

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020419\
 Data File : VX007350.D
 Acq On : 04 Feb 2019 10:47
 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
 2/5/2019 9:52:34 AM

Quant Time: Feb 05 00:02:55 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	496897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	707756	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	666301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	359200	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	254826	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
35) Dibromofluoromethane	5.50	113	230917	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	8.71	98	877168	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.13	95	322773	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	312528	51.179	ug/l	98
3) Chloromethane	1.33	50	273954	48.948	ug/l	100
4) Vinyl Chloride	1.41	62	278294	50.685	ug/l	99
5) Bromomethane	1.64	94	270809	49.880	ug/l	97
6) Chloroethane	1.72	64	166458	46.865	ug/l	99
7) Trichlorofluoromethane	1.93	101	418837	48.763	ug/l	99
8) Diethyl Ether	2.19	74	149060	46.108	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	248683	48.674	ug/l	99
10) Methyl Iodide	2.51	142	369288	49.134	ug/l	99
11) Tert butyl alcohol	3.07	59	243697	223.270	ug/l	98
12) 1,1-Dichloroethene	2.37	96	220429	46.461	ug/l	97
13) Acrolein	2.29	56	163070	318.602	ug/l	98
14) Allyl chloride	2.73	41	378799	49.001	ug/l	99
15) Acrylonitrile	3.15	53	643591	238.356	ug/l	99
16) Acetone	2.45	43	603447	249.776	ug/l	99
17) Carbon Disulfide	2.57	76	602508	48.626	ug/l	99
18) Methyl Acetate	2.78	43	315688	50.149	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	722352	46.996	ug/l	100
20) Methylene Chloride	2.85	84	244649	49.573	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	235416	46.581	ug/l	99
22) Diisopropyl ether	3.87	45	681867	47.953	ug/l	97
23) Vinyl Acetate	3.82	43	2958997	250.770	ug/l	100
24) 1,1-Dichloroethane	3.70	63	408926	50.077	ug/l	99
25) 2-Butanone	4.70	43	829955	241.393	ug/l	99
26) 2,2-Dichloropropane	4.58	77	308536	49.613	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	251664	45.590	ug/l	99
28) Bromochloromethane	5.02	49	188141	50.101	ug/l	98
29) Tetrahydrofuran	5.15	42	534662	247.255	ug/l	99
30) Chloroform	5.21	83	401820	47.156	ug/l	97
31) Cyclohexane	5.57	56	359003	48.950	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	356658	49.587	ug/l	99
36) 1,1-Dichloropropene	5.80	75	304411	47.937	ug/l	100
37) Ethyl Acetate	4.85	43	310003	48.292	ug/l	98
38) Carbon Tetrachloride	5.79	117	323648	52.534	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	397393	51.723	ug/l	97
40) Benzene	6.14	78	904412	48.349	ug/l	99
41) Methacrylonitrile	5.06	41	176735	51.370	ug/l	98
42) 1,2-Dichloroethane	6.20	62	308971	47.738	ug/l	99
43) Isopropyl Acetate	6.46	43	502523	50.717	ug/l	99
44) Trichloroethene	7.21	130	270836	48.073	ug/l	97
45) 1,2-Dichloropropane	7.51	63	228527	48.759	ug/l	99
46) Dibromomethane	7.66	93	162883	47.817	ug/l	99
47) Bromodichloromethane	7.90	83	296485	51.356	ug/l	98
48) Methyl methacrylate	7.77	41	260933	52.649	ug/l	99
49) 1,4-Dioxane	7.75	88	100678	893.974	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1658389	254.249	ug/l	100
52) Toluene	8.78	92	599477	49.671	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	336266	54.226	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	363862	53.357	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	242737	48.250	ug/l	98
56) Ethyl methacrylate	9.18	69	354863	50.929	ug/l	99
57) 1,3-Dichloropropane	9.37	76	391106	48.885	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	966356	263.127	ug/l	99
59) 2-Hexanone	9.49	43	1267342	249.686	ug/l	100
60) Dibromochloromethane	9.59	129	262380	55.145	ug/l	98
61) 1,2-Dibromoethane	9.67	107	265962	49.921	ug/l	100
64) Tetrachloroethene	9.34	164	299210	47.644	ug/l	99
65) Chlorobenzene	10.14	112	689864	47.446	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	252654	51.828	ug/l	99
67) Ethyl Benzene	10.25	91	1160334	49.555	ug/l	100
68) m/p-Xylenes	10.36	106	920538	98.901	ug/l	99
69) o-Xylene	10.69	106	443347	49.501	ug/l	99
70) Styrene	10.71	104	726811	50.038	ug/l	100
71) Bromoform	10.86	173	203755	47.844	ug/l	99
73) Isopropylbenzene	11.02	105	1201385	49.218	ug/l	99
74) N-amyl acetate	10.90	43	462428	48.979	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	351899	47.304	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	345416m	49.438	ug/l	
77) Bromobenzene	11.26	156	322475	46.888	ug/l	99
78) n-propylbenzene	11.36	91	1370688	51.209	ug/l	100
79) 2-Chlorotoluene	11.42	91	785451	48.361	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1001103	50.130	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	110285	48.891	ug/l	95
82) 4-Chlorotoluene	11.51	91	936262	49.820	ug/l	99
83) tert-Butylbenzene	11.77	119	974235	49.275	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1015649	50.096	ug/l	100
85) sec-Butylbenzene	11.94	105	1223105	51.112	ug/l	100
86) p-Isopropyltoluene	12.06	119	1111661	51.463	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	587650	47.611	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	581048	46.401	ug/l	100
89) n-Butylbenzene	12.39	91	952924	51.281	ug/l	99
90) Hexachloroethane	12.60	117	179825	55.623	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	575755	46.872	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	76582	49.510	ug/l	99

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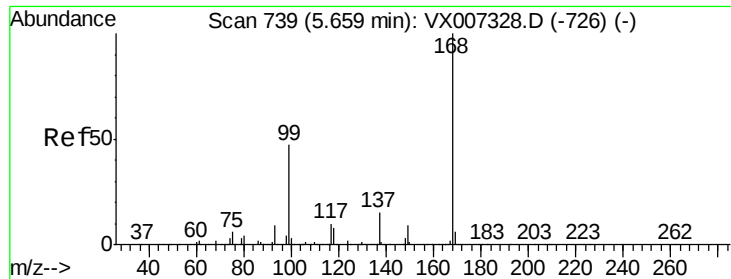
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	414101	49.989	ug/l	99
94) Hexachlorobutadiene	13.78	225	202385	50.314	ug/l	100
95) Naphthalene	13.83	128	1194064	49.291	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	402817	48.308	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: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 496897

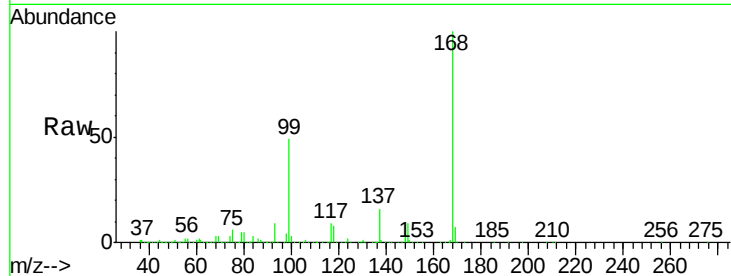
Ion Ratio Lower Upper

168 100

99 48.4 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

5.66

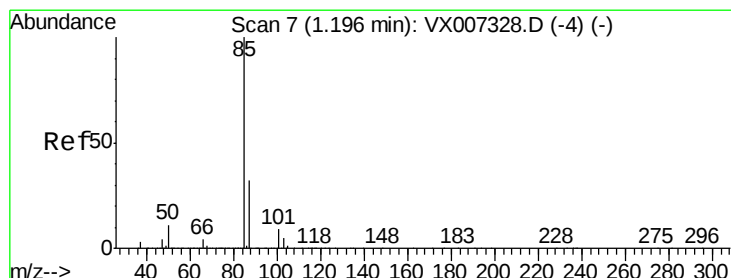
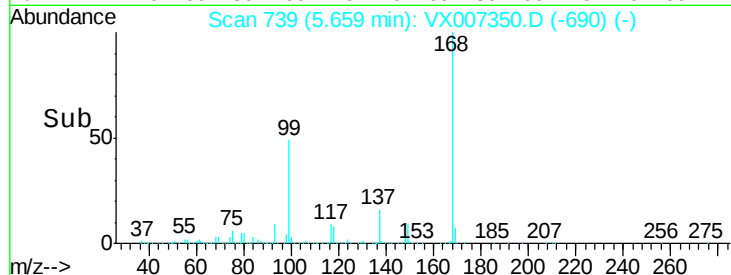
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.179 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007350.D

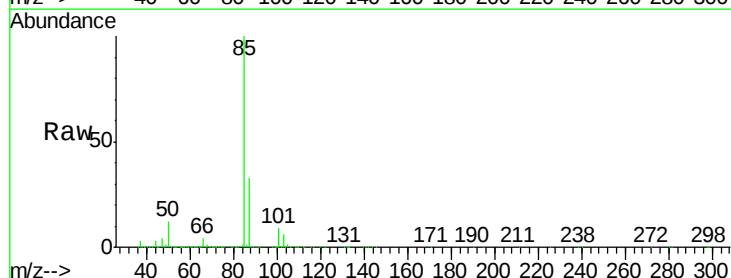
Acq: 04 Feb 2019 10:47

Tgt Ion: 85 Resp: 312528

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

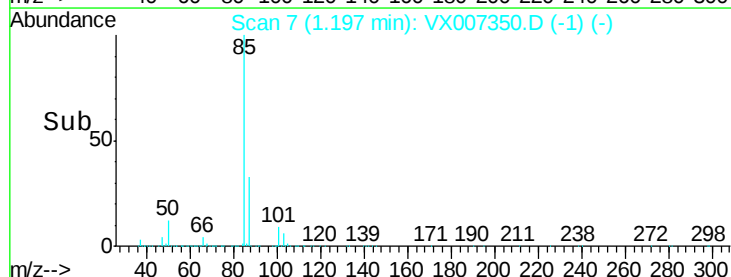
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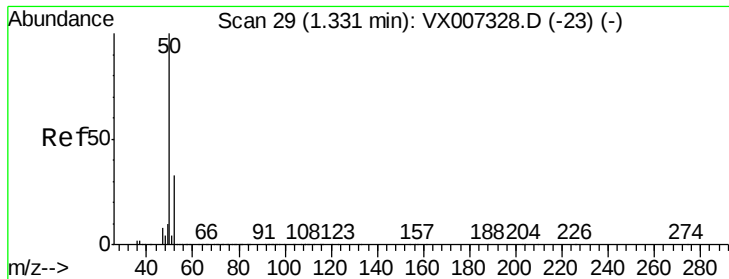
200000

100000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 48.948 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 273954

Ion Ratio Lower Upper

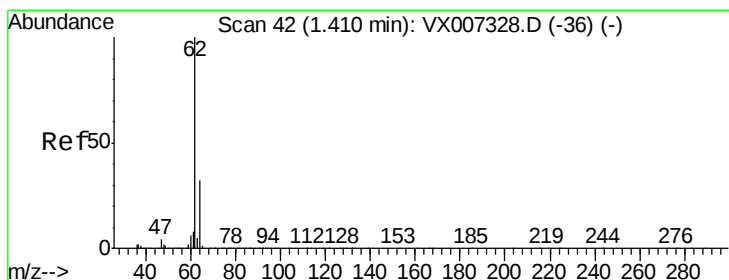
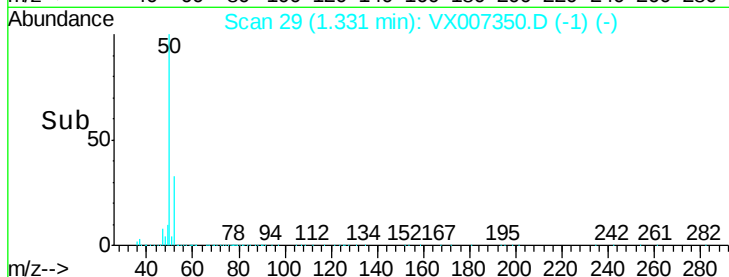
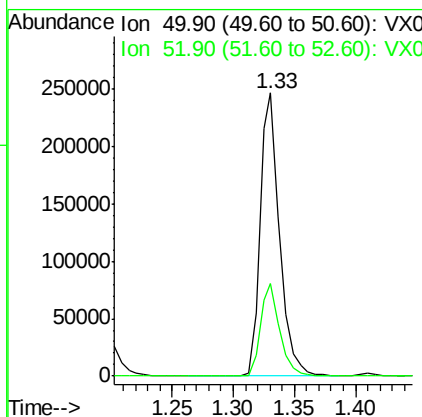
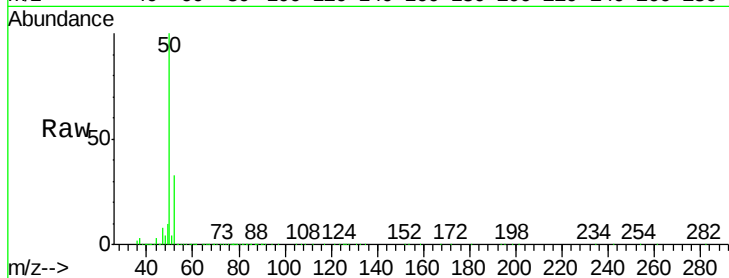
50 100

52 32.6 26.1 39.1

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#4

Vinyl Chloride

Concen: 50.685 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007350.D

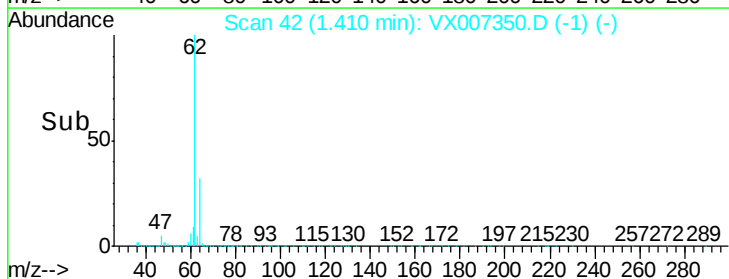
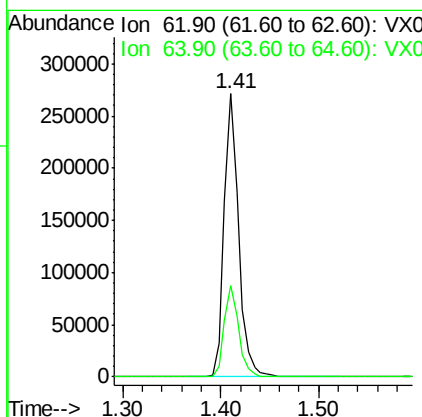
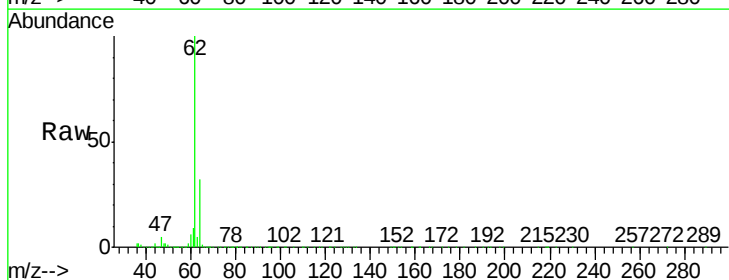
Acq: 04 Feb 2019 10:47

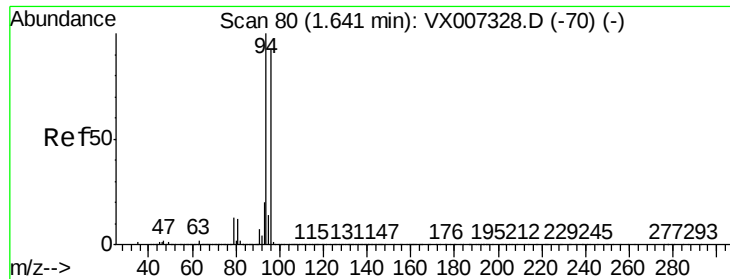
Tgt Ion: 62 Resp: 278294

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.0





#5

Bromomethane

Concen: 49.880 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 270809

Ion Ratio Lower Upper

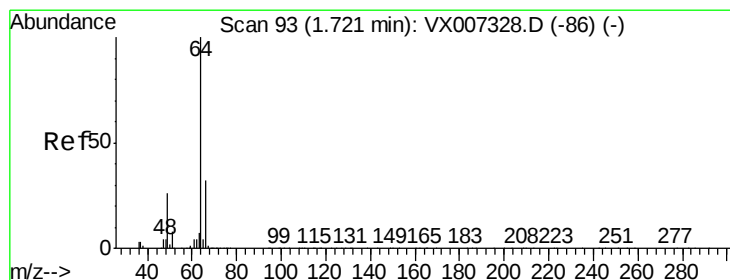
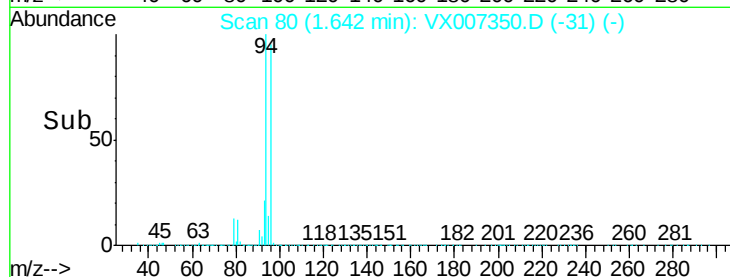
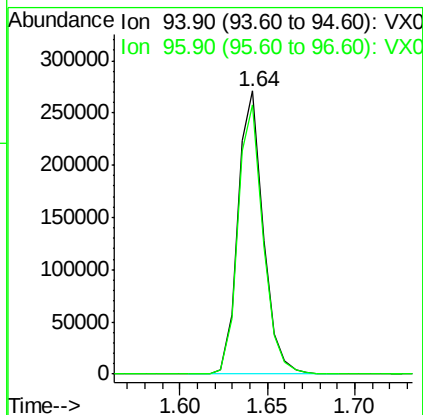
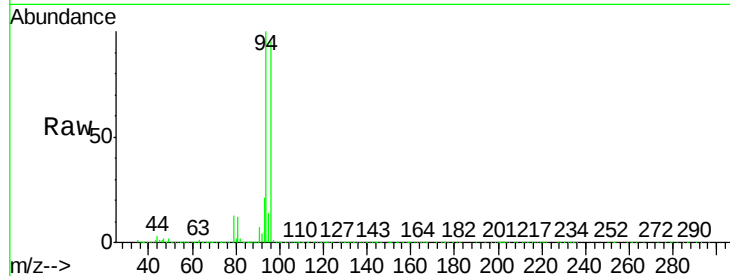
94 100

96 95.1 73.9 110.9

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#6

Chloroethane

Concen: 46.865 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX007350.D

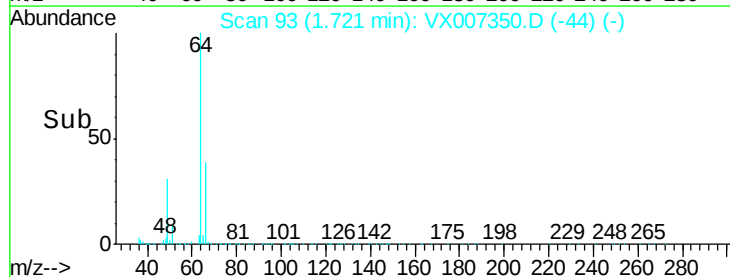
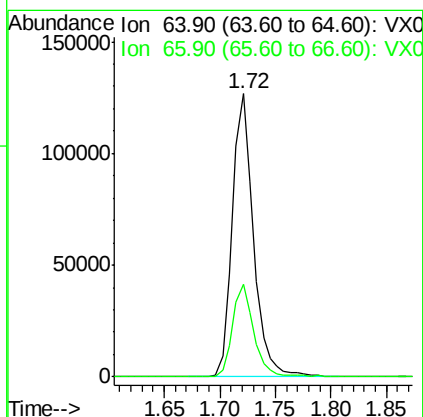
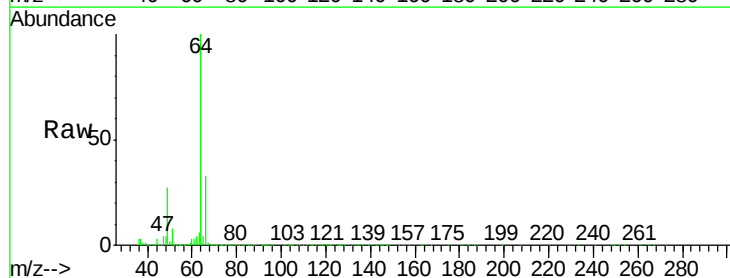
Acq: 04 Feb 2019 10:47

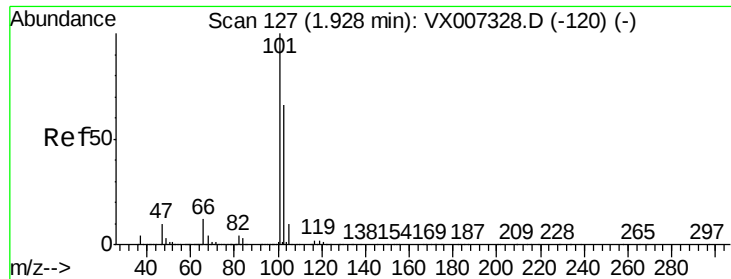
Tgt Ion: 64 Resp: 166458

Ion Ratio Lower Upper

64 100

66 32.7 25.5 38.3





#7

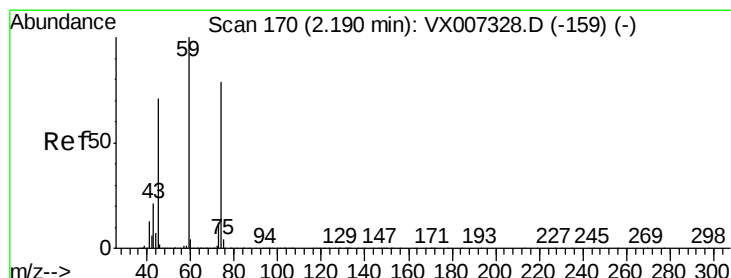
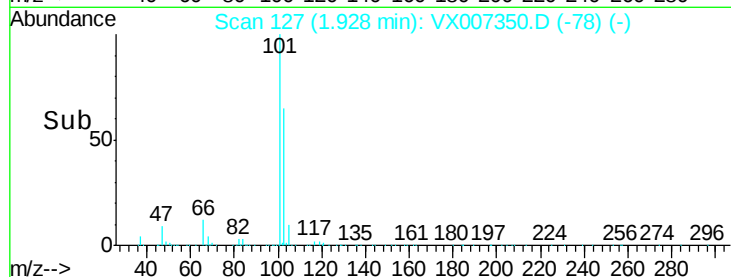
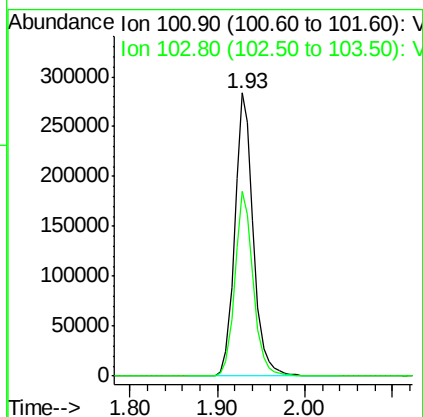
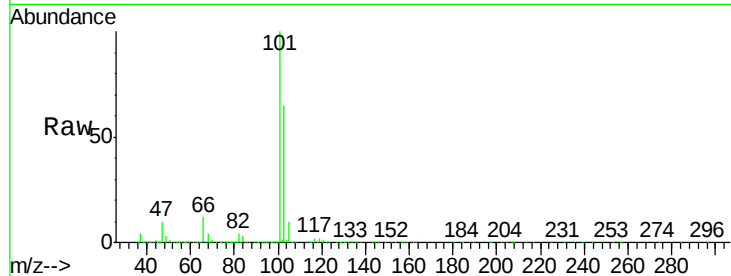
Trichlorofluoromethane
Concen: 48.763 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.6	79.0

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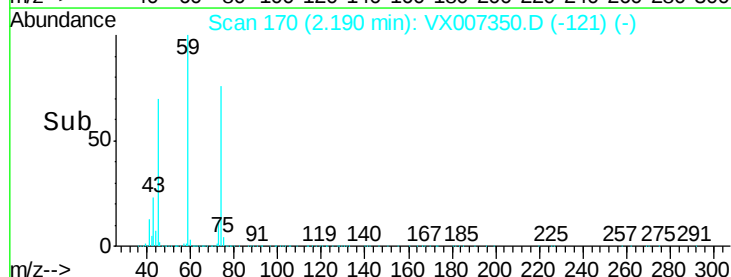
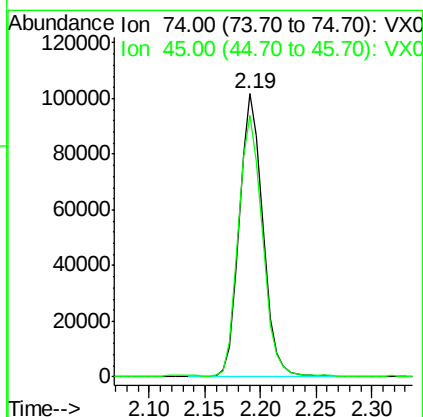
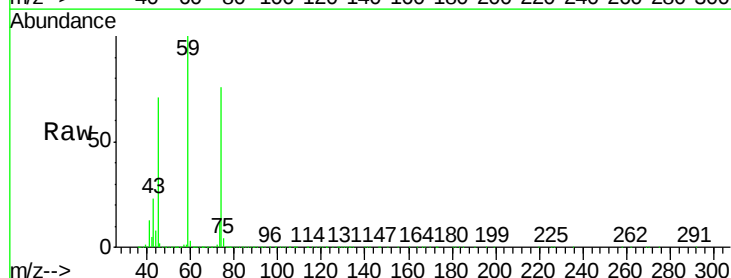
MMDadoda
2/5/2019 9:52:34 AM

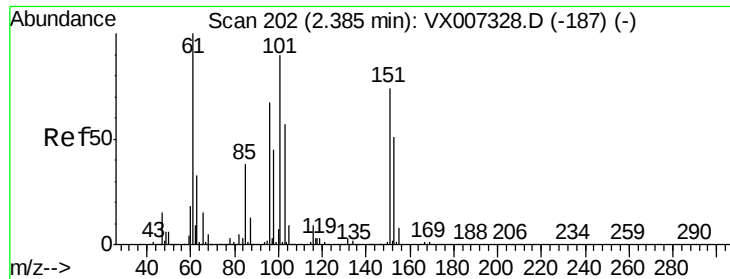


#8

Diethyl Ether
Concen: 46.108 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.7	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.674 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

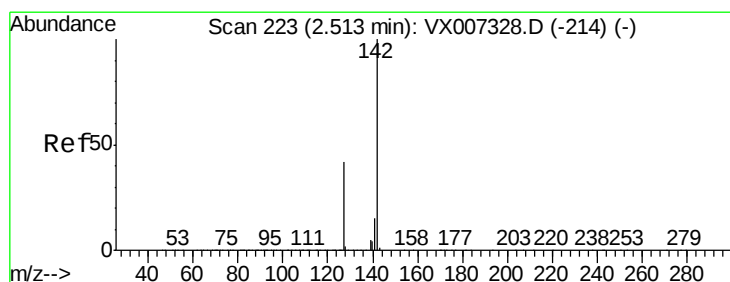
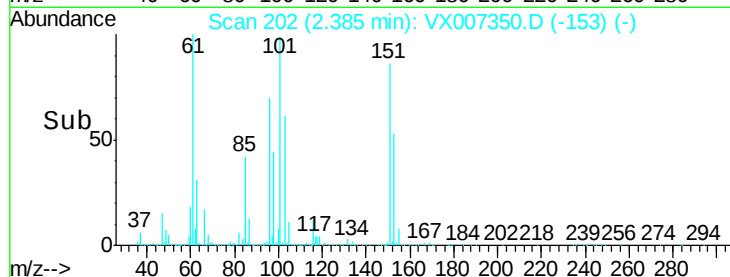
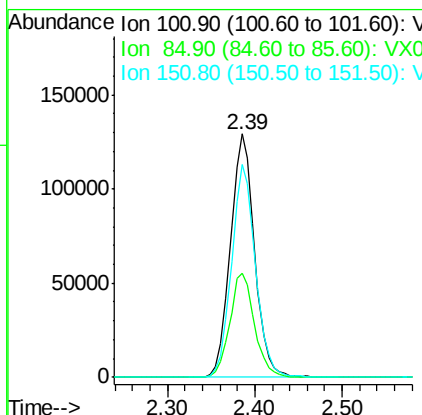
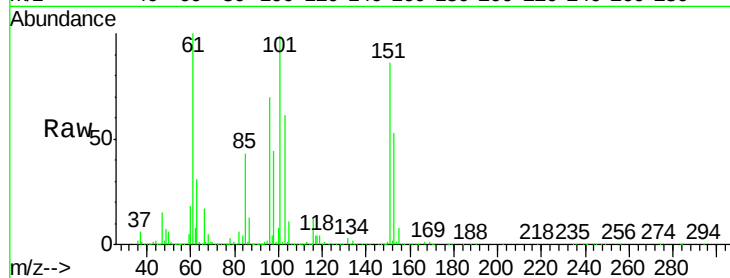
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	248683
Ion Ratio	Lower	Upper	
101	100		
85	43.8	34.1	51.1
151	86.5	69.9	104.9

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#10

Methyl Iodide

Concen: 49.134 ug/l

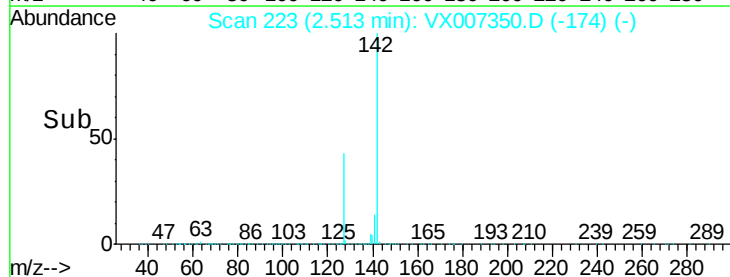
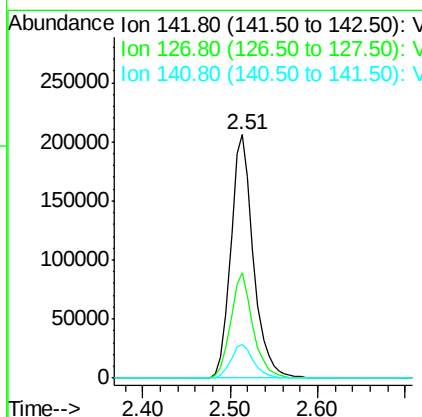
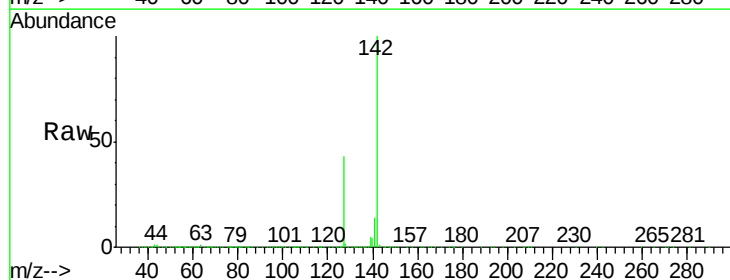
RT: 2.51 min Scan# 223

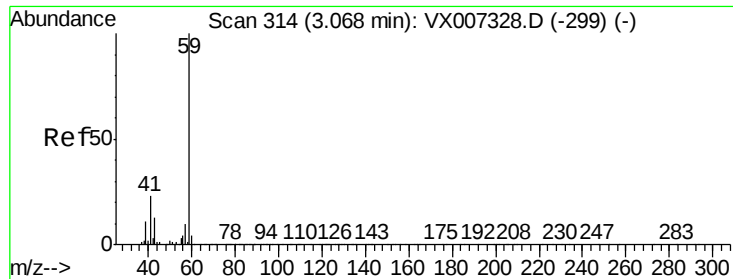
Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Tgt Ion:	142	Resp:	369288
Ion Ratio	Lower	Upper	
142	100		
127	42.8	33.7	50.5
141	14.3	11.3	16.9





