

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021919\
 Data File : VX007601.D
 Acq On : 19 Feb 2019 09:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/20/2019 10:33:54 AM

Quant Time: Feb 20 06:17:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	428216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	615089	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	567955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	305208	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	217526	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
35) Dibromofluoromethane	5.50	113	202103	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	8.71	98	731273	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.13	95	267317	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	236366	44.937	ug/l	98
3) Chloromethane	1.33	50	207394	42.999	ug/l	98
4) Vinyl Chloride	1.41	62	219866	46.466	ug/l	97
5) Bromomethane	1.64	94	218287	46.623	ug/l	95
6) Chloroethane	1.71	64	142062	46.411	ug/l	98
7) Trichlorofluoromethane	1.93	101	352873	47.672	ug/l	98
8) Diethyl Ether	2.19	74	129883	46.619	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	208427	47.338	ug/l	98
10) Methyl Iodide	2.51	142	278226	42.956	ug/l	100
11) Tert butyl alcohol	3.07	59	221540	235.524	ug/l	100
12) 1,1-Dichloroethene	2.37	96	180974	44.263	ug/l	99
13) Acrolein	2.29	56	118194	267.962	ug/l	99
14) Allyl chloride	2.73	41	304500	45.708	ug/l	98
15) Acrylonitrile	3.15	53	544445	233.977	ug/l	100
16) Acetone	2.45	43	588702	282.755	ug/l	96
17) Carbon Disulfide	2.57	76	419990	39.738	ug/l	98
18) Methyl Acetate	2.78	43	296110	54.531	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	620440	46.840	ug/l	98
20) Methylene Chloride	2.86	84	205314	48.265	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	187287	43.001	ug/l	99
22) Diisopropyl ether	3.87	45	647208	52.816	ug/l	98
23) Vinyl Acetate	3.82	43	2759966	271.418	ug/l	99
24) 1,1-Dichloroethane	3.70	63	364620	51.813	ug/l	98
25) 2-Butanone	4.70	43	847500	286.031	ug/l	99
26) 2,2-Dichloropropane	4.58	77	287678	53.679	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	229258	48.192	ug/l	99
28) Bromochloromethane	5.01	49	168960	52.210	ug/l	98
29) Tetrahydrofuran	5.15	42	497144	266.779	ug/l	99
30) Chloroform	5.21	83	380309	51.790	ug/l	100
31) Cyclohexane	5.57	56	298523	47.232	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	328594	53.012	ug/l	99
36) 1,1-Dichloropropene	5.79	75	267007	48.381	ug/l	99
37) Ethyl Acetate	4.85	43	284205	50.943	ug/l	99
38) Carbon Tetrachloride	5.78	117	290626	54.281	ug/l	99

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MMDadoda
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 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)
39) Methylcyclohexane	7.46	83	332024	49.725	ug/l	98
40) Benzene	6.14	78	820213	50.454	ug/l	99
41) Methacrylonitrile	5.06	41	160196	53.578	ug/l	99
42) 1,2-Dichloroethane	6.20	62	279309	49.657	ug/l	98
43) Isopropyl Acetate	6.46	43	465982	54.114	ug/l	100
44) Trichloroethene	7.21	130	243509	49.734	ug/l	99
45) 1,2-Dichloropropane	7.51	63	212763	52.235	ug/l	96
46) Dibromomethane	7.66	93	149772	50.592	ug/l	98
47) Bromodichloromethane	7.90	83	280363	55.880	ug/l	98
48) Methyl methacrylate	7.77	41	243103	56.441	ug/l	98
49) 1,4-Dioxane	7.75	88	105647	1078.000	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1548435	273.156	ug/l	100
52) Toluene	8.78	92	532768	50.794	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	303174	56.255	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	331360	55.911	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	229400	52.469	ug/l	95
56) Ethyl methacrylate	9.18	69	326010	53.837	ug/l	99
57) 1,3-Dichloropropane	9.37	76	361876	52.046	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	876607	274.650	ug/l	99
59) 2-Hexanone	9.49	43	1232513	279.407	ug/l	99
60) Dibromochloromethane	9.58	129	244184	59.053	ug/l	97
61) 1,2-Dibromoethane	9.67	107	243637	52.620	ug/l	100
64) Tetrachloroethene	9.33	164	250889	46.868	ug/l	97
65) Chlorobenzene	10.14	112	621111	50.114	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	232153	55.869	ug/l	99
67) Ethyl Benzene	10.25	91	1031198	51.666	ug/l	98
68) m/p-Xylenes	10.36	106	812339	102.388	ug/l	100
69) o-Xylene	10.69	106	390915	51.205	ug/l	98
70) Styrene	10.71	104	652654	52.713	ug/l	99
71) Bromoform	10.85	173	184767	50.641	ug/l	99
73) Isopropylbenzene	11.02	105	1071462	51.660	ug/l	99
74) N-amyl acetate	10.90	43	413942	51.600	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	325897	51.559	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	271410m	45.718	ug/l	
77) Bromobenzene	11.26	156	286205	48.976	ug/l	99
78) n-propylbenzene	11.36	91	1219326	53.613	ug/l	99
79) 2-Chlorotoluene	11.42	91	698276	50.599	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	879044	51.805	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	98582	51.214	ug/l	99
82) 4-Chlorotoluene	11.51	91	822051	51.480	ug/l	99
83) tert-Butylbenzene	11.77	119	873225	51.979	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	900965	52.300	ug/l	100
85) sec-Butylbenzene	11.94	105	1088645	53.541	ug/l	100
86) p-Isopropyltoluene	12.06	119	976856	53.222	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	515117	49.117	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	517692	48.655	ug/l	100
89) n-Butylbenzene	12.39	91	855000	54.151	ug/l	99
90) Hexachloroethane	12.60	117	162310	59.087	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	513309	49.181	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	70236	53.440	ug/l	97

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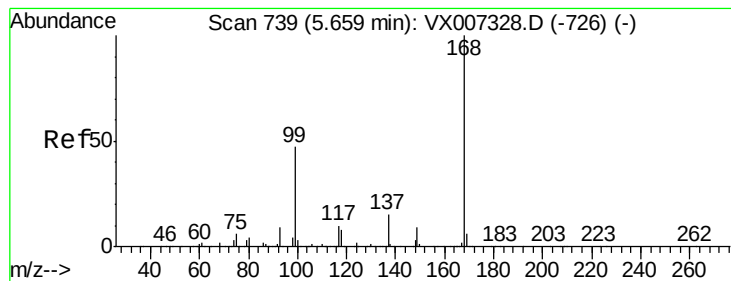
Manual Integrations
APPROVED

MMDadoda
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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)
93) 1,2,4-Trichlorobenzene	13.65	180	361056	51.296	ug/l	99
94) Hexachlorobutadiene	13.78	225	176823	51.736	ug/l	99
95) Naphthalene	13.83	128	1080514	52.495	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	360602	50.896	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 428216

Ion Ratio Lower Upper

168 100

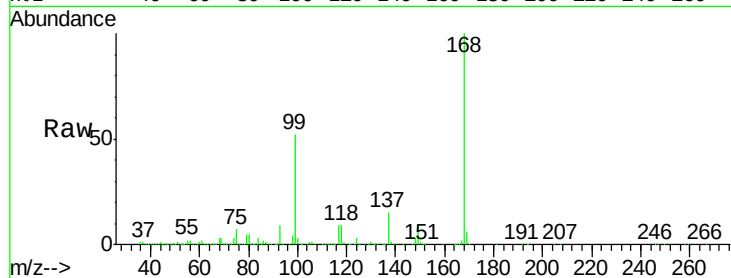
99 51.8 37.9 56.9

Manual Integrations

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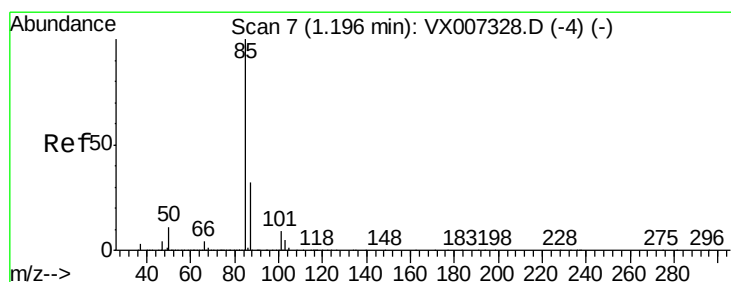
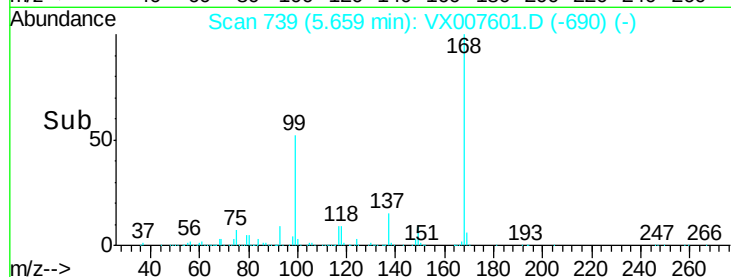
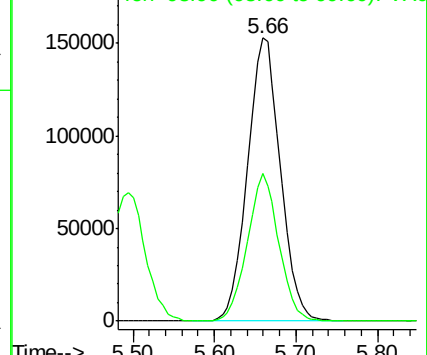
MMDadoda

2/20/2019 10:33:54 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.937 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007601.D

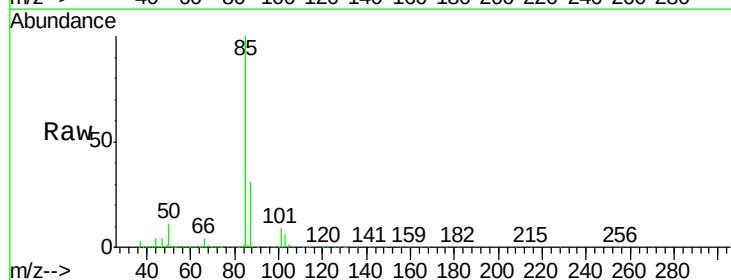
Acq: 19 Feb 2019 09:36

Tgt Ion: 85 Resp: 236366

Ion Ratio Lower Upper

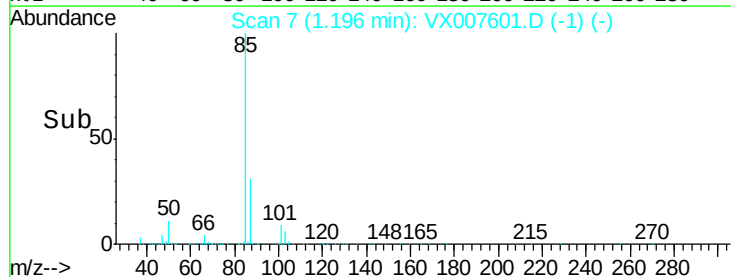
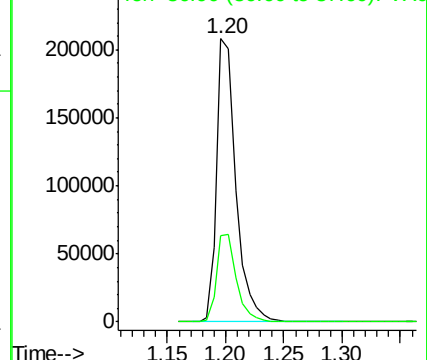
85 100

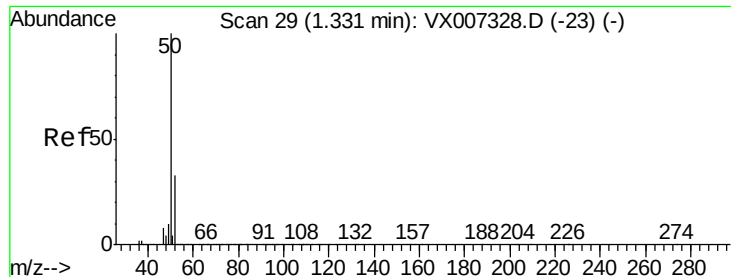
87 30.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.999 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 207394

Ion Ratio Lower Upper

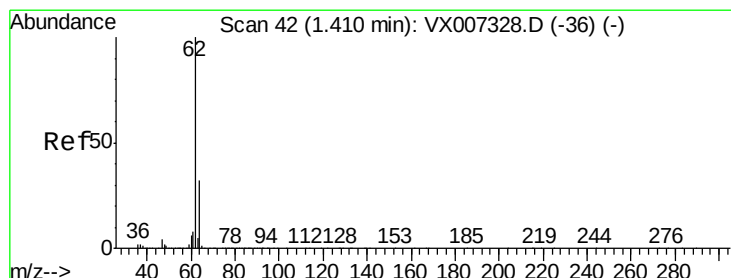
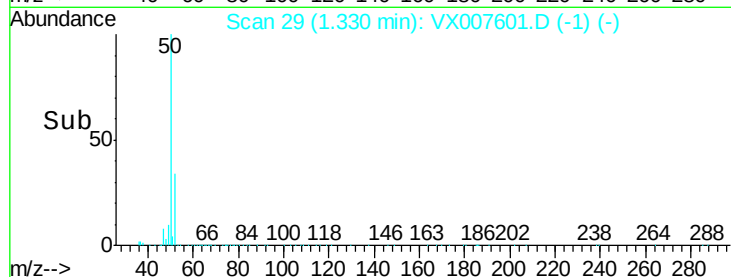
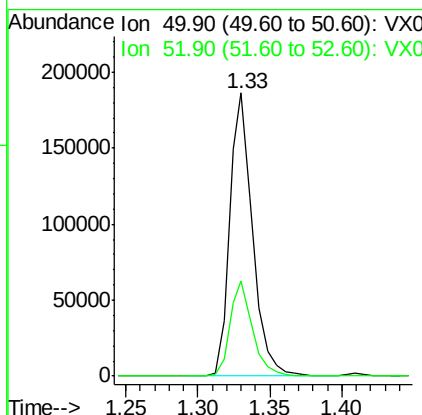
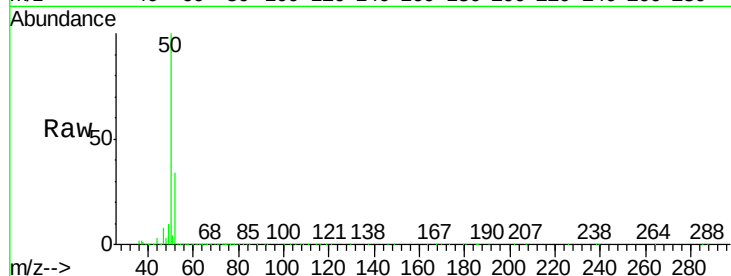
50 100

52 33.8 26.1 39.1

Manual Integrations
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2/20/2019 10:33:54 AM



#4

Vinyl Chloride

Concen: 46.466 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007601.D

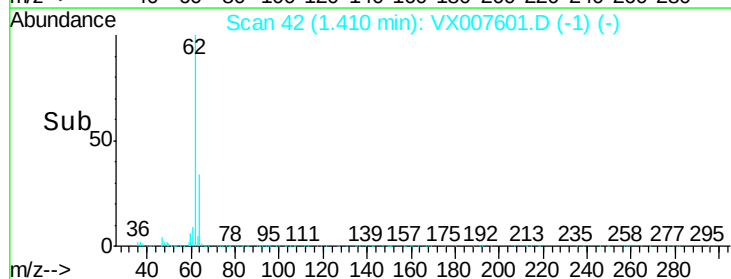
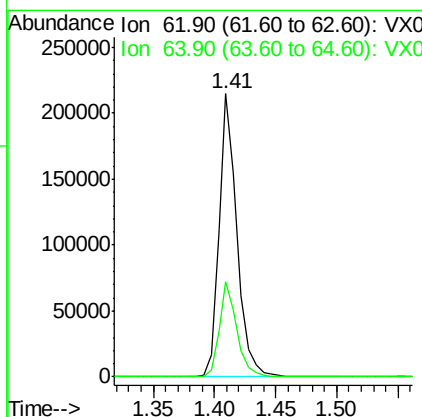
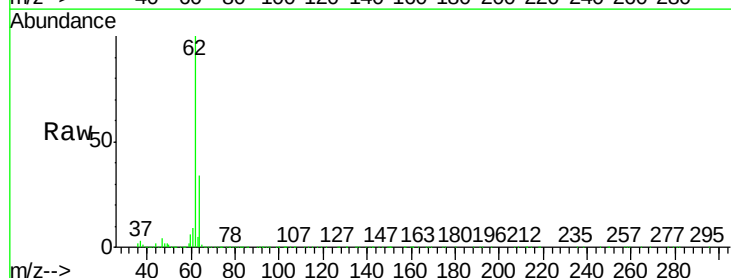
Acq: 19 Feb 2019 09:36

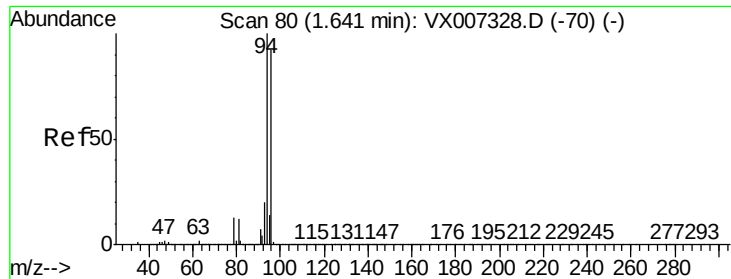
Tgt Ion: 62 Resp: 219866

Ion Ratio Lower Upper

62 100

64 33.6 25.4 38.0





#5

Bromomethane

Concen: 46.623 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 218287

Ion Ratio Lower Upper

94 100

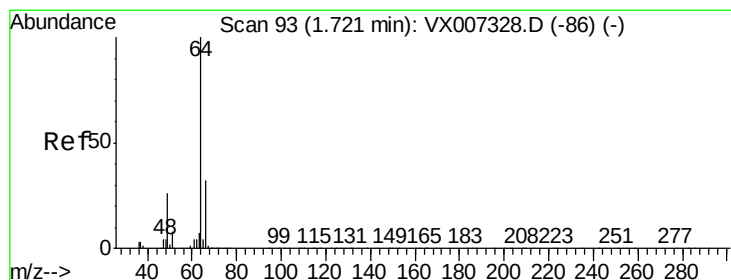
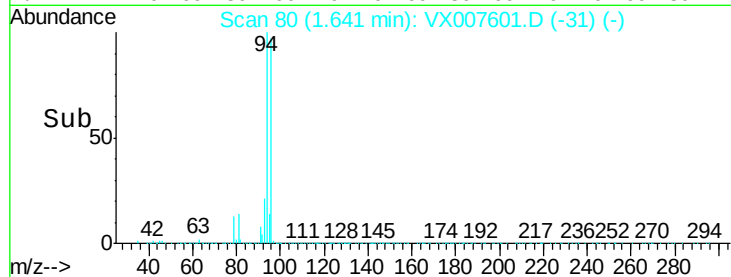
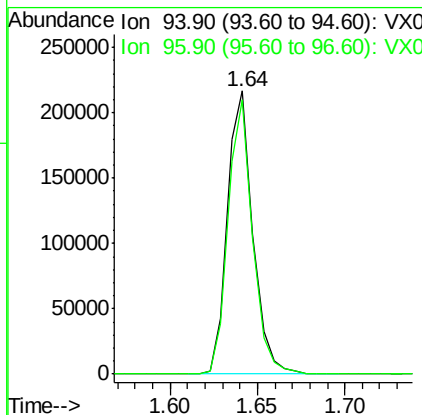
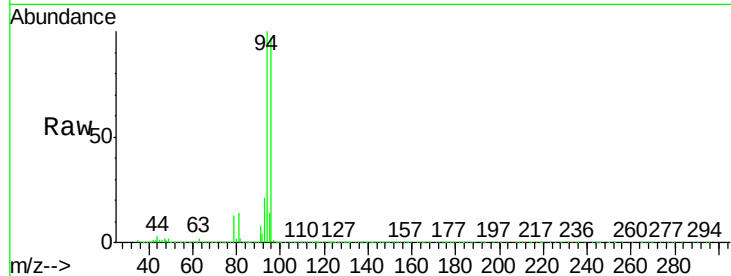
96 96.8 73.9 110.9

Manual Integrations

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2/20/2019 10:33:54 AM



#6

Chloroethane

Concen: 46.411 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007601.D

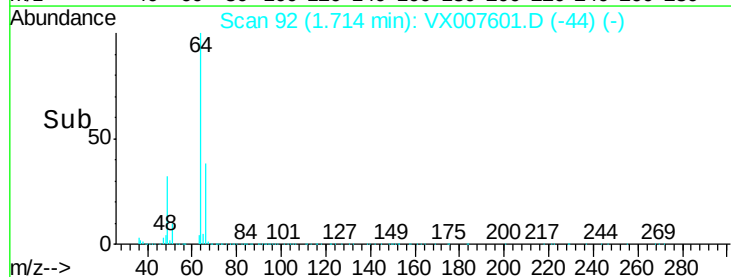
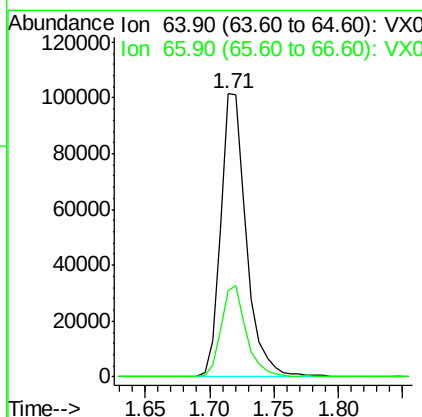
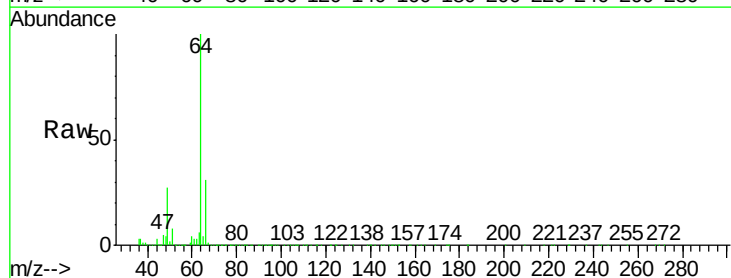
Acq: 19 Feb 2019 09:36

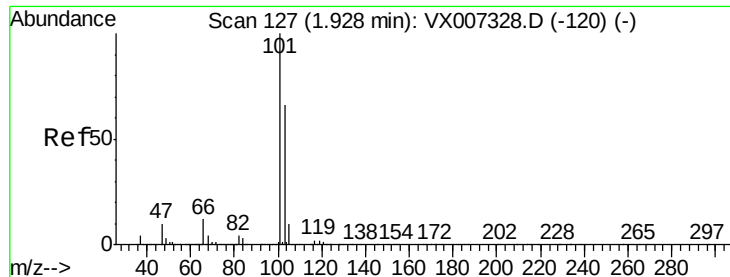
Tgt Ion: 64 Resp: 142062

Ion Ratio Lower Upper

64 100

66 30.7 25.5 38.3





#7

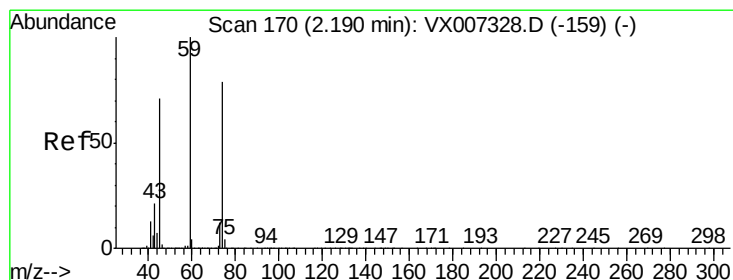
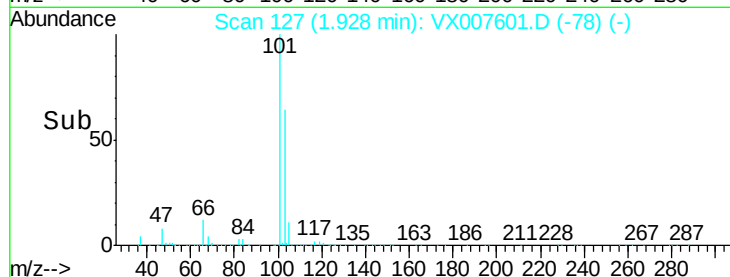
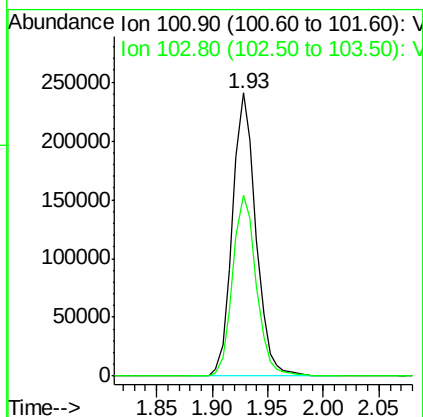
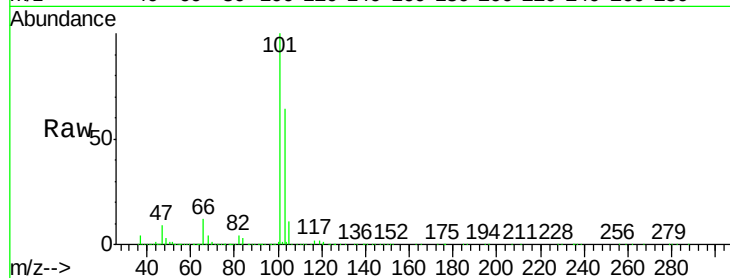
Trichlorofluoromethane
Concen: 47.672 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	52.6	79.0

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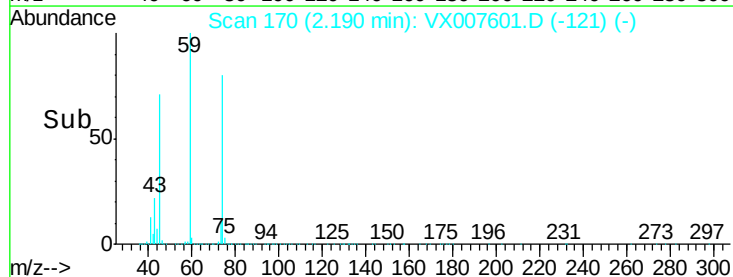
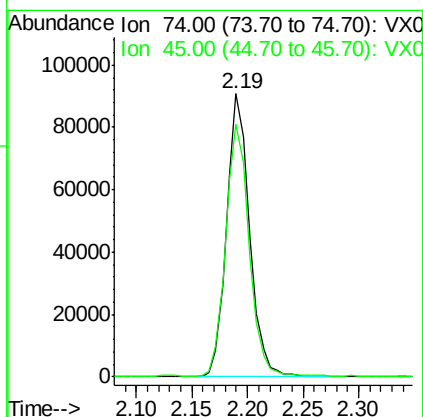
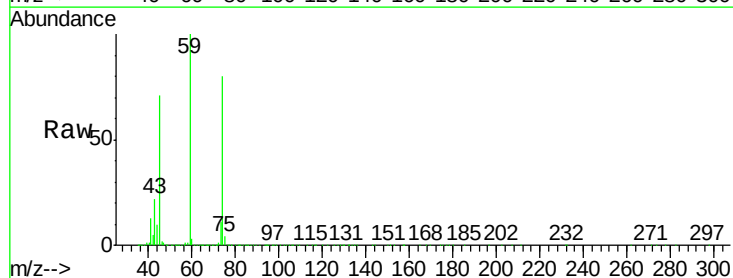
MMDadoda
2/20/2019 10:33:54 AM

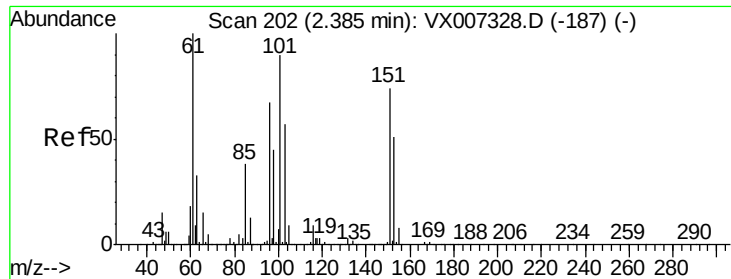


#8

Diethyl Ether
Concen: 46.619 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.3	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.338 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

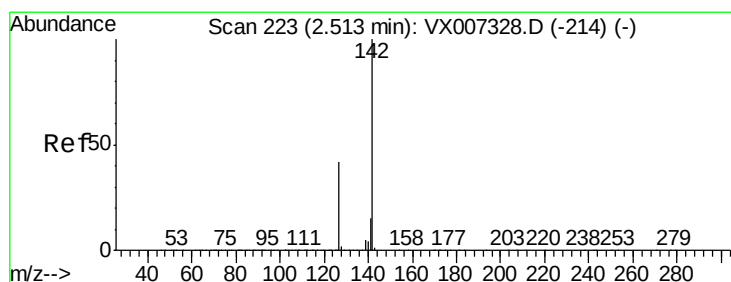
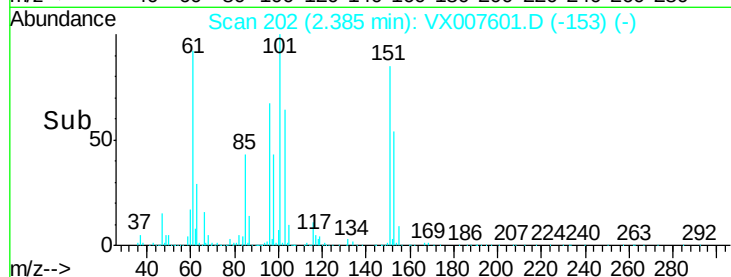
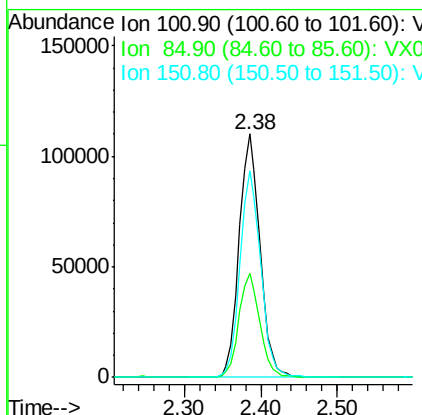
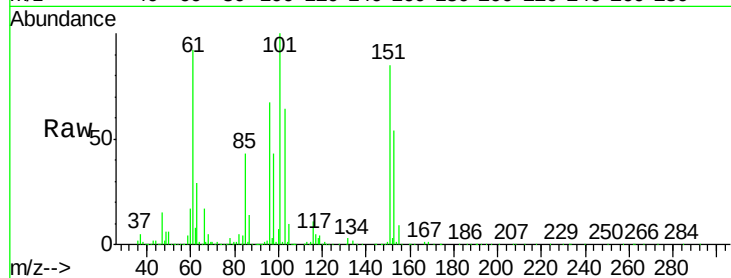
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	208427
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.1	51.1
151	84.3	69.9	104.9

Manual Integrations
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2/20/2019 10:33:54 AM



#10

Methyl Iodide

Concen: 42.956 ug/l

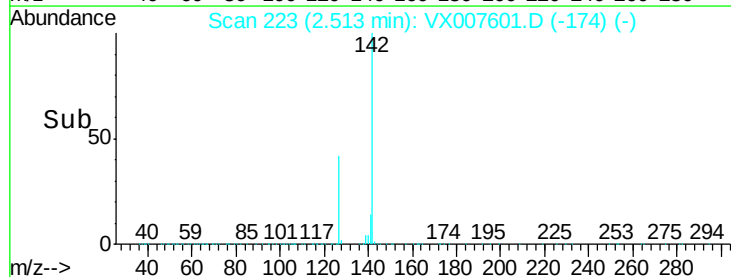
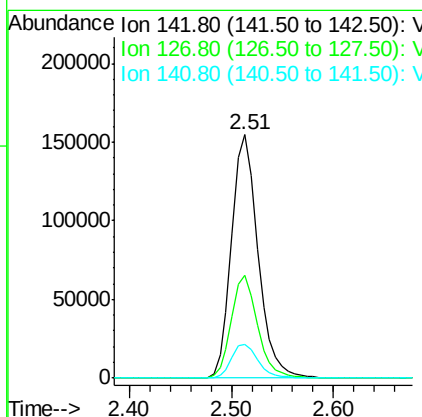
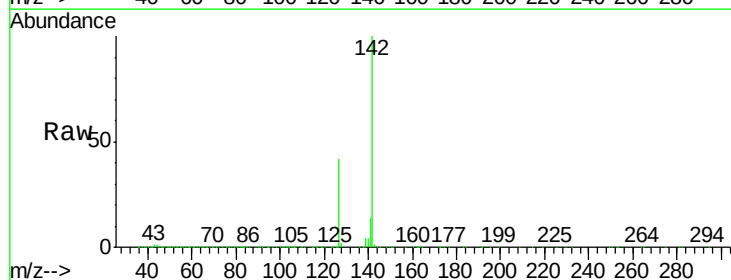
RT: 2.51 min Scan# 223

