

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021819\
 Data File : VX007599.D
 Acq On : 18 Feb 2019 19:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/19/2019 11:01:30 AM

Quant Time: Feb 19 06:03:12 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	5.67	168	420012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	629932	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	582016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	298353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	230978	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
35) Dibromofluoromethane	5.50	113	214246	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
50) Toluene-d8	8.71	98	767168	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.13	95	276727	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	216625	42.000	ug/l	98
3) Chloromethane	1.33	50	206019	43.548	ug/l	97
4) Vinyl Chloride	1.41	62	220003	47.403	ug/l	99
5) Bromomethane	1.64	94	208145	45.311	ug/l	98
6) Chloroethane	1.71	64	143119	47.670	ug/l	100
7) Trichlorofluoromethane	1.93	101	346700	47.753	ug/l	97
8) Diethyl Ether	2.19	74	136137	49.819	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	190420	44.093	ug/l	99
10) Methyl Iodide	2.51	142	278431	43.827	ug/l	100
11) Tert butyl alcohol	3.07	59	237117	257.008	ug/l	100
12) 1,1-Dichloroethene	2.37	96	179505	44.761	ug/l	97
13) Acrolein	2.30	56	80412	185.866	ug/l	98
14) Allyl chloride	2.73	41	306184	46.858	ug/l	99
15) Acrylonitrile	3.15	53	571539	250.419	ug/l	100
16) Acetone	2.45	43	493581	241.699	ug/l	99
17) Carbon Disulfide	2.57	76	413641	39.893	ug/l	99
18) Methyl Acetate	2.78	43	320708	60.152	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	636265	48.973	ug/l	96
20) Methylene Chloride	2.85	84	208863	50.073	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	188985	44.239	ug/l	98
22) Diisopropyl ether	3.87	45	615818	51.236	ug/l	97
23) Vinyl Acetate	3.82	43	2549466	255.614	ug/l	99
24) 1,1-Dichloroethane	3.70	63	345273	50.022	ug/l	98
25) 2-Butanone	4.70	43	796915	274.212	ug/l	100
26) 2,2-Dichloropropane	4.59	77	238209	45.317	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	232138	49.751	ug/l	98
28) Bromochloromethane	5.02	49	167220	52.681	ug/l	96
29) Tetrahydrofuran	5.15	42	518577	283.716	ug/l	99
30) Chloroform	5.21	83	378631	52.569	ug/l	96
31) Cyclohexane	5.57	56	285080	45.986	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	321330	52.853	ug/l	99
36) 1,1-Dichloropropene	5.80	75	255877	45.272	ug/l	99
37) Ethyl Acetate	4.85	43	298543	52.253	ug/l	99
38) Carbon Tetrachloride	5.78	117	279779	51.024	ug/l	100

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 QLast Update : Sat Feb 02 01:32:36 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	292220	42.733	ug/l	96
40) Benzene	6.14	78	813178	48.842	ug/l	98
41) Methacrylonitrile	5.06	41	165859	54.164	ug/l	98
42) 1,2-Dichloroethane	6.20	62	281615	48.887	ug/l	98
43) Isopropyl Acetate	6.46	43	477467	54.142	ug/l	99
44) Trichloroethene	7.21	130	234655	46.797	ug/l	96
45) 1,2-Dichloropropane	7.52	63	210073	50.359	ug/l	97
46) Dibromomethane	7.66	93	150366	49.595	ug/l	97
47) Bromodichloromethane	7.90	83	277513	54.009	ug/l	100
48) Methyl methacrylate	7.77	41	242546	54.985	ug/l	99
49) 1,4-Dioxane	7.75	88	105628	1052.573	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1589869	273.857	ug/l	100
52) Toluene	8.79	92	520999	48.502	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	292114	52.926	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	322155	53.077	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	230486	51.475	ug/l	99
56) Ethyl methacrylate	9.18	69	329511	53.133	ug/l	99
57) 1,3-Dichloropropane	9.37	76	360731	50.659	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	877403	268.422	ug/l	99
59) 2-Hexanone	9.49	43	1200163	265.662	ug/l	100
60) Dibromochloromethane	9.59	129	244828	57.813	ug/l	100
61) 1,2-Dibromoethane	9.67	107	245621	51.798	ug/l	100
64) Tetrachloroethene	9.34	164	242706	44.244	ug/l	99
65) Chlorobenzene	10.14	112	608002	47.872	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	230293	54.083	ug/l	99
67) Ethyl Benzene	10.25	91	1005630	49.168	ug/l	100
68) m/p-Xylenes	10.36	106	783148	96.324	ug/l	99
69) o-Xylene	10.69	106	381440	48.756	ug/l	99
70) Styrene	10.71	104	630286	49.677	ug/l	99
71) Bromoform	10.85	173	184439	49.434	ug/l	100
73) Isopropylbenzene	11.02	105	1024810	50.546	ug/l	99
74) N-amyl acetate	10.90	43	420076	53.567	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	334118	54.074	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	317620m	54.731	ug/l	
77) Bromobenzene	11.26	156	276930	48.478	ug/l	98
78) n-propylbenzene	11.36	91	1133271	50.974	ug/l	99
79) 2-Chlorotoluene	11.42	91	665994	49.369	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	843817	50.872	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	94059	50.089	ug/l	97
82) 4-Chlorotoluene	11.51	91	779760	49.954	ug/l	99
83) tert-Butylbenzene	11.77	119	832456	50.691	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	859359	51.031	ug/l	99
85) sec-Butylbenzene	11.94	105	1024312	51.535	ug/l	100
86) p-Isopropyltoluene	12.06	119	914087	50.946	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	487685	47.570	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	487466	46.867	ug/l	99
89) n-Butylbenzene	12.38	91	760621	49.280	ug/l	100
90) Hexachloroethane	12.60	117	153854	57.295	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	494081	48.426	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72258	56.241	ug/l	99

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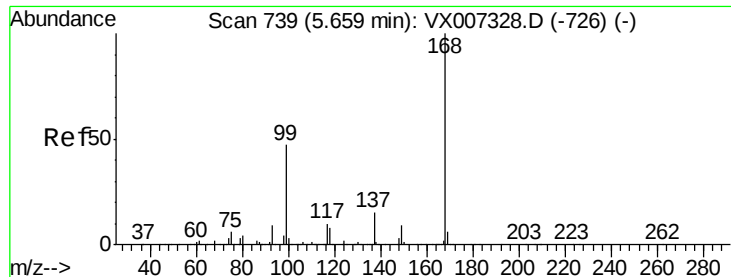
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	332059	48.260	ug/l	99
94) Hexachlorobutadiene	13.78	225	162498	48.637	ug/l	98
95) Naphthalene	13.83	128	1054637	52.415	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	338292	48.844	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 420012

Ion Ratio Lower Upper

168 100

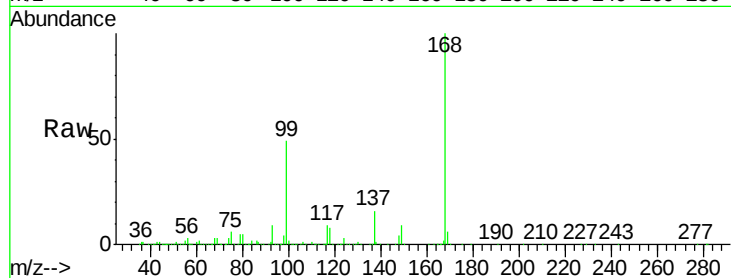
99 48.5 37.9 56.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

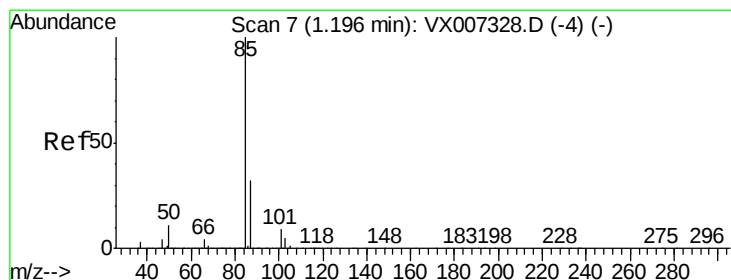
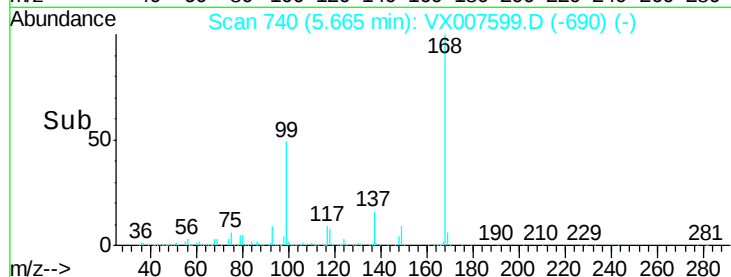
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 42.000 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007599.D

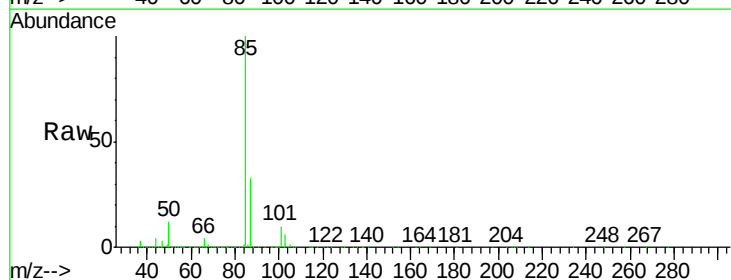
Acq: 18 Feb 2019 19:58

Tgt Ion: 85 Resp: 216625

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

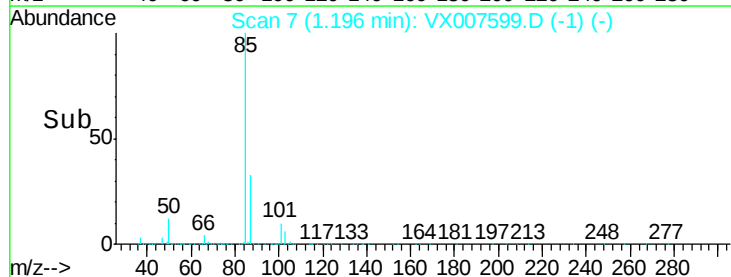
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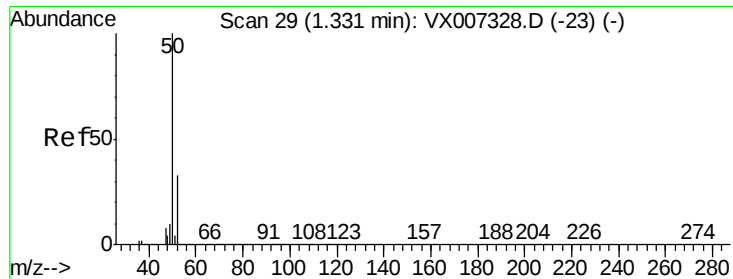
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 43.548 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 206019

Ion Ratio Lower Upper

50 100

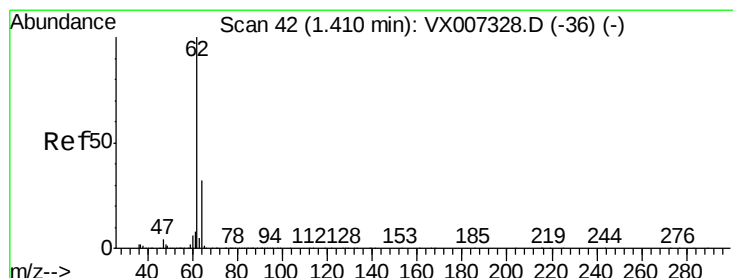
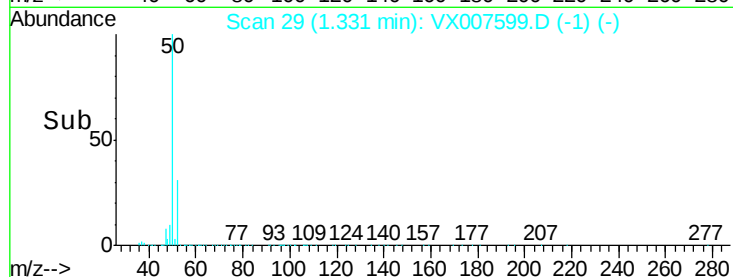
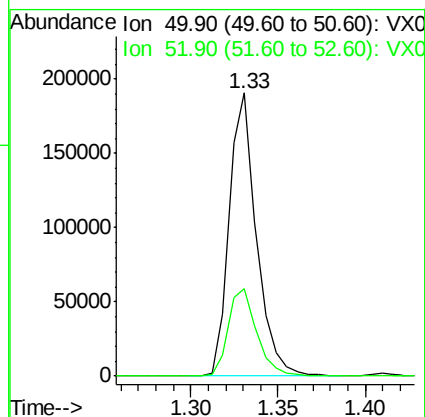
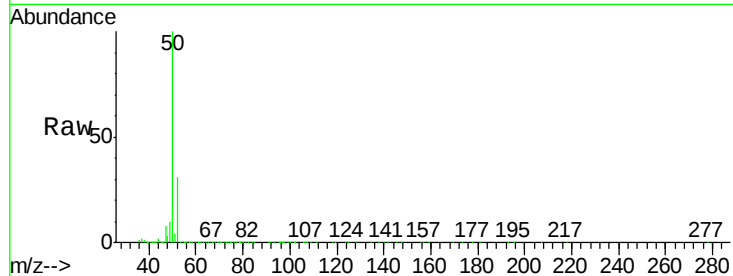
52 30.9 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.403 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007599.D

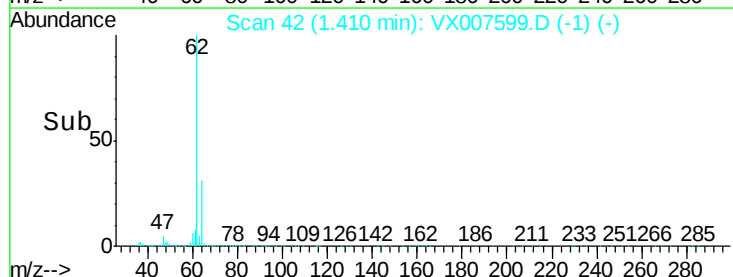
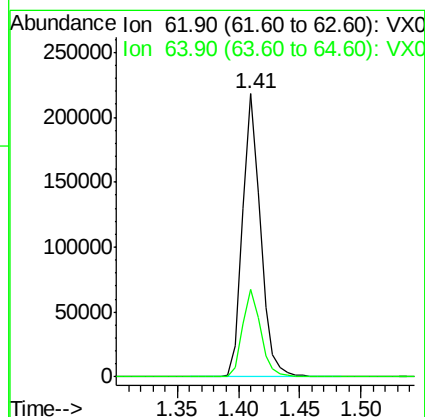
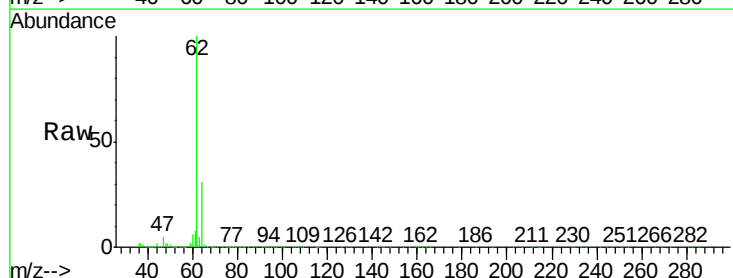
Acq: 18 Feb 2019 19:58

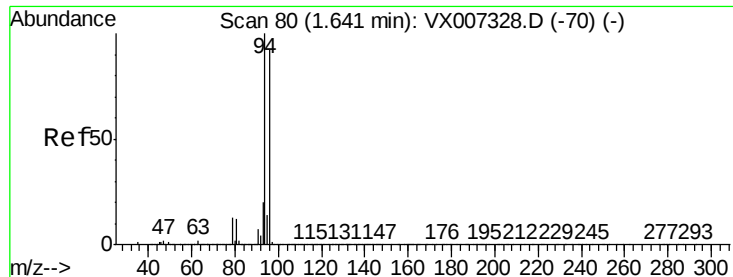
Tgt Ion: 62 Resp: 220003

Ion Ratio Lower Upper

62 100

64 31.0 25.4 38.0





#5

Bromomethane

Concen: 45.311 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 208145

Ion Ratio Lower Upper

94 100

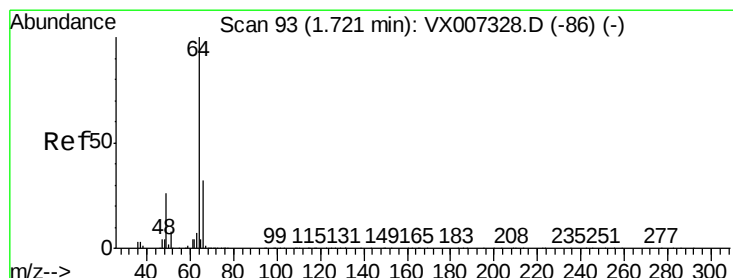
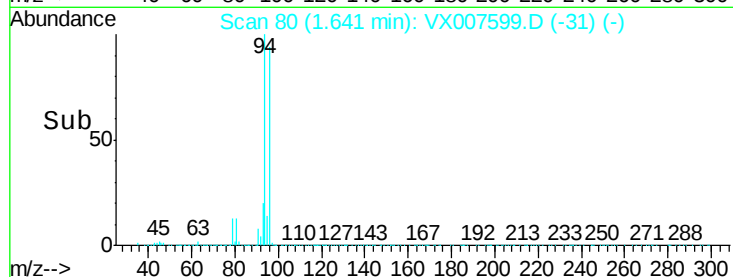
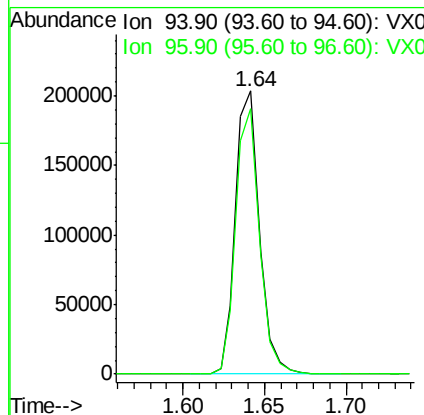
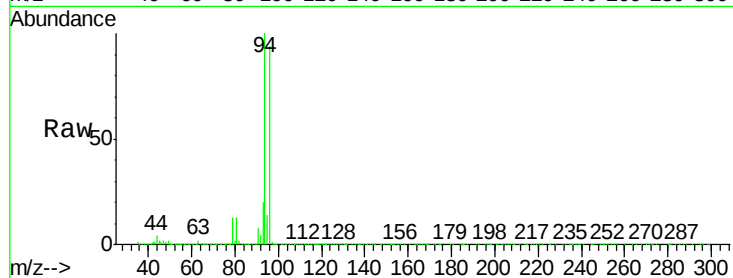
96 94.0 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 47.670 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007599.D

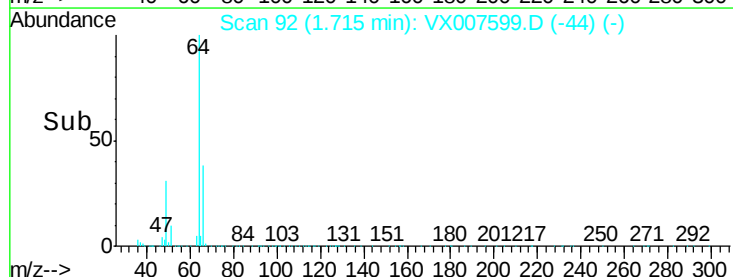
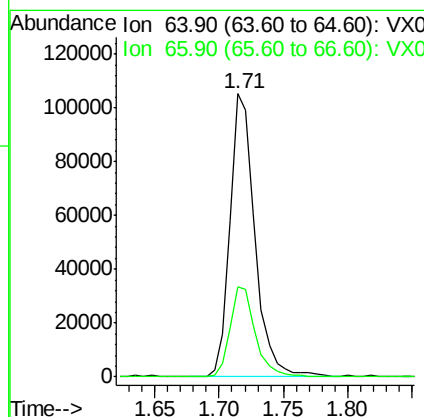
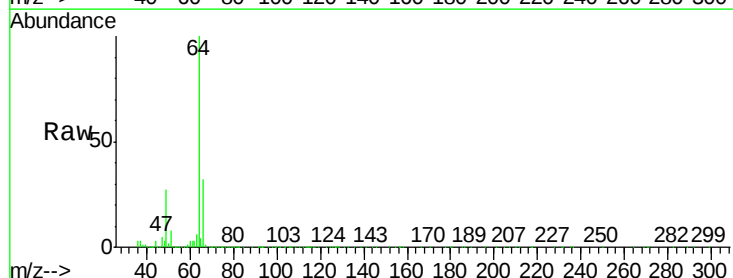
Acq: 18 Feb 2019 19:58

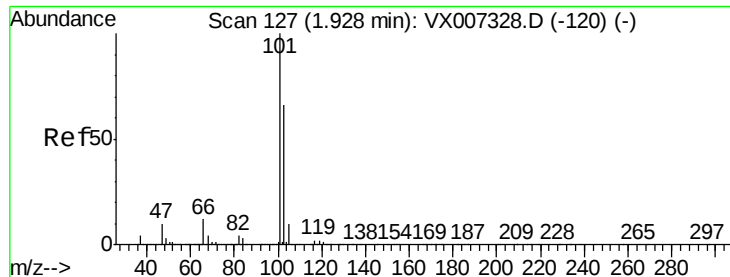
Tgt Ion: 64 Resp: 143119

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3





#7

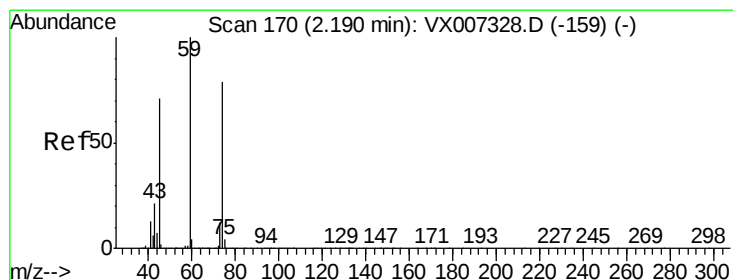
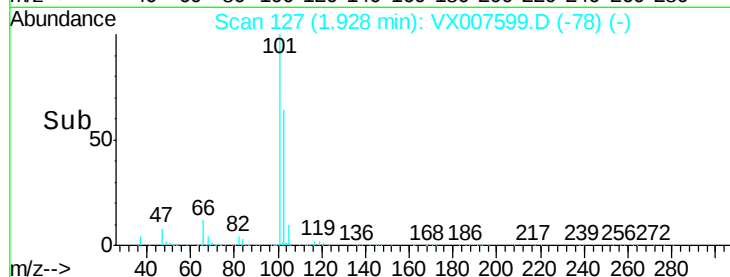
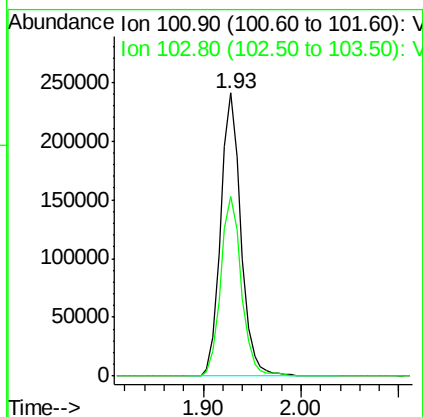
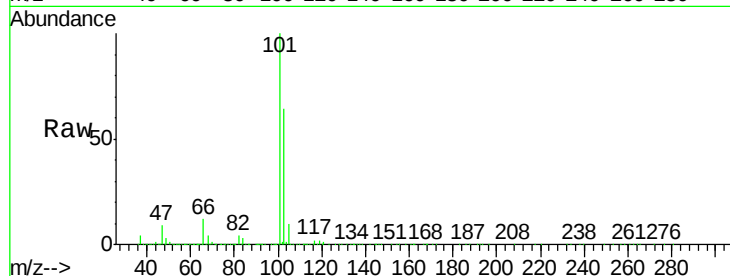
Trichlorofluoromethane
 Concen: 47.753 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	63.6	52.6	79.0	

Manual Integrations
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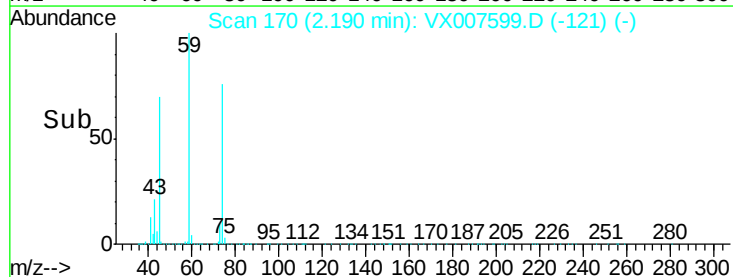
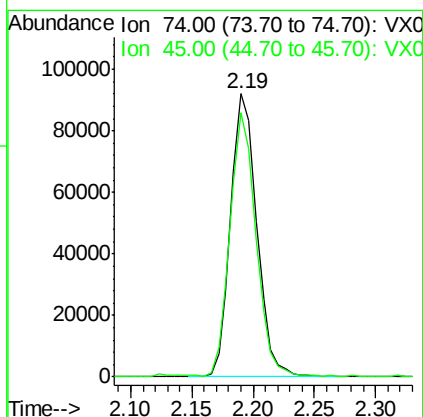
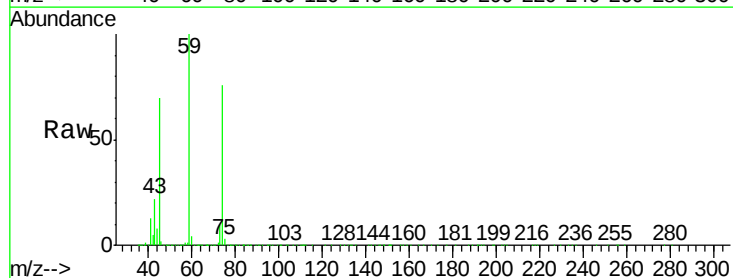
MMDadoda
 2/19/2019 11:01:30 AM

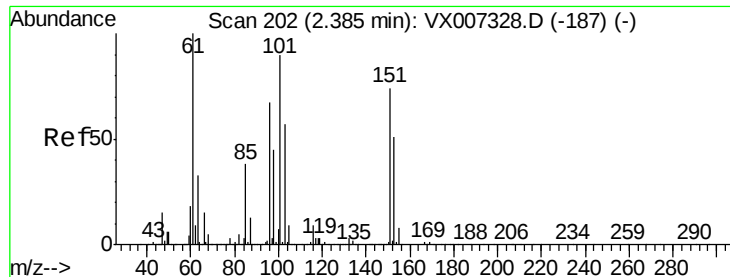


#8

Diethyl Ether
 Concen: 49.819 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	91.7	45.7	137.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.093 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

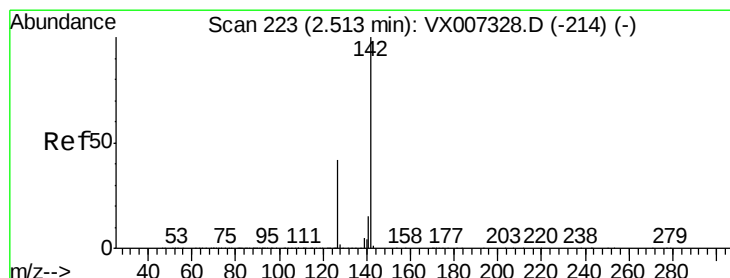
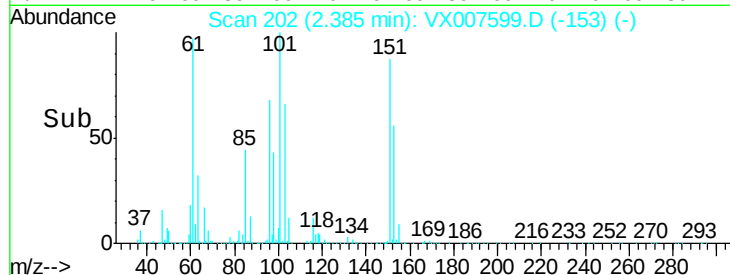
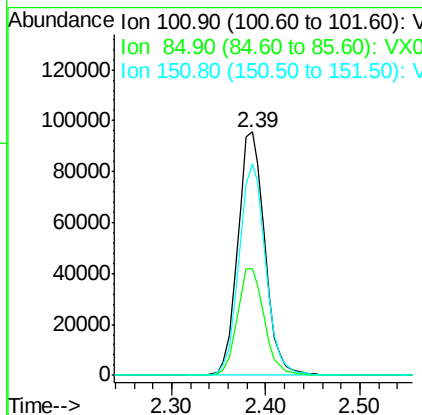
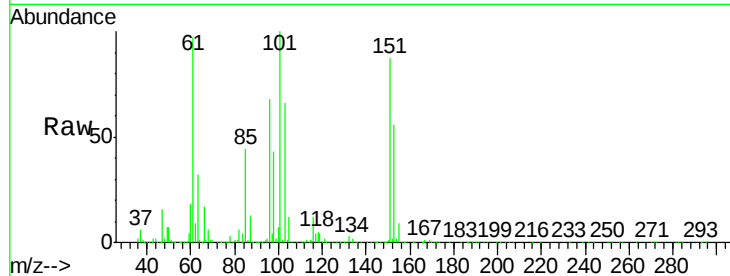
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	190420
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.1	51.1
151	85.9	69.9	104.9

Manual Integrations
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2/19/2019 11:01:30 AM



#10

Methyl Iodide

Concen: 43.827 ug/l

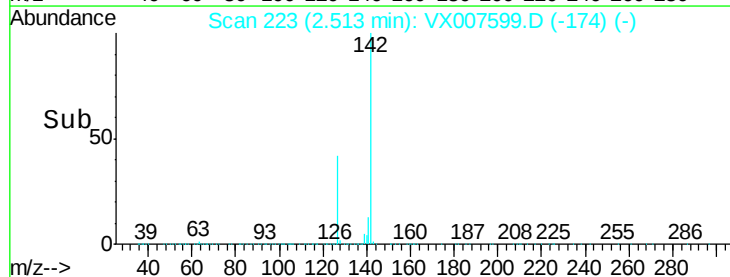
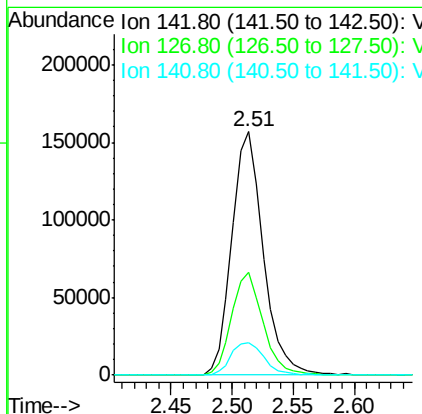
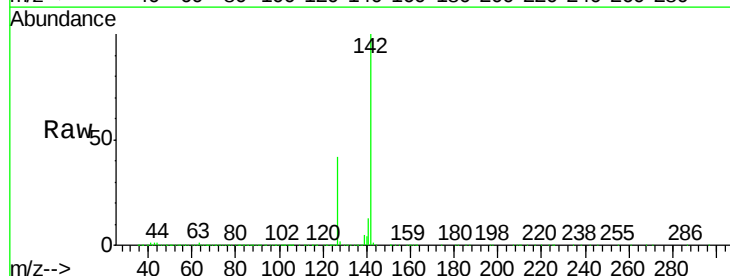
RT: 2.51 min Scan# 223

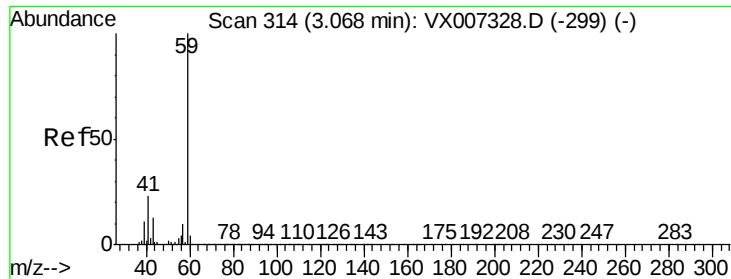
Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Tgt Ion:	142	Resp:	278431
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.7	50.5
141	14.4	11.3	16.9