#11

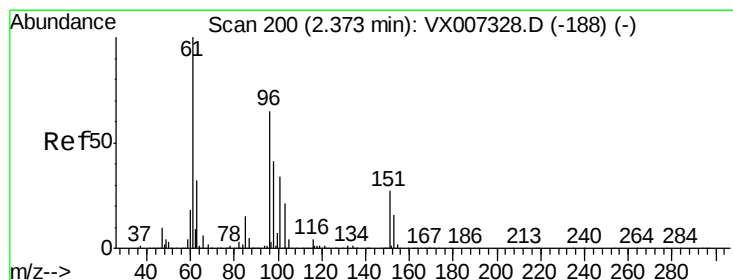
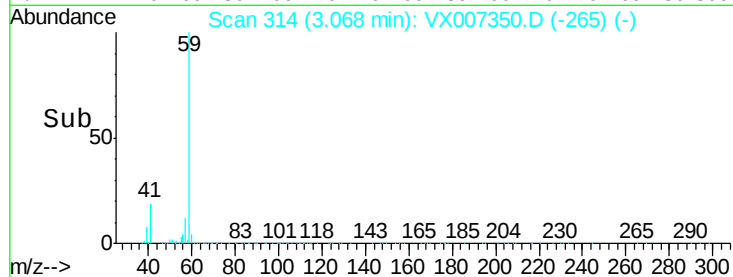
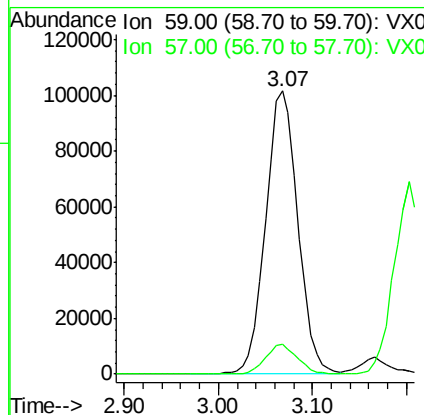
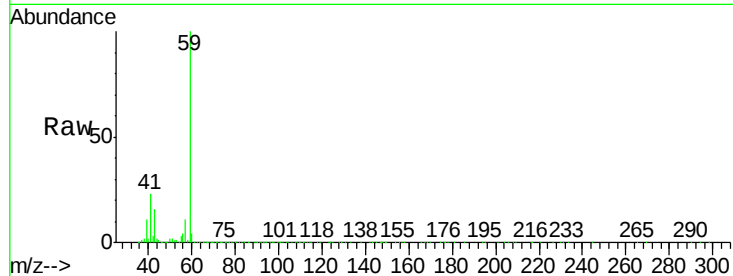
Tert butyl alcohol
Concen: 223.270 ug/l
RT: 3.07 min Scan# 314
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	243697
Ion Ratio	100	Lower	Upper
57	10.7	8.1	12.1

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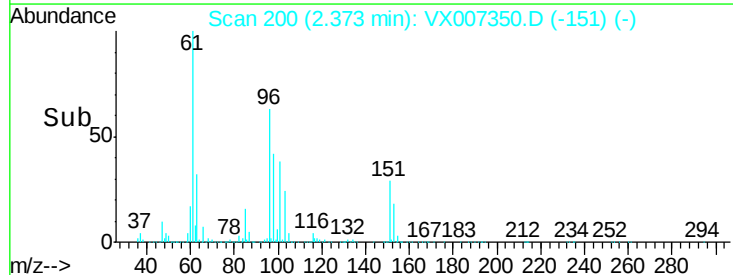
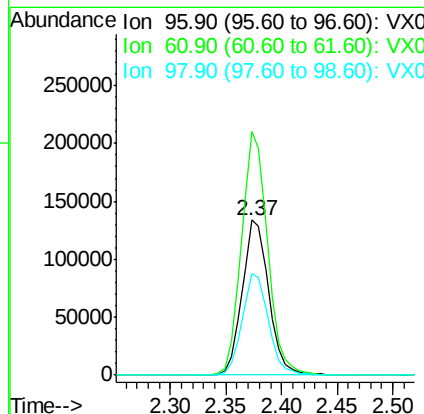
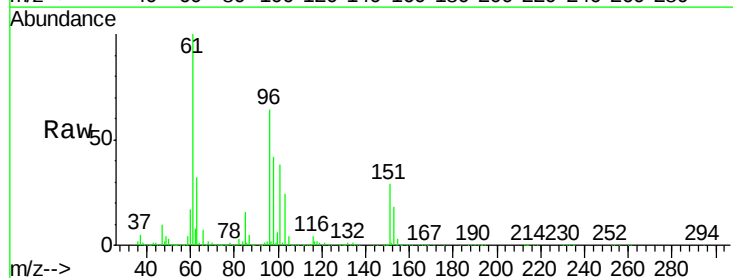
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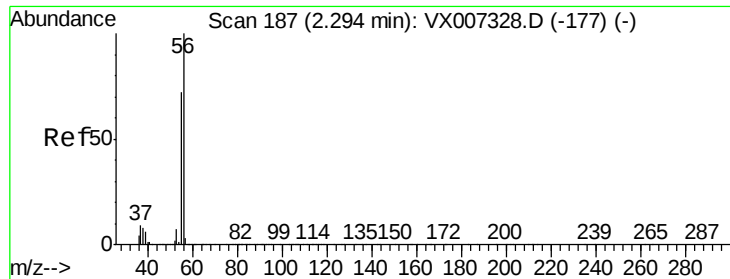


#12

1,1-Dichloroethene
Concen: 46.461 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Tgt Ion	96	Resp	220429
Ion Ratio	100	Lower	Upper
61	157.3	123.0	184.4
98	65.4	50.9	76.3





#13

Acrolein

Concen: 318.602 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 163070

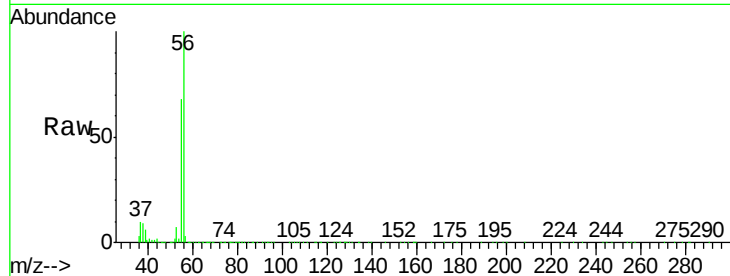
Ion Ratio Lower Upper

56 100

55 69.6 56.9 85.3

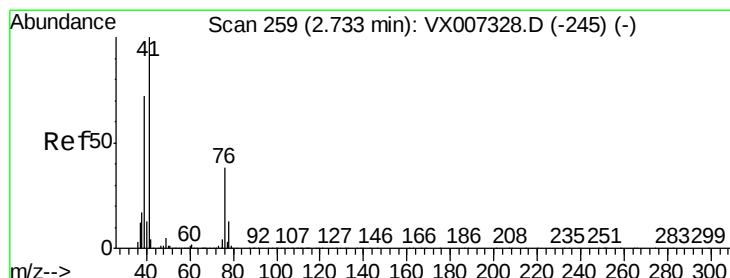
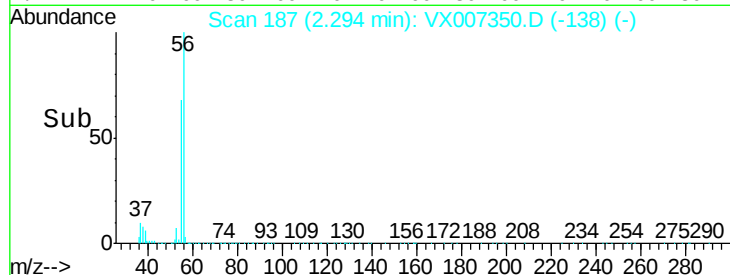
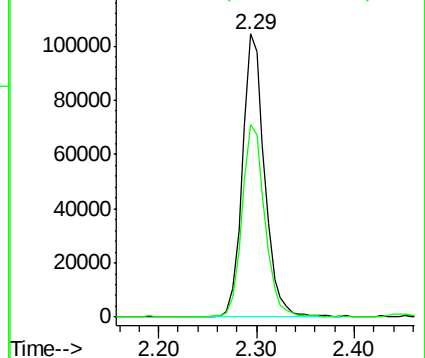
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.001 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

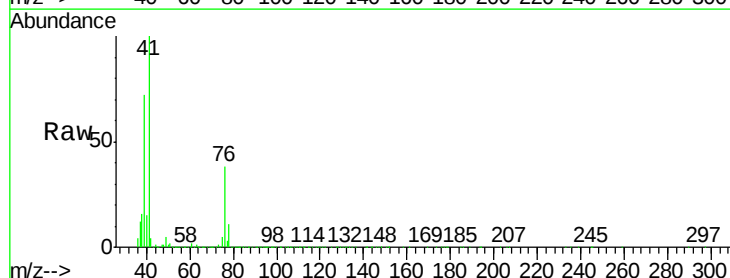
Tgt Ion: 41 Resp: 378799

Ion Ratio Lower Upper

41 100

39 68.9 54.1 81.1

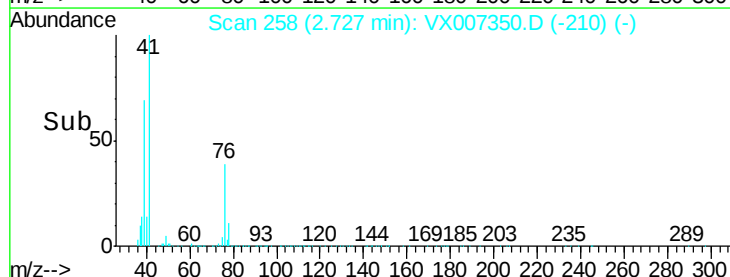
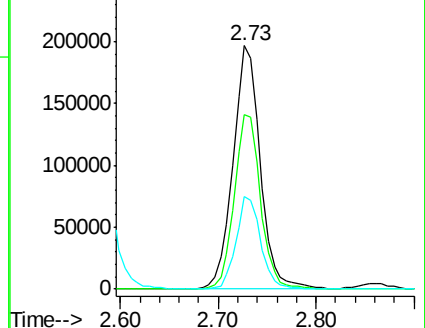
76 34.6 27.8 41.8

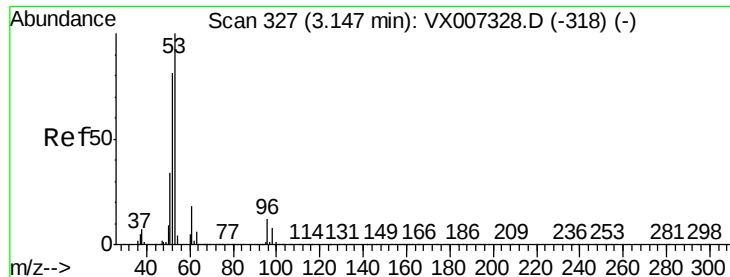


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 238.356 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

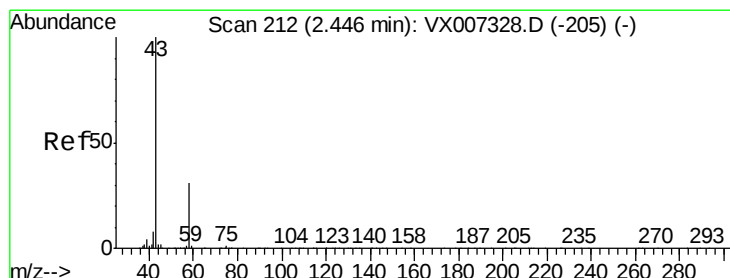
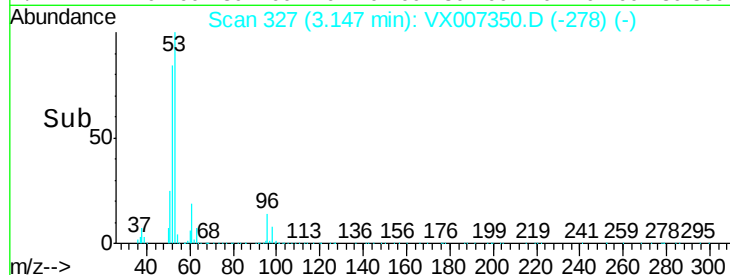
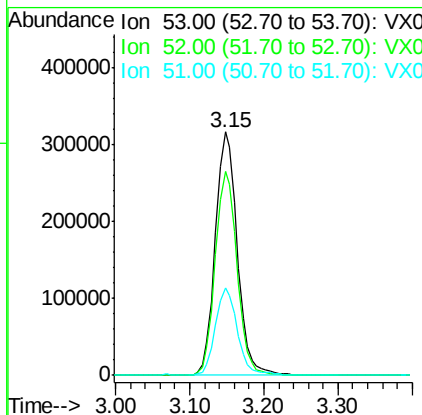
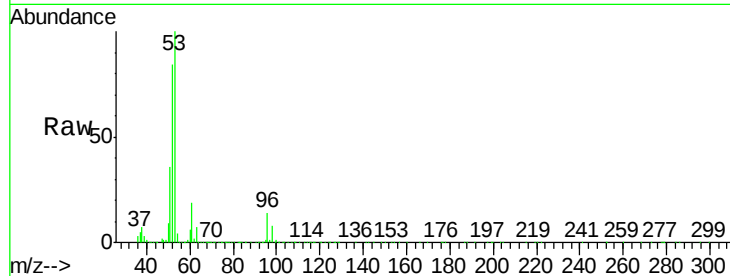
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	643591
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.4	99.6
51	36.2	28.4	42.6

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#16

Acetone

Concen: 249.776 ug/l

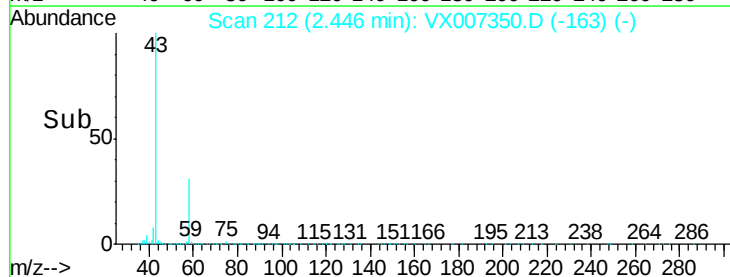
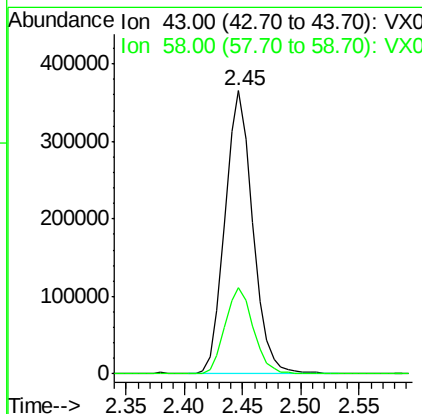
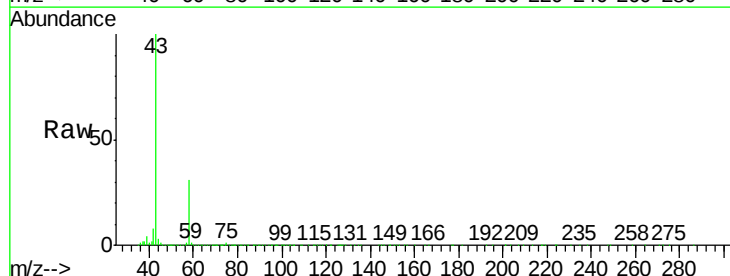
RT: 2.45 min Scan# 212

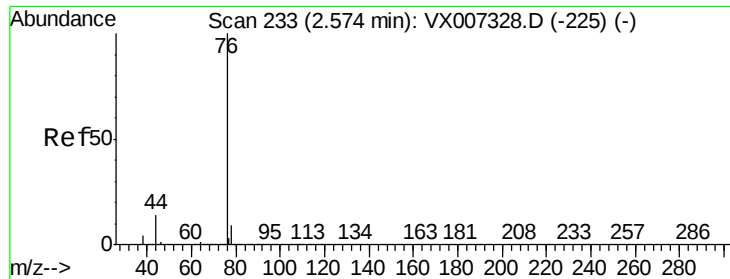
Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Tgt Ion:	43	Resp:	603447
Ion Ratio		Lower	Upper
43	100		
58	30.7	24.9	37.3





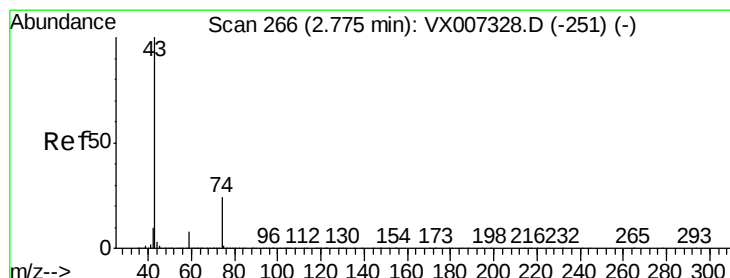
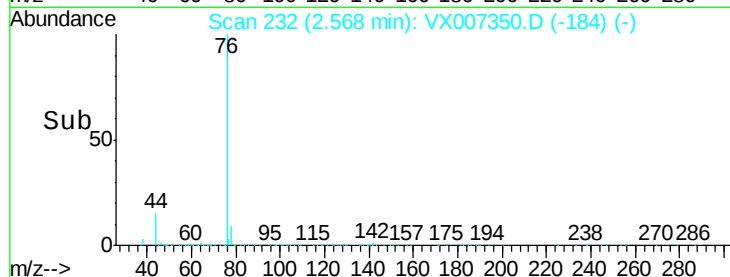
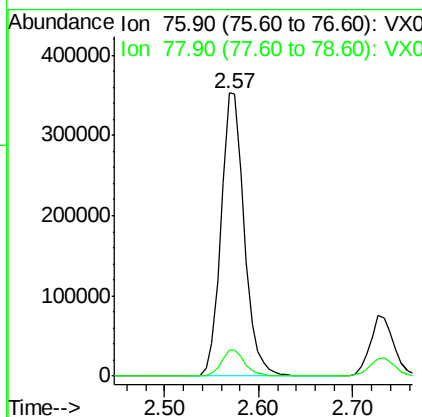
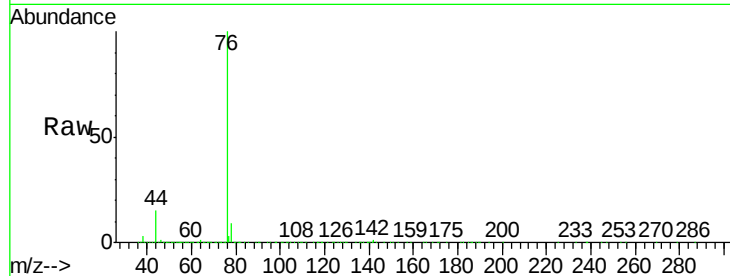
#17
Carbon Disulfide
Concen: 48.626 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.1	10.7

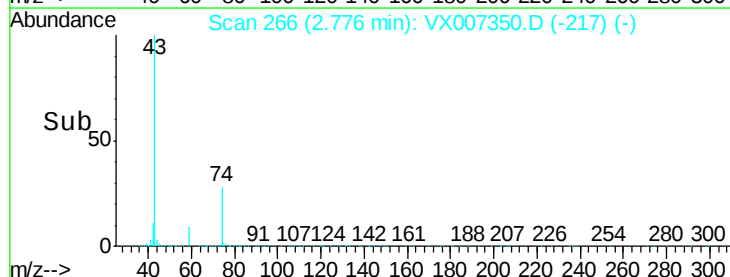
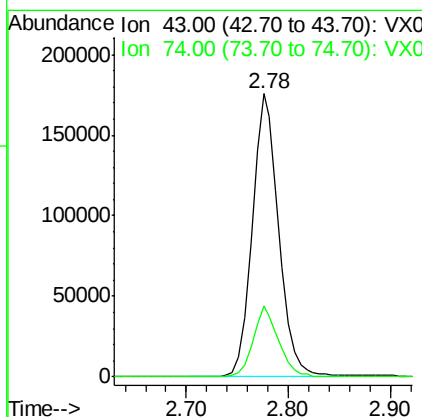
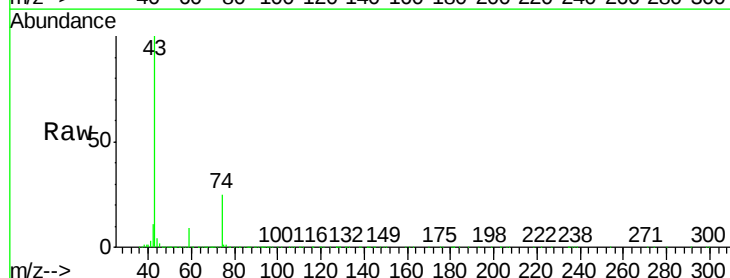
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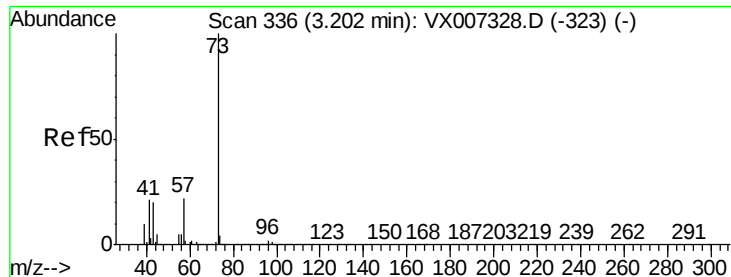
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#18
Methyl Acetate
Concen: 50.149 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	19.4	29.2





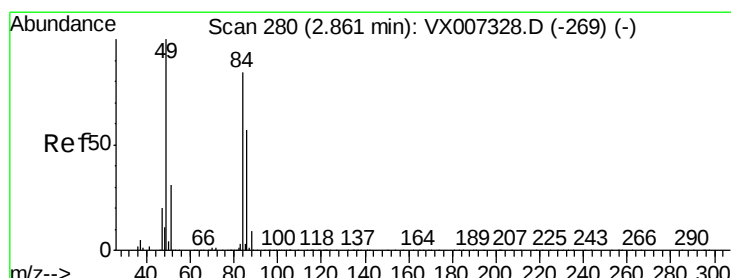
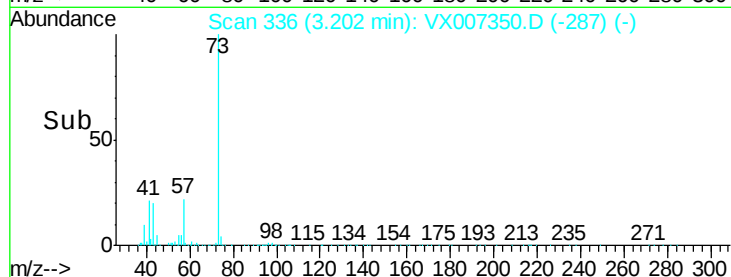
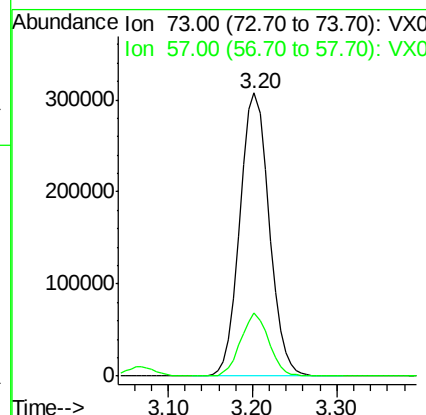
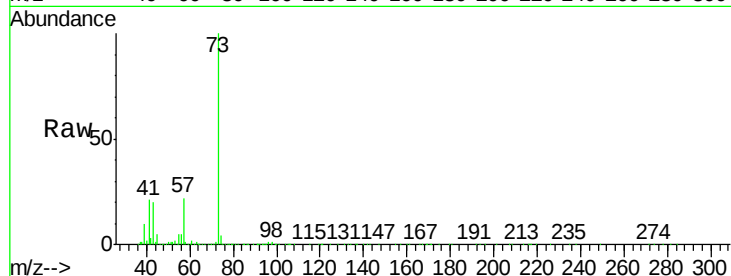
#19
Methyl tert-butyl Ether
Concen: 46.996 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.8	26.8

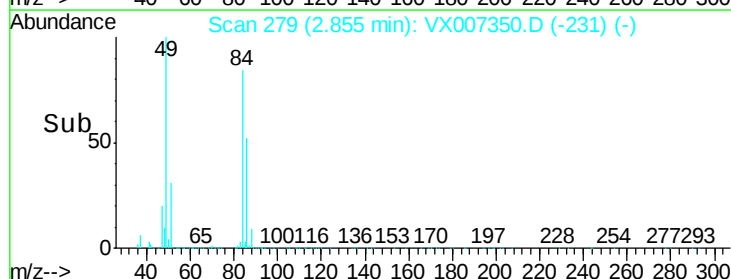
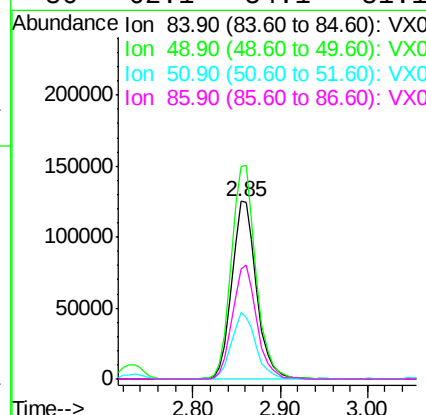
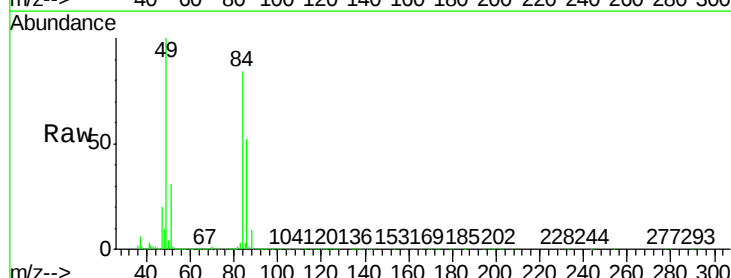
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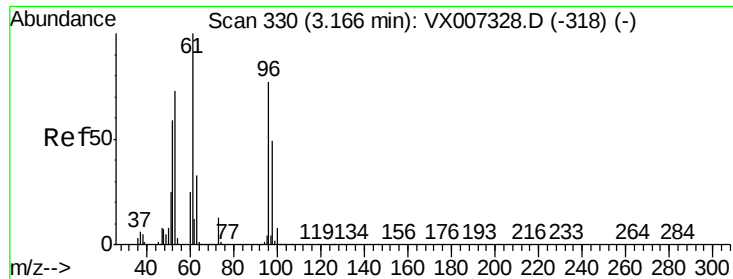
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#20
Methylene Chloride
Concen: 49.573 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.3	94.8	142.2
51	37.2	29.8	44.8
86	62.1	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 46.581 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

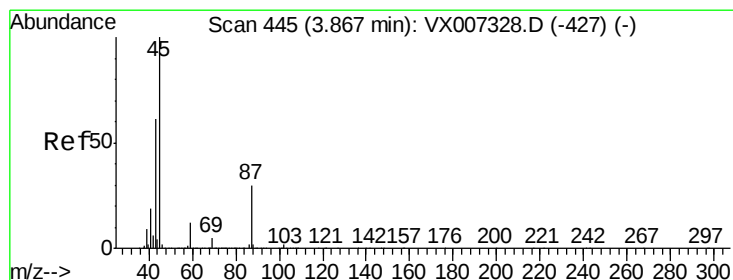
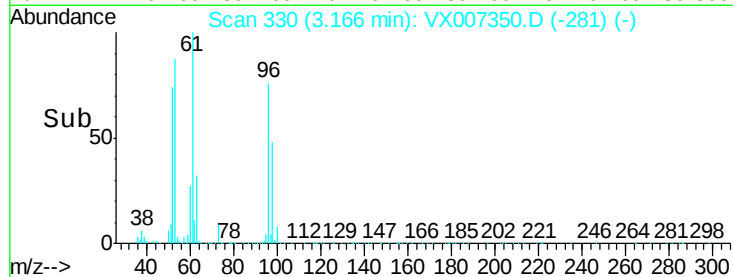
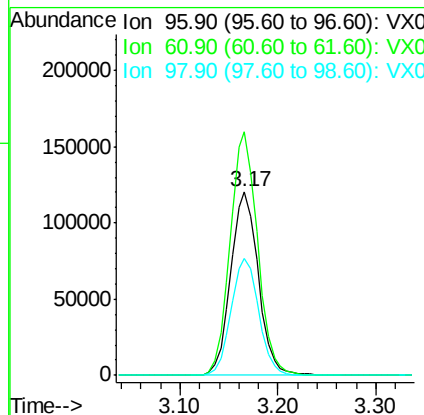
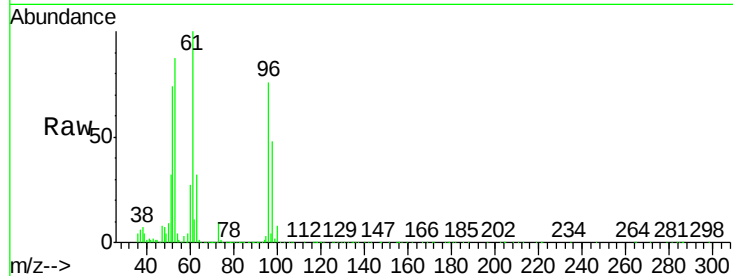
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	235416
Ion	Ratio	Lower	Upper
96	100		
61	132.2	104.6	156.8
98	63.7	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.953 ug/l

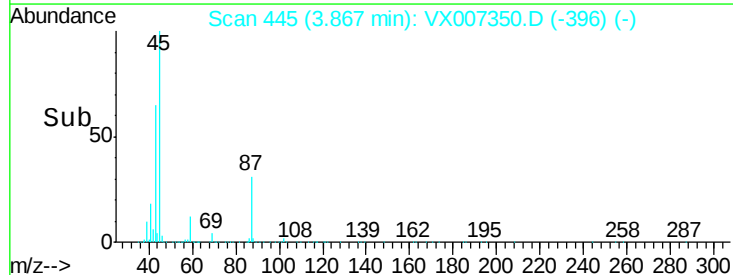
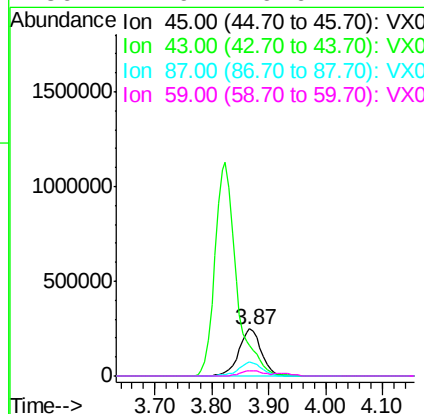
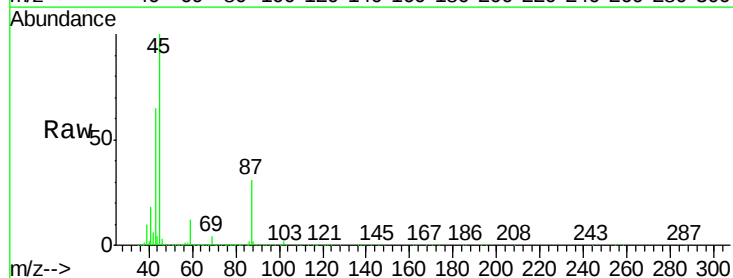
RT: 3.87 min Scan# 445

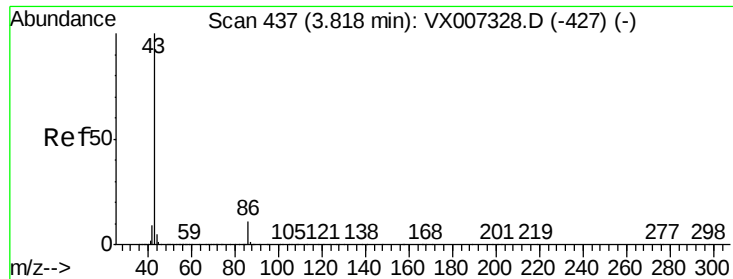
Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Tgt Ion:	45	Resp:	681867
Ion	Ratio	Lower	Upper
45	100		
43	64.6	48.9	73.3
87	30.9	23.9	35.9
59	11.9	9.6	14.4





