

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020619\
 Data File : VX007390.D
 Acq On : 06 Feb 2019 10:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/7/2019 9:52:49 AM

Quant Time: Feb 07 00:12:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	544002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	749449	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	694172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	403179	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	290900	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	5.50	113	257668	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
50) Toluene-d8	8.71	98	968685	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
62) 4-Bromofluorobenzene	11.14	95	369129	55.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	348265	52.090	ug/l	98
3) Chloromethane	1.33	50	301660	49.231	ug/l	98
4) Vinyl Chloride	1.41	62	300658	50.016	ug/l	99
5) Bromomethane	1.64	94	240014	40.286	ug/l	99
6) Chloroethane	1.71	64	191750	49.311	ug/l	100
7) Trichlorofluoromethane	1.88	101	389901	41.463	ug/l	97
8) Diethyl Ether	2.20	74	183721	51.908	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.35	101	297424	53.173	ug/l	98
10) Methyl Iodide	2.49	142	398498	48.430	ug/l	99
11) Tert butyl alcohol	3.21	59	349695	292.641	ug/l #	1
12) 1,1-Dichloroethene	2.35	96	263966	50.820	ug/l	98
13) Acrolein	2.31	56	155157	276.893	ug/l	99
14) Allyl chloride	2.71	41	456254	53.910	ug/l	98
15) Acrylonitrile	3.17	53	762559	257.962	ug/l	99
16) Acetone	2.48	43	674985	255.195	ug/l	99
17) Carbon Disulfide	2.54	76	640715	47.293	ug/l	100
18) Methyl Acetate	2.79	43	420704	60.915	ug/l	98
19) Methyl tert-butyl Ether	3.22	73	890422	52.915	ug/l	98
20) Methylene Chloride	2.85	84	281681	52.155	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	268725	48.567	ug/l	97
22) Diisopropyl ether	3.89	45	807460	51.869	ug/l	94
23) Vinyl Acetate	3.82	43	3407271	263.757	ug/l	100
24) 1,1-Dichloroethane	3.69	63	487163	54.492	ug/l	98
25) 2-Butanone	4.73	43	939026	249.467	ug/l	100
26) 2,2-Dichloropropane	4.57	77	373226	54.819	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	286109	47.342	ug/l	97
28) Bromochloromethane	5.01	49	218953	53.257	ug/l	96
29) Tetrahydrofuran	5.17	42	621679	262.602	ug/l	98
30) Chloroform	5.21	83	466372	49.993	ug/l	100
31) Cyclohexane	5.56	56	409527	51.004	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	409377	51.988	ug/l	99
36) 1,1-Dichloropropene	5.79	75	346919	51.591	ug/l	99
37) Ethyl Acetate	4.87	43	362882	53.385	ug/l	100
38) Carbon Tetrachloride	5.77	117	355594	54.508	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	448660	55.147	ug/l	100
40) Benzene	6.13	78	1045768	52.795	ug/l	98
41) Methacrylonitrile	5.07	41	195545	53.675	ug/l	99
42) 1,2-Dichloroethane	6.19	62	349744	51.032	ug/l	99
43) Isopropyl Acetate	6.47	43	568654	54.199	ug/l	99
44) Trichloroethene	7.21	130	306086	51.308	ug/l	99
45) 1,2-Dichloropropane	7.51	63	259713	52.331	ug/l	98
46) Dibromomethane	7.66	93	181097	50.206	ug/l	98
47) Bromodichloromethane	7.90	83	318694	52.132	ug/l	99
48) Methyl methacrylate	7.78	41	292873	55.806	ug/l	99
49) 1,4-Dioxane	7.79	88	136990	1146.777	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1953766	282.870	ug/l	99
52) Toluene	8.78	92	675339	52.844	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	373369	56.860	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	410136	56.796	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	274714	51.568	ug/l	99
56) Ethyl methacrylate	9.18	69	401572	54.427	ug/l	100
57) 1,3-Dichloropropane	9.37	76	443589	52.361	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1385756	356.333	ug/l	99
59) 2-Hexanone	9.51	43	1567009	291.550	ug/l	100
60) Dibromochloromethane	9.59	129	278065	55.191	ug/l	99
61) 1,2-Dibromoethane	9.67	107	295300	52.344	ug/l	99
64) Tetrachloroethene	9.34	164	308701	47.182	ug/l	97
65) Chlorobenzene	10.14	112	769880	50.823	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	278837	54.903	ug/l	100
67) Ethyl Benzene	10.25	91	1292980	53.003	ug/l	99
68) m/p-Xylenes	10.36	106	1036362	106.874	ug/l	99
69) o-Xylene	10.70	106	507571	54.396	ug/l	99
70) Styrene	10.71	104	821615	54.294	ug/l	100
71) Bromoform	10.86	173	222162	49.884	ug/l	100
73) Isopropylbenzene	11.02	105	1355470	49.473	ug/l	99
74) N-amyl acetate	10.90	43	571562	53.935	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	453955	54.367	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	393054m	50.120	ug/l	
77) Bromobenzene	11.26	156	370214	47.958	ug/l	98
78) n-propylbenzene	11.36	91	1536216	51.133	ug/l	100
79) 2-Chlorotoluene	11.42	91	909216	49.875	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1167754	52.097	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	130244	51.221	ug/l	98
82) 4-Chlorotoluene	11.51	91	1076760	51.046	ug/l	99
83) tert-Butylbenzene	11.77	119	1186192	53.451	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1188908	52.245	ug/l	100
85) sec-Butylbenzene	11.94	105	1387647	51.663	ug/l	99
86) p-Isopropyltoluene	12.07	119	1278908	52.747	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	688233	49.677	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	701701	49.923	ug/l	100
89) n-Butylbenzene	12.39	91	1075947	51.586	ug/l	99
90) Hexachloroethane	12.60	117	198771	54.777	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	719812	52.208	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	94376	54.358	ug/l	99

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VSTDCCC050

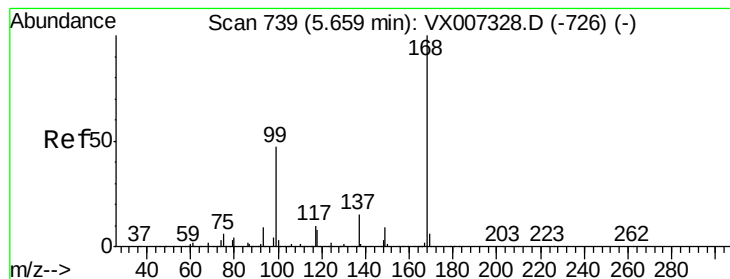
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	508666	54.706	ug/l	100
94) Hexachlorobutadiene	13.78	225	241730	53.540	ug/l	98
95) Naphthalene	13.83	128	1524098	56.052	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	511856	54.689	ug/l	99

(#) = 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: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 544002

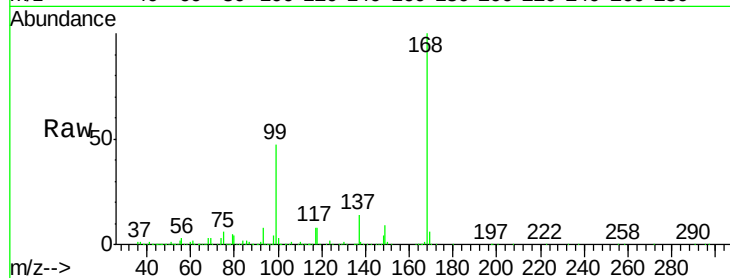
Ion Ratio Lower Upper

168 100

99 46.8 37.9 56.9

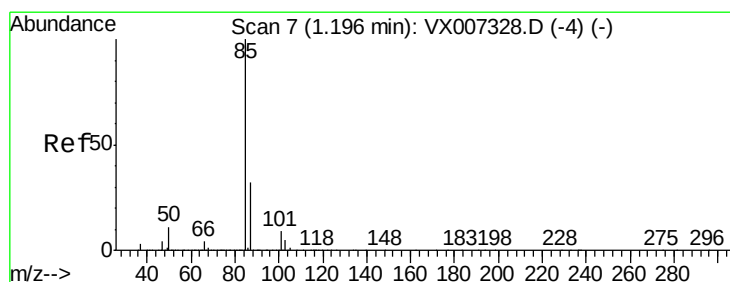
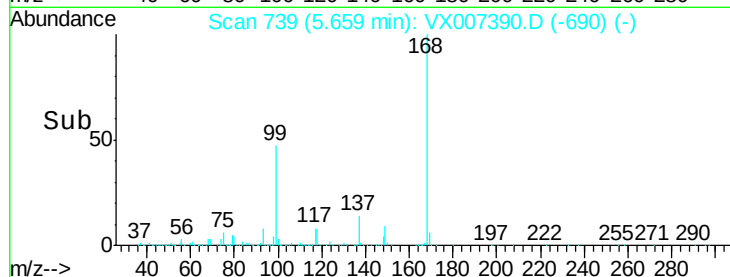
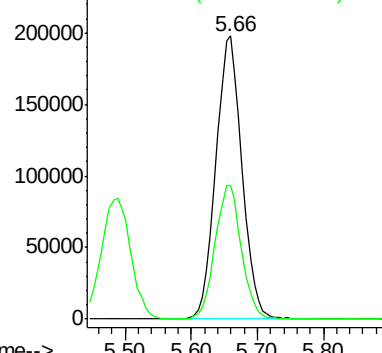
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 52.090 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007390.D

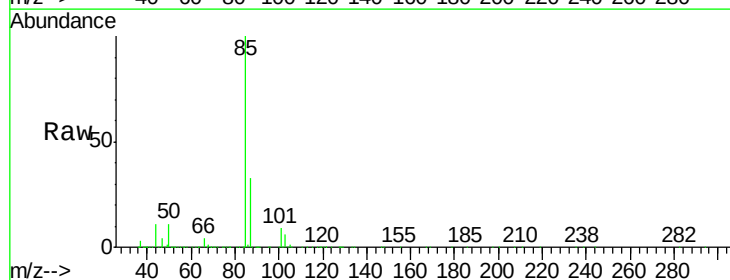
Acq: 06 Feb 2019 10:38

Tgt Ion: 85 Resp: 348265

Ion Ratio Lower Upper

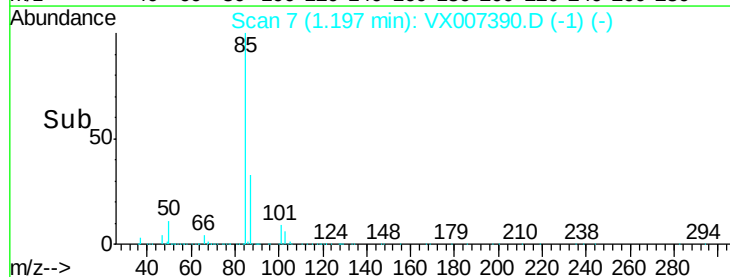
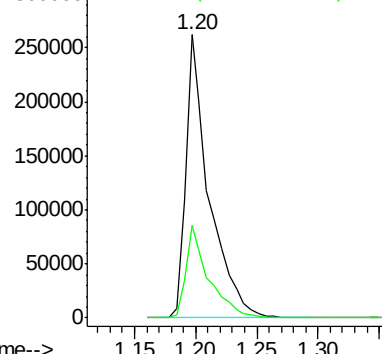
85 100

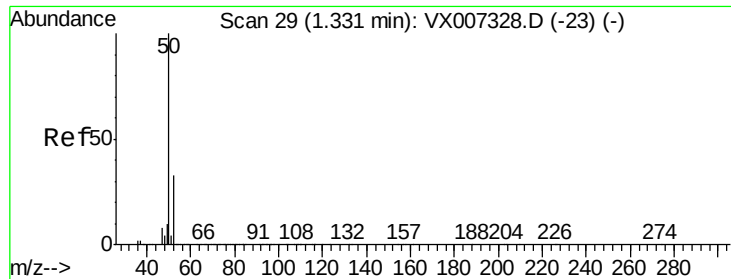
87 32.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.231 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 301660

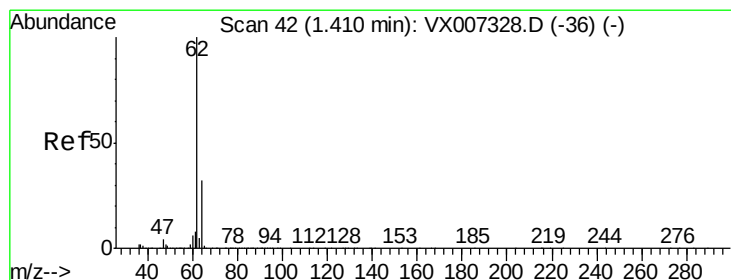
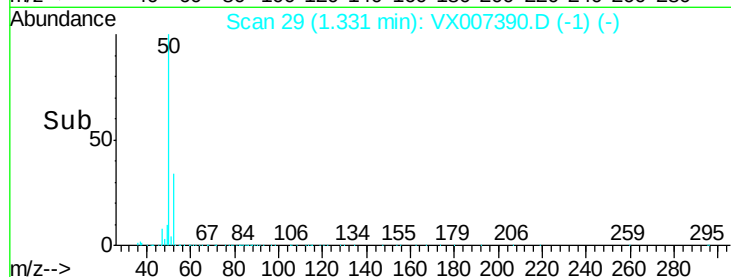
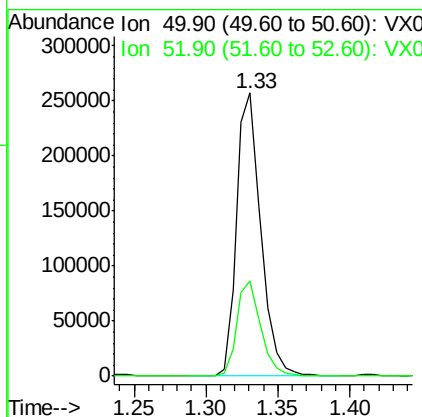
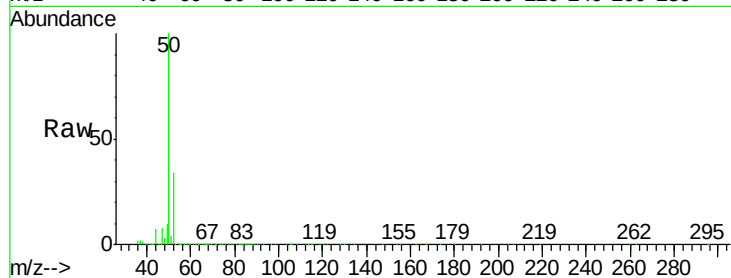
Ion Ratio Lower Upper

50 100

52 33.8 26.1 39.1

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#4

Vinyl Chloride

Concen: 50.016 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007390.D

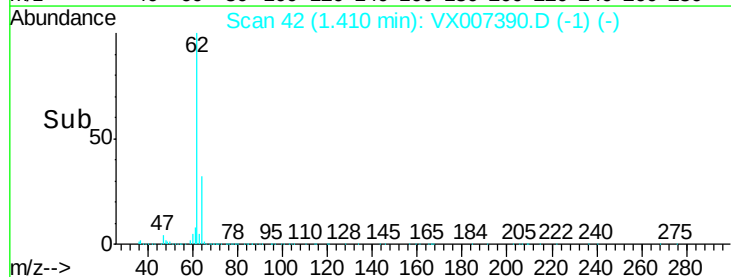
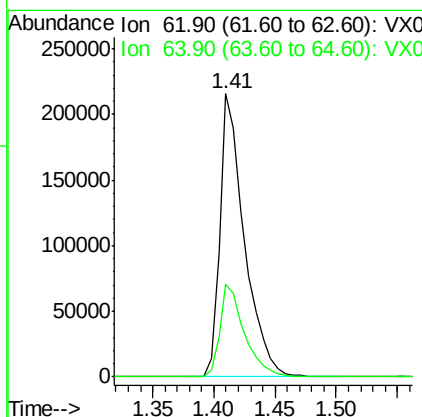
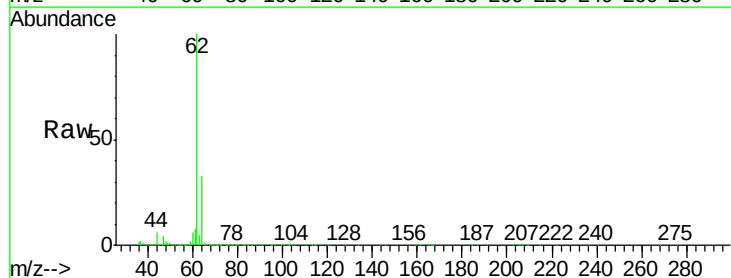
Acq: 06 Feb 2019 10:38

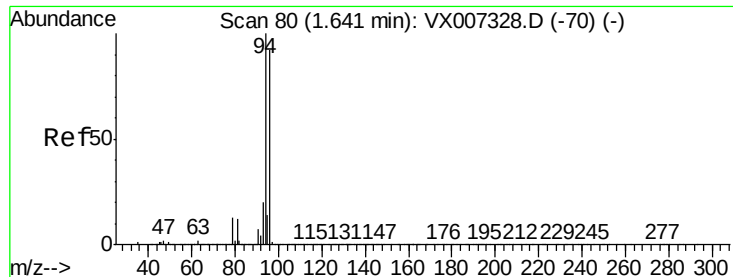
Tgt Ion: 62 Resp: 300658

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.0





#5

Bromomethane

Concen: 40.286 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 240014

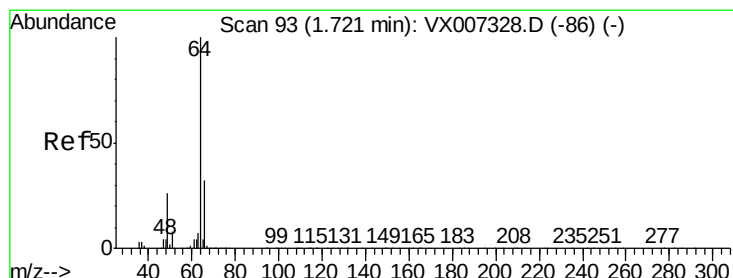
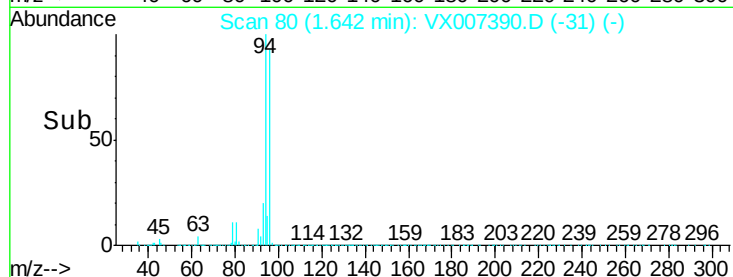
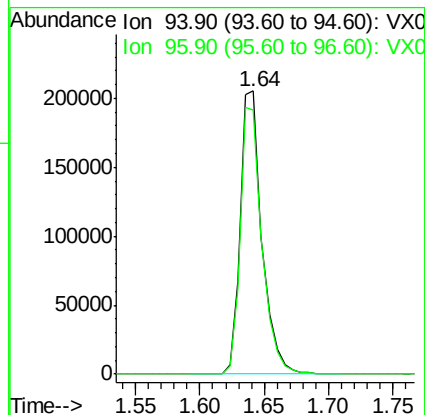
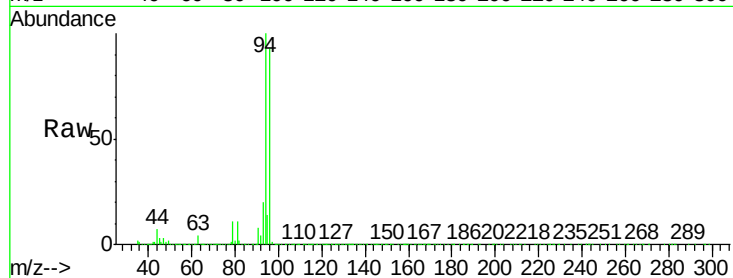
Ion Ratio Lower Upper

94 100

96 93.3 73.9 110.9

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#6

Chloroethane

Concen: 49.311 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX007390.D

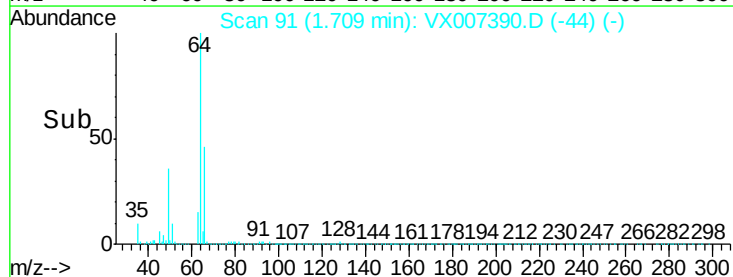
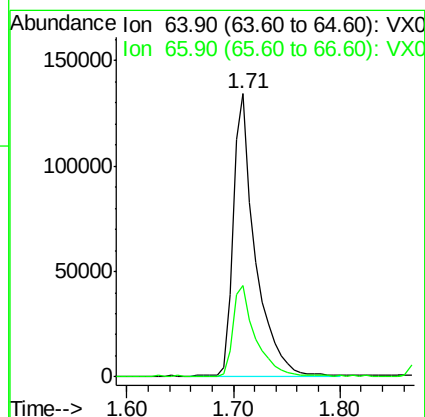
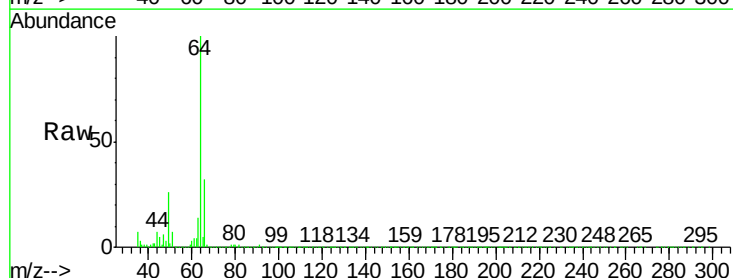
Acq: 06 Feb 2019 10:38

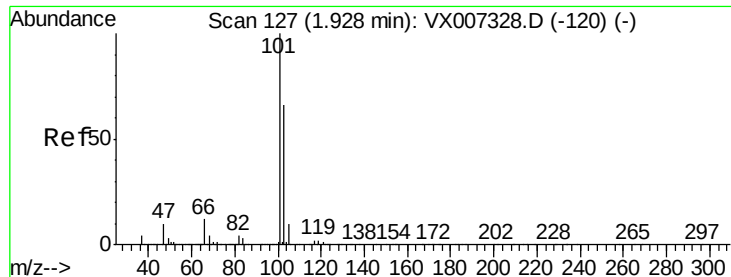
Tgt Ion: 64 Resp: 191750

Ion Ratio Lower Upper

64 100

66 32.1 25.5 38.3





#7

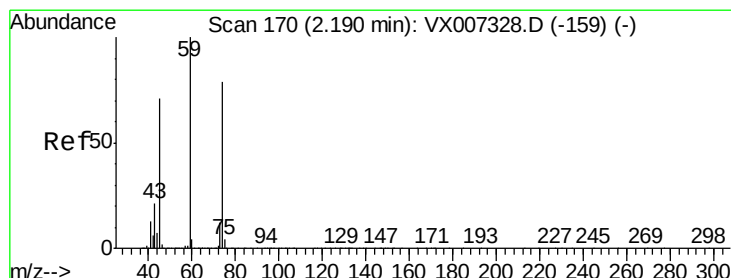
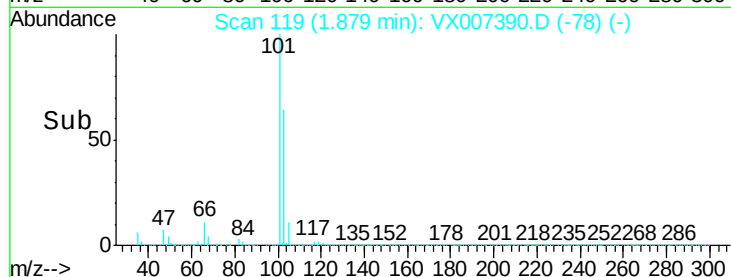
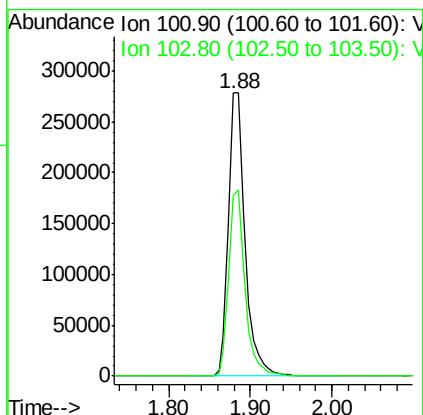
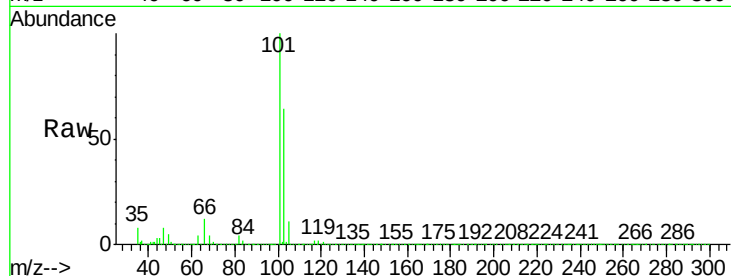
Trichlorofluoromethane
Concen: 41.463 ug/l
RT: 1.88 min Scan# 119
Delta R.T. -0.05 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	52.6	79.0

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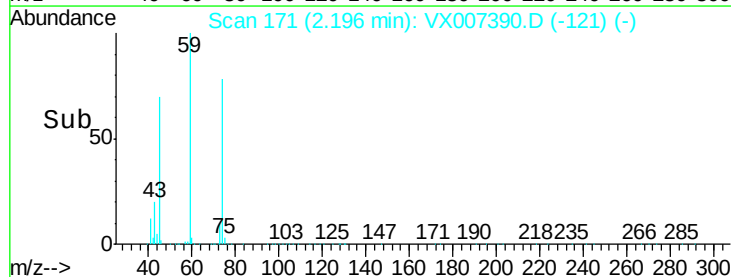
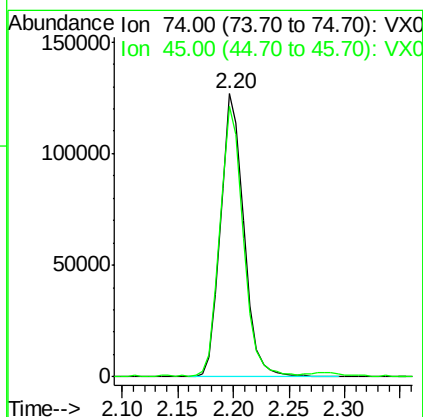
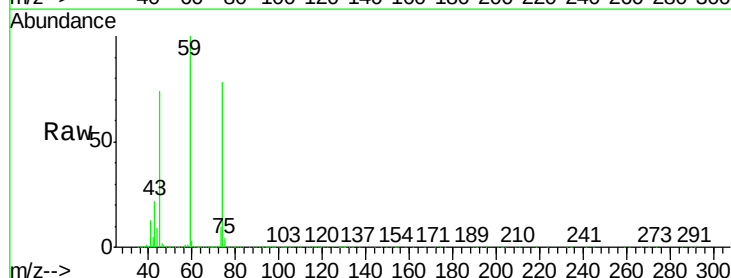
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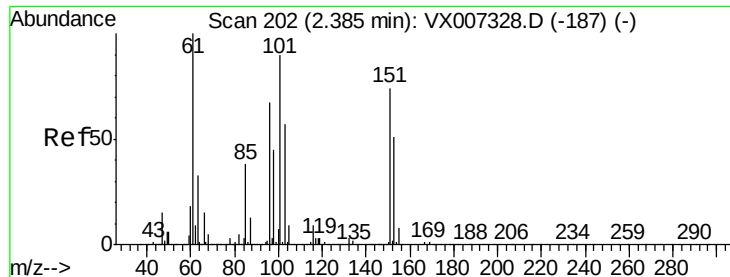


#8

Diethyl Ether
Concen: 51.908 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.5	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.173 ug/l

RT: 2.35 min Scan# 197

Delta R.T. -0.03 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

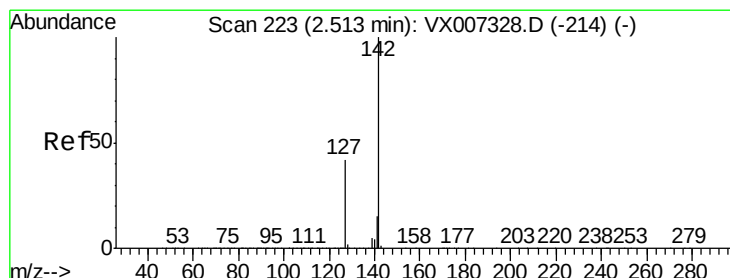
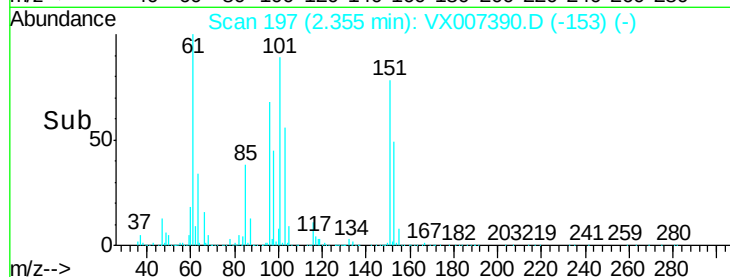
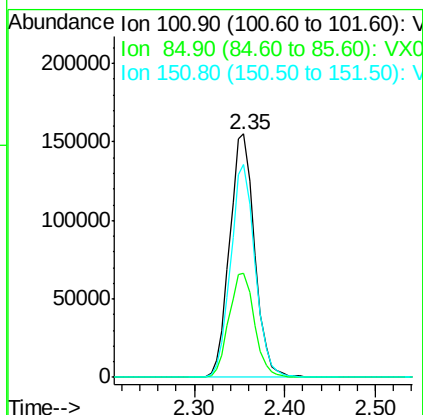
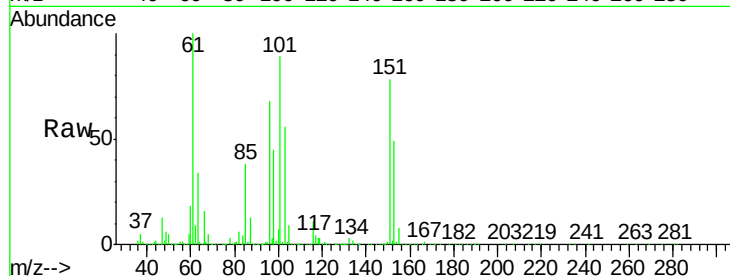
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	297424
Ion Ratio	Lower	Upper	
101	100		
85	43.8	34.1	51.1
151	85.8	69.9	104.9

Manual Integrations
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2/7/2019 9:52:49 AM



#10

Methyl Iodide

Concen: 48.430 ug/l

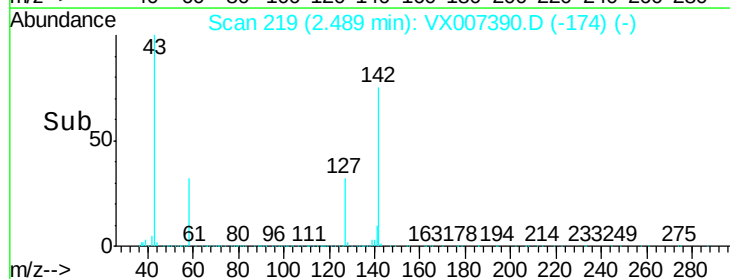
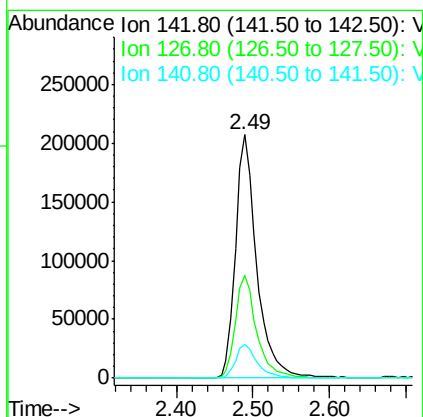
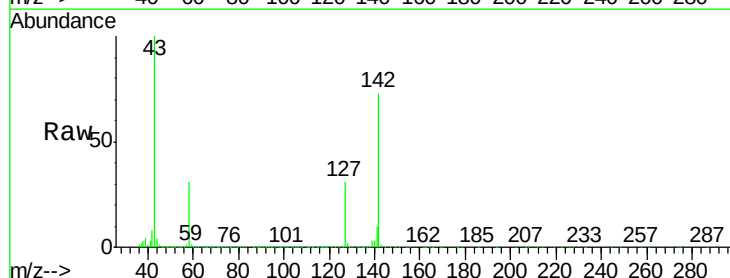
RT: 2.49 min Scan# 219

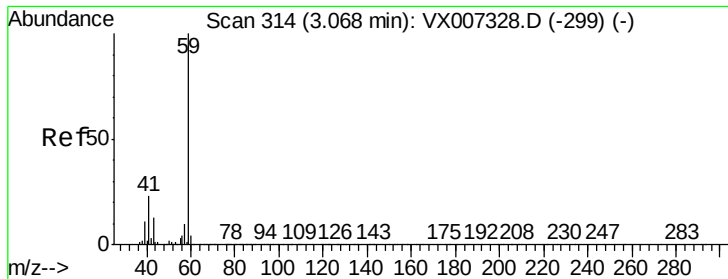
Delta R.T. -0.02 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Tgt Ion:	142	Resp:	398498
Ion Ratio	Lower	Upper	
142	100		
127	42.7	33.7	50.5
141	14.0	11.3	16.9





