

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020119\
 Data File : VX007330.D
 Acq On : 01 Feb 2019 11:48
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 9:37:43 AM

Quant Time: Feb 02 00:46:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 00:12:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	516861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	743541	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	673429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	378849	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	782884	142.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	285.40%	
35) Dibromofluoromethane	5.51	113	719952	148.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.62%	
50) Toluene-d8	8.71	98	2719083	151.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.96%	
62) 4-Bromofluorobenzene	11.14	95	985746	150.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	945204	164.055	ug/l	98
3) Chloromethane	1.32	50	849197	145.868	ug/l	100
4) Vinyl Chloride	1.41	62	849828	148.798	ug/l	98
5) Bromomethane	1.64	94	837568	128.833	ug/l	99
6) Chloroethane	1.71	64	688229	186.281	ug/l	100
7) Trichlorofluoromethane	1.92	101	1352987	151.436	ug/l	99
8) Diethyl Ether	2.19	74	488984	145.411	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	768592	144.623	ug/l	99
10) Methyl Iodide	2.51	142	1205257	154.167	ug/l	99
11) Tert butyl alcohol	3.12	59	886103	780.471	ug/l	100
12) 1,1-Dichloroethene	2.37	96	721715	146.245	ug/l	98
13) Acrolein	2.30	56	452333	849.622	ug/l	99
14) Allyl chloride	2.73	41	1245782	154.930	ug/l	98
15) Acrylonitrile	3.16	53	2059873	733.414	ug/l	99
16) Acetone	2.46	43	1905051	758.073	ug/l	100
17) Carbon Disulfide	2.56	76	2033081	156.130	ug/l	99
18) Methyl Acetate	2.78	43	1007255	141.660	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	2380558	148.897	ug/l	100
20) Methylene Chloride	2.85	84	768007	135.190	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	750937	142.845	ug/l	97
22) Diisopropyl ether	3.87	45	2183619	147.634	ug/l	98
23) Vinyl Acetate	3.83	43	9492954	773.437	ug/l	99
24) 1,1-Dichloroethane	3.70	63	1196746	140.893	ug/l	99
25) 2-Butanone	4.71	43	2547129	712.218	ug/l	99
26) 2,2-Dichloropropane	4.58	77	1009833	156.112	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	796477	138.713	ug/l	98
28) Bromochloromethane	5.02	49	536555	137.363	ug/l	97
29) Tetrahydrofuran	5.15	42	1692227	752.346	ug/l	99
30) Chloroform	5.21	83	1274809	143.829	ug/l	100
31) Cyclohexane	5.57	56	1106023	144.981	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	1147818	153.419	ug/l	99
36) 1,1-Dichloropropene	5.80	75	966593	144.887	ug/l	99
37) Ethyl Acetate	4.86	43	997180	147.864	ug/l	100
38) Carbon Tetrachloride	5.78	117	1038351	160.431	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1223401	151.568	ug/l	99
40) Benzene	6.14	78	2855513	145.306	ug/l	99
41) Methacrylonitrile	5.06	41	548454	148.811	ug/l	99
42) 1,2-Dichloroethane	6.20	62	975116	143.412	ug/l	100
43) Isopropyl Acetate	6.46	43	1641568	157.701	ug/l	100
44) Trichloroethene	7.21	130	854109	144.307	ug/l	98
45) 1,2-Dichloropropane	7.51	63	733534	148.977	ug/l	99
46) Dibromomethane	7.66	93	521888	145.834	ug/l	99
47) Bromodichloromethane	7.90	83	980133	161.605	ug/l	100
48) Methyl methacrylate	7.77	41	840093	161.349	ug/l	98
49) 1,4-Dioxane	7.76	88	360241	2780.064	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	5174032	755.058	ug/l	99
52) Toluene	8.79	92	1902904	150.082	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	1133865	174.047	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	1210891	169.019	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	758773	143.566	ug/l	98
56) Ethyl methacrylate	9.18	69	1137097	155.340	ug/l	100
57) 1,3-Dichloropropane	9.37	76	1219136	145.049	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	3080459	798.403	ug/l	100
59) 2-Hexanone	9.50	43	4094307	767.819	ug/l	99
60) Dibromochloromethane	9.59	129	863196	172.689	ug/l	98
61) 1,2-Dibromoethane	9.67	107	823924	147.206	ug/l	99
64) Tetrachloroethene	9.34	164	875625	137.953	ug/l	99
65) Chlorobenzene	10.14	112	2140106	145.630	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	799119	162.193	ug/l	99
67) Ethyl Benzene	10.25	91	3588369	151.630	ug/l	99
68) m/p-Xylenes	10.36	106	2887621	306.956	ug/l	99
69) o-Xylene	10.70	106	1387589	153.288	ug/l	99
70) Styrene	10.71	104	2284506	155.615	ug/l	100
71) Bromoform	10.86	173	712554	186.917	ug/l	100
73) Isopropylbenzene	11.02	105	3677731	142.853	ug/l	99
74) N-amyl acetate	10.90	43	1600246	160.703	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	1168842	148.973	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	1049516m	136.642	ug/l	
77) Bromobenzene	11.26	156	1014878	139.911	ug/l	99
78) n-propylbenzene	11.36	91	4168710	147.665	ug/l	100
79) 2-Chlorotoluene	11.42	91	2403045	140.284	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	3141777	149.165	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	392912	185.122	ug/l	94
82) 4-Chlorotoluene	11.51	91	2954629	149.065	ug/l	100
83) tert-Butylbenzene	11.77	119	3158491	151.465	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	3175987	148.527	ug/l	100
85) sec-Butylbenzene	11.94	105	3787161	150.054	ug/l	100
86) p-Isopropyltoluene	12.07	119	3461602	151.938	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	1863671	143.161	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1890942	143.273	ug/l	99
89) n-Butylbenzene	12.39	91	3175574	162.028	ug/l	99
90) Hexachloroethane	12.60	117	595803	174.734	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	1868878	144.255	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	262771	161.069	ug/l	97

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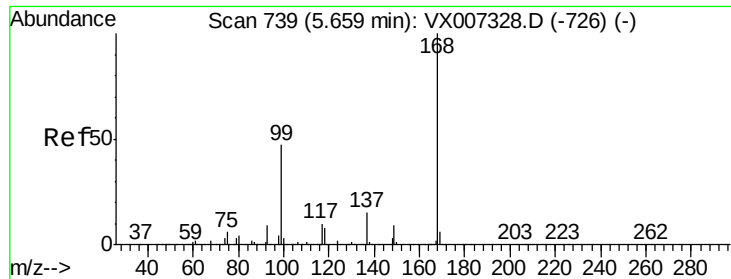
Manual Integrations
APPROVED

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1361258	155.804	ug/l	100
94) Hexachlorobutadiene	13.78	225	639513	150.741	ug/l	98
95) Naphthalene	13.83	128	3953277	154.729	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	1329867	151.214	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 516861

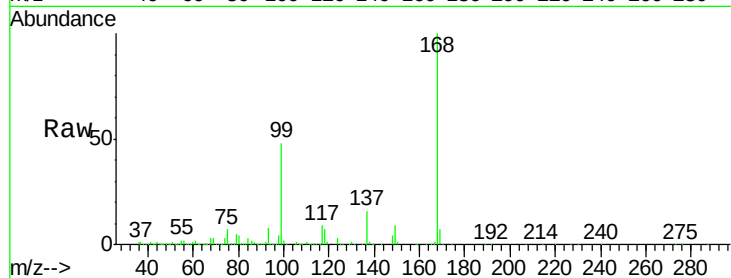
Ion Ratio Lower Upper

168 100

99 47.7 37.9 56.9

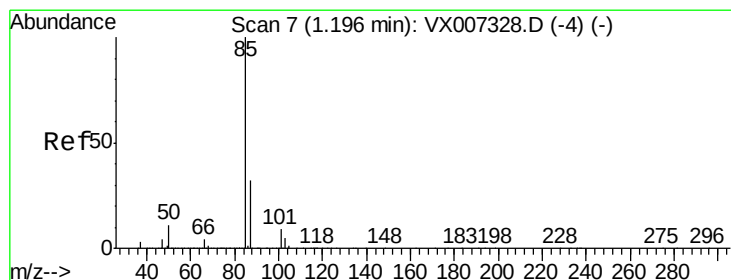
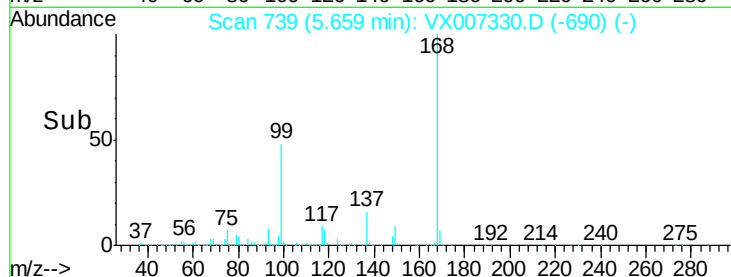
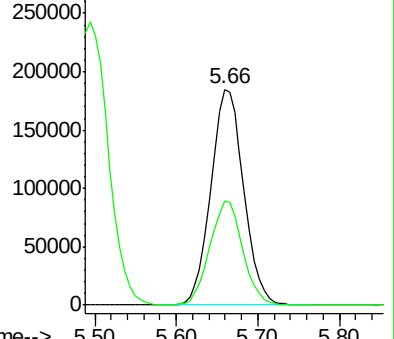
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 164.055 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007330.D

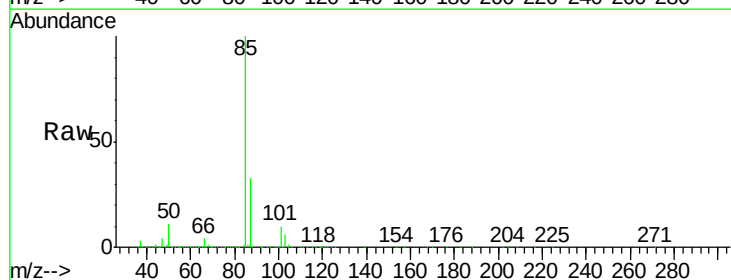
Acq: 01 Feb 2019 11:48

Tgt Ion: 85 Resp: 945204

Ion Ratio Lower Upper

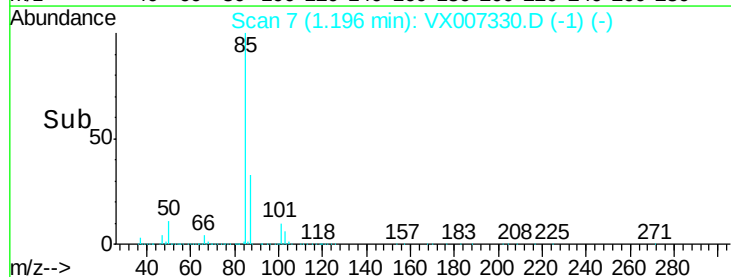
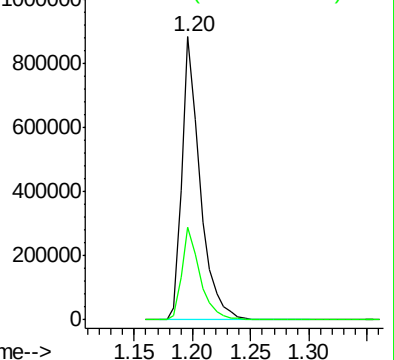
85 100

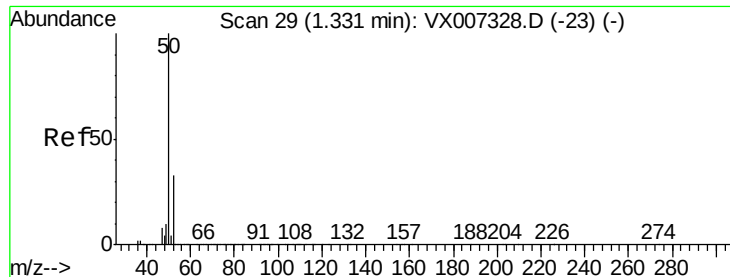
87 32.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





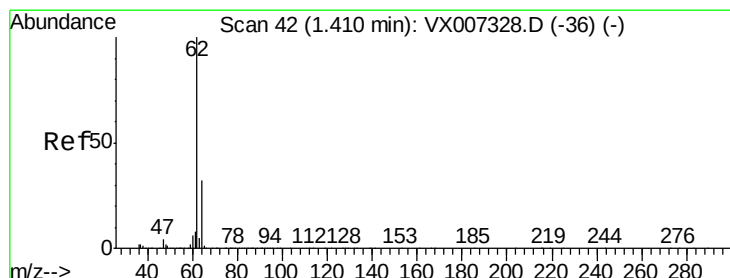
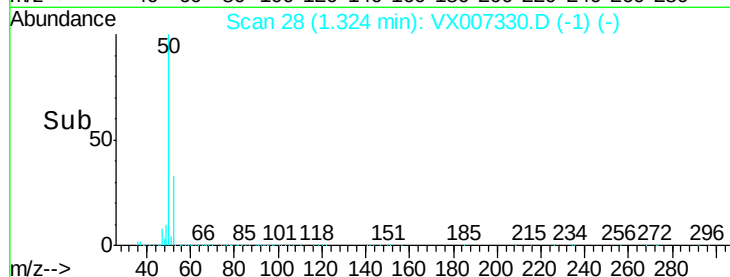
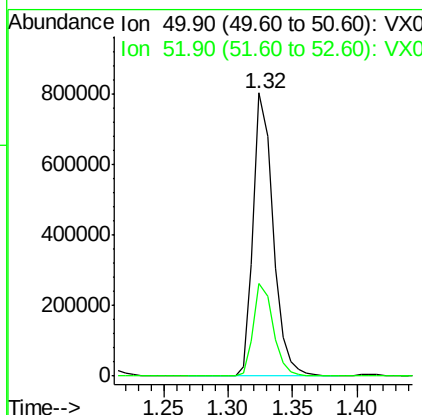
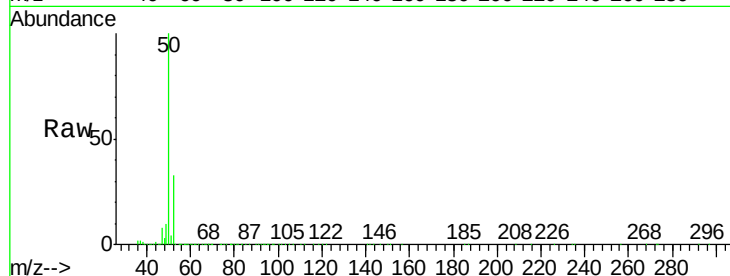
#3
Chloromethane
Concen: 145.868 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.01 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Instrument :
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ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.8	26.1	39.1

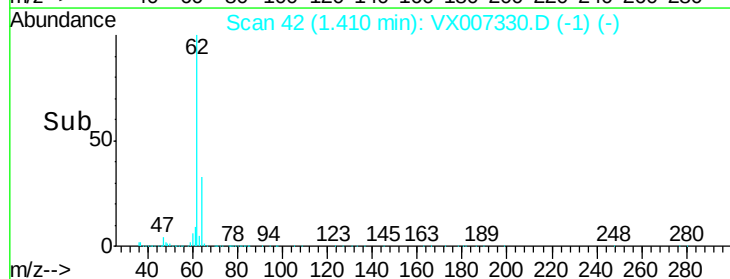
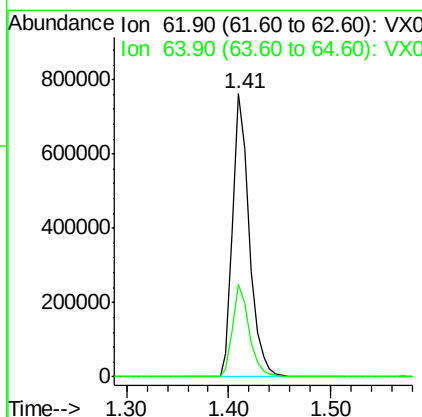
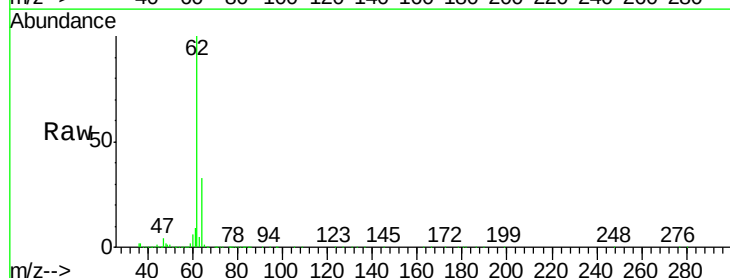
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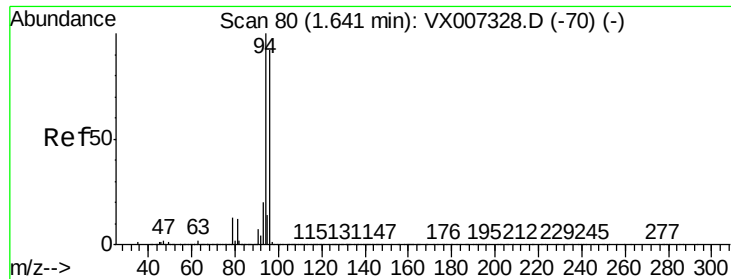
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#4
Vinyl Chloride
Concen: 148.798 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.4	38.0





#5

Bromomethane

Concen: 128.833 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 837568

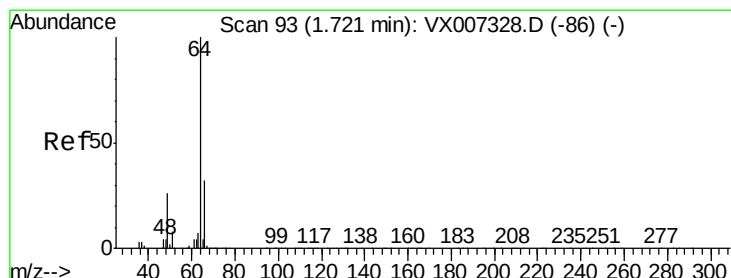
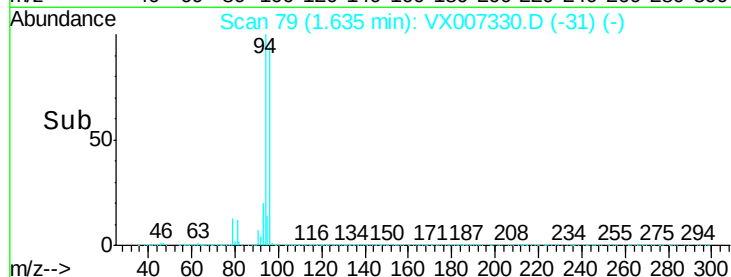
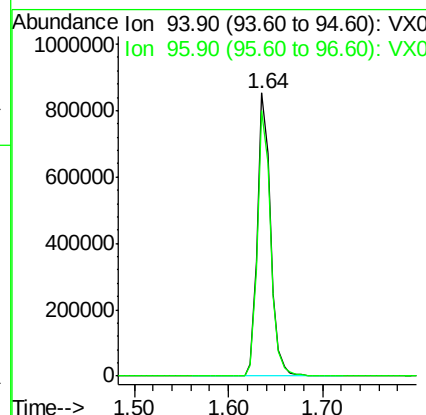
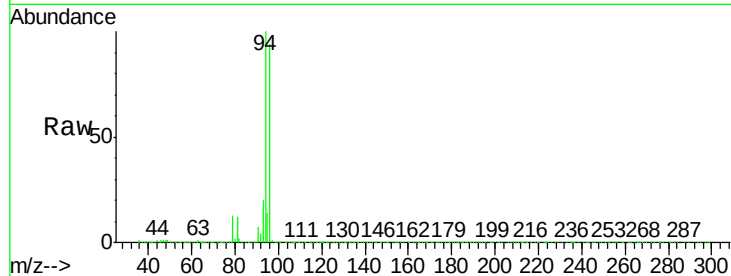
Ion Ratio Lower Upper

94 100

96 93.6 73.9 110.9

Manual Integrations
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#6

Chloroethane

Concen: 186.281 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX007330.D

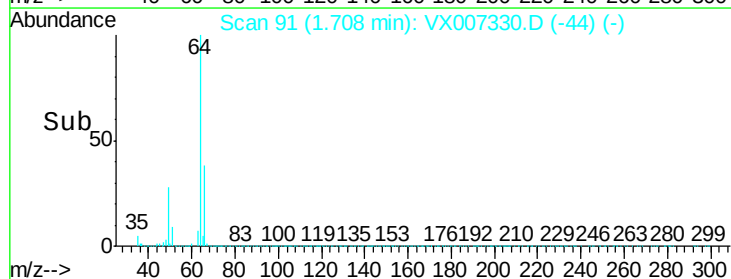
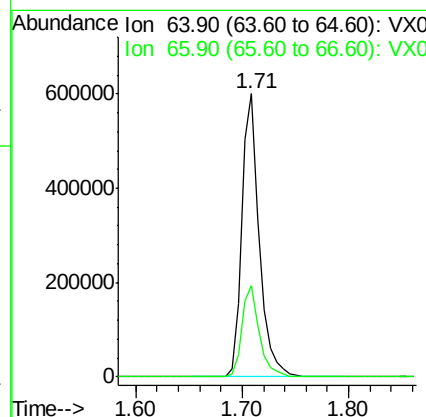
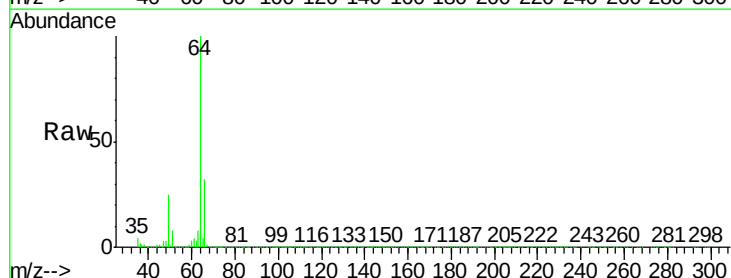
Acq: 01 Feb 2019 11:48

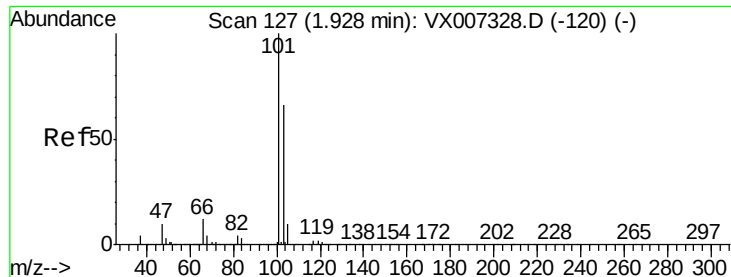
Tgt Ion: 64 Resp: 688229

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3





#7

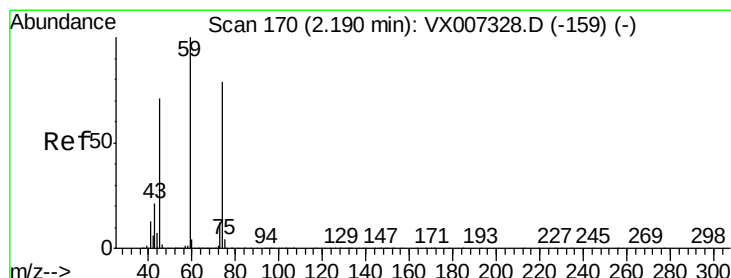
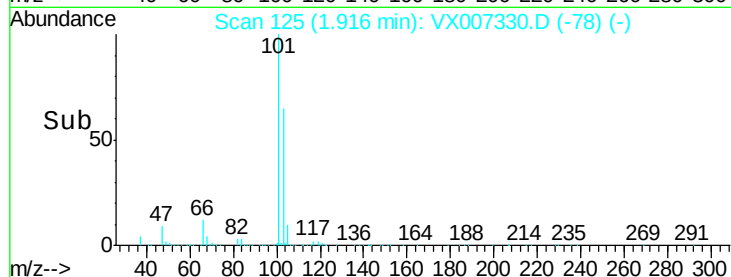
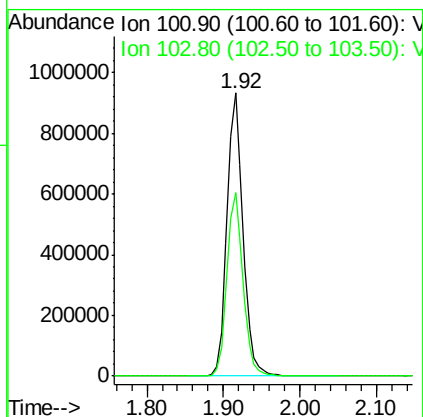
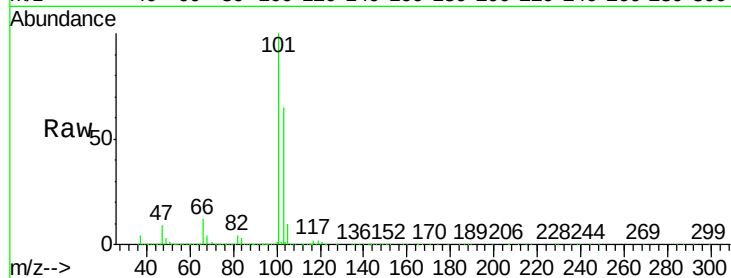
Trichlorofluoromethane
Concen: 151.436 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion:101 Resp: 1352987
Ion Ratio Lower Upper
101 100
103 65.0 52.6 79.0

Manual Integrations
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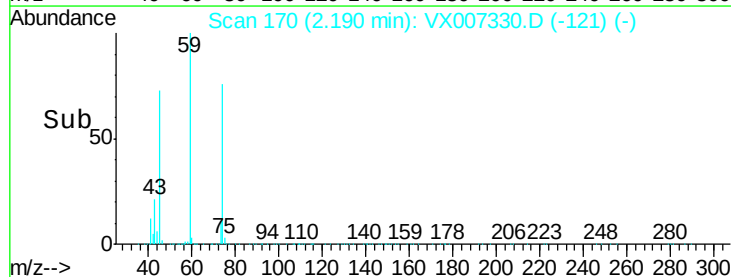
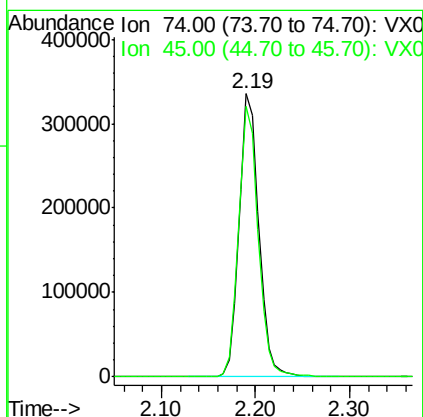
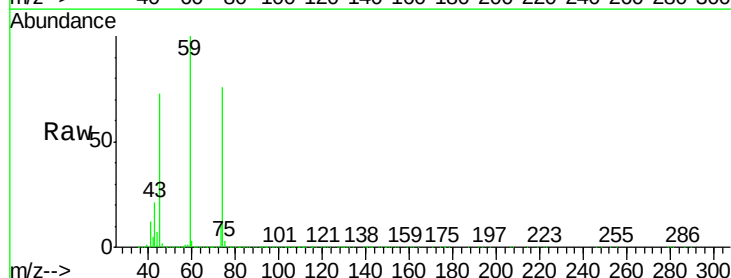
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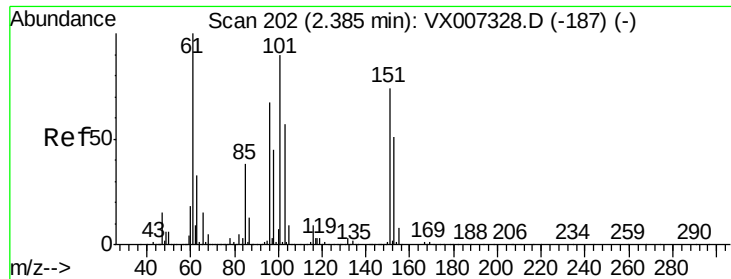


#8

Diethyl Ether
Concen: 145.411 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Tgt Ion: 74 Resp: 488984
Ion Ratio Lower Upper
74 100
45 95.0 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 144.623 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Instrument :

MSVOA_X

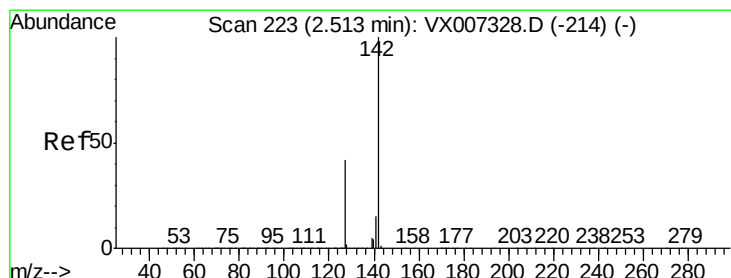
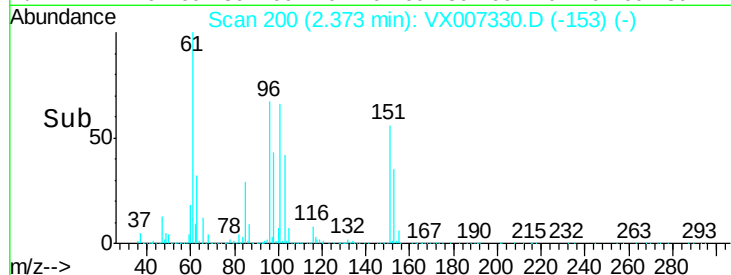
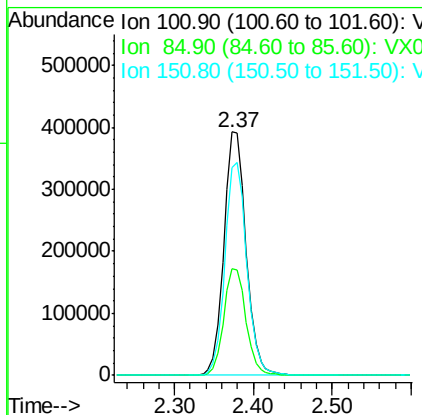
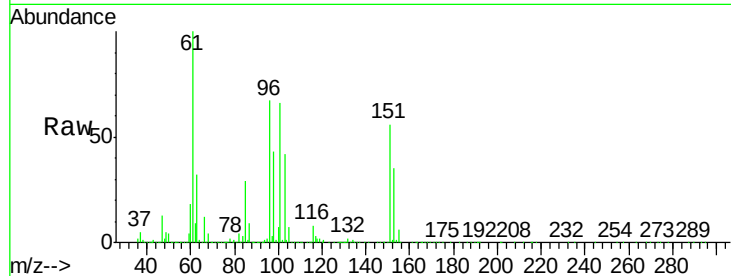
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	768592
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.1	51.1
151	86.4	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 154.167 ug/l

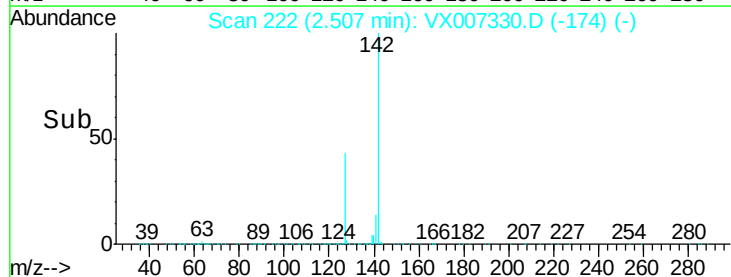
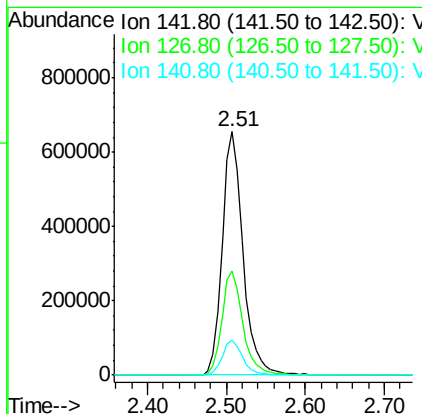
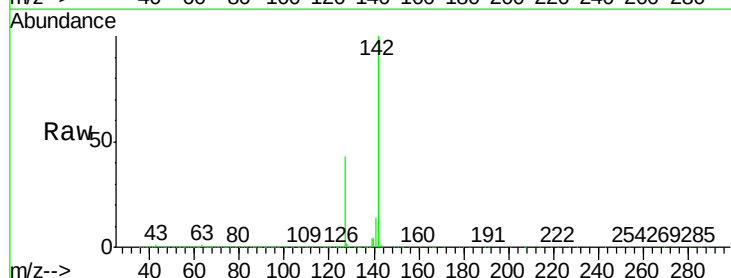
RT: 2.51 min Scan# 222