#23

Vinyl Acetate

Concen: 250.770 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2958997

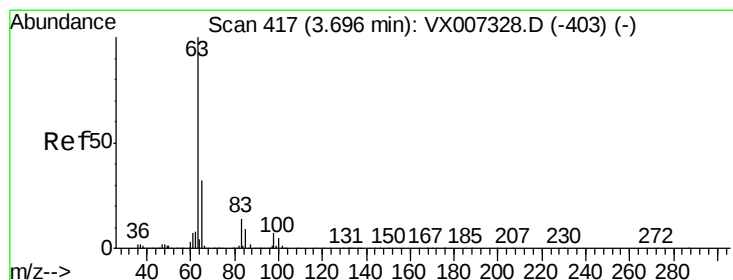
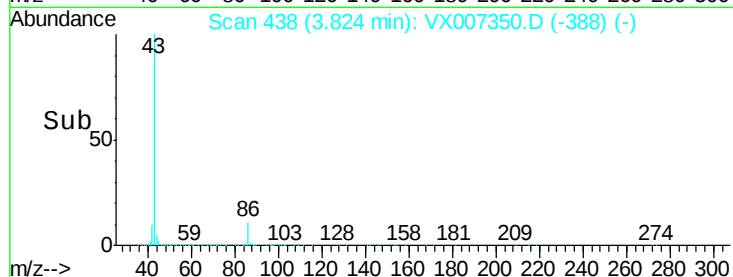
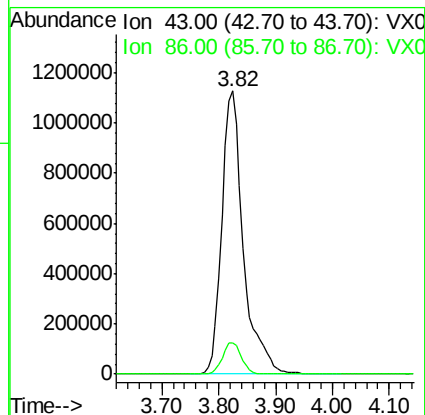
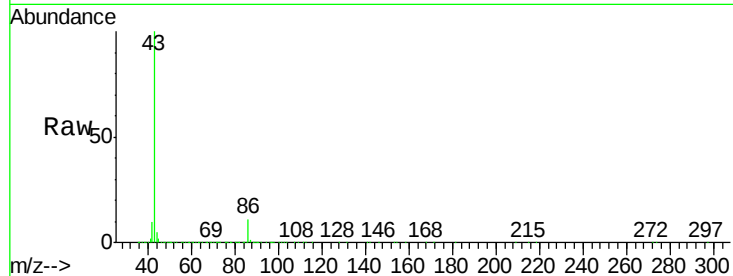
Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 50.077 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

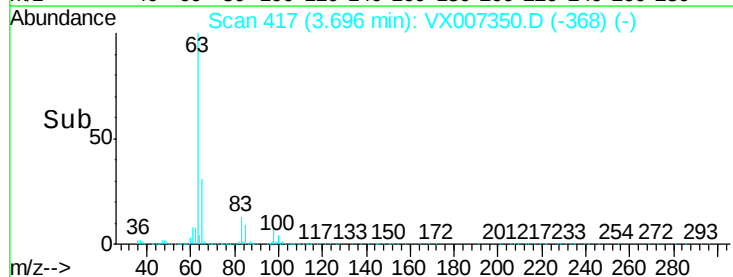
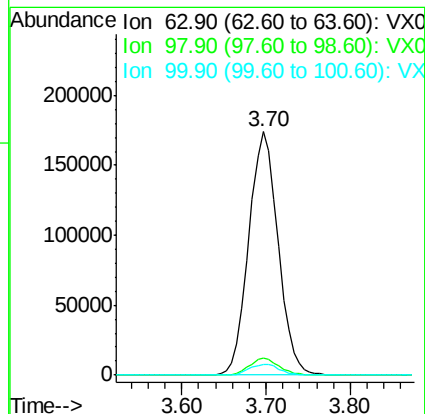
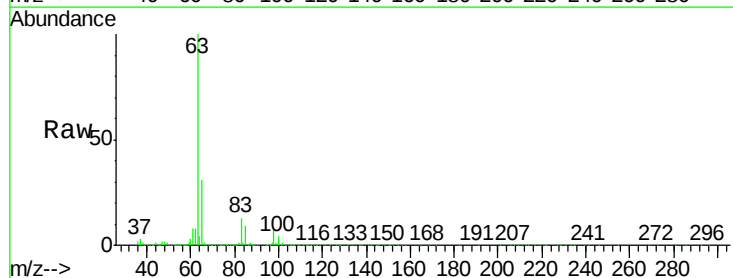
Tgt Ion: 63 Resp: 408926

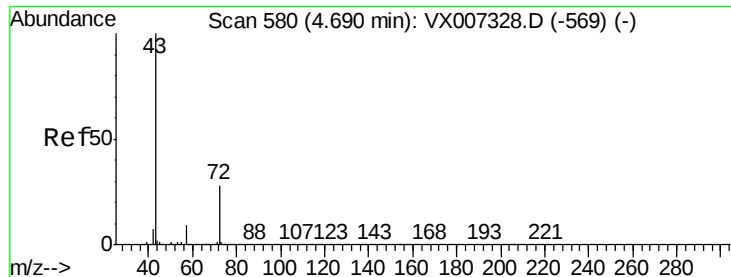
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.3 2.5 7.4





#25

2-Butanone

Concen: 241.393 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 829955

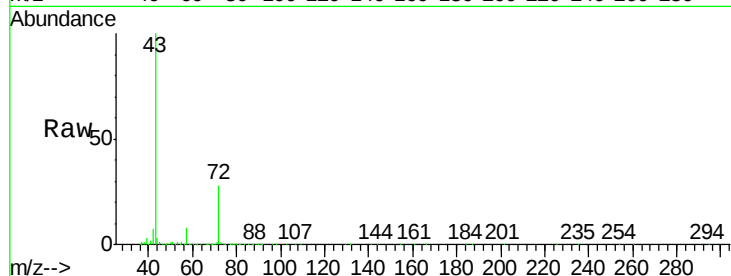
Ion Ratio Lower Upper

43 100

72 28.2 22.2 33.2

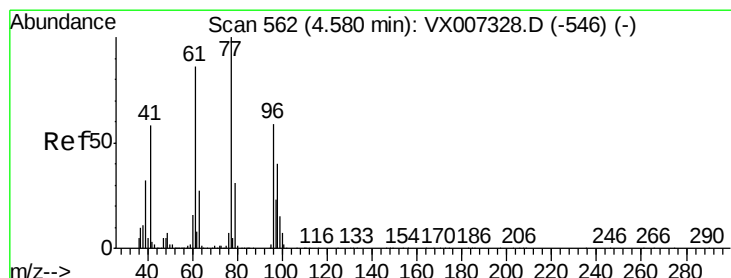
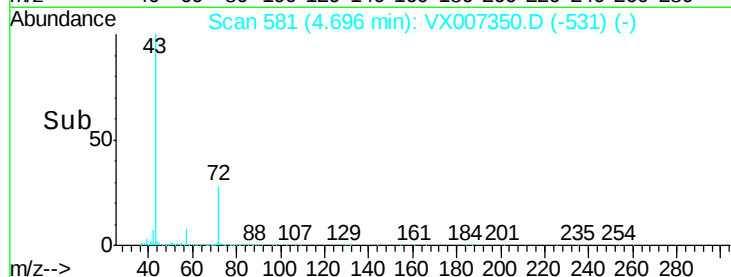
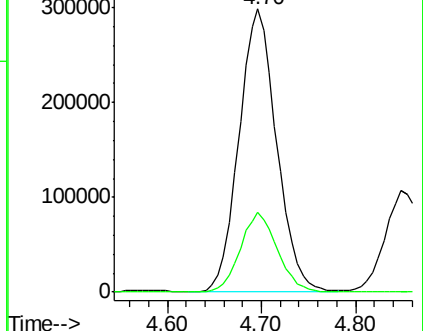
Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 49.613 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX007350.D

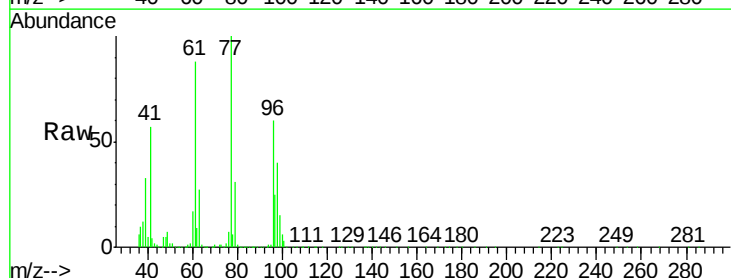
Acq: 04 Feb 2019 10:47

Tgt Ion: 77 Resp: 308536

Ion Ratio Lower Upper

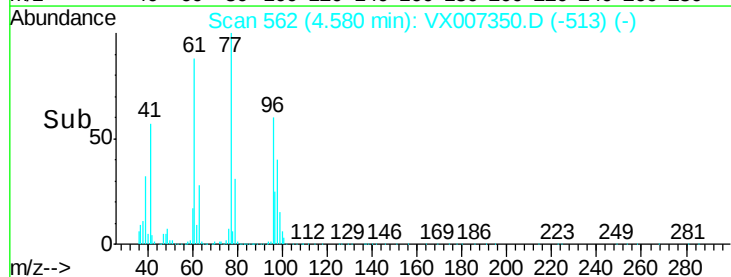
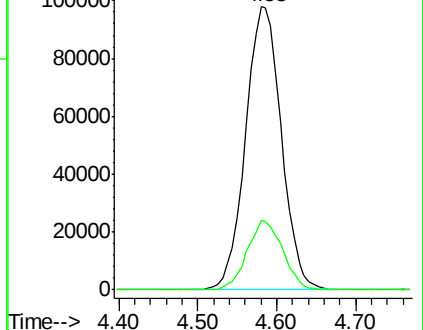
77 100

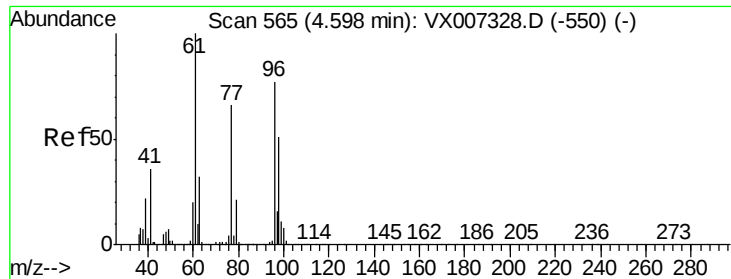
97 24.5 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

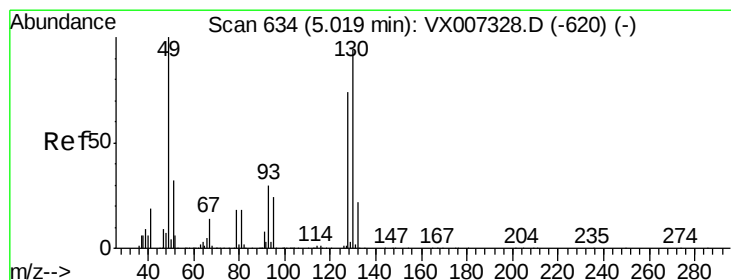
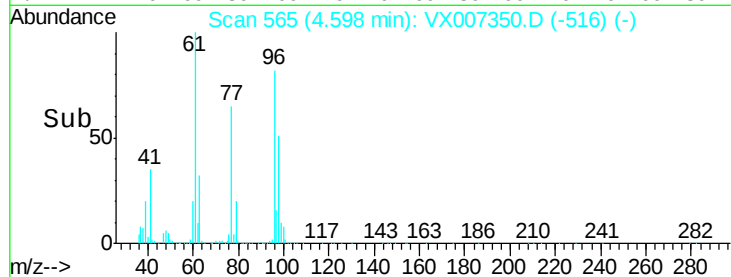
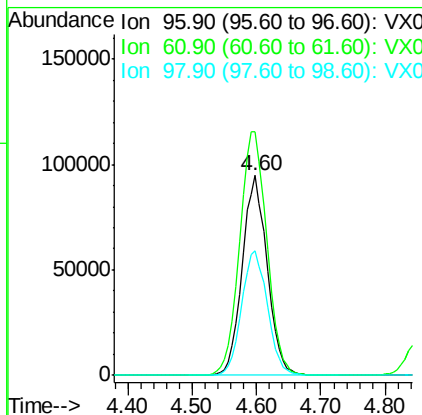
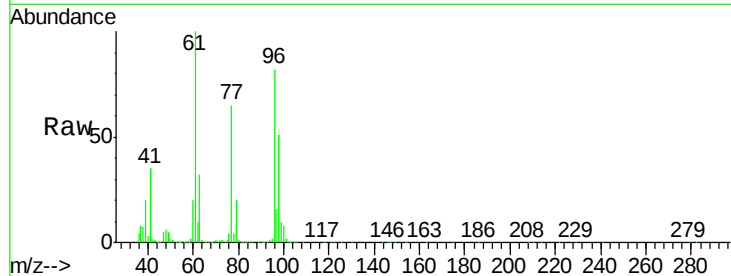
cis-1,2-Dichloroethene
Concen: 45.590 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.7	0.0	265.6
98	64.6	0.0	131.6

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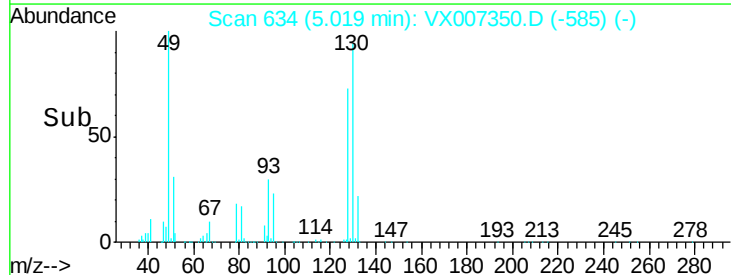
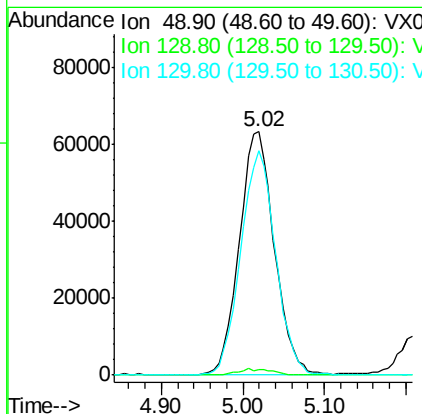
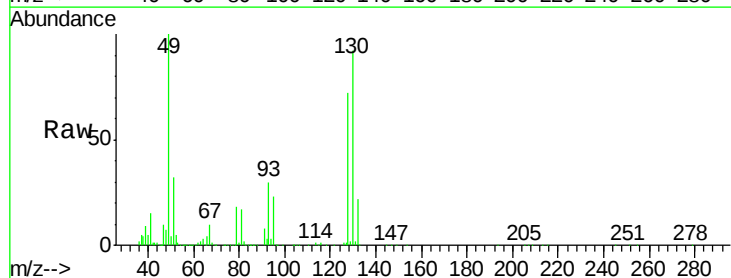
MMDadoda
2/5/2019 9:52:34 AM



#28

Bromochloromethane
Concen: 50.101 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	92.3	75.6	113.4





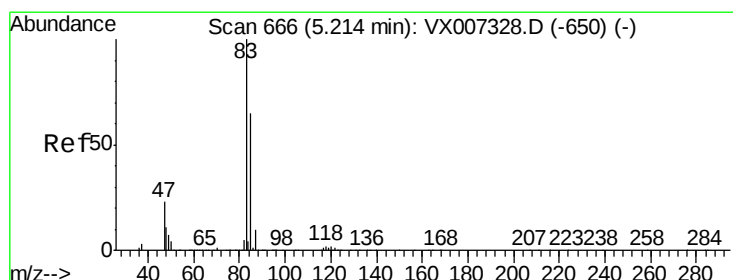
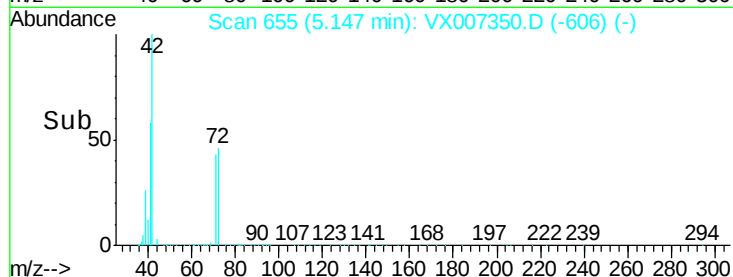
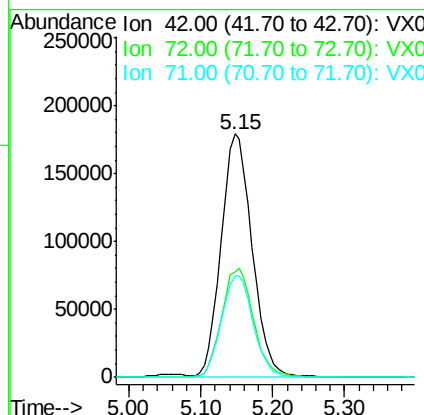
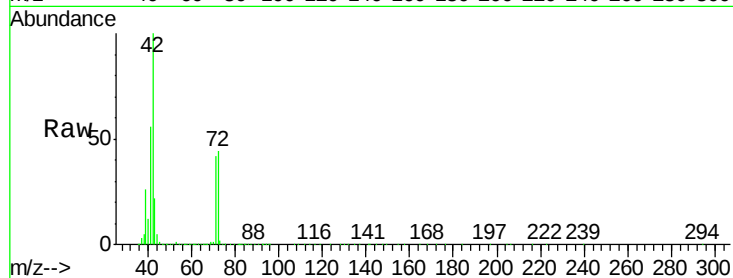
#29
Tetrahydrofuran
Concen: 247.255 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.3	37.6	56.4
71	42.9	34.6	51.8

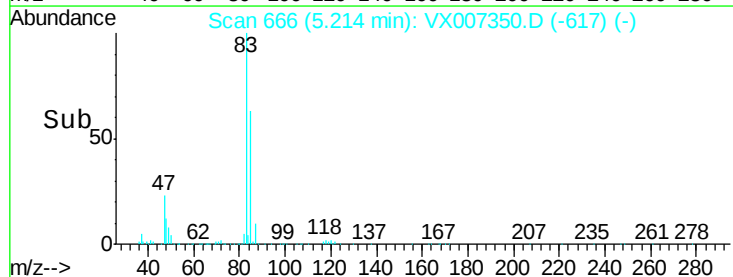
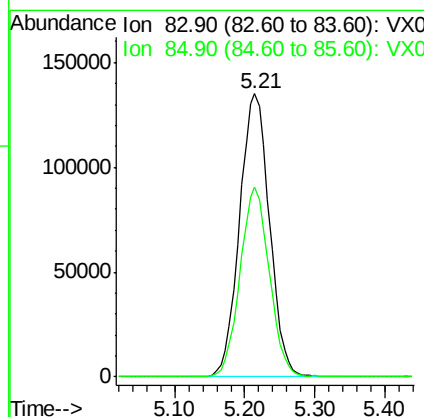
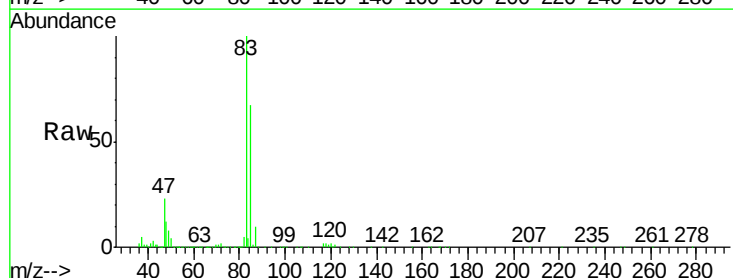
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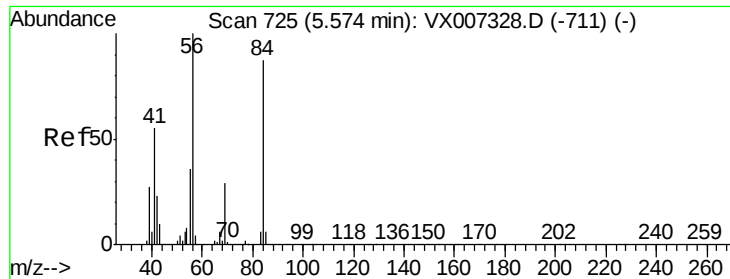
MMDadoda
2/5/2019 9:52:34 AM



#30
Chloroform
Concen: 47.156 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	51.6	77.4





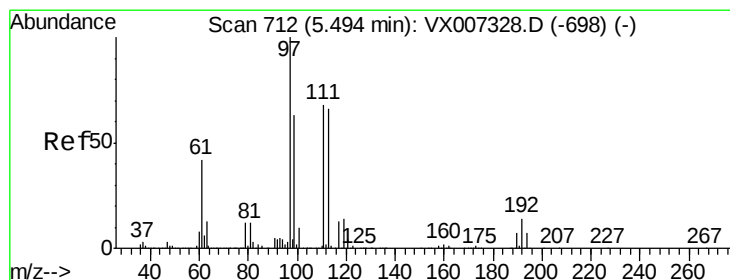
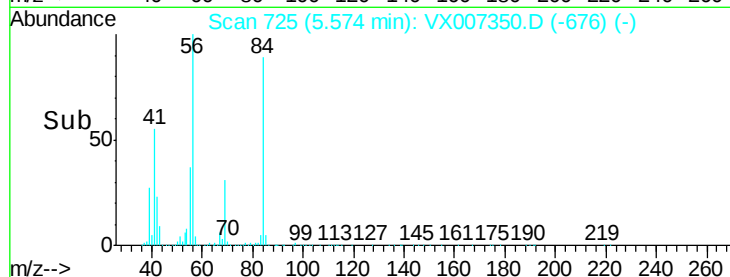
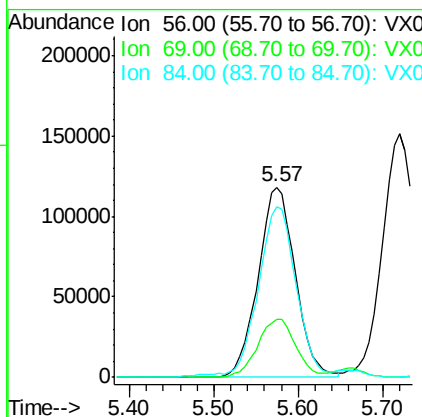
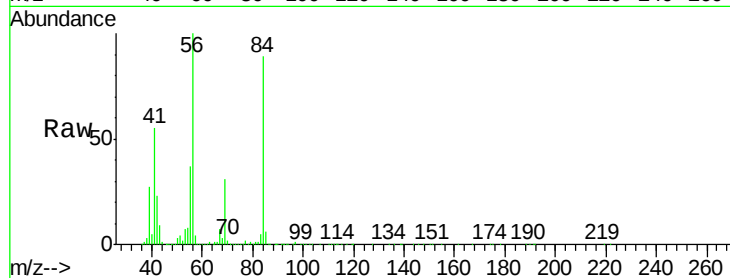
#31
Cyclohexane
Concen: 48.950 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.0	34.6
84	88.7	69.8	104.6

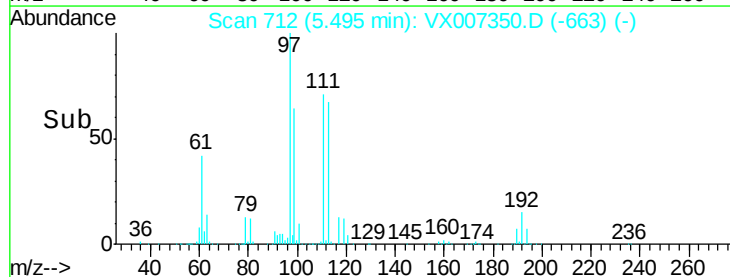
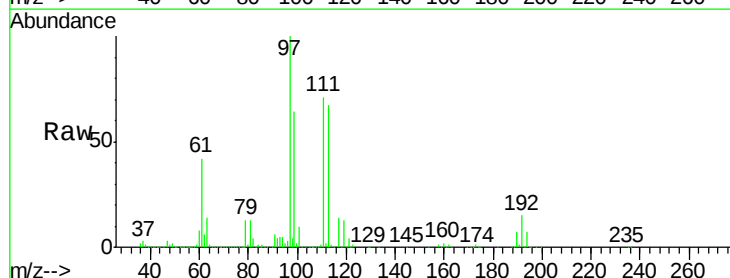
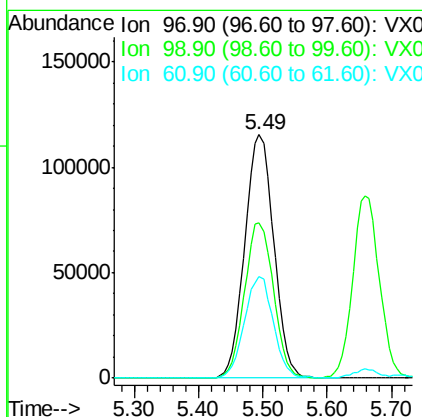
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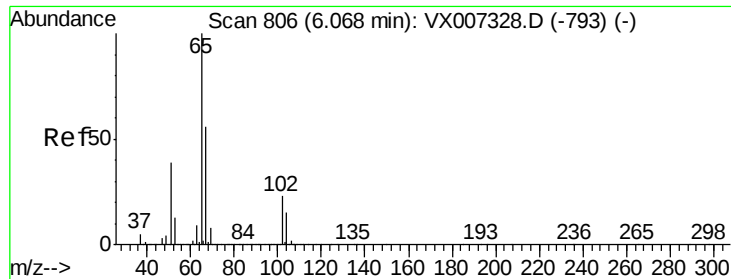
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 49.587 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	52.2	78.2
61	41.3	32.7	49.1





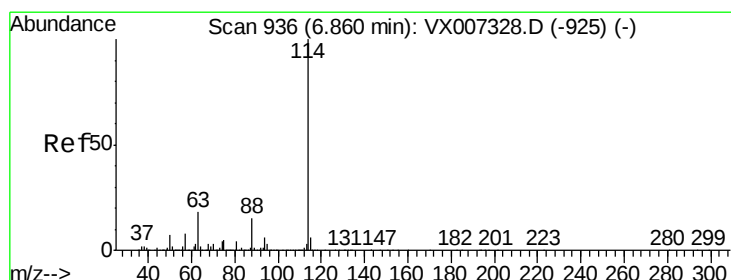
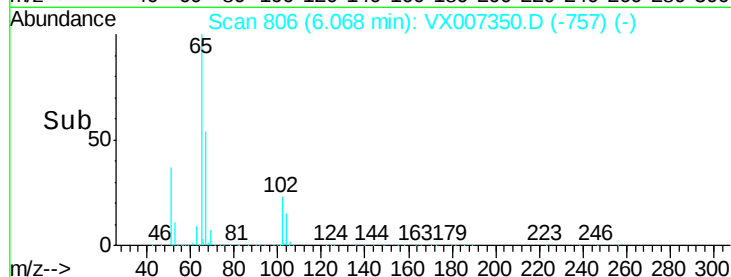
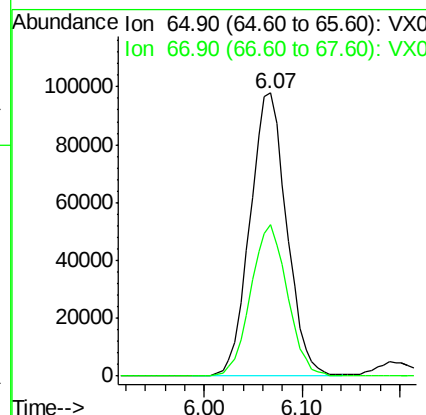
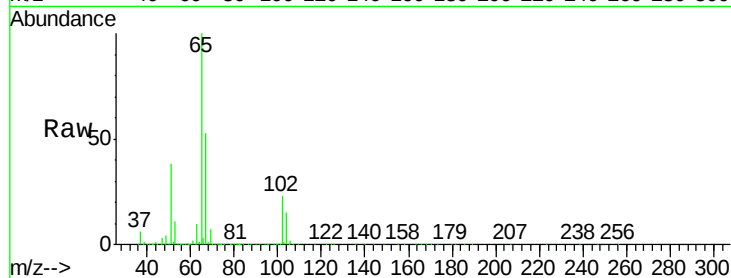
#33
 1,2-Dichloroethane-d4
 Concen: 48.316 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007350.D
 Acq: 04 Feb 2019 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	254826		
67	53.0	0.0	108.8	

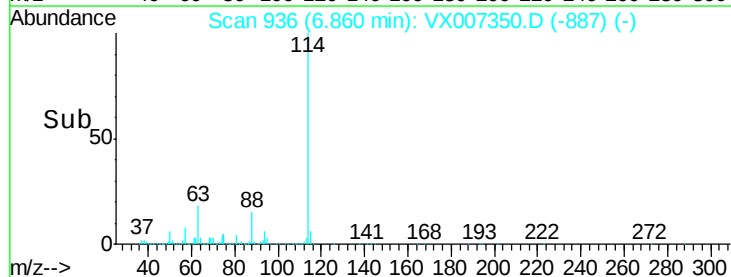
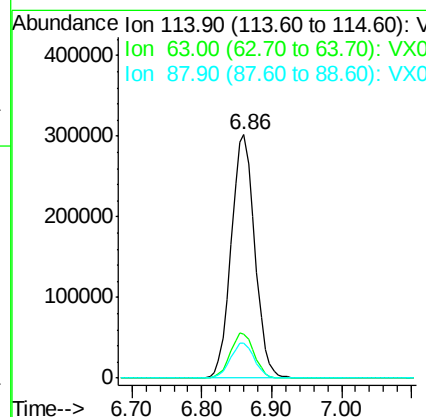
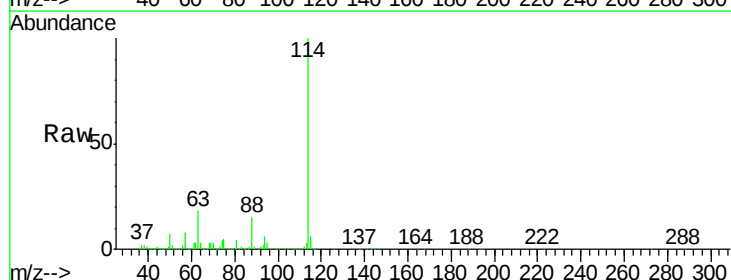
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007350.D
 Acq: 04 Feb 2019 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	707756		
63	18.0	0.0	35.6	
88	14.6	0.0	29.6	





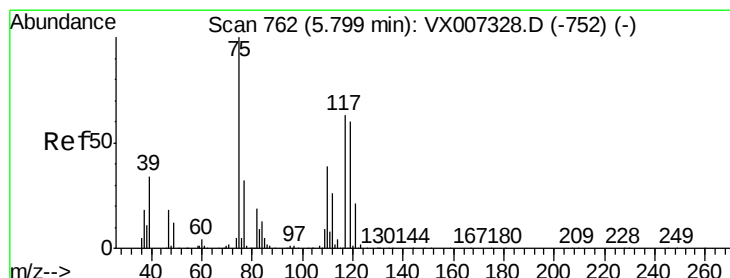
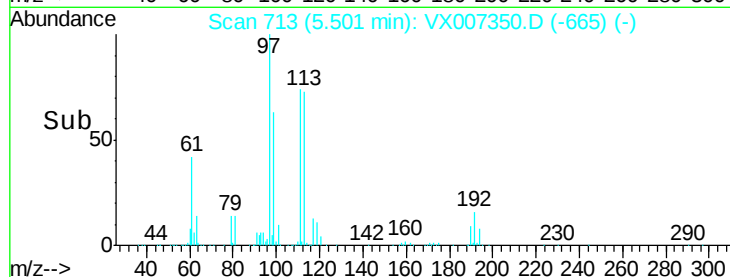
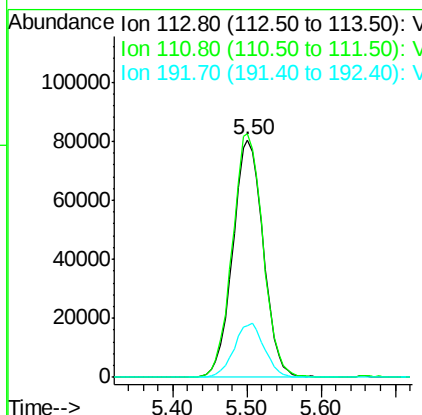
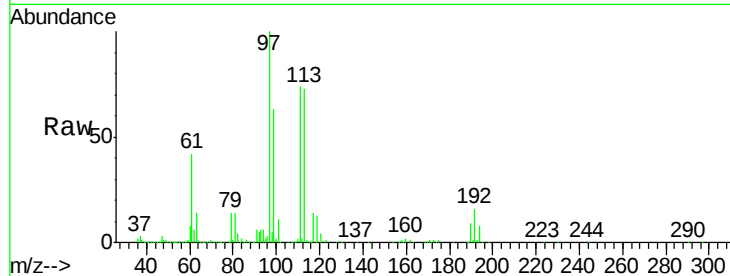
#35
 Dibromofluoromethane
 Concen: 50.144 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX007350.D
 Acq: 04 Feb 2019 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	230917		
111	103.2	81.8	122.8	
192	22.6	18.5	27.7	