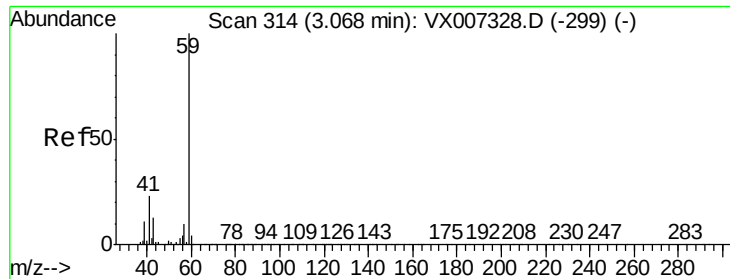
Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Tgt Ion:	142	Resp:	278226
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.7	50.5
141	14.1	11.3	16.9





#11

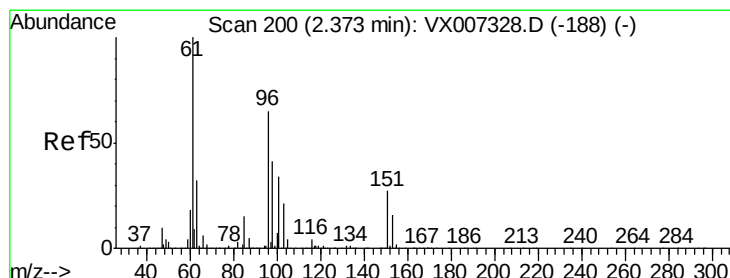
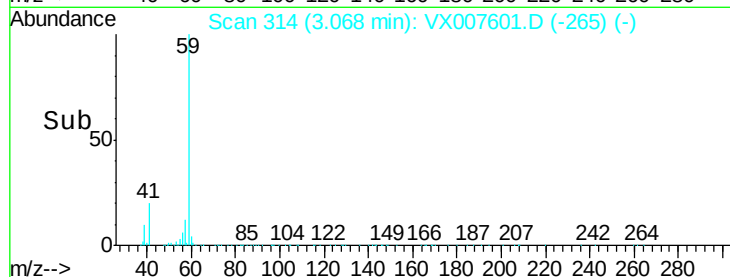
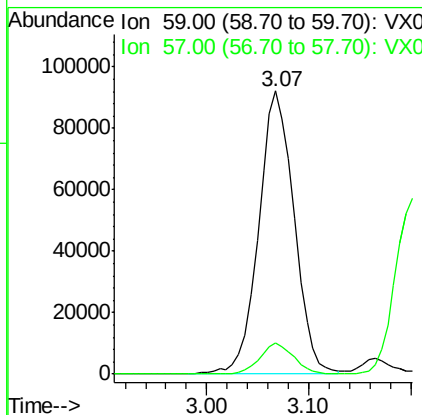
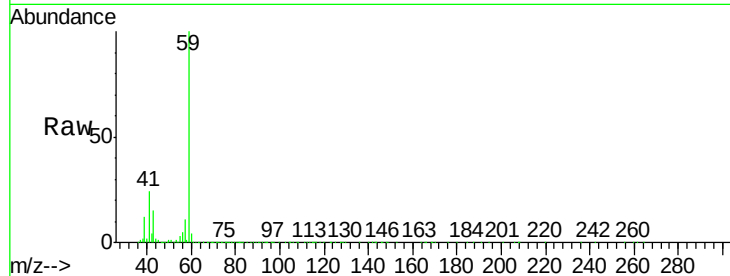
Tert butyl alcohol
Concen: 235.524 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.1	12.1

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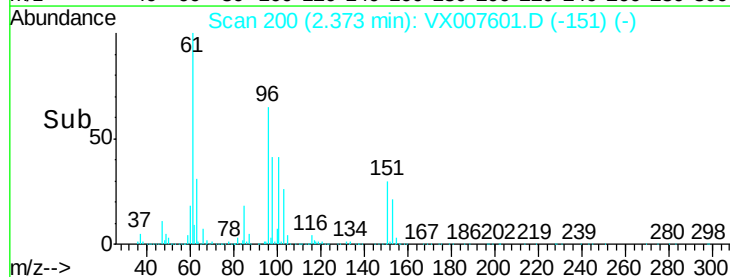
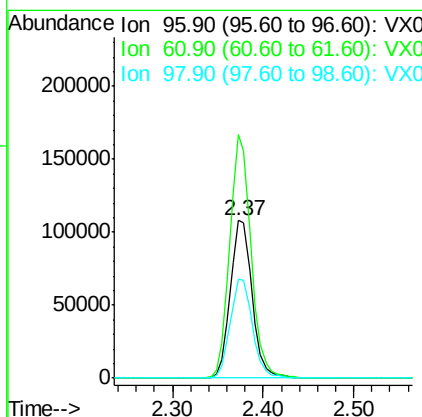
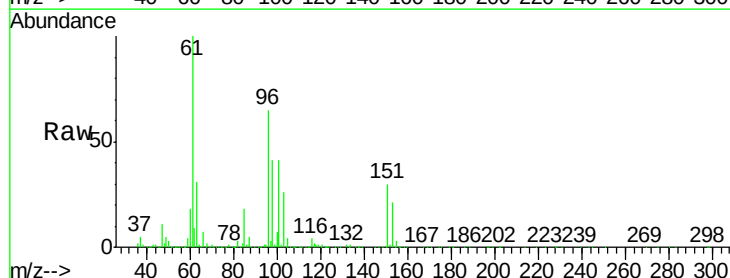
MMDadoda
2/20/2019 10:33:54 AM

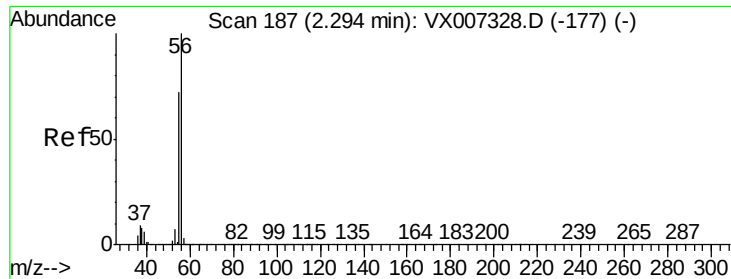


#12

1,1-Dichloroethene
Concen: 44.263 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.4	123.0	184.4
98	62.6	50.9	76.3





#13

Acrolein

Concen: 267.962 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 118194

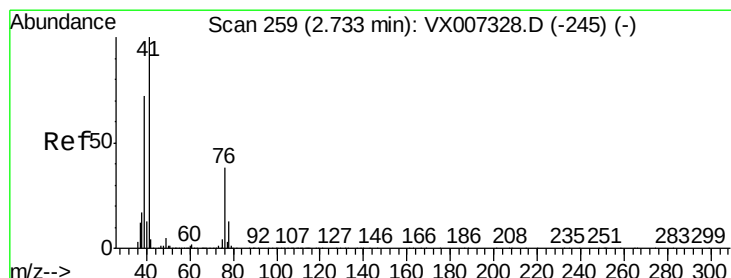
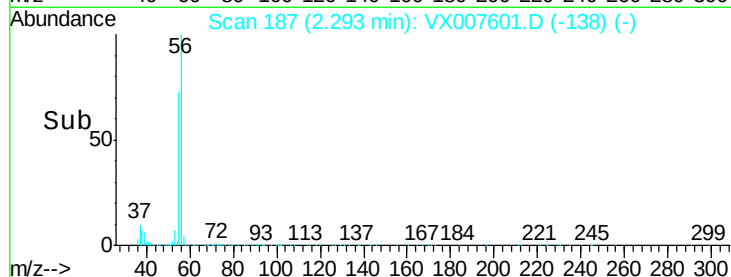
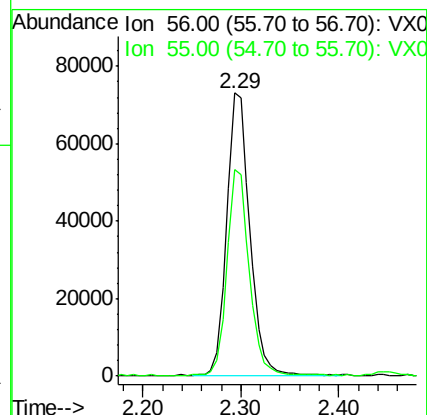
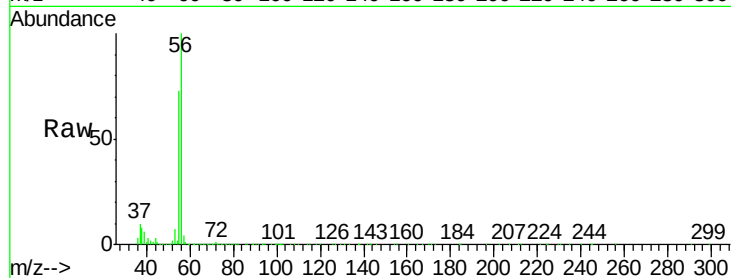
Ion Ratio Lower Upper

56 100

55 71.7 56.9 85.3

Manual Integrations
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#14

Allyl chloride

Concen: 45.708 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

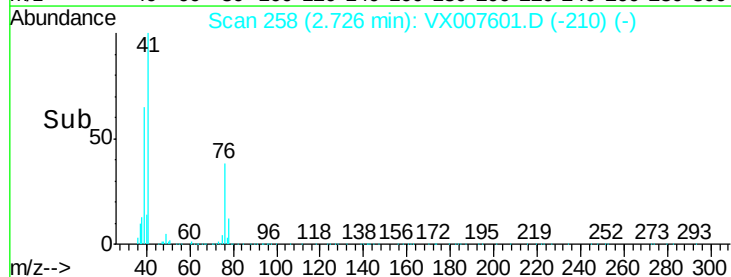
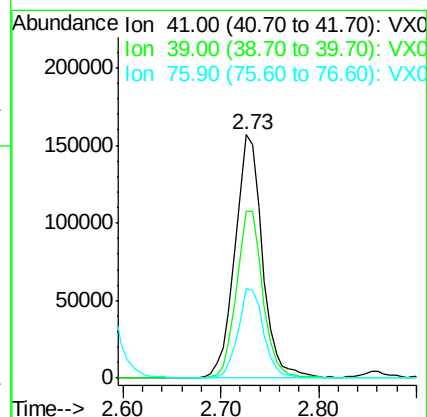
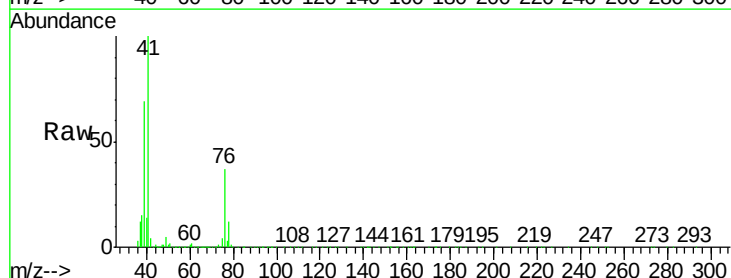
Tgt Ion: 41 Resp: 304500

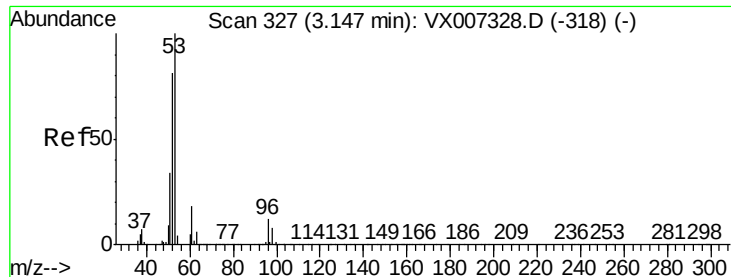
Ion Ratio Lower Upper

41 100

39 65.7 54.1 81.1

76 34.6 27.8 41.8





#15

Acrylonitrile

Concen: 233.977 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

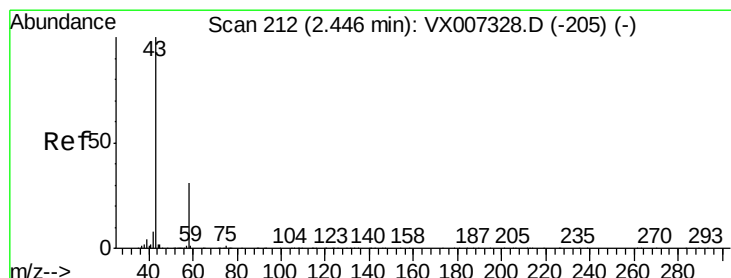
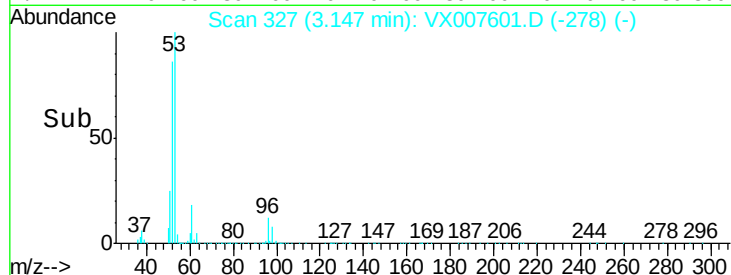
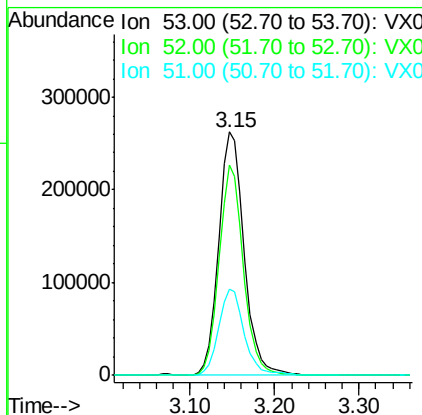
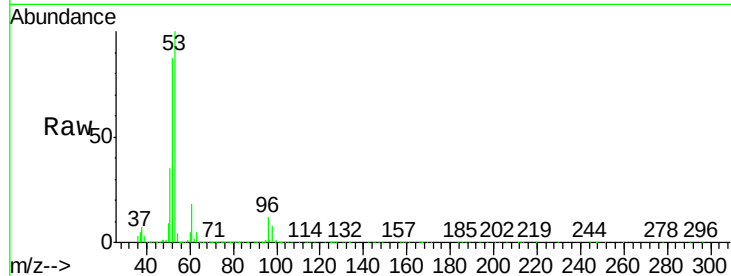
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	544445
Ion Ratio	Lower	Upper	
53	100		
52	82.7	66.4	99.6
51	35.6	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 282.755 ug/l

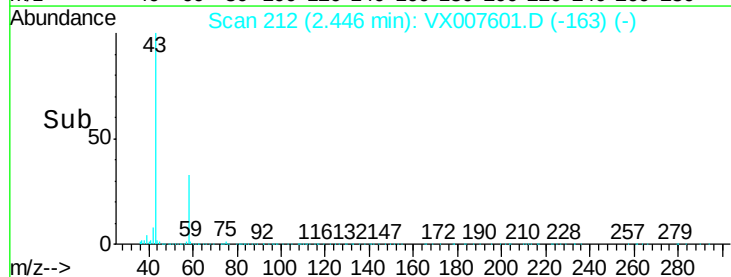
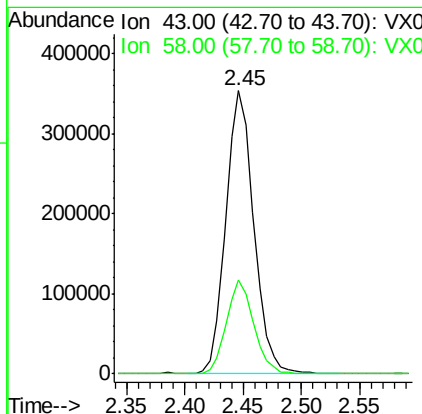
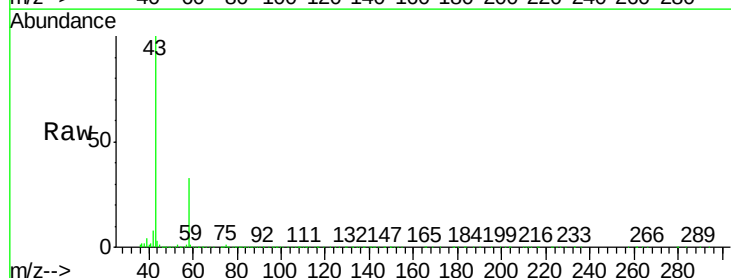
RT: 2.45 min Scan# 212

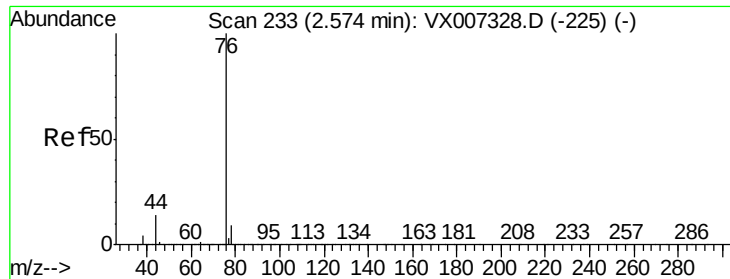
Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Tgt Ion:	43	Resp:	588702
Ion Ratio	Lower	Upper	
43	100		
58	33.2	24.9	37.3





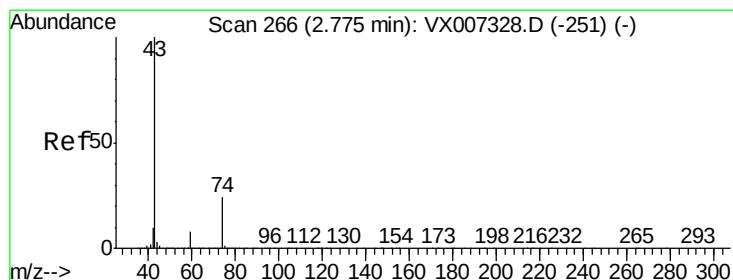
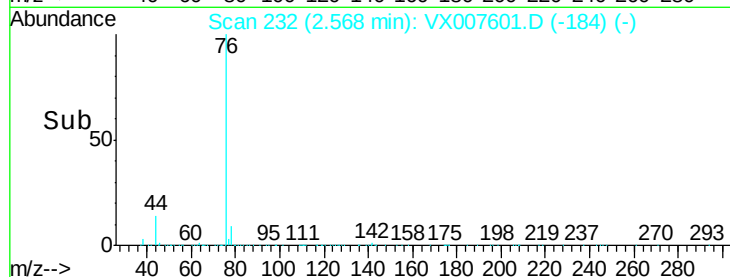
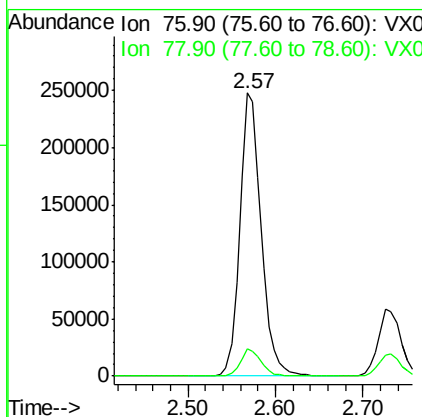
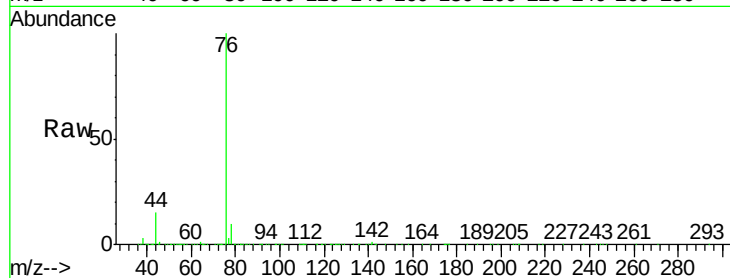
#17
Carbon Disulfide
Concen: 39.738 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.1	10.7

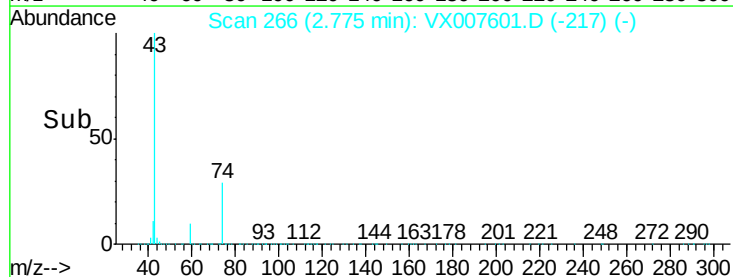
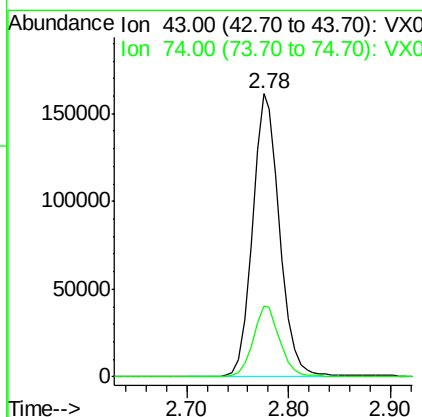
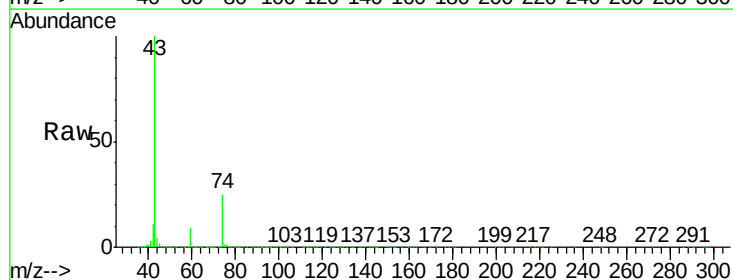
Manual Integrations
APPROVED

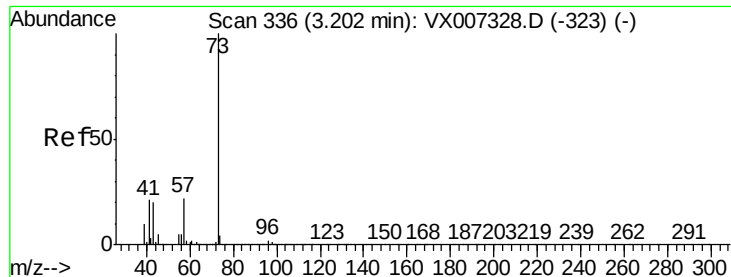
MMDadoda
2/20/2019 10:33:54 AM



#18
Methyl Acetate
Concen: 54.531 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.4	19.4	29.2





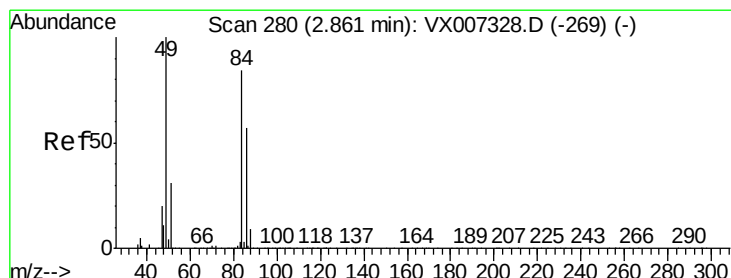
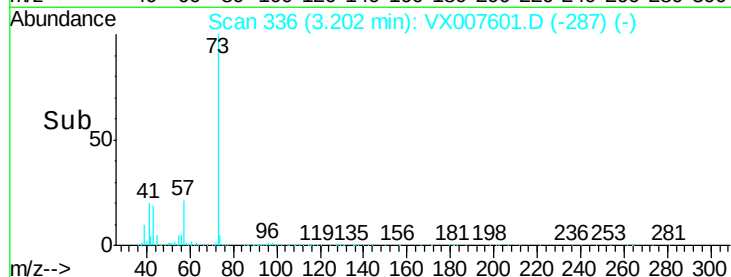
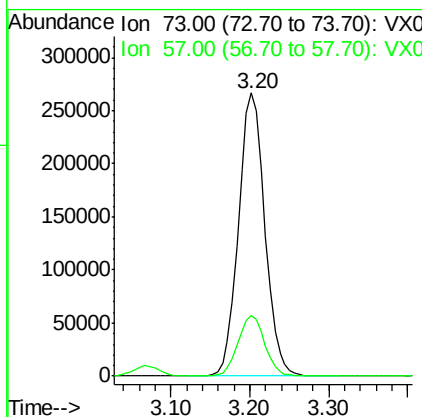
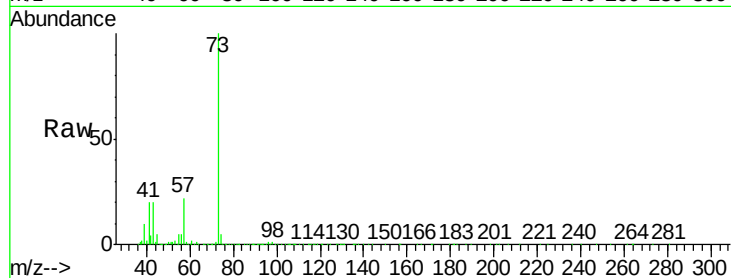
#19
Methyl tert-butyl Ether
Concen: 46.840 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.8	26.8

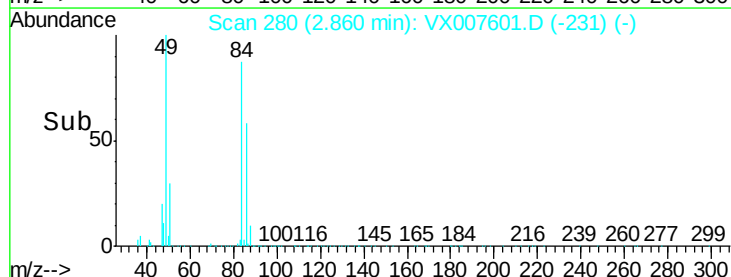
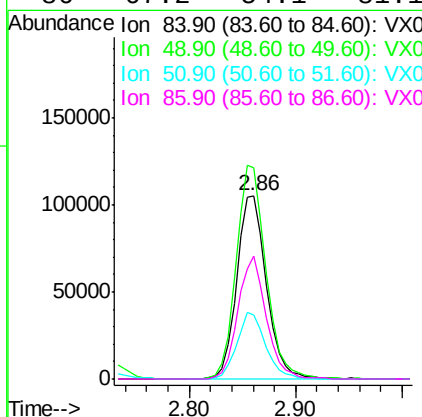
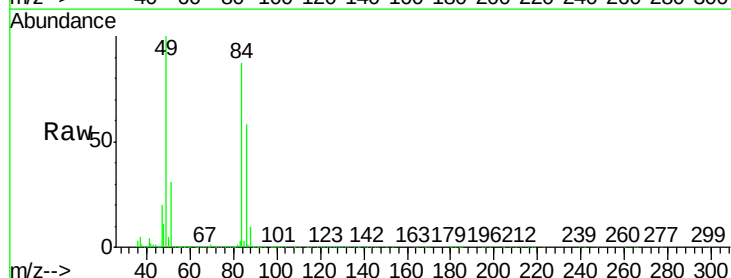
Manual Integrations
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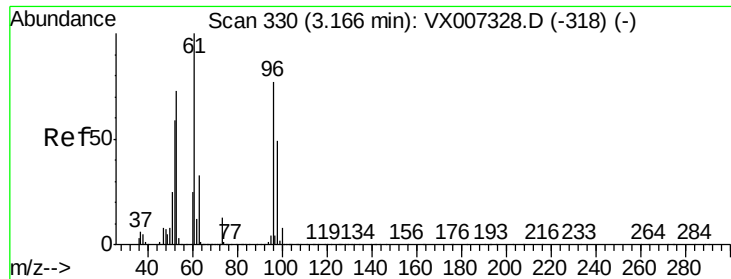
MMDadoda
2/20/2019 10:33:54 AM



#20
Methylene Chloride
Concen: 48.265 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.1	94.8	142.2
51	35.0	29.8	44.8
86	67.2	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 43.001 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

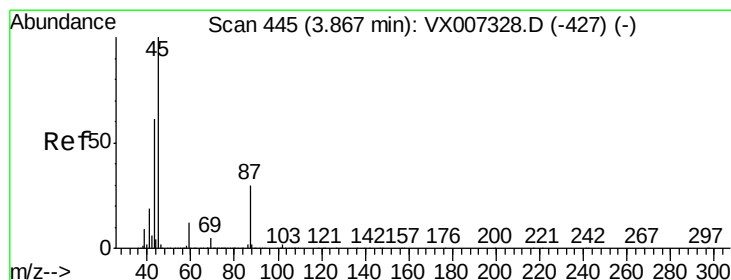
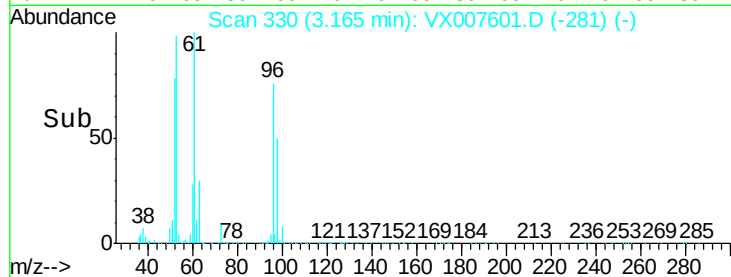
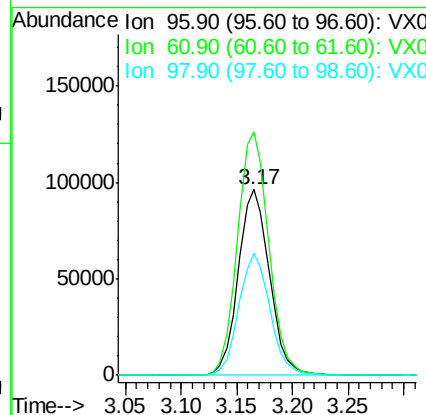
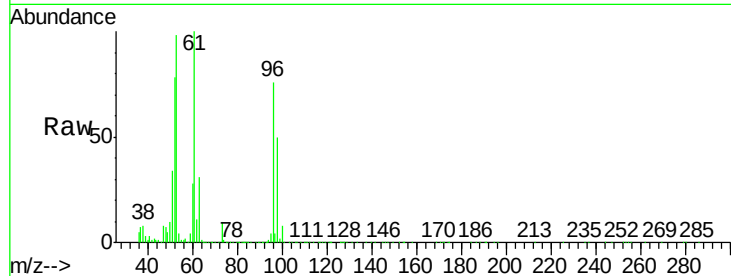
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	187287
Ion Ratio	Lower	Upper	
96	100		
61	131.1	104.6	156.8
98	65.5	51.0	76.4

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#22

Diisopropyl ether

Concen: 52.816 ug/l

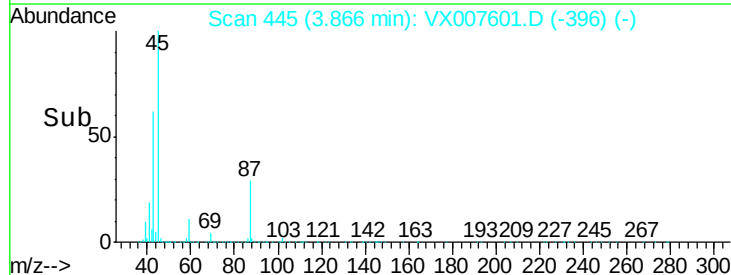
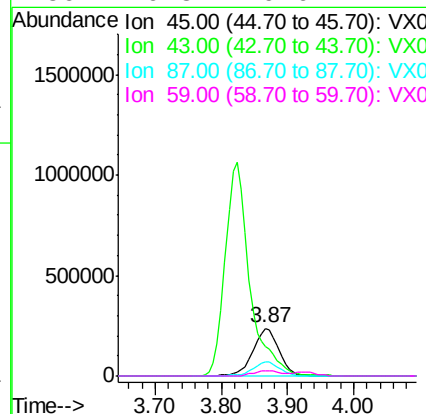
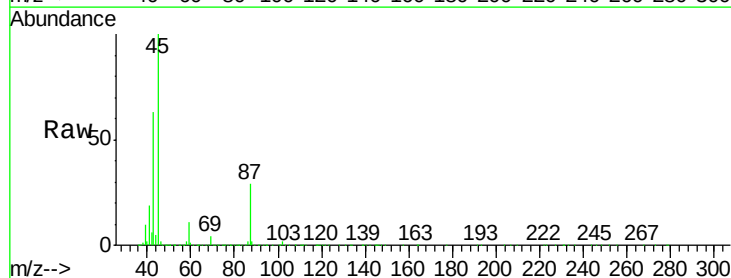
RT: 3.87 min Scan# 445