#11

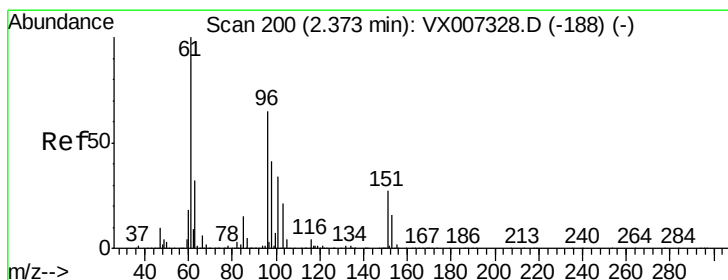
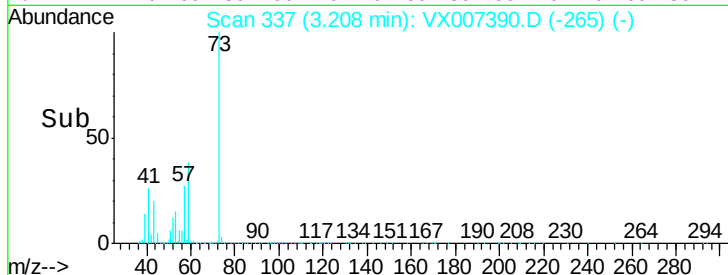
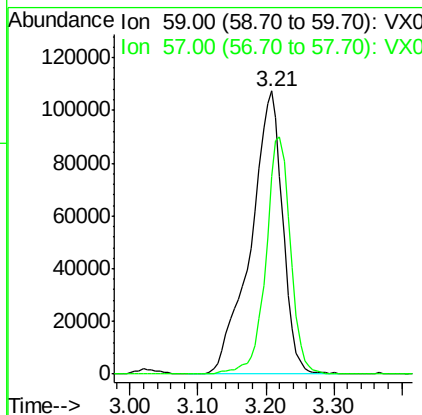
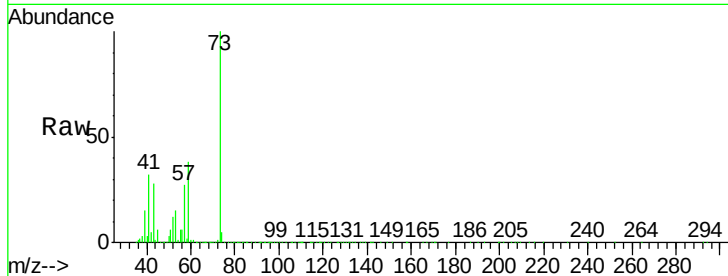
Tert butyl alcohol
 Concen: 292.641 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.14 min
 Lab File: VX007390.D
 Acq: 06 Feb 2019 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	64.9	8.1	12.1#

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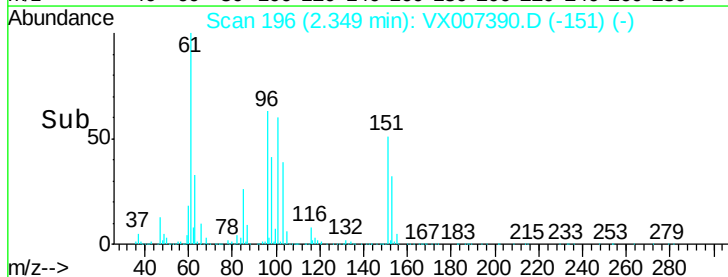
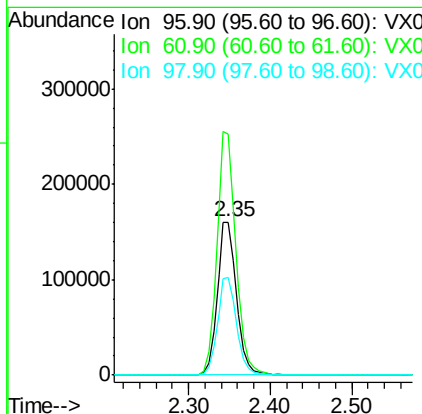
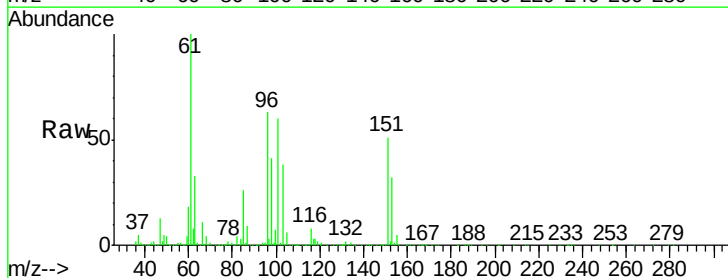
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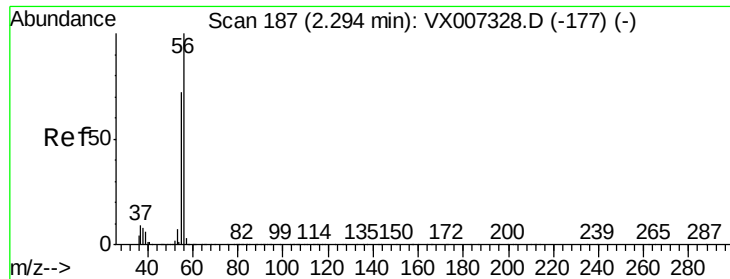


#12

1,1-Dichloroethene
 Concen: 50.820 ug/l
 RT: 2.35 min Scan# 196
 Delta R.T. -0.02 min
 Lab File: VX007390.D
 Acq: 06 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.6	123.0	184.4
98	64.1	50.9	76.3





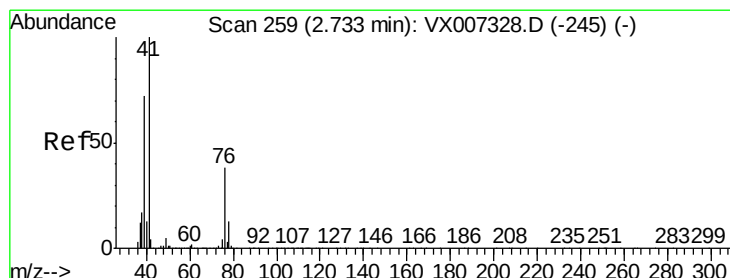
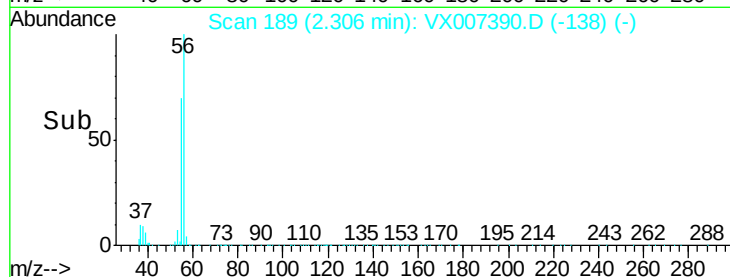
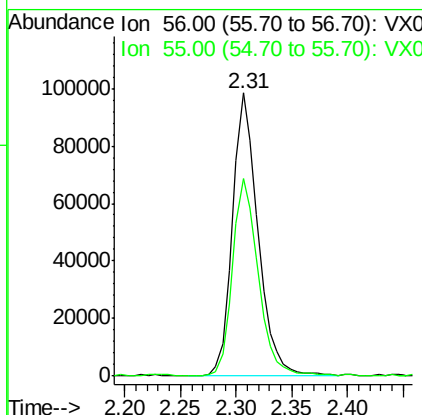
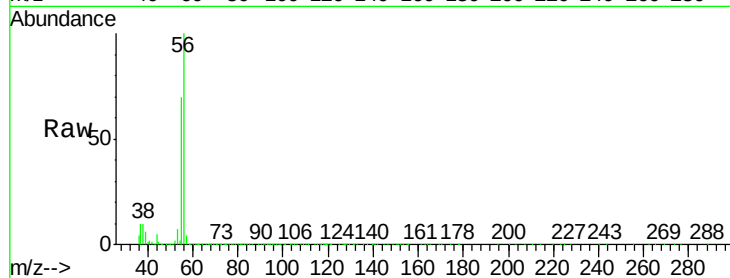
#13
Acrolein
Concen: 276.893 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	70.5	56.9	85.3	

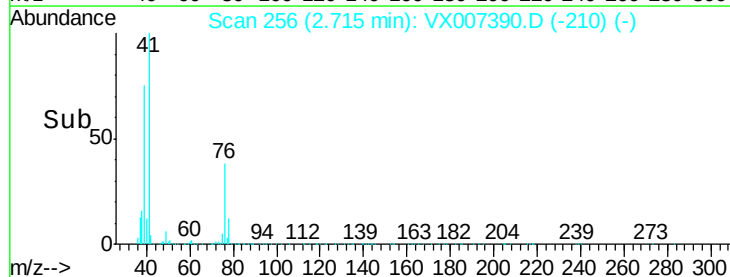
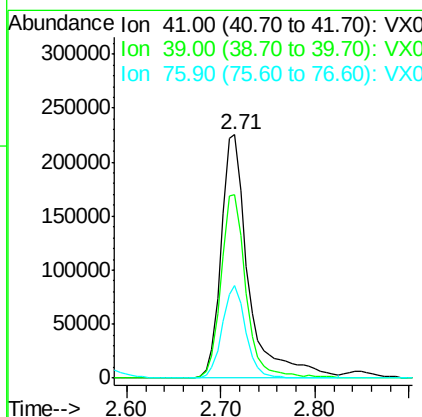
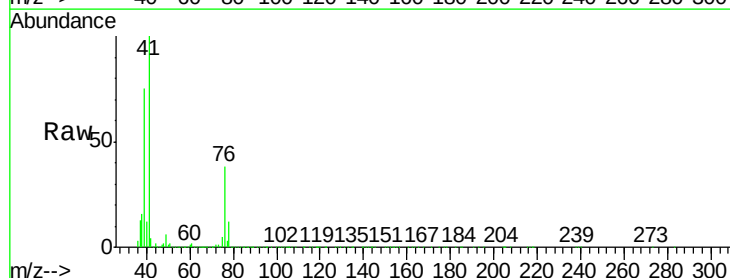
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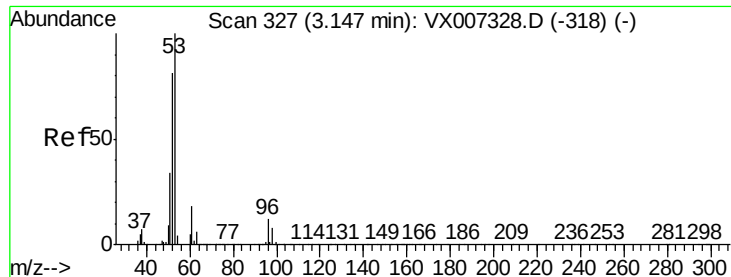
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#14
Allyl chloride
Concen: 53.910 ug/l
RT: 2.71 min Scan# 256
Delta R.T. -0.02 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	68.1	54.1	81.1	
76	32.0	27.8	41.8	





#15

Acrylonitrile

Concen: 257.962 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.02 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

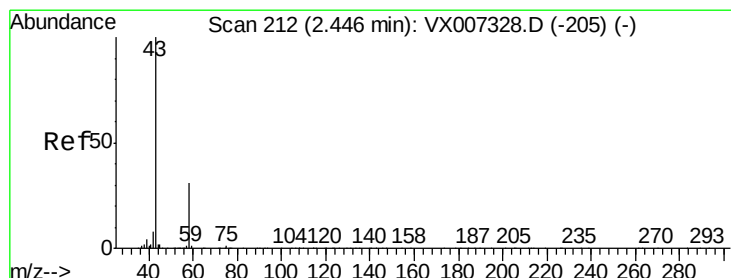
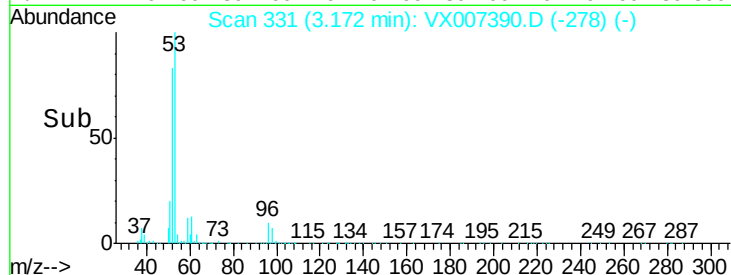
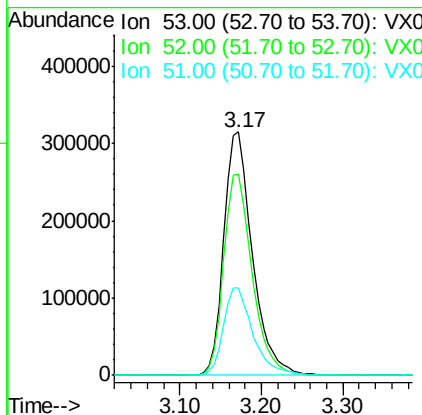
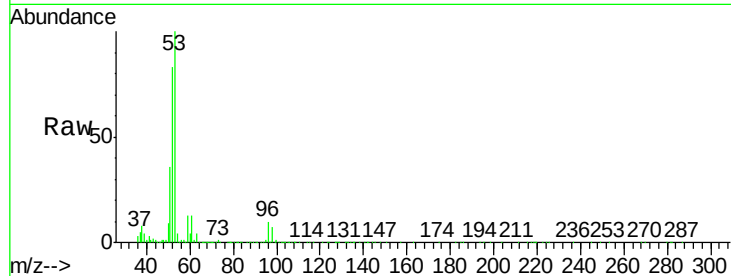
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	762559
Ion Ratio		Lower	Upper
53	100		
52	82.4	66.4	99.6
51	36.8	28.4	42.6

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#16

Acetone

Concen: 255.195 ug/l

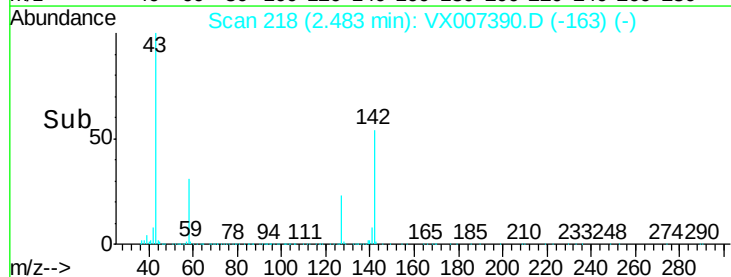
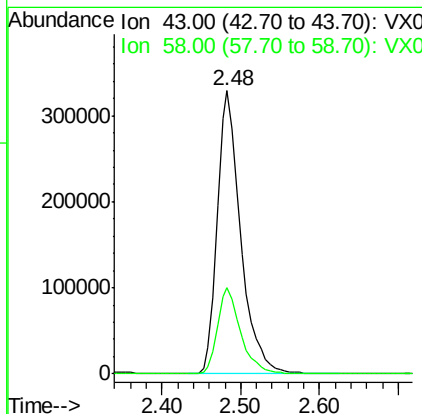
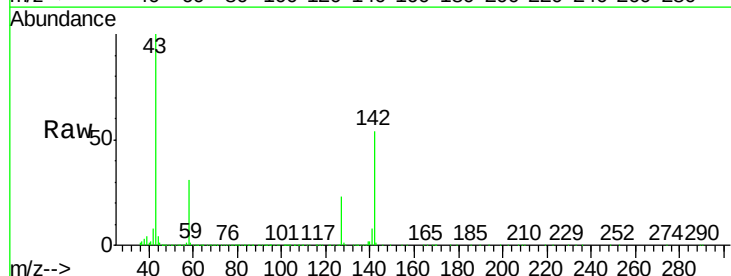
RT: 2.48 min Scan# 218

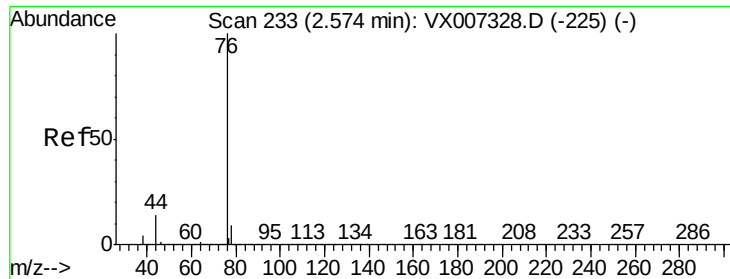
Delta R.T. 0.04 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Tgt Ion:	43	Resp:	674985
Ion Ratio		Lower	Upper
43	100		
58	30.7	24.9	37.3





#17

Carbon Disulfide

Concen: 47.293 ug/l

RT: 2.54 min Scan# 227

Delta R.T. -0.04 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 640715

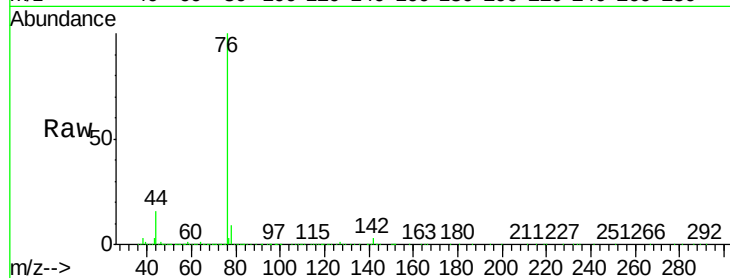
Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

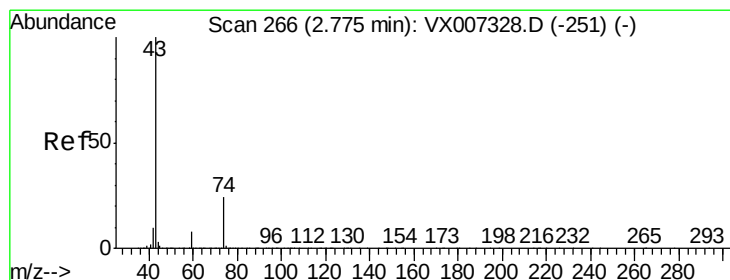
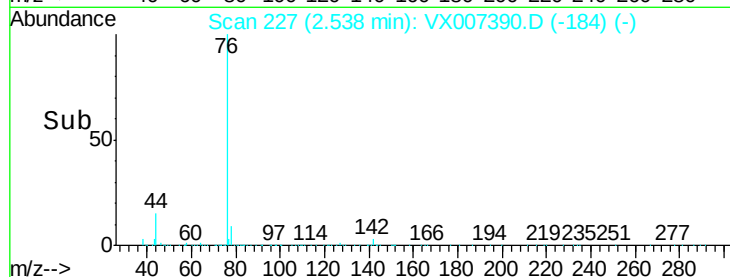
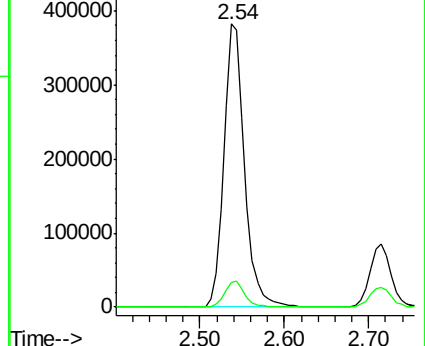
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 60.915 ug/l

RT: 2.79 min Scan# 269

Delta R.T. 0.02 min

Lab File: VX007390.D

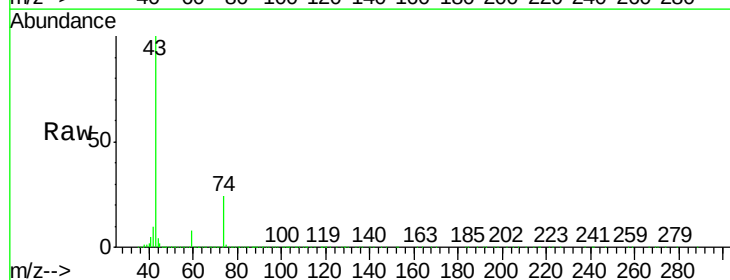
Acq: 06 Feb 2019 10:38

Tgt Ion: 43 Resp: 420704

Ion Ratio Lower Upper

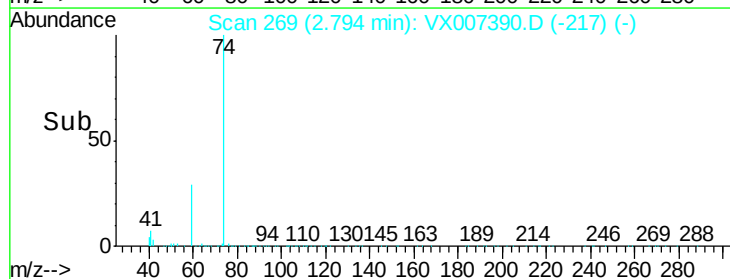
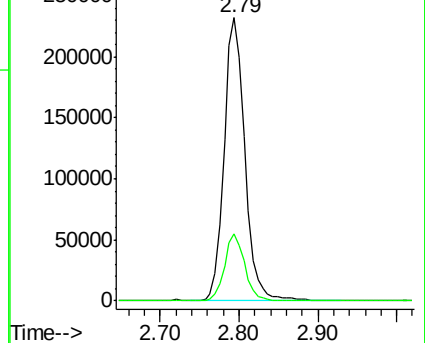
43 100

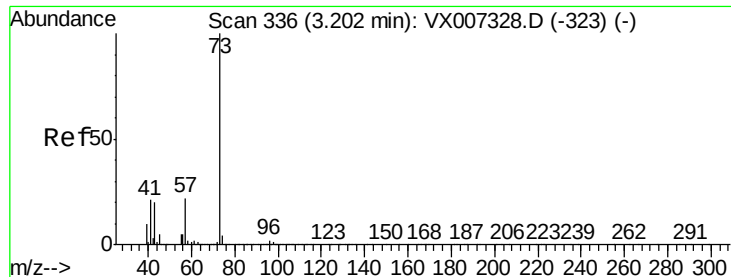
74 23.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





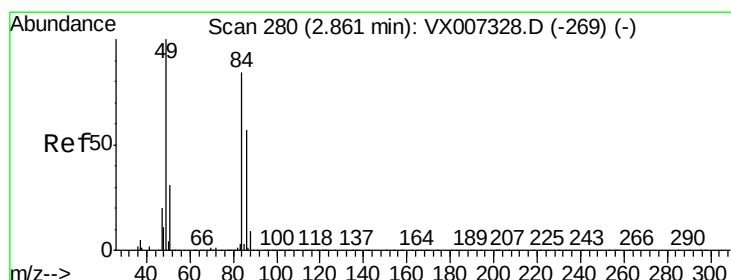
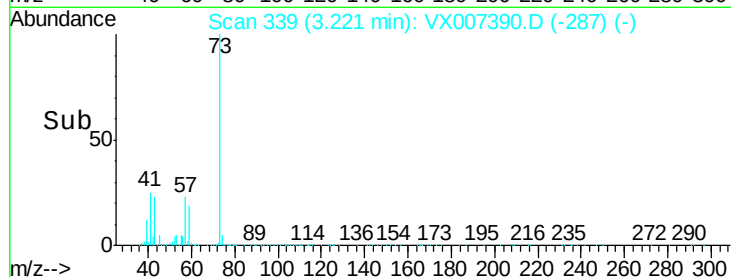
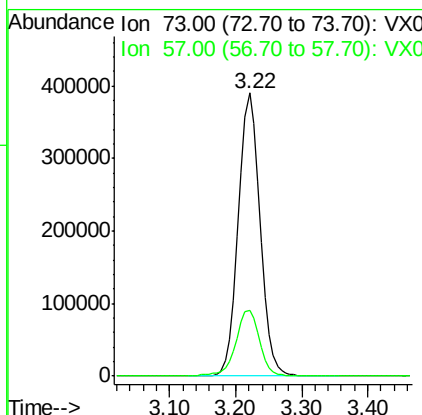
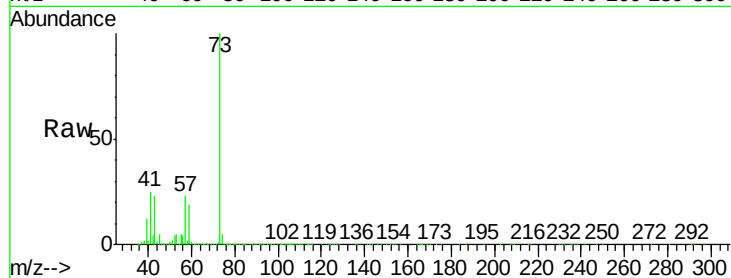
#19
Methyl tert-butyl Ether
Concen: 52.915 ug/l
RT: 3.22 min Scan# 339
Delta R.T. 0.02 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	17.8	26.8

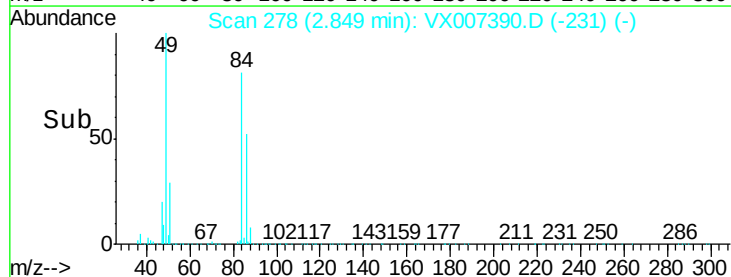
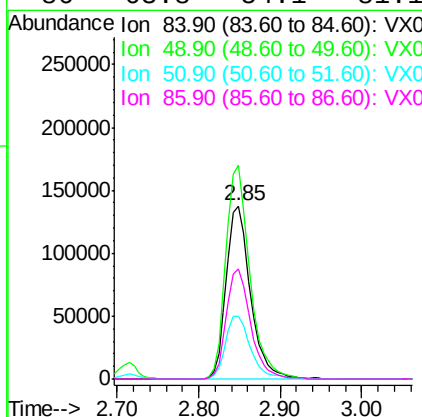
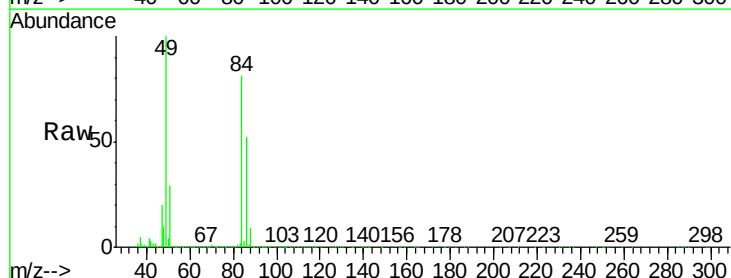
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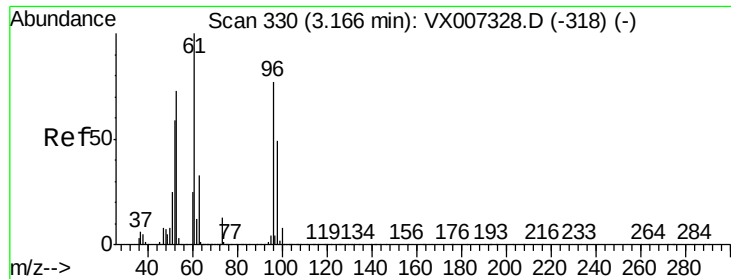
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#20
Methylene Chloride
Concen: 52.155 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.3	94.8	142.2
51	36.0	29.8	44.8
86	63.8	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 48.567 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.02 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

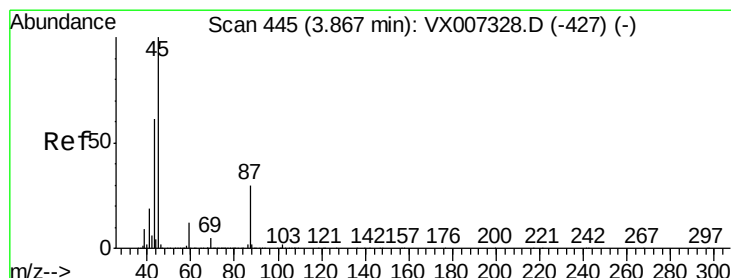
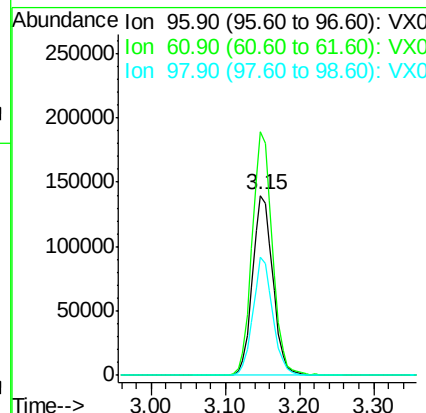
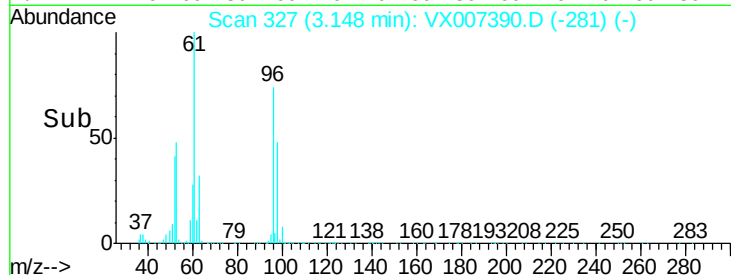
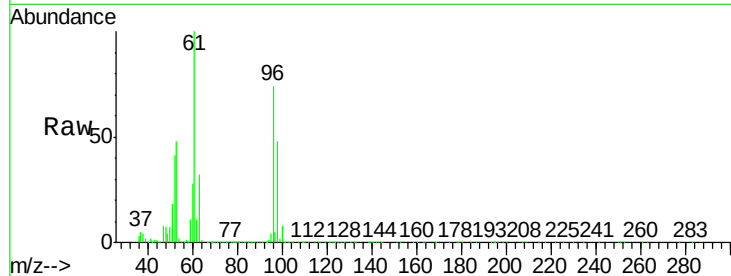
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	268725
Ion Ratio	Lower	Upper	
96	100		
61	135.2	104.6	156.8
98	65.4	51.0	76.4

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#22

Diisopropyl ether

Concen: 51.869 ug/l

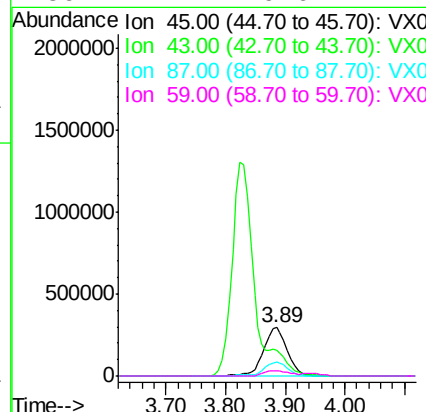
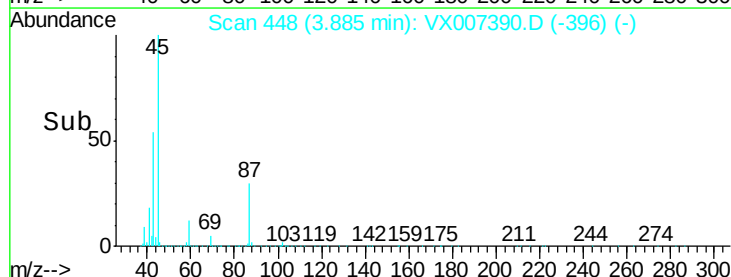
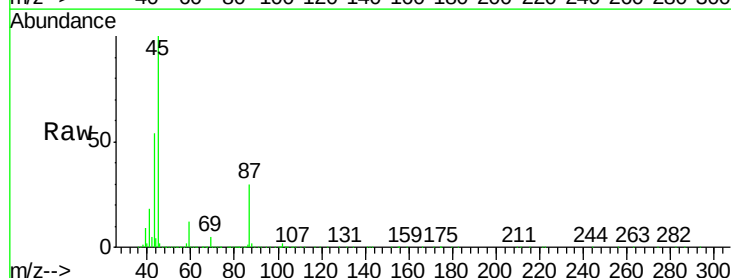
RT: 3.89 min Scan# 448

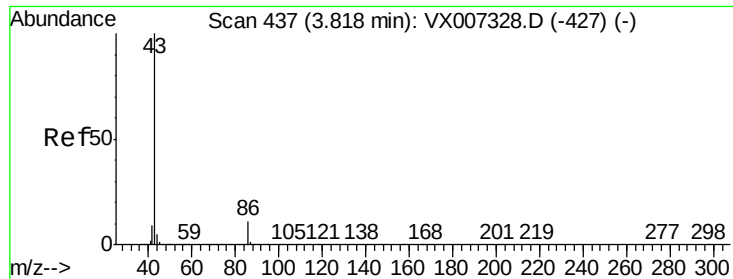
Delta R.T. 0.02 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Tgt Ion:	45	Resp:	807460
Ion Ratio	Lower	Upper	
45	100		
43	53.9	48.9	73.3
87	30.1	23.9	35.9
59	11.7	9.6	14.4