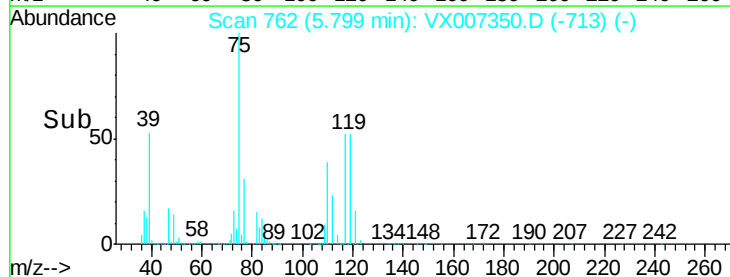
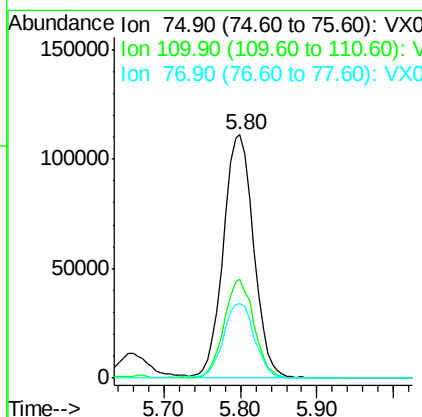
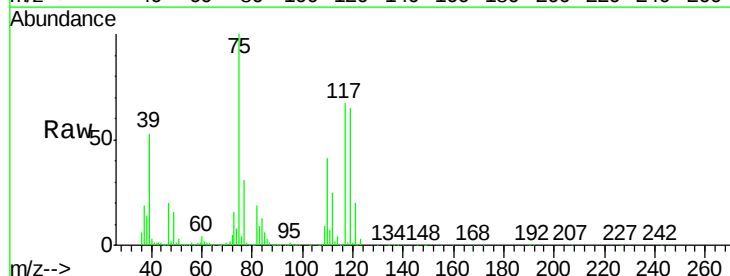
Manual Integrations
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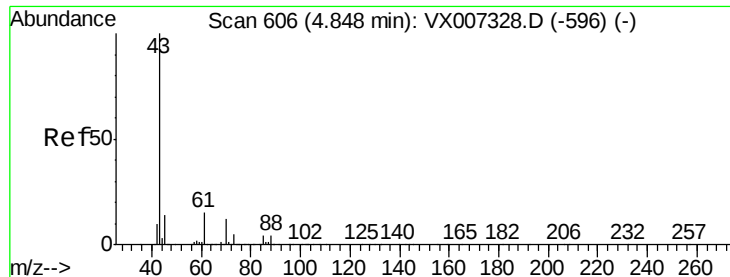
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#36
 1,1-Dichloropropene
 Concen: 47.937 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007350.D
 Acq: 04 Feb 2019 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	304411		
110	40.0	20.0	59.9	
77	31.1	24.7	37.1	





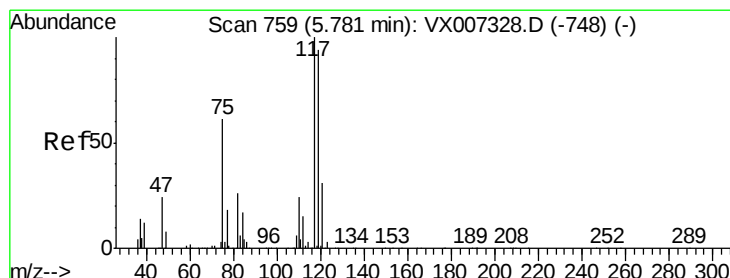
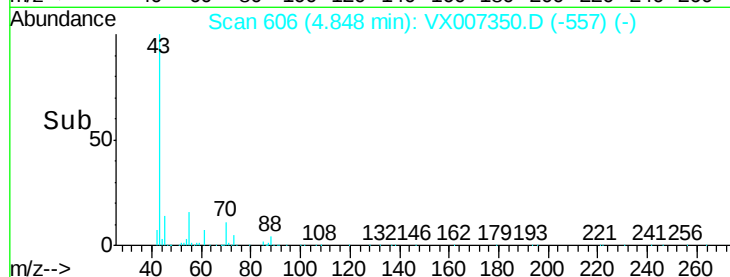
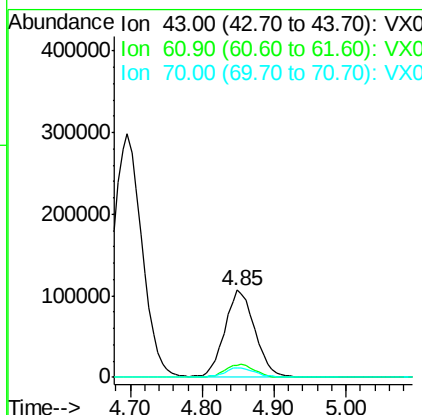
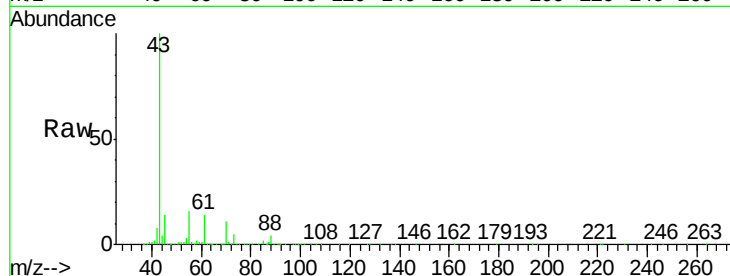
#37
Ethyl Acetate
Concen: 48.292 ug/l
RT: 4.85 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.3	16.9
70	10.5	8.6	13.0

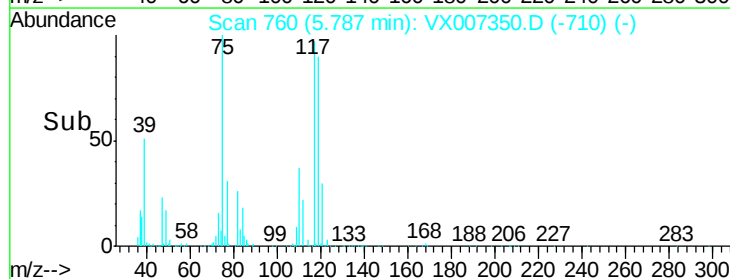
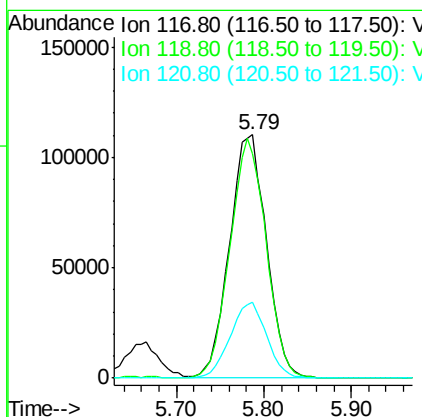
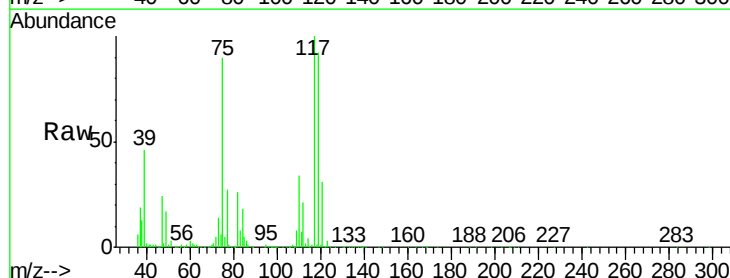
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#38
Carbon Tetrachloride
Concen: 52.534 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.2	75.3	112.9
121	31.2	25.0	37.4





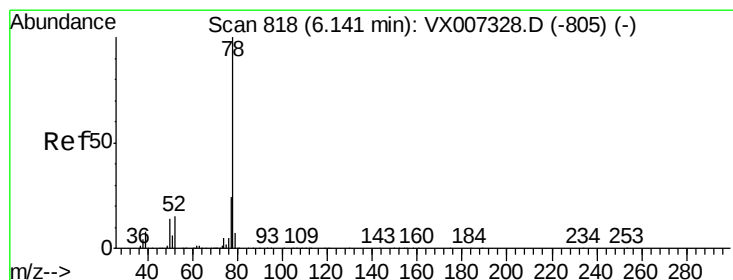
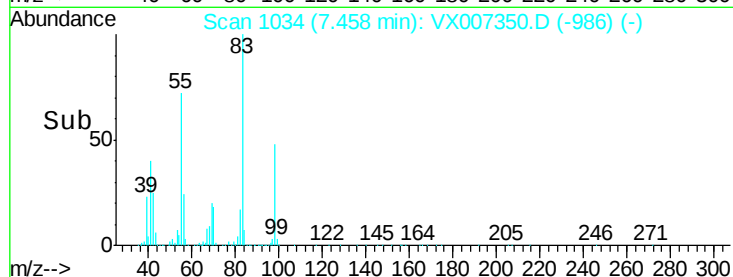
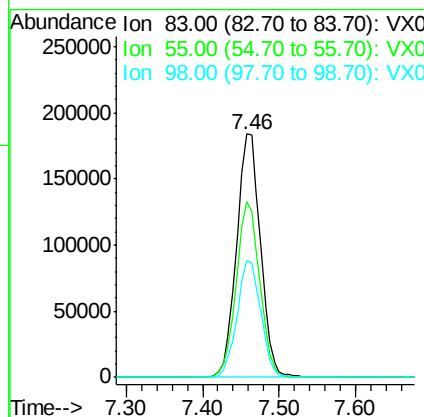
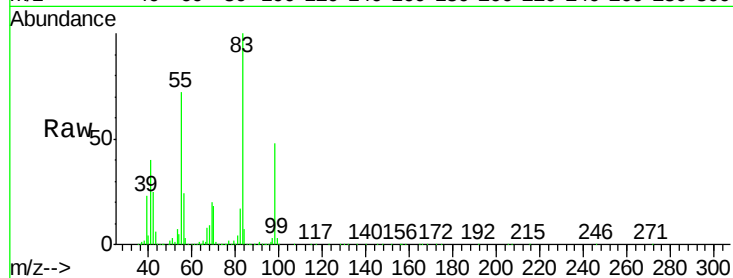
#39
Methvlcvclohexane
Concen: 51.723 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.4	56.2	84.2
98	48.0	36.8	55.2

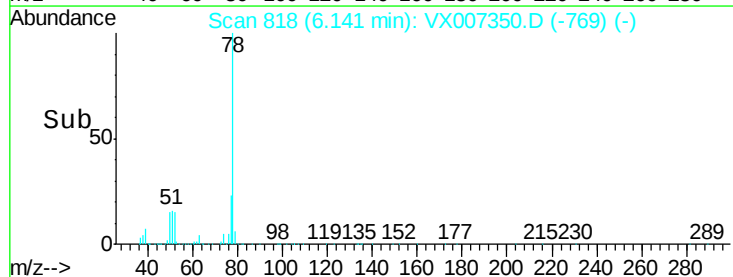
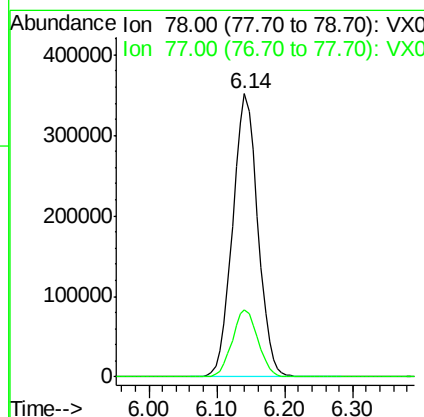
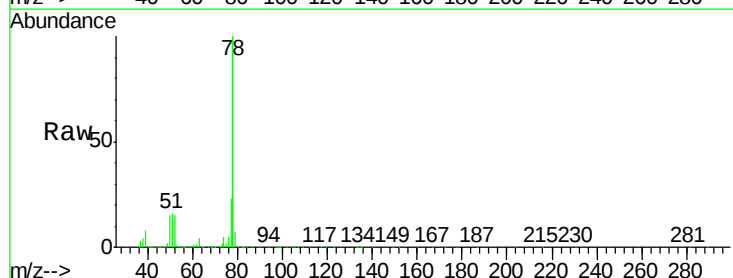
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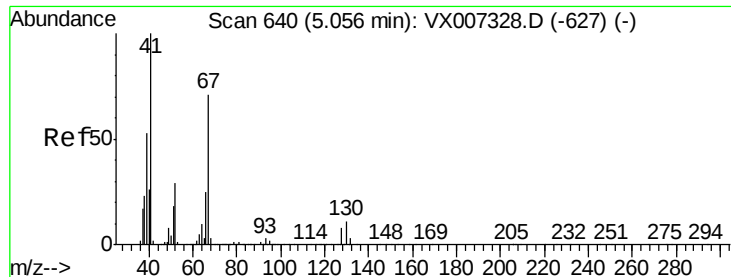
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#40
Benzene
Concen: 48.349 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9





#41

Methacrylonitrile

Concen: 51.370 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

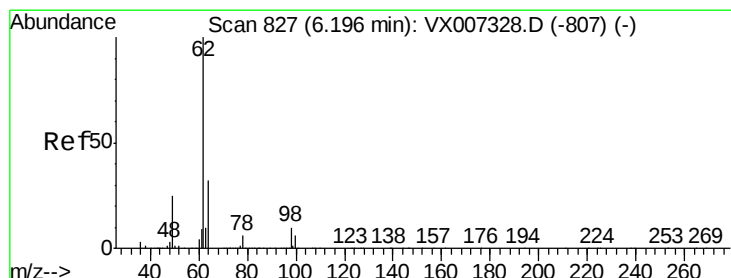
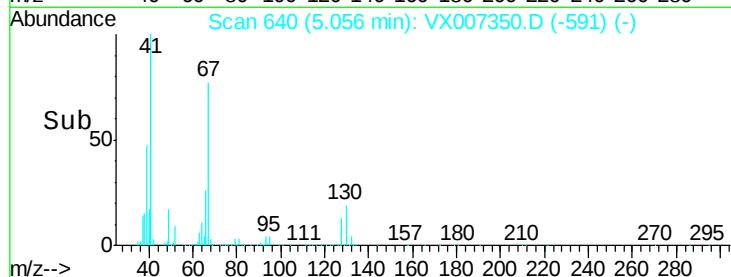
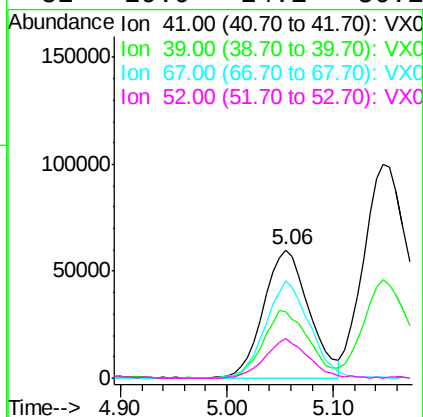
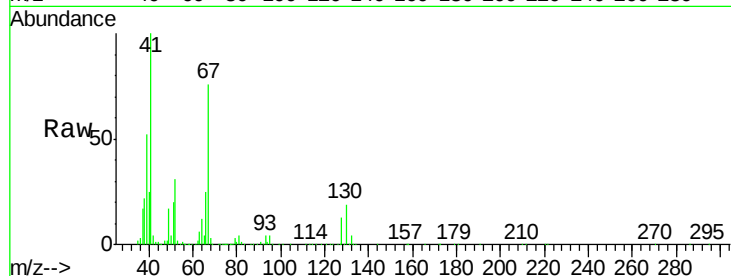
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.2	44.5	66.7	
67	73.6	60.4	90.6	
52	29.9	24.1	36.1	

Manual Integrations
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2/5/2019 9:52:34 AM



#42

1,2-Dichloroethane

Concen: 47.738 ug/l

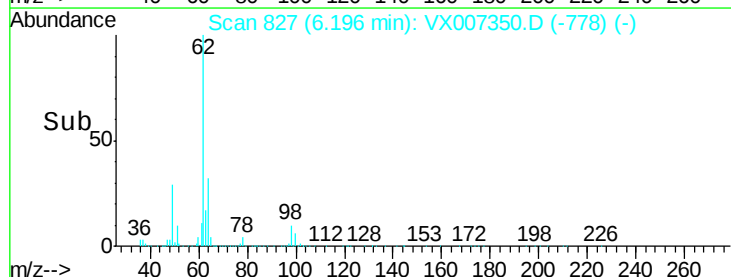
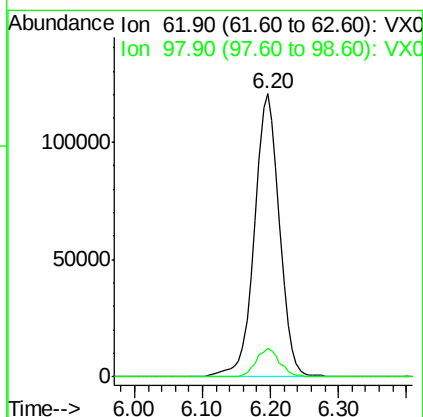
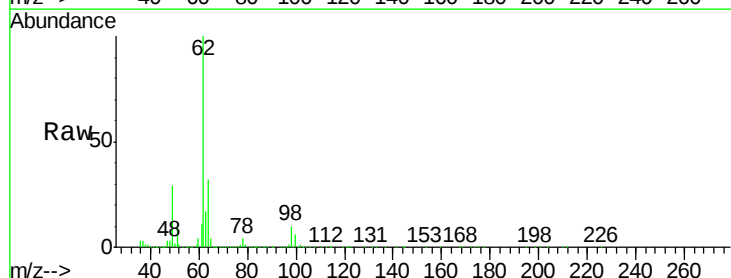
RT: 6.20 min Scan# 827

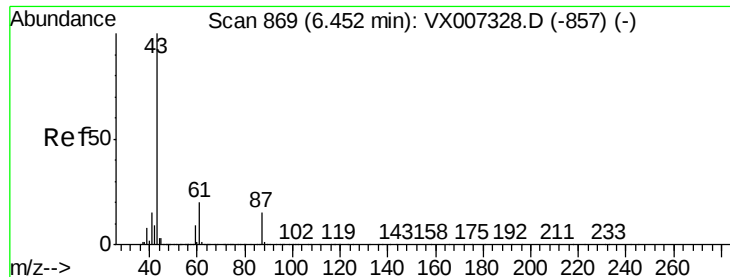
Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	0.0	19.0	





#43

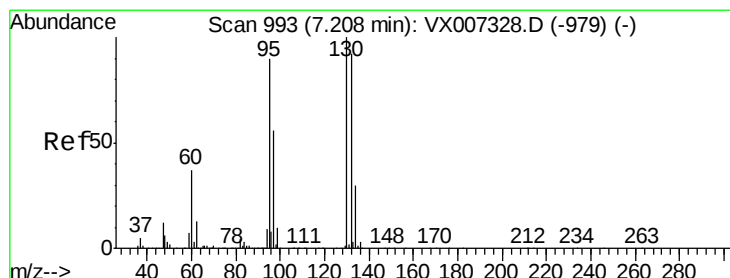
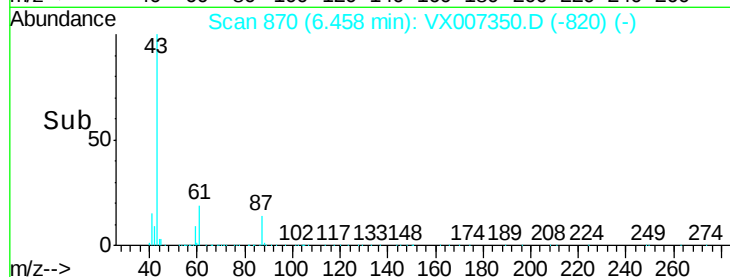
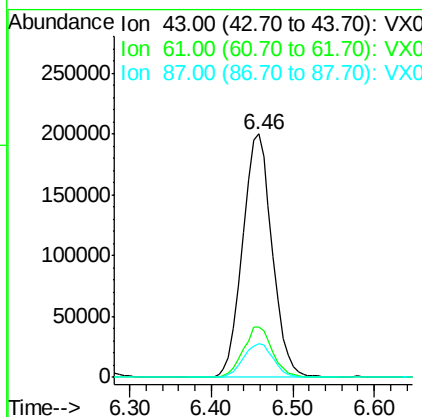
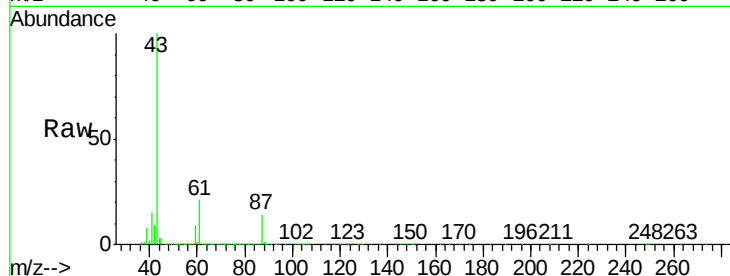
Isopropyl Acetate
 Concen: 50.717 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007350.D
 Acq: 04 Feb 2019 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.1	24.1
87	14.2	11.5	17.3

Manual Integrations
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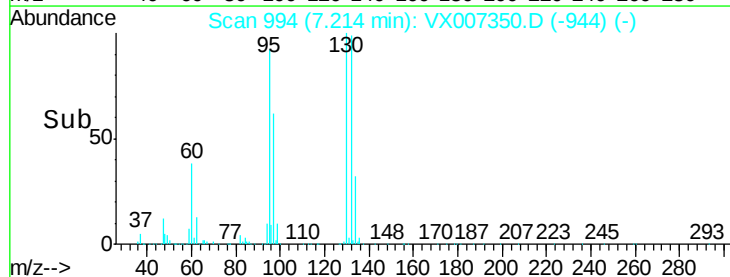
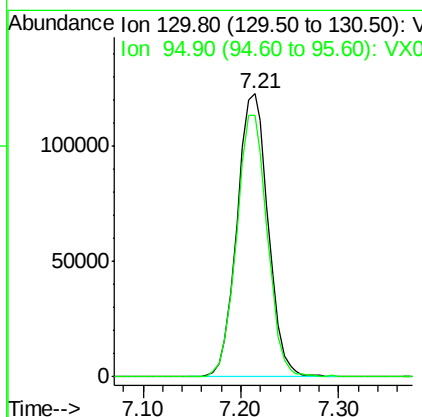
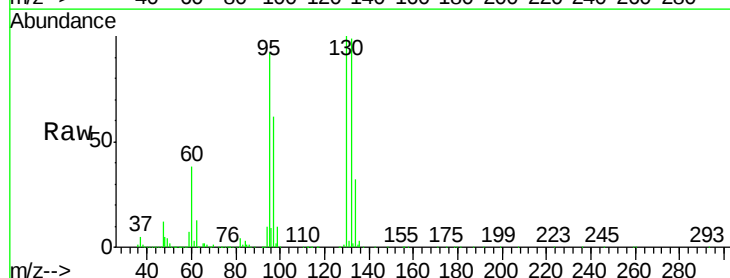
MMDadoda
 2/5/2019 9:52:34 AM

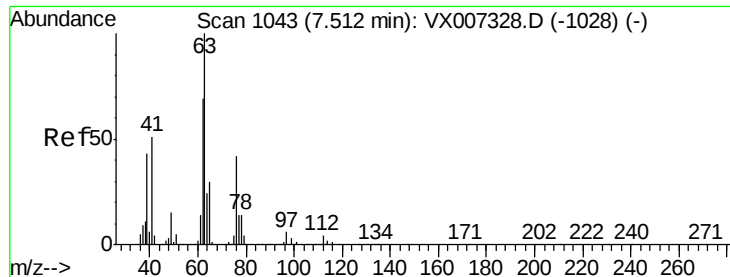


#44

Trichloroethene
 Concen: 48.073 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007350.D
 Acq: 04 Feb 2019 10:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	180.0





#45

1,2-Dichloropropane

Concen: 48.759 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 228527

Ion Ratio Lower Upper

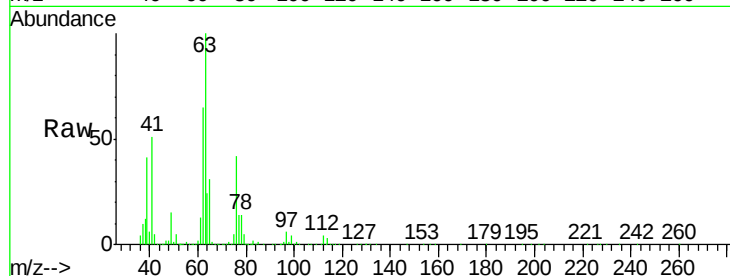
63 100

65 30.9 24.2 36.2

Manual Integrations
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2/5/2019 9:52:34 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

120000

100000

80000

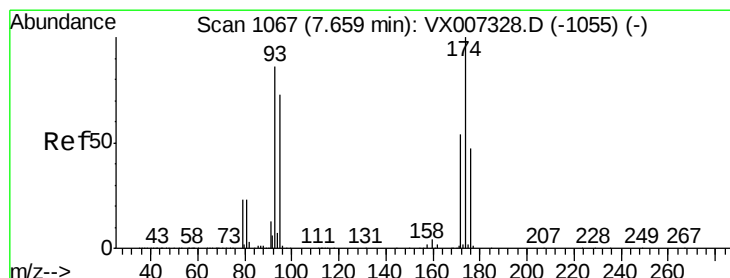
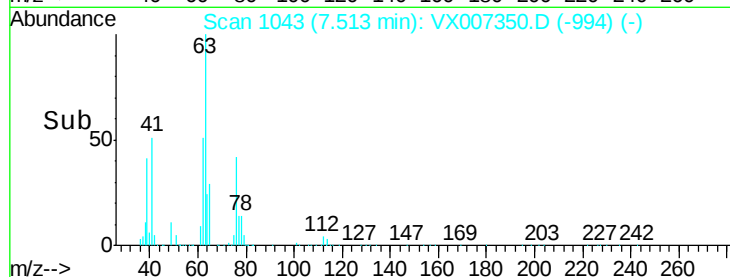
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 47.817 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

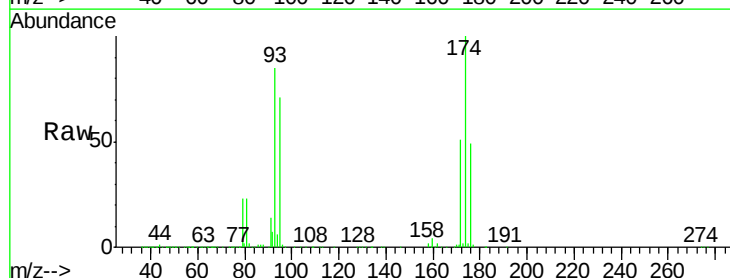
Tgt Ion: 93 Resp: 162883

Ion Ratio Lower Upper

93 100

95 84.0 67.6 101.4

174 117.1 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

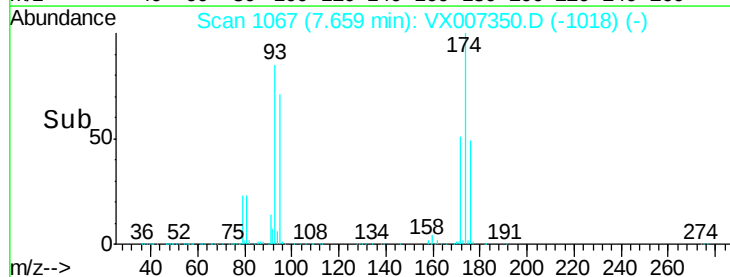
7.66

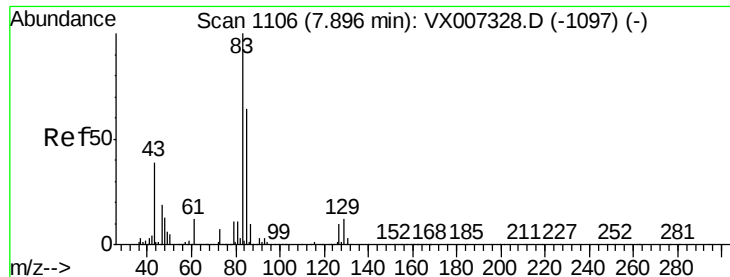
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 51.356 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

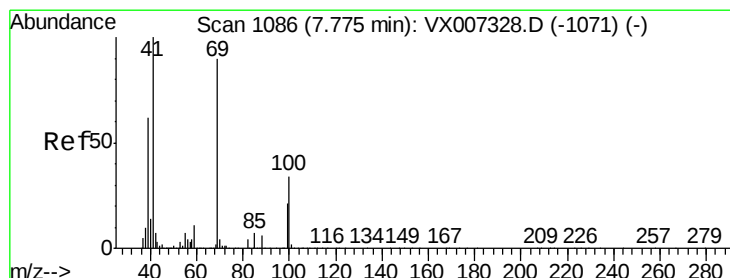
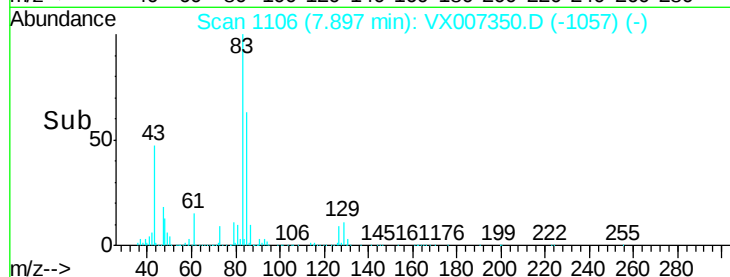
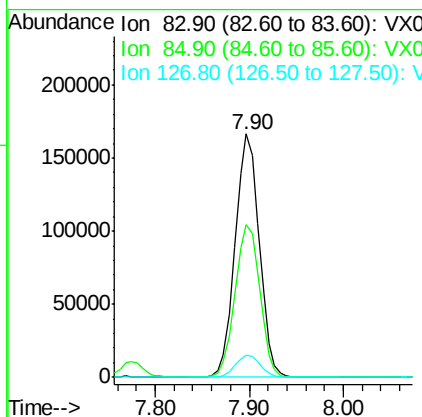
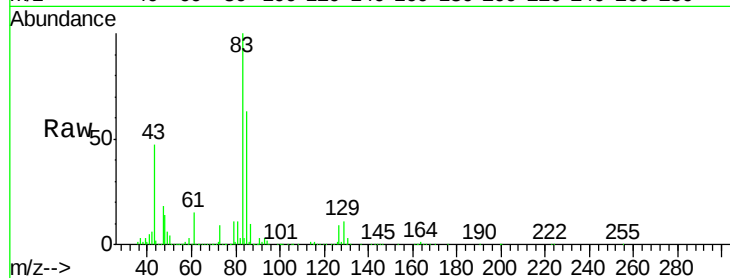
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	296485
Ion Ratio	Lower	Upper	
83	100		
85	62.7	51.4	77.0
127	9.0	8.1	12.1

Manual Integrations
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MMDadoda
2/5/2019 9:52:34 AM