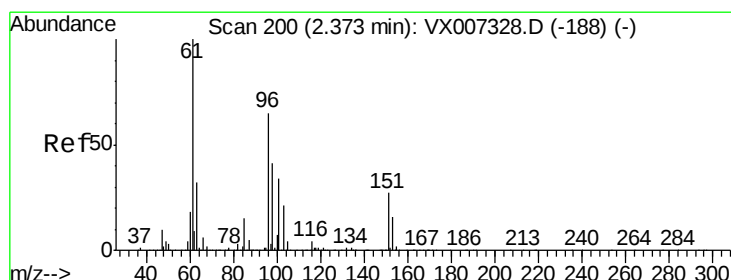
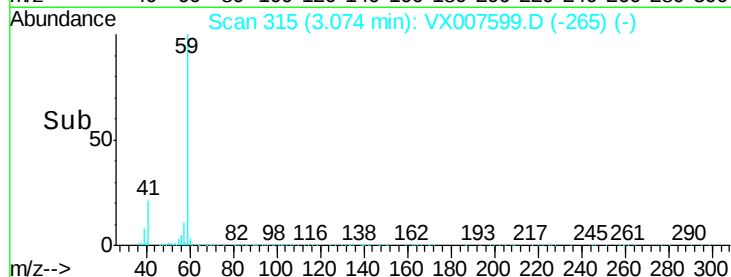
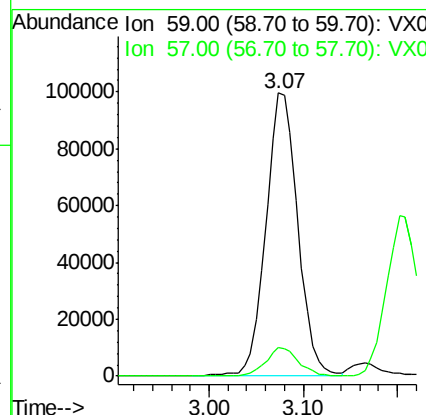
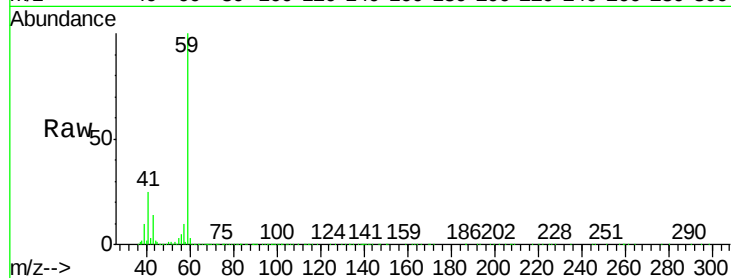
#11
Tert butyl alcohol
Concen: 257.008 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.01 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.1	12.1

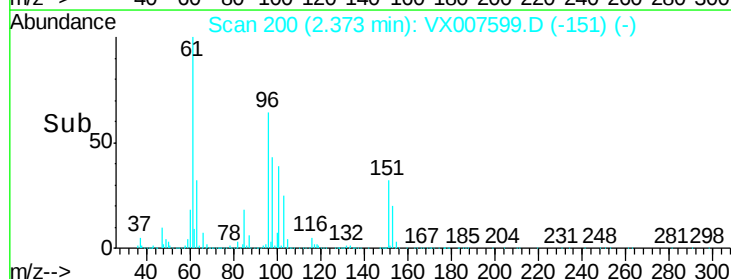
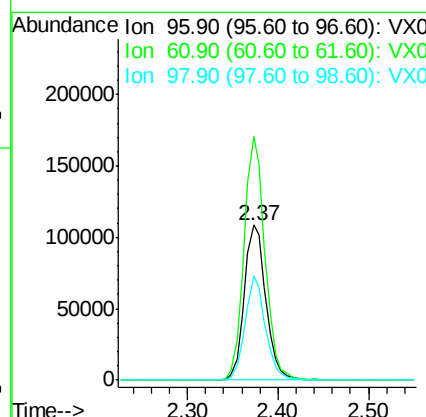
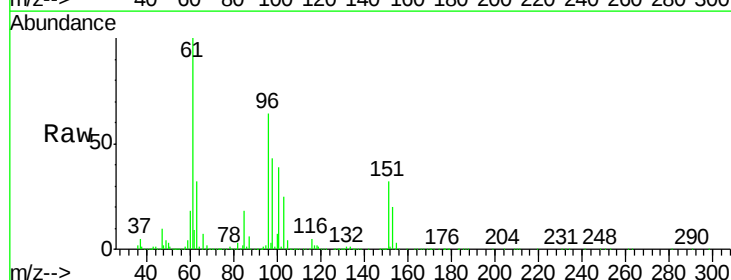
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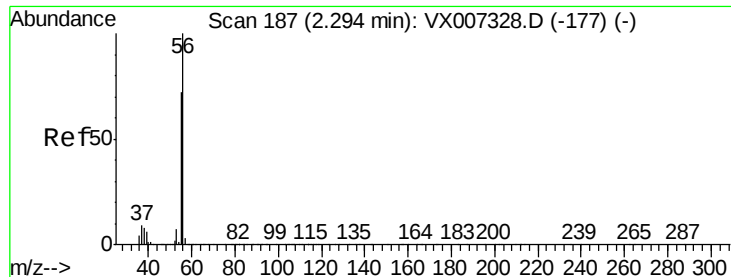
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#12
1,1-Dichloroethene
Concen: 44.761 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.6	123.0	184.4
98	66.5	50.9	76.3





#13

Acrolein

Concen: 185.866 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 80412

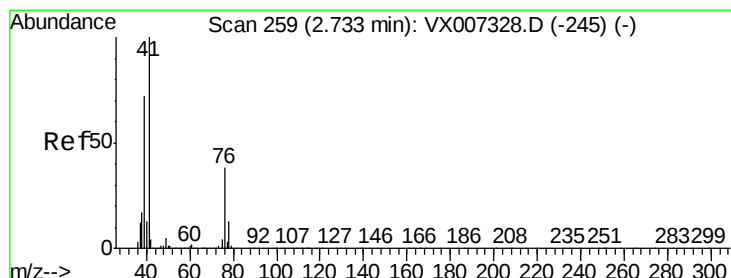
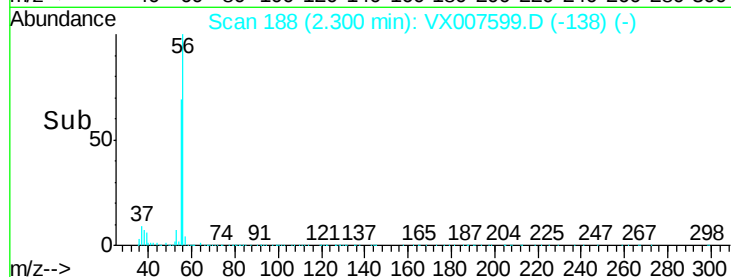
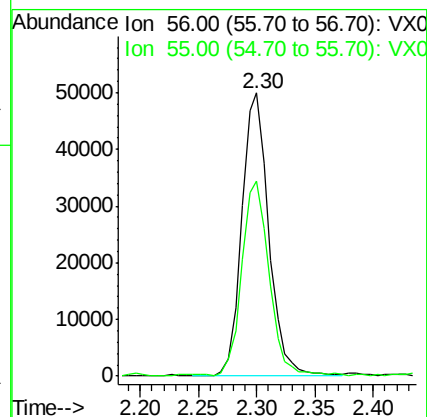
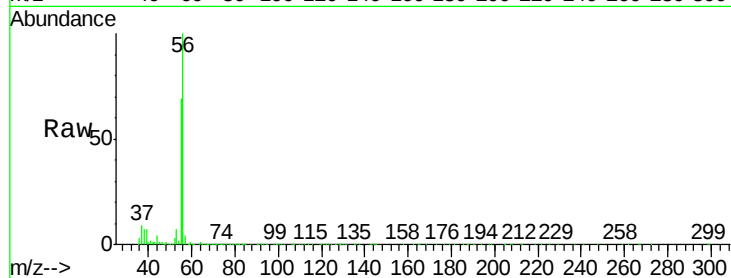
Ion Ratio Lower Upper

56 100

55 69.7 56.9 85.3

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#14

Allyl chloride

Concen: 46.858 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

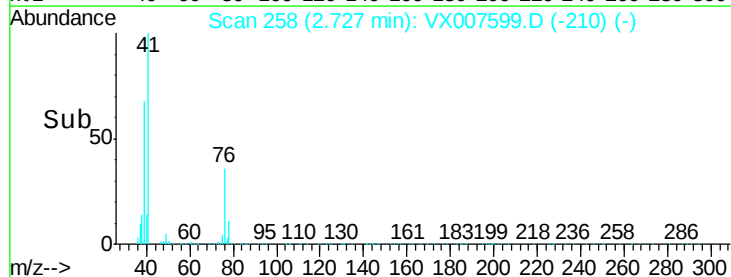
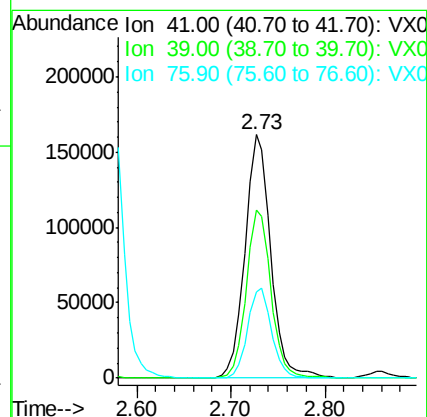
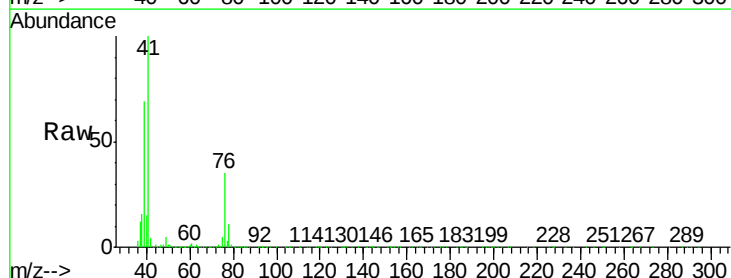
Tgt Ion: 41 Resp: 306184

Ion Ratio Lower Upper

41 100

39 66.3 54.1 81.1

76 34.3 27.8 41.8





#15

Acrylonitrile

Concen: 250.419 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

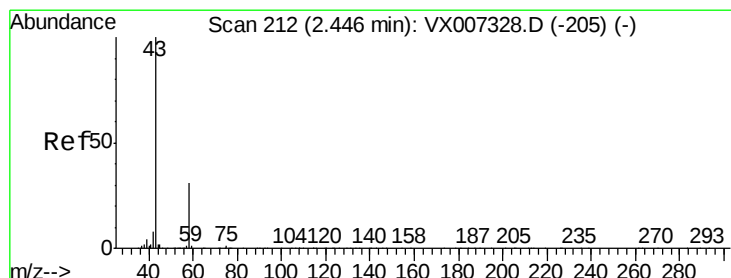
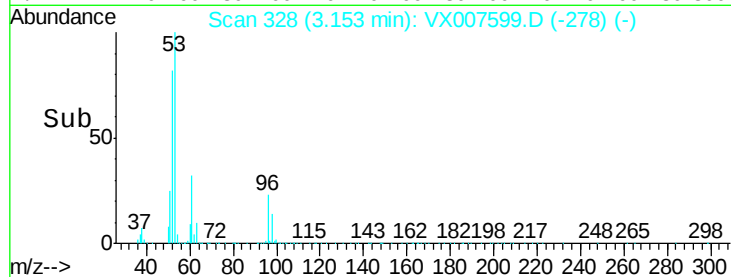
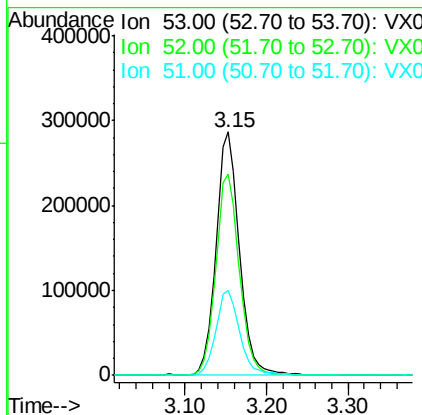
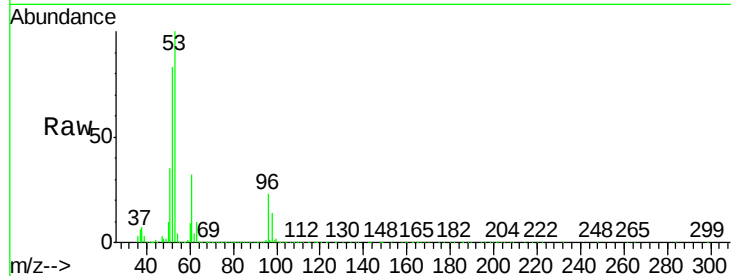
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	571539
Ion Ratio		Lower	Upper
53	100		
52	83.4	66.4	99.6
51	35.7	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 241.699 ug/l

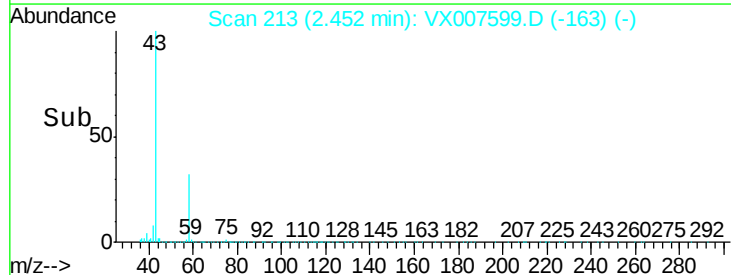
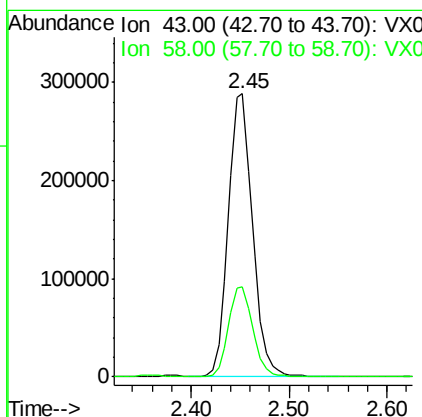
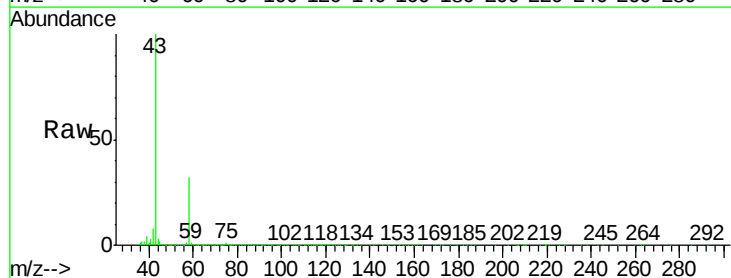
RT: 2.45 min Scan# 213

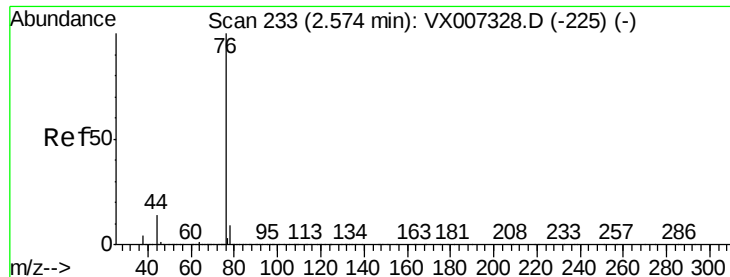
Delta R.T. 0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Tgt Ion:	43	Resp:	493581
Ion Ratio		Lower	Upper
43	100		
58	31.8	24.9	37.3





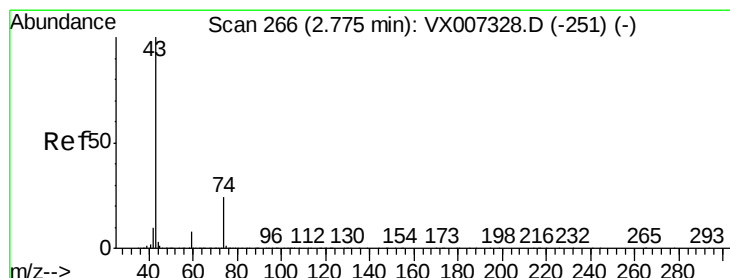
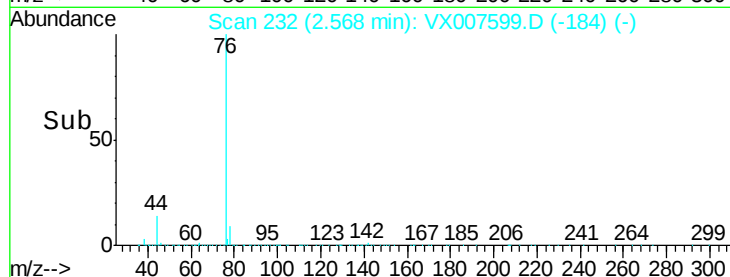
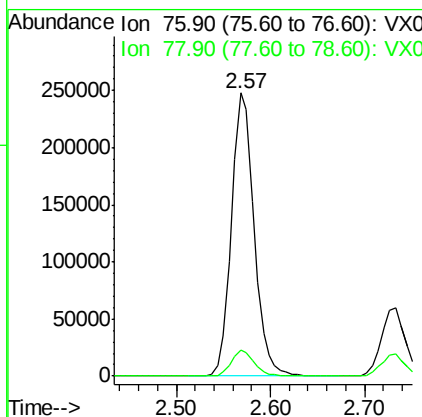
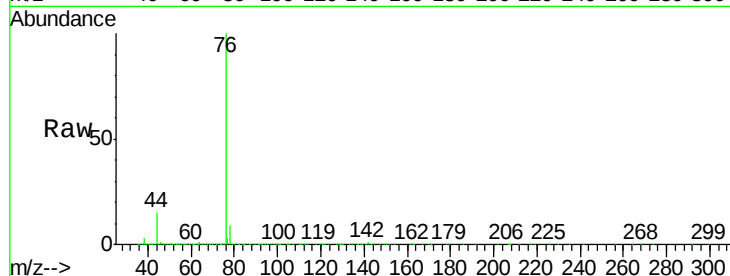
#17
Carbon Disulfide
Concen: 39.893 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

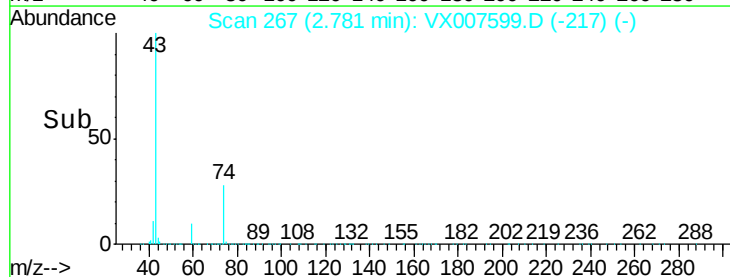
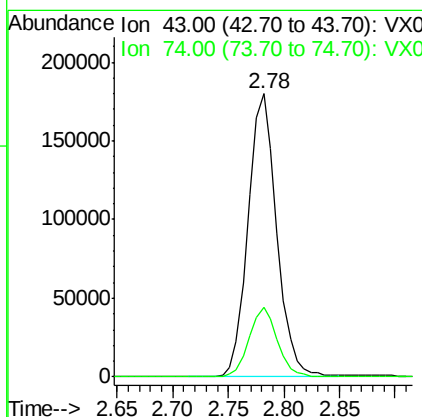
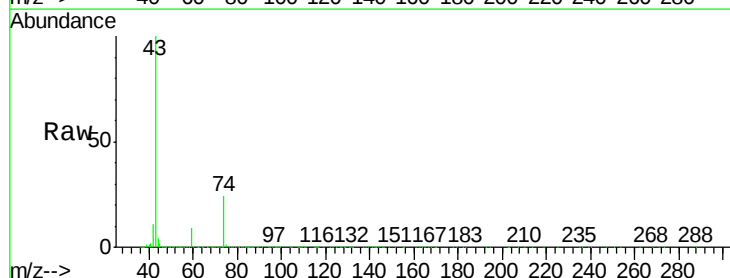
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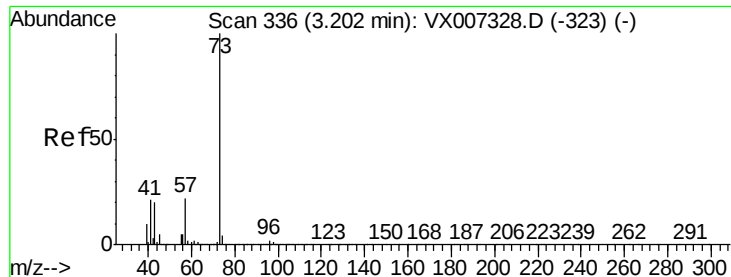
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#18
Methyl Acetate
Concen: 60.152 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	19.4	29.2





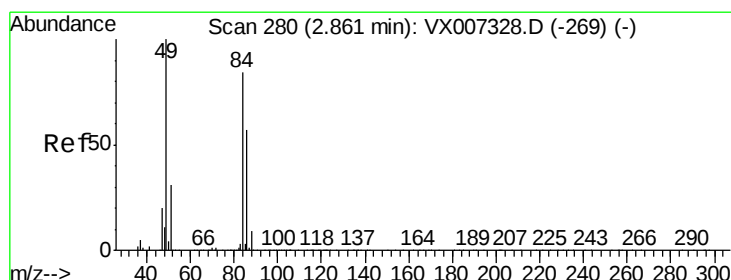
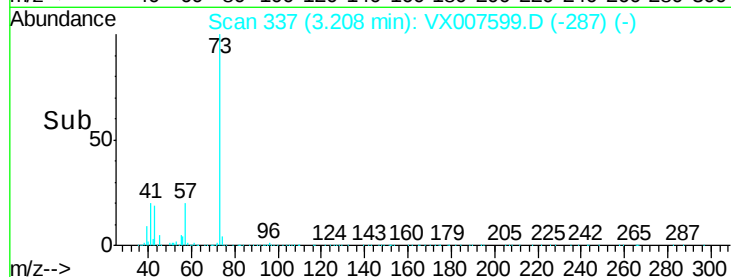
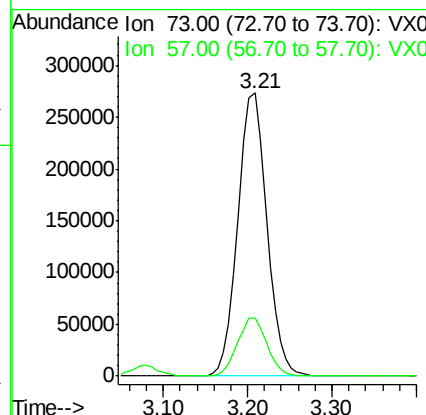
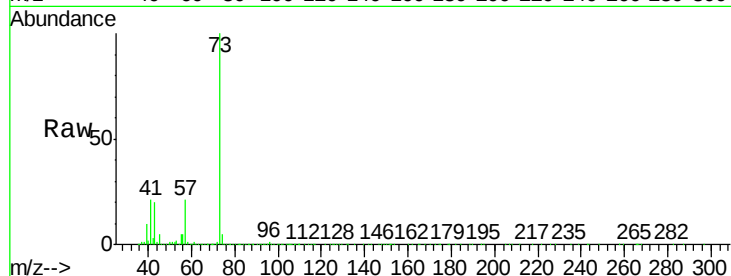
#19
Methvl tert-butvl Ether
Concen: 48.973 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.4	17.8	26.8

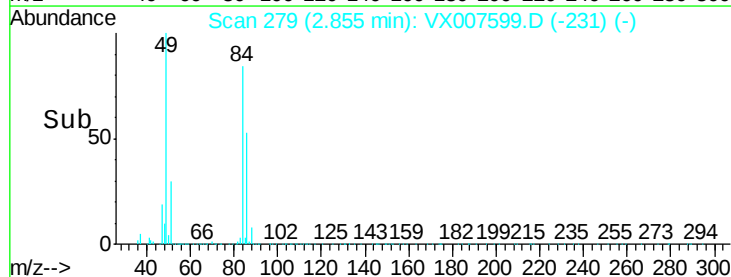
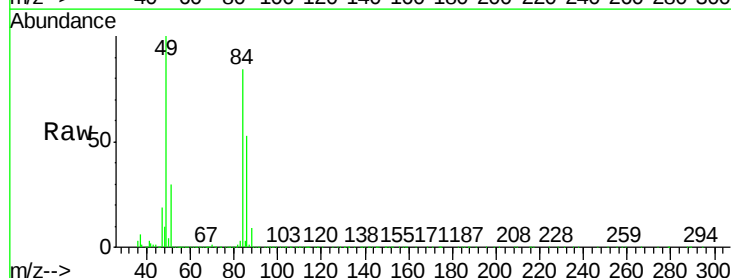
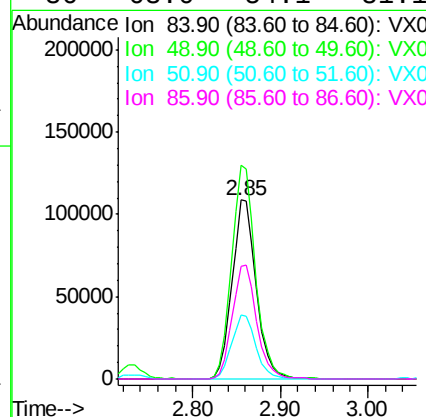
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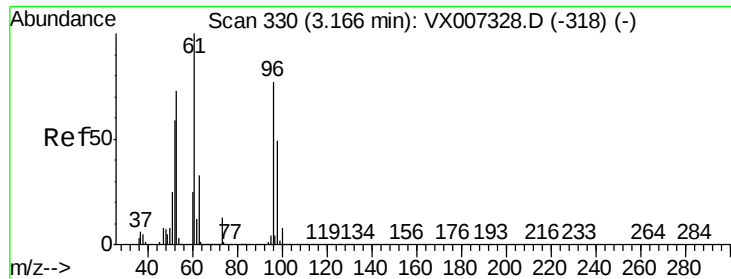
MMDadoda
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#20
Methylene Chloride
Concen: 50.073 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.4	94.8	142.2
51	35.6	29.8	44.8
86	63.0	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 44.239 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

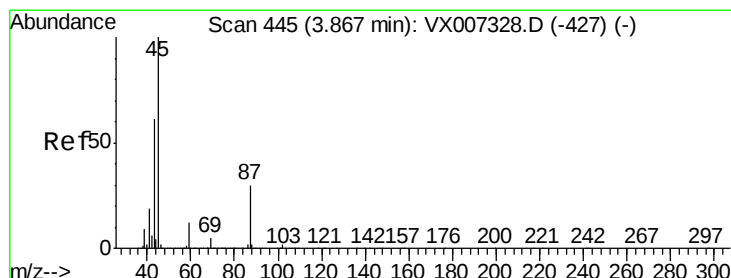
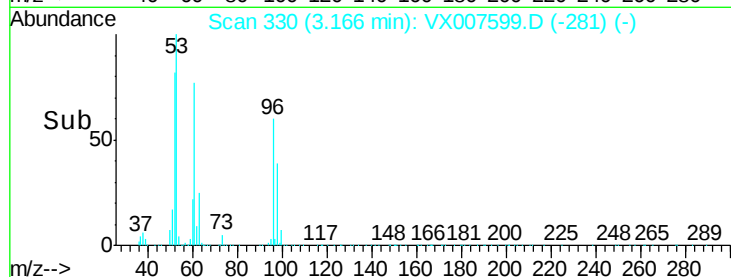
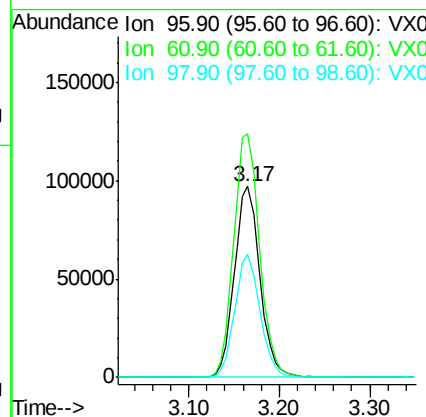
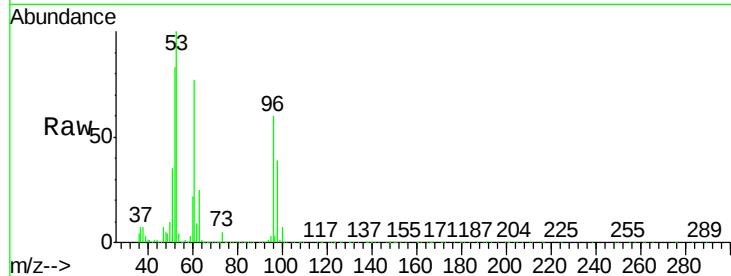
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	188985
Ion	Ratio	Lower	Upper
96	100		
61	127.7	104.6	156.8
98	64.4	51.0	76.4

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#22

Diisopropyl ether

Concen: 51.236 ug/l

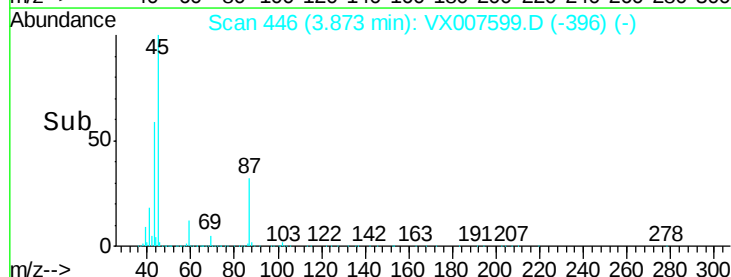
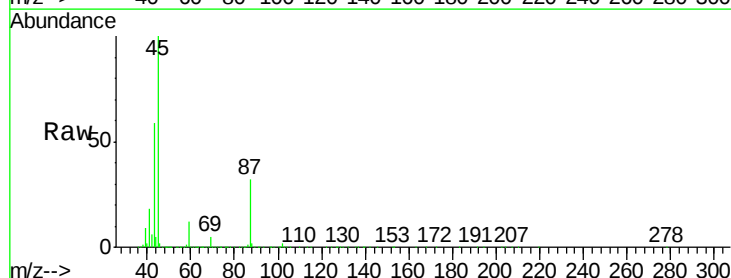
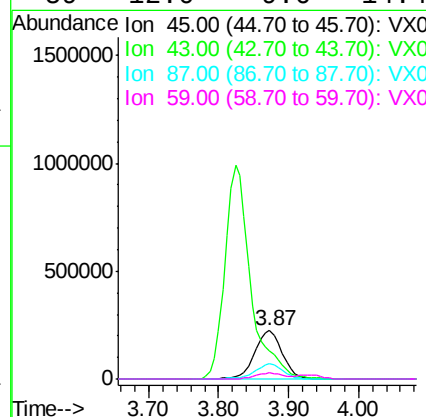
RT: 3.87 min Scan# 446

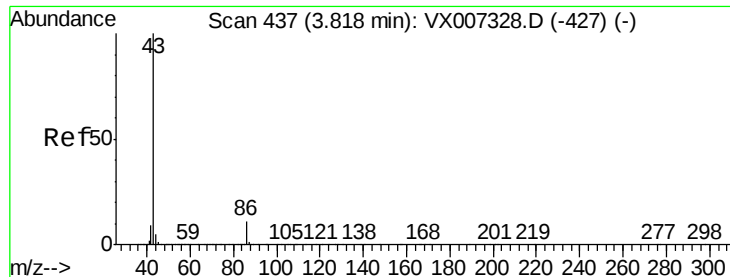
Delta R.T. 0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Tgt Ion:	45	Resp:	615818
Ion	Ratio	Lower	Upper
45	100		
43	58.6	48.9	73.3
87	32.0	23.9	35.9
59	12.0	9.6	14.4





