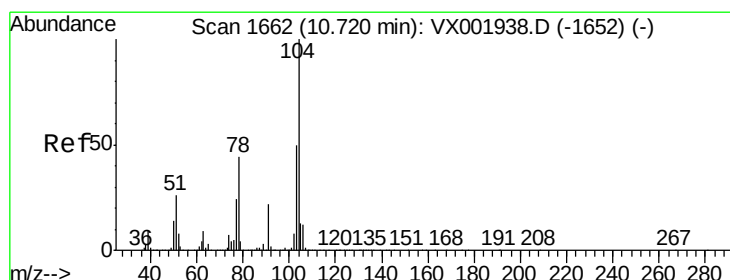
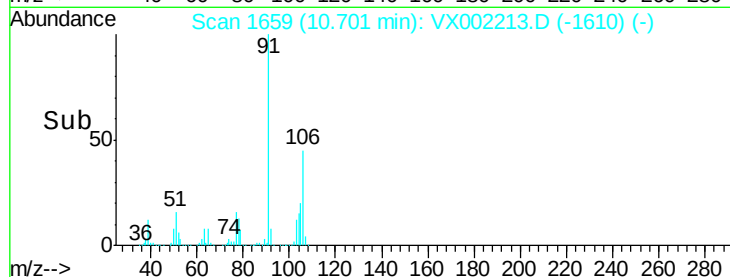
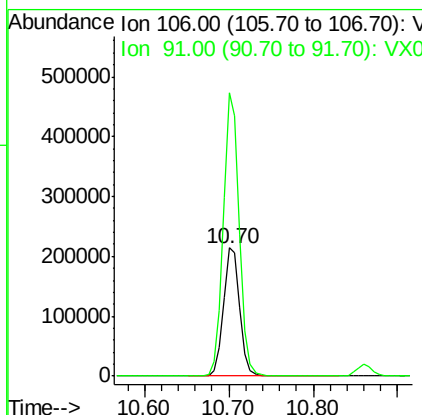
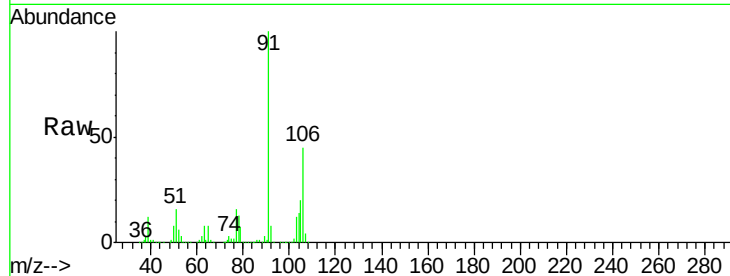
#69
o-Xylene
Concen: 47.488 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	216.3	108.7	325.9	

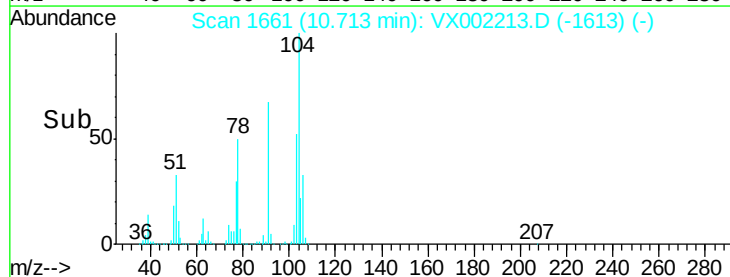
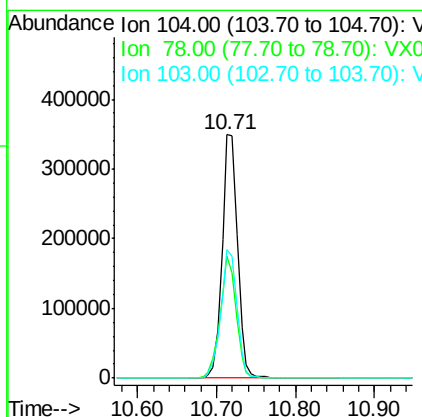
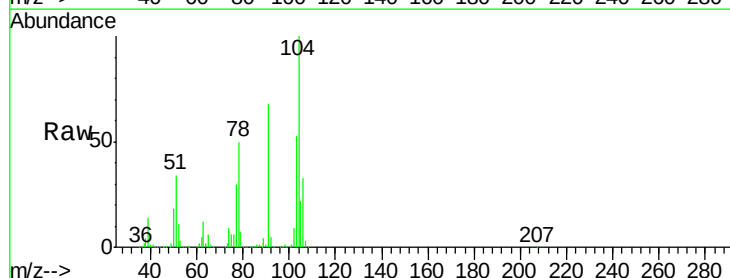
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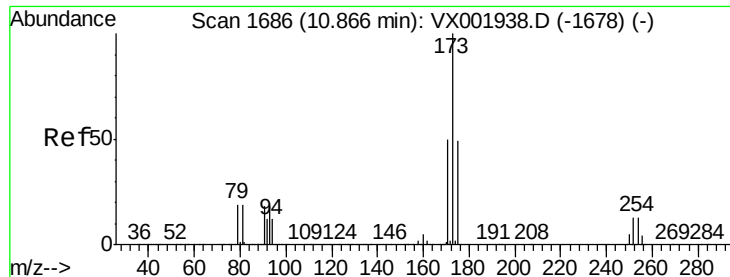
MMDadoda
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#70
Styrene
Concen: 47.689 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	52.3	41.8	62.6	
103	55.9	44.6	67.0	





#71

Bromoform

Concen: 36.265 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 126040

Ion Ratio Lower Upper

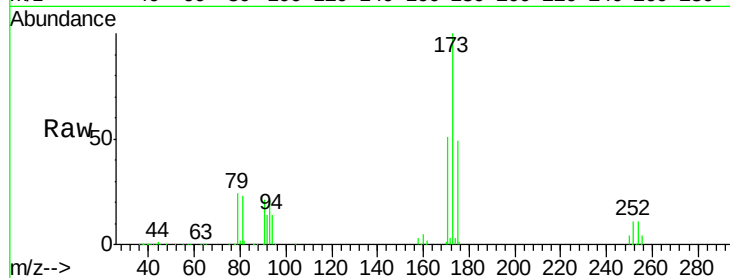
173 100

175 48.7 24.3 72.9

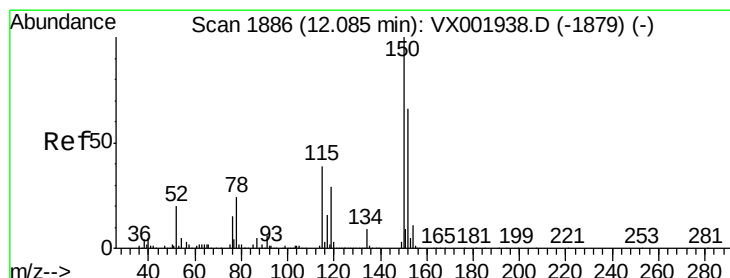
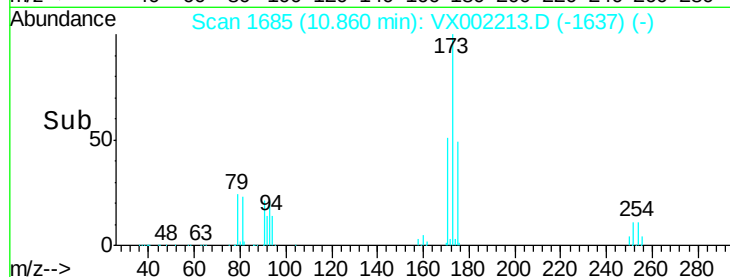
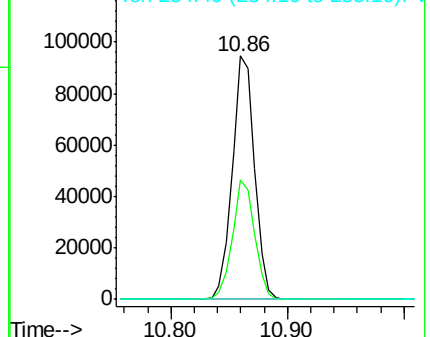
254 0.2 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

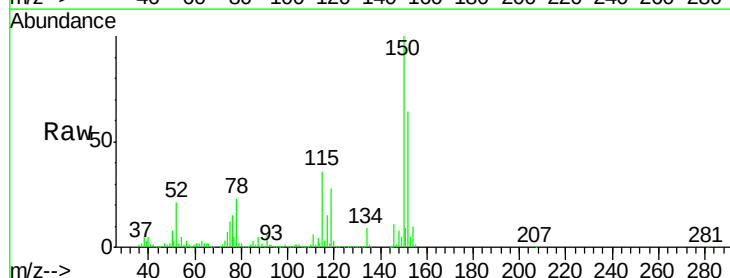
Tgt Ion:152 Resp: 198213

Ion Ratio Lower Upper

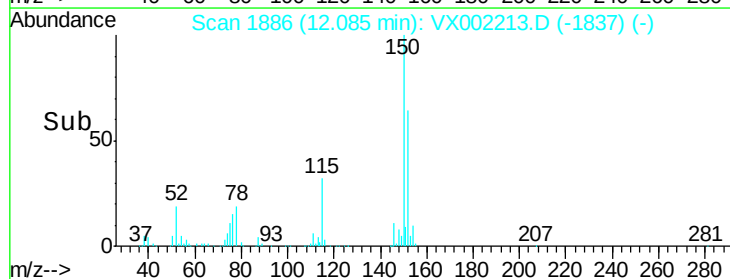
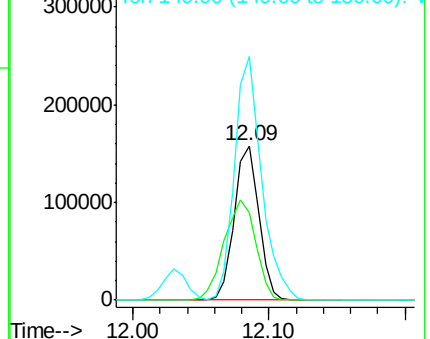
152 100