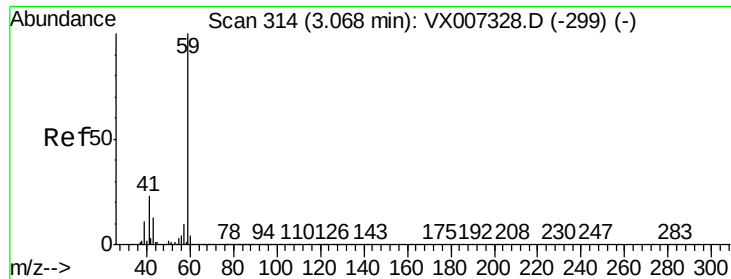
Delta R.T. -0.01 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Tgt Ion:	142	Resp:	1205257
Ion Ratio	Lower	Upper	
142	100		
127	42.9	33.7	50.5
141	14.3	11.3	16.9





#11

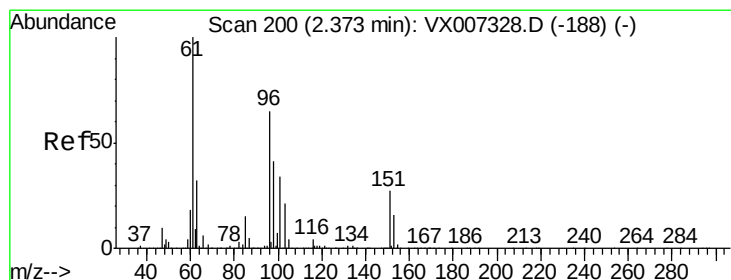
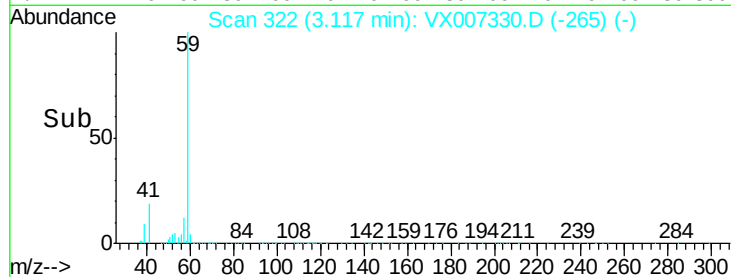
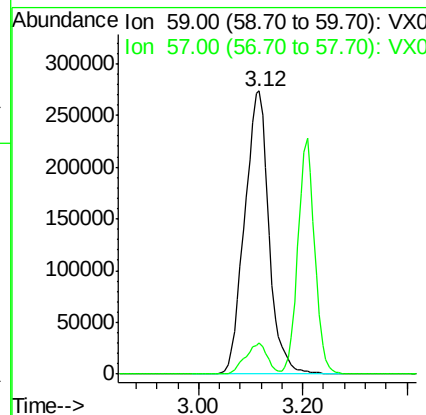
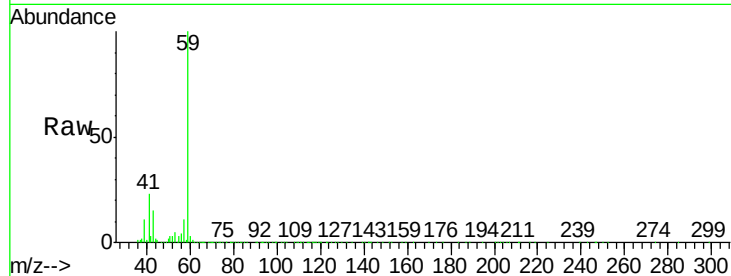
Tert butyl alcohol
Concen: 780.471 ug/l
RT: 3.12 min Scan# 322
Delta R.T. 0.05 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.1	8.1	12.1

Manual Integrations
APPROVED

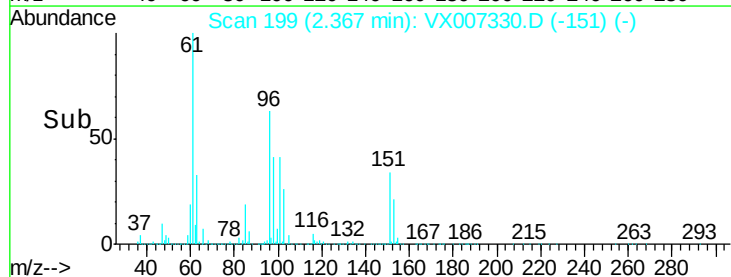
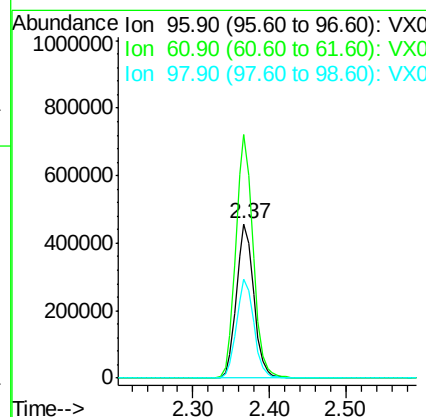
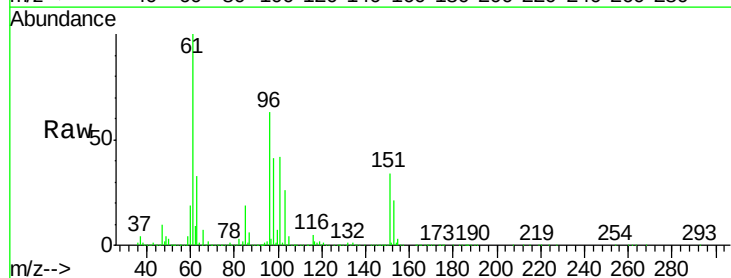
MMDadoda
2/4/2019 9:37:43 AM

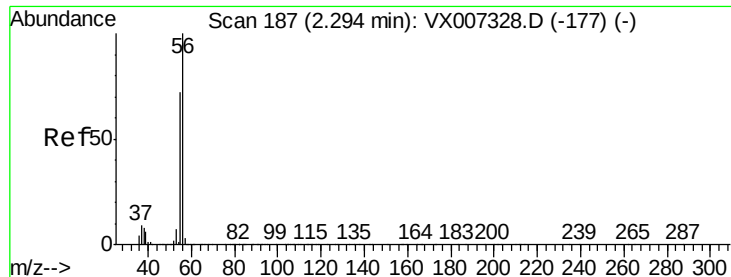


#12

1,1-Dichloroethene
Concen: 146.245 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	157.7	123.0	184.4
98	98	64.0	50.9	76.3





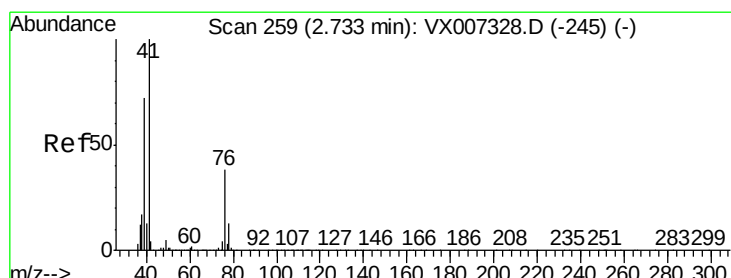
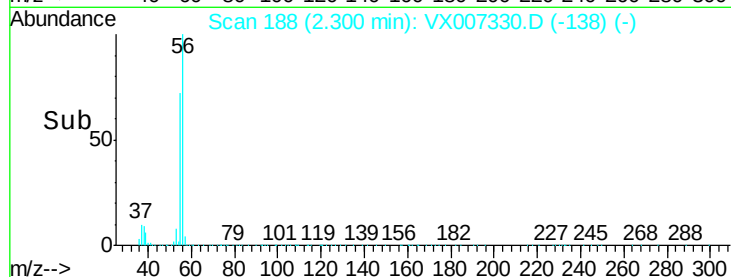
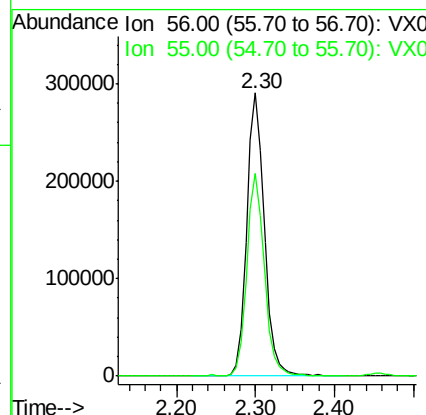
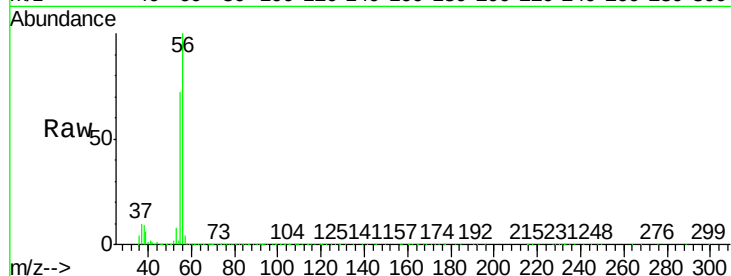
#13
Acrolein
Concen: 849.622 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	70.4	56.9	85.3

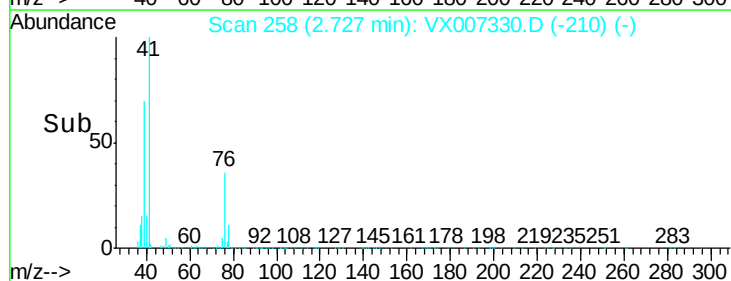
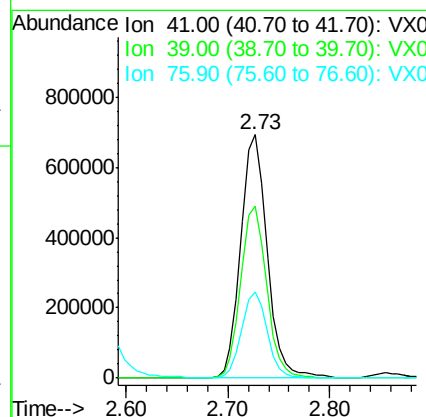
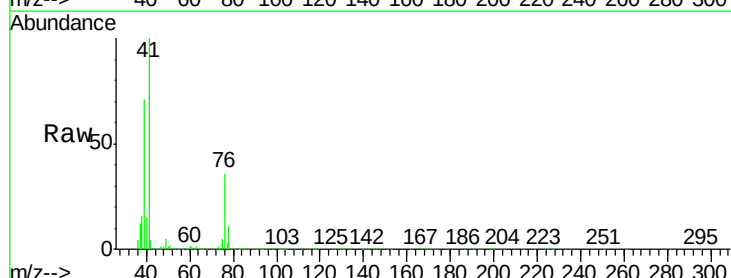
Manual Integrations
APPROVED

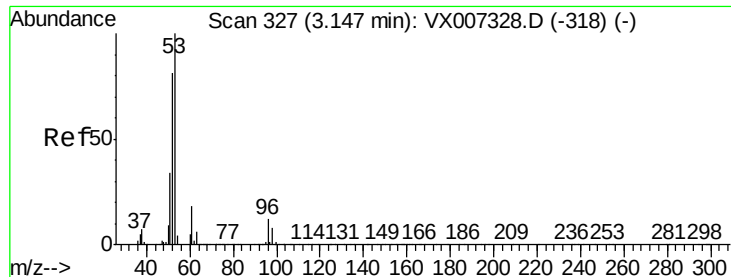
MMDadoda
2/4/2019 9:37:43 AM



#14
Allyl chloride
Concen: 154.930 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.01 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	69.3	54.1	81.1
76	76	34.5	27.8	41.8





#15

Acrylonitrile

Concen: 733.414 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX007330.D

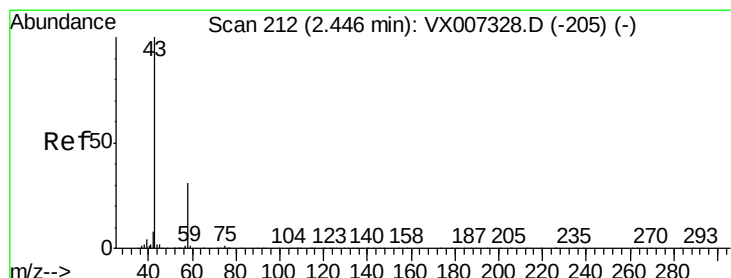
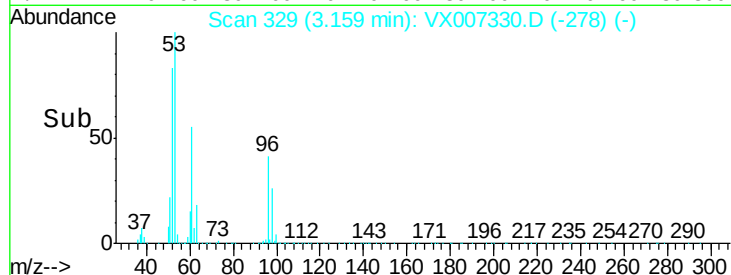
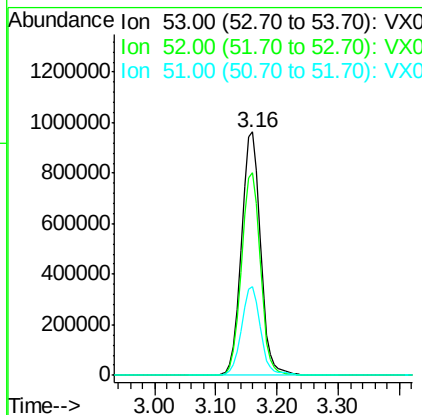
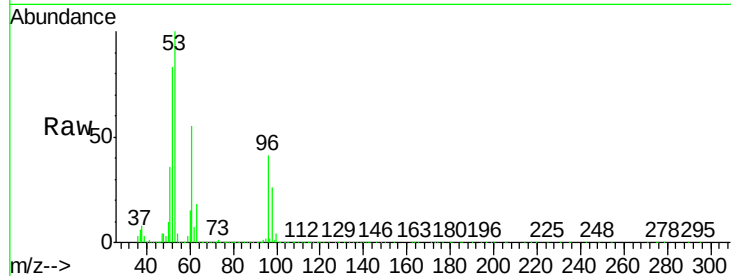
Acq: 01 Feb 2019 11:48

Tot Ion:	53	Resp:	2059873
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.4	99.6
51	36.7	28.4	42.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Manual Integrations
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2/4/2019 9:37:43 AM



#16

Acetone

Concen: 758.073 ug/l

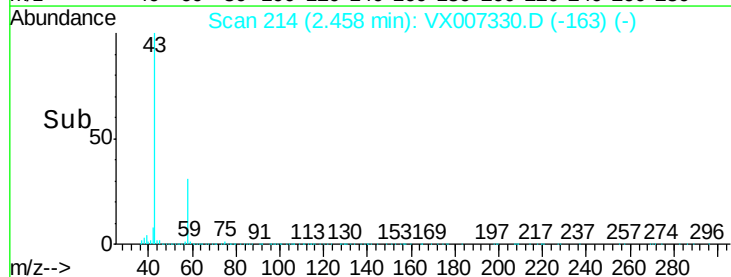
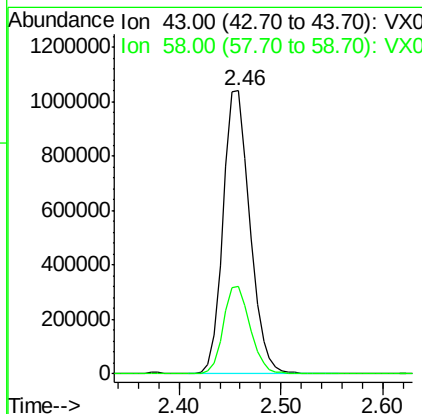
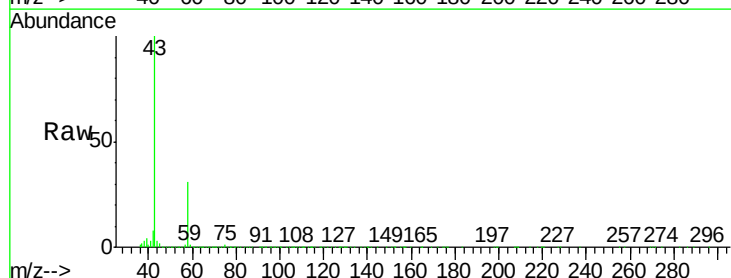
RT: 2.46 min Scan# 214

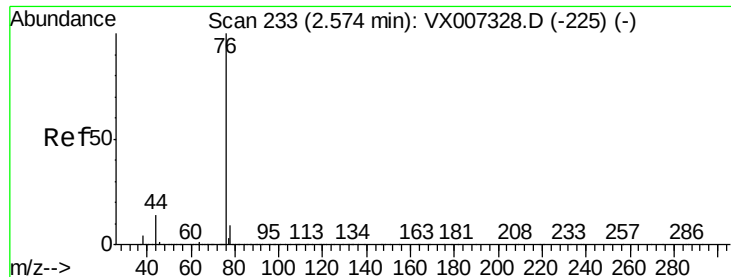
Delta R.T. 0.01 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Tgt Ion:	43	Resp:	1905051
Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.9	37.3





#17

Carbon Disulfide

Concen: 156.130 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Tot Ion: 76 Resp: 2033081

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

Instrument :

MSVOA_X

ClientSampleId :

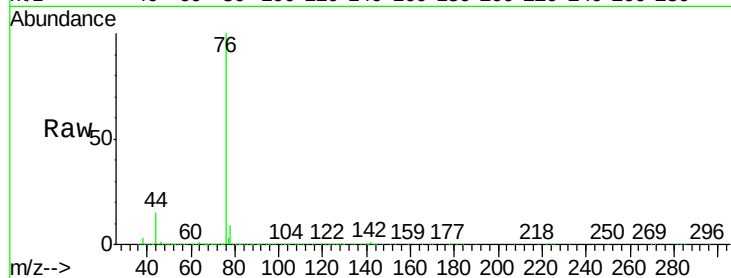
VSTDICC150

Manual Integrations

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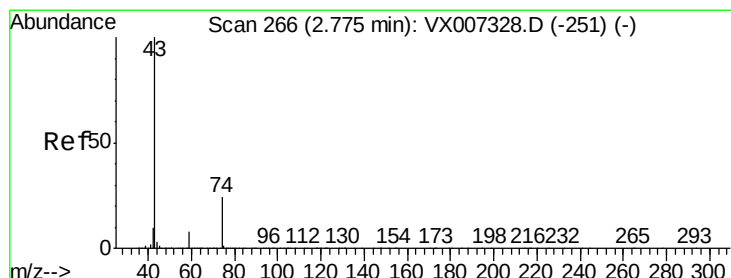
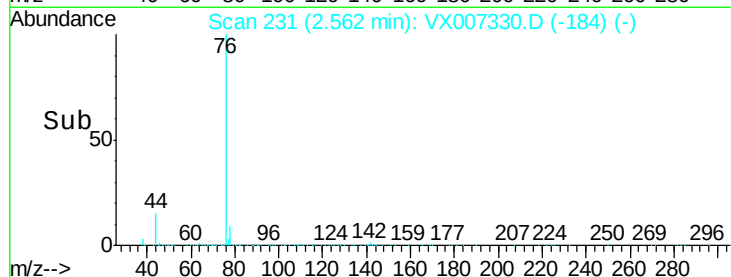
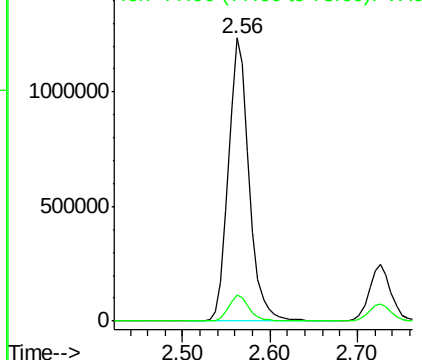
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 141.660 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007330.D

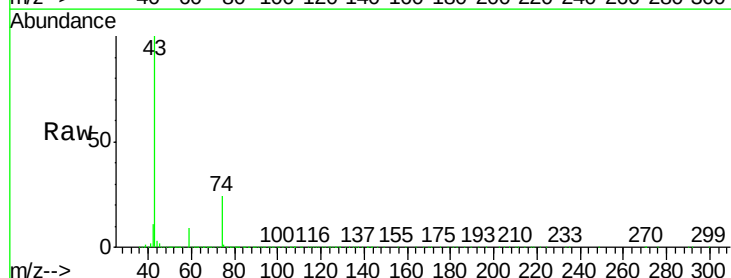
Acq: 01 Feb 2019 11:48

Tgt Ion: 43 Resp: 1007255

Ion Ratio Lower Upper

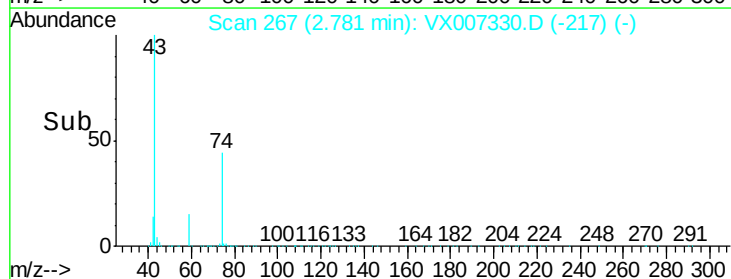
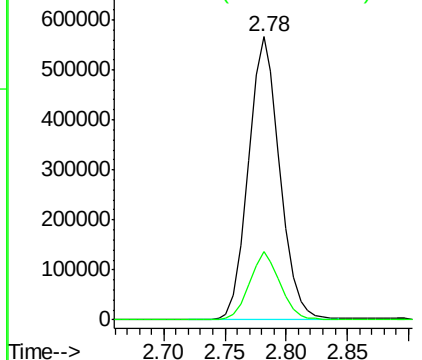
43 100

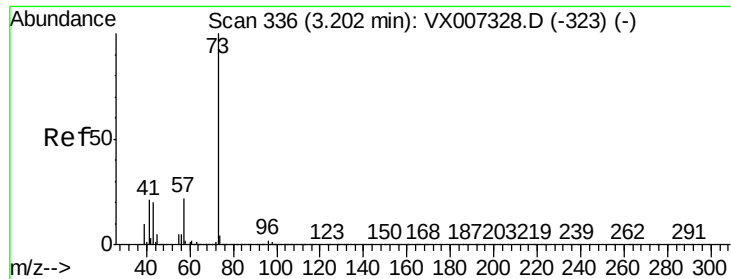
74 23.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





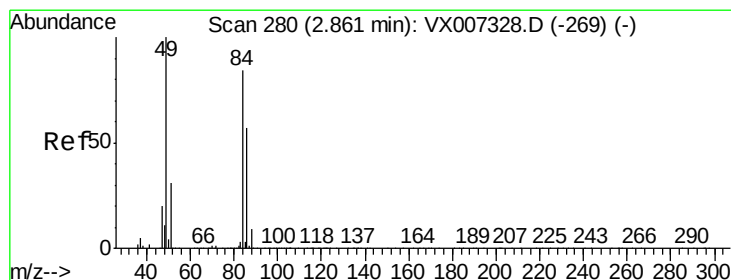
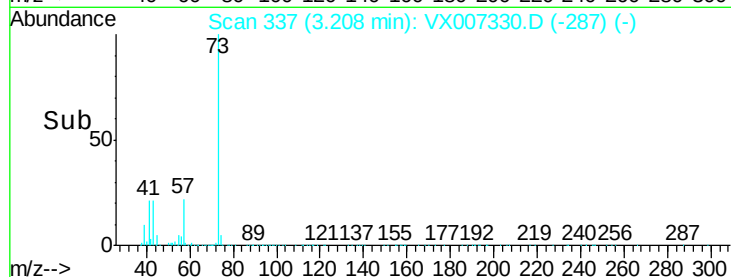
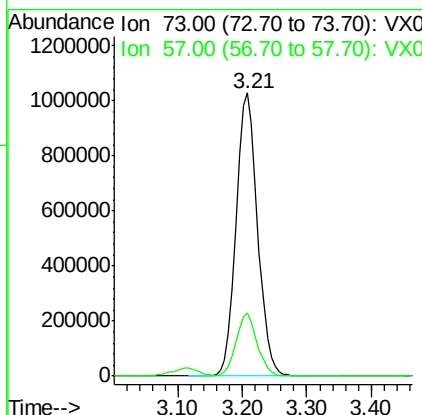
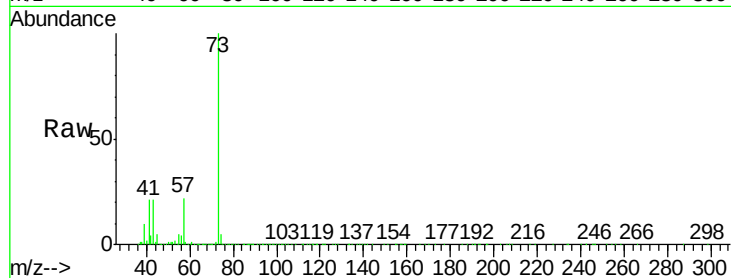
#19
Methyl tert-butyl Ether
Concen: 148.897 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion: 73 Resp: 2380558
Ion Ratio Lower Upper
73 100
57 22.1 17.8 26.8

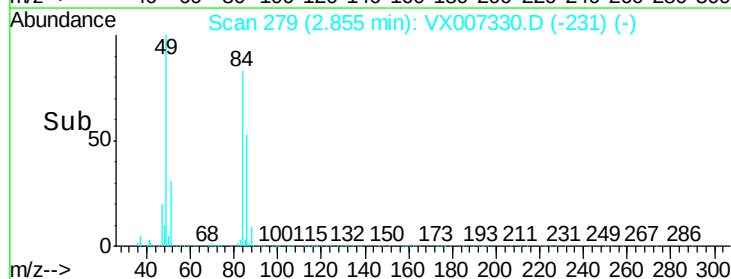
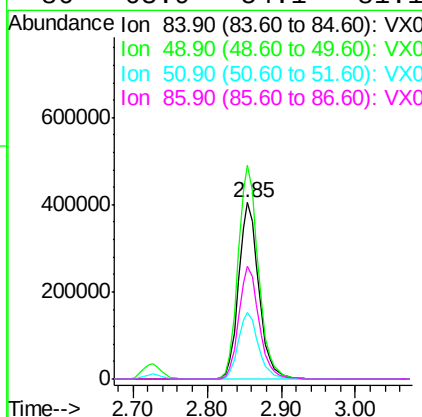
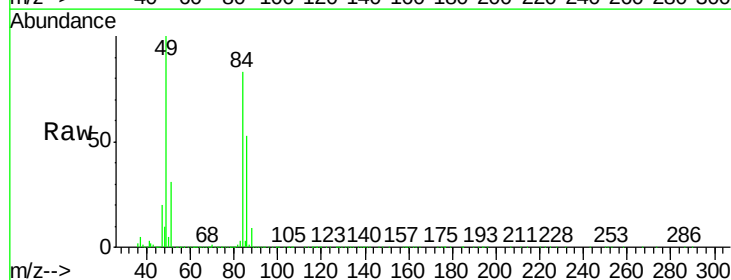
Manual Integrations
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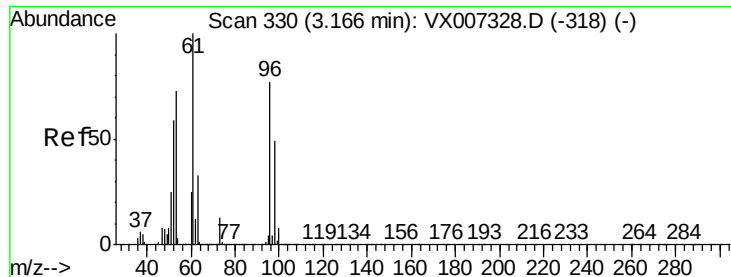
MMDadoda
2/4/2019 9:37:43 AM



#20
Methylene Chloride
Concen: 135.190 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Tgt Ion: 84 Resp: 768007
Ion Ratio Lower Upper
84 100
49 120.9 94.8 142.2
51 37.8 29.8 44.8
86 63.9 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 142.845 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Instrument :

MSVOA_X

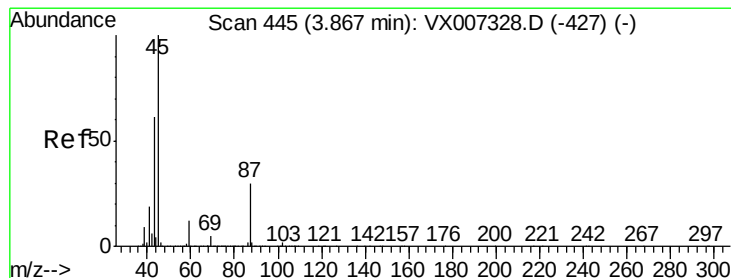
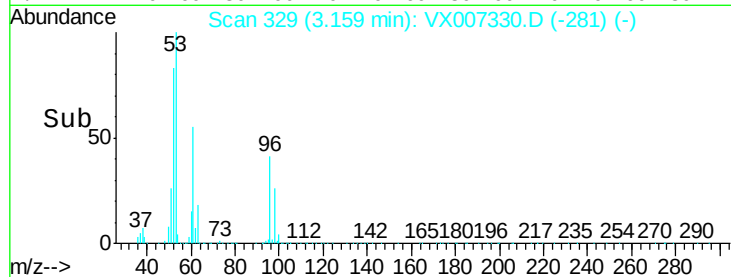
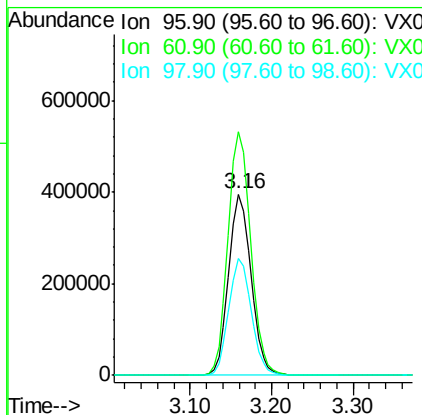
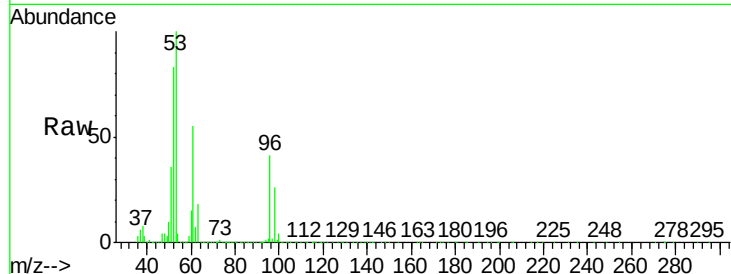
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	750937
Ion Ratio	Lower	Upper	
96	100		
61	134.5	104.6	156.8
98	64.5	51.0	76.4

Manual Integrations
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2/4/2019 9:37:43 AM



#22

Diisopropyl ether

Concen: 147.634 ug/l

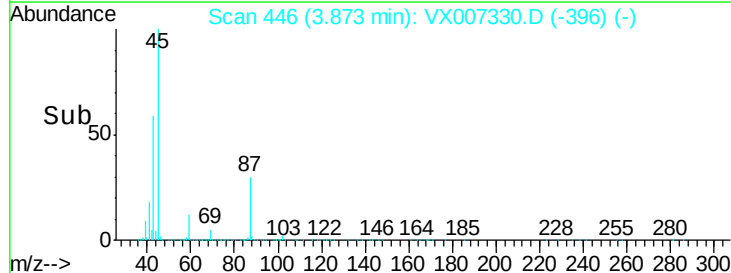
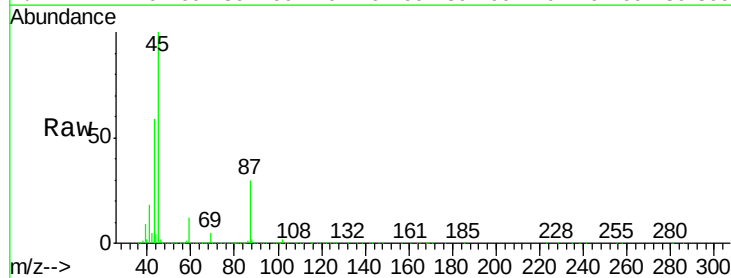
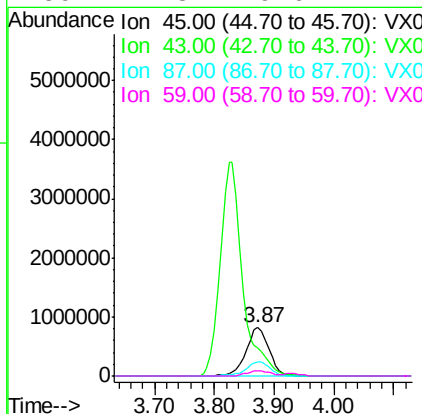
RT: 3.87 min Scan# 446

