

Data File : VX001046.D
Acq On : 21 Apr 2018 07:57
Operator : JC/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:49 PM

Quant Time: Apr 23 01:00:19 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	225410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	309549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	209295	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	138565	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	5.51	113	116778	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
50) Toluene-d8	8.72	98	422729	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
62) 4-Bromofluorobenzene	11.14	95	175075	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	155147	55.50	ug/l	98
3) Chloromethane	1.32	50	132650	50.96	ug/l	99
4) Vinyl Chloride	1.41	62	138522	51.34	ug/l	100
5) Bromomethane	1.64	94	89353	58.94	ug/l	100
6) Chloroethane	1.73	64	82959	51.75	ug/l	99
7) Trichlorofluoromethane	1.93	101	208530	51.44	ug/l	99
8) Diethyl Ether	2.19	74	75633	50.52	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	118391	49.85	ug/l	99
10) Methyl Iodide	2.52	142	108503	46.86	ug/l	99
11) Tert butyl alcohol	3.07	59	110735	256.97	ug/l	99
12) 1,1-Dichloroethene	2.38	96	110926	50.51	ug/l	98
13) Acrolein	2.30	56	36542	271.22	ug/l	100
14) Allyl chloride	2.73	41	196640	49.47	ug/l	99
15) Acrylonitrile	3.15	53	284189	243.68	ug/l	99
16) Acetone	2.45	43	240918	223.91	ug/l	99
17) Carbon Disulfide	2.57	76	304196	48.60	ug/l	100
18) Methyl Acetate	2.78	43	180603	55.47	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	377101	51.08	ug/l	98
20) Methylene Chloride	2.86	84	120079	53.04	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	120698	49.37	ug/l	97
22) Diisopropyl ether	3.88	45	399203	51.89	ug/l	99
23) Vinyl Acetate	3.83	43	1586820	249.12	ug/l	100
24) 1,1-Dichloroethane	3.70	63	217062	50.30	ug/l	99
25) 2-Butanone	4.71	43	403055	239.97	ug/l	100
26) 2,2-Dichloropropane	4.59	77	140976	37.97	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	137827	50.61	ug/l	96
28) Bromochloromethane	5.03	49	90421	54.48	ug/l	97
29) Tetrahydrofuran	5.17	42	262505	247.32	ug/l	99
30) Chloroform	5.23	83	230177	51.50	ug/l	98
31) Cyclohexane	5.59	56	201332	49.98	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	209011	52.16	ug/l	100
36) 1,1-Dichloropropene	5.81	75	175021	48.11	ug/l	99
37) Ethyl Acetate	4.87	43	162447	48.68	ug/l	99
38) Carbon Tetrachloride	5.79	117	184736	50.15	ug/l	99

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Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Manual Integrations

APPROVED

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4/23/2018 1:27:49 PM

Quant Time: Apr 23 01:00:19 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 05:03:28 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	203290	48.01	ug/l	98
40) Benzene	6.15	78	500518	49.49	ug/l	98
41) Methacrylonitrile	5.07	41	98057	47.06	ug/l	100
42) 1,2-Dichloroethane	6.21	62	191624	49.36	ug/l	100
43) Isopropyl Acetate	6.47	43	283621	49.54	ug/l	99
44) Trichloroethene	7.22	130	151607	49.07	ug/l	99
45) 1,2-Dichloropropane	7.52	63	128759	50.63	ug/l	97
46) Dibromomethane	7.67	93	88129	49.60	ug/l	100
47) Bromodichloromethane	7.91	83	169973	51.64	ug/l	98
48) Methyl methacrylate	7.78	41	151791	49.24	ug/l	99
49) 1,4-Dioxane	7.76	88	48408	1067.94	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	875306	251.82	ug/l	100
52) Toluene	8.79	92	329903	49.98	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	196161	49.83	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	186225	50.17	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	131924	50.28	ug/l	99
56) Ethyl methacrylate	9.19	69	195783	50.81	ug/l	99
57) 1,3-Dichloropropane	9.38	76	215113	49.49	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	479898	255.18	ug/l	99
59) 2-Hexanone	9.51	43	647478	243.37	ug/l	99
60) Dibromochloromethane	9.59	129	145300	52.73	ug/l	100
61) 1,2-Dibromoethane	9.68	107	141794	51.21	ug/l	99
64) Tetrachloroethene	9.34	164	159328	50.18	ug/l	99
65) Chlorobenzene	10.15	112	391077	49.12	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	140643	51.47	ug/l	99
67) Ethyl Benzene	10.26	91	652469	49.35	ug/l	99
68) m/p-Xylenes	10.37	106	513319	98.52	ug/l	99
69) o-Xylene	10.71	106	248016	49.37	ug/l	99
70) Styrene	10.72	104	419649	50.73	ug/l	100
71) Bromoform	10.87	173	117065	46.23	ug/l	99
73) Isopropylbenzene	11.02	105	676363	49.43	ug/l	99
74) N-amyl acetate	6.47	43	283621	48.46	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	193820	50.04	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	179485m	49.43	ug/l	
77) Bromobenzene	11.26	156	193752	48.78	ug/l	99
78) n-propylbenzene	11.37	91	768045	48.90	ug/l	100
79) 2-Chlorotoluene	11.43	91	454359	48.95	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	574193	49.51	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	45981	39.58	ug/l	95
82) 4-Chlorotoluene	11.52	91	545577	48.64	ug/l	100
83) tert-Butylbenzene	11.77	119	576442	49.26	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	594256	49.79	ug/l	99
85) sec-Butylbenzene	11.95	105	682352	48.86	ug/l	100
86) p-Isopropyltoluene	12.07	119	630669	48.81	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	361476	48.62	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	368607	48.30	ug/l	100
89) n-Butylbenzene	12.39	91	544621	47.38	ug/l	99
90) Hexachloroethane	12.60	117	94343	51.53	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	352332	48.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	41645	51.32	ug/l	97

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042018\
Quantitation Report (QT Reviewed)

Data File : VX001046.D
Acq On : 21 Apr 2018 07:57
Operator : JC/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

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4/23/2018 1:27:49 PM

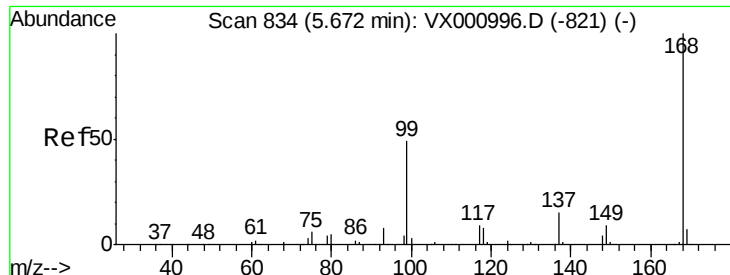
Quant Time: Apr 23 01:00:19 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	285831	47.30	ug/l	99
94) Hexachlorobutadiene	13.79	225	118045	43.17	ug/l	99
95) Naphthalene	13.84	128	742314	49.95	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	276842	47.37	ug/l	100

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

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[illegible]



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 225410

Ion Ratio Lower Upper

168 100

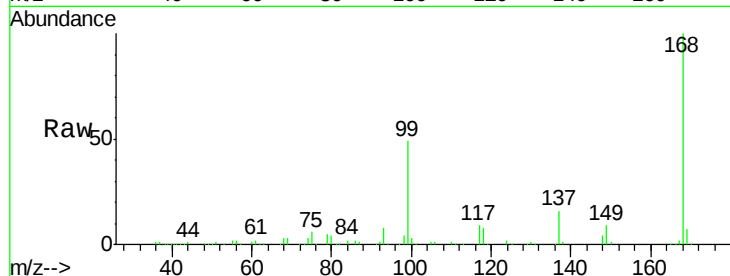
99 48.8 39.2 58.8

Manual Integrations

APPROVED

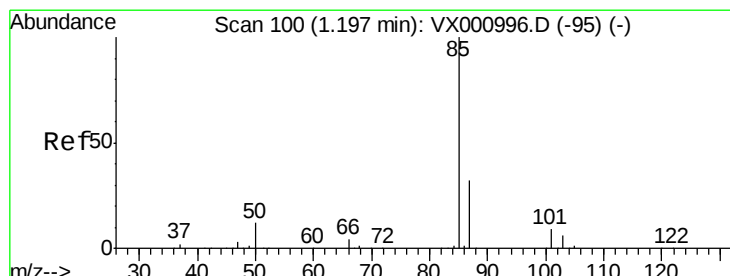
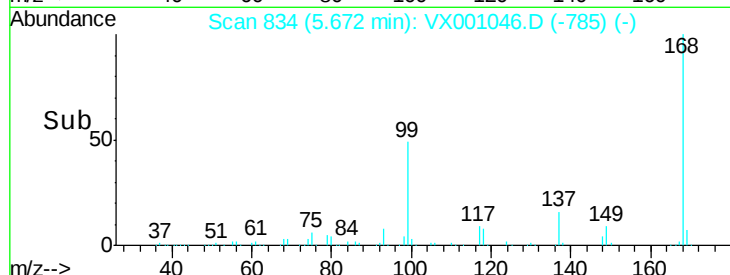
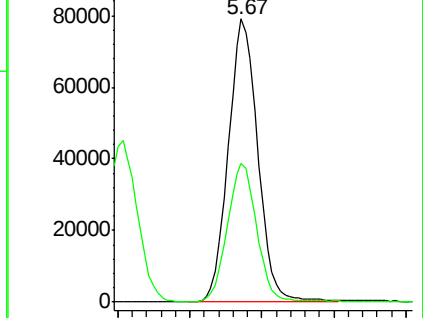
MMDadoda

4/23/2018 1:27:49 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 55.50 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001046.D

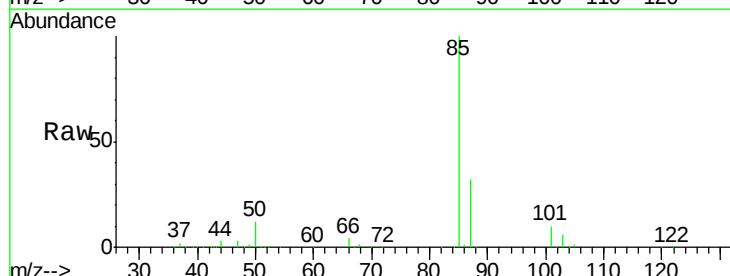
Acq: 21 Apr 2018 07:57

Tgt Ion: 85 Resp: 155147

Ion Ratio Lower Upper

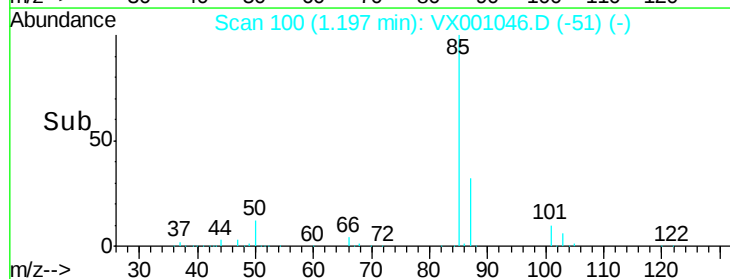
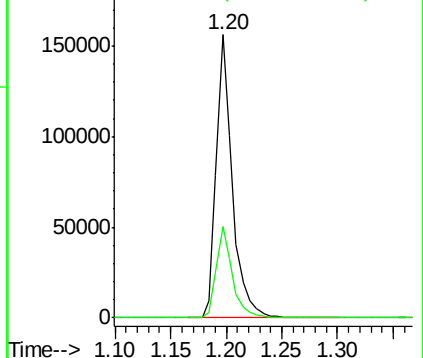
85 100

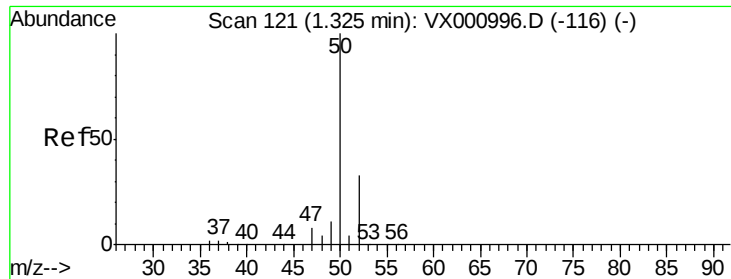
87 32.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.96 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 132650

Ion Ratio Lower Upper

50 100

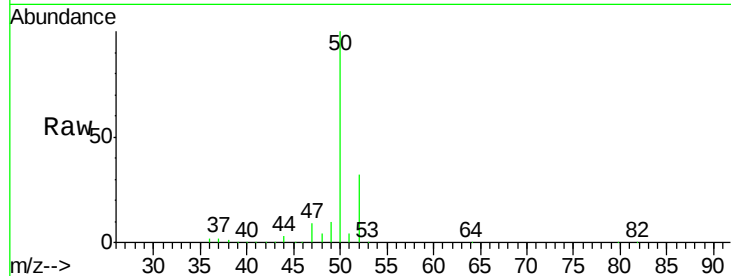
52 32.3 26.3 39.5

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

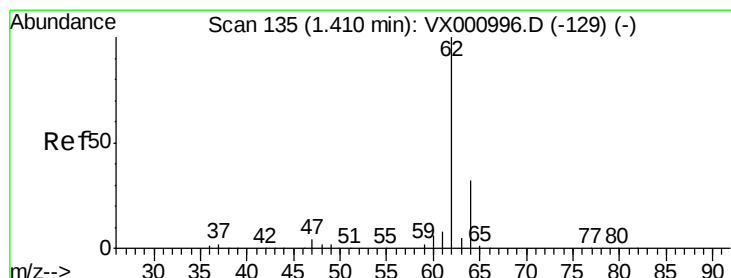
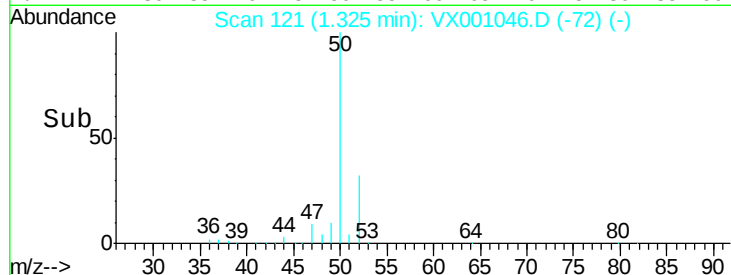
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 51.34 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX001046.D

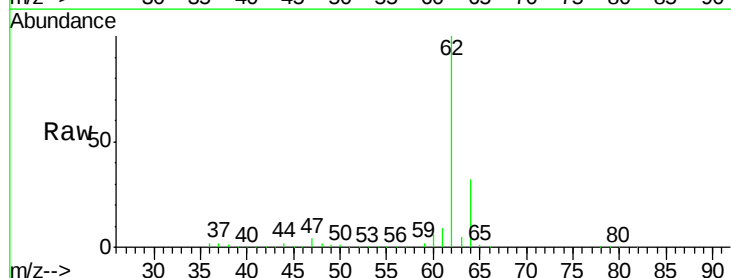
Acq: 21 Apr 2018 07:57

Tgt Ion: 62 Resp: 138522

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

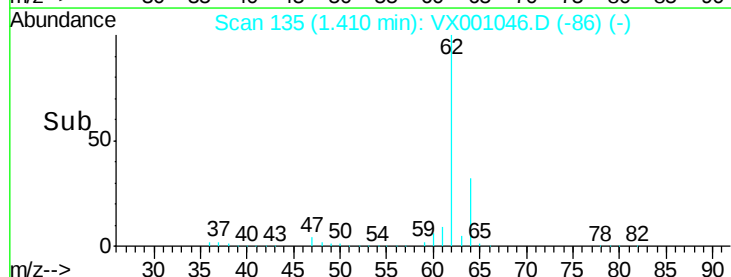
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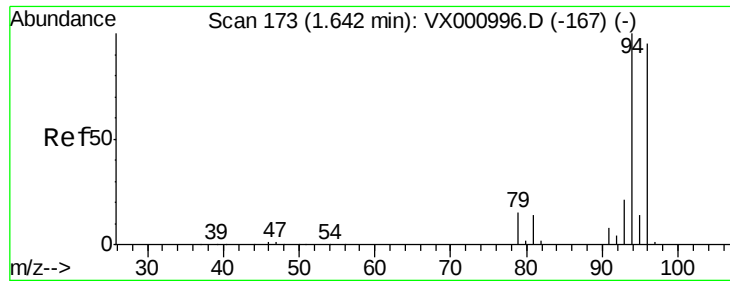
100000

50000

0

Time-->





#5

Bromomethane

Concen: 58.94 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 89353

Ion Ratio Lower Upper

94 100

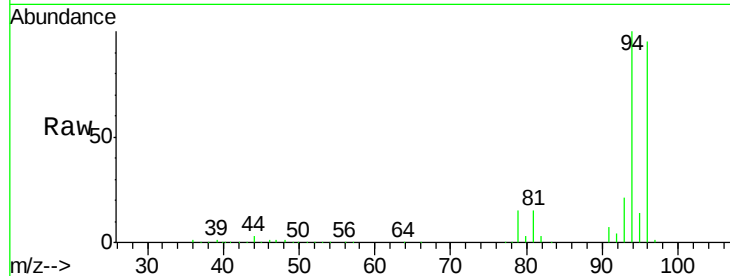
96 94.8 76.0 114.0

Manual Integrations

APPROVED

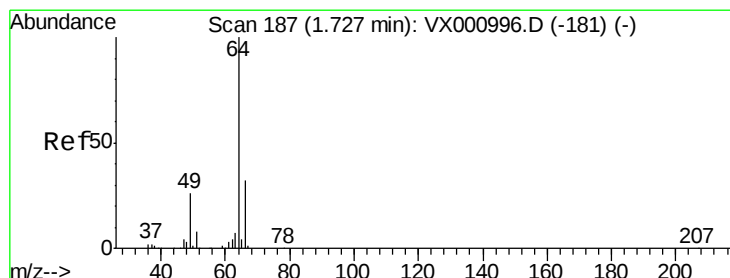
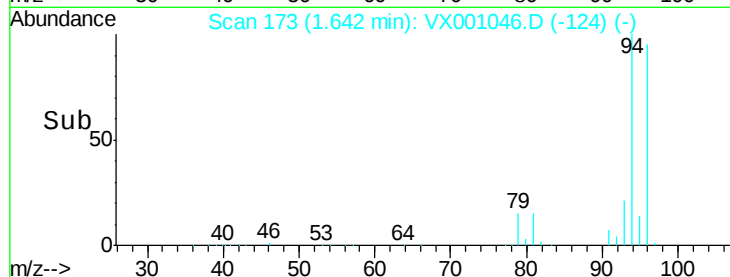
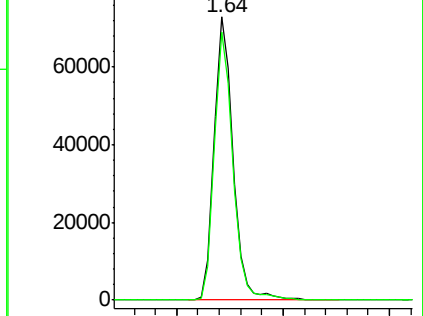
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.75 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX001046.D

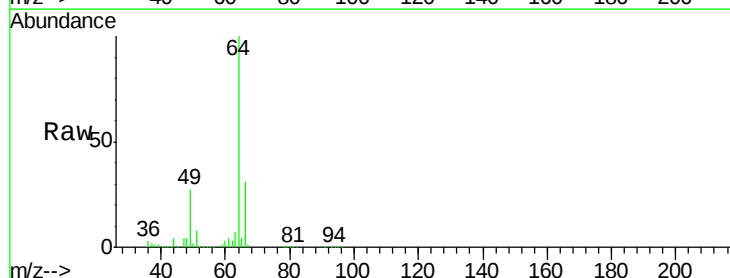
Acq: 21 Apr 2018 07:57

Tgt Ion: 64 Resp: 82959

Ion Ratio Lower Upper

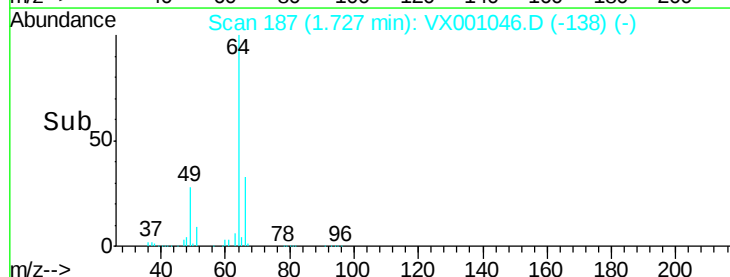
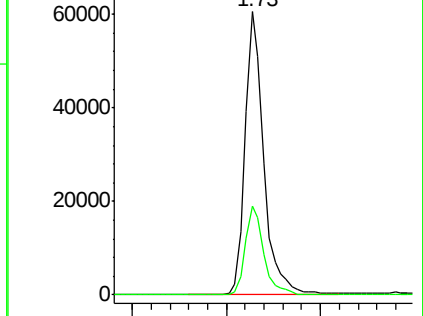
64 100

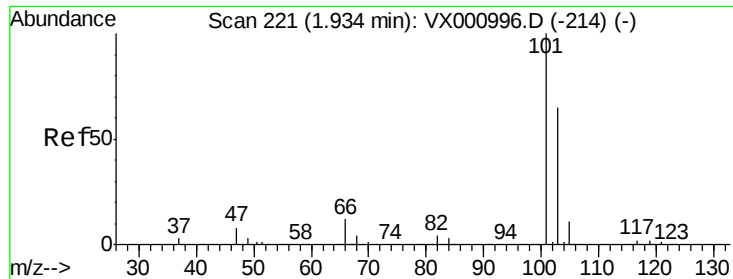
66 31.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

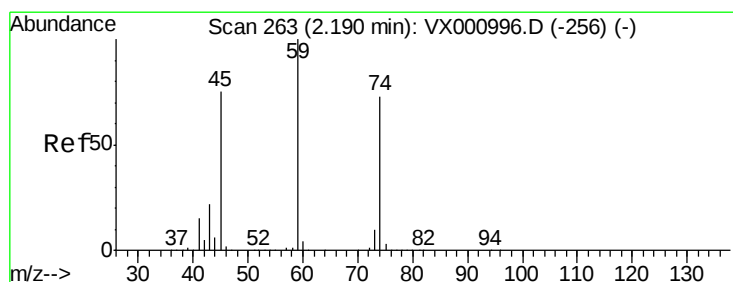
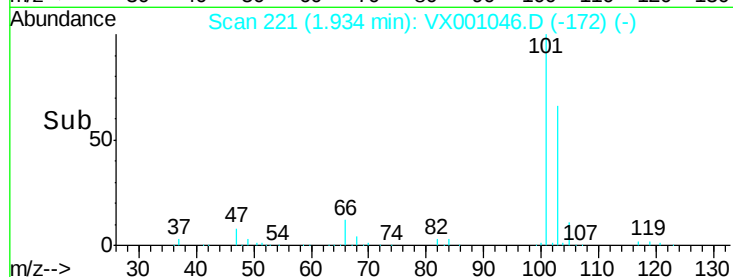
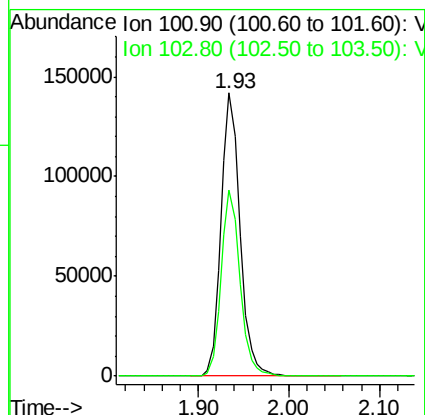
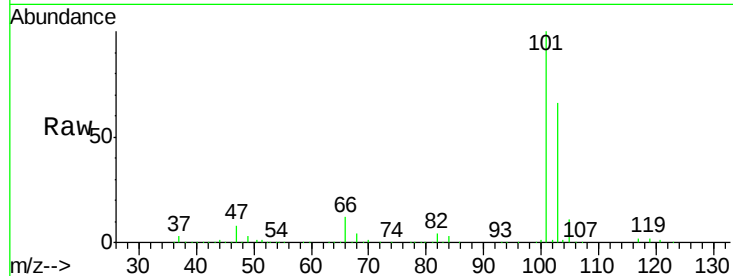
Trichlorofluoromethane
Concen: 51.44 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 101 Resp: 208530
Ion Ratio Lower Upper
101 100
103 65.8 51.8 77.8

Manual Integrations
APPROVED

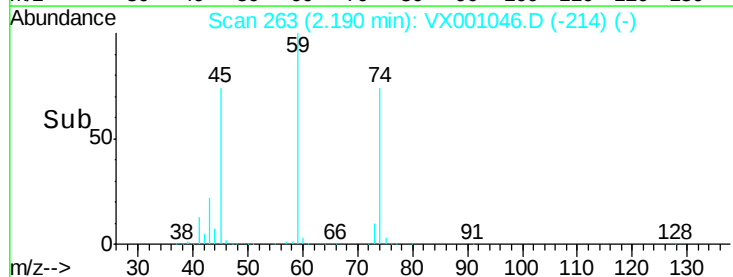
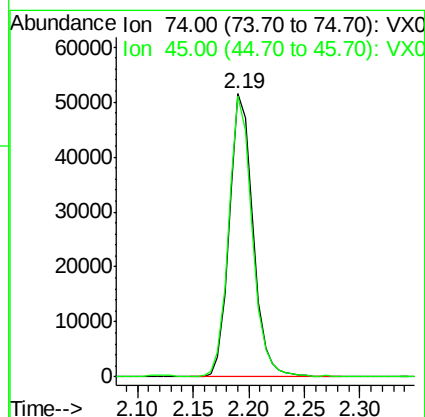
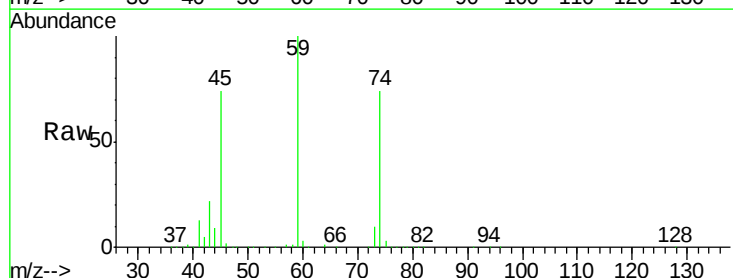
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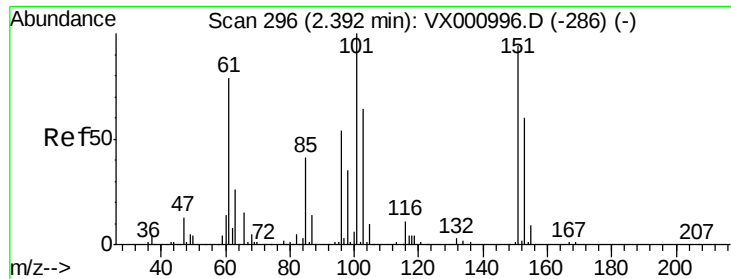


#8

Diethyl Ether
Concen: 50.52 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Tgt Ion: 74 Resp: 75633
Ion Ratio Lower Upper
74 100
45 97.8 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.85 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Instrument :

MSVOA_X

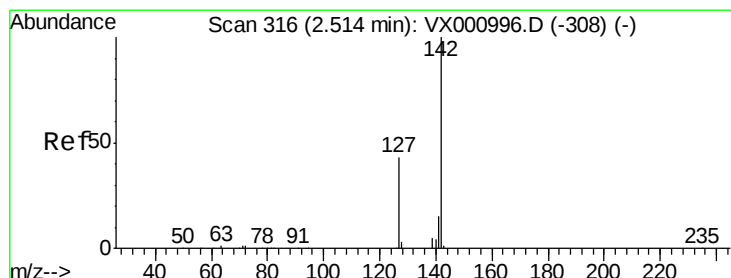
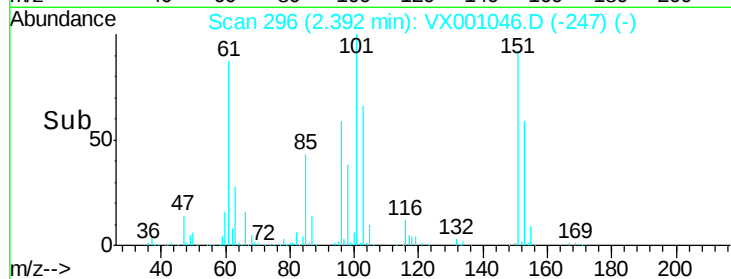
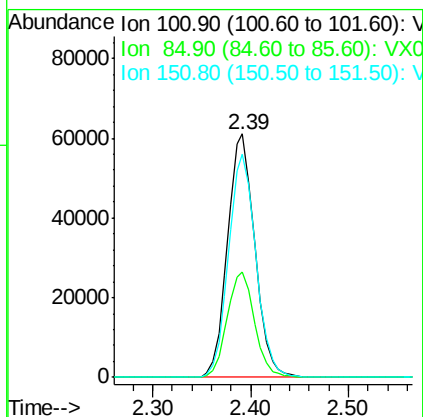
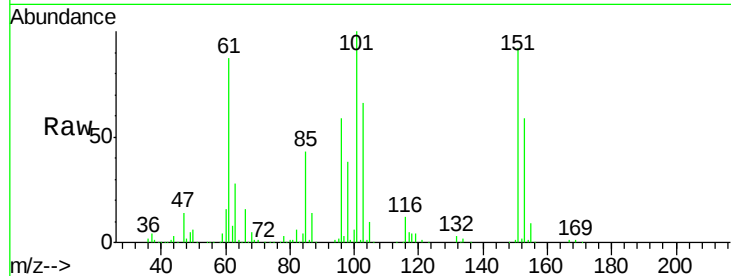
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	118391
Ion Ratio	Lower	Upper	
101	100		
85	43.4	33.9	50.9
151	91.7	73.5	110.3

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#10

Methyl Iodide

Concen: 46.86 ug/l

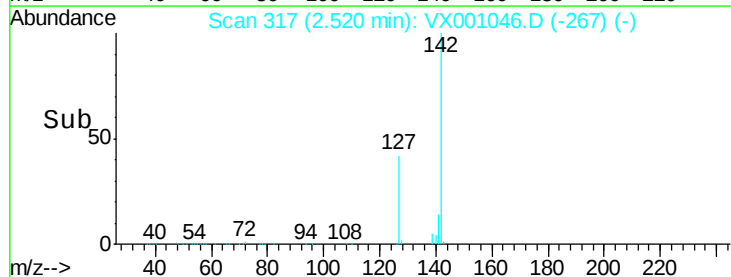
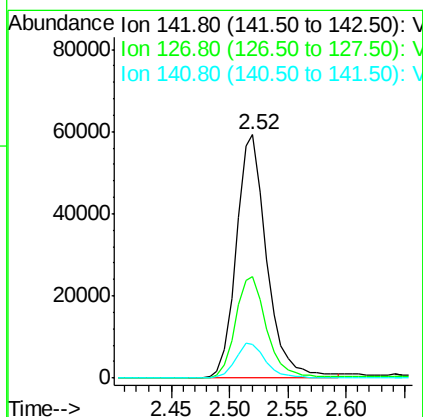
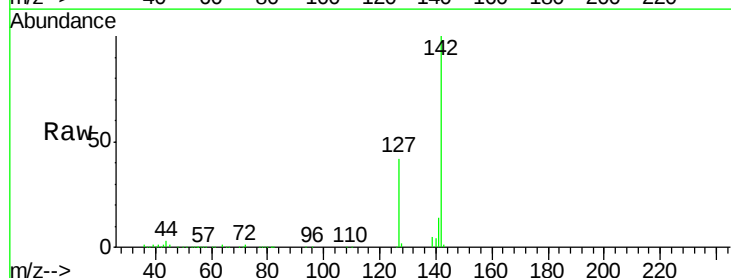
RT: 2.52 min Scan# 317

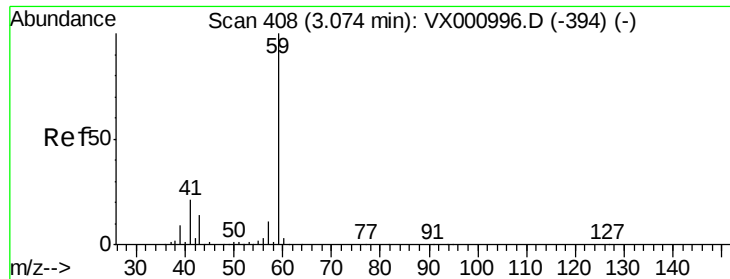
Delta R.T. 0.01 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Tgt Ion:	142	Resp:	108503
Ion Ratio	Lower	Upper	
142	100		
127	43.5	34.0	51.0
141	14.4	11.4	17.2





