

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011819\
 Data File : VX007124.D
 Acq On : 18 Jan 2019 10:13
 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
 1/21/2019 9:38:49 AM

Quant Time: Jan 18 21:58:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	513194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	734737	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	681648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	350751	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	253760	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
35) Dibromofluoromethane	5.50	113	230691	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	8.71	98	866031	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.13	95	316945	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	211750	50.245	ug/l	99
3) Chloromethane	1.33	50	227616	46.395	ug/l	97
4) Vinyl Chloride	1.41	62	244627	46.353	ug/l	99
5) Bromomethane	1.64	94	239948	42.556	ug/l	97
6) Chloroethane	1.72	64	161723	43.887	ug/l	98
7) Trichlorofluoromethane	1.93	101	405745	47.583	ug/l	98
8) Diethyl Ether	2.19	74	155029	45.698	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	245209	48.032	ug/l	99
10) Methyl Iodide	2.51	142	350017	50.828	ug/l	100
11) Tert butyl alcohol	3.07	59	285453	225.624	ug/l	99
12) 1,1-Dichloroethene	2.37	96	220548	46.760	ug/l	99
13) Acrolein	2.29	56	131961	241.943	ug/l	99
14) Allyl chloride	2.73	41	380634	47.088	ug/l	99
15) Acrylonitrile	3.15	53	694783	239.220	ug/l	99
16) Acetone	2.45	43	725381	273.579	ug/l	100
17) Carbon Disulfide	2.57	76	493676	40.654	ug/l	99
18) Methyl Acetate	2.78	43	380893	49.605	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	773615	47.256	ug/l	99
20) Methylene Chloride	2.86	84	252495	50.068	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	235207	44.748	ug/l	99
22) Diisopropyl ether	3.87	45	737081	48.503	ug/l	95
23) Vinyl Acetate	3.82	43	3183525	248.407	ug/l	99
24) 1,1-Dichloroethane	3.70	63	427615	50.322	ug/l	100
25) 2-Butanone	4.70	43	954204	251.514	ug/l	100
26) 2,2-Dichloropropane	4.59	77	312718	47.858	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	270835	46.714	ug/l	98
28) Bromochloromethane	5.02	49	173638	46.639	ug/l	97
29) Tetrahydrofuran	5.15	42	586711	237.966	ug/l	97
30) Chloroform	5.21	83	432577	48.621	ug/l	99
31) Cyclohexane	5.57	56	355516	47.007	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	365385	48.453	ug/l	98
36) 1,1-Dichloropropene	5.80	75	311046	48.693	ug/l	98
37) Ethyl Acetate	4.85	43	337835	49.330	ug/l	99
38) Carbon Tetrachloride	5.78	117	318474	49.552	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	400903	49.229	ug/l	96
40) Benzene	6.14	78	951960	48.840	ug/l	99
41) Methacrylonitrile	5.06	41	186950	47.386	ug/l	99
42) 1,2-Dichloroethane	6.20	62	328152	48.720	ug/l	99
43) Isopropyl Acetate	6.46	43	544392	50.395	ug/l	98
44) Trichloroethene	7.21	130	285118	48.815	ug/l	96
45) 1,2-Dichloropropane	7.51	63	242134	49.413	ug/l	99
46) Dibromomethane	7.66	93	172134	49.982	ug/l	98
47) Bromodichloromethane	7.90	83	305799	52.166	ug/l	99
48) Methyl methacrylate	7.77	41	281490	50.742	ug/l	98
49) 1,4-Dioxane	7.75	88	122594	967.407	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1803827	259.830	ug/l	100
52) Toluene	8.78	92	623085	49.736	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	346140	53.251	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	374164	52.123	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	266133	53.073	ug/l	98
56) Ethyl methacrylate	9.18	69	388546	53.077	ug/l	97
57) 1,3-Dichloropropane	9.37	76	420598	51.198	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1045677	277.821	ug/l	99
59) 2-Hexanone	9.49	43	1399660	264.564	ug/l	100
60) Dibromochloromethane	9.58	129	272396	55.943	ug/l	98
61) 1,2-Dibromoethane	9.67	107	287633	52.104	ug/l	100
64) Tetrachloroethene	9.34	164	290173	49.169	ug/l	96
65) Chlorobenzene	10.14	112	733141	49.313	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	265681	53.122	ug/l	98
67) Ethyl Benzene	10.25	91	1216016	49.545	ug/l	99
68) m/p-Xylenes	10.36	106	963669	99.657	ug/l	98
69) o-Xylene	10.70	106	472144	50.065	ug/l	98
70) Styrene	10.71	104	764564	51.189	ug/l	99
71) Bromoform	10.86	173	202406	45.686	ug/l	97
73) Isopropylbenzene	11.02	105	1265863	51.182	ug/l	99
74) N-amyl acetate	10.90	43	491589	49.366	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	381032	48.528	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	365546m	51.429	ug/l	
77) Bromobenzene	11.26	156	338955	49.738	ug/l	98
78) n-propylbenzene	11.36	91	1430170	52.674	ug/l	98
79) 2-Chlorotoluene	11.42	91	822764	50.340	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1051190	50.865	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	108614	46.409	ug/l	97
82) 4-Chlorotoluene	11.51	91	972373	51.384	ug/l	100
83) tert-Butylbenzene	11.77	119	1068616	51.826	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1069228	51.451	ug/l	100
85) sec-Butylbenzene	11.94	105	1291037	52.428	ug/l	100
86) p-Isopropyltoluene	12.06	119	1165877	52.931	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	608815	49.426	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	614265	52.625	ug/l	99
89) n-Butylbenzene	12.39	91	1006191	53.587	ug/l	99
90) Hexachloroethane	12.60	117	177375	50.417	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	601641	49.494	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	79188	50.994	ug/l	99

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ALS Vial : 2 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VSTDCCC050

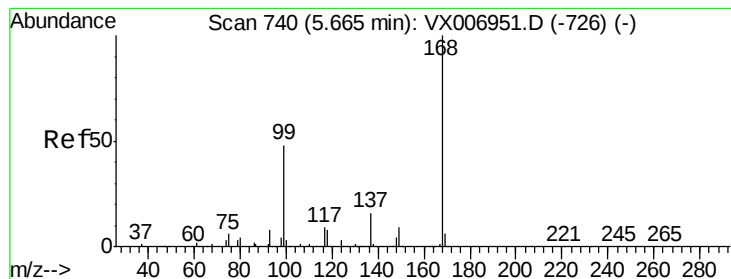
Manual Integrations
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Quant Time: Jan 18 21:58:08 2019
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	436488	52.338	ug/l	99
94) Hexachlorobutadiene	13.78	225	208500	56.338	ug/l	98
95) Naphthalene	13.83	128	1301412	51.498	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	427356	51.585	ug/l	98