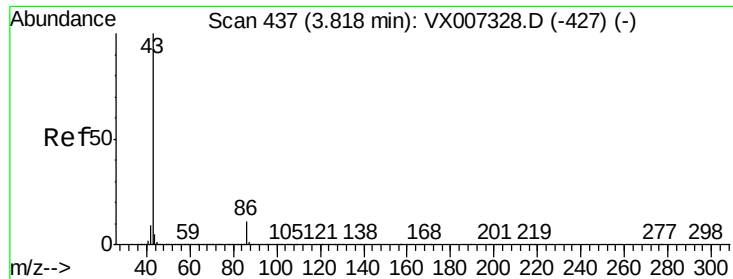
Delta R.T. 0.01 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Tgt Ion:	45	Resp:	2183619
Ion Ratio	Lower	Upper	
45	100		
43	58.9	48.9	73.3
87	29.7	23.9	35.9
59	11.8	9.6	14.4





#23

Vinyl Acetate

Concen: 773.437 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 9492954

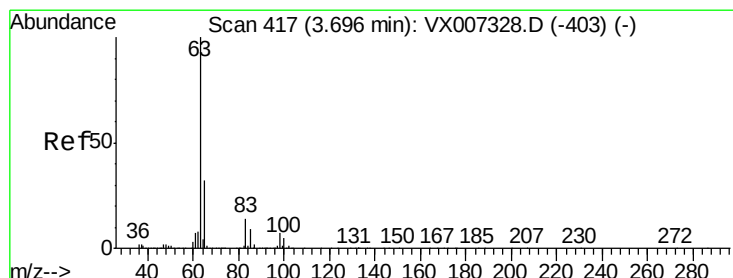
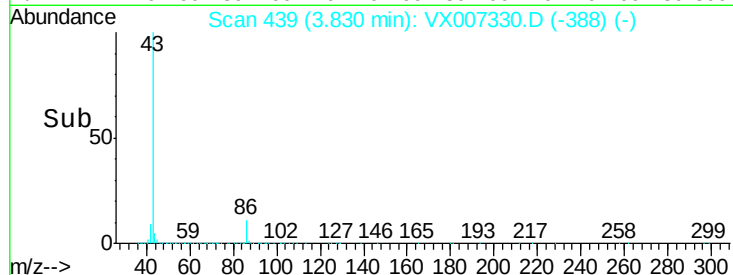
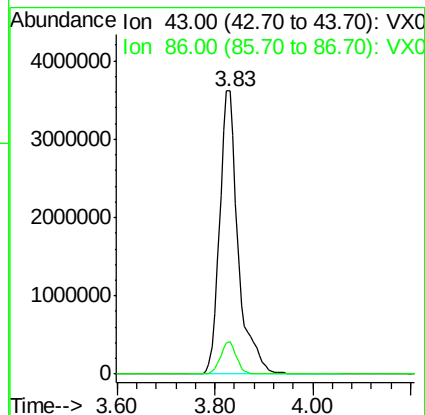
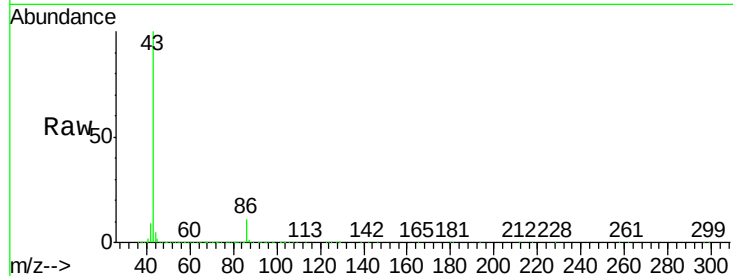
Ion Ratio Lower Upper

43 100

86 11.4 8.7 13.1

Manual Integrations
APPROVED

MMDadoda
2/4/2019 9:37:43 AM



#24

1,1-Dichloroethane

Concen: 140.893 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

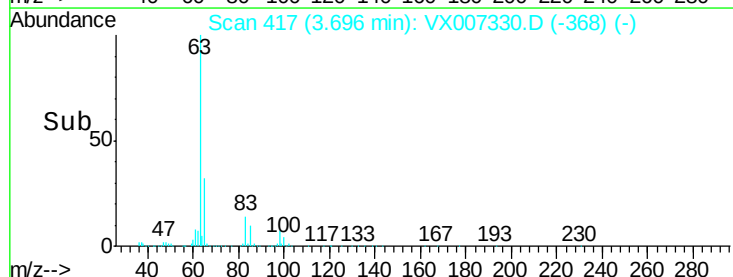
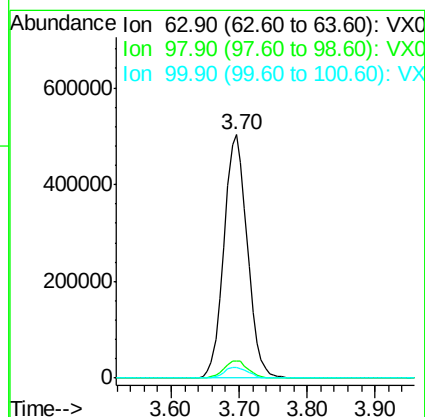
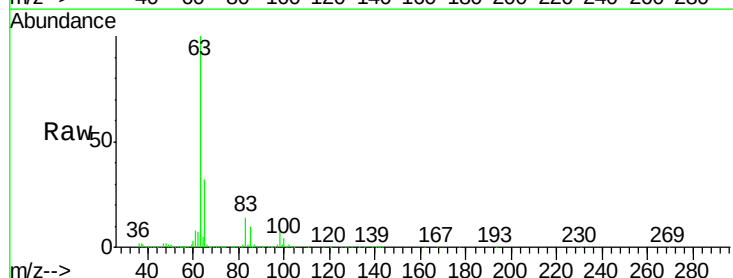
Tgt Ion: 63 Resp: 1196746

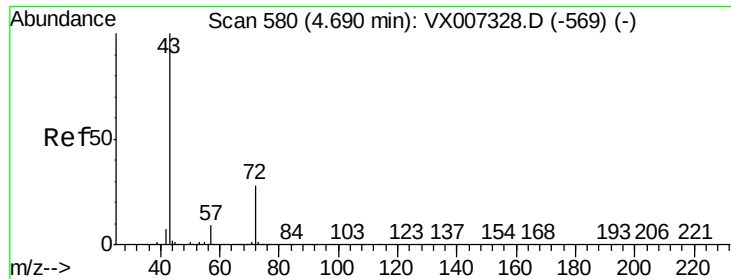
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.5 2.5 7.4





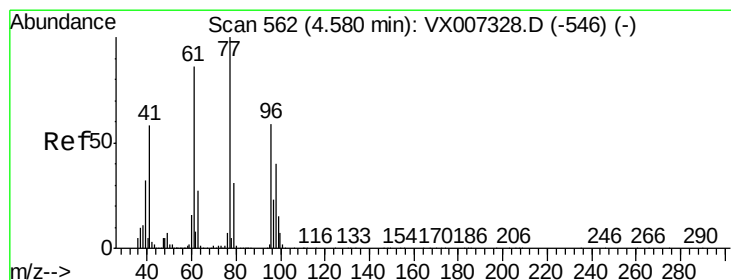
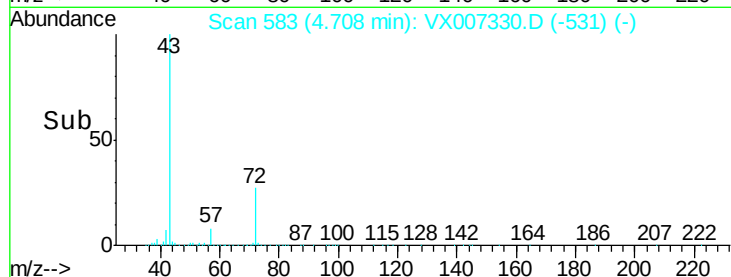
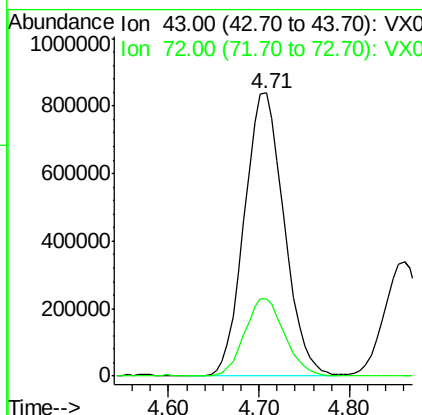
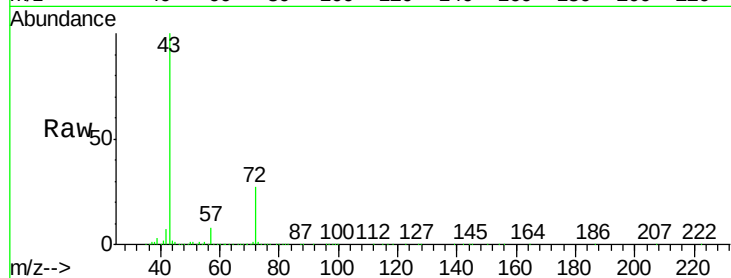
#25
2-Butanone
Concen: 712.218 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.02 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2547129
Ion Ratio Lower Upper
43 100
72 27.0 22.2 33.2

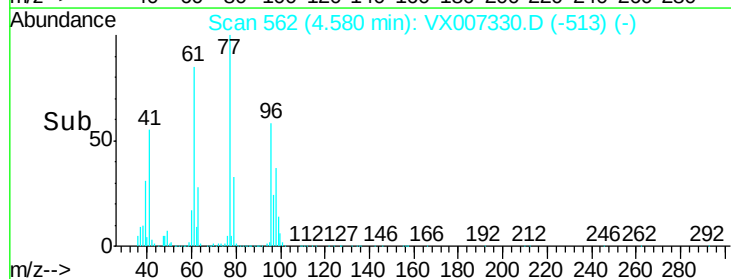
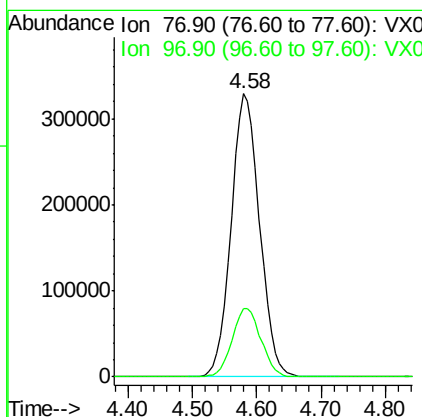
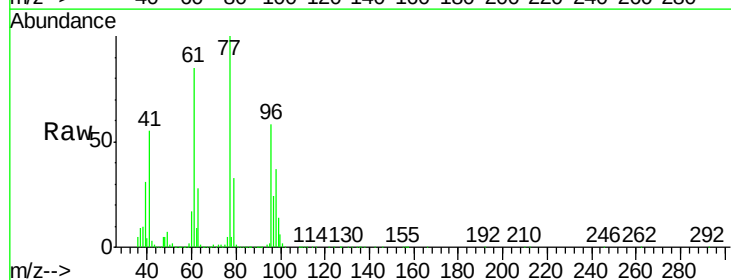
Manual Integrations
APPROVED

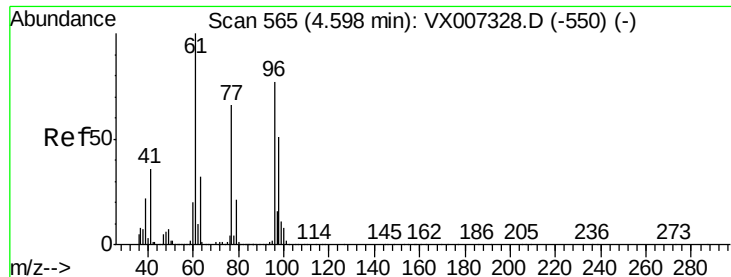
MMDadoda
2/4/2019 9:37:43 AM



#26
2,2-Dichloropropane
Concen: 156.112 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.00 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Tgt Ion: 77 Resp: 1009833
Ion Ratio Lower Upper
77 100
97 24.6 12.1 36.3





#27

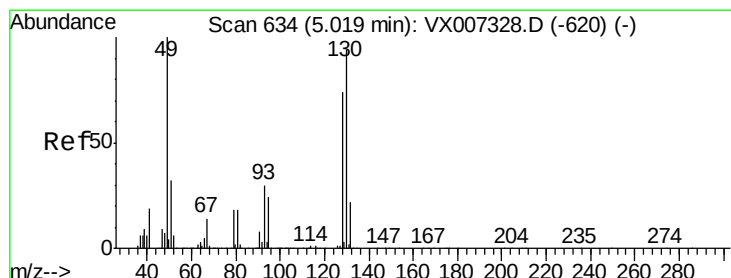
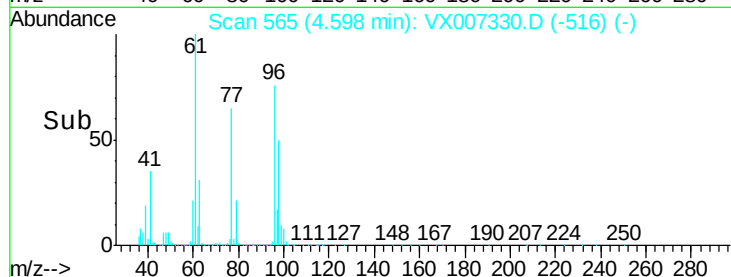
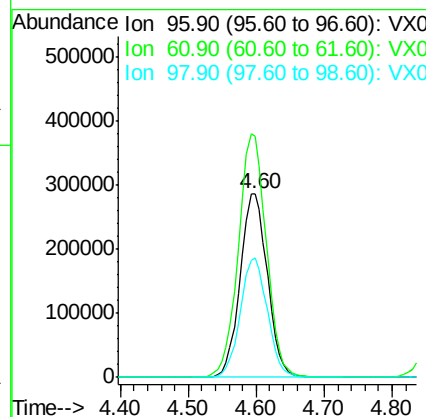
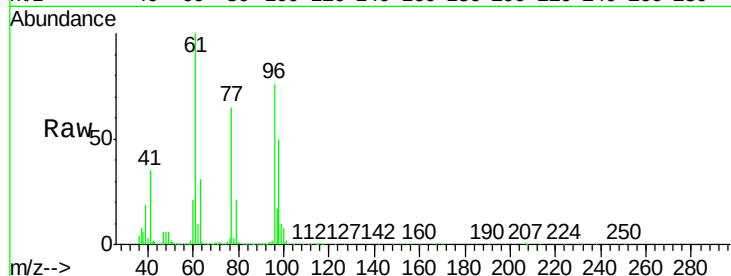
cis-1,2-Dichloroethene
Concen: 138.713 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.0	0.0	265.6
98	64.6	0.0	131.6

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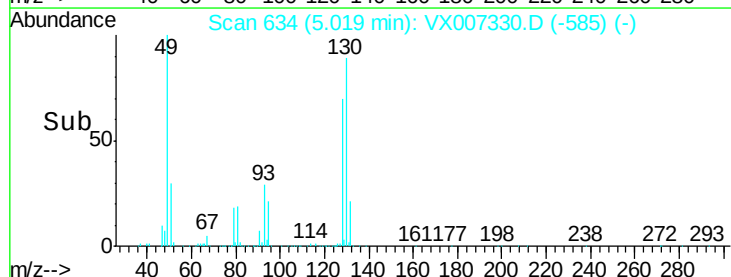
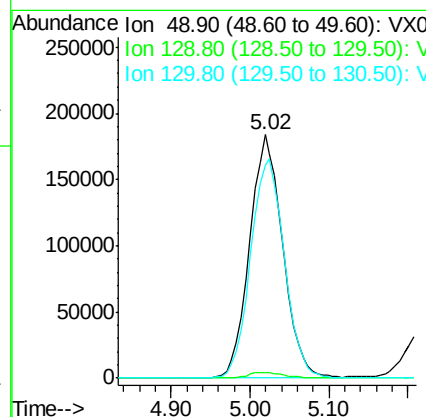
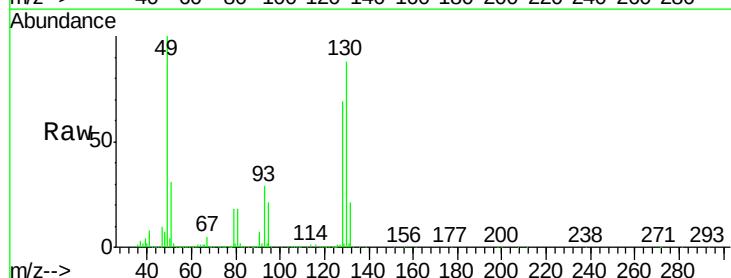
MMDadoda
2/4/2019 9:37:43 AM

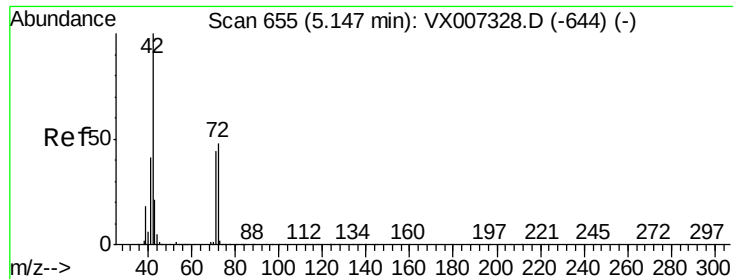


#28

Bromochloromethane
Concen: 137.363 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	92.0	75.6	113.4





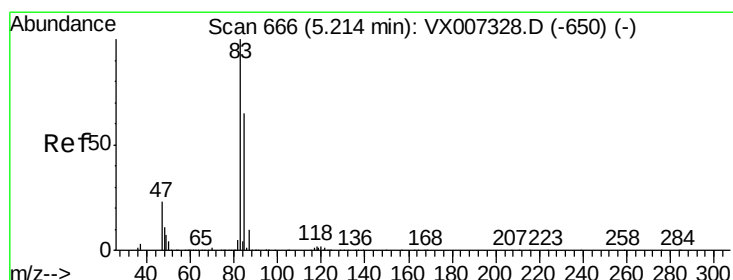
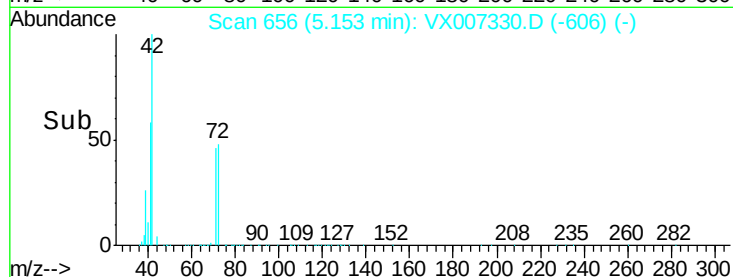
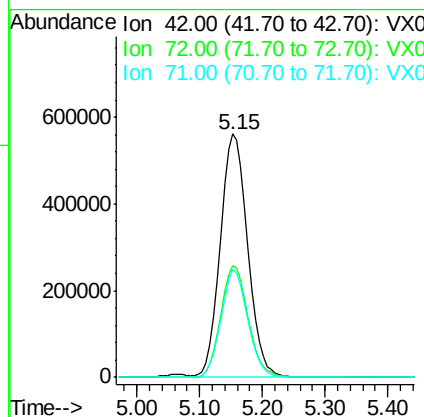
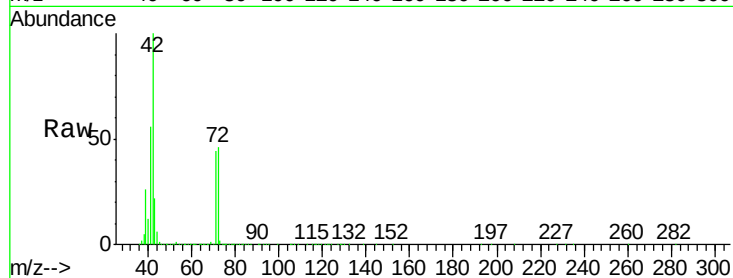
#29
Tetrahydrofuran
Concen: 752.346 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 42 Resp: 1692227
Ion Ratio Lower Upper
42 100
72 46.1 37.6 56.4
71 43.1 34.6 51.8

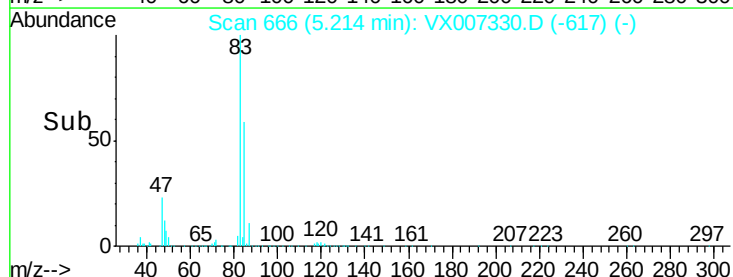
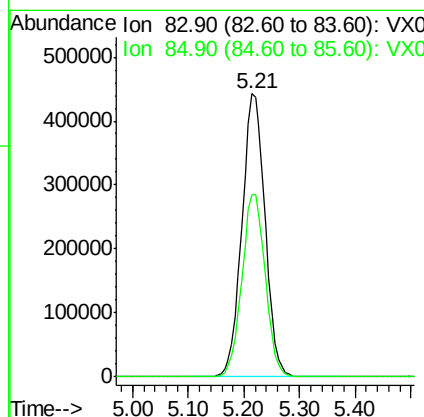
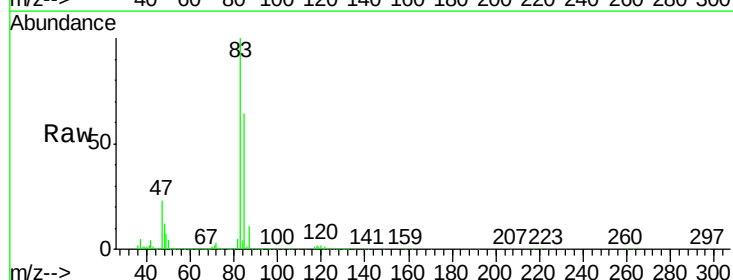
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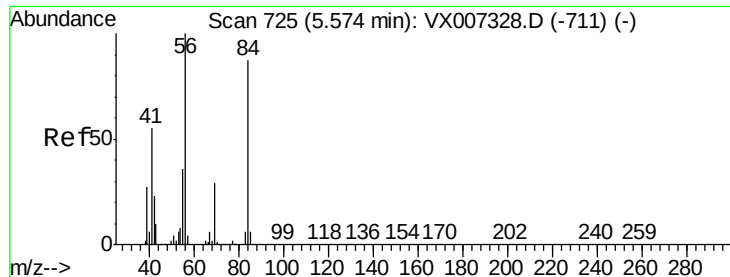
MMDadoda
2/4/2019 9:37:43 AM



#30
Chloroform
Concen: 143.829 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Tgt Ion: 83 Resp: 1274809
Ion Ratio Lower Upper
83 100
85 64.4 51.6 77.4





#31

Cyclohexane

Concen: 144.981 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 1106023

Ion Ratio Lower Upper

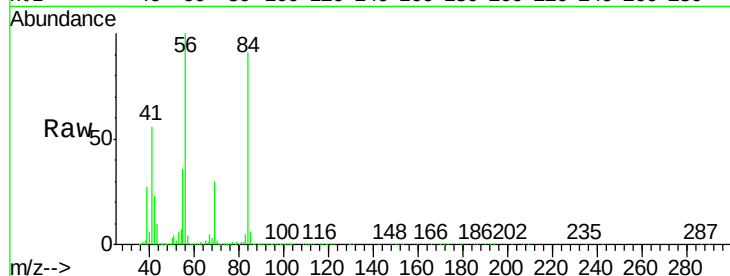
56 100

69 30.4 23.0 34.6

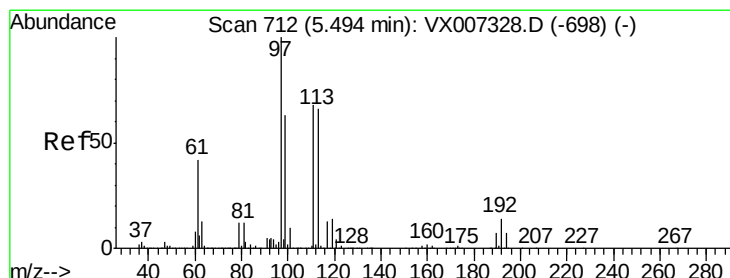
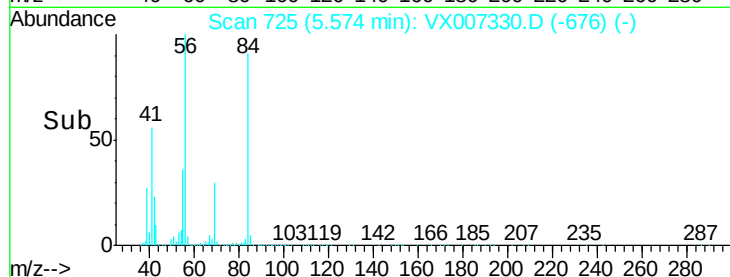
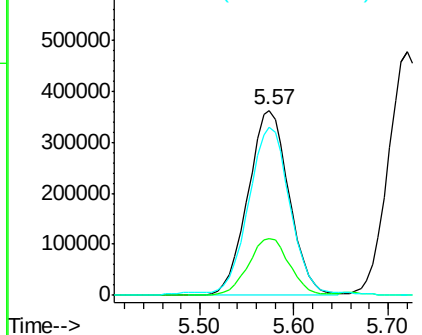
84 89.7 69.8 104.6

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 153.419 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

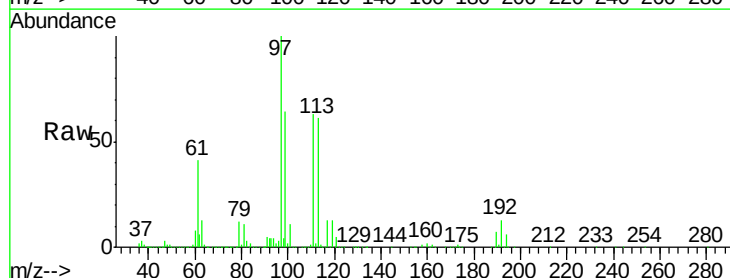
Tgt Ion: 97 Resp: 1147818

Ion Ratio Lower Upper

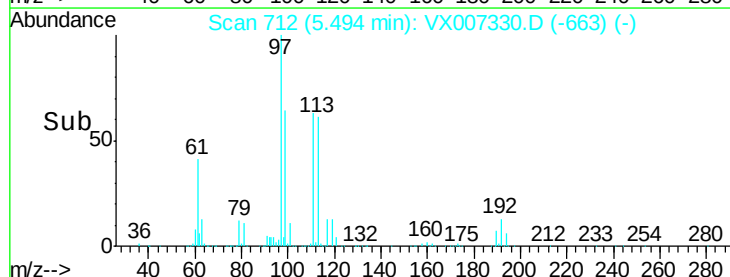
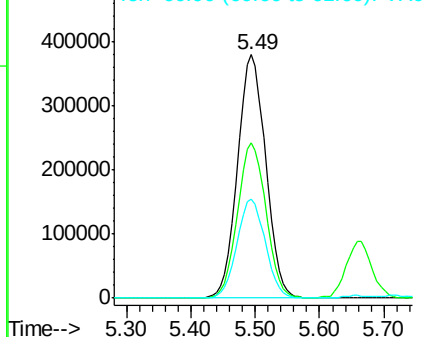
97 100

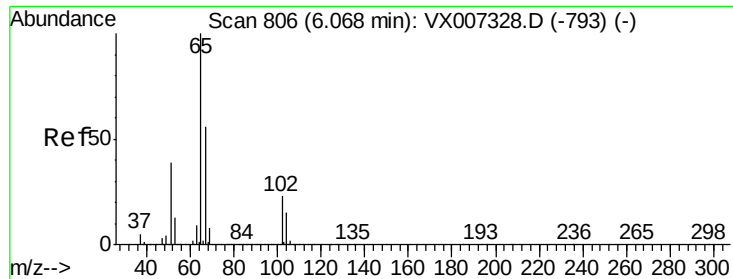
99 64.4 52.2 78.2

61 41.0 32.7 49.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





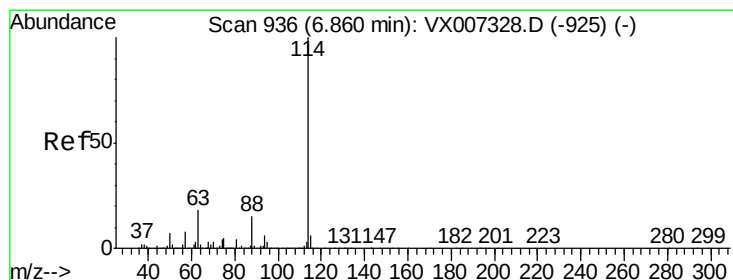
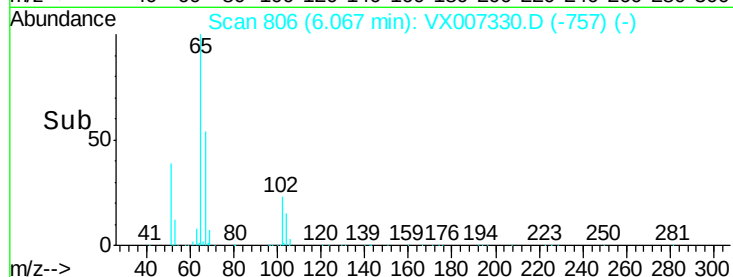
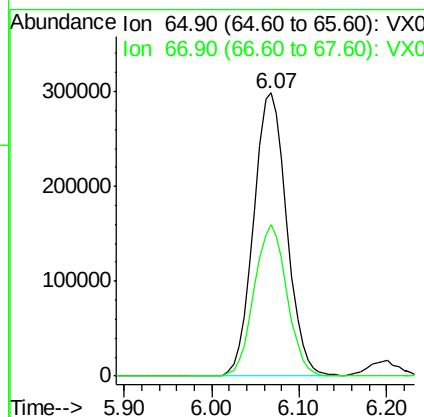
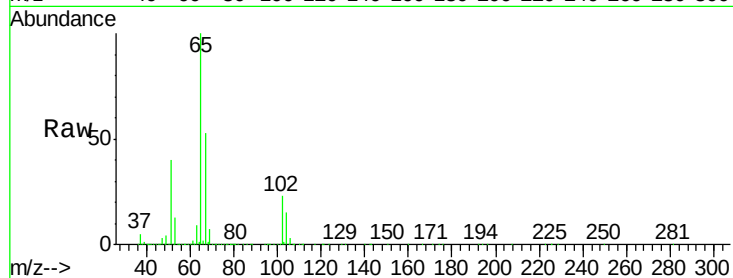
#33
 1,2-Dichloroethane-d4
 Concen: 142.704 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007330.D
 Acq: 01 Feb 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	108.8

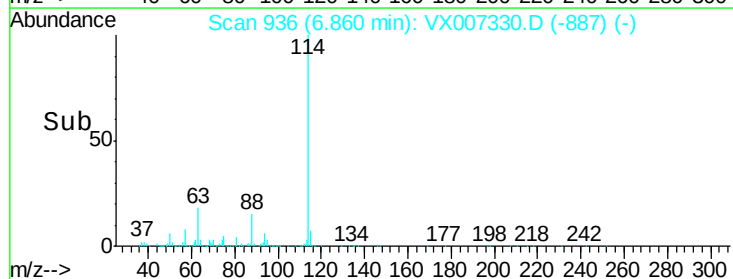
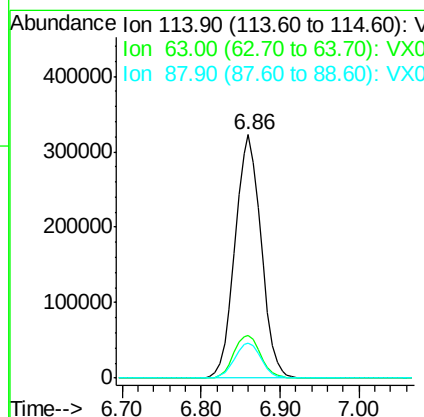
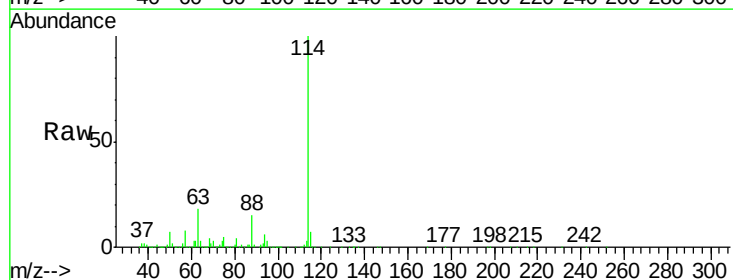
Manual Integrations
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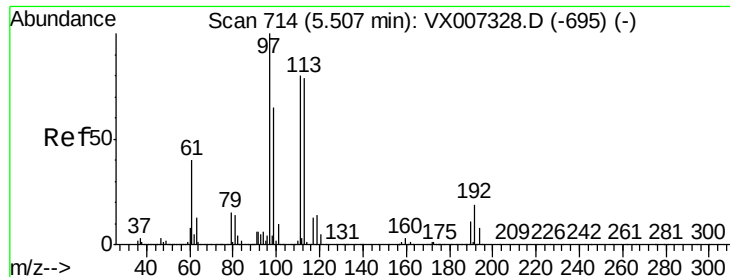
MMDadoda
 2/4/2019 9:37:43 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007330.D
 Acq: 01 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	35.6
88	14.5	0.0	29.6