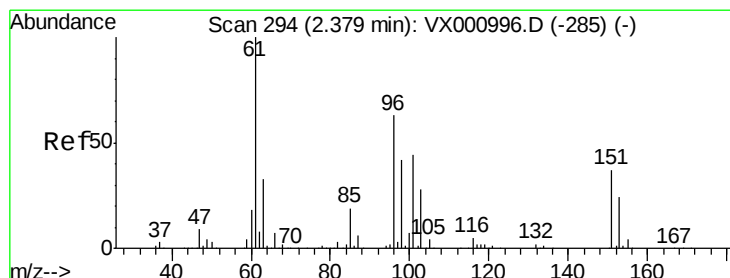
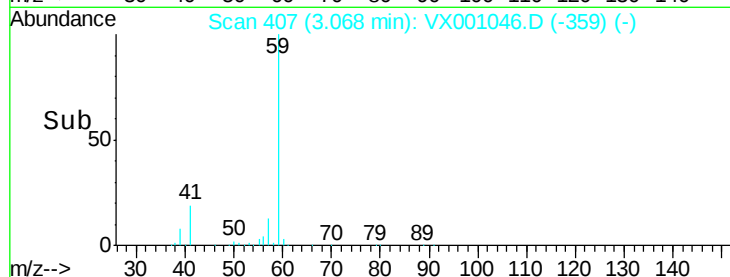
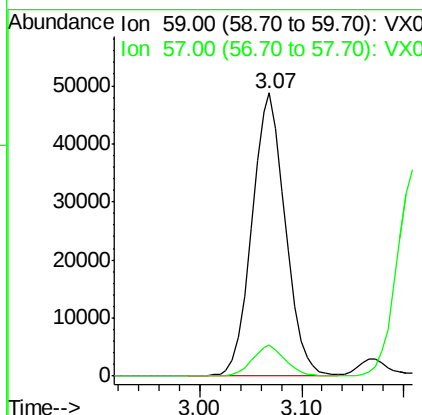
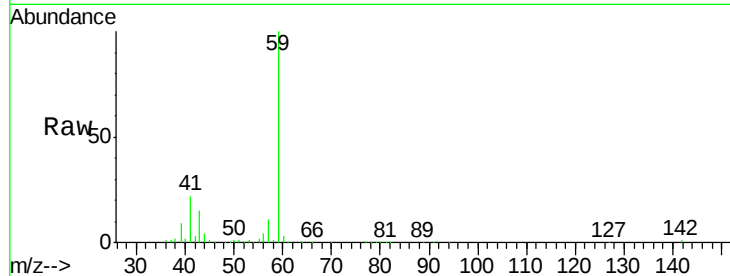
#11
Tert butyl alcohol
Concen: 256.97 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 110735
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

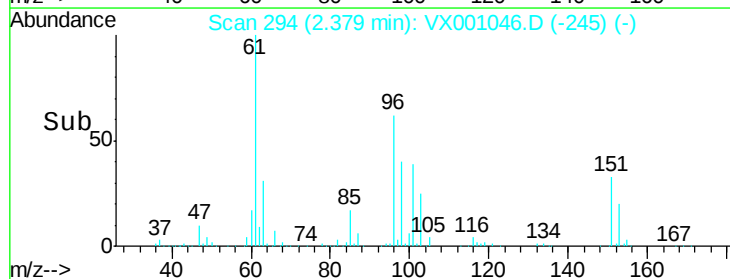
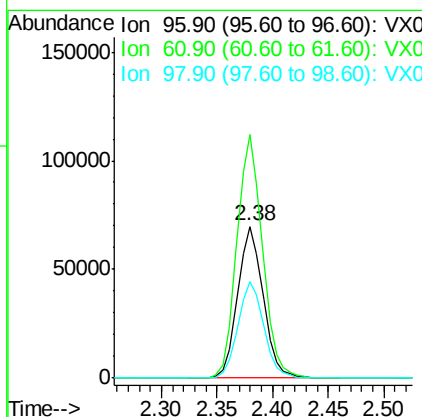
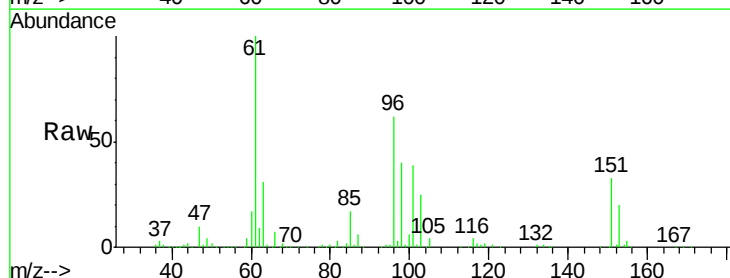
Manual Integrations
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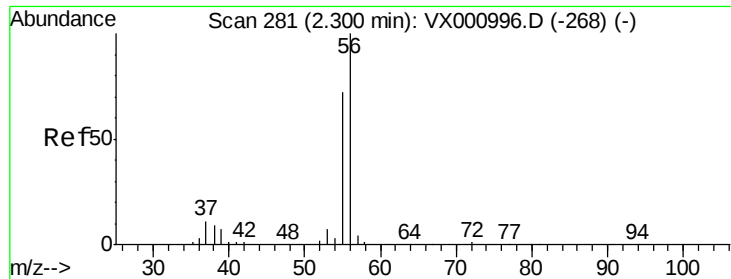
MMDadoda
4/23/2018 1:27:49 PM



#12
1,1-Dichloroethene
Concen: 50.51 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Tgt Ion: 96 Resp: 110926
Ion Ratio Lower Upper
96 100
61 160.2 126.4 189.6
98 63.6 52.6 78.8





#13

Acrolein

Concen: 271.22 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 36542

Ion Ratio Lower Upper

56 100

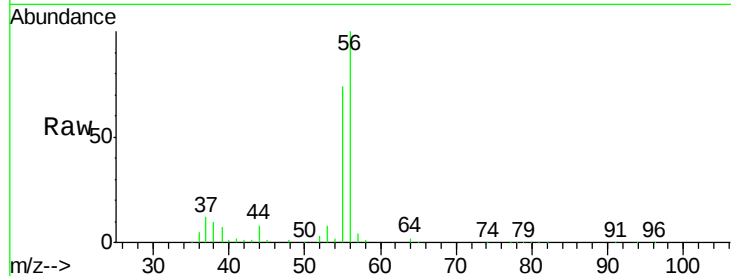
55 71.6 57.4 86.2

Manual Integrations

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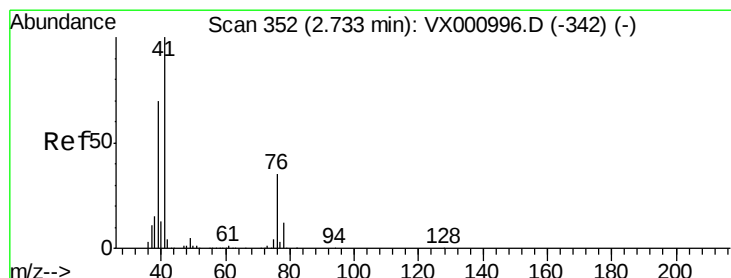
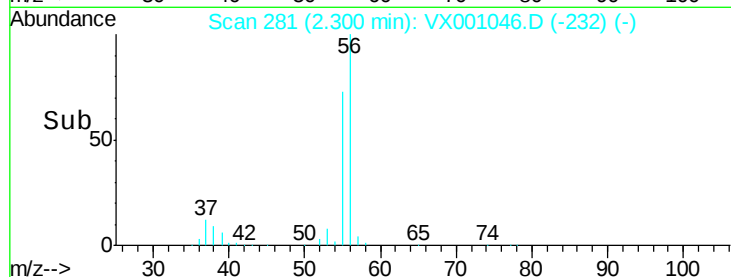
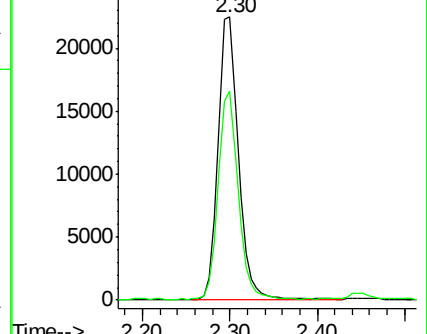
MMDadoda

4/23/2018 1:27:49 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.47 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

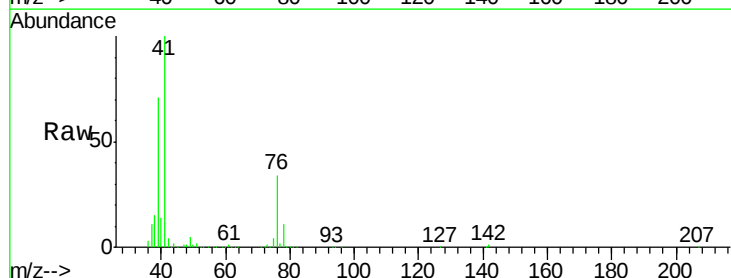
Tgt Ion: 41 Resp: 196640

Ion Ratio Lower Upper

41 100

39 67.4 53.0 79.6

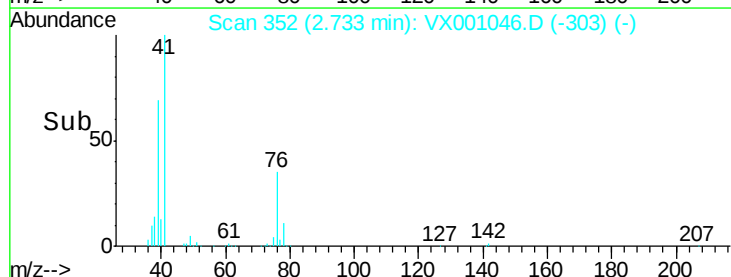
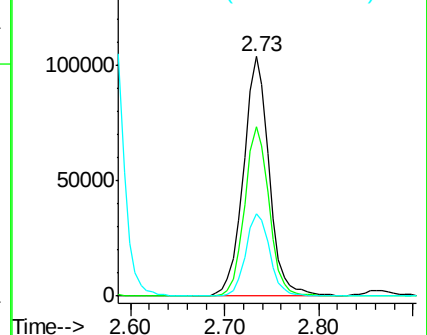
76 32.1 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 243.68 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Instrument :

MSVOA_X

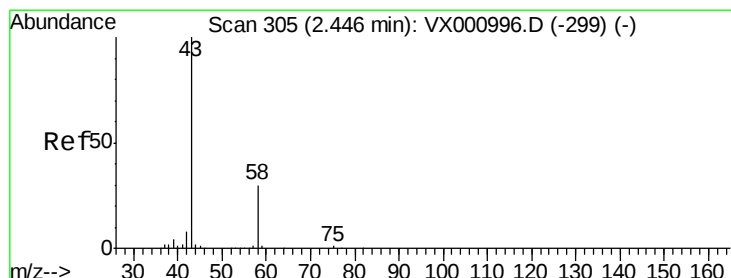
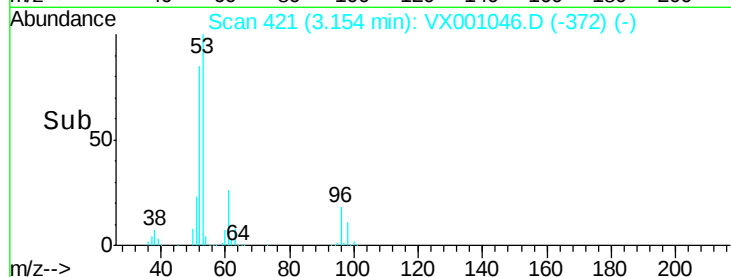
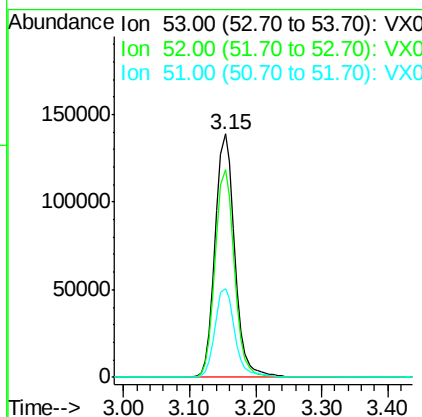
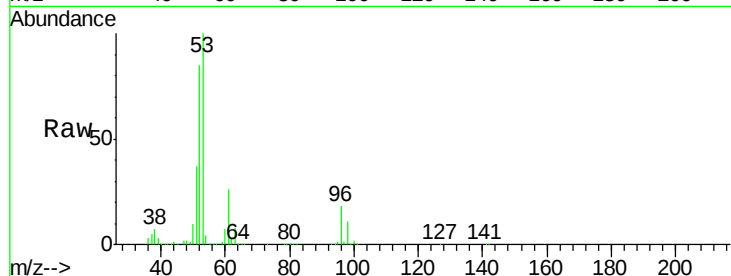
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	284189
Ion Ratio		Lower	Upper
53	100		
52	83.8	66.4	99.6
51	37.1	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 223.91 ug/l

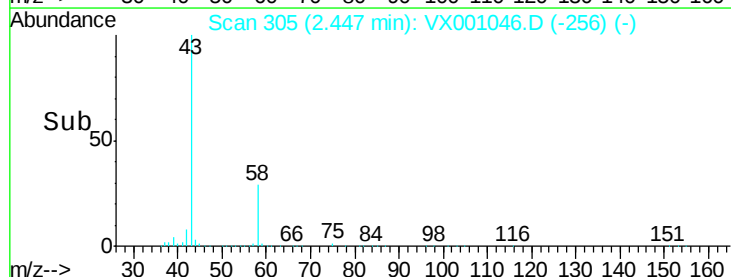
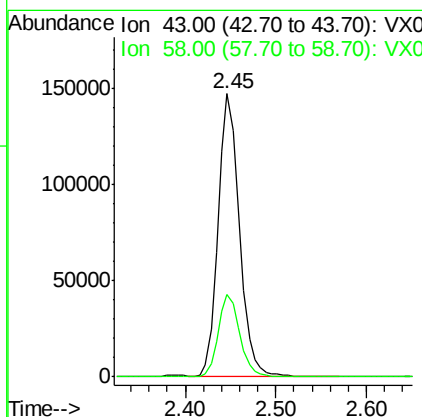
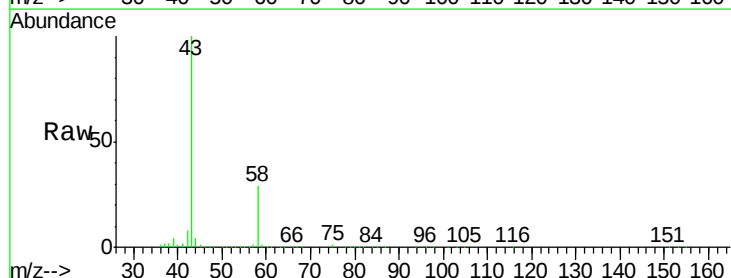
RT: 2.45 min Scan# 305

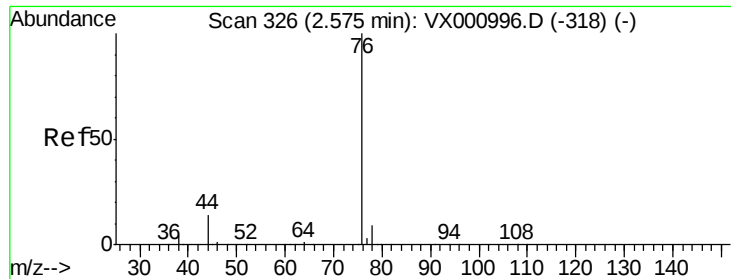
Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Tgt Ion:	43	Resp:	240918
Ion Ratio		Lower	Upper
43	100		
58	29.1	23.7	35.5





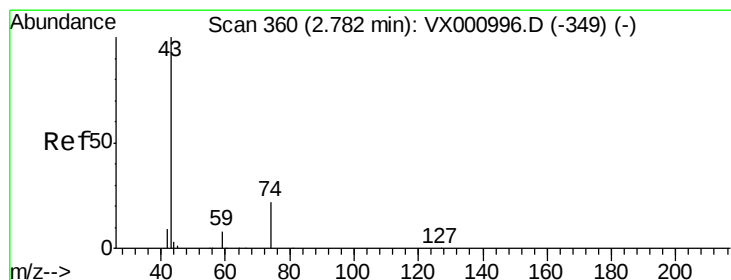
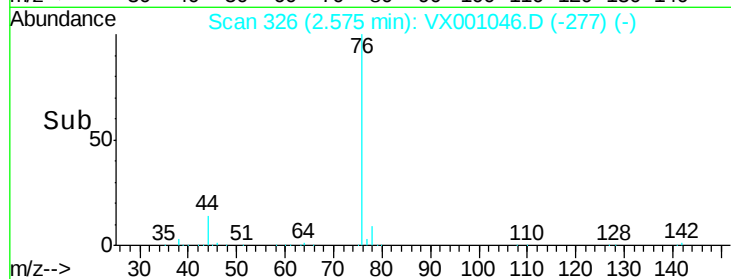
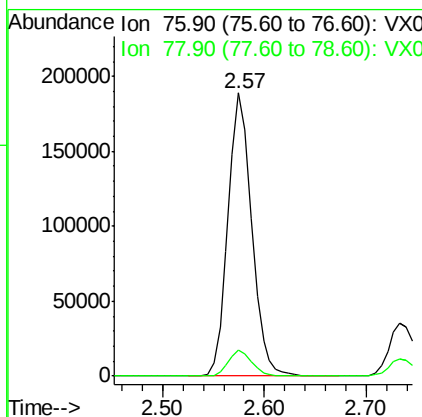
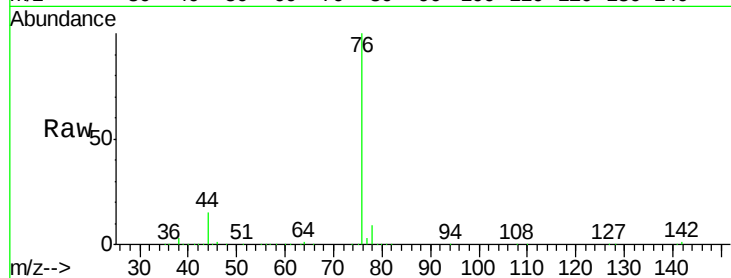
#17
Carbon Disulfide
Concen: 48.60 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

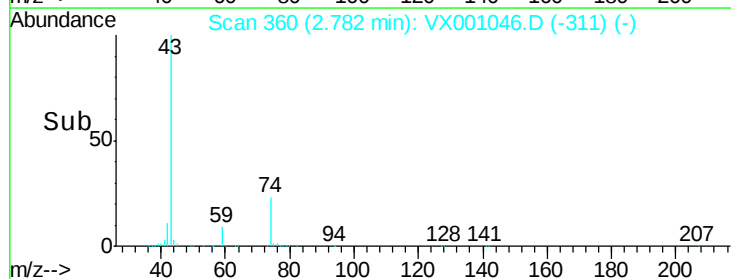
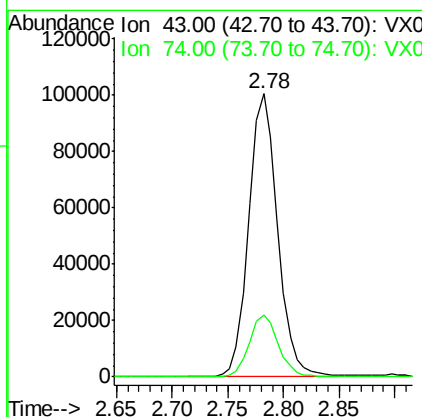
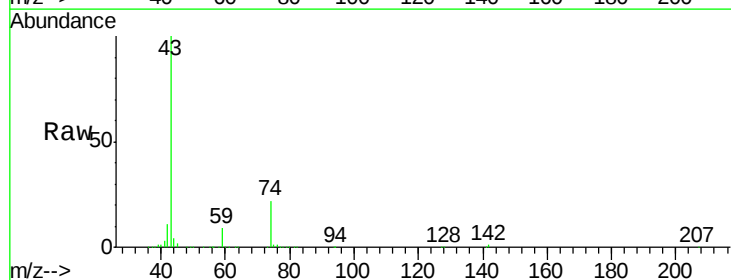
Manual Integrations
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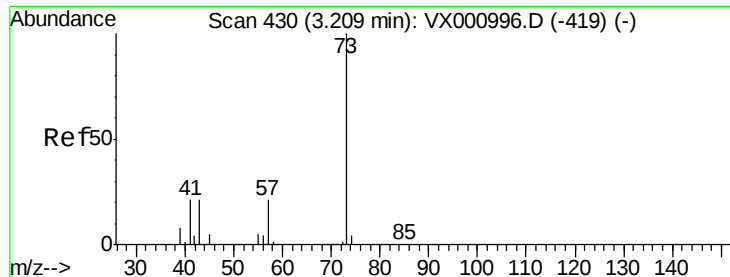
MMDadoda
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#18
Methyl Acetate
Concen: 55.47 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	18.3	27.5





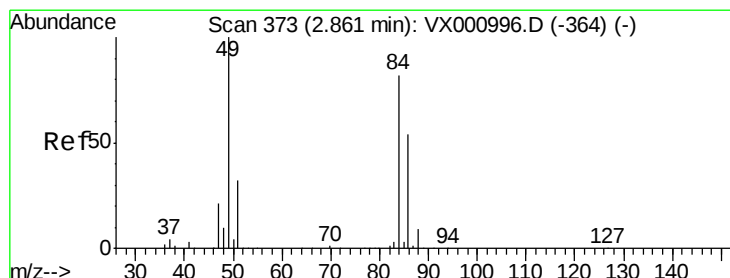
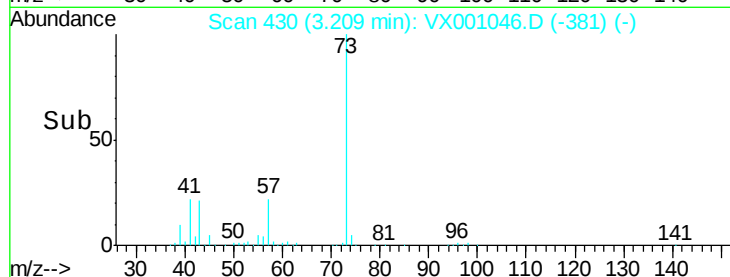
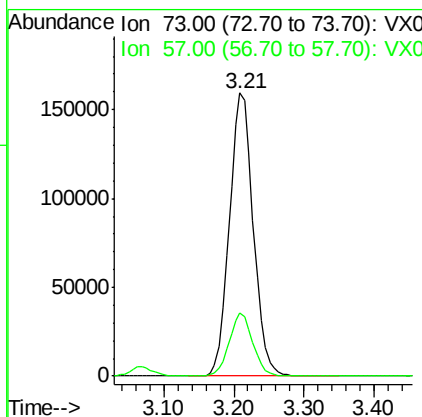
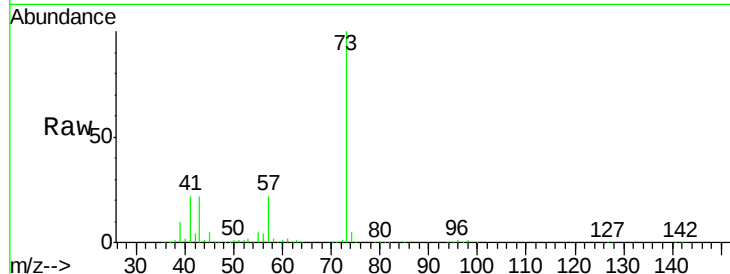
#19
Methyl tert-butyl Ether
Concen: 51.08 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.1	25.7

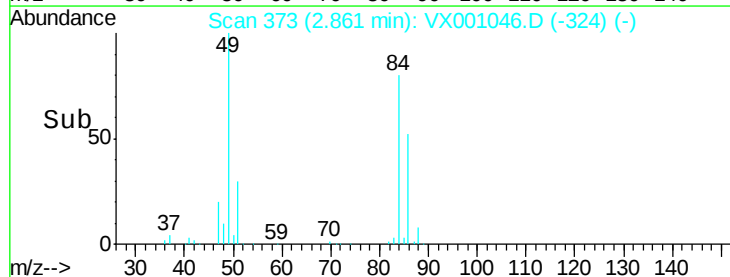
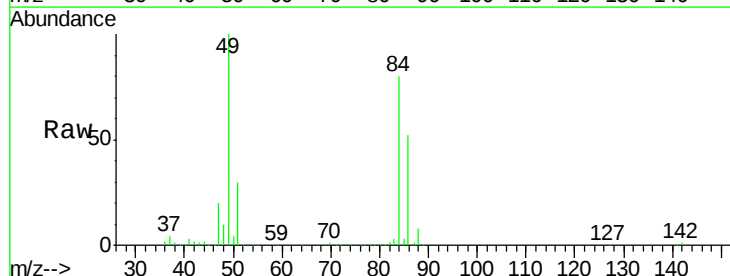
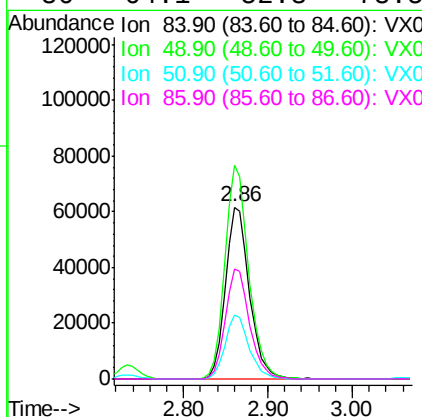
Manual Integrations
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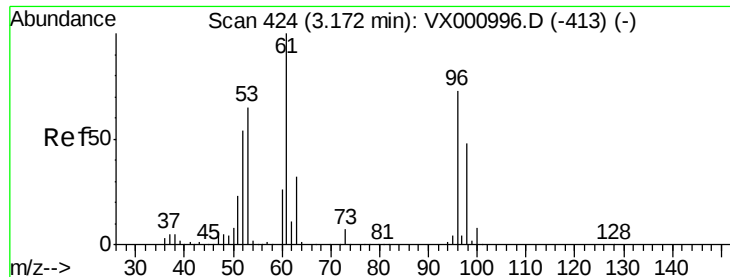
MMDadoda
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#20
Methylene Chloride
Concen: 53.04 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.4	97.1	145.7
51	37.3	30.8	46.2
86	64.1	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 49.37 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 120698

Ion Ratio Lower Upper

96 100

61 134.4 109.4 164.2

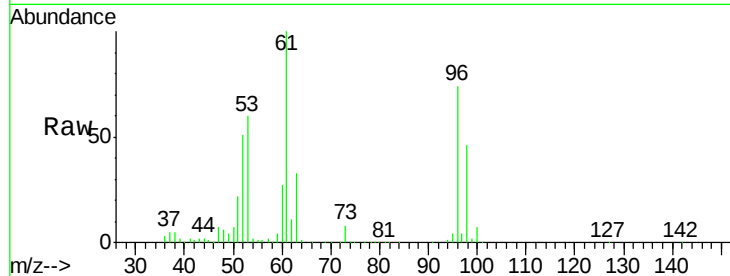
98 62.3 52.6 78.8

Manual Integrations

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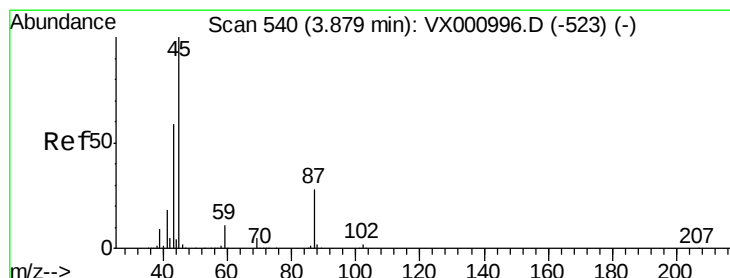
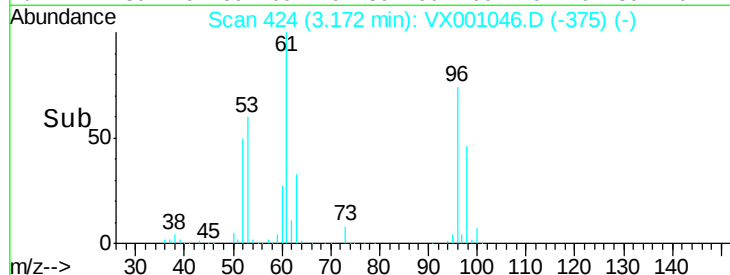
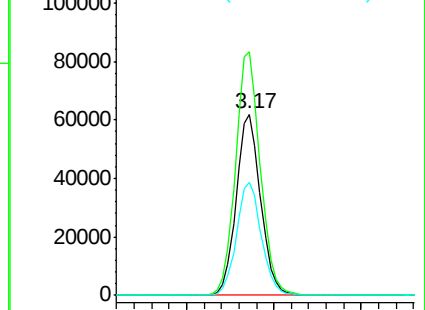
4/23/2018 1:27:49 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.89 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Tgt Ion: 45 Resp: 399203

Ion Ratio Lower Upper

45 100

43 58.2 47.0 70.4

87 27.0 22.5 33.7

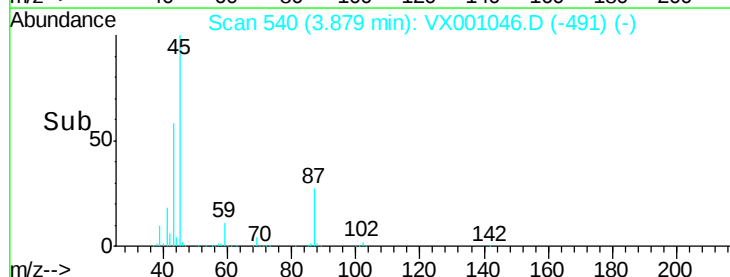
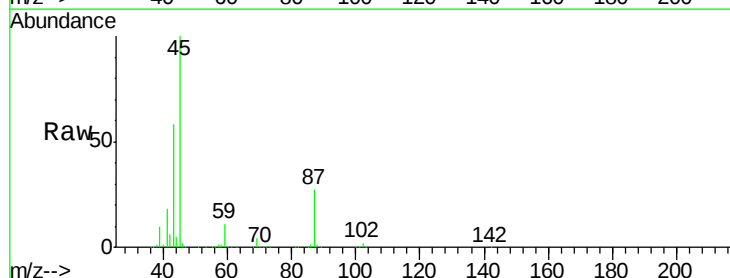
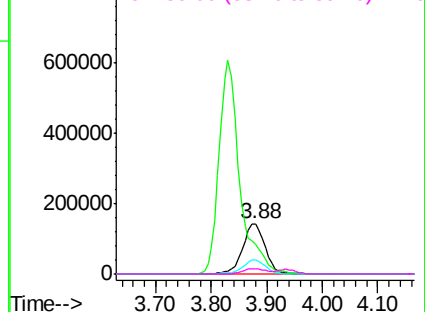
59 11.2 8.8 13.2

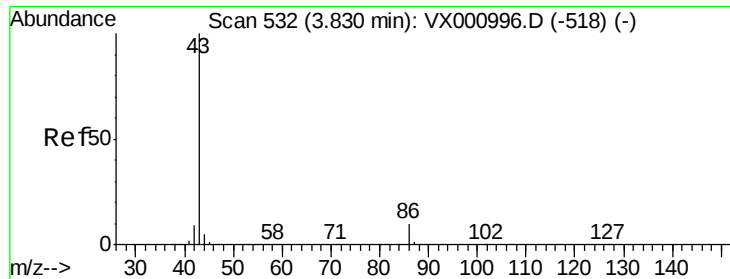
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 249.12 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1586820