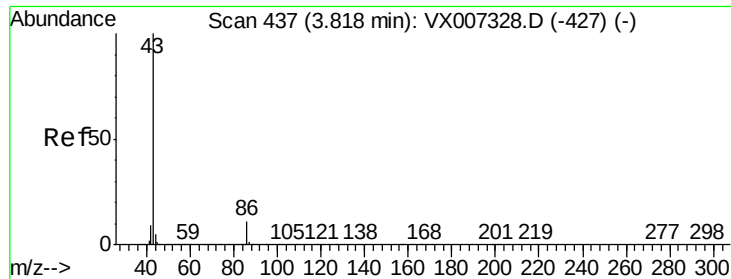
Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Tgt Ion:	45	Resp:	647208
Ion Ratio	Lower	Upper	
45	100		
43	62.6	48.9	73.3
87	28.5	23.9	35.9
59	10.8	9.6	14.4





#23

Vinyl Acetate

Concen: 271.418 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2759966

Ion Ratio Lower Upper

43 100

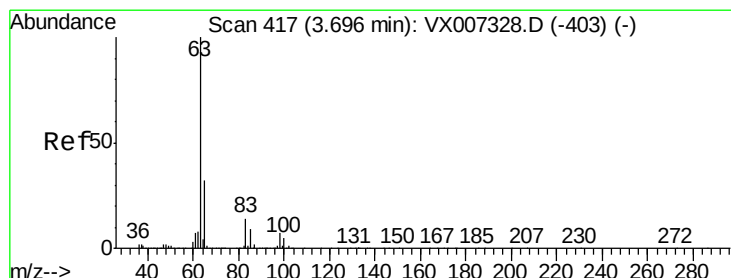
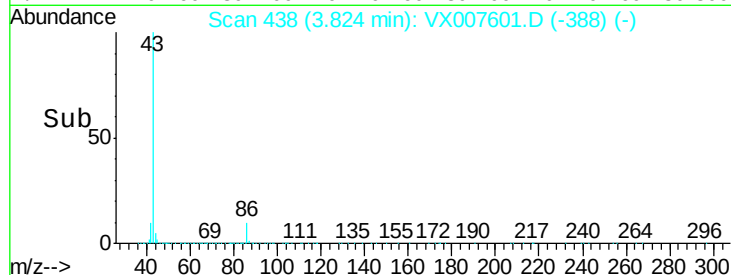
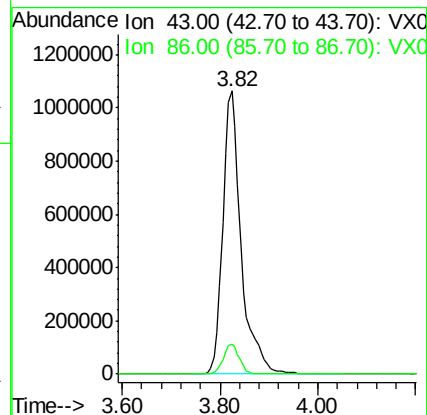
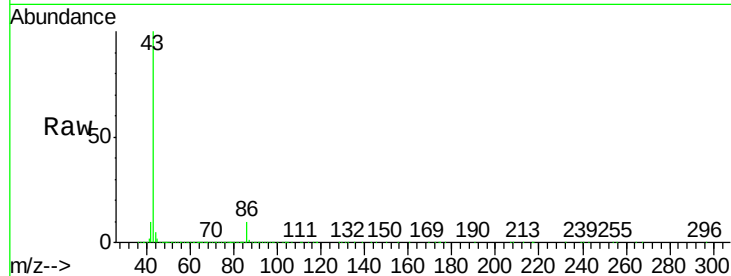
86 10.5 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.813 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

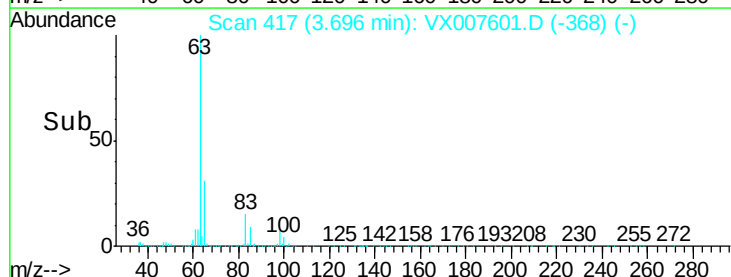
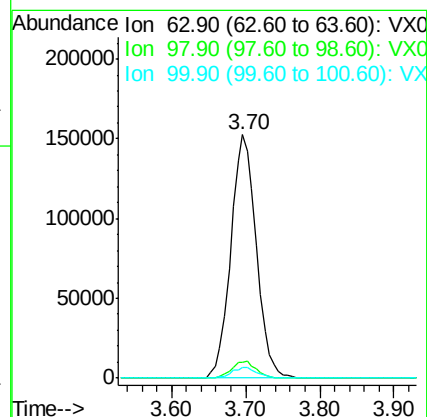
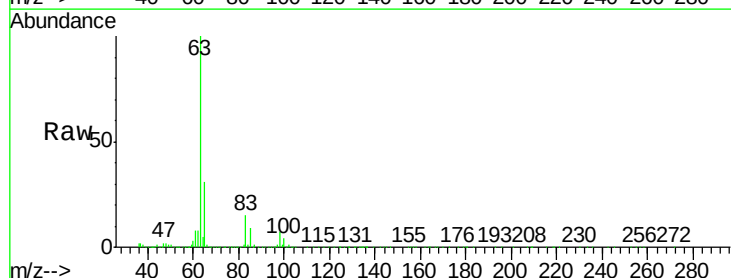
Tgt Ion: 63 Resp: 364620

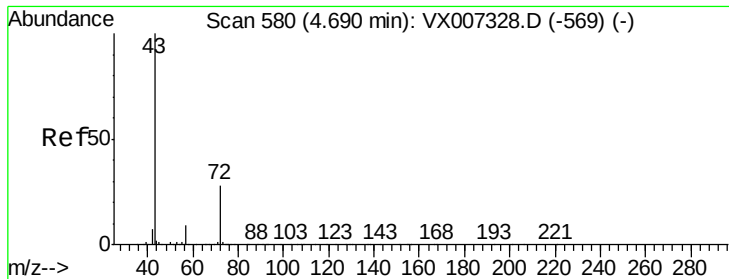
Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 4.2 2.5 7.4





#25

2-Butanone

Concen: 286.031 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 847500

Ion Ratio Lower Upper

43 100

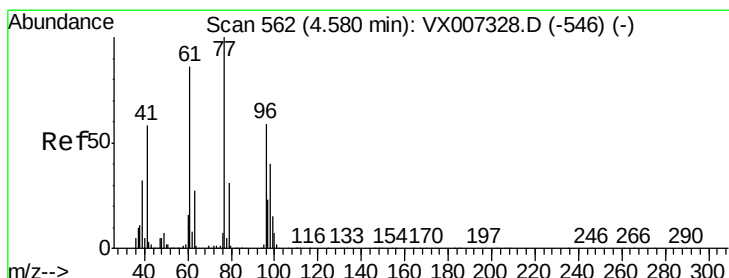
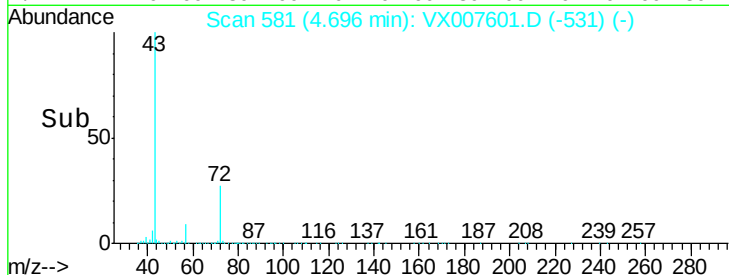
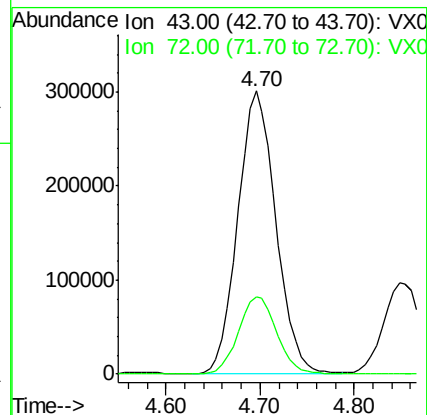
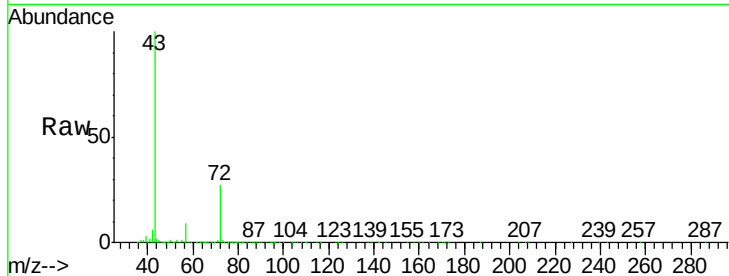
72 27.0 22.2 33.2

Manual Integrations

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MMDadoda

2/20/2019 10:33:54 AM



#26

2,2-Dichloropropane

Concen: 53.679 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX007601.D

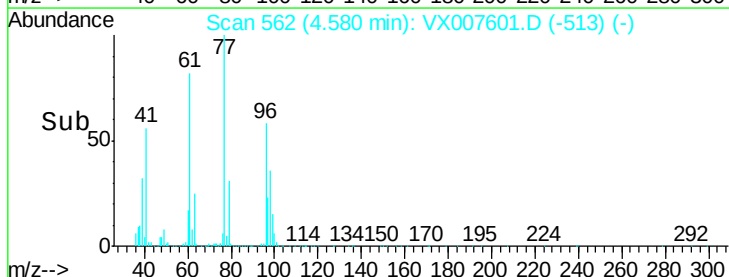
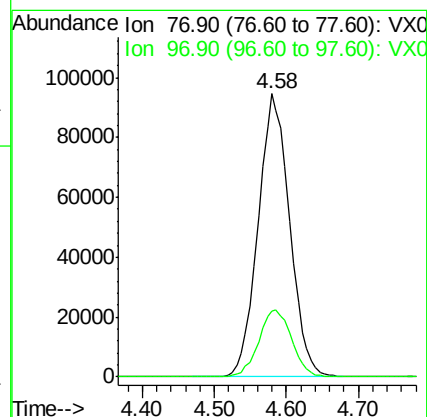
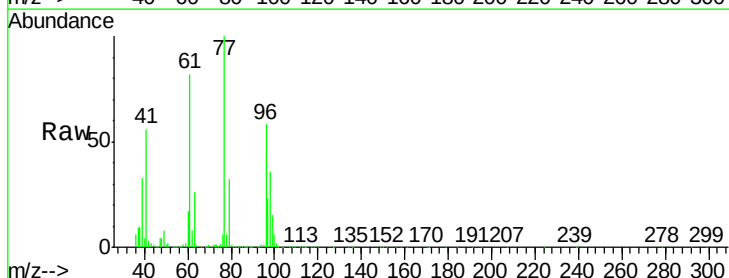
Acq: 19 Feb 2019 09:36

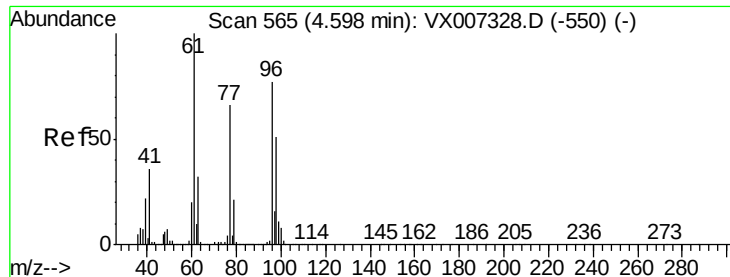
Tgt Ion: 77 Resp: 287678

Ion Ratio Lower Upper

77 100

97 24.6 12.1 36.3





#27

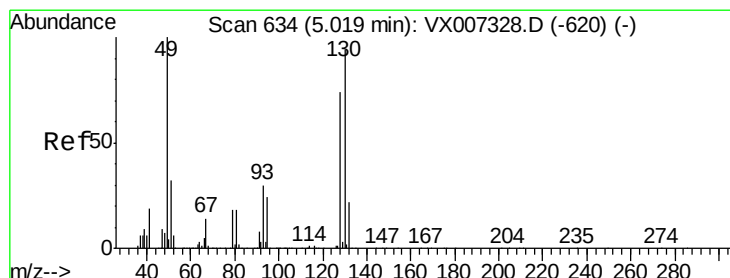
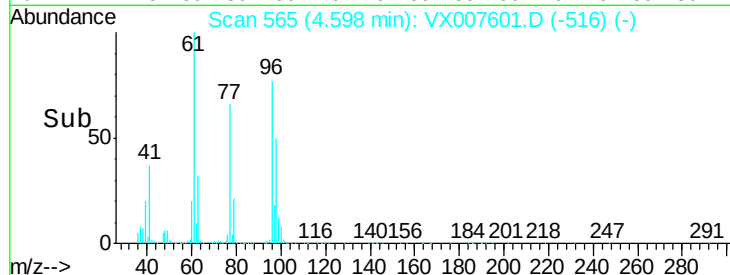
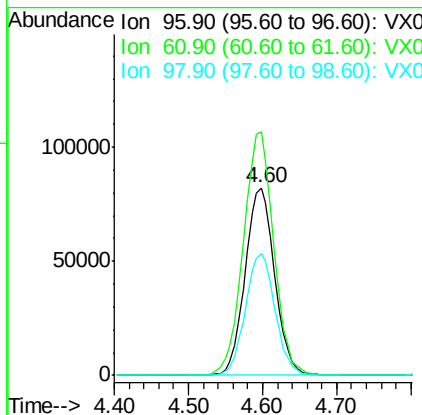
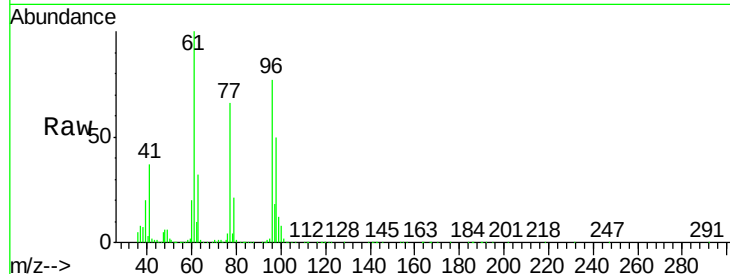
cis-1,2-Dichloroethene
Concen: 48.192 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	229258		
61	133.8	0.0	265.6	
98	65.2	0.0	131.6	

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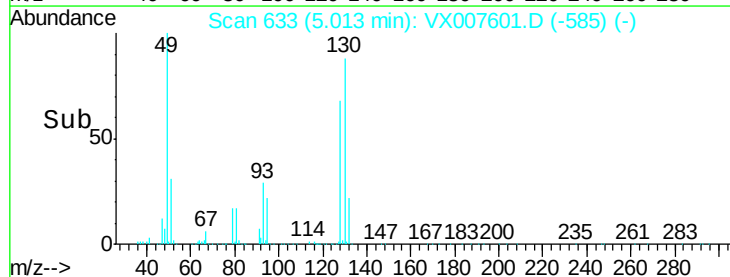
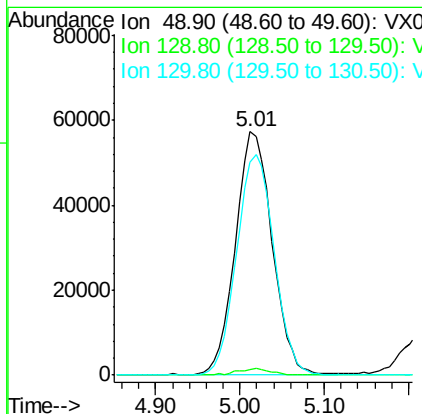
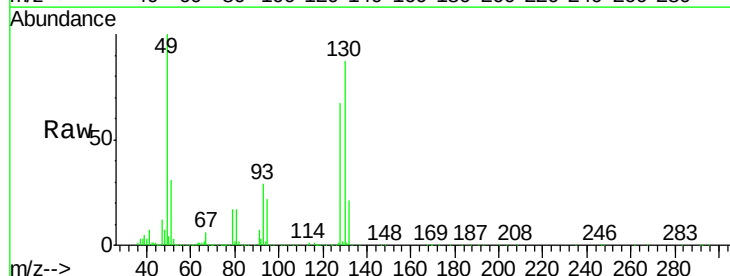
MMDadoda
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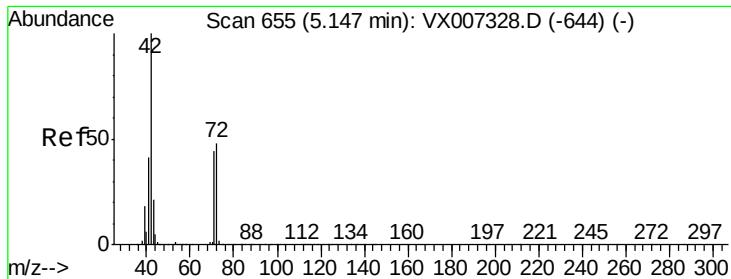


#28

Bromochloromethane
Concen: 52.210 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	168960		
129	2.4	0.0	5.6	
130	92.9	75.6	113.4	





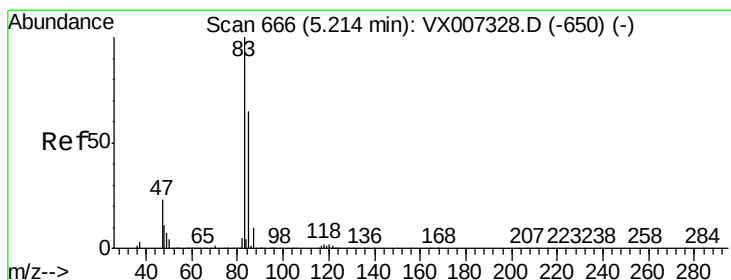
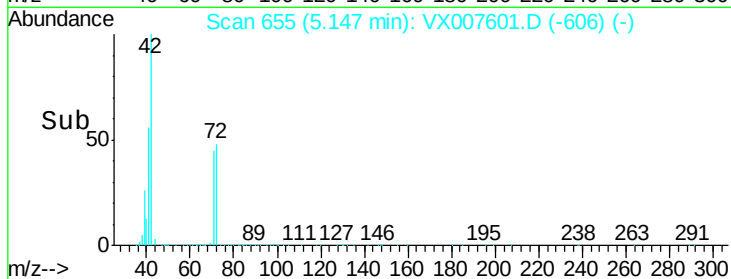
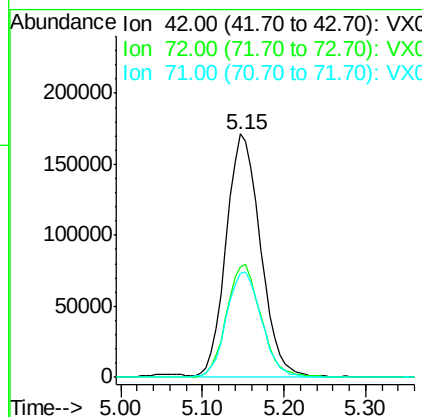
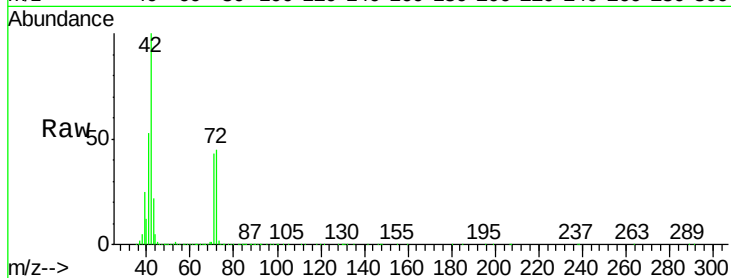
#29
Tetrahydrofuran
Concen: 266.779 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	37.6	56.4
71	44.2	34.6	51.8

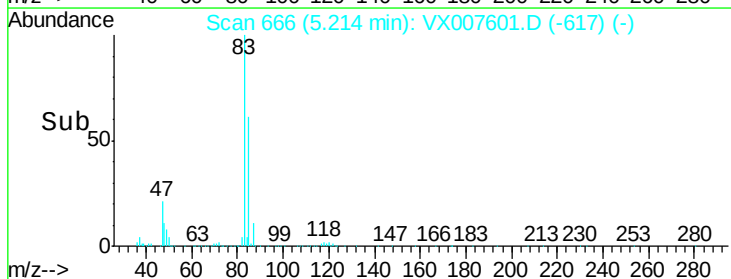
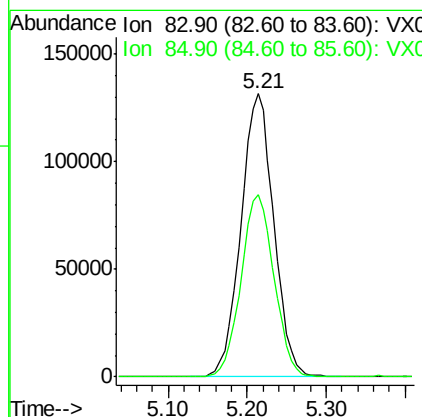
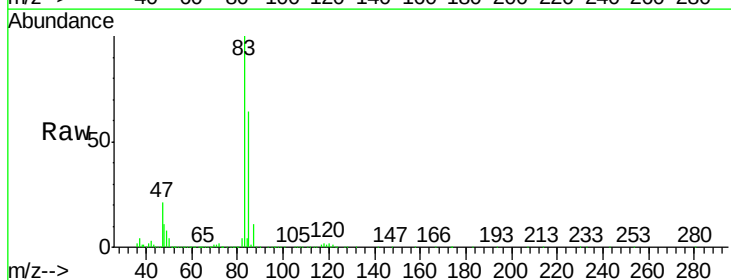
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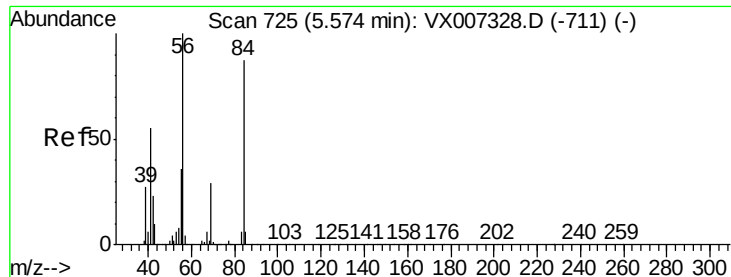
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#30
Chloroform
Concen: 51.790 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.6	77.4





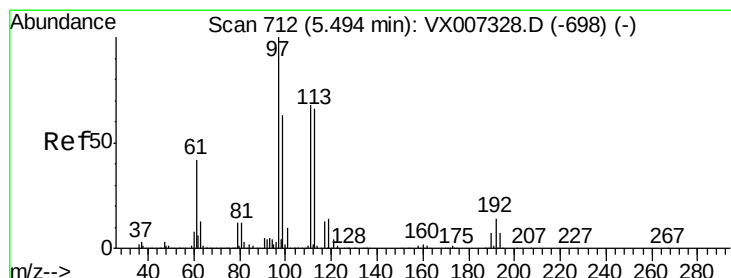
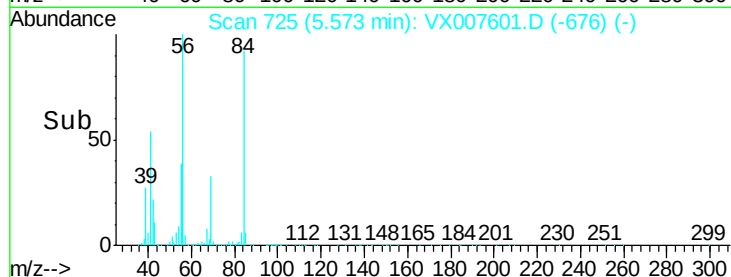
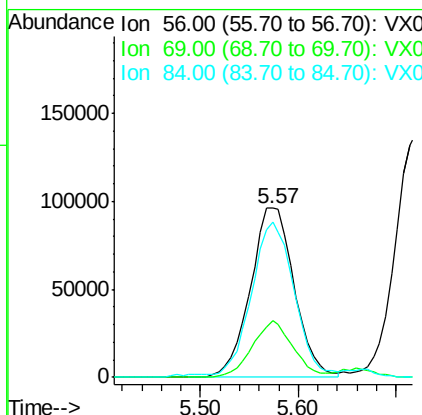
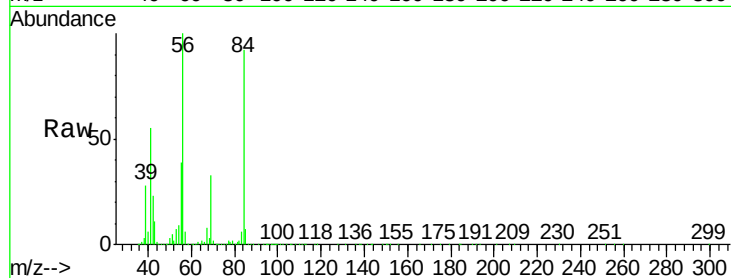
#31
Cyclohexane
Concen: 47.232 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.2	23.0	34.6
84	90.2	69.8	104.6

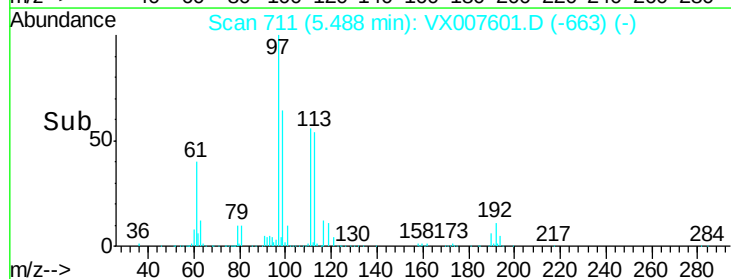
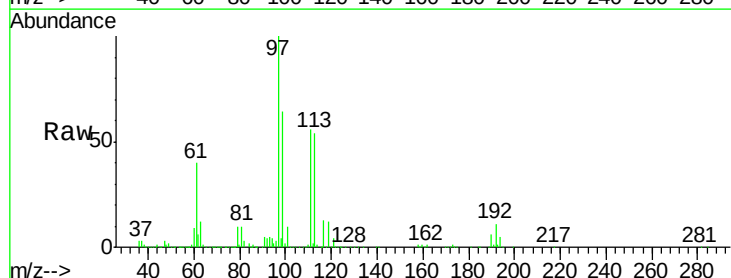
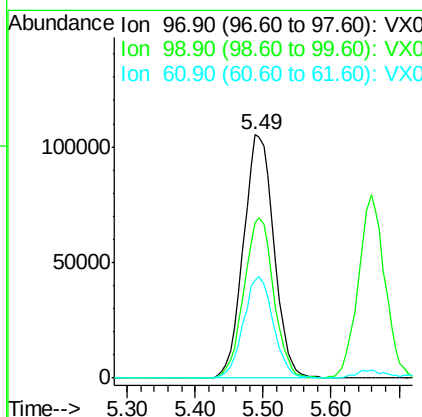
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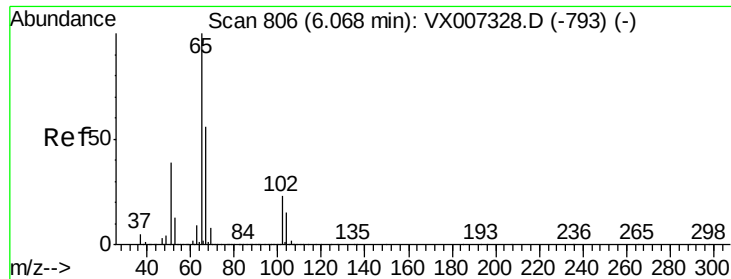
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#32
1,1,1-Trichloroethane
Concen: 53.012 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.2	78.2
61	41.1	32.7	49.1





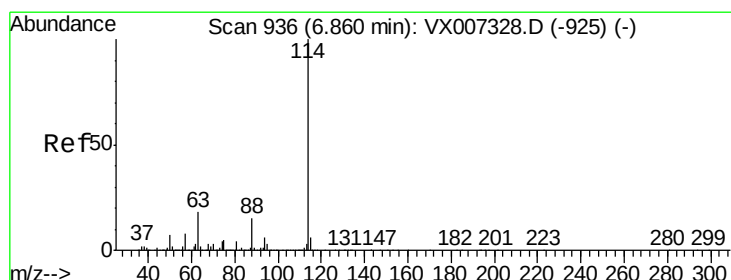
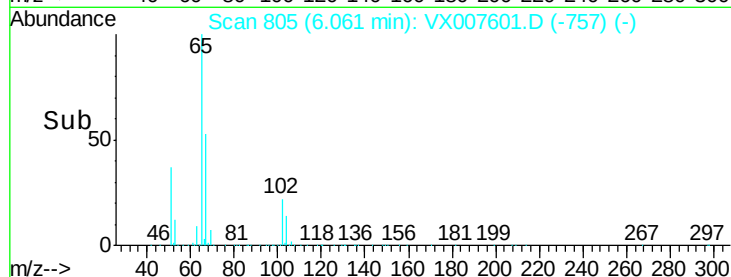
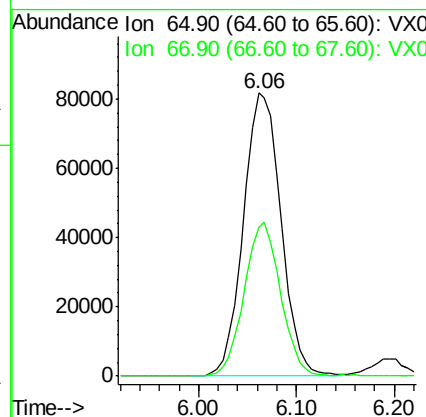
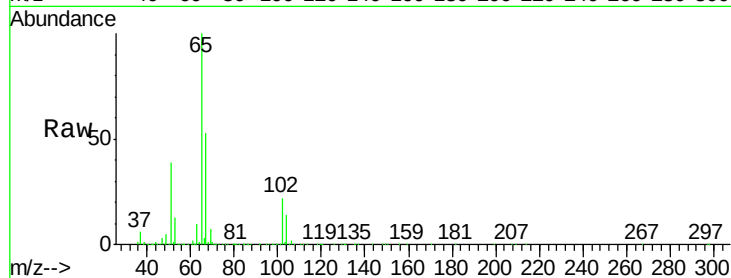
#33
 1,2-Dichloroethane-d4
 Concen: 47.859 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX007601.D
 Acq: 19 Feb 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	217526		
67	52.4	0.0	108.8	

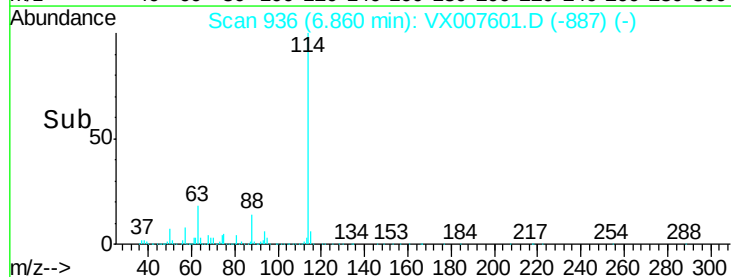
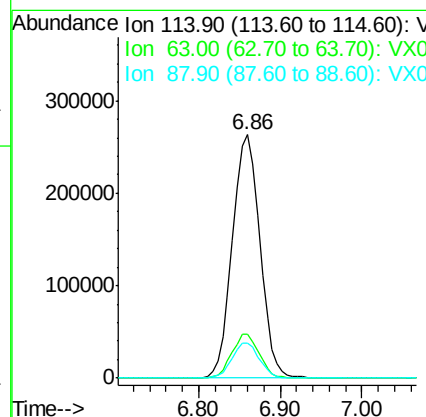
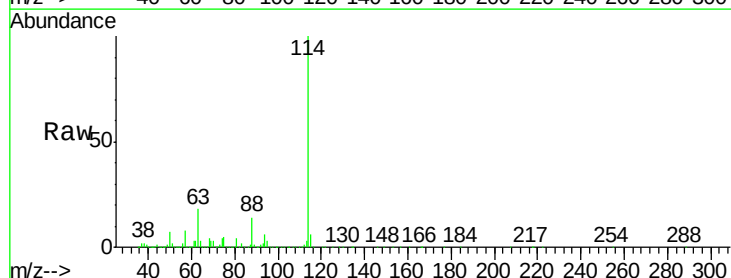
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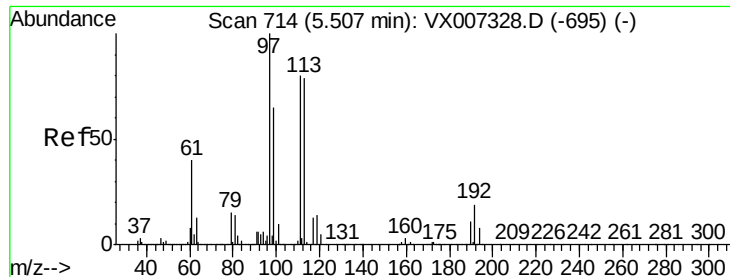
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007601.D
 Acq: 19 Feb 2019 09:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	615089		
63	17.8	0.0	35.6	
88	14.3	0.0	29.6	