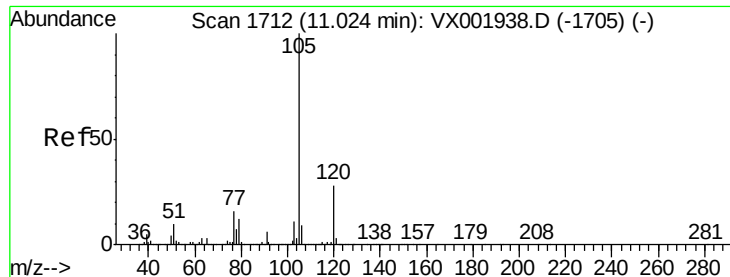
115 83.8 42.3 126.8

150 175.5 0.0 351.0



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





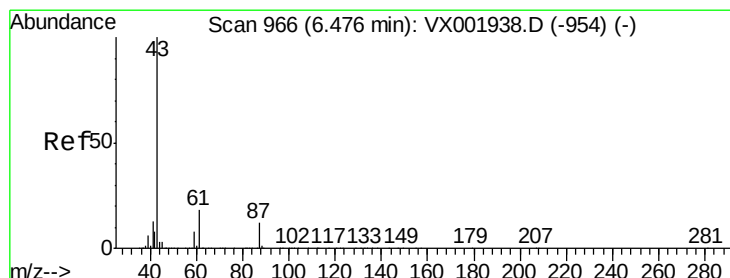
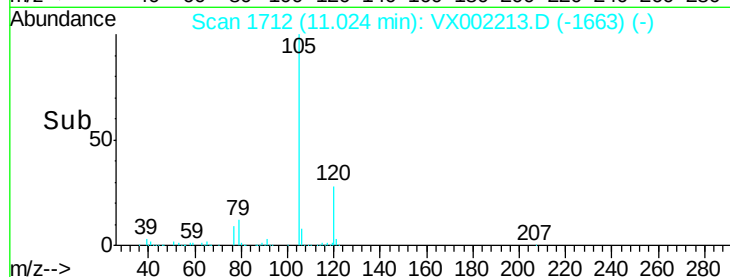
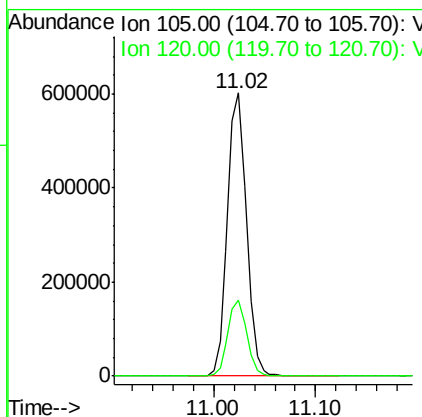
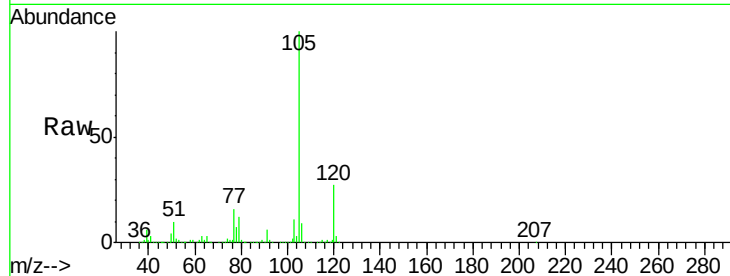
#73
Isopropylbenzene
Concen: 46.324 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.6	40.7

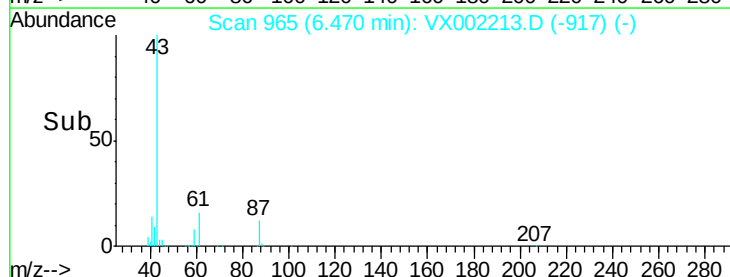
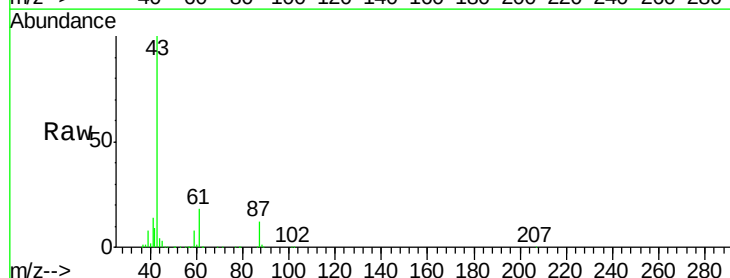
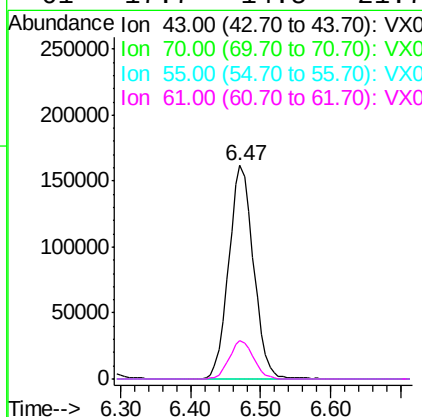
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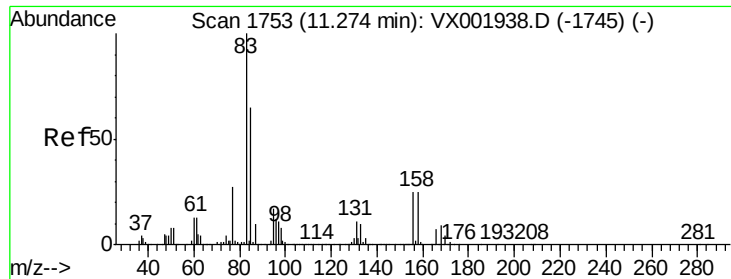
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#74
N-ethyl acetate
Concen: 45.269 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.1	0.1#
55	0.1	0.1	0.1
61	17.7	14.5	21.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.397 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

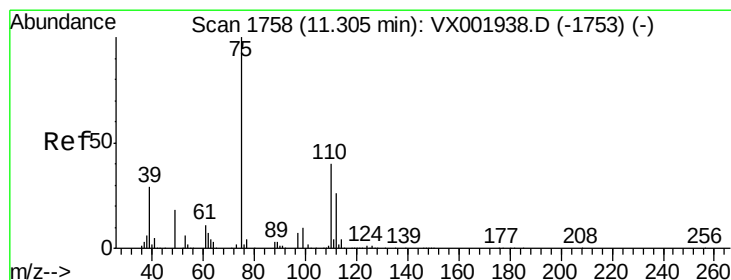
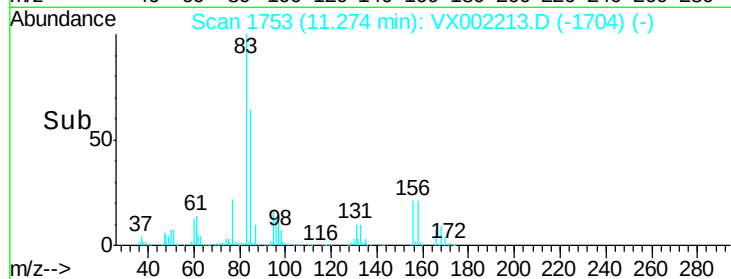
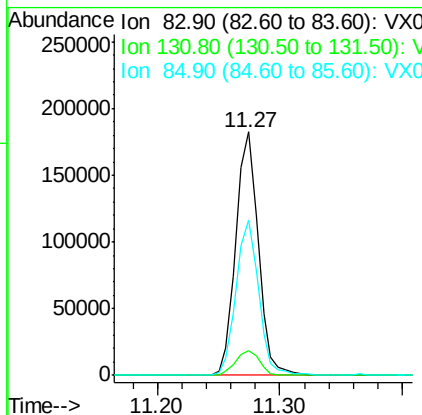
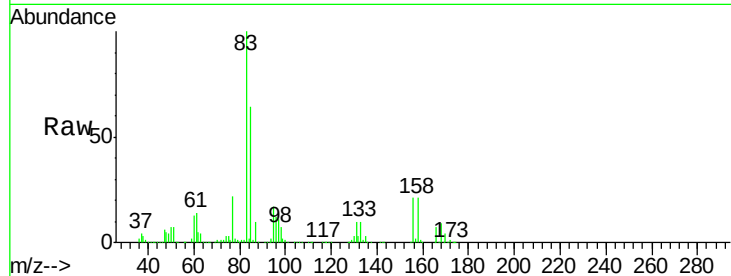
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	231308
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.7	17.0
85	63.9	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.563 ug/l m