Ion Ratio Lower Upper

43 100

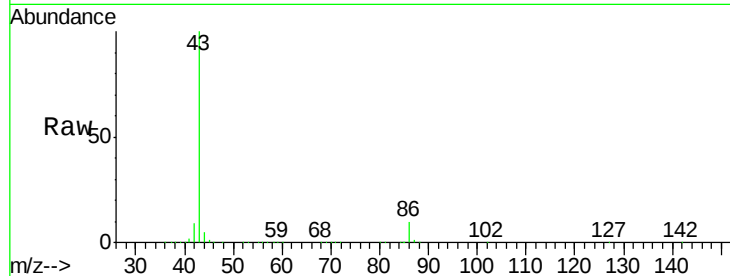
86 10.1 8.1 12.1

Manual Integrations

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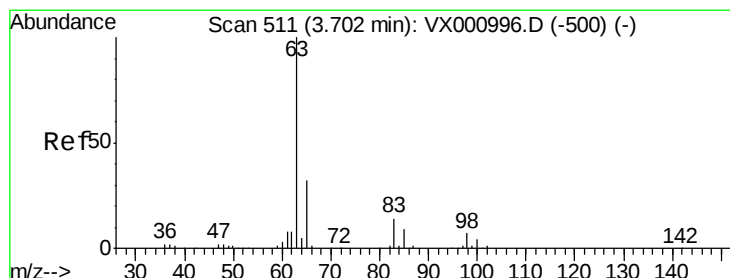
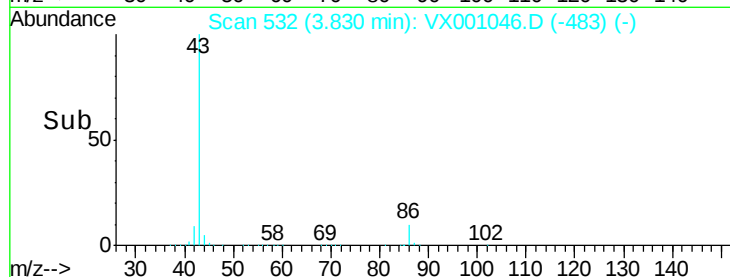
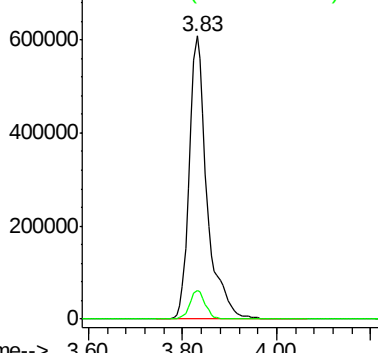
MMDadoda

4/23/2018 1:27:49 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.30 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

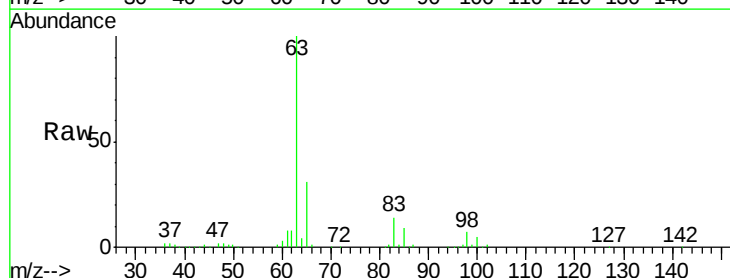
Tgt Ion: 63 Resp: 217062

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

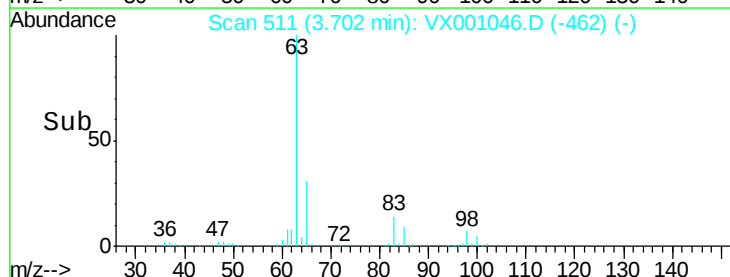
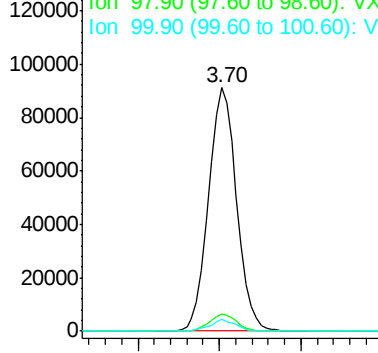
100 4.7 2.1 6.3

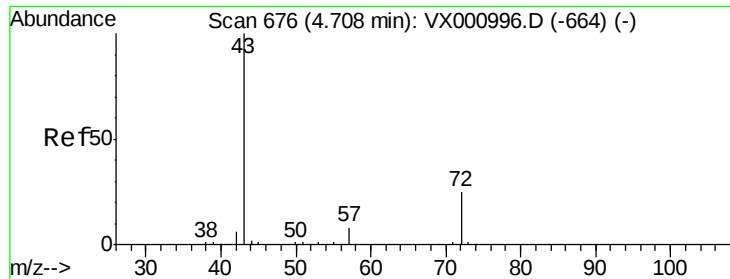


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 239.97 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 403055

Ion Ratio Lower Upper

43 100

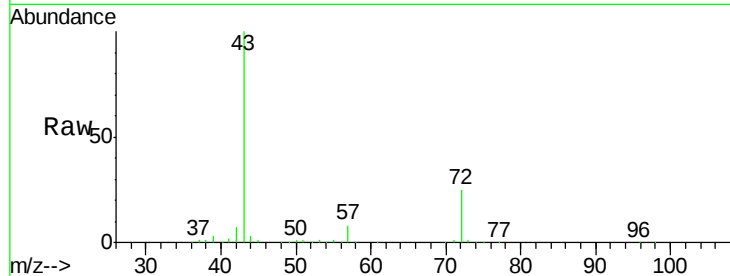
72 24.9 19.9 29.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

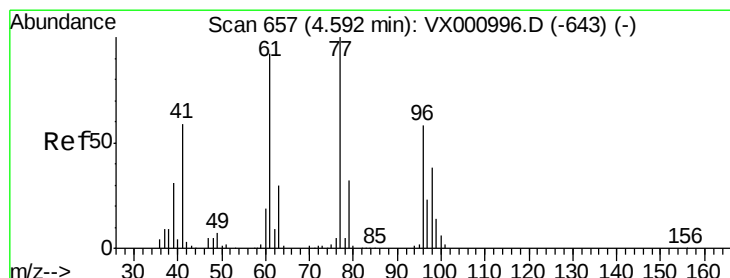
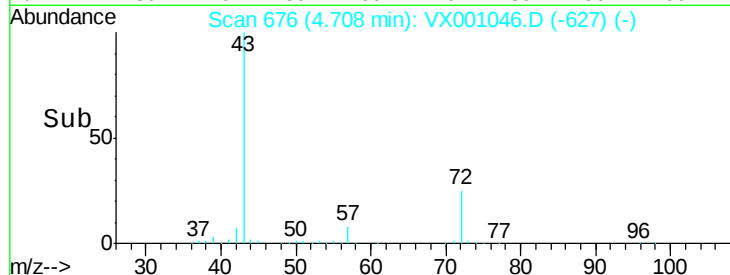
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 37.97 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001046.D

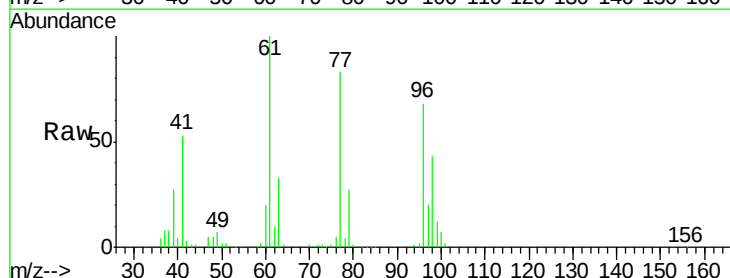
Acq: 21 Apr 2018 07:57

Tgt Ion: 77 Resp: 140976

Ion Ratio Lower Upper

77 100

97 24.3 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

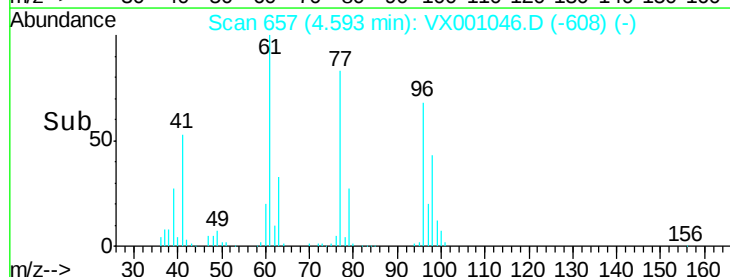
20000

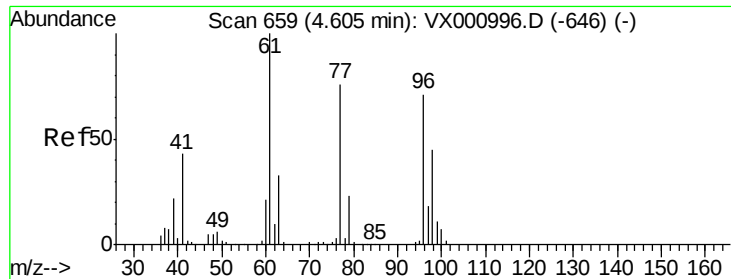
10000

0

4.50 4.60 4.70

Time-->





#27

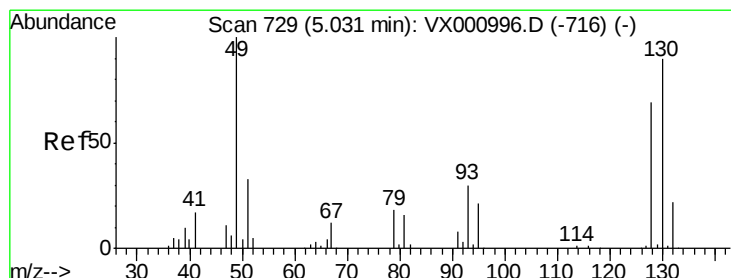
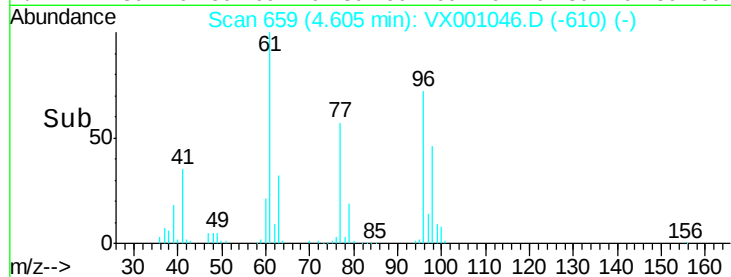
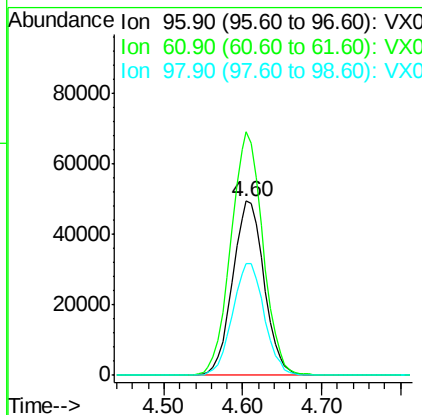
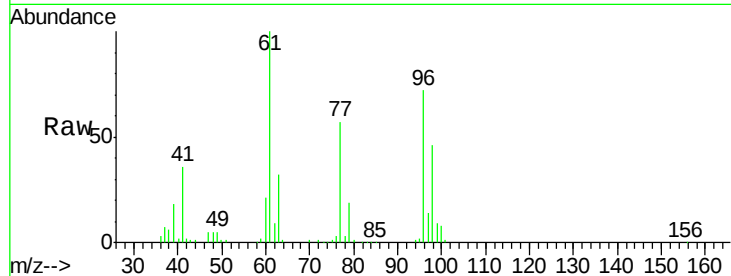
cis-1,2-Dichloroethene
Concen: 50.61 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	137827		
61	141.8	0.0	297.0	
98	64.7	0.0	130.0	

Manual Integrations
APPROVED

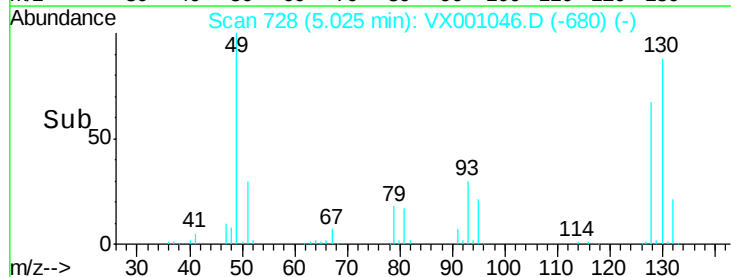
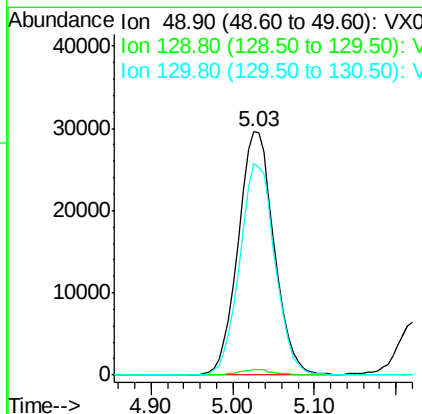
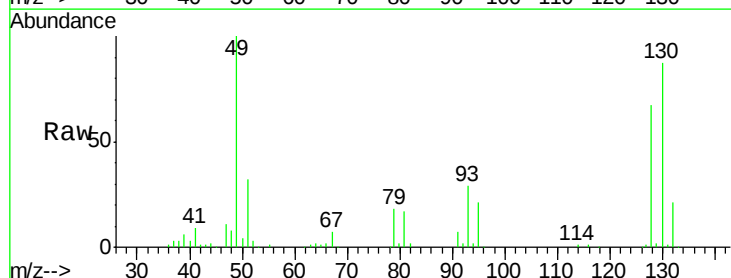
MMDadoda
4/23/2018 1:27:49 PM

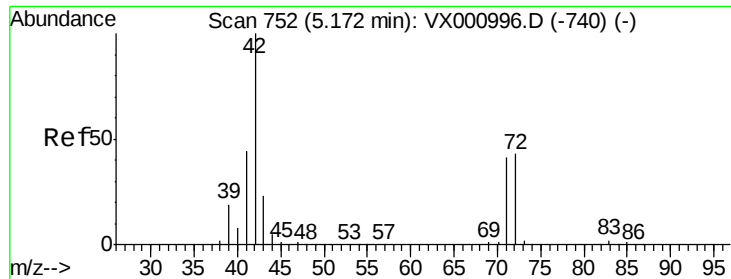


#28

Bromochloromethane
Concen: 54.48 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.01 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	90421		
129	2.2	0.0	4.8	
130	85.5	70.6	105.8	





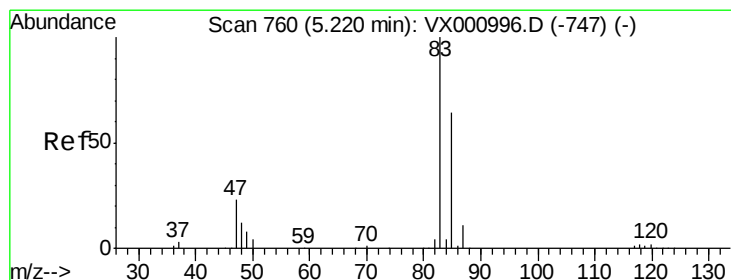
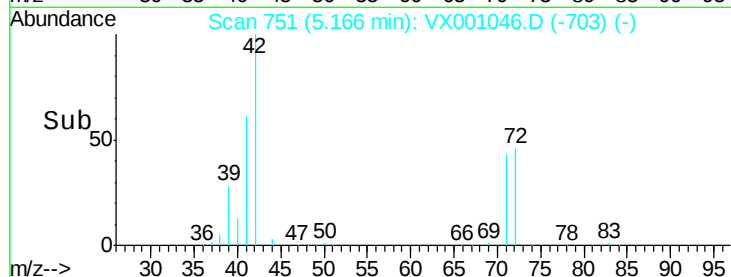
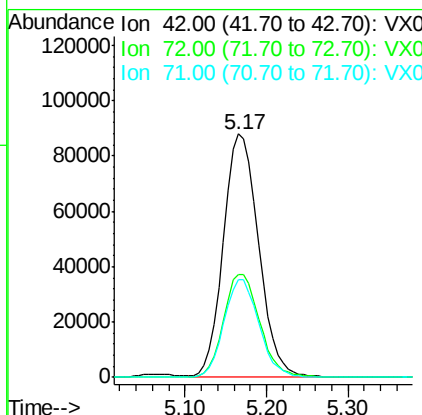
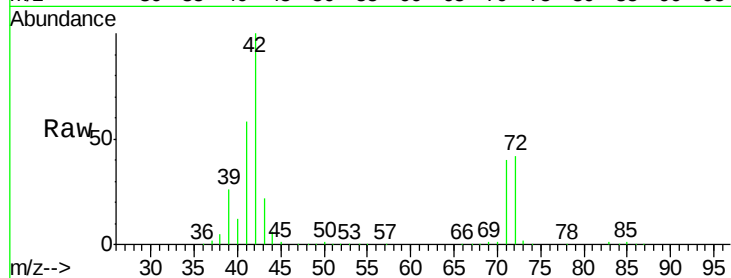
#29
Tetrahydrofuran
Concen: 247.32 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.6	52.0
71	40.0	32.6	49.0

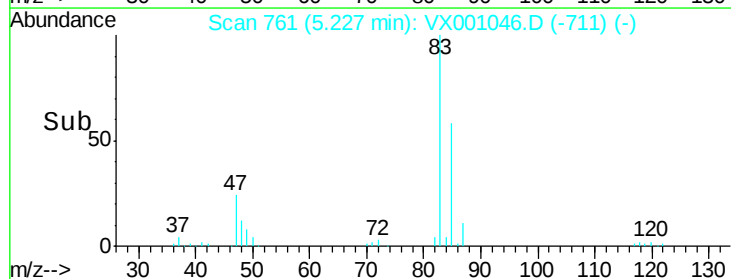
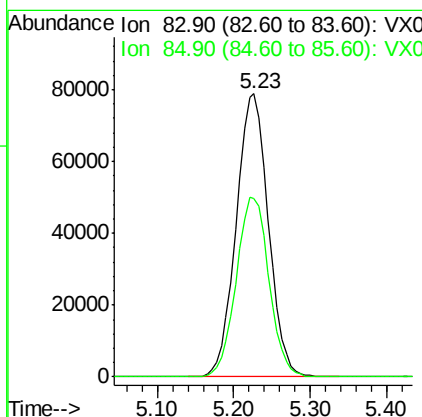
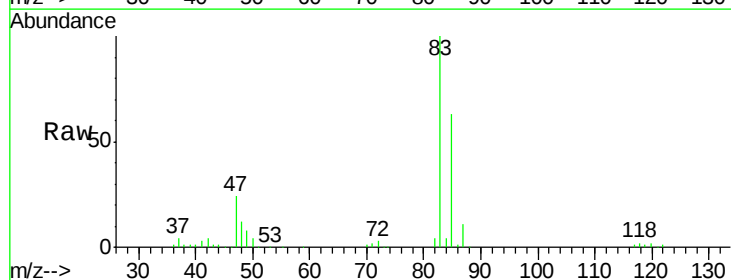
Manual Integrations
APPROVED

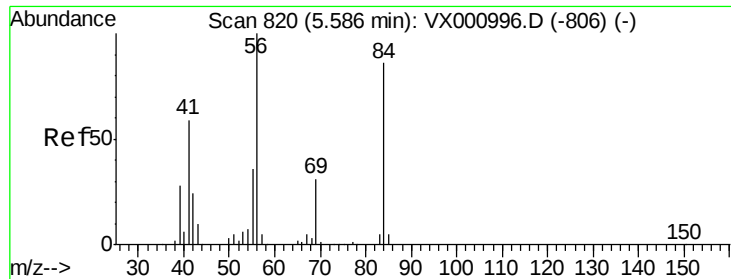
MMDadoda
4/23/2018 1:27:49 PM



#30
Chloroform
Concen: 51.50 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.3	76.9





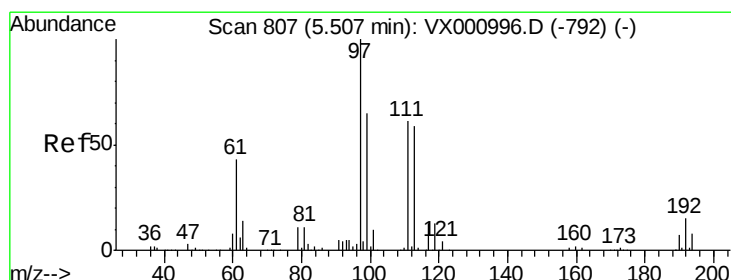
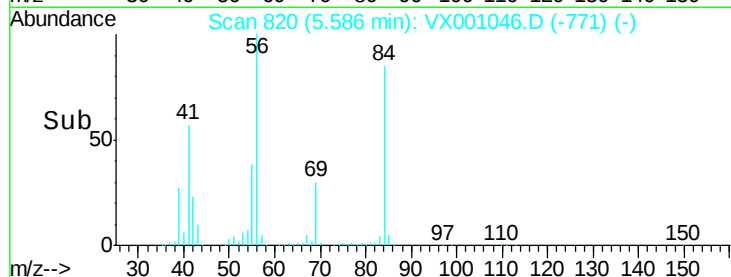
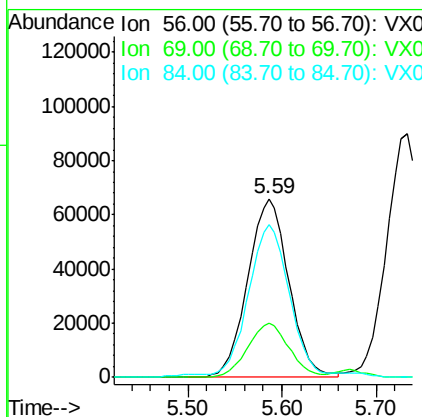
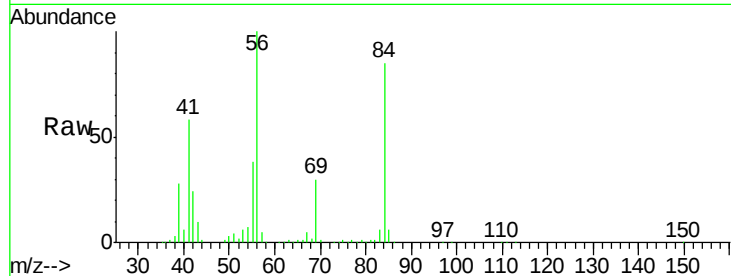
#31
Cyclohexane
Concen: 49.98 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.6	36.8
84	83.5	69.0	103.6

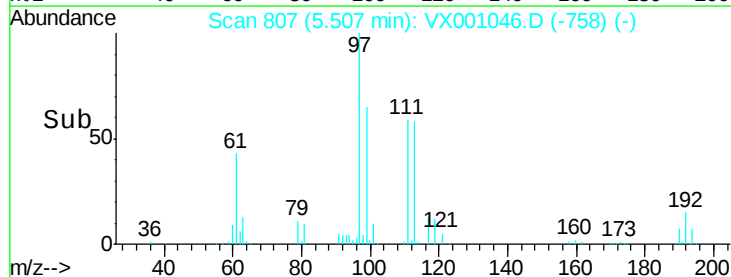
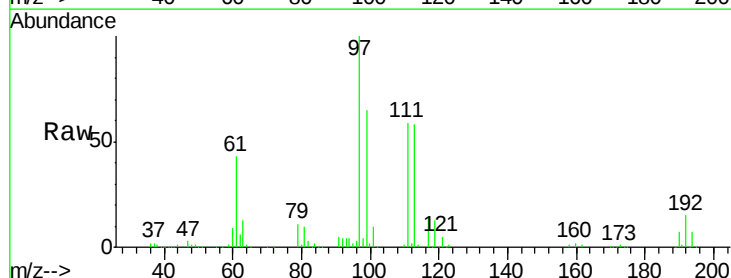
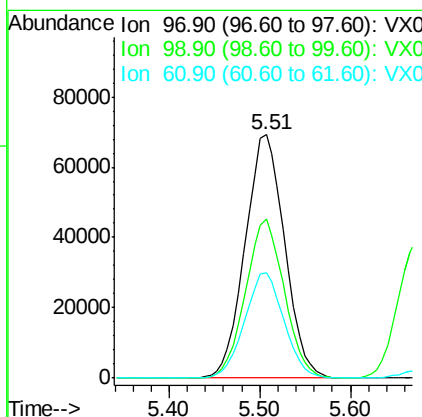
Manual Integrations
APPROVED

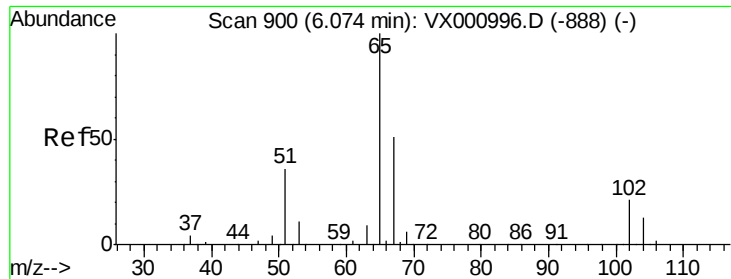
MMDadoda
4/23/2018 1:27:49 PM



#32
1,1,1-Trichloroethane
Concen: 52.16 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.1	76.7
61	43.1	34.4	51.6





#33

1,2-Dichloroethane-d4

Concen: 48.49 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 138565

Ion Ratio Lower Upper

65 100

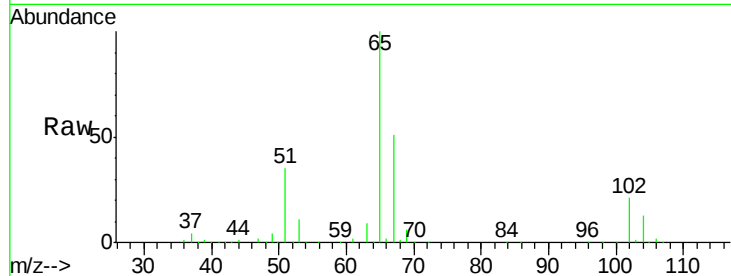
67 51.6 0.0 102.6

Manual Integrations

APPROVED

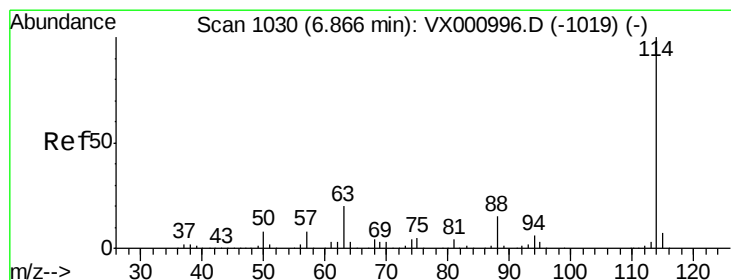
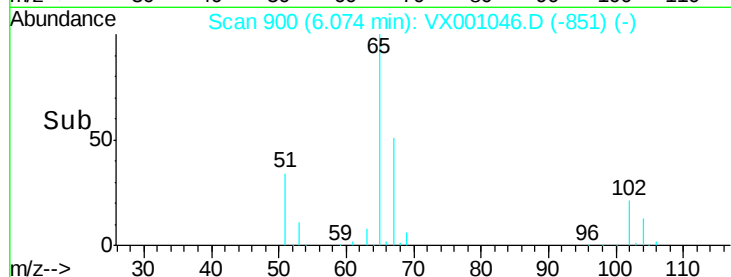
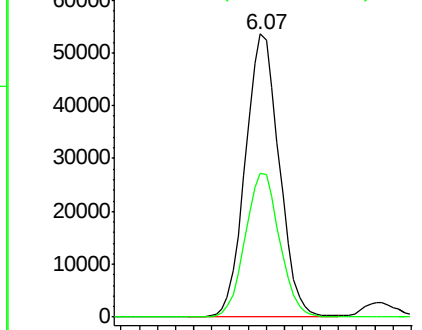
MMDadoda

4/23/2018 1:27:49 PM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

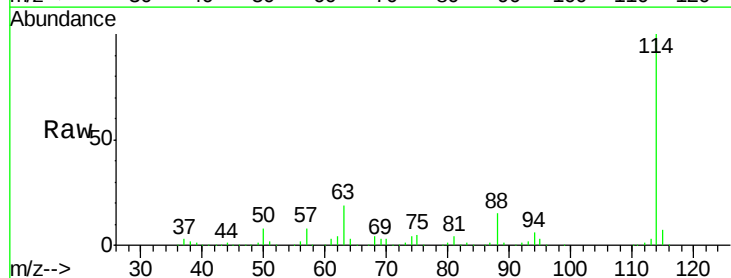
Tgt Ion: 114 Resp: 309549

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.4

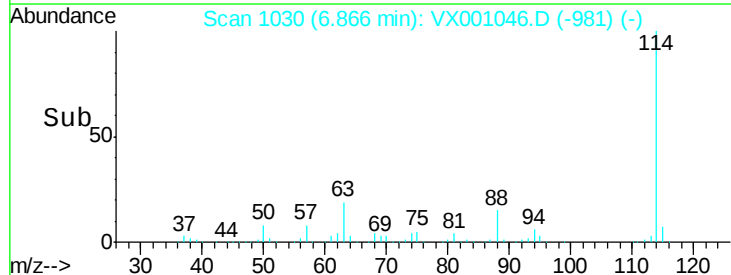
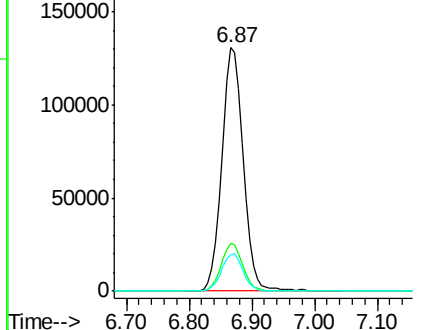
88 15.1 0.0 29.8

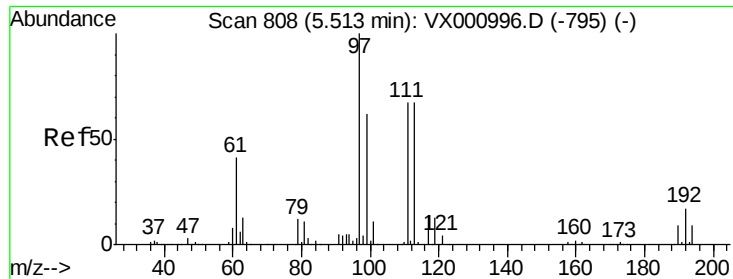


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





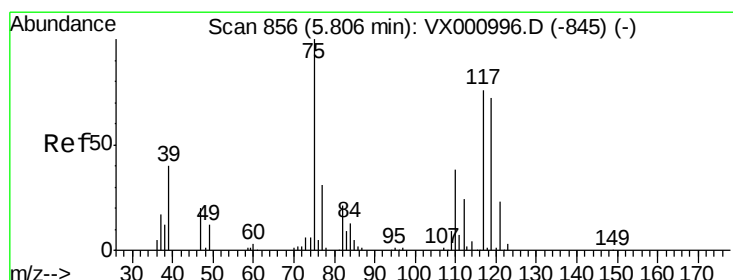
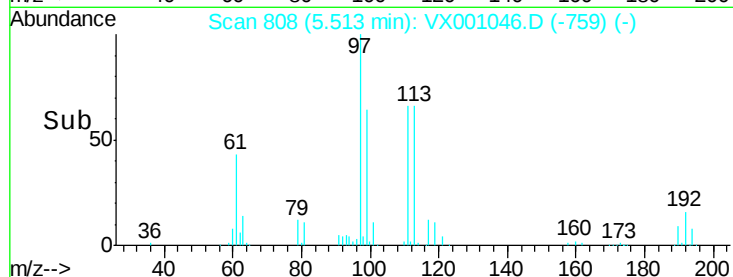
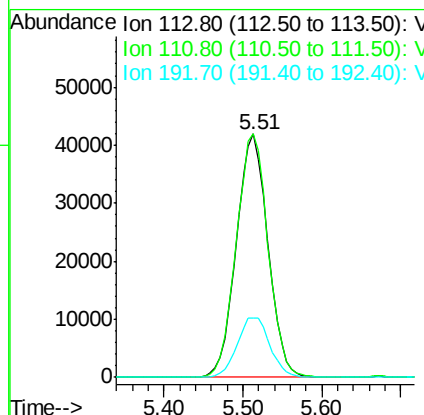
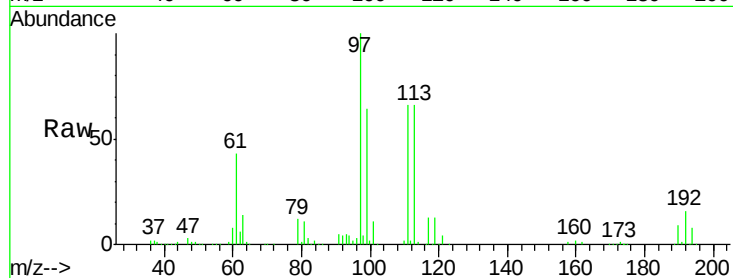
#35
 Dibromofluoromethane
 Concen: 49.47 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001046.D
 Acq: 21 Apr 2018 07:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	116778		
111	100.9	81.4	122.2	
192	25.5	20.4	30.6	