#35

Dibromofluoromethane

Concen: 50.498 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

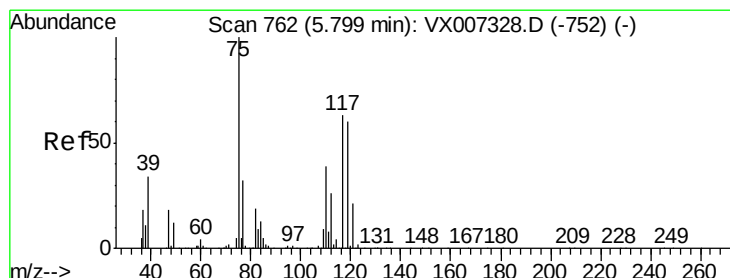
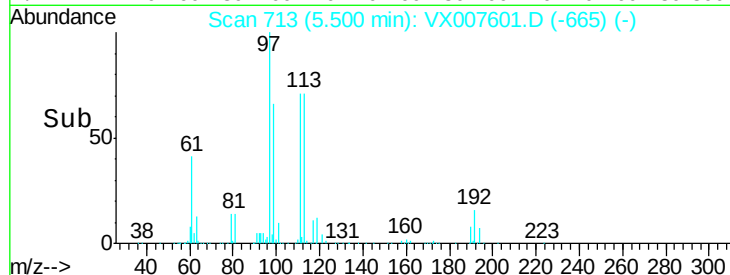
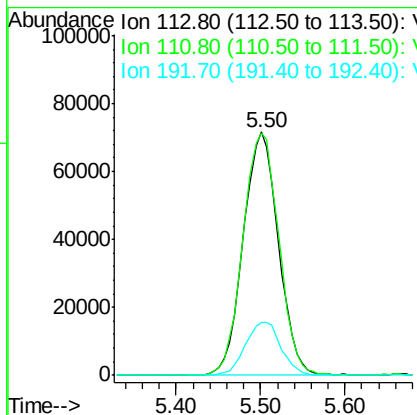
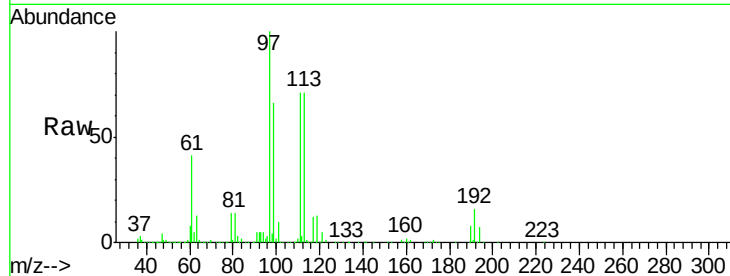
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	202103
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.8	122.8
192	22.3	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.381 ug/l

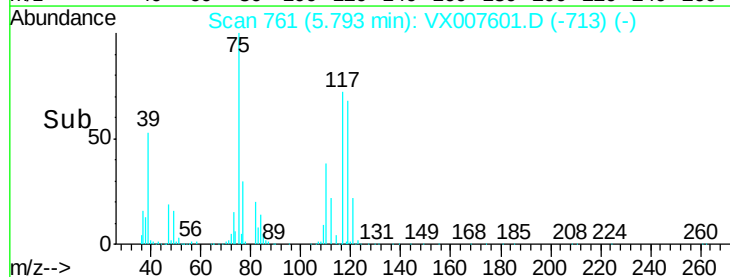
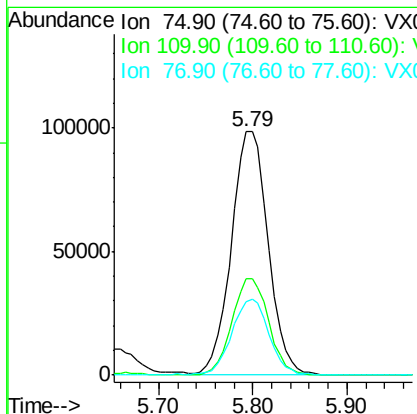
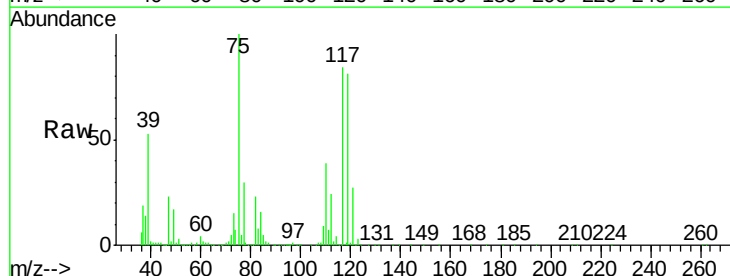
RT: 5.79 min Scan# 761

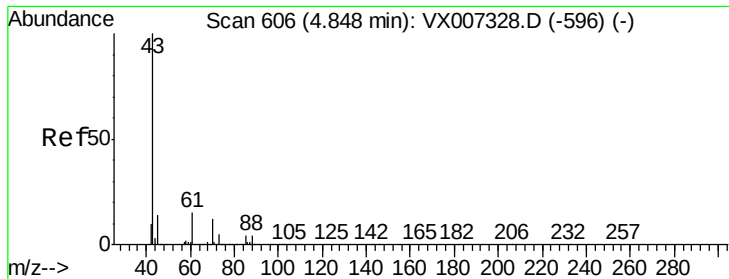
Delta R.T. -0.01 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Tgt Ion:	75	Resp:	267007
Ion Ratio	Lower	Upper	
75	100		
110	39.8	20.0	59.9
77	31.4	24.7	37.1





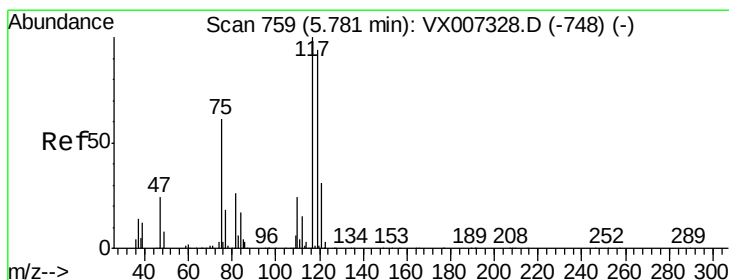
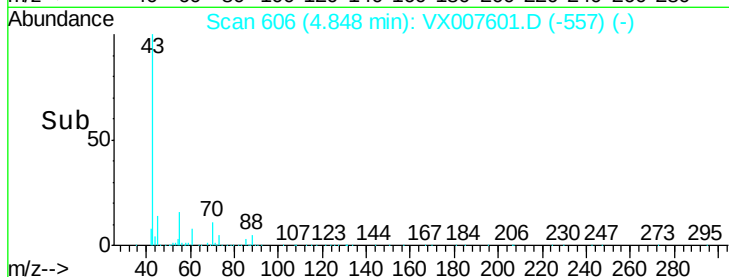
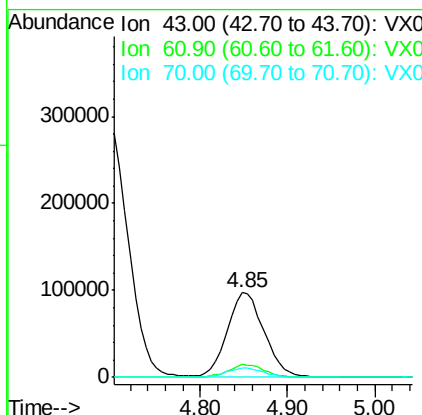
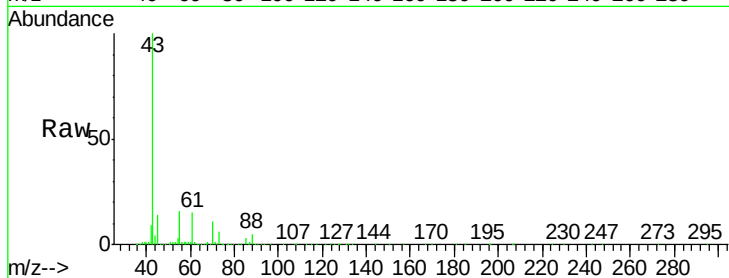
#37
Ethyl Acetate
Concen: 50.943 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.3	16.9
70	11.0	8.6	13.0

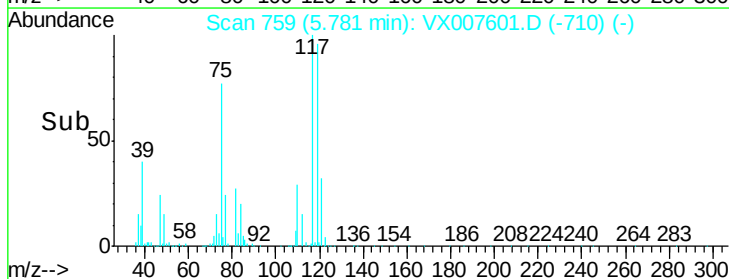
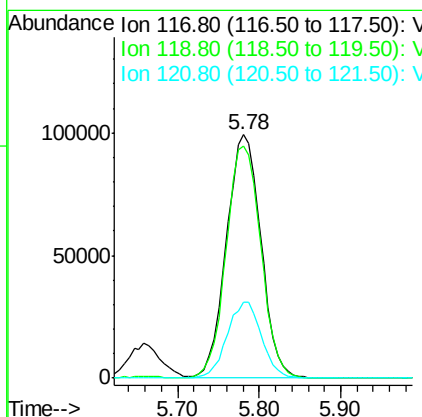
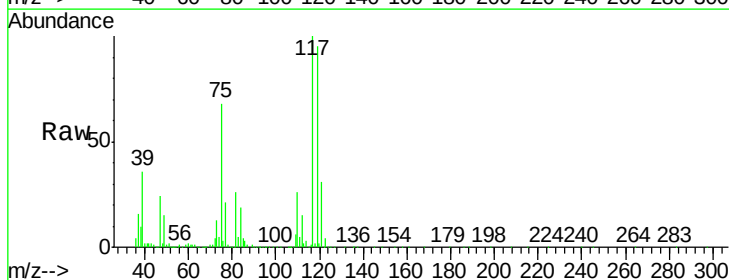
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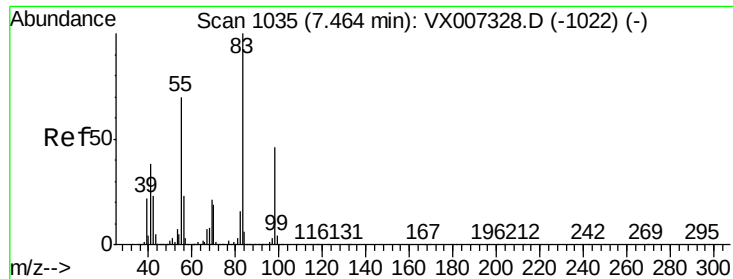
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#38
Carbon Tetrachloride
Concen: 54.281 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.3	112.9
121	31.3	25.0	37.4





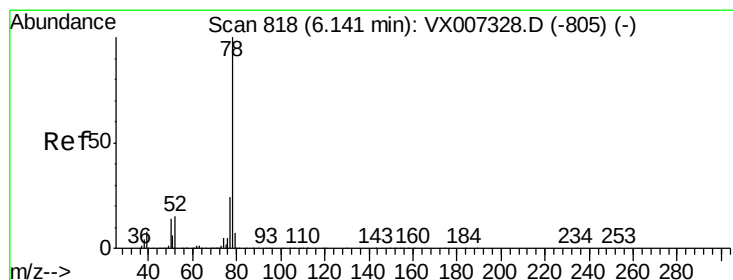
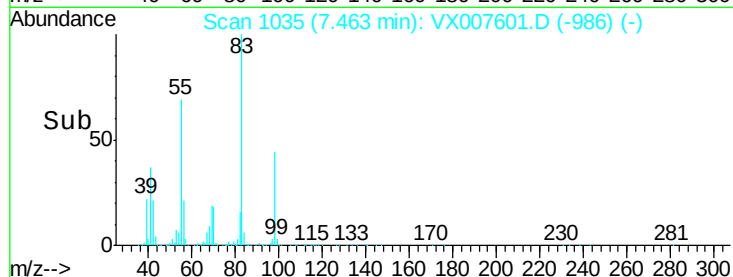
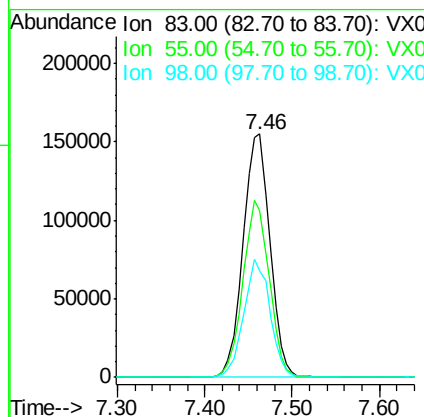
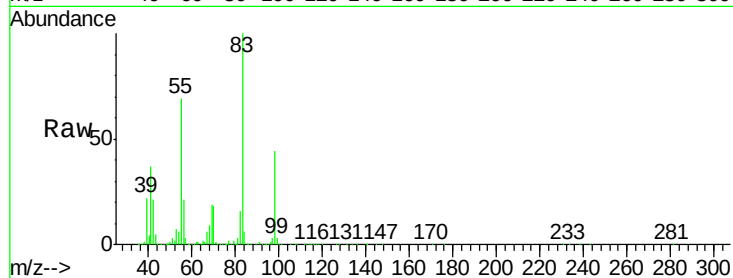
#39
Methylvlcyclohexane
Concen: 49.725 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.7	56.2	84.2
98	43.7	36.8	55.2

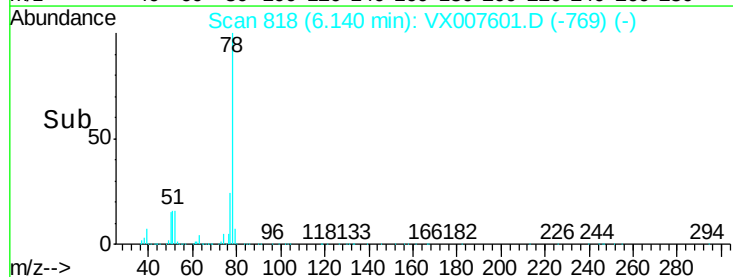
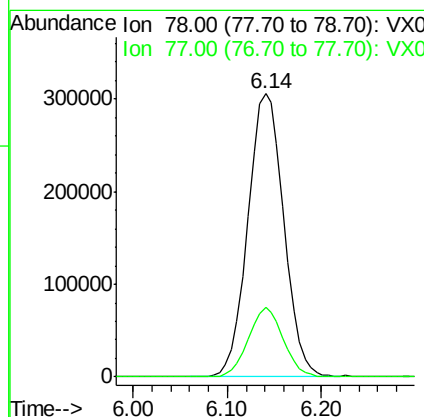
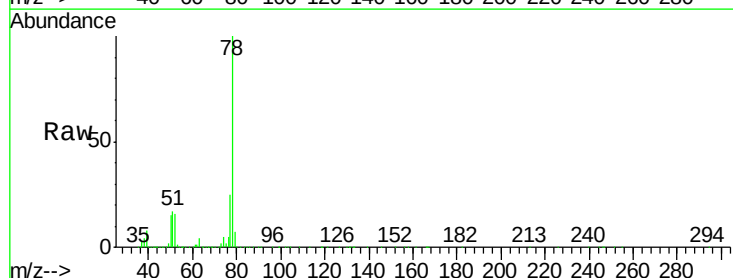
Manual Integrations
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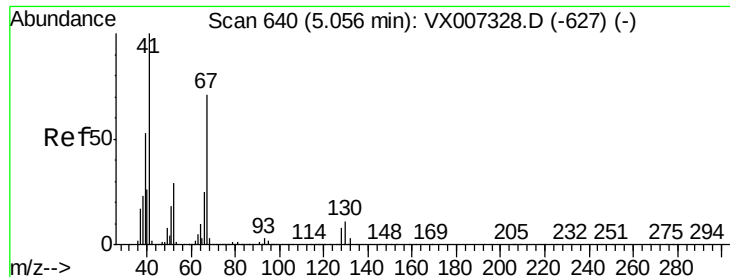
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#40
Benzene
Concen: 50.454 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.3	28.9





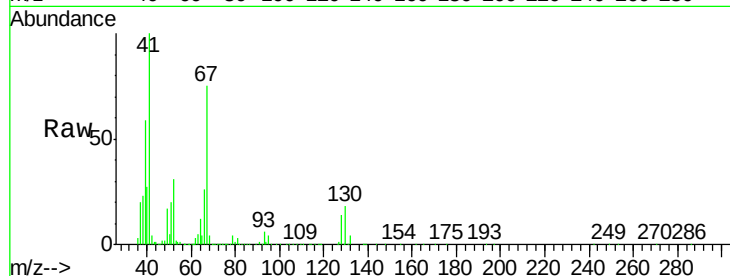
#41
Methacrylonitrile
Concen: 53.578 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

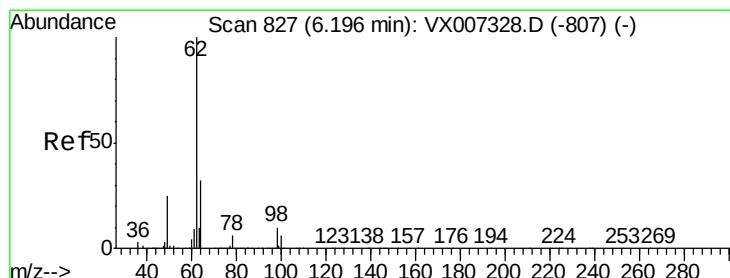
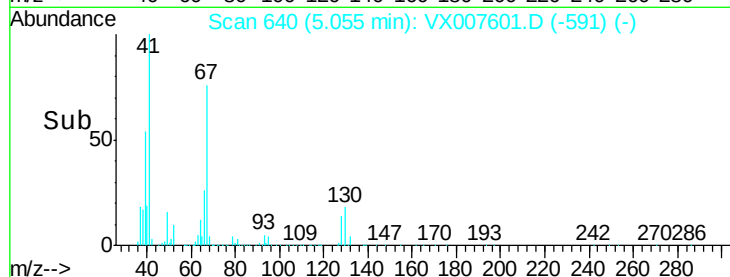
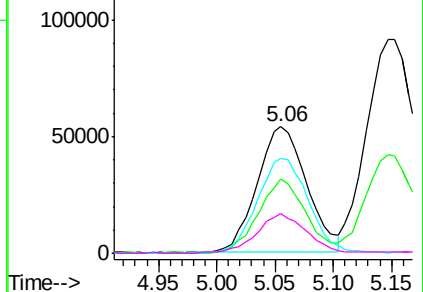
Tot Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.5	66.7
67	77.2	60.4	90.6
52	30.5	24.1	36.1

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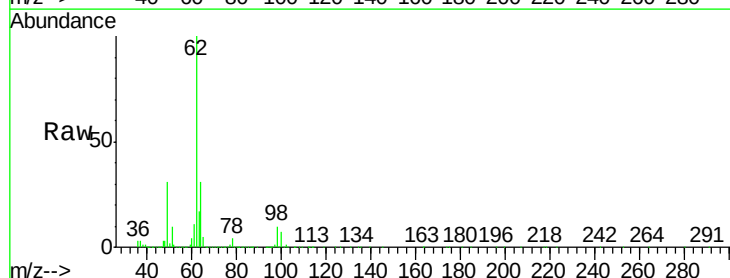


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

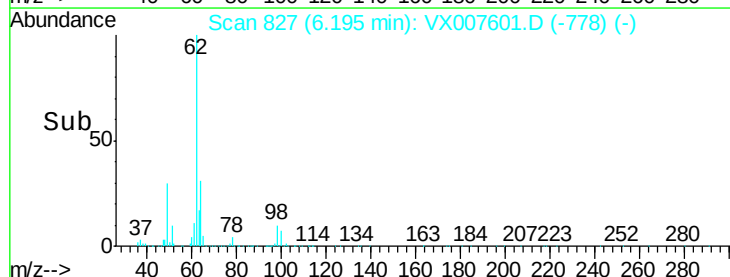
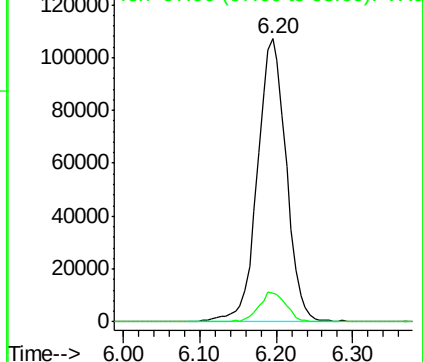


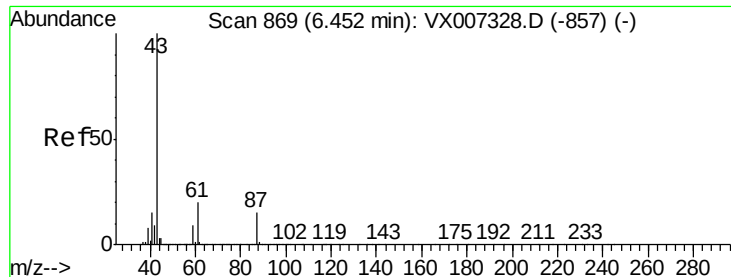
#42
1,2-Dichloroethane
Concen: 49.657 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 54.114 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

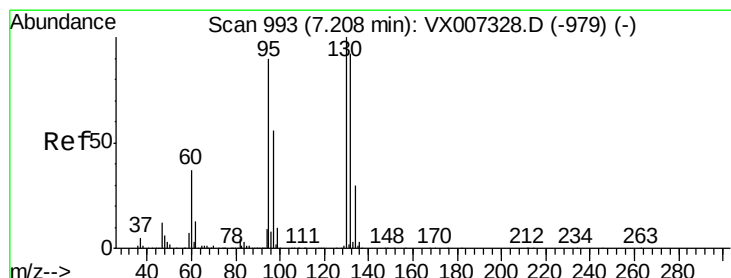
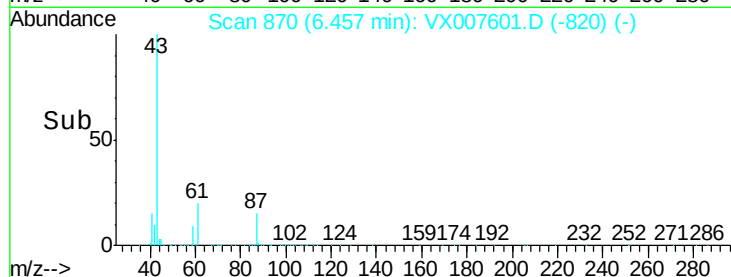
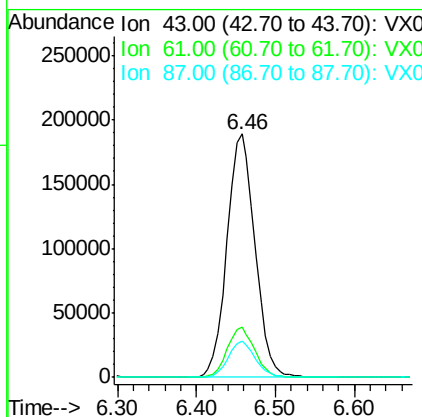
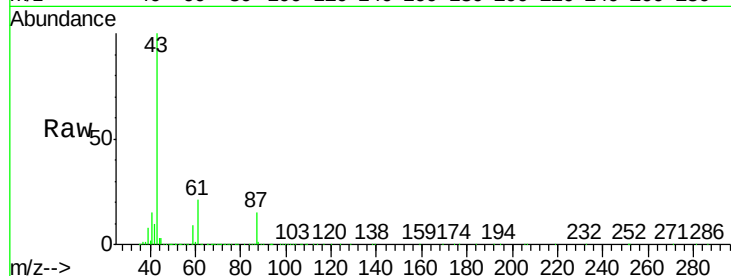
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	465982
Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.1	24.1
87	14.4	11.5	17.3

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#44

Trichloroethene

Concen: 49.734 ug/l

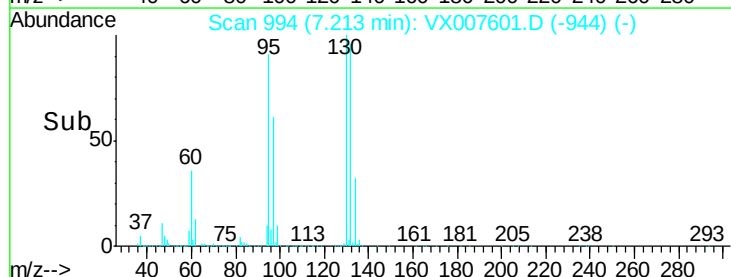
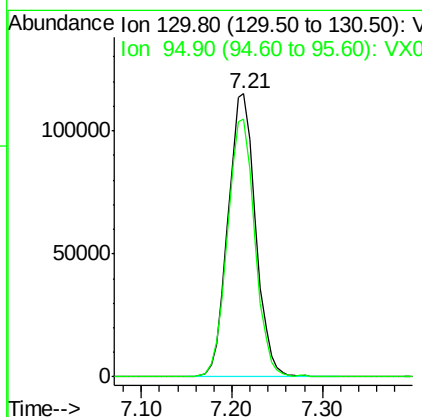
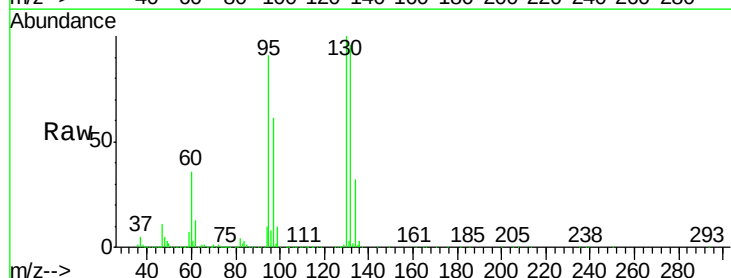
RT: 7.21 min Scan# 994

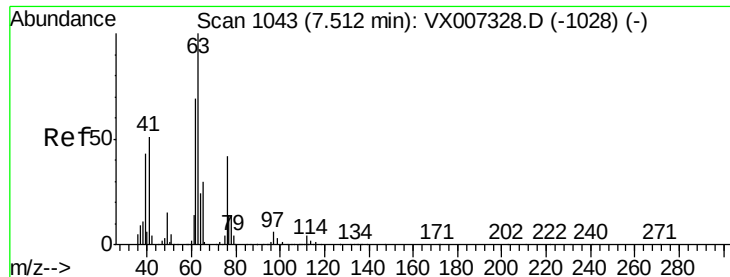
Delta R.T. 0.01 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Tgt Ion:	130	Resp:	243509
Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	180.0





#45

1,2-Dichloropropane

Concen: 52.235 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 212763

Ion Ratio Lower Upper

63 100

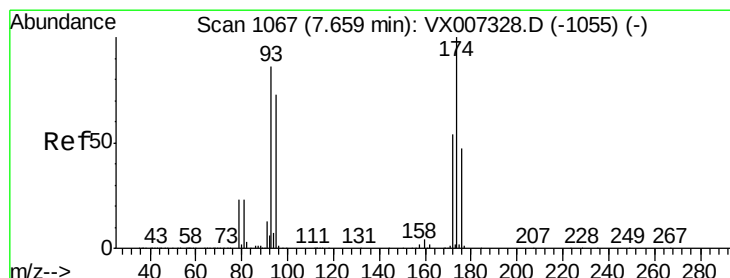
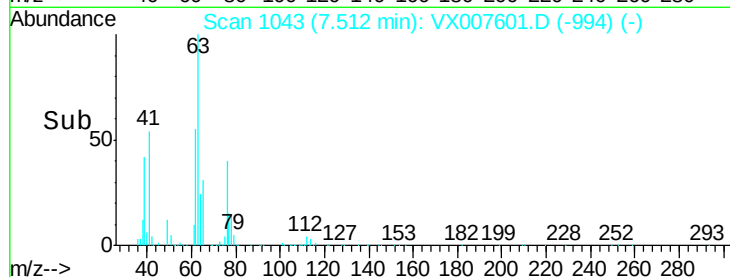
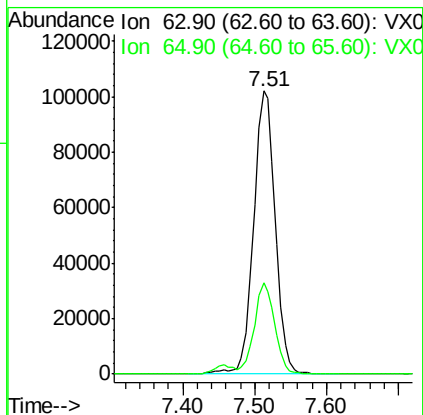
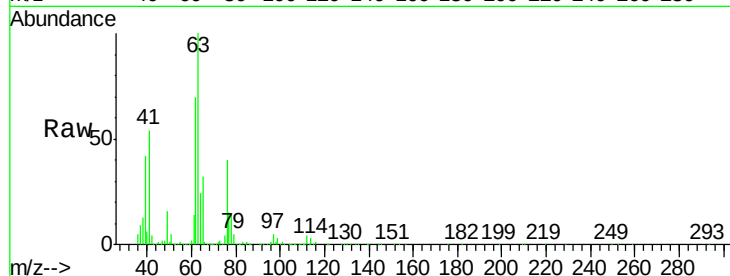
65 32.5 24.2 36.2

Manual Integrations

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#46

Dibromomethane

Concen: 50.592 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

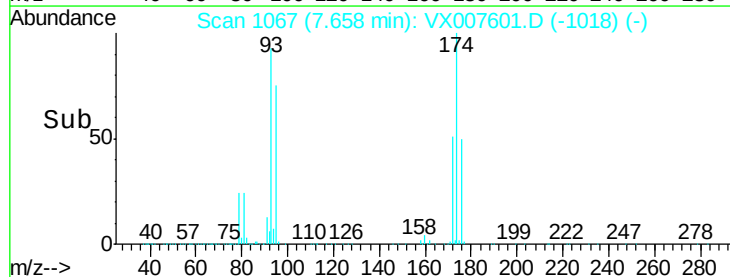
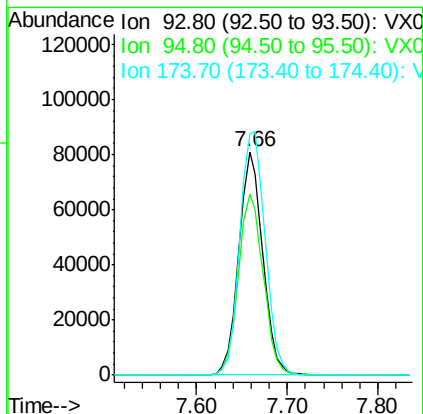
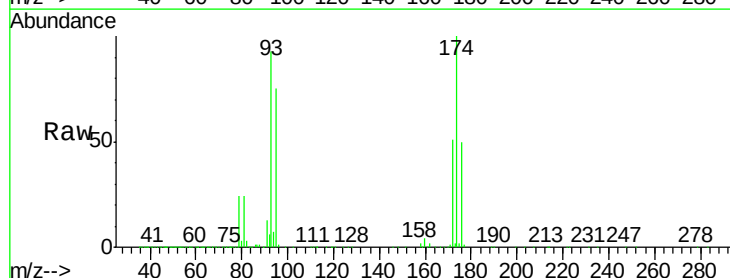
Tgt Ion: 93 Resp: 149772