#48

Methyl methacrylate

Concen: 52.649 ug/l

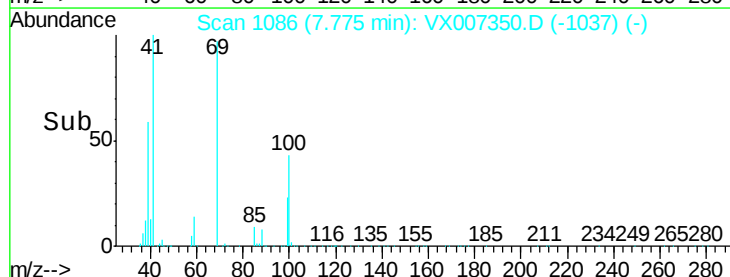
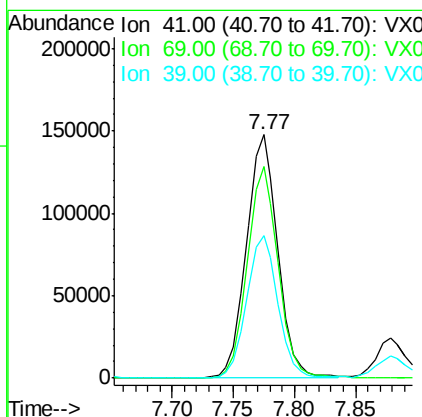
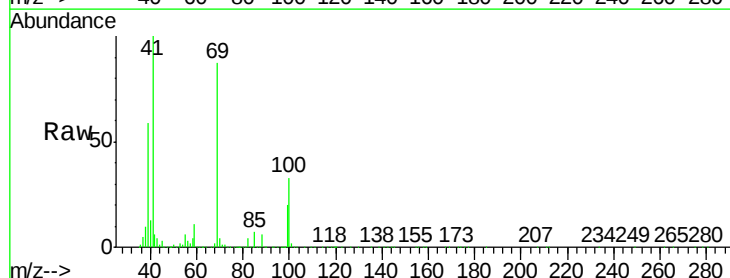
RT: 7.77 min Scan# 1086

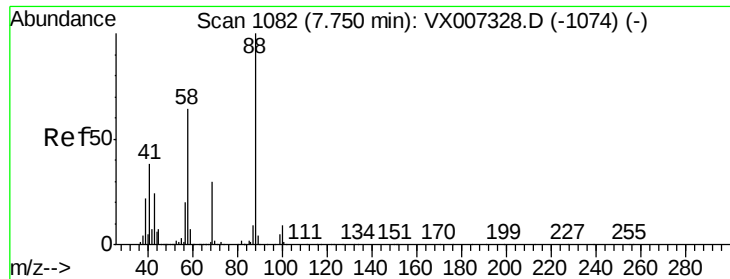
Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Tgt Ion:	41	Resp:	260933
Ion Ratio	Lower	Upper	
41	100		
69	86.5	70.2	105.4
39	58.9	47.4	71.0





#49

1,4-Dioxane

Concen: 893.974 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

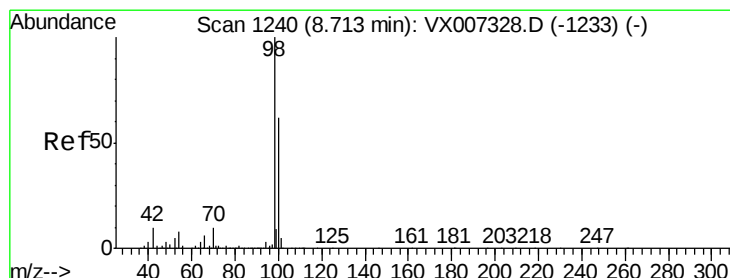
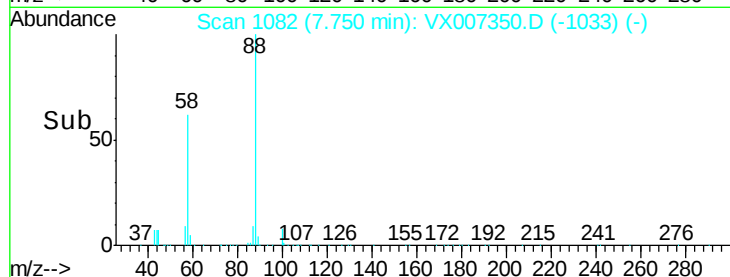
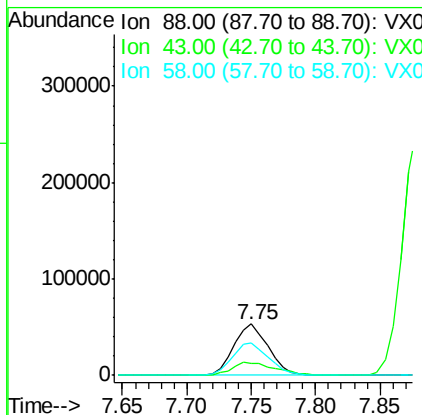
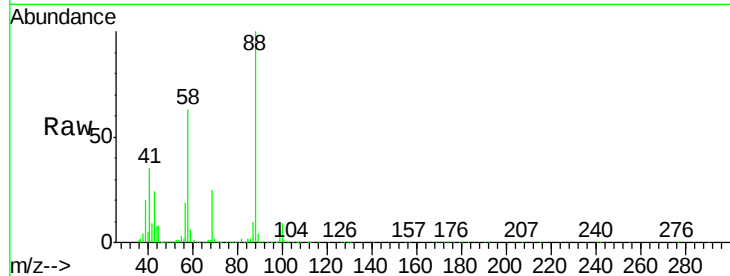
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	100678
Ion	Ratio	Lower	Upper
88	100		
43	32.3	24.2	36.4
58	66.7	53.0	79.4

Manual Integrations
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#50

Toluene-d8

Concen: 51.339 ug/l

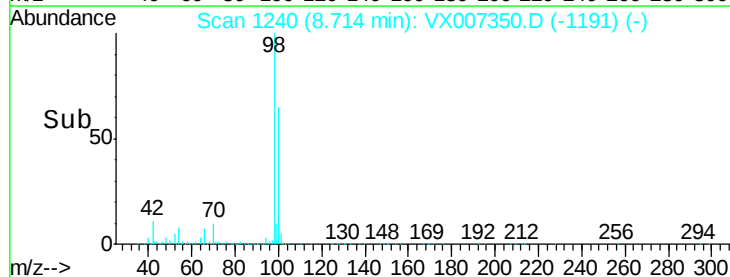
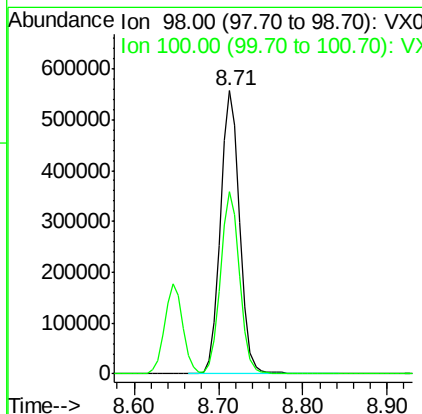
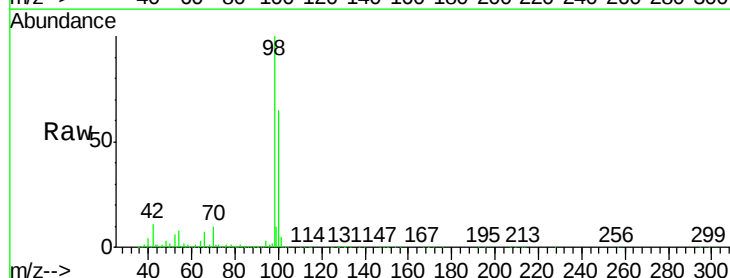
RT: 8.71 min Scan# 1240

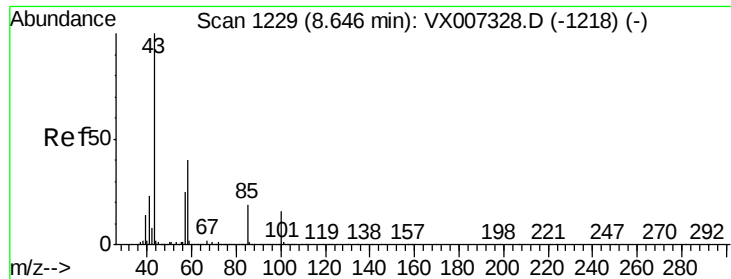
Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Tgt Ion:	98	Resp:	877168
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 254.249 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1658389

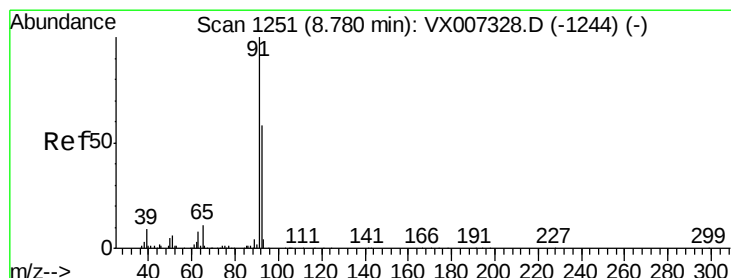
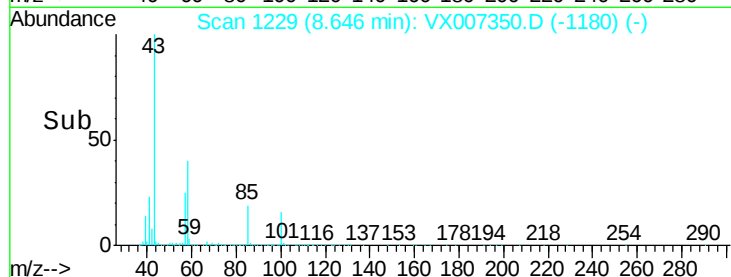
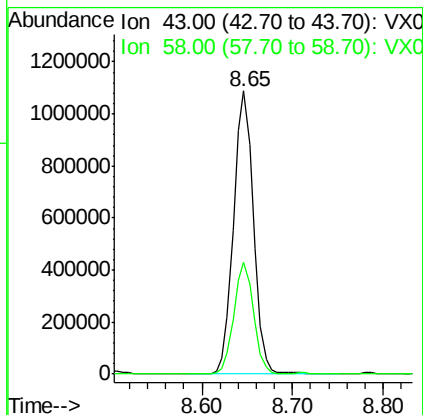
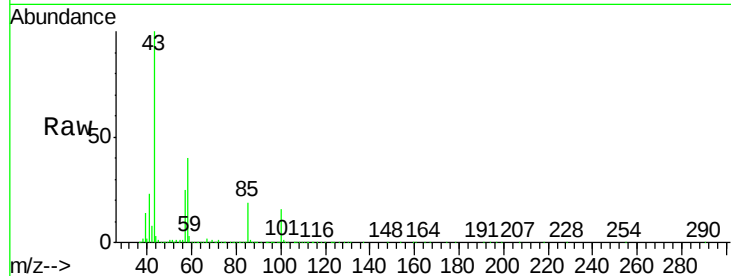
Ion Ratio Lower Upper

43 100

58 39.0 31.2 46.8

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#52

Toluene

Concen: 49.671 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX007350.D

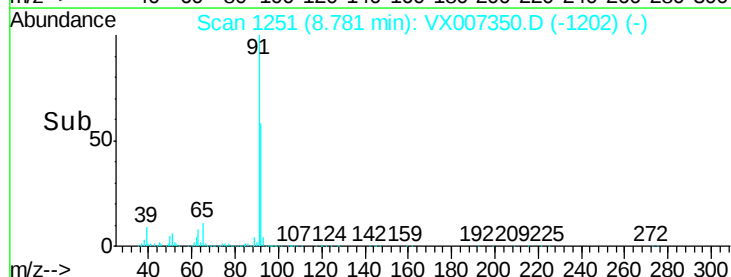
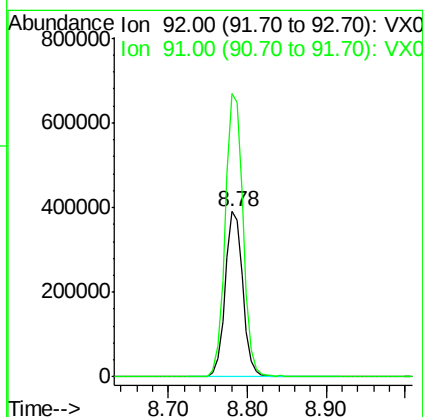
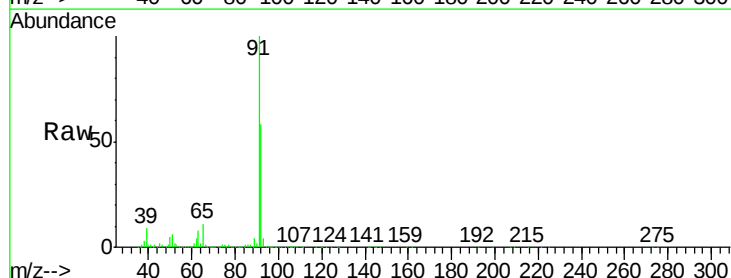
Acq: 04 Feb 2019 10:47

Tgt Ion: 92 Resp: 599477

Ion Ratio Lower Upper

92 100

91 174.6 139.1 208.7





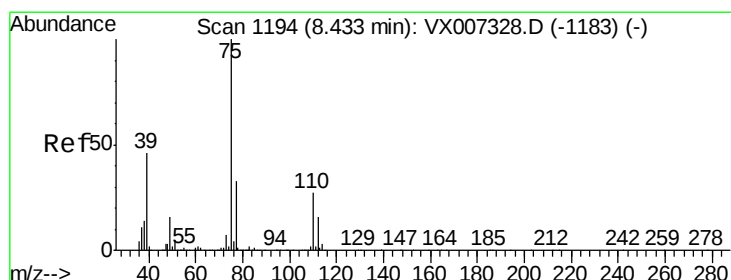
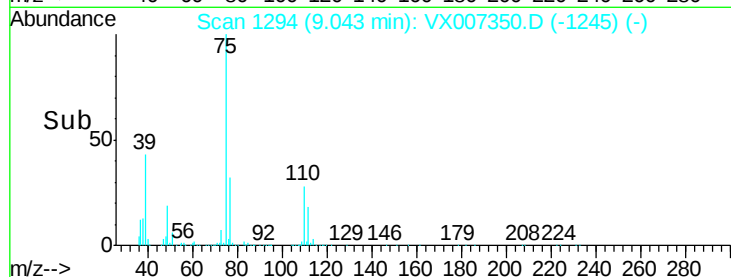
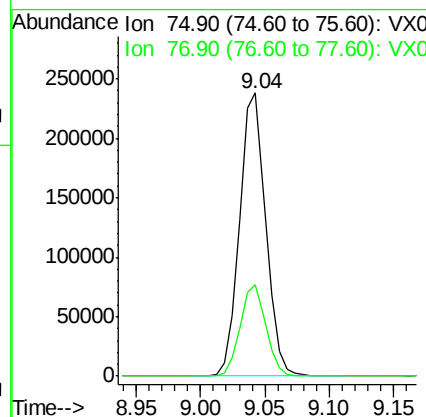
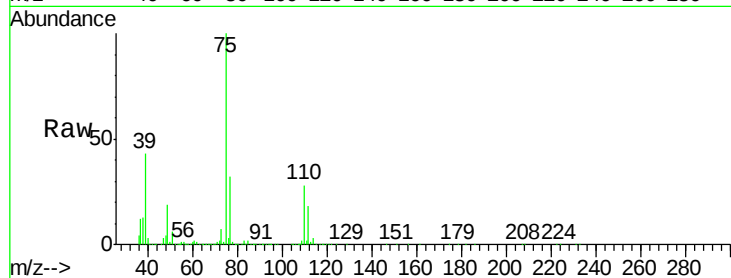
#53
t-1,3-Dichloropropene
Concen: 54.226 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.2	37.8

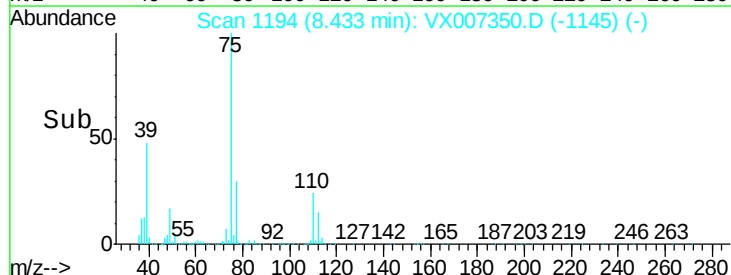
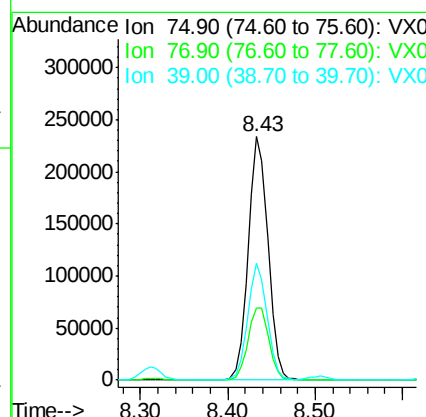
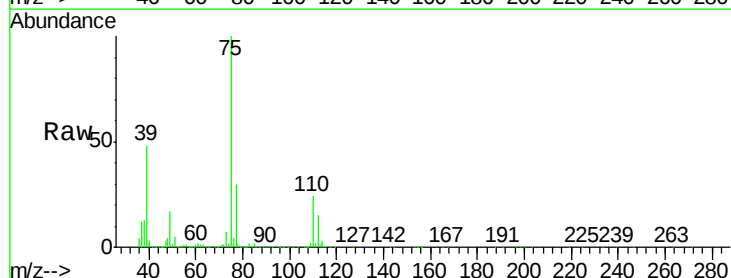
Manual Integrations
APPROVED

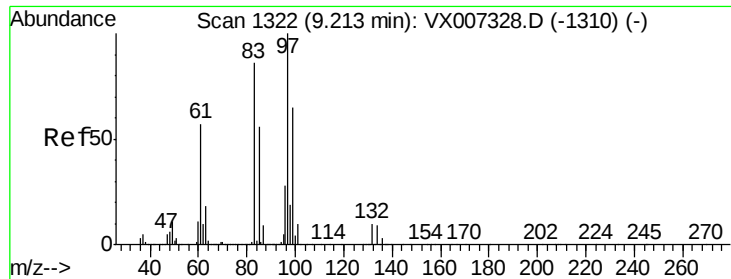
MMDadoda
2/5/2019 9:52:34 AM



#54
cis-1,3-Dichloropropene
Concen: 53.357 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.5	26.2	39.4
39	47.8	37.1	55.7





#55

1,1,2-Trichloroethane

Concen: 48.250 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

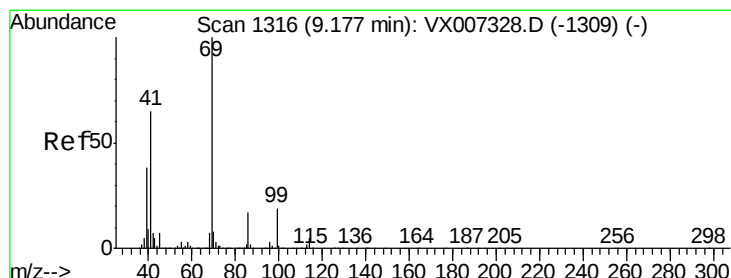
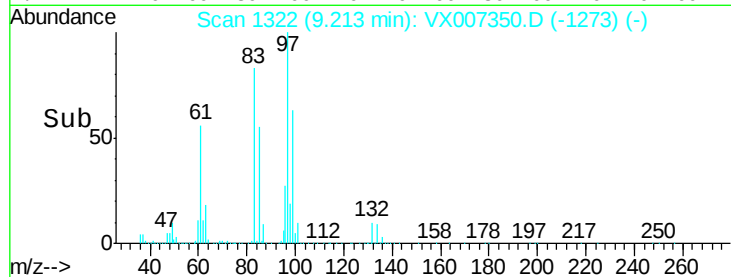
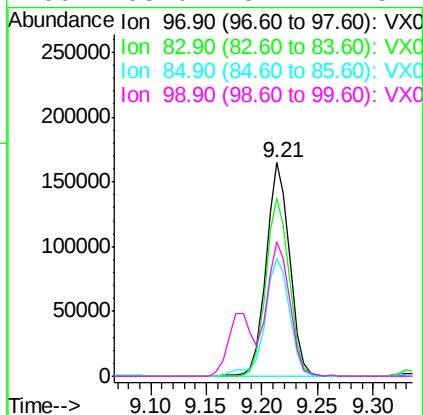
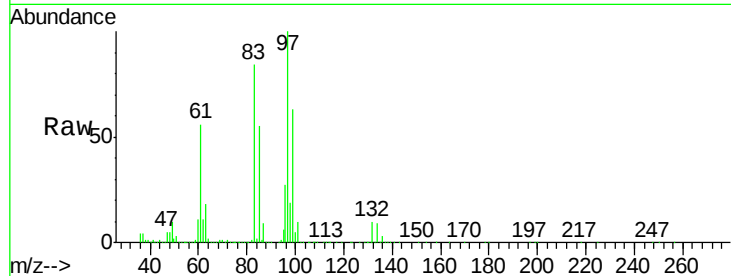
ClientSampled :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		242737		
83	83.6	68.6	102.8		
85	55.3	44.5	66.7		
99	63.0	52.2	78.4		

Manual Integrations
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2/5/2019 9:52:34 AM



#56

Ethyl methacrylate

Concen: 50.929 ug/l

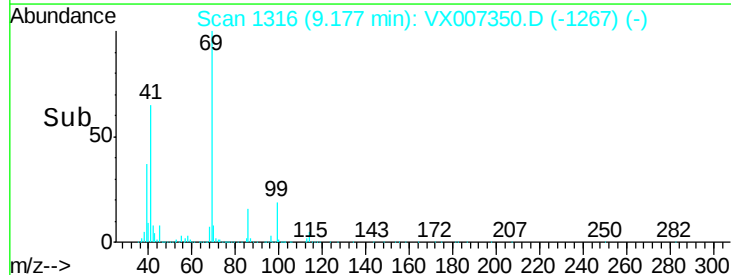
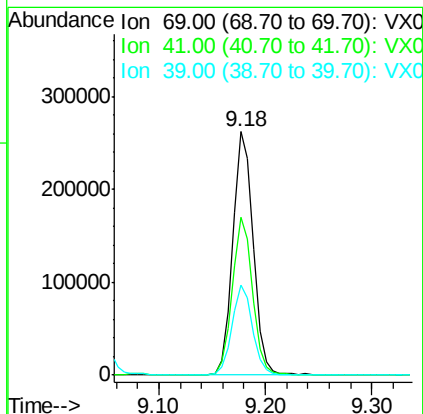
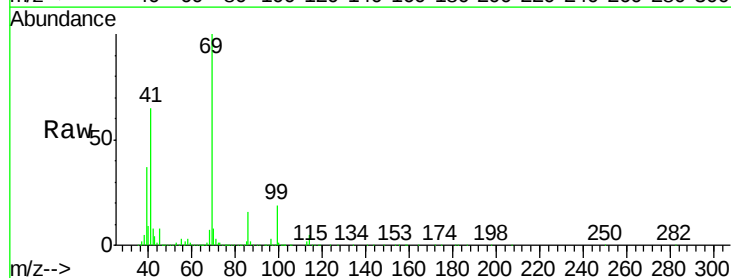
RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		354863		
41	63.8	52.1	78.1		
39	37.0	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 48.885 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 391106

Ion Ratio Lower Upper

76 100

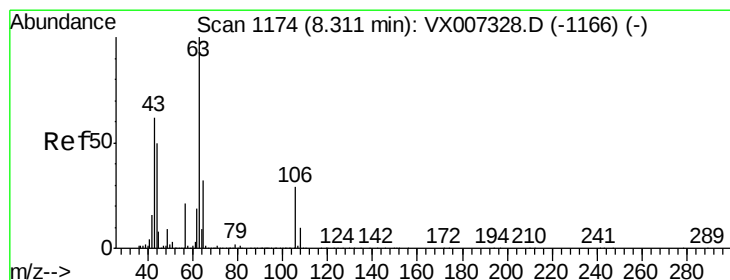
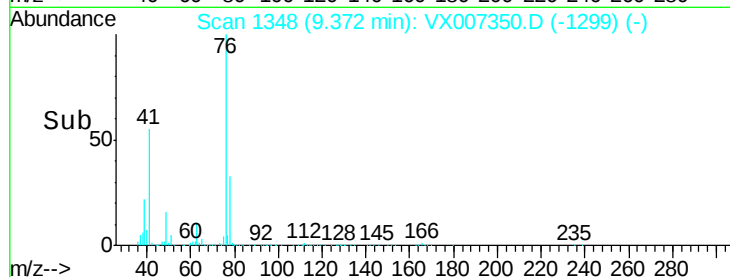
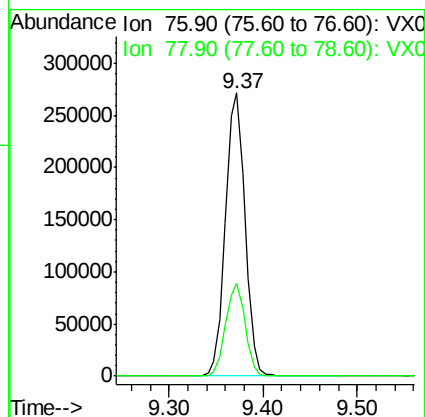
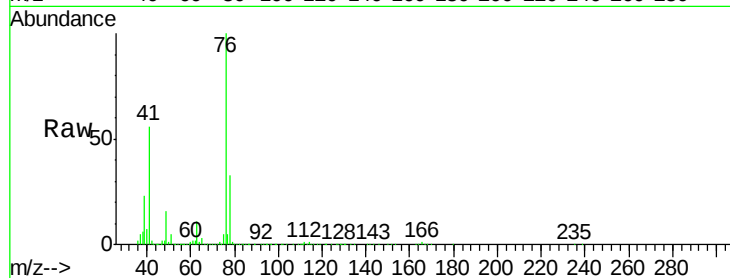
78 32.6 25.8 38.8

Manual Integrations

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MMDadoda

2/5/2019 9:52:34 AM



#58

2-Chloroethyl Vinyl ether

Concen: 263.127 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007350.D

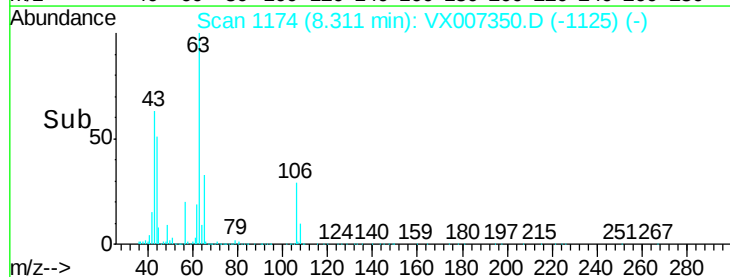
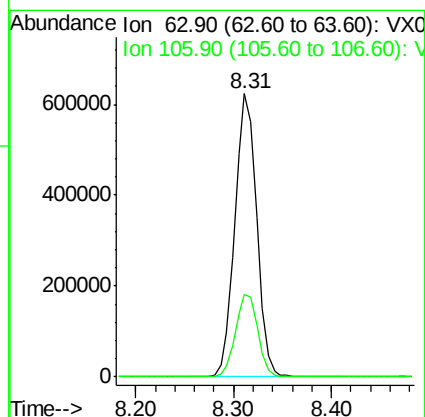
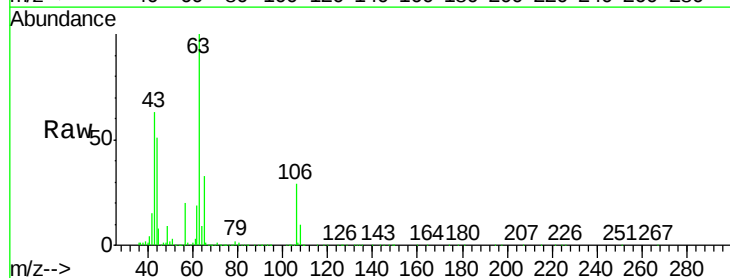
Acq: 04 Feb 2019 10:47

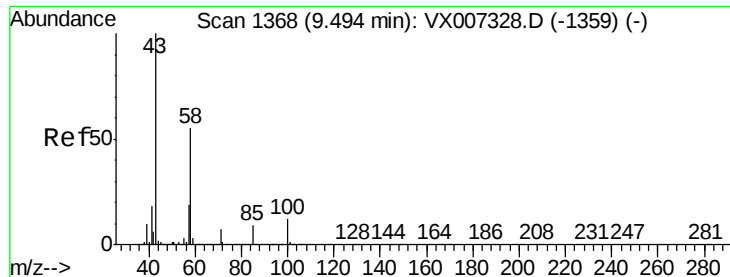
Tgt Ion: 63 Resp: 966356

Ion Ratio Lower Upper

63 100

106 30.1 23.6 35.4





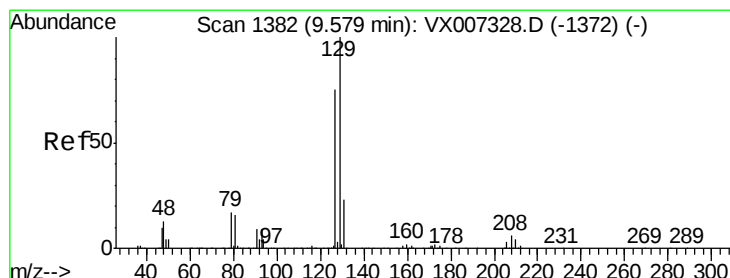
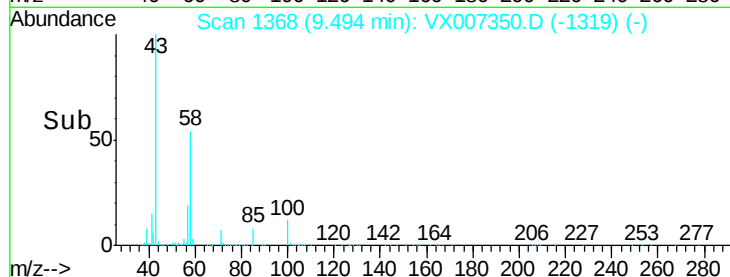
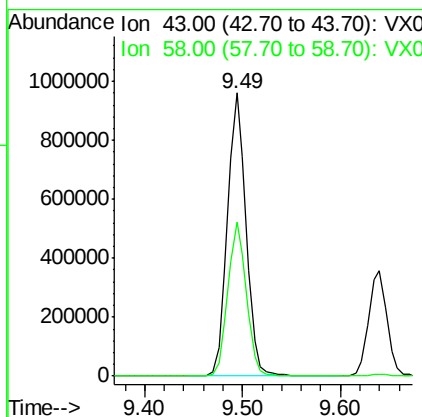
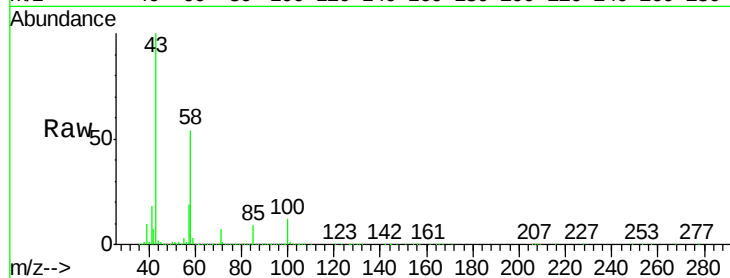
#59
2-Hexanone
Concen: 249.686 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1267342
Ion Ratio Lower Upper
43 100
58 54.0 27.1 81.3