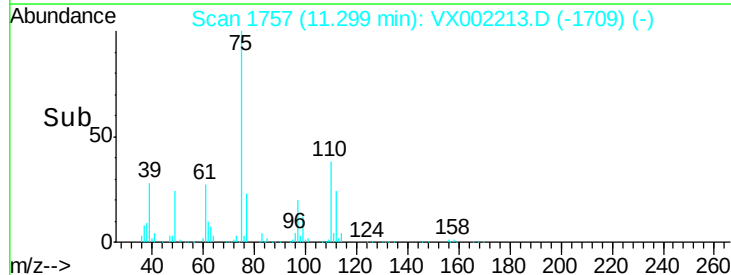
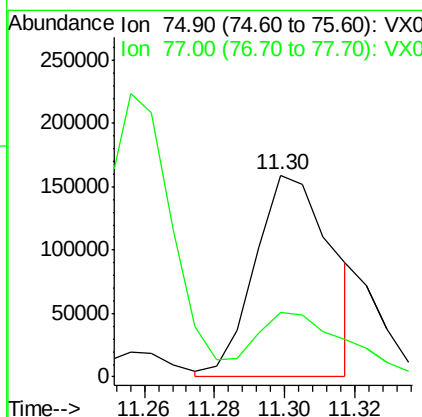
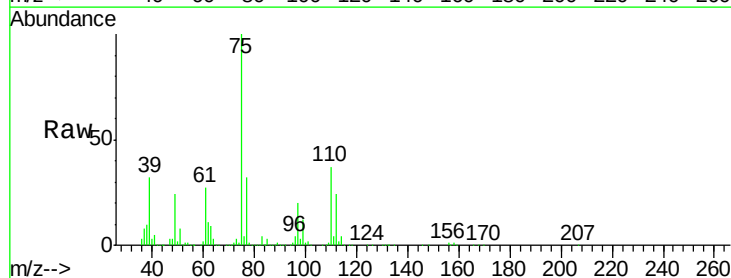
RT: 11.30 min Scan# 1757

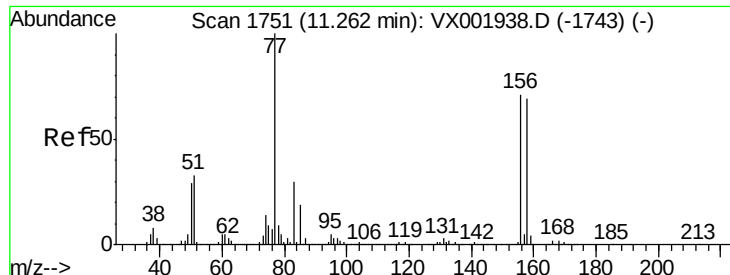
Delta R.T. -0.01 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Tgt Ion:	75	Resp:	240731
Ion Ratio	Lower	Upper	
75	100		
77	38.6	22.8	68.3





#77

Bromobenzene

Concen: 46.123 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 205396

Ion Ratio Lower Upper

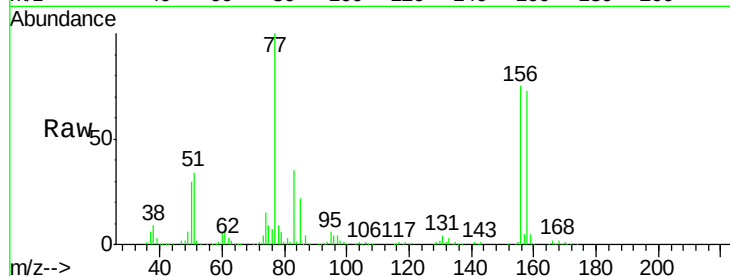
156 100

77 143.6 75.2 225.6

158 99.3 48.6 145.8

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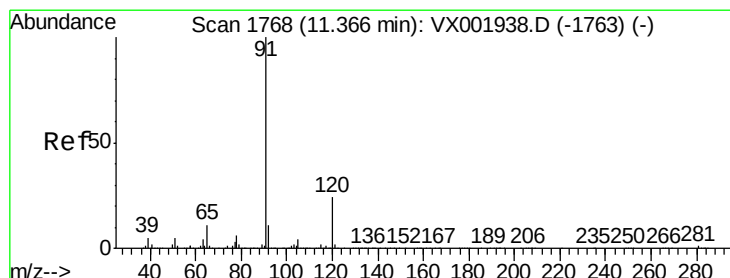
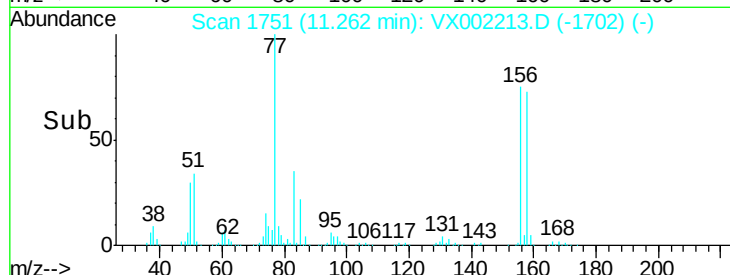
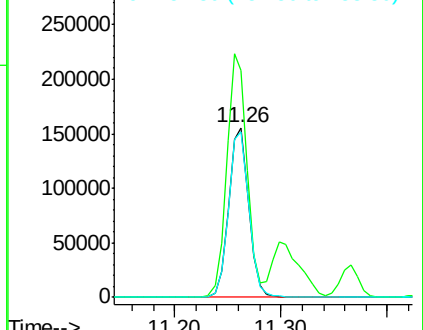
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.982 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002213.D

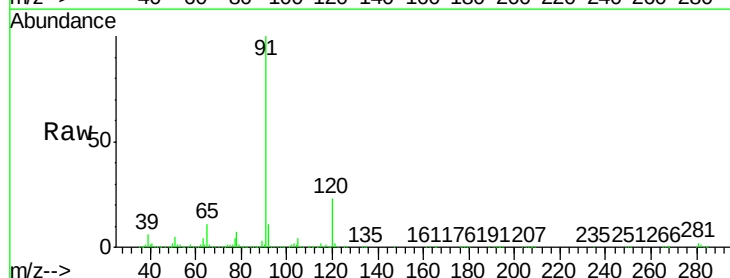
Acq: 01 Jun 2018 12:01

Tgt Ion: 91 Resp: 883217

Ion Ratio Lower Upper

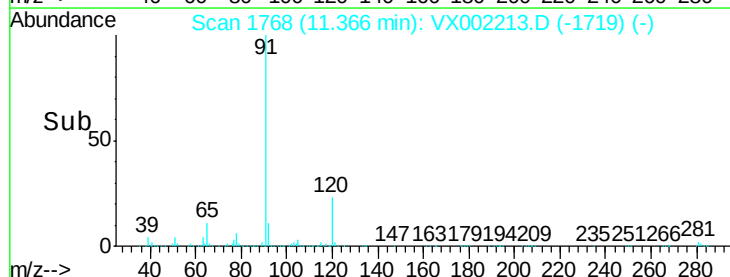
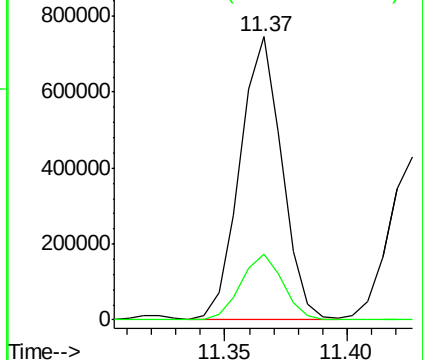
91 100

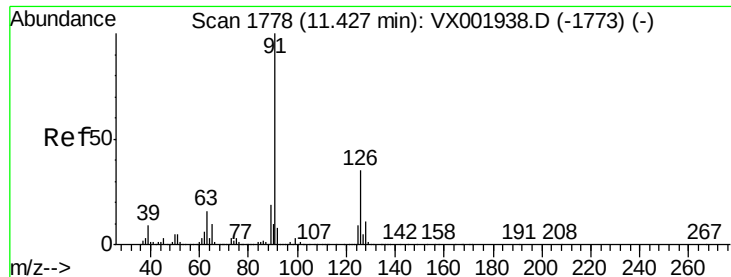
120 23.6 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.813 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 523624