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



#1

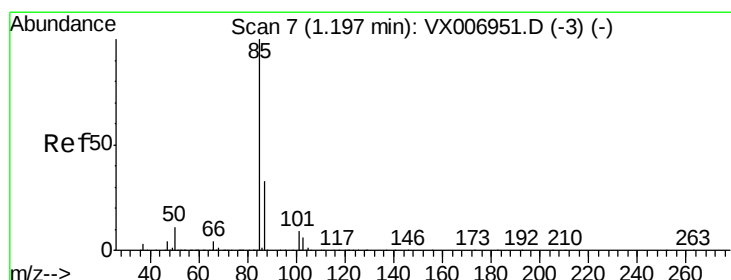
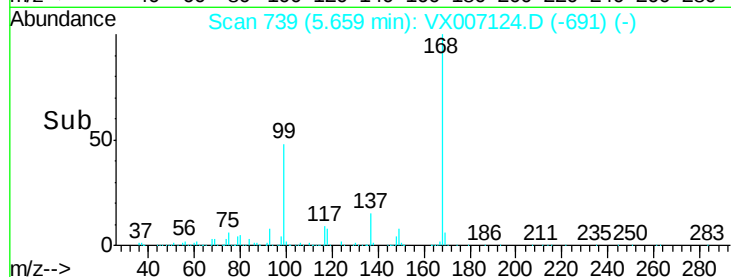
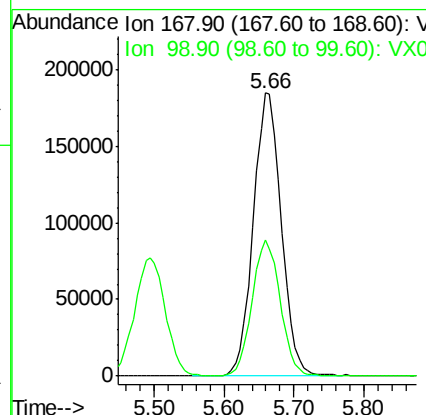
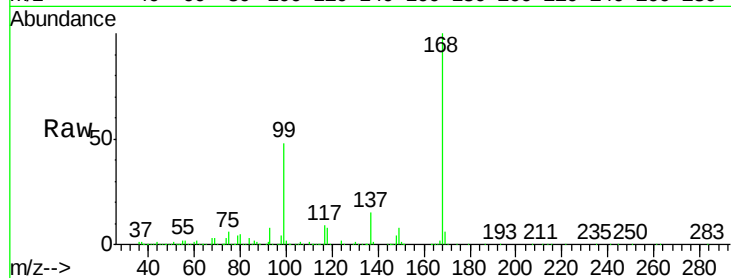
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VX007124.D
 Acq: 18 Jan 2019 10:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.8	41.8	62.8

Manual Integrations
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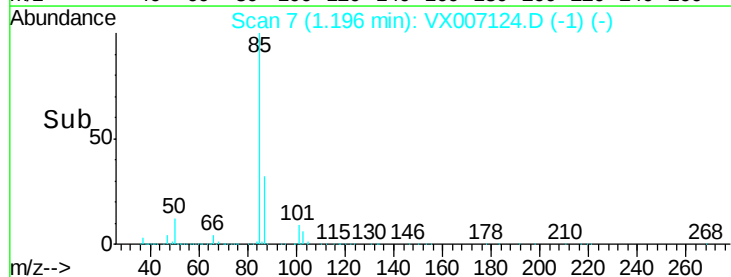
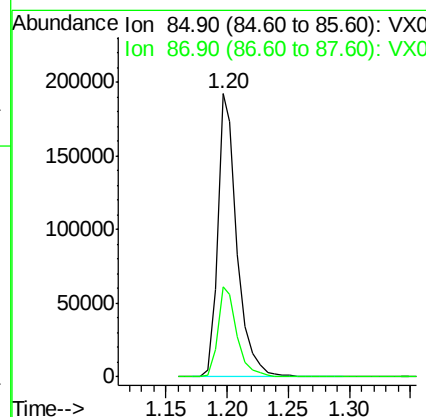
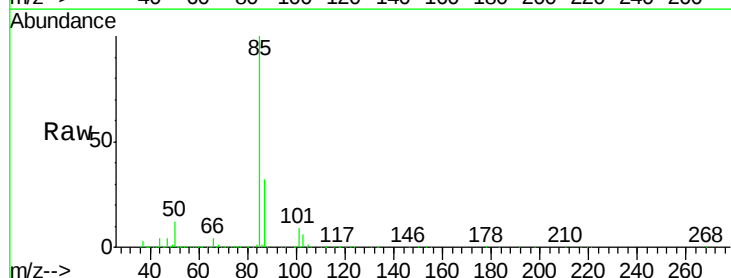
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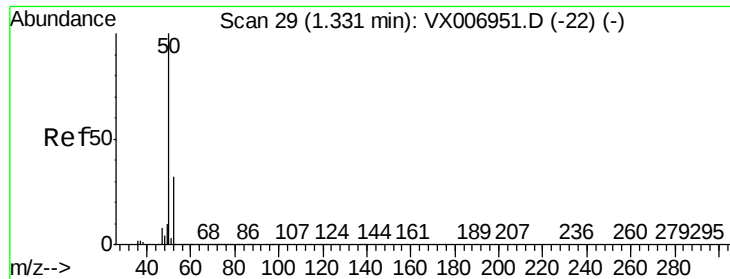


#2

Dichlorodifluoromethane
 Concen: 50.245 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VX007124.D
 Acq: 18 Jan 2019 10:13

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.0	15.9	47.6





#3

Chloromethane

Concen: 46.395 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 227616

Ion Ratio Lower Upper

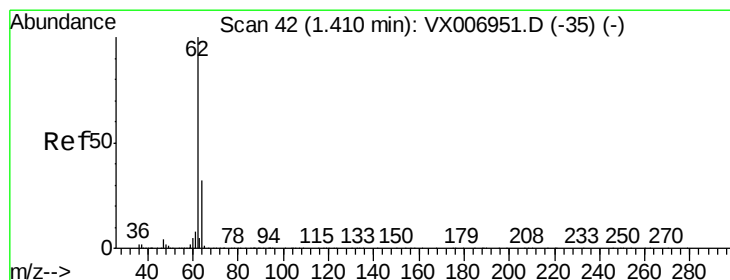
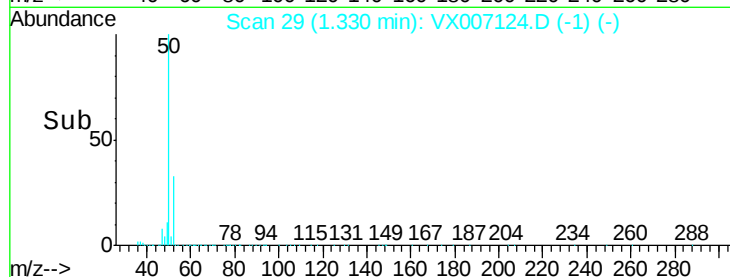
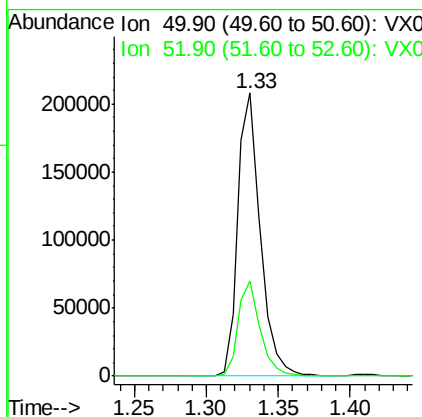
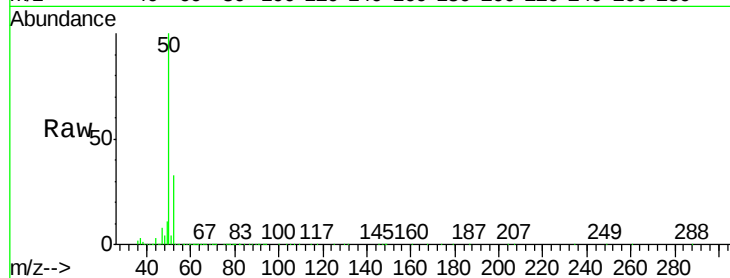
50 100