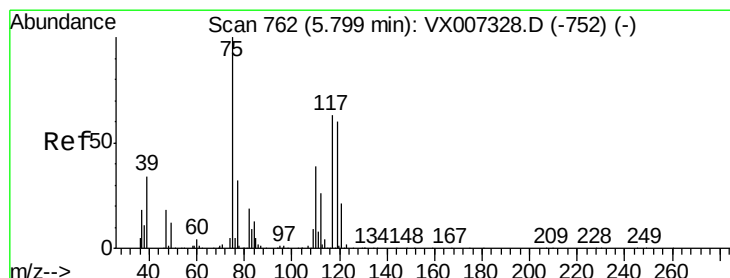
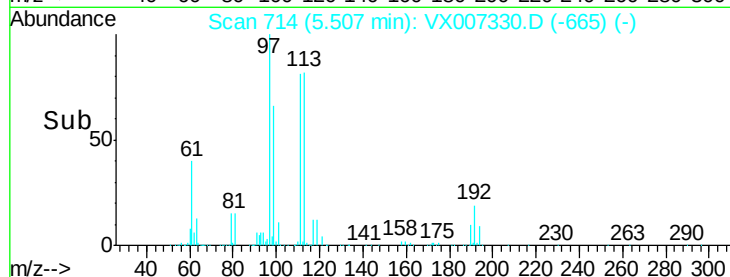
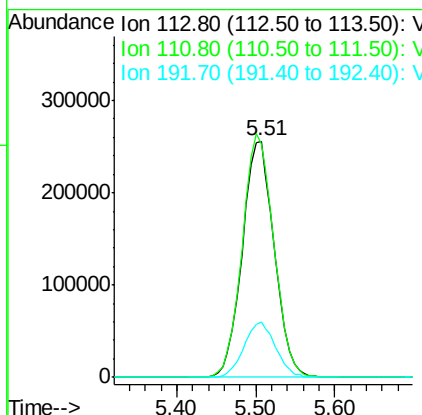
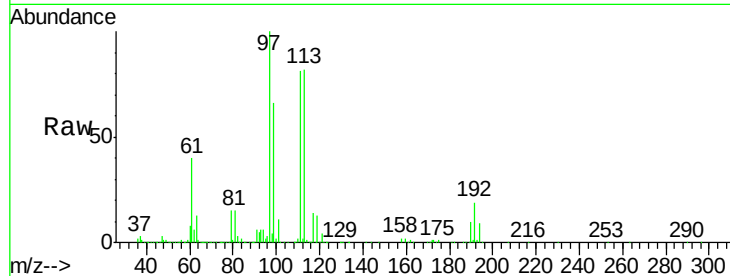
#35
 Dibromofluoromethane
 Concen: 148.813 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VX007330.D
 Acq: 01 Feb 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	719952		
111	102.2		81.8	122.8
192	23.2		18.5	27.7

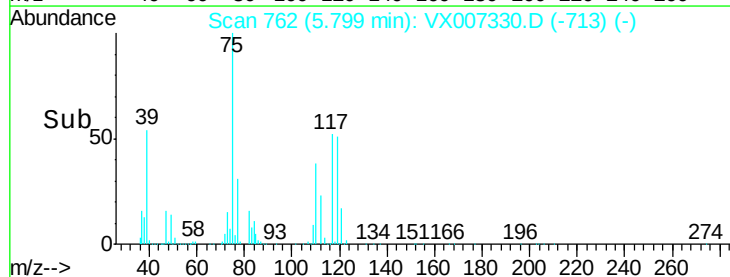
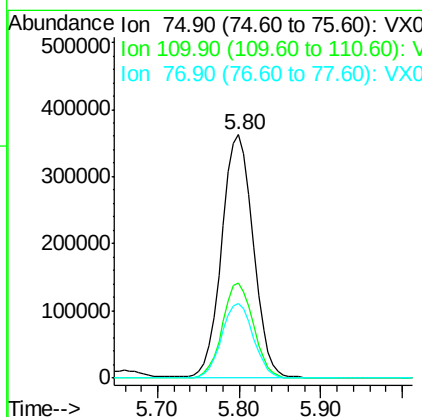
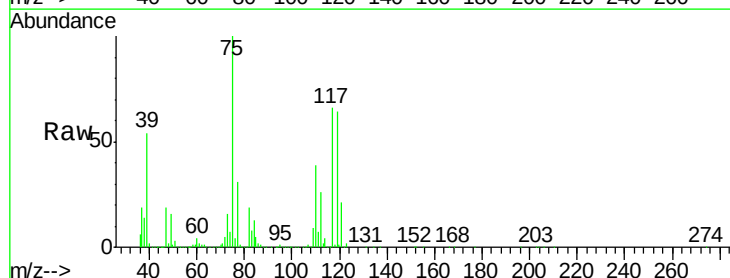
Manual Integrations
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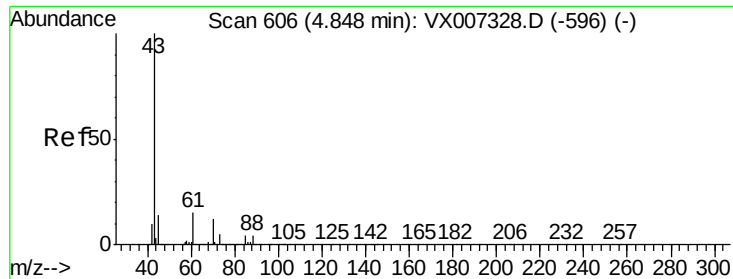
MMDadoda
 2/4/2019 9:37:43 AM



#36
 1,1-Dichloropropene
 Concen: 144.887 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007330.D
 Acq: 01 Feb 2019 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	966593		
110	38.5		20.0	59.9
77	30.9		24.7	37.1





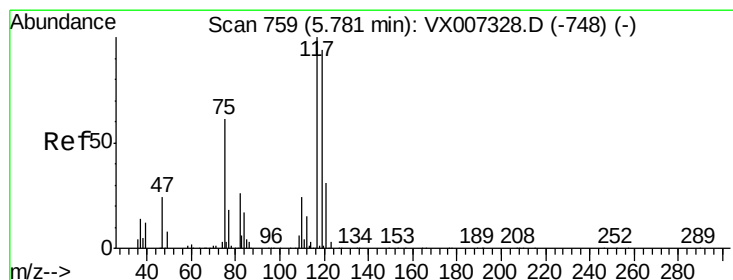
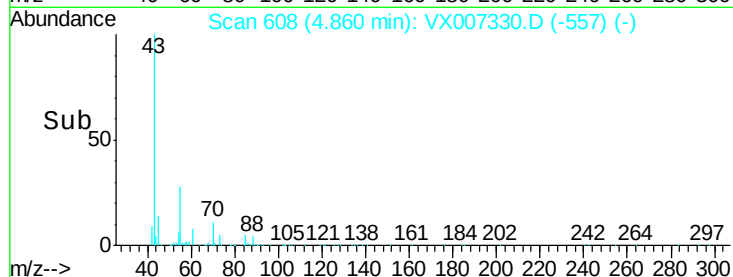
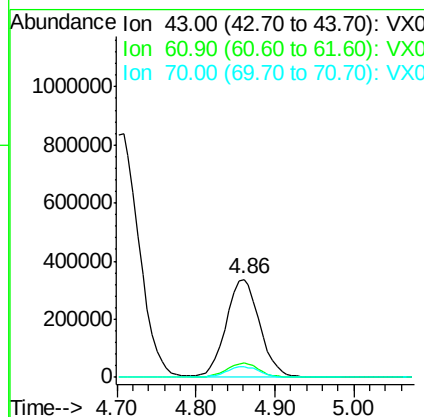
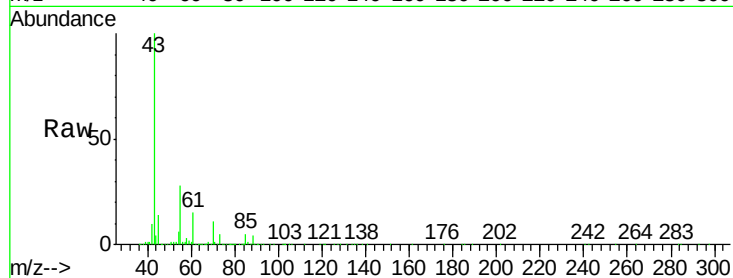
#37
Ethyl Acetate
Concen: 147.864 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:	43	Resp:	997180
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	10.8	8.6	13.0

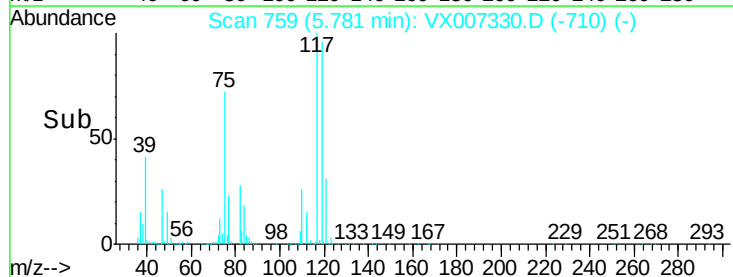
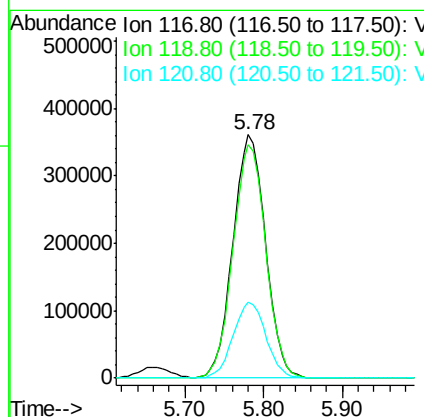
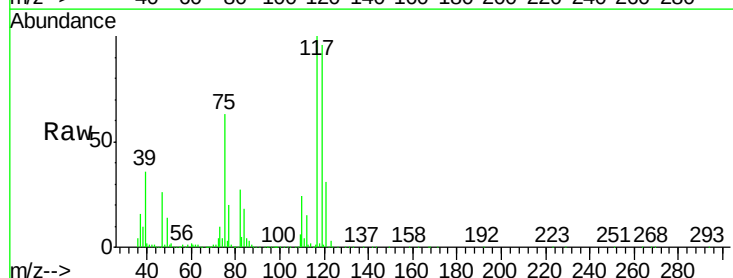
Manual Integrations
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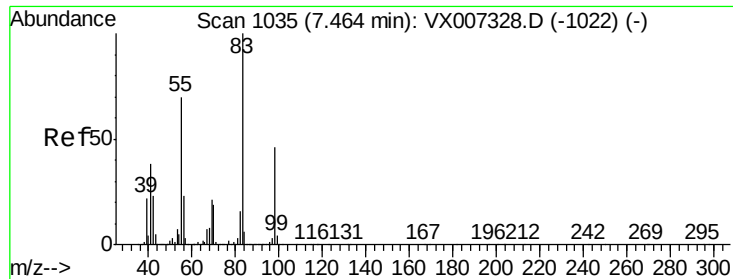
MMDadoda
2/4/2019 9:37:43 AM



#38
Carbon Tetrachloride
Concen: 160.431 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Tgt Ion:	117	Resp:	1038351
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.3	112.9
121	31.4	25.0	37.4





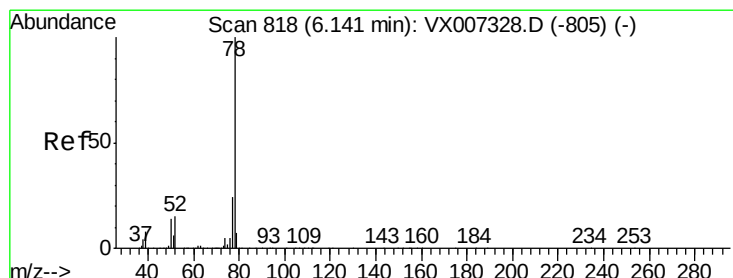
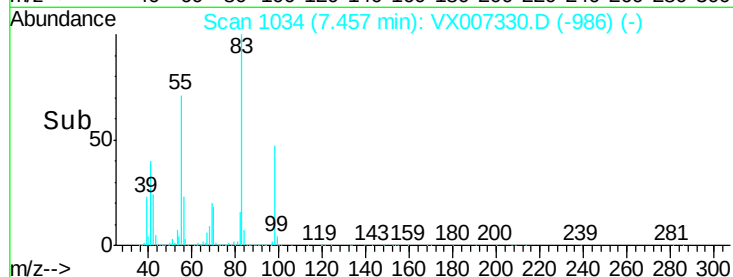
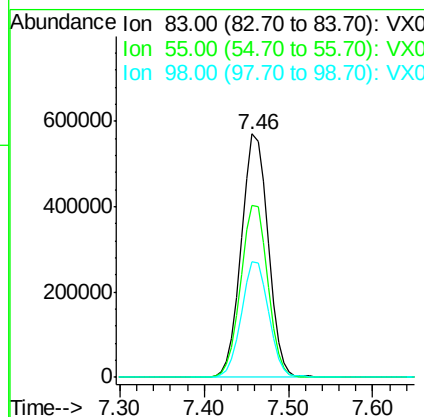
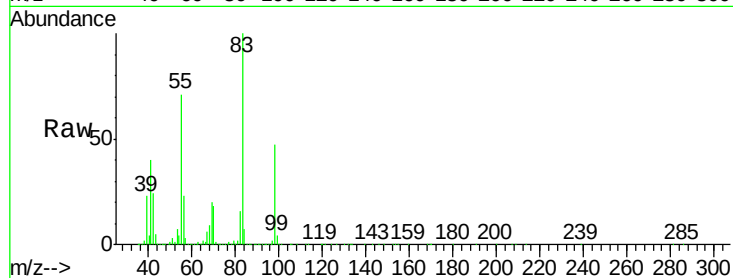
#39
Methylvlcyclohexane
Concen: 151.568 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.7	56.2	84.2
98	47.4	36.8	55.2

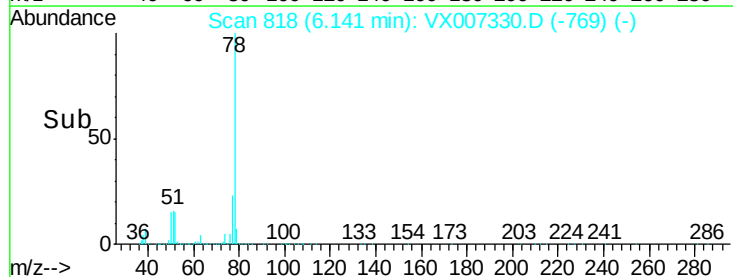
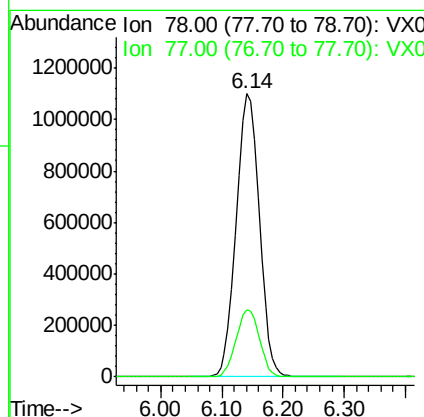
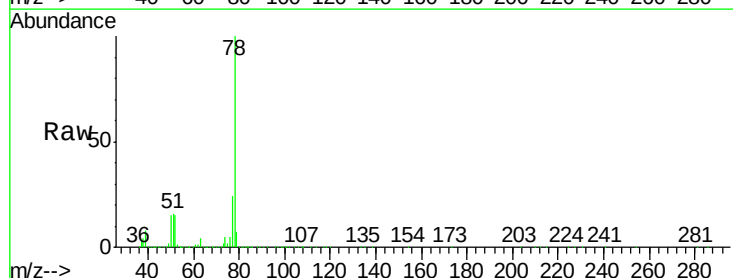
Manual Integrations
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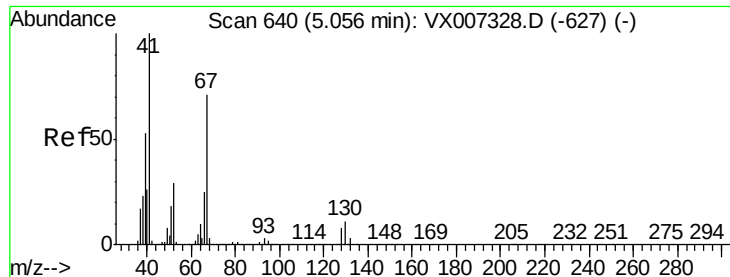
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#40
Benzene
Concen: 145.306 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.3	28.9





#41

Methacrylonitrile

Concen: 148.811 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Instrument :

MSVOA_X

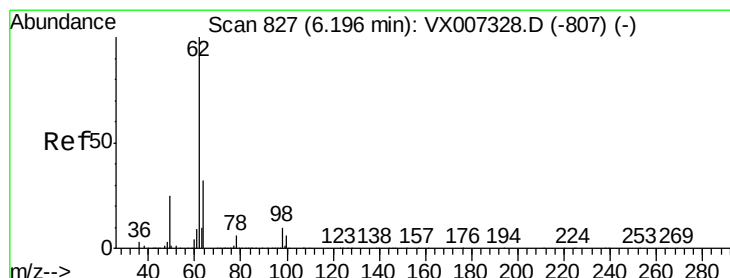
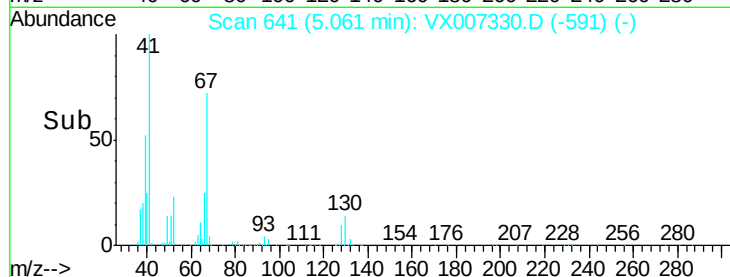
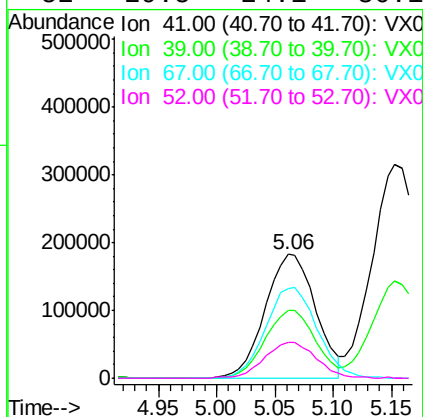
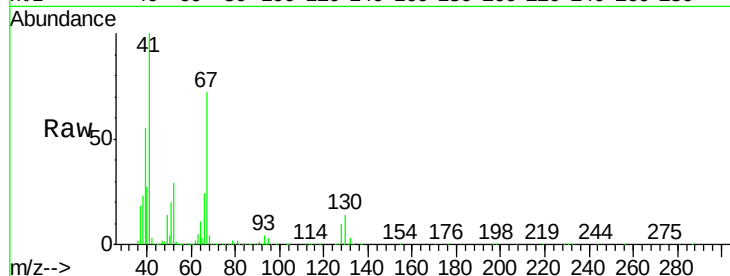
ClientSampleId :

VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		548454		
39	54.5	44.5	66.7		
67	74.7	60.4	90.6		
52	29.5	24.1	36.1		

Manual Integrations
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MMDadoda
2/4/2019 9:37:43 AM



#42

1,2-Dichloroethane

Concen: 143.412 ug/l

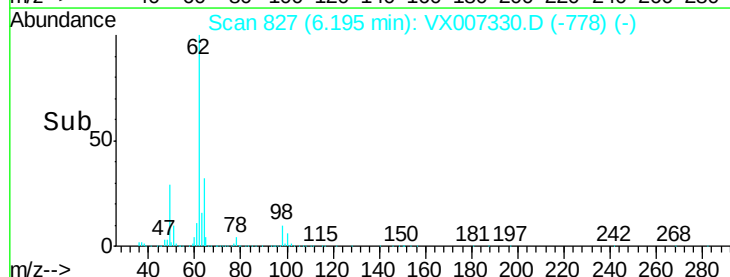
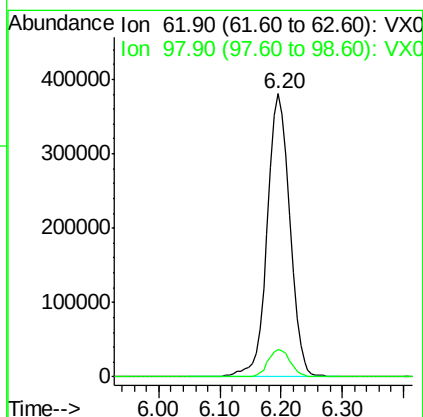
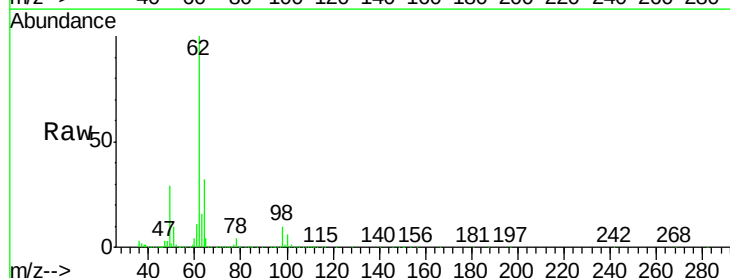
RT: 6.20 min Scan# 827

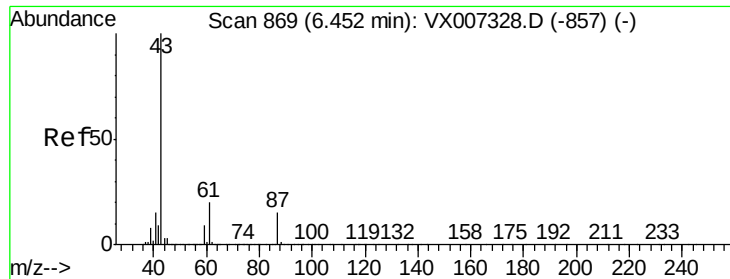
Delta R.T. -0.00 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		975116		
98	9.6	0.0	19.0		





#43

Isopropyl Acetate

Concen: 157.701 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1641568

Ion Ratio Lower Upper

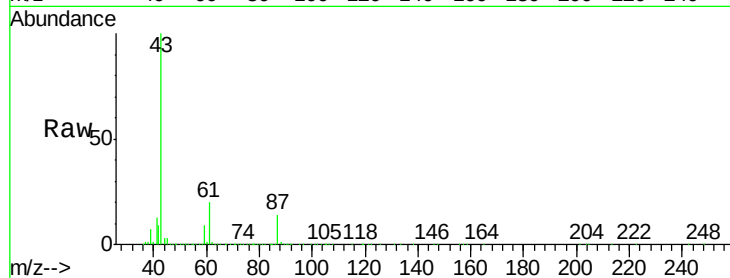
43 100

61 20.2 16.1 24.1

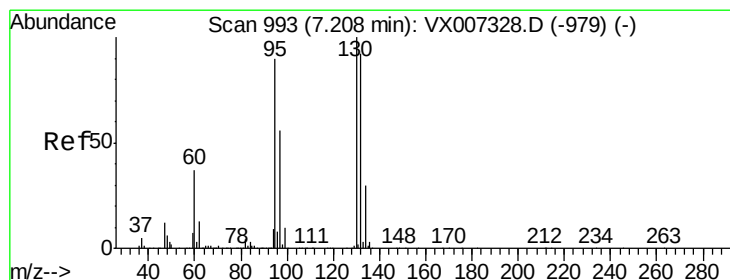
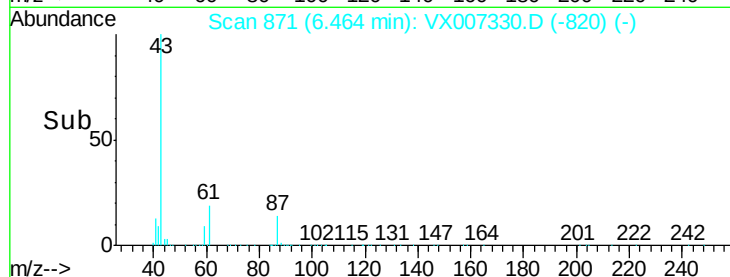
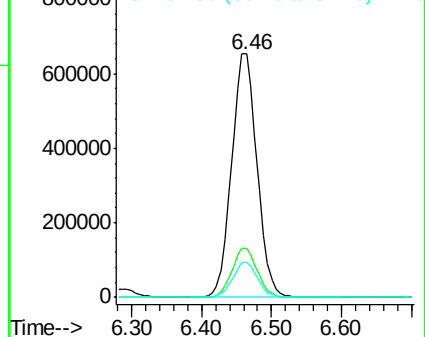
87 14.2 11.5 17.3

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MMDadoda
2/4/2019 9:37:43 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 144.307 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX007330.D

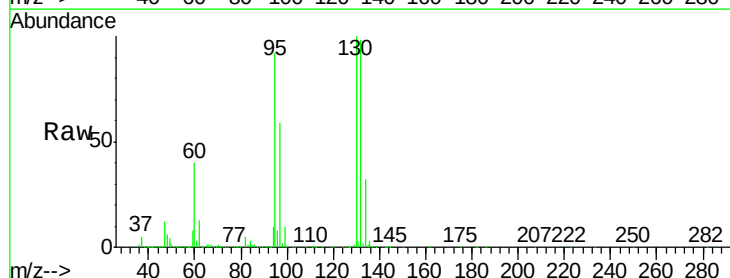
Acq: 01 Feb 2019 11:48

Tgt Ion:130 Resp: 854109

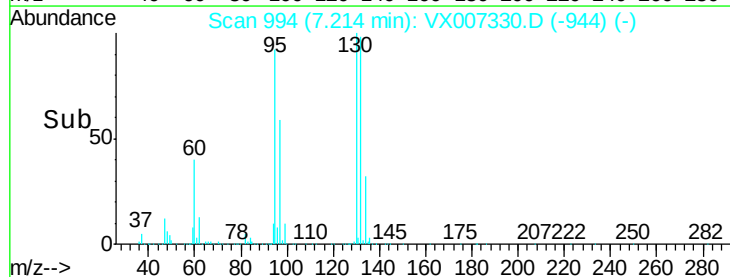
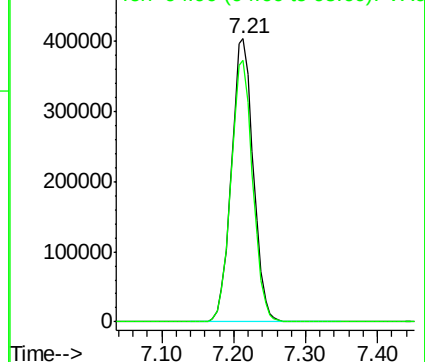
Ion Ratio Lower Upper

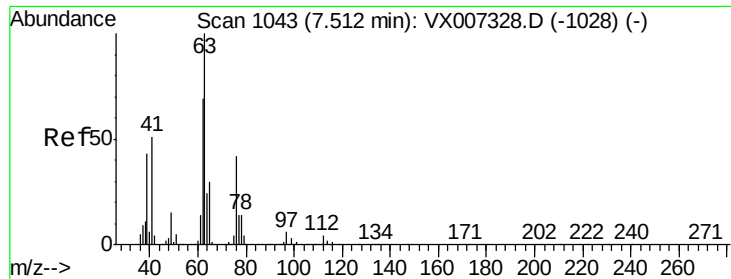
130 100

95 92.3 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





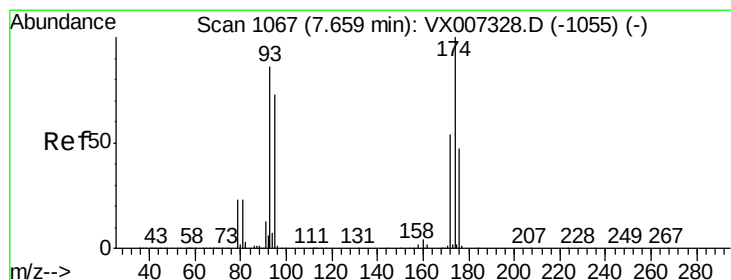
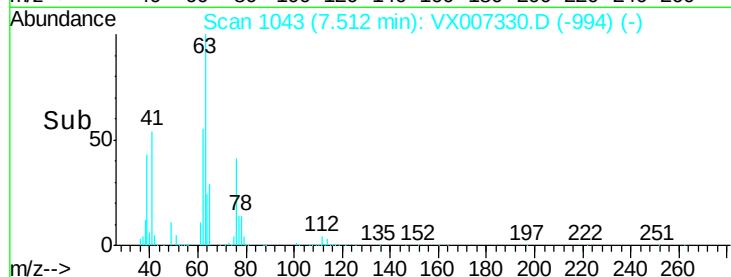
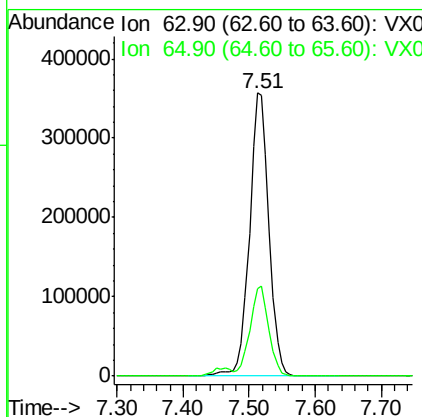
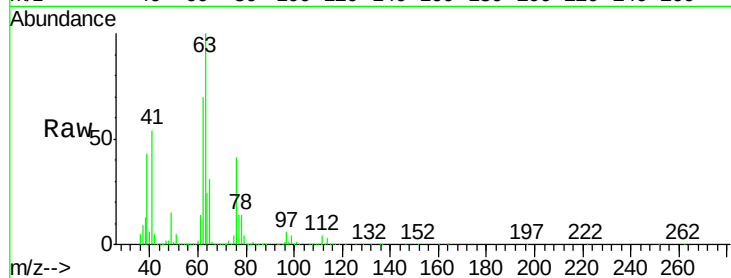
#45
 1,2-Dichloropropane
 Concen: 148.977 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX007330.D
 Acq: 01 Feb 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.2	36.2

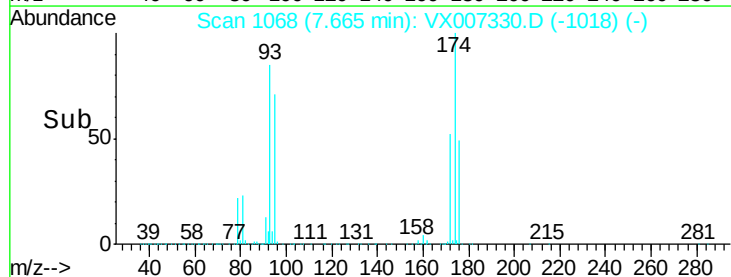
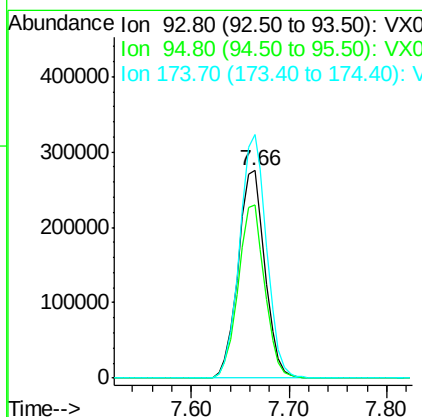
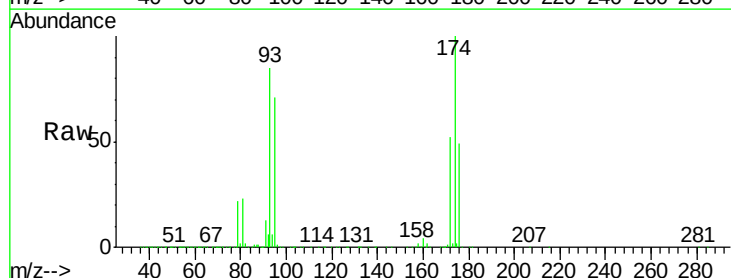
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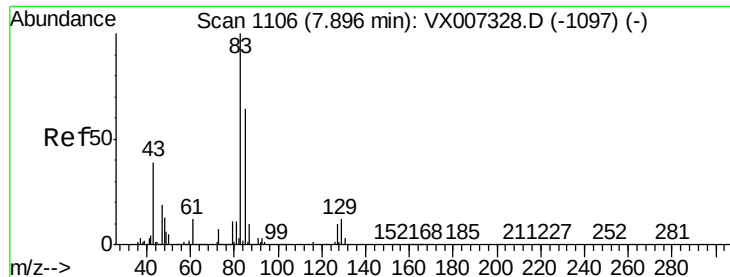
MMDadoda
 2/4/2019 9:37:43 AM