Ion Ratio Lower Upper

91 100

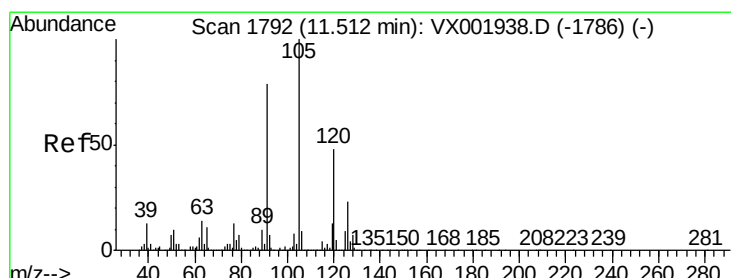
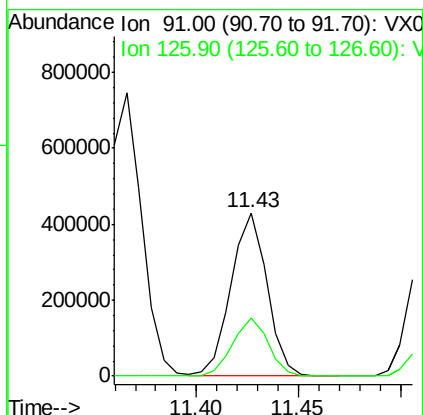
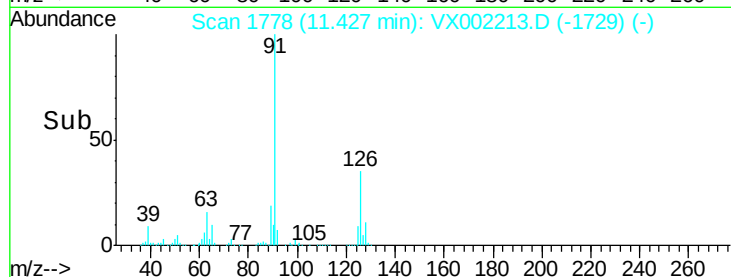
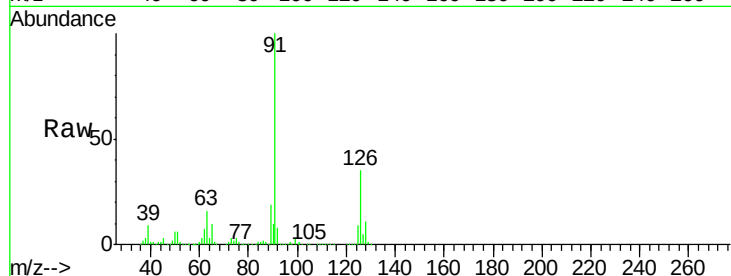
126 35.5 17.4 52.2

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#80

1,3,5-Trimethylbenzene

Concen: 46.221 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002213.D

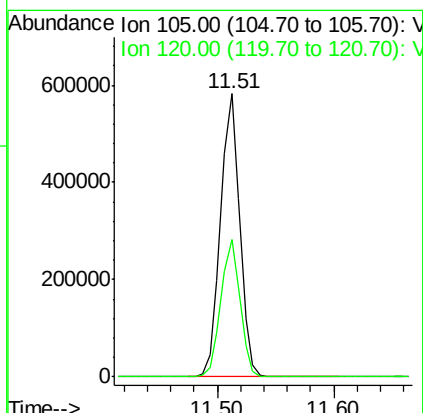
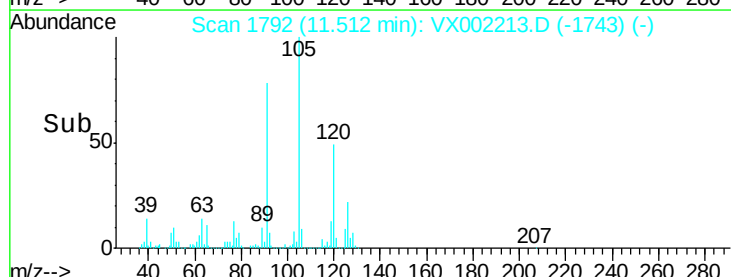
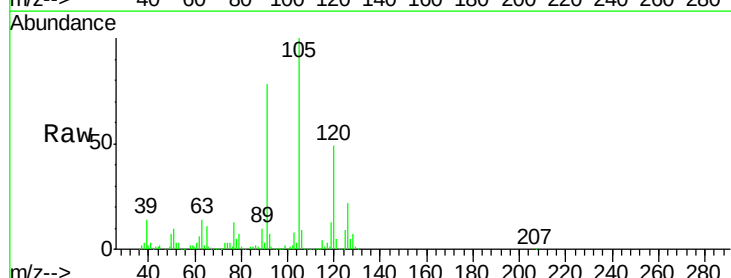
Acq: 01 Jun 2018 12:01

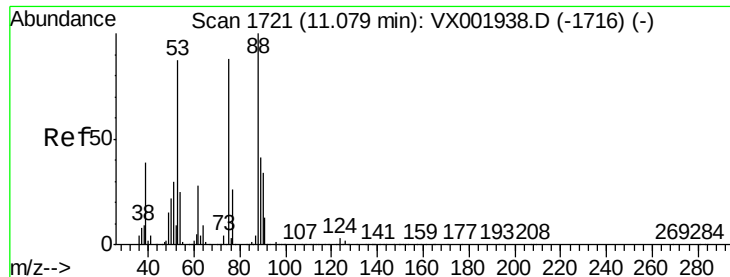
Tgt Ion: 105 Resp: 663009

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.4





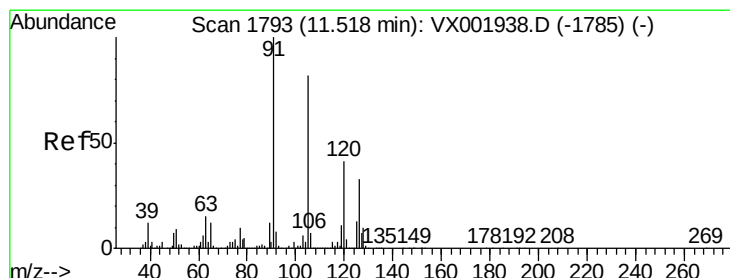
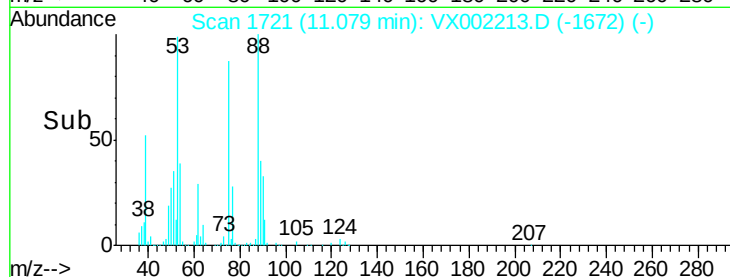
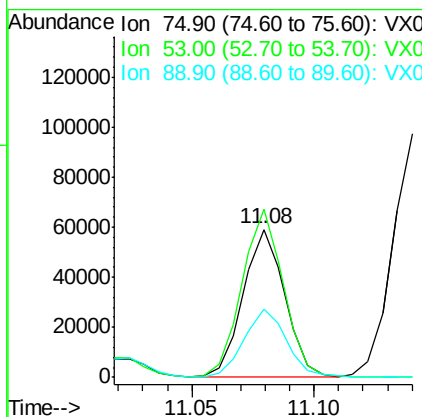
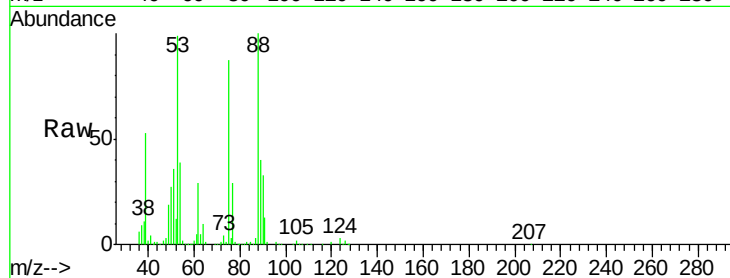
#81
trans-1,4-Dichloro-2-butene
Concen: 35.227 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.1	78.0	117.0
89	47.7	39.4	59.2

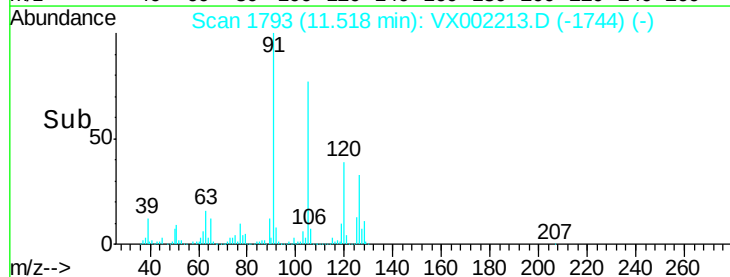
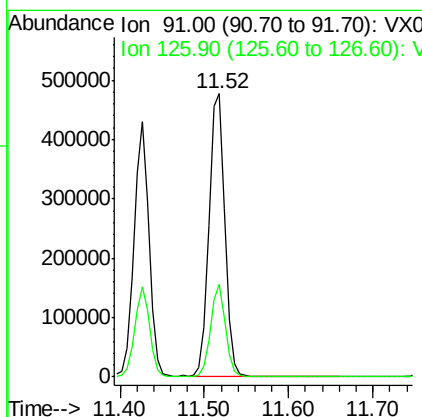
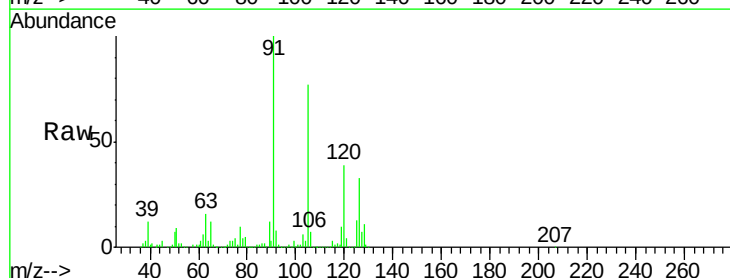
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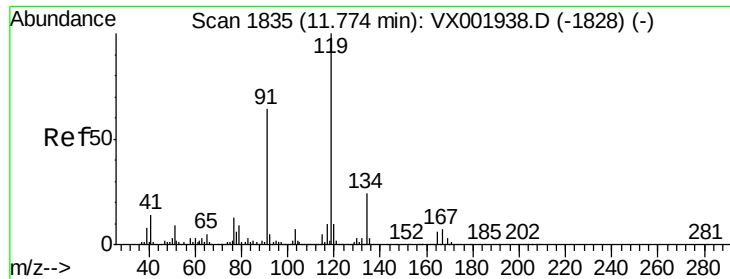
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#82
4-Chlorotoluene
Concen: 46.864 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.3	45.8