#23

Vinyl Acetate

Concen: 255.614 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2549466

Ion Ratio Lower Upper

43 100

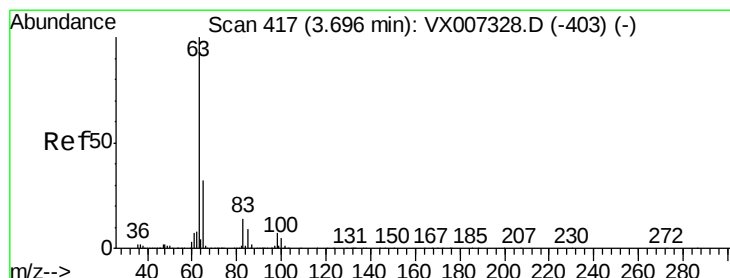
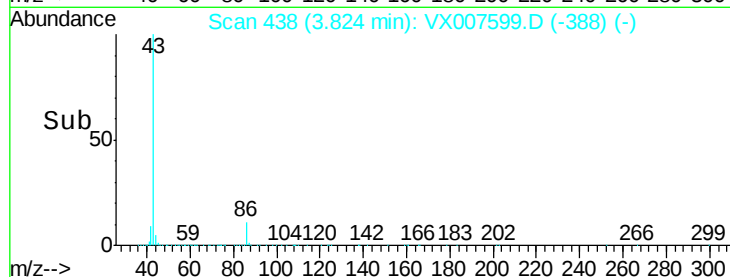
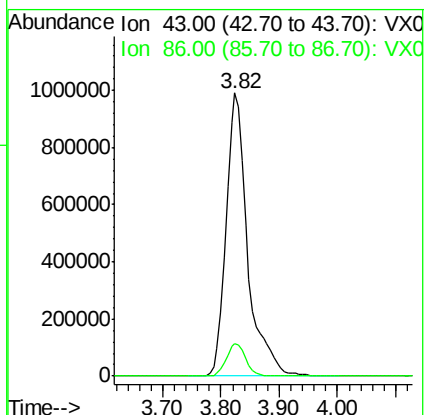
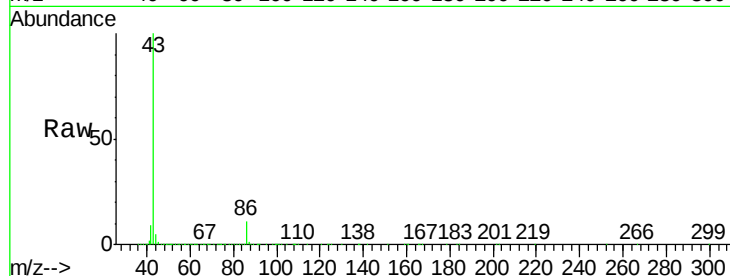
86 11.3 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 50.022 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

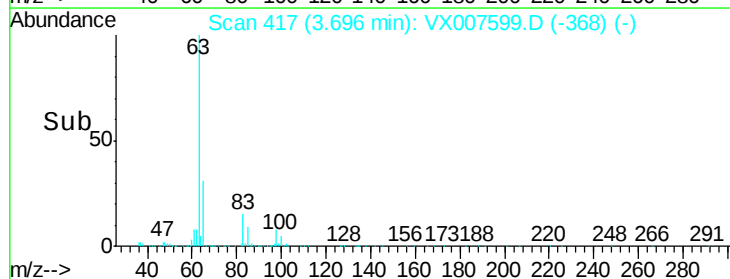
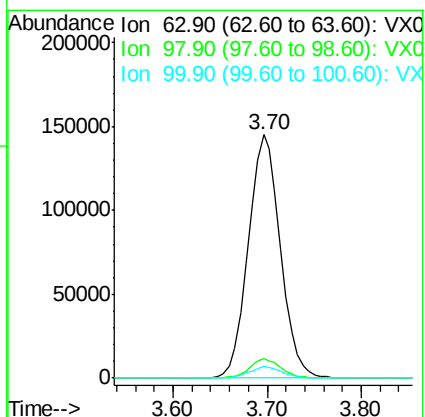
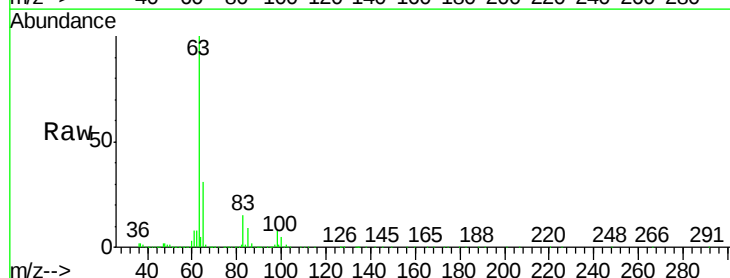
Tgt Ion: 63 Resp: 345273

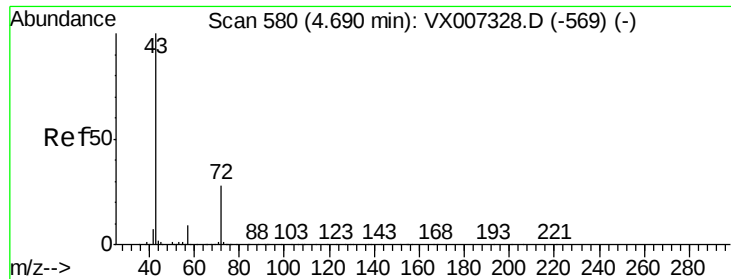
Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.8

100 5.0 2.5 7.4





#25

2-Butanone

Concen: 274.212 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Tot Ion: 43 Resp: 796915

Ion Ratio Lower Upper

43 100

72 27.5 22.2 33.2

Instrument :

MSVOA_X

ClientSampleId :

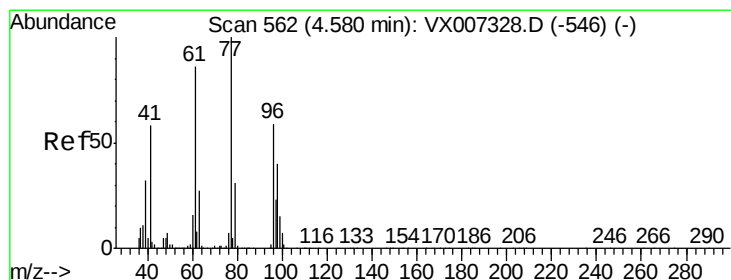
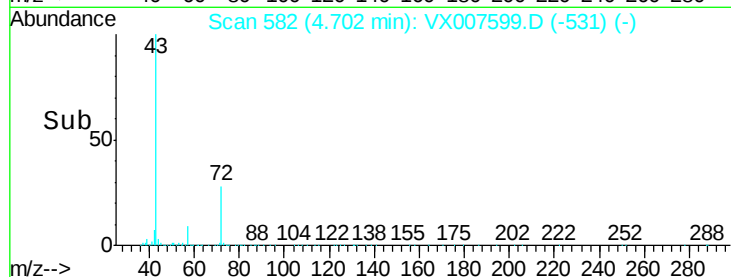
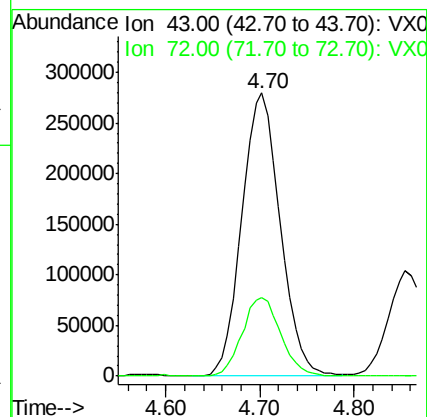
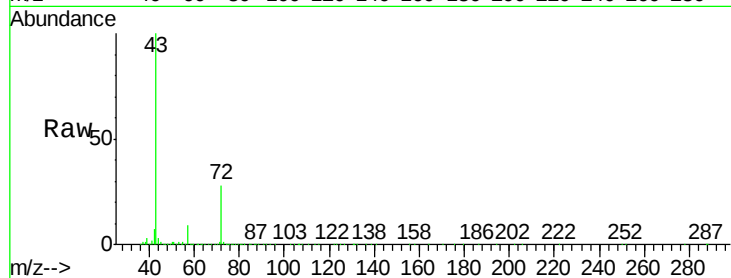
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.317 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007599.D

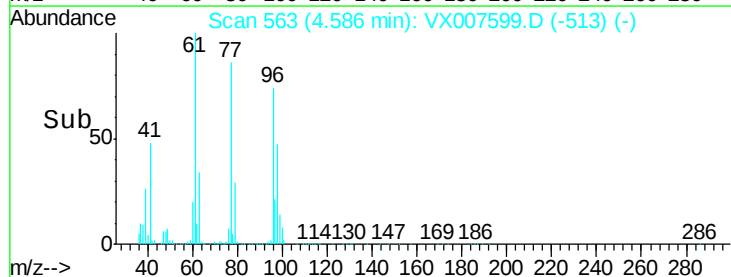
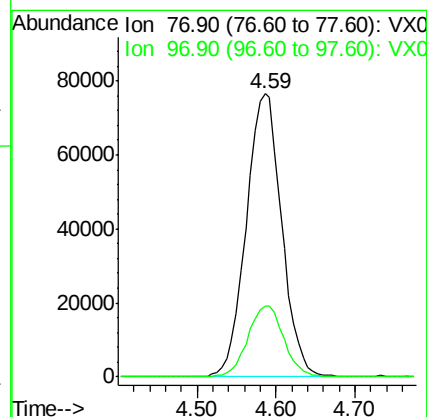
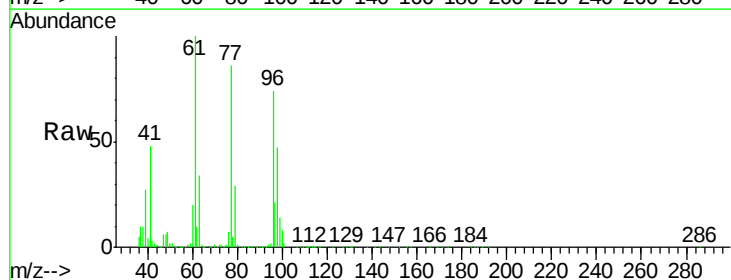
Acq: 18 Feb 2019 19:58

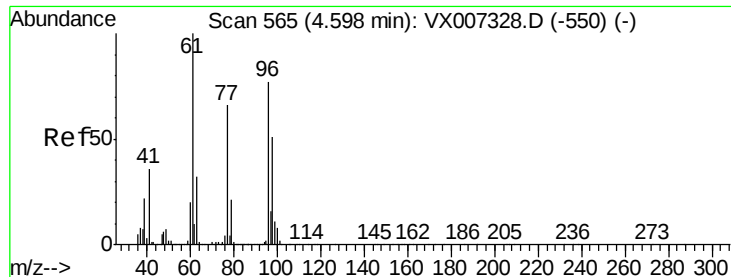
Tgt Ion: 77 Resp: 238209

Ion Ratio Lower Upper

77 100

97 25.7 12.1 36.3





#27

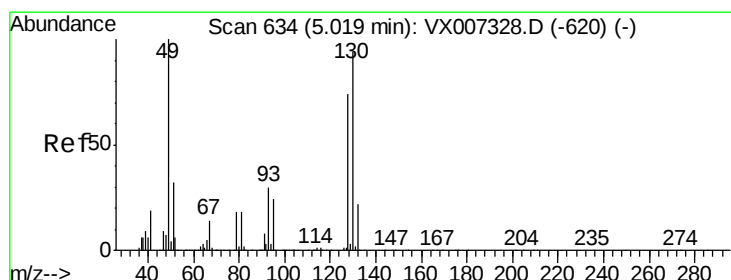
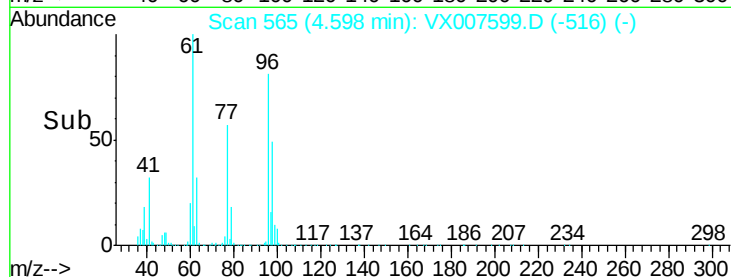
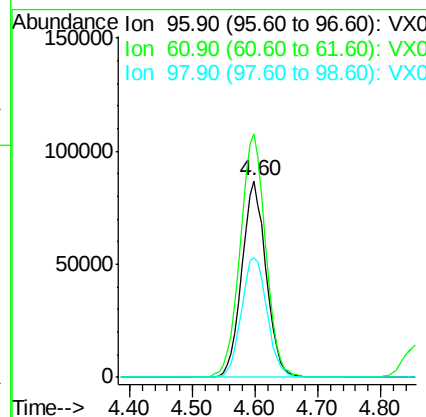
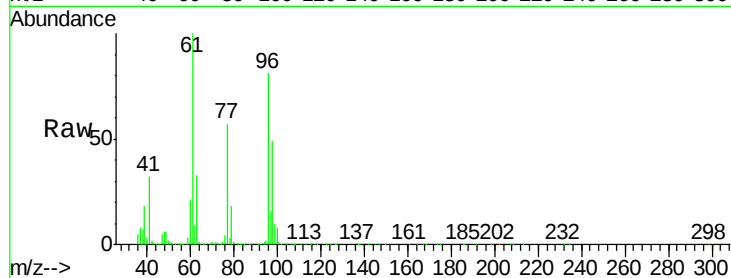
cis-1,2-Dichloroethene
Concen: 49.751 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	232138		
61	129.9	0.0	265.6	
98	64.6	0.0	131.6	

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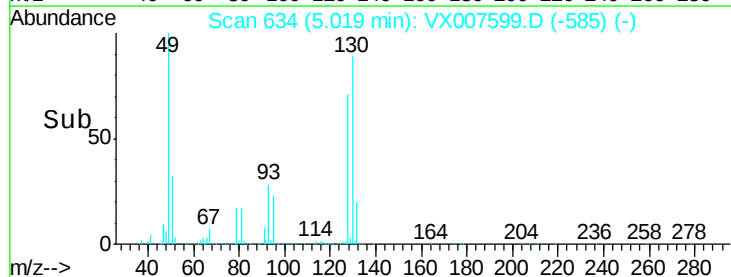
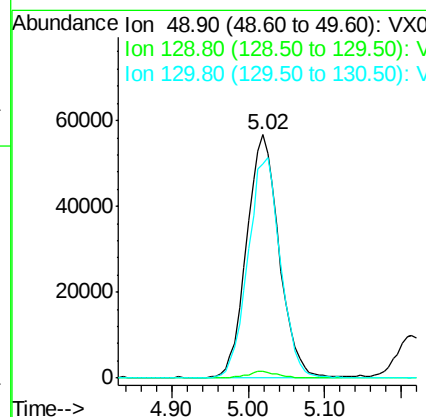
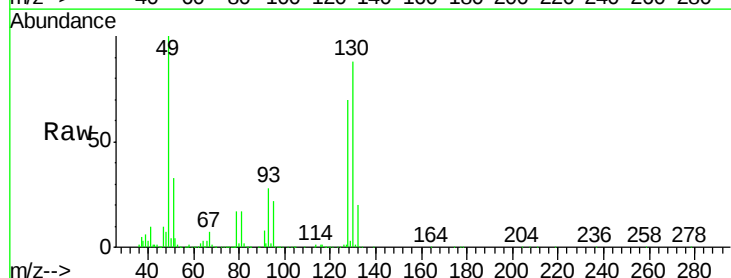
MMDadoda
2/19/2019 11:01:30 AM

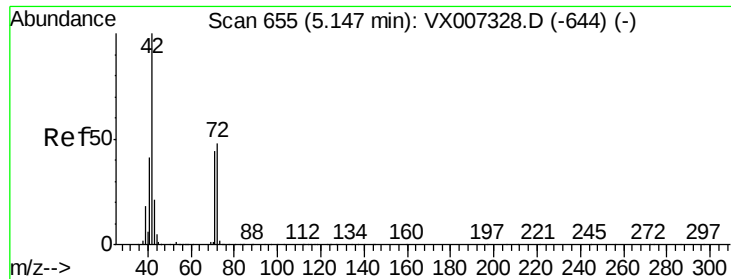


#28

Bromochloromethane
Concen: 52.681 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	167220		
129	2.7	0.0	5.6	
130	90.7	75.6	113.4	





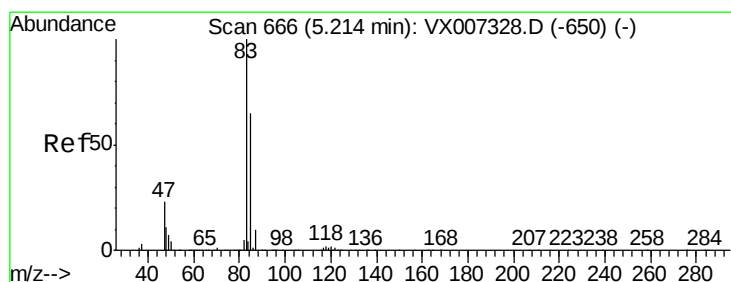
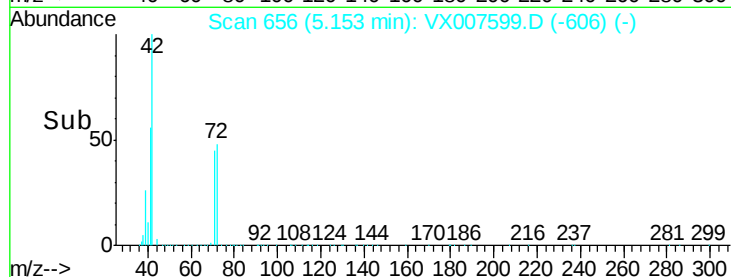
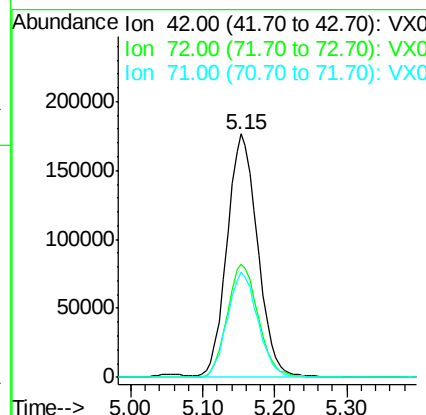
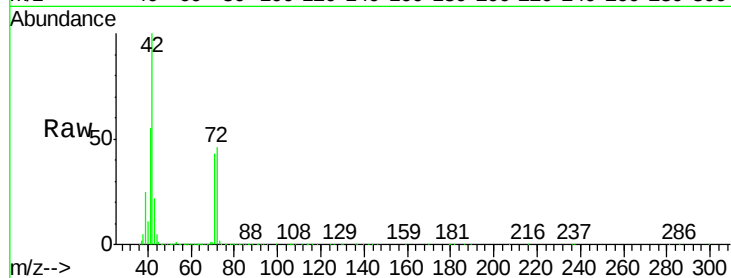
#29
Tetrahydrofuran
Concen: 283.716 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.5	37.6	56.4
71	43.5	34.6	51.8

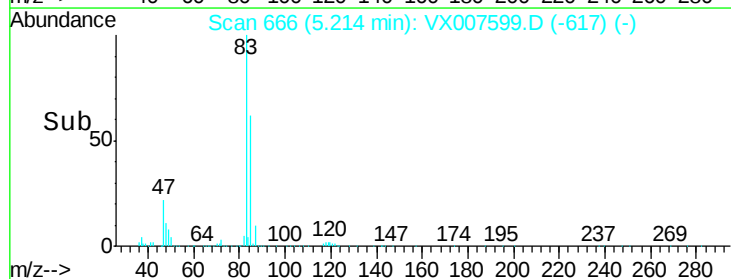
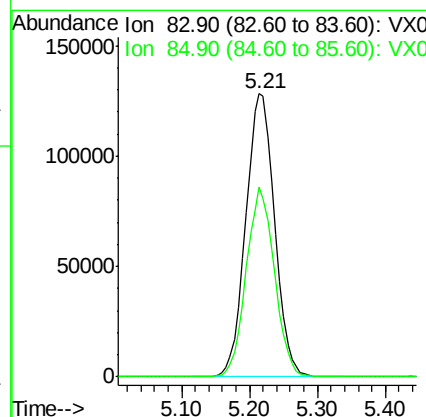
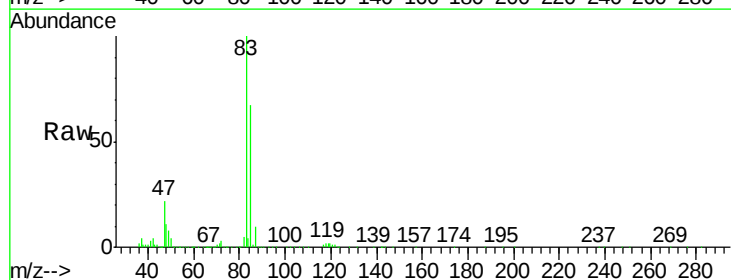
Manual Integrations
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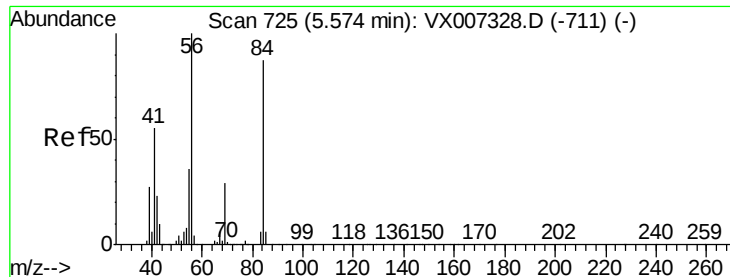
MMDadoda
2/19/2019 11:01:30 AM



#30
Chloroform
Concen: 52.569 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.3	51.6	77.4





#31

Cyclohexane

Concen: 45.986 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

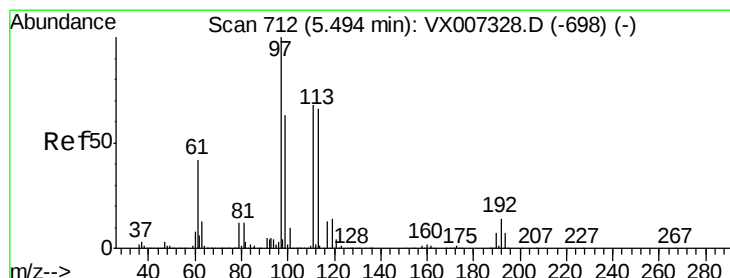
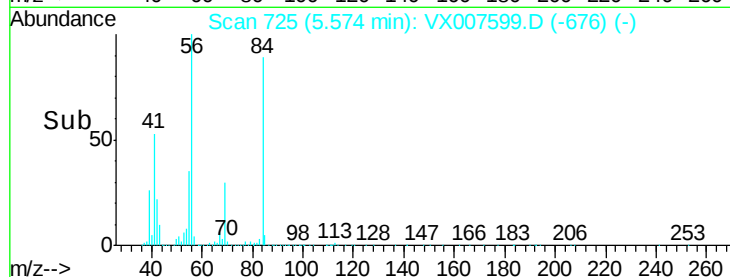
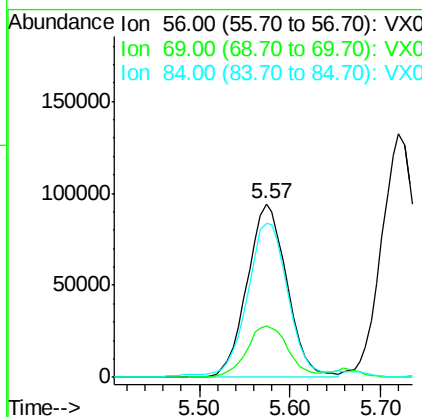
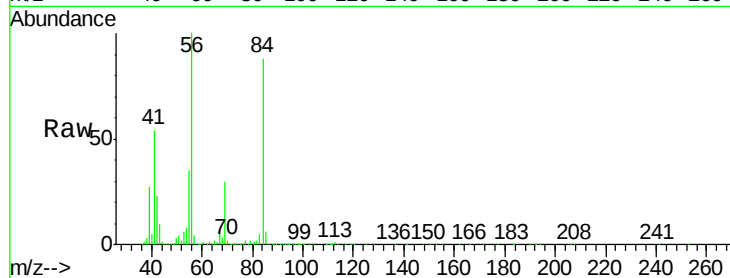
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	285080
Ion Ratio		Lower	Upper
56	100		
69	29.5	23.0	34.6
84	86.6	69.8	104.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.853 ug/l

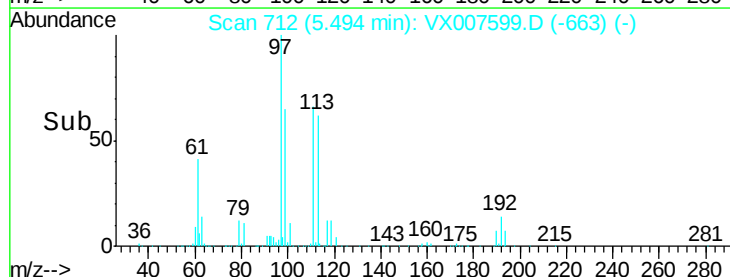
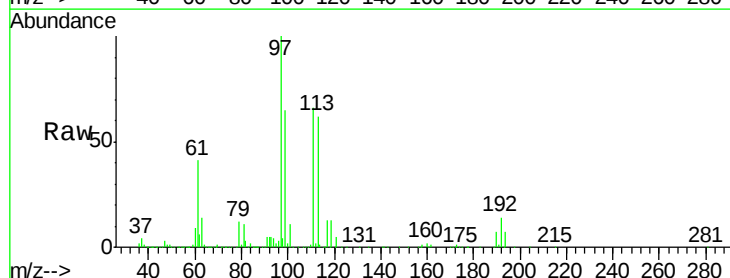
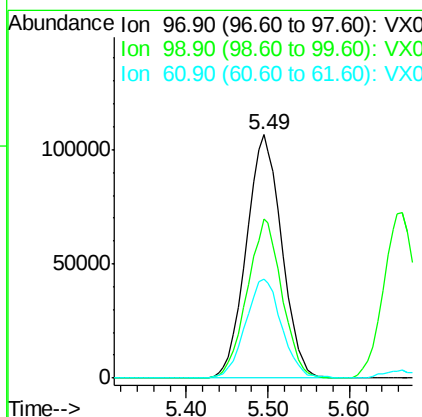
RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Tgt Ion:	97	Resp:	321330
Ion Ratio		Lower	Upper
97	100		
99	64.2	52.2	78.2
61	41.4	32.7	49.1





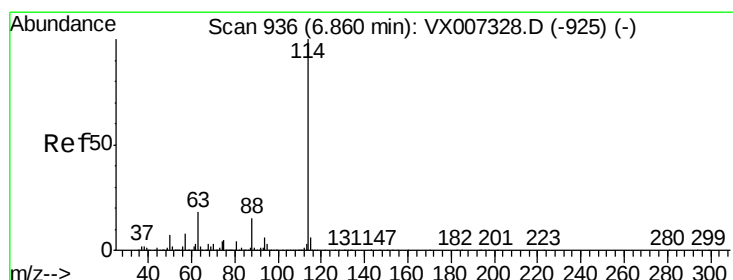
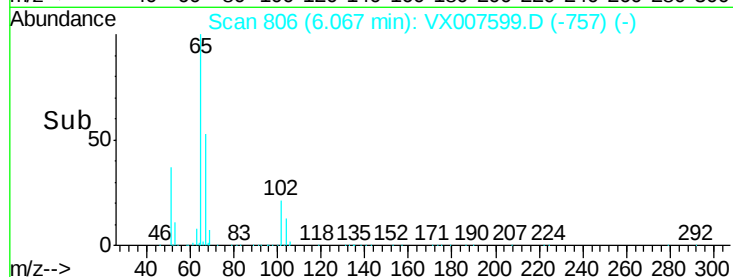
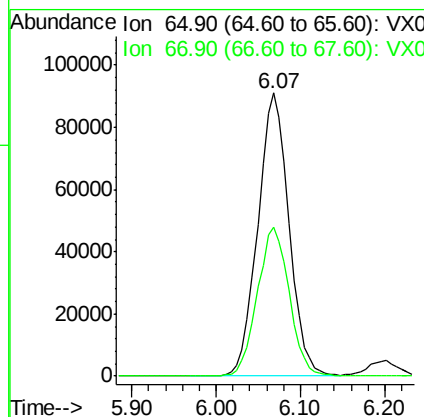
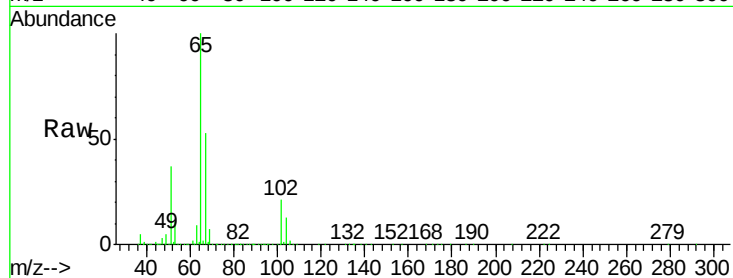
#33
 1,2-Dichloroethane-d4
 Concen: 51.811 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	108.8

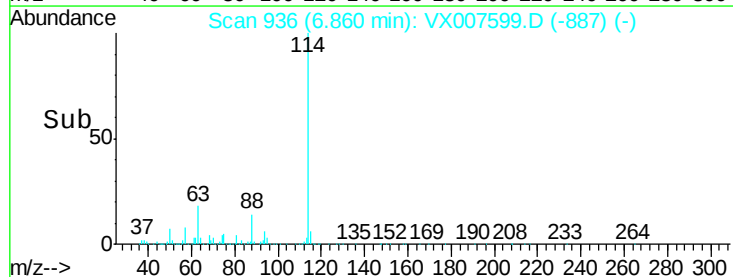
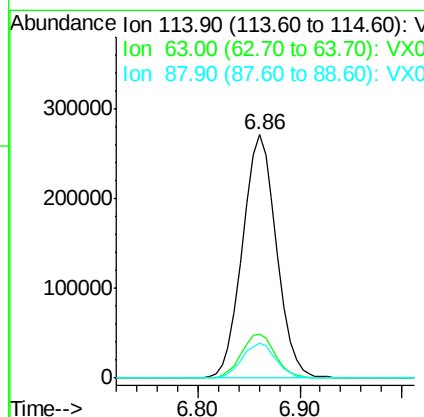
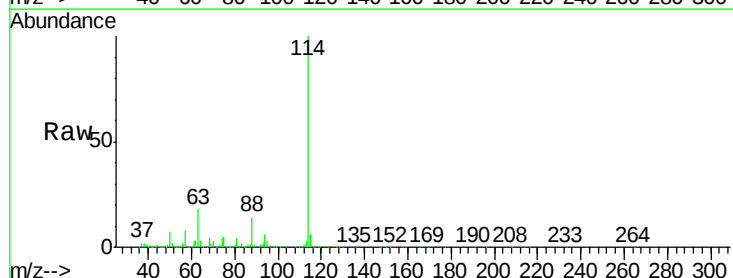
Manual Integrations
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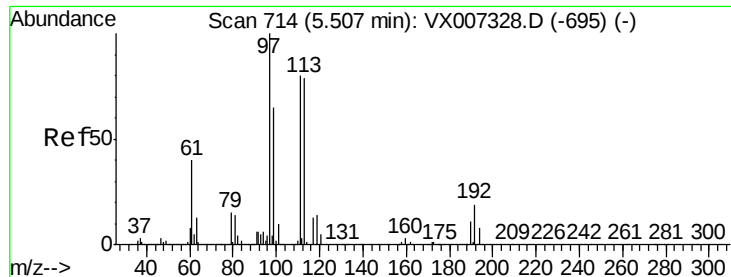
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	35.6
88	14.4	0.0	29.6