#23

Vinyl Acetate

Concen: 263.757 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 3407271

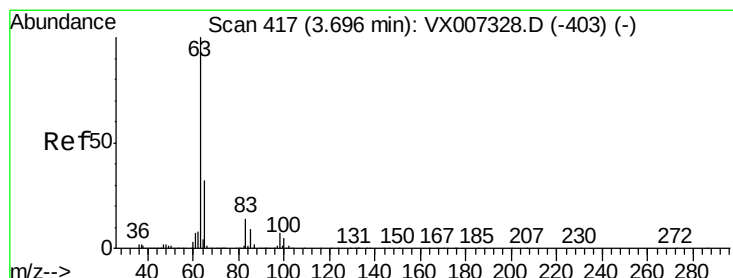
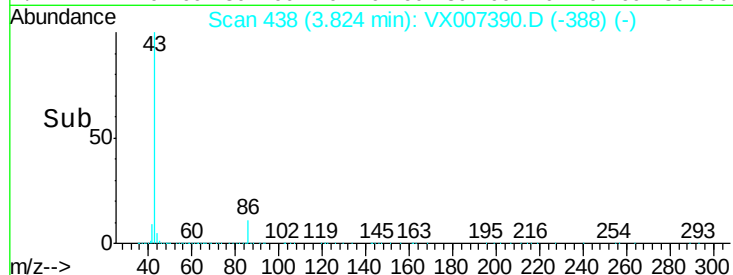
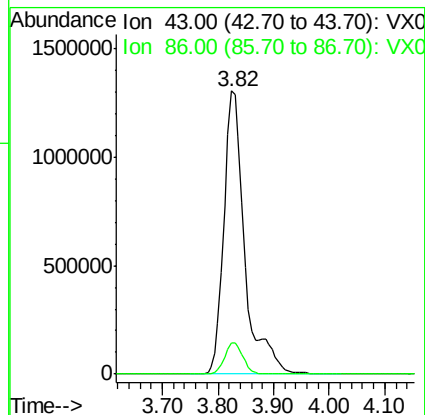
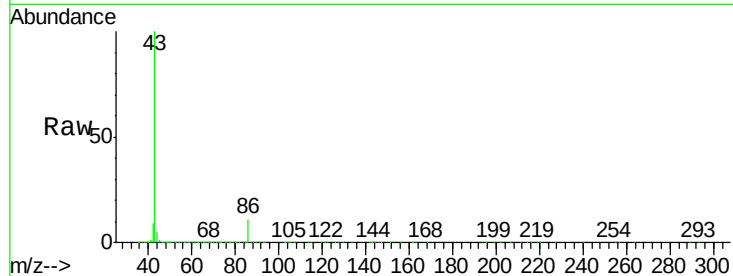
Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 54.492 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

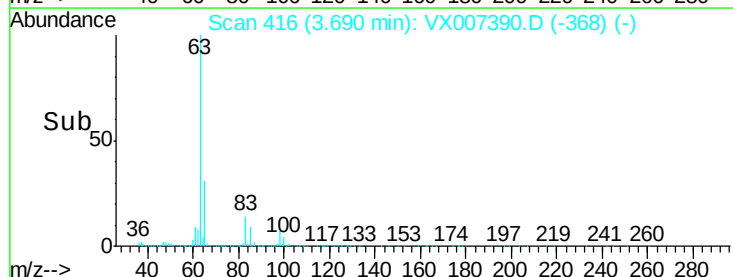
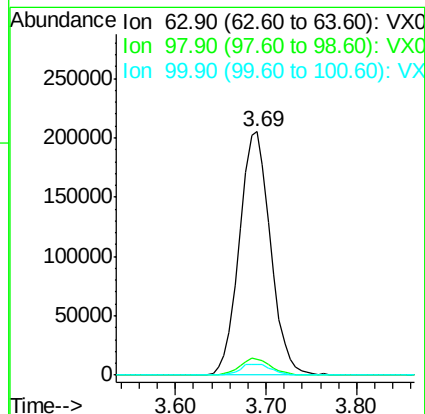
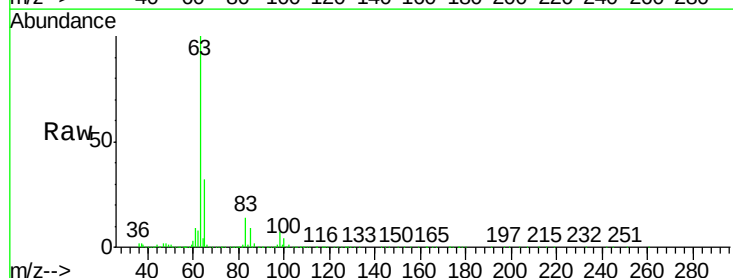
Tgt Ion: 63 Resp: 487163

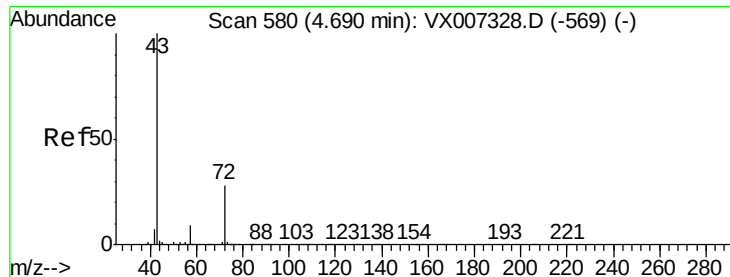
Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 4.3 2.5 7.4





#25

2-Butanone

Concen: 249.467 ug/l

RT: 4.73 min Scan# 586

Delta R.T. 0.04 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 939026

Ion Ratio Lower Upper

43 100

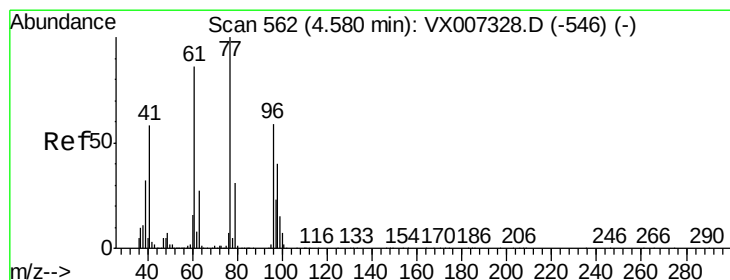
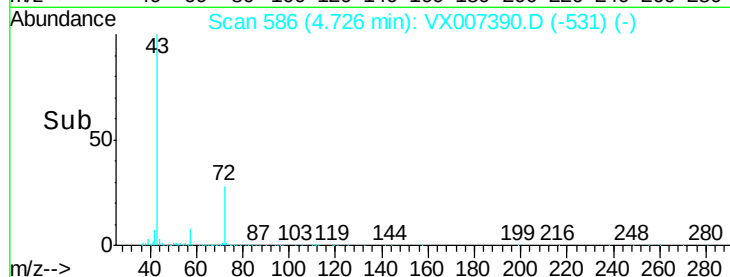
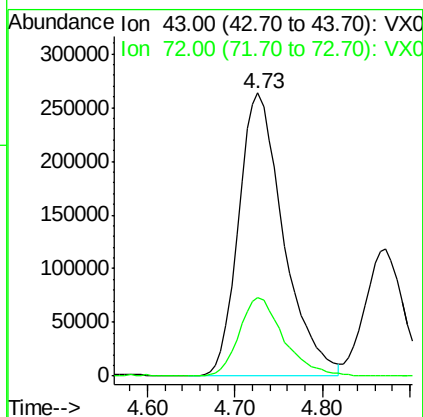
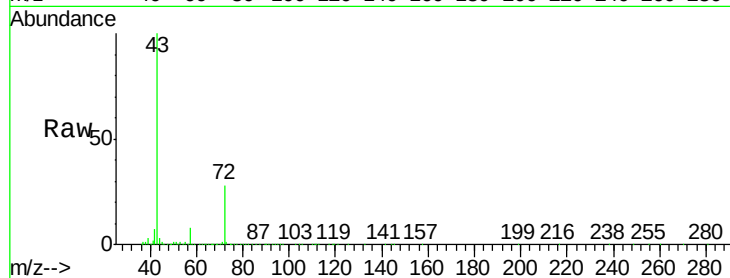
72 27.6 22.2 33.2

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#26

2,2-Dichloropropane

Concen: 54.819 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX007390.D

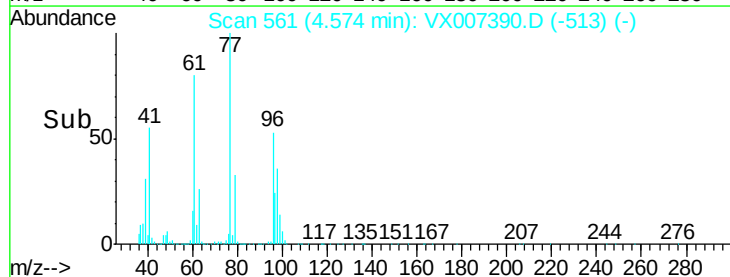
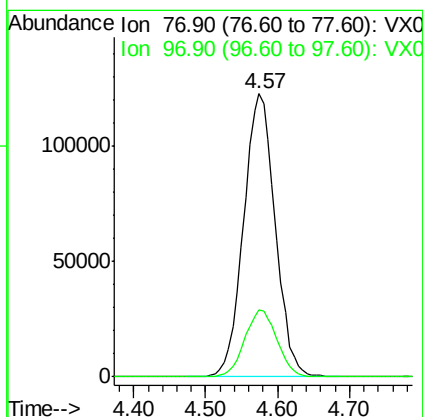
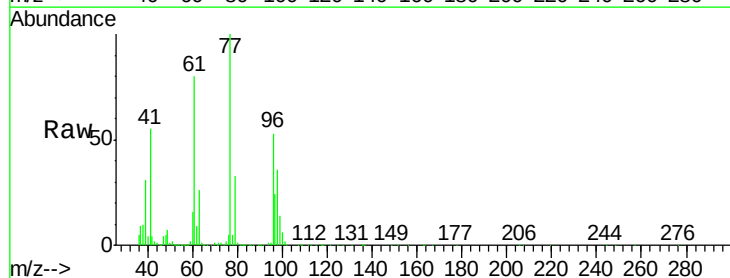
Acq: 06 Feb 2019 10:38

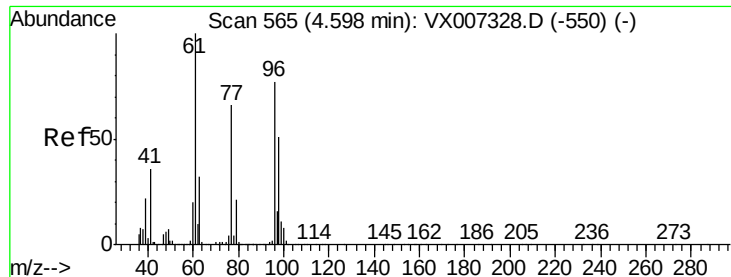
Tgt Ion: 77 Resp: 373226

Ion Ratio Lower Upper

77 100

97 24.2 12.1 36.3





#27

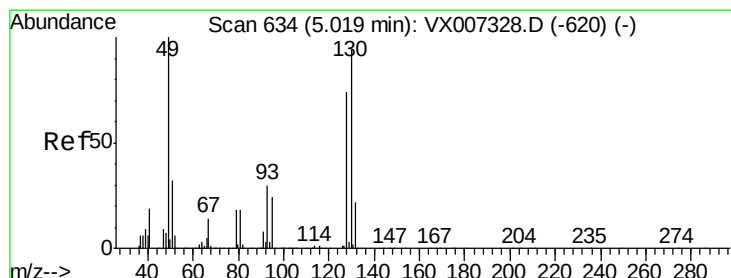
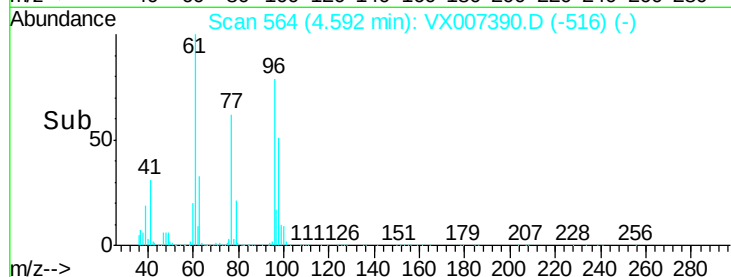
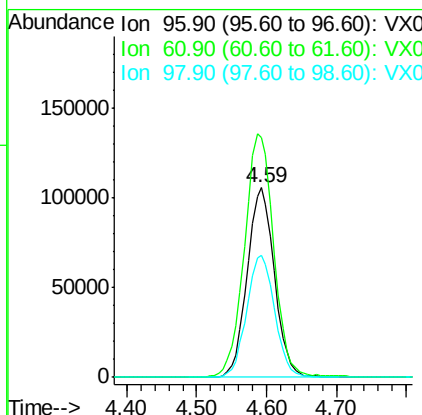
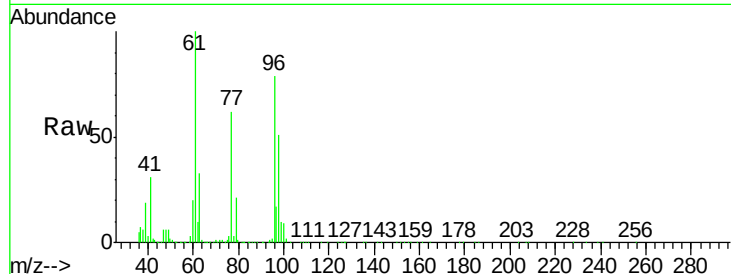
cis-1,2-Dichloroethene
Concen: 47.342 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	286109		
61	137.9	0.0	265.6	
98	66.0	0.0	131.6	

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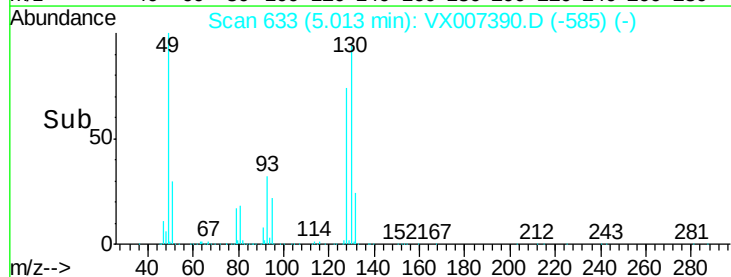
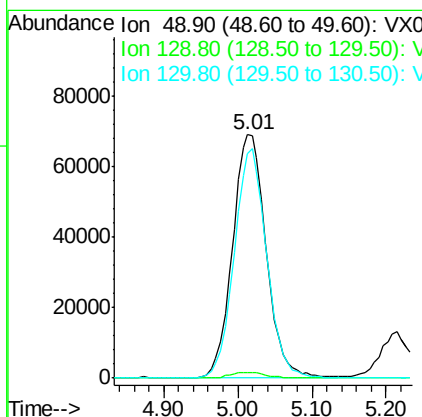
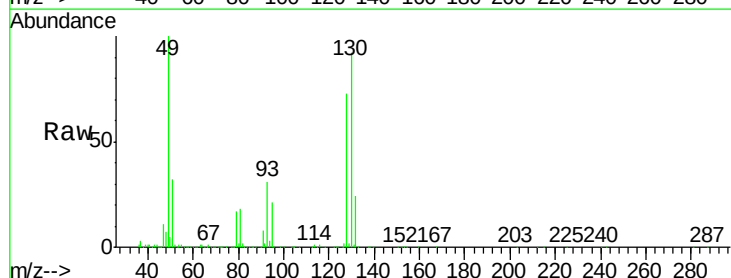
MMDadoda
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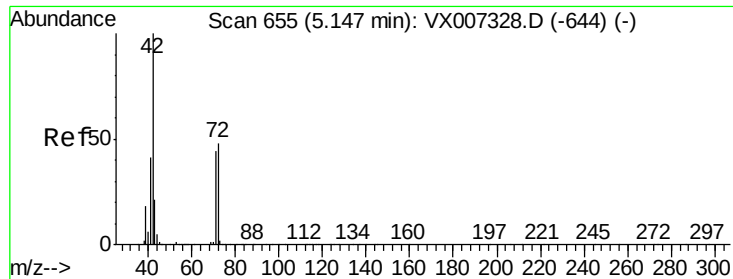


#28

Bromochloromethane
Concen: 53.257 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	218953		
129	2.5	0.0	5.6	
130	90.7	75.6	113.4	





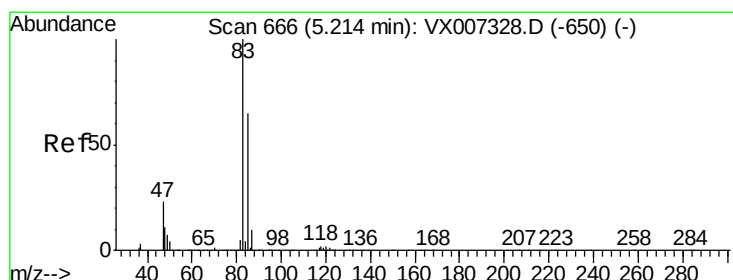
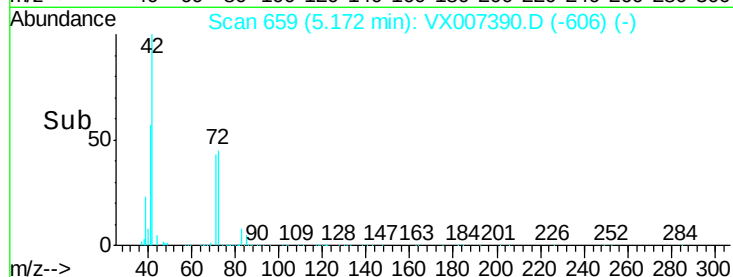
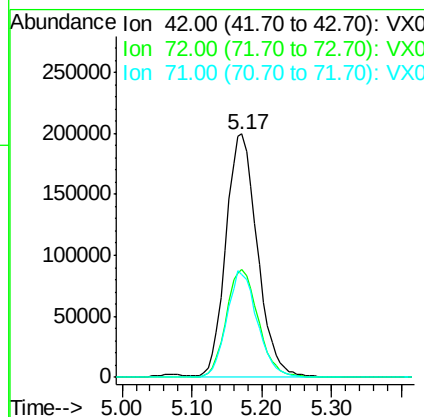
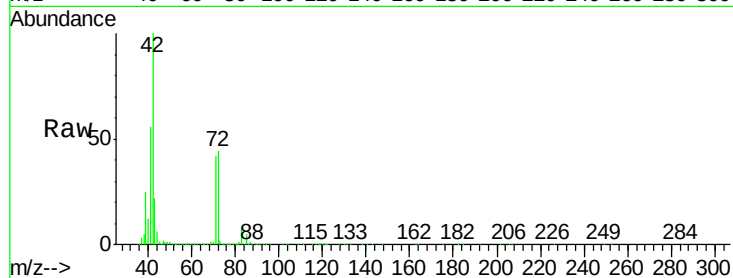
#29
Tetrahydrofuran
Concen: 262.602 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.02 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	37.6	56.4
71	42.6	34.6	51.8

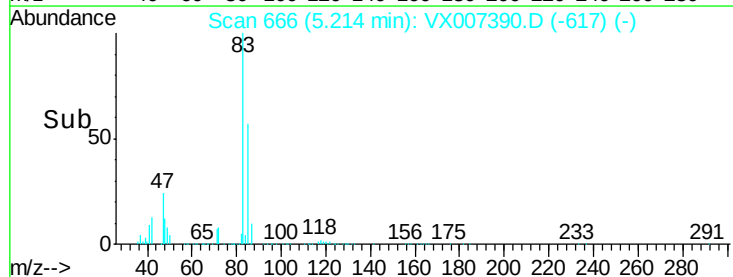
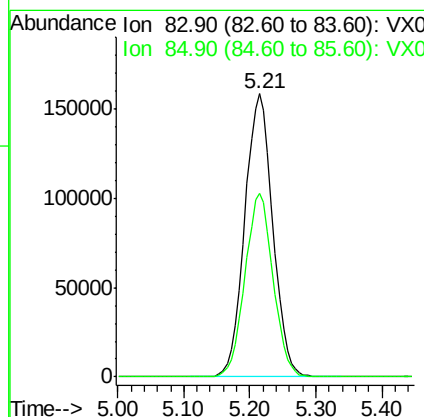
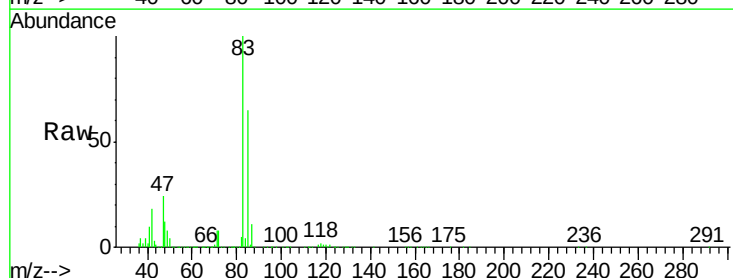
Manual Integrations
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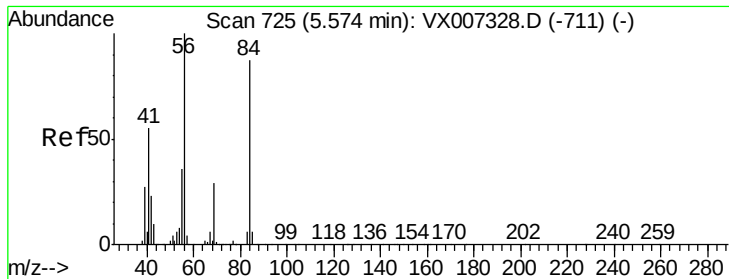
MMDadoda
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#30
Chloroform
Concen: 49.993 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.6	77.4





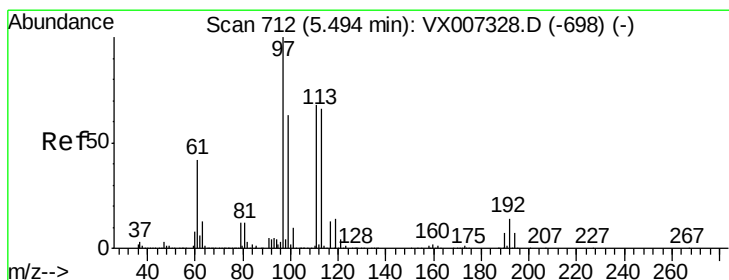
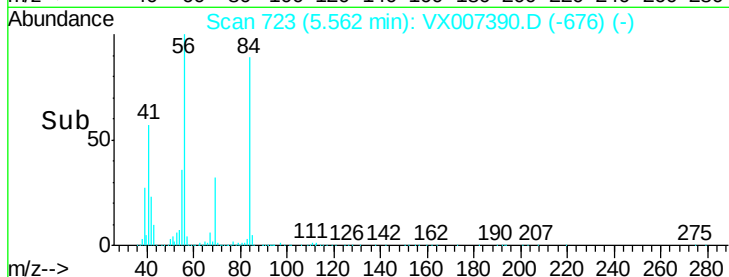
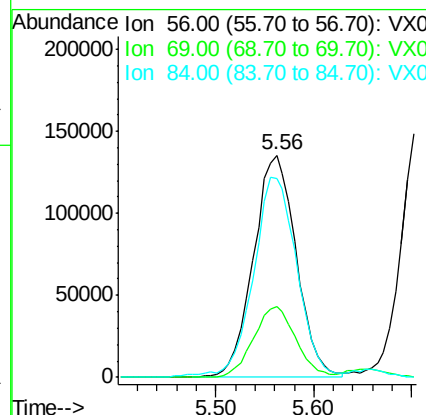
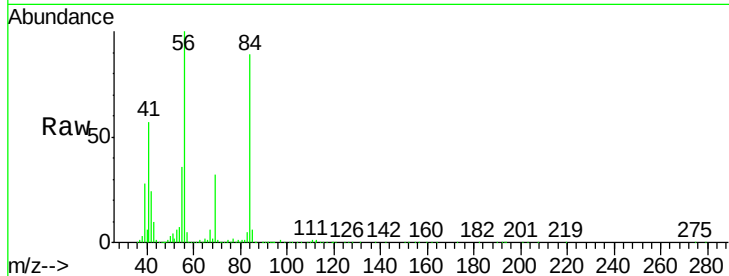
#31
Cyclohexane
Concen: 51.004 ug/l
RT: 5.56 min Scan# 723
Delta R.T. -0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	23.0	34.6
84	88.0	69.8	104.6

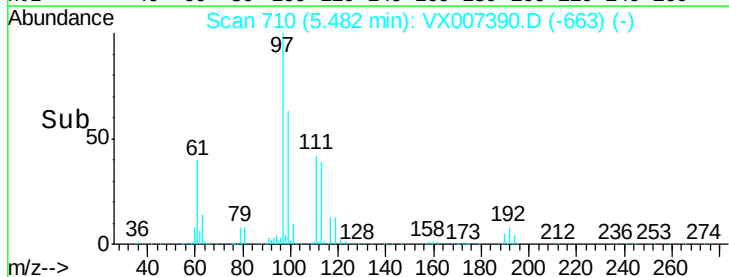
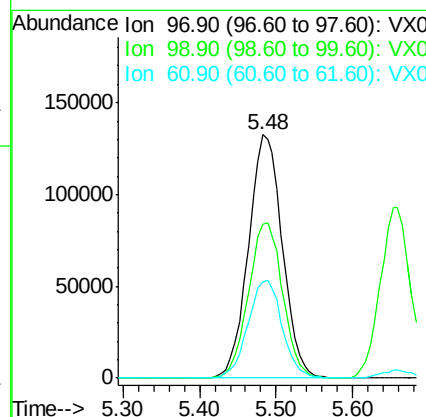
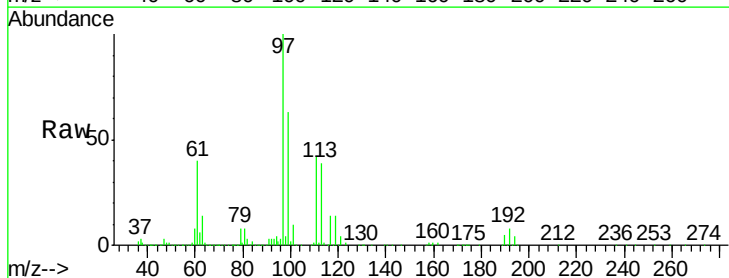
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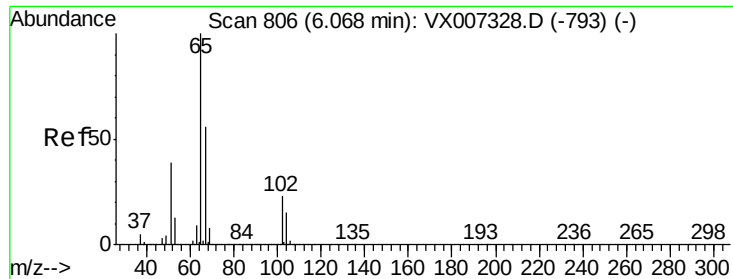
MMDadoda
2/7/2019 9:52:49 AM



#32
1,1,1-Trichloroethane
Concen: 51.988 ug/l
RT: 5.48 min Scan# 710
Delta R.T. -0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.2	78.2
61	40.6	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 50.380 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 65 Resp: 290900

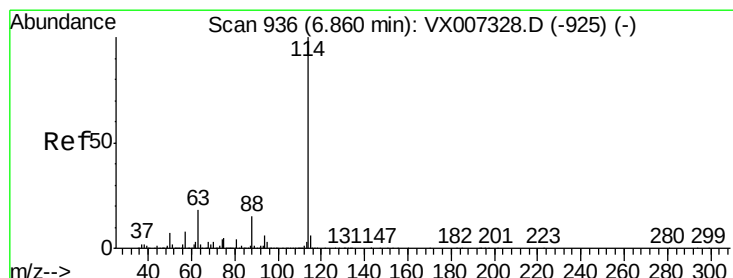
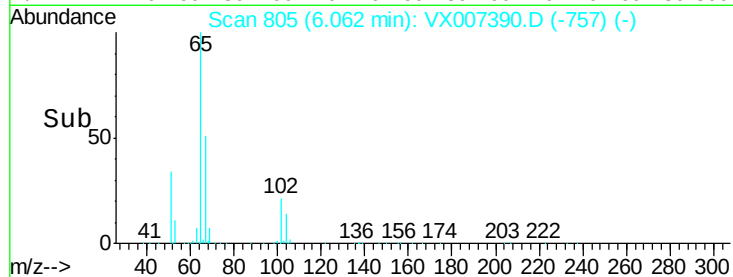
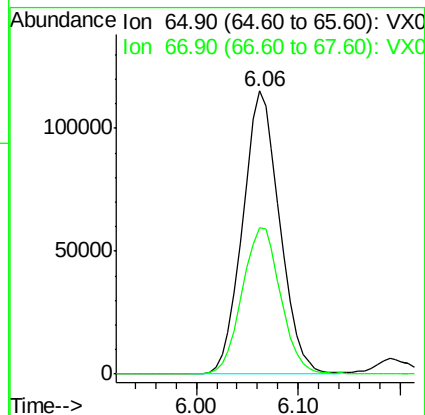
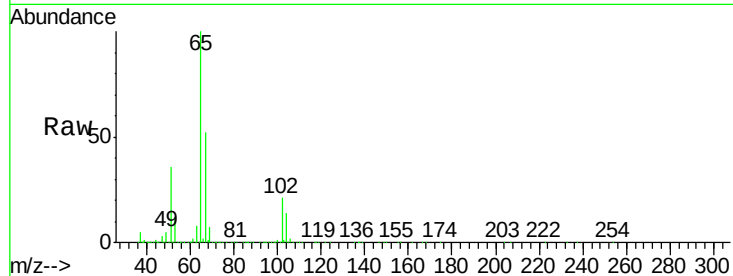
Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.8

Manual Integrations
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2/7/2019 9:52:49 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

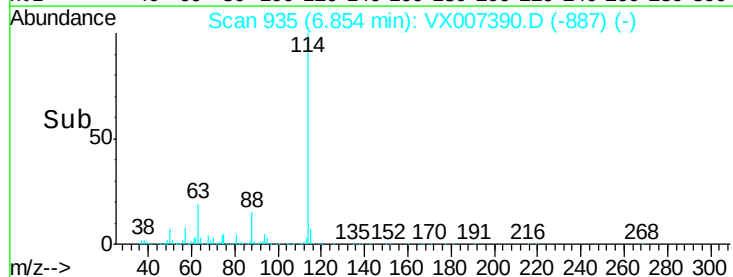
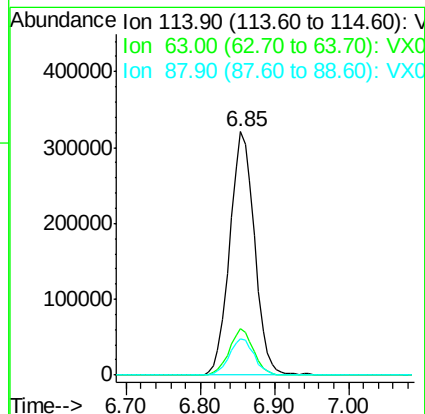
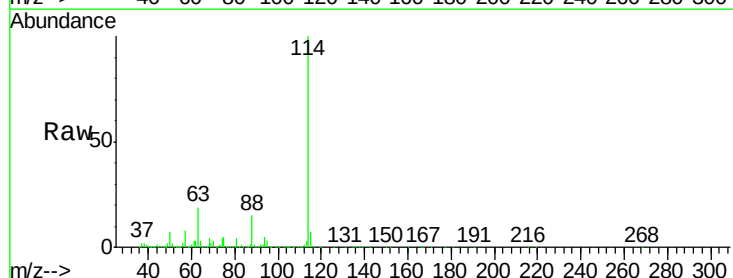
Tgt Ion: 114 Resp: 749449

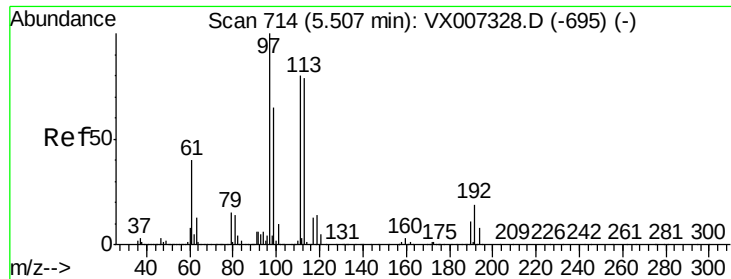
Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.6

88 14.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 52.840 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