52 33.4 25.4 38.2

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#4

Vinyl Chloride

Concen: 46.353 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007124.D

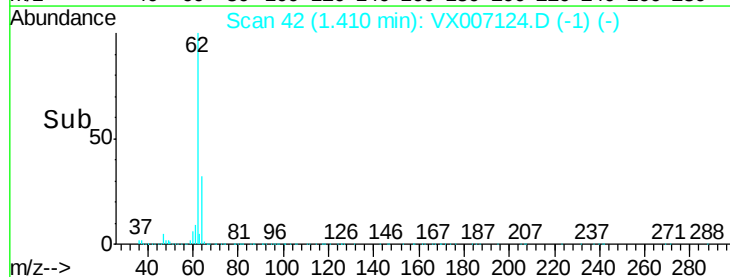
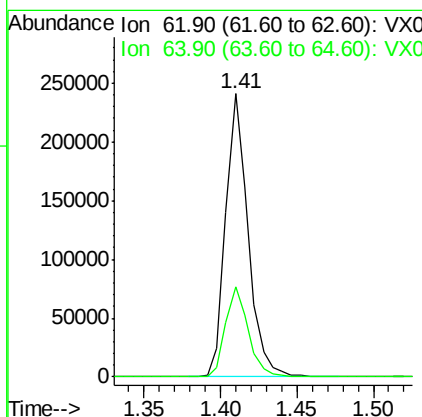
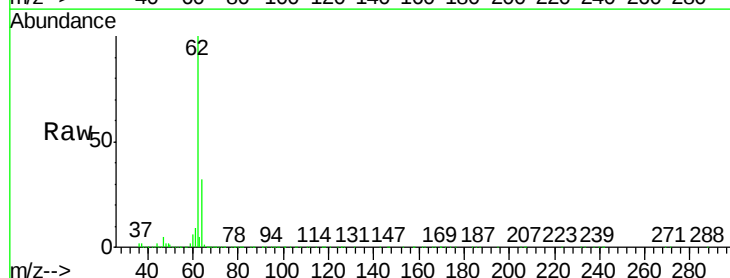
Acq: 18 Jan 2019 10:13

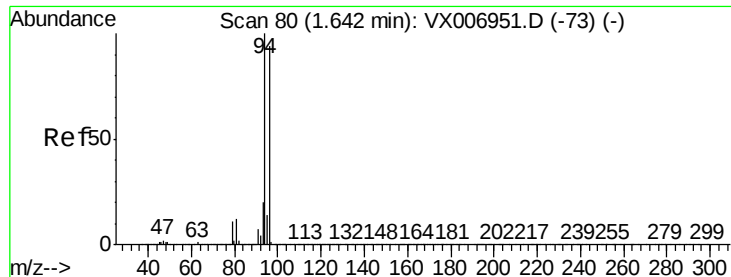
Tgt Ion: 62 Resp: 244627

Ion Ratio Lower Upper

62 100

64 31.9 25.1 37.7





#5

Bromomethane

Concen: 42.556 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 239948

Ion Ratio Lower Upper

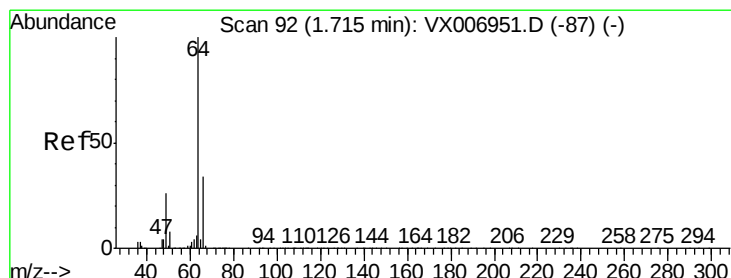
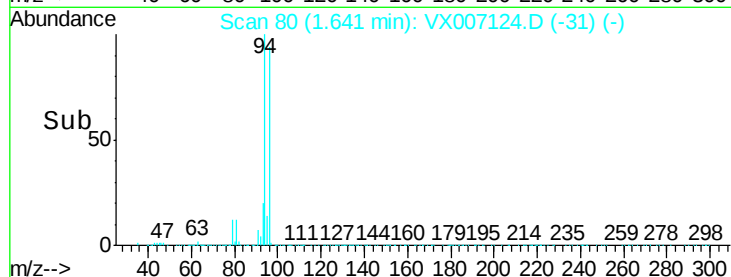
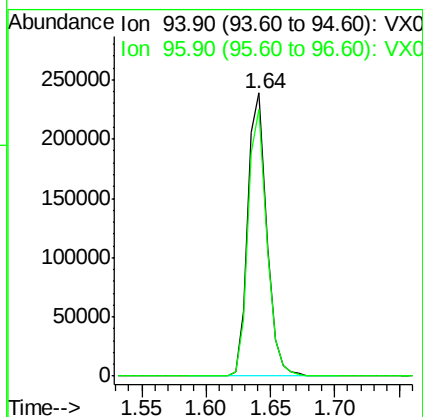
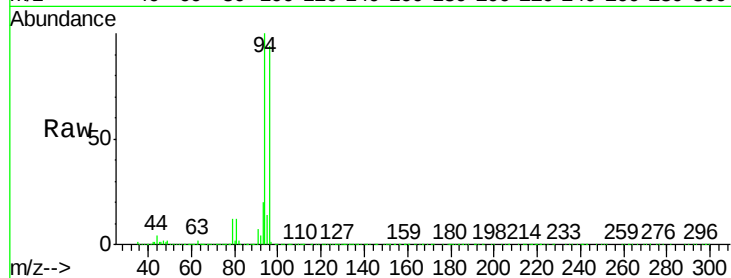
94 100