#35

Dibromofluoromethane

Concen: 52.271 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

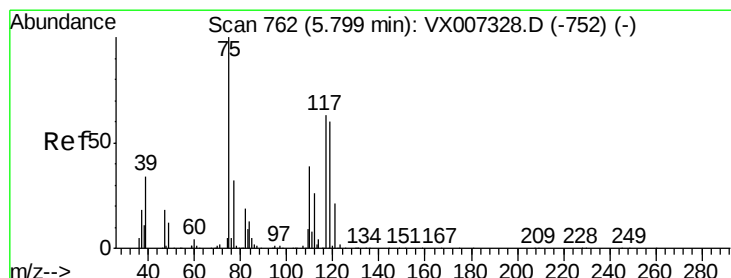
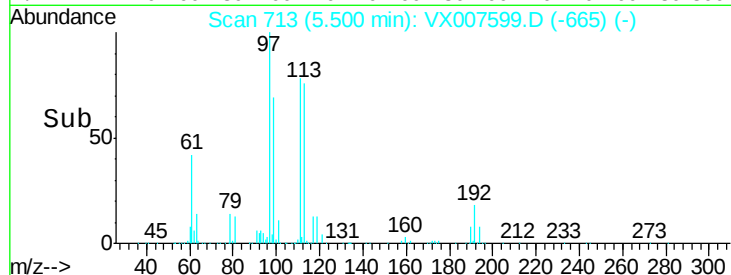
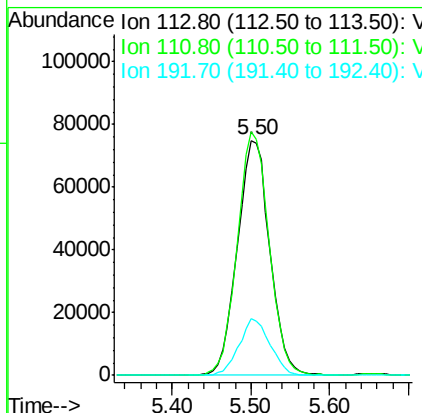
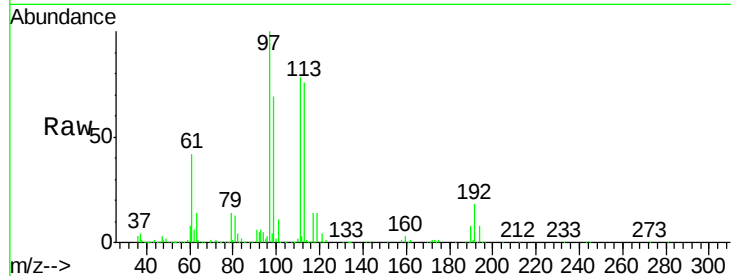
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	214246
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.8	122.8
192	23.2	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 45.272 ug/l

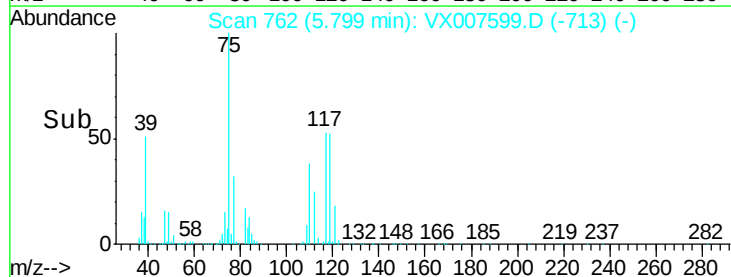
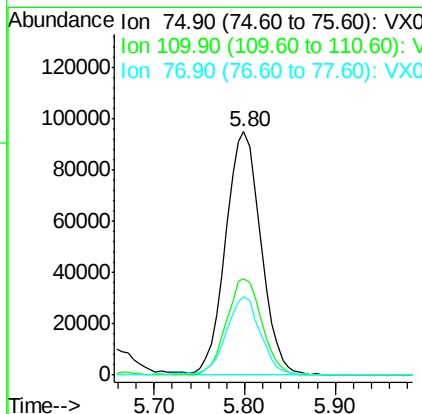
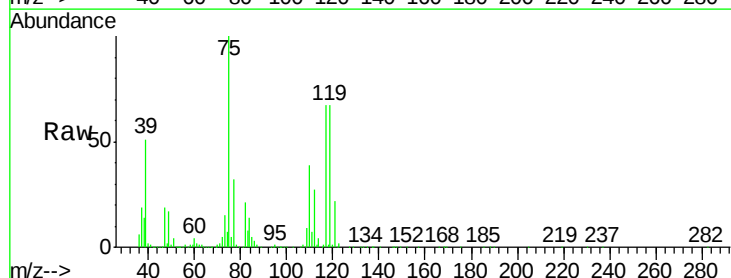
RT: 5.80 min Scan# 762

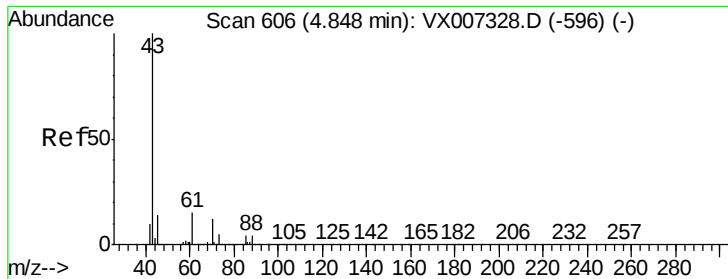
Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Tgt Ion:	75	Resp:	255877
Ion Ratio	Lower	Upper	
75	100		
110	40.1	20.0	59.9
77	31.7	24.7	37.1





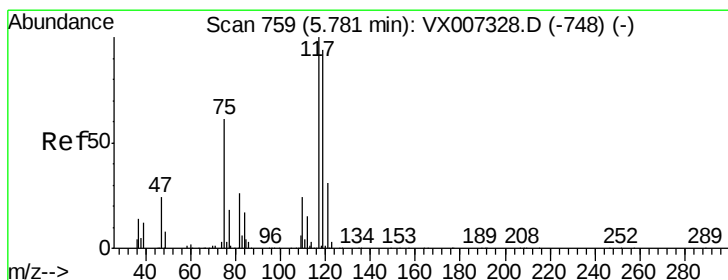
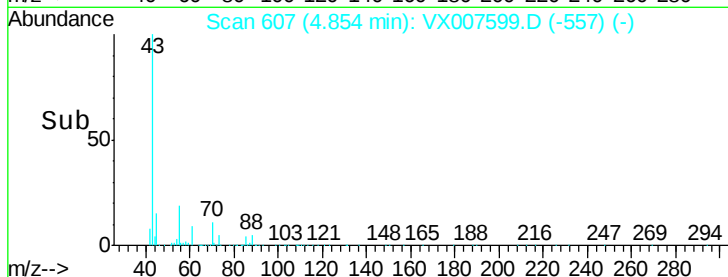
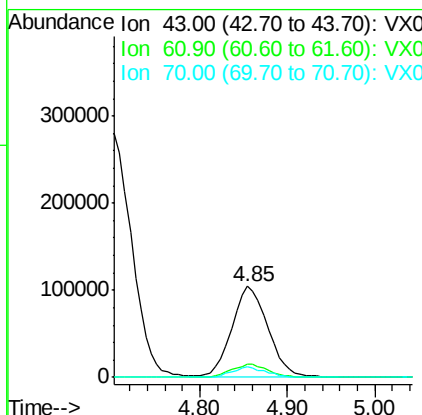
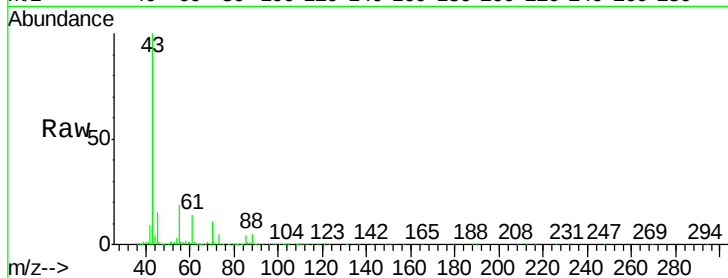
#37
Ethyl Acetate
Concen: 52.253 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	298543
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.3	16.9
70	10.4	8.6	13.0

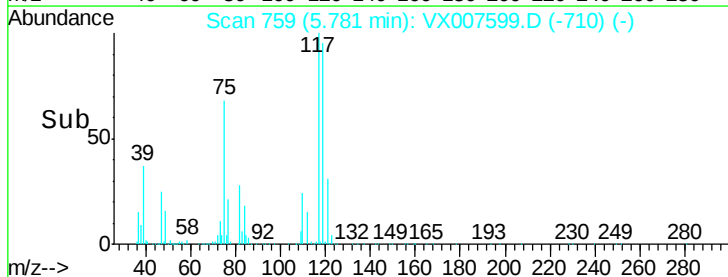
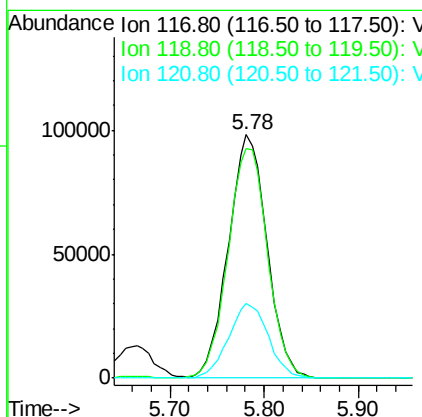
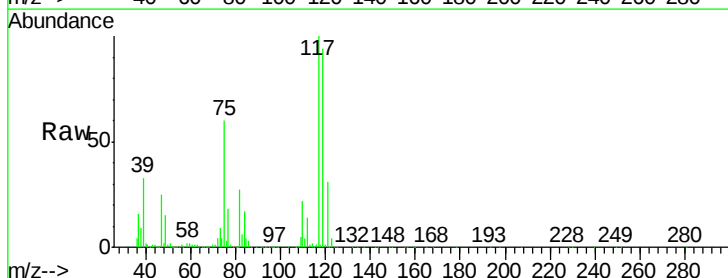
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#38
Carbon Tetrachloride
Concen: 51.024 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion:	117	Resp:	279779
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.3	112.9
121	30.9	25.0	37.4





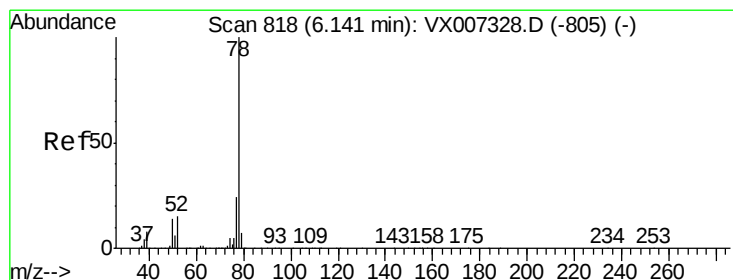
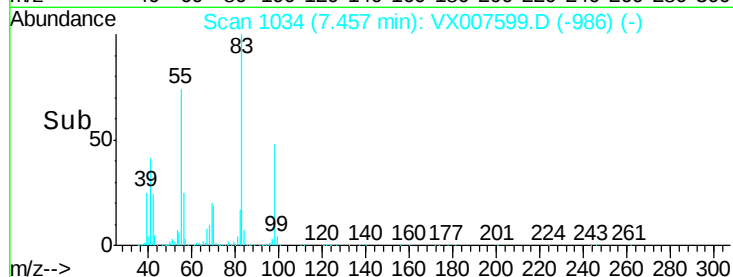
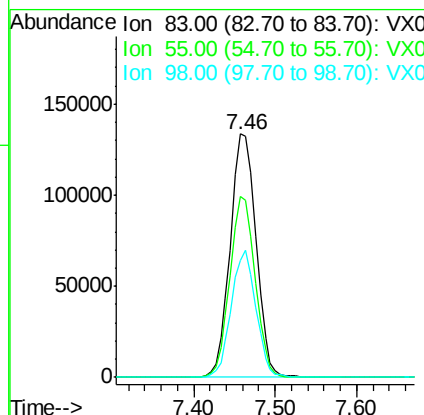
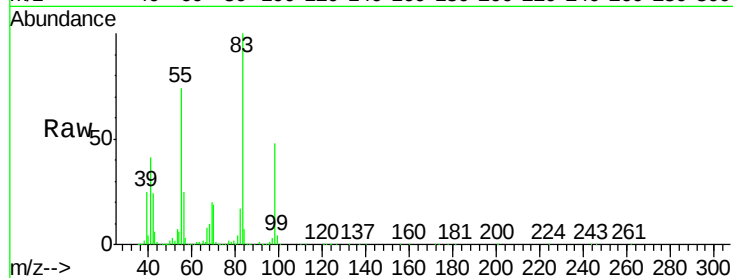
#39
Methvlcvclohexane
Concen: 42.733 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	56.2	84.2
98	48.0	36.8	55.2

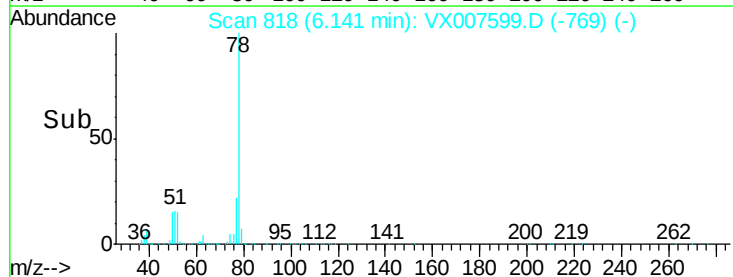
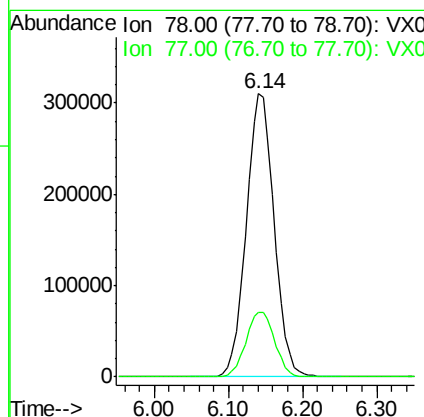
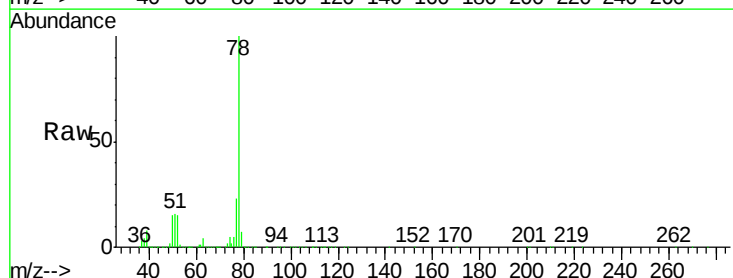
Manual Integrations
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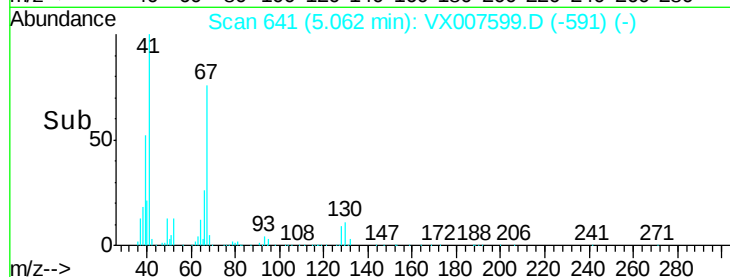
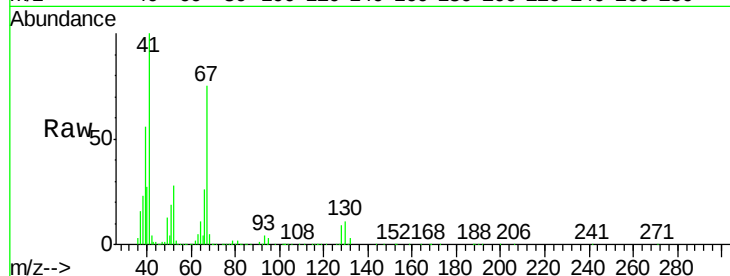
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#40
Benzene
Concen: 48.842 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

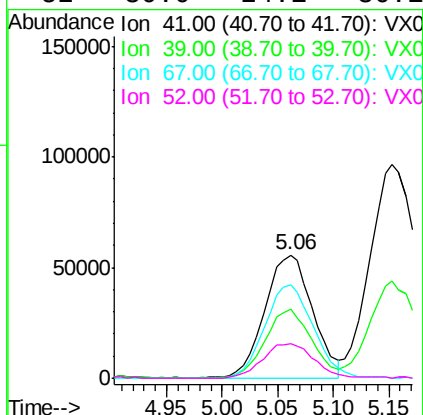
Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.3	28.9





#41
Methacrylonitrile
Concen: 54.164 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

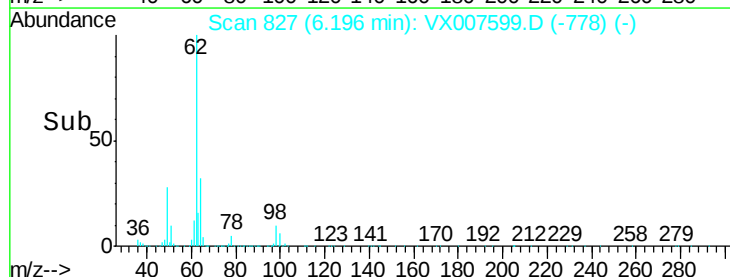
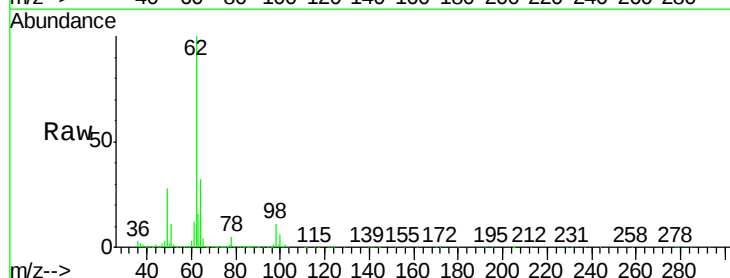
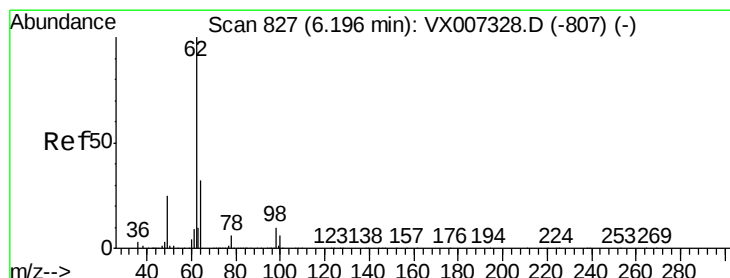
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		165859		
39	54.3	44.5	66.7		
67	77.6	60.4	90.6		
52	30.0	24.1	36.1		



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

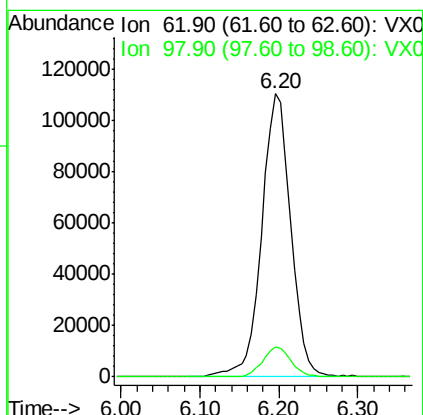
Manual Integrations
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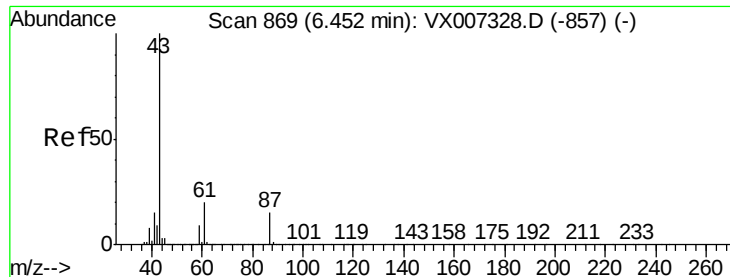
MMDadoda
2/19/2019 11:01:30 AM



#42
1,2-Dichloroethane
Concen: 48.887 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		281615		
98	10.3	0.0	19.0		





#43

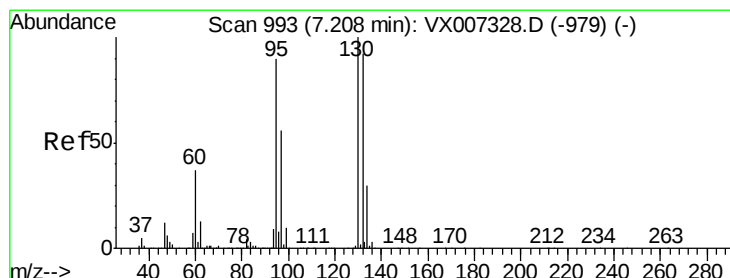
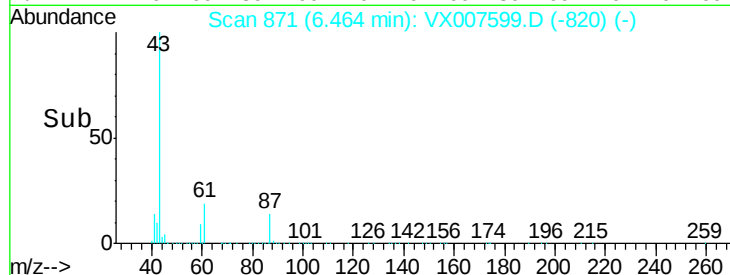
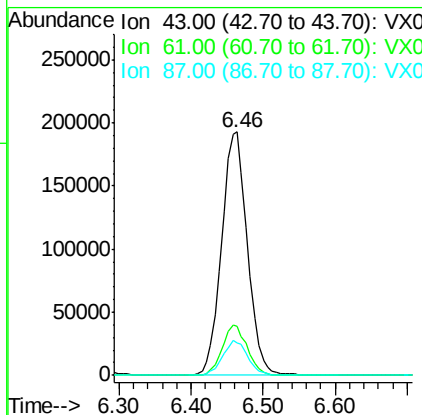
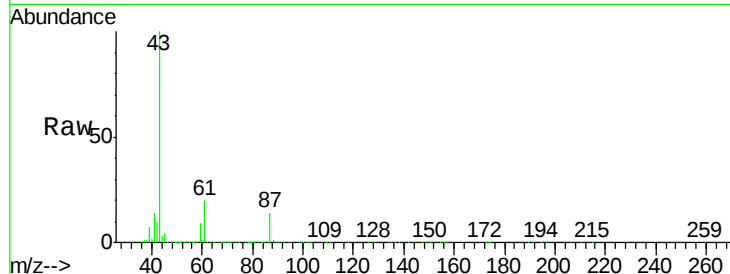
Isopropyl Acetate
 Concen: 54.142 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.1	24.1
87	14.0	11.5	17.3

Manual Integrations
 APPROVED

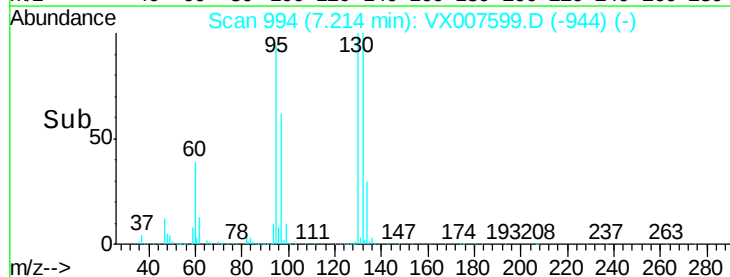
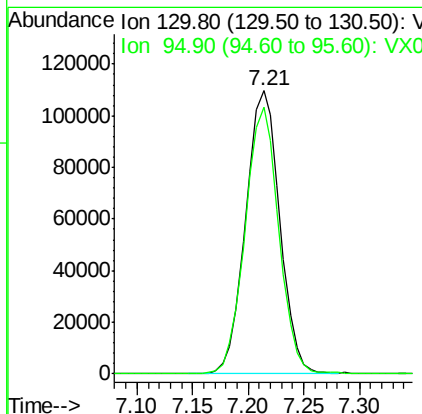
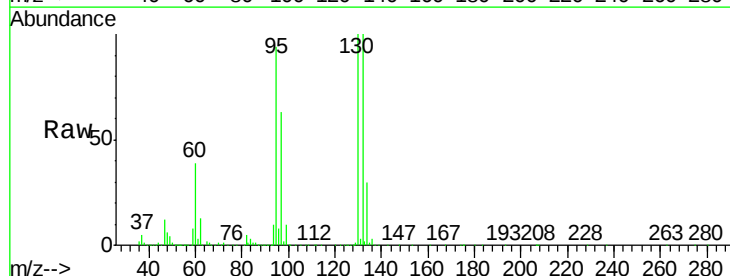
MMDadoda
 2/19/2019 11:01:30 AM

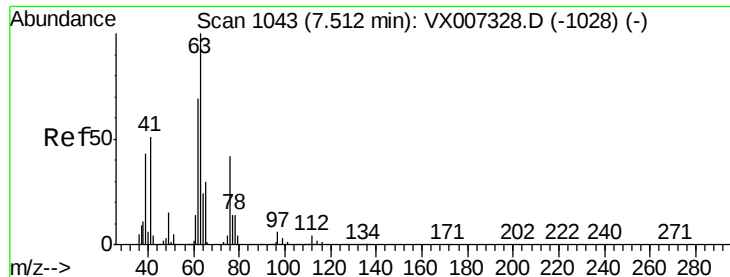


#44

Trichloroethene
 Concen: 46.797 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	180.0





#45

1,2-Dichloropropane

Concen: 50.359 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 210073

Ion Ratio Lower Upper

63 100

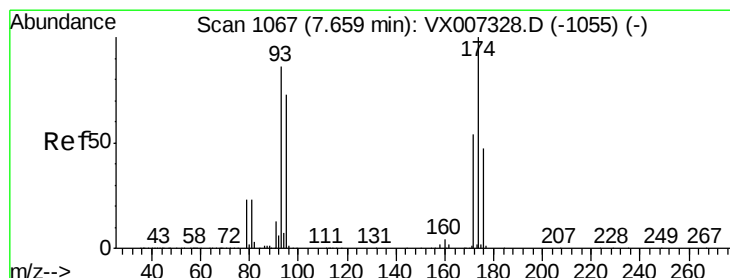
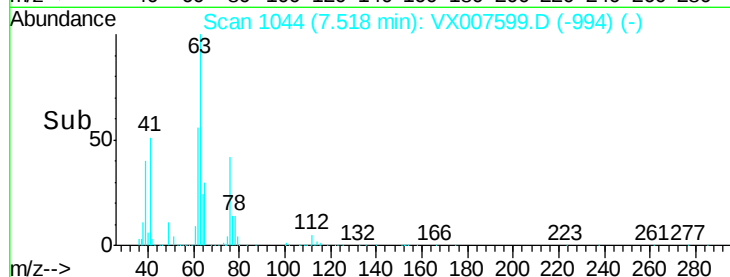
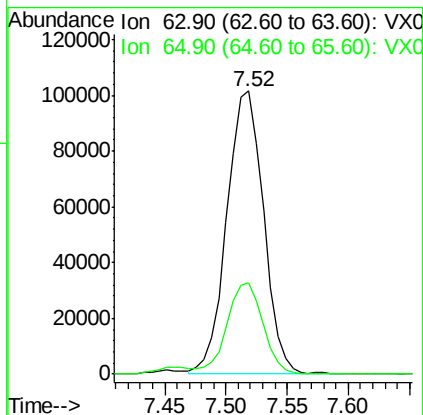
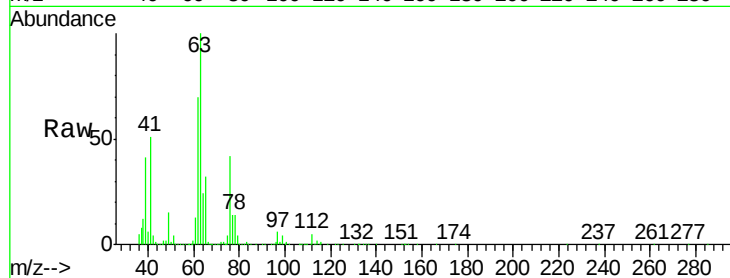
65 32.1 24.2 36.2

Manual Integrations

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#46

Dibromomethane

Concen: 49.595 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

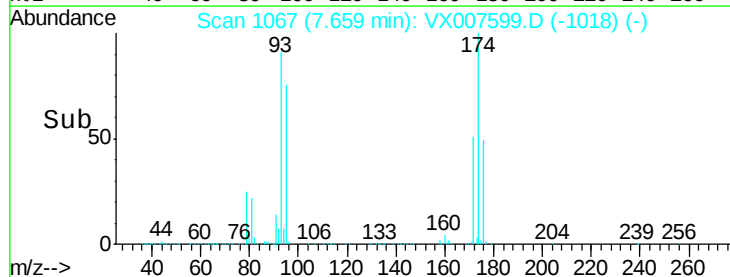
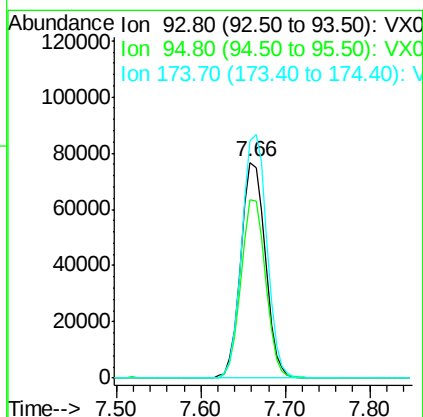
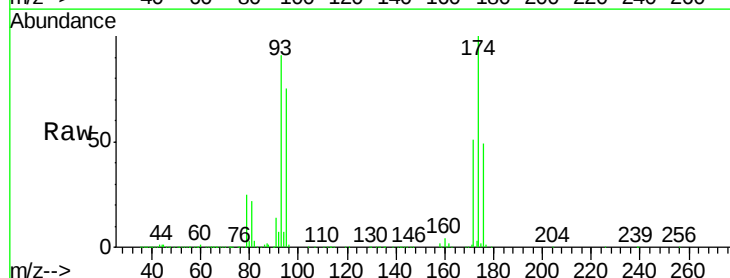
Tgt Ion: 93 Resp: 150366

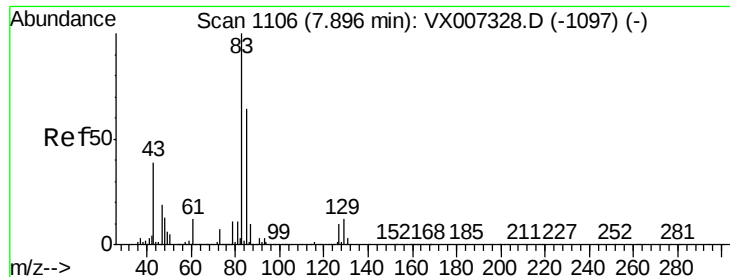
Ion Ratio Lower Upper

93 100

95 82.5 67.6 101.4

174 114.3 94.2 141.4





#47

Bromodichloromethane

Concen: 54.009 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

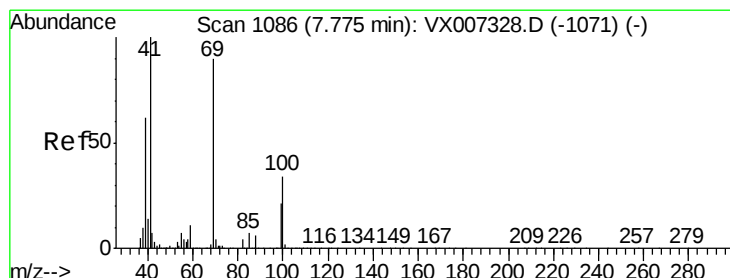
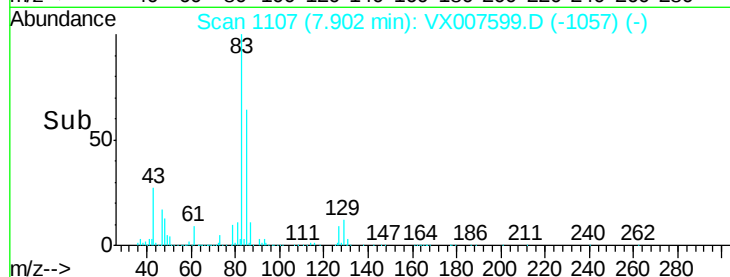
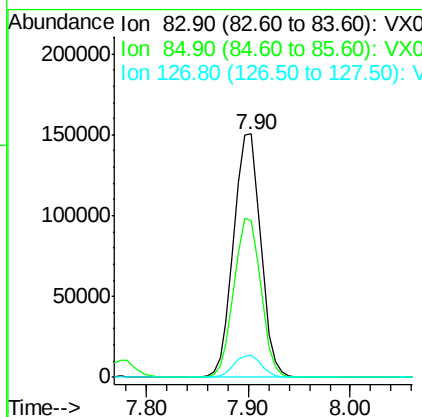
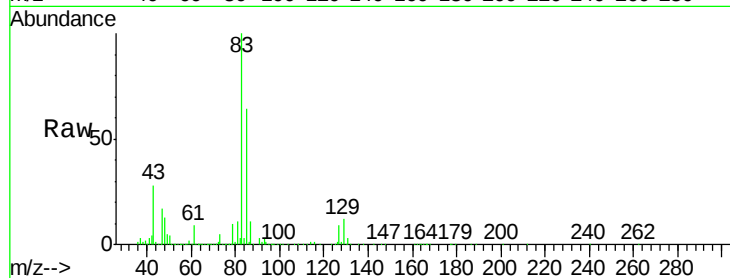
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	277513
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.4	77.0
127	9.2	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.985 ug/l