#46
 Dibromomethane
 Concen: 145.834 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007330.D
 Acq: 01 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	67.6	101.4
174	118.0	94.2	141.4





#47

Bromodichloromethane

Concen: 161.605 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Instrument :

MSVOA_X

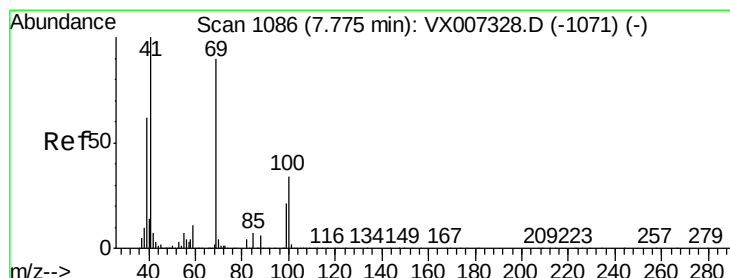
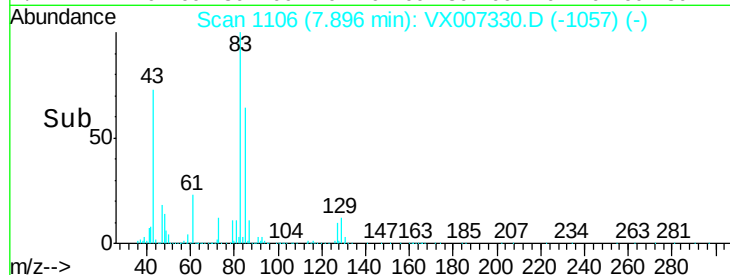
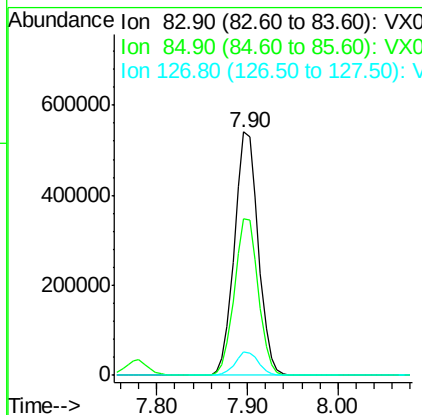
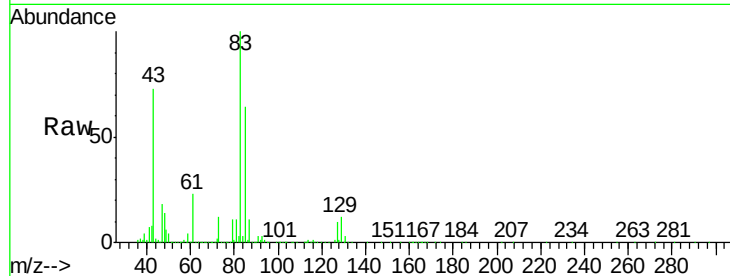
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	980133
Ion Ratio	Lower	Upper	
83	100		
85	64.3	51.4	77.0
127	9.7	8.1	12.1

Manual Integrations
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MMDadoda
2/4/2019 9:37:43 AM



#48

Methyl methacrylate

Concen: 161.349 ug/l

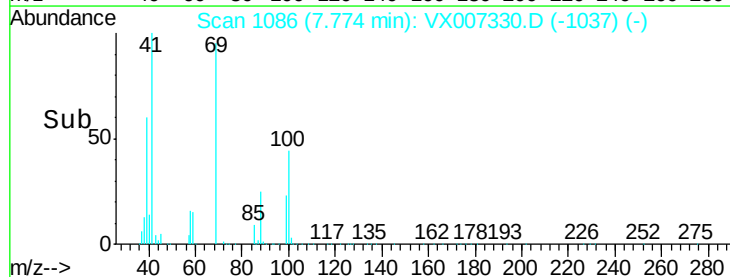
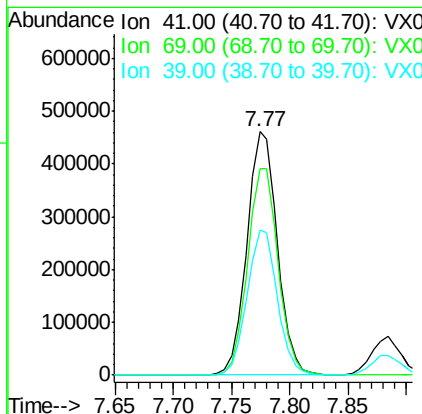
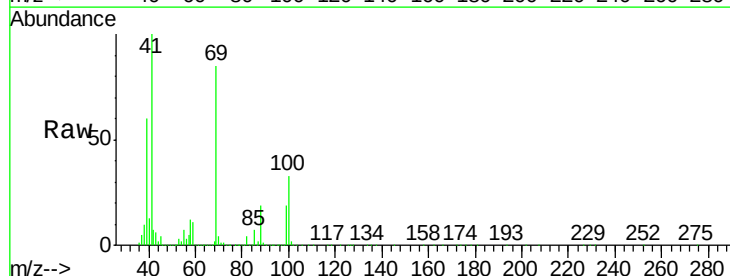
RT: 7.77 min Scan# 1086

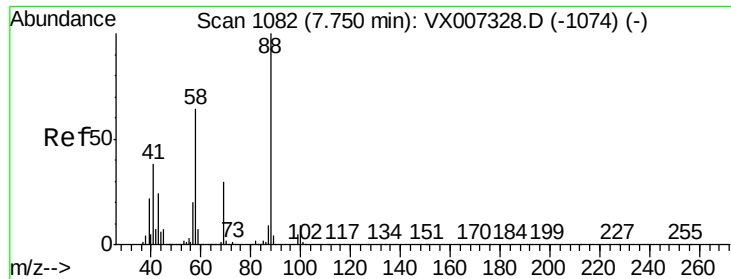
Delta R.T. -0.00 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Tgt Ion:	41	Resp:	840093
Ion Ratio	Lower	Upper	
41	100		
69	85.4	70.2	105.4
39	59.1	47.4	71.0





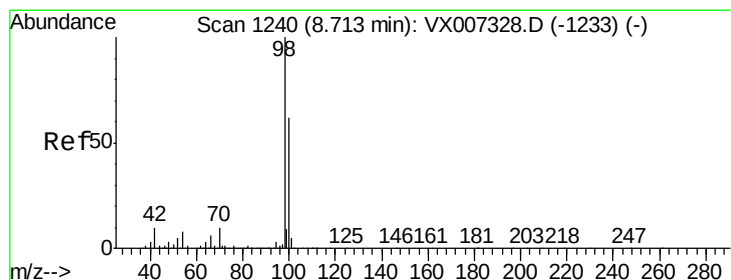
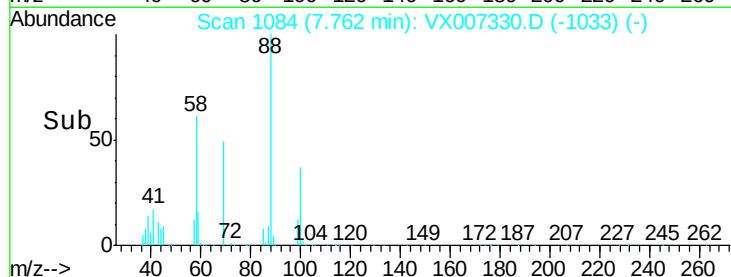
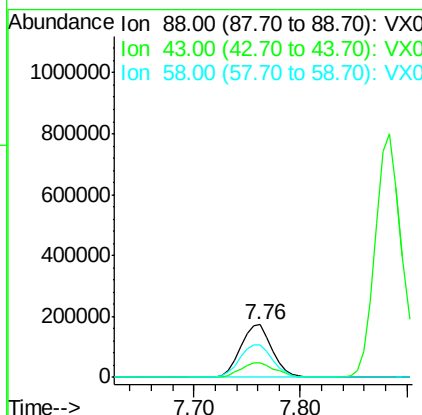
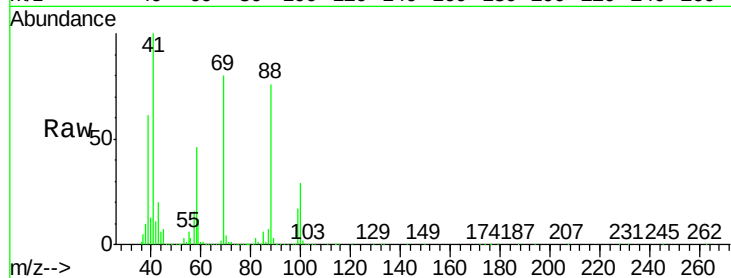
#49
1,4-Dioxane
Concen: 2780.064 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.0	24.2	36.4
58	64.6	53.0	79.4

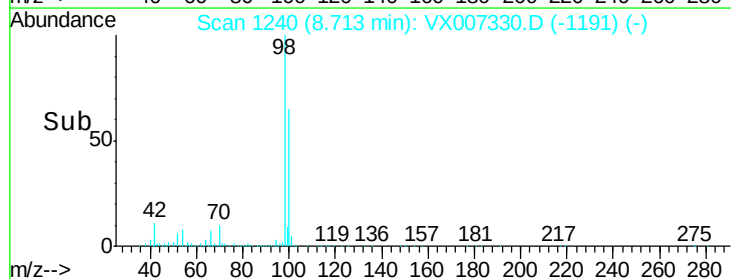
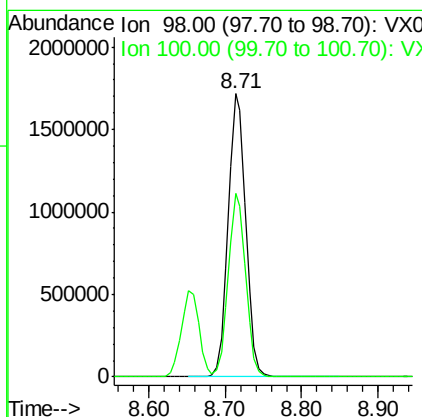
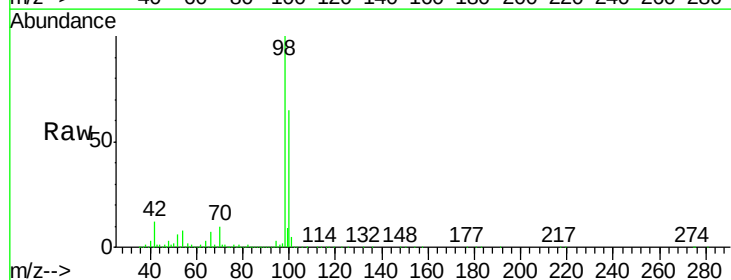
Manual Integrations
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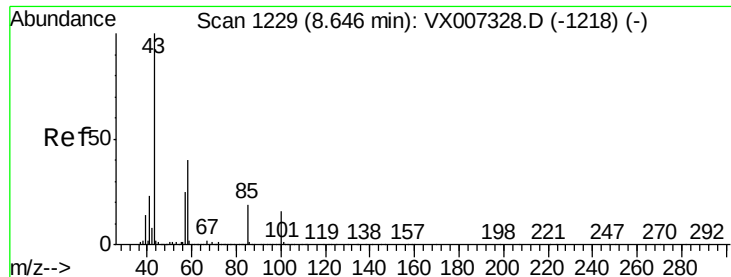
MMDadoda
2/4/2019 9:37:43 AM



#50
Toluene-d8
Concen: 151.484 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 755.058 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 5174032

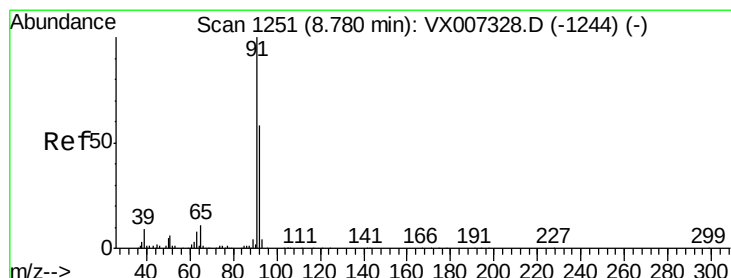
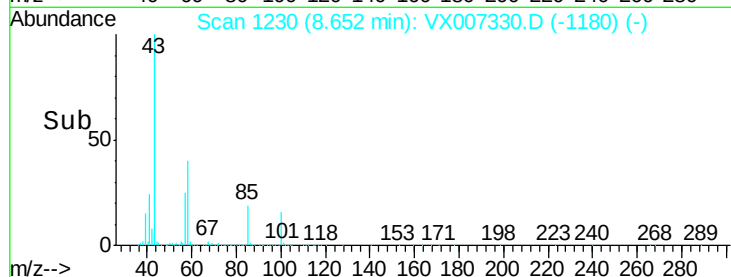
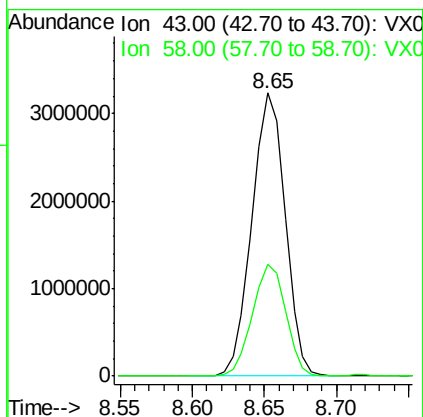
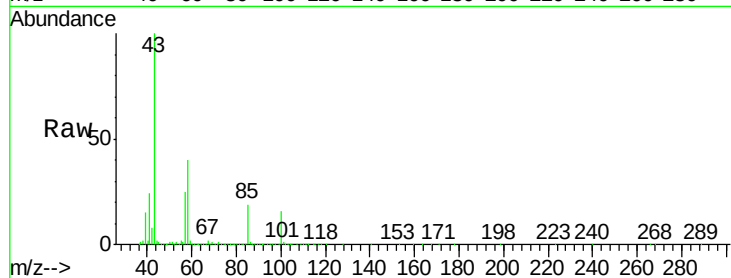
Ion Ratio Lower Upper

43 100

58 39.5 31.2 46.8

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MMDadoda
2/4/2019 9:37:43 AM



#52

Toluene

Concen: 150.082 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007330.D

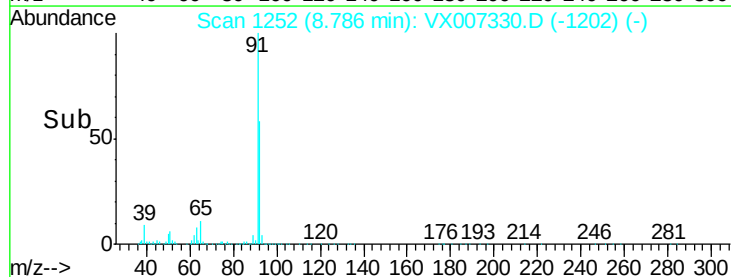
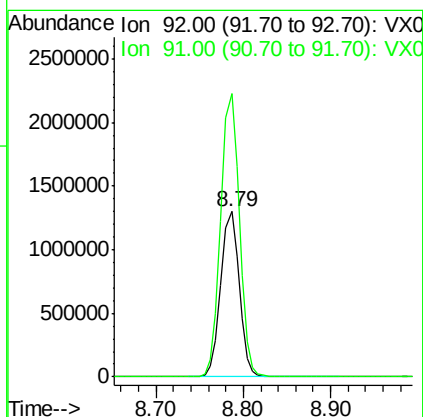
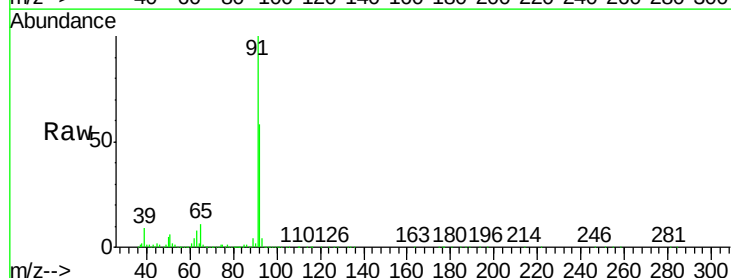
Acq: 01 Feb 2019 11:48

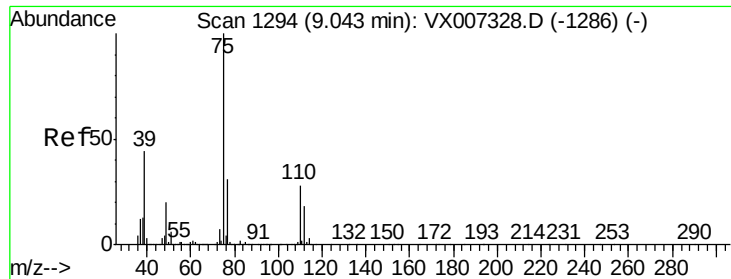
Tgt Ion: 92 Resp: 1902904

Ion Ratio Lower Upper

92 100

91 173.5 139.1 208.7





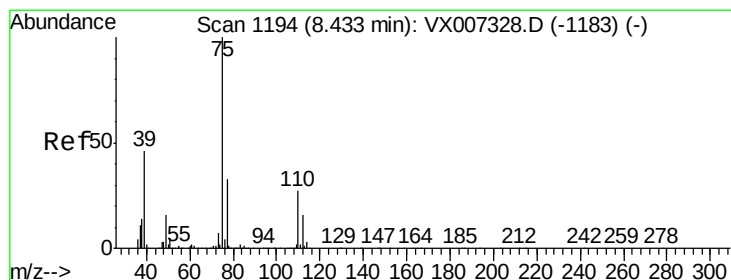
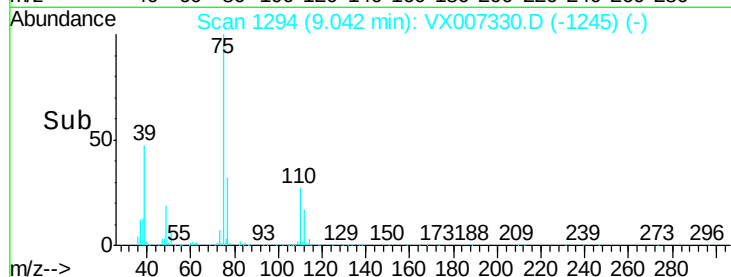
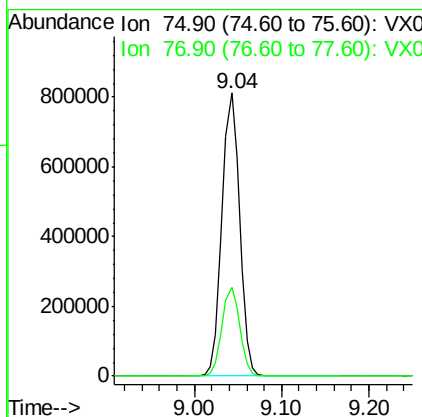
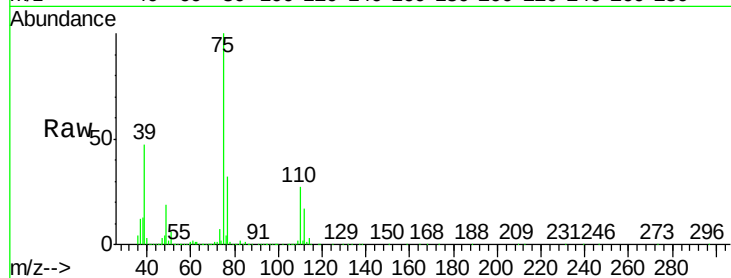
#53
t-1,3-Dichloropropene
Concen: 174.047 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion: 75 Resp: 1133865
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8

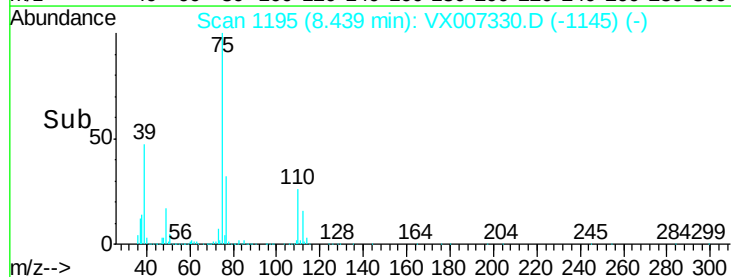
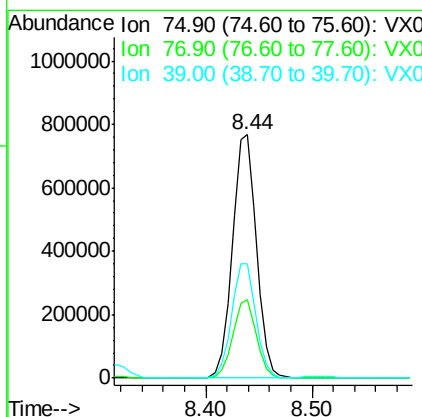
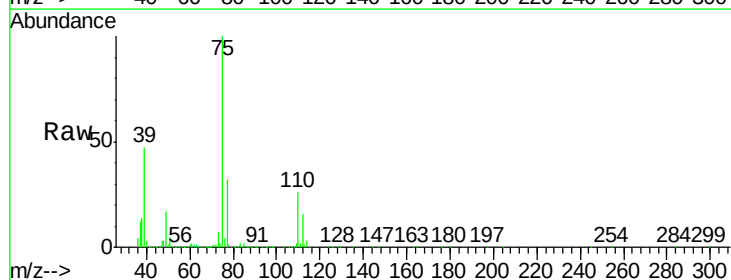
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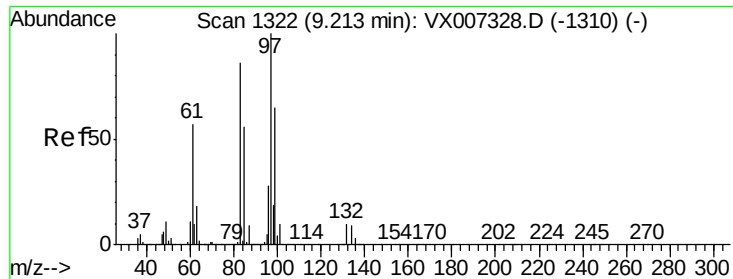
MMDadoda
2/4/2019 9:37:43 AM



#54
cis-1,3-Dichloropropene
Concen: 169.019 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Tgt Ion: 75 Resp: 1210891
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.4
39 47.1 37.1 55.7





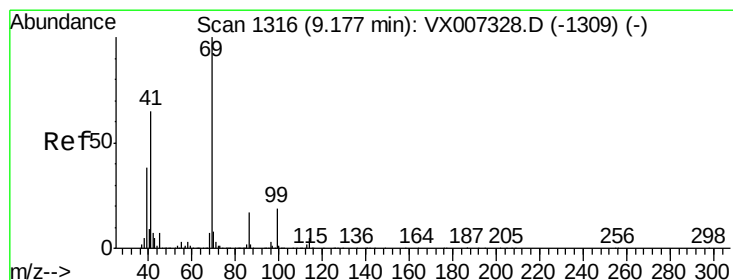
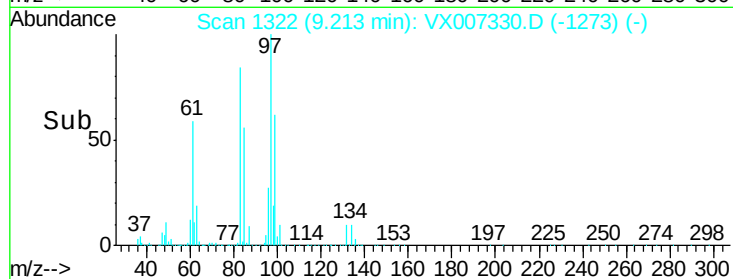
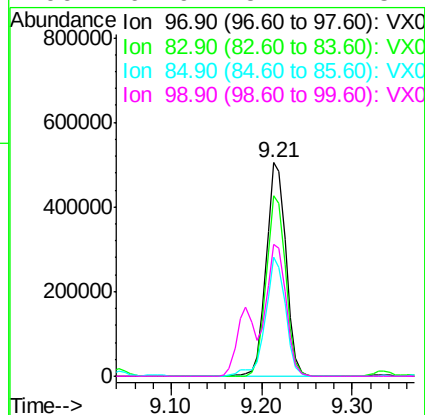
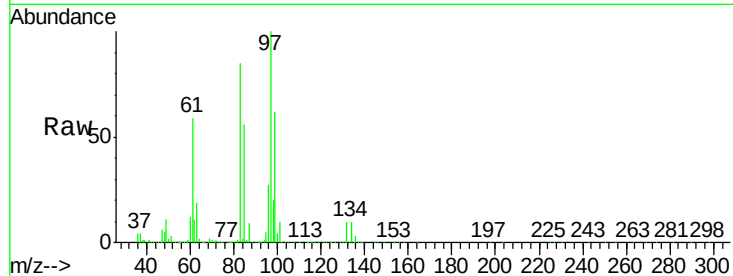
#55
 1,1,2-Trichloroethane
 Concen: 143.566 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007330.D
 Acq: 01 Feb 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		758773		
83	84.5	68.6	102.8		
85	55.8	44.5	66.7		
99	61.9	52.2	78.4		

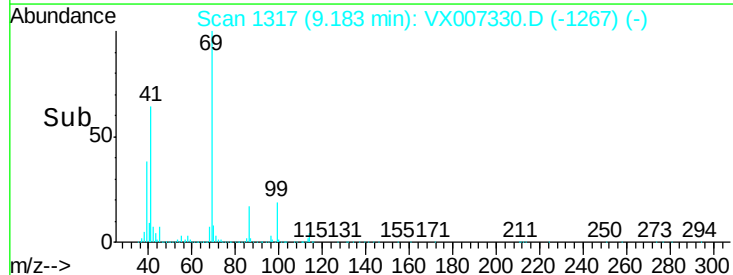
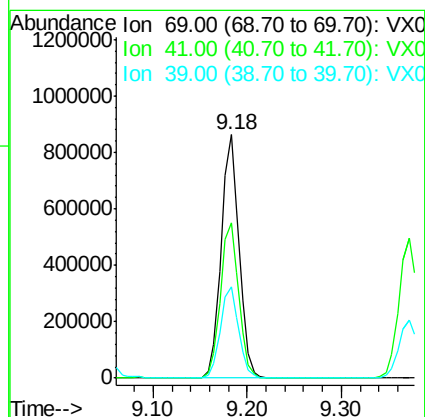
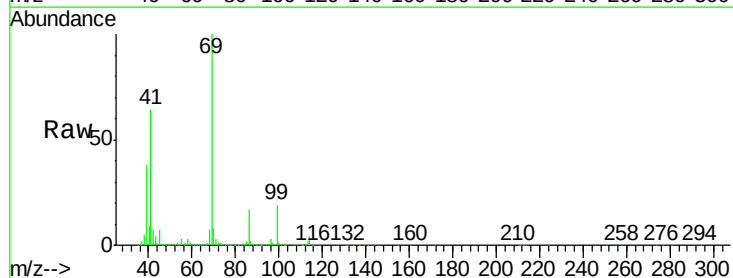
Manual Integrations
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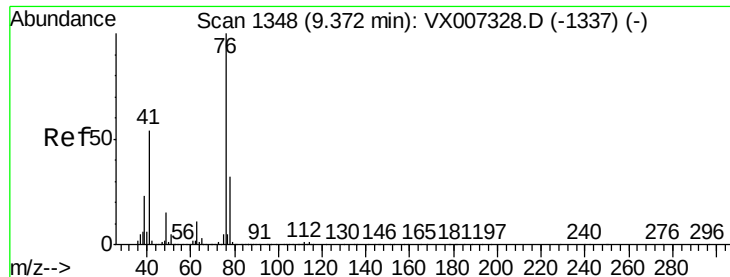
MMDadoda
 2/4/2019 9:37:43 AM



#56
 Ethyl methacrylate
 Concen: 155.340 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX007330.D
 Acq: 01 Feb 2019 11:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		1137097		
41	65.2	52.1	78.1		
39	38.2	30.1	45.1		





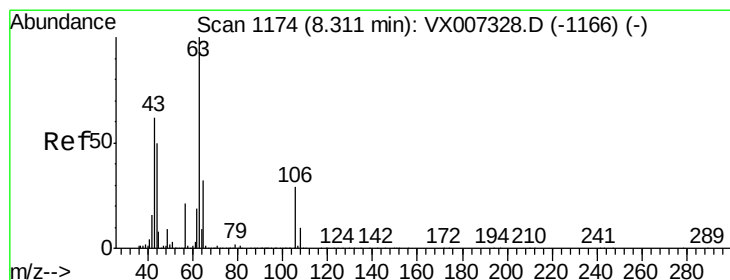
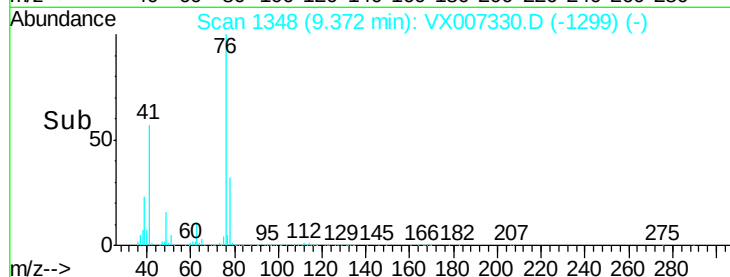
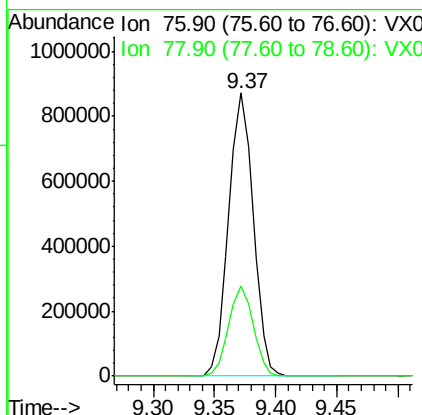
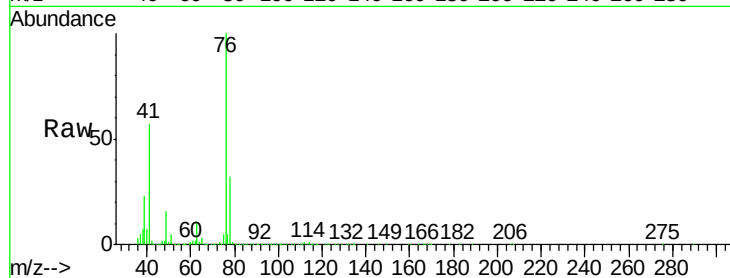
#57
 1,3-Dichloropropane
 Concen: 145.049 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007330.D
 Acq: 01 Feb 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 76 Resp: 1219136
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.8

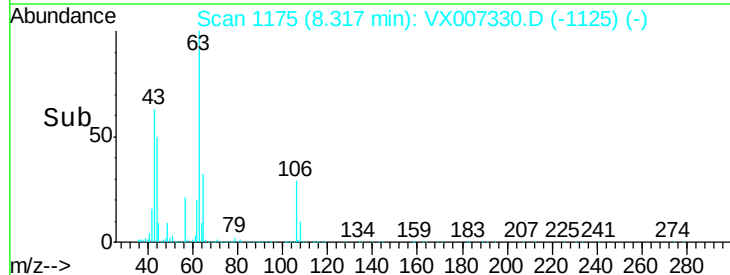
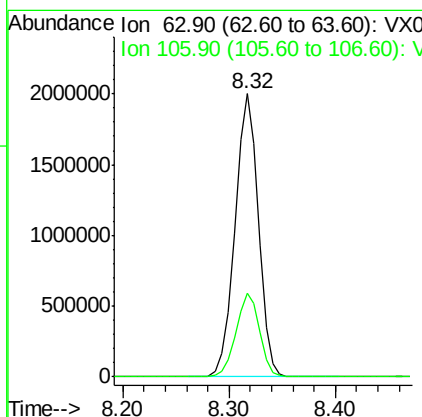
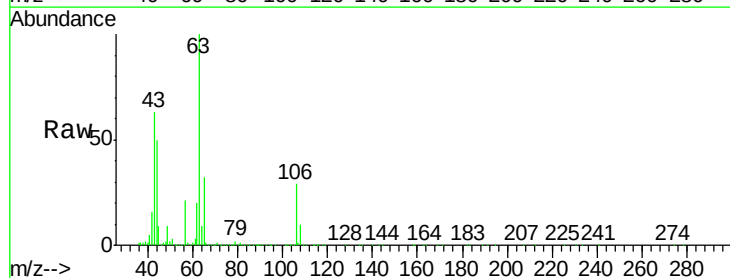
Manual Integrations
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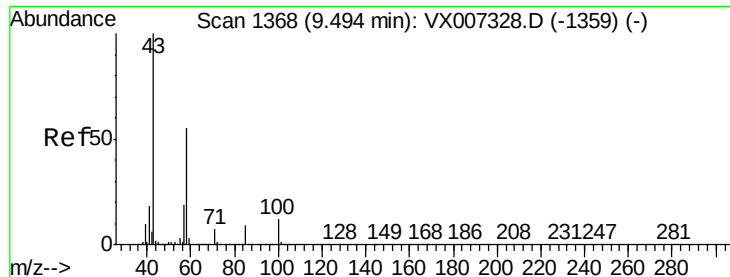
MMDadoda
 2/4/2019 9:37:43 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 798.403 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX007330.D
 Acq: 01 Feb 2019 11:48