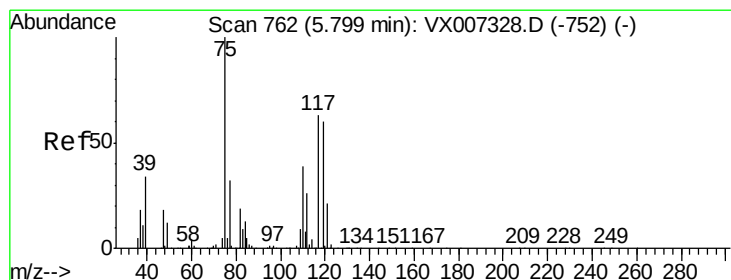
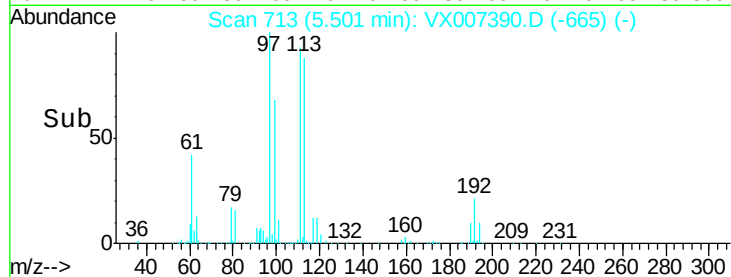
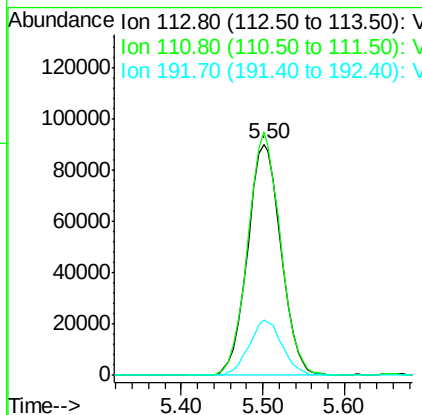
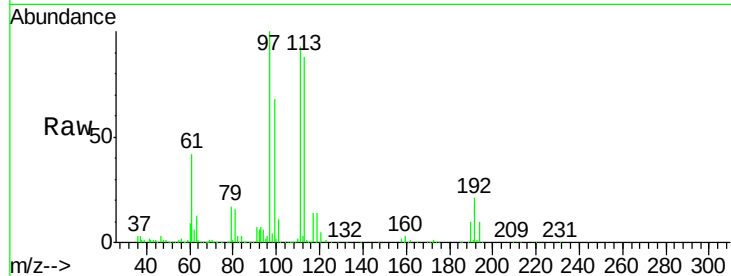
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	257668
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.8	122.8
192	23.8	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 51.591 ug/l

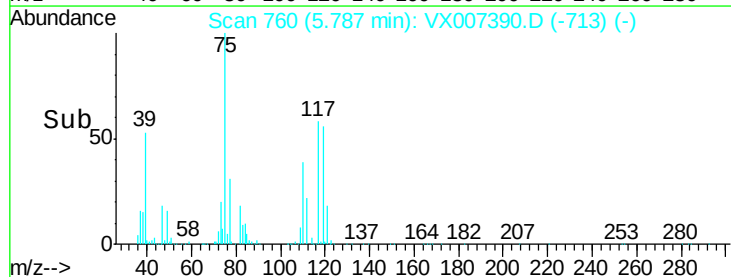
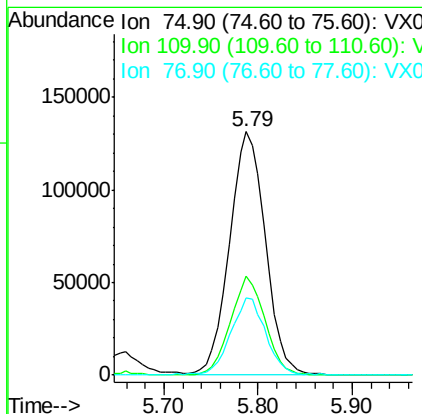
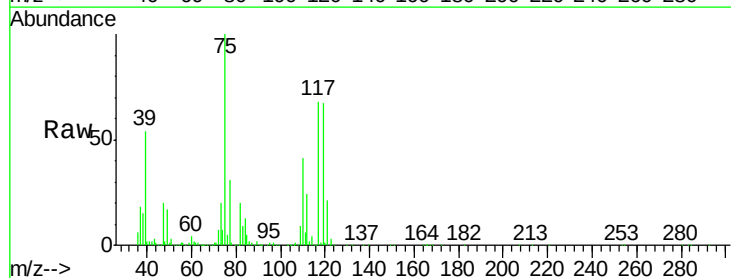
RT: 5.79 min Scan# 760

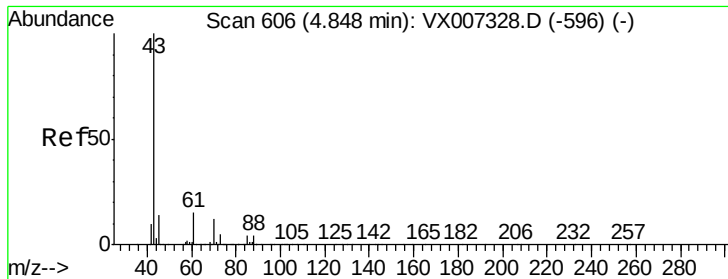
Delta R.T. -0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Tgt Ion:	75	Resp:	346919
Ion Ratio	Lower	Upper	
75	100		
110	39.0	20.0	59.9
77	30.8	24.7	37.1





#37

Ethyl Acetate

Concen: 53.385 ug/l

RT: 4.87 min Scan# 610

Delta R.T. 0.02 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

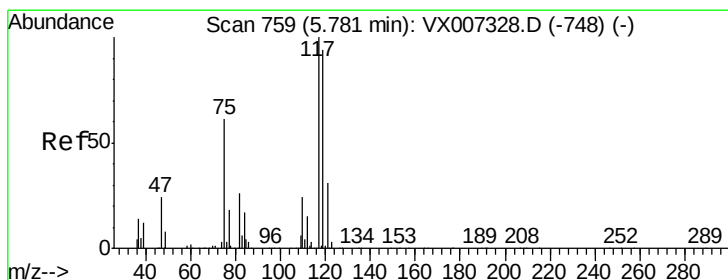
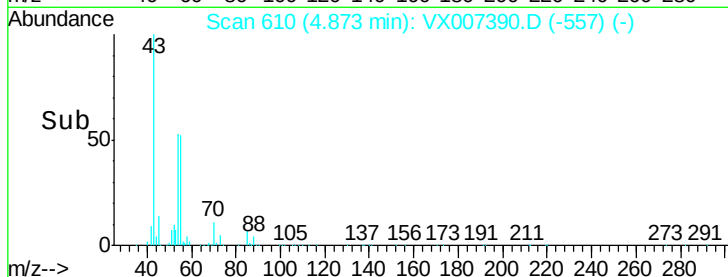
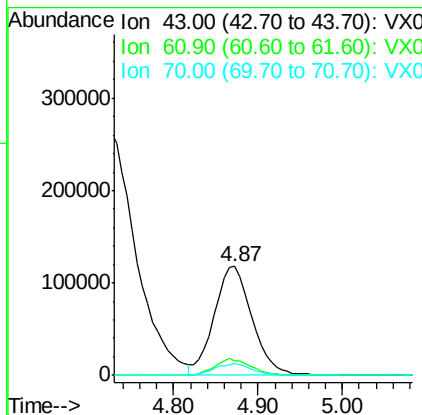
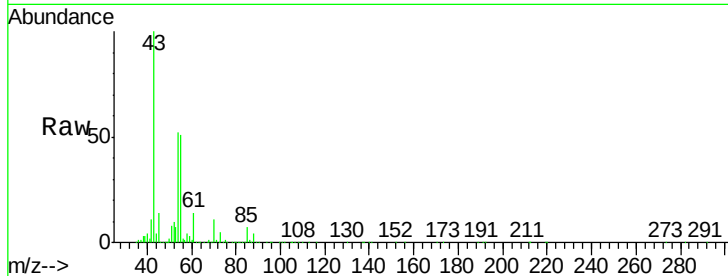
ClientSampleId :

VSTDCCC050

Tot Ion	43	Resp	362882
Ion Ratio	Lower	Upper	
43	100		
61	14.3	11.3	16.9
70	10.9	8.6	13.0

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 54.508 ug/l

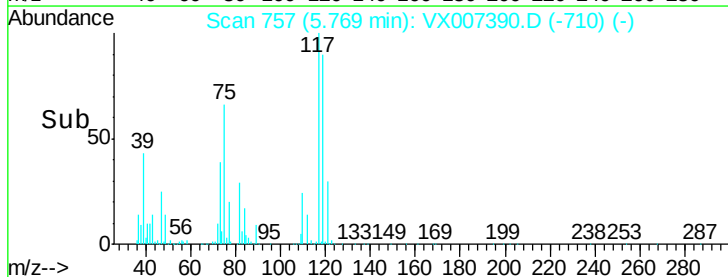
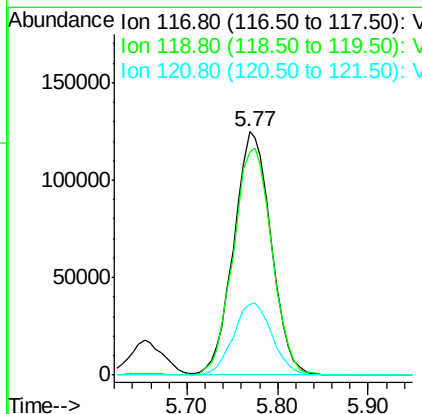
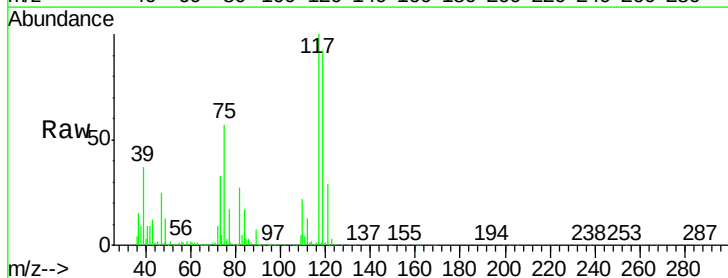
RT: 5.77 min Scan# 757

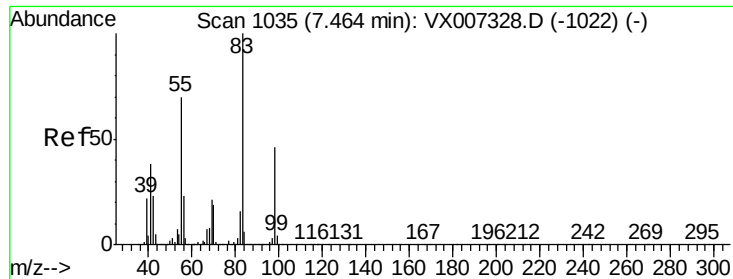
Delta R.T. -0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Tgt Ion	117	Resp	355594
Ion Ratio	Lower	Upper	
117	100		
119	91.6	75.3	112.9
121	29.3	25.0	37.4





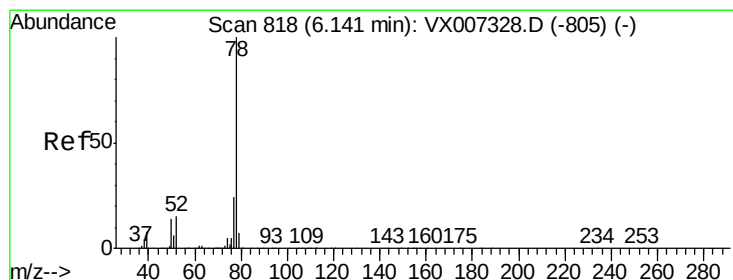
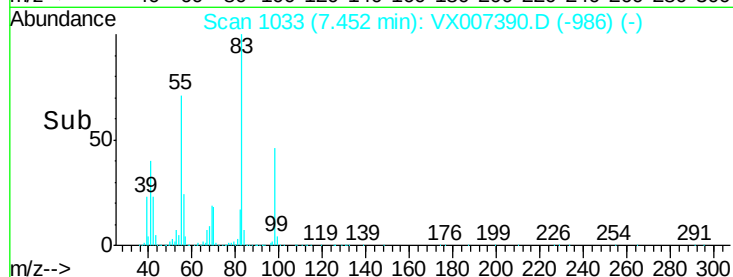
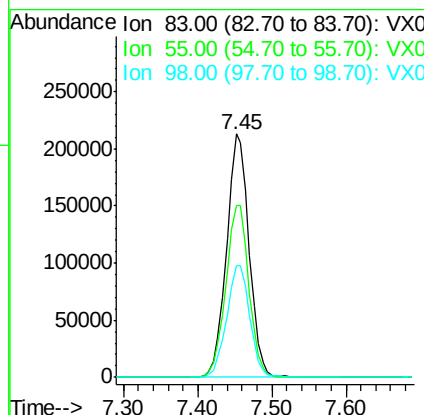
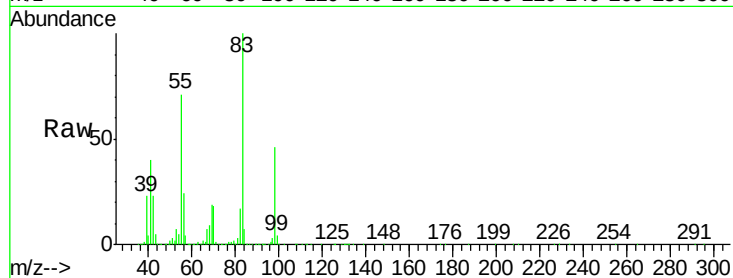
#39
Methylvlcyclohexane
Concen: 55.147 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.5	56.2	84.2
98	45.8	36.8	55.2

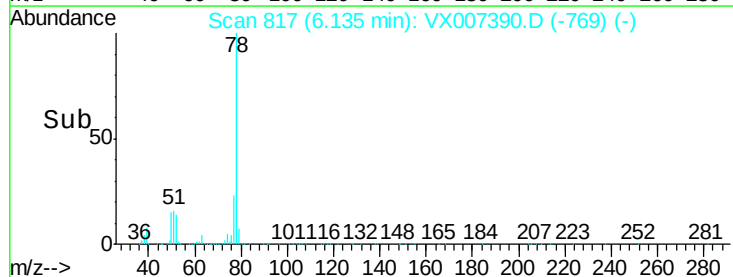
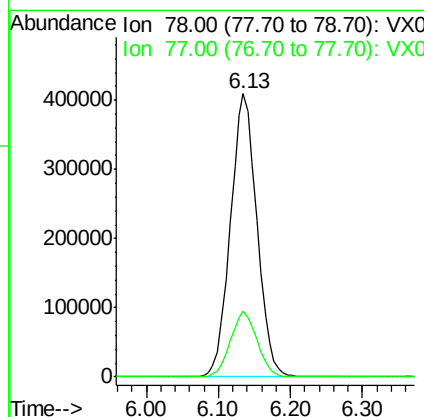
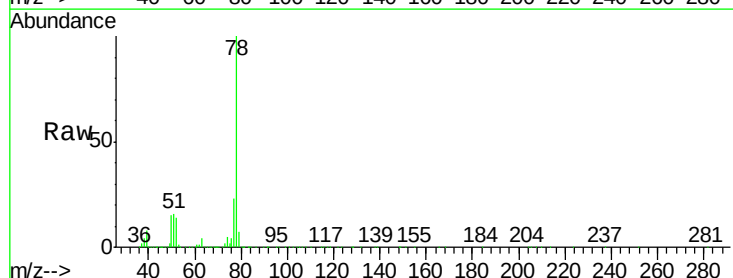
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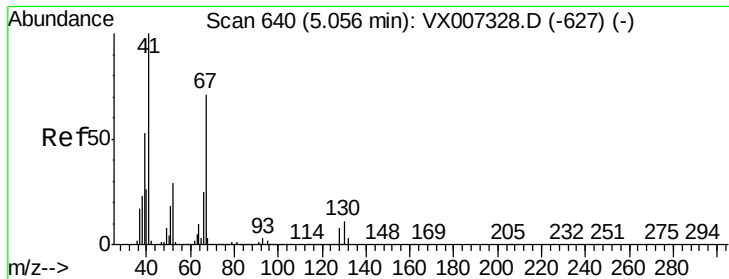
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#40
Benzene
Concen: 52.795 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.3	28.9





#41

Methacrylonitrile

Concen: 53.675 ug/l

RT: 5.07 min Scan# 643

Delta R.T. 0.02 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

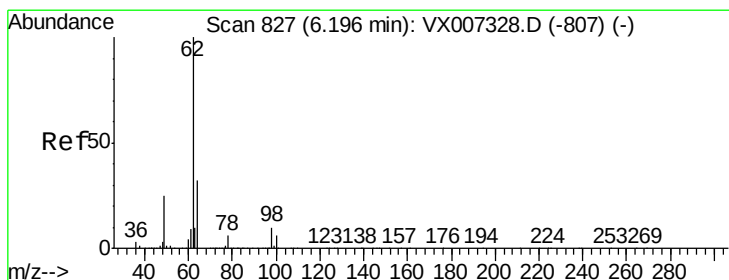
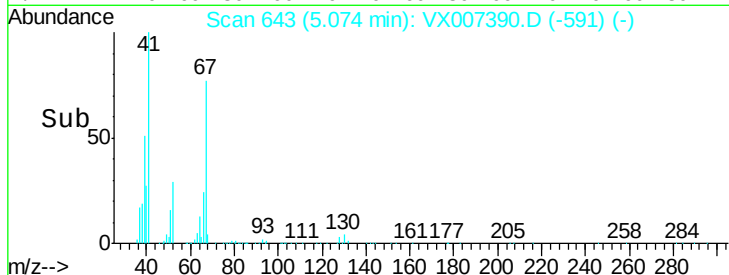
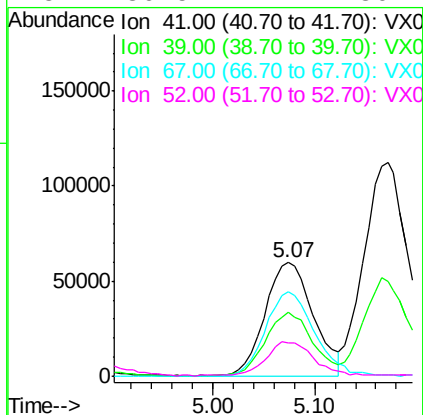
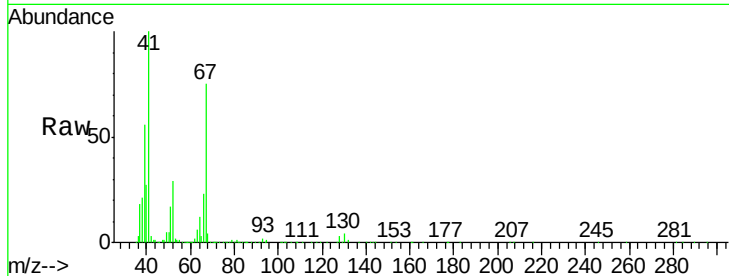
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.8	44.5	66.7
67	76.1	60.4	90.6
52	30.5	24.1	36.1

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2/7/2019 9:52:49 AM



#42

1,2-Dichloroethane

Concen: 51.032 ug/l

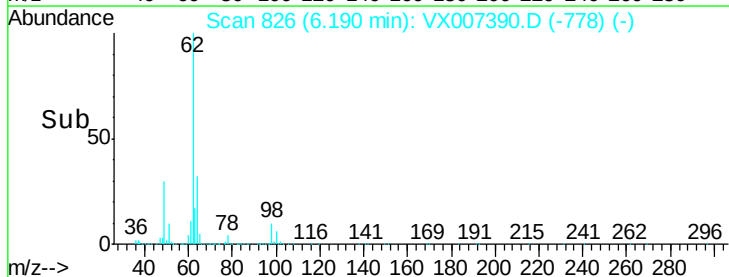
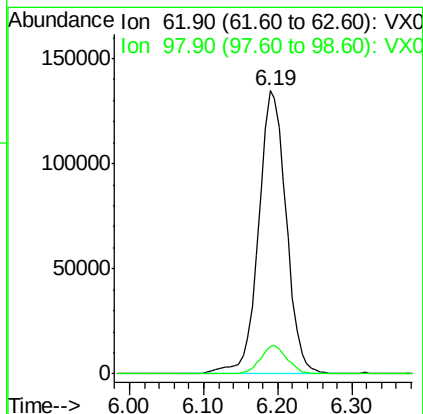
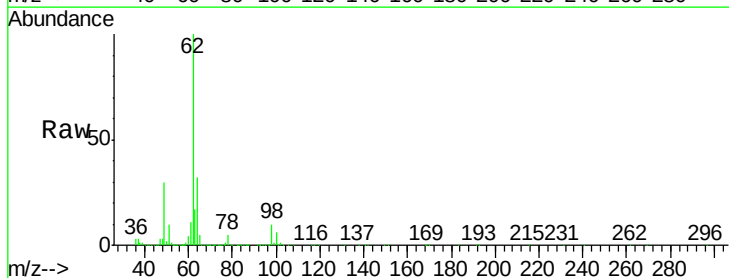
RT: 6.19 min Scan# 826

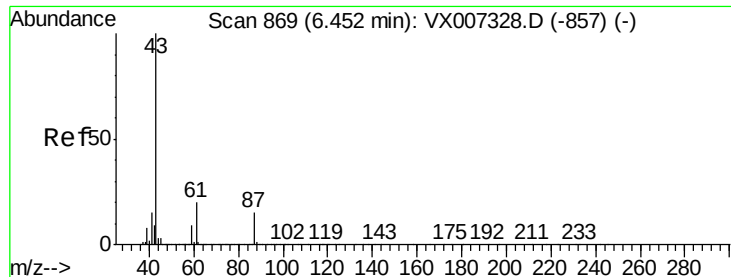
Delta R.T. -0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.0





#43

Isopropyl Acetate

Concen: 54.199 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.02 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

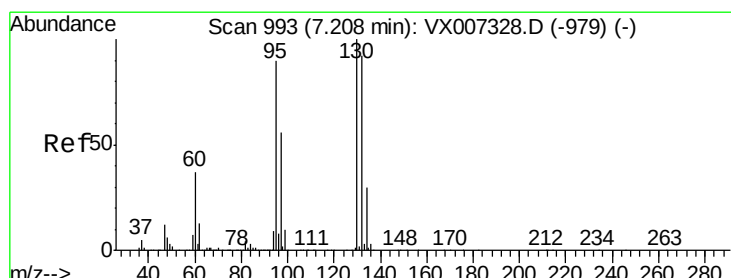
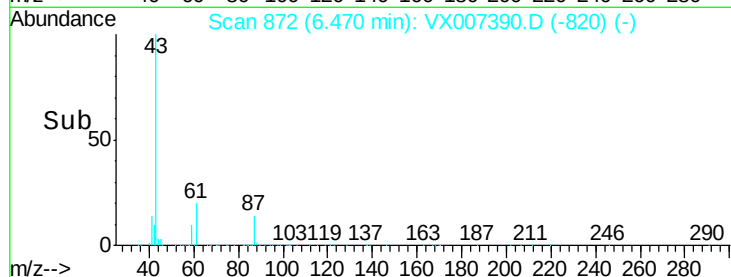
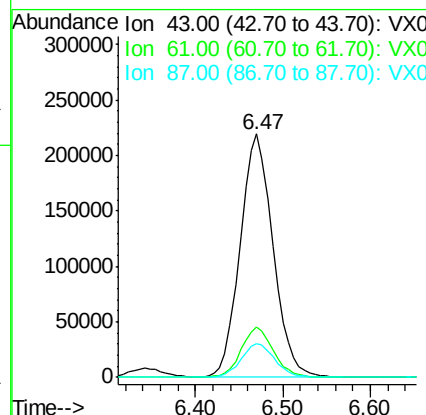
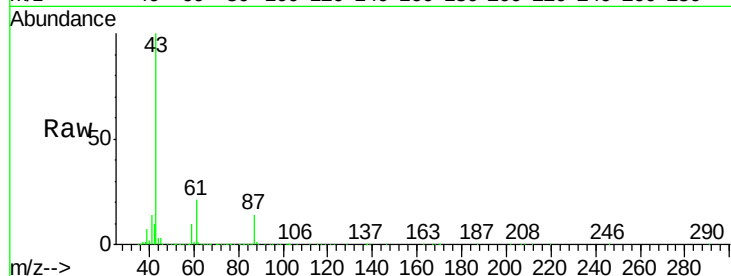
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	568654
Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.1	24.1
87	14.3	11.5	17.3

Manual Integrations
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#44

Trichloroethene

Concen: 51.308 ug/l

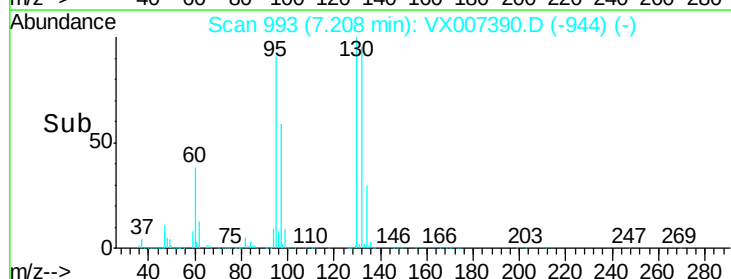
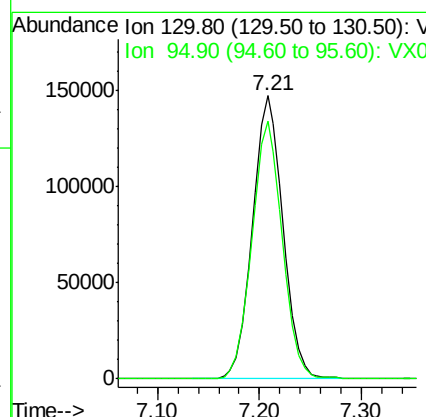
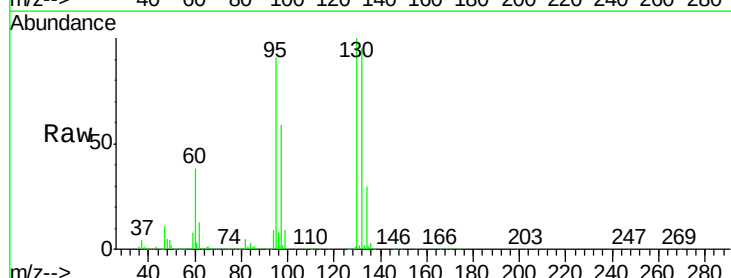
RT: 7.21 min Scan# 993

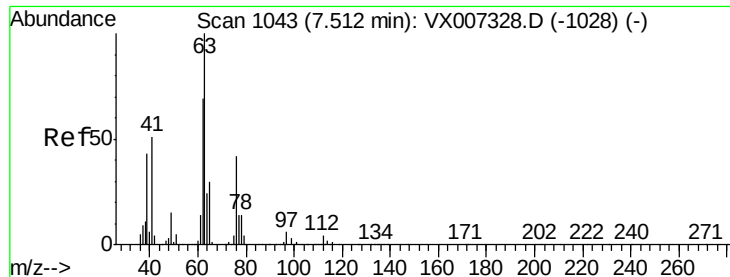
Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Tgt Ion:	130	Resp:	306086
Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	180.0





#45

1,2-Dichloropropane

Concen: 52.331 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 259713

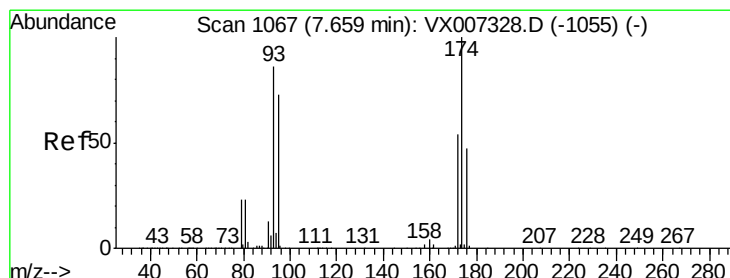
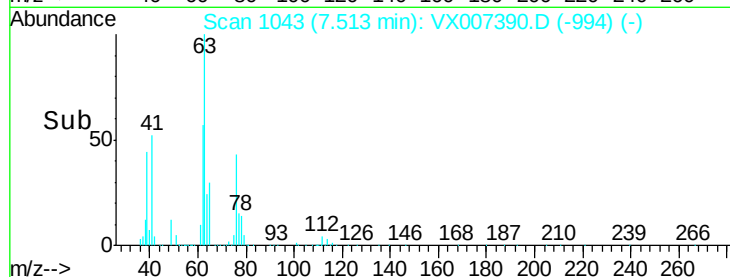
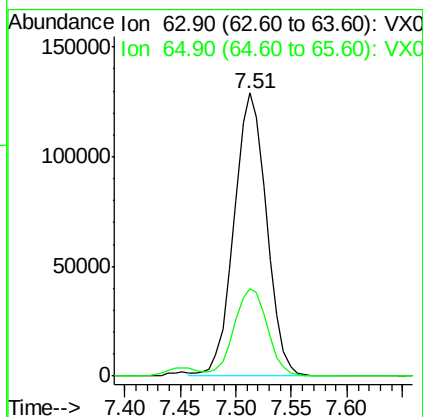
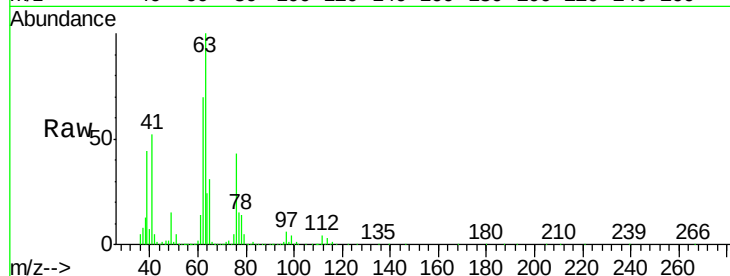
Ion Ratio Lower Upper

63 100

65 31.0 24.2 36.2

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2/7/2019 9:52:49 AM



#46

Dibromomethane

Concen: 50.206 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

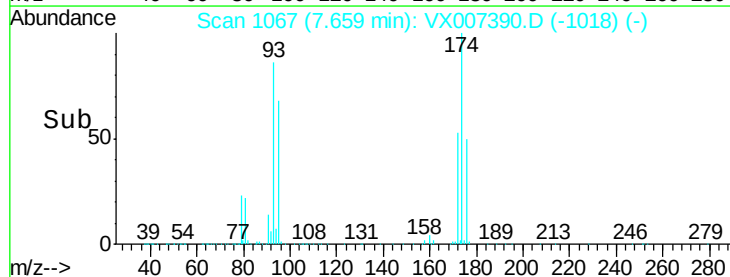
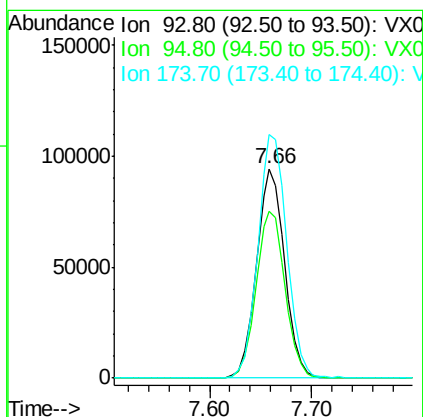
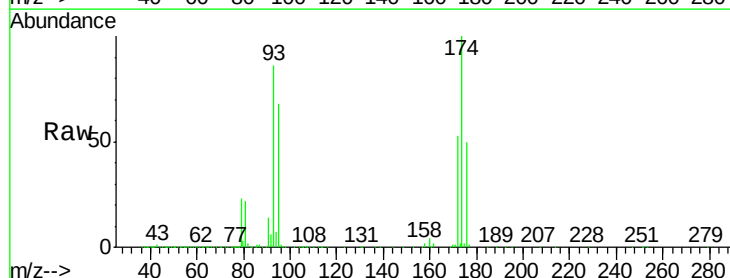
Tgt Ion: 93 Resp: 181097

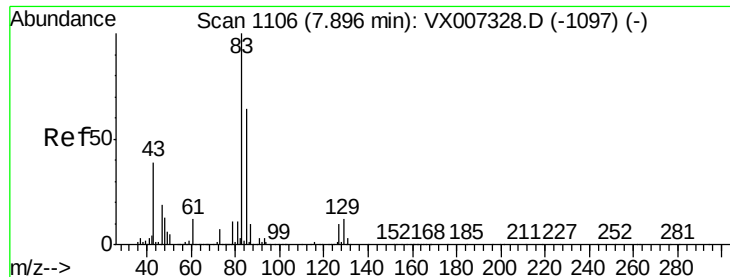
Ion Ratio Lower Upper

93 100

95 82.4 67.6 101.4

174 120.3 94.2 141.4





#47

Bromodichloromethane

Concen: 52.132 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

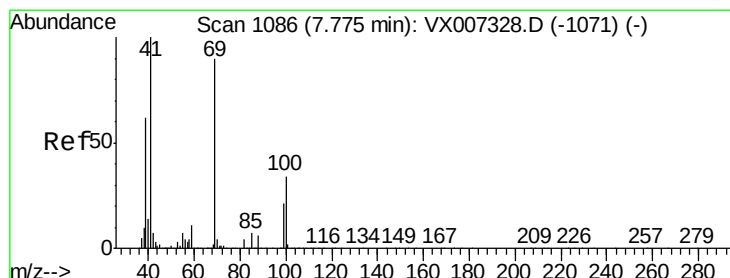
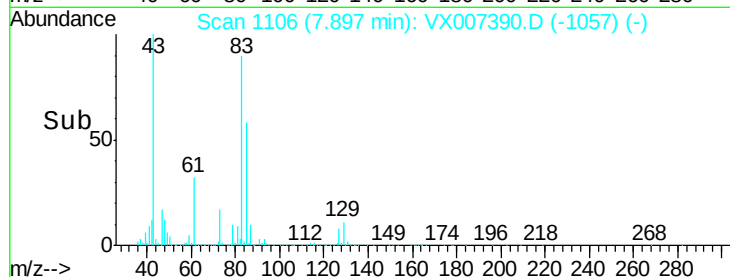
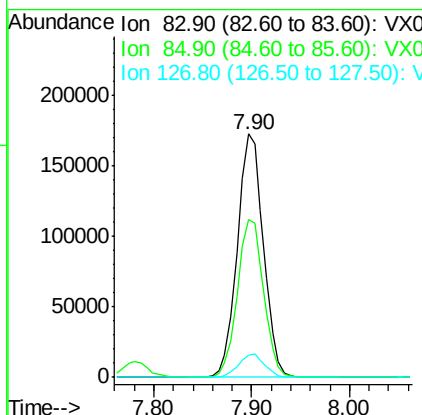
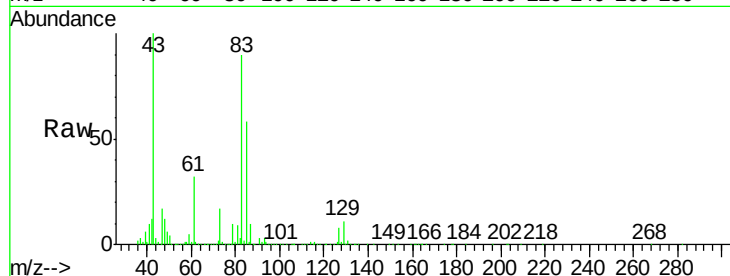
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	318694
Ion Ratio	Lower	Upper	
83	100		
85	64.9	51.4	77.0
127	9.1	8.1	12.1