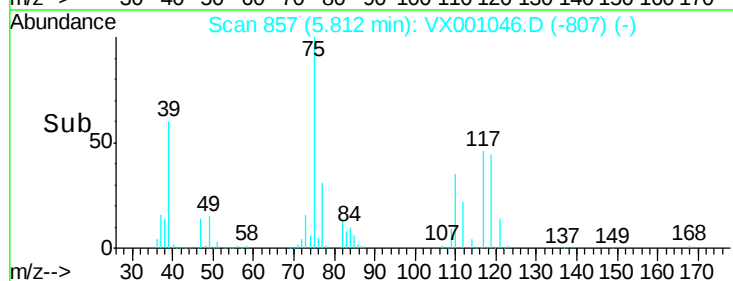
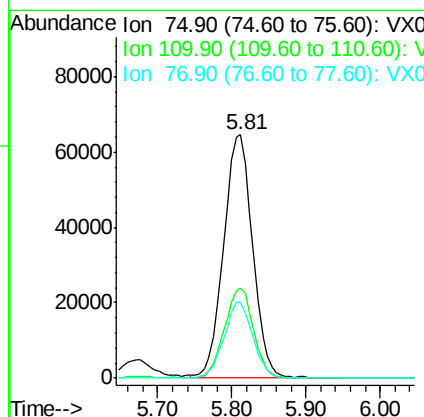
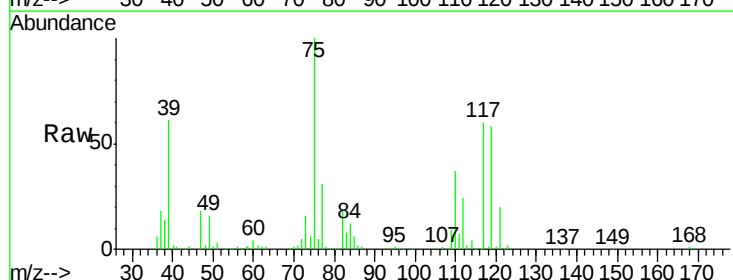
Manual Integrations
 APPROVED

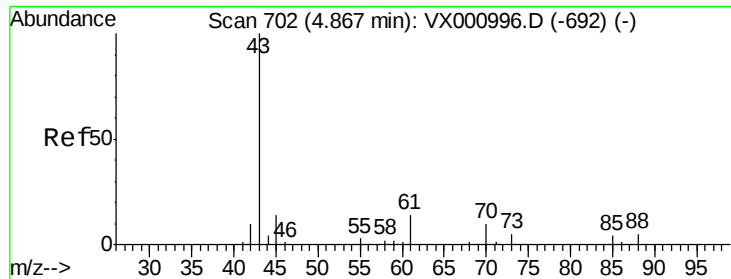
MMDadoda
 4/23/2018 1:27:49 PM



#36
 1,1-Dichloropropene
 Concen: 48.11 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.01 min
 Lab File: VX001046.D
 Acq: 21 Apr 2018 07:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	175021		
110	37.0	18.7	56.1	
77	30.9	25.0	37.4	





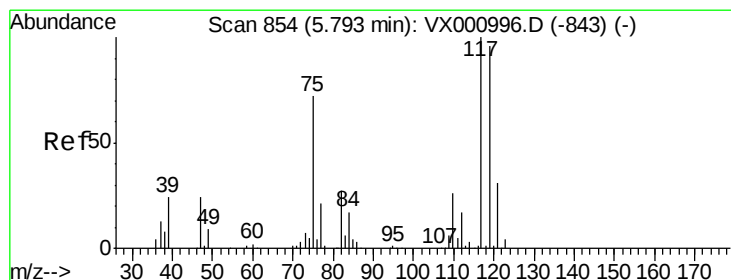
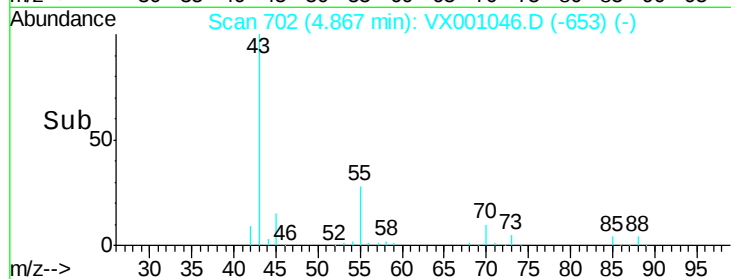
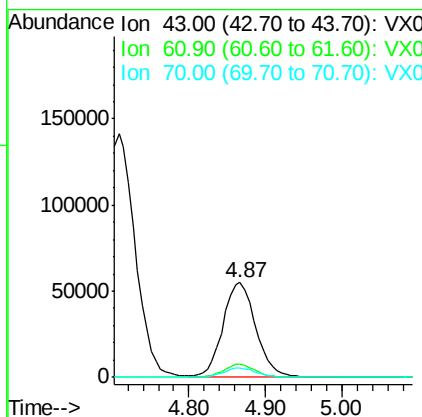
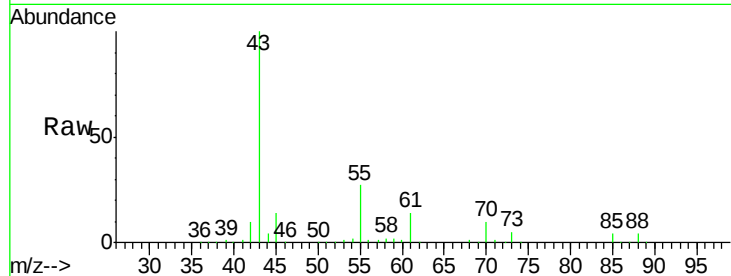
#37
Ethyl Acetate
Concen: 48.68 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.7	16.1
70	10.0	8.3	12.5

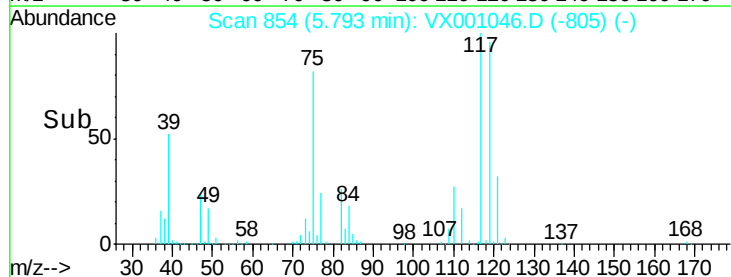
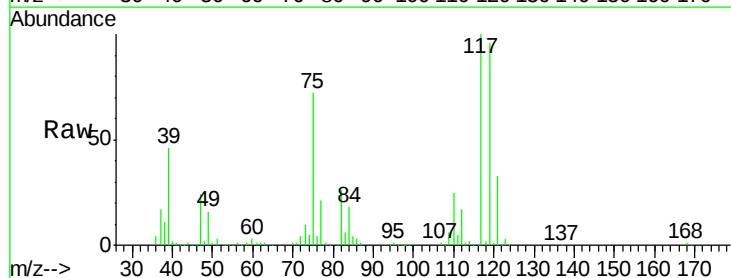
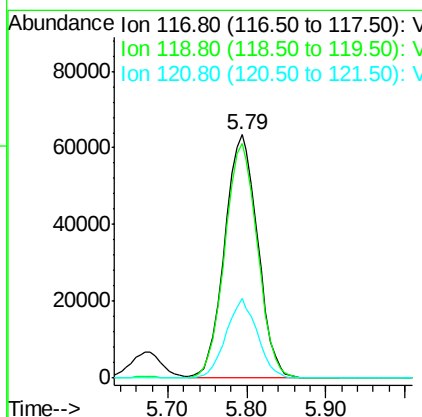
Manual Integrations
APPROVED

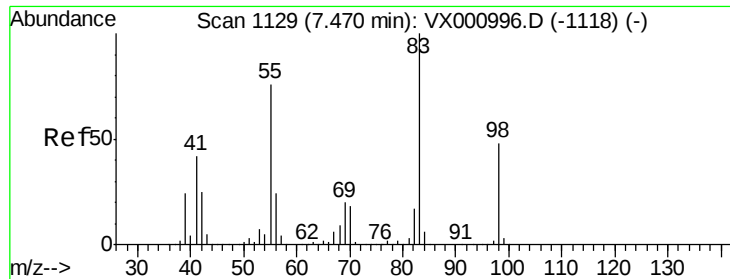
MMDadoda
4/23/2018 1:27:49 PM



#38
Carbon Tetrachloride
Concen: 50.15 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.5	114.7
121	32.6	24.5	36.7





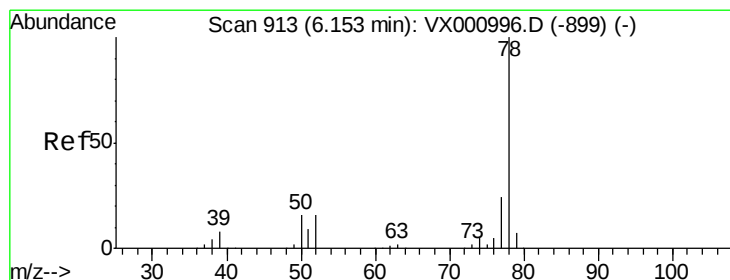
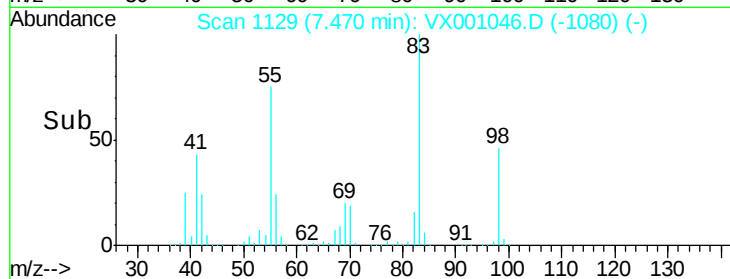
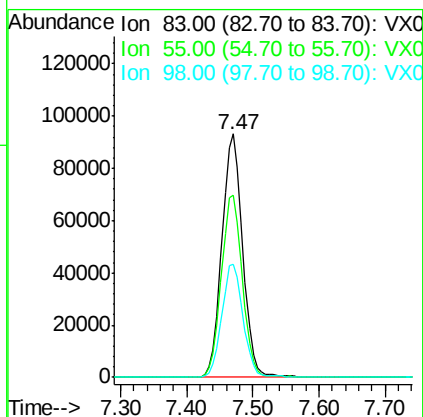
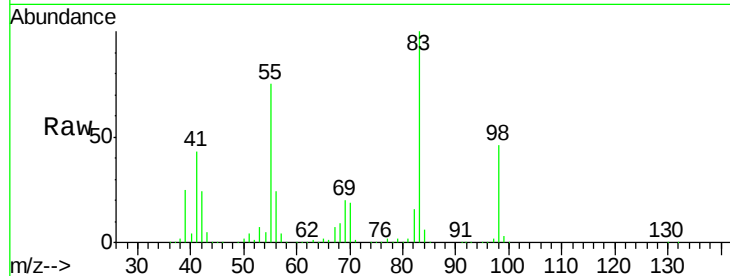
#39
Methylcyclohexane
Concen: 48.01 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	203290		
55	74.7	60.6	91.0	
98	46.4	38.2	57.4	

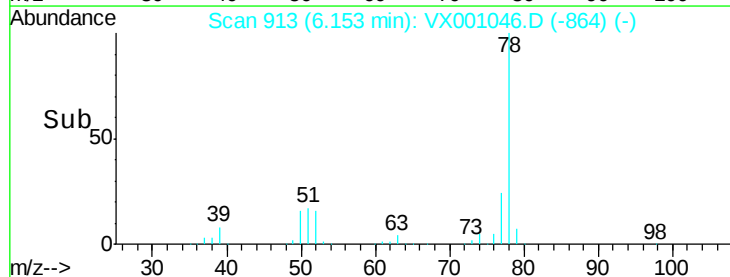
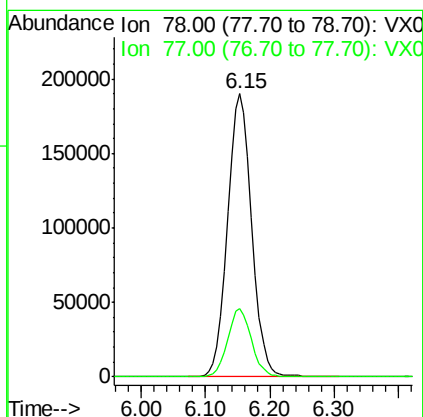
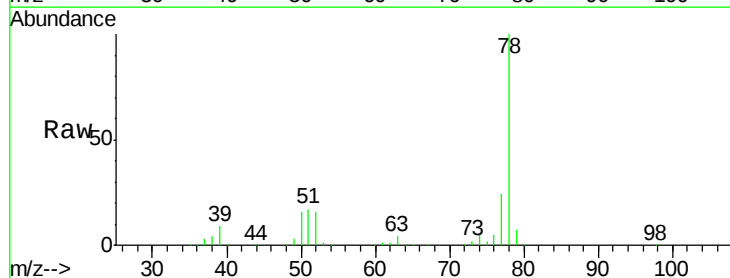
Manual Integrations
APPROVED

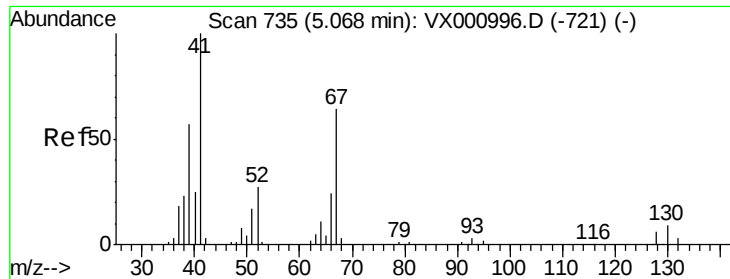
MMDadoda
4/23/2018 1:27:49 PM



#40
Benzene
Concen: 49.49 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	500518		
77	24.4	18.9	28.3	





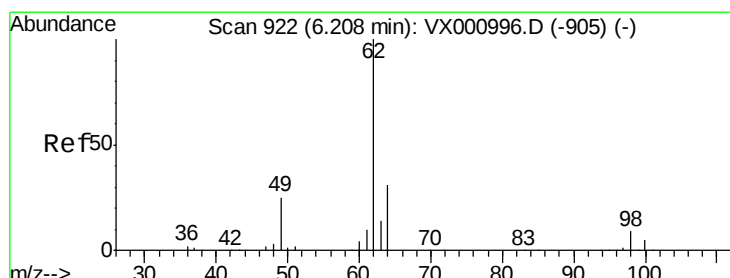
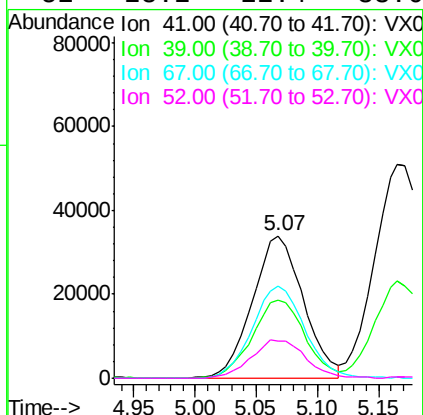
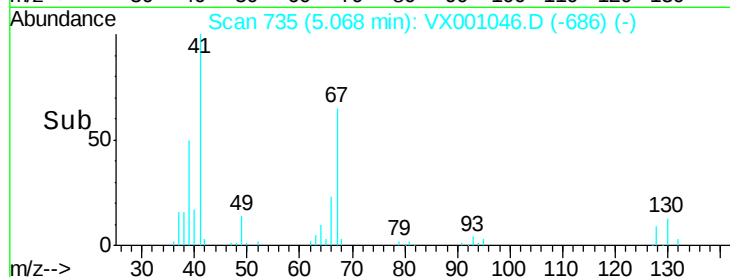
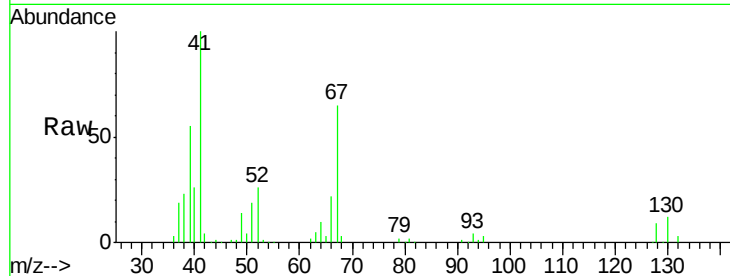
#41
Methacrylonitrile
Concen: 47.06 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.9	45.2	67.8	
67	67.0	53.8	80.8	
52	28.2	22.4	33.6	

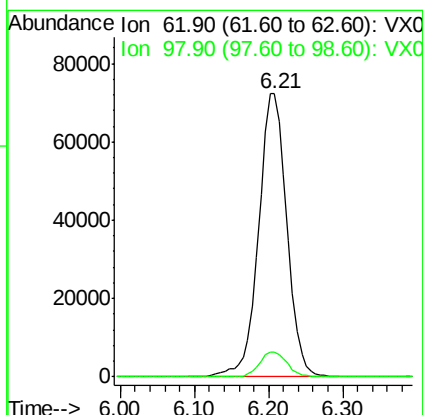
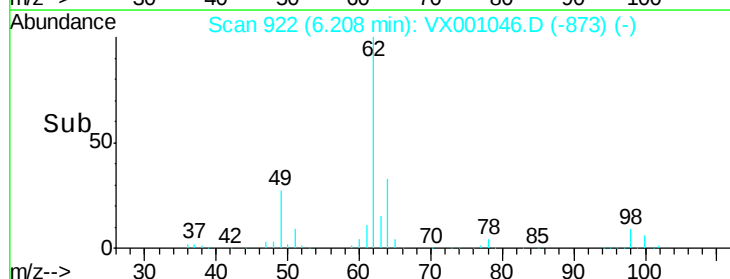
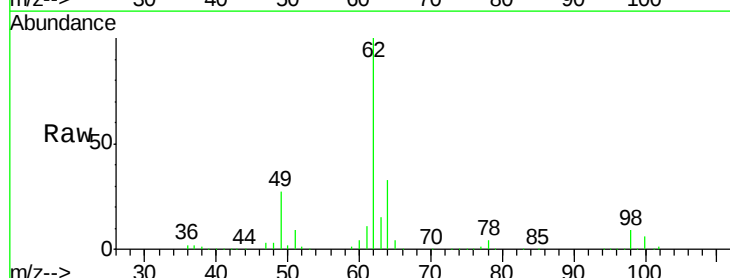
Manual Integrations
APPROVED

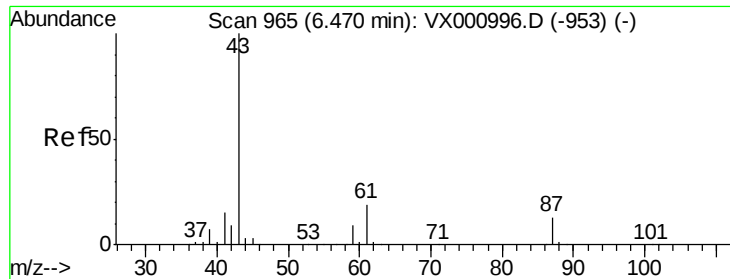
MMDadoda
4/23/2018 1:27:49 PM



#42
1,2-Dichloroethane
Concen: 49.36 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	17.6	





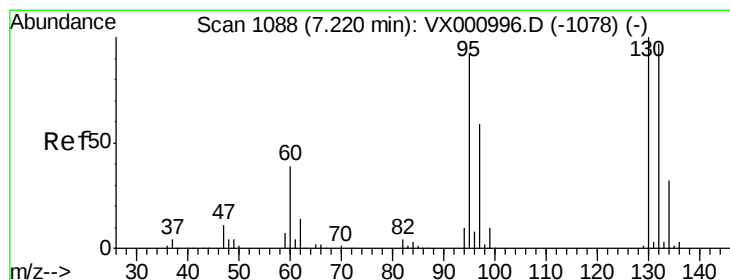
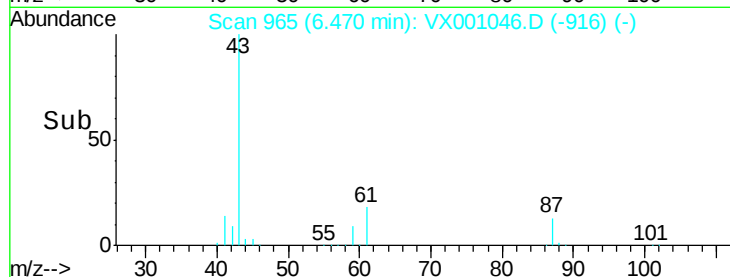
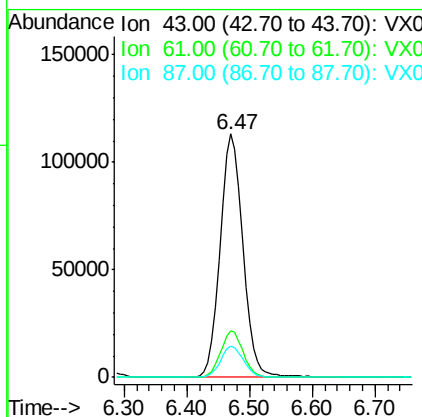
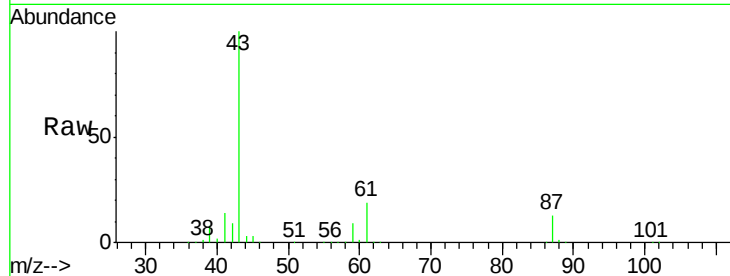
#43
Isopropyl Acetate
Concen: 49.54 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.4	23.2
87	12.9	10.6	15.8

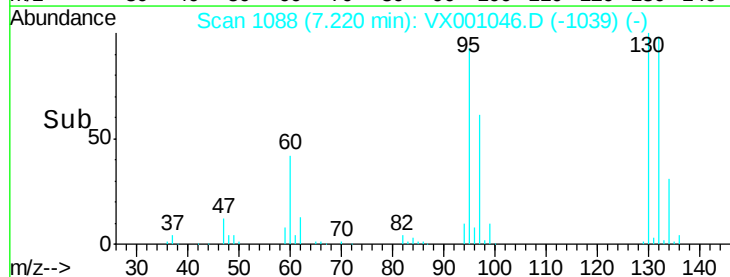
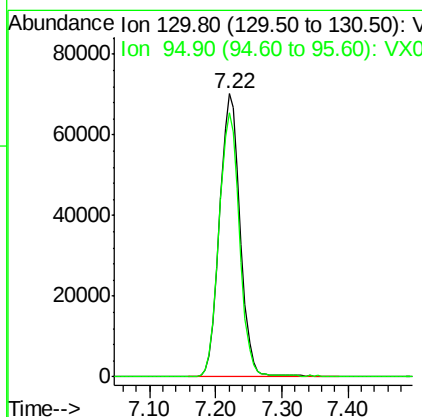
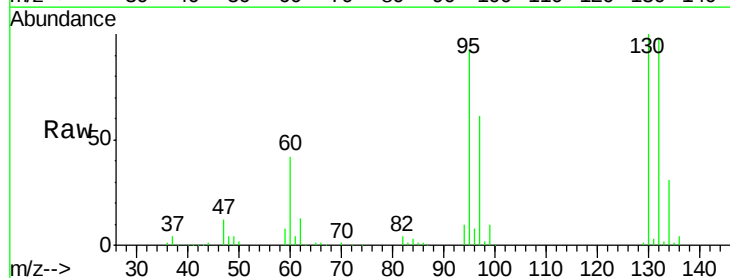
Manual Integrations
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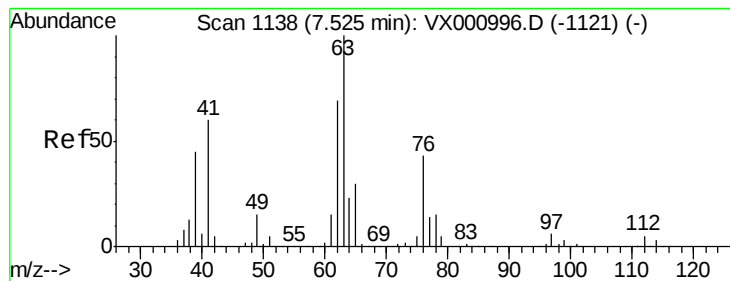
MMDadoda
4/23/2018 1:27:49 PM



#44
Trichloroethene
Concen: 49.07 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	184.2





#45

1,2-Dichloropropane

Concen: 50.63 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 128759

Ion Ratio Lower Upper

63 100

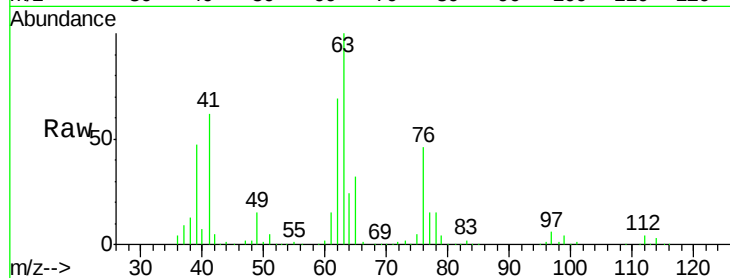
65 32.2 24.4 36.6

Manual Integrations

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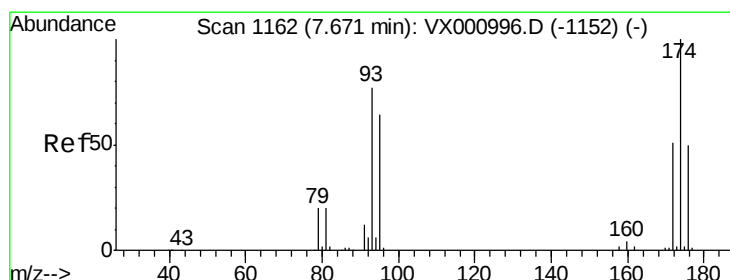
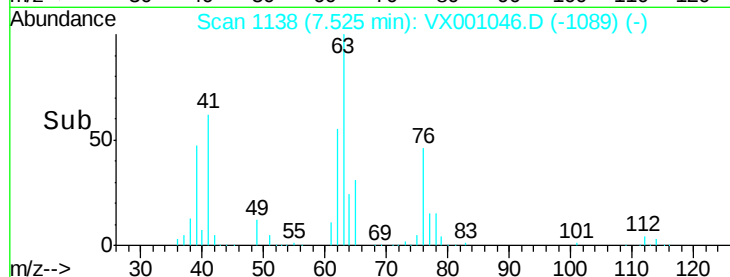
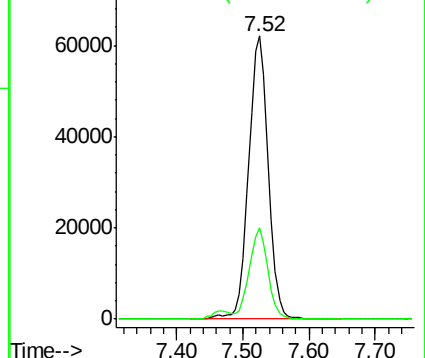
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.60 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

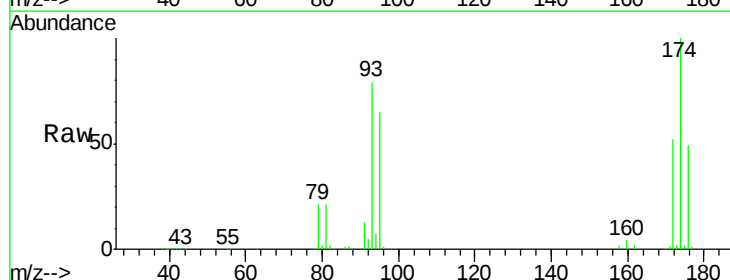
Tgt Ion: 93 Resp: 88129

Ion Ratio Lower Upper

93 100

95 82.9 66.7 100.1

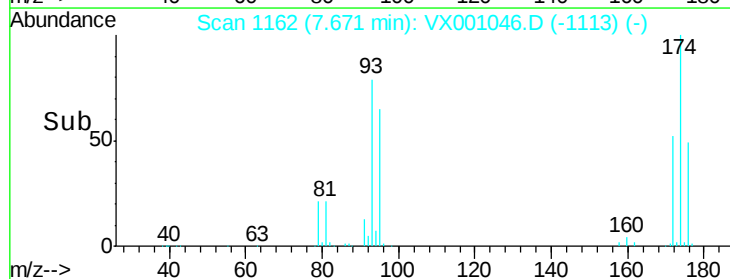
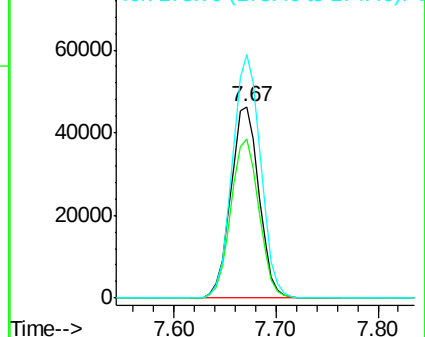
174 127.0 101.8 152.6

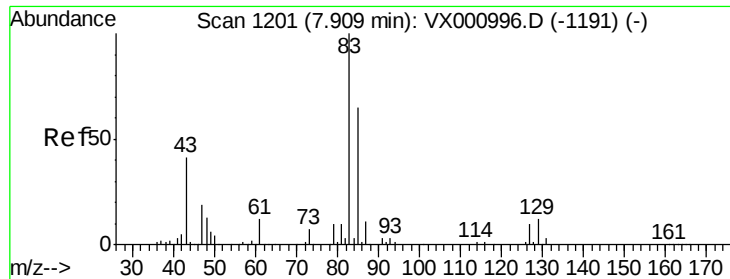


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.64 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 169973

Ion Ratio Lower Upper

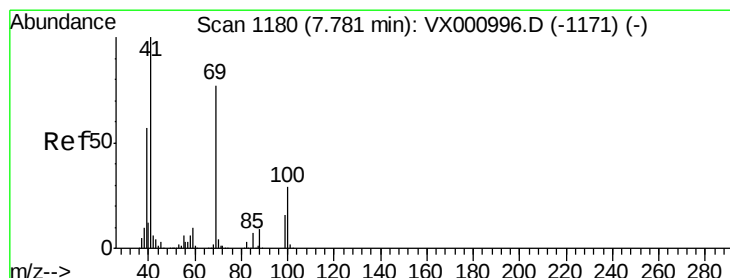
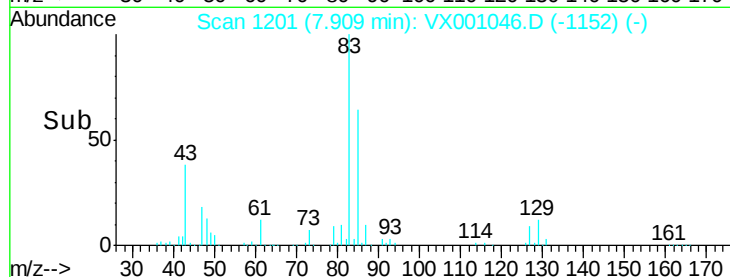
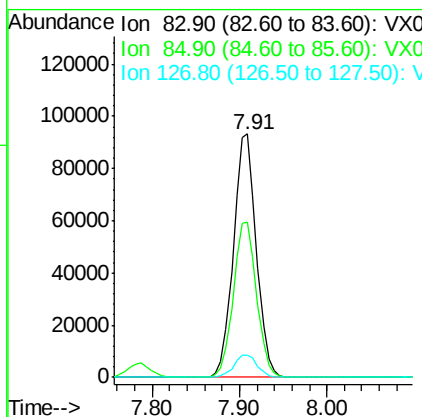
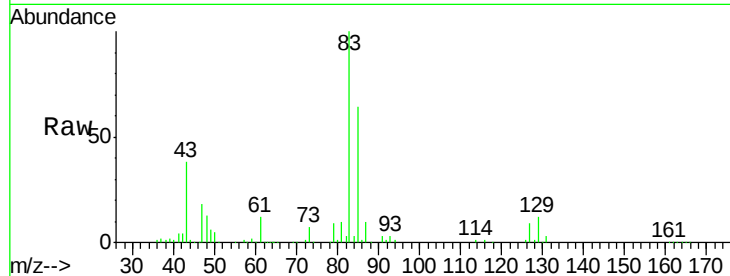
83 100