Tgt Ion: 63 Resp: 3080459
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.6 35.4





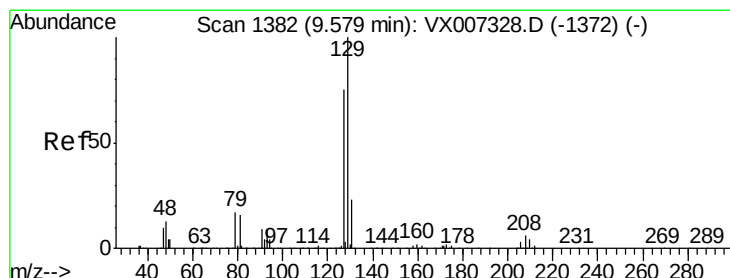
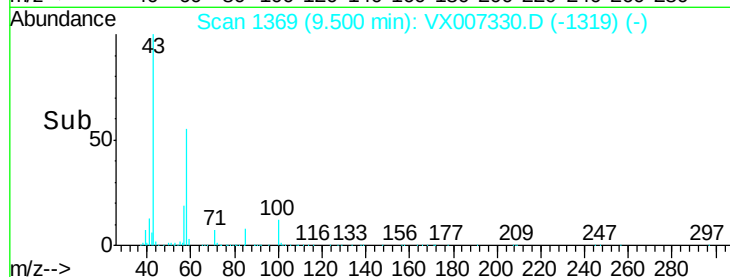
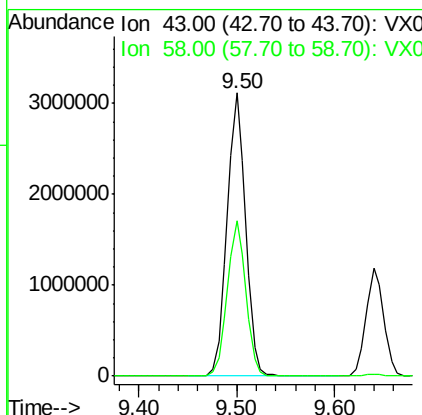
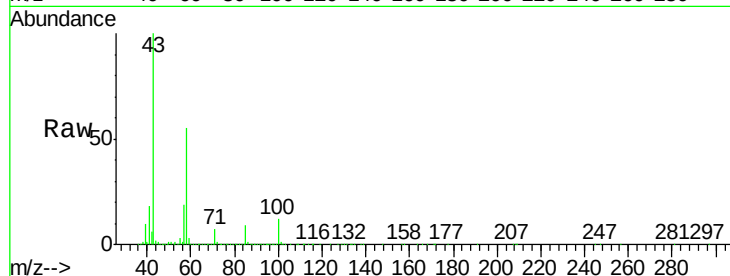
#59
2-Hexanone
Concen: 767.819 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 4094307
Ion Ratio Lower Upper
43 100
58 54.9 27.1 81.3

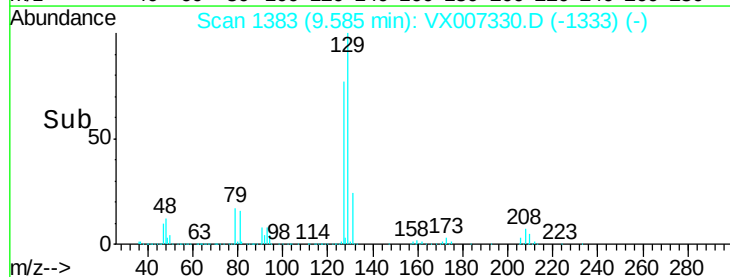
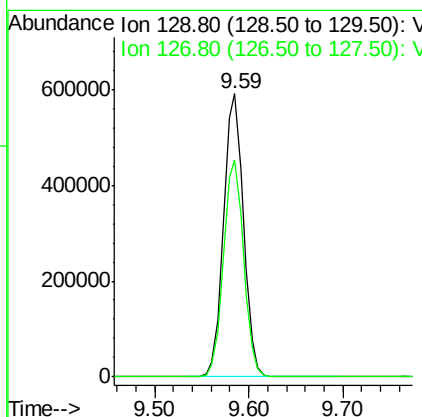
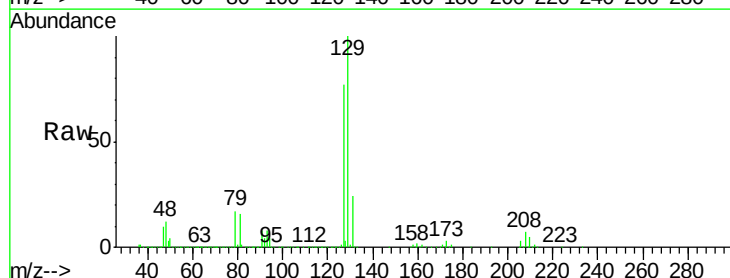
Manual Integrations
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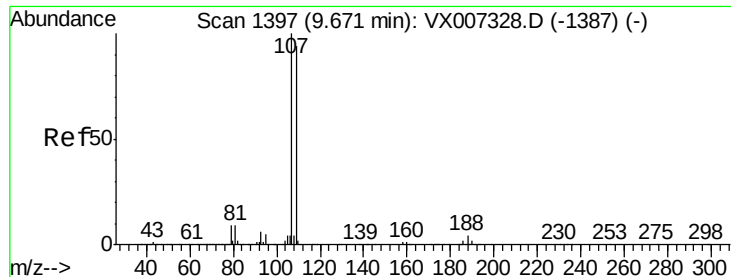
MMDadoda
2/4/2019 9:37:43 AM



#60
Dibromochloromethane
Concen: 172.689 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Tgt Ion: 129 Resp: 863196
Ion Ratio Lower Upper
129 100
127 77.2 37.8 113.4





#61

1,2-Dibromoethane

Concen: 147.206 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 107 Resp: 823924

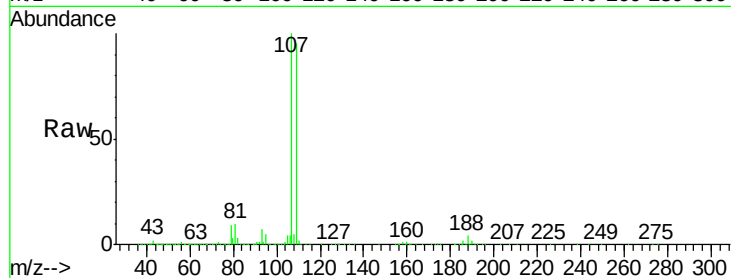
Ion Ratio Lower Upper

107 100

109 95.2 75.1 112.7

Manual Integrations
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2/4/2019 9:37:43 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

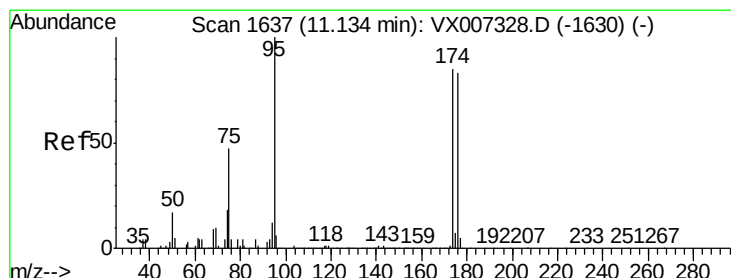
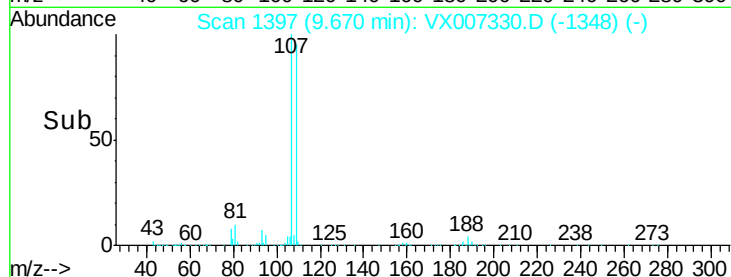
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 150.417 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

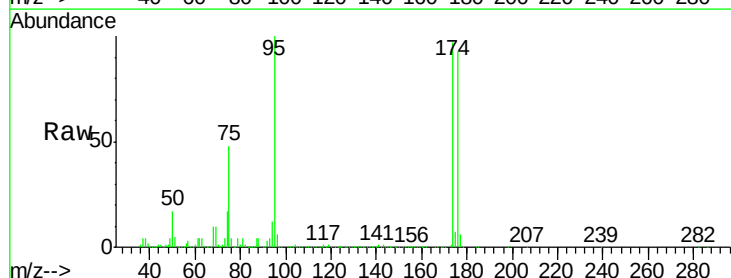
Tgt Ion: 95 Resp: 985746

Ion Ratio Lower Upper

95 100

174 94.0 0.0 189.2

176 90.8 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

1000000

800000

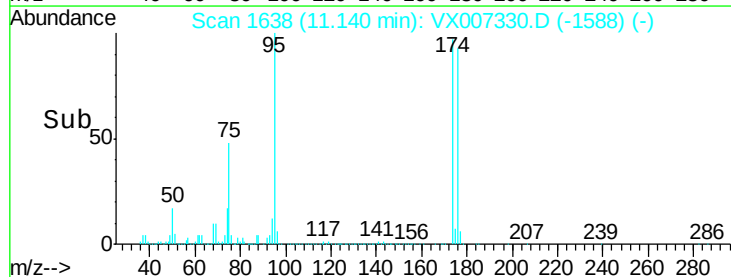
600000

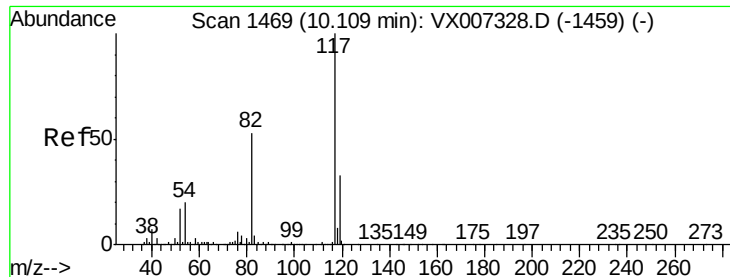
400000

200000

0

Time-->





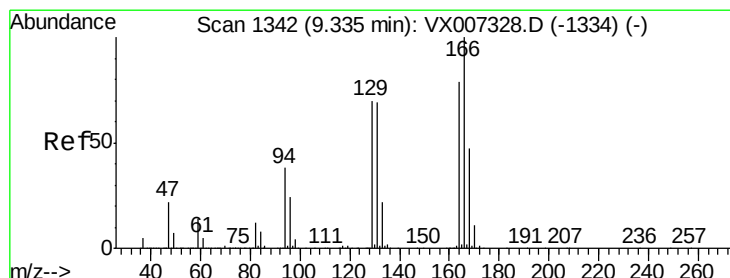
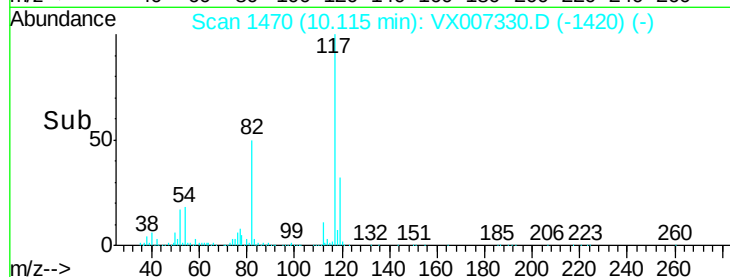
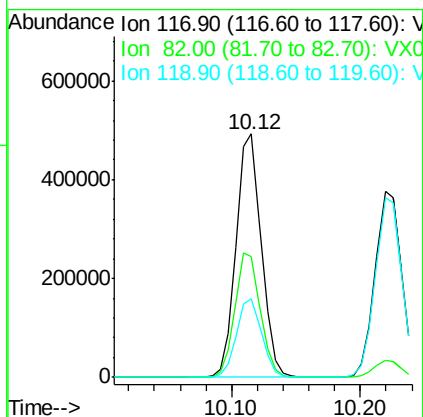
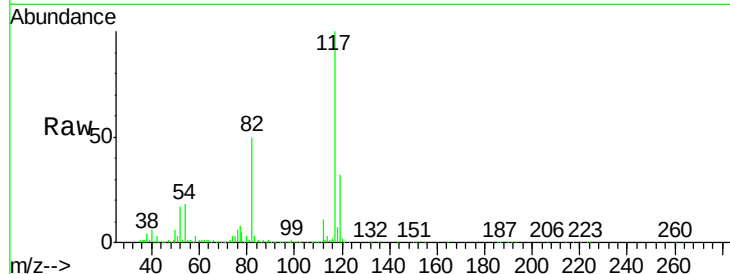
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.7	42.1	63.1
119	32.1	26.5	39.7

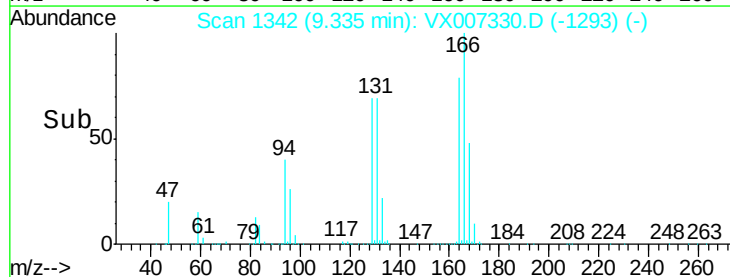
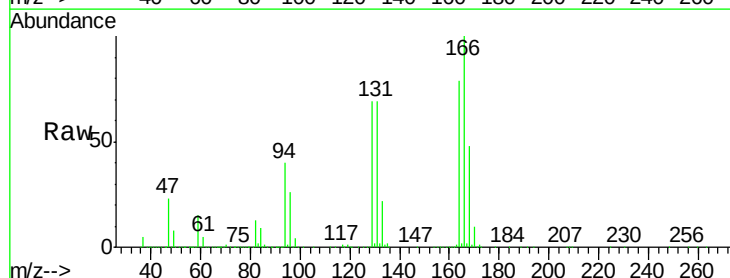
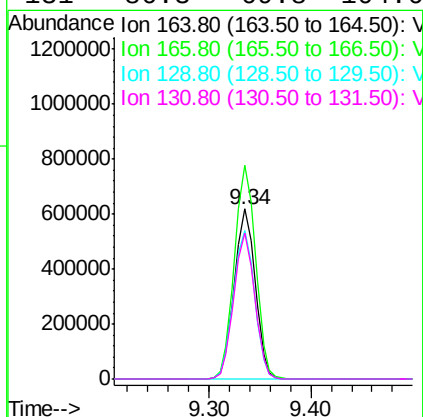
Manual Integrations
APPROVED

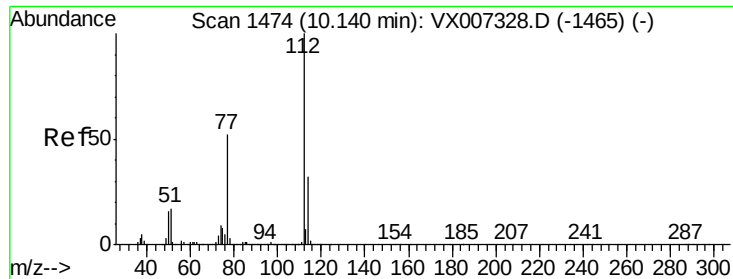
MMDadoda
2/4/2019 9:37:43 AM



#64
Tetrachloroethene
Concen: 137.953 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.9	101.0	151.4
129	87.3	70.5	105.7
131	86.3	69.8	104.6





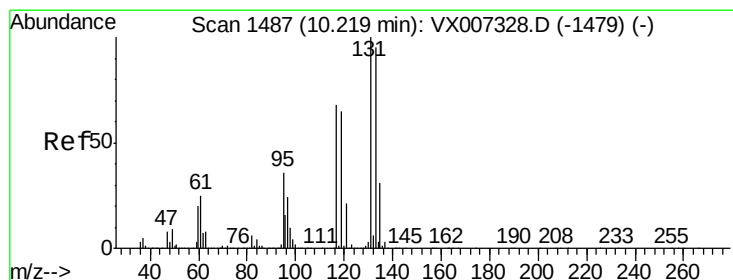
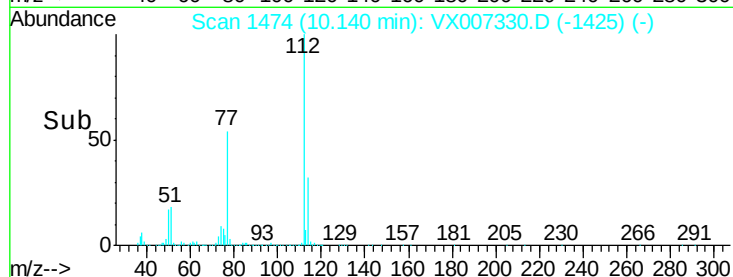
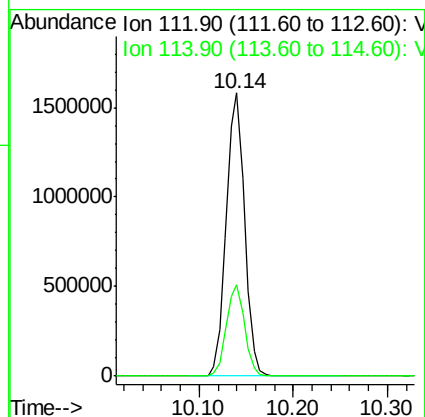
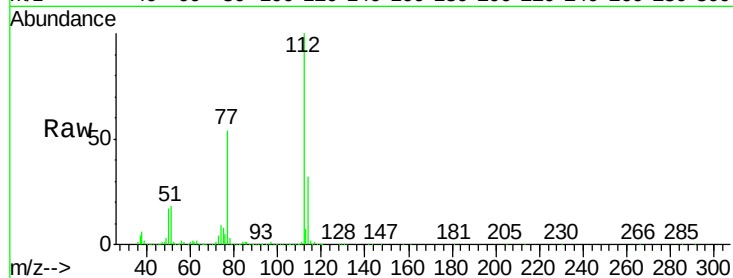
#65
Chlorobenzene
Concen: 145.630 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 2140106
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6

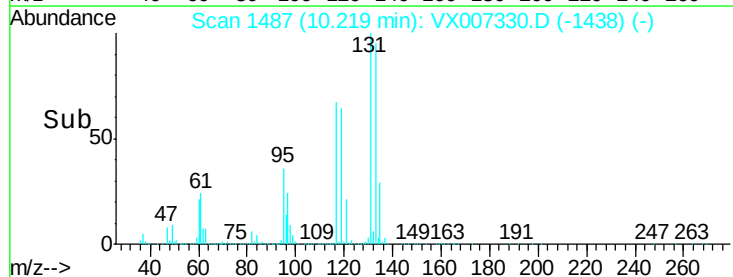
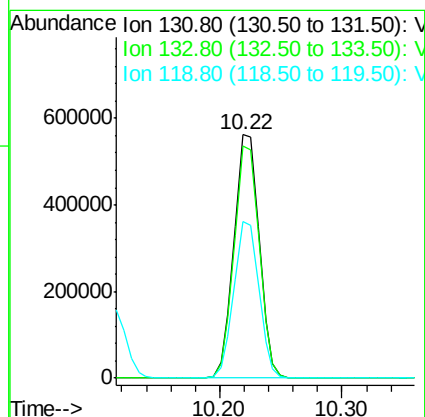
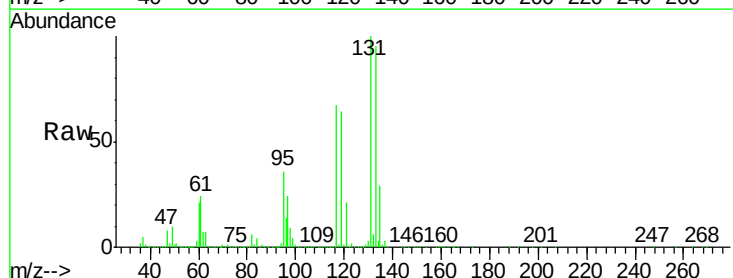
Manual Integrations
APPROVED

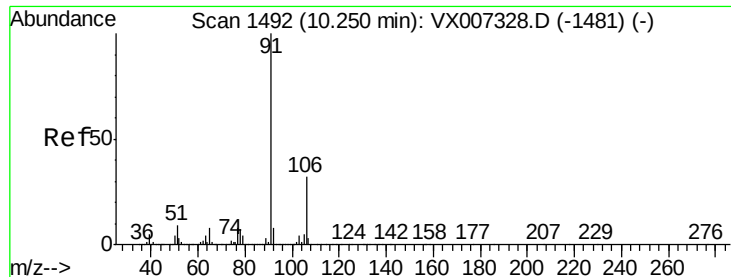
MMDadoda
2/4/2019 9:37:43 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 162.193 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Tgt Ion:131 Resp: 799119
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.2
119 64.1 32.0 96.0





#67

Ethyl Benzene

Concen: 151.630 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 3588369

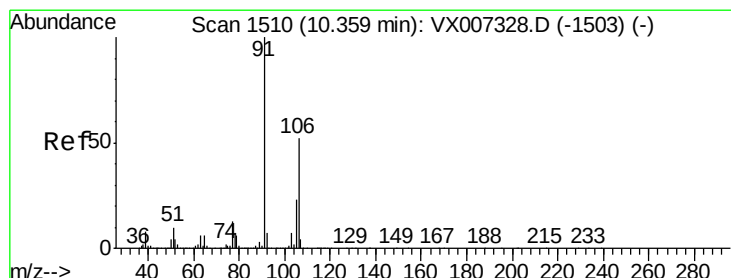
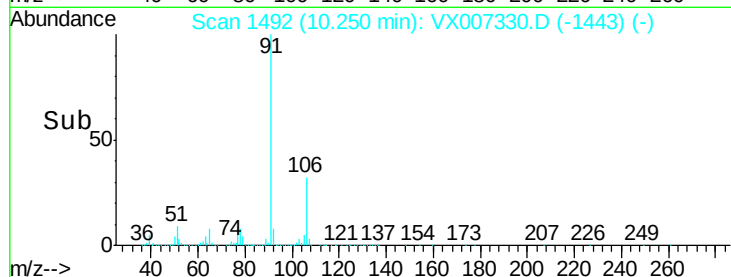
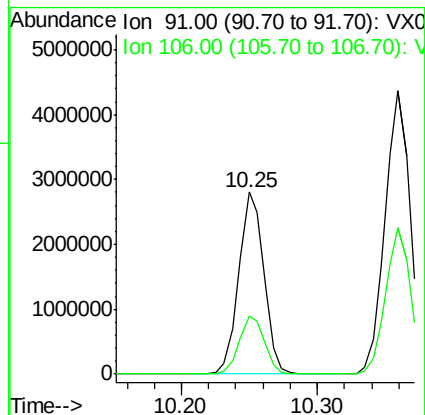
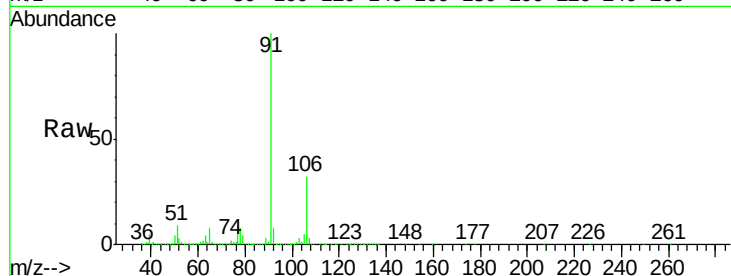
Ion Ratio Lower Upper

91 100

106 32.2 25.4 38.0

Manual Integrations
APPROVED

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2/4/2019 9:37:43 AM



#68

m/p-Xylenes

Concen: 306.956 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007330.D

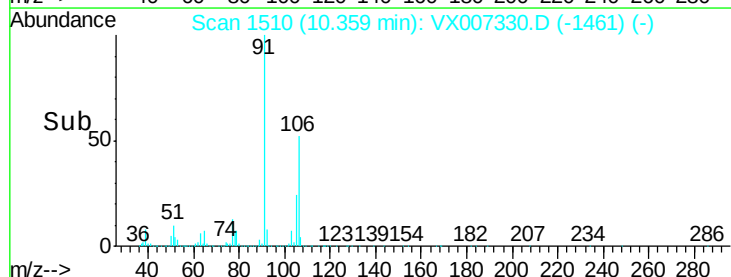
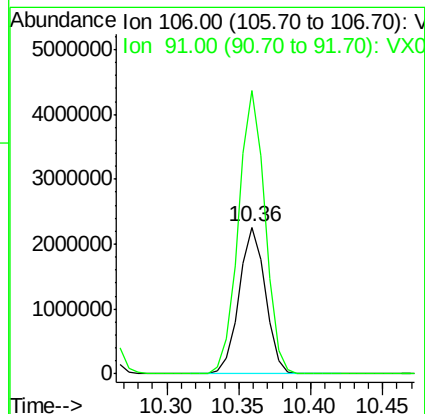
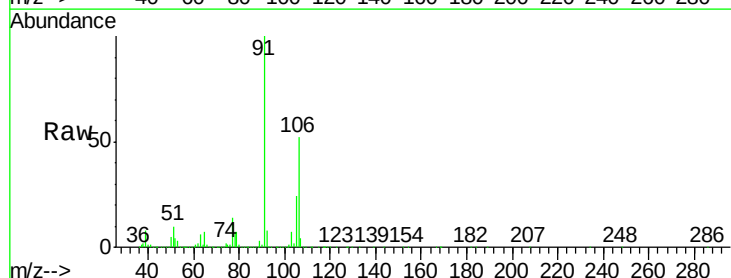
Acq: 01 Feb 2019 11:48

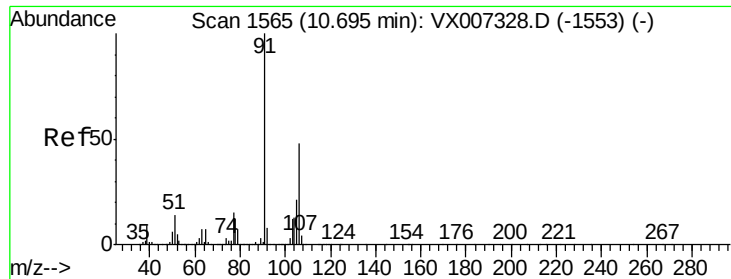
Tgt Ion: 106 Resp: 2887621

Ion Ratio Lower Upper

106 100

91 194.8 156.6 234.8





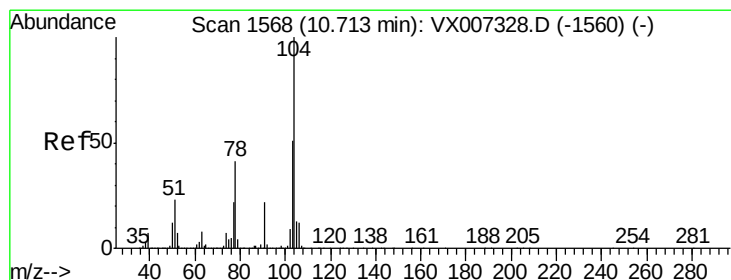
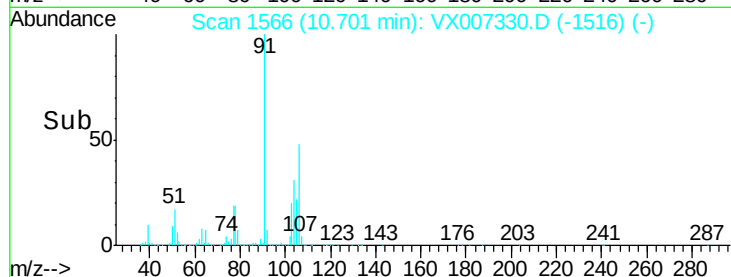
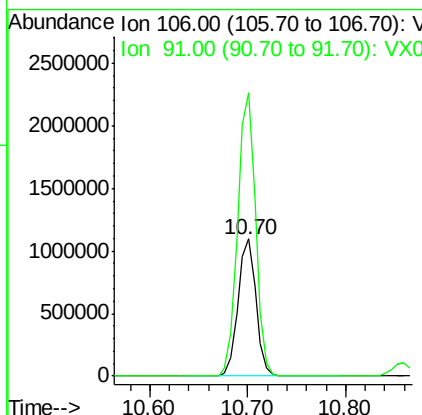
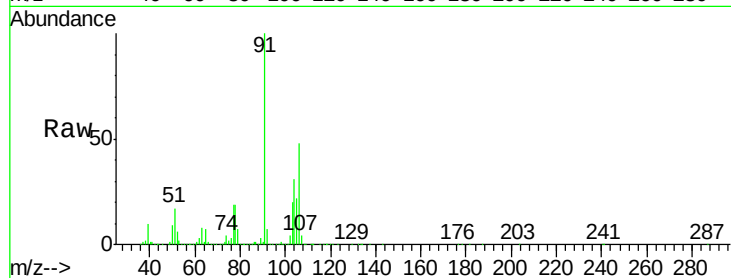
#69
o-Xylene
Concen: 153.288 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 1387589
Ion Ratio Lower Upper
106 100
91 206.7 102.9 308.7

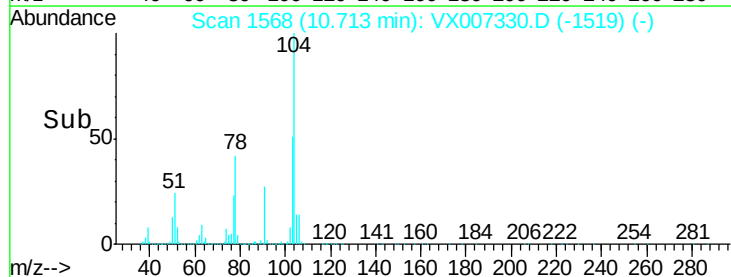
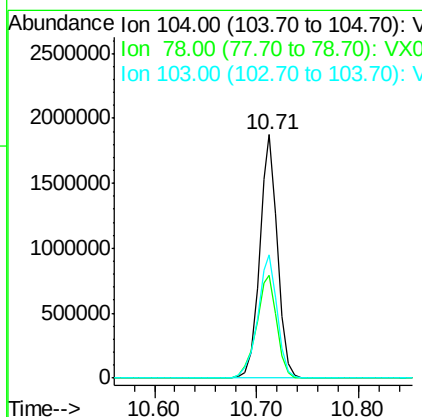
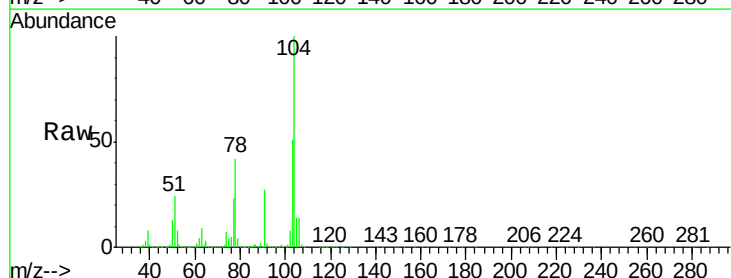
Manual Integrations
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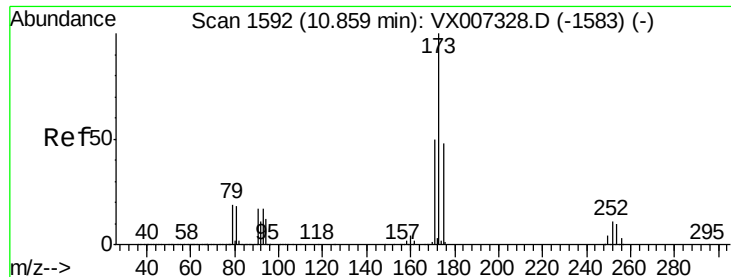
MMDadoda
2/4/2019 9:37:43 AM



#70
Styrene
Concen: 155.615 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Tgt Ion:104 Resp: 2284506
Ion Ratio Lower Upper
104 100
78 48.4 38.3 57.5
103 55.8 44.6 67.0





#71

Bromoform

Concen: 186.917 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Instrument :

MSVOA_X

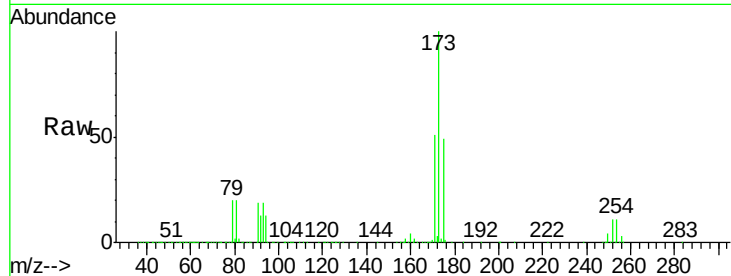
ClientSampleId :