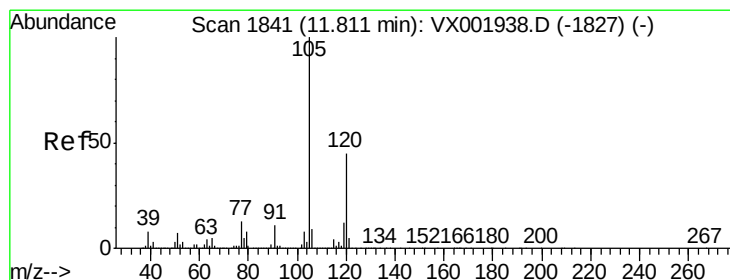
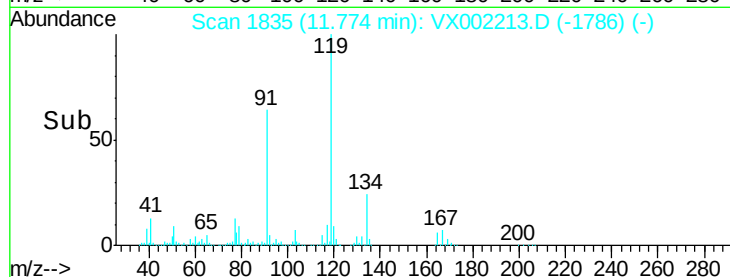
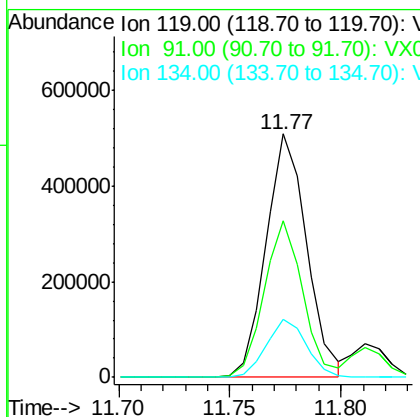
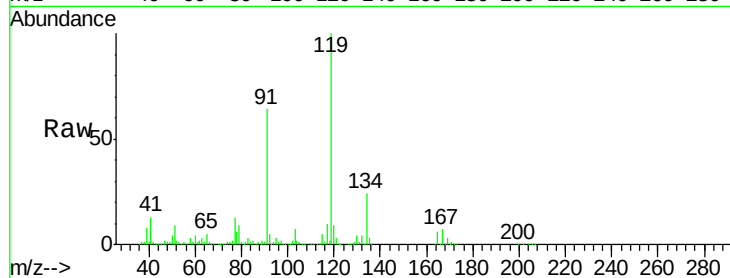
#83
 tert-Butylbenzene
 Concen: 45.936 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.1	30.6	91.8
134	23.5	11.7	35.0

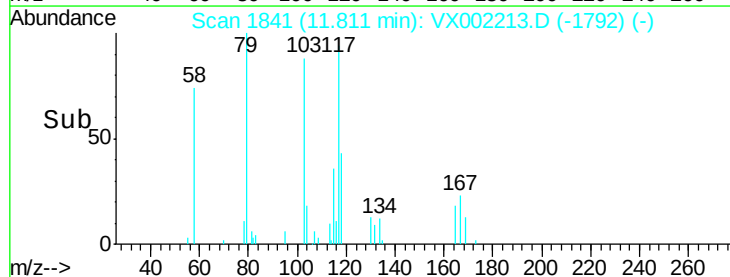
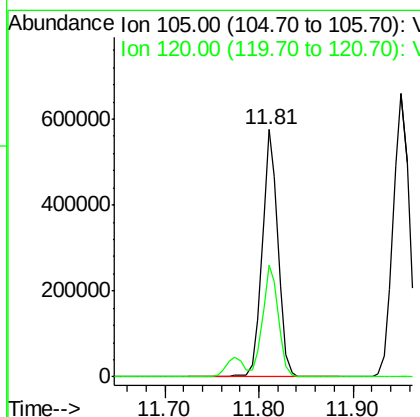
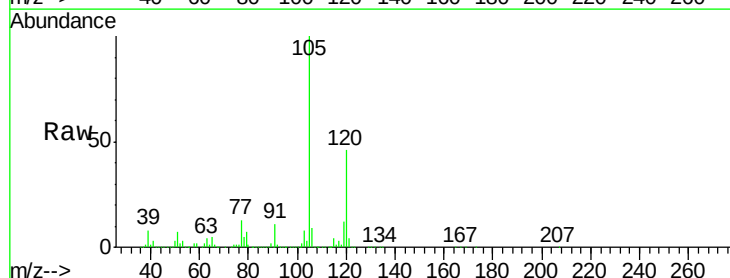
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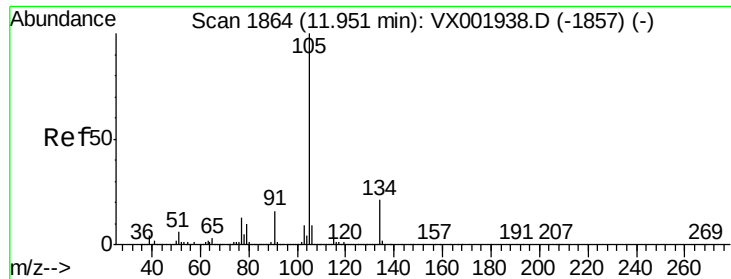
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#84
 1,2,4-Trimethylbenzene
 Concen: 46.024 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.1	66.5





#85

sec-Butylbenzene

Concen: 47.036 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 795873

Ion Ratio Lower Upper

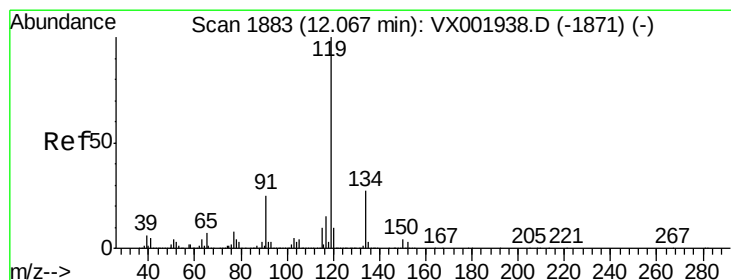
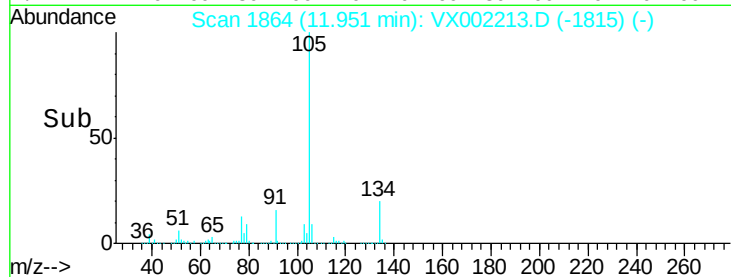
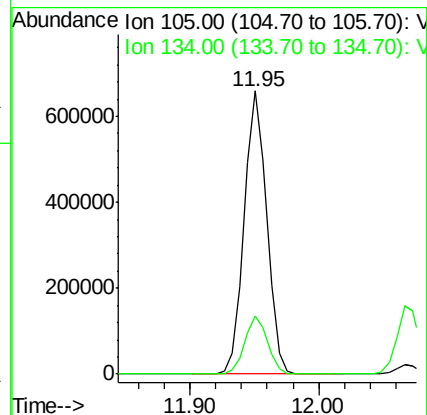
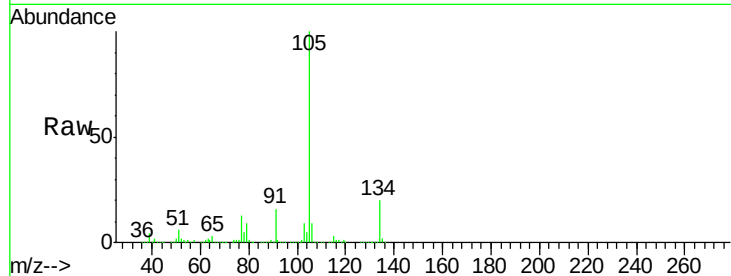
105 100