96 94.4 73.4 110.2

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#6

Chloroethane

Concen: 43.887 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007124.D

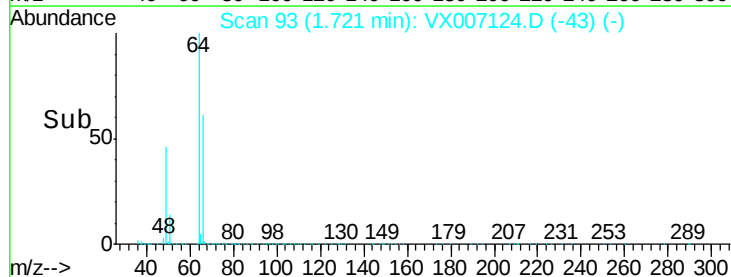
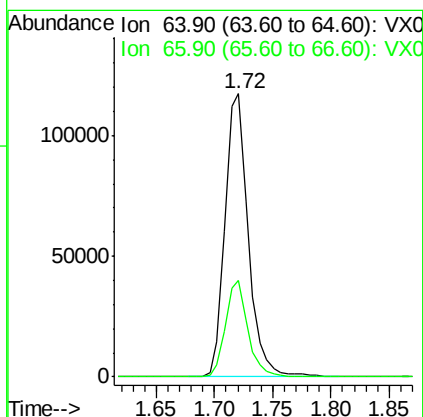
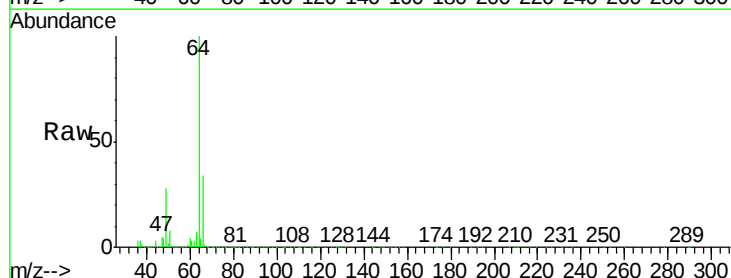
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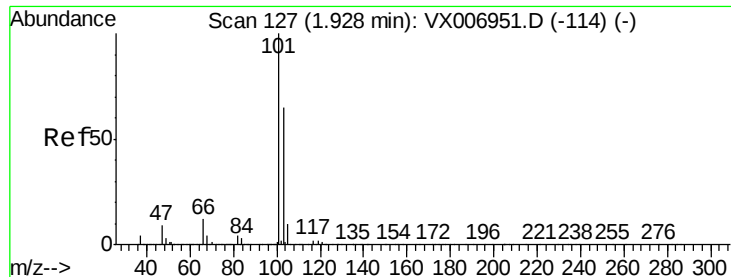
Tgt Ion: 64 Resp: 161723

Ion Ratio Lower Upper

64 100

66 33.9 26.4 39.6





#7

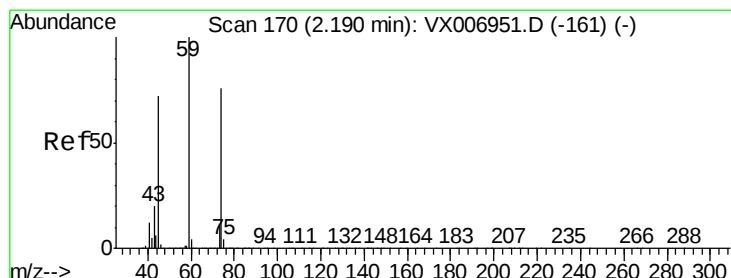
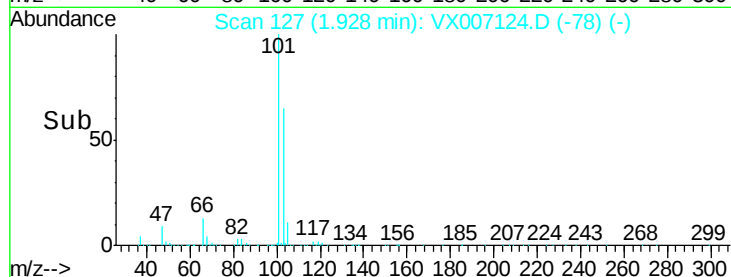
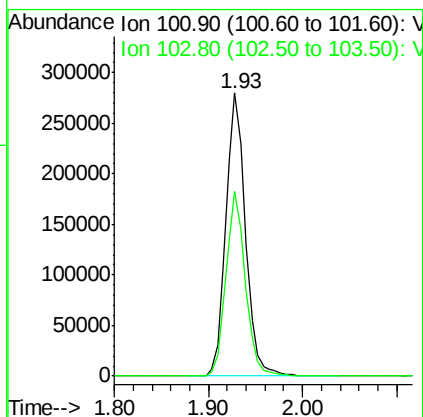
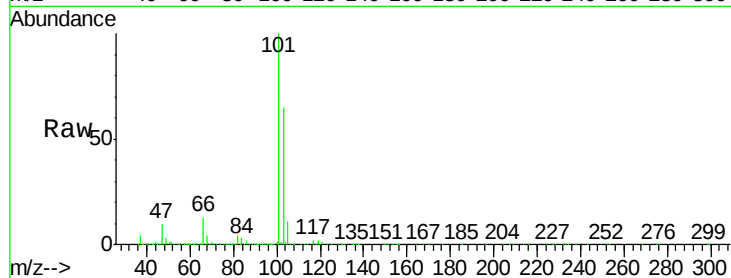
Trichlorofluoromethane
Concen: 47.583 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

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MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	53.2	79.8

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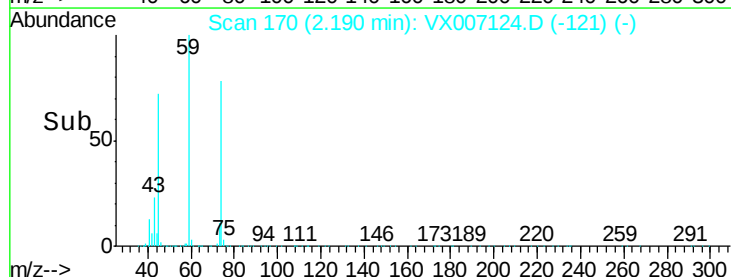
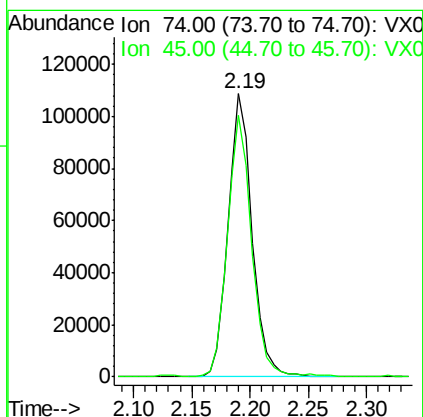
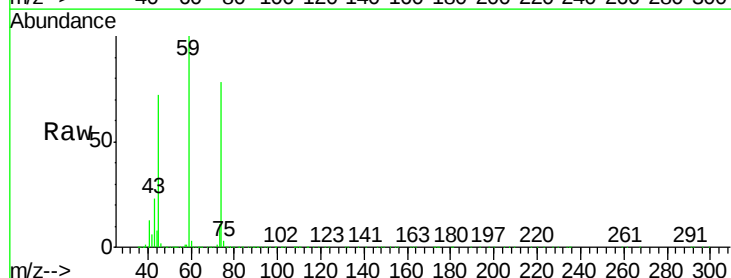
MMDadoda
1/21/2019 9:38:49 AM

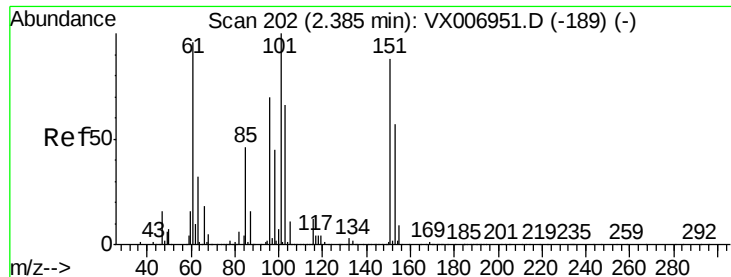


#8

Diethyl Ether
Concen: 45.698 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.0	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.032 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