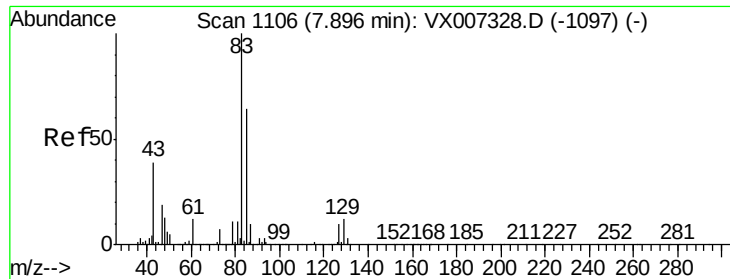
Ion Ratio Lower Upper

93 100

95 83.6 67.6 101.4

174 115.3 94.2 141.4





#47

Bromodichloromethane

Concen: 55.880 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

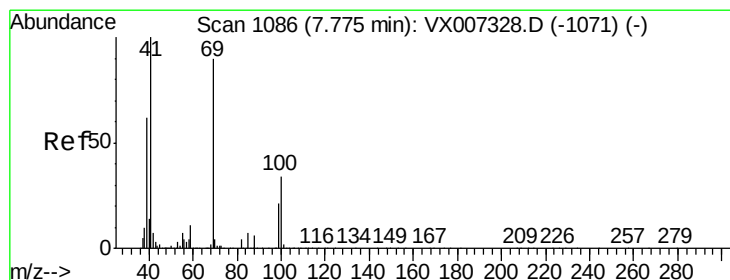
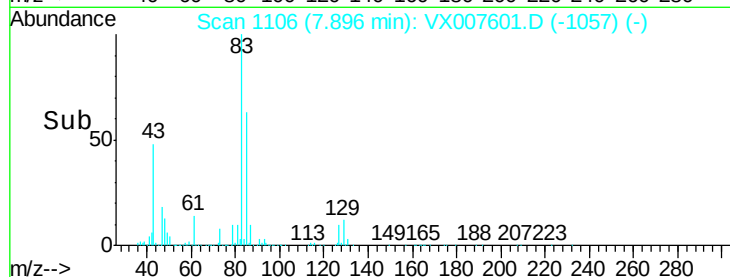
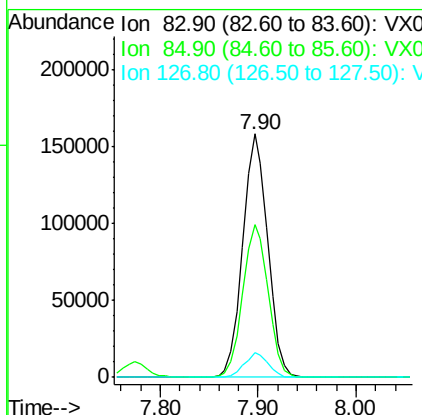
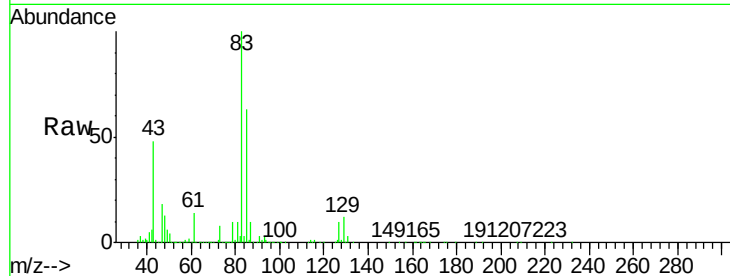
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	280363
Ion Ratio	Lower	Upper	
83	100		
85	62.5	51.4	77.0
127	10.0	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 56.441 ug/l

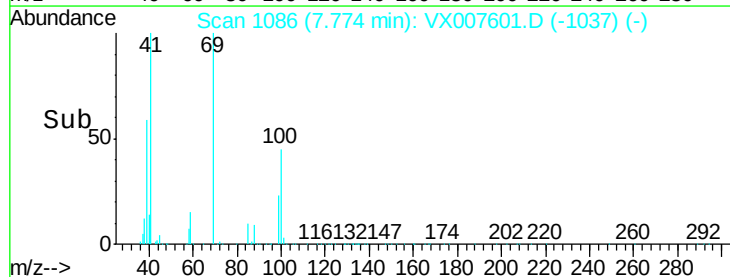
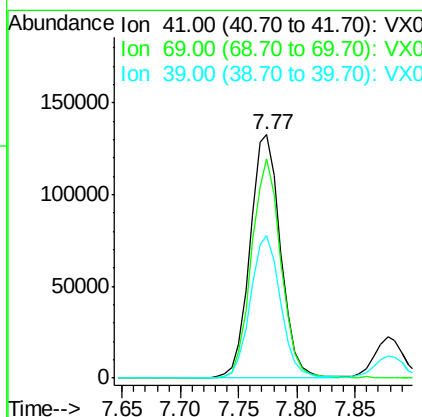
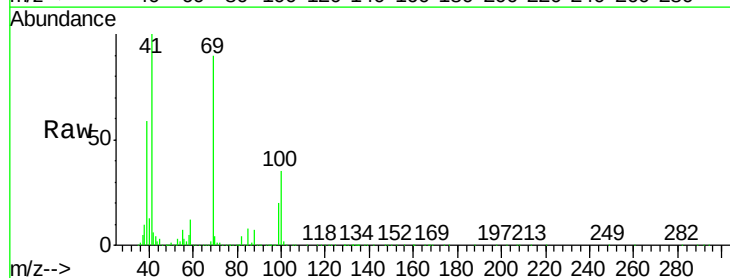
RT: 7.77 min Scan# 1086

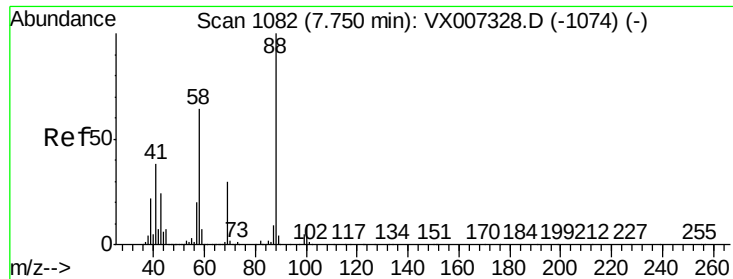
Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Tgt Ion:	41	Resp:	243103
Ion Ratio	Lower	Upper	
41	100		
69	86.5	70.2	105.4
39	57.6	47.4	71.0





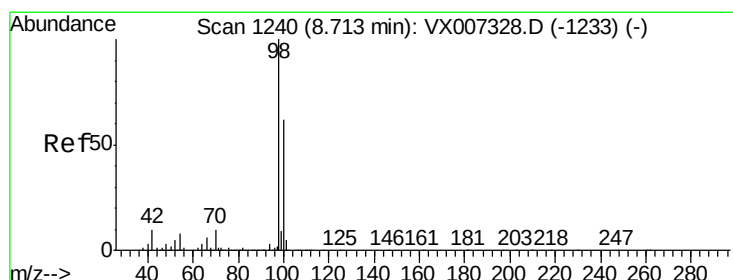
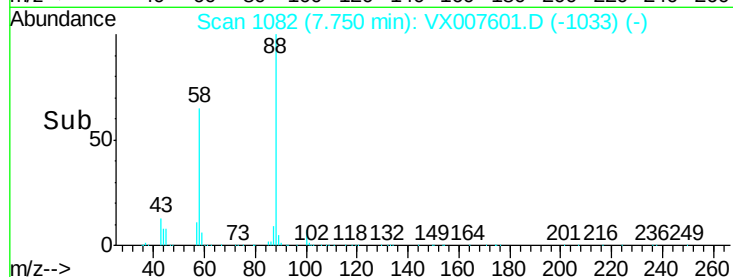
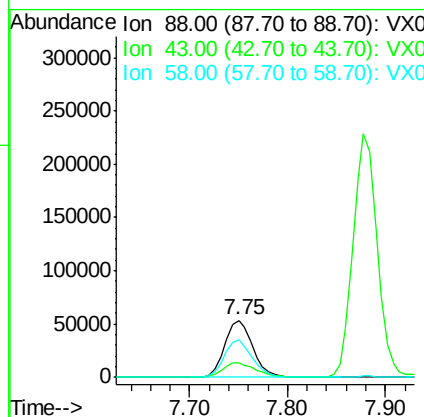
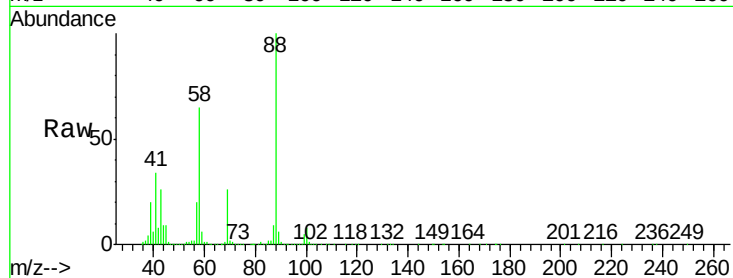
#49
1,4-Dioxane
Concen: 1078.000 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.0	24.2	36.4
58	65.8	53.0	79.4

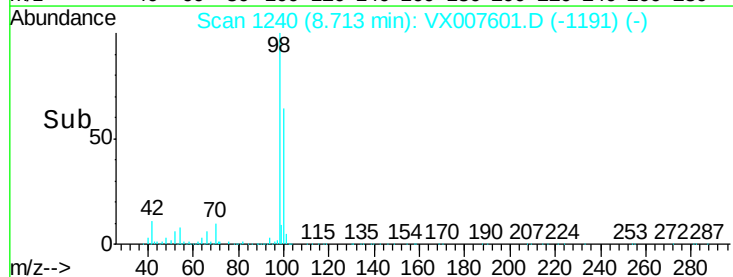
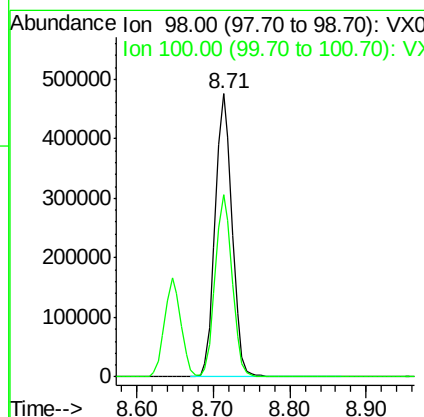
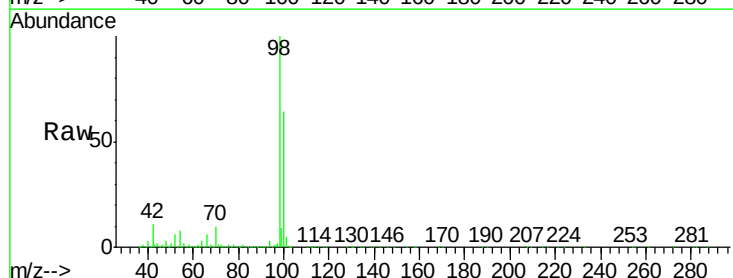
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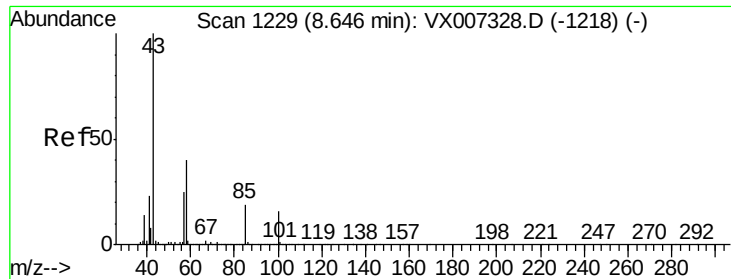
MMDadoda
2/20/2019 10:33:54 AM



#50
Toluene-d8
Concen: 49.248 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 273.156 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Tot Ion: 43 Resp: 1548435

Ion Ratio Lower Upper

43 100

58 39.0 31.2 46.8

Instrument :

MSVOA_X

ClientSampled :

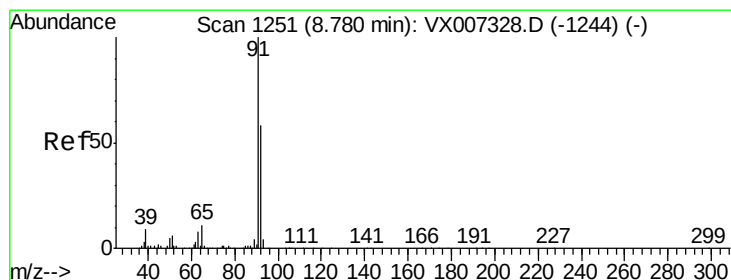
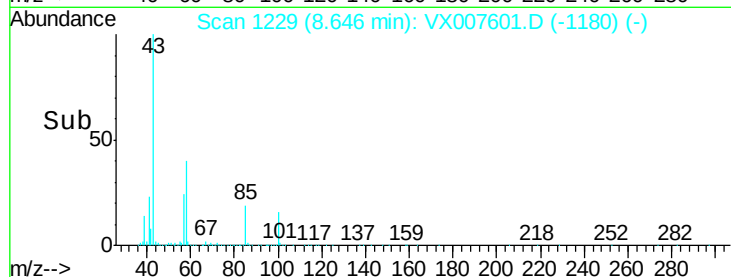
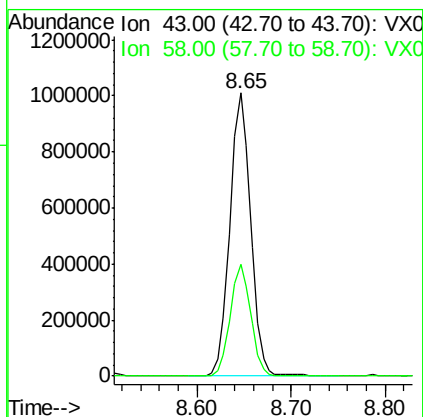
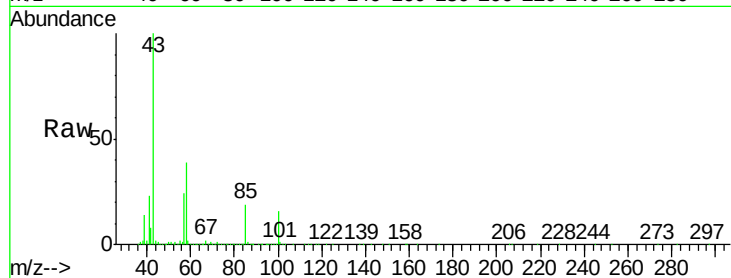
VSTDCCC050

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#52

Toluene

Concen: 50.794 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX007601.D

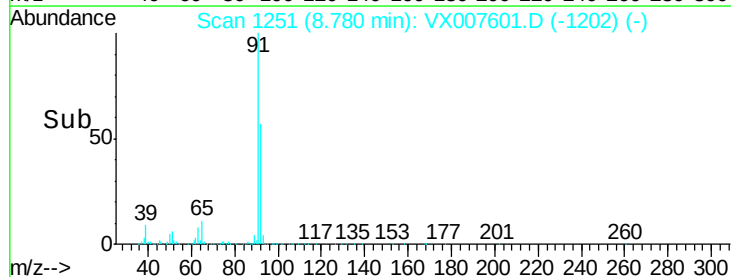
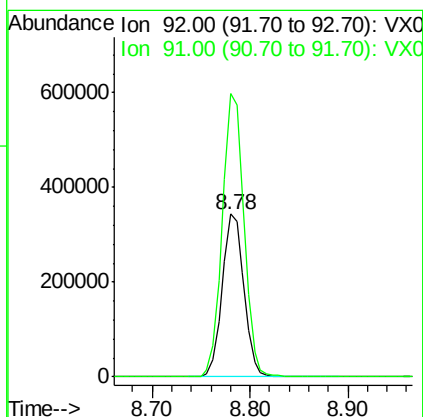
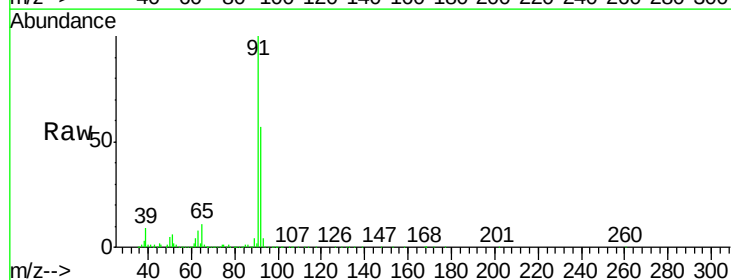
Acq: 19 Feb 2019 09:36

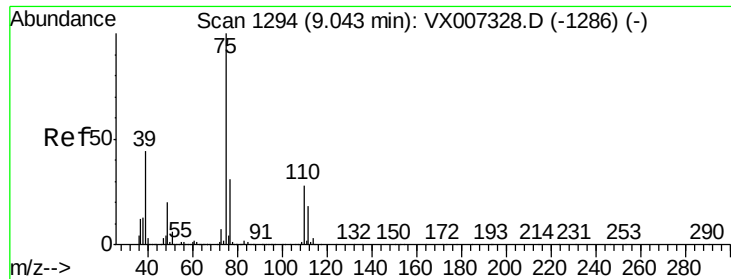
Tgt Ion: 92 Resp: 532768

Ion Ratio Lower Upper

92 100

91 174.4 139.1 208.7





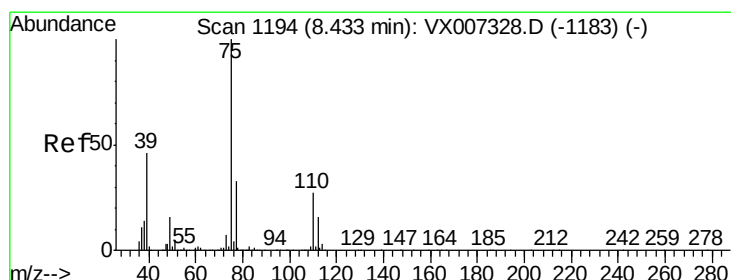
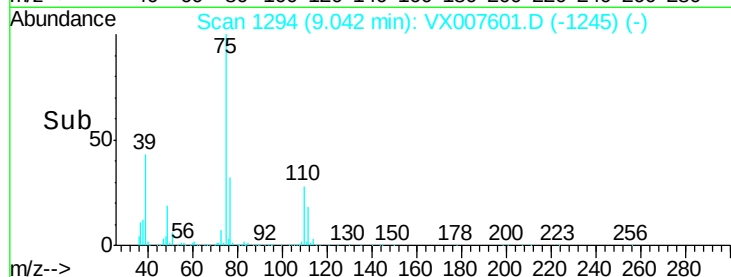
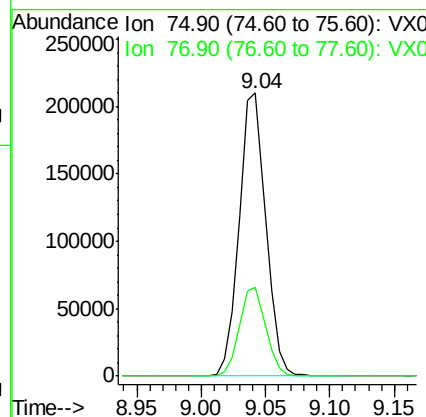
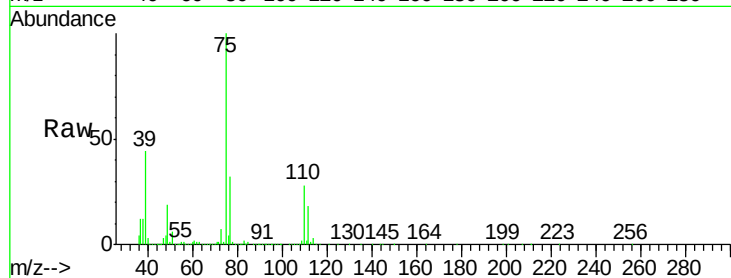
#53
t-1,3-Dichloropropene
Concen: 56.255 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.2	37.8

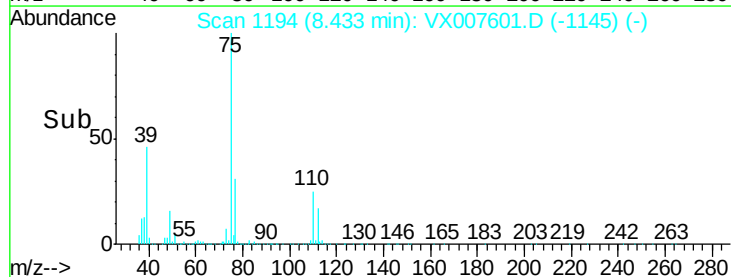
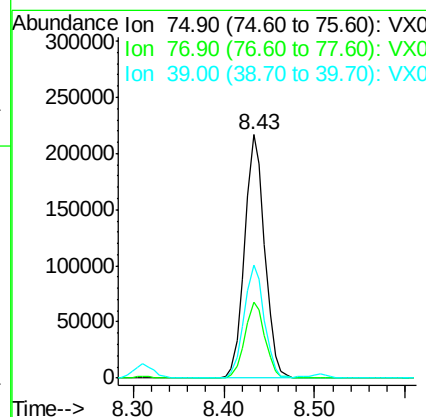
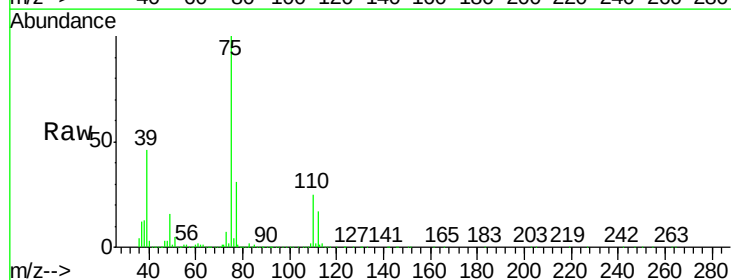
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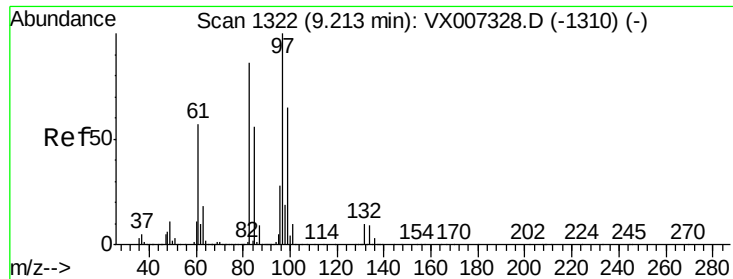
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#54
cis-1,3-Dichloropropene
Concen: 55.911 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	26.2	39.4
39	46.3	37.1	55.7





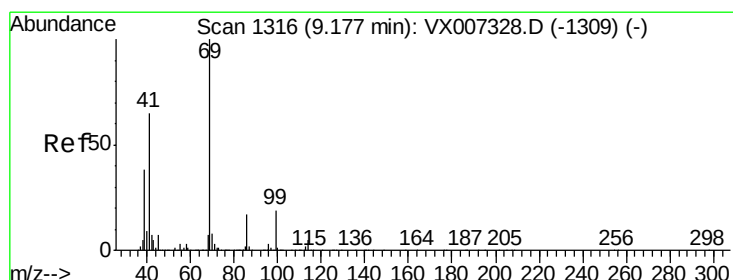
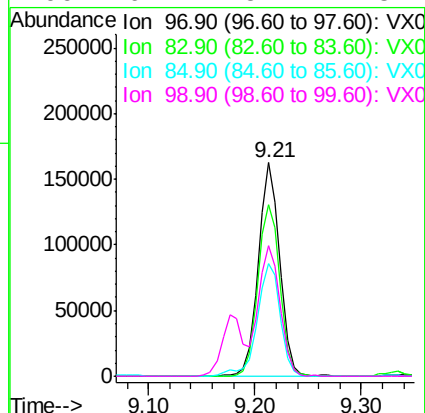
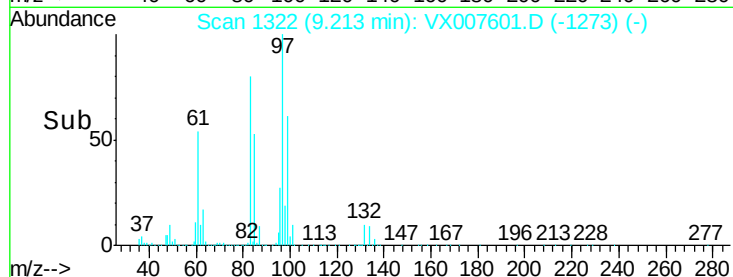
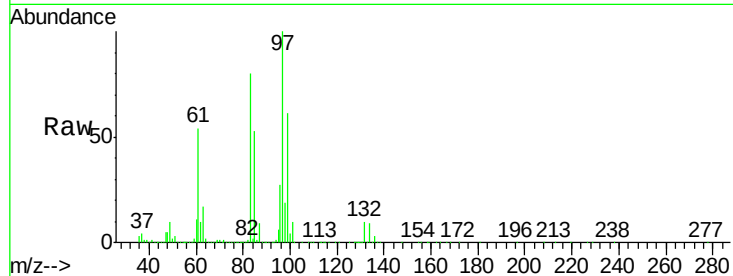
#55
 1,1,2-Trichloroethane
 Concen: 52.469 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007601.D
 Acq: 19 Feb 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		229400		
83	80.2	68.6	102.8		
85	52.8	44.5	66.7		
99	61.1	52.2	78.4		

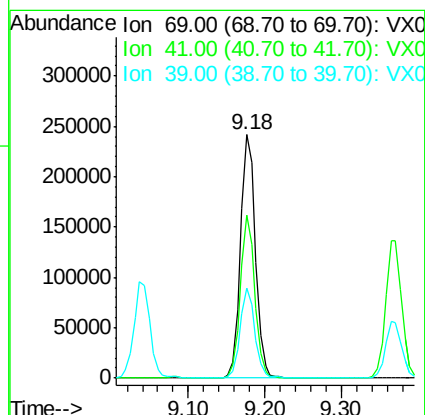
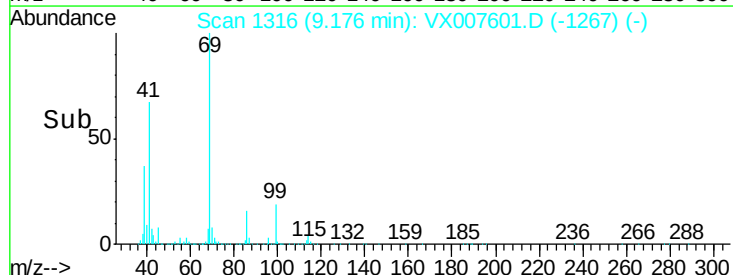
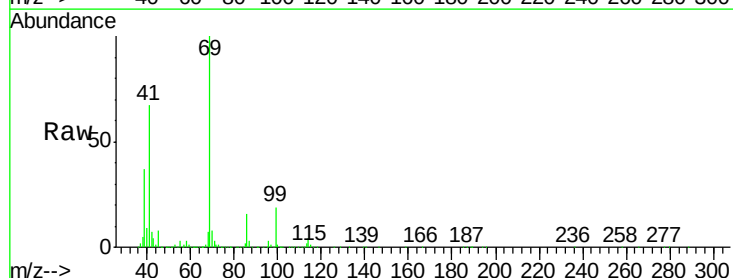
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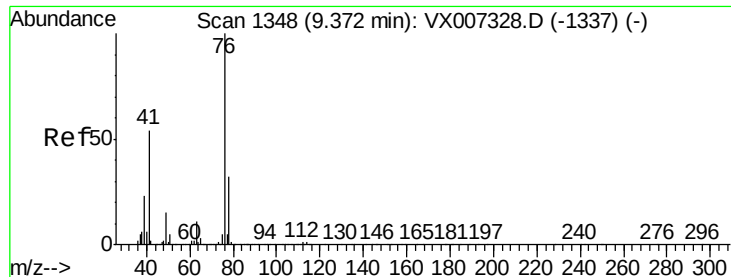
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#56
 Ethyl methacrylate
 Concen: 53.837 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007601.D
 Acq: 19 Feb 2019 09:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		326010		
41	64.3	52.1	78.1		
39	36.7	30.1	45.1		





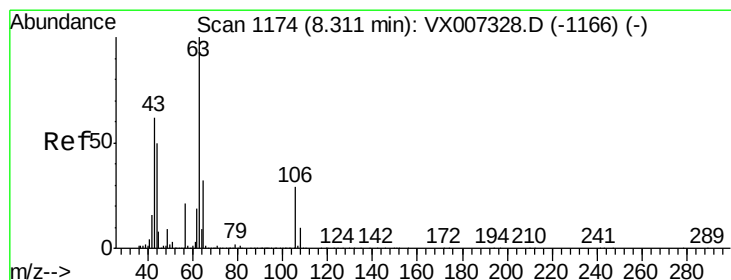
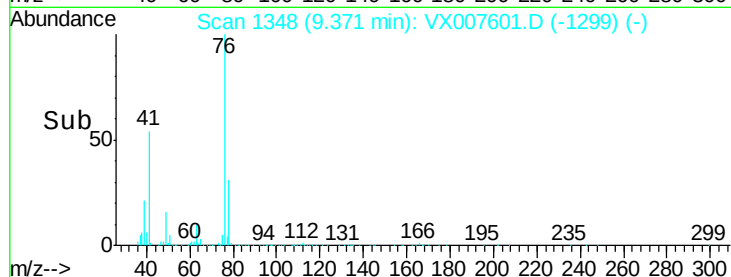
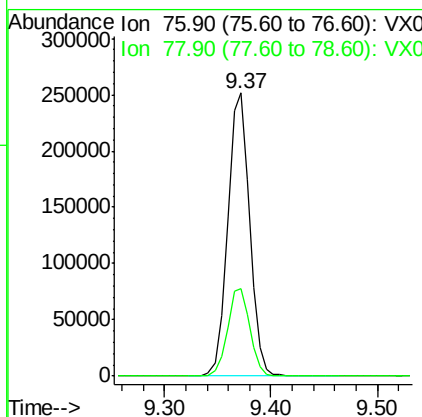
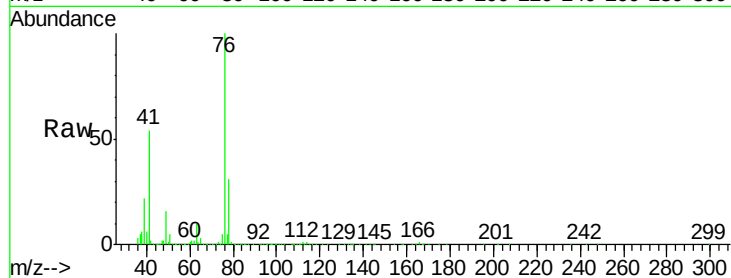
#57
 1,3-Dichloropropane
 Concen: 52.046 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007601.D
 Acq: 19 Feb 2019 09:36

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.8	38.8

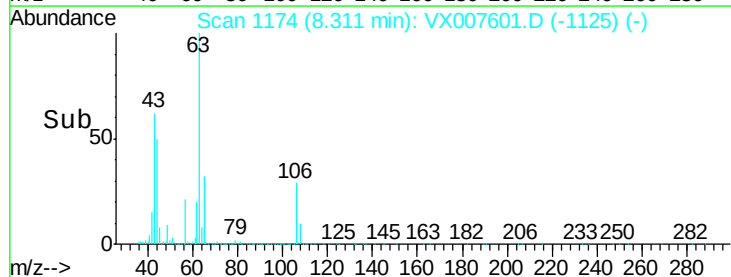
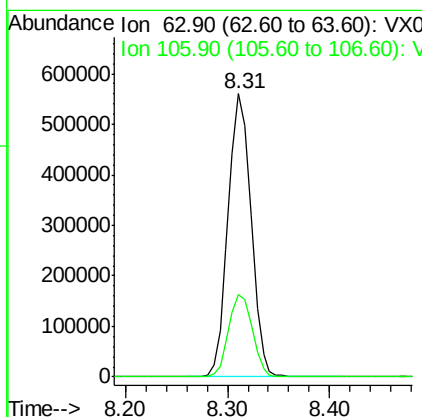
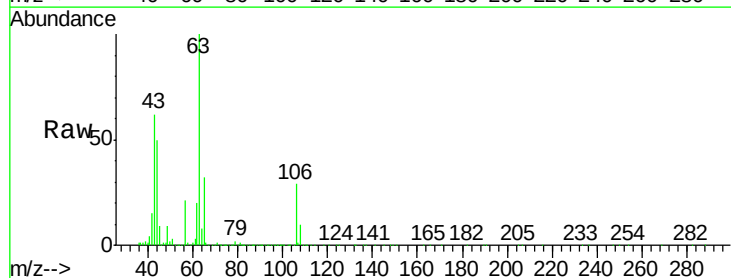
Manual Integrations
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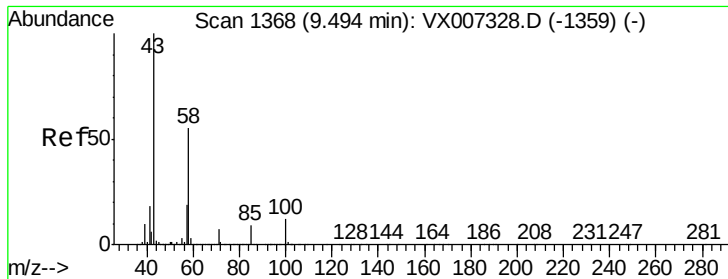
MMDadoda
 2/20/2019 10:33:54 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 274.650 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007601.D
 Acq: 19 Feb 2019 09:36