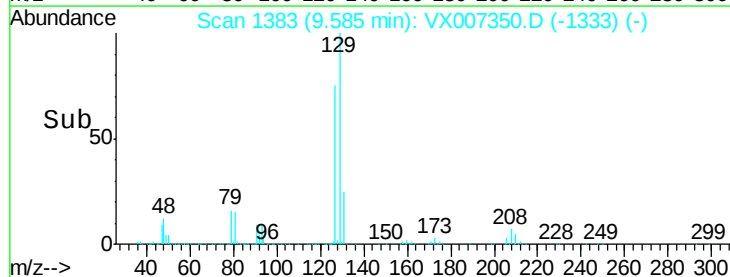
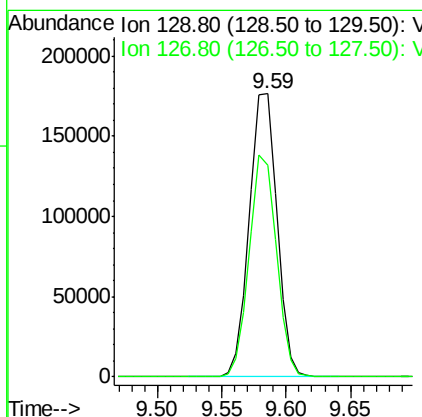
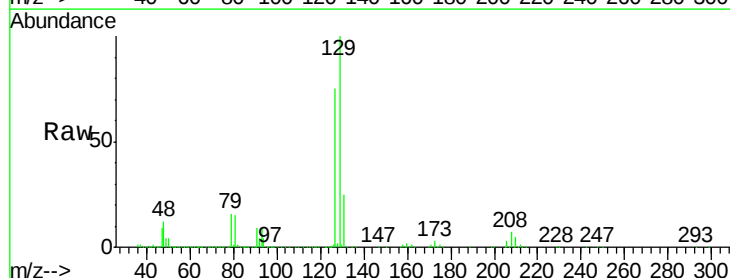
Manual Integrations
APPROVED

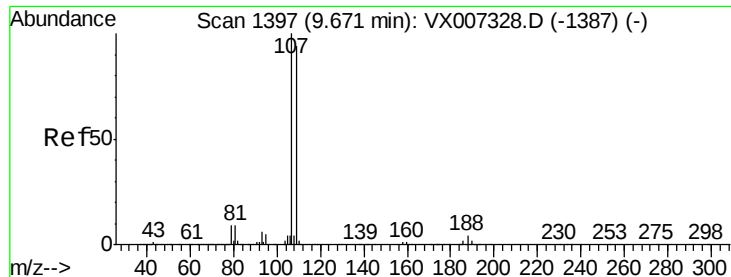
MMDadoda
2/5/2019 9:52:34 AM



#60
Dibromochloromethane
Concen: 55.145 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Tgt Ion: 129 Resp: 262380
Ion Ratio Lower Upper
129 100
127 77.0 37.8 113.4





#61

1,2-Dibromoethane

Concen: 49.921 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 265962

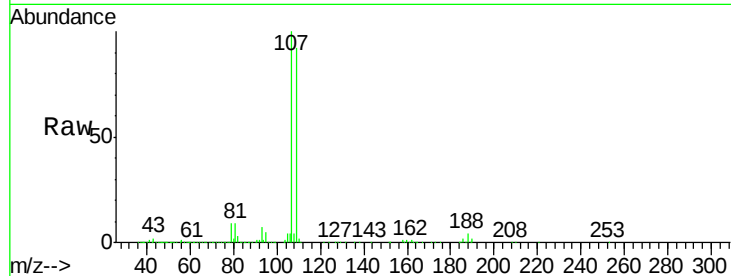
Ion Ratio Lower Upper

107 100

109 94.1 75.1 112.7

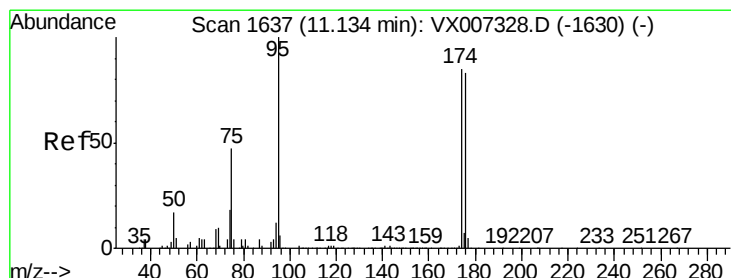
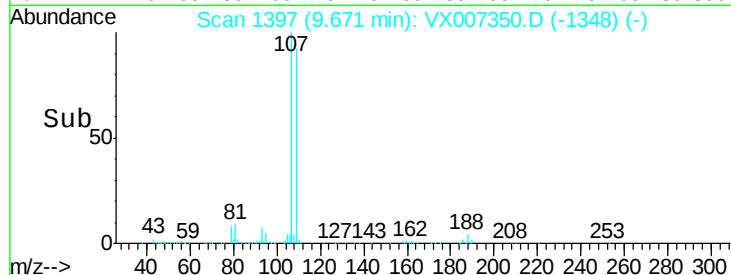
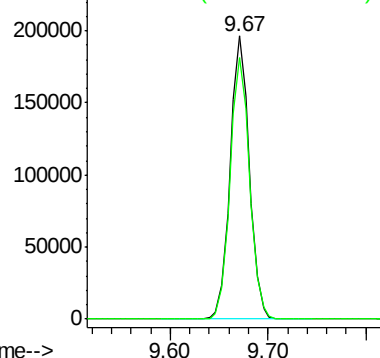
Manual Integrations
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2/5/2019 9:52:34 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.743 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

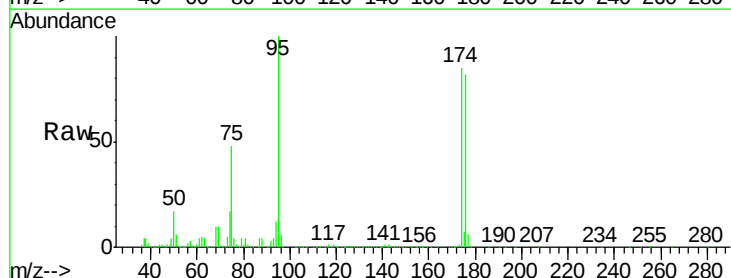
Tgt Ion: 95 Resp: 322773

Ion Ratio Lower Upper

95 100

174 95.2 0.0 189.2

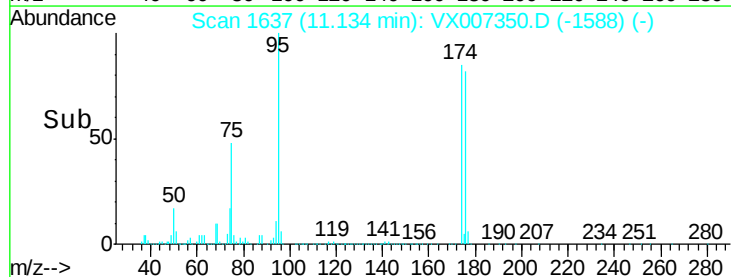
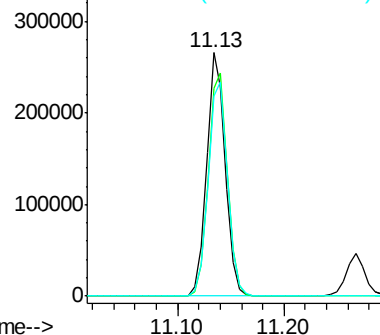
176 92.3 0.0 186.2

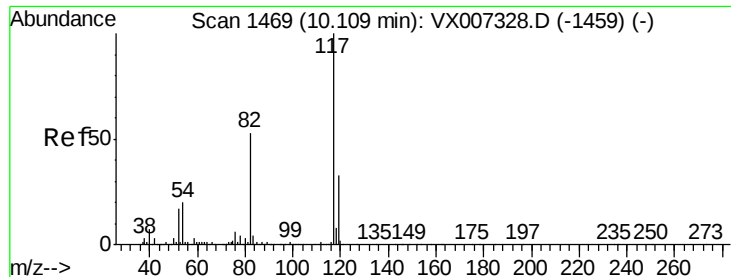


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





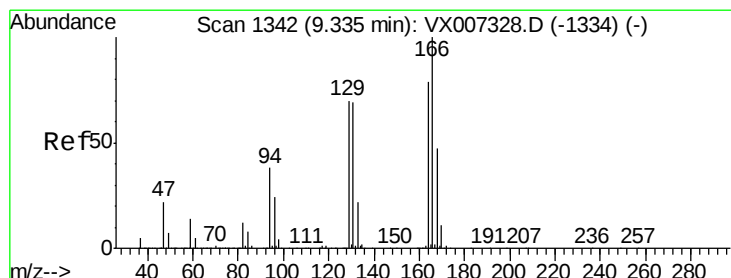
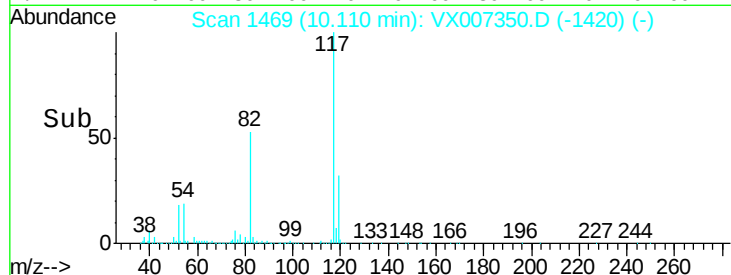
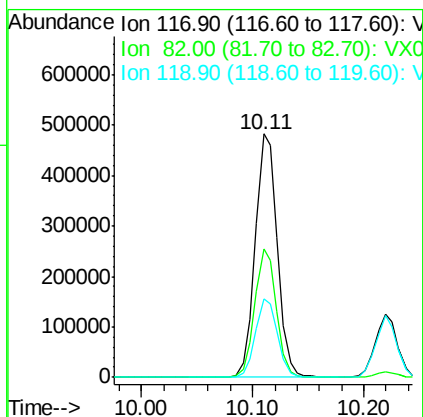
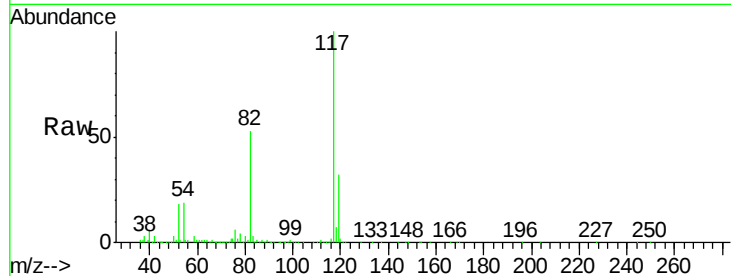
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.1	63.1
119	32.3	26.5	39.7

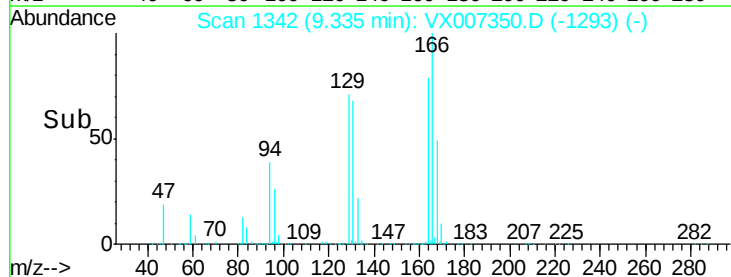
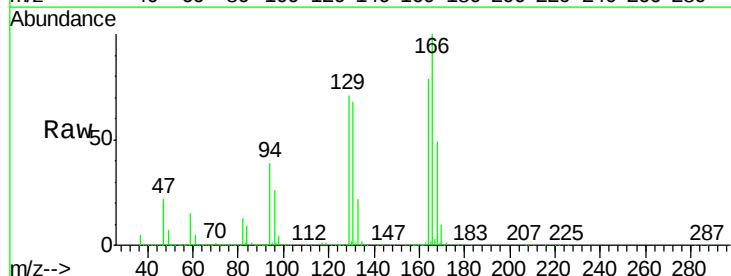
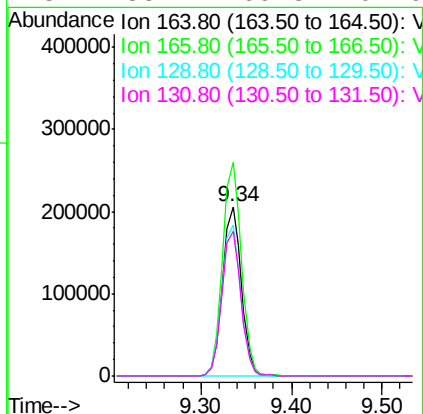
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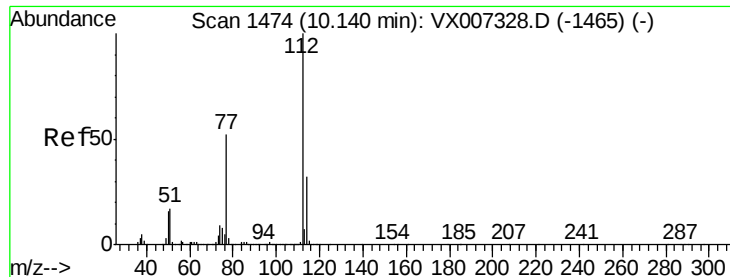
MMDadoda
2/5/2019 9:52:34 AM



#64
Tetrachloroethene
Concen: 47.644 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	101.0	151.4
129	89.3	70.5	105.7
131	85.2	69.8	104.6





#65

Chlorobenzene

Concen: 47.446 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:112 Resp: 689864

Ion Ratio Lower Upper

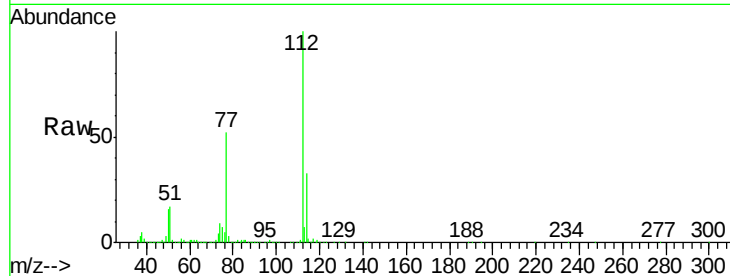
112 100

114 33.1 25.8 38.6

Manual Integrations
APPROVED

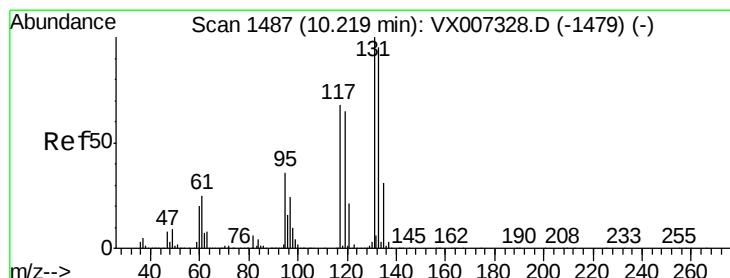
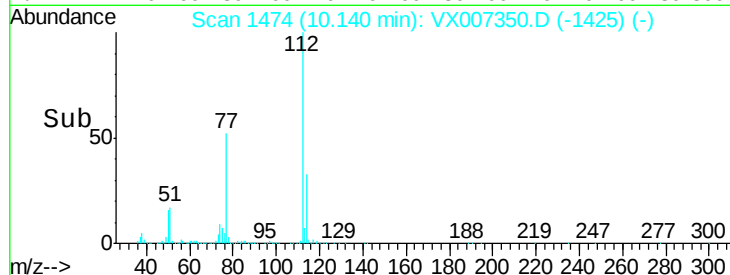
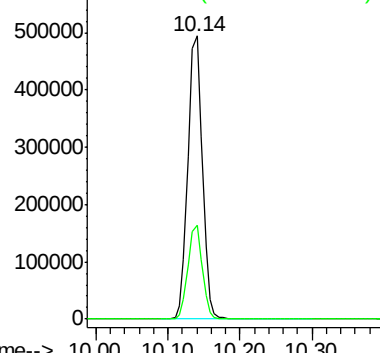
MMDadoda

2/5/2019 9:52:34 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.828 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

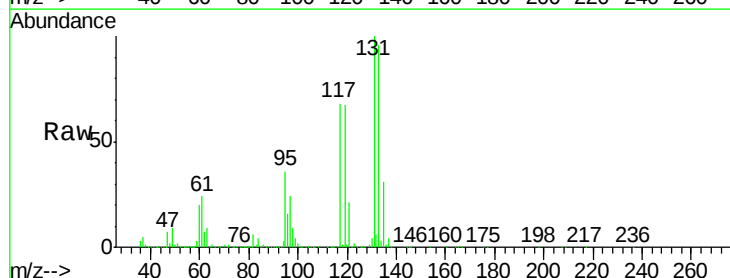
Tgt Ion:131 Resp: 252654

Ion Ratio Lower Upper

131 100

133 94.9 48.0 144.2

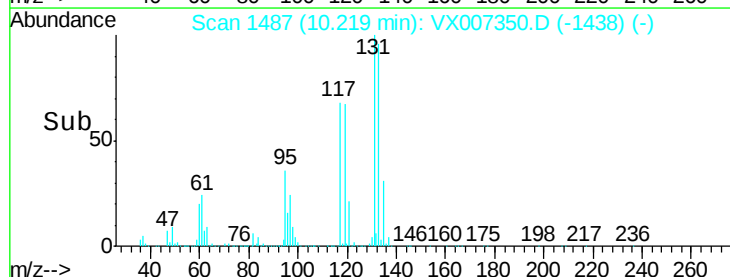
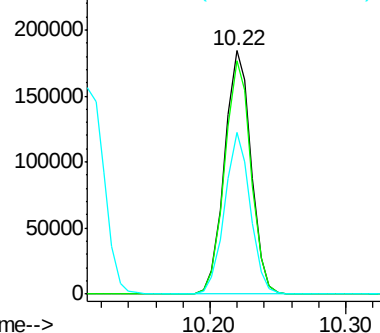
119 64.1 32.0 96.0

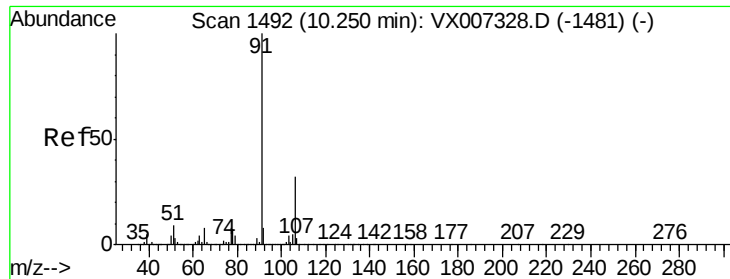


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





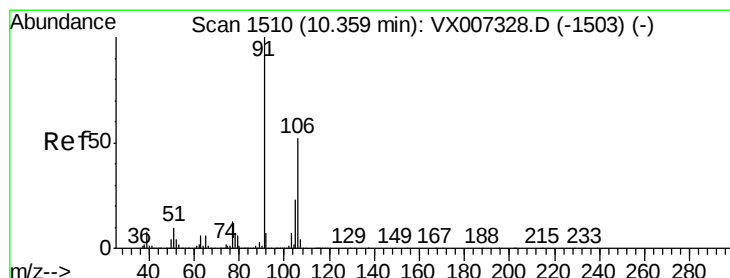
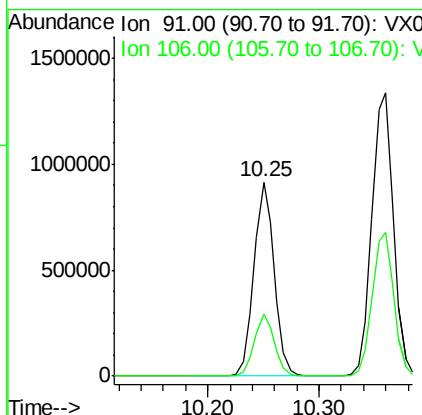
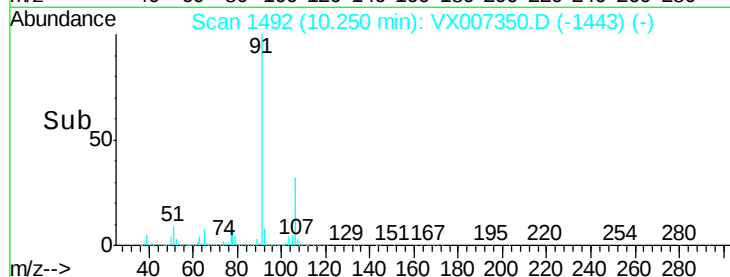
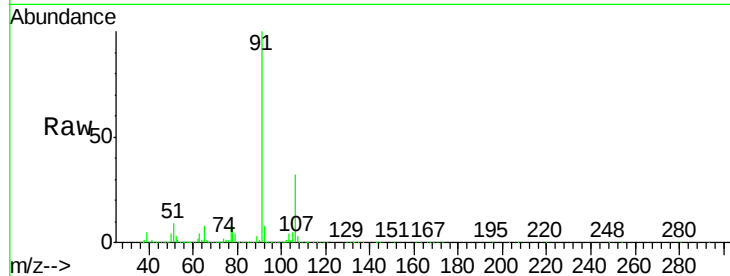
#67
Ethyl Benzene
Concen: 49.555 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1160334
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0

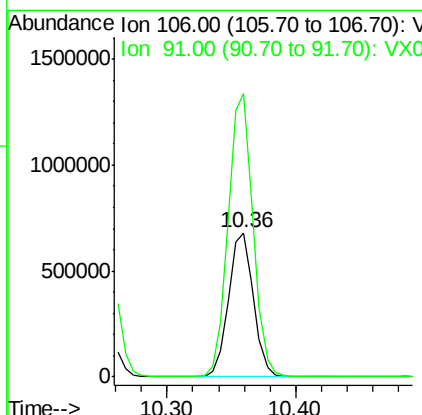
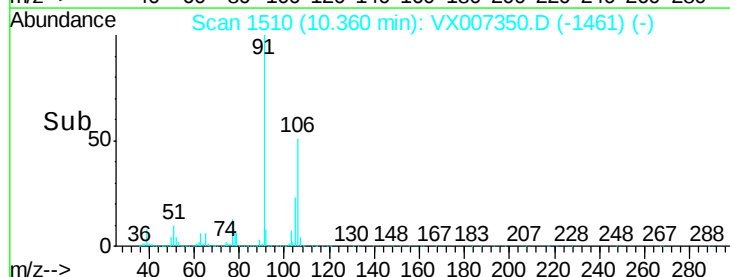
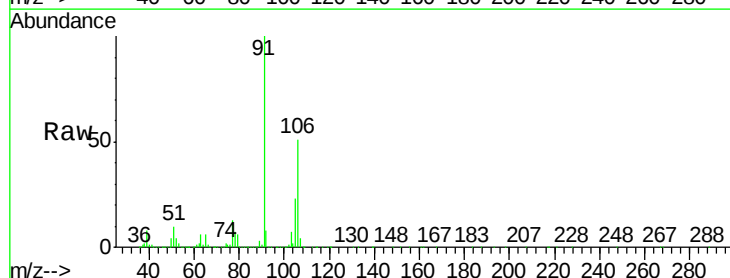
Manual Integrations
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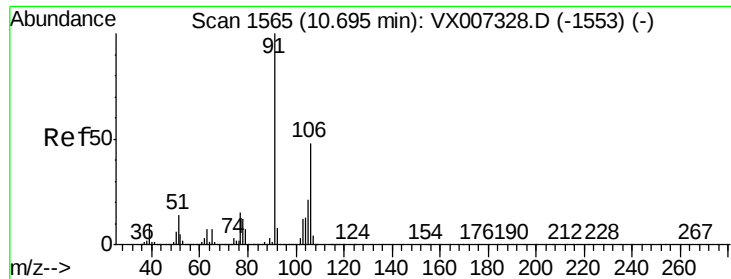
MMDadoda
2/5/2019 9:52:34 AM



#68
m/p-Xylenes
Concen: 98.901 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Tgt Ion: 106 Resp: 920538
Ion Ratio Lower Upper
106 100
91 197.2 156.6 234.8





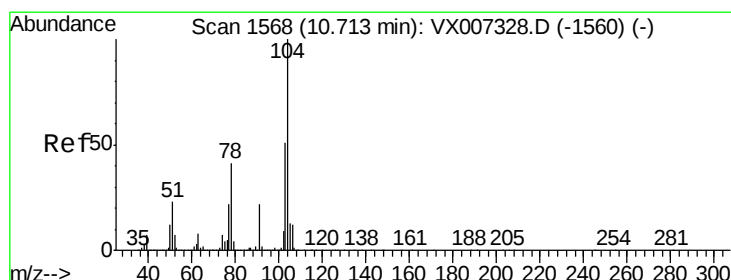
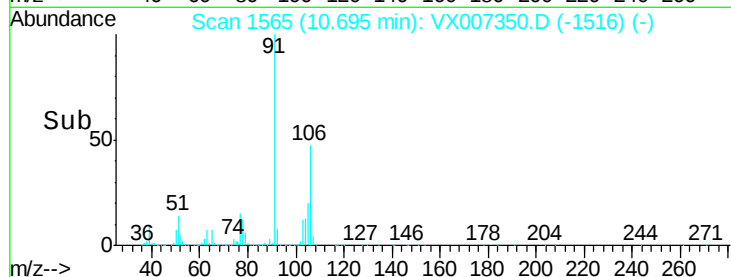
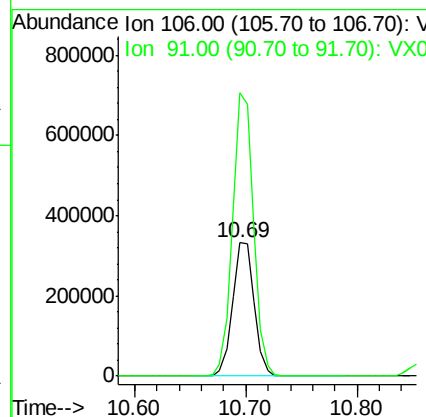
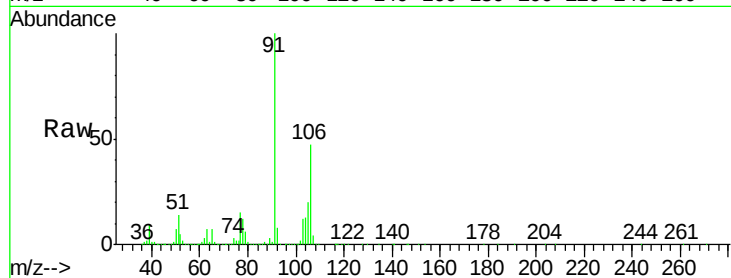
#69
o-Xylene
Concen: 49.501 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.5	102.9	308.7

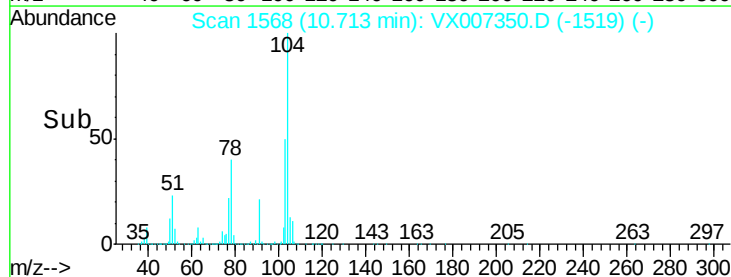
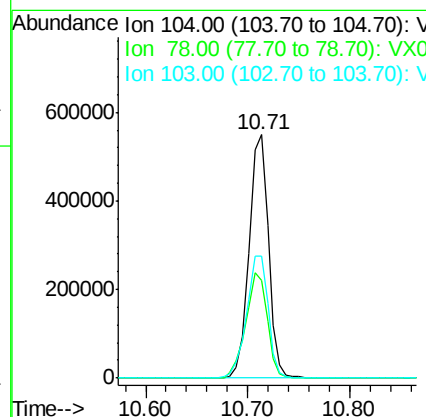
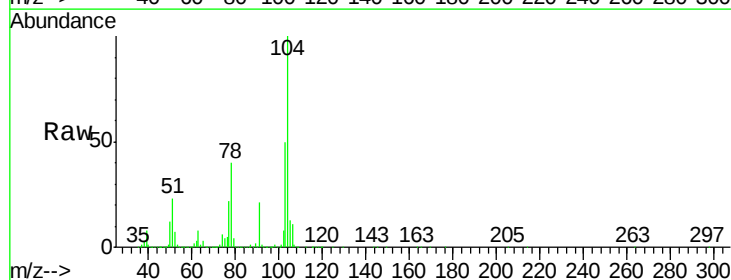
Manual Integrations
APPROVED

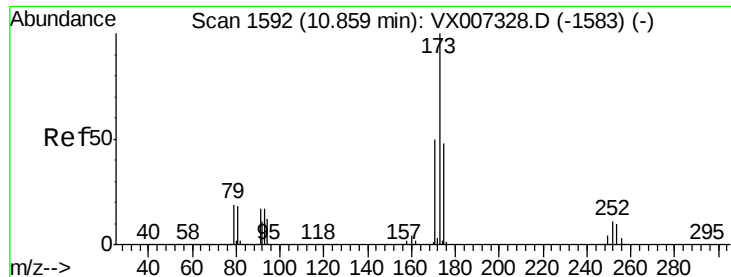
MMDadoda
2/5/2019 9:52:34 AM



#70
Styrene
Concen: 50.038 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.7	38.3	57.5
103	55.8	44.6	67.0





#71

Bromoform

Concen: 47.844 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

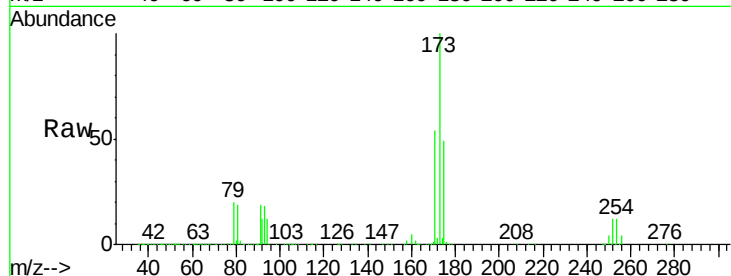
ClientSampleId :

VSTDCCC050

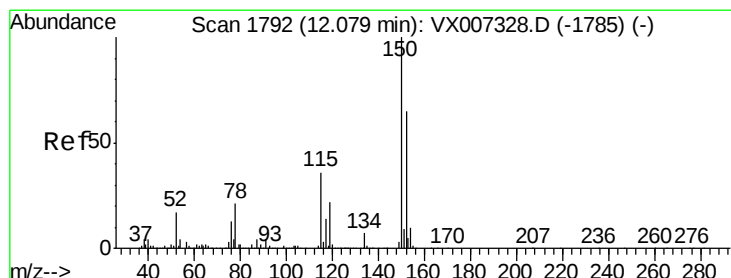
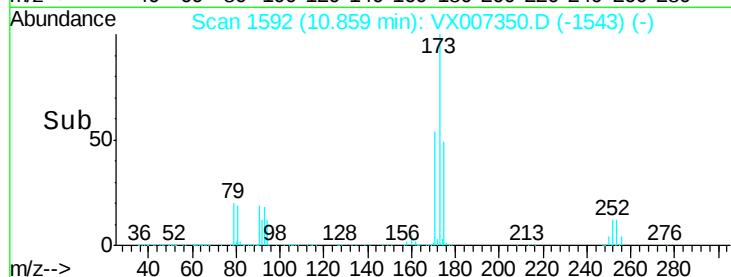
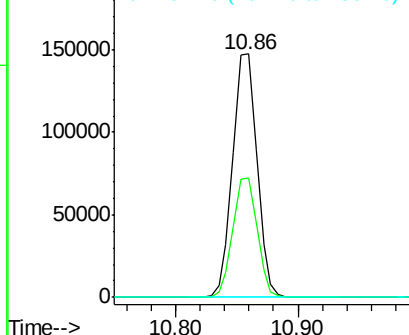
Tot Ion:	173	Resp:	203755
Ion Ratio	Lower	Upper	
173	100		
175	49.0	24.2	72.6
254	0.2	0.2	0.2

Manual Integrations
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2/5/2019 9:52:34 AM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

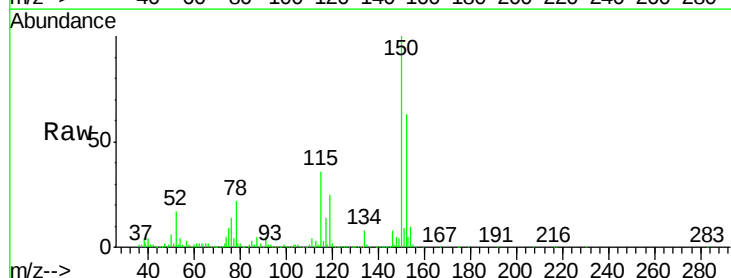
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