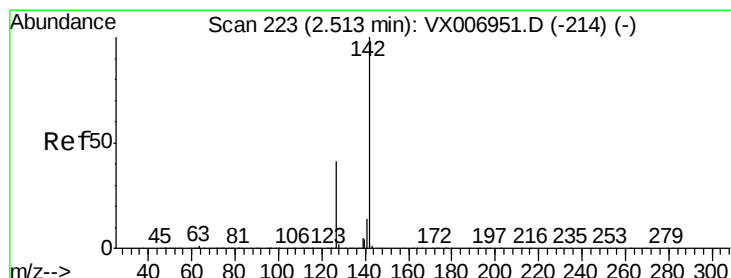
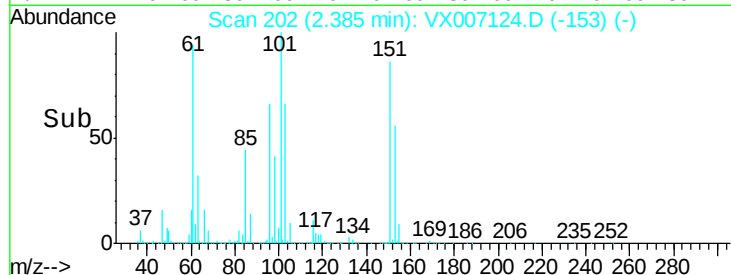
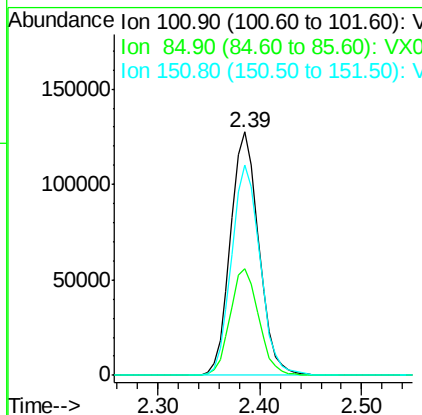
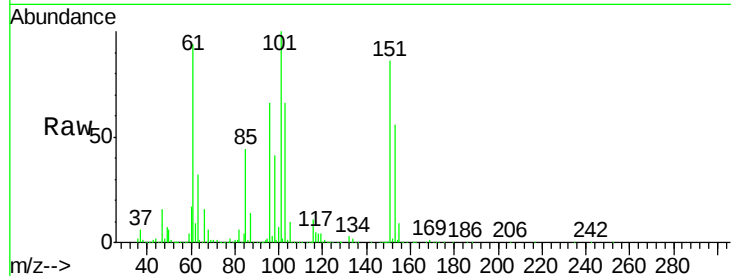
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	245209
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.1	52.7
151	87.2	68.9	103.3

Manual Integrations
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1/21/2019 9:38:49 AM



#10

Methyl Iodide

Concen: 50.828 ug/l

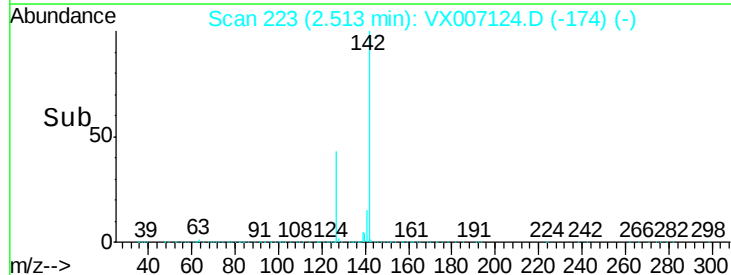
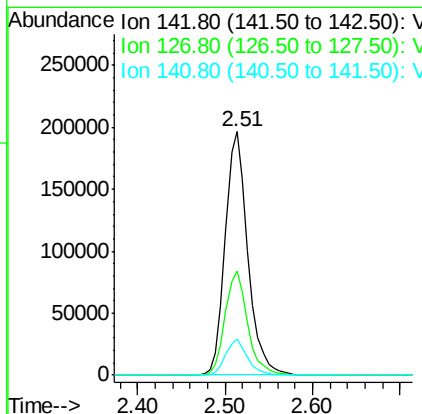
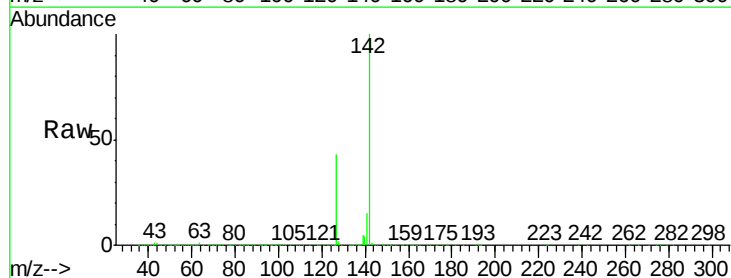
RT: 2.51 min Scan# 223

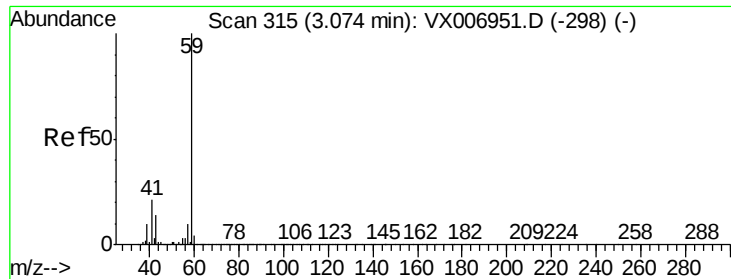
Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Tgt Ion:	142	Resp:	350017
Ion Ratio	Lower	Upper	
142	100		
127	42.7	33.9	50.9
141	14.4	11.4	17.0





#11

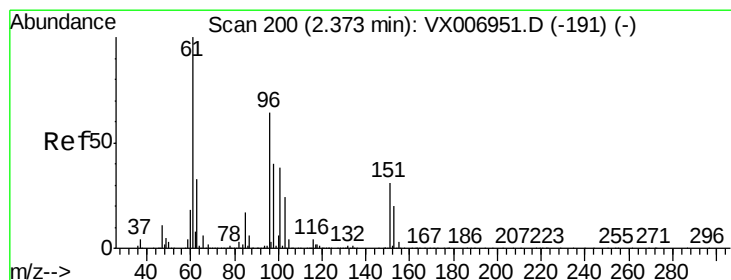
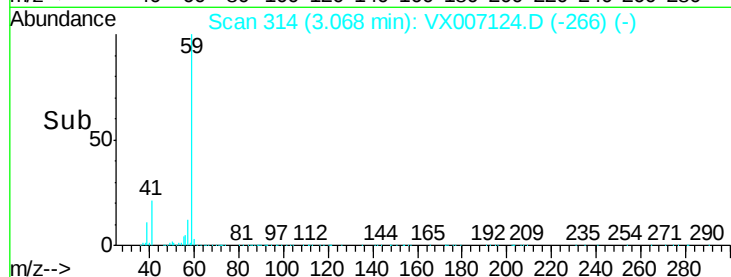
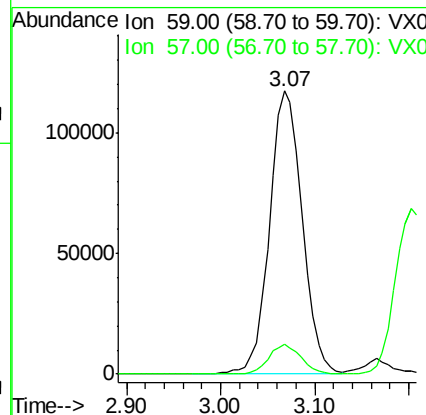
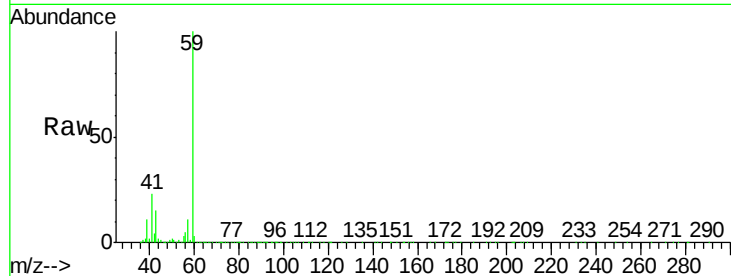
Tert butyl alcohol
 Concen: 225.624 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007124.D
 Acq: 18 Jan 2019 10:13