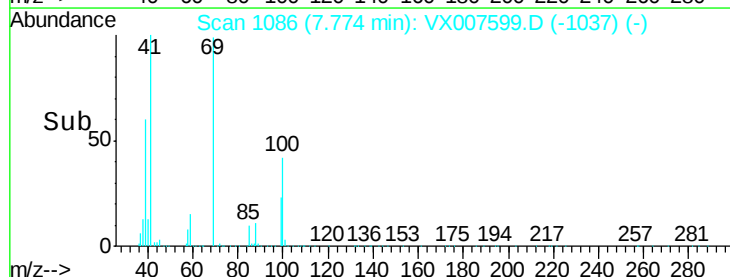
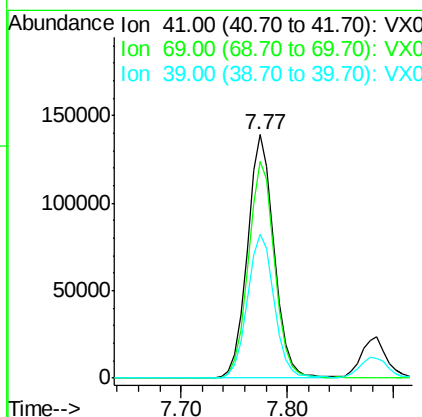
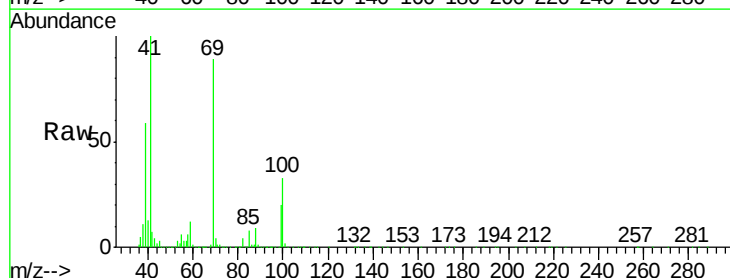
RT: 7.77 min Scan# 1086

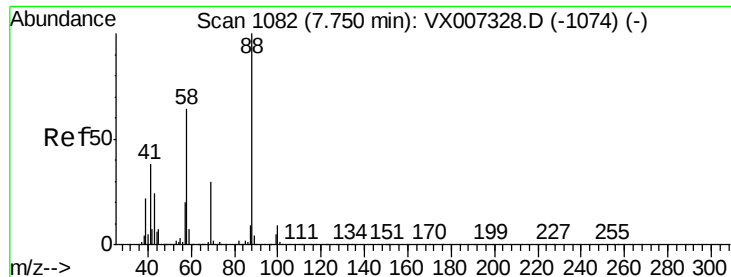
Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Tgt Ion:	41	Resp:	242546
Ion Ratio	Lower	Upper	
41	100		
69	88.2	70.2	105.4
39	59.7	47.4	71.0





#49

1,4-Dioxane

Concen: 1052.573 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

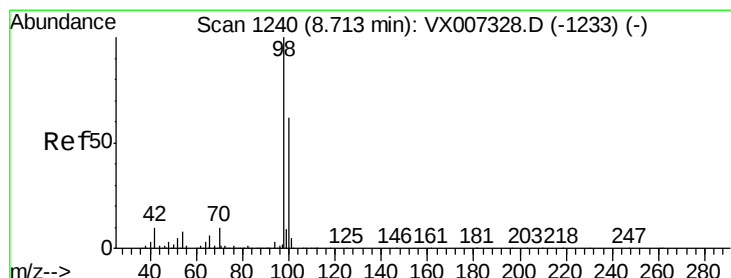
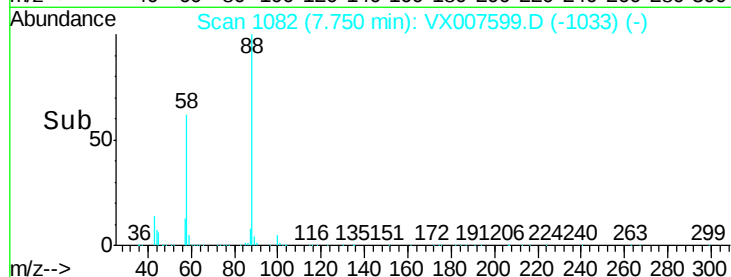
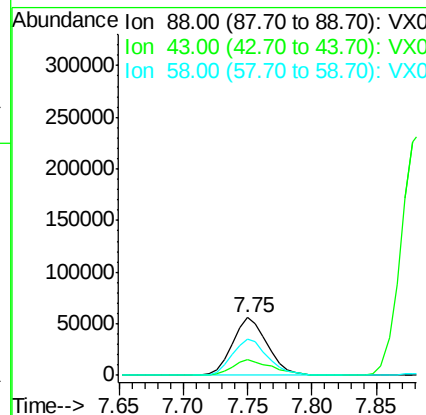
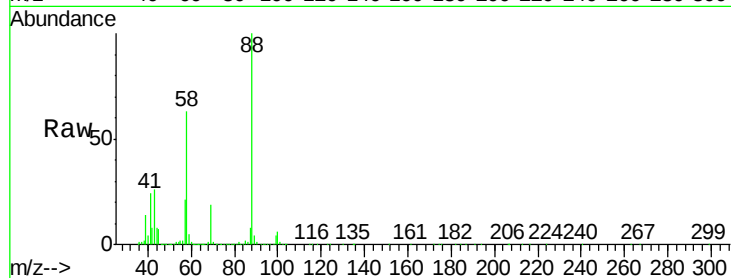
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	105628
Ion	Ratio	Lower	Upper
88	100		
43	29.9	24.2	36.4
58	65.6	53.0	79.4

Manual Integrations
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#50

Toluene-d8

Concen: 50.448 ug/l

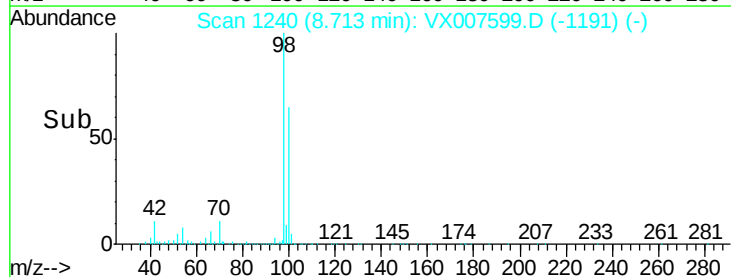
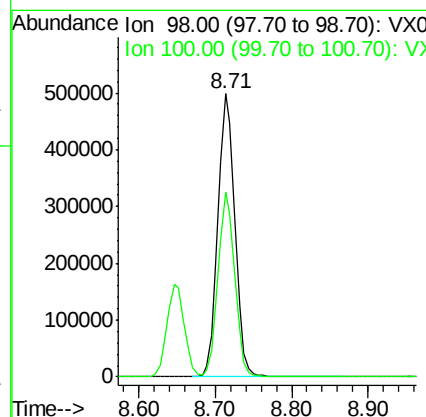
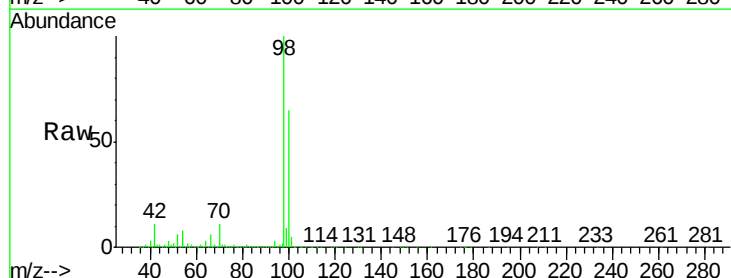
RT: 8.71 min Scan# 1240

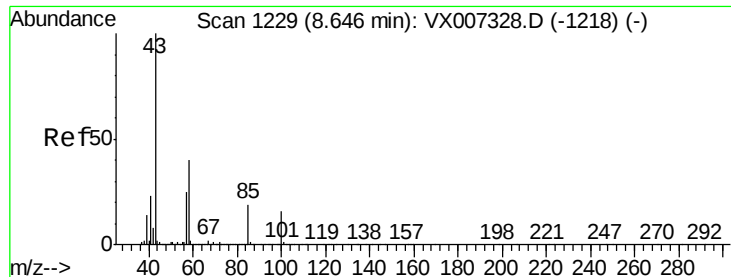
Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Tgt Ion:	98	Resp:	767168
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.6	77.4





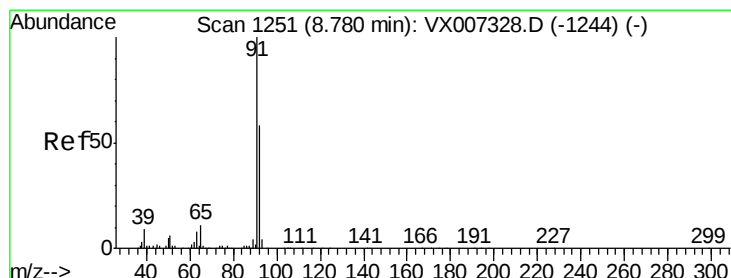
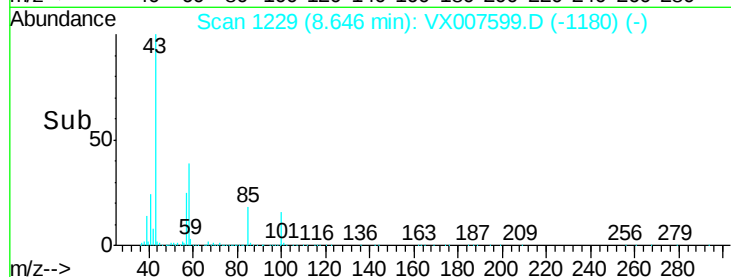
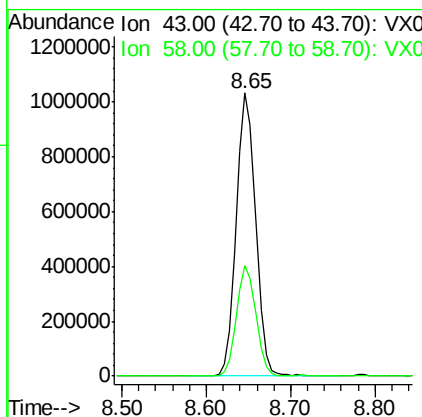
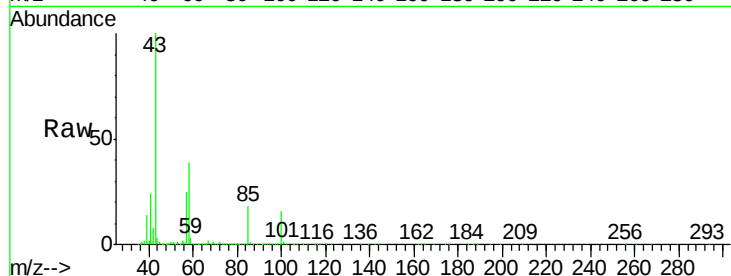
#51
4-Methyl-2-Pentanone
Concen: 273.857 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1589869
Ion Ratio Lower Upper
43 100
58 38.8 31.2 46.8

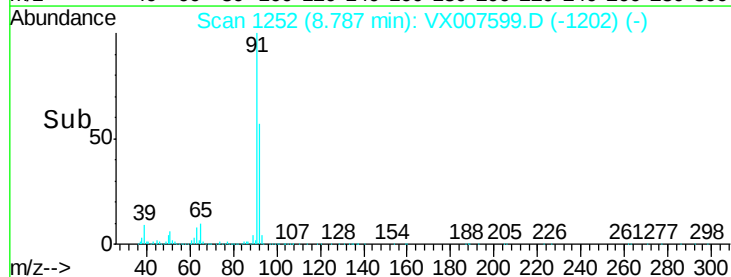
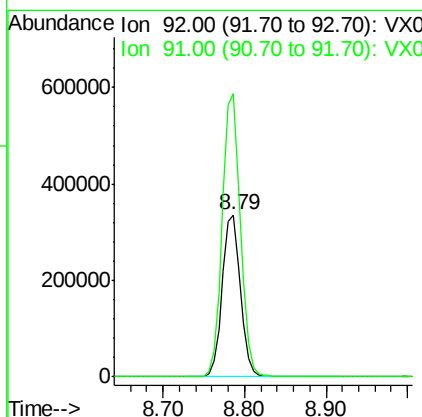
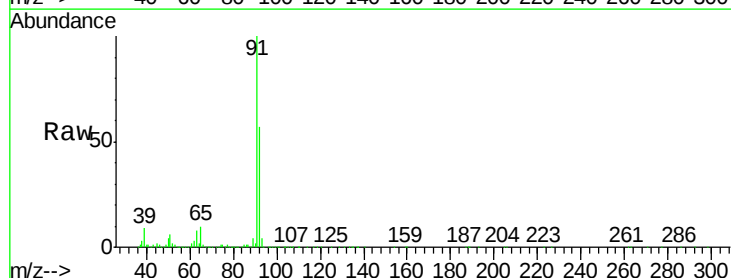
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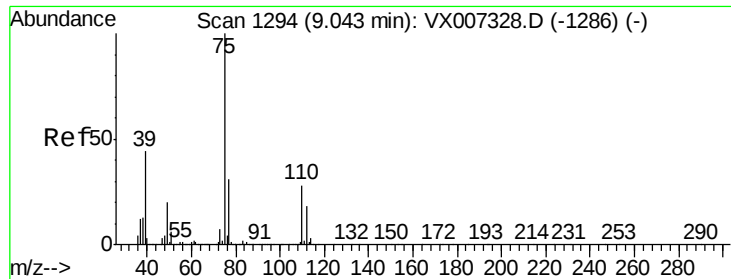
MMDadoda
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#52
Toluene
Concen: 48.502 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion: 92 Resp: 520999
Ion Ratio Lower Upper
92 100
91 174.6 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 52.926 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 292114

Ion Ratio Lower Upper

75 100

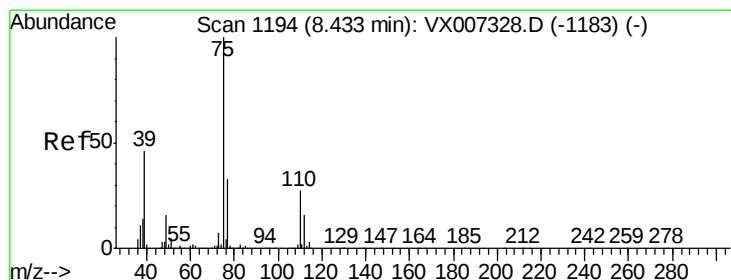
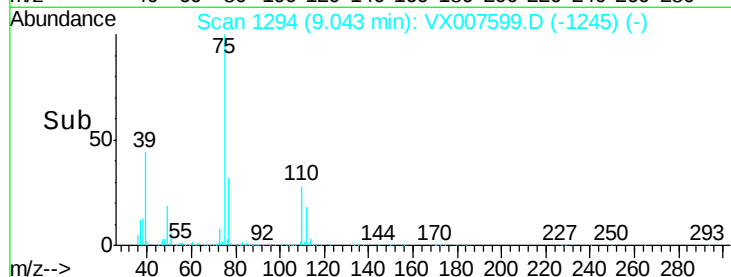
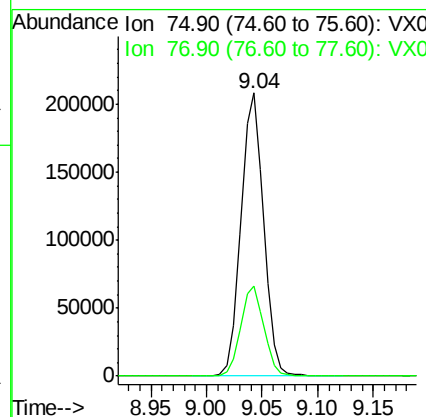
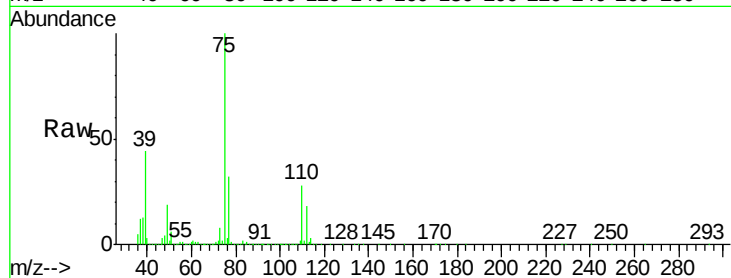
77 31.9 25.2 37.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 53.077 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

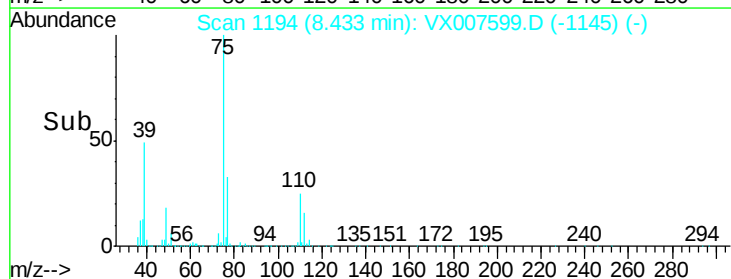
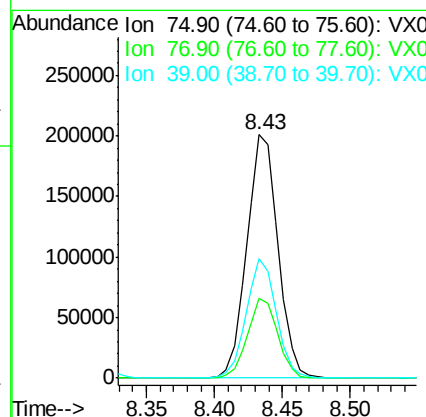
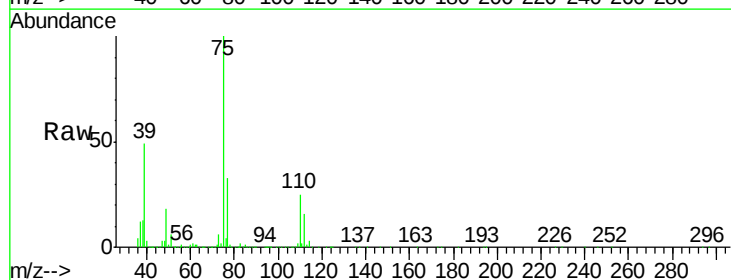
Tgt Ion: 75 Resp: 322155

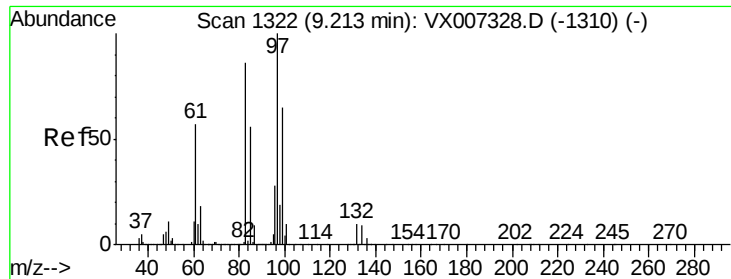
Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.4

39 48.8 37.1 55.7





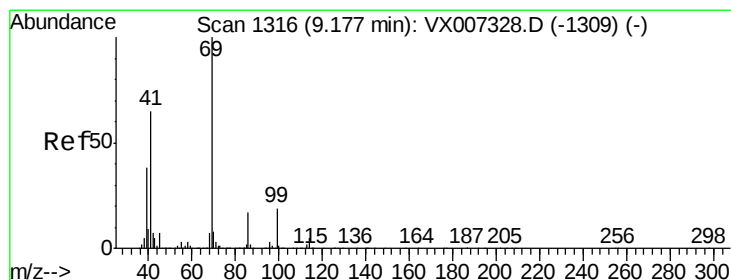
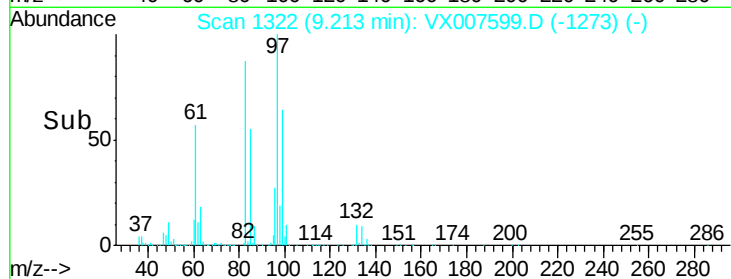
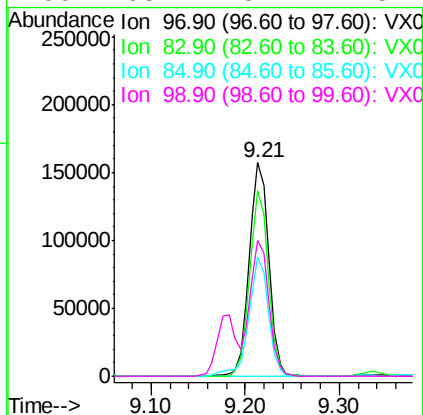
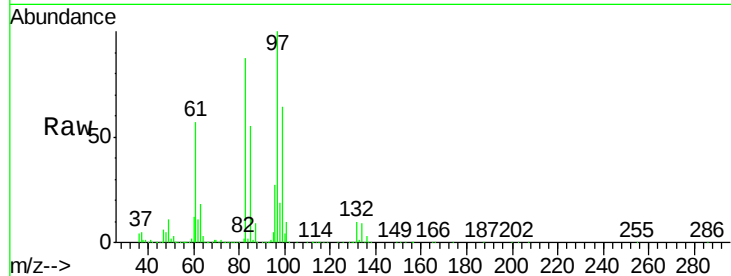
#55
 1,1,2-Trichloroethane
 Concen: 51.475 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.8	68.6	102.8
85	55.4	44.5	66.7
99	63.7	52.2	78.4

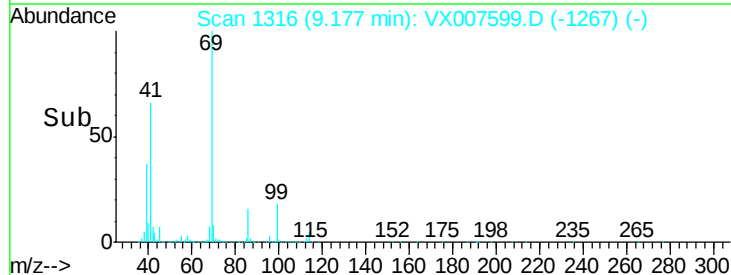
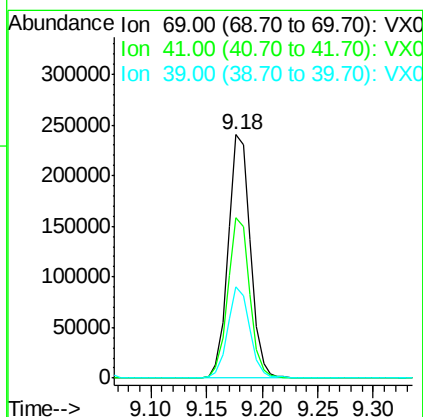
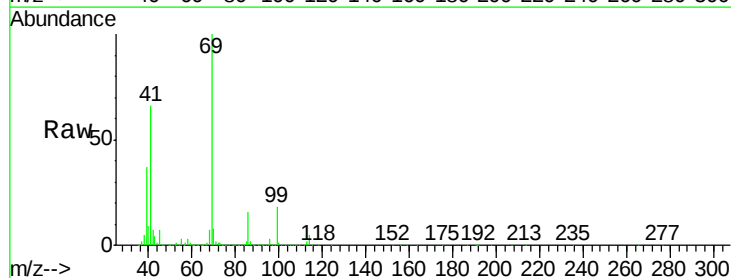
Manual Integrations
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 2/19/2019 11:01:30 AM



#56
 Ethyl methacrylate
 Concen: 53.133 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.8	52.1	78.1
39	37.0	30.1	45.1





#57

1,3-Dichloropropane

Concen: 50.659 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 360731

Ion Ratio Lower Upper

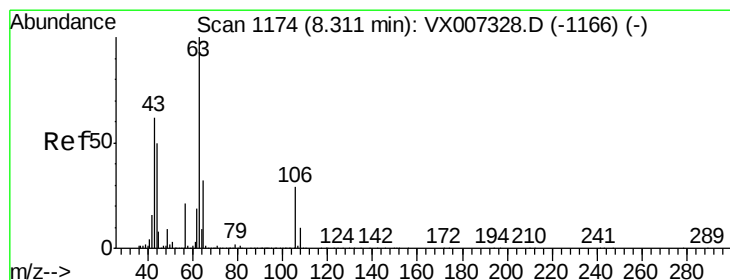
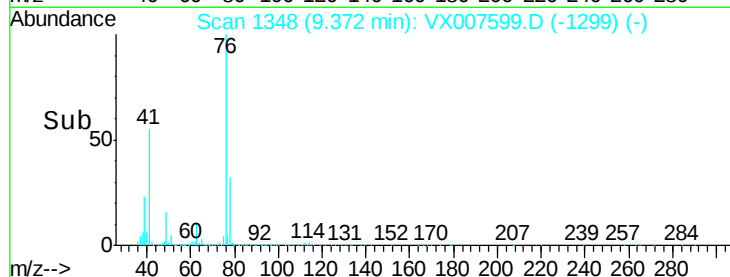
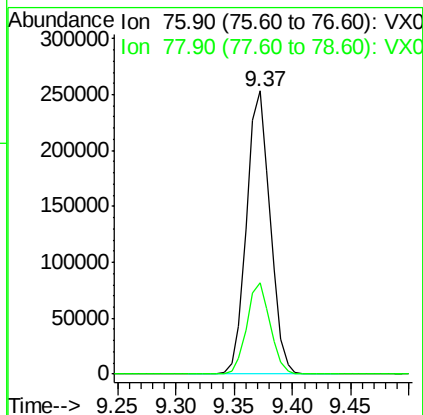
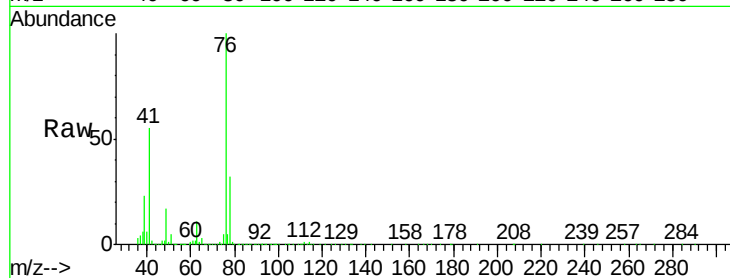
76 100

78 31.8 25.8 38.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 268.422 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007599.D

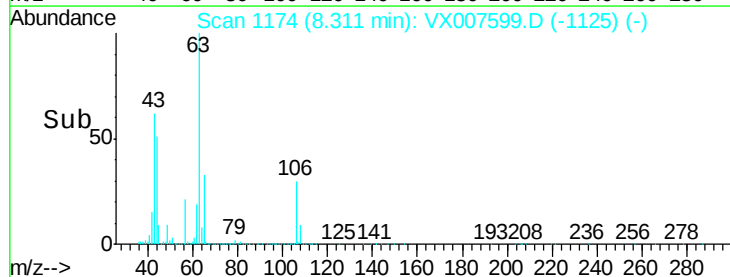
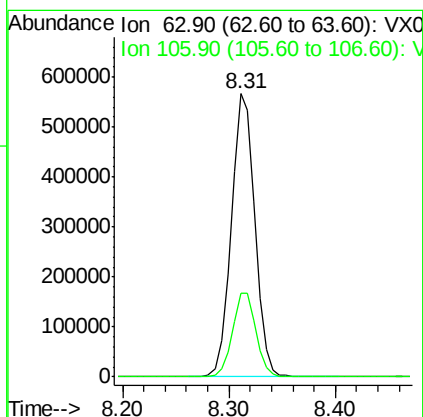
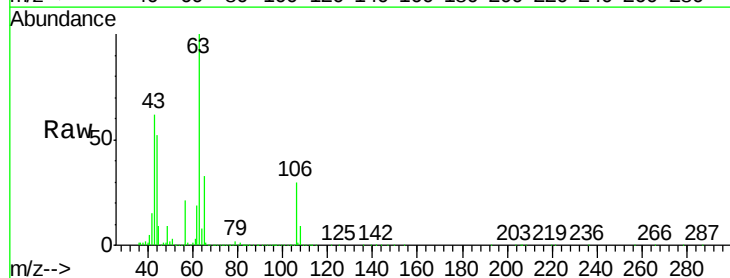
Acq: 18 Feb 2019 19:58

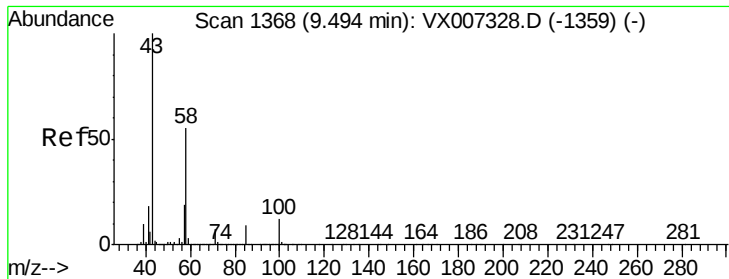
Tgt Ion: 63 Resp: 877403

Ion Ratio Lower Upper

63 100

106 29.9 23.6 35.4





#59

2-Hexanone

Concen: 265.662 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1200163

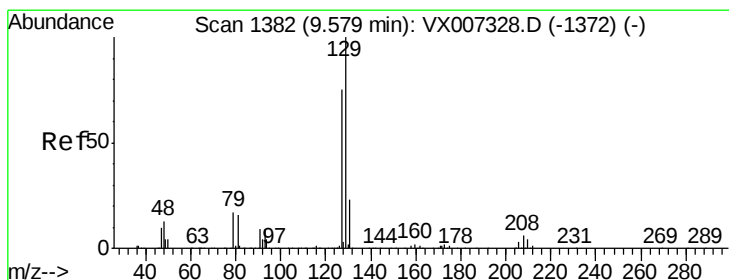
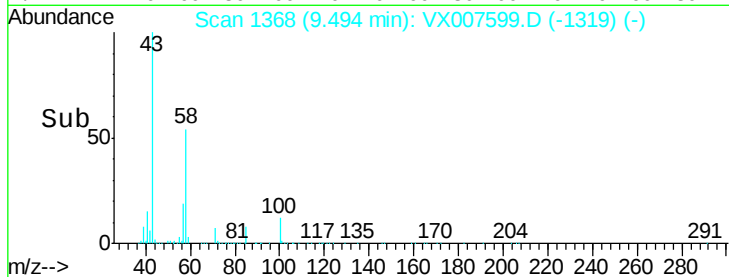
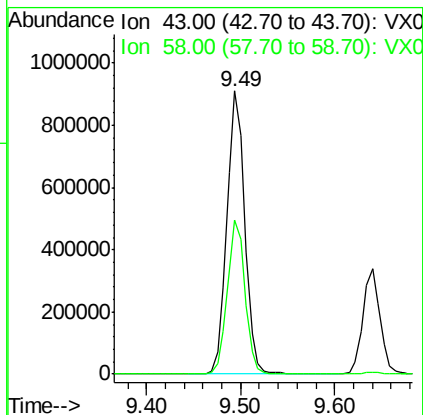
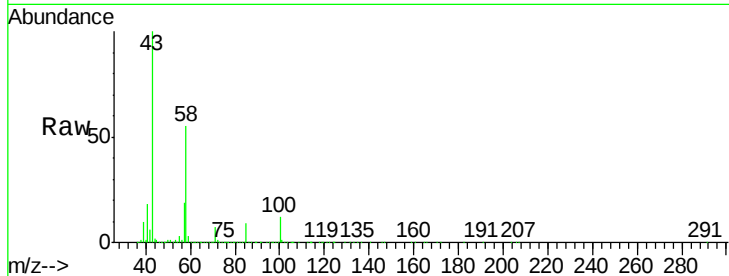
Ion Ratio Lower Upper