85 63.7 52.3 78.5

127 9.2 7.8 11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.24 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

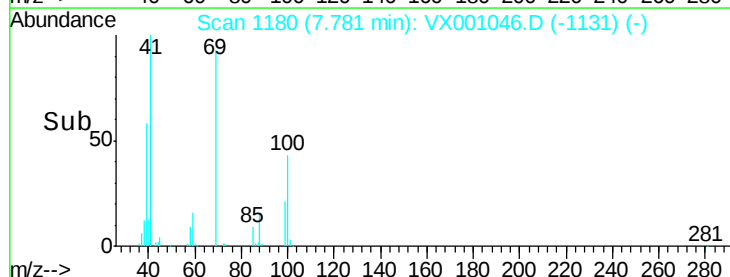
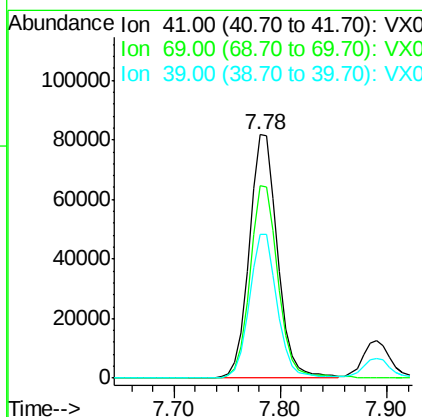
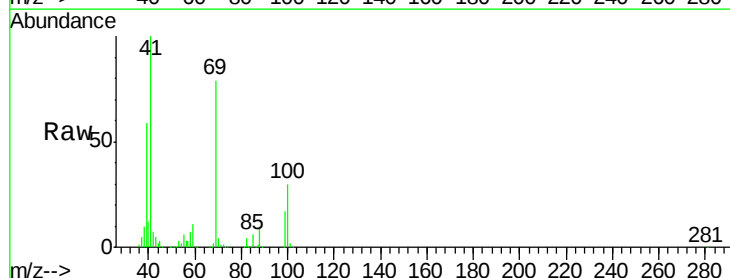
Tgt Ion: 41 Resp: 151791

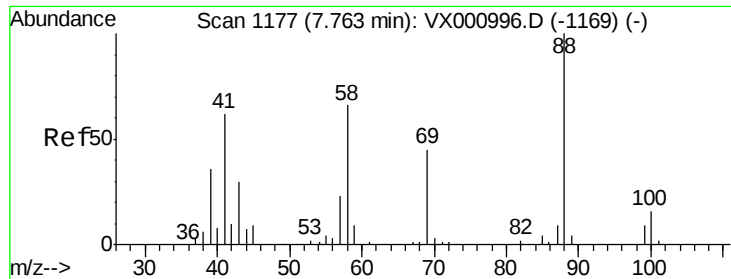
Ion Ratio Lower Upper

41 100

69 79.0 62.6 94.0

39 58.1 45.3 67.9





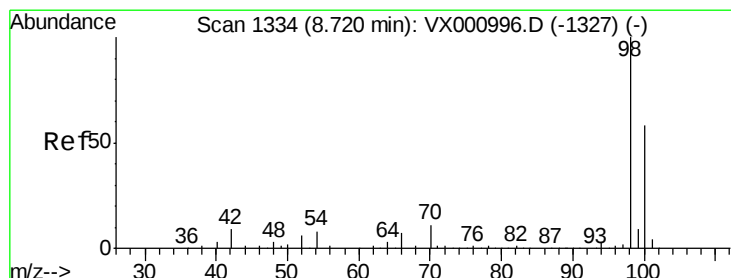
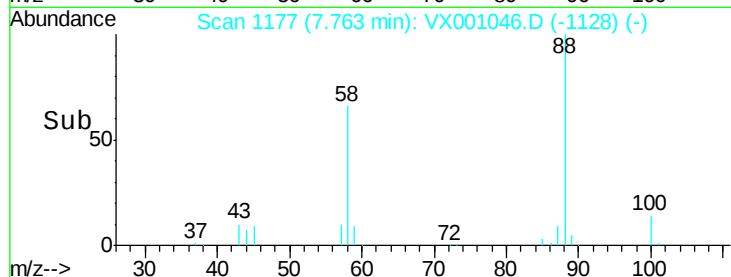
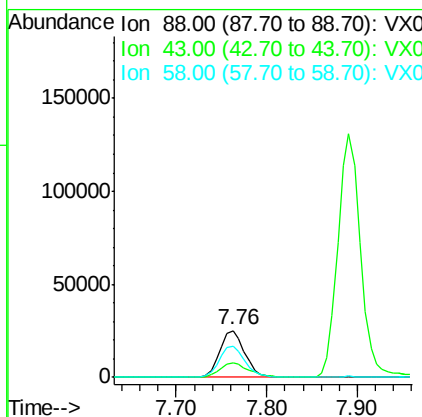
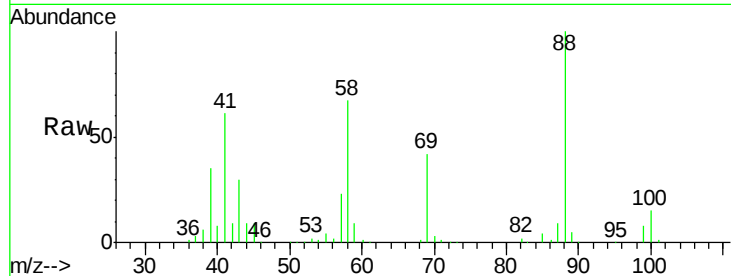
#49
1,4-Dioxane
Concen: 1067.94 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.8	29.2	43.8
58	68.8	55.0	82.6

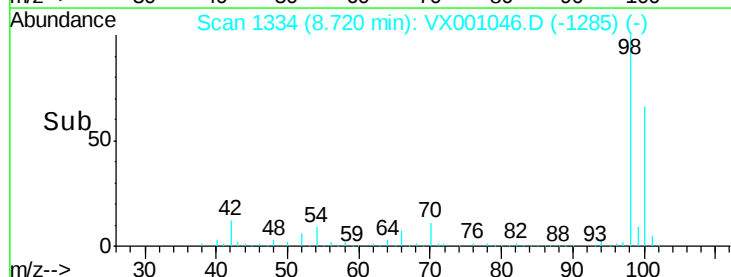
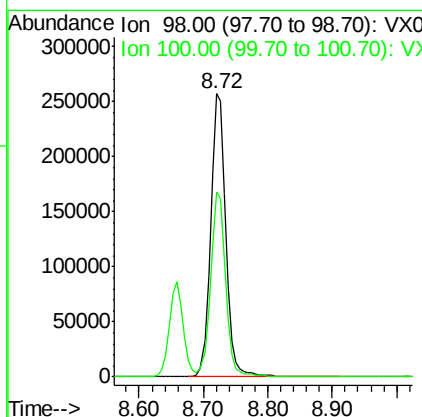
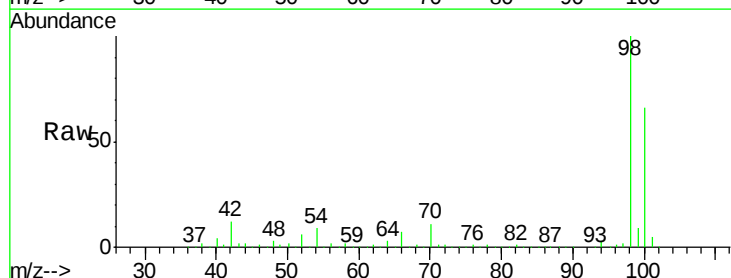
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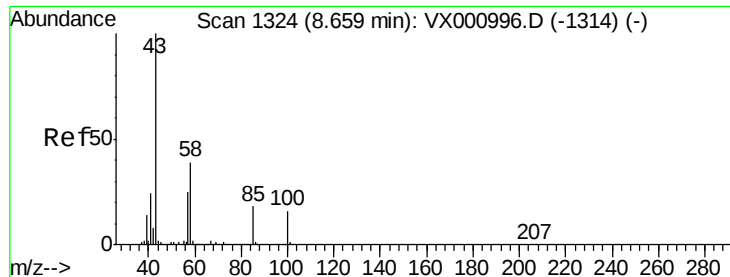
MMDadoda
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#50
Toluene-d8
Concen: 48.43 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.9	77.9





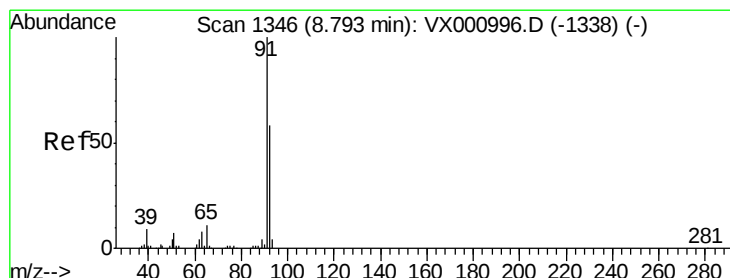
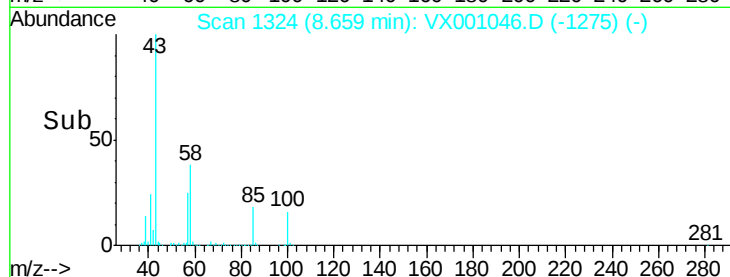
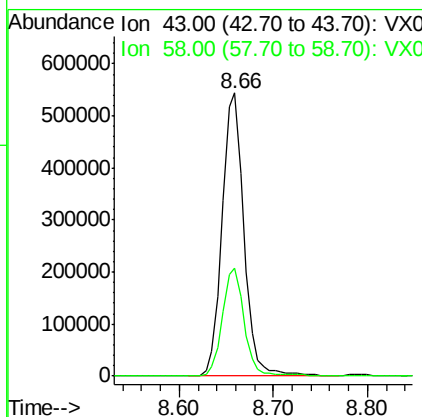
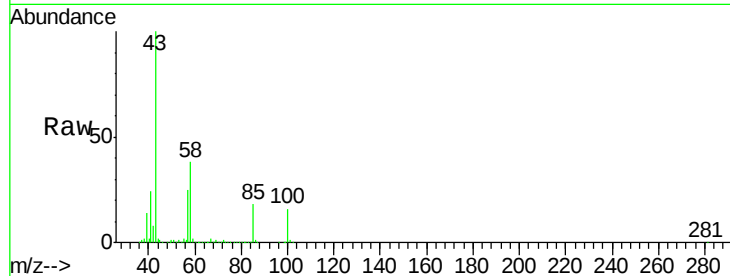
#51
 4-Methyl-2-Pentanone
 Concen: 251.82 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001046.D
 Acq: 21 Apr 2018 07:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 875306
 Ion Ratio Lower Upper
 43 100
 58 37.6 30.2 45.4

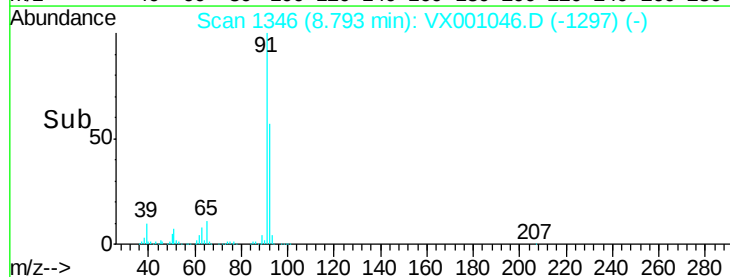
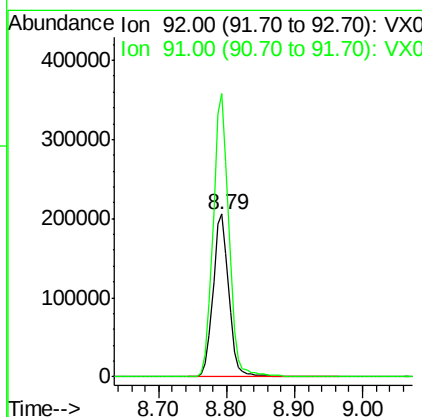
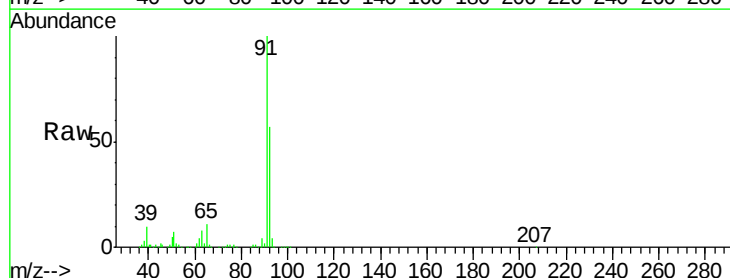
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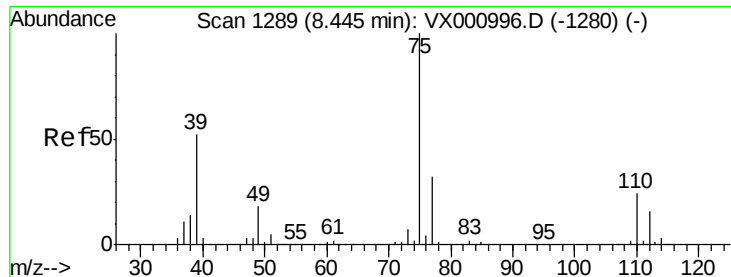
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#52
 Toluene
 Concen: 49.98 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX001046.D
 Acq: 21 Apr 2018 07:57

Tgt Ion: 92 Resp: 329903
 Ion Ratio Lower Upper
 92 100
 91 174.7 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 49.83 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 196161

Ion Ratio Lower Upper

75 100

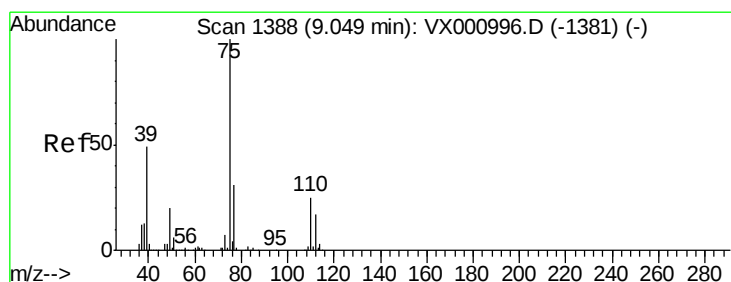
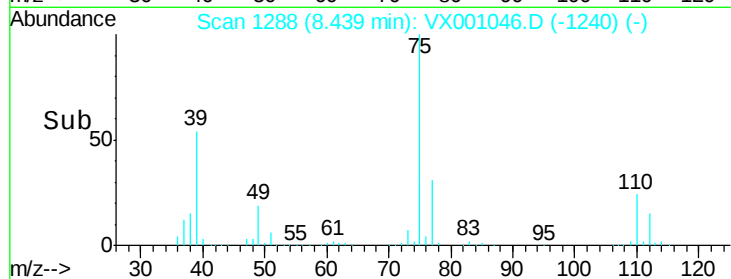
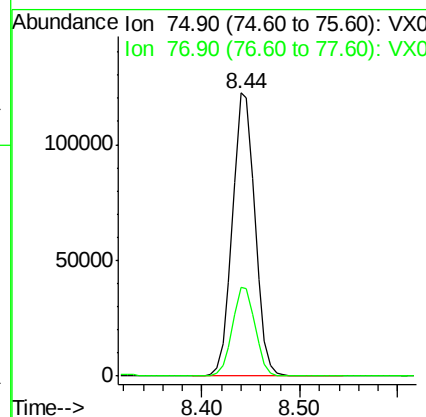
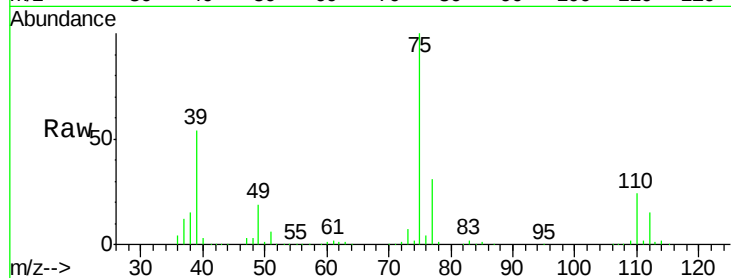
77 31.5 25.8 38.6

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 50.17 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

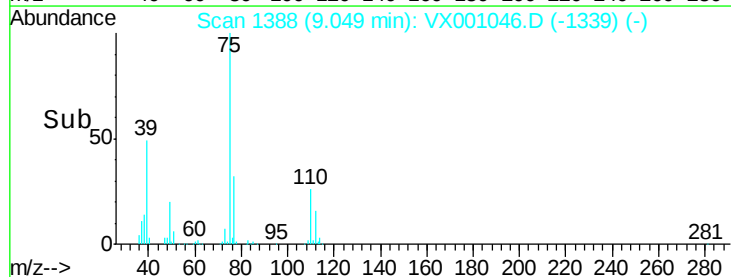
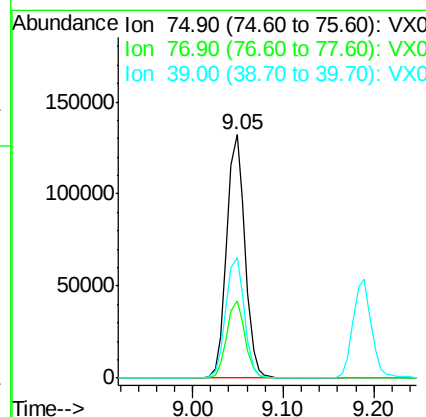
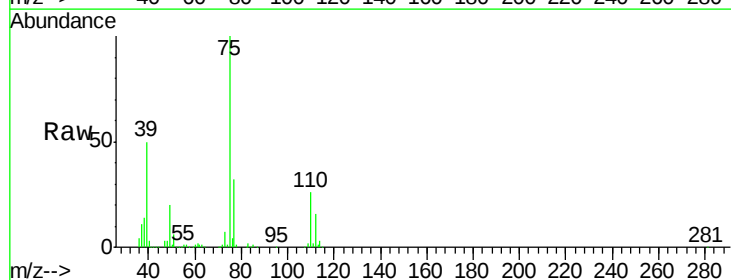
Tgt Ion: 75 Resp: 186225

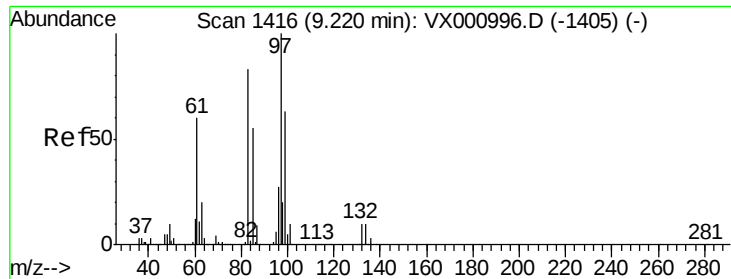
Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6

39 49.6 39.2 58.8





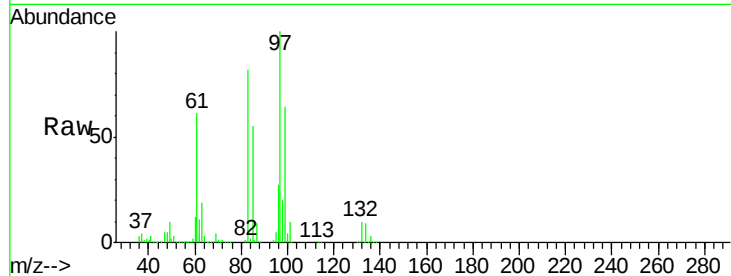
#55
 1,1,2-Trichloroethane
 Concen: 50.28 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001046.D
 Acq: 21 Apr 2018 07:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

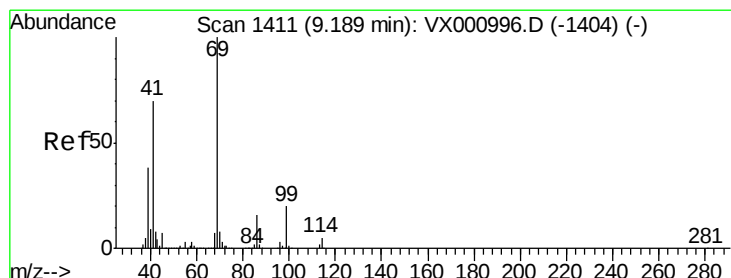
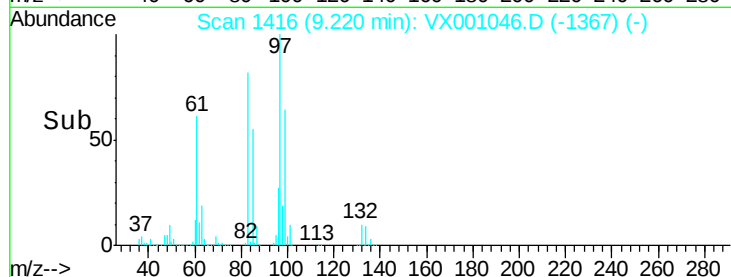
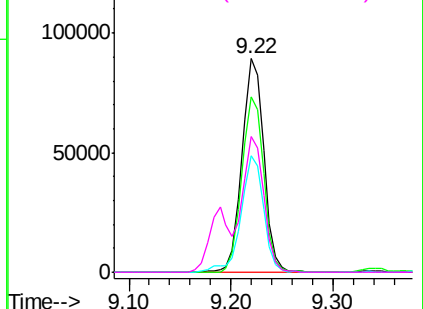
Tgt Ion:	97	Resp:	131924
Ion	Ratio	Lower	Upper
97	100		
83	82.0	66.2	99.4
85	54.8	44.2	66.4
99	63.5	50.2	75.4

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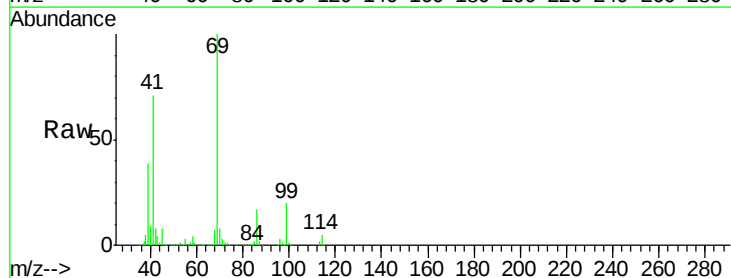


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

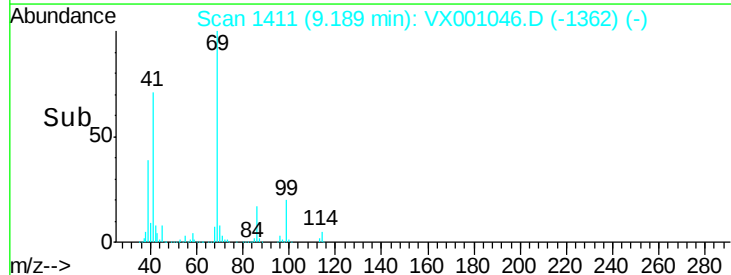
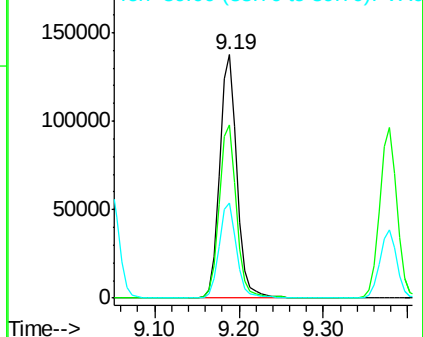


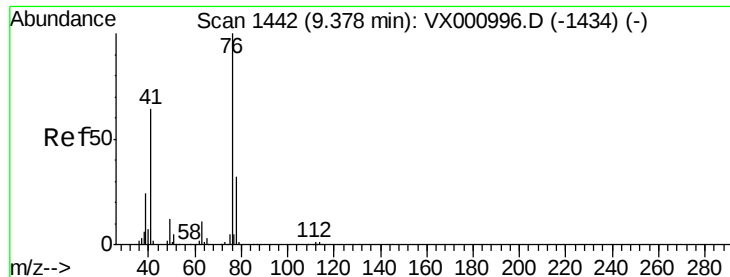
#56
 Ethyl methacrylate
 Concen: 50.81 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001046.D
 Acq: 21 Apr 2018 07:57

Tgt Ion:	69	Resp:	195783
Ion	Ratio	Lower	Upper
69	100		
41	71.1	56.3	84.5
39	39.3	30.4	45.6



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





#57

1,3-Dichloropropane

Concen: 49.49 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 215113

Ion Ratio Lower Upper

76 100

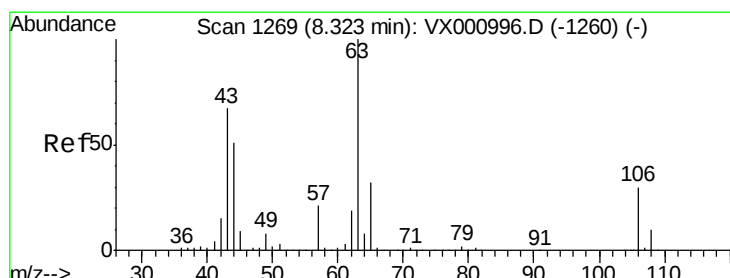
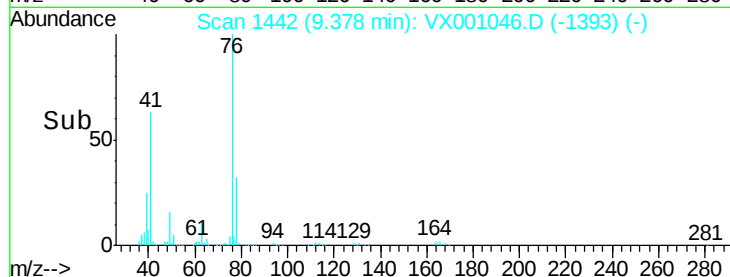
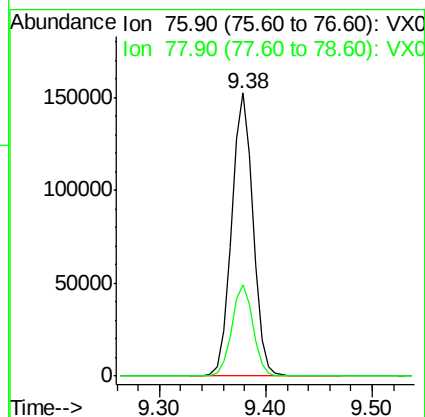
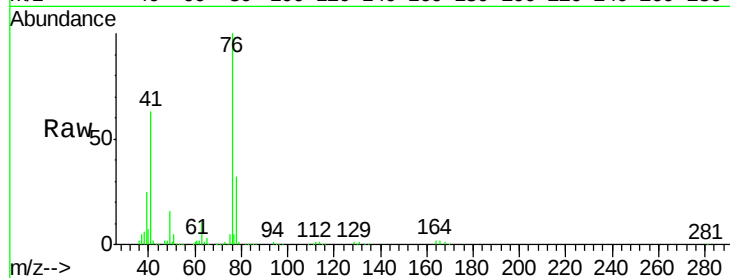
78 32.1 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 255.18 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001046.D

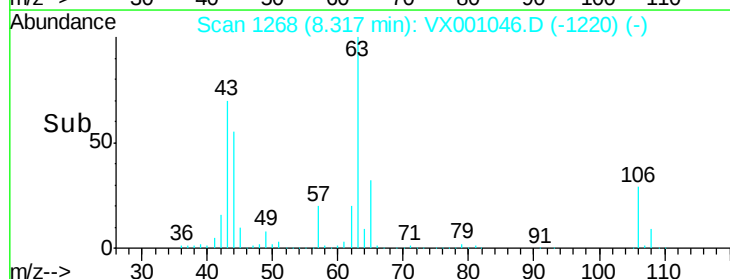
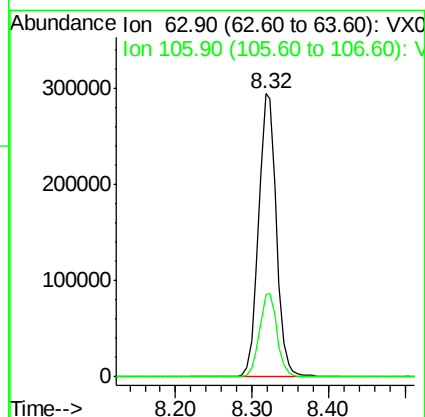
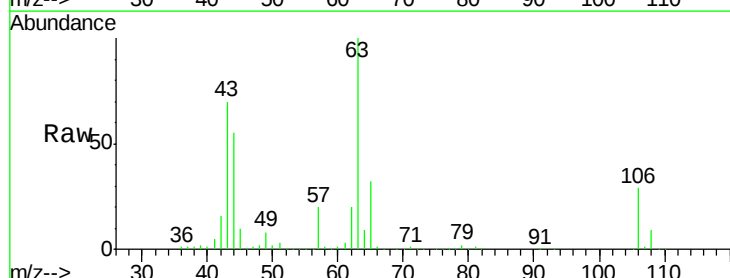
Acq: 21 Apr 2018 07:57

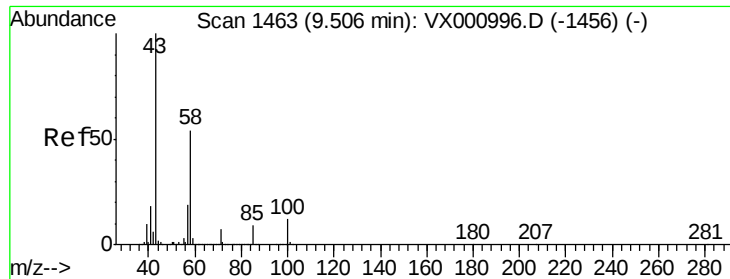
Tgt Ion: 63 Resp: 479898

Ion Ratio Lower Upper

63 100

106 29.3 23.8 35.6





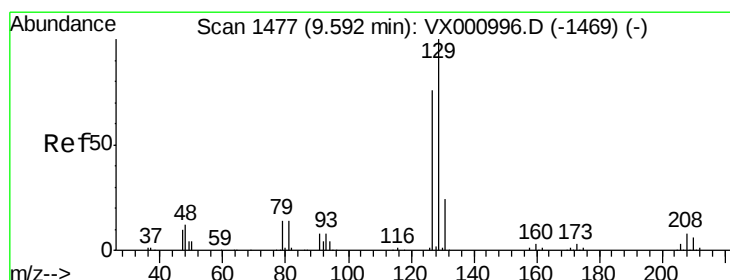
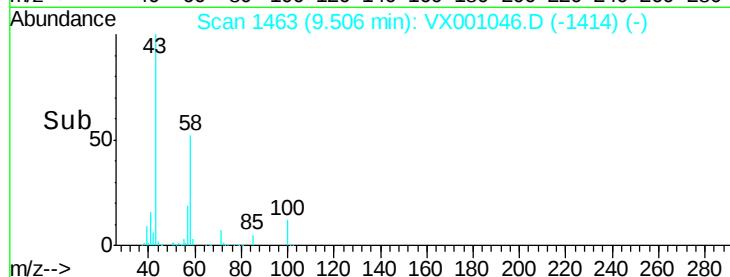
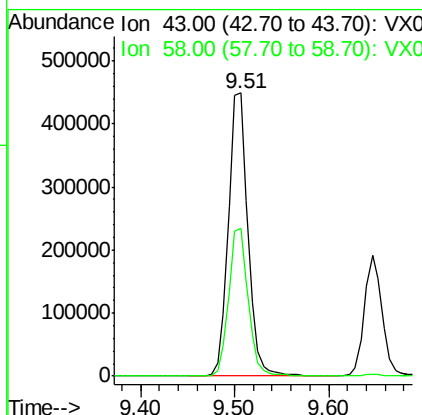
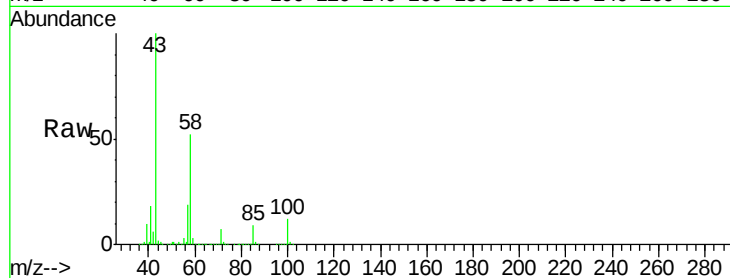
#59
2-Hexanone
Concen: 243.37 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 647478
Ion Ratio Lower Upper
43 100
58 52.1 26.3 78.9