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.5	12.7

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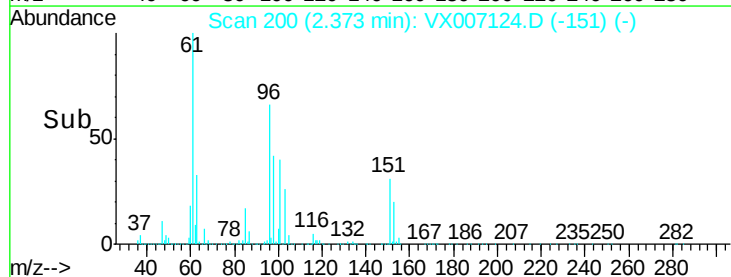
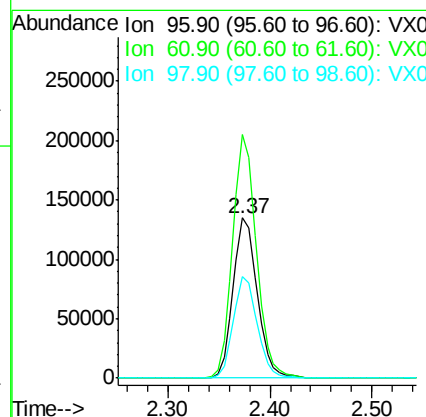
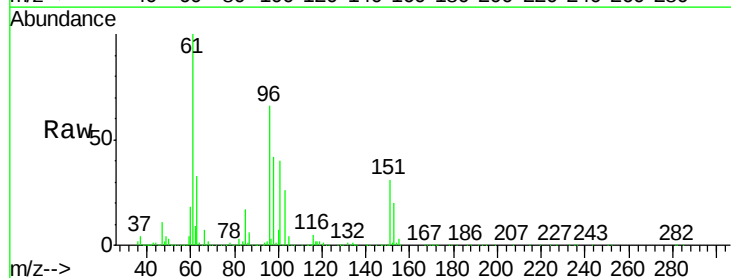
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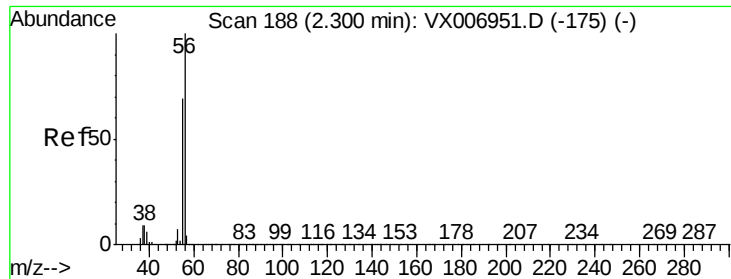


#12

1,1-Dichloroethene
 Concen: 46.760 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX007124.D
 Acq: 18 Jan 2019 10:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.0	121.4	182.2
98	63.4	51.9	77.9





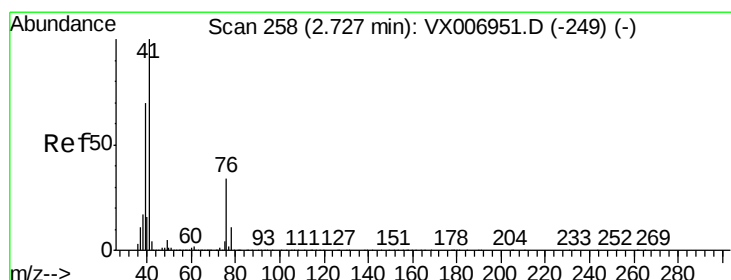
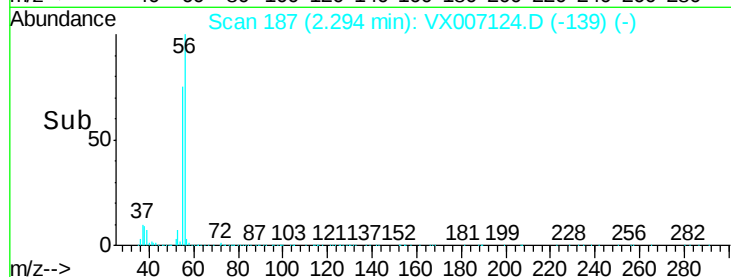
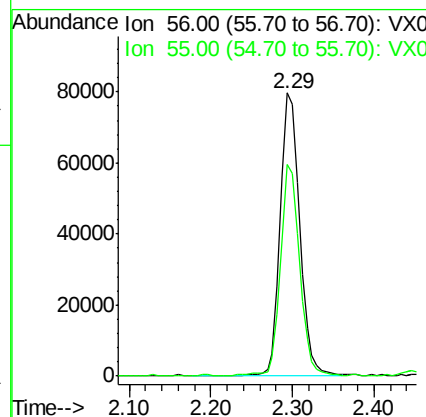
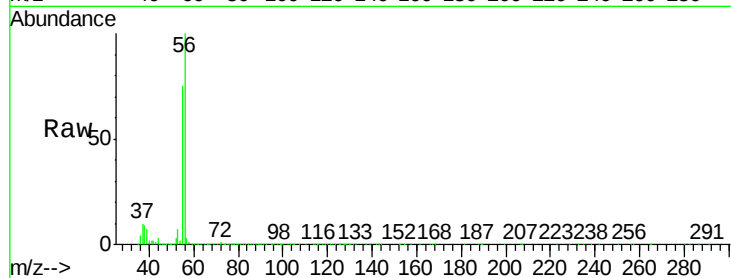
#13
Acrolein
Concen: 241.943 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.2	58.2	87.4