Manual Integrations
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2/7/2019 9:52:49 AM



#48

Methyl methacrylate

Concen: 55.806 ug/l

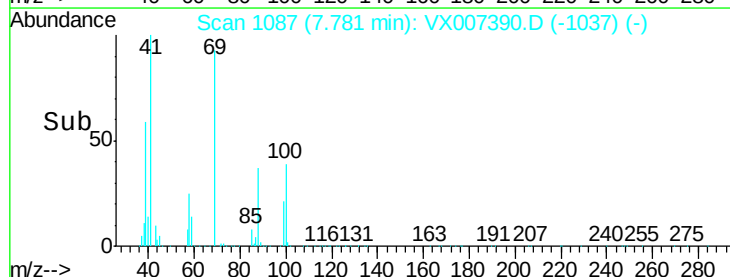
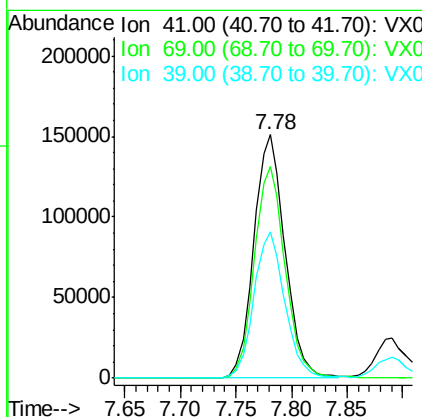
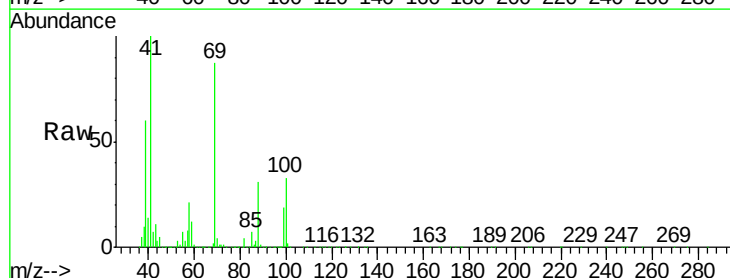
RT: 7.78 min Scan# 1087

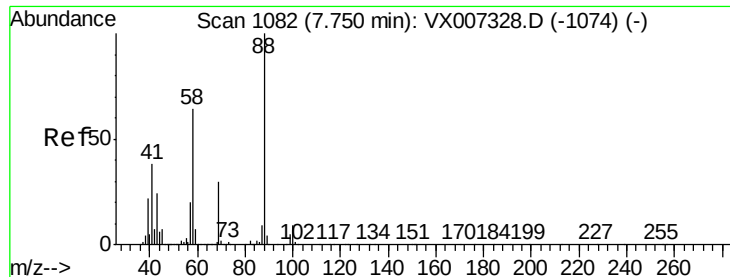
Delta R.T. 0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Tgt Ion:	41	Resp:	292873
Ion Ratio	Lower	Upper	
41	100		
69	86.8	70.2	105.4
39	59.6	47.4	71.0





#49

1,4-Dioxane

Concen: 1146.777 ug/l

RT: 7.79 min Scan# 1088

Delta R.T. 0.04 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

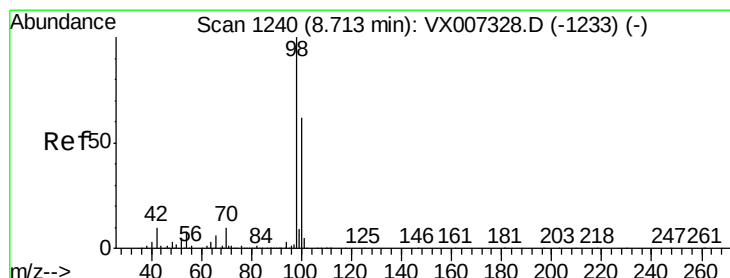
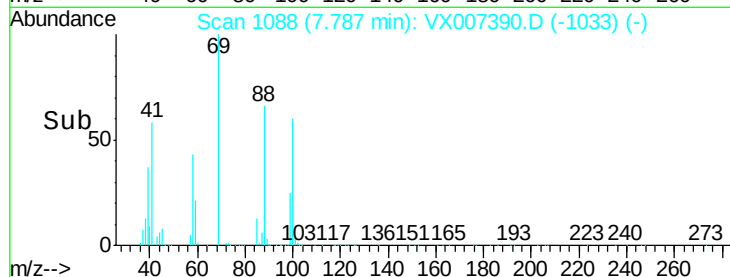
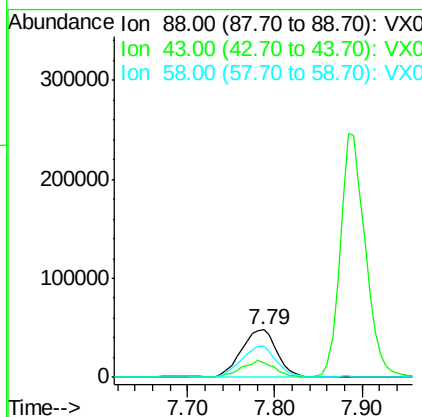
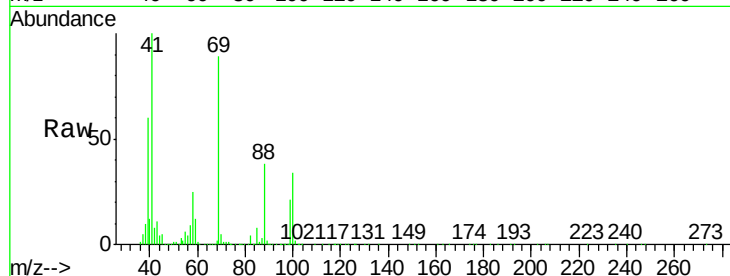
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	136990
Ion Ratio	Lower	Upper	
88	100		
43	29.2	24.2	36.4
58	64.3	53.0	79.4

Manual Integrations
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#50

Toluene-d8

Concen: 53.541 ug/l

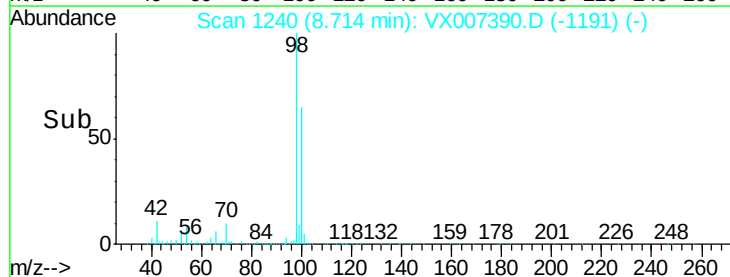
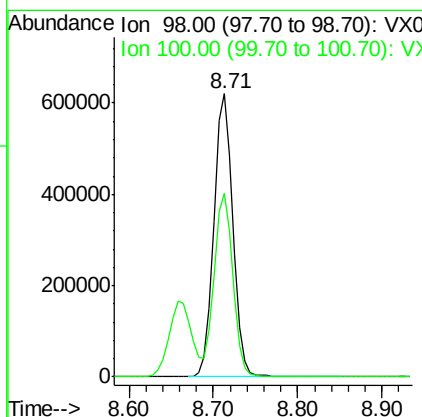
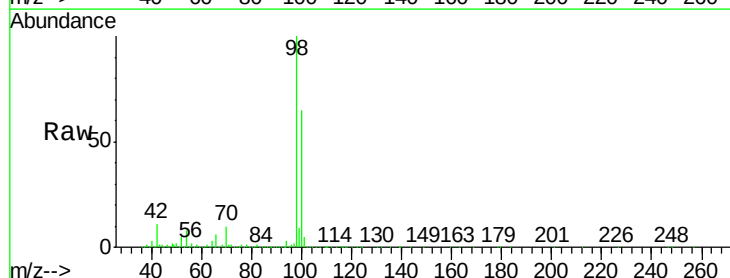
RT: 8.71 min Scan# 1240

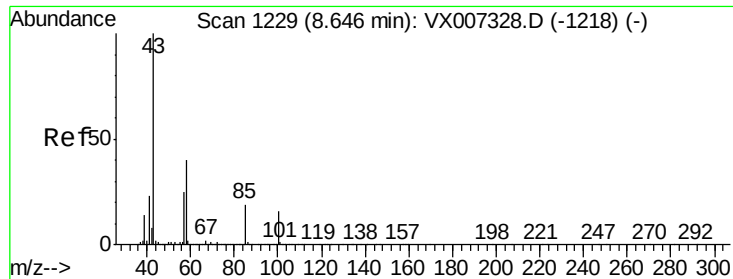
Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Tgt Ion:	98	Resp:	968685
Ion Ratio	Lower	Upper	
98	100		
100	64.0	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 282.870 ug/l

RT: 8.66 min Scan# 1231

Delta R.T. 0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1953766

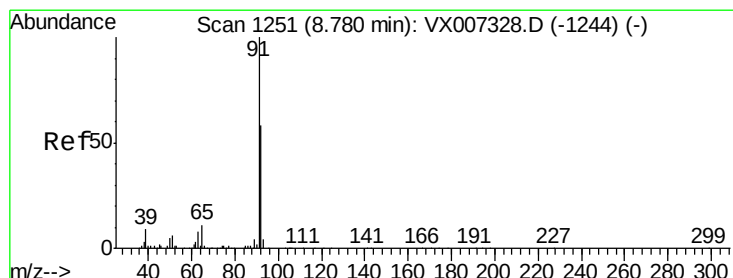
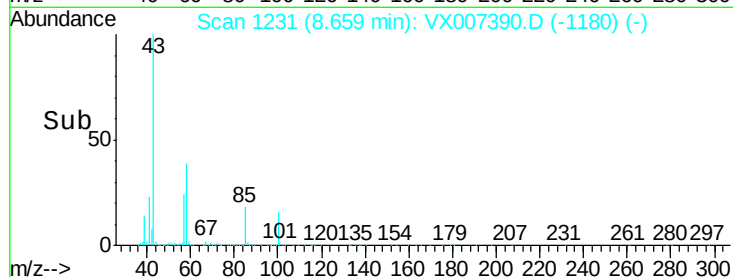
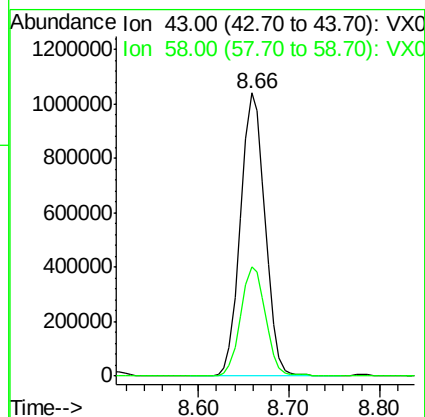
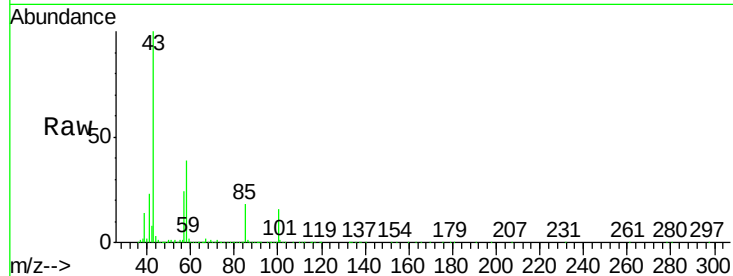
Ion Ratio Lower Upper

43 100

58 39.3 31.2 46.8

Manual Integrations
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#52

Toluene

Concen: 52.844 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX007390.D

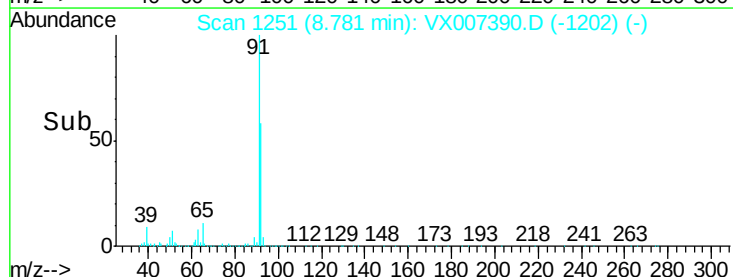
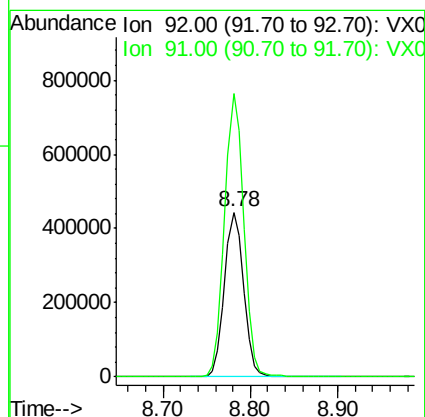
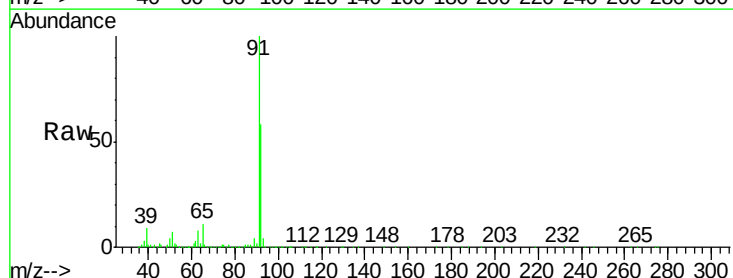
Acq: 06 Feb 2019 10:38

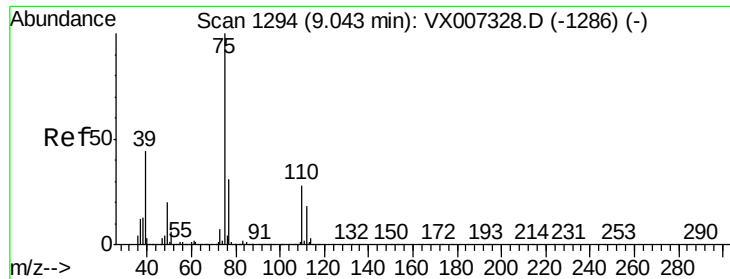
Tgt Ion: 92 Resp: 675339

Ion Ratio Lower Upper

92 100

91 172.8 139.1 208.7





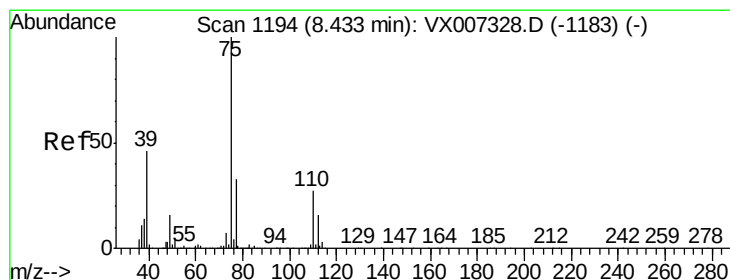
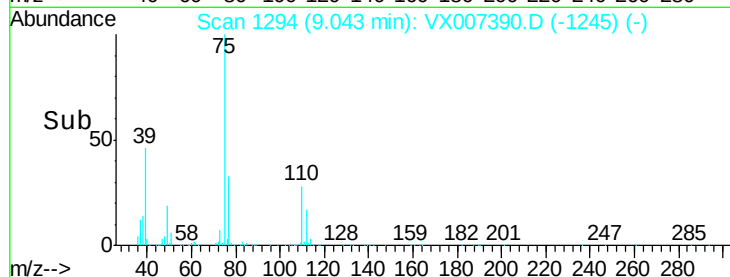
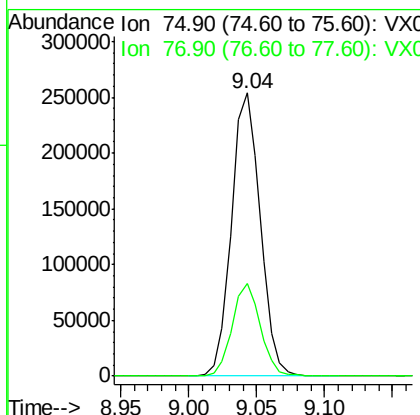
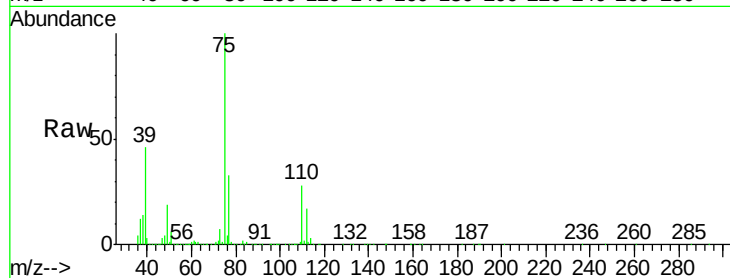
#53
t-1,3-Dichloropropene
Concen: 56.860 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.2	37.8

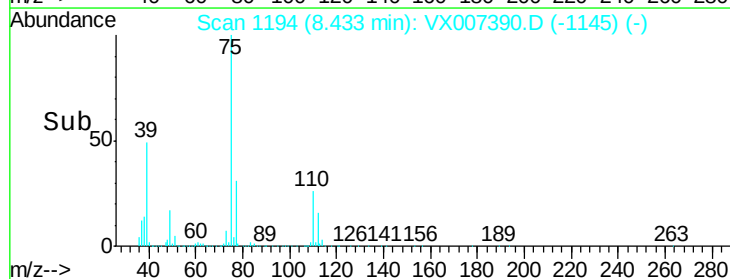
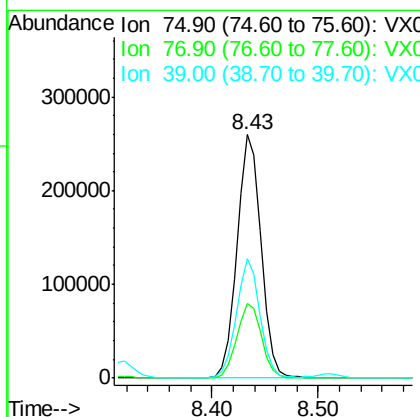
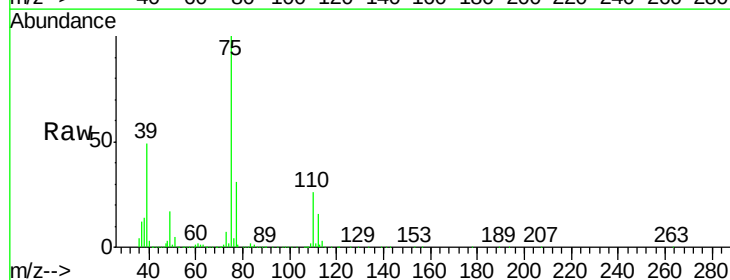
Manual Integrations
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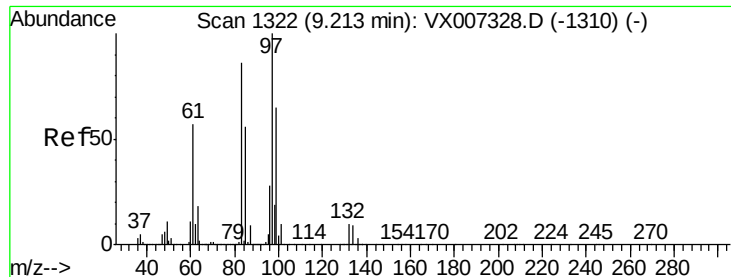
MMDadoda
2/7/2019 9:52:49 AM



#54
cis-1,3-Dichloropropene
Concen: 56.796 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	26.2	39.4
39	48.7	37.1	55.7





#55

1,1,2-Trichloroethane

Concen: 51.568 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

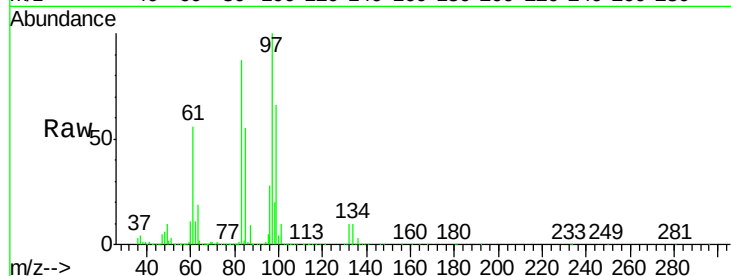
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	274714
Ion	Ratio	Lower	Upper
97	100		
83	87.0	68.6	102.8
85	54.9	44.5	66.7
99	65.8	52.2	78.4

Manual Integrations
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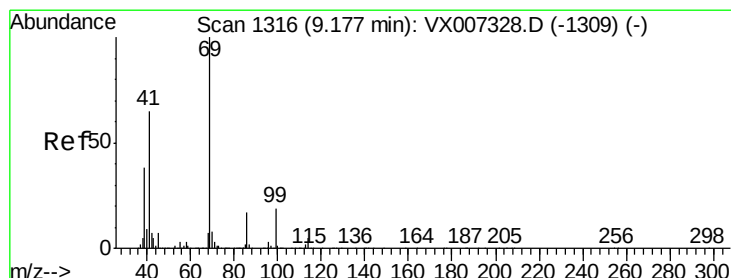
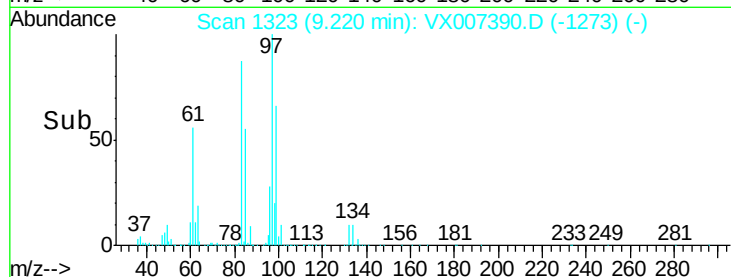
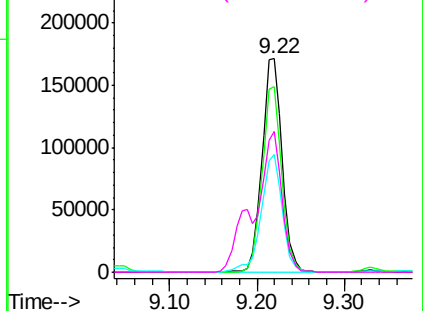
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 54.427 ug/l

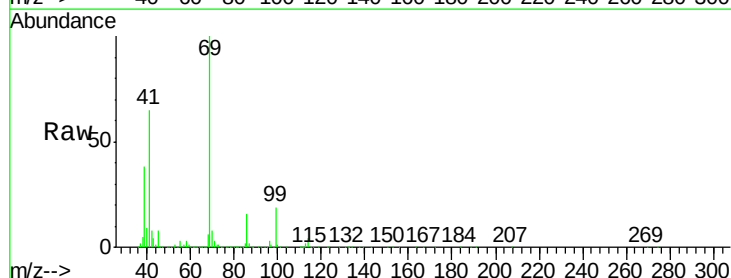
RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Tgt Ion:	69	Resp:	401572
Ion	Ratio	Lower	Upper
69	100		
41	65.3	52.1	78.1
39	37.5	30.1	45.1

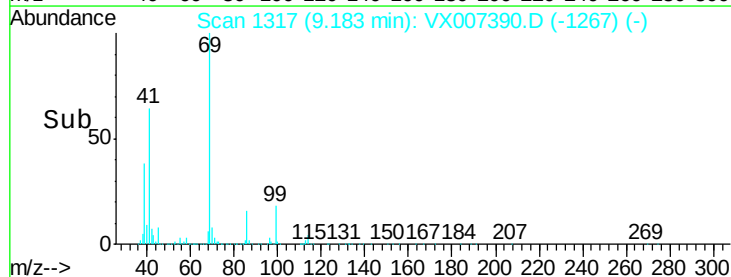
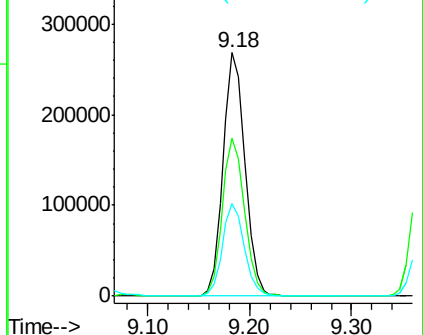


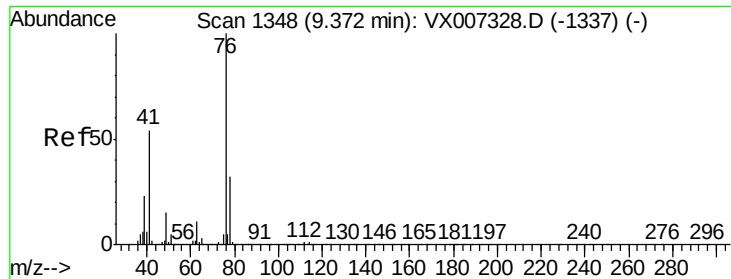
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





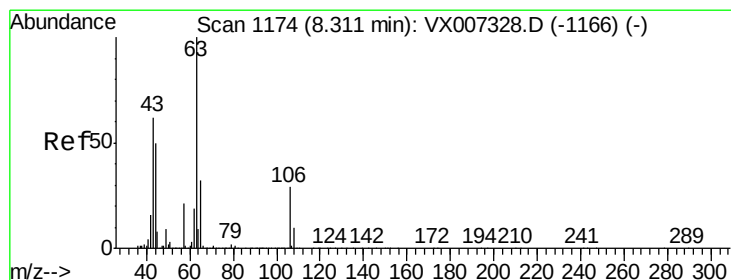
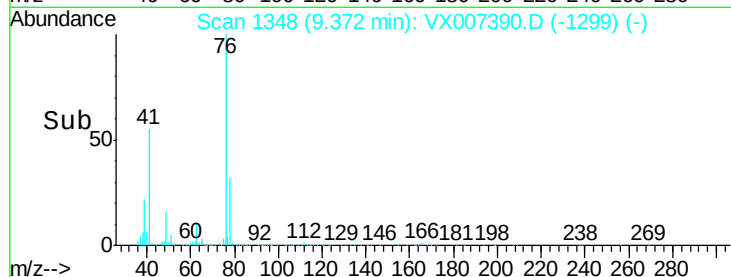
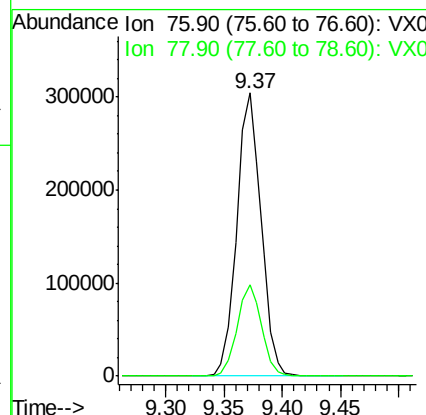
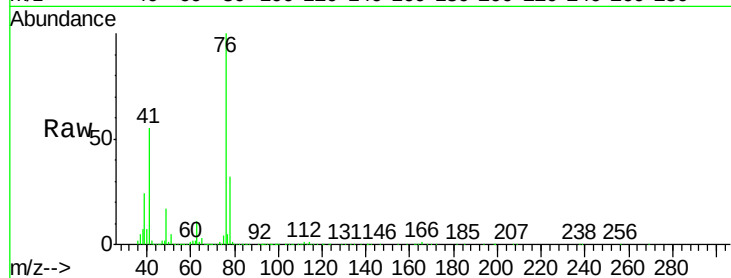
#57
 1,3-Dichloropropane
 Concen: 52.361 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX007390.D
 Acq: 06 Feb 2019 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.8

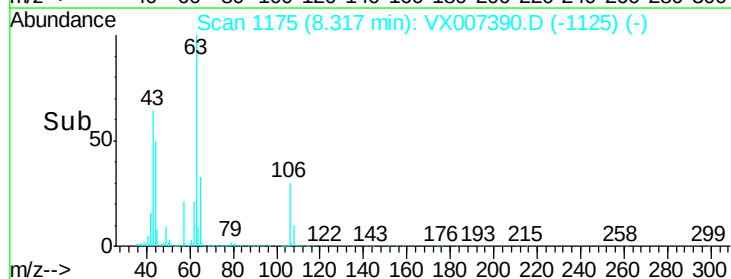
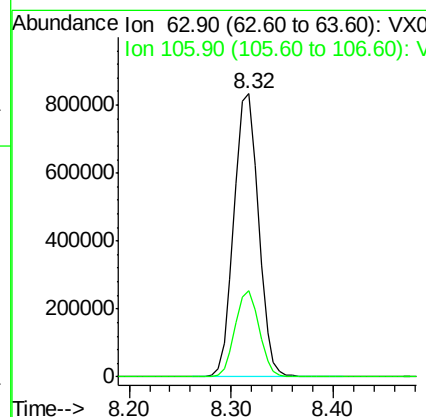
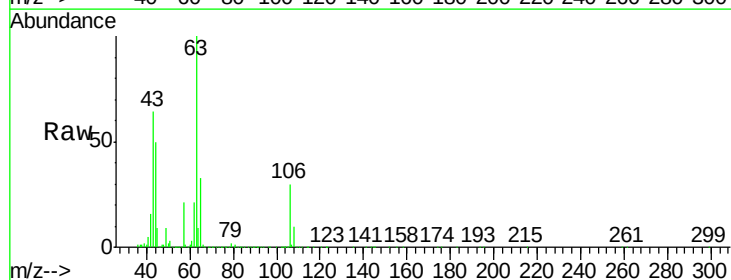
Manual Integrations
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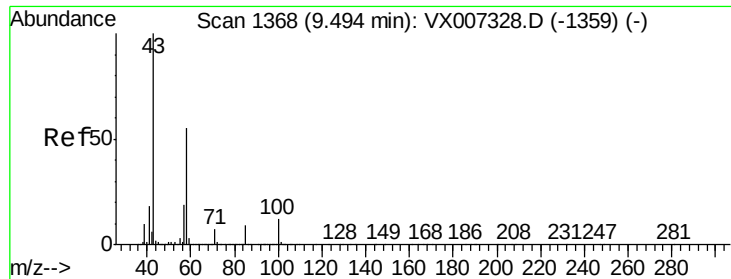
MMDadoda
 2/7/2019 9:52:49 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 356.333 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX007390.D
 Acq: 06 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	23.6	35.4





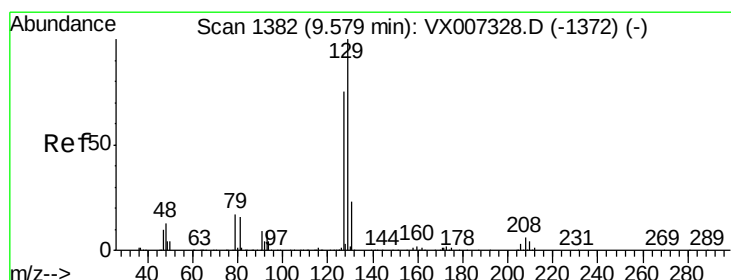
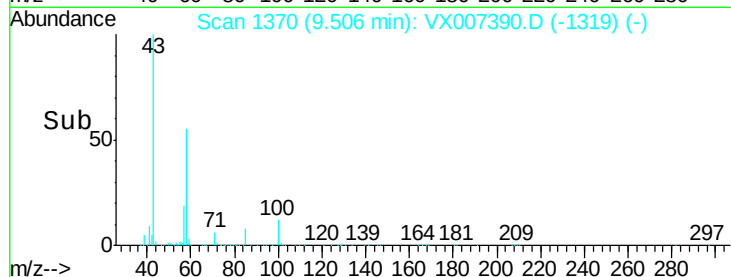
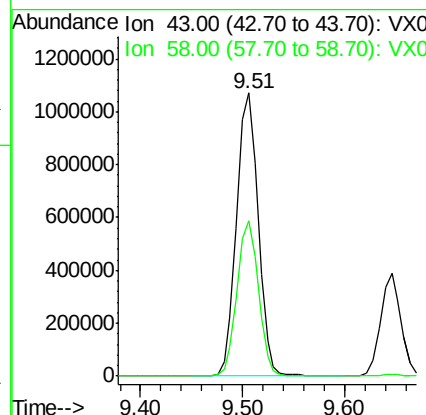
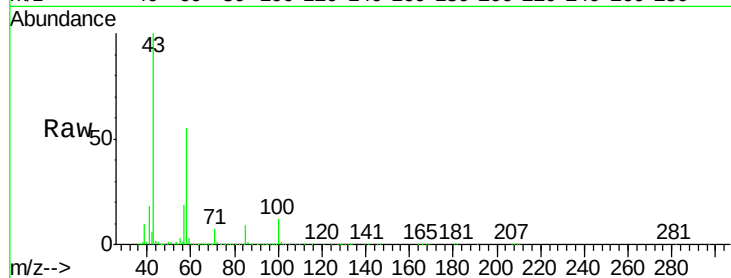
#59
2-Hexanone
Concen: 291.550 ug/l
RT: 9.51 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1567009
Ion Ratio Lower Upper
43 100
58 54.2 27.1 81.3