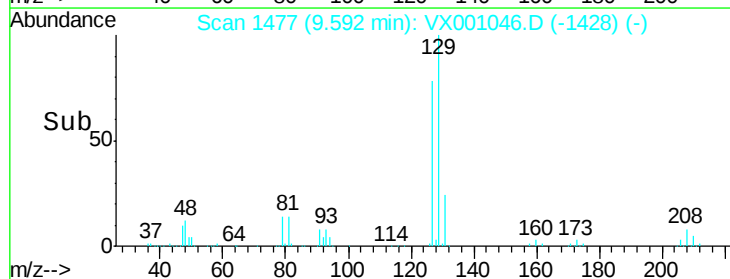
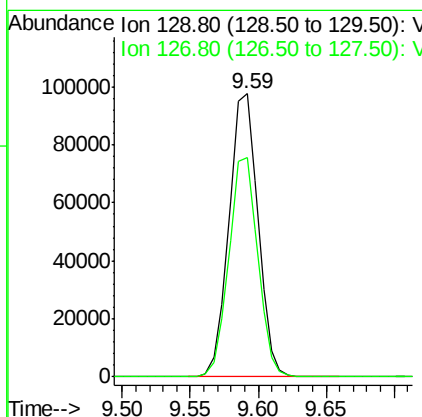
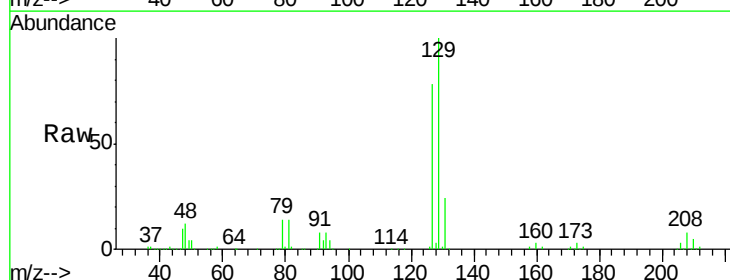
Manual Integrations
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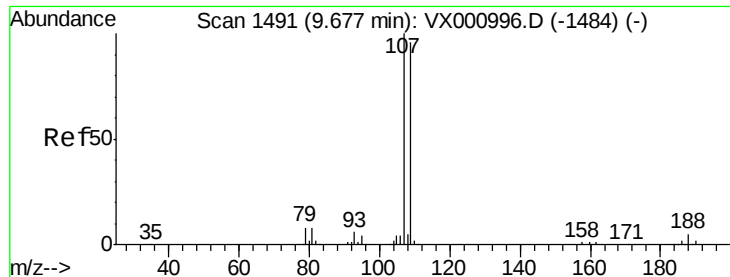
MMDadoda
4/23/2018 1:27:49 PM



#60
Dibromochloromethane
Concen: 52.73 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Tgt Ion: 129 Resp: 145300
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 51.21 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 141794

Ion Ratio Lower Upper

107 100

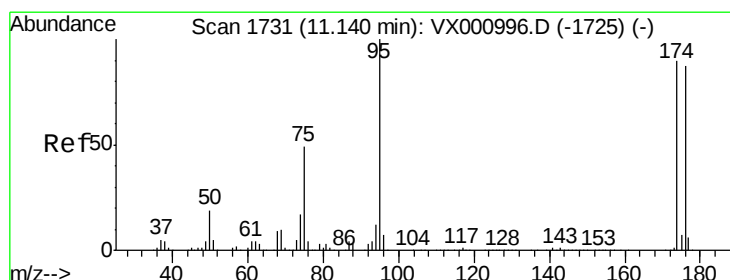
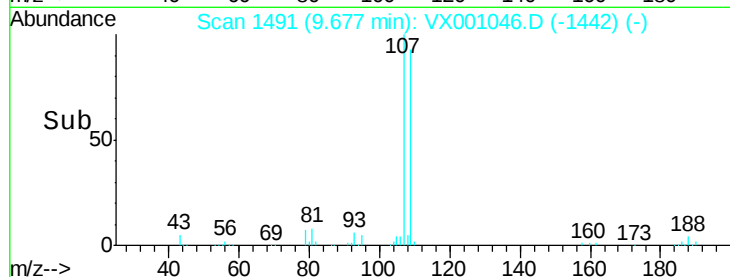
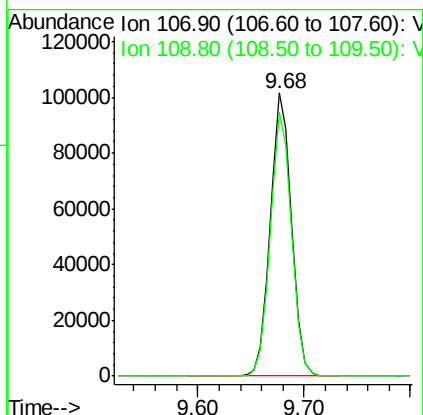
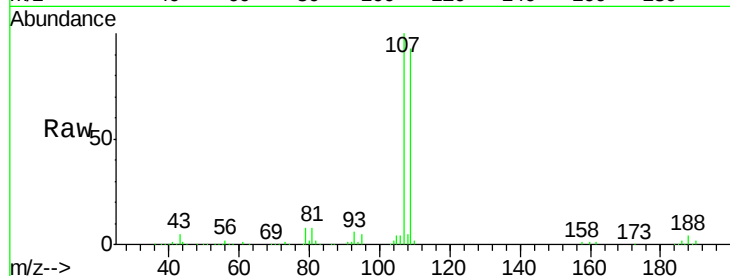
109 93.8 76.0 114.0

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#62

4-Bromofluorobenzene

Concen: 47.80 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

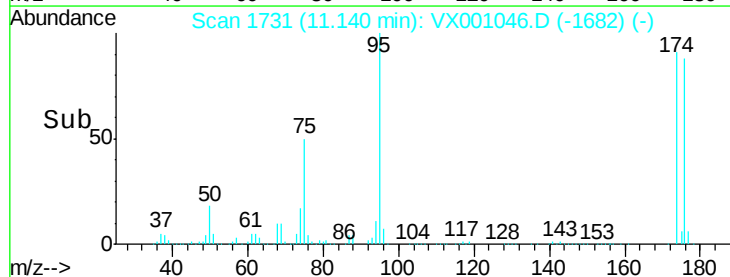
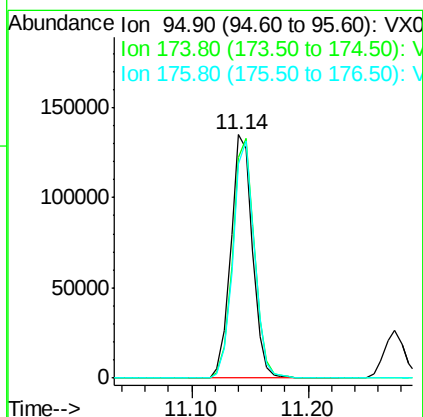
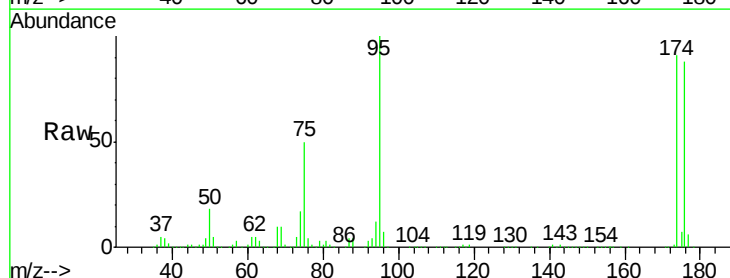
Tgt Ion: 95 Resp: 175075

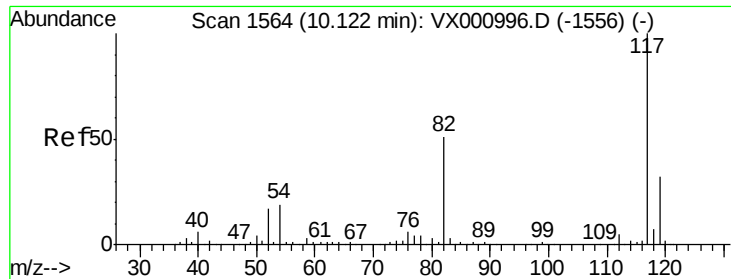
Ion Ratio Lower Upper

95 100

174 98.5 0.0 198.4

176 96.3 0.0 192.0





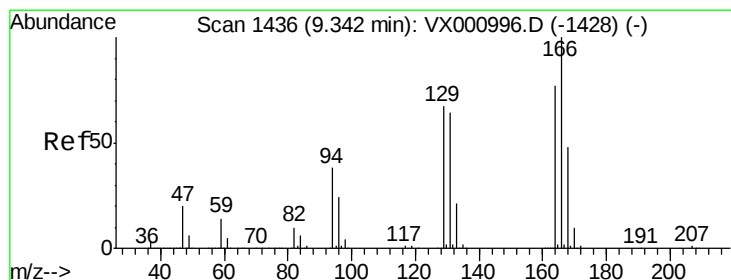
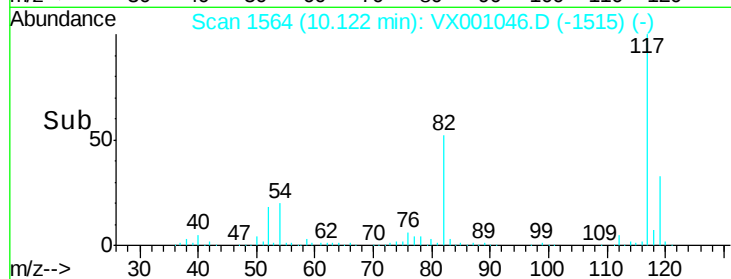
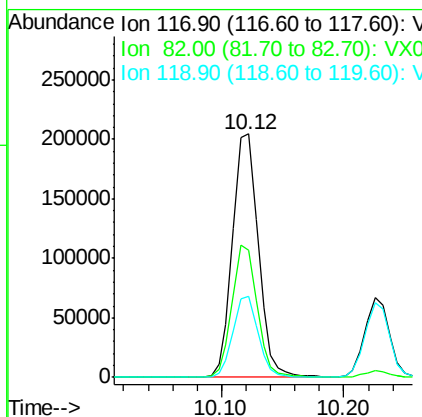
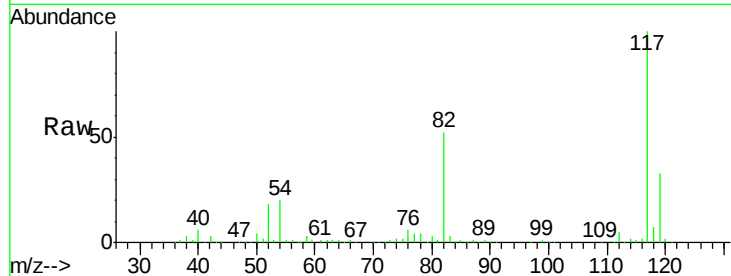
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	298973		
82	52.3	40.6	60.8	
119	33.3	26.0	39.0	

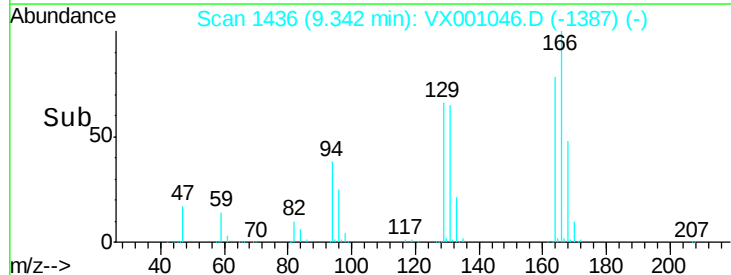
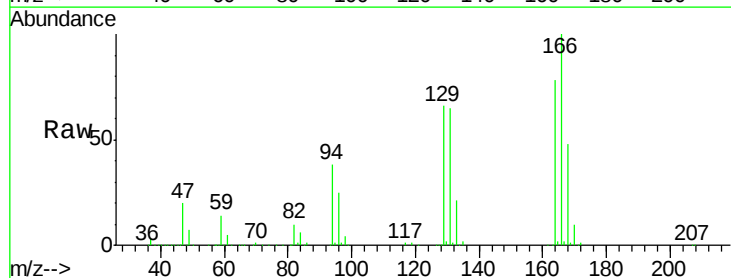
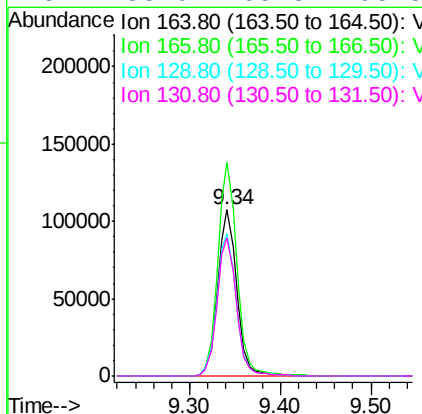
Manual Integrations
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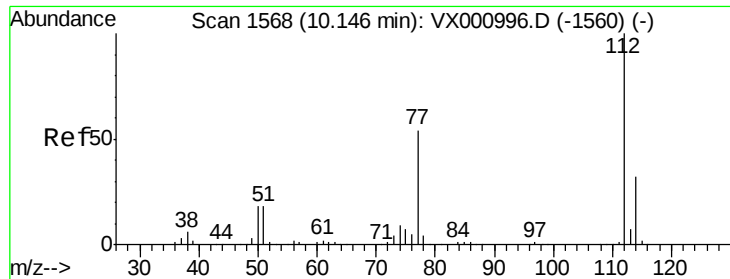
MMDadoda
4/23/2018 1:27:49 PM



#64
Tetrachloroethene
Concen: 50.18 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	159328		
166	128.7	103.5	155.3	
129	85.5	69.6	104.4	
131	83.0	65.8	98.8	





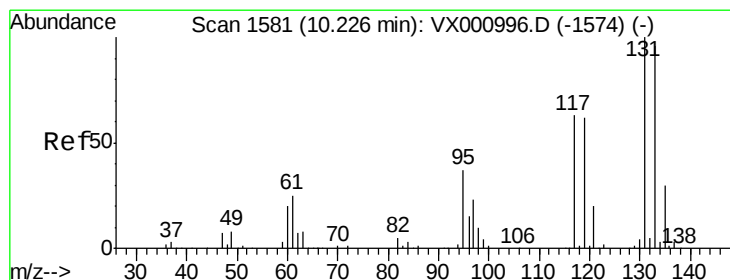
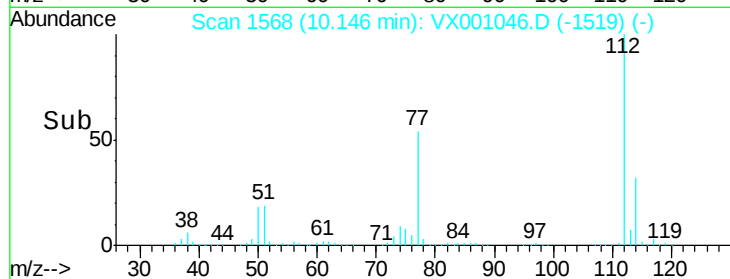
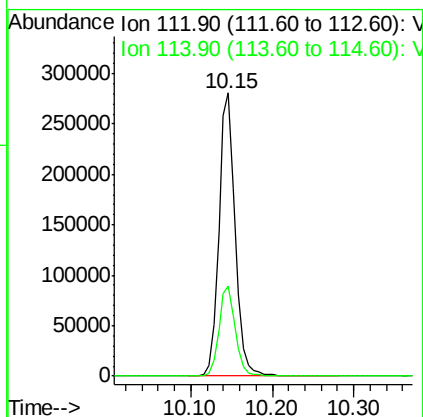
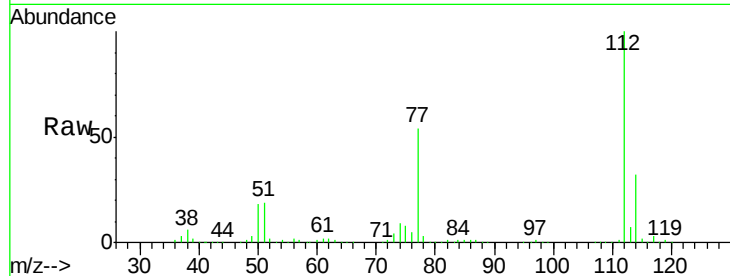
#65
Chlorobenzene
Concen: 49.12 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 391077
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3

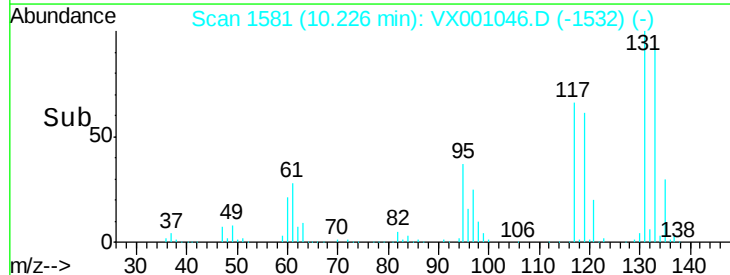
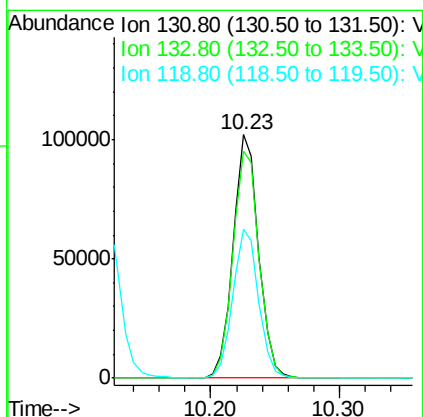
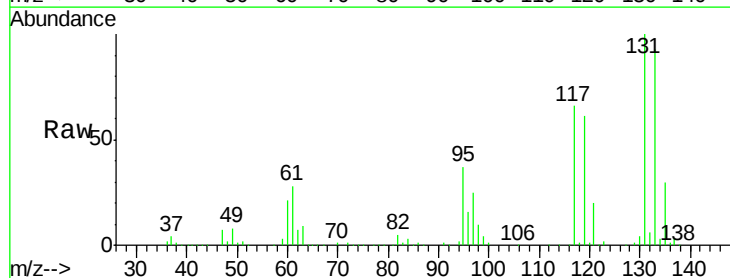
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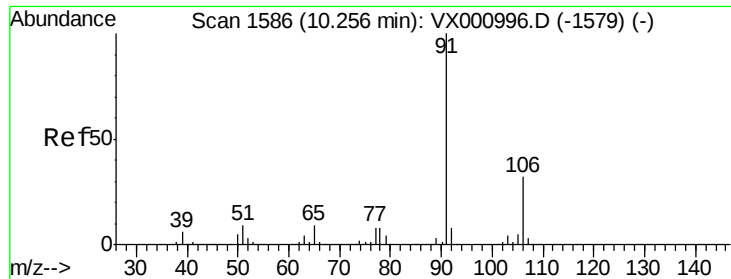
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.47 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Tgt Ion:131 Resp: 140643
Ion Ratio Lower Upper
131 100
133 96.1 47.6 142.8
119 62.0 31.1 93.2





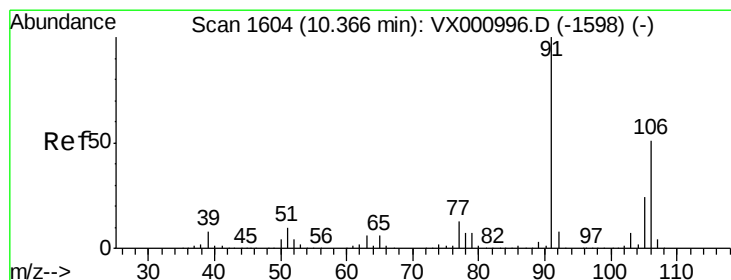
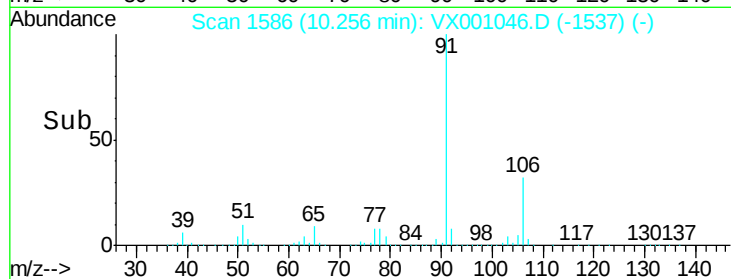
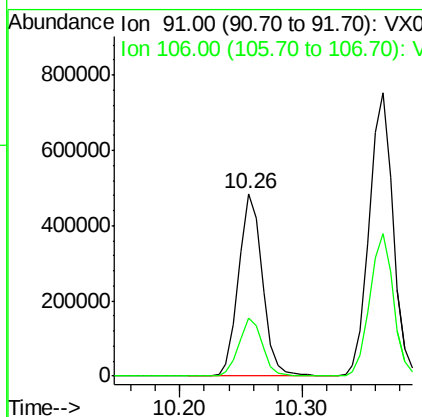
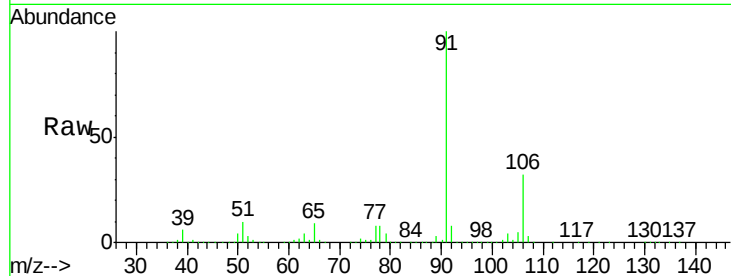
#67
Ethyl Benzene
Concen: 49.35 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 652469
Ion Ratio Lower Upper
91 100
106 31.7 25.7 38.5

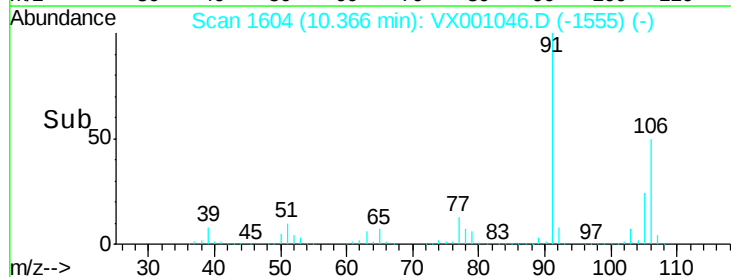
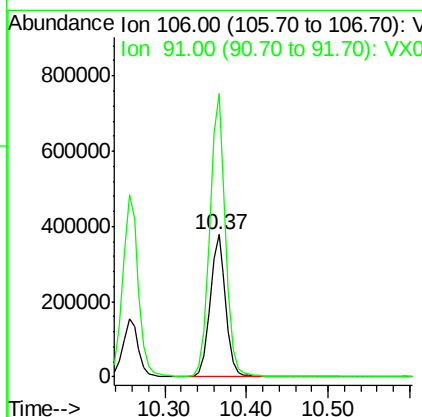
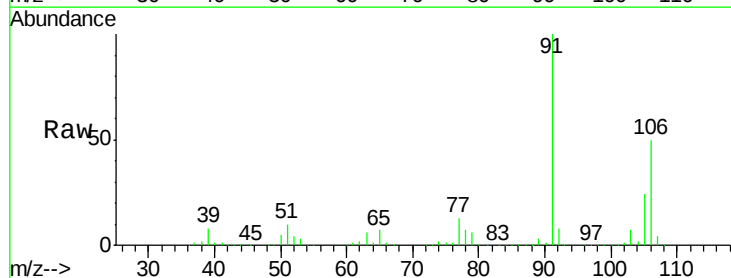
Manual Integrations
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#68
m/p-Xylenes
Concen: 98.52 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Tgt Ion: 106 Resp: 513319
Ion Ratio Lower Upper
106 100
91 200.0 159.3 238.9





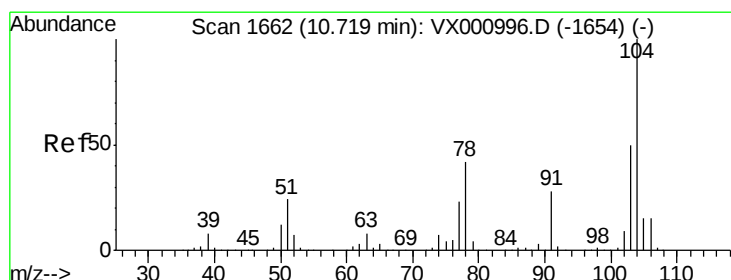
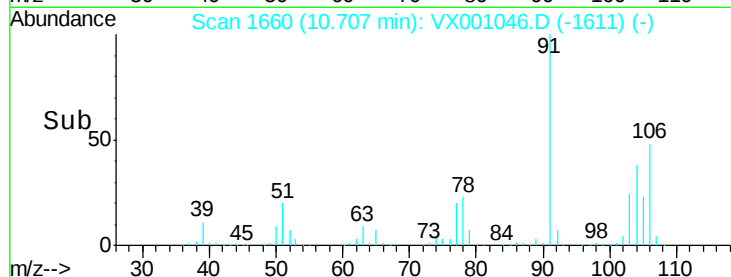
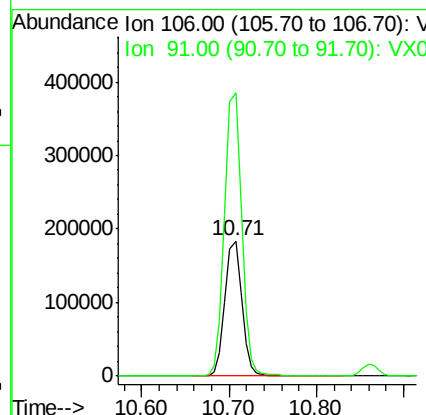
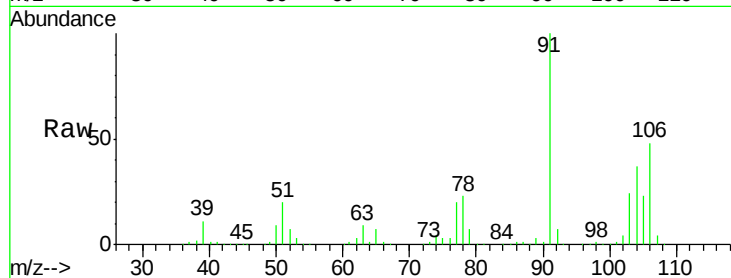
#69
o-Xylene
Concen: 49.37 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 248016
Ion Ratio Lower Upper
106 100
91 212.3 105.1 315.1

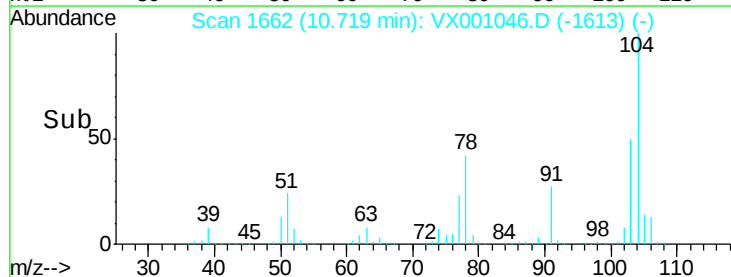
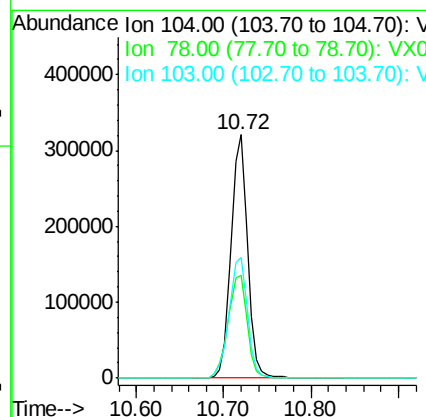
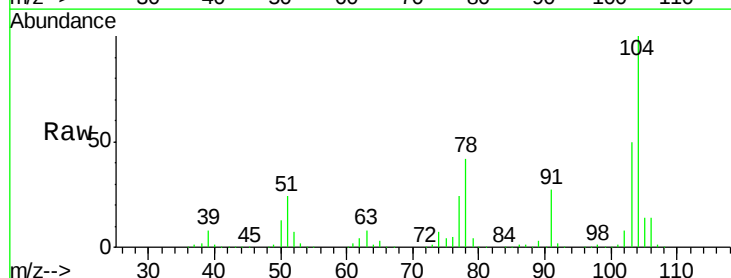
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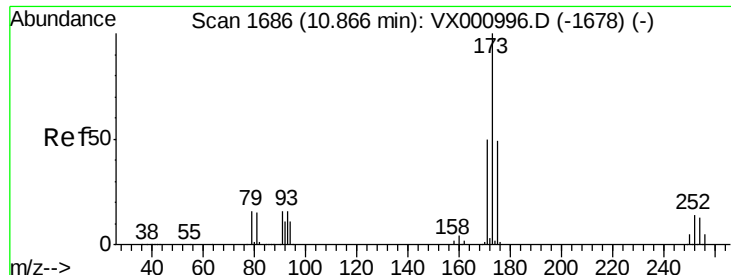
MMDadoda
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#70
Styrene
Concen: 50.73 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Tgt Ion:104 Resp: 419649
Ion Ratio Lower Upper
104 100
78 49.0 39.4 59.2
103 55.5 44.2 66.2





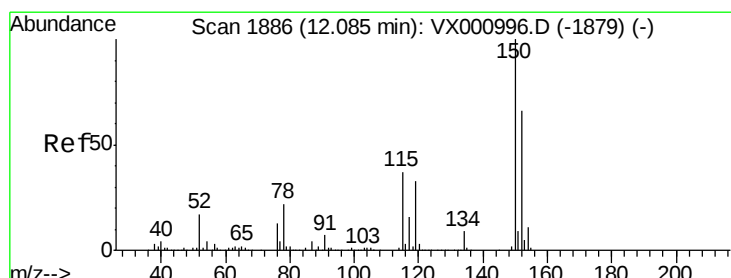
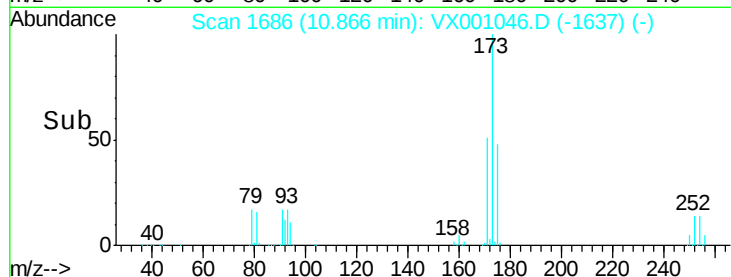
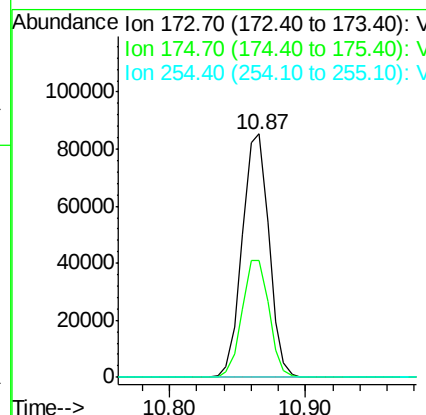
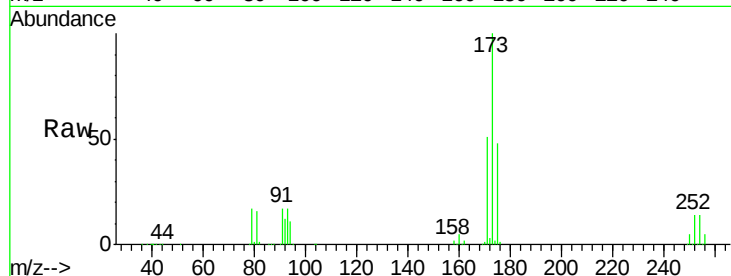
#71
Bromoform
Concen: 46.23 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 117065
Ion Ratio Lower Upper
173 100
175 48.8 24.8 74.3
254 0.2 0.2 0.2