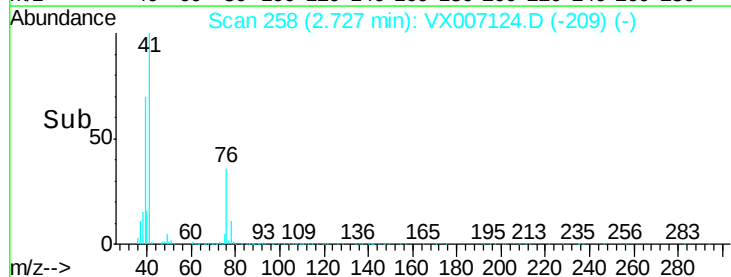
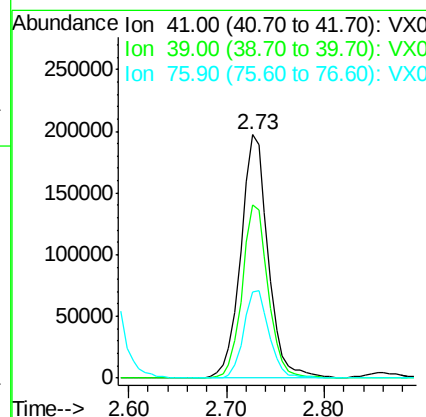
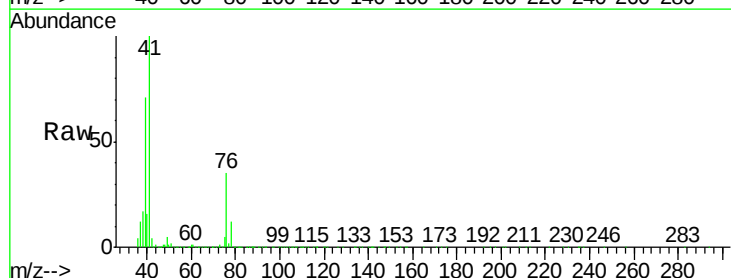
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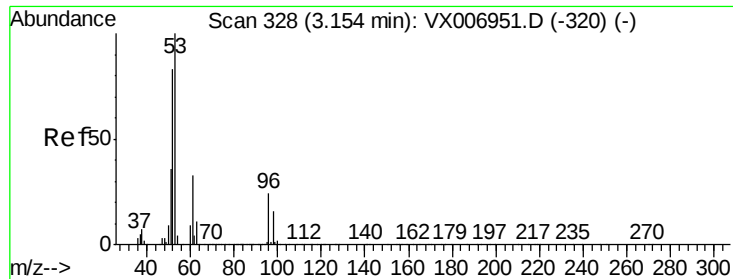
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#14
Allyl chloride
Concen: 47.088 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion	Ratio	Lower	Upper
41	100		
39	67.8	53.6	80.4
76	33.2	27.4	41.2





#15

Acrylonitrile

Concen: 239.220 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

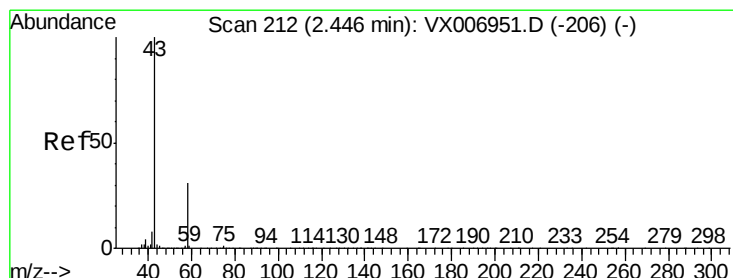
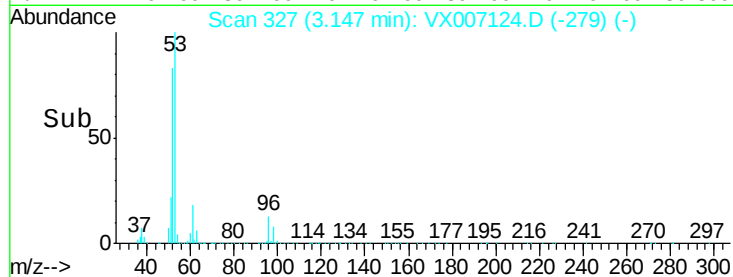
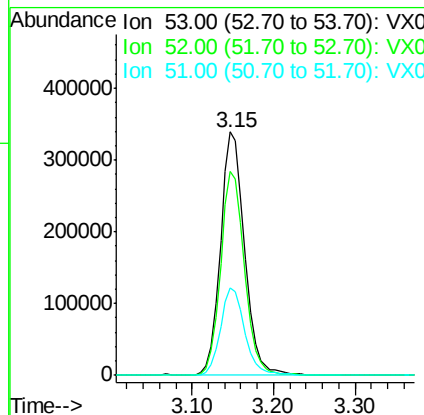
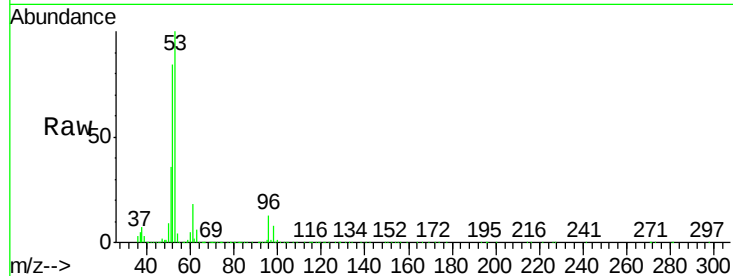
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	694783
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.0	99.0
51	36.5	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 273.579 ug/l

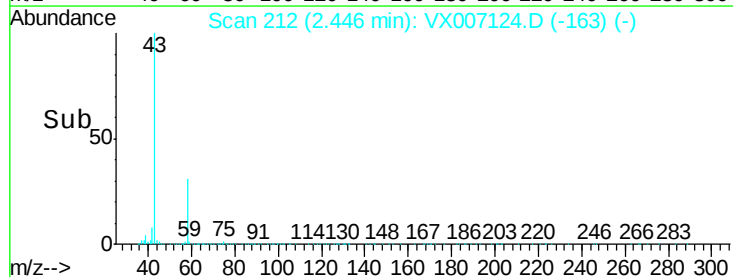
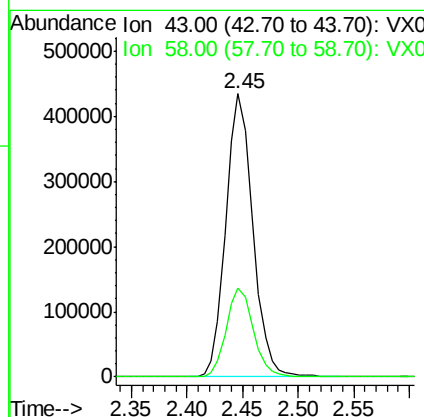
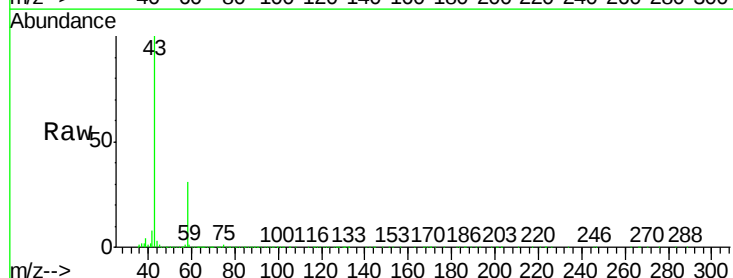
RT: 2.45 min Scan# 212