VSTDIC150

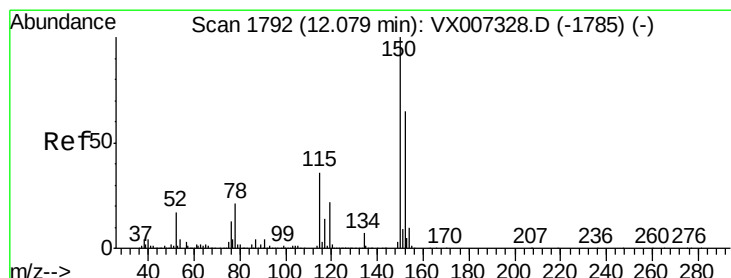
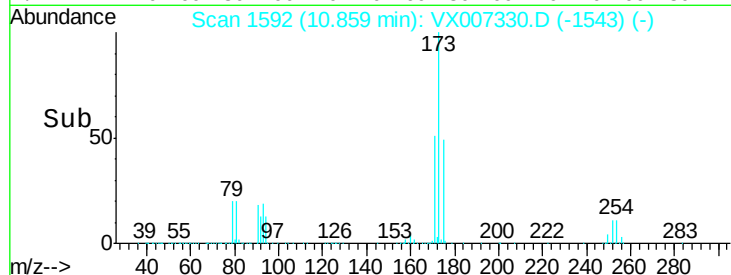
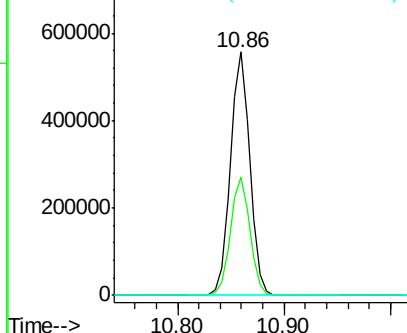
Tot Ion:	173	Resp:	712554
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.2	72.6
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

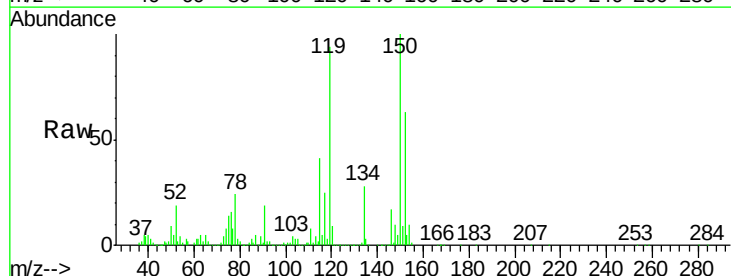
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

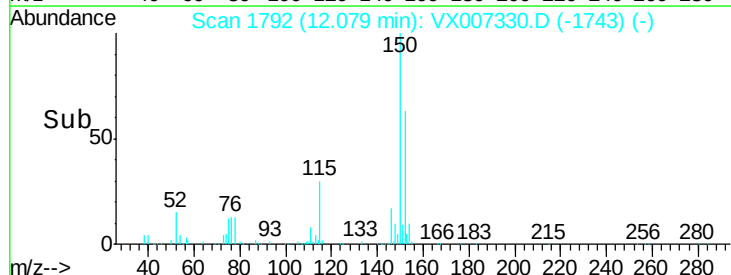
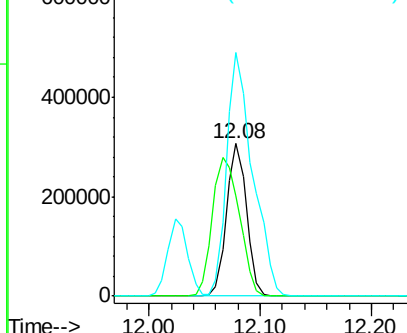
Lab File: VX007330.D

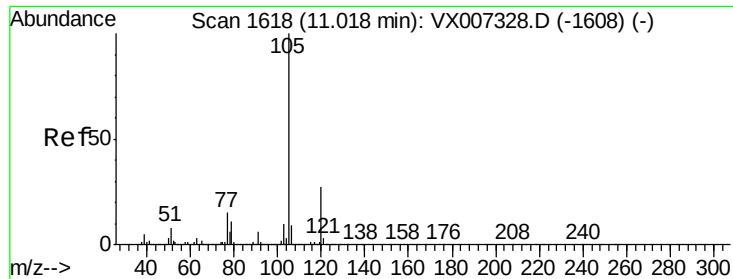
Acq: 01 Feb 2019 11:48

Tgt Ion:	152	Resp:	378849
Ion Ratio	Lower	Upper	
152	100		
115	124.0	38.0	114.0#
150	208.1	0.0	346.4



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





#73

Isopropylbenzene

Concen: 142.853 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 3677731

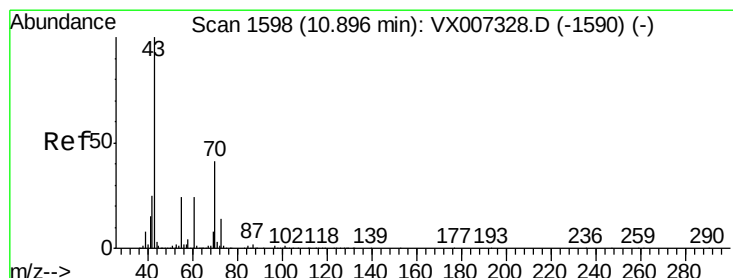
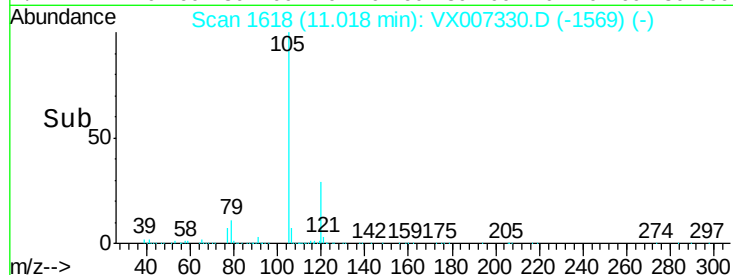
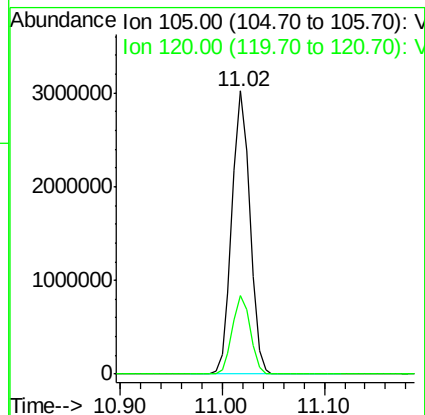
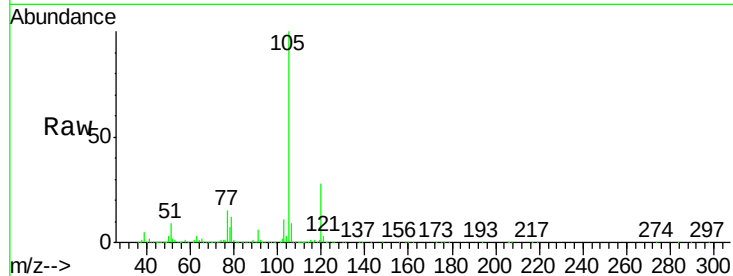
Ion Ratio Lower Upper

105 100

120 27.7 13.6 40.7

Manual Integrations
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2/4/2019 9:37:43 AM



#74

N-ethyl acetate

Concen: 160.703 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Tgt Ion: 43 Resp: 1600246

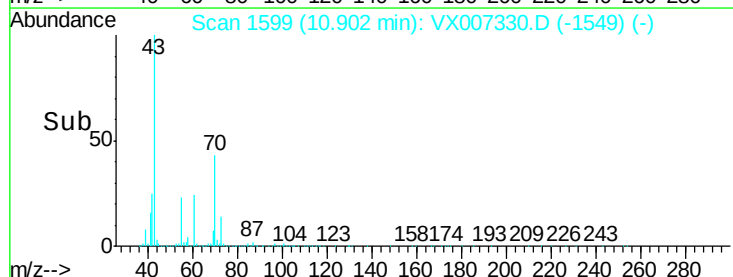
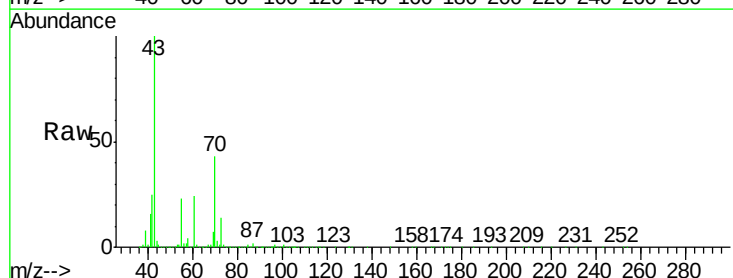
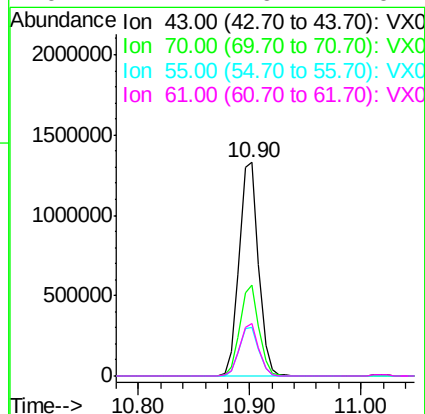
Ion Ratio Lower Upper

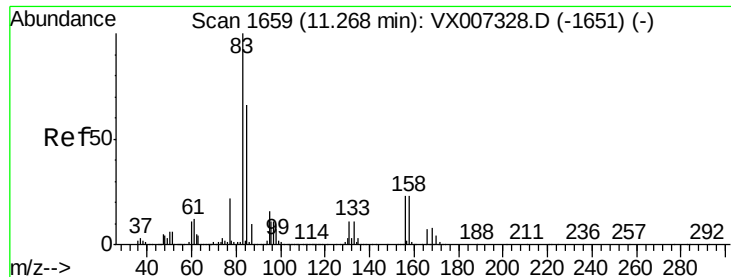
43 100

70 41.7 33.8 50.6

55 23.2 19.5 29.3

61 24.1 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 148.973 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 1168842

Ion Ratio Lower Upper

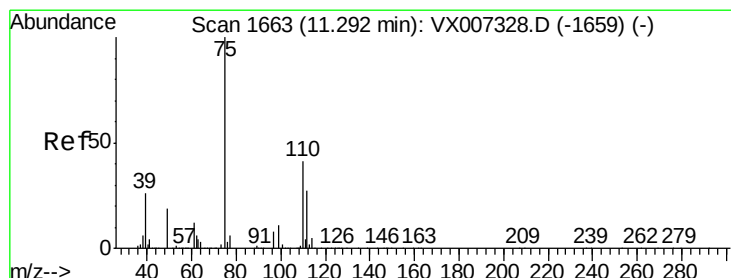
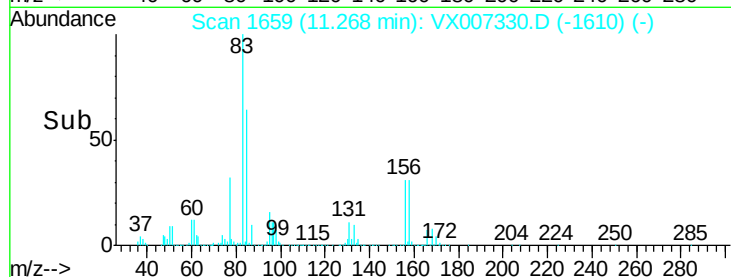
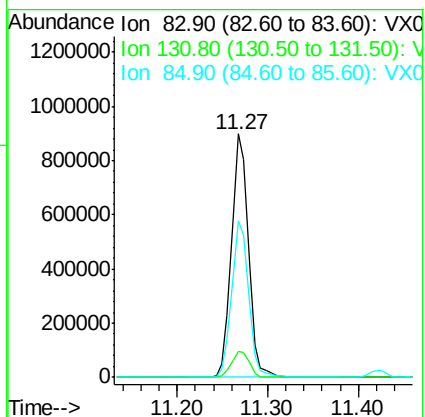
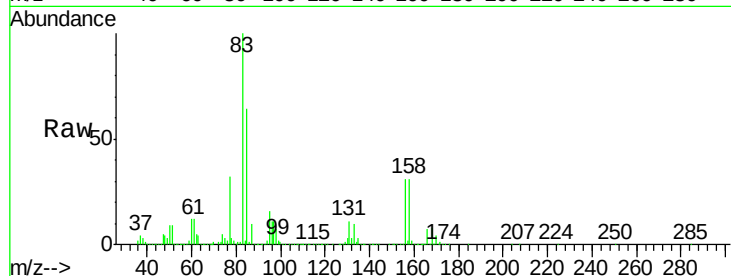
83 100

131 11.1 5.7 17.0

85 64.6 32.8 98.3

Manual Integrations
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2/4/2019 9:37:43 AM



#76

1,2,3-Trichloropropane

Concen: 136.642 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX007330.D

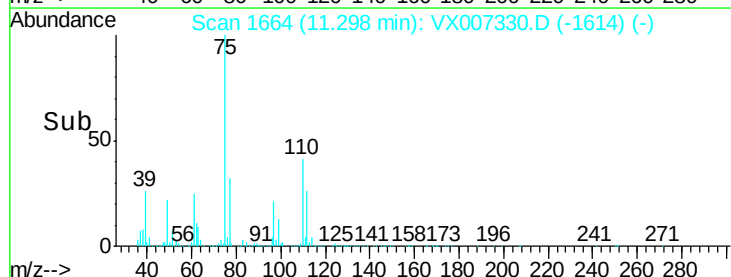
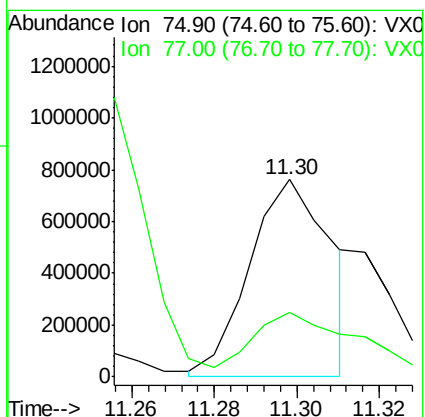
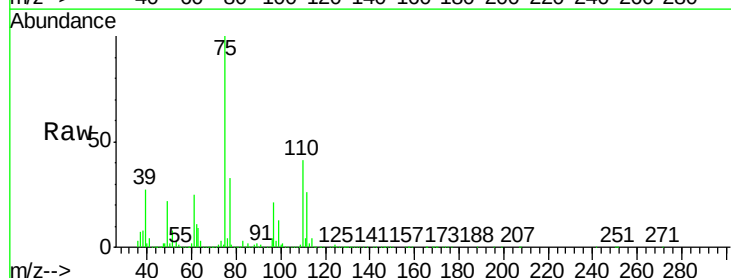
Acq: 01 Feb 2019 11:48

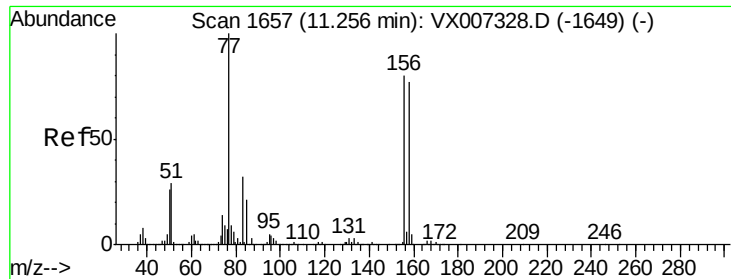
Tgt Ion: 75 Resp: 1049516

Ion Ratio Lower Upper

75 100

77 42.6 23.0 69.0





#77

Bromobenzene

Concen: 139.911 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion:156 Resp: 1014878

Ion Ratio Lower Upper

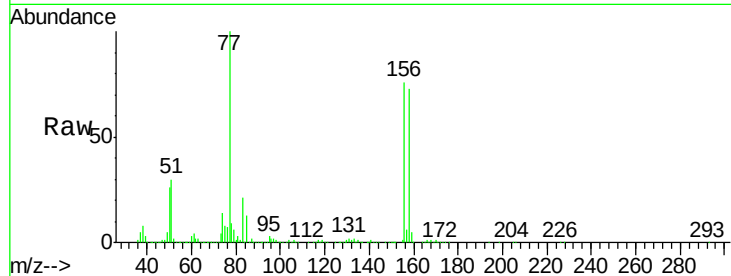
156 100

77 135.5 66.8 200.6

158 96.3 47.9 143.8

Manual Integrations
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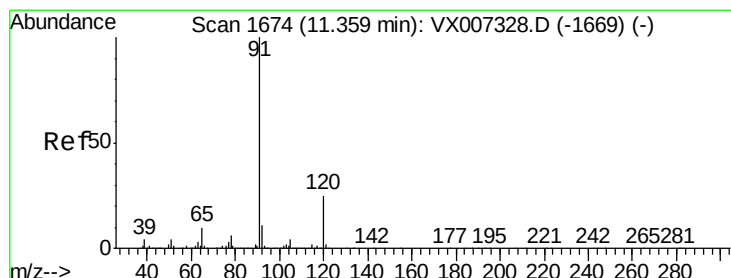
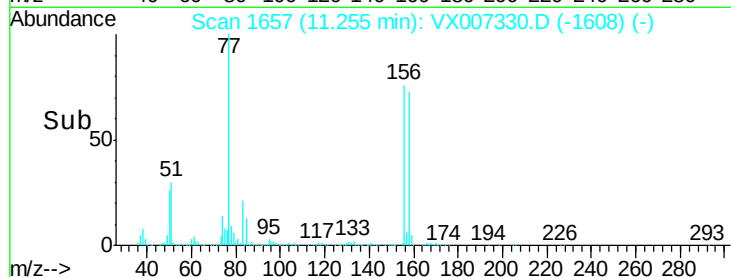
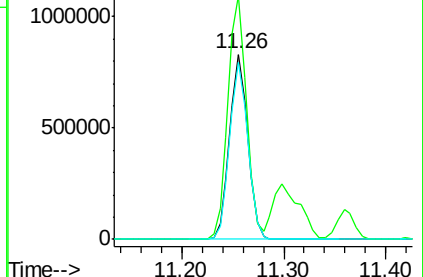
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 147.665 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007330.D

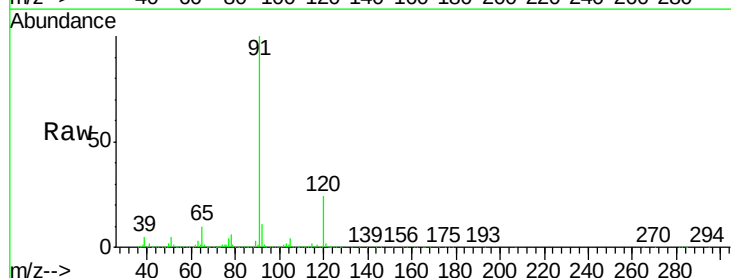
Acq: 01 Feb 2019 11:48

Tgt Ion: 91 Resp: 4168710

Ion Ratio Lower Upper

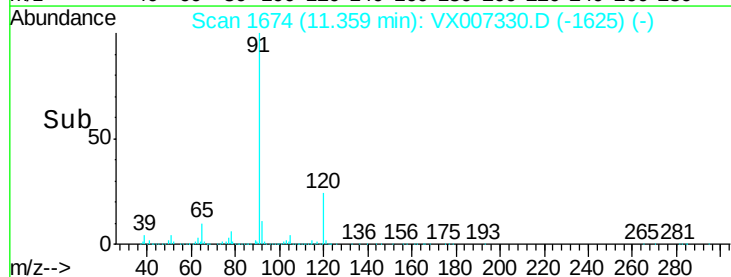
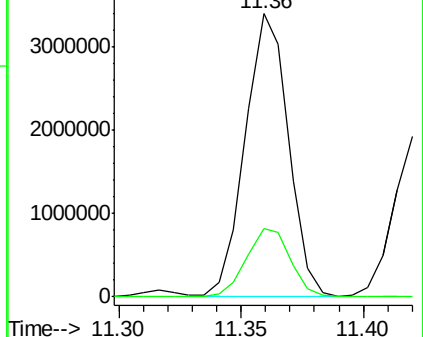
91 100

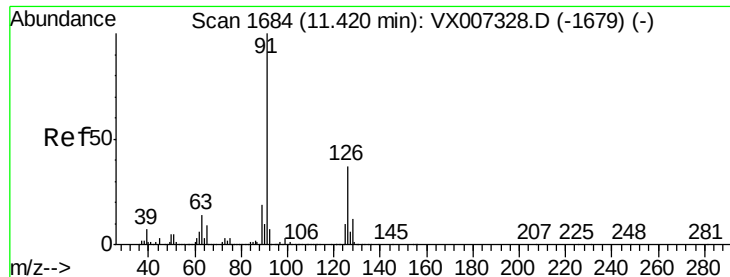
120 24.7 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 140.284 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2403045

Ion Ratio Lower Upper

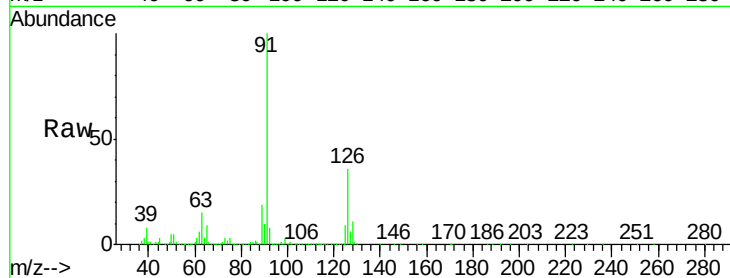
91 100

126 36.9 18.7 56.1

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX007328.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX007328.D (-1679) (-)

4000000

3000000

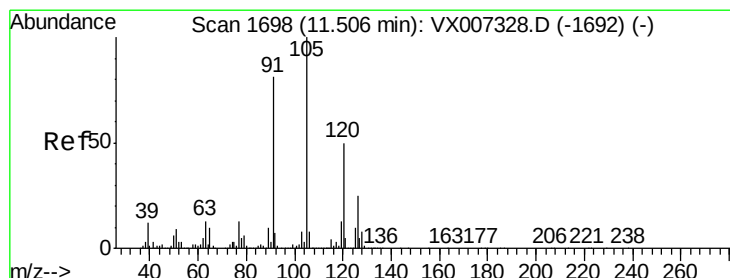
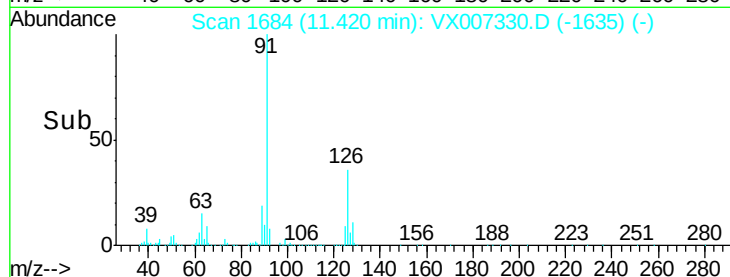
2000000

1000000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 149.165 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007330.D

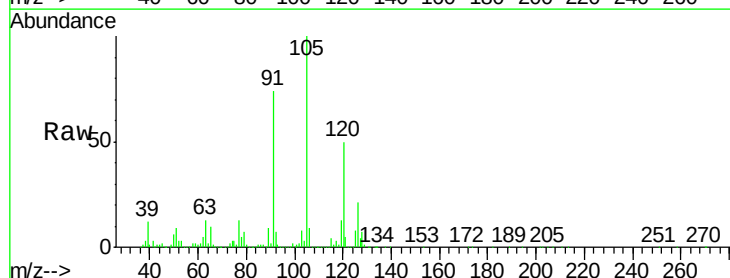
Acq: 01 Feb 2019 11:48

Tgt Ion: 105 Resp: 3141777

Ion Ratio Lower Upper

105 100

120 49.9 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007328.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX007328.D (-1692) (-)

3000000

2500000

2000000

1500000

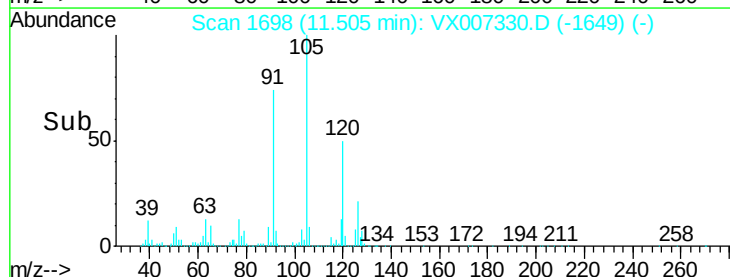
1000000

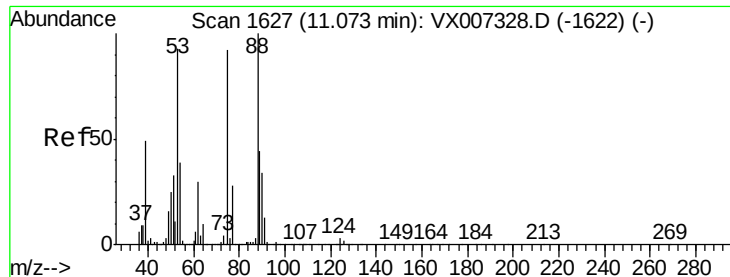
500000

0

11.50 11.60

Time-->





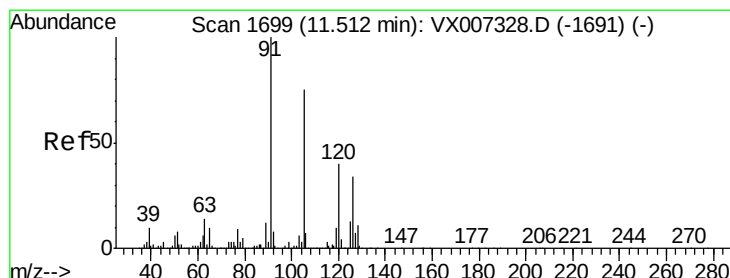
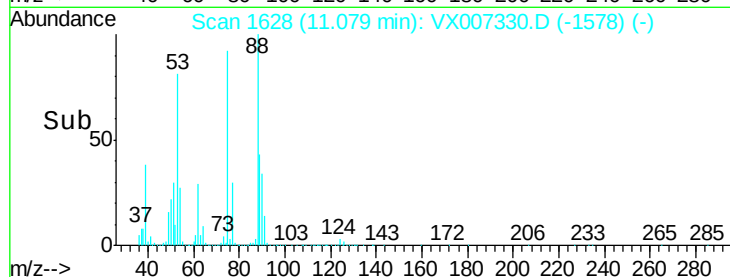
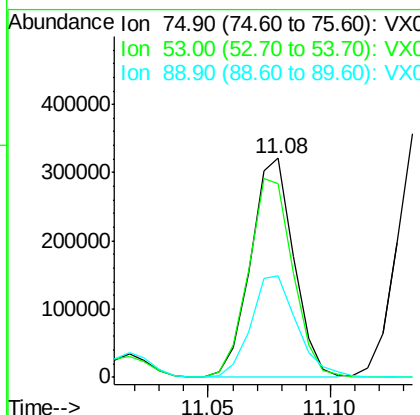
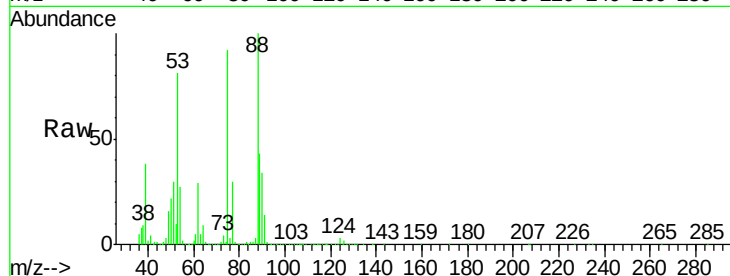
#81
trans-1,4-Dichloro-2-butene
Concen: 185.122 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. 0.01 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.9	81.0	121.6
89	49.8	41.4	62.0

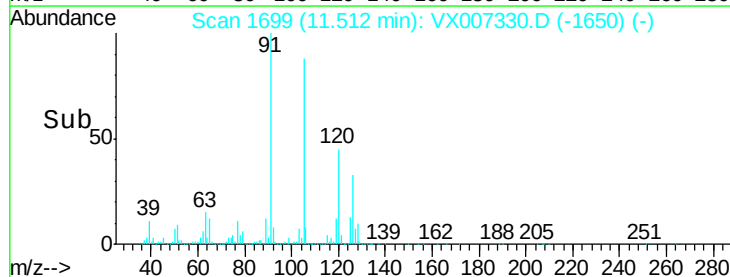
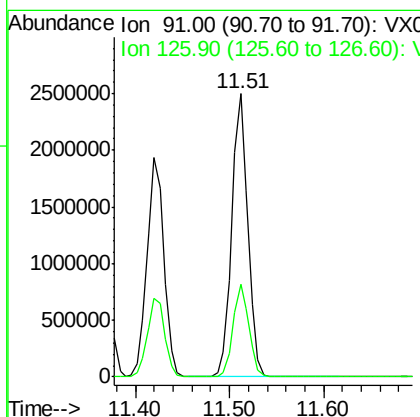
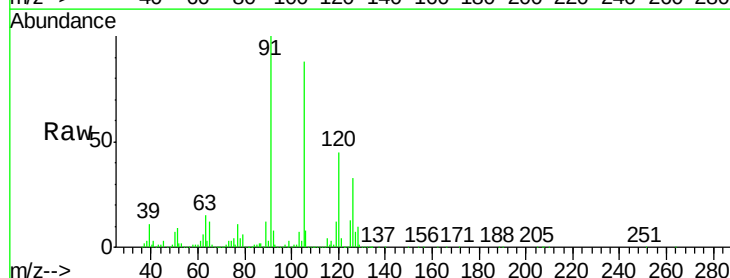
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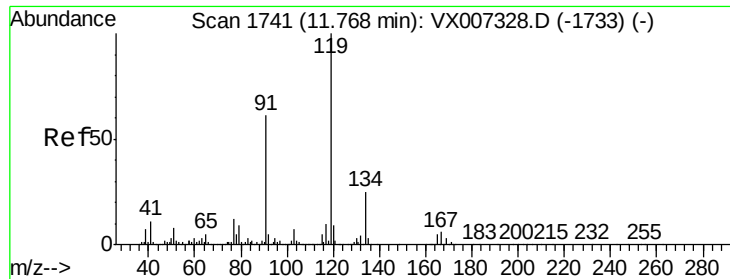
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#82
4-Chlorotoluene
Concen: 149.065 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.2	48.5





#83

tert-Butylbenzene

Concen: 151.465 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Instrument :

MSVOA_X

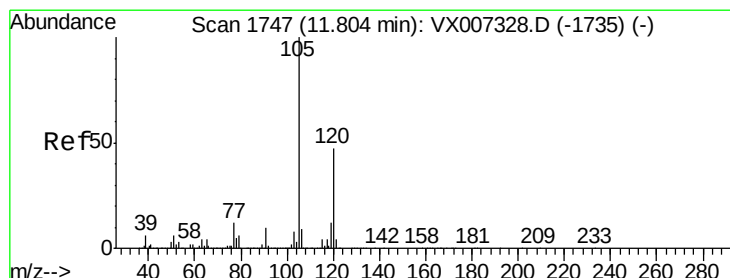
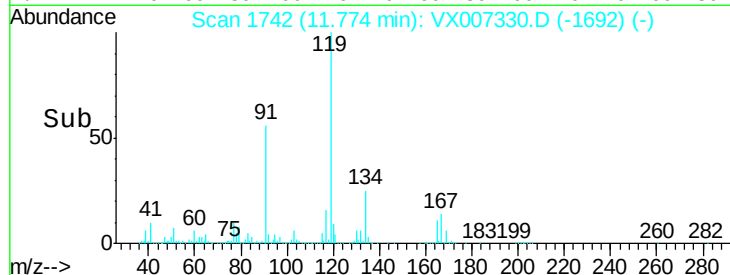
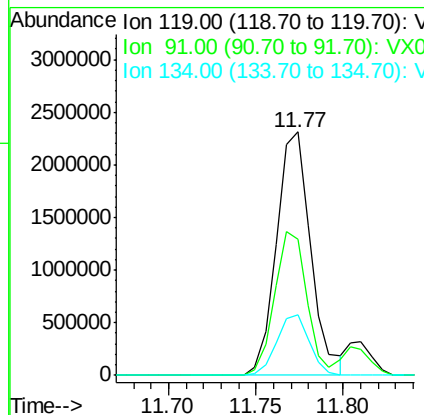
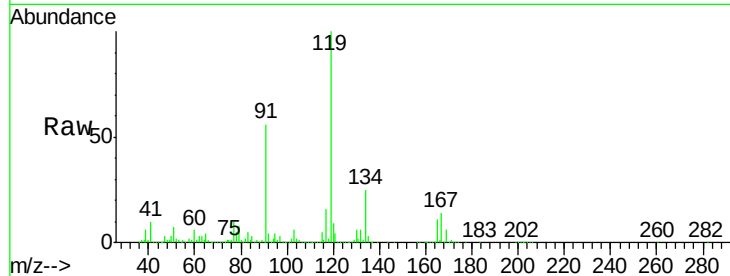
ClientSampleId :