43 100

58 54.1 27.1 81.3

Manual Integrations
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#60

Dibromochloromethane

Concen: 57.813 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007599.D

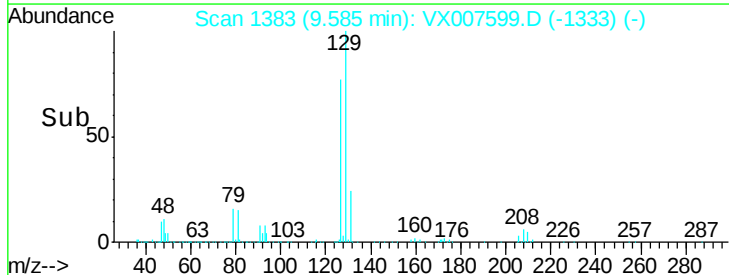
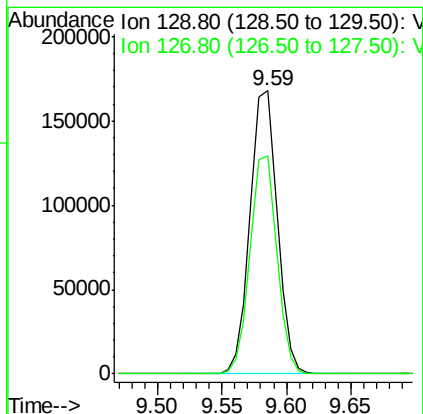
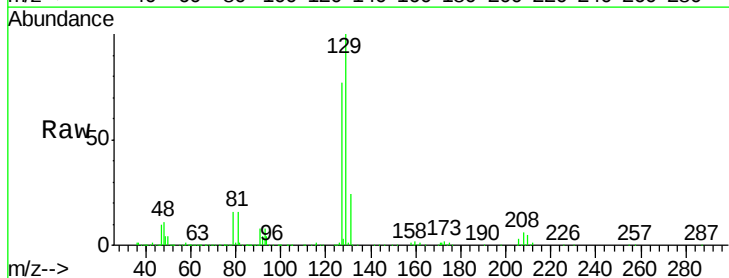
Acq: 18 Feb 2019 19:58

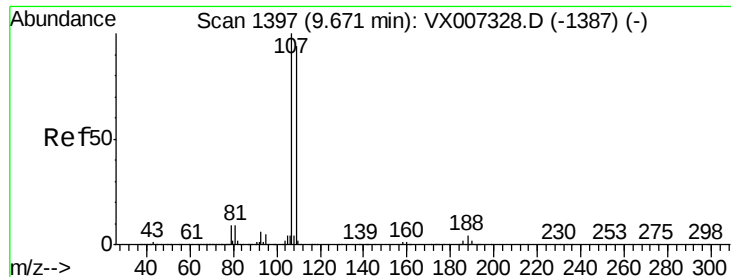
Tgt Ion: 129 Resp: 244828

Ion Ratio Lower Upper

129 100

127 75.9 37.8 113.4





#61

1,2-Dibromoethane

Concen: 51.798 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 245621

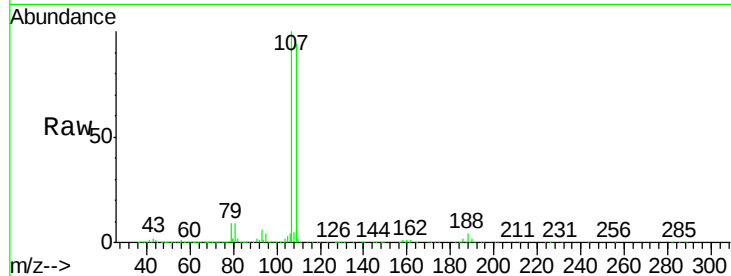
Ion Ratio Lower Upper

107 100

109 93.7 75.1 112.7

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

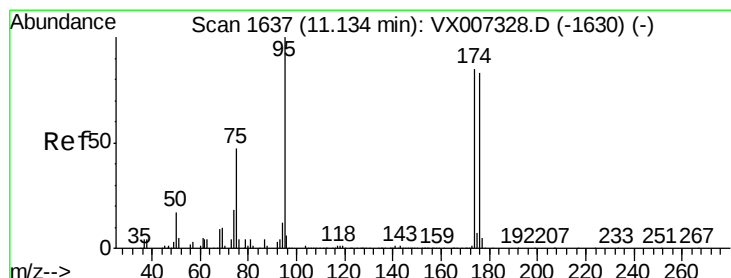
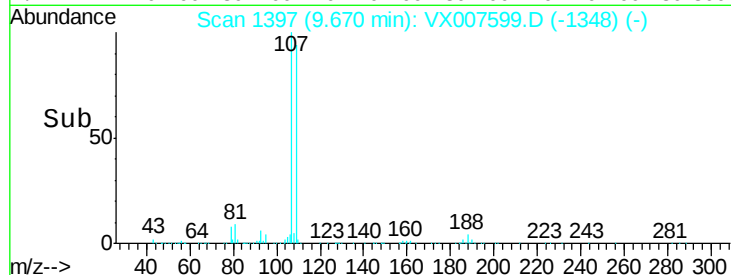
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.842 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

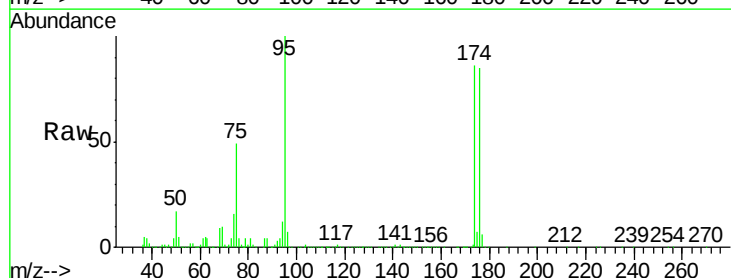
Tgt Ion: 95 Resp: 276727

Ion Ratio Lower Upper

95 100

174 93.4 0.0 189.2

176 90.1 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

300000

250000

200000

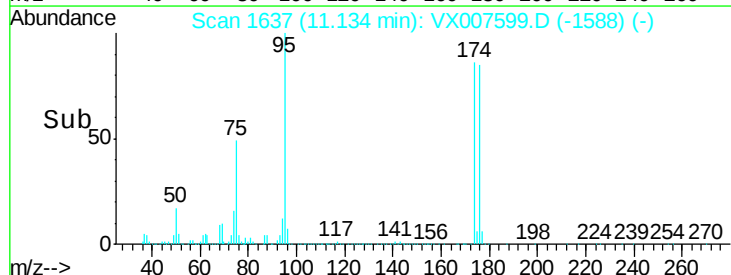
150000

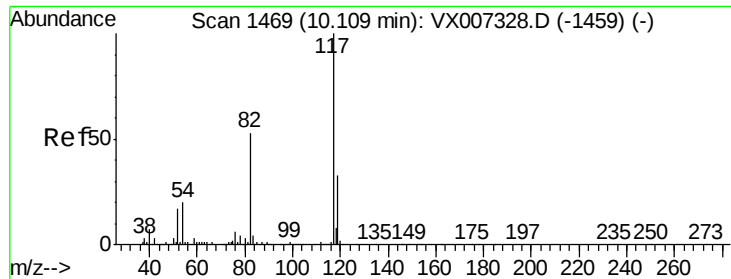
100000

50000

0

Time-->





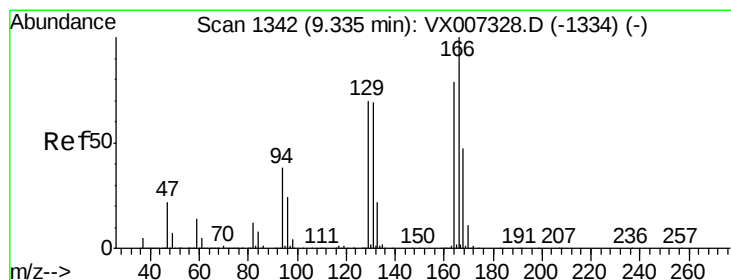
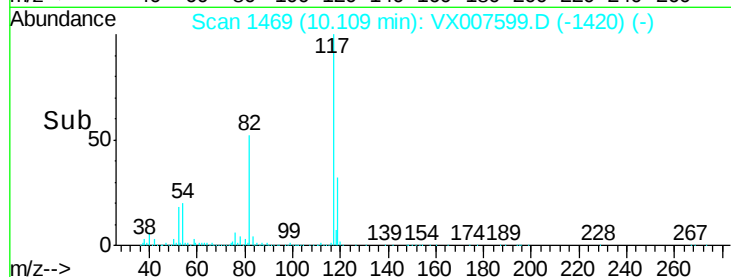
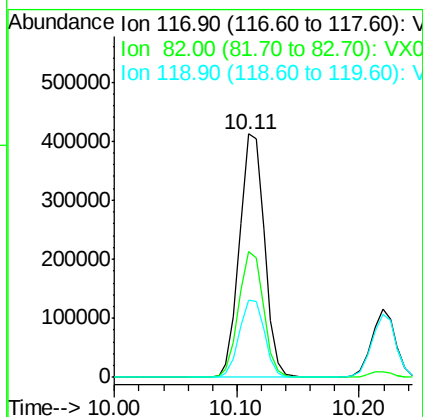
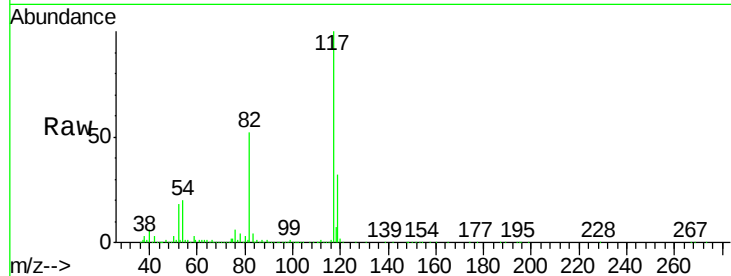
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	42.1	63.1
119	31.6	26.5	39.7

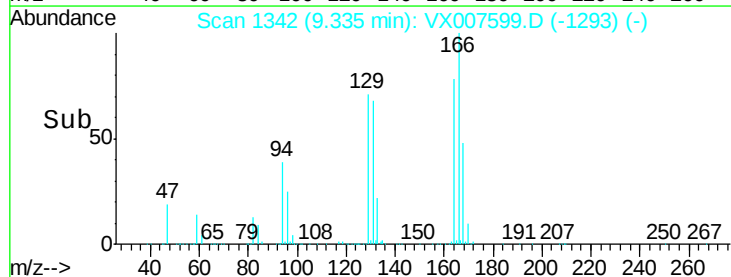
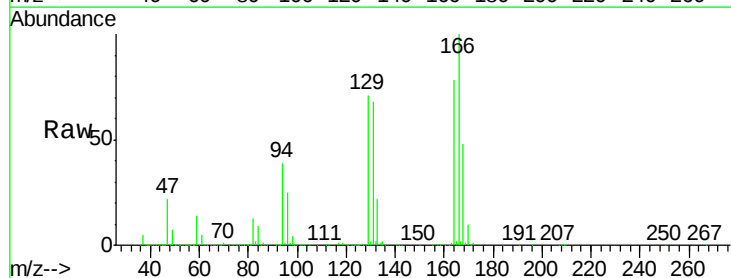
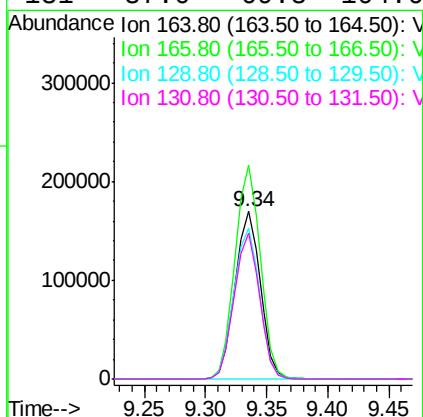
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#64
Tetrachloroethene
Concen: 44.244 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	101.0	151.4
129	90.4	70.5	105.7
131	87.0	69.8	104.6





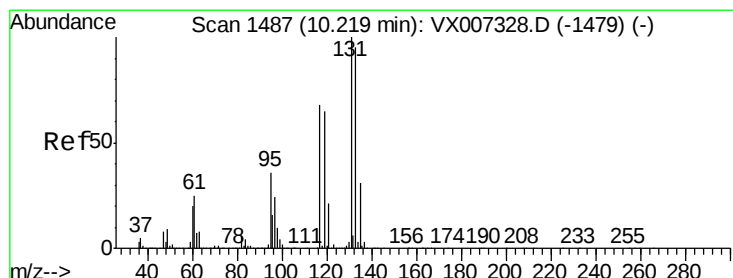
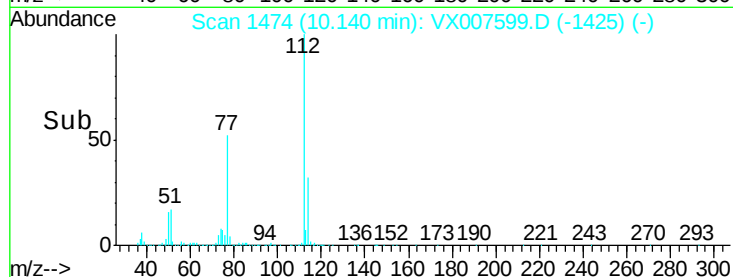
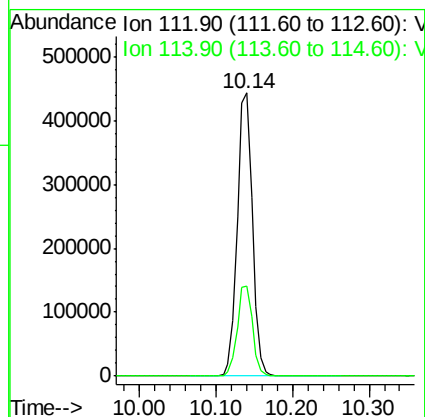
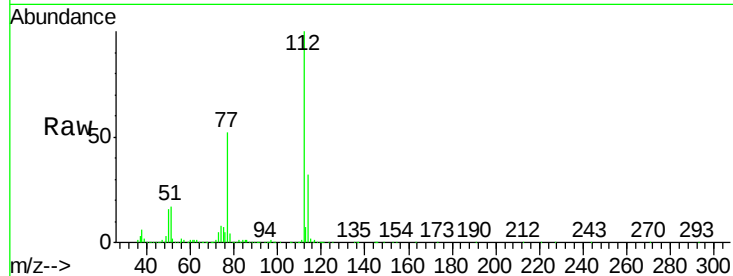
#65
Chlorobenzene
Concen: 47.872 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 608002
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6

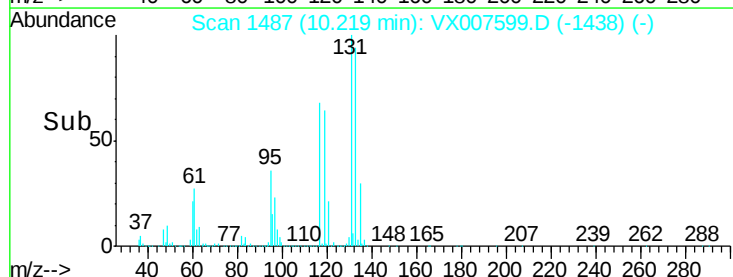
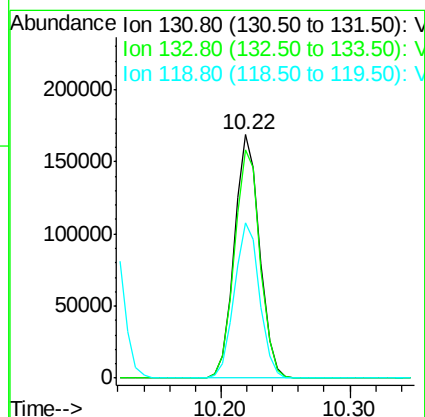
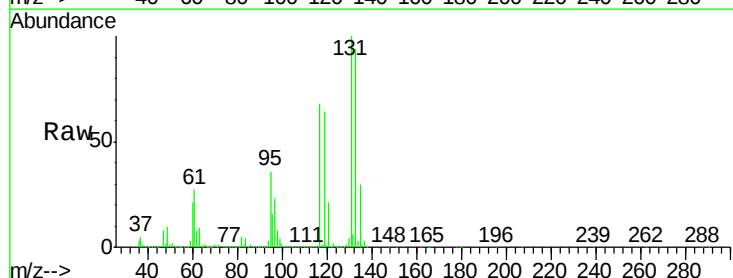
Manual Integrations
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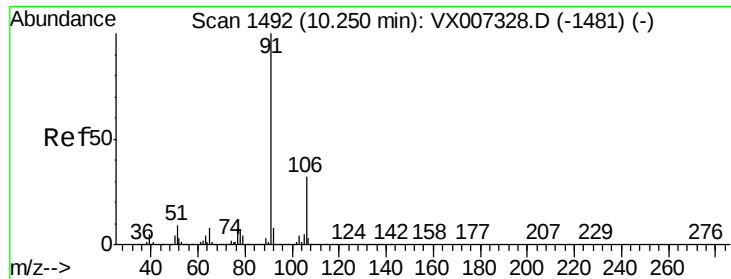
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.083 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion:131 Resp: 230293
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.2
119 63.9 32.0 96.0





#67

Ethyl Benzene

Concen: 49.168 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1005630

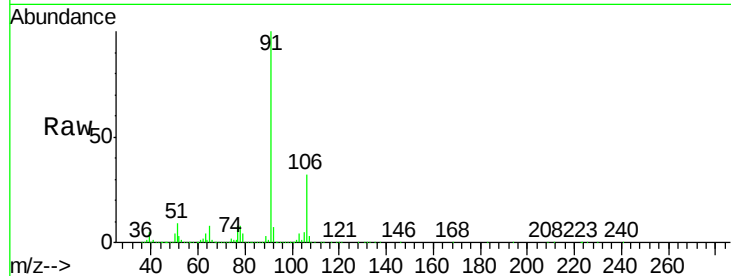
Ion Ratio Lower Upper

91 100

106 31.9 25.4 38.0

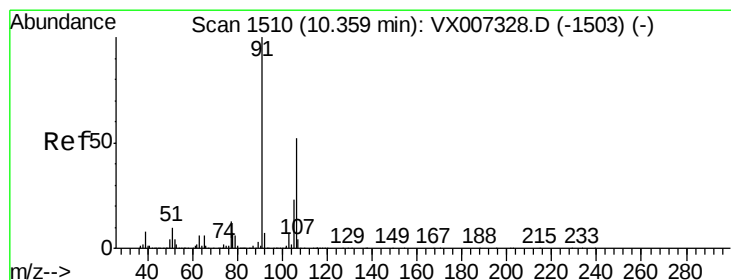
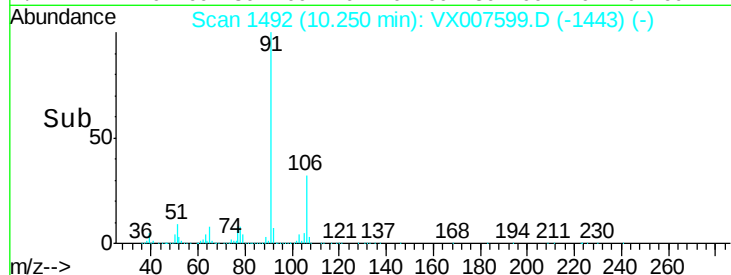
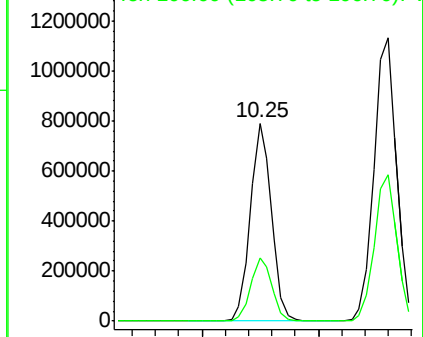
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 96.324 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007599.D

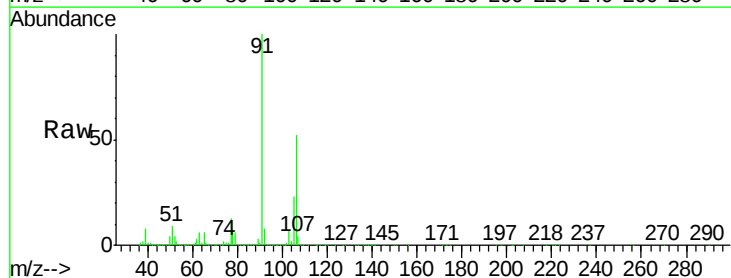
Acq: 18 Feb 2019 19:58

Tgt Ion: 106 Resp: 783148

Ion Ratio Lower Upper

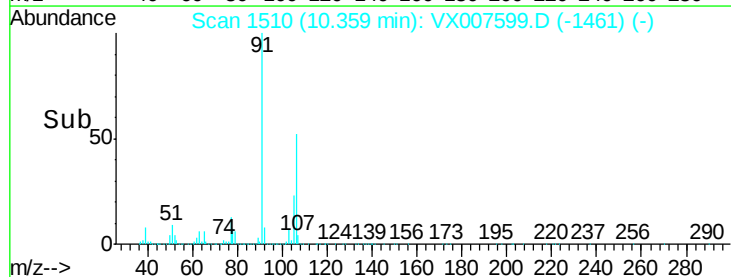
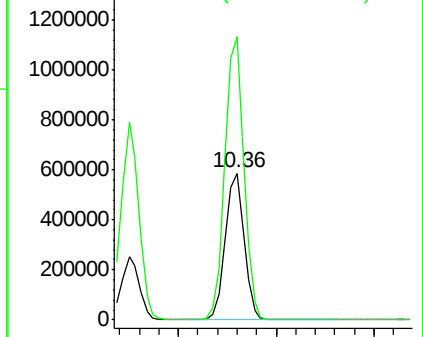
106 100

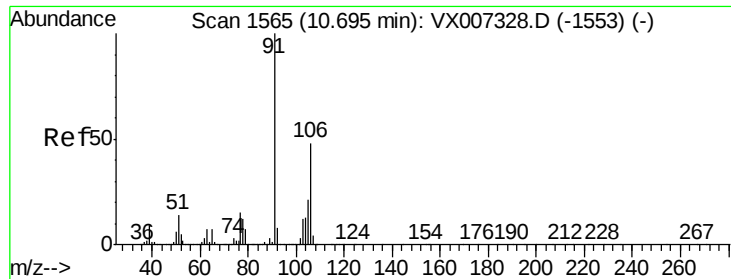
91 194.7 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





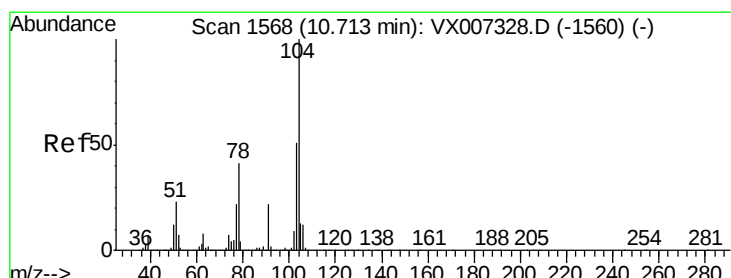
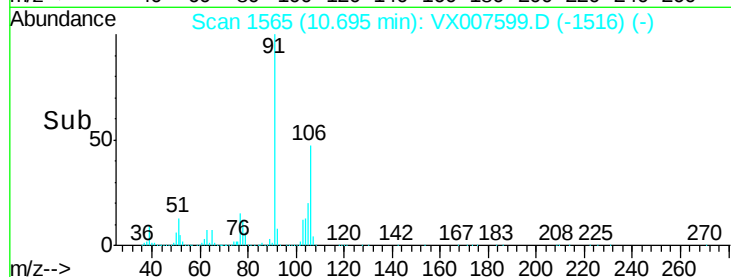
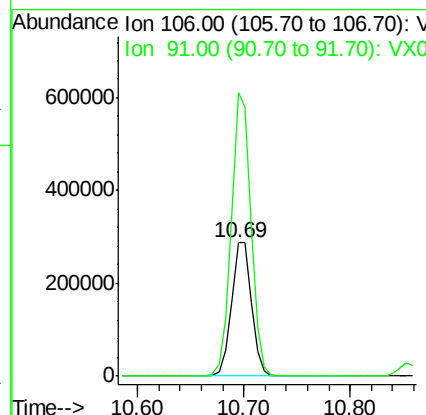
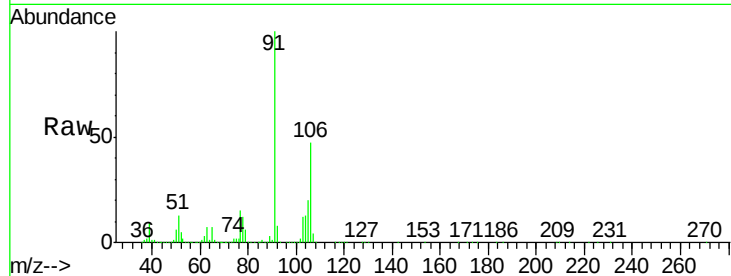
#69
o-Xylene
Concen: 48.756 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
381440	106			
100	106	100		
207.7	91	207.7	102.9	308.7

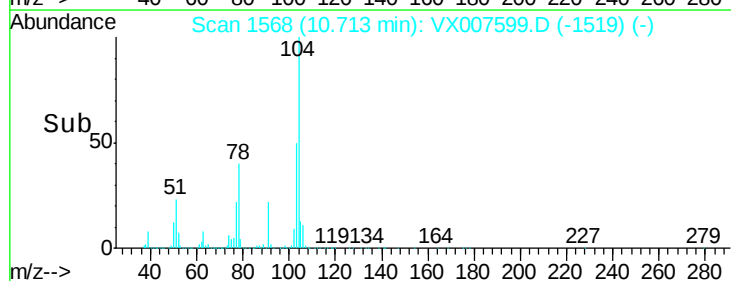
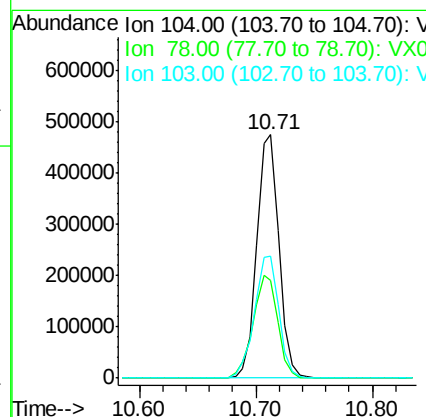
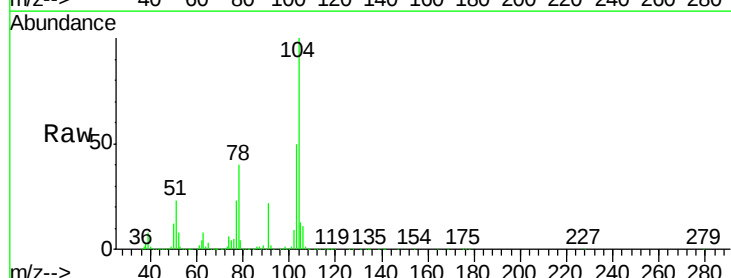
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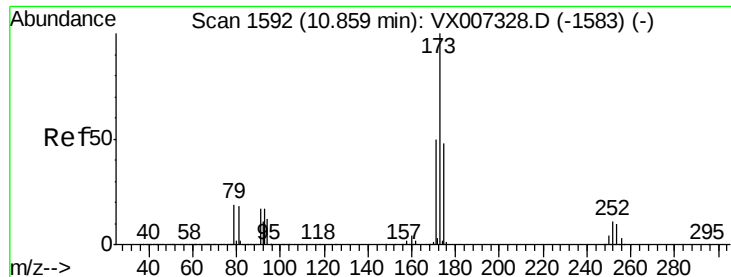
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#70
Styrene
Concen: 49.677 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion	Ion	Ratio	Lower	Upper
630286	104			
100	104	100		
47.2	78	47.2	38.3	57.5
55.5	103	55.5	44.6	67.0





#71

Bromoform

Concen: 49.434 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

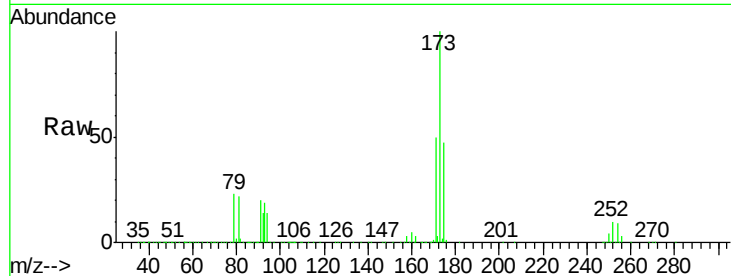
ClientSampleId :

VSTDCCC050EC

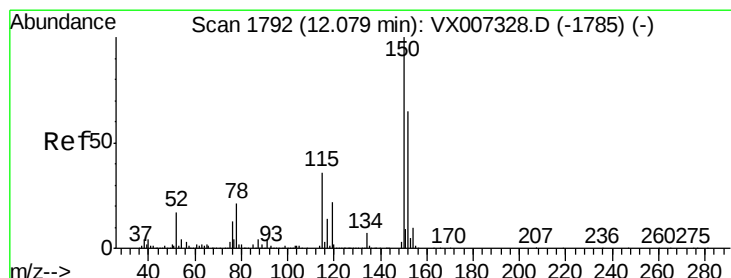
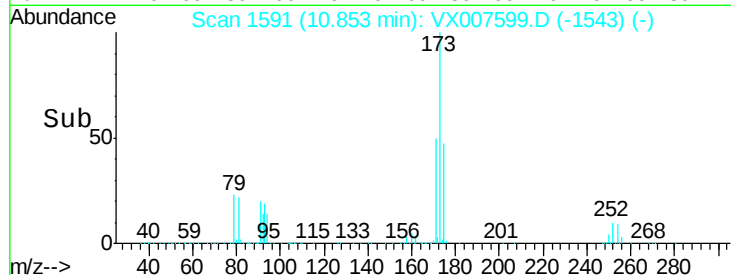
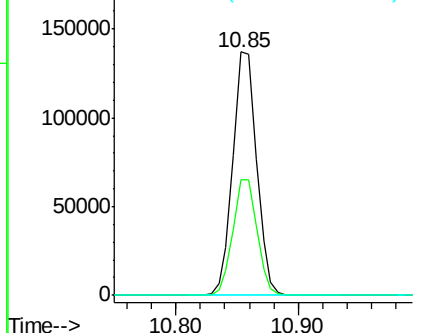
Tot Ion:	173	Resp:	184439
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.2	72.6
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