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.0	23.6	35.4





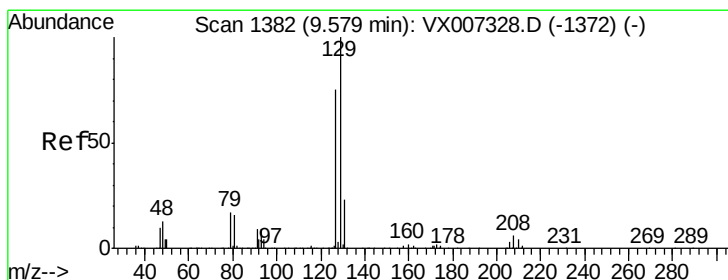
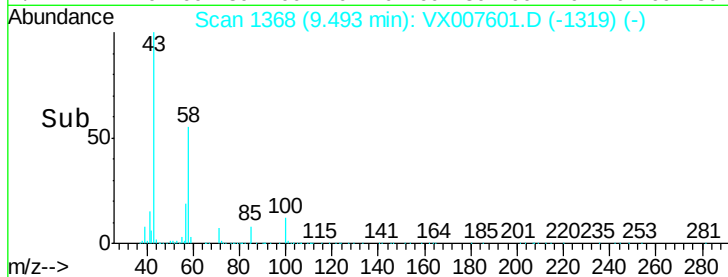
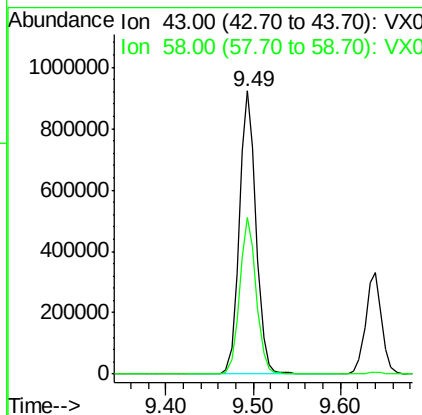
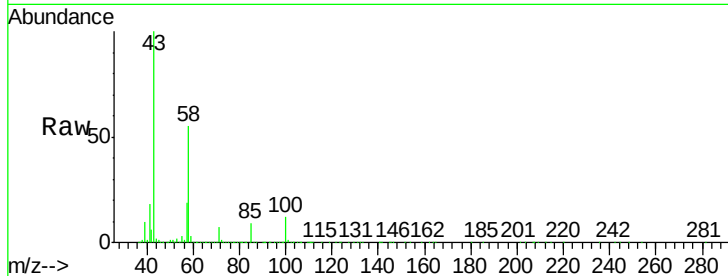
#59
2-Hexanone
Concen: 279.407 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1232513
Ion Ratio Lower Upper
43 100
58 54.6 27.1 81.3

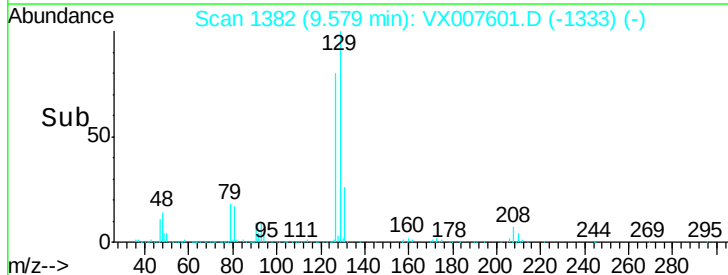
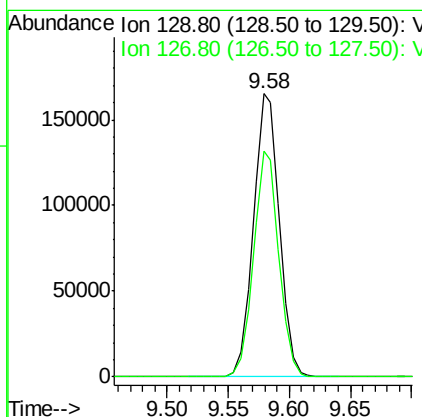
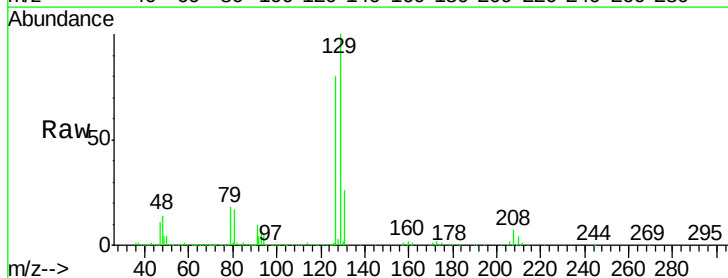
Manual Integrations
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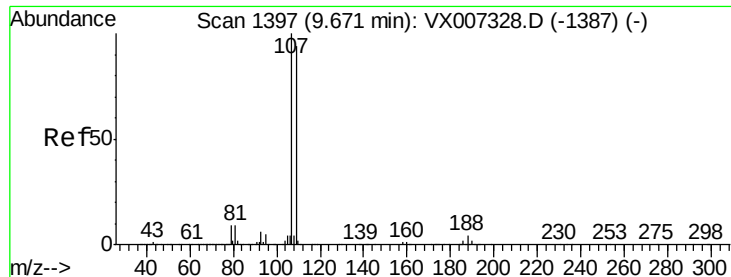
MMDadoda
2/20/2019 10:33:54 AM



#60
Dibromochloromethane
Concen: 59.053 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion: 129 Resp: 244184
Ion Ratio Lower Upper
129 100
127 77.9 37.8 113.4





#61

1,2-Dibromoethane

Concen: 52.620 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 243637

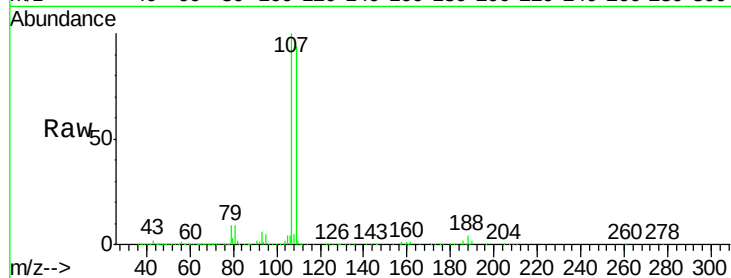
Ion Ratio Lower Upper

107 100

109 94.0 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

200000

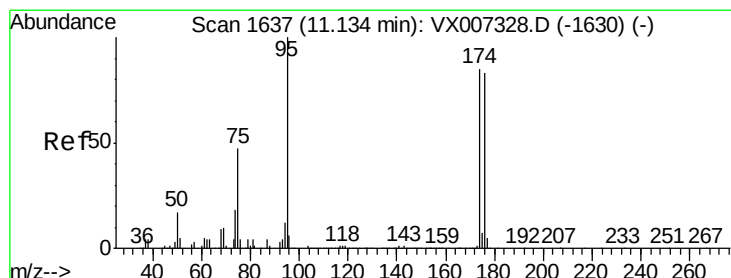
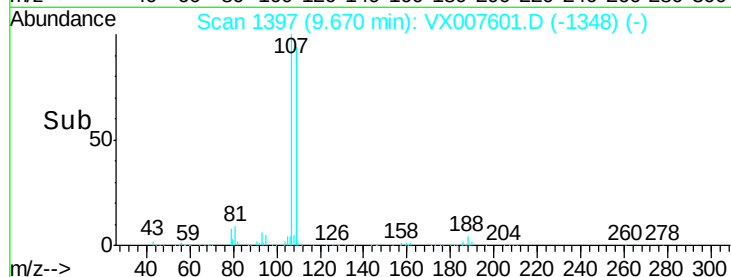
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.309 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

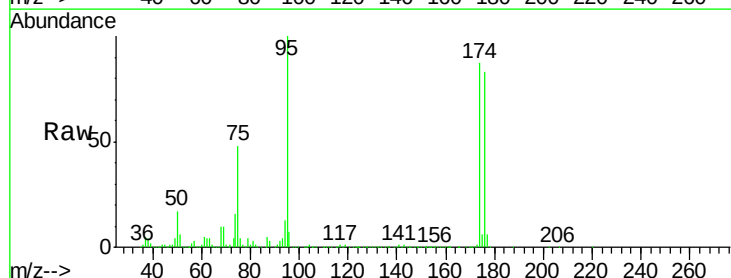
Tgt Ion: 95 Resp: 267317

Ion Ratio Lower Upper

95 100

174 94.4 0.0 189.2

176 90.7 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

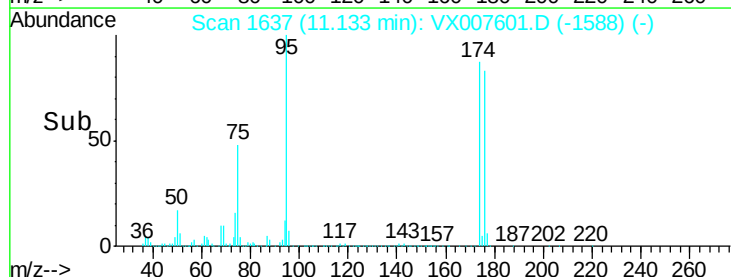
150000

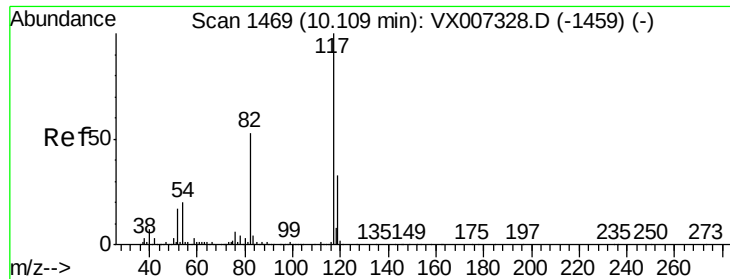
100000

50000

0

Time-->





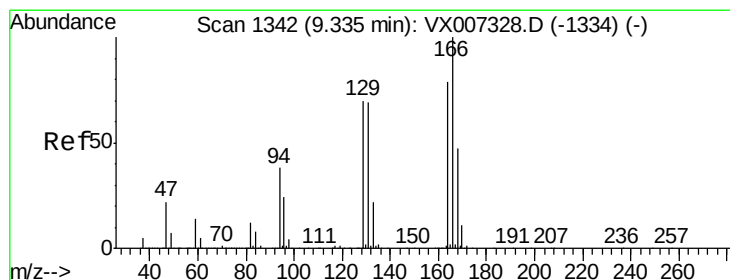
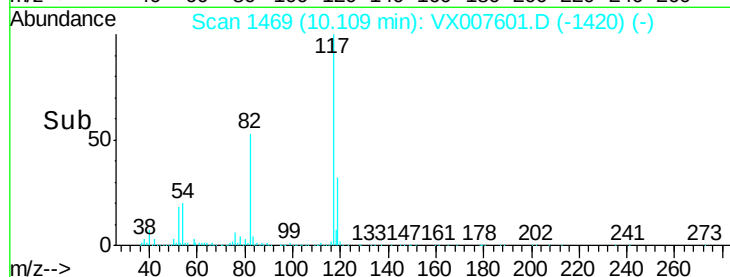
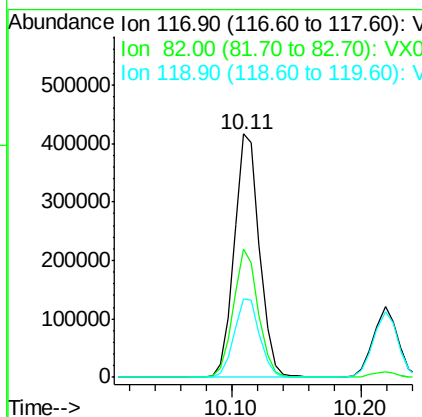
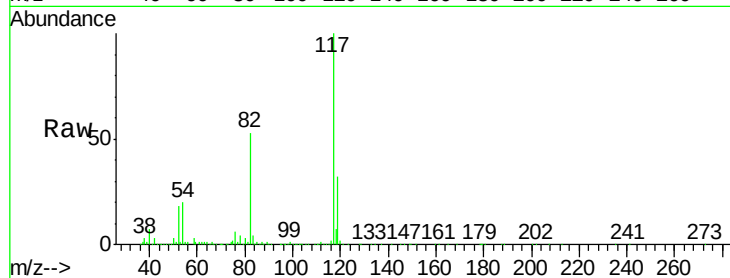
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.1	63.1
119	32.2	26.5	39.7

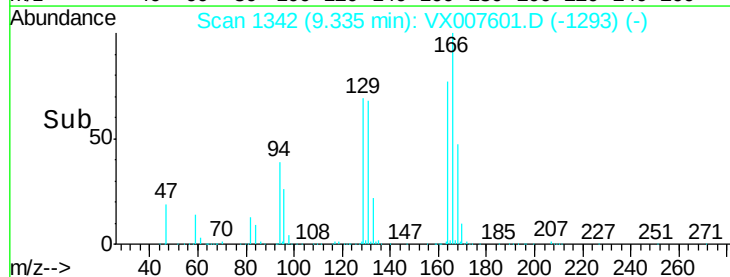
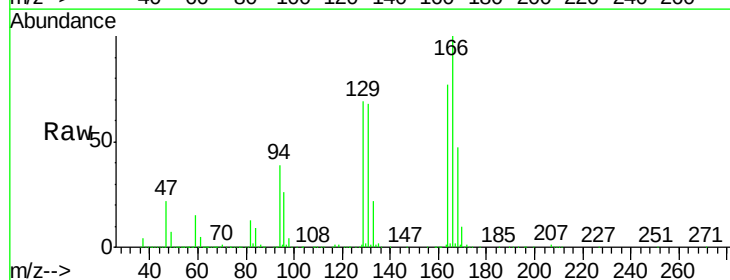
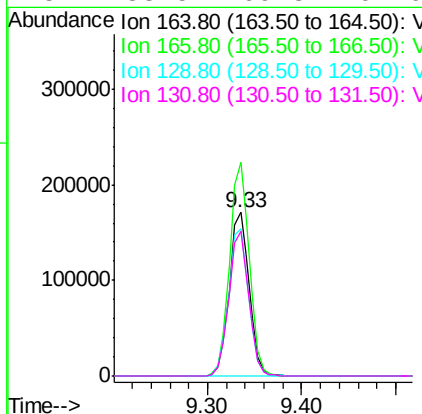
Manual Integrations
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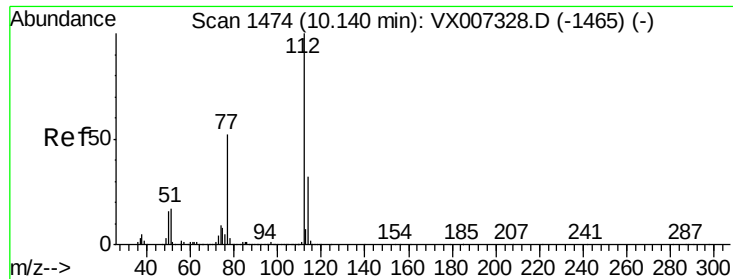
MMDadoda
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#64
Tetrachloroethene
Concen: 46.868 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.4	101.0	151.4
129	90.2	70.5	105.7
131	88.5	69.8	104.6





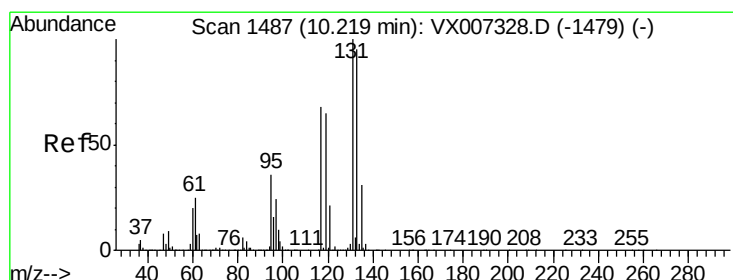
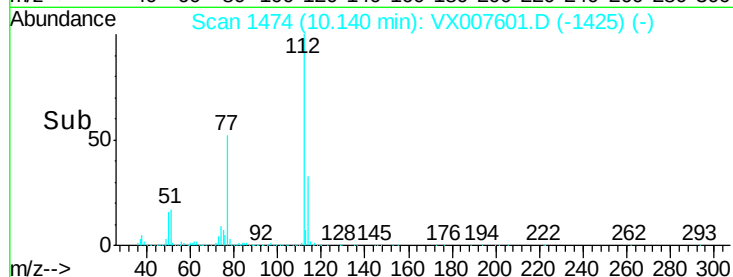
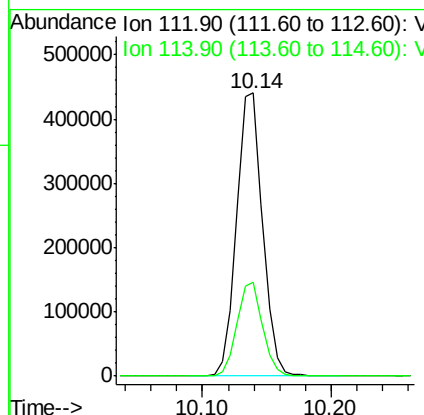
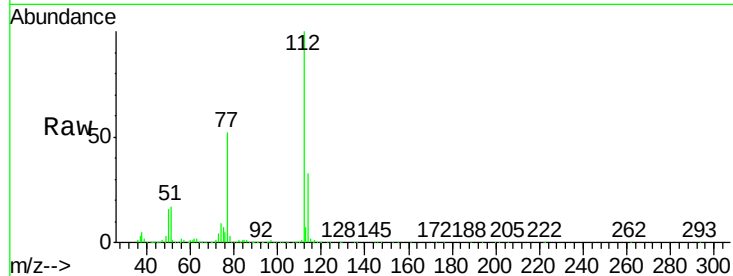
#65
Chlorobenzene
Concen: 50.114 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	25.8	38.6

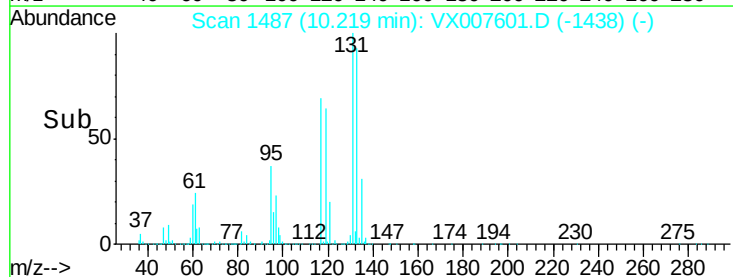
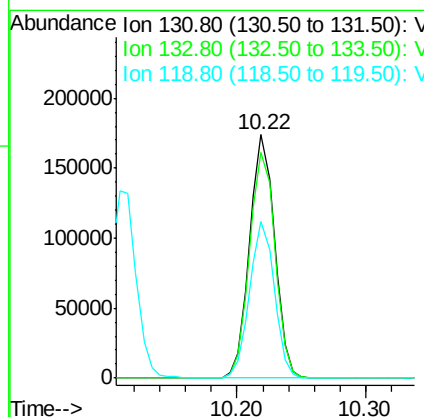
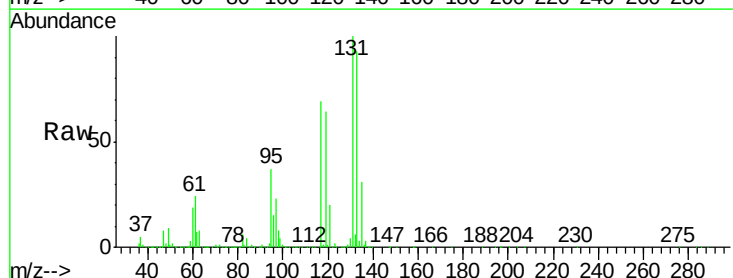
Manual Integrations
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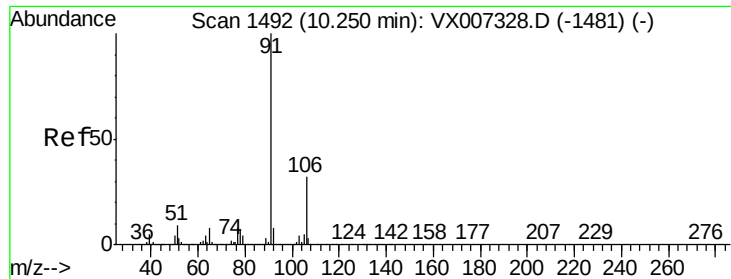
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.869 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	48.0	144.2
119	63.9	32.0	96.0





#67

Ethyl Benzene

Concen: 51.666 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1031198

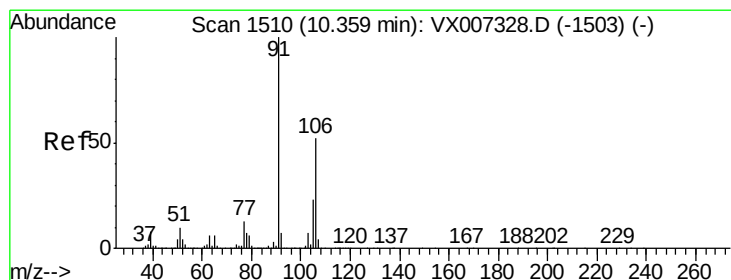
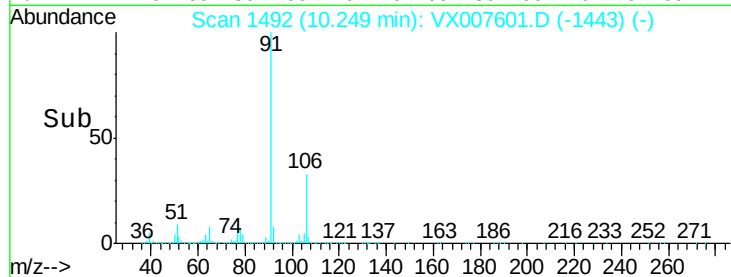
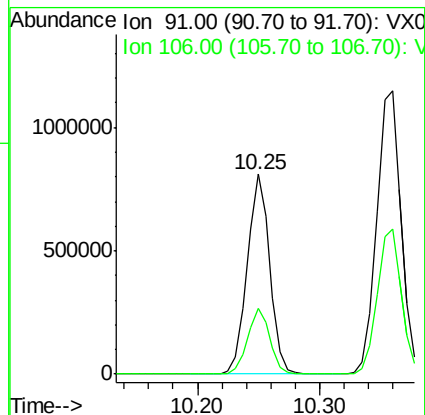
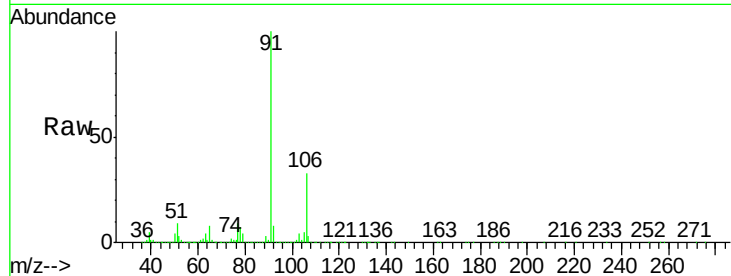
Ion Ratio Lower Upper

91 100

106 32.7 25.4 38.0

Manual Integrations
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#68

m/p-Xylenes

Concen: 102.388 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007601.D

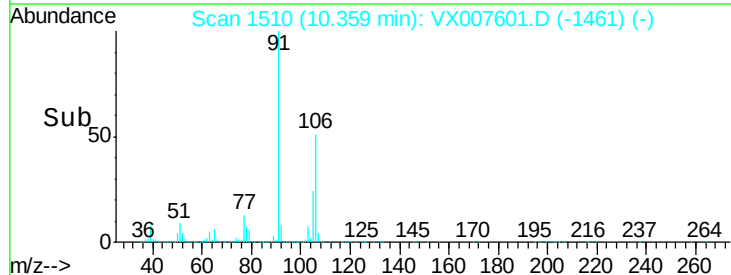
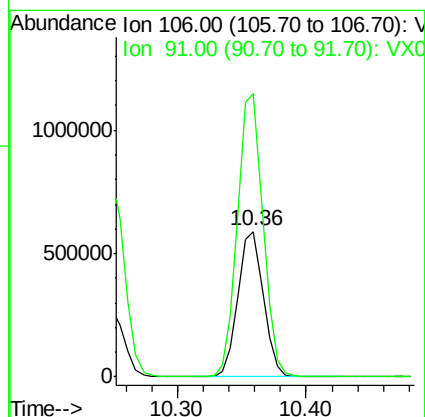
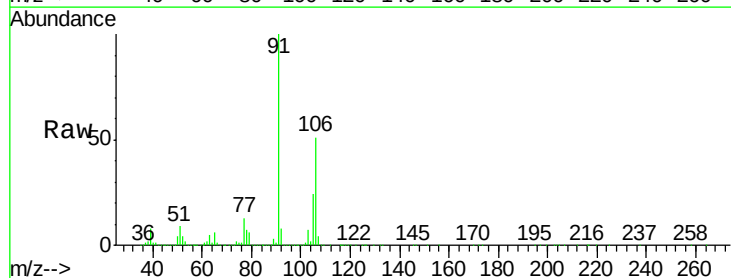
Acq: 19 Feb 2019 09:36

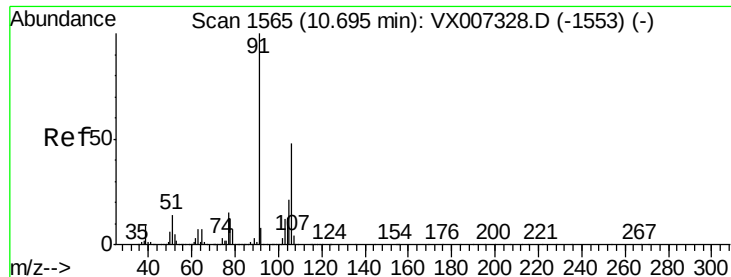
Tgt Ion: 106 Resp: 812339

Ion Ratio Lower Upper

106 100

91 196.3 156.6 234.8





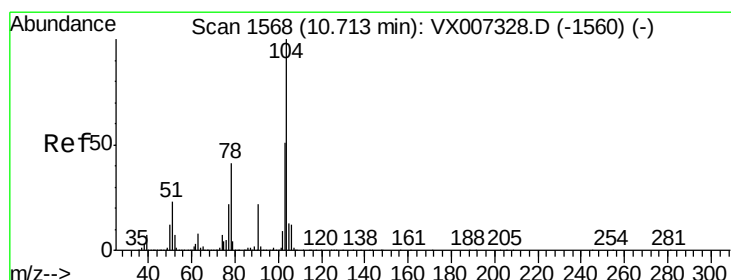
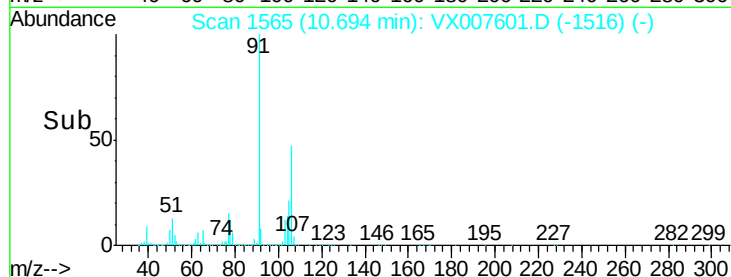
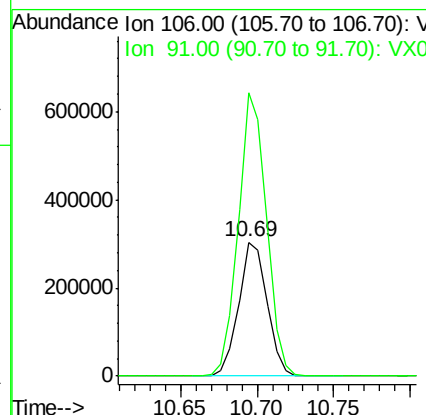
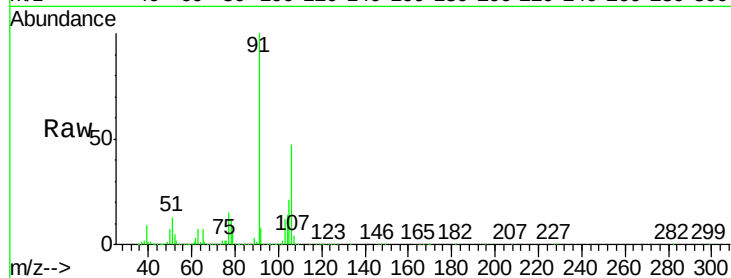
#69
o-Xylene
Concen: 51.205 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.6	102.9	308.7

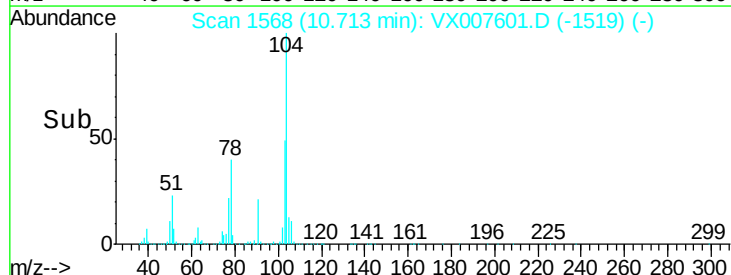
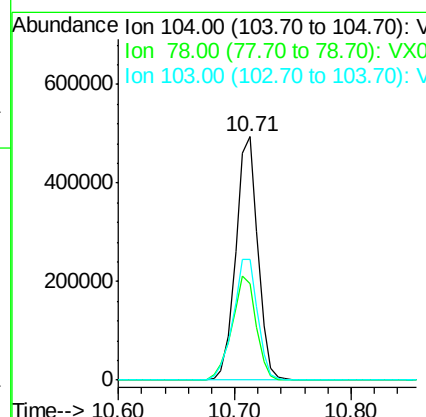
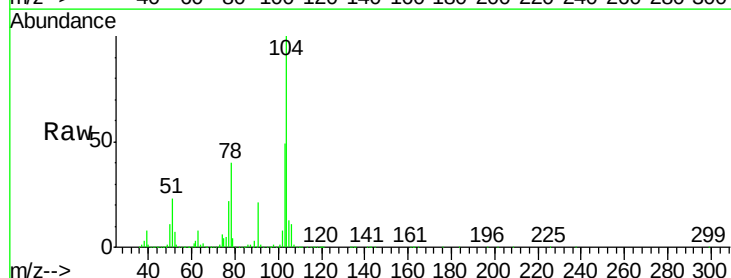
Manual Integrations
APPROVED

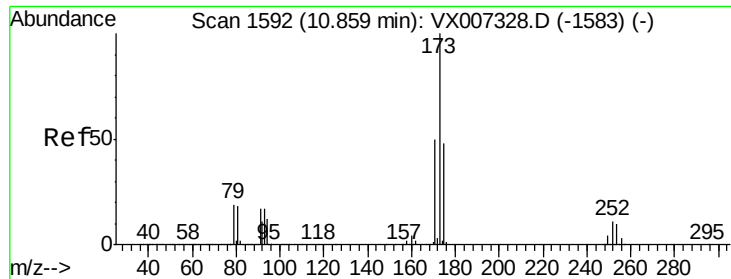
MMDadoda
2/20/2019 10:33:54 AM



#70
Styrene
Concen: 52.713 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.9	38.3	57.5
103	55.3	44.6	67.0





#71

Bromoform

Concen: 50.641 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

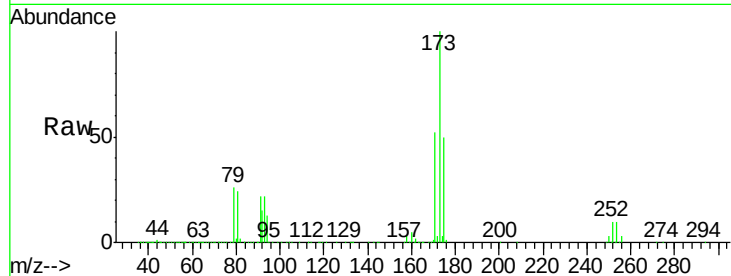
ClientSampleId :

VSTDCCC050

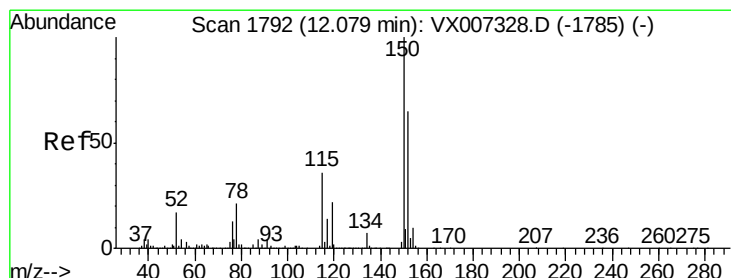
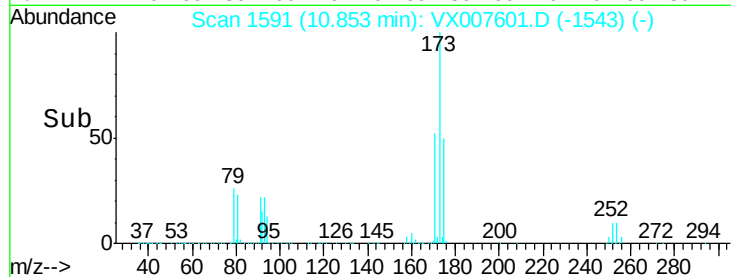
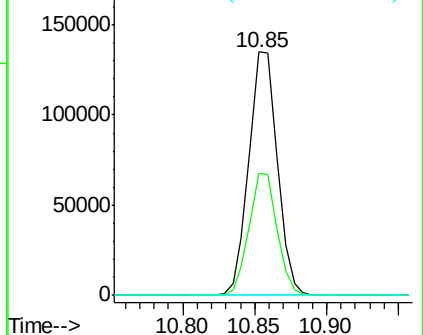
Tot Ion:	173	Resp:	184767
Ion Ratio	Lower	Upper	
173	100		
175	49.4	24.2	72.6
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