134 20.7 10.4 31.4

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 47.347 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

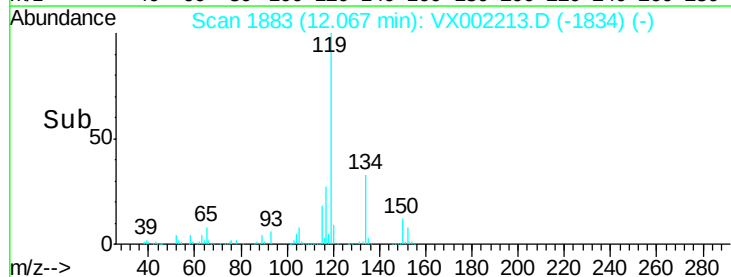
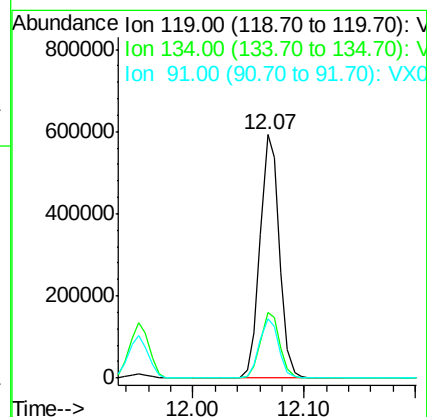
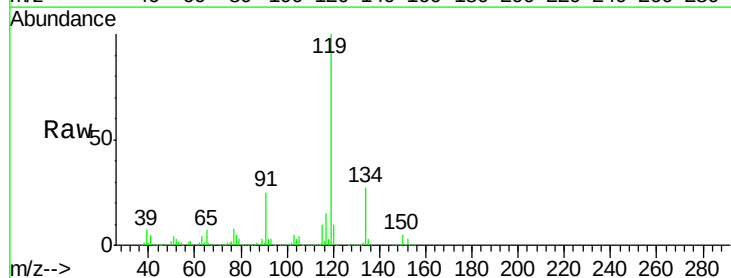
Tgt Ion:119 Resp: 716889

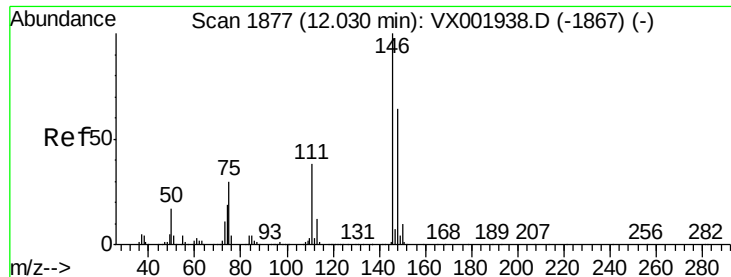
Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

91 24.2 12.2 36.4





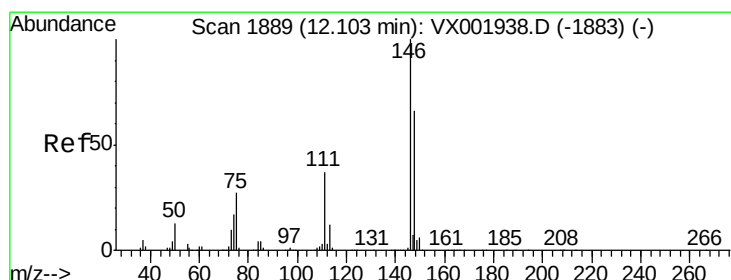
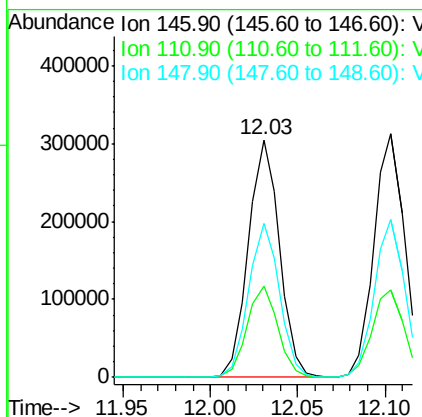
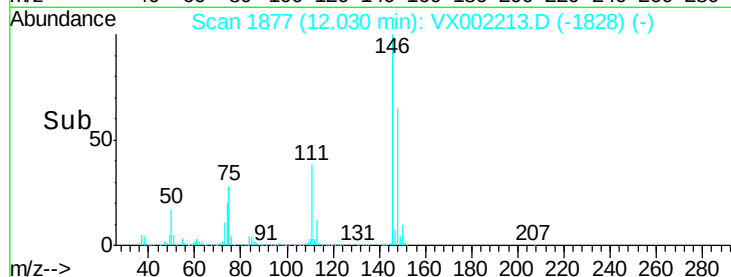
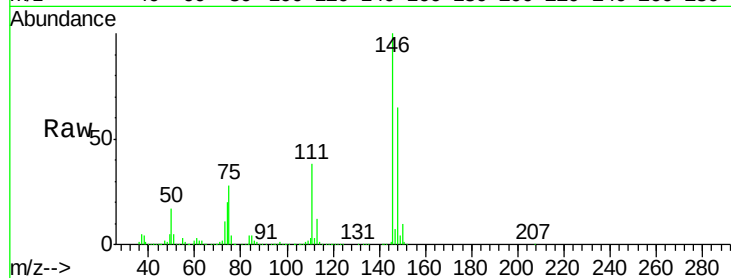
#87
 1,3-Dichlorobenzene
 Concen: 47.200 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.3	57.8
148	64.5	32.1	96.3

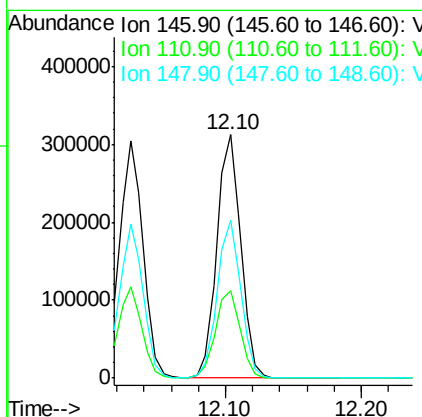
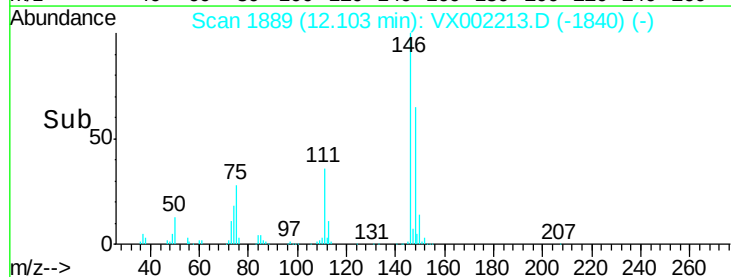
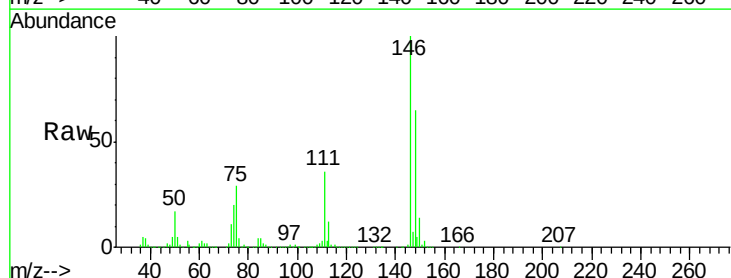
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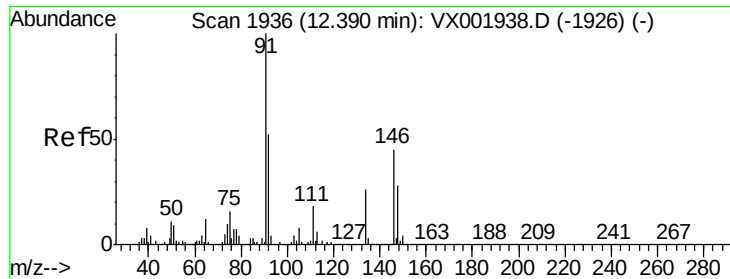
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#88
 1,4-Dichlorobenzene
 Concen: 47.717 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.5
148	64.2	32.3	96.8