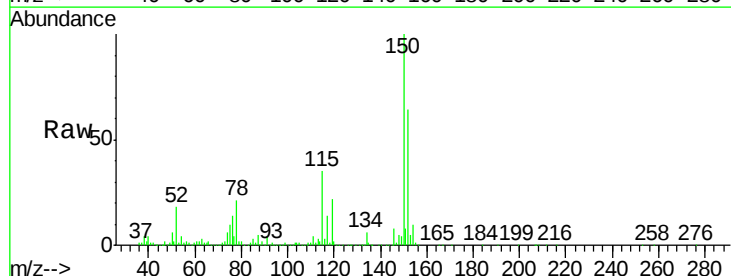
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

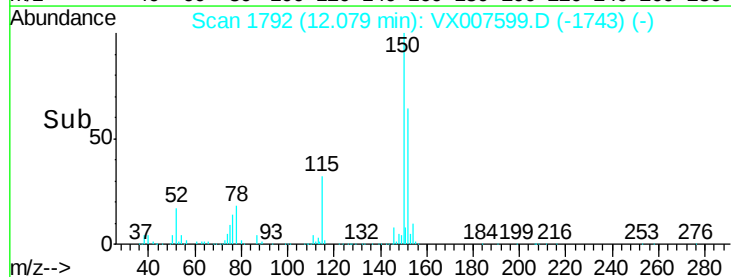
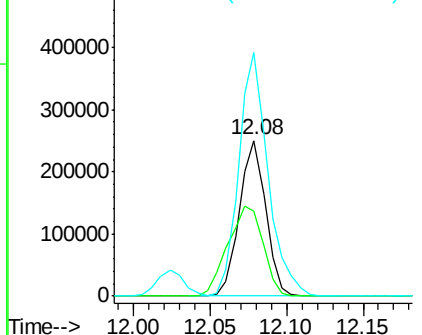
Lab File: VX007599.D

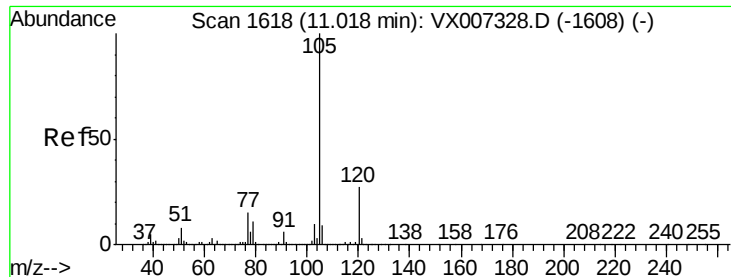
Acq: 18 Feb 2019 19:58

Tgt Ion:	152	Resp:	298353
Ion Ratio	Lower	Upper	
152	100		
115	78.0	38.0	114.0
150	173.7	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: 50.546 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1024810

Ion Ratio Lower Upper

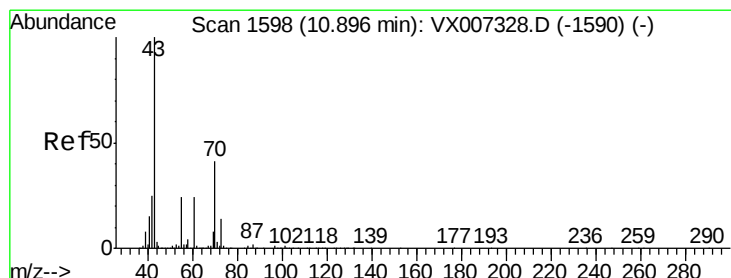
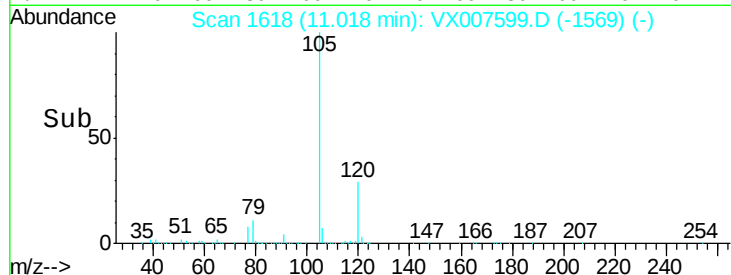
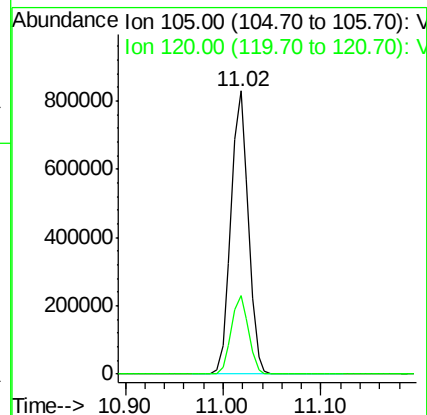
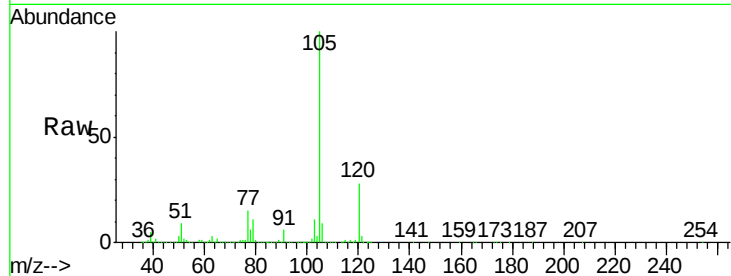
105 100

120 27.6 13.6 40.7

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#74

N-ethyl acetate

Concen: 53.567 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Tgt Ion: 43 Resp: 420076

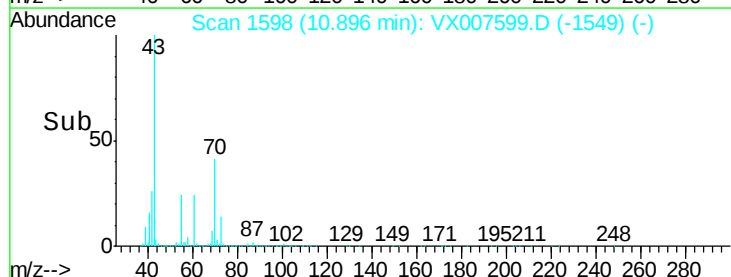
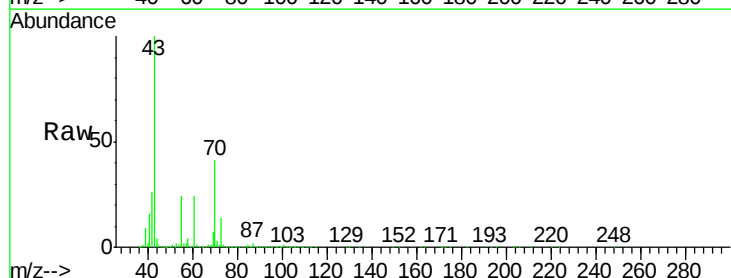
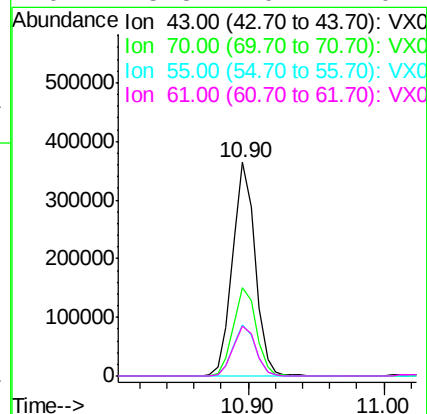
Ion Ratio Lower Upper

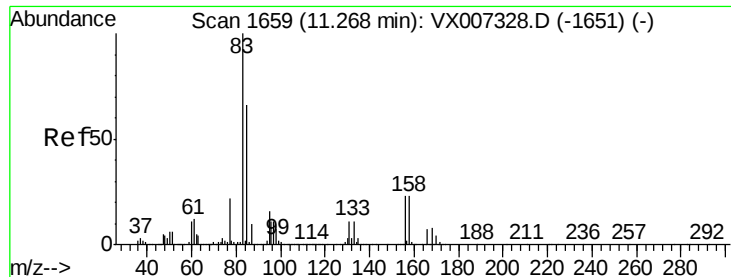
43 100

70 42.2 33.8 50.6

55 24.1 19.5 29.3

61 23.8 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 54.074 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

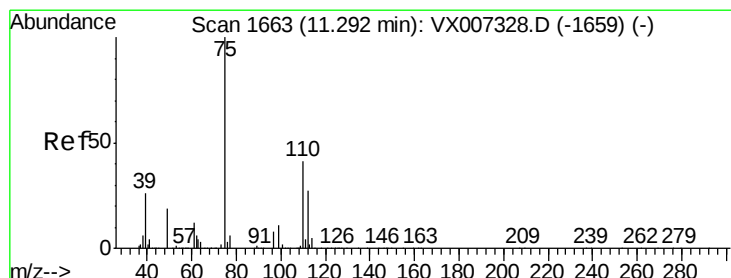
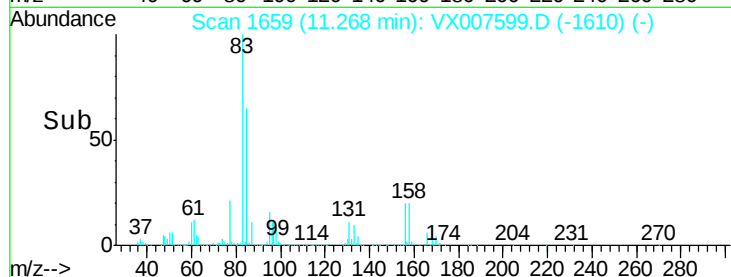
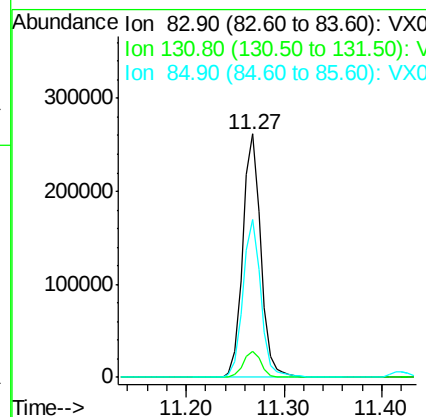
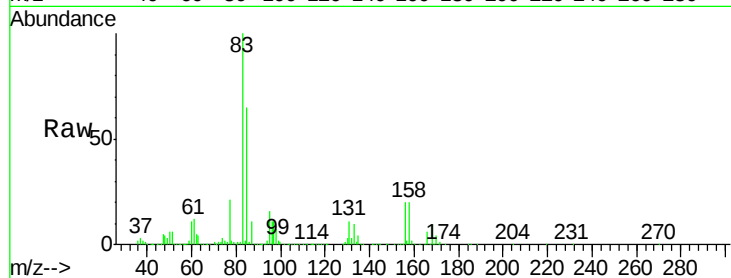
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	334118
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.7	17.0
85	64.6	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.731 ug/l m

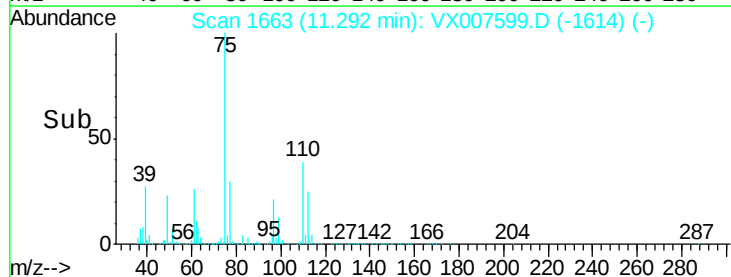
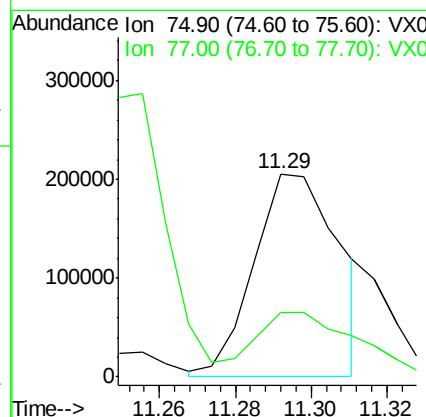
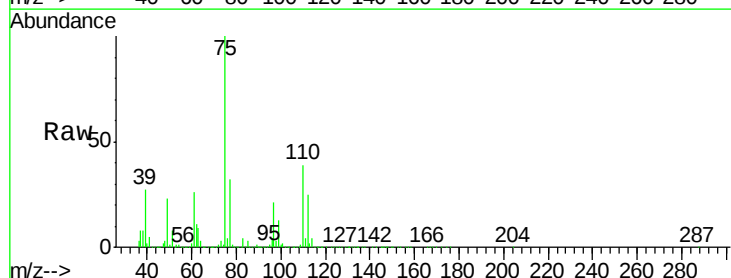
RT: 11.29 min Scan# 1663

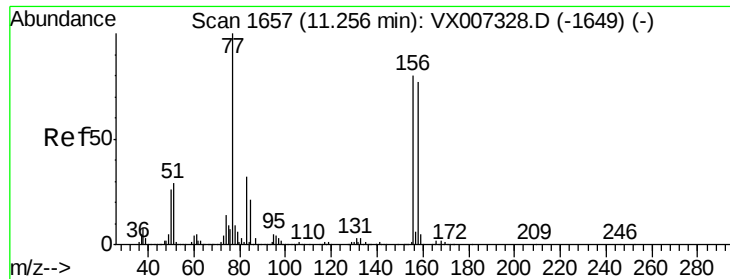
Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Tgt Ion:	75	Resp:	317620
Ion Ratio	Lower	Upper	
75	100		
77	38.6	23.0	69.0





#77

Bromobenzene

Concen: 48.478 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

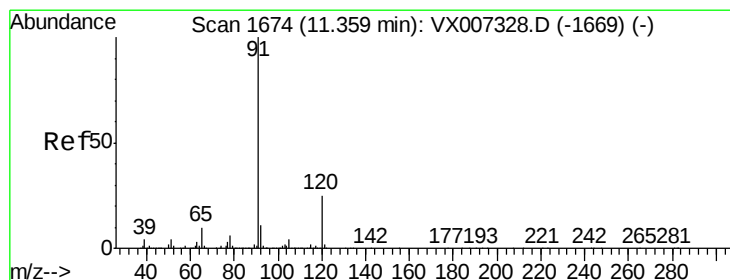
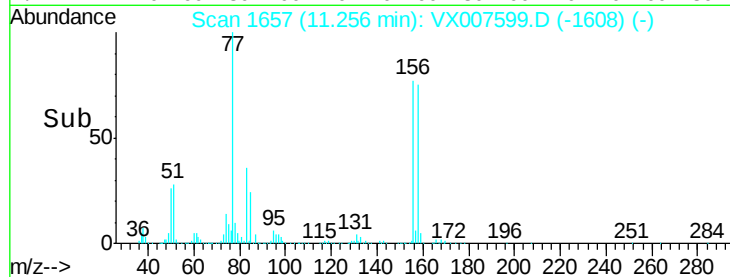
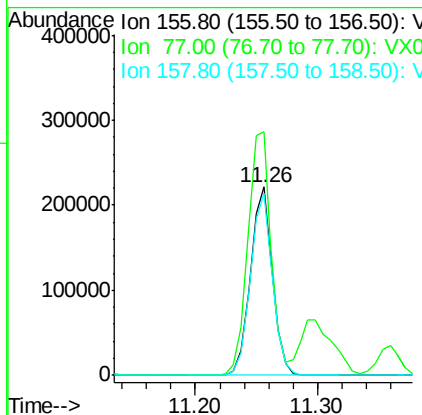
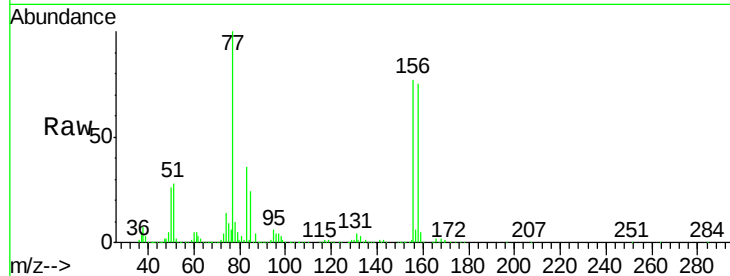
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	276930
Ion Ratio	Lower	Upper	
156	100		
77	136.6	66.8	200.6
158	97.0	47.9	143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 50.974 ug/l

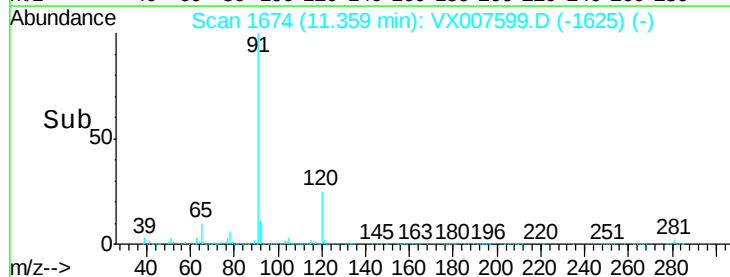
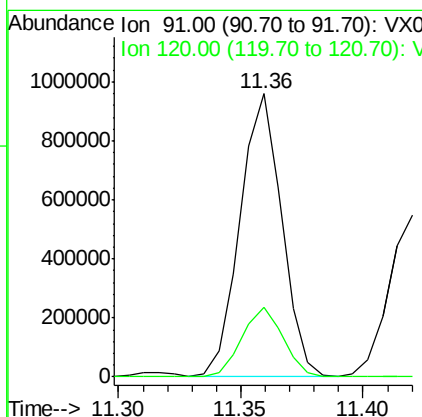
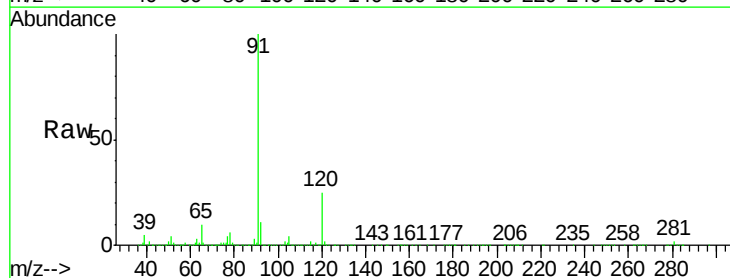
RT: 11.36 min Scan# 1674

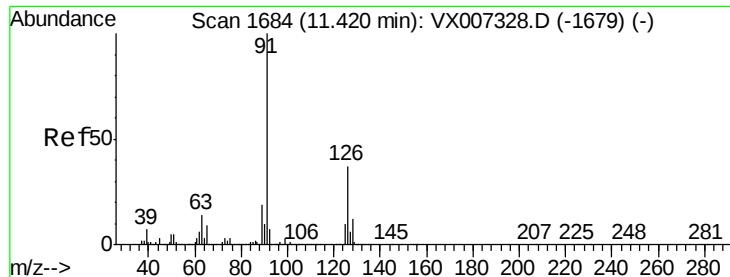
Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Tgt Ion:	91	Resp:	1133271
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.4	37.2





#79

2-Chlorotoluene

Concen: 49.369 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 665994

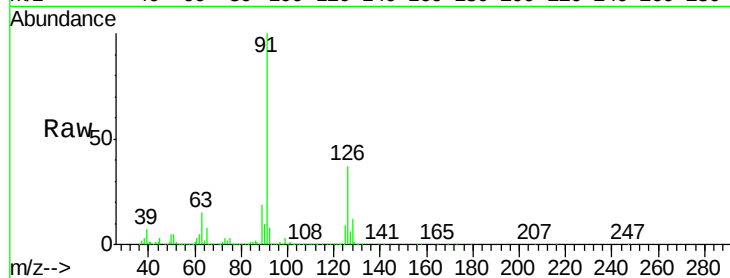
Ion Ratio Lower Upper

91 100

126 37.1 18.7 56.1

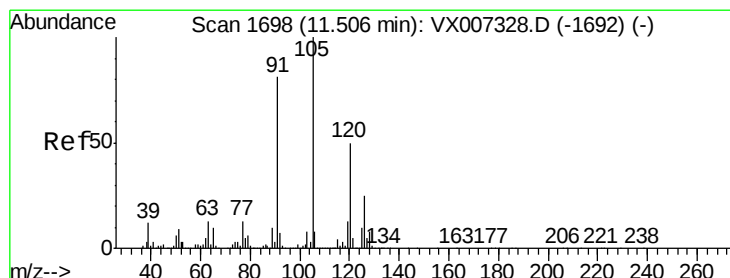
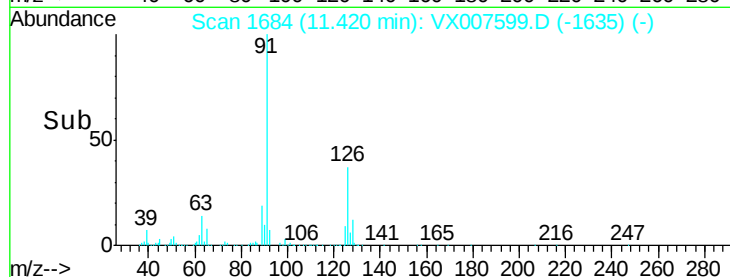
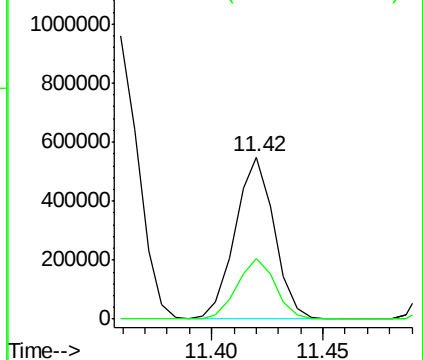
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.872 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007599.D

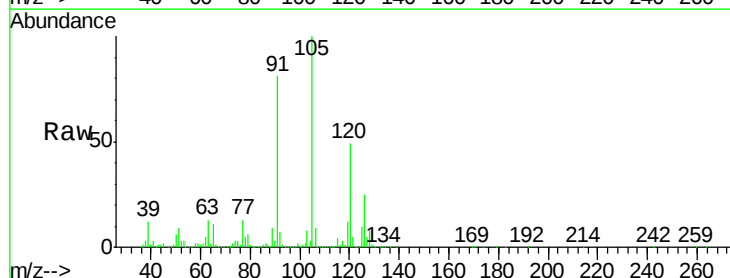
Acq: 18 Feb 2019 19:58

Tgt Ion: 105 Resp: 843817

Ion Ratio Lower Upper

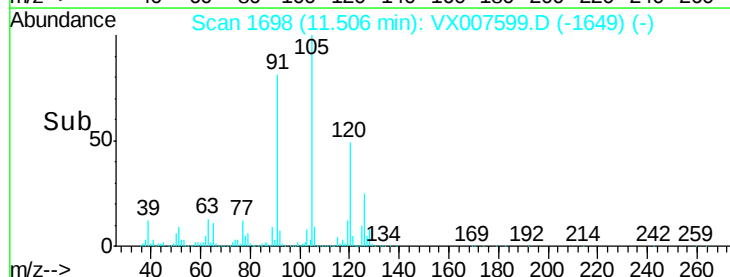
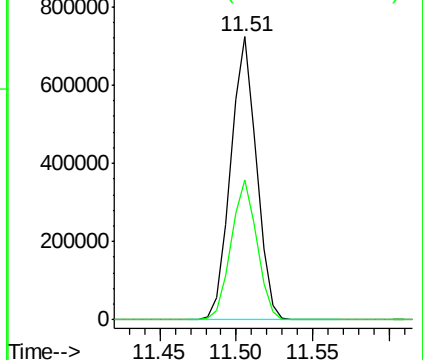
105 100

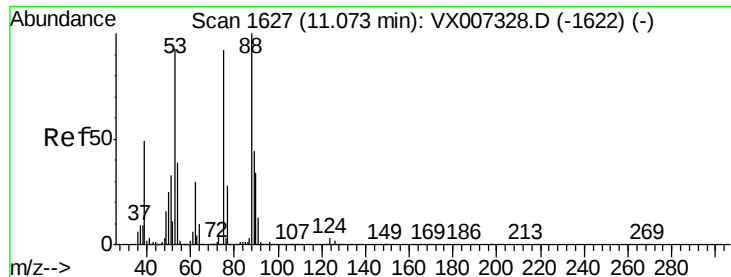
120 49.5 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





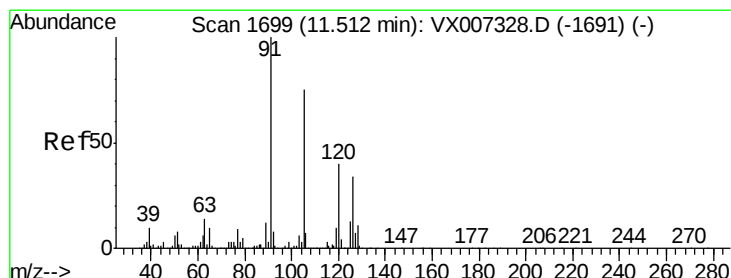
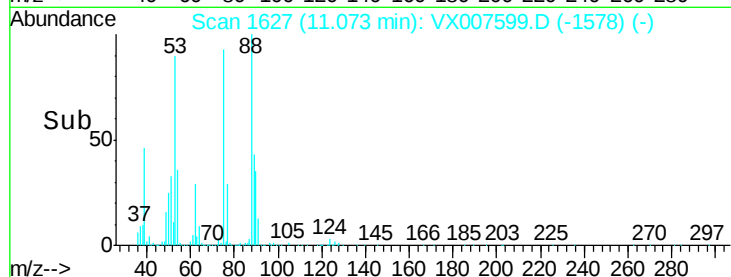
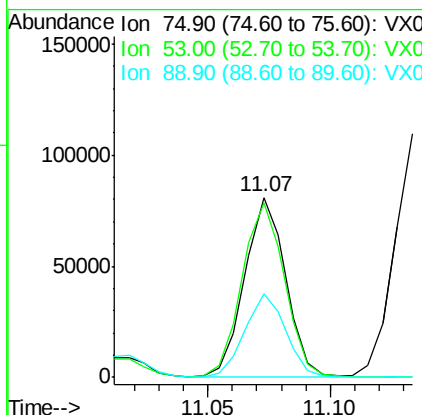
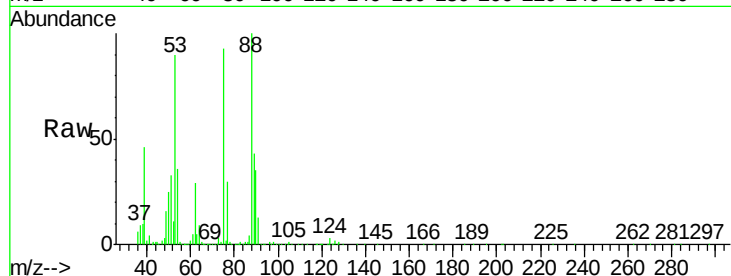
#81
trans-1,4-Dichloro-2-butene
Concen: 50.089 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.0	81.0	121.6
89	46.4	41.4	62.0

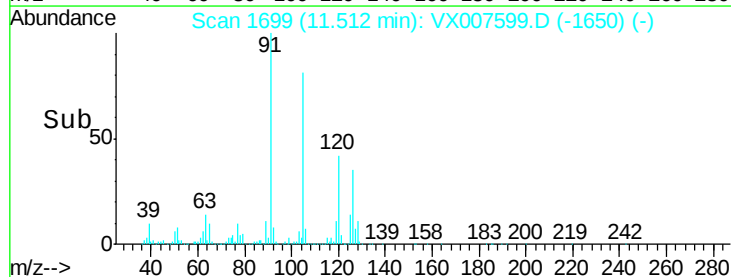
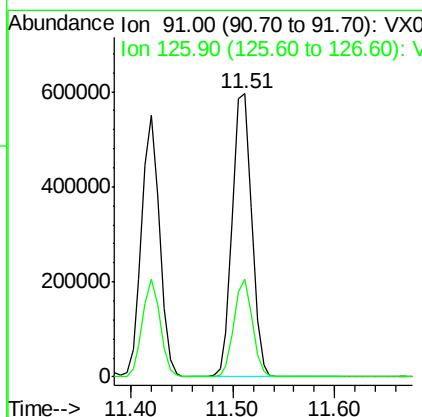
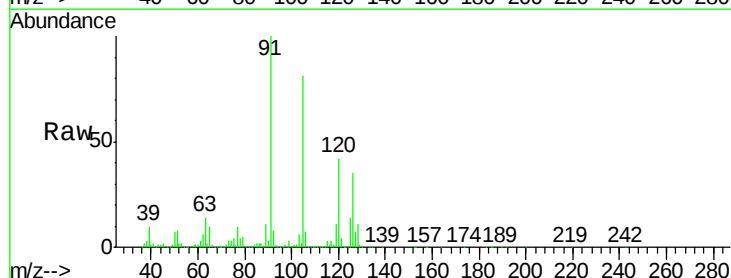
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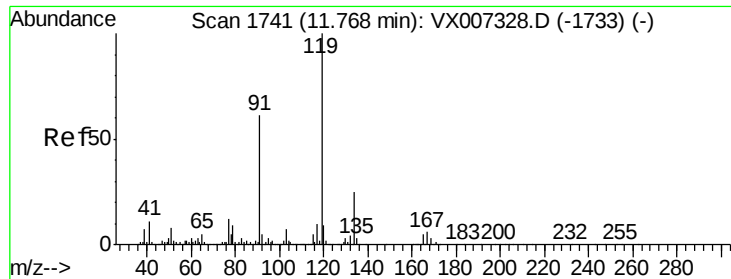
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#82
4-Chlorotoluene
Concen: 49.954 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.2	48.5





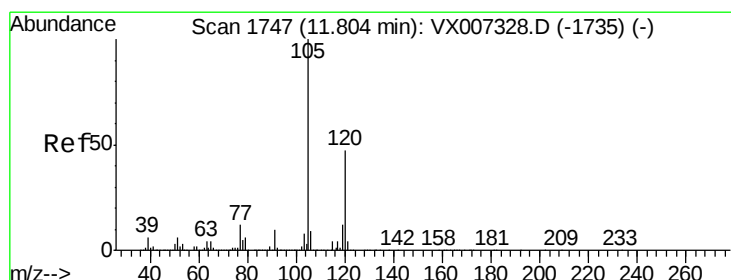
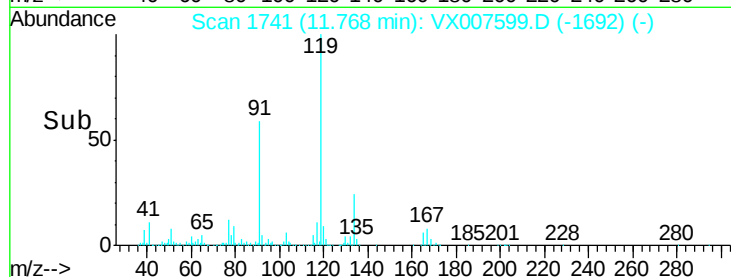
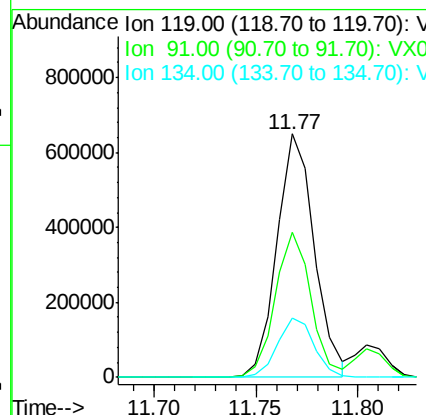
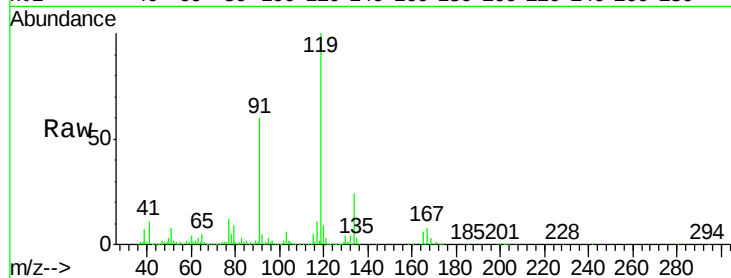
#83
tert-Butylbenzene
Concen: 50.691 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.1	28.5	85.6
134	23.9	12.0	36.0