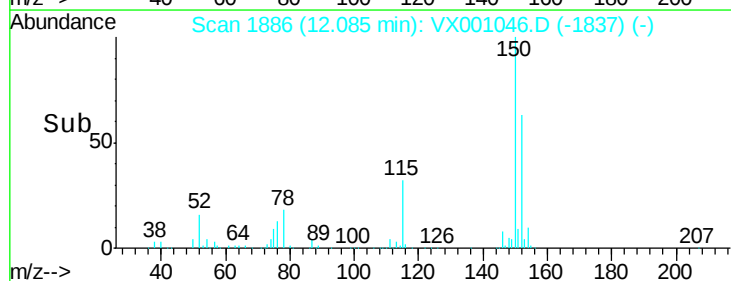
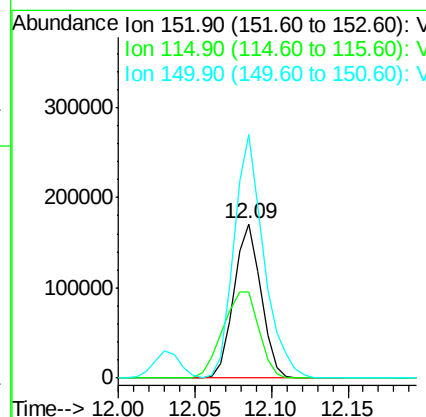
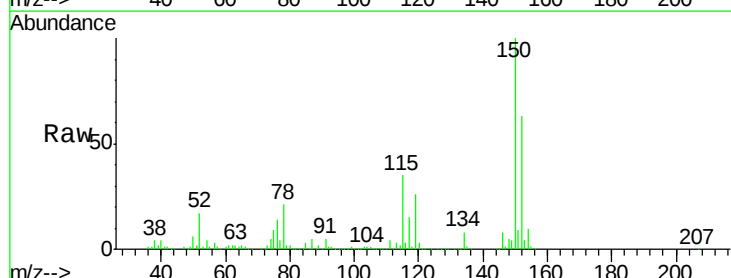
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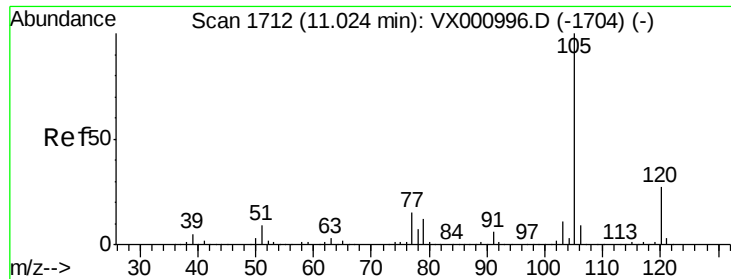
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Tgt Ion:152 Resp: 209295
Ion Ratio Lower Upper
152 100
115 75.2 38.2 114.6
150 174.1 0.0 350.4





#73

Isopropylbenzene

Concen: 49.43 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 676363

Ion Ratio Lower Upper

105 100

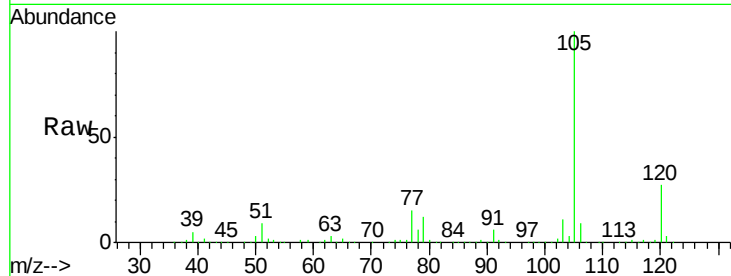
120 27.2 13.4 40.2

Manual Integrations

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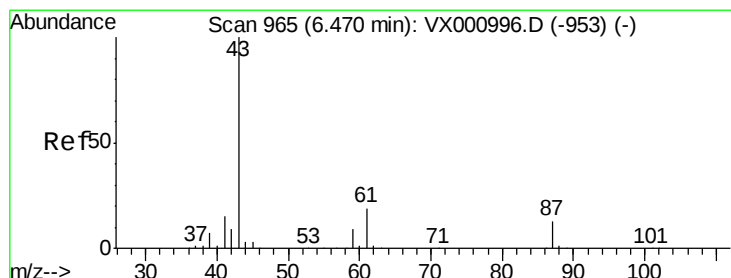
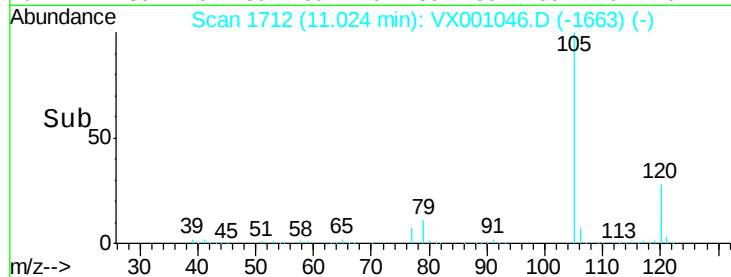
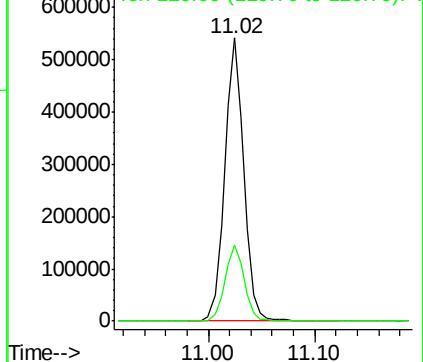
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.46 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Tgt Ion: 43 Resp: 283621

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

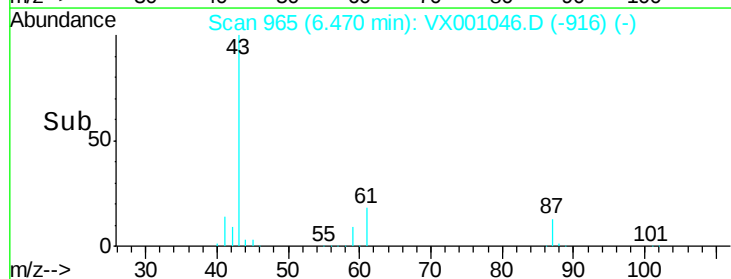
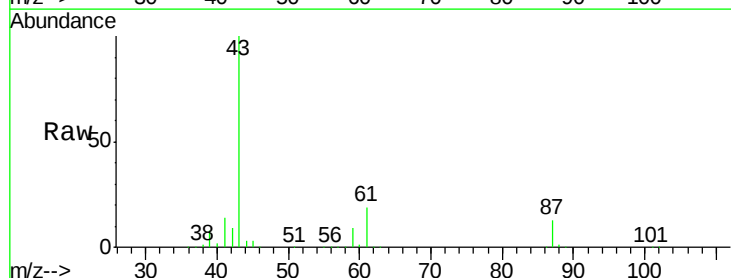
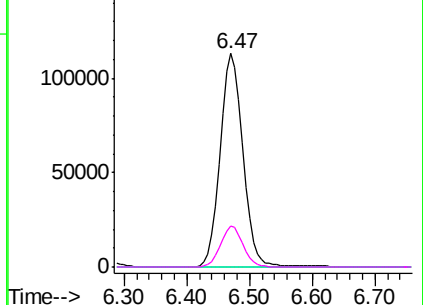
61 19.0 15.4 23.2

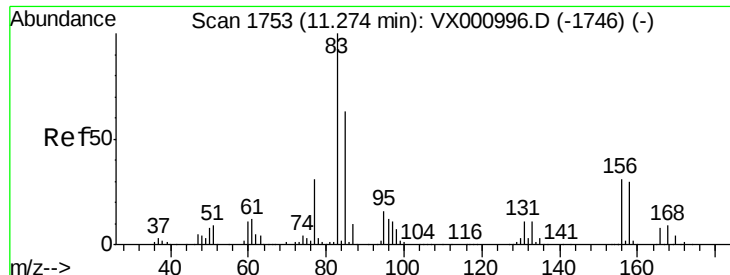
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.04 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 193820
Ion Ratio Lower Upper

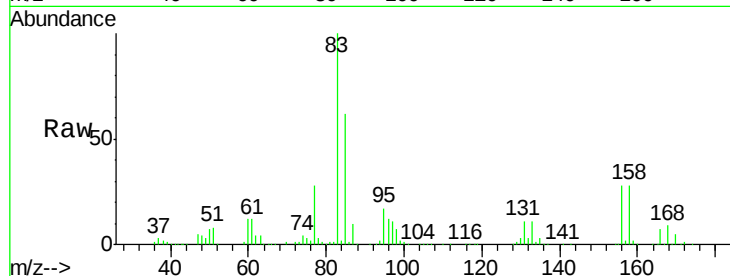
83 100

131 11.6 5.8 17.4

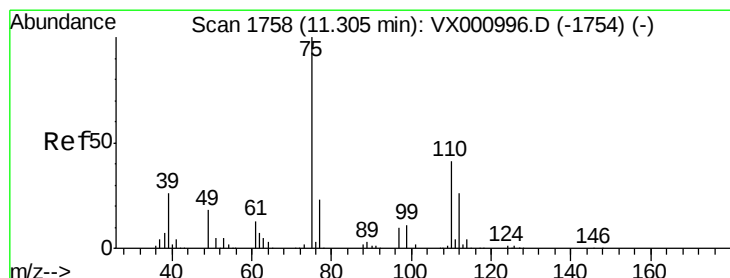
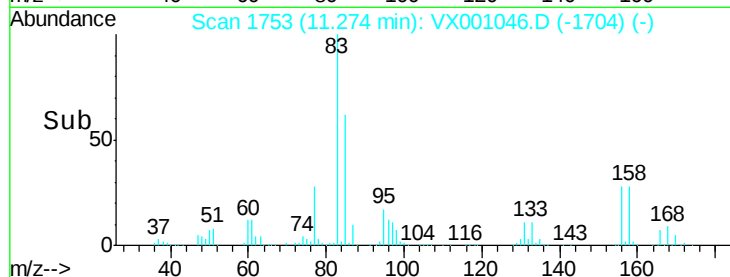
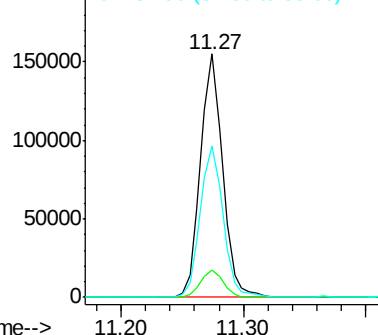
85 64.2 32.0 96.2

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



#76

1,2,3-Trichloropropane

Concen: 49.43 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

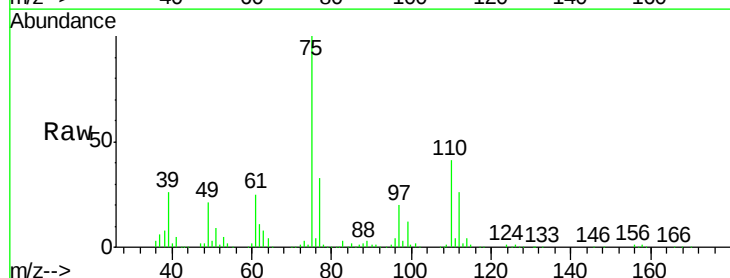
Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

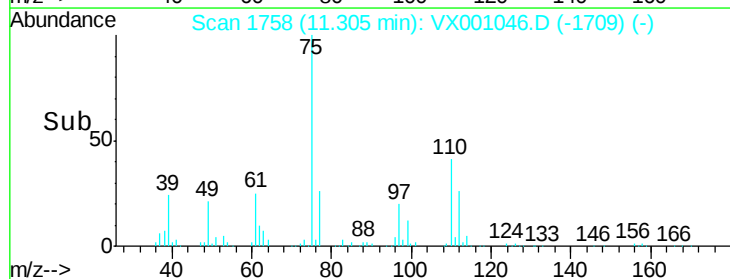
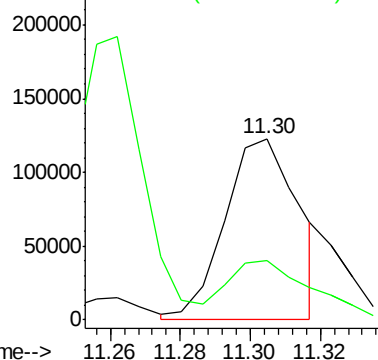
Tgt Ion: 75 Resp: 179485
Ion Ratio Lower Upper

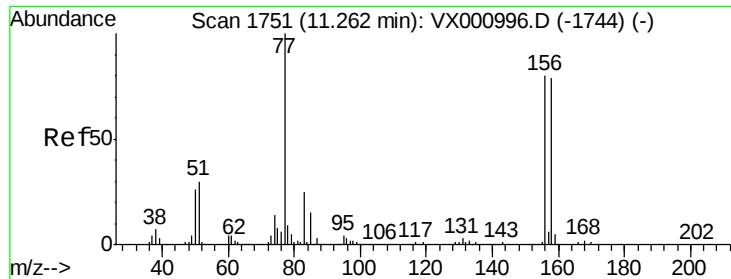
75 100

77 37.4 19.6 58.7



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





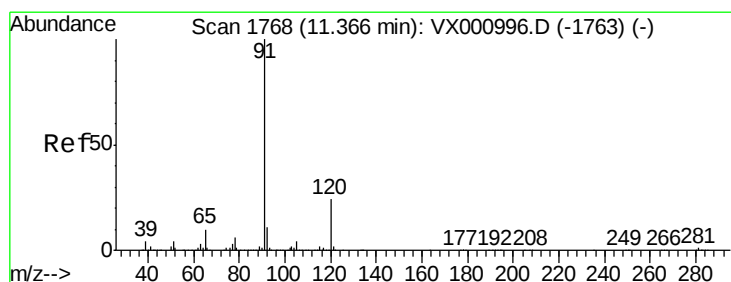
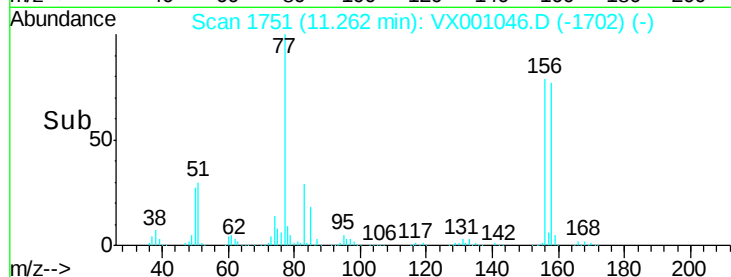
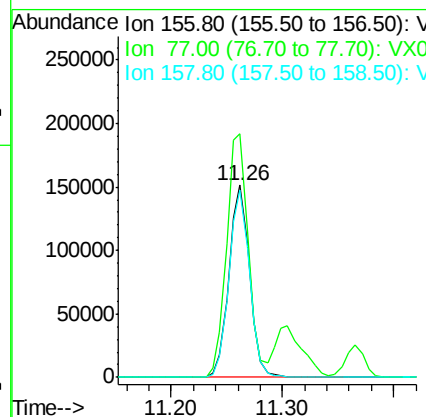
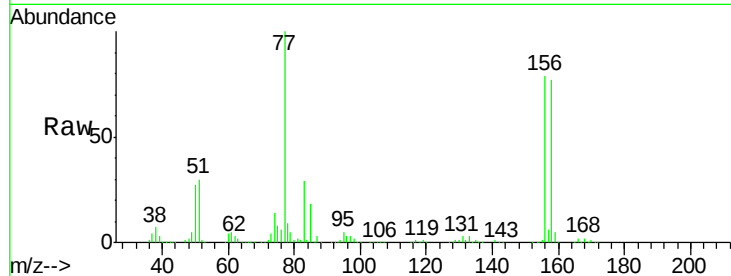
#77
Bromobenzene
Concen: 48.78 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
156	100		
77	134.2	66.3	199.0
158	97.7	48.9	146.6

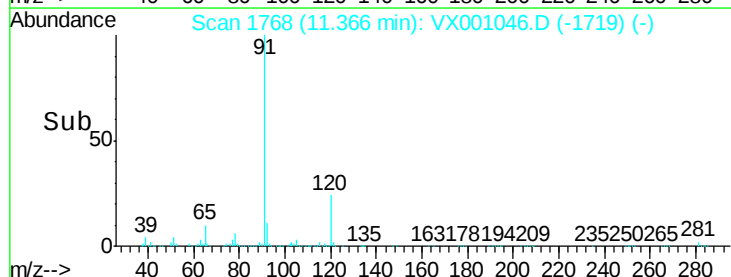
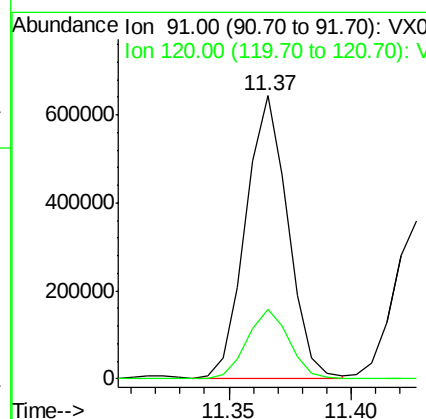
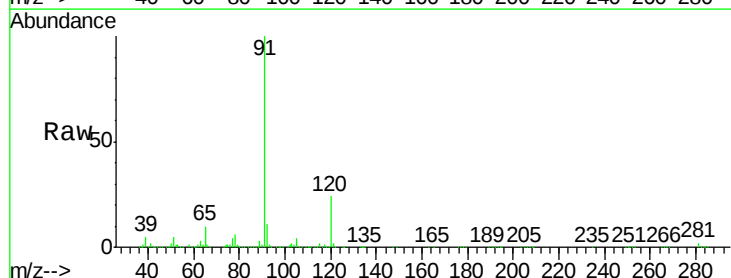
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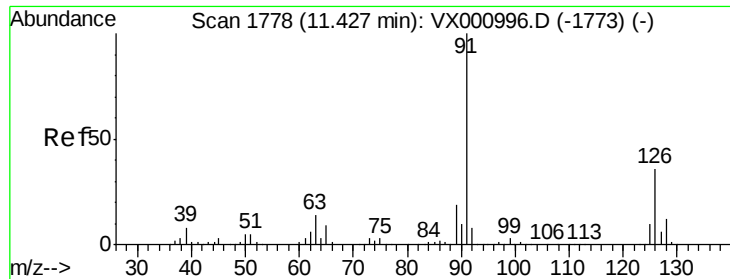
MMDadoda
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#78
n-propylbenzene
Concen: 48.90 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.8	12.4	37.0





#79

2-Chlorotoluene

Concen: 48.95 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 454359

Ion Ratio Lower Upper

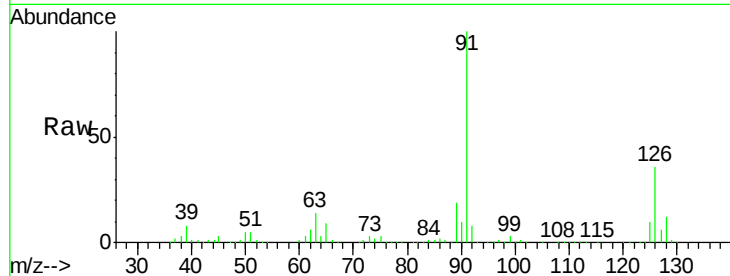
91 100

126 36.5 18.3 54.9

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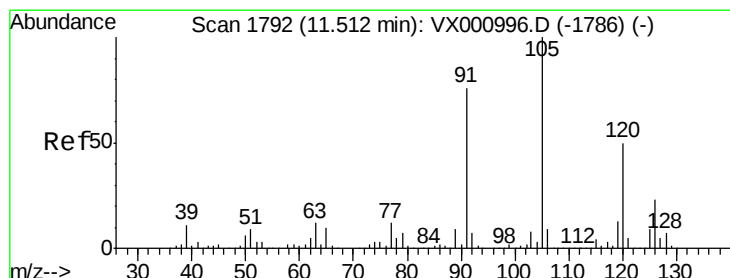
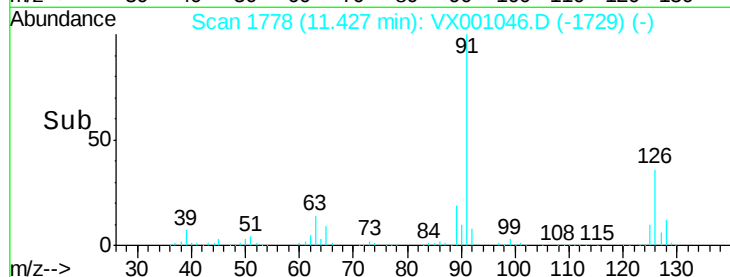
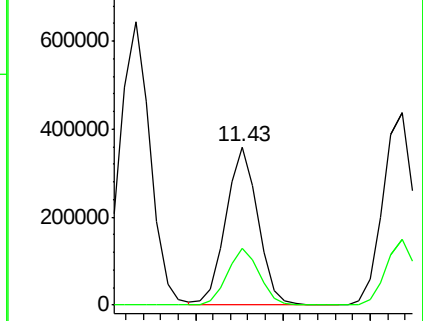
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Abundance Ion 91.00 (90.70 to 91.70): VX000996.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX000996.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.51 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001046.D

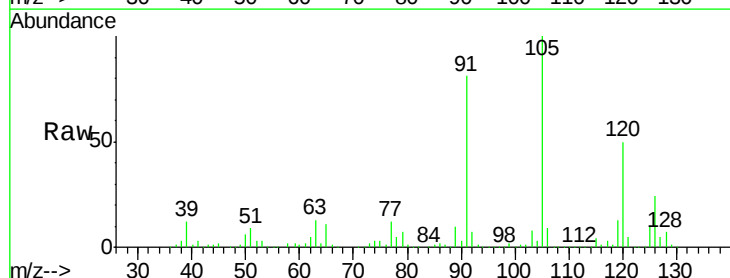
Acq: 21 Apr 2018 07:57

Tgt Ion: 105 Resp: 574193

Ion Ratio Lower Upper

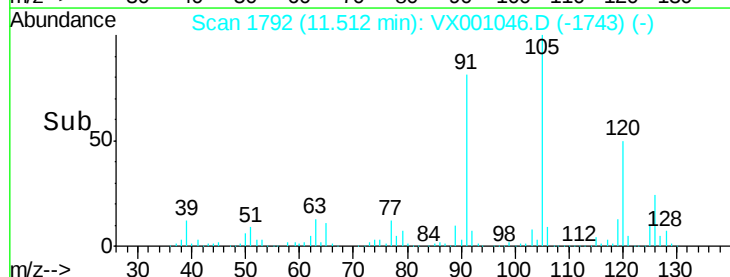
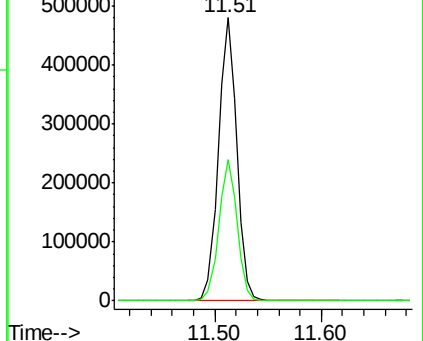
105 100

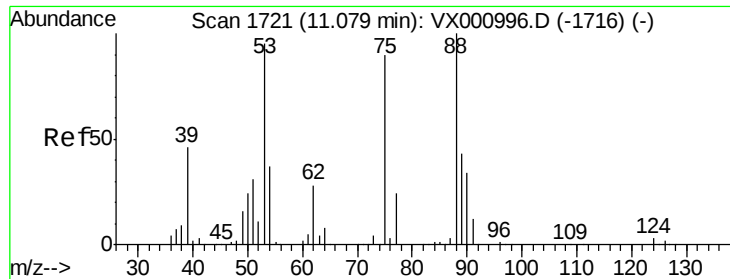
120 49.7 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000996.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000996.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 39.58 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Instrument :

MSVOA_X

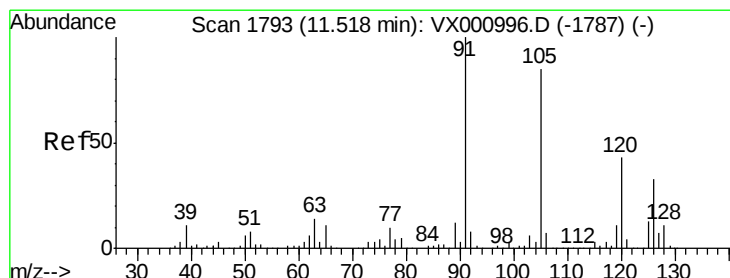
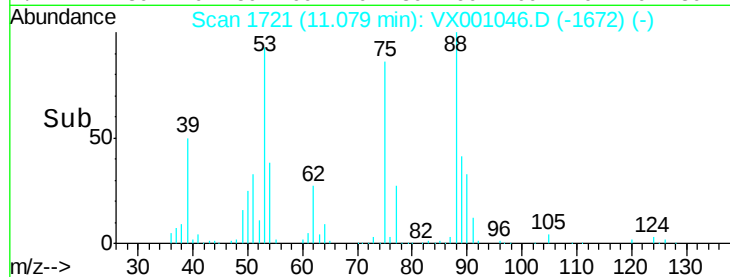
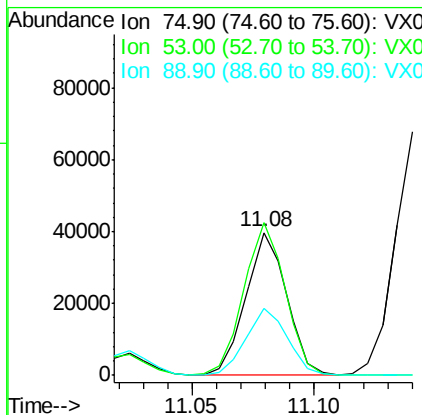
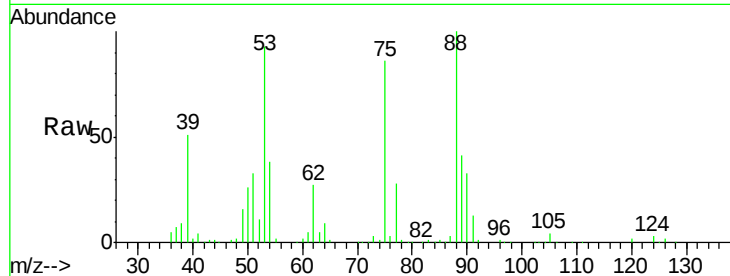
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	45981
Ion	Ratio	Lower	Upper
75	100		
53	110.3	83.4	125.2
89	47.7	39.7	59.5

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#82

4-Chlorotoluene

Concen: 48.64 ug/l

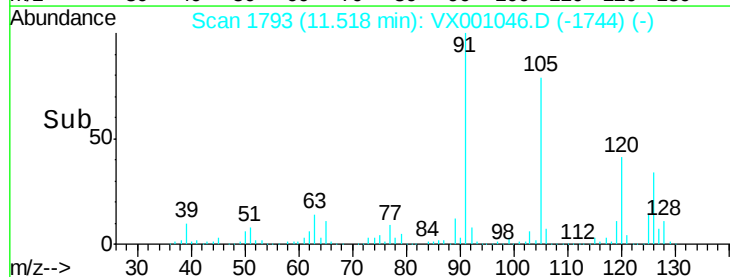
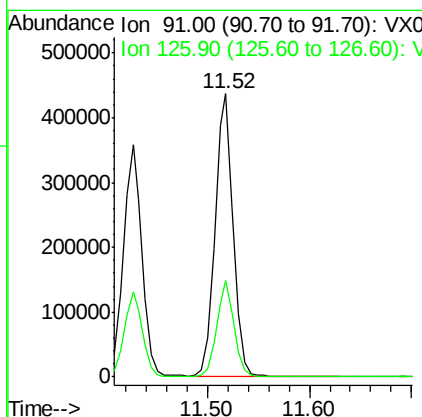
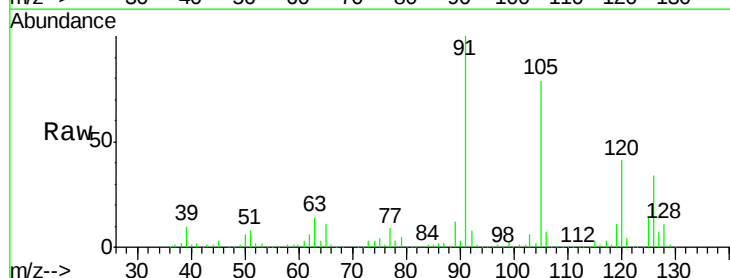
RT: 11.52 min Scan# 1793

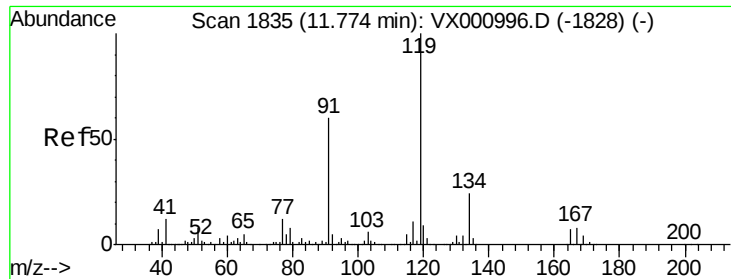
Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Tgt Ion:	91	Resp:	545577
Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.2	48.5





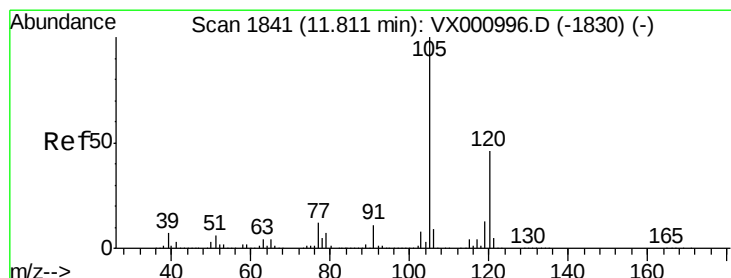
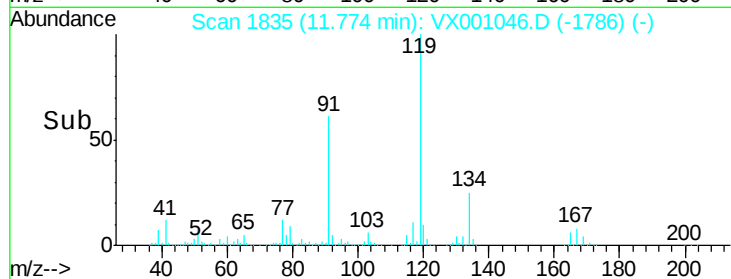
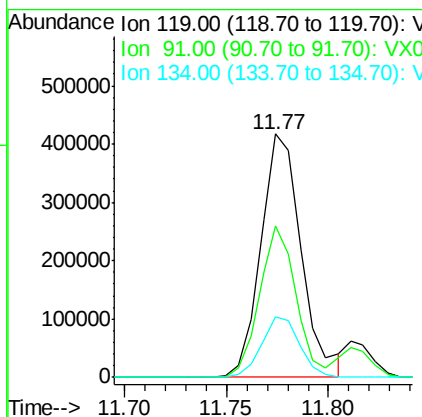
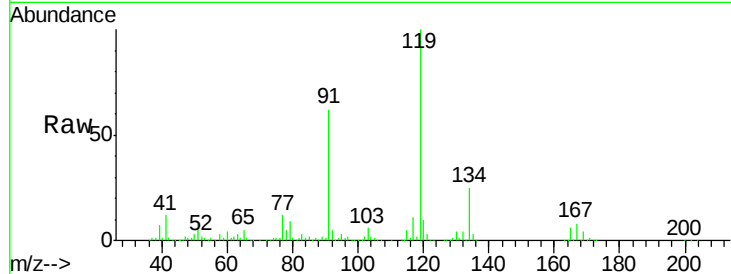
#83
 tert-Butylbenzene
 Concen: 49.26 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001046.D
 Acq: 21 Apr 2018 07:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.9	27.0	81.0
134	23.6	11.6	34.7