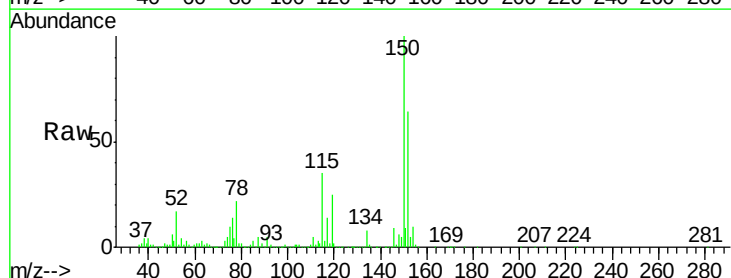
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

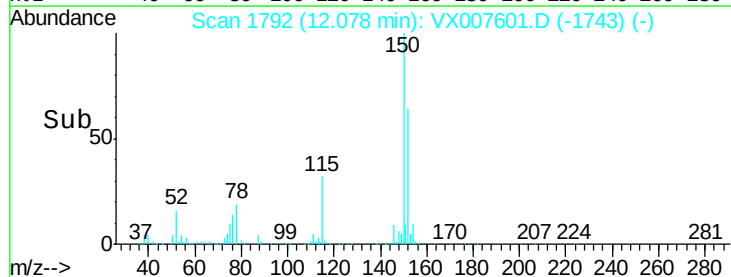
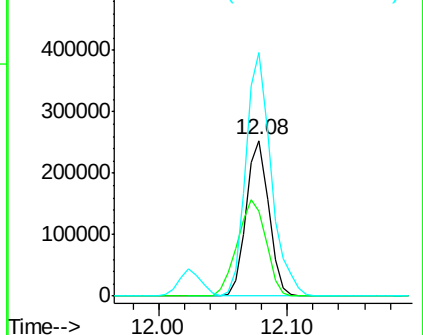
Lab File: VX007601.D

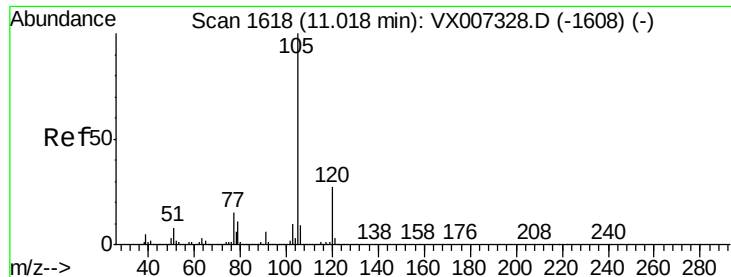
Acq: 19 Feb 2019 09:36

Tgt Ion:	152	Resp:	305208
Ion Ratio	Lower	Upper	
152	100		
115	79.0	38.0	114.0
150	174.4	0.0	346.4



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





#73

Isopropylbenzene

Concen: 51.660 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1071462

Ion Ratio Lower Upper

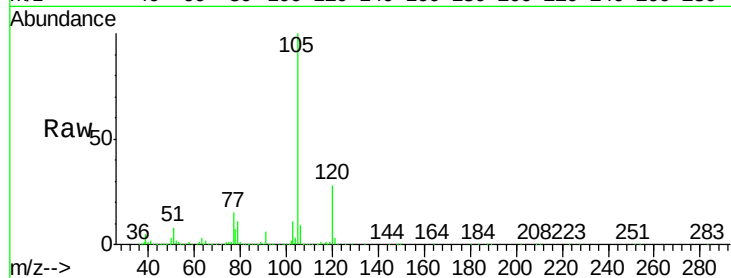
105 100

120 27.6 13.6 40.7

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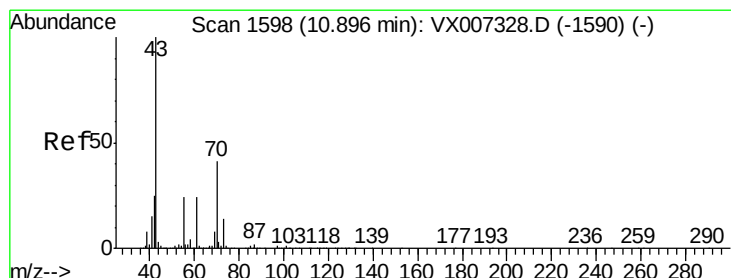
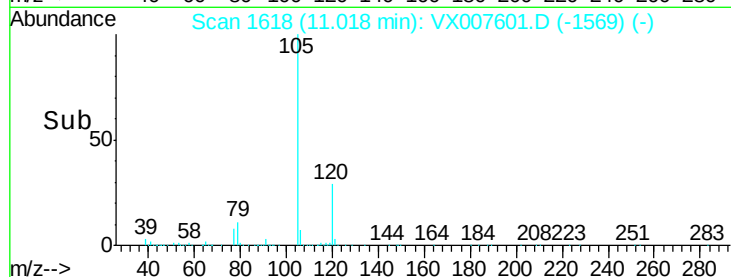
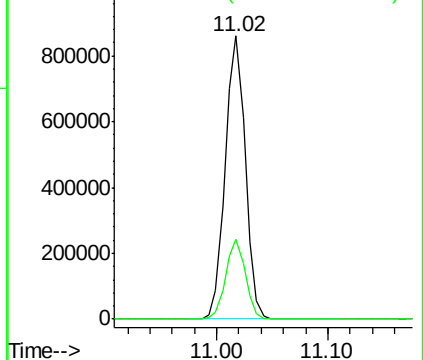
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.600 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Tgt Ion: 43 Resp: 413942

Ion Ratio Lower Upper

43 100

70 42.8 33.8 50.6

55 24.3 19.5 29.3

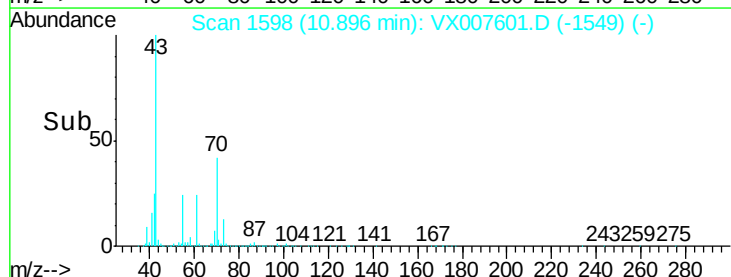
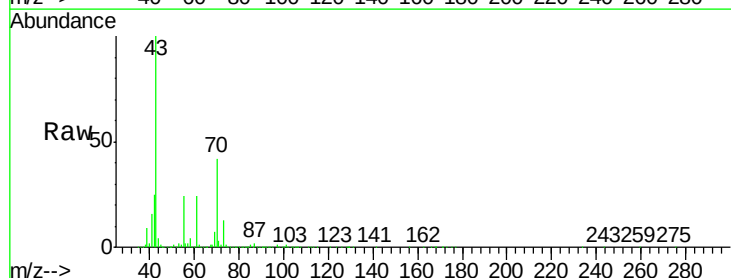
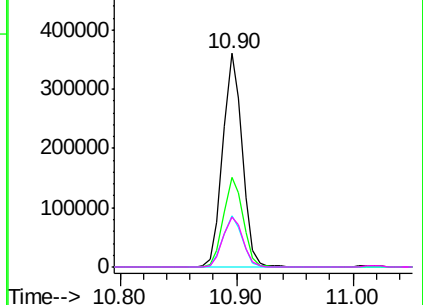
61 24.2 19.4 29.2

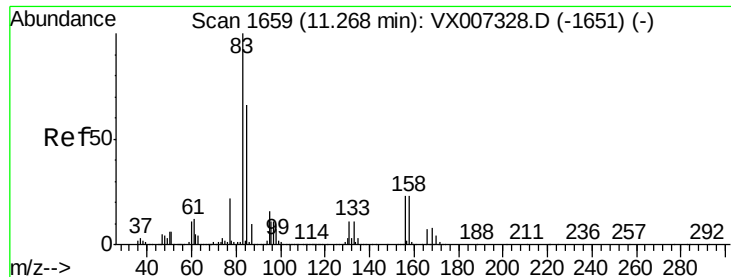
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.559 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

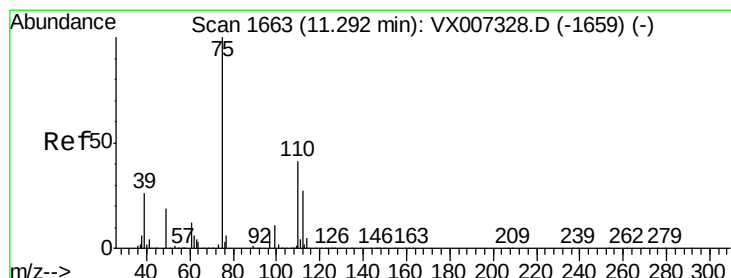
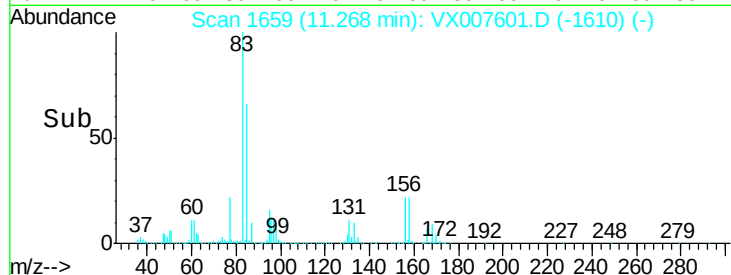
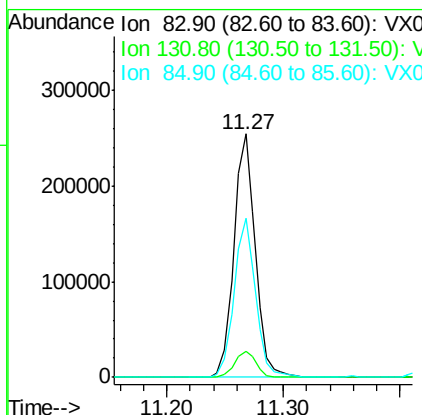
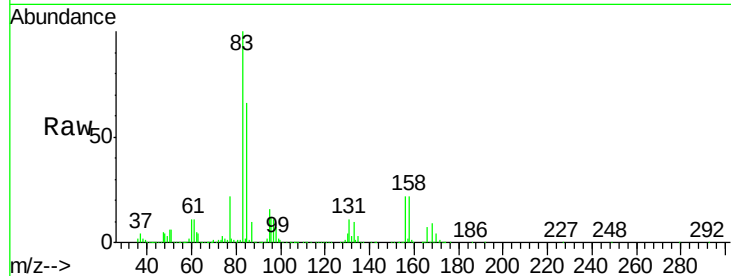
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	325897
Ion Ratio		Lower	Upper
83	100		
131	11.0	5.7	17.0
85	65.8	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.718 ug/l m

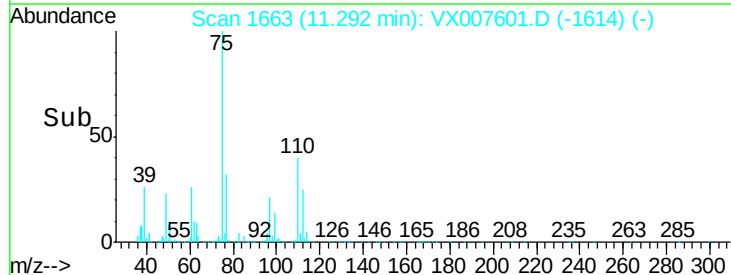
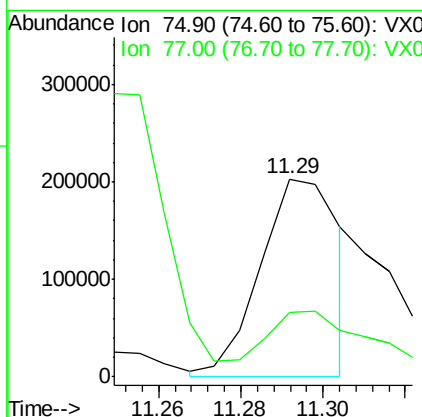
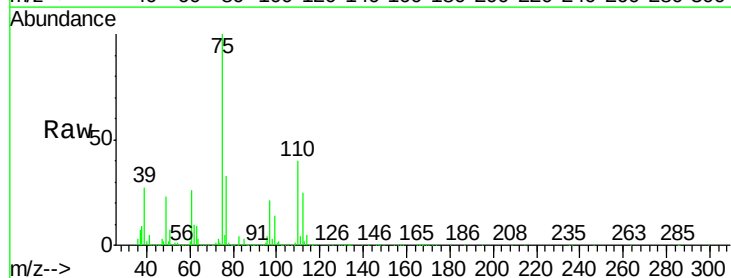
RT: 11.29 min Scan# 1663

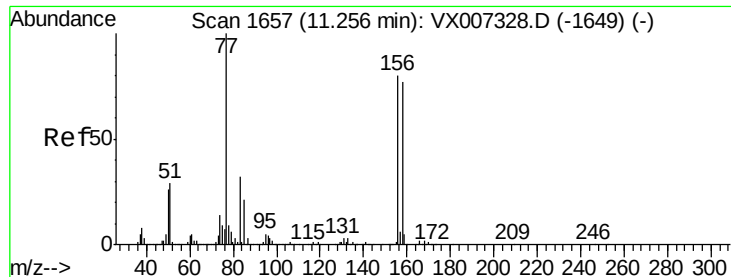
Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Tgt Ion:	75	Resp:	271410
Ion Ratio		Lower	Upper
75	100		
77	45.8	23.0	69.0





#77

Bromobenzene

Concen: 48.976 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

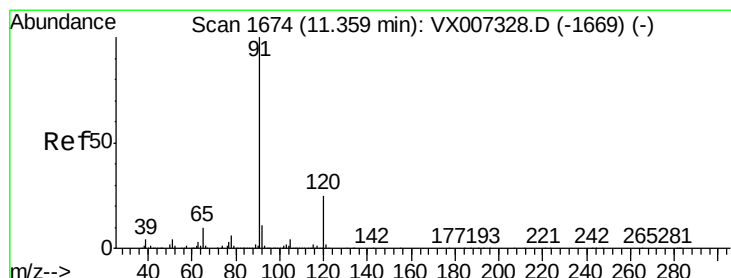
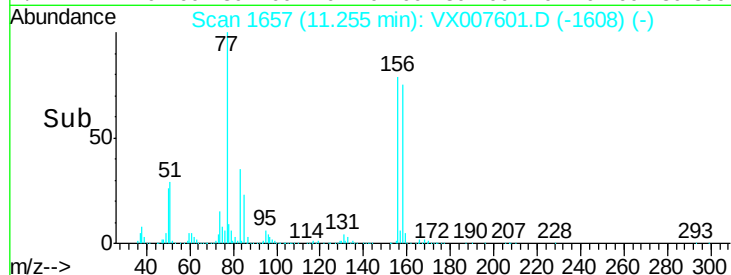
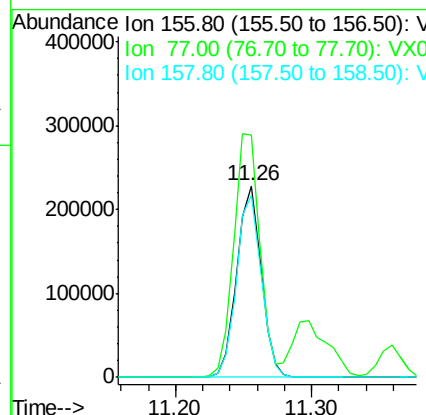
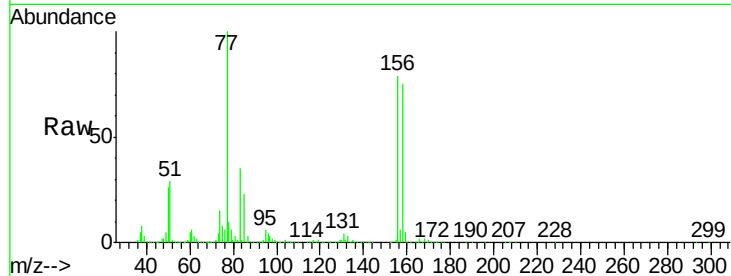
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	286205
Ion Ratio	Lower	Upper	
156	100		
77	135.4	66.8	200.6
158	96.6	47.9	143.8

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#78

n-propylbenzene

Concen: 53.613 ug/l

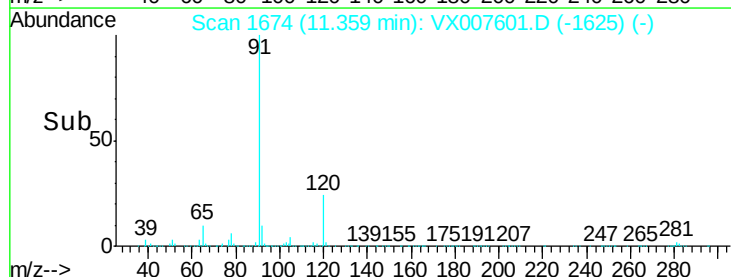
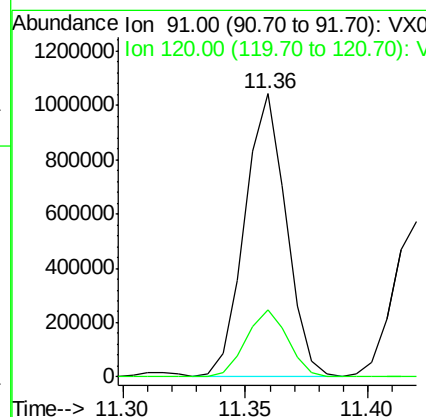
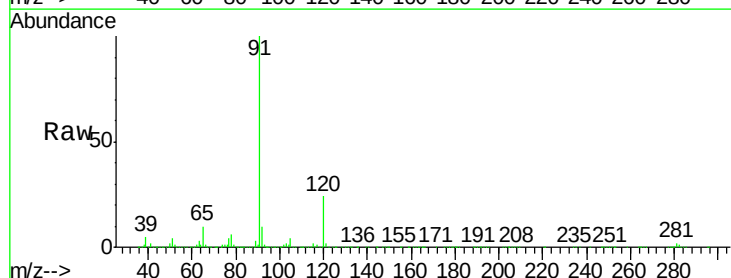
RT: 11.36 min Scan# 1674

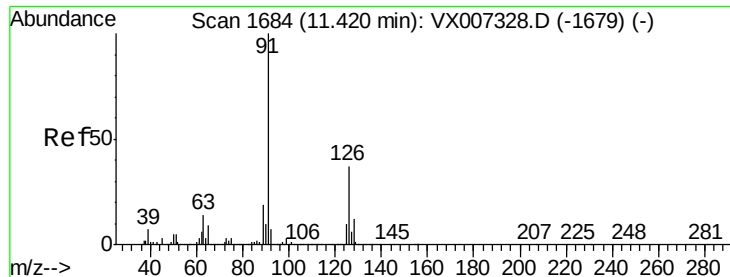
Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Tgt Ion:	91	Resp:	1219326
Ion Ratio	Lower	Upper	
91	100		
120	24.1	12.4	37.2





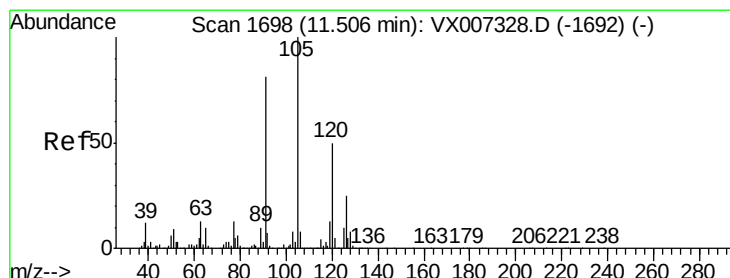
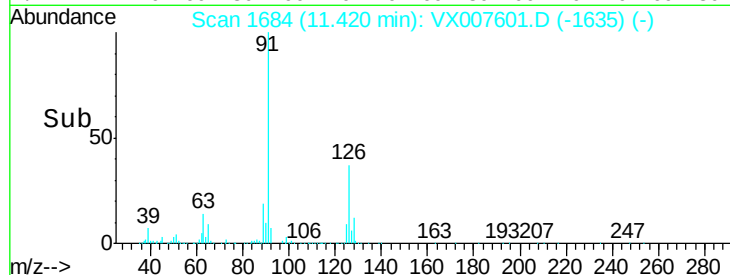
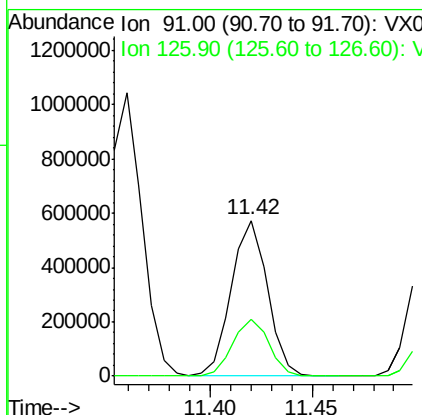
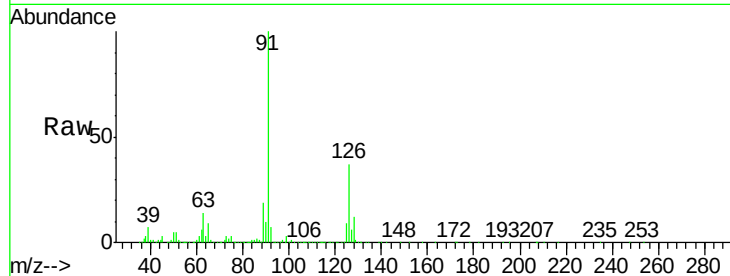
#79
 2-Chlorotoluene
 Concen: 50.599 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007601.D
 Acq: 19 Feb 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 698276
 Ion Ratio Lower Upper
 91 100
 126 37.1 18.7 56.1

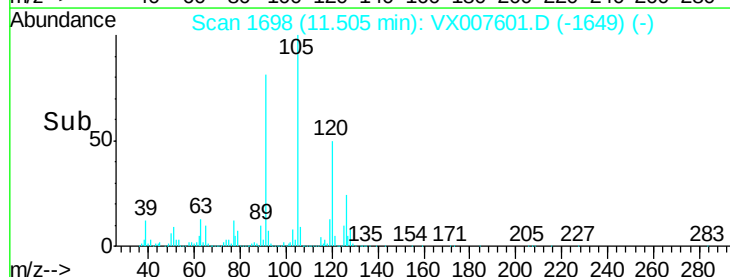
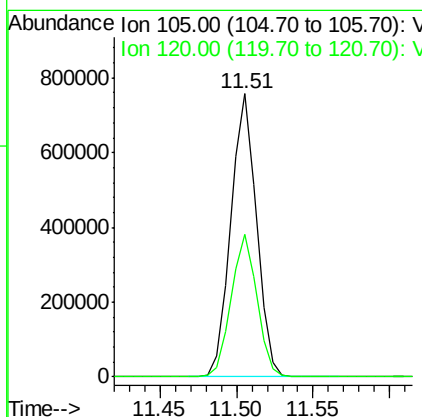
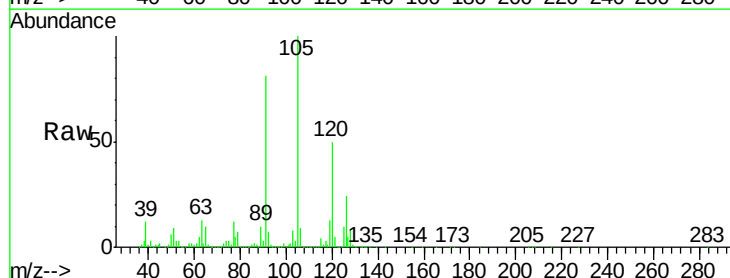
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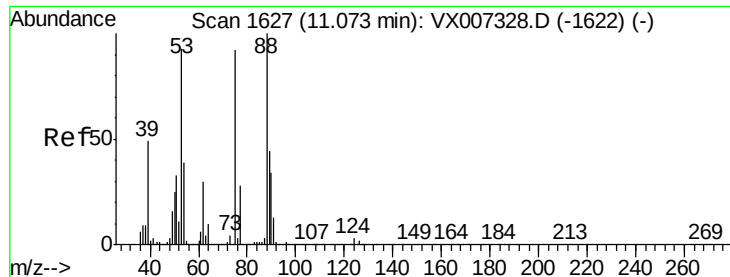
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.805 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007601.D
 Acq: 19 Feb 2019 09:36

Tgt Ion: 105 Resp: 879044
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.3 75.8





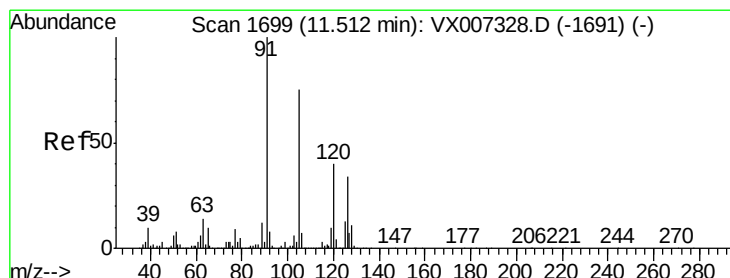
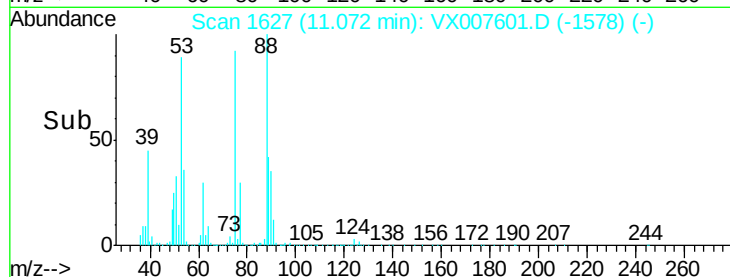
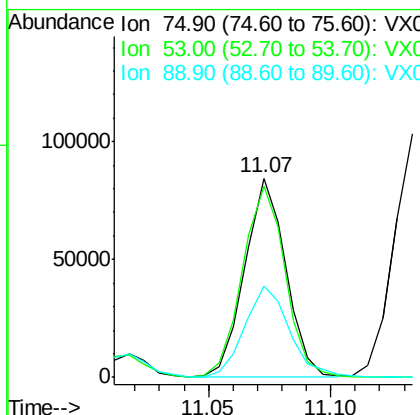
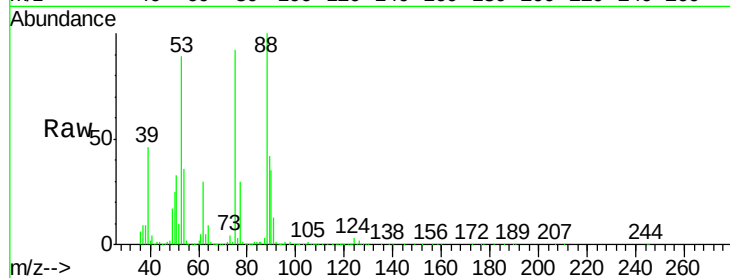
#81
trans-1,4-Dichloro-2-butene
Concen: 51.214 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.1	81.0	121.6
89	50.7	41.4	62.0

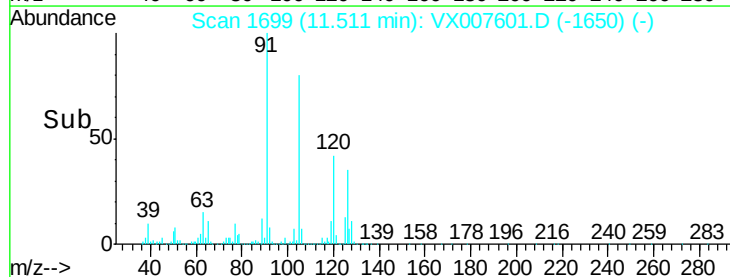
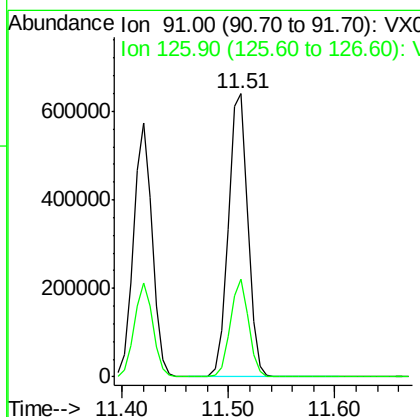
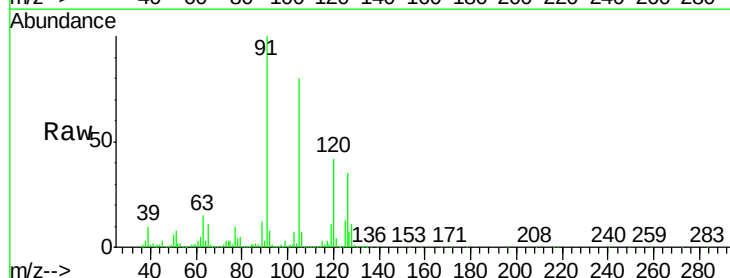
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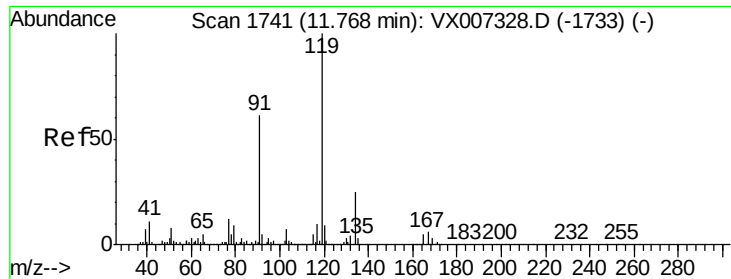
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2/20/2019 10:33:54 AM



#82
4-Chlorotoluene
Concen: 51.480 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.2	48.5





#83

tert-Butylbenzene

Concen: 51.979 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

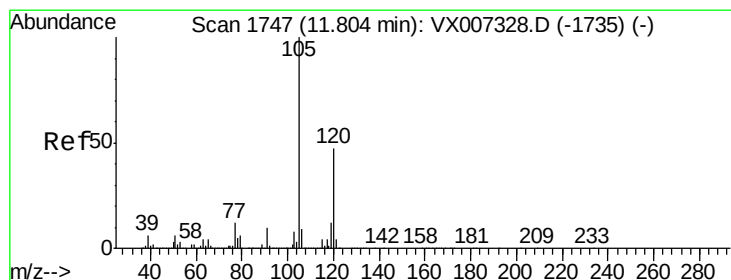
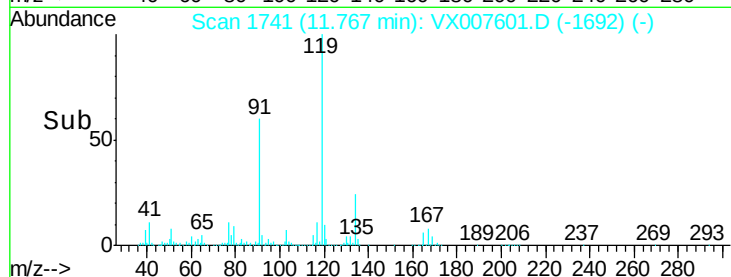
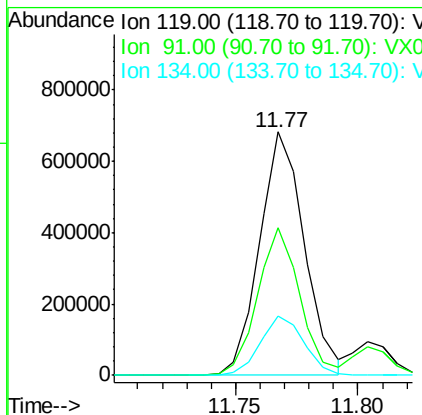
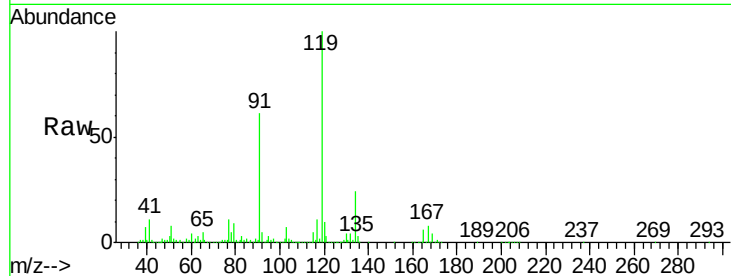
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	873225
Ion Ratio	Lower	Upper	
119	100		
91	57.0	28.5	85.6
134	23.7	12.0	36.0