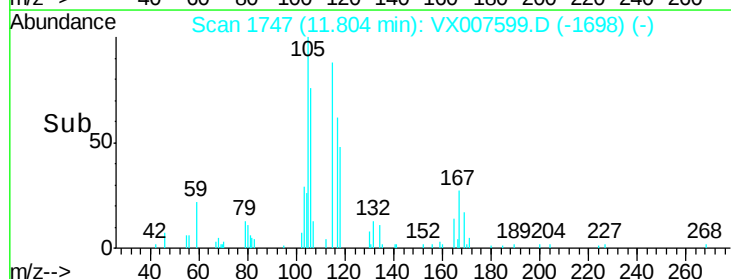
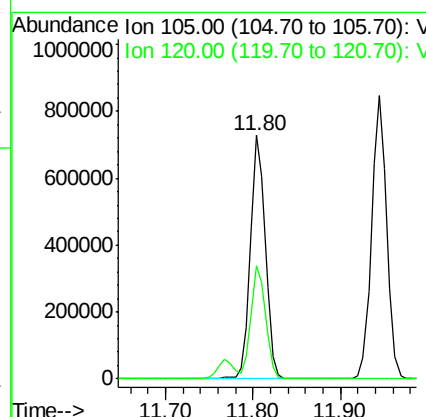
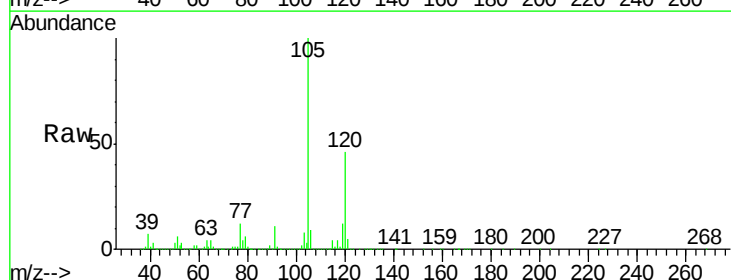
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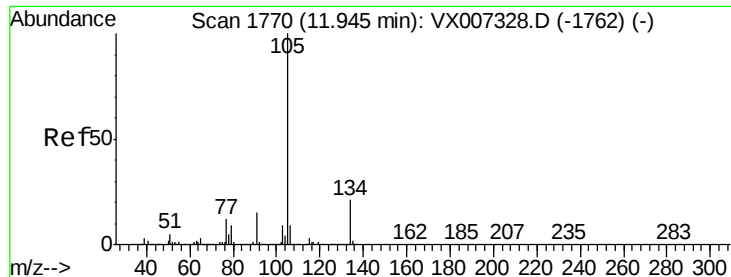
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#84
1,2,4-Trimethylbenzene
Concen: 51.031 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.1	69.3





#85

sec-Butylbenzene

Concen: 51.535 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1024312

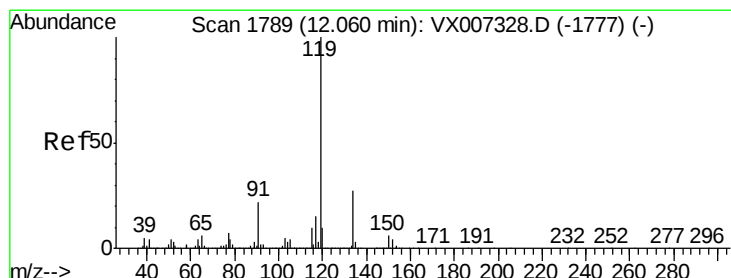
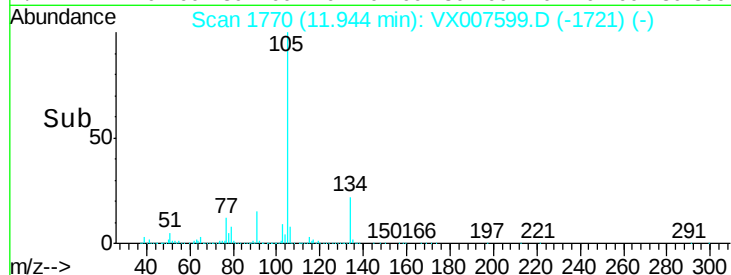
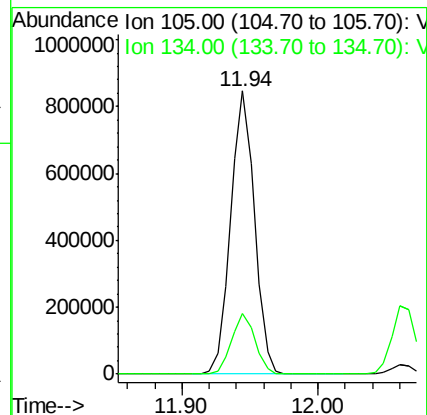
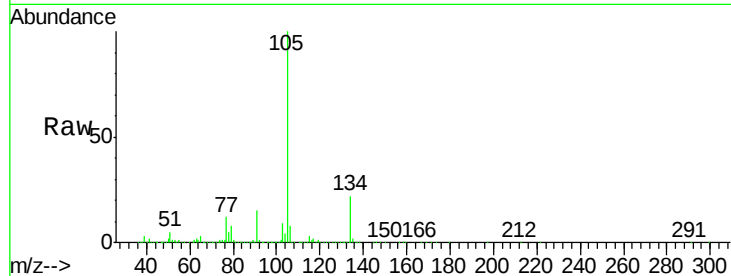
Ion Ratio Lower Upper

105 100

134 21.3 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 50.946 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

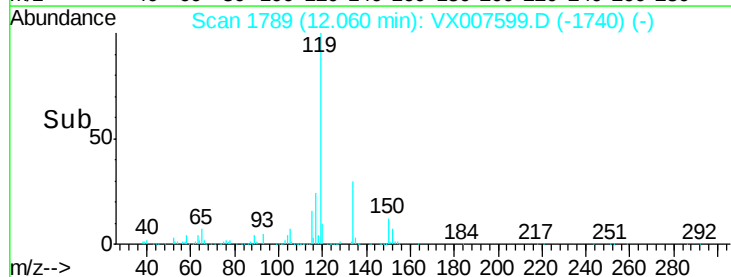
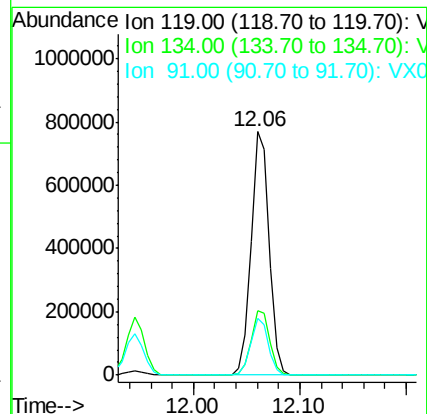
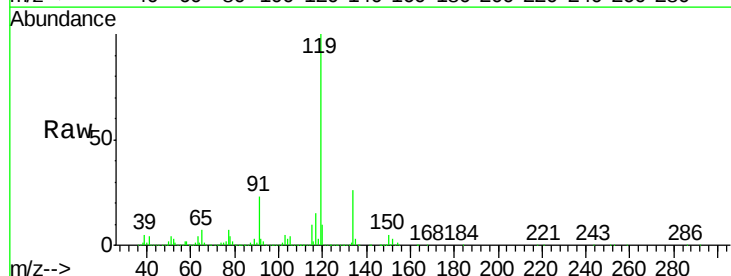
Tgt Ion:119 Resp: 914087

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.1

91 22.6 11.2 33.5





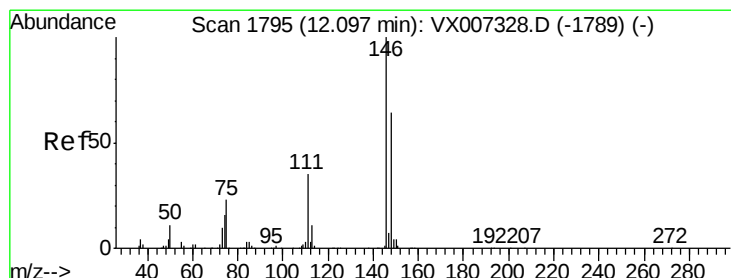
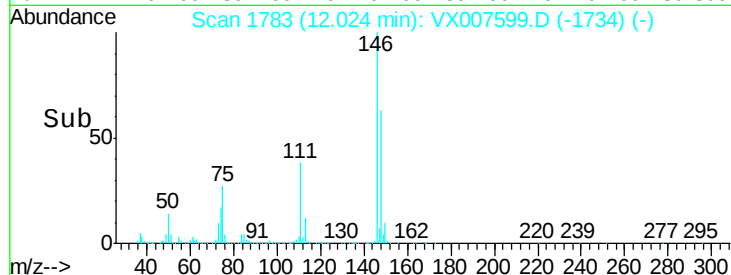
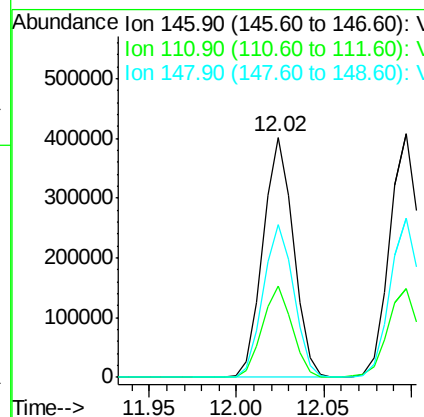
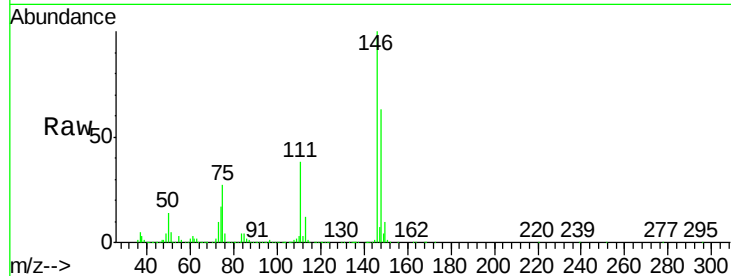
#87
 1,3-Dichlorobenzene
 Concen: 47.570 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.1
148	64.1	32.0	96.2

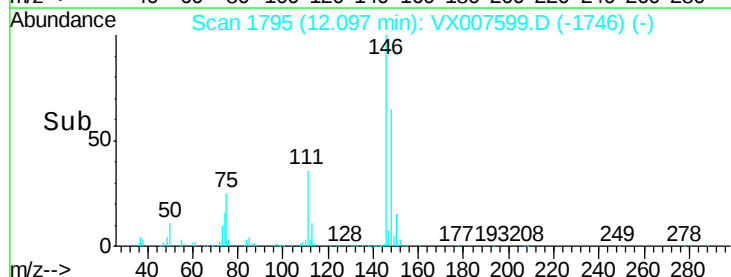
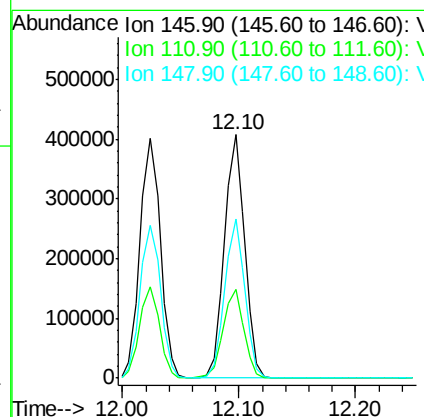
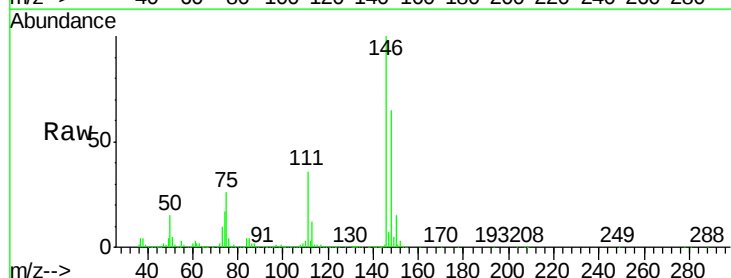
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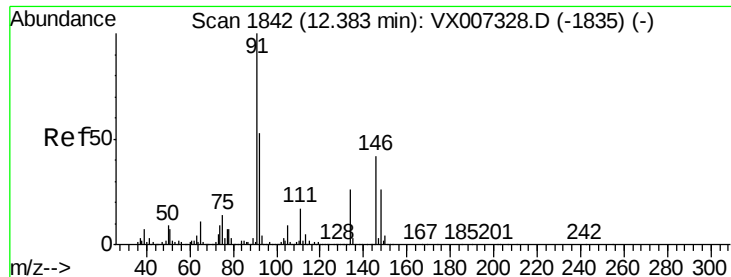
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#88
 1,4-Dichlorobenzene
 Concen: 46.867 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.1
148	64.8	32.3	96.9





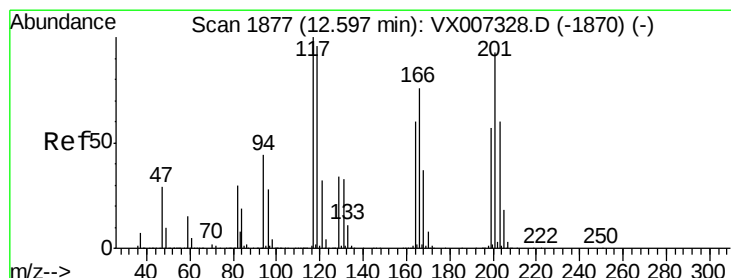
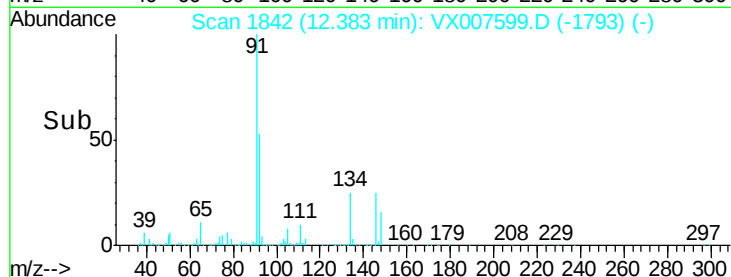
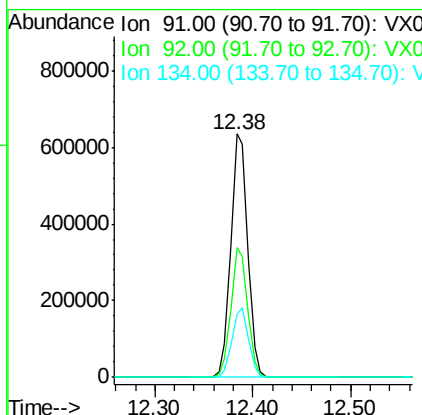
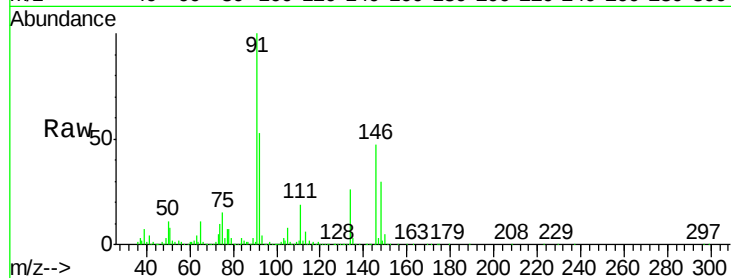
#89
n-Butylbenzene
Concen: 49.280 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.3	78.9
134	27.9	13.9	41.6

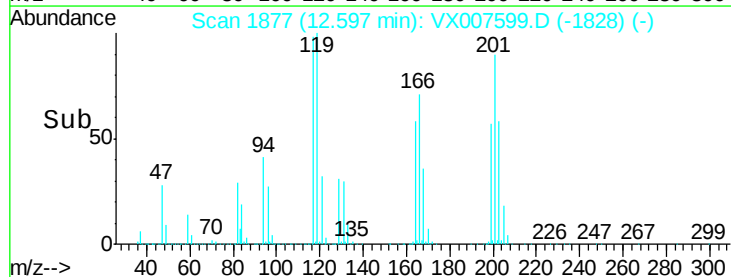
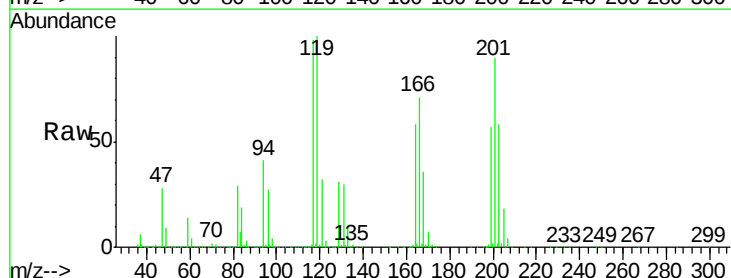
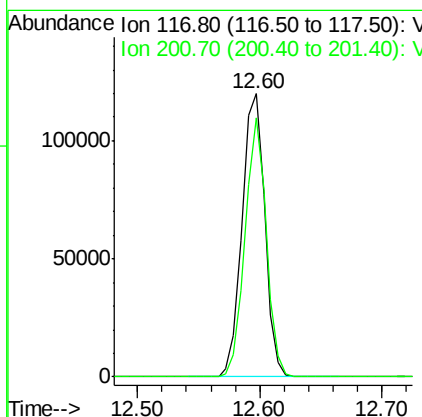
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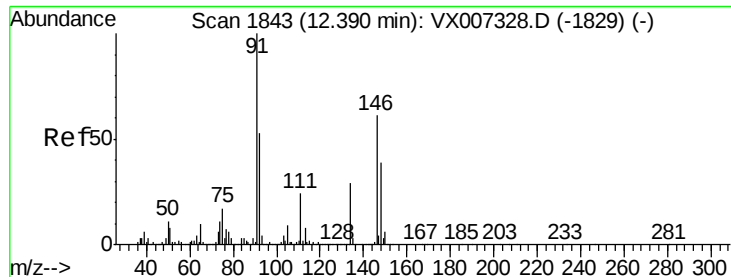
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#90
Hexachloroethane
Concen: 57.295 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.8	44.9	134.7





#91

1,2-Dichlorobenzene

Concen: 48.426 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

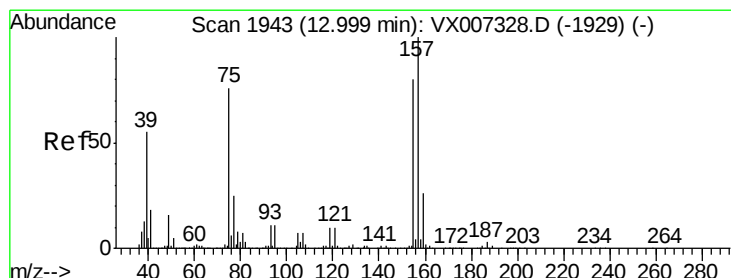
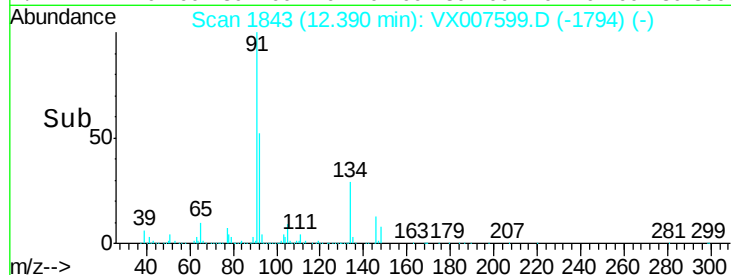
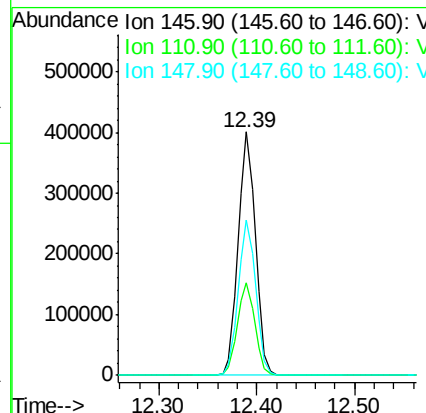
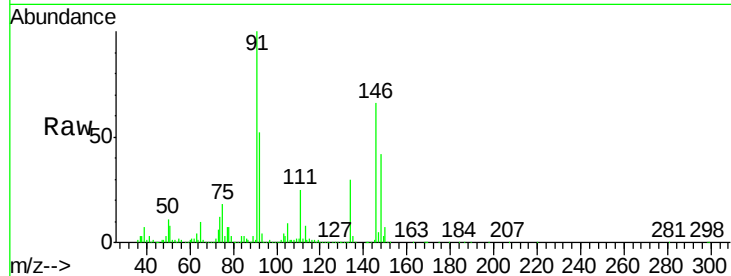
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	494081
Ion Ratio	Lower	Upper	
146	100		
111	38.2	19.1	57.3
148	64.3	32.1	96.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 56.241 ug/l

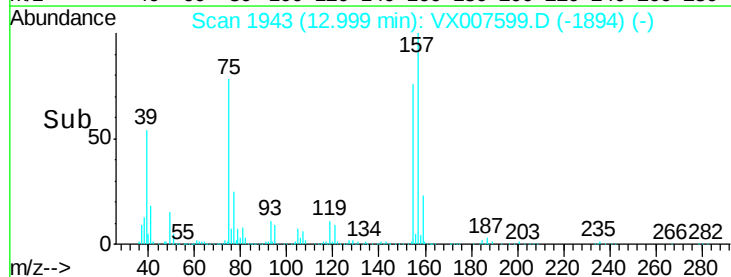
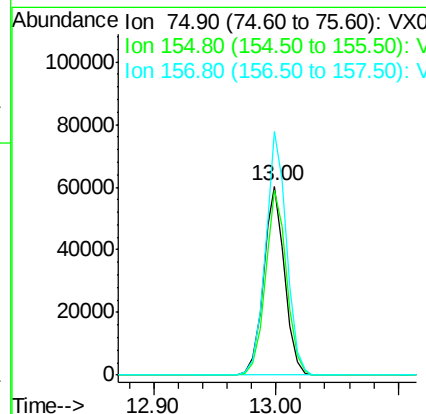
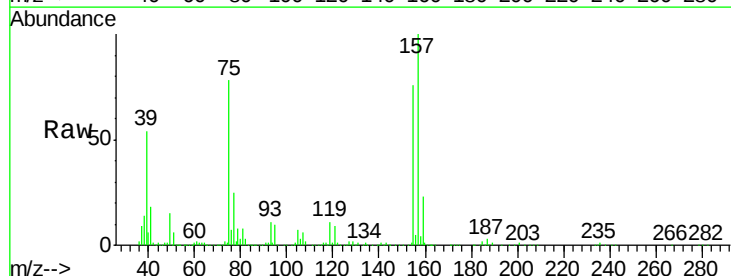
RT: 13.00 min Scan# 1943

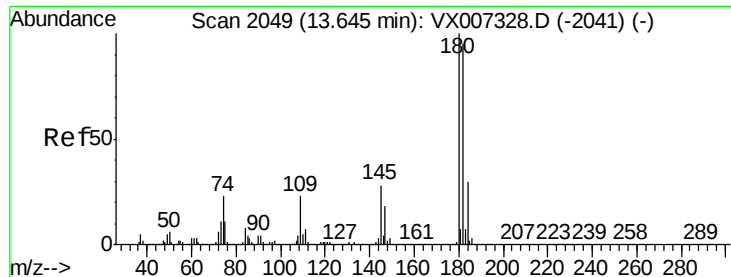
Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Tgt Ion:	75	Resp:	72258
Ion Ratio	Lower	Upper	
75	100		
155	98.2	49.6	149.0
157	128.8	65.1	195.3





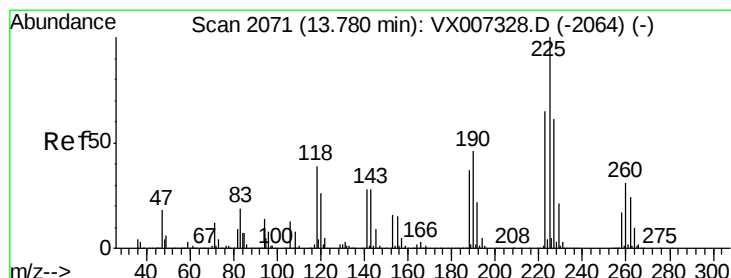
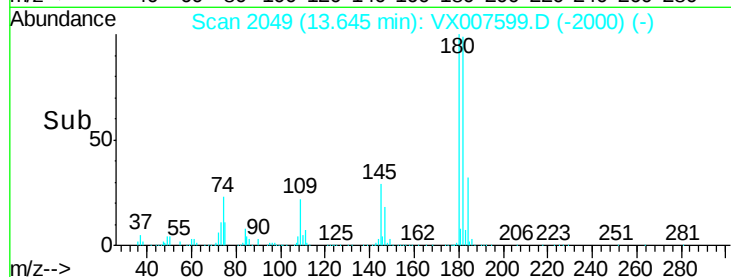
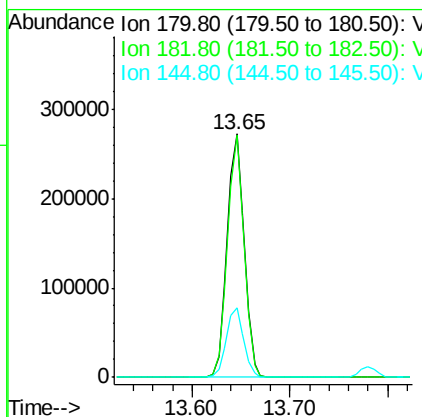
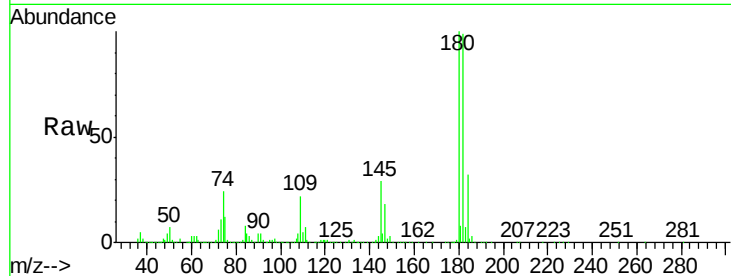
#93
 1,2,4-Trichlorobenzene
 Concen: 48.260 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	332059		
182	96.8	47.8	143.3	
145	29.0	14.1	42.2	

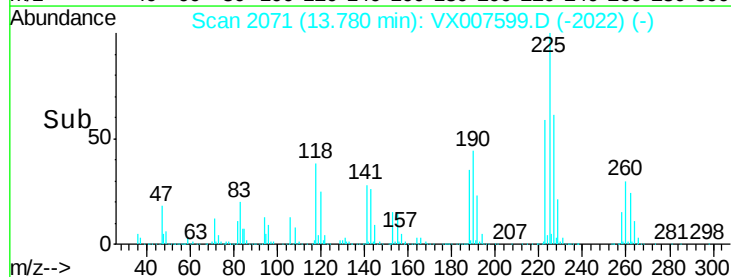
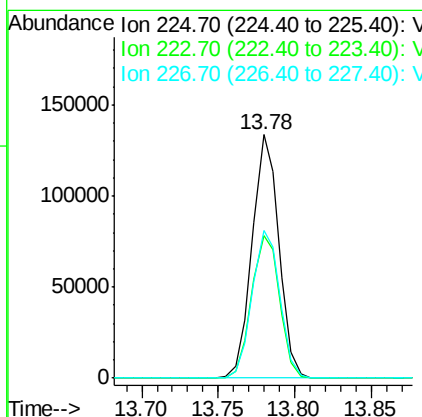
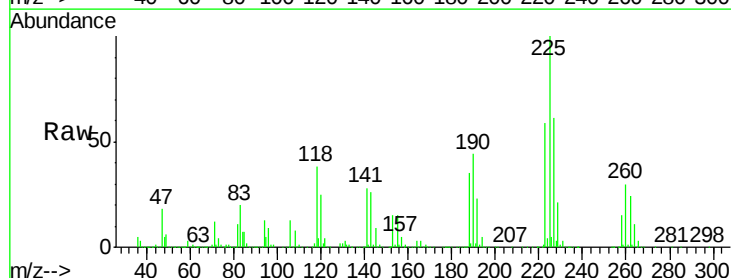
Manual Integrations
 APPROVED

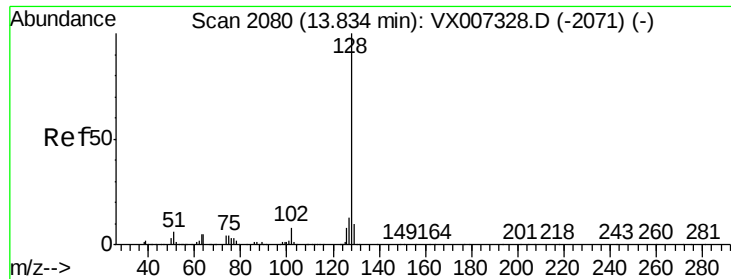
MMDadoda
 2/19/2019 11:01:30 AM



#94
 Hexachlorobutadiene
 Concen: 48.637 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	162498		
223	61.2	31.6	94.8	
227	62.8	32.1	96.3	





#95

Naphthalene

Concen: 52.415 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

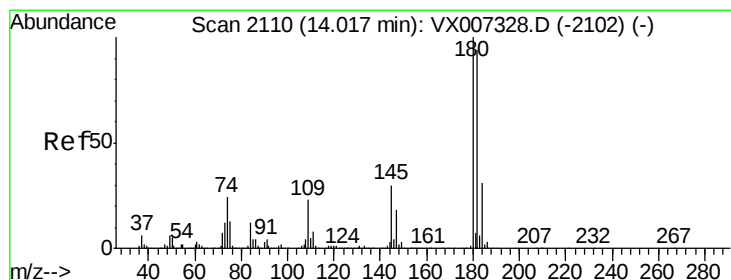
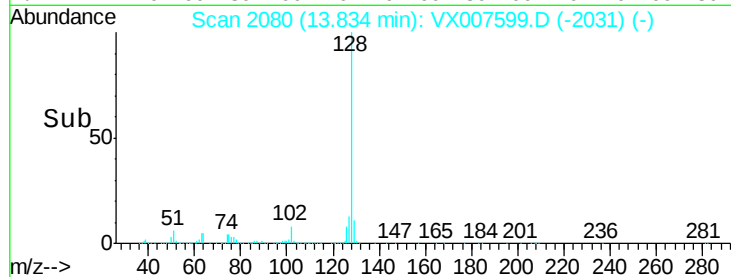
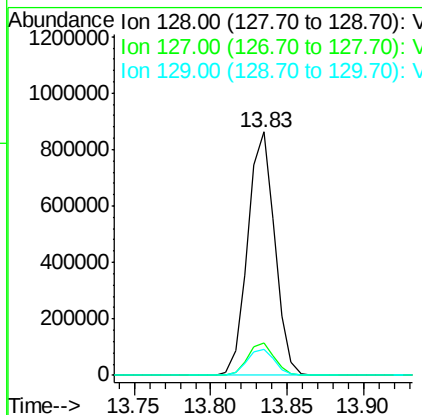
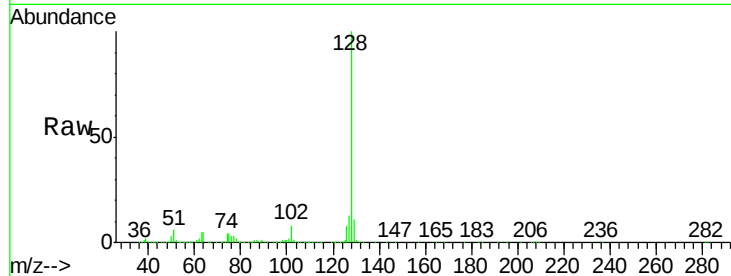
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	1054637
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/19/2019 11:01:30 AM



#96

1,2,3-Trichlorobenzene

Concen: 48.844 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Tgt Ion:	180	Resp:	338292
Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.5	142.6
145	30.6	14.9	44.5