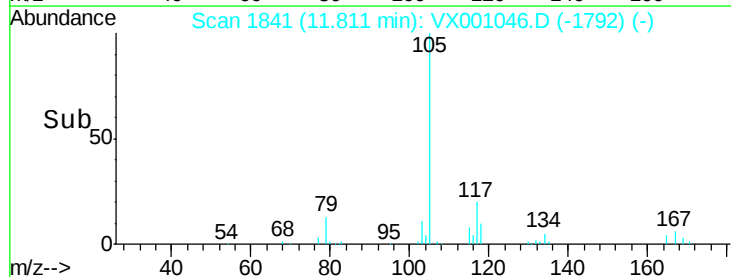
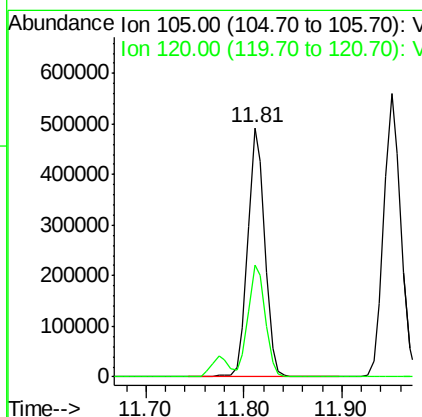
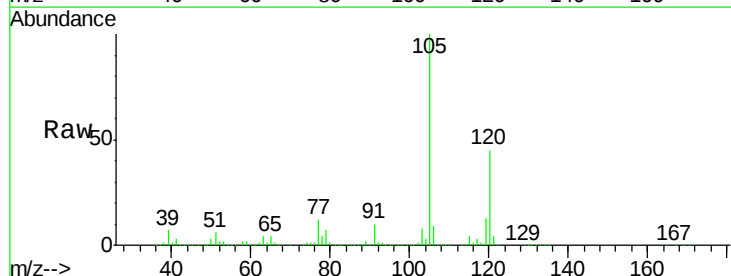
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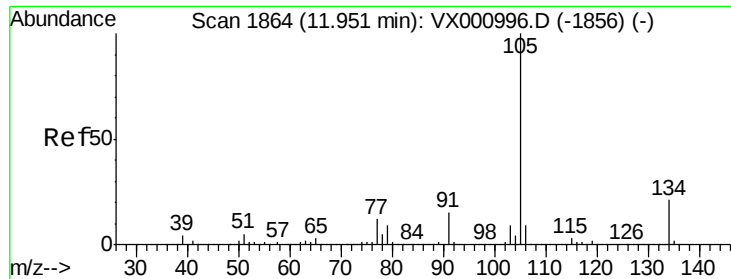
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.79 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001046.D
 Acq: 21 Apr 2018 07:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.0	69.0





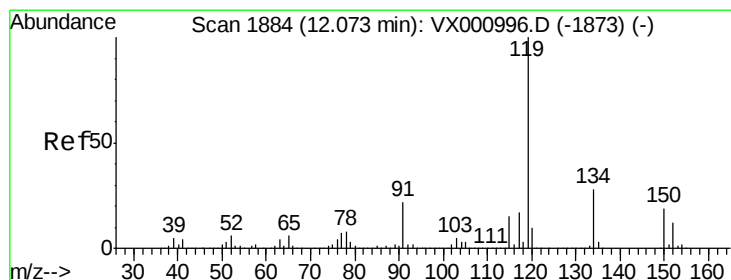
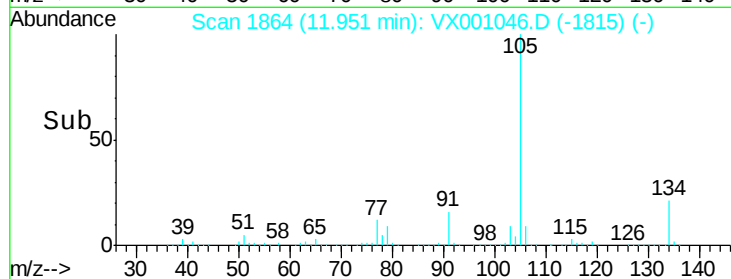
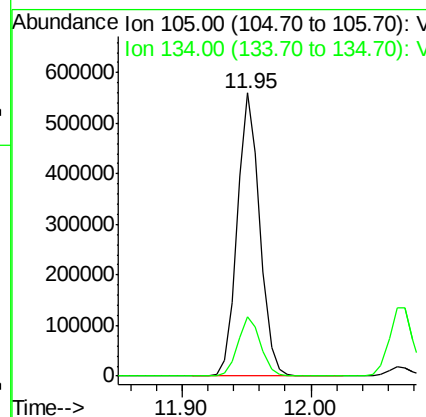
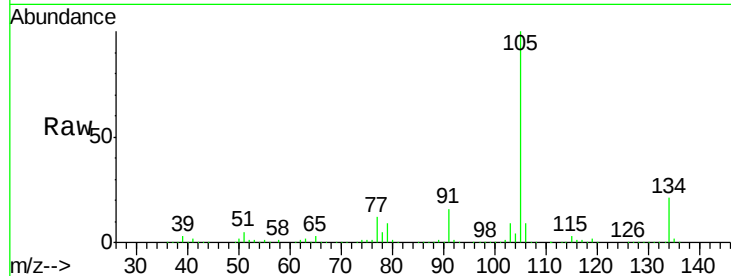
#85
 sec-Butylbenzene
 Concen: 48.86 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001046.D
 Acq: 21 Apr 2018 07:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 682352
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.6

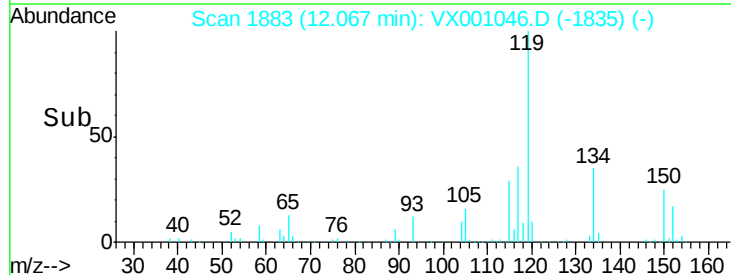
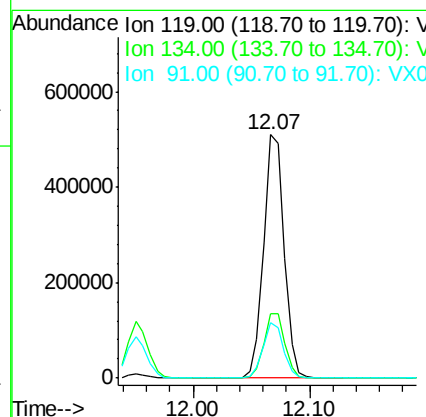
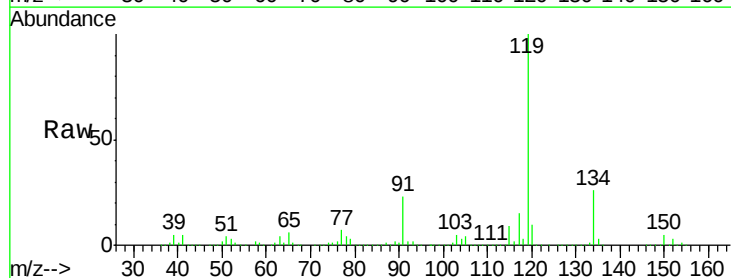
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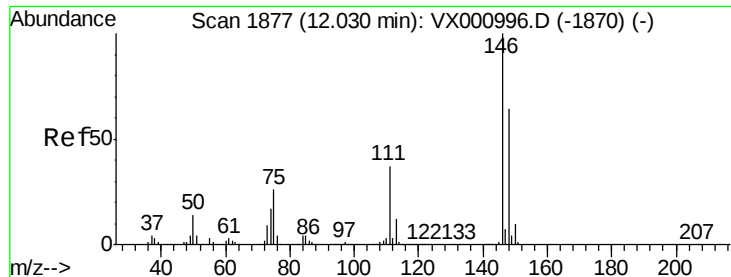
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#86
 p-Isopropyltoluene
 Concen: 48.81 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001046.D
 Acq: 21 Apr 2018 07:57

Tgt Ion:119 Resp: 630669
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.5
 91 22.4 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 48.62 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Instrument :

MSVOA_X

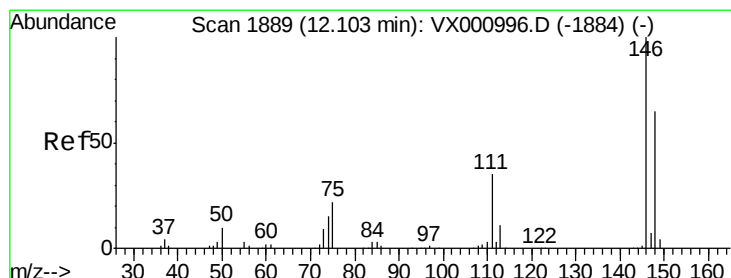
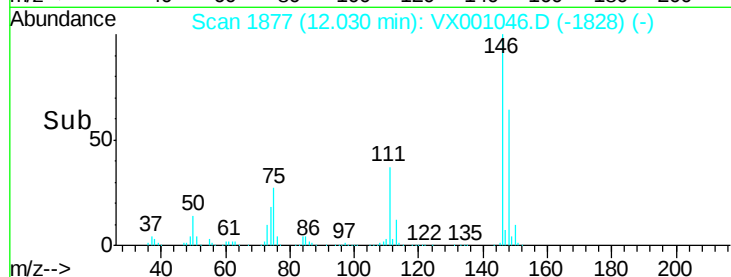
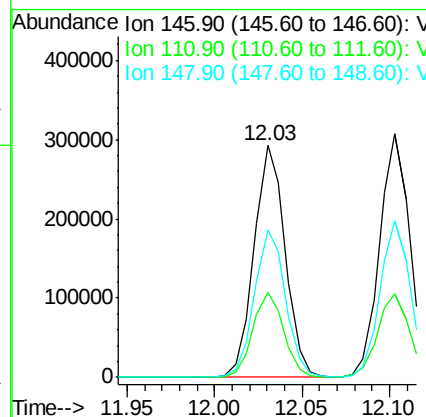
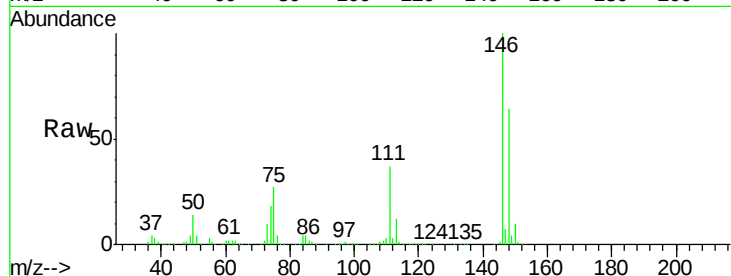
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	146	Resp:	361476
Ion Ratio	Lower	Upper	
146	100		
111	36.6	18.3	54.8
148	63.7	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.30 ug/l

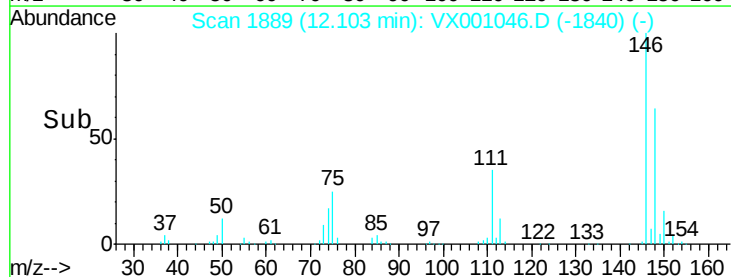
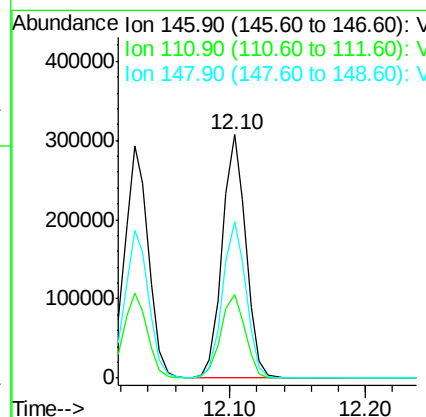
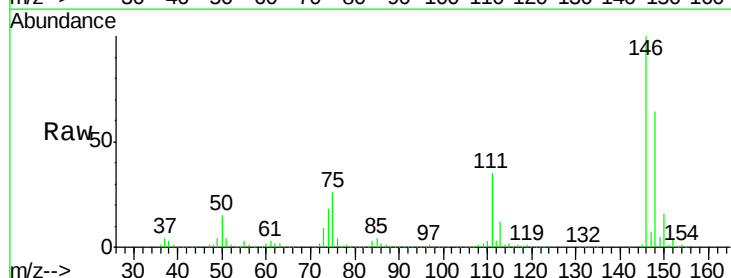
RT: 12.10 min Scan# 1889

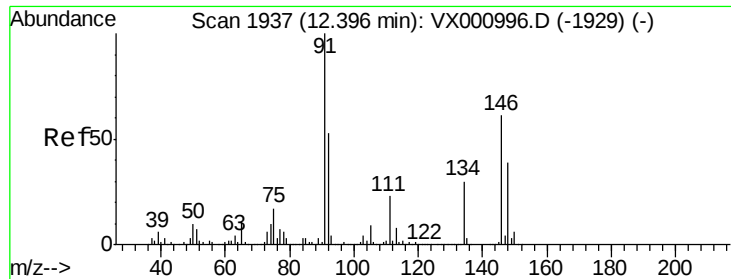
Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Tgt Ion:	146	Resp:	368607
Ion Ratio	Lower	Upper	
146	100		
111	35.8	18.0	54.0
148	64.2	32.4	97.0





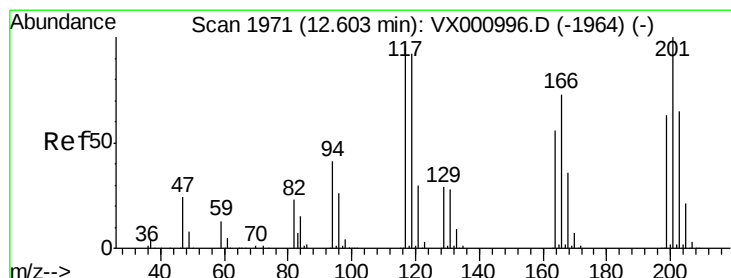
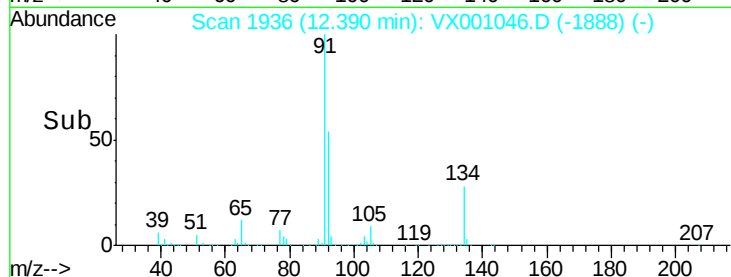
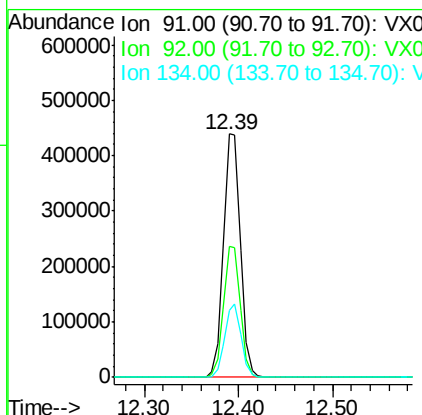
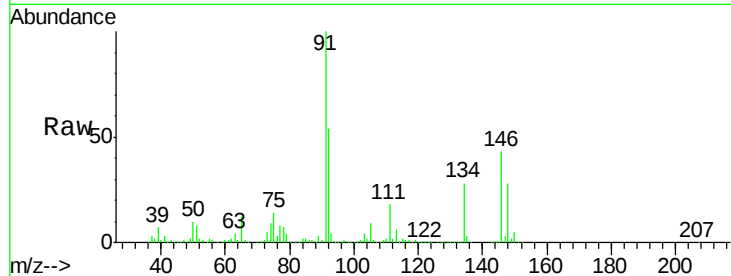
#89
n-Butylbenzene
Concen: 47.38 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.3	78.9
134	28.9	14.4	43.0

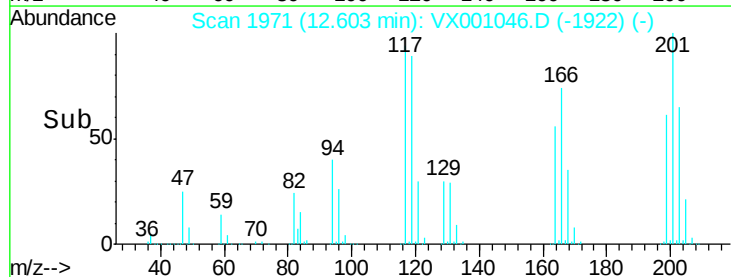
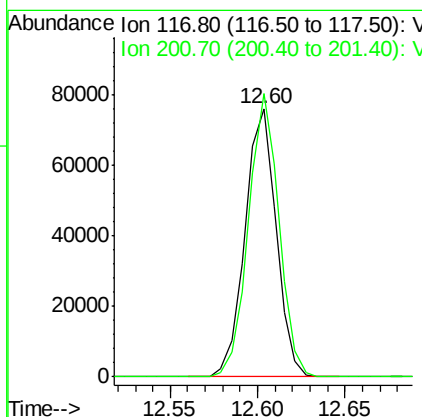
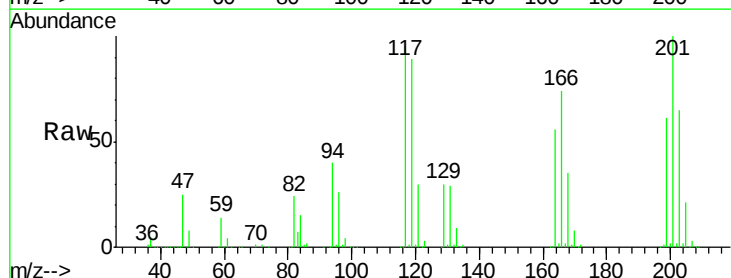
Manual Integrations
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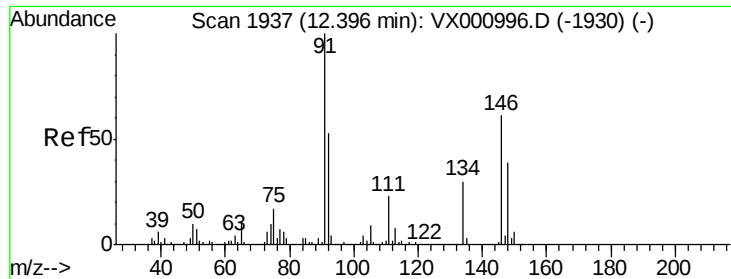
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#90
Hexachloroethane
Concen: 51.53 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001046.D
Acq: 21 Apr 2018 07:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	103.3	52.3	157.1





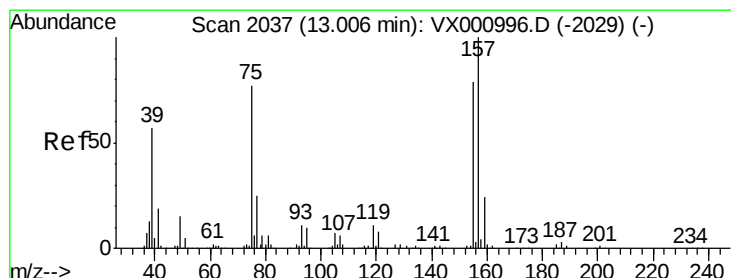
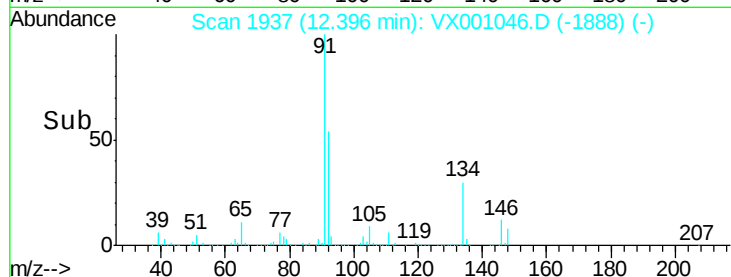
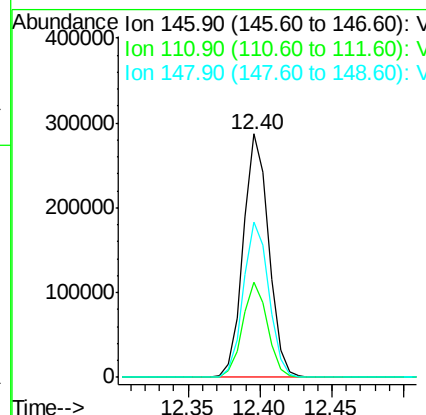
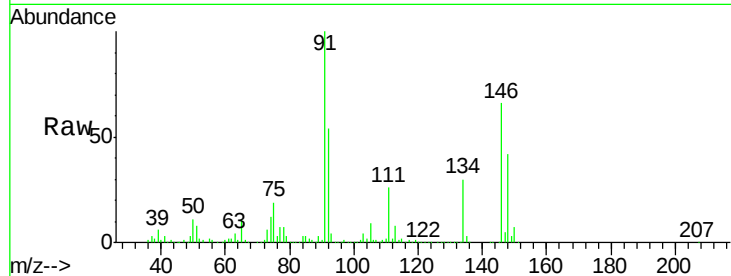
#91
 1,2-Dichlorobenzene
 Concen: 48.95 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001046.D
 Acq: 21 Apr 2018 07:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	352332		
111	38.2	18.6	56.0	
148	64.2	32.3	96.8	

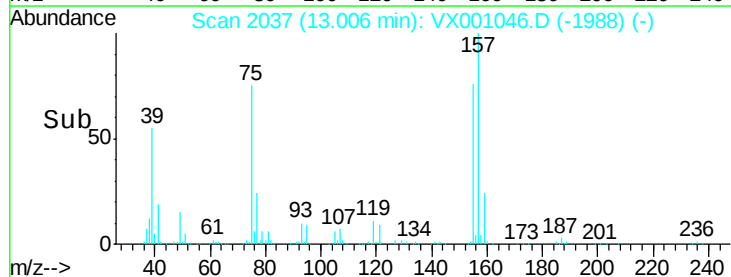
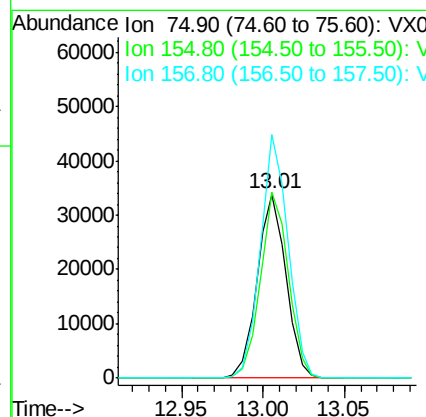
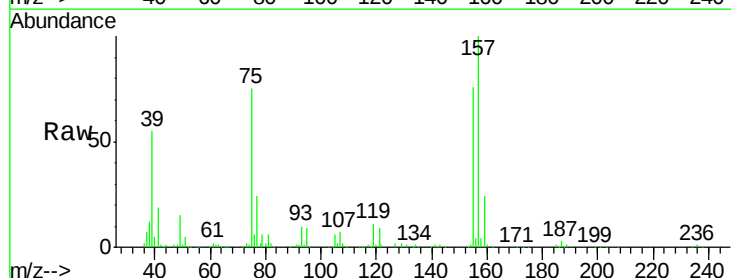
Manual Integrations
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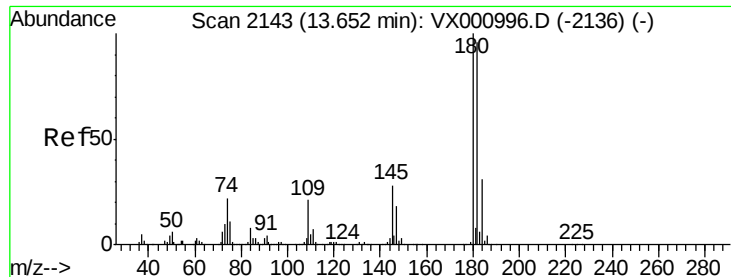
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.32 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001046.D
 Acq: 21 Apr 2018 07:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	41645		
155	98.3	51.0	153.0	
157	127.5	64.9	194.7	





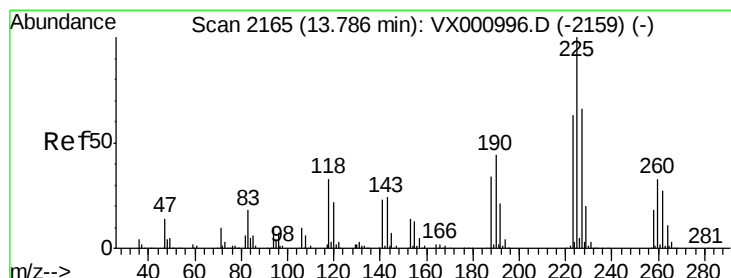
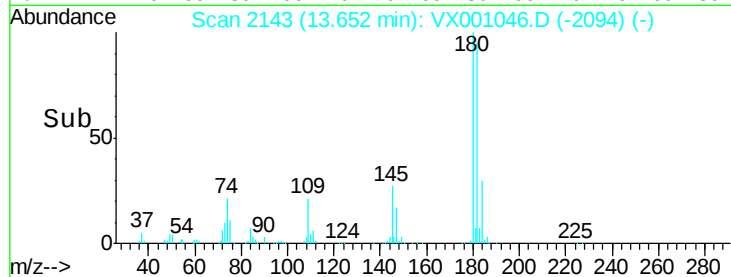
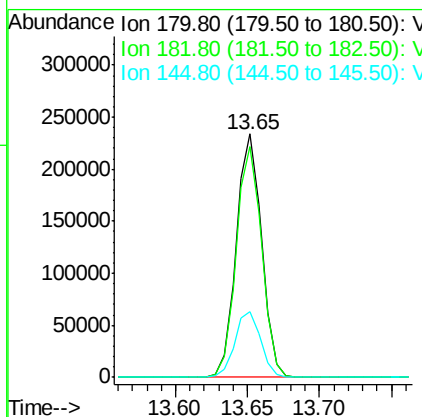
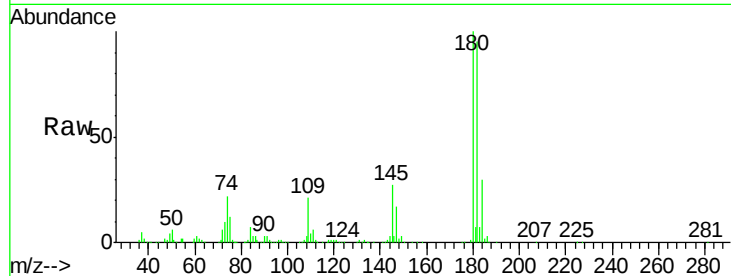
#93
 1,2,4-Trichlorobenzene
 Concen: 47.30 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001046.D
 Acq: 21 Apr 2018 07:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	285831		
182	95.4	48.0	144.0	
145	27.6	13.9	41.7	

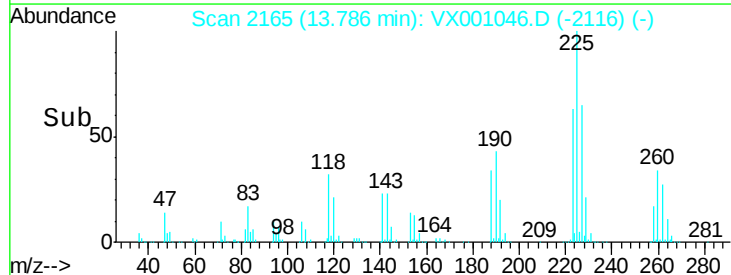
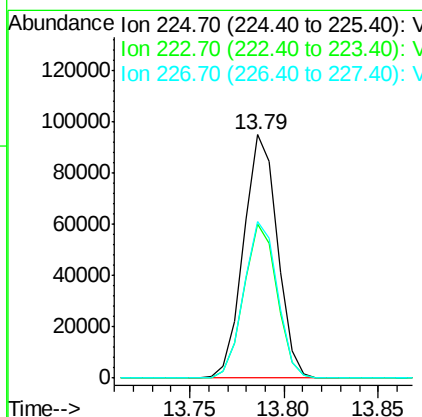
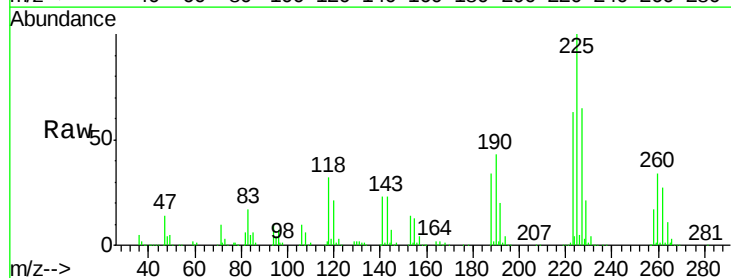
Manual Integrations
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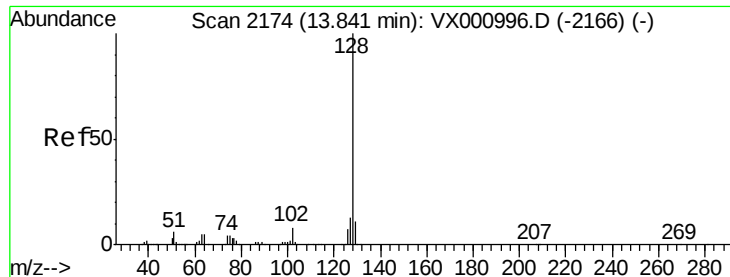
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#94
 Hexachlorobutadiene
 Concen: 43.17 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001046.D
 Acq: 21 Apr 2018 07:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	118045		
223	62.3	31.5	94.5	
227	64.2	32.6	97.8	





#95

Naphthalene

Concen: 49.95 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Instrument :

MSVOA_X

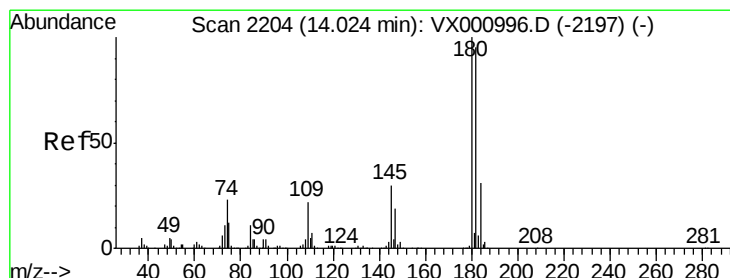
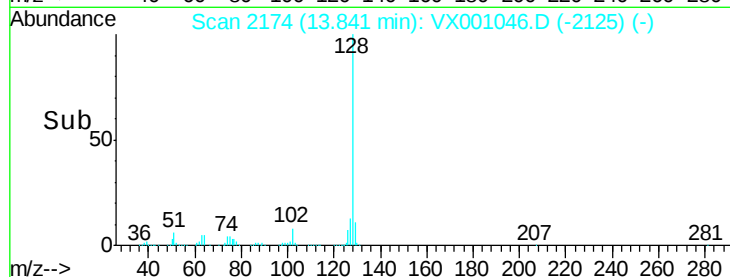
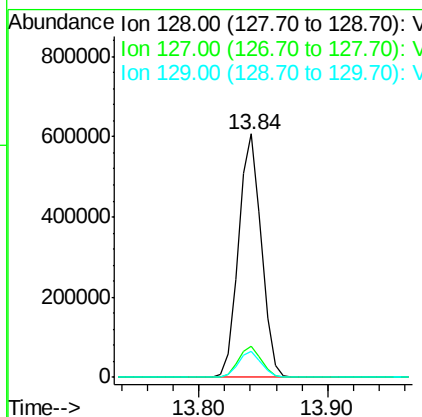
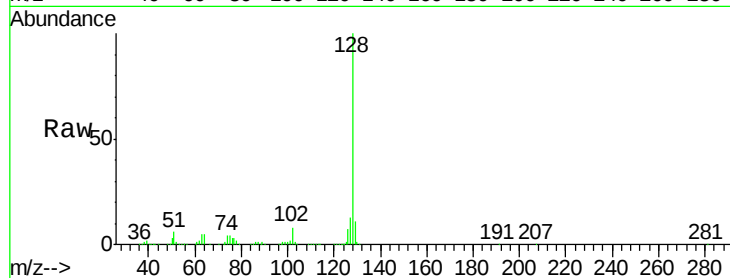
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	128	Resp:	742314
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 47.37 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001046.D

Acq: 21 Apr 2018 07:57

Tgt Ion:	180	Resp:	276842
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.9	143.7
145	29.1	14.5	43.6