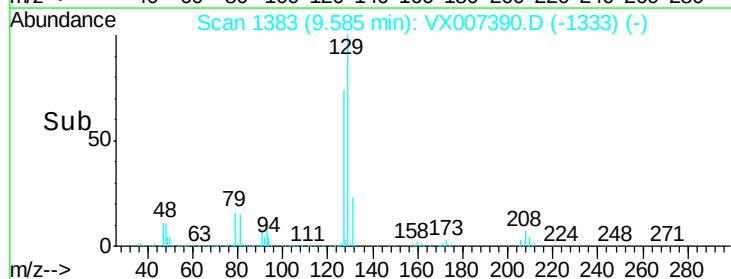
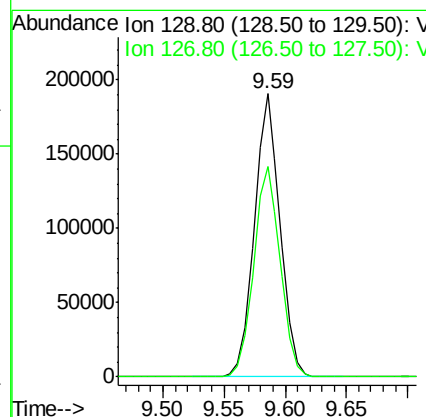
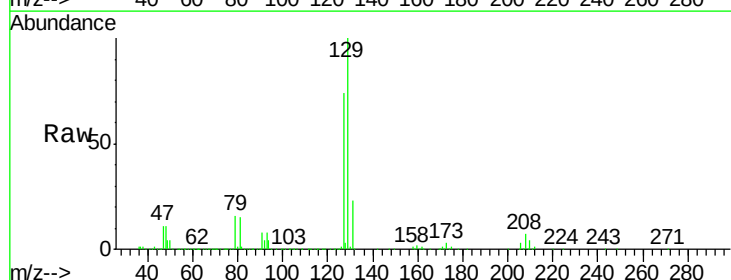
Manual Integrations
APPROVED

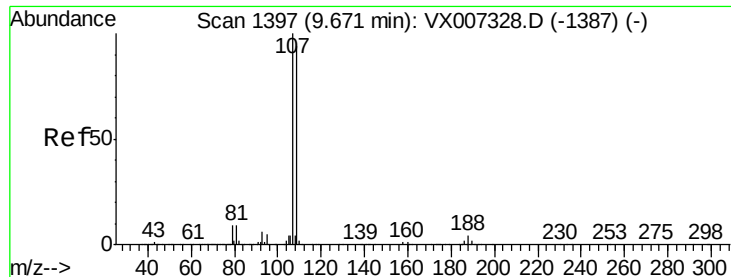
MMDadoda
2/7/2019 9:52:49 AM



#60
Dibromochloromethane
Concen: 55.191 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion: 129 Resp: 278065
Ion Ratio Lower Upper
129 100
127 76.6 37.8 113.4





#61

1,2-Dibromoethane

Concen: 52.344 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 295300

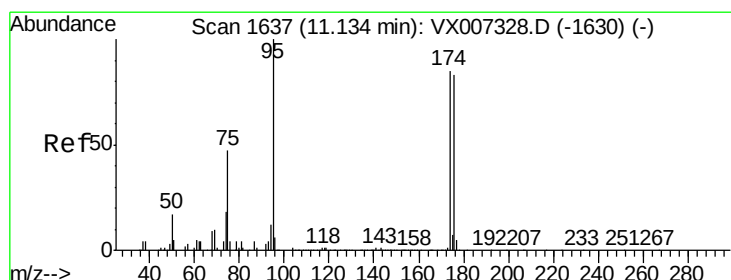
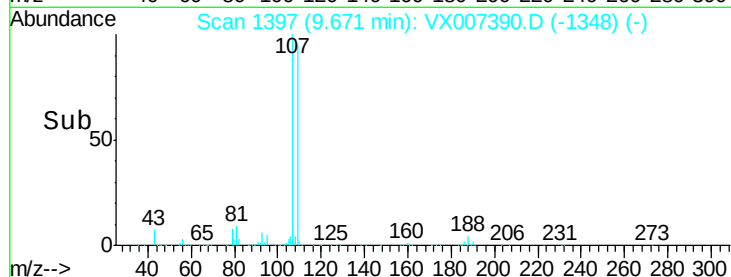
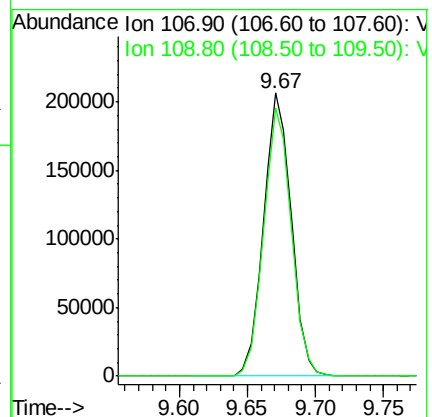
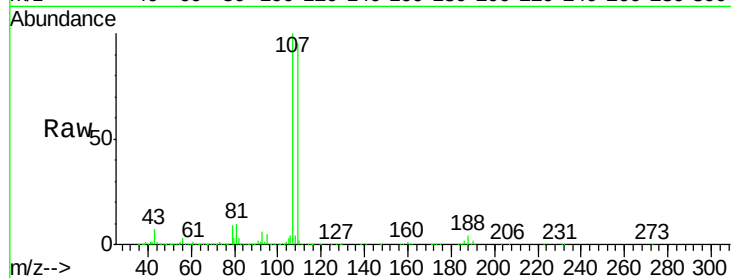
Ion Ratio Lower Upper

107 100

109 94.7 75.1 112.7

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2/7/2019 9:52:49 AM



#62

4-Bromofluorobenzene

Concen: 55.882 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

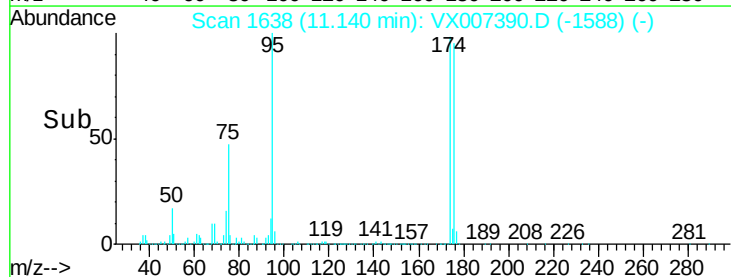
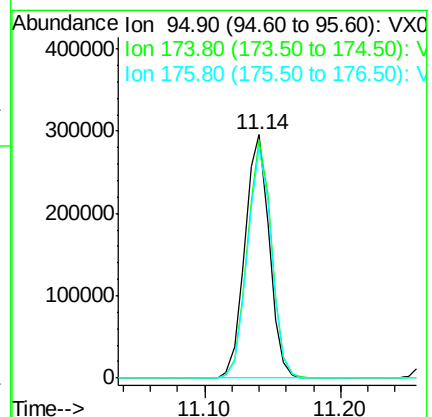
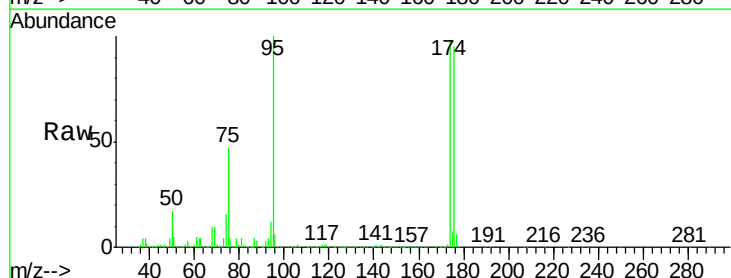
Tgt Ion: 95 Resp: 369129

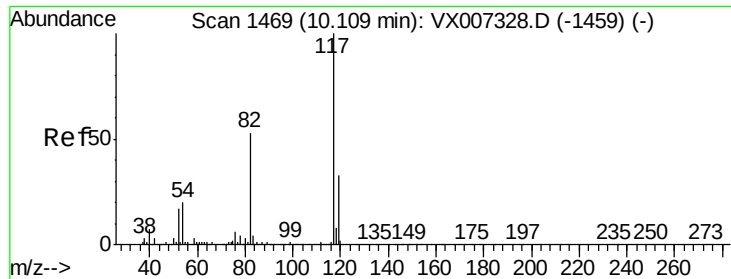
Ion Ratio Lower Upper

95 100

174 97.2 0.0 189.2

176 94.0 0.0 186.2





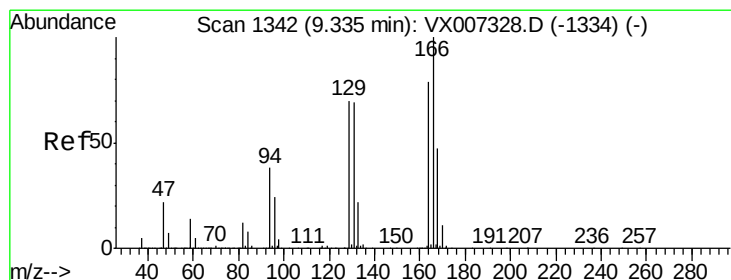
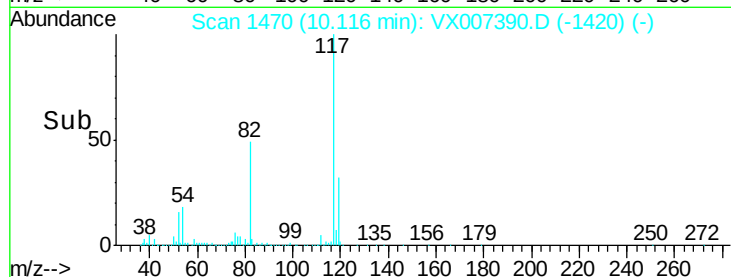
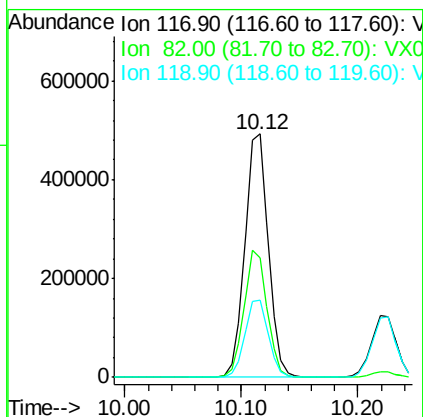
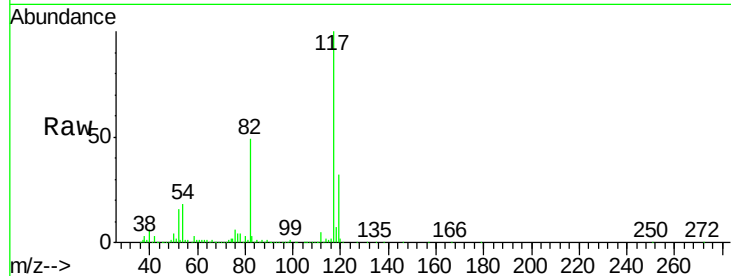
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.0	42.1	63.1
119	31.7	26.5	39.7

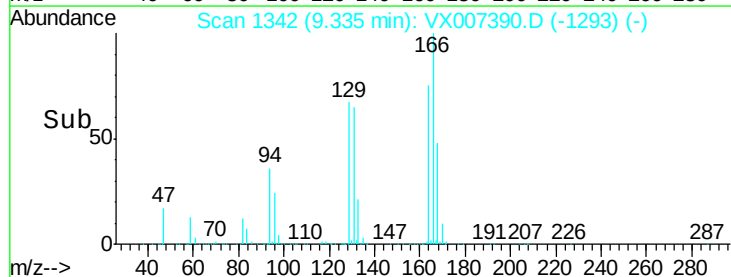
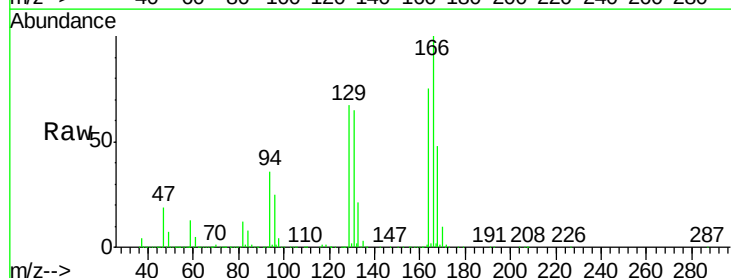
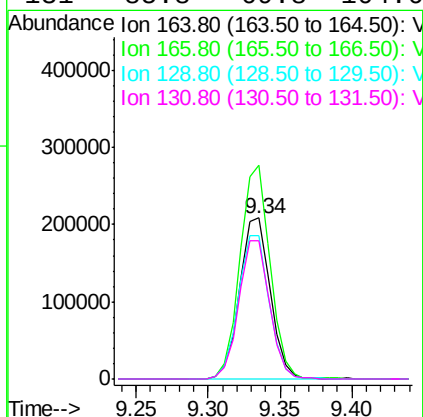
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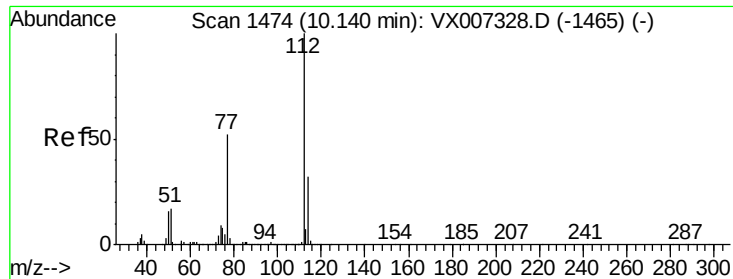
MMDadoda
2/7/2019 9:52:49 AM



#64
Tetrachloroethene
Concen: 47.182 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.7	101.0	151.4
129	88.9	70.5	105.7
131	85.8	69.8	104.6





#65

Chlorobenzene

Concen: 50.823 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 769880

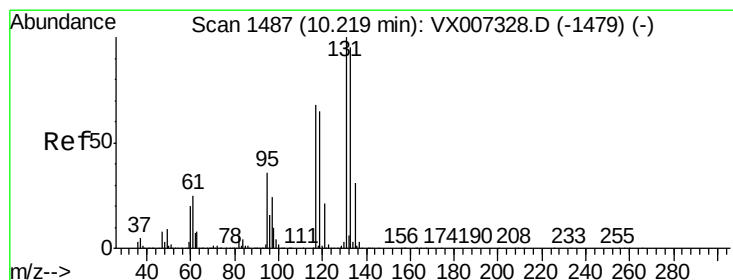
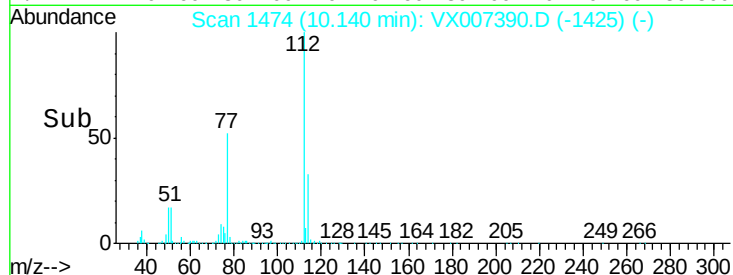
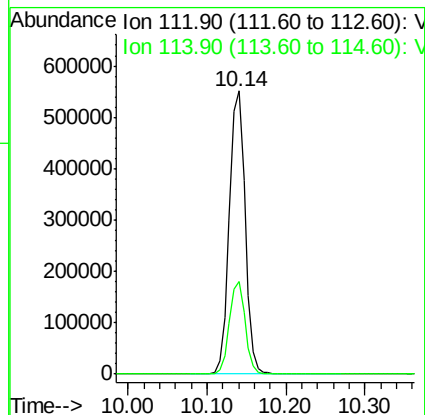
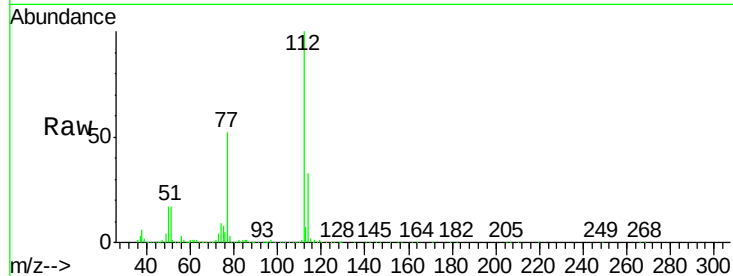
Ion Ratio Lower Upper

112 100

114 32.6 25.8 38.6

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#66

1,1,1,2-Tetrachloroethane

Concen: 54.903 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

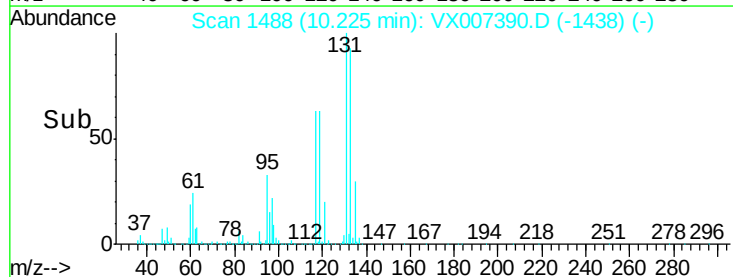
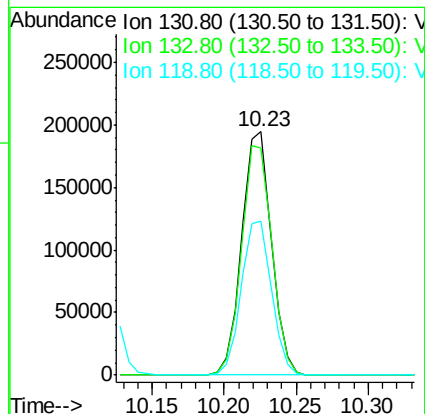
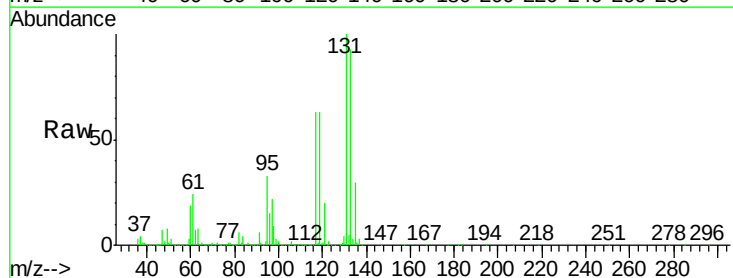
Tgt Ion:131 Resp: 278837

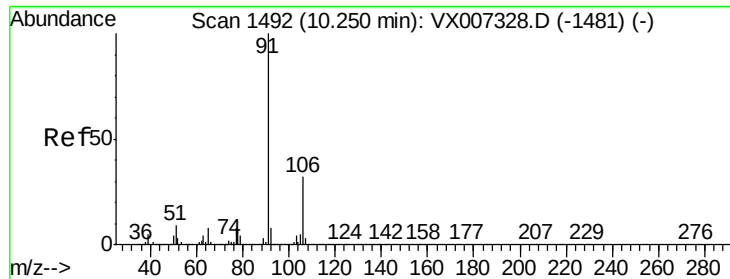
Ion Ratio Lower Upper

131 100

133 96.3 48.0 144.2

119 64.2 32.0 96.0





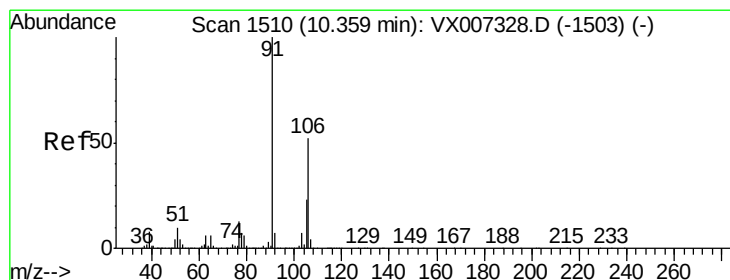
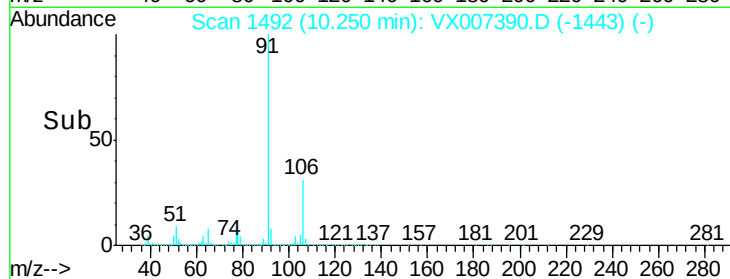
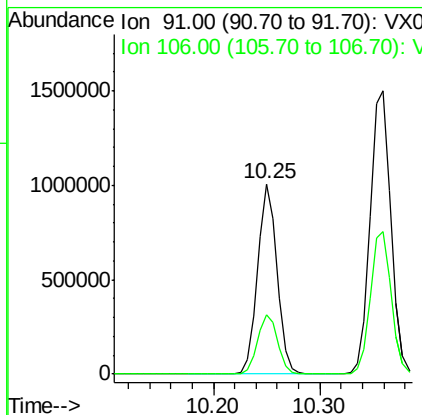
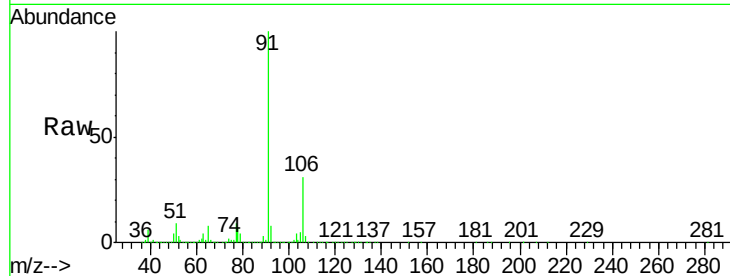
#67
Ethyl Benzene
Concen: 53.003 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1292980
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0

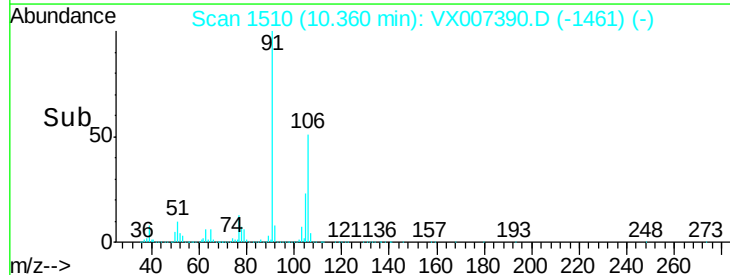
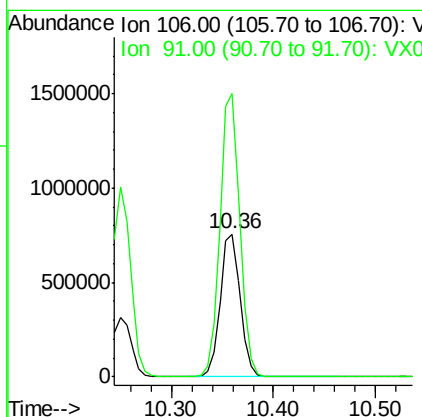
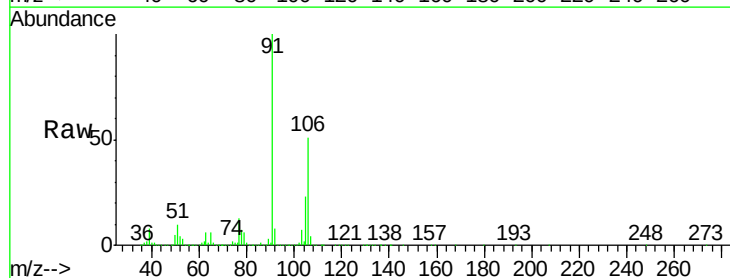
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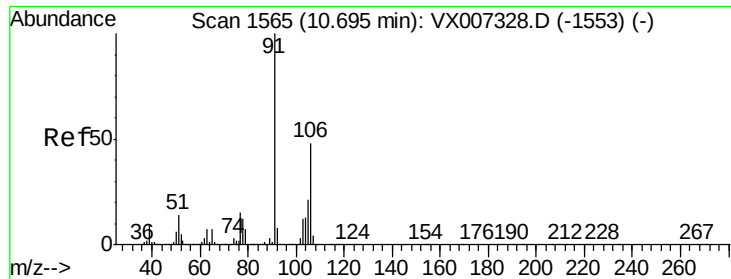
MMDadoda
2/7/2019 9:52:49 AM



#68
m/p-Xylenes
Concen: 106.874 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion: 106 Resp: 1036362
Ion Ratio Lower Upper
106 100
91 197.5 156.6 234.8





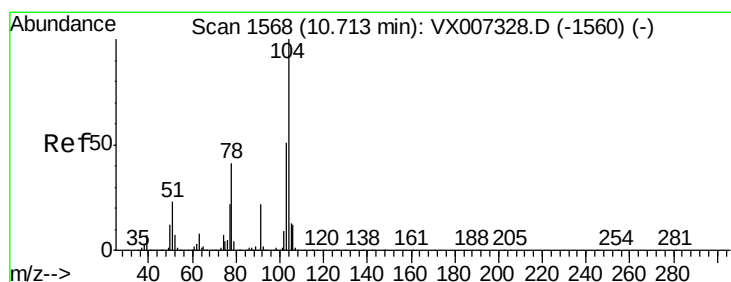
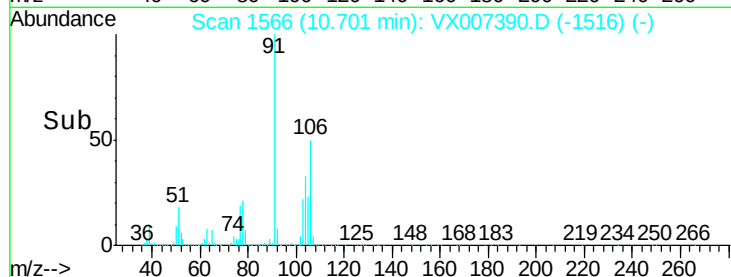
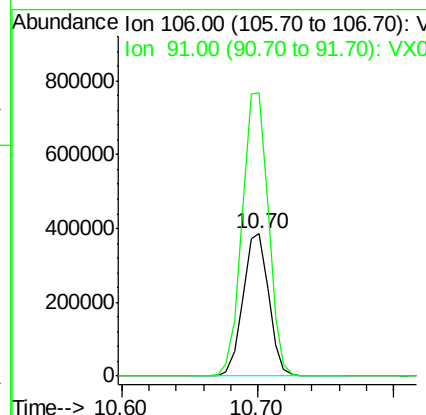
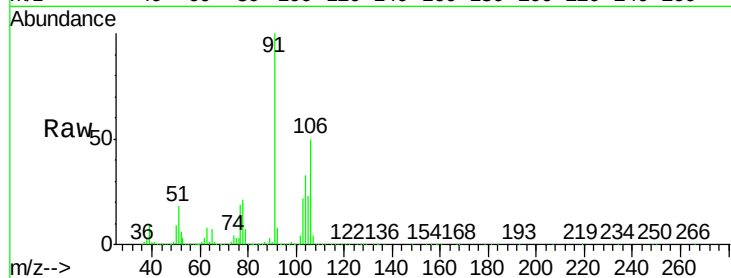
#69
o-Xylene
Concen: 54.396 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	204.2	102.9	308.7	

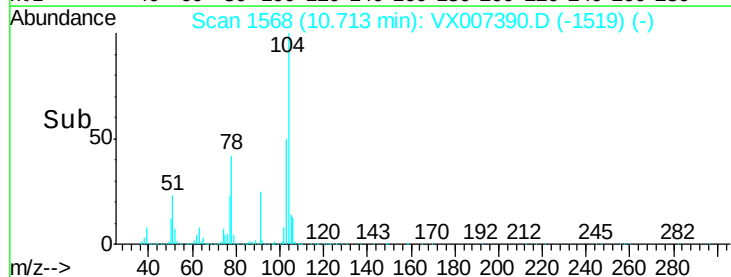
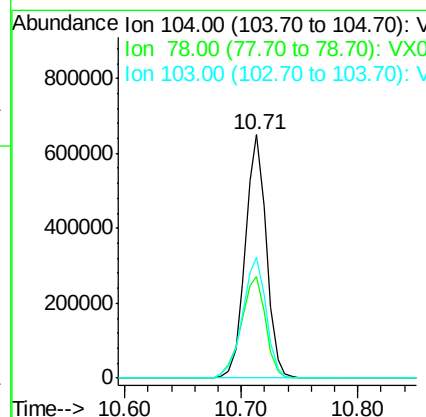
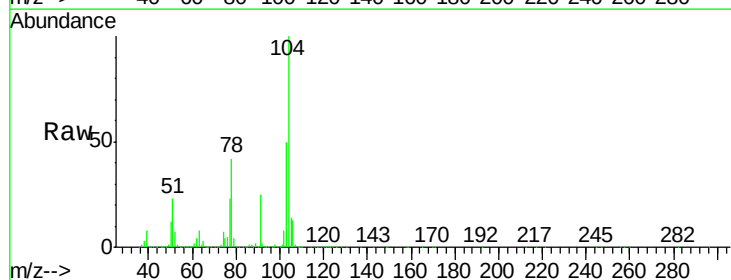
Manual Integrations
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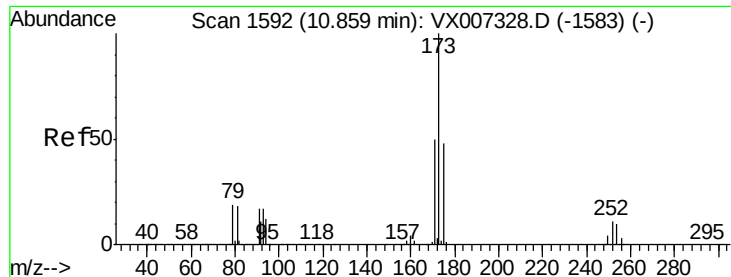
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2/7/2019 9:52:49 AM



#70
Styrene
Concen: 54.294 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.3	38.3	57.5	
103	55.5	44.6	67.0	





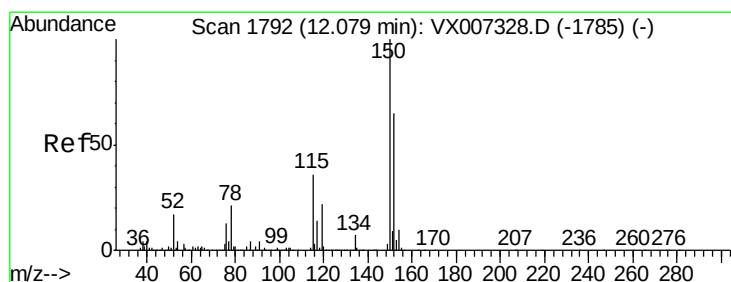
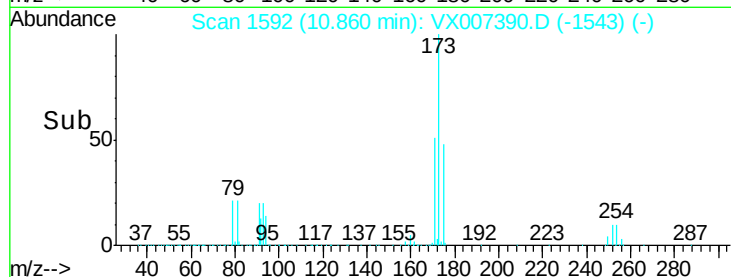
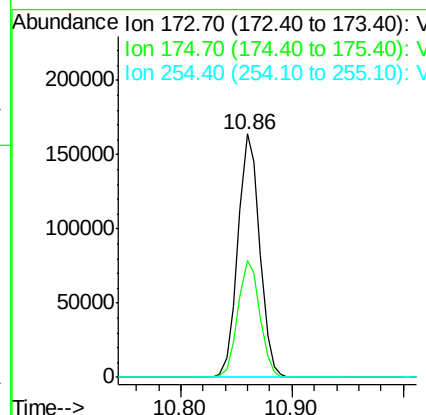
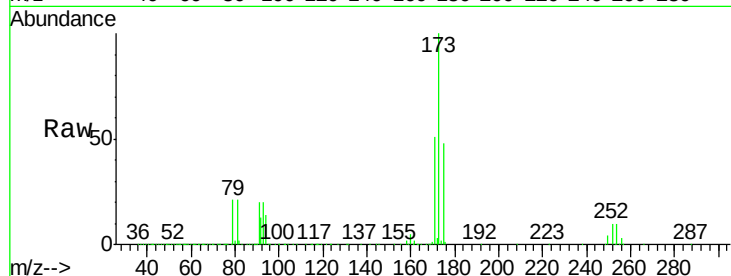
#71
Bromoform
Concen: 49.884 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.2	72.6
254	0.2	0.2	0.2