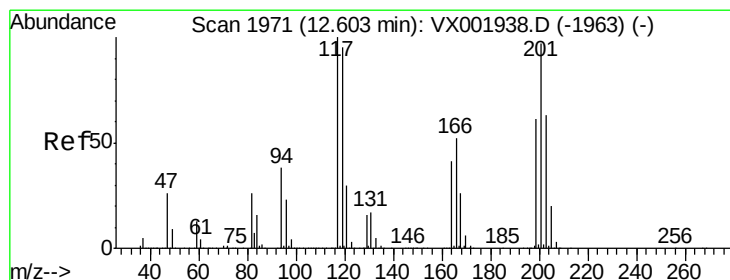
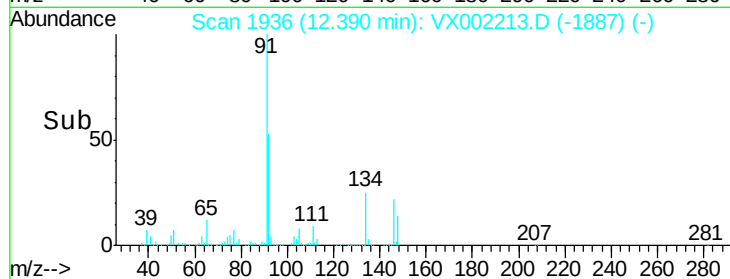
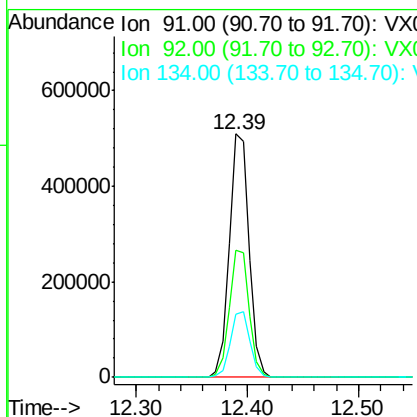
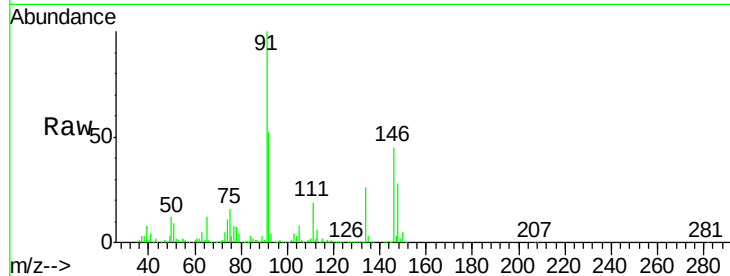
#89
n-Butylbenzene
Concen: 48.430 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.3	78.9
134	26.8	13.6	40.7

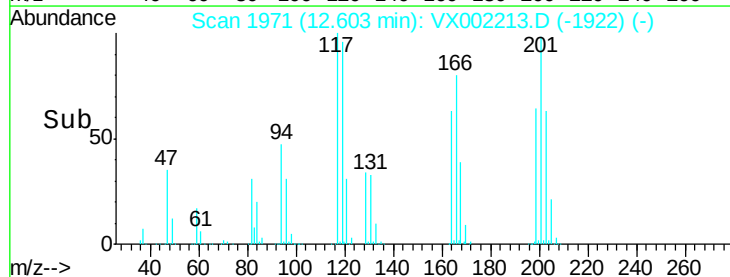
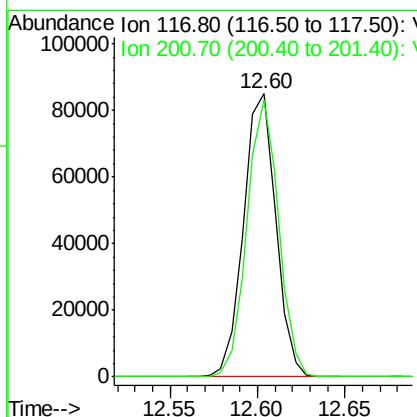
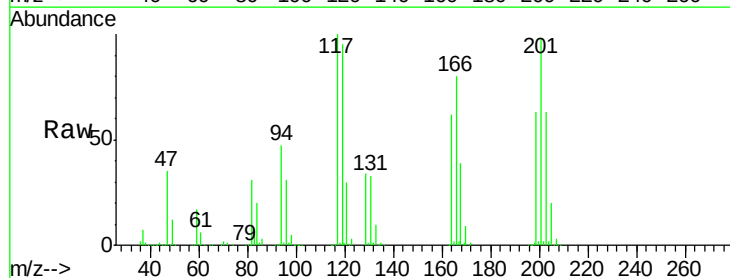
Manual Integrations
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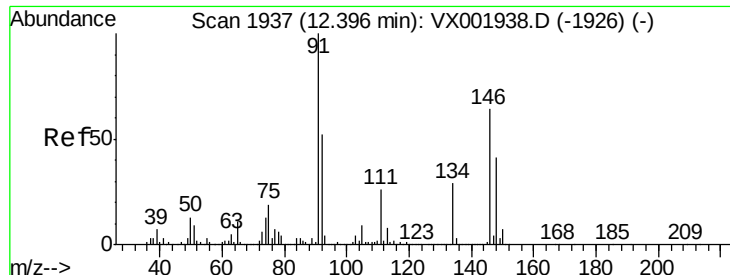
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#90
Hexachloroethane
Concen: 36.619 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.6	48.0	144.0





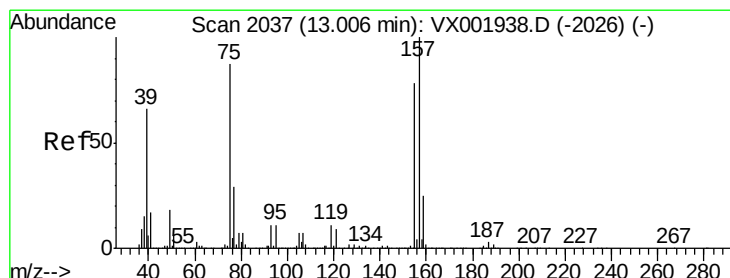
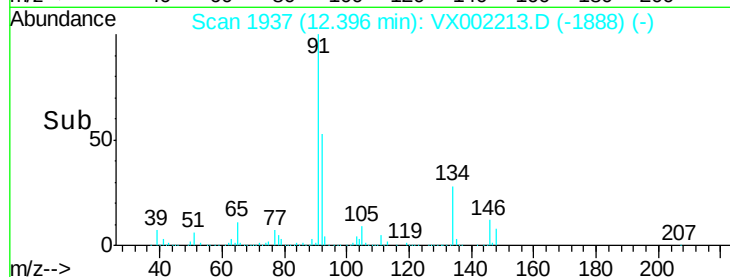
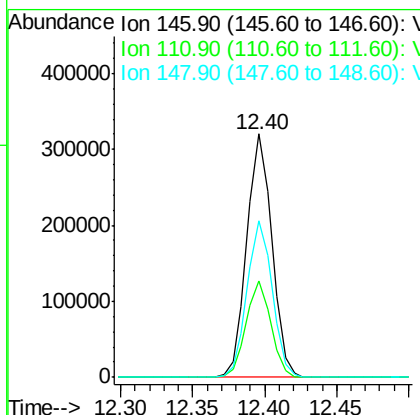
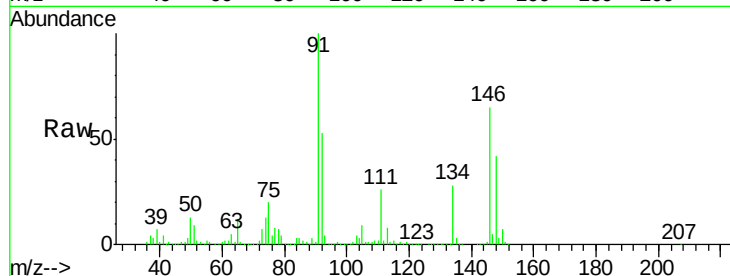
#91
 1,2-Dichlorobenzene
 Concen: 47.447 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	385551		
111	39.1	19.8	59.3	
148	64.5	32.1	96.5	

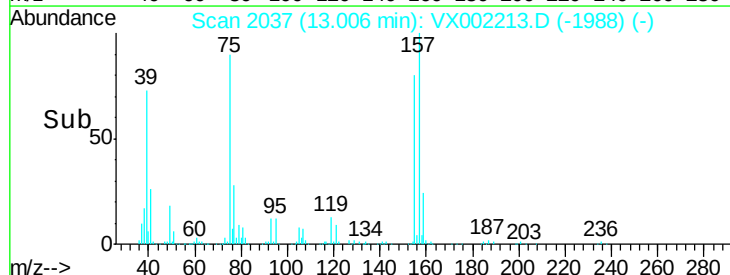
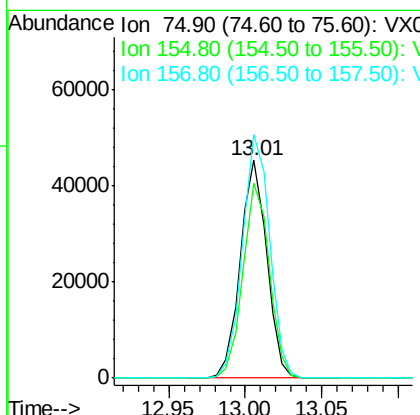
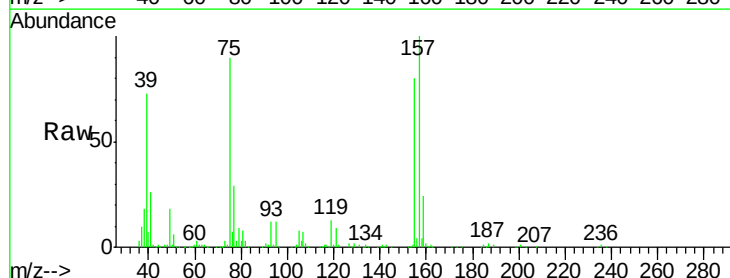
Manual Integrations
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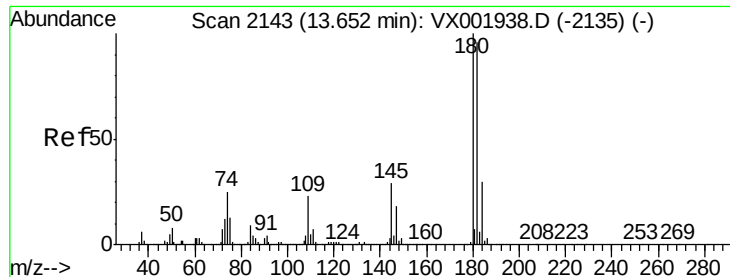
MMDadoda
 6/1/2018 6:37:19 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 36.494 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	54460		
155	89.4	45.1	135.2	
157	115.3	58.1	174.2	