VSTDIC150

Tot Ion:	119	Resp:	3158491
Ion	Ratio	Lower	Upper
119	100		
91	55.5	28.5	85.6
134	23.5	12.0	36.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 148.527 ug/l

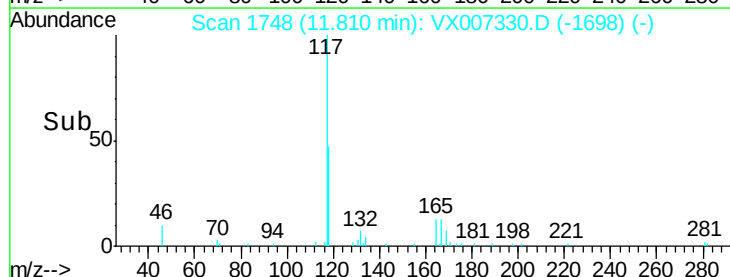
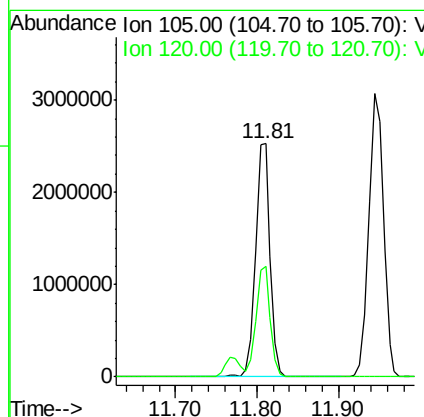
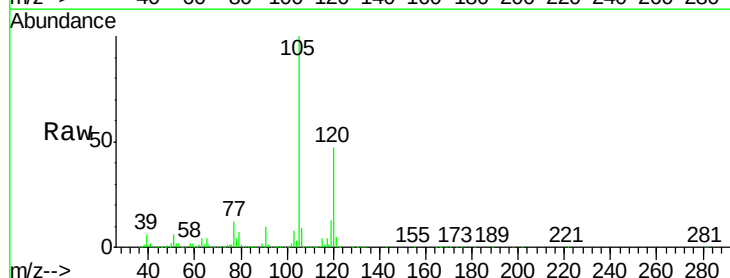
RT: 11.81 min Scan# 1748

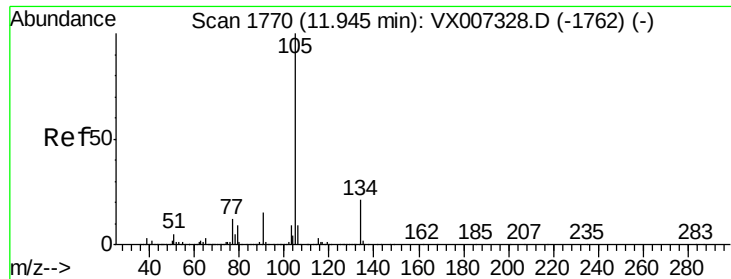
Delta R.T. 0.01 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Tgt Ion:	105	Resp:	3175987
Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.1	69.3





#85

sec-Butylbenzene

Concen: 150.054 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 3787161

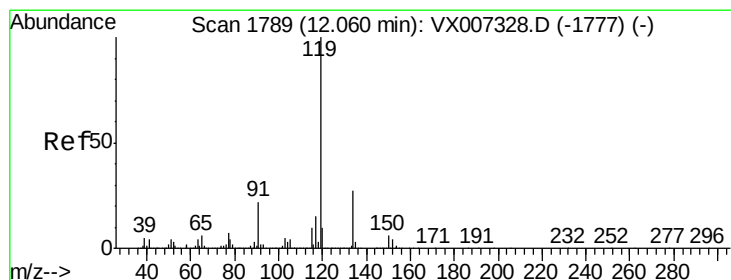
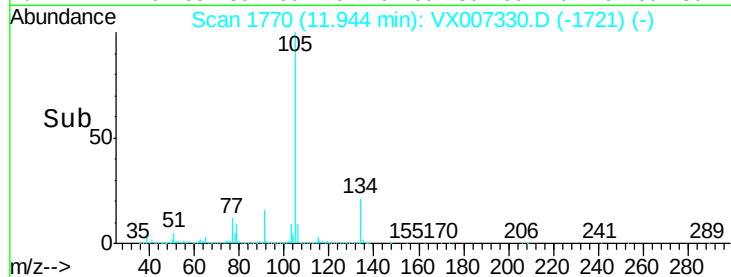
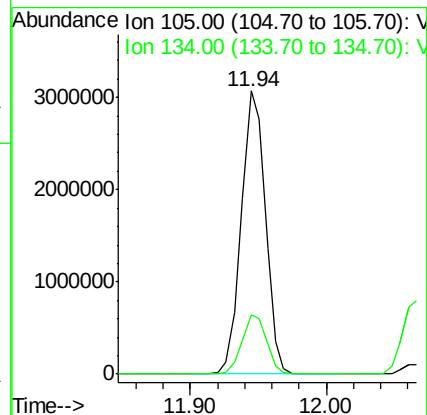
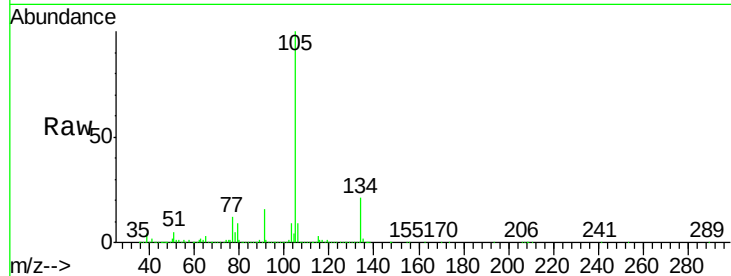
Ion Ratio Lower Upper

105 100

134 21.3 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 151.938 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

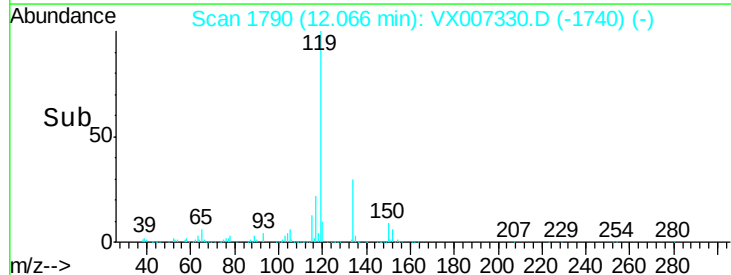
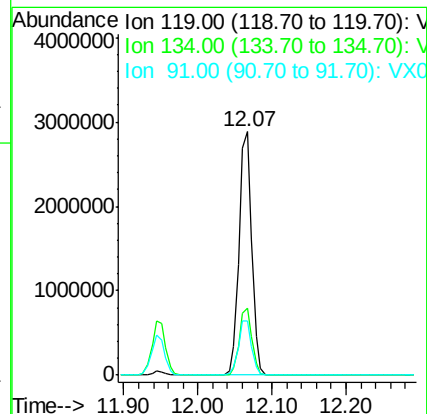
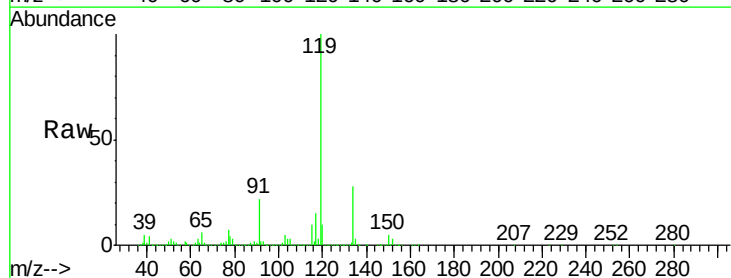
Tgt Ion:119 Resp: 3461602

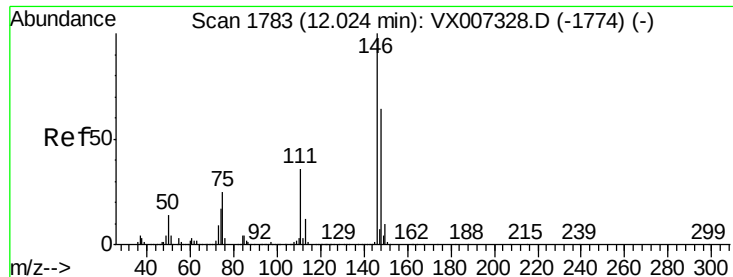
Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 23.0 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 143.161 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007330.D

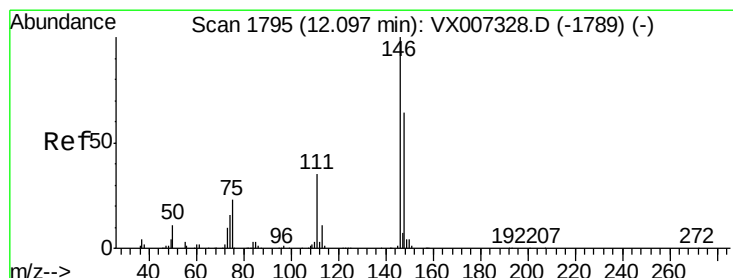
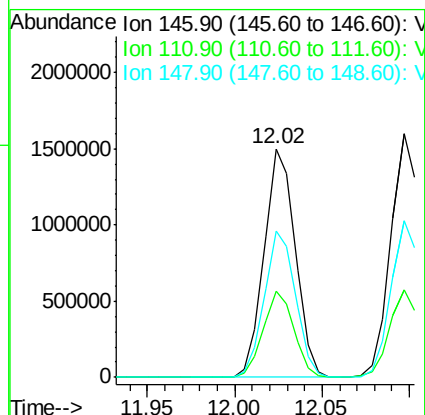
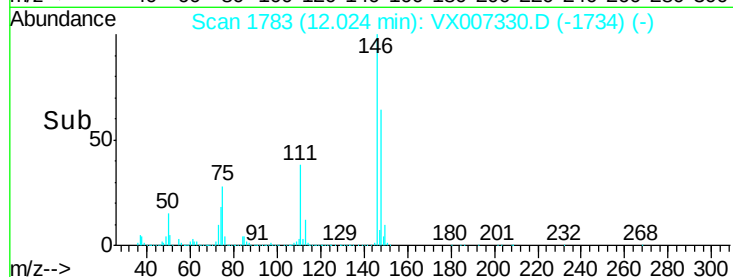
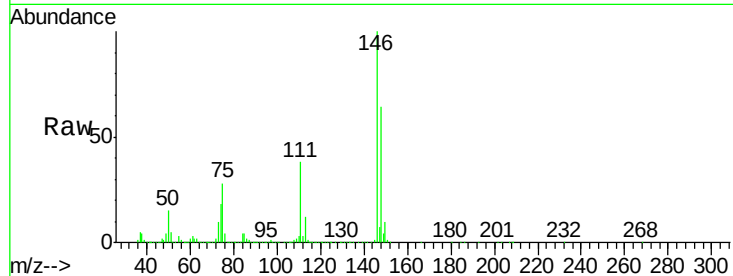
Acq: 01 Feb 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.1
148	63.9	32.0	96.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 143.273 ug/l

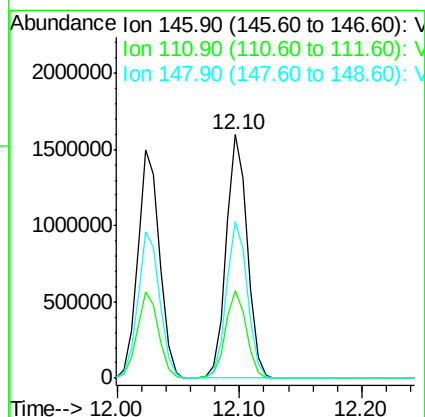
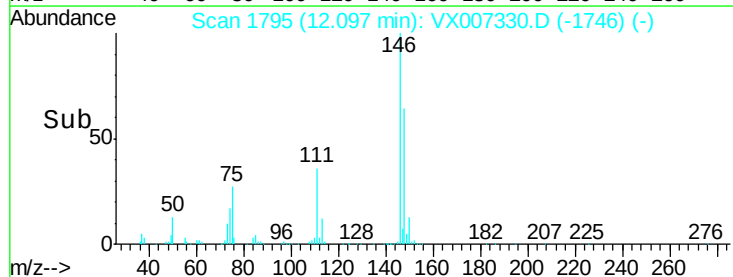
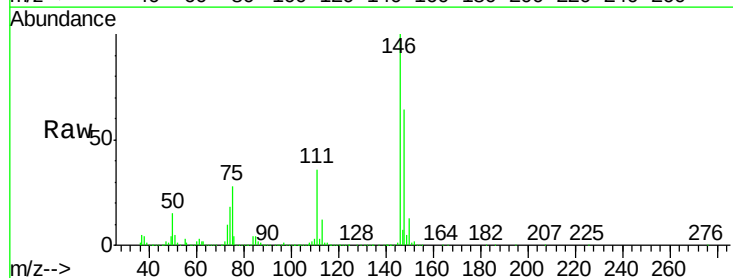
RT: 12.10 min Scan# 1795

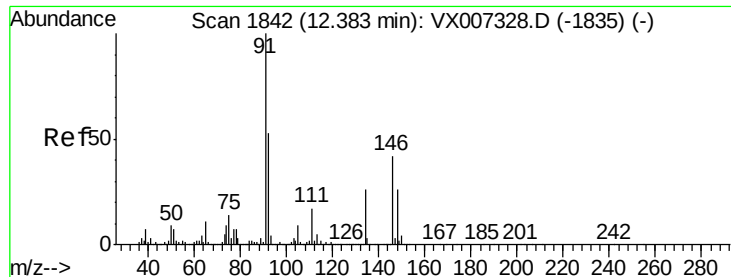
Delta R.T. -0.00 min

Lab File: VX007330.D

Acq: 01 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.1	54.1
148	64.1	32.3	96.9





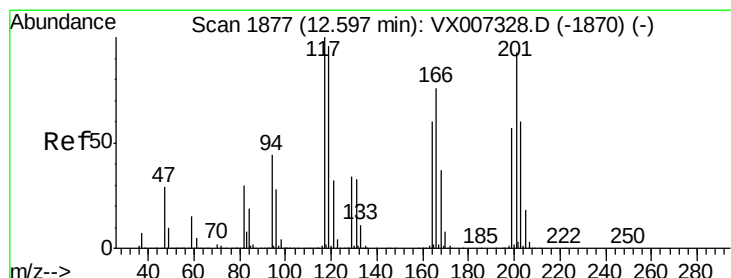
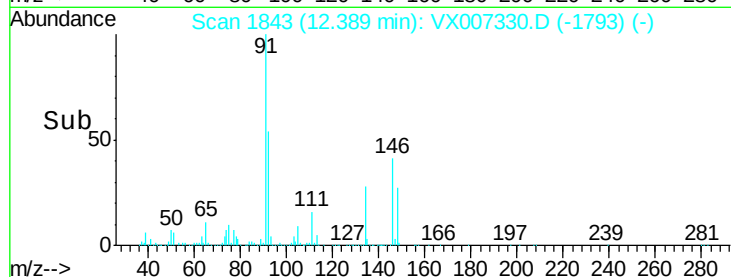
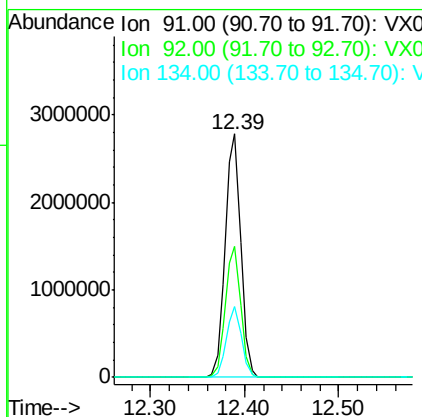
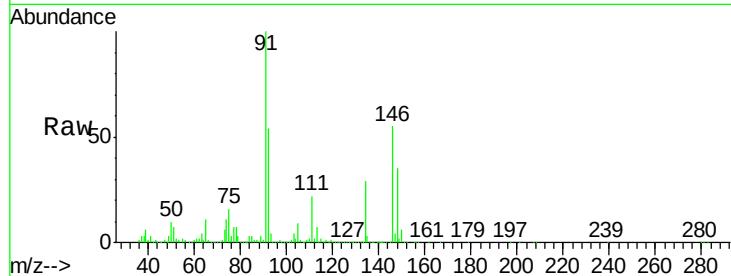
#89
n-Butylbenzene
Concen: 162.028 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 3175574
Ion Ratio Lower Upper
91 100
92 53.2 26.3 78.9
134 28.0 13.9 41.6

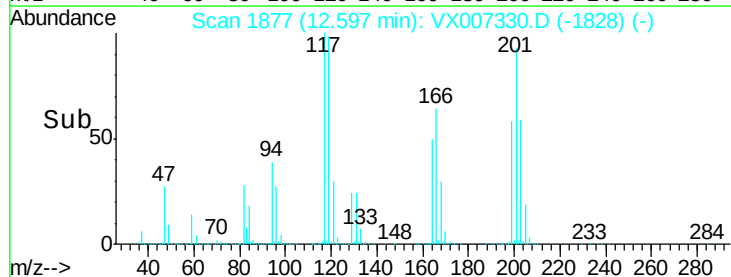
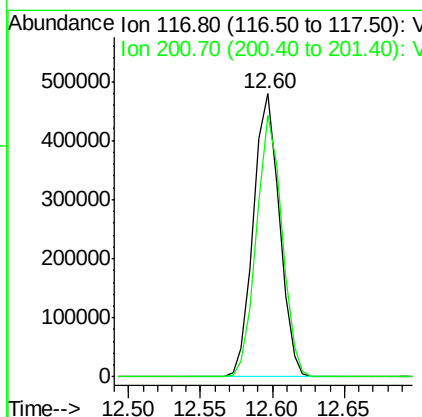
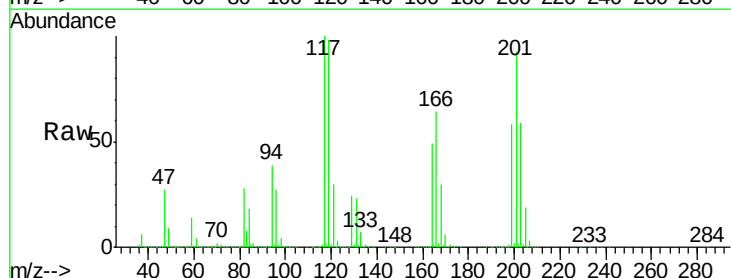
Manual Integrations
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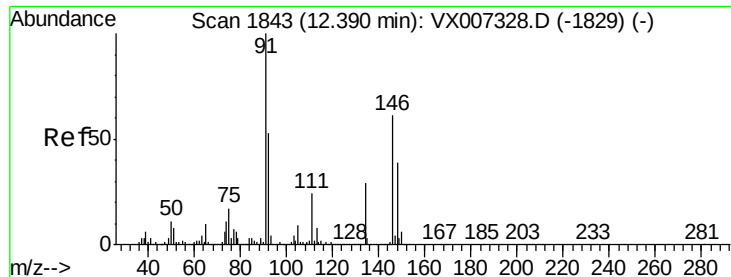
MMDadoda
2/4/2019 9:37:43 AM



#90
Hexachloroethane
Concen: 174.734 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Tgt Ion: 117 Resp: 595803
Ion Ratio Lower Upper
117 100
201 90.9 44.9 134.7





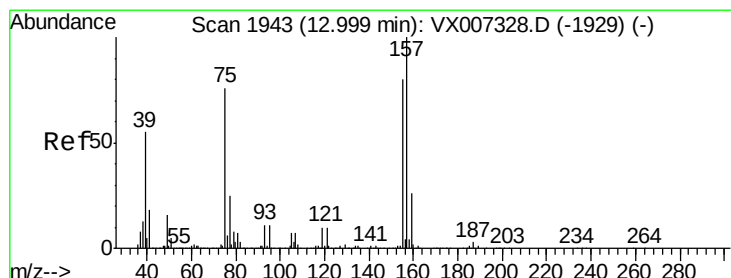
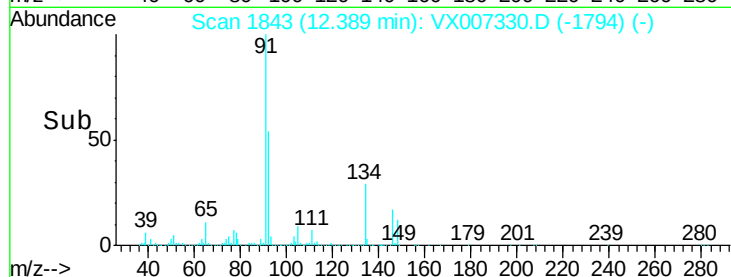
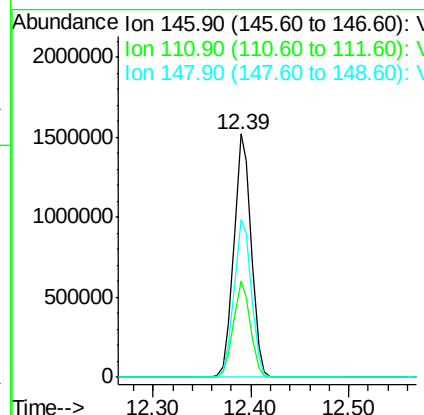
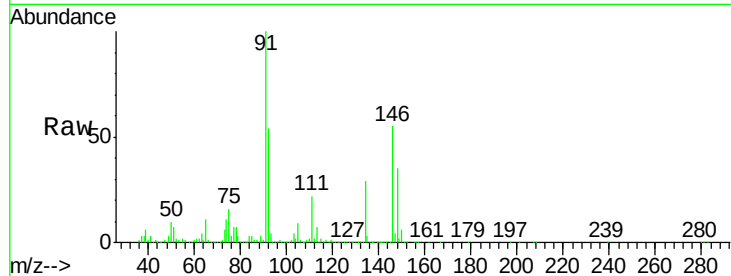
#91
 1,2-Dichlorobenzene
 Concen: 144.255 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007330.D
 Acq: 01 Feb 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.3
148	65.0	32.1	96.3

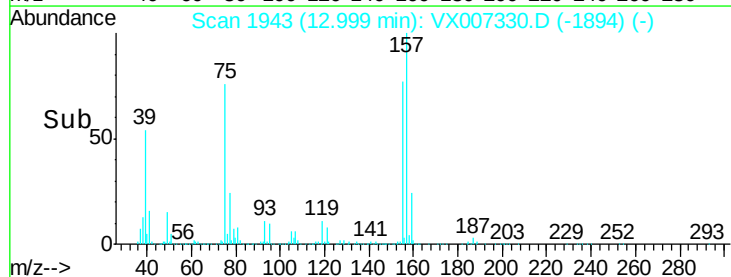
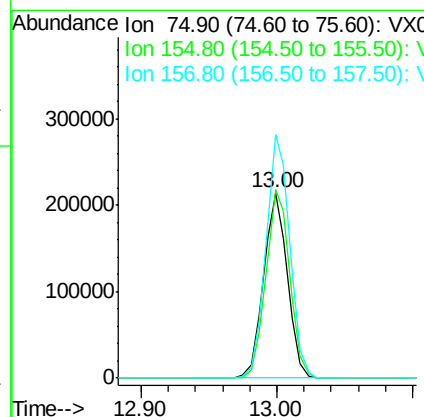
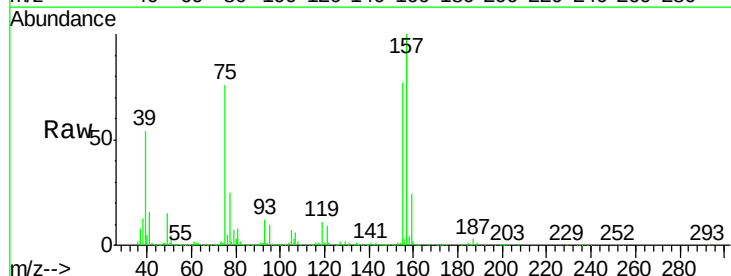
Manual Integrations
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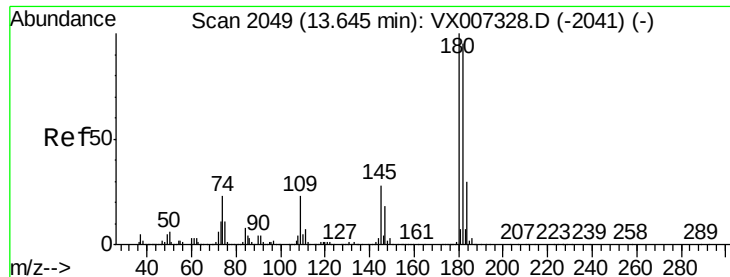
MMDadoda
 2/4/2019 9:37:43 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 161.069 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007330.D
 Acq: 01 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.4	49.6	149.0
157	132.6	65.1	195.3





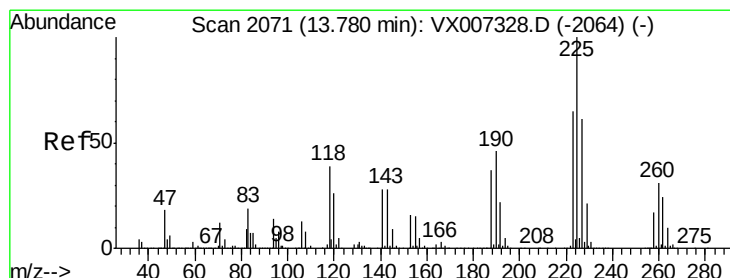
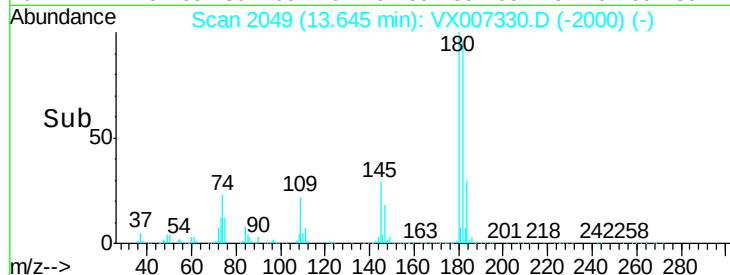
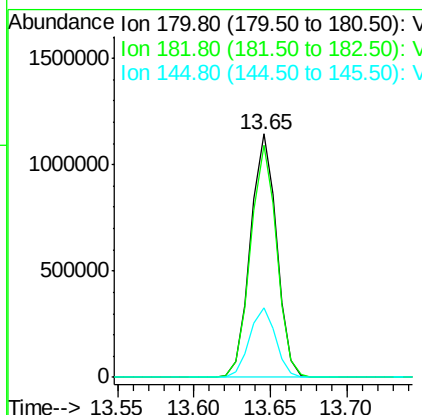
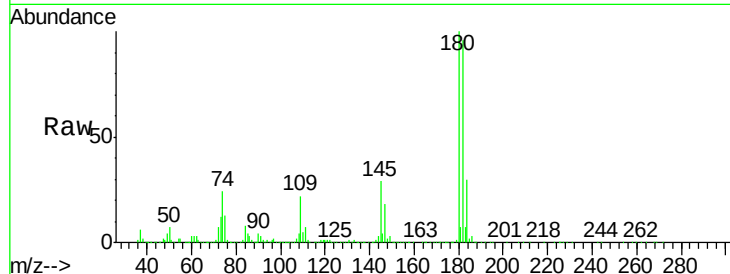
#93
 1,2,4-Trichlorobenzene
 Concen: 155.804 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007330.D
 Acq: 01 Feb 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.8	143.3
145	28.6	14.1	42.2

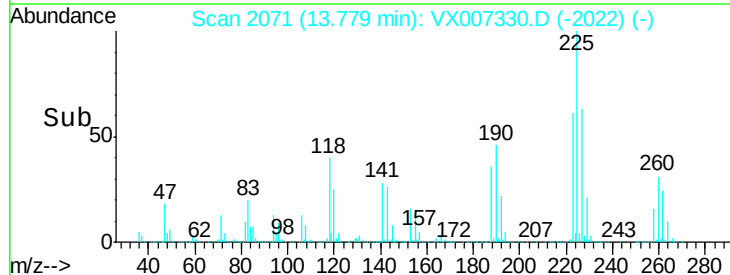
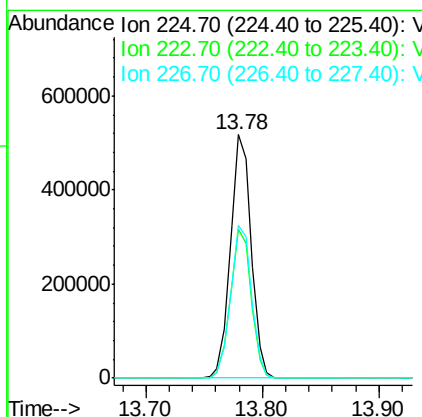
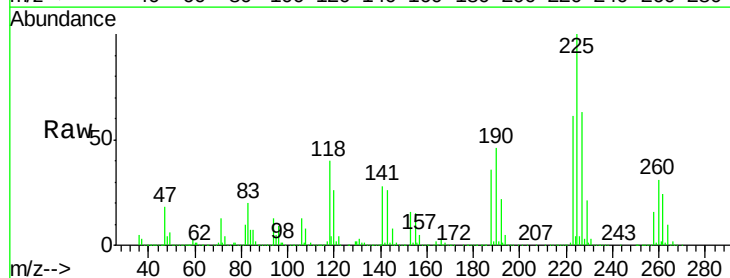
Manual Integrations
 APPROVED

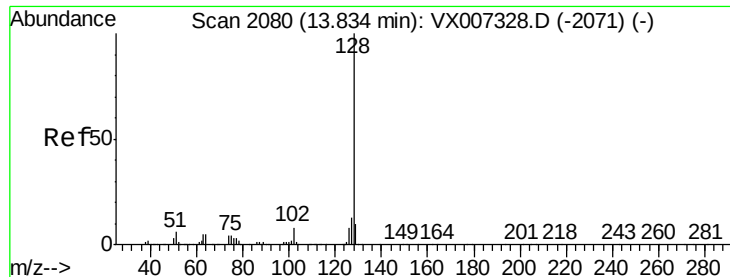
MMDadoda
 2/4/2019 9:37:43 AM



#94
 Hexachlorobutadiene
 Concen: 150.741 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007330.D
 Acq: 01 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	31.6	94.8
227	63.3	32.1	96.3





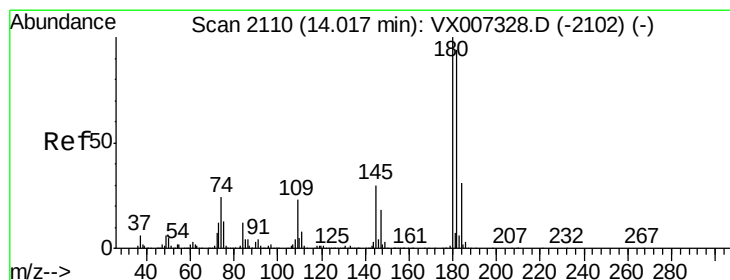
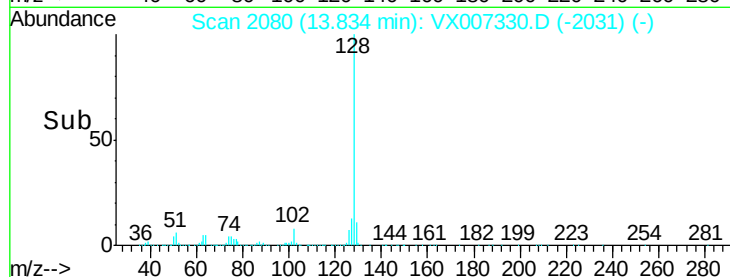
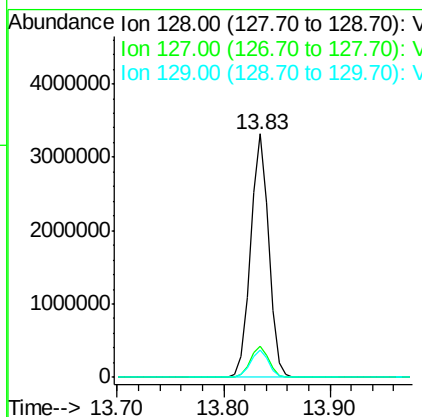
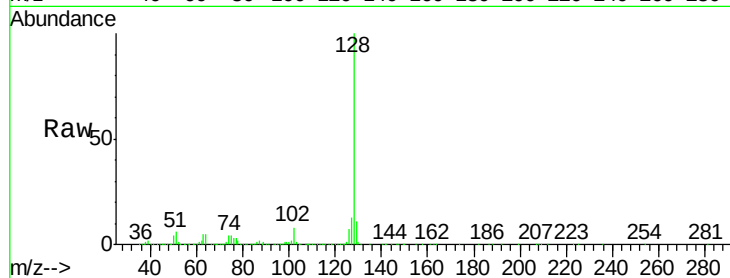
#95
Naphthalene
Concen: 154.729 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/4/2019 9:37:43 AM



#96
1,2,3-Trichlorobenzene
Concen: 151.214 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007330.D
Acq: 01 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.5	142.6
145	30.1	14.9	44.5