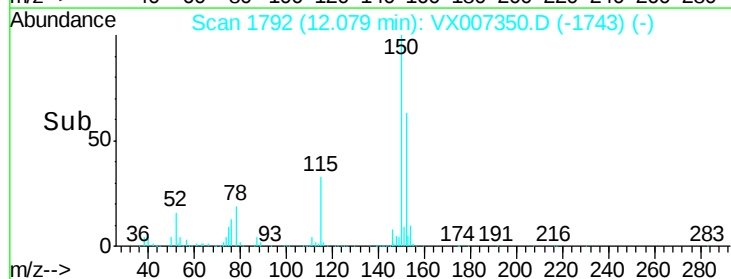
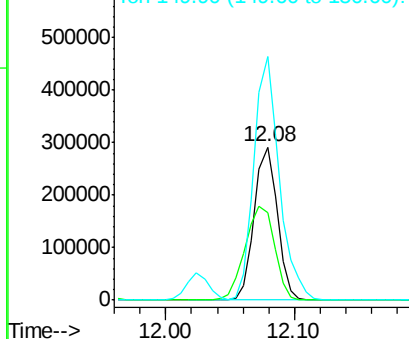
Lab File: VX007350.D

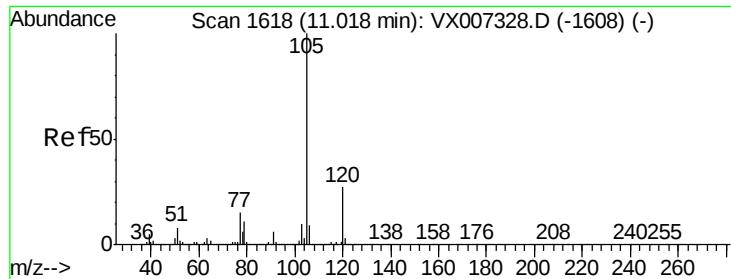
Acq: 04 Feb 2019 10:47

Tgt Ion:	152	Resp:	359200
Ion Ratio	Lower	Upper	
152	100		
115	78.7	38.0	114.0
150	174.4	0.0	346.4



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





#73

Isopropylbenzene

Concen: 49.218 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1201385

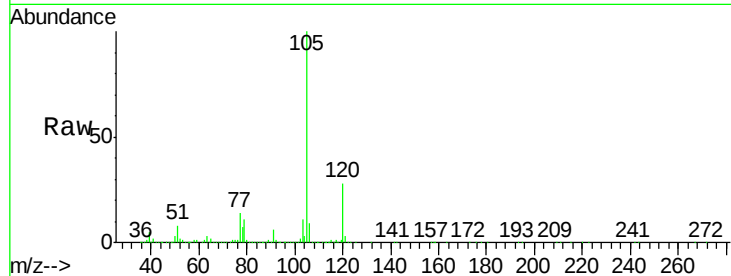
Ion Ratio Lower Upper

105 100

120 27.5 13.6 40.7

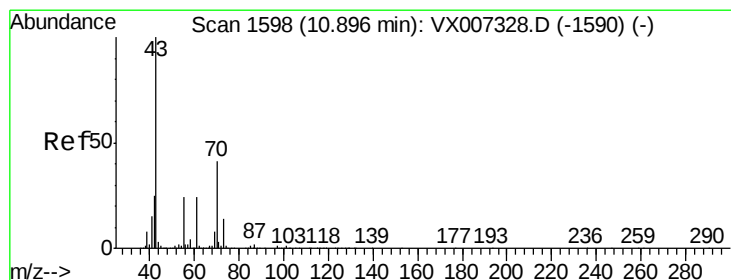
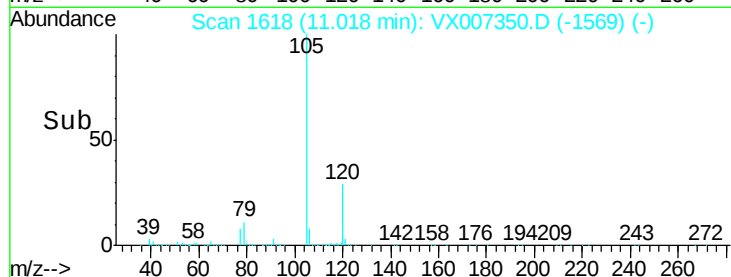
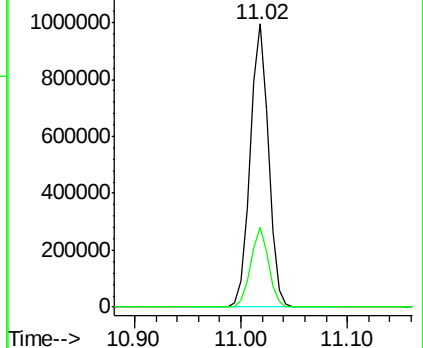
Manual Integrations
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2/5/2019 9:52:34 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.979 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Tgt Ion: 43 Resp: 462428

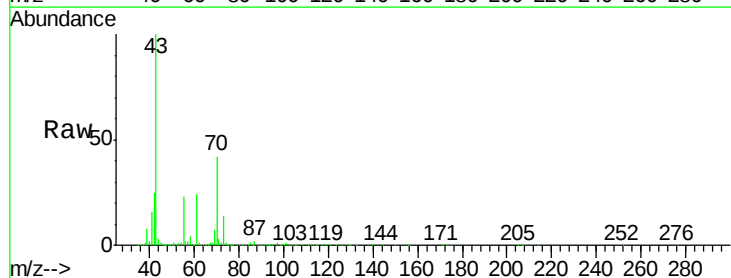
Ion Ratio Lower Upper

43 100

70 42.2 33.8 50.6

55 24.2 19.5 29.3

61 24.6 19.4 29.2

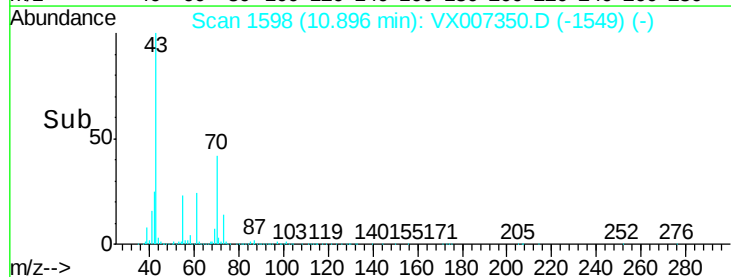
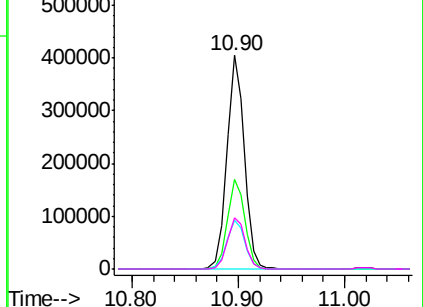


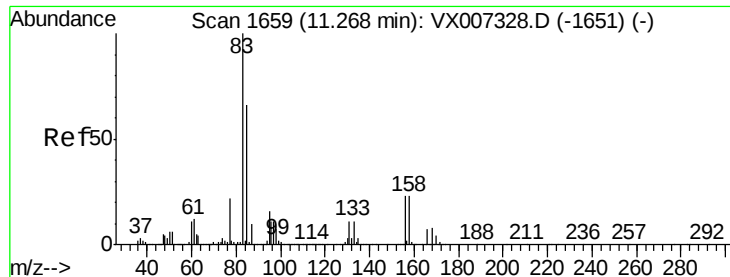
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.304 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

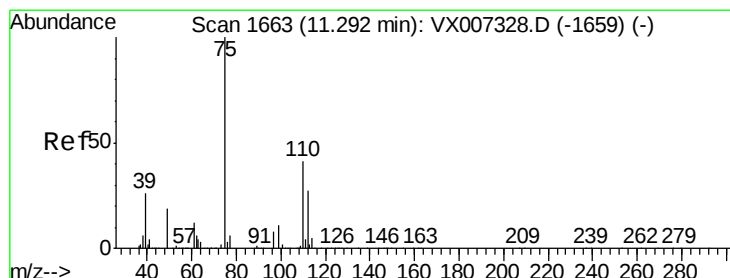
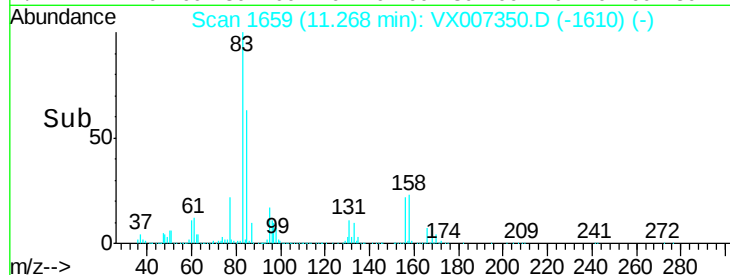
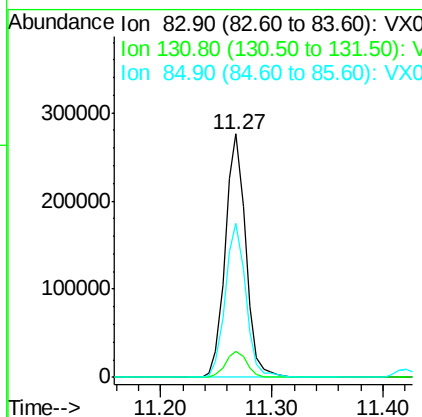
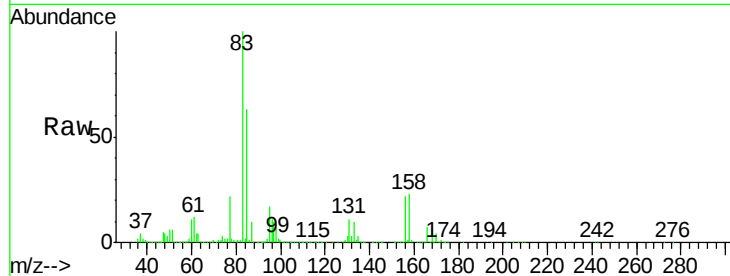
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	351899
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.7	17.0
85	63.7	32.8	98.3

Manual Integrations
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MMDadoda
2/5/2019 9:52:34 AM



#76

1,2,3-Trichloropropane

Concen: 49.438 ug/l m

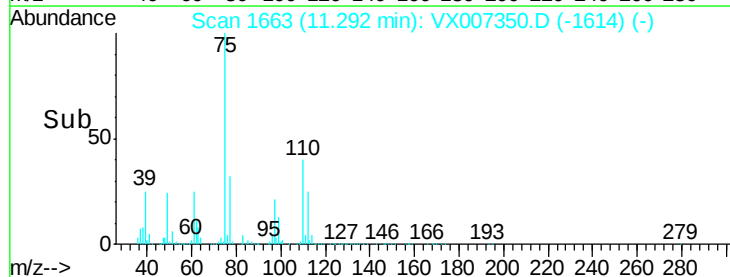
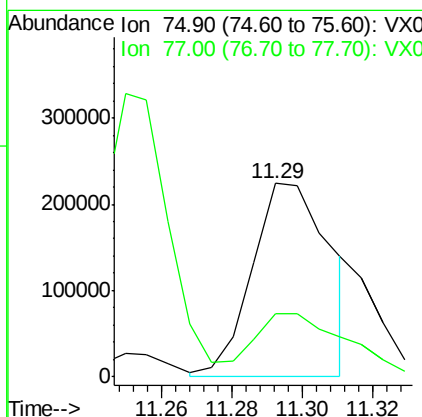
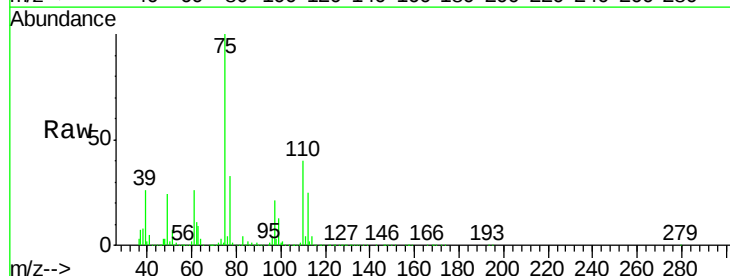
RT: 11.29 min Scan# 1663

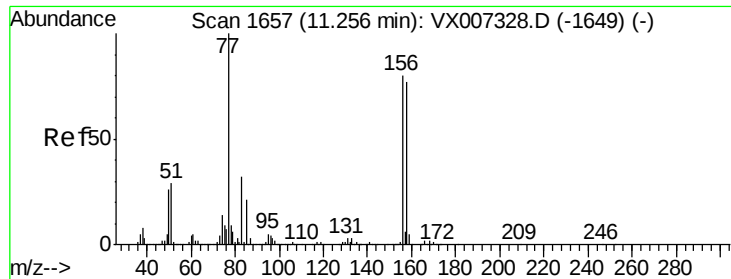
Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Tgt Ion:	75	Resp:	345416
Ion Ratio	Lower	Upper	
75	100		
77	39.4	23.0	69.0





#77

Bromobenzene

Concen: 46.888 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

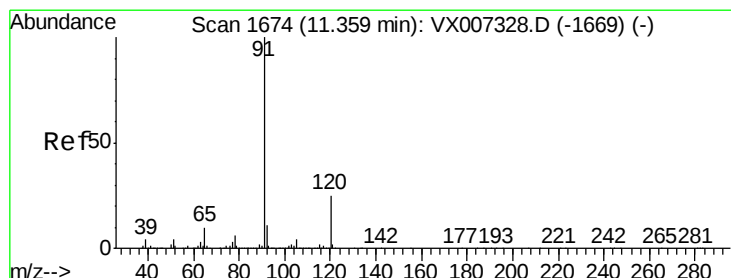
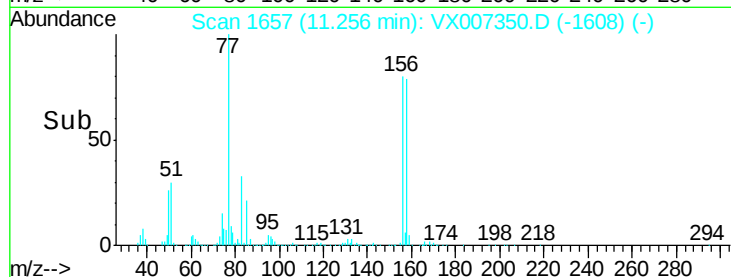
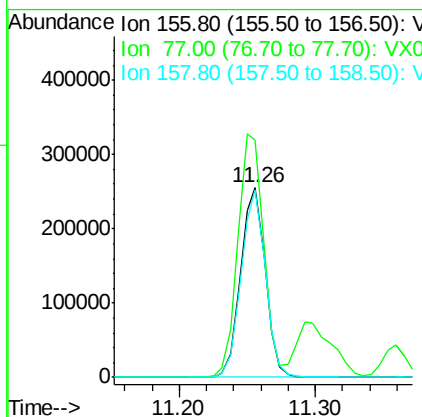
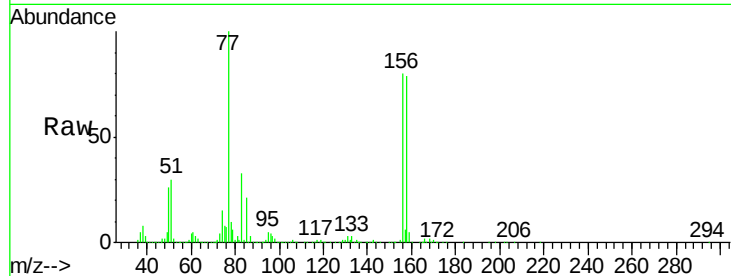
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	133.8	66.8	200.6
158	97.6	47.9	143.8

Manual Integrations
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2/5/2019 9:52:34 AM



#78

n-propylbenzene

Concen: 51.209 ug/l

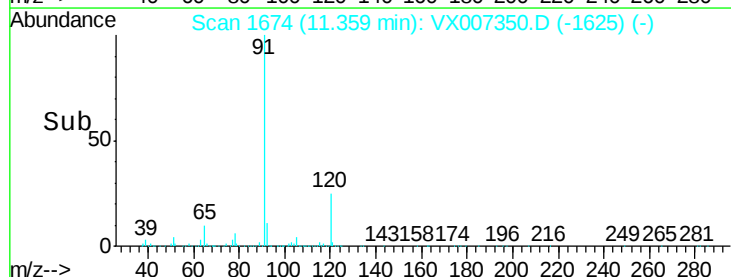
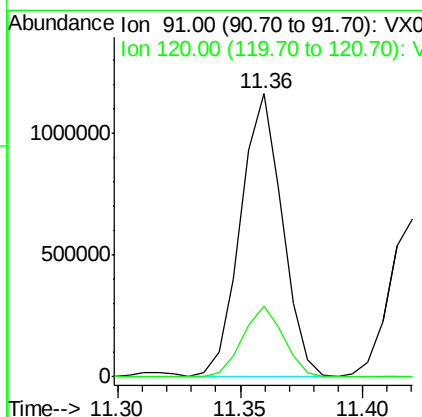
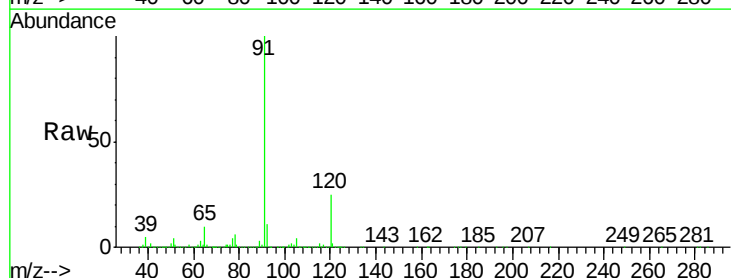
RT: 11.36 min Scan# 1674

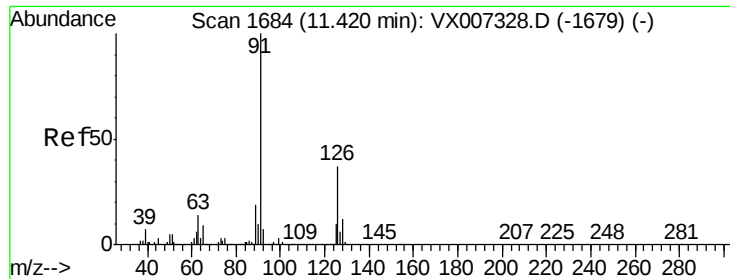
Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.4	37.2





#79

2-Chlorotoluene

Concen: 48.361 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 785451

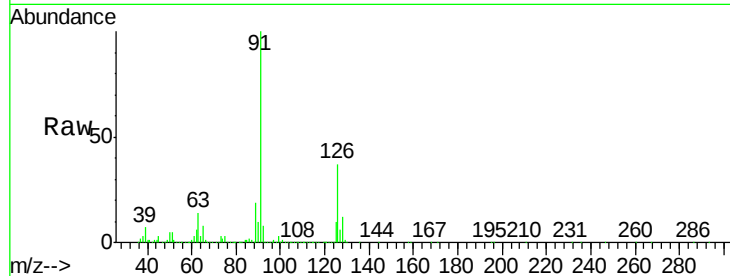
Ion Ratio Lower Upper

91 100

126 37.2 18.7 56.1

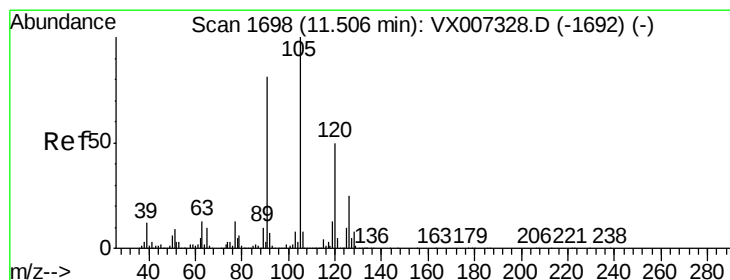
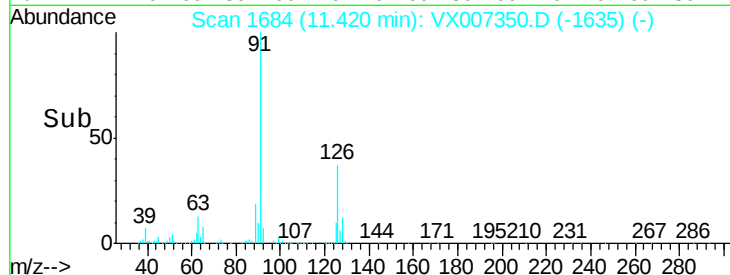
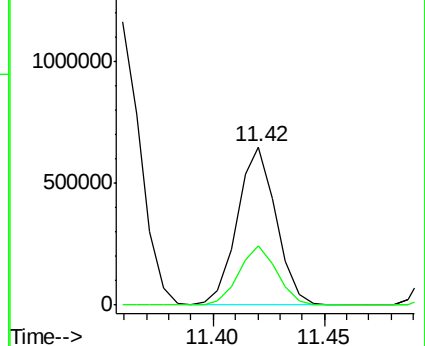
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.130 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007350.D

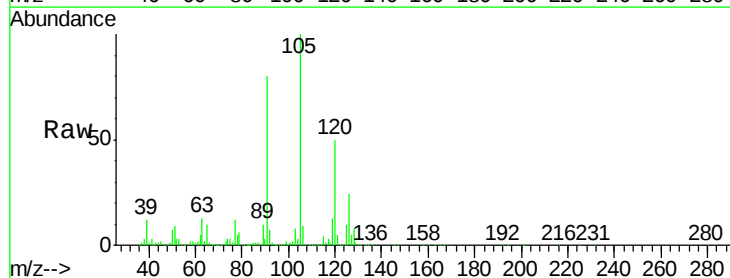
Acq: 04 Feb 2019 10:47

Tgt Ion:105 Resp: 1001103

Ion Ratio Lower Upper

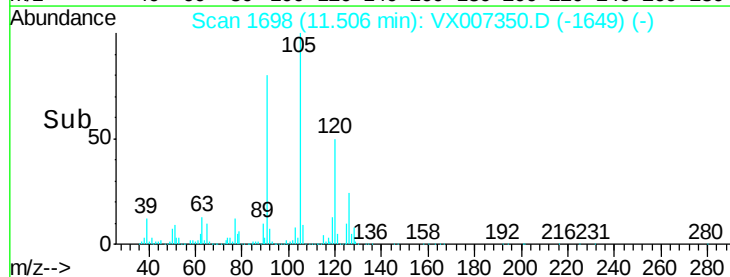
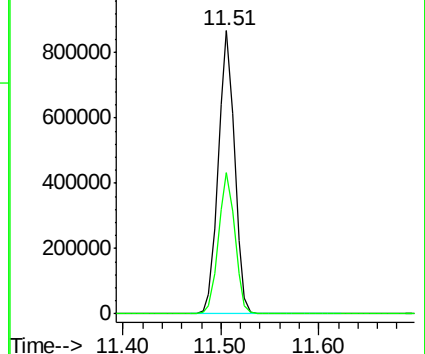
105 100

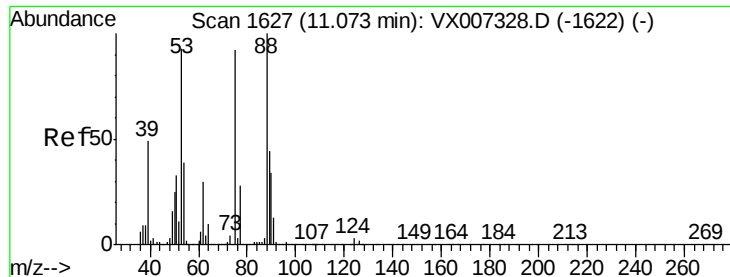
120 50.3 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





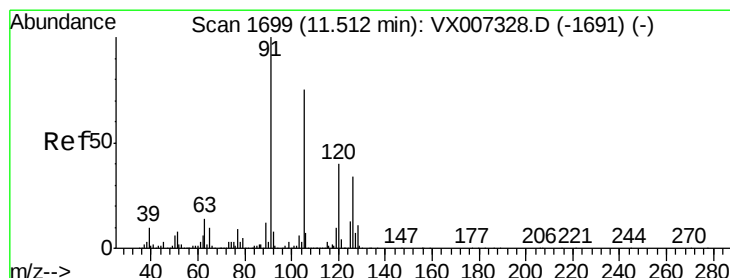
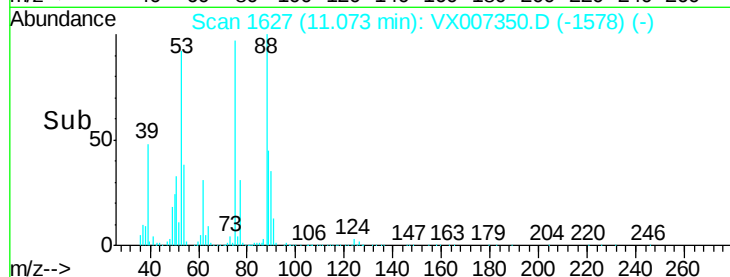
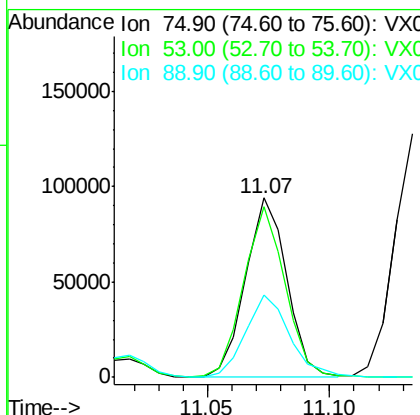
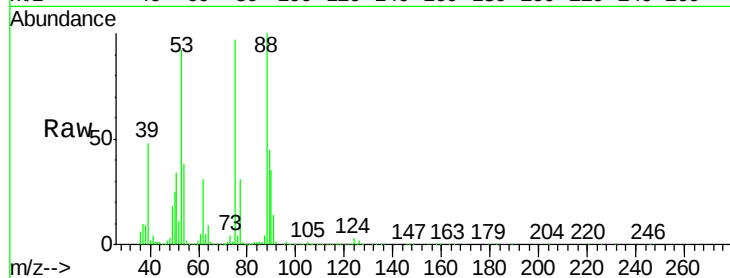
#81
trans-1,4-Dichloro-2-butene
Concen: 48.891 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.5	81.0	121.6
89	50.0	41.4	62.0

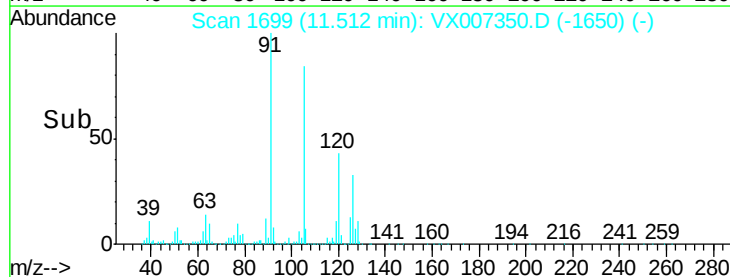
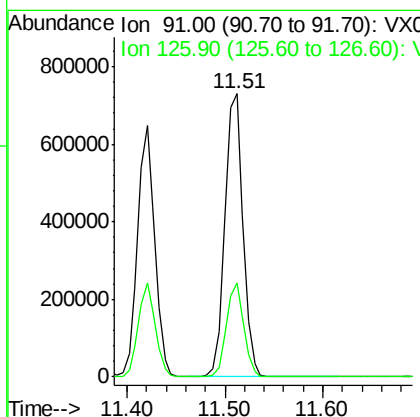
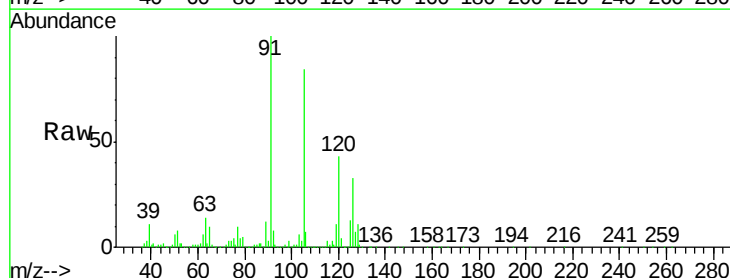
Manual Integrations
APPROVED

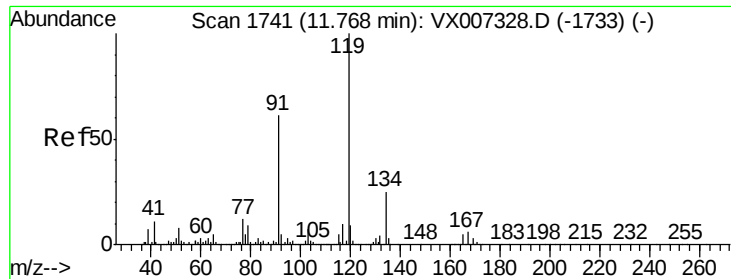
MMDadoda
2/5/2019 9:52:34 AM



#82
4-Chlorotoluene
Concen: 49.820 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.2	48.5





#83

tert-Butylbenzene

Concen: 49.275 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

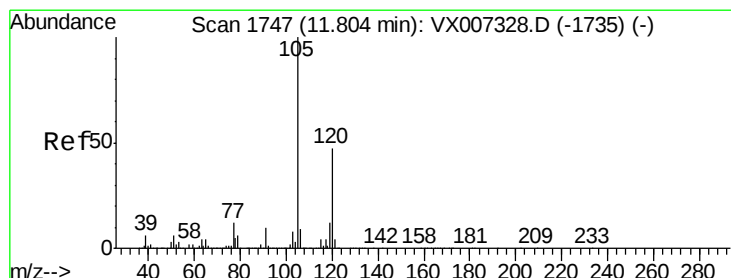
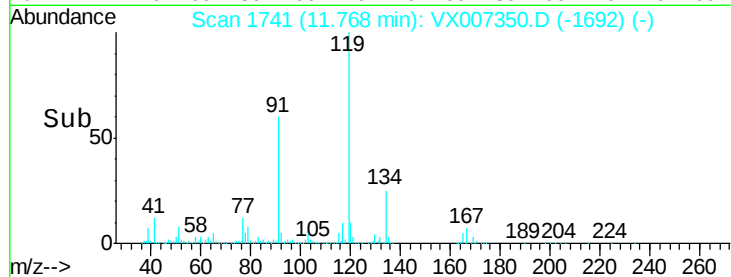
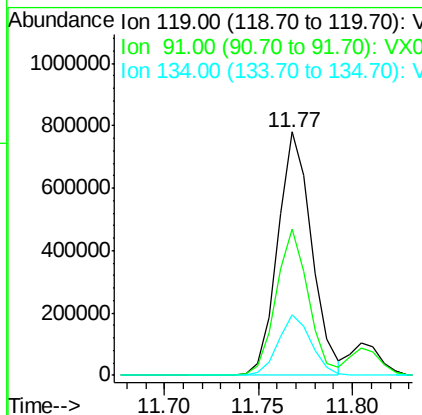
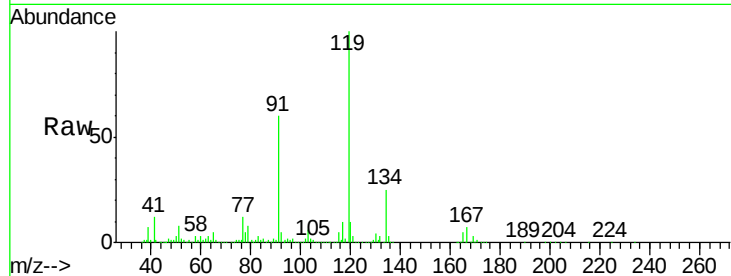
ClientSampled :

VSTDCCC050

Tot Ion:	119	Resp:	974235
Ion Ratio	Lower	Upper	
119	100		
91	57.2	28.5	85.6
134	23.9	12.0	36.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 50.096 ug/l