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#84

1,2,4-Trimethylbenzene

Concen: 52.300 ug/l

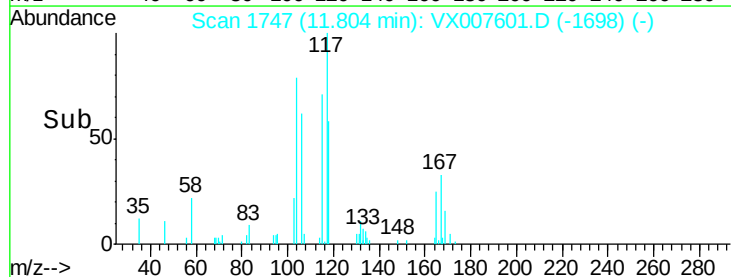
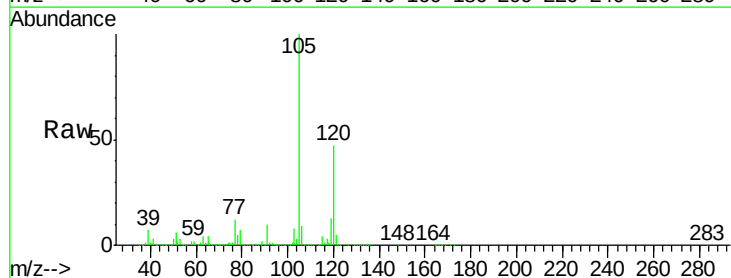
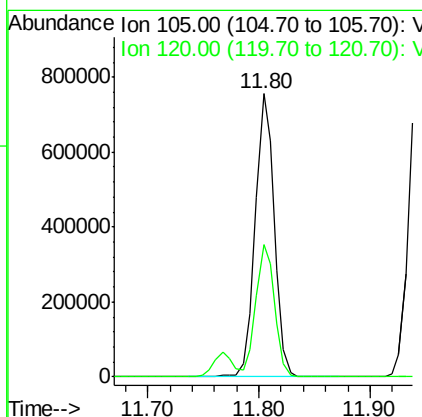
RT: 11.80 min Scan# 1747

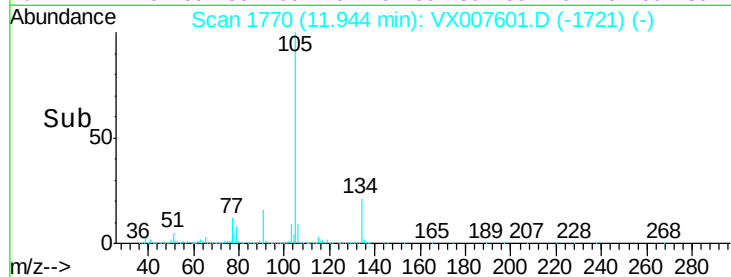
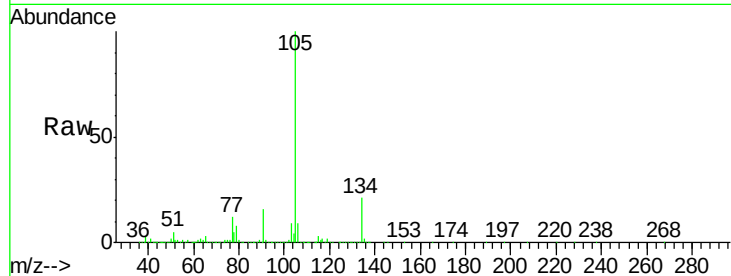
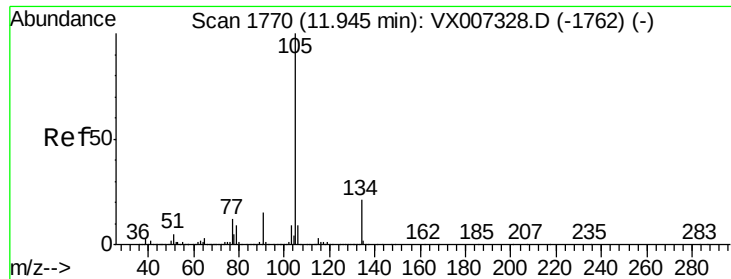
Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Tgt Ion:	105	Resp:	900965
Ion Ratio	Lower	Upper	
105	100		
120	45.9	23.1	69.3





#85

sec-Butylbenzene

Concen: 53.541 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Tot Ion:105 Resp: 1088645

Ion Ratio Lower Upper

105 100

134 21.0 10.6 31.8

Instrument :

MSVOA_X

ClientSampleId :

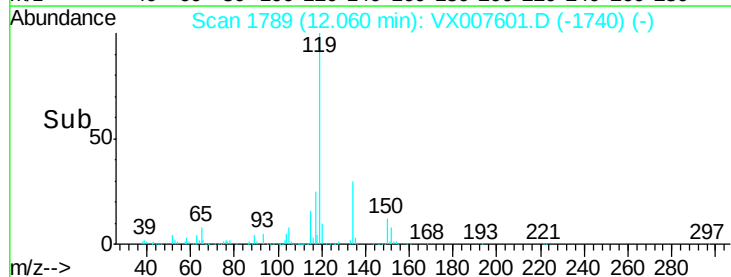
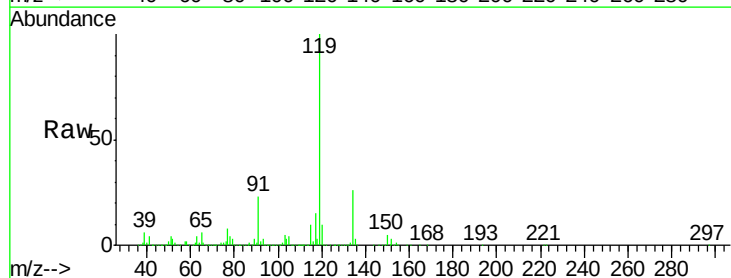
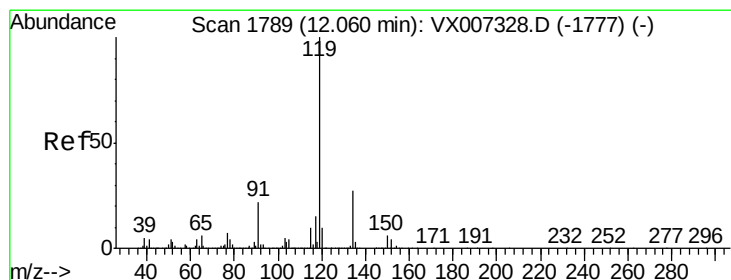
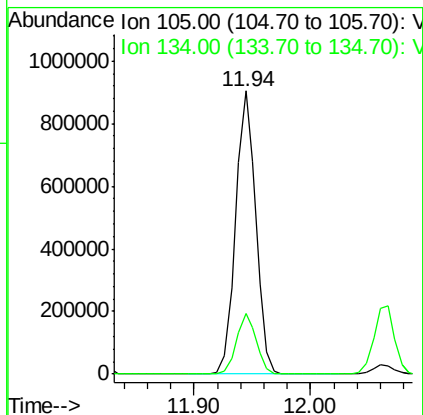
VSTDCCC050

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#86

p-Isopropyltoluene

Concen: 53.222 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

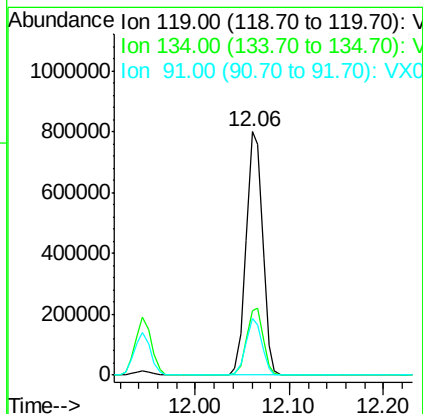
Tgt Ion:119 Resp: 976856

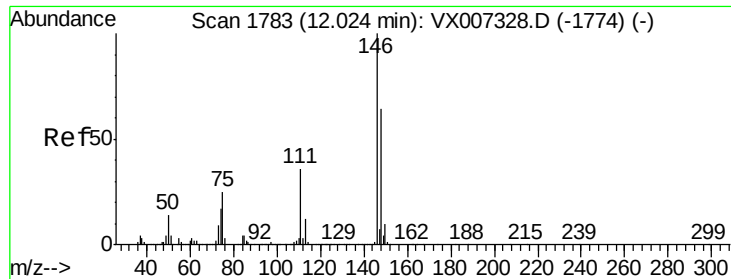
Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.1

91 22.6 11.2 33.5





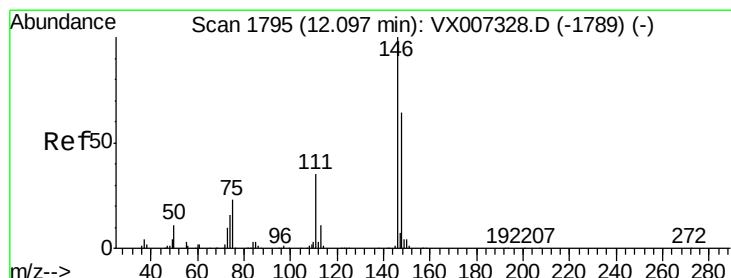
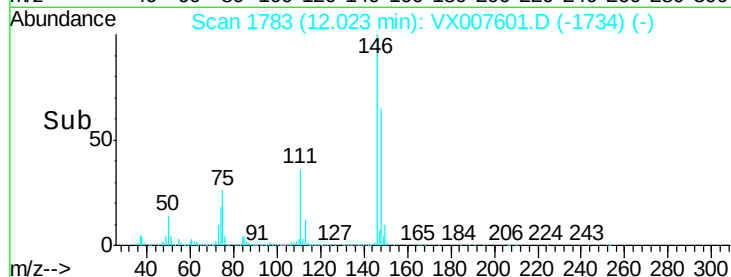
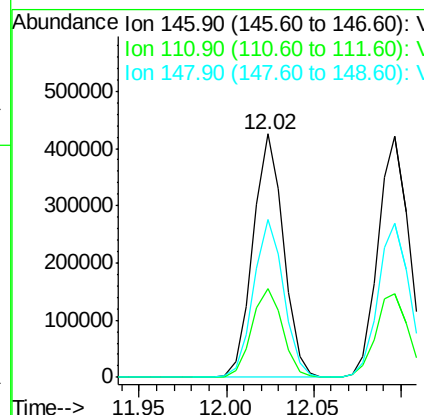
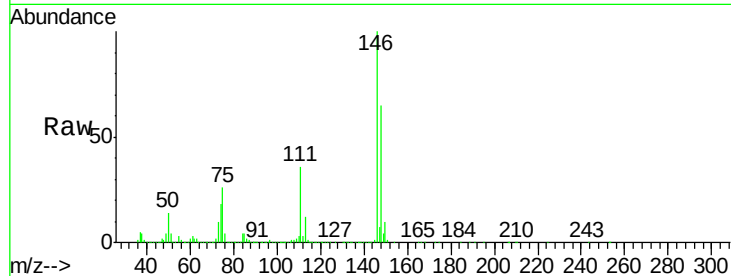
#87
 1,3-Dichlorobenzene
 Concen: 49.117 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007601.D
 Acq: 19 Feb 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.1	54.1
148	64.4	32.0	96.2

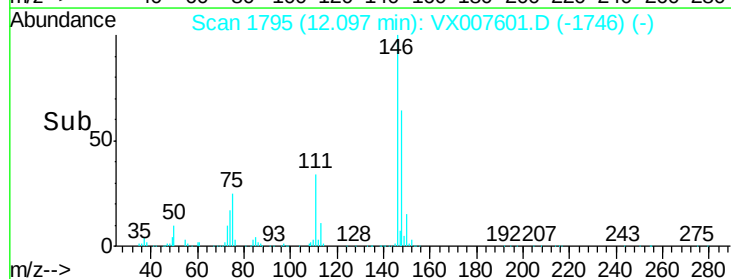
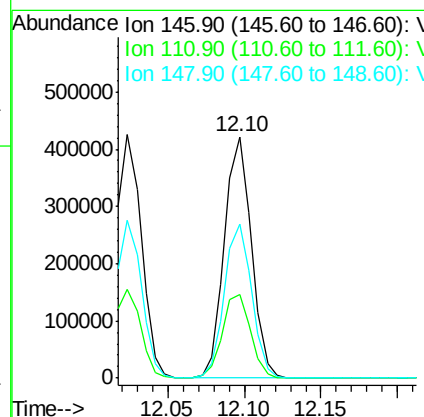
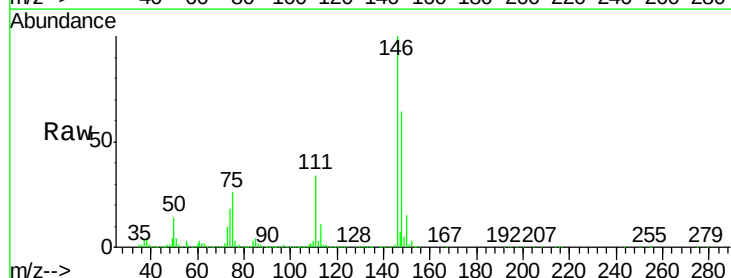
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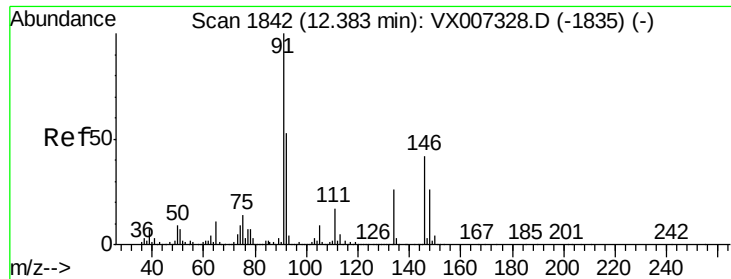
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#88
 1,4-Dichlorobenzene
 Concen: 48.655 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007601.D
 Acq: 19 Feb 2019 09:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.1	54.1
148	64.6	32.3	96.9





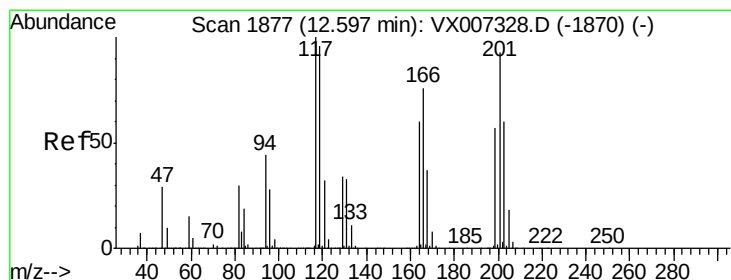
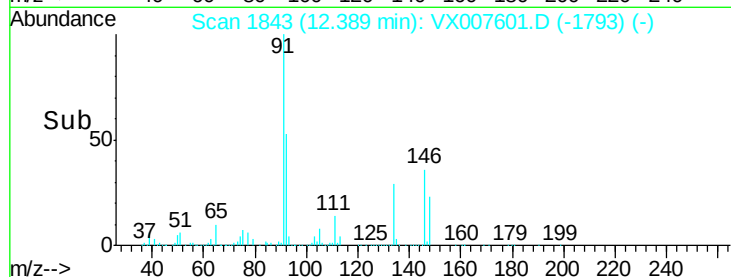
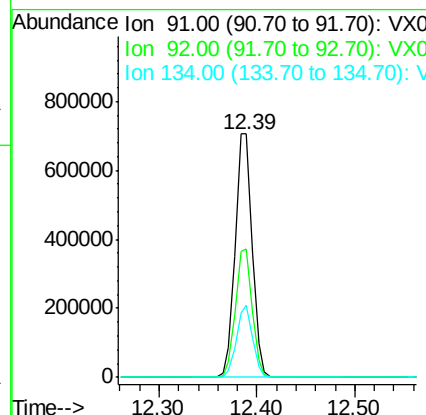
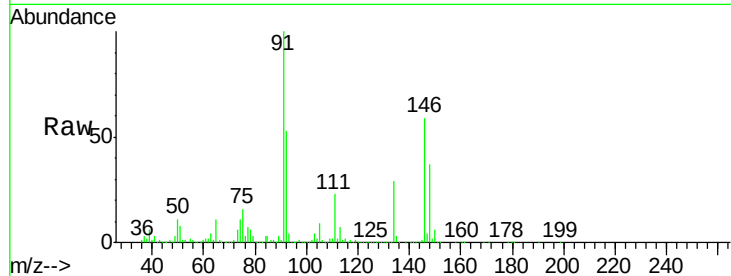
#89
n-Butylbenzene
Concen: 54.151 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	855000		
92	52.1	26.3	78.9	
134	27.9	13.9	41.6	

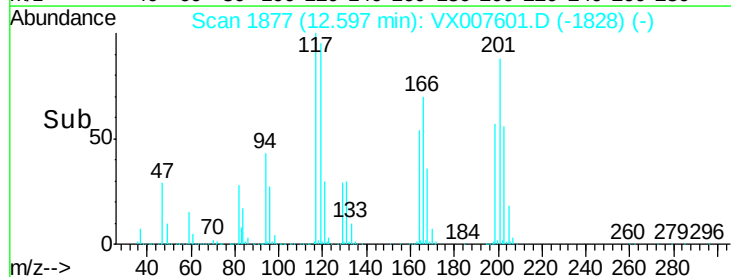
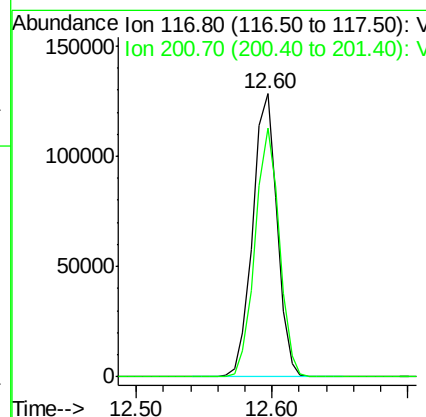
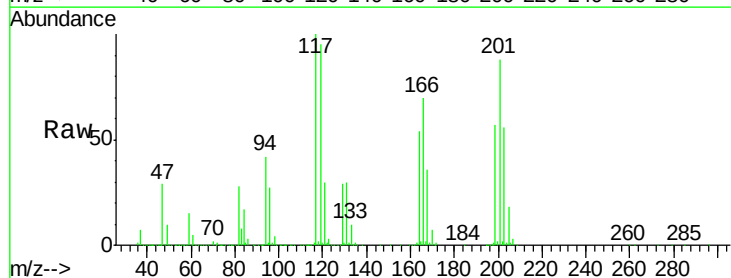
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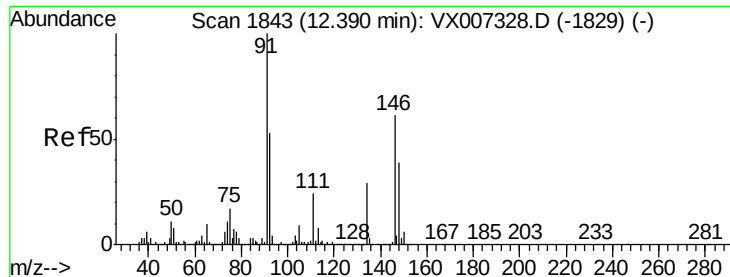
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#90
Hexachloroethane
Concen: 59.087 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	162310		
201	87.2	44.9	134.7	





#91

1,2-Dichlorobenzene

Concen: 49.181 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

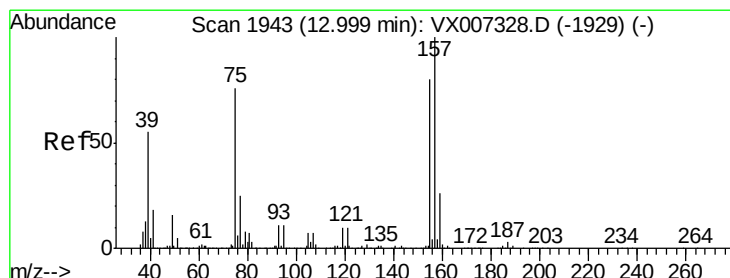
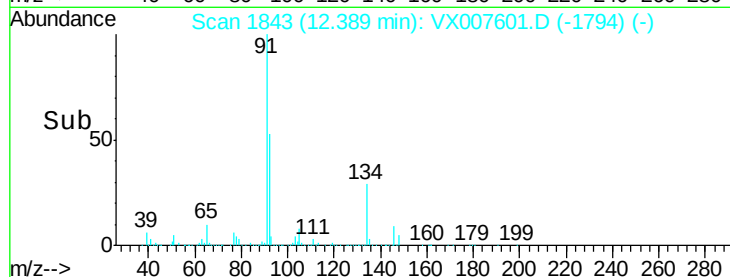
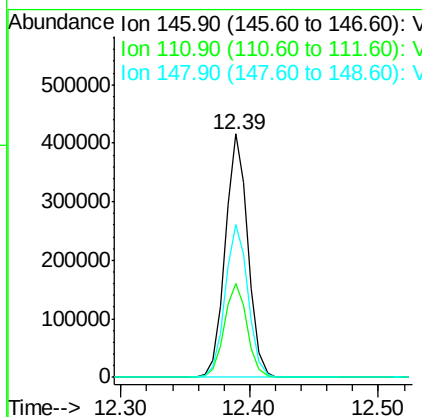
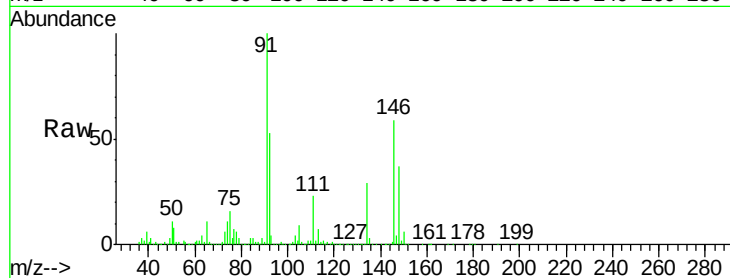
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	513309
Ion Ratio	Lower	Upper	
146	100		
111	38.8	19.1	57.3
148	63.4	32.1	96.3

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#92

1,2-Dibromo-3-Chloropropane

Concen: 53.440 ug/l

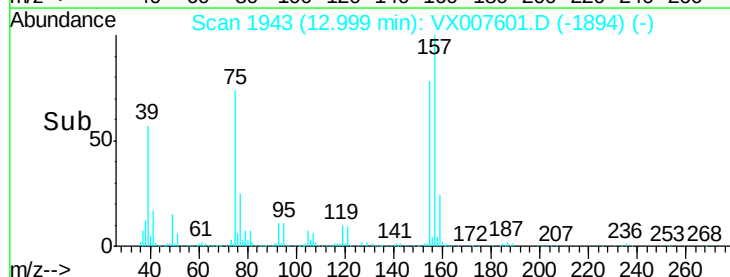
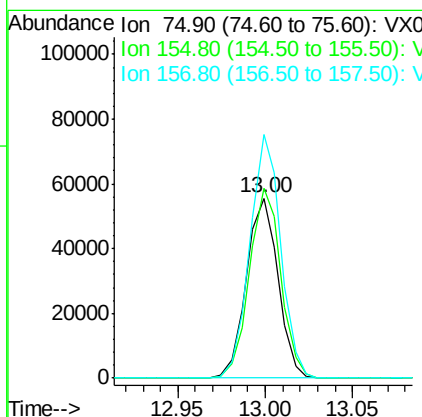
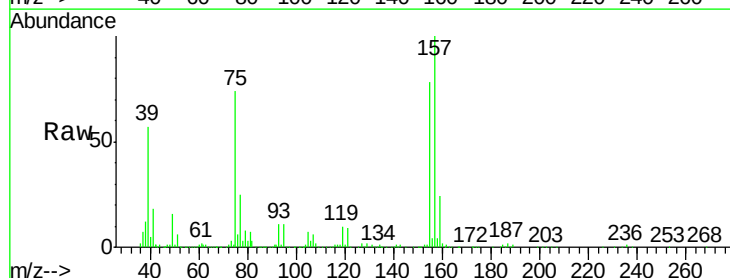
RT: 13.00 min Scan# 1943

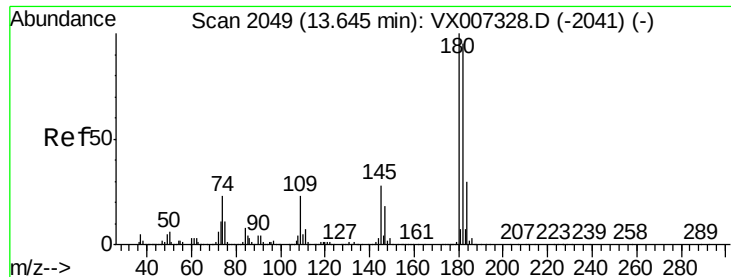
Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Tgt Ion:	75	Resp:	70236
Ion Ratio	Lower	Upper	
75	100		
155	104.2	49.6	149.0
157	131.1	65.1	195.3





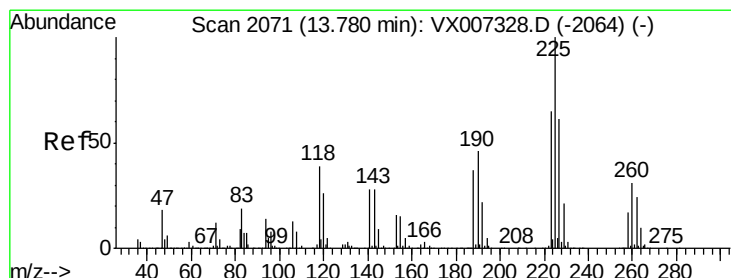
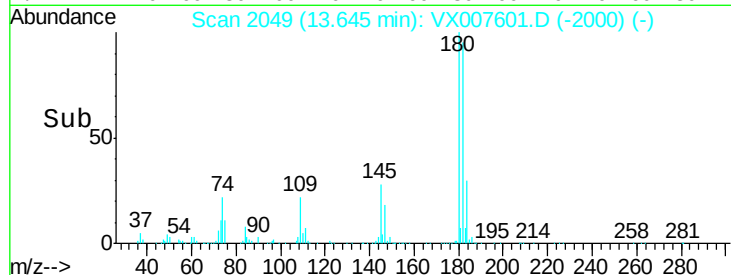
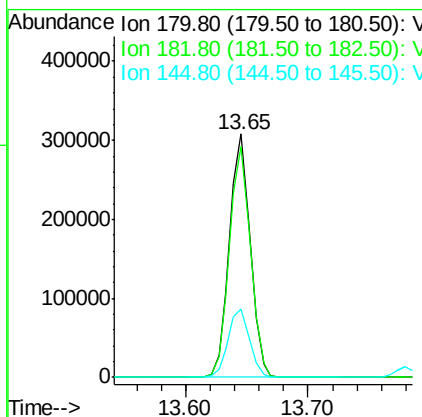
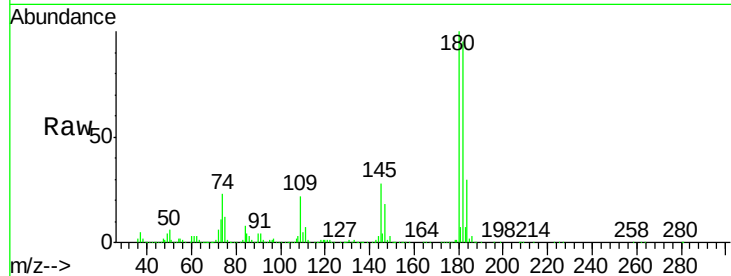
#93
 1,2,4-Trichlorobenzene
 Concen: 51.296 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007601.D
 Acq: 19 Feb 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	361056		
182	96.2	47.8	143.3	
145	29.1	14.1	42.2	

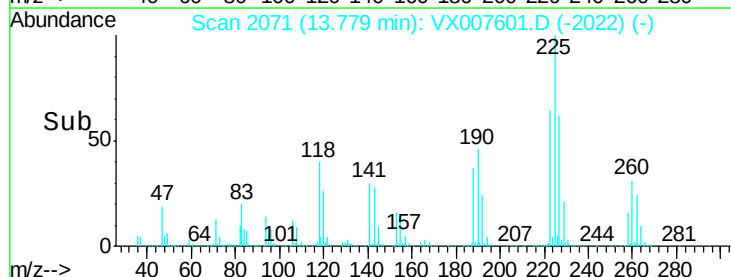
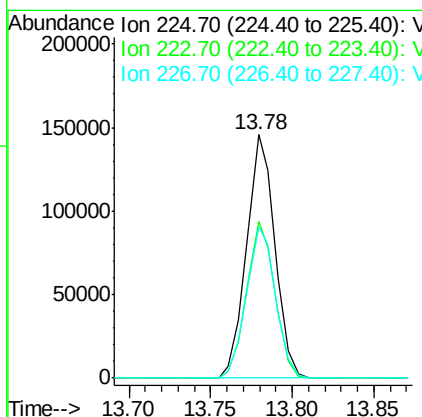
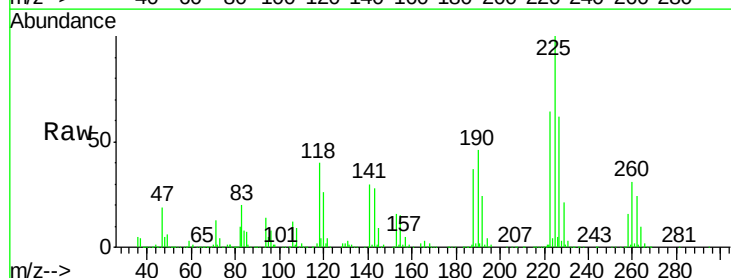
Manual Integrations
 APPROVED

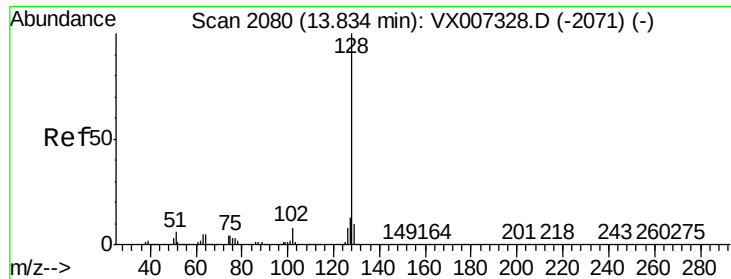
MMDadoda
 2/20/2019 10:33:54 AM



#94
 Hexachlorobutadiene
 Concen: 51.736 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007601.D
 Acq: 19 Feb 2019 09:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	176823		
223	64.2	31.6	94.8	
227	63.6	32.1	96.3	





#95

Naphthalene

Concen: 52.495 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

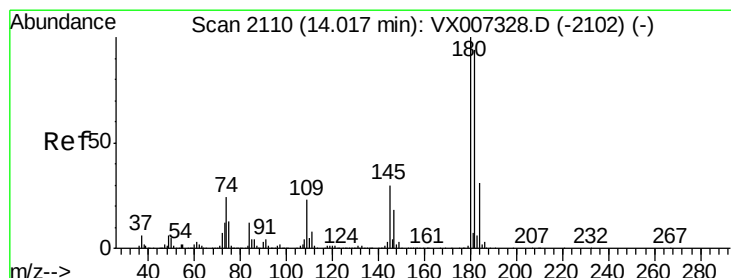
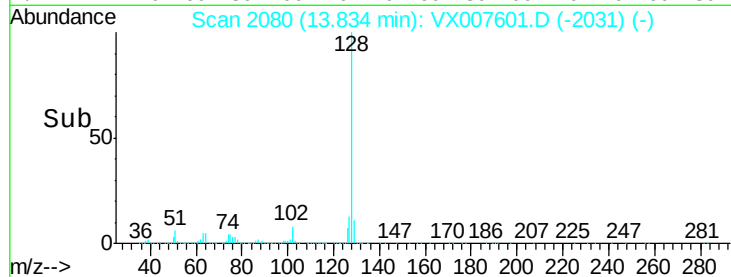
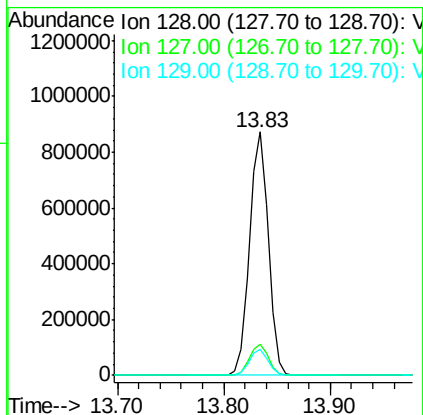
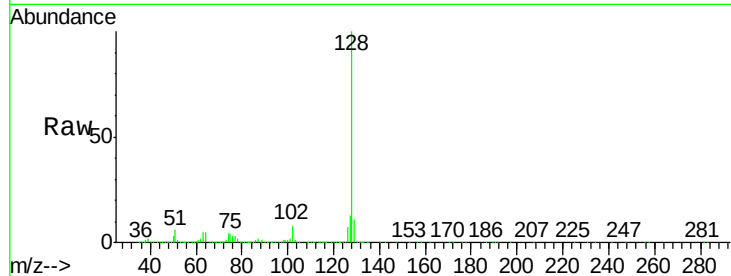
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/20/2019 10:33:54 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.896 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.5	142.6
145	30.9	14.9	44.5