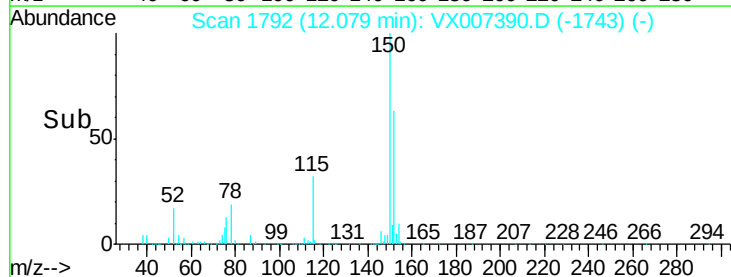
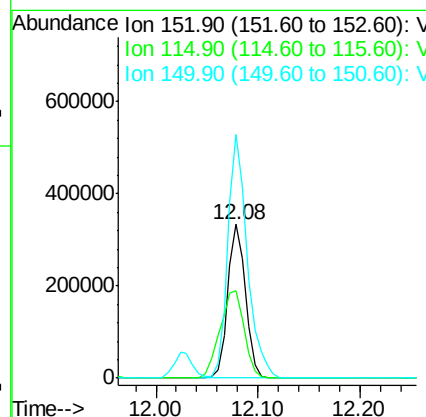
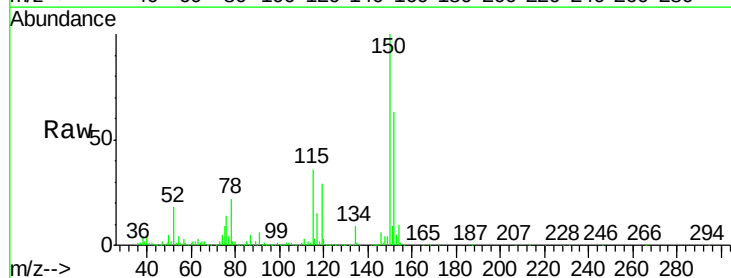
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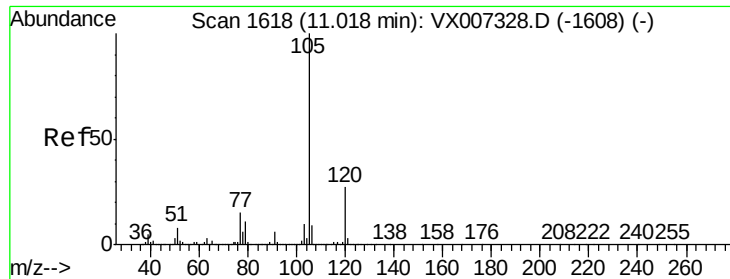
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.1	38.0	114.0
150	174.3	0.0	346.4





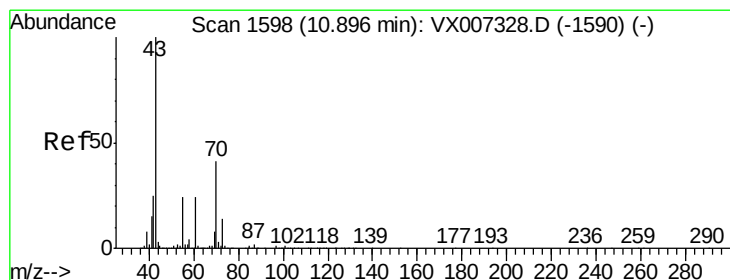
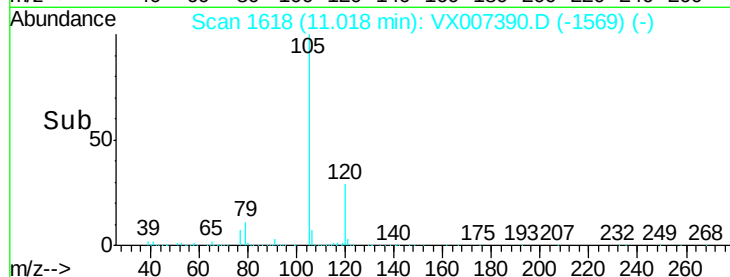
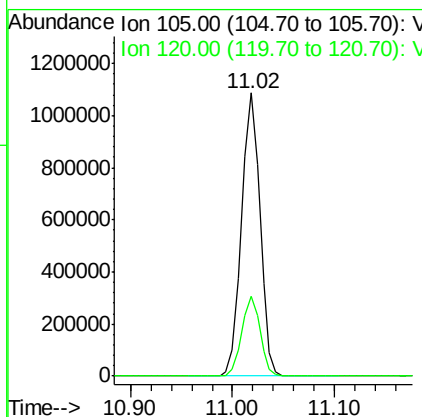
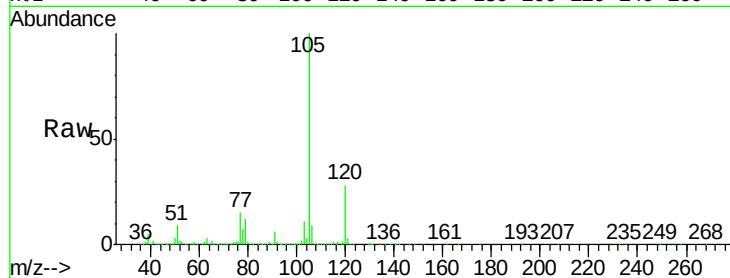
#73
Isopropylbenzene
Concen: 49.473 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:105 Resp: 1355470
Ion Ratio Lower Upper
105 100
120 27.8 13.6 40.7

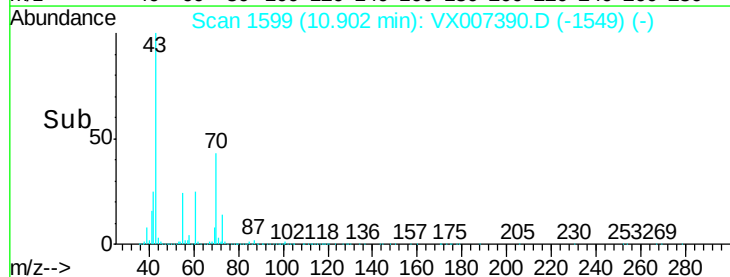
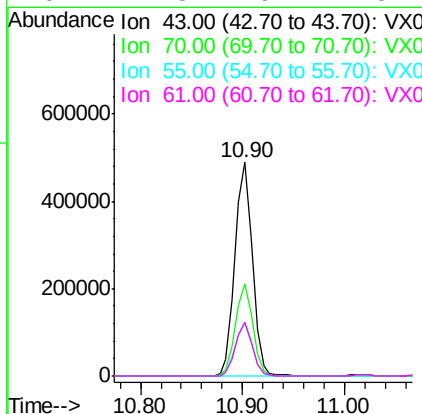
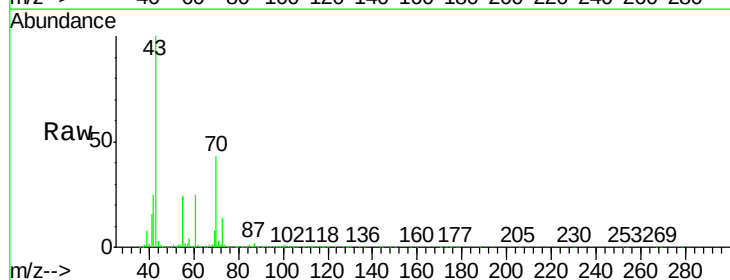
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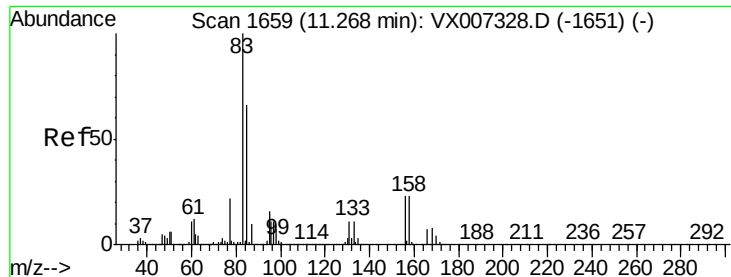
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2/7/2019 9:52:49 AM



#74
N-ethyl acetate
Concen: 53.935 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. 0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion: 43 Resp: 571562
Ion Ratio Lower Upper
43 100
70 43.1 33.8 50.6
55 24.7 19.5 29.3
61 24.3 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 54.367 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

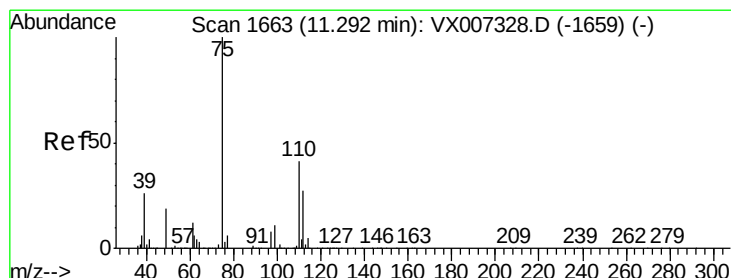
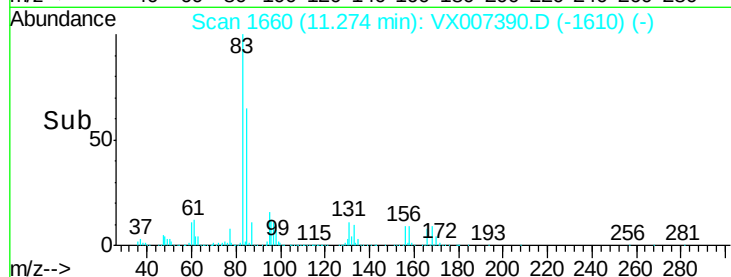
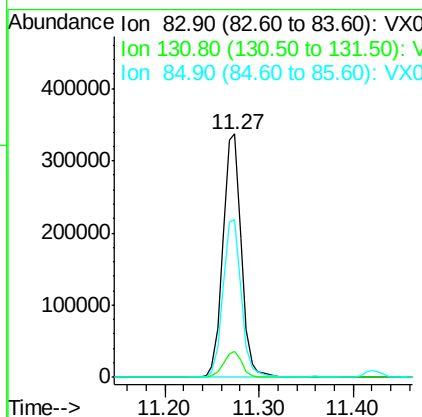
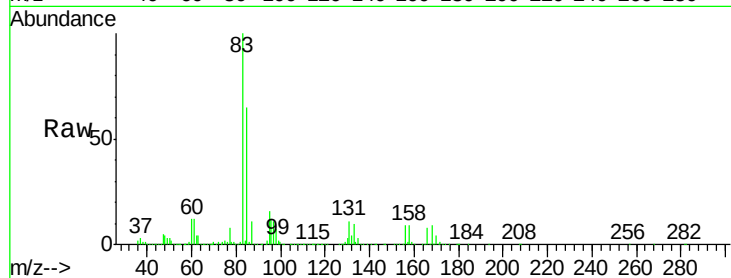
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	453955
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.7	17.0
85	64.7	32.8	98.3

Manual Integrations
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2/7/2019 9:52:49 AM



#76

1,2,3-Trichloropropane

Concen: 50.120 ug/l m

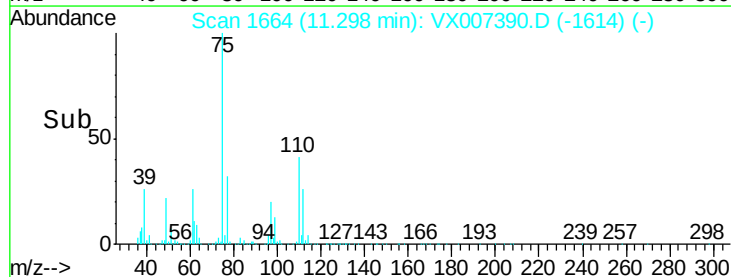
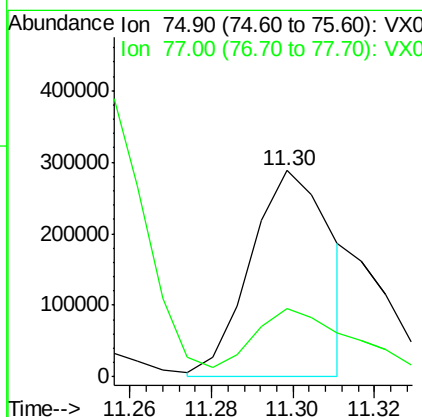
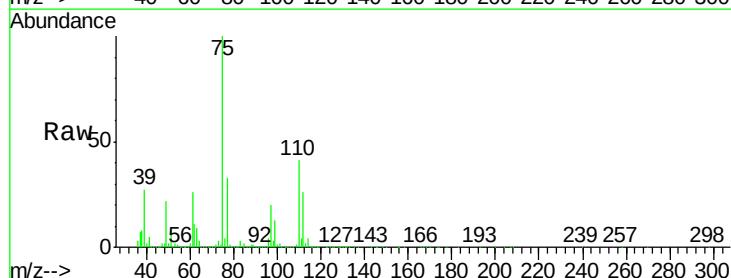
RT: 11.30 min Scan# 1664

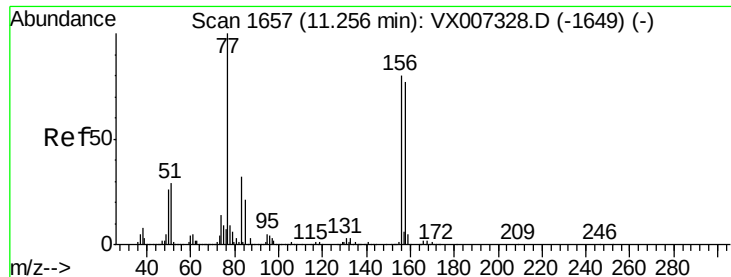
Delta R.T. 0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Tgt Ion:	75	Resp:	393054
Ion Ratio	Lower	Upper	
75	100		
77	42.2	23.0	69.0





#77

Bromobenzene

Concen: 47.958 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

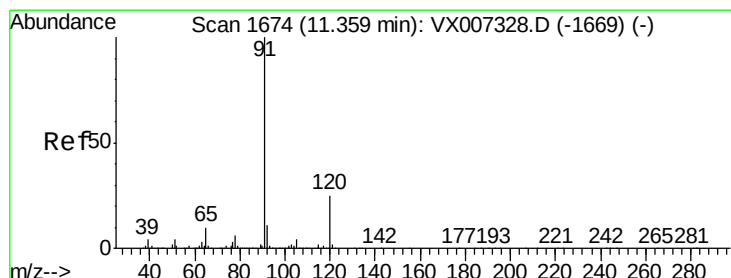
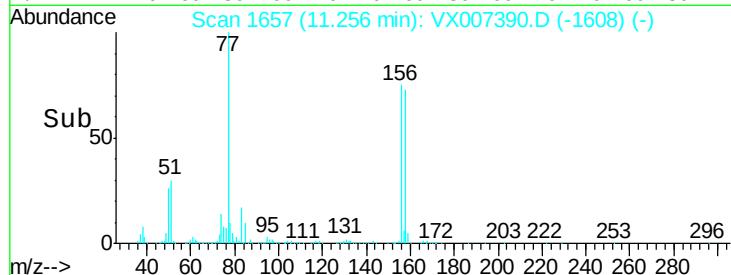
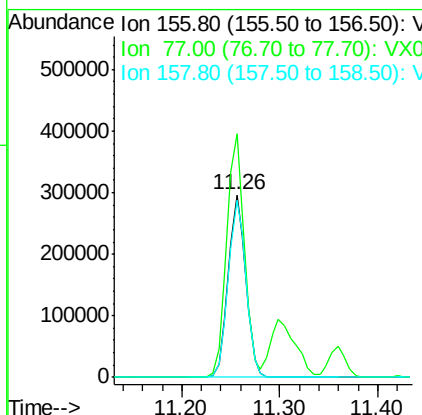
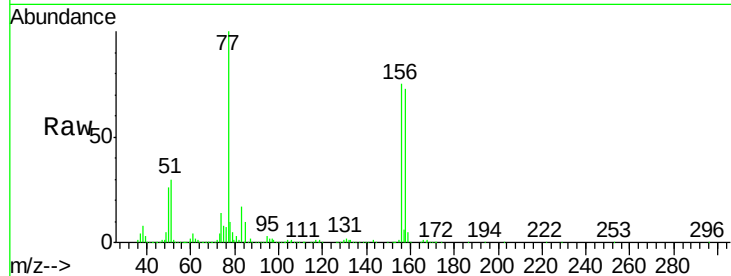
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	370214
Ion Ratio	Lower	Upper	
156	100		
77	135.2	66.8	200.6
158	98.0	47.9	143.8

Manual Integrations
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2/7/2019 9:52:49 AM



#78

n-propylbenzene

Concen: 51.133 ug/l

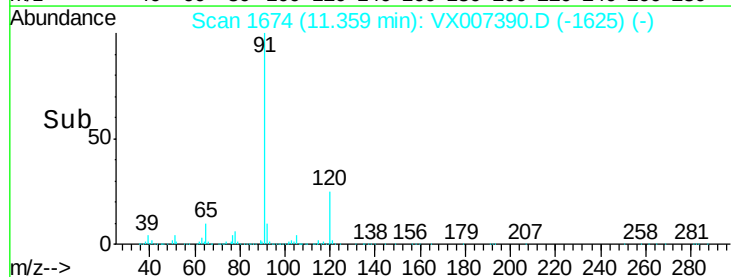
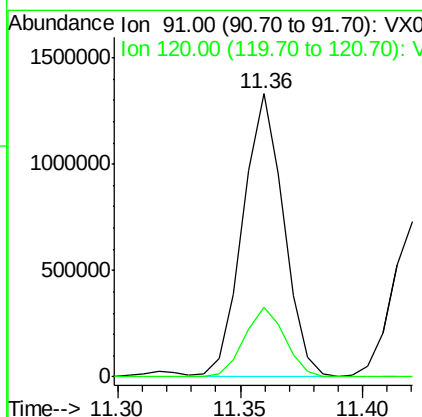
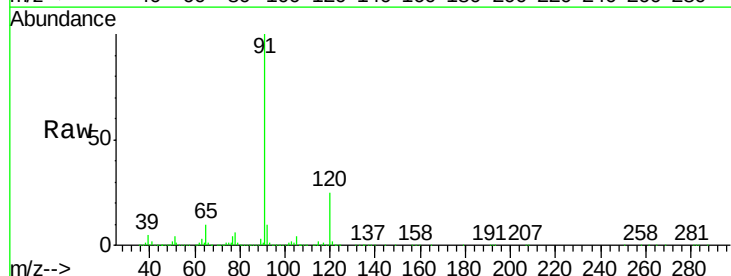
RT: 11.36 min Scan# 1674

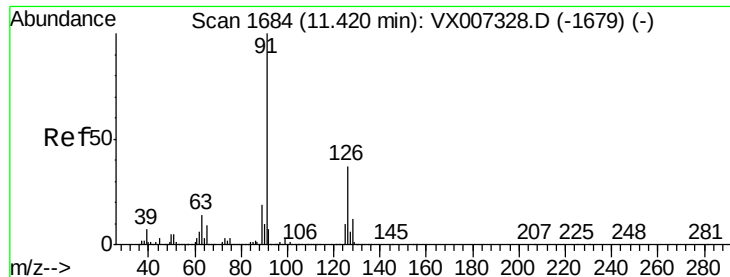
Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Tgt Ion:	91	Resp:	1536216
Ion Ratio	Lower	Upper	
91	100		
120	24.7	12.4	37.2





#79

2-Chlorotoluene

Concen: 49.875 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 909216

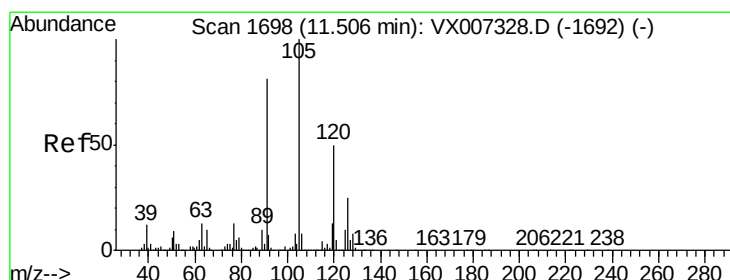
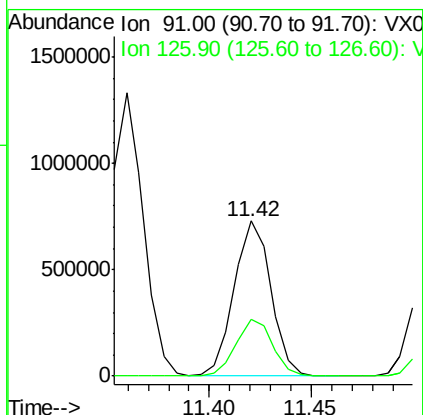
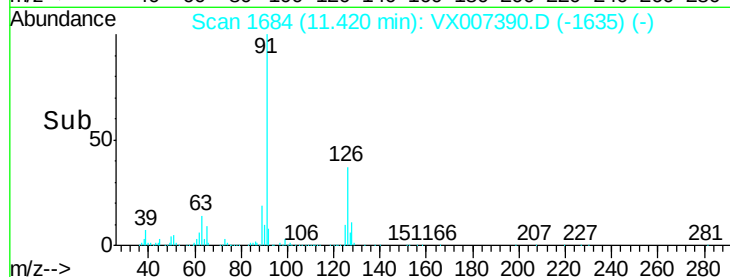
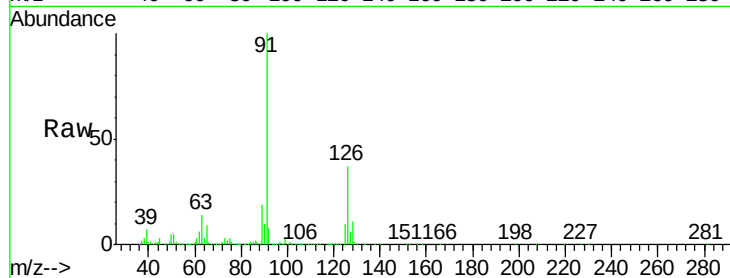
Ion Ratio Lower Upper

91 100

126 37.0 18.7 56.1

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#80

1,3,5-Trimethylbenzene

Concen: 52.097 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007390.D

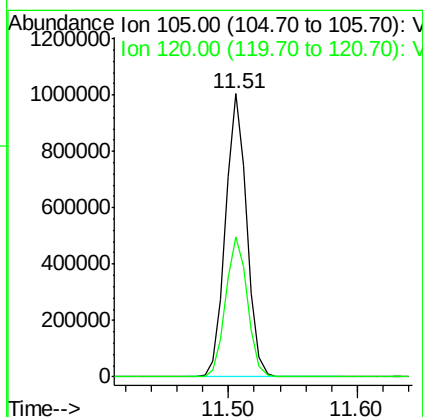
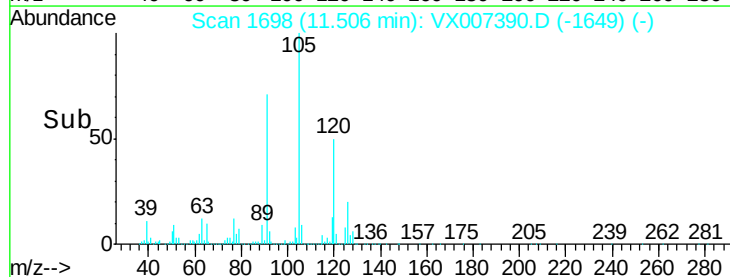
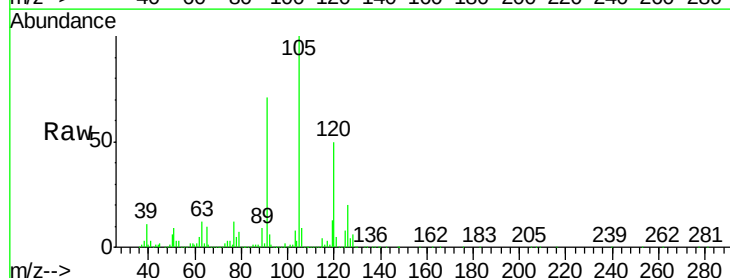
Acq: 06 Feb 2019 10:38

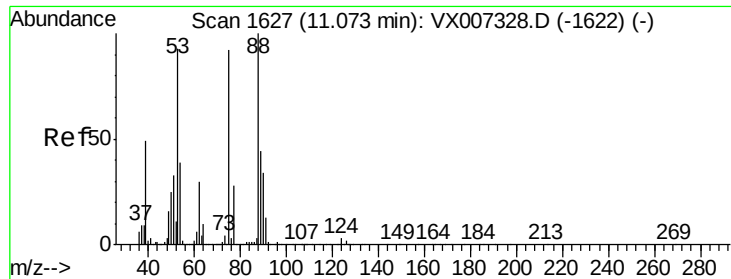
Tgt Ion: 105 Resp: 1167754

Ion Ratio Lower Upper

105 100

120 50.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.221 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

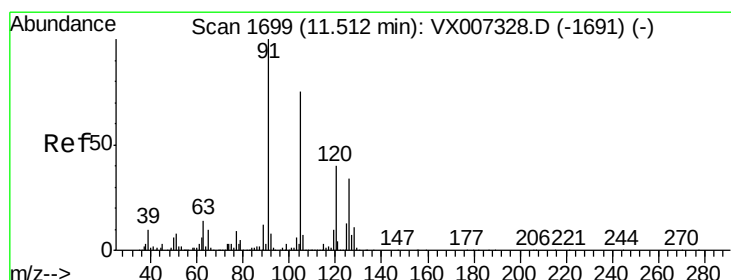
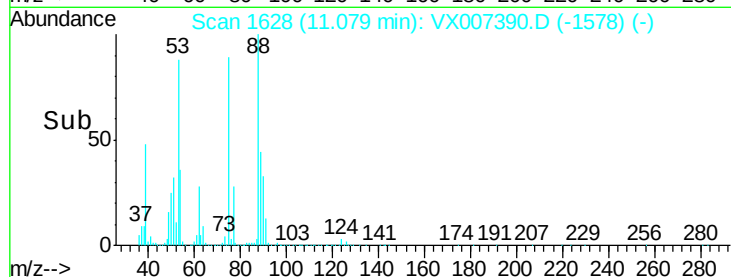
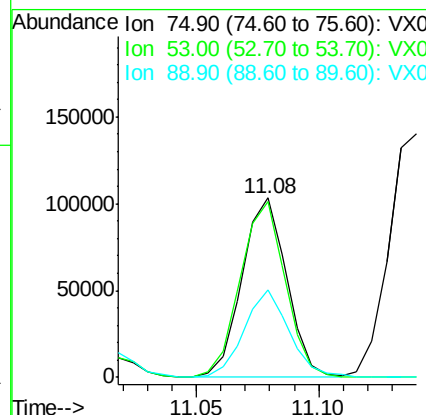
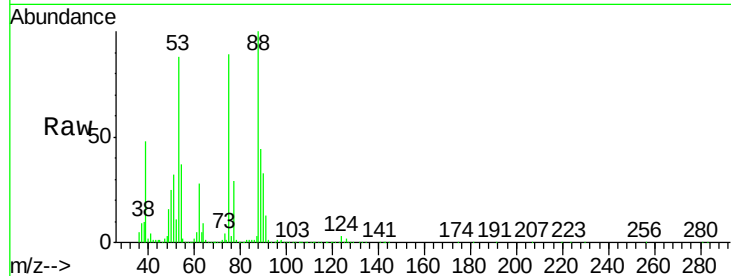
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	130244
Ion Ratio	Lower	Upper	
75	100		
53	99.4	81.0	121.6
89	50.0	41.4	62.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.046 ug/l

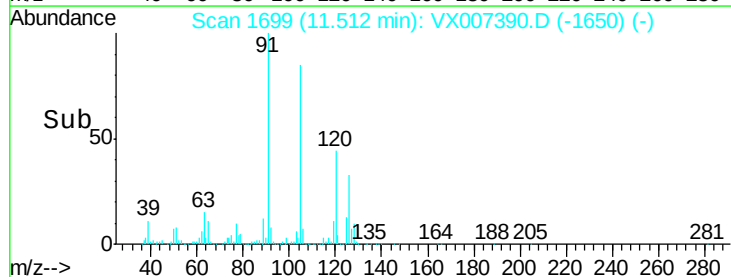
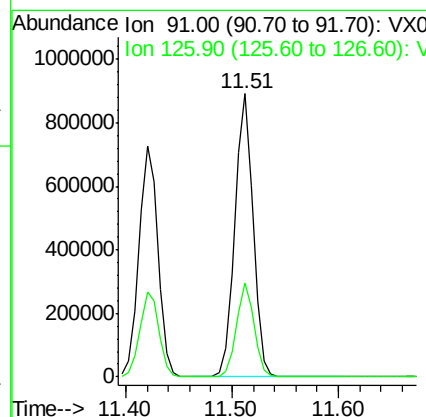
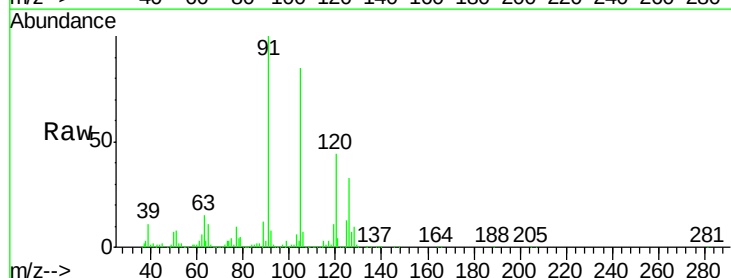
RT: 11.51 min Scan# 1699

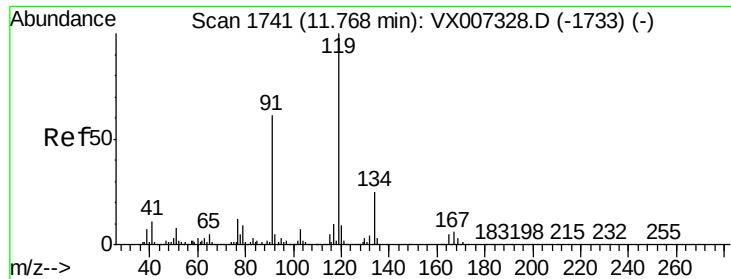
Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Tgt Ion:	91	Resp:	1076760
Ion Ratio	Lower	Upper	
91	100		
126	32.0	16.2	48.5





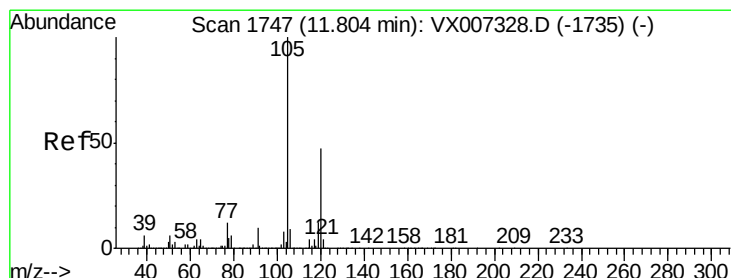
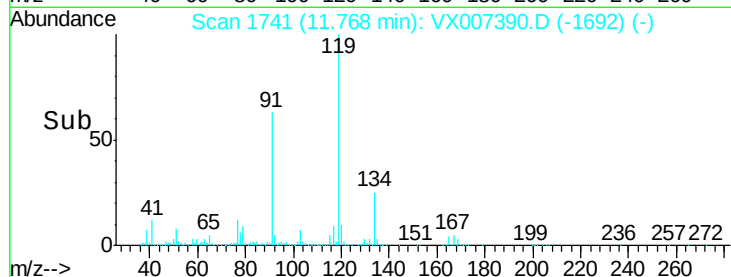
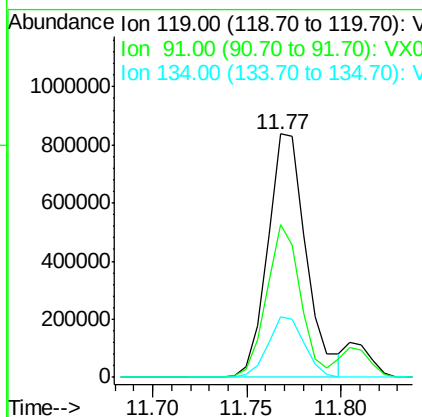
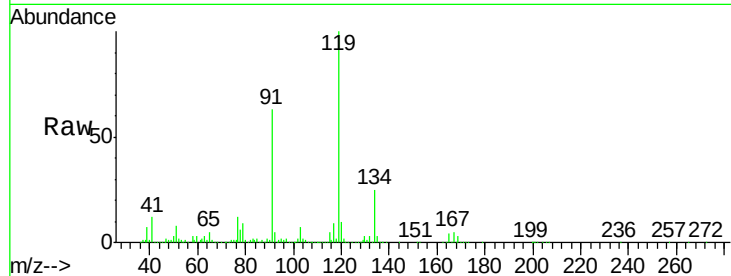
#83
 tert-Butylbenzene
 Concen: 53.451 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007390.D
 Acq: 06 Feb 2019 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.1	28.5	85.6
134	23.5	12.0	36.0