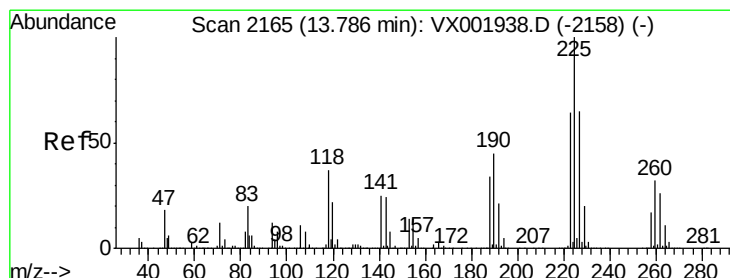
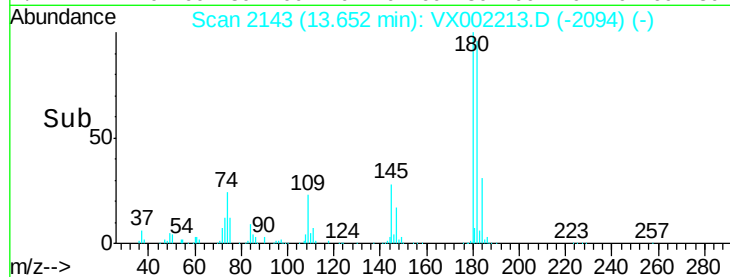
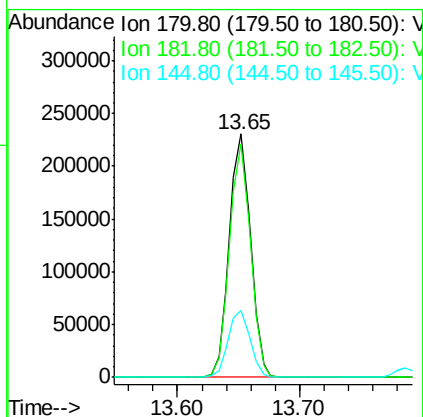
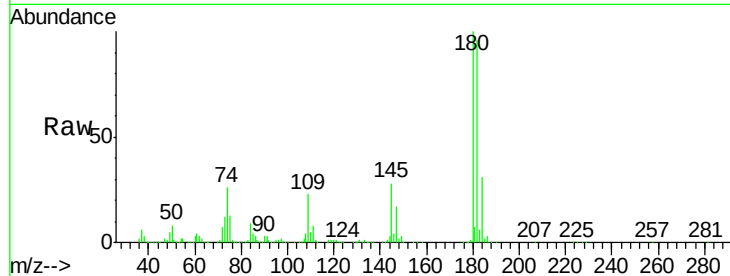
#93
 1,2,4-Trichlorobenzene
 Concen: 47.679 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	277041		
182	94.9	47.7	143.1	
145	28.2	14.4	43.0	

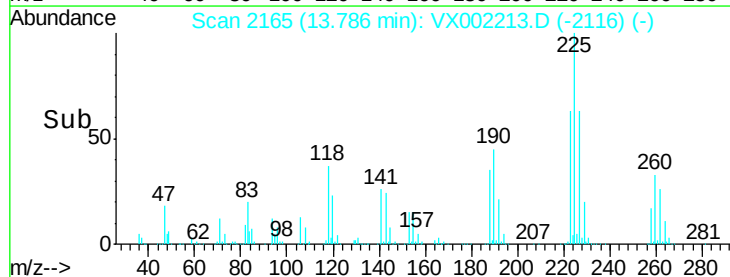
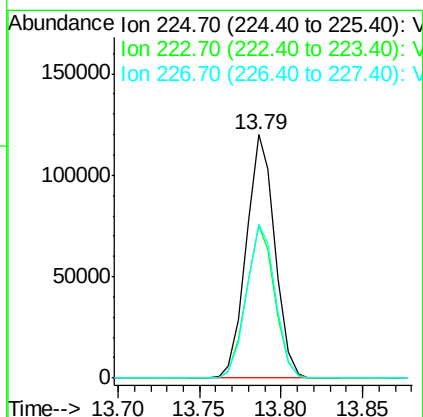
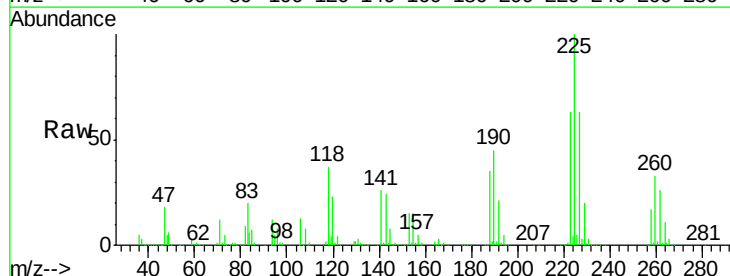
Manual Integrations
 APPROVED

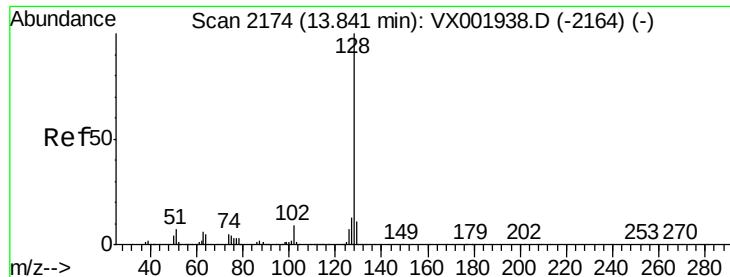
MMDadoda
 6/1/2018 6:37:19 PM



#94
 Hexachlorobutadiene
 Concen: 46.795 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	146265		
223	62.4	31.1	93.5	
227	63.6	32.1	96.5	





#95

Naphthalene

Concen: 45.580 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

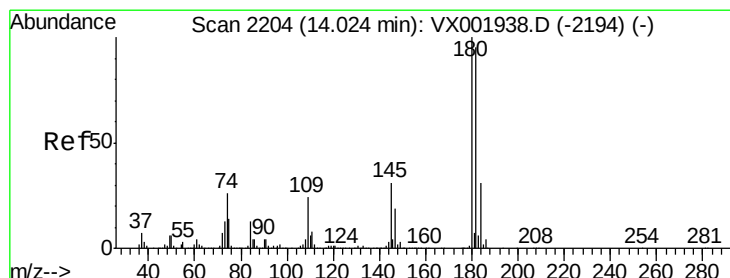
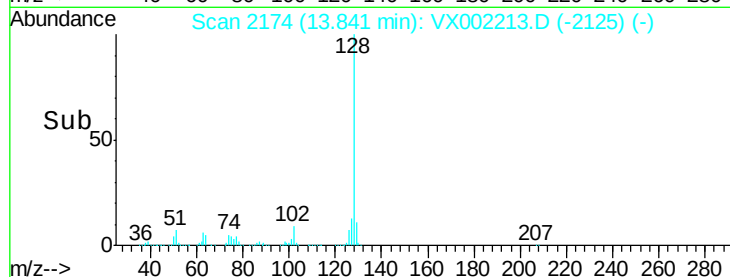
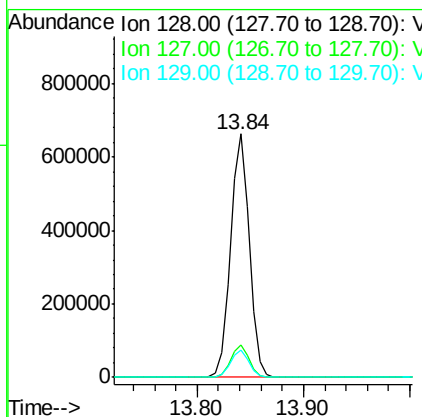
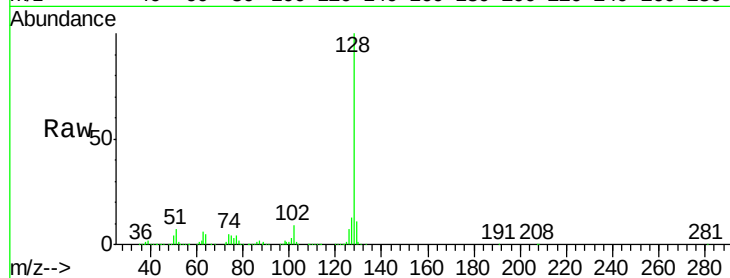
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	815974
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:19 PM



#96

1,2,3-Trichlorobenzene

Concen: 46.844 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Tgt Ion:	180	Resp:	281643
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.9	143.6
145	29.9	15.1	45.3