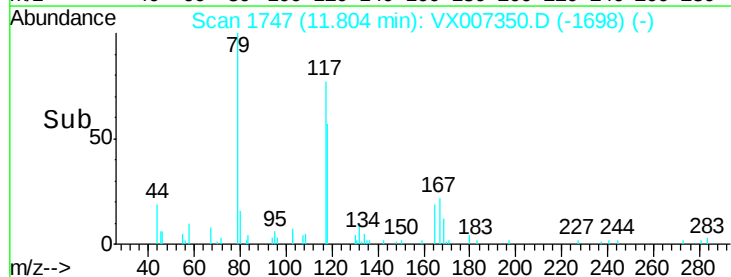
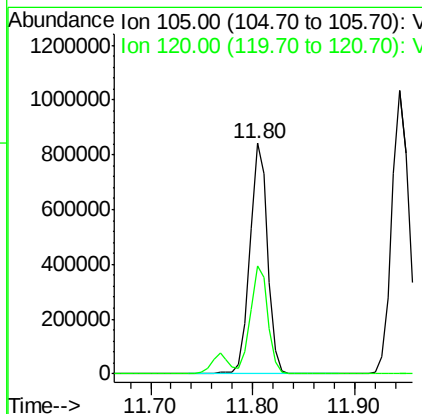
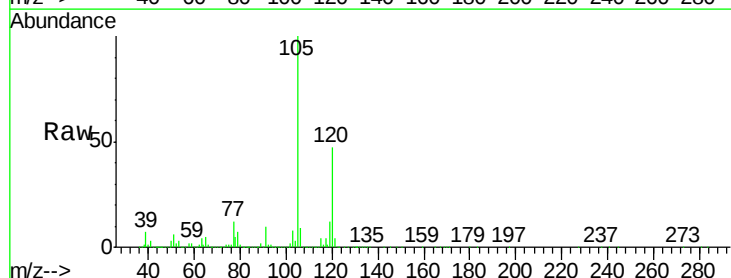
RT: 11.80 min Scan# 1747

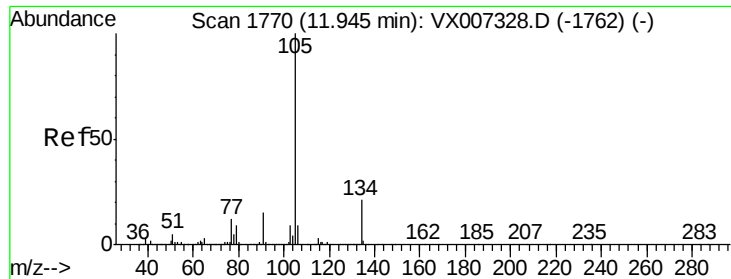
Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Tgt Ion:	105	Resp:	1015649
Ion Ratio	Lower	Upper	
105	100		
120	46.0	23.1	69.3





#85

sec-Butylbenzene

Concen: 51.112 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1223105

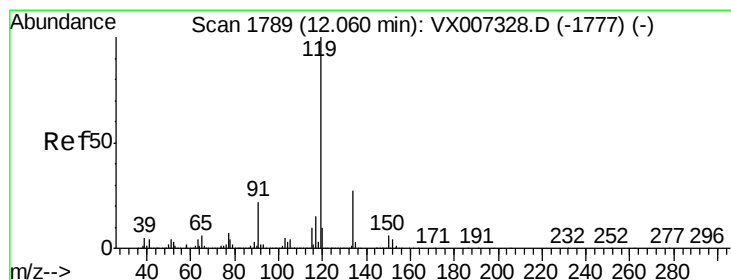
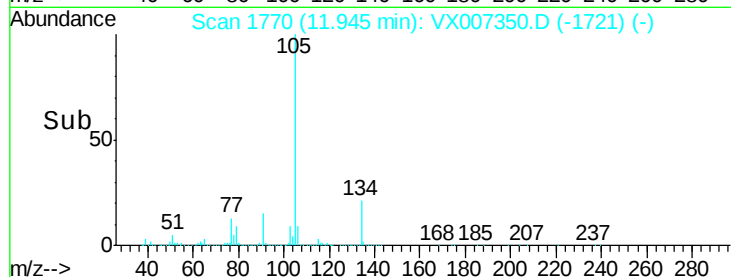
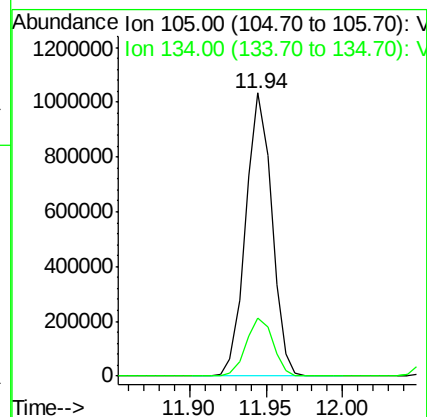
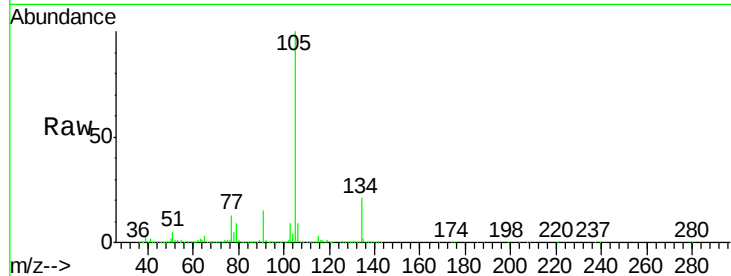
Ion Ratio Lower Upper

105 100

134 21.3 10.6 31.8

Manual Integrations
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2/5/2019 9:52:34 AM



#86

p-Isopropyltoluene

Concen: 51.463 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

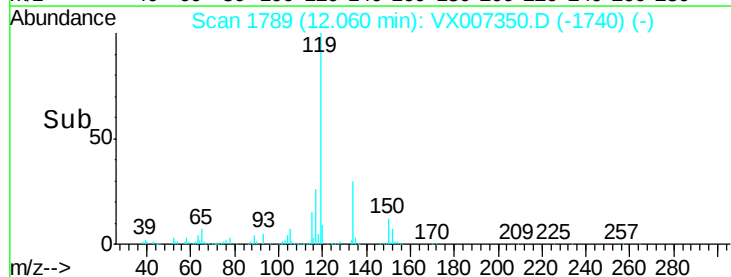
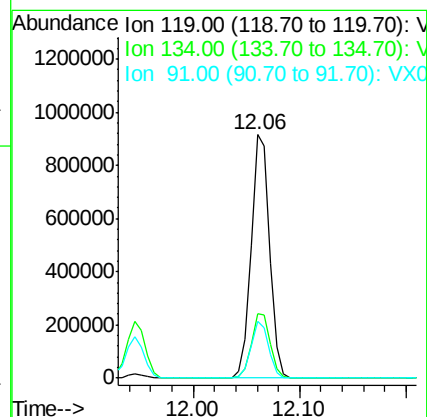
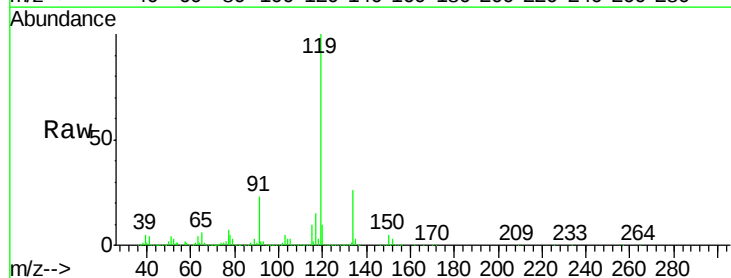
Tgt Ion:119 Resp: 1111661

Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.1

91 22.6 11.2 33.5





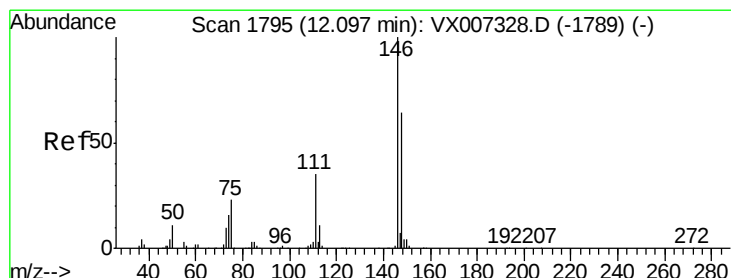
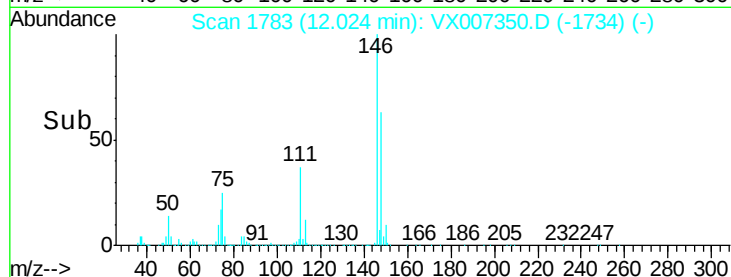
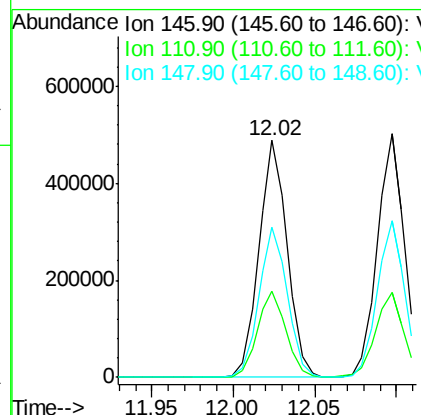
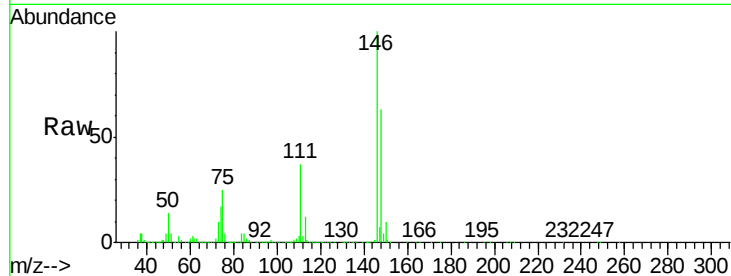
#87
 1,3-Dichlorobenzene
 Concen: 47.611 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007350.D
 Acq: 04 Feb 2019 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	36.8	18.1	54.1
148	63.5	32.0	96.2

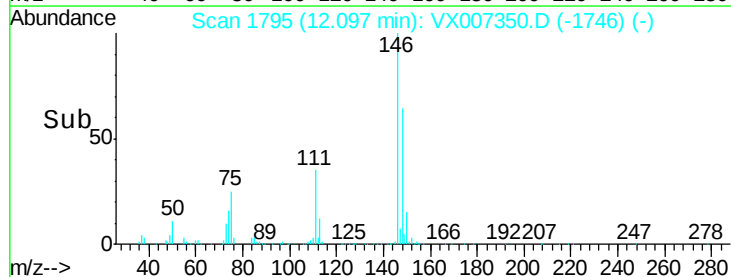
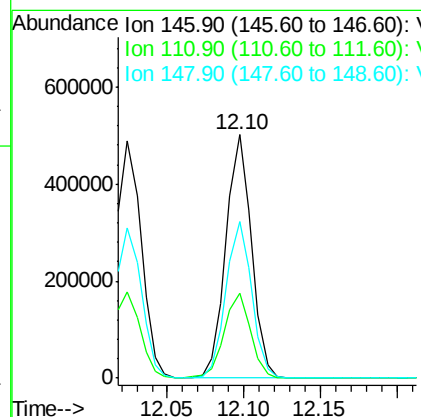
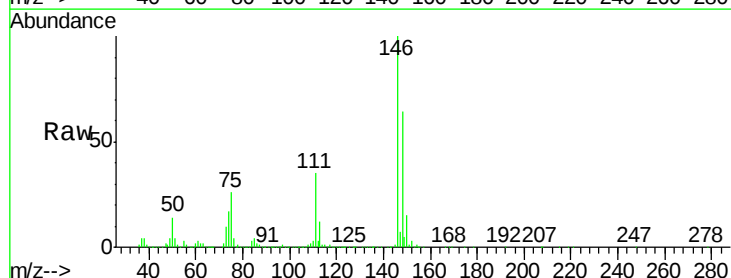
Manual Integrations
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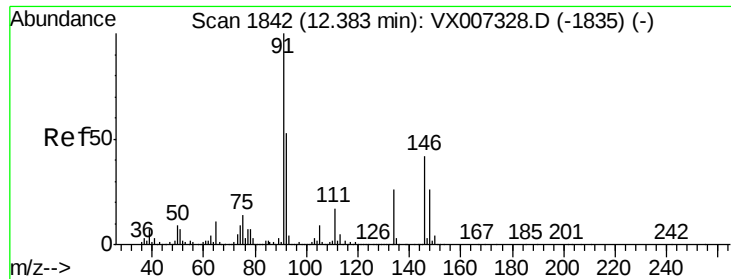
MMDadoda
 2/5/2019 9:52:34 AM



#88
 1,4-Dichlorobenzene
 Concen: 46.401 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007350.D
 Acq: 04 Feb 2019 10:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	36.2	18.1	54.1
148	64.9	32.3	96.9





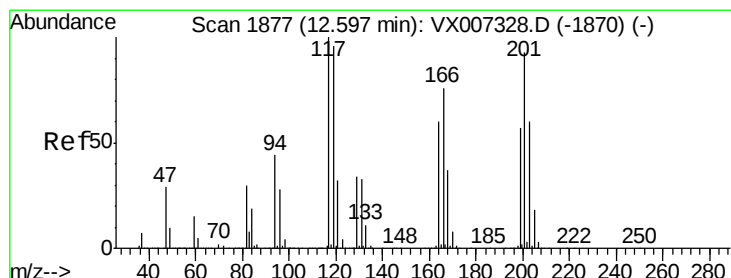
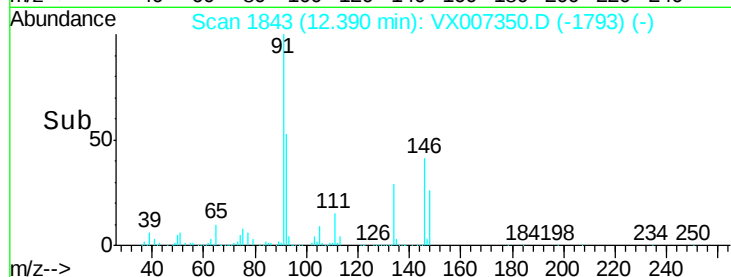
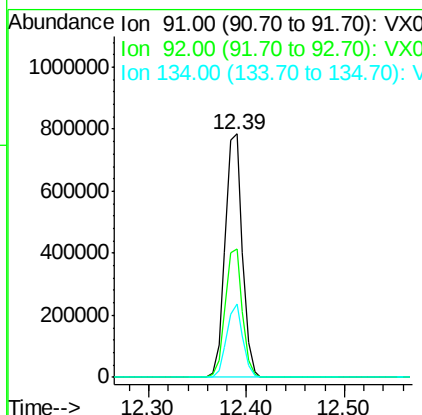
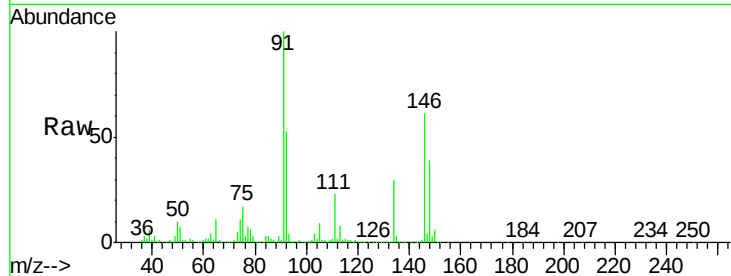
#89
n-Butylbenzene
Concen: 51.281 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.3	78.9
134	28.6	13.9	41.6

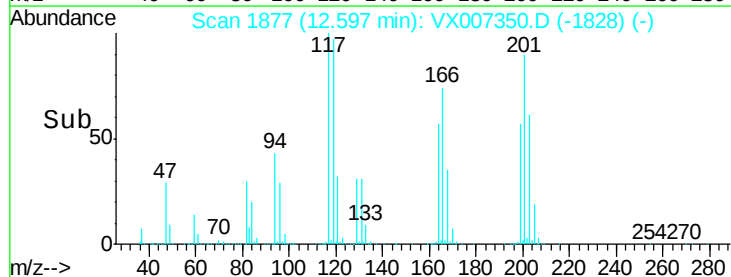
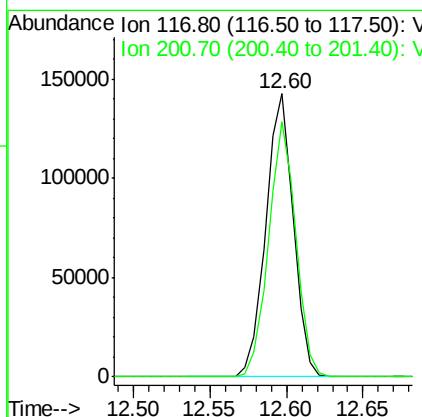
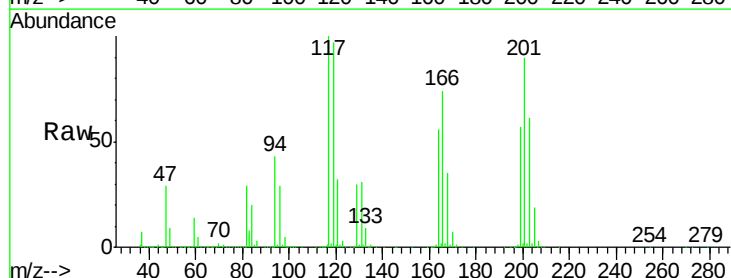
Manual Integrations
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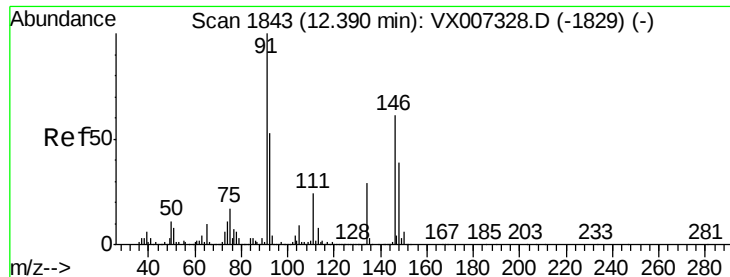
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2/5/2019 9:52:34 AM



#90
Hexachloroethane
Concen: 55.623 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007350.D
Acq: 04 Feb 2019 10:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.8	44.9	134.7





#91

1,2-Dichlorobenzene

Concen: 46.872 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

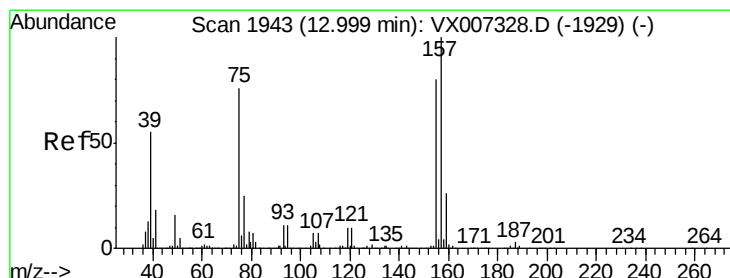
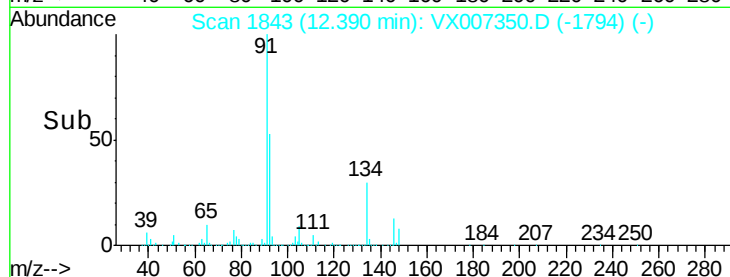
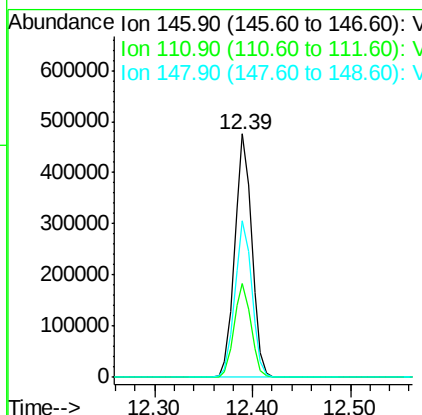
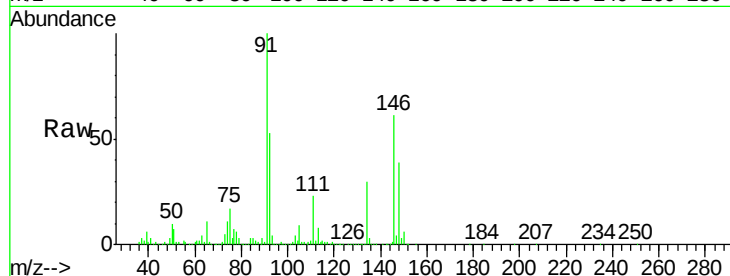
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	575755
Ion Ratio	Lower	Upper	
146	100		
111	38.1	19.1	57.3
148	64.2	32.1	96.3

Manual Integrations
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2/5/2019 9:52:34 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.510 ug/l

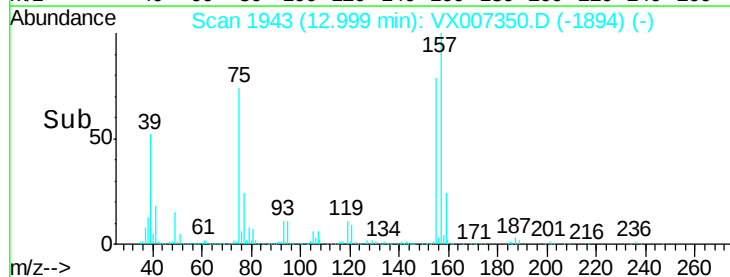
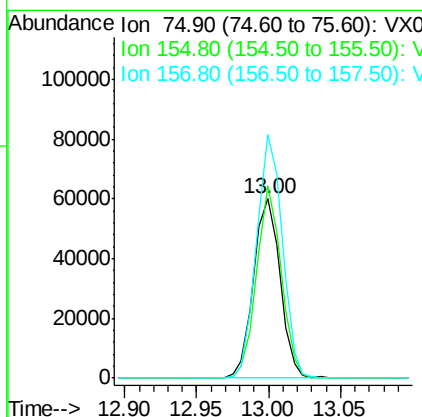
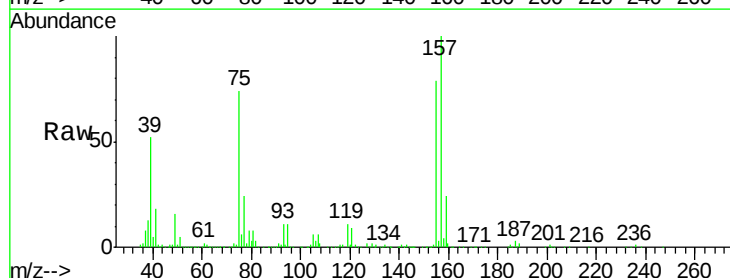
RT: 13.00 min Scan# 1943

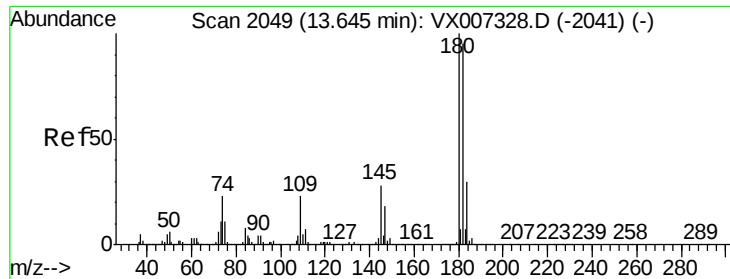
Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Tgt Ion:	75	Resp:	76582
Ion Ratio	Lower	Upper	
75	100		
155	98.8	49.6	149.0
157	131.1	65.1	195.3





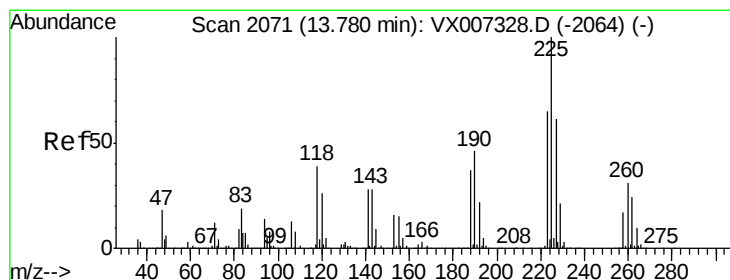
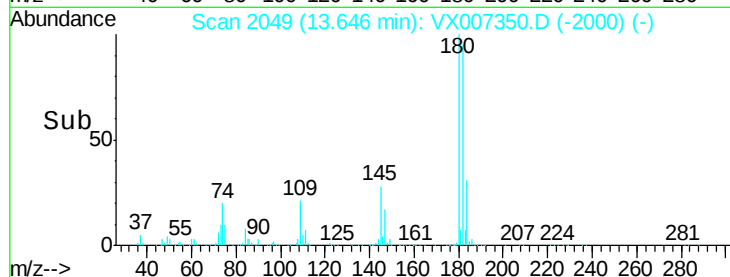
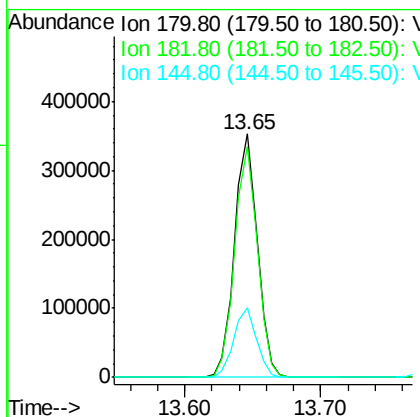
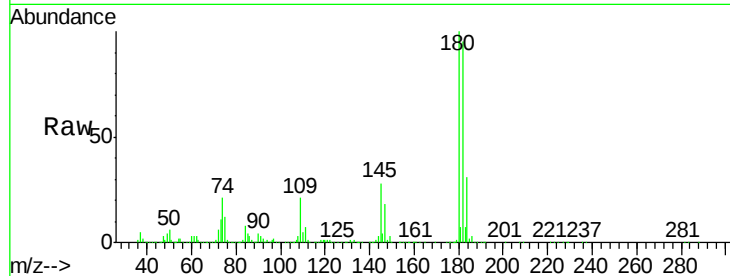
#93
 1,2,4-Trichlorobenzene
 Concen: 49.989 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007350.D
 Acq: 04 Feb 2019 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	414101		
182	94.7	47.8	143.3	
145	28.3	14.1	42.2	

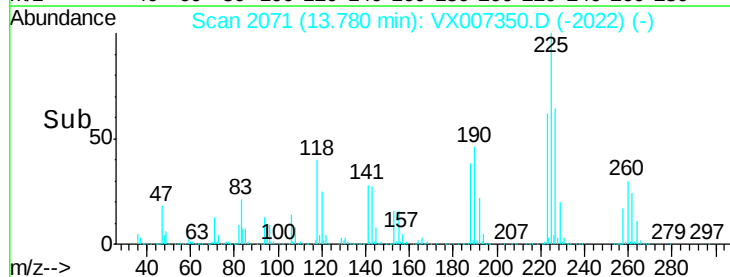
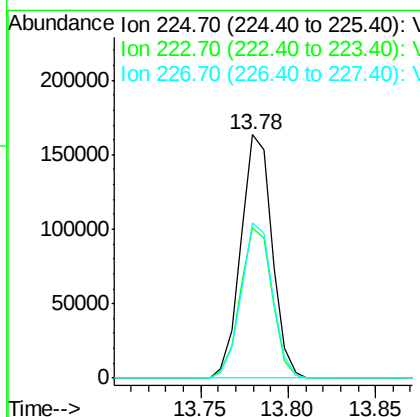
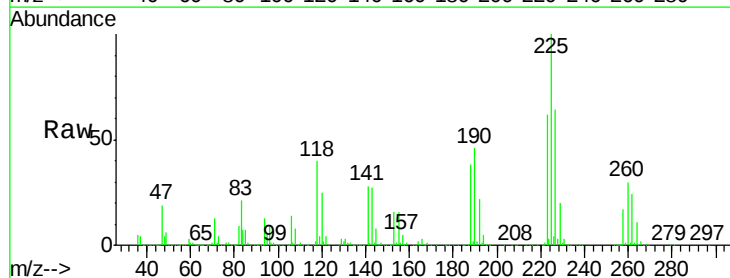
Manual Integrations
 APPROVED

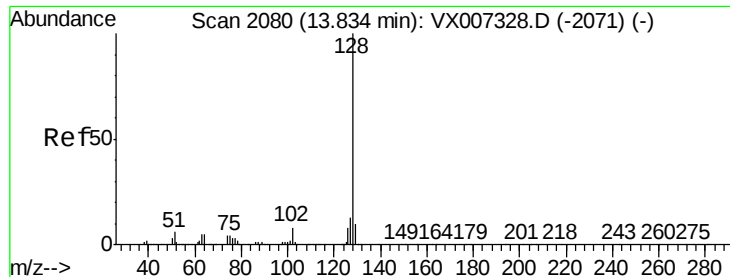
MMDadoda
 2/5/2019 9:52:34 AM



#94
 Hexachlorobutadiene
 Concen: 50.314 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007350.D
 Acq: 04 Feb 2019 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	202385		
223	63.0	31.6	94.8	
227	64.0	32.1	96.3	





#95

Naphthalene

Concen: 49.291 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1194064

Ion Ratio Lower Upper

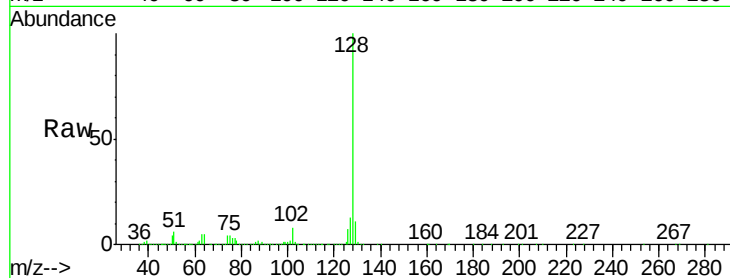
128 100

127 12.9 10.5 15.7

129 11.0 8.7 13.1

Manual Integrations
APPROVED

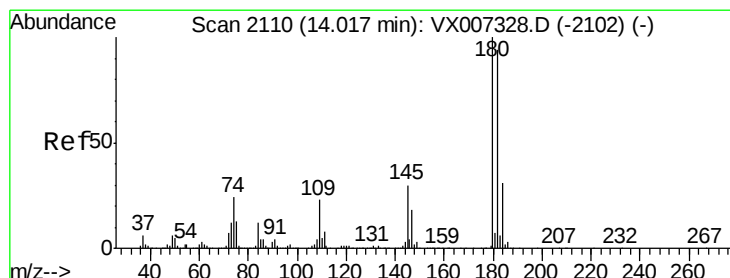
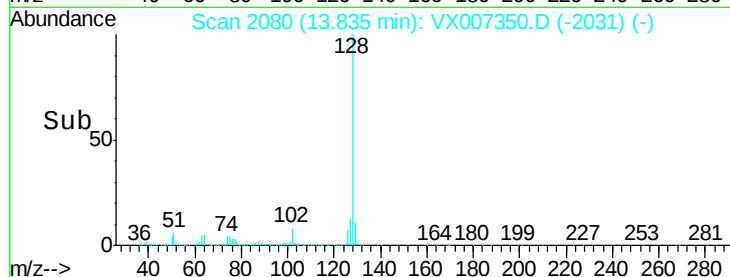
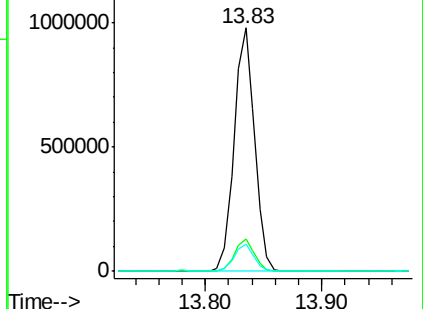
MMDadoda
2/5/2019 9:52:34 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.308 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007350.D

Acq: 04 Feb 2019 10:47

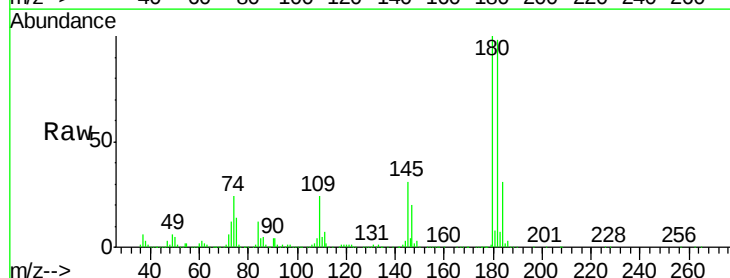
Tgt Ion:180 Resp: 402817

Ion Ratio Lower Upper

180 100

182 96.4 47.5 142.6

145 30.1 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