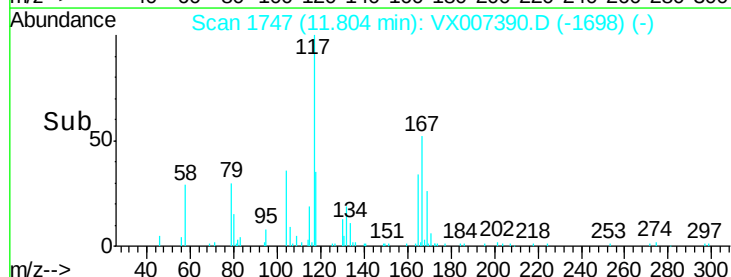
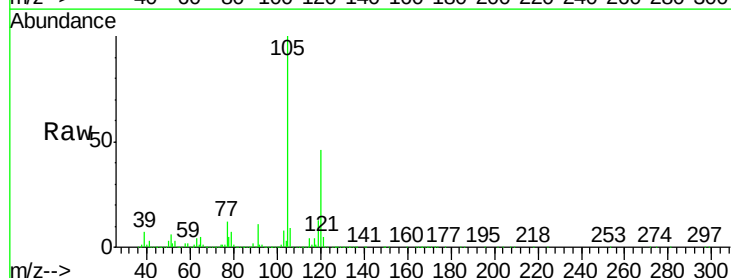
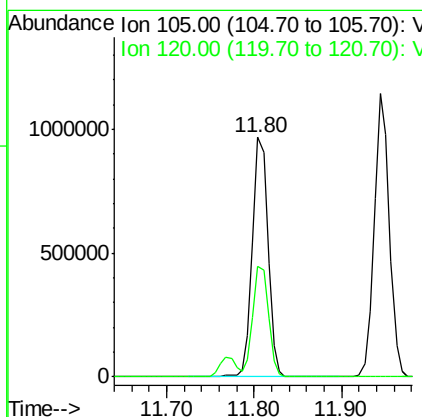
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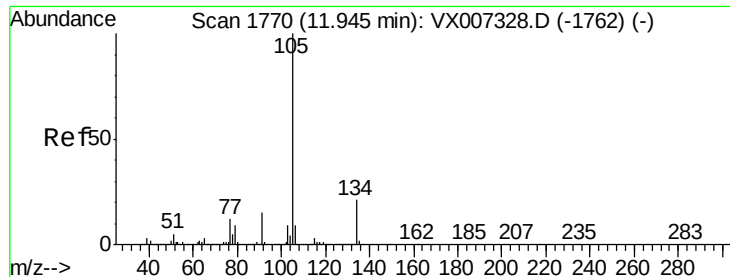
MMDadoda
 2/7/2019 9:52:49 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.245 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007390.D
 Acq: 06 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.3





#85

sec-Butylbenzene

Concen: 51.663 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1387647

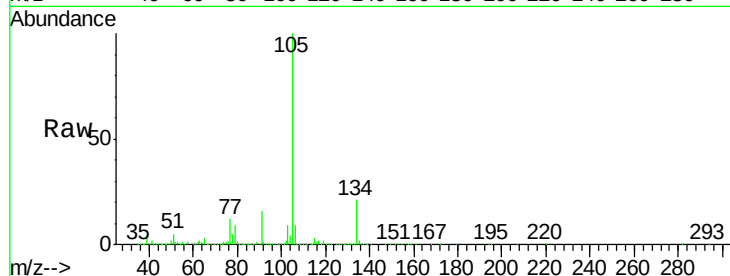
Ion Ratio Lower Upper

105 100

134 21.6 10.6 31.8

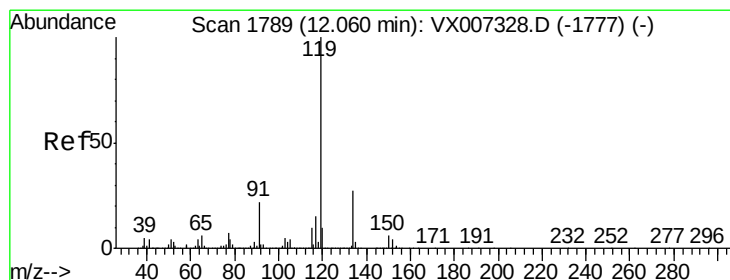
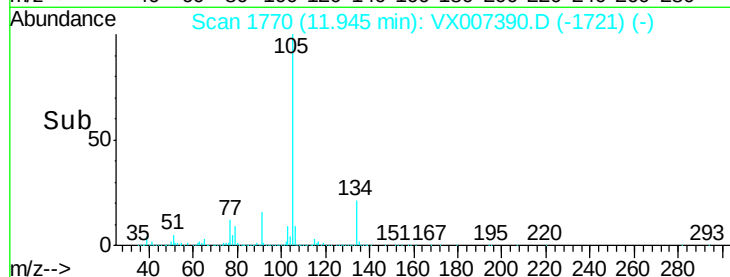
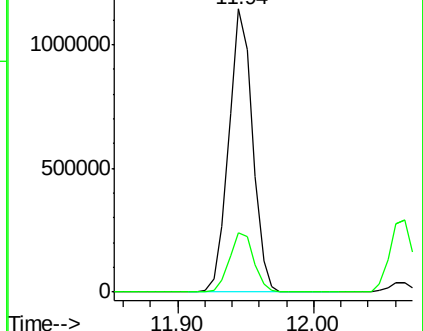
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.747 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

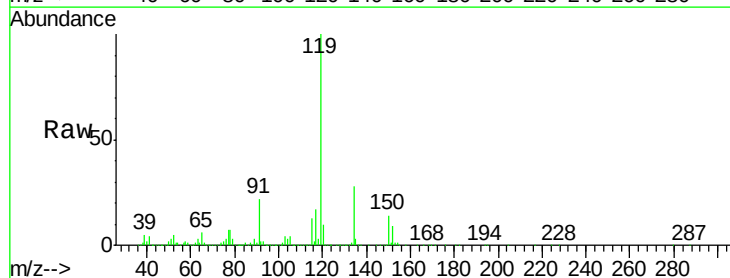
Tgt Ion:119 Resp: 1278908

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.1

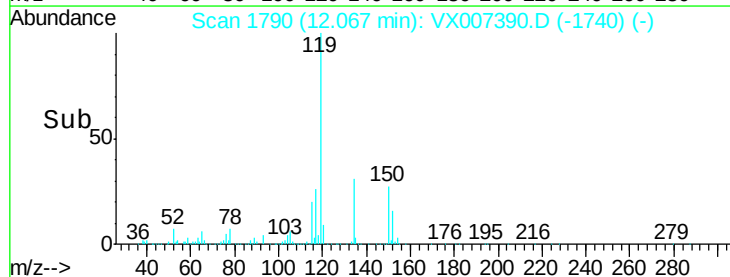
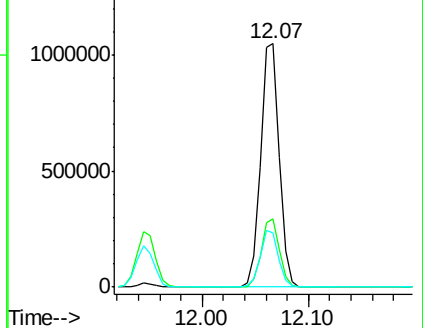
91 22.8 11.2 33.5

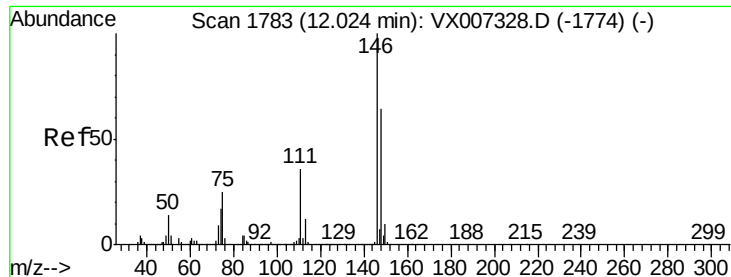


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





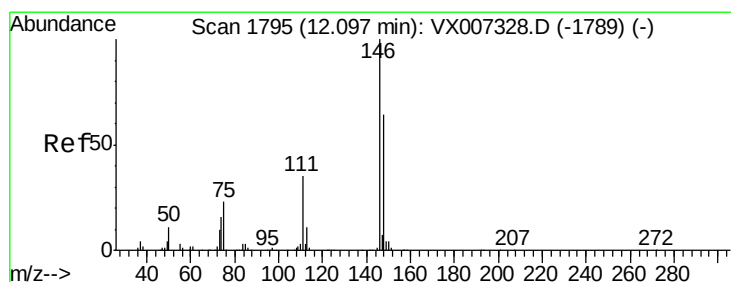
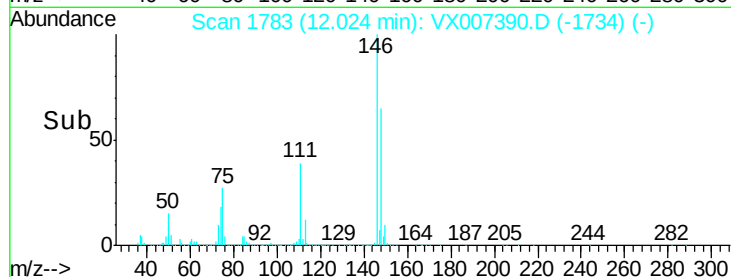
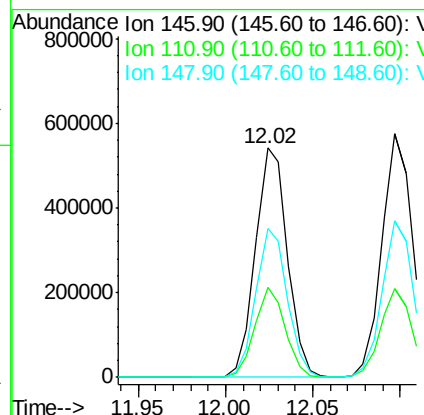
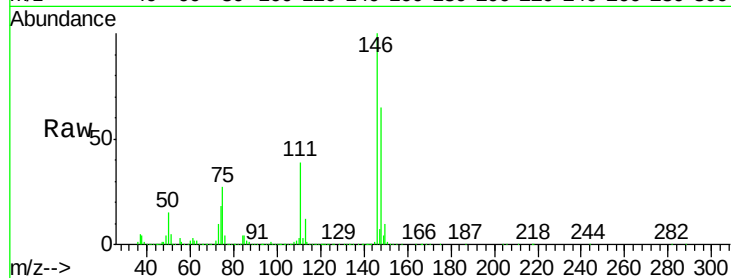
#87
 1,3-Dichlorobenzene
 Concen: 49.677 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007390.D
 Acq: 06 Feb 2019 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	688233		
111	37.5	18.1	54.1	
148	64.1	32.0	96.2	

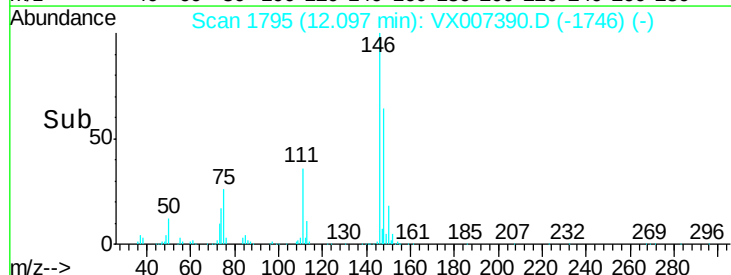
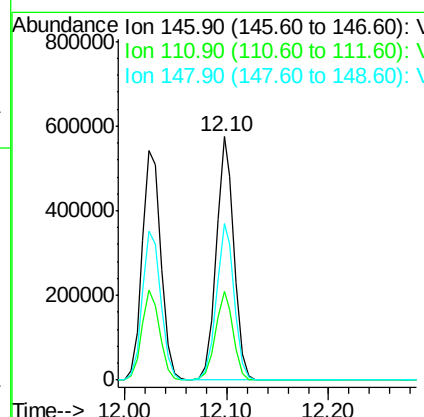
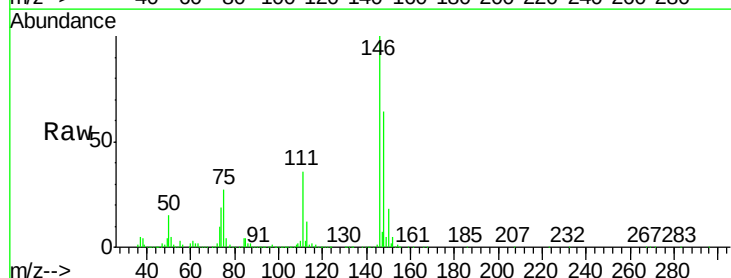
Manual Integrations
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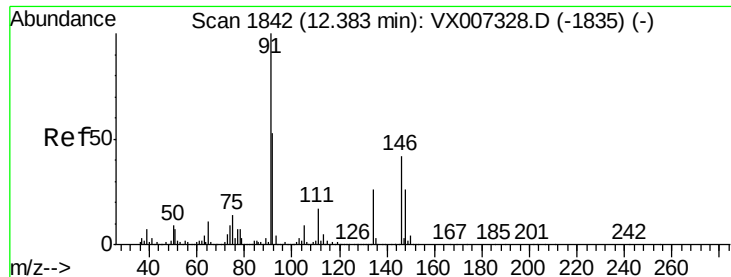
MMDadoda
 2/7/2019 9:52:49 AM



#88
 1,4-Dichlorobenzene
 Concen: 49.923 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007390.D
 Acq: 06 Feb 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	701701		
111	36.7	18.1	54.1	
148	64.5	32.3	96.9	





#89

n-Butylbenzene

Concen: 51.586 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1075947

Ion Ratio Lower Upper

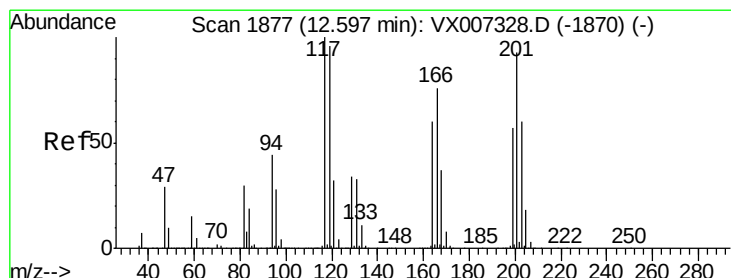
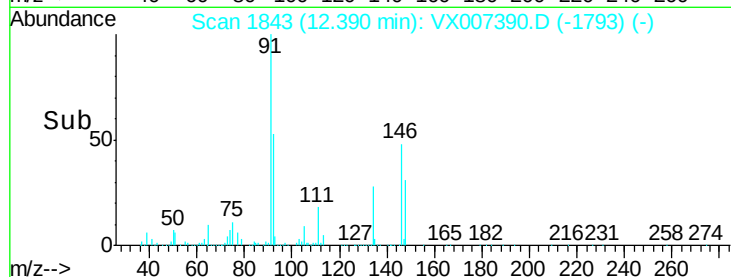
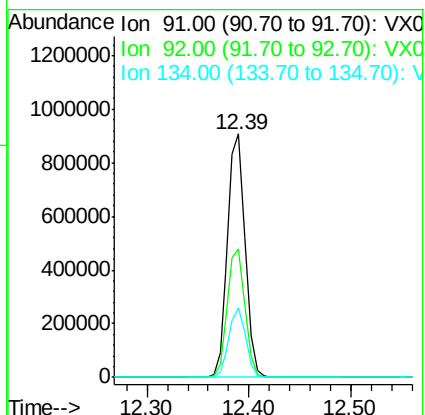
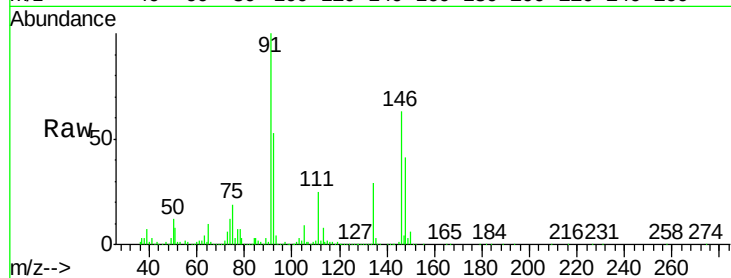
91 100

92 53.1 26.3 78.9

134 27.8 13.9 41.6

Manual Integrations
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2/7/2019 9:52:49 AM



#90

Hexachloroethane

Concen: 54.777 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007390.D

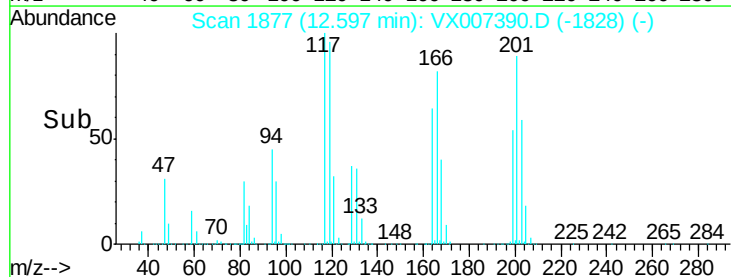
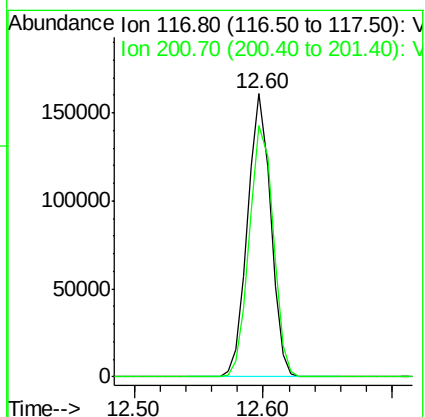
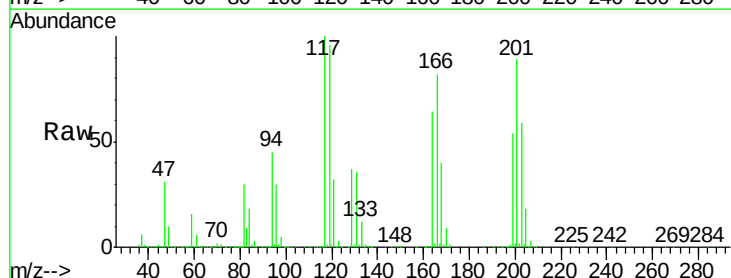
Acq: 06 Feb 2019 10:38

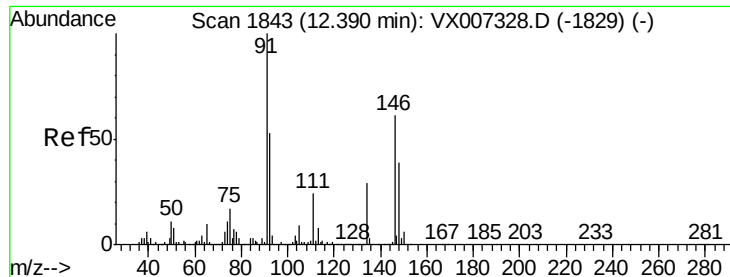
Tgt Ion: 117 Resp: 198771

Ion Ratio Lower Upper

117 100

201 91.7 44.9 134.7





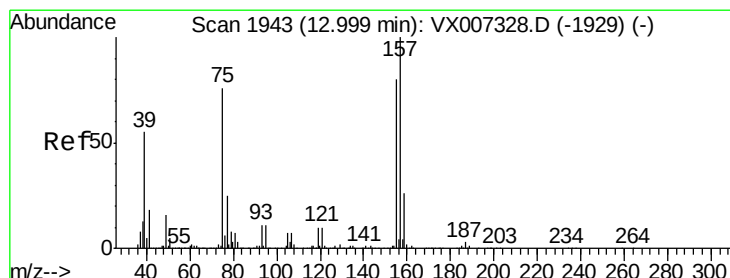
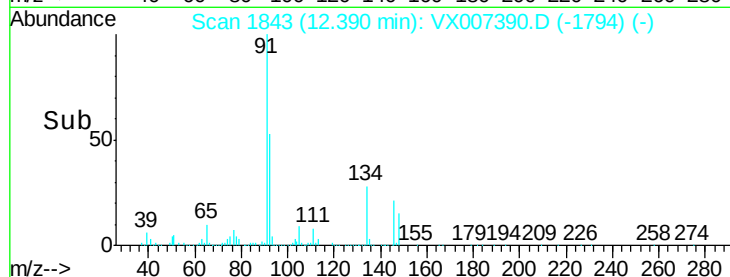
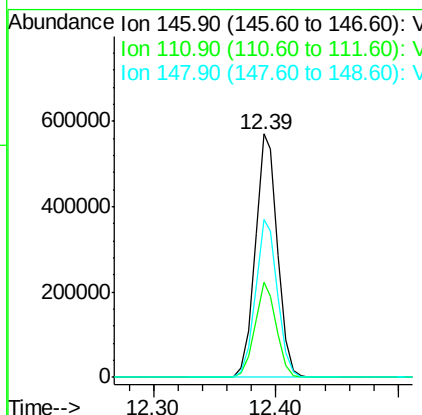
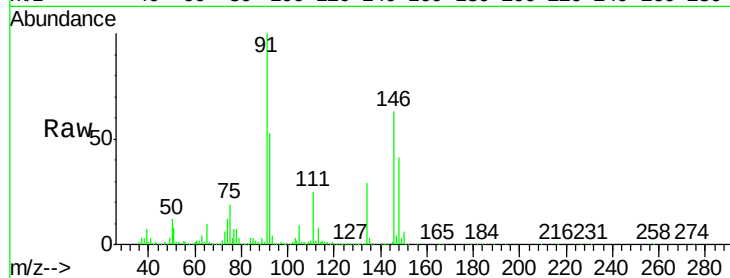
#91
 1,2-Dichlorobenzene
 Concen: 52.208 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007390.D
 Acq: 06 Feb 2019 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.3
148	64.5	32.1	96.3

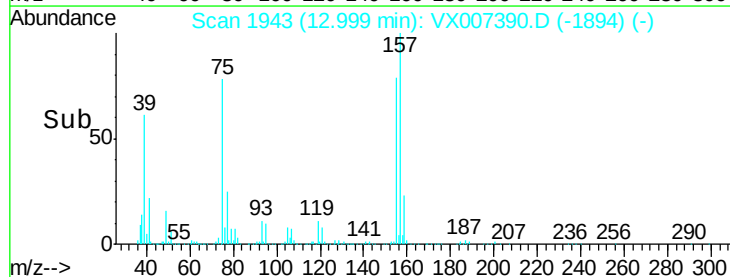
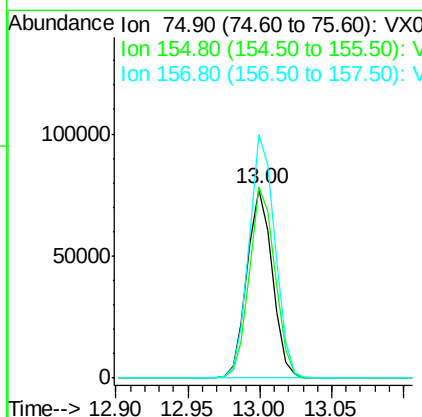
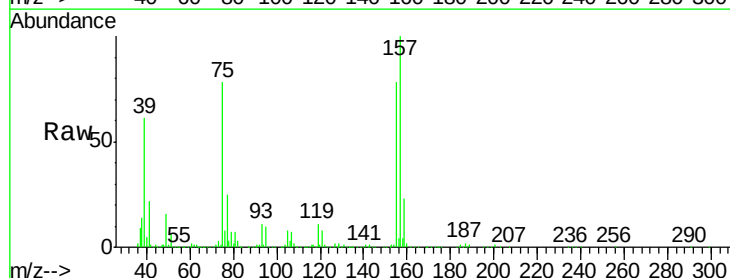
Manual Integrations
 APPROVED

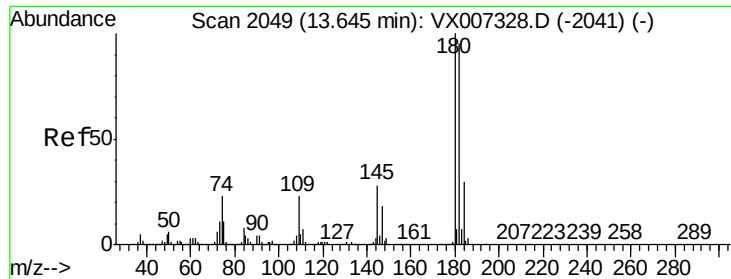
MMDadoda
 2/7/2019 9:52:49 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.358 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007390.D
 Acq: 06 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.4	49.6	149.0
157	131.0	65.1	195.3





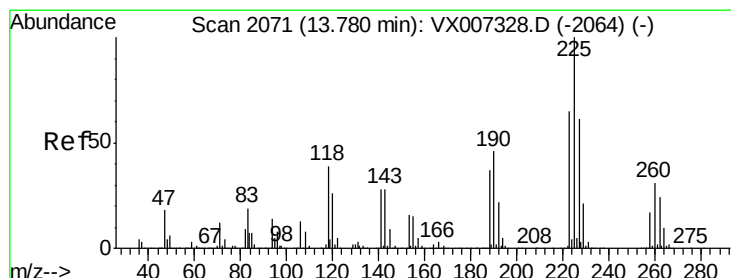
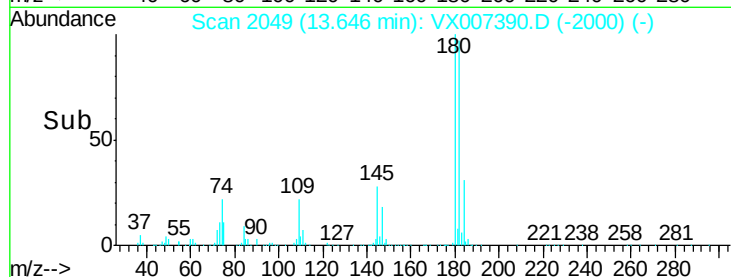
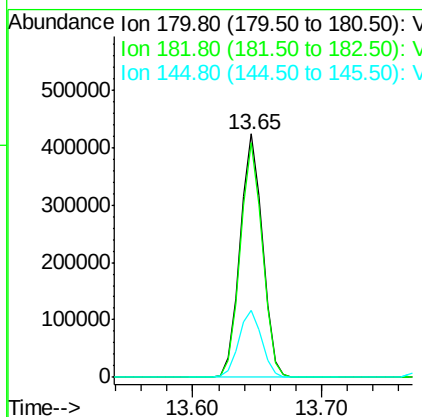
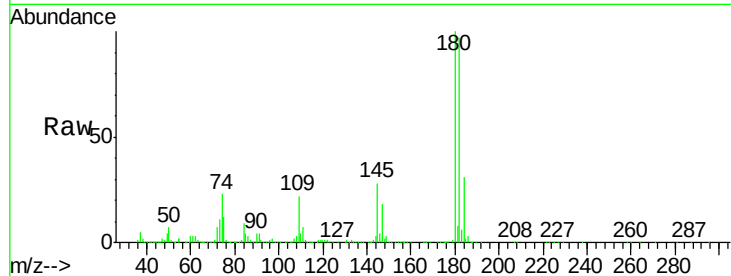
#93
1,2,4-Trichlorobenzene
Concen: 54.706 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	508666		
182	95.4	47.8	143.3	
145	28.1	14.1	42.2	

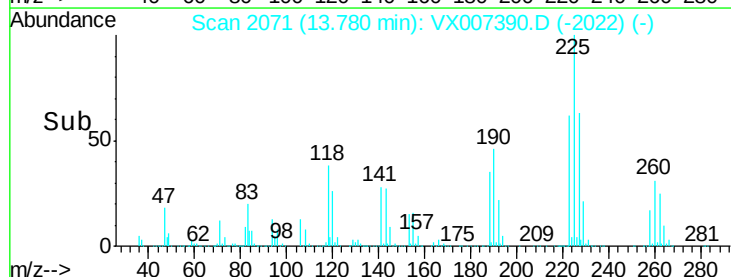
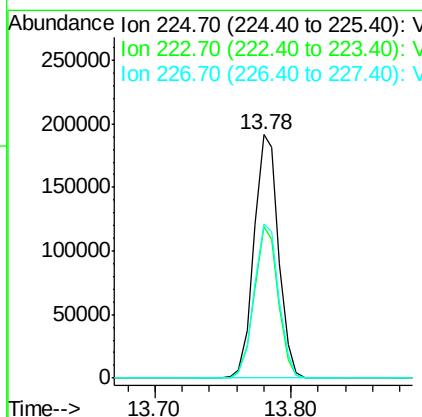
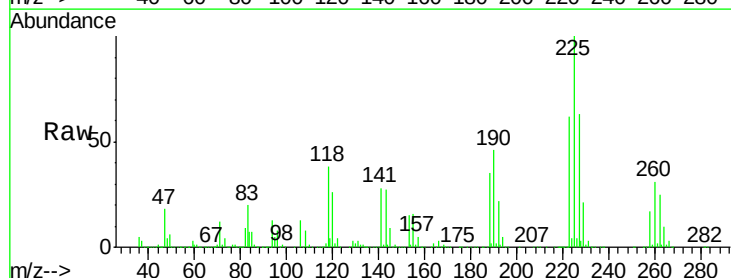
Manual Integrations
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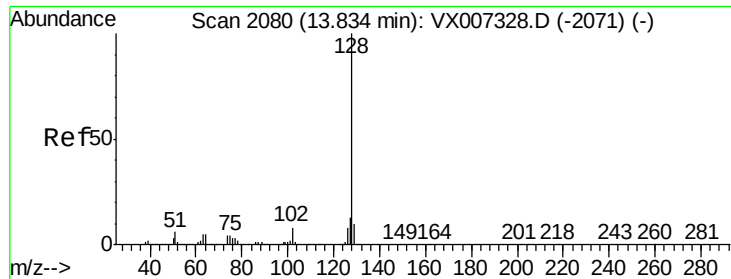
MMDadoda
2/7/2019 9:52:49 AM



#94
Hexachlorobutadiene
Concen: 53.540 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	241730		
223	61.1	31.6	94.8	
227	63.8	32.1	96.3	





#95

Naphthalene

Concen: 56.052 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1524098

Ion Ratio Lower Upper

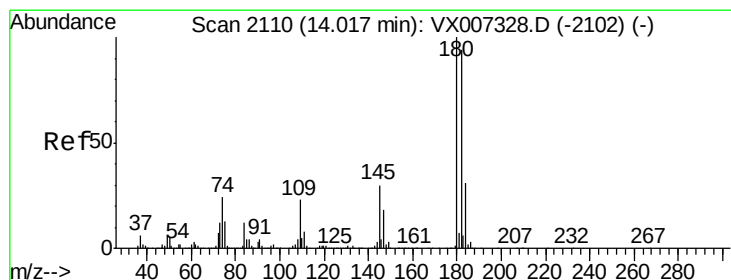
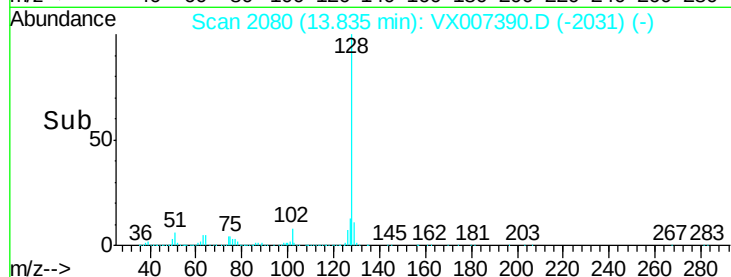
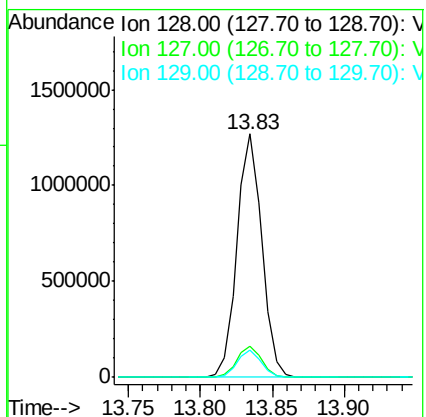
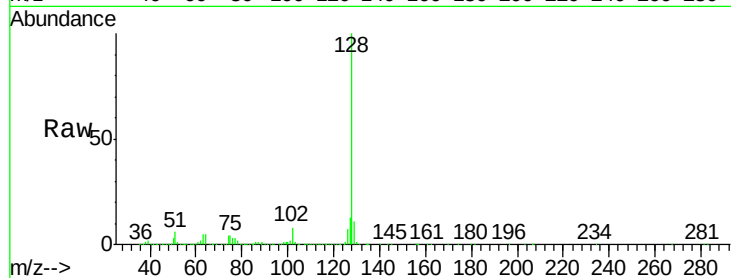
128 100

127 12.8 10.5 15.7

129 10.9 8.7 13.1

Manual Integrations
APPROVED

MMDadoda
2/7/2019 9:52:49 AM



#96

1,2,3-Trichlorobenzene

Concen: 54.689 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Tgt Ion:180 Resp: 511856

Ion Ratio Lower Upper

180 100

182 95.9 47.5 142.6

145 30.3 14.9 44.5