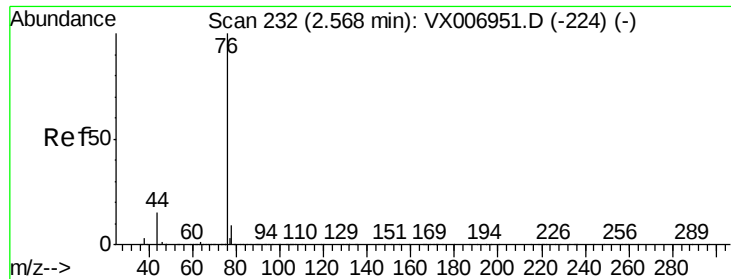
Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Tgt Ion:	43	Resp:	725381
Ion Ratio	Lower	Upper	
43	100		
58	31.4	25.0	37.6





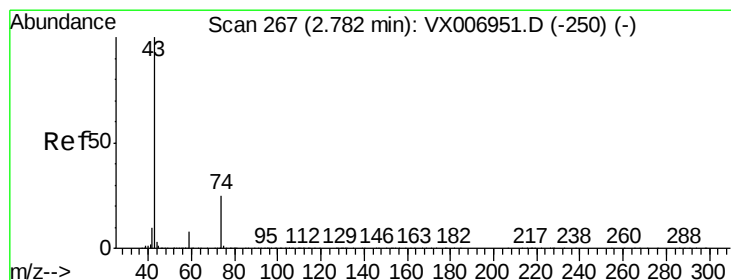
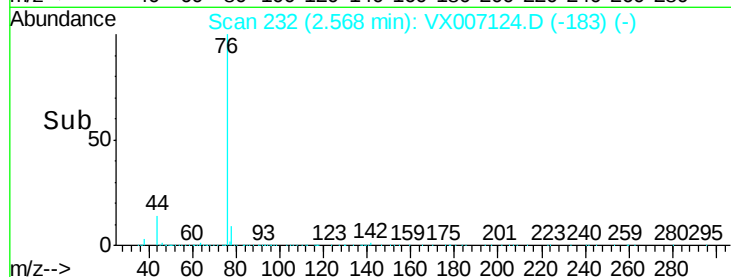
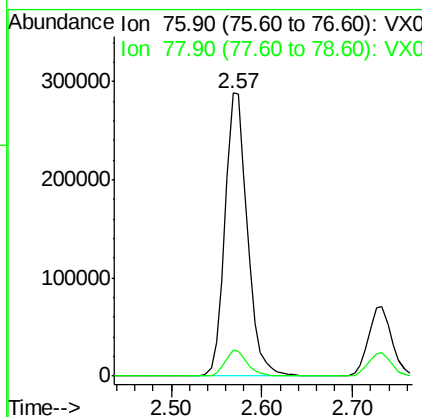
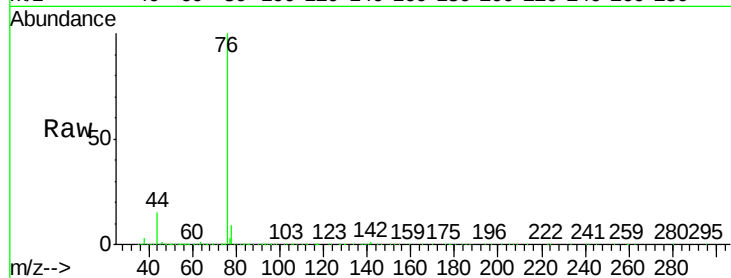
#17
Carbon Disulfide
Concen: 40.654 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

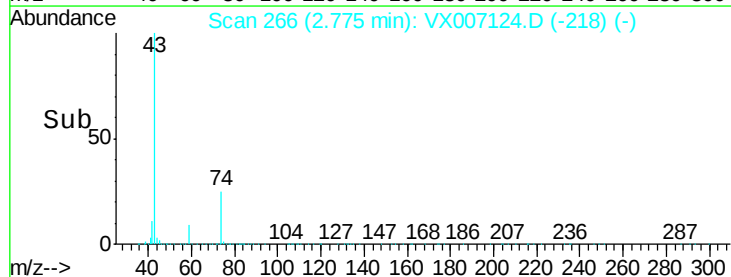
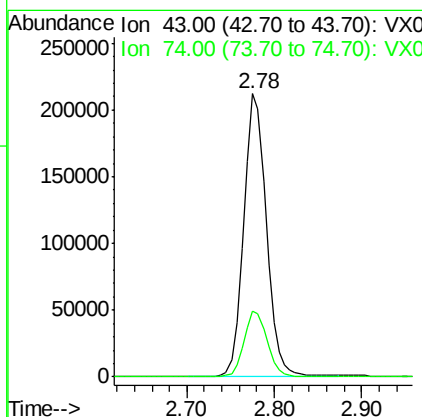
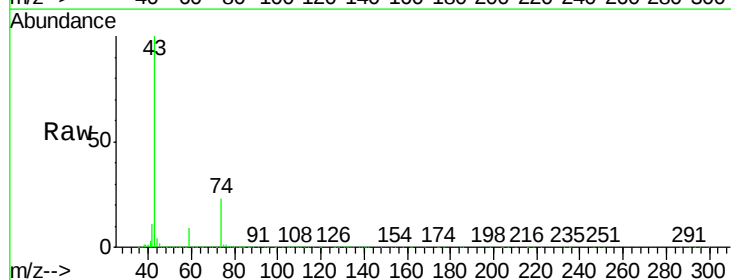
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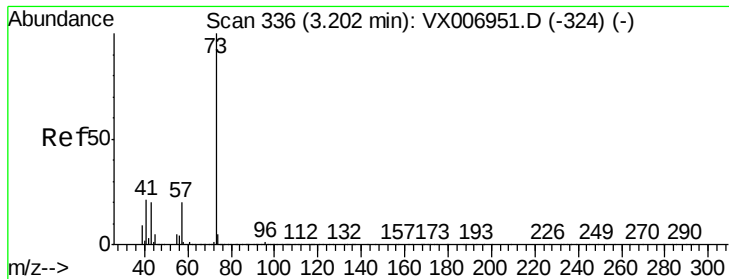
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#18
Methyl Acetate
Concen: 49.605 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	18.6	28.0





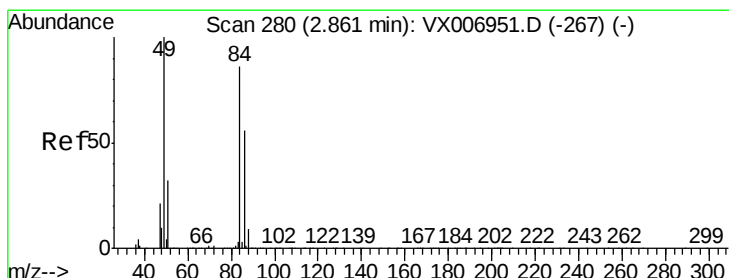
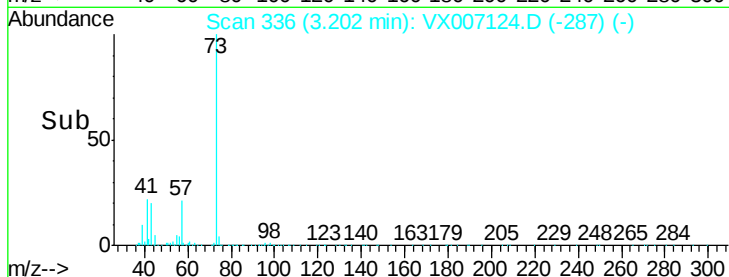
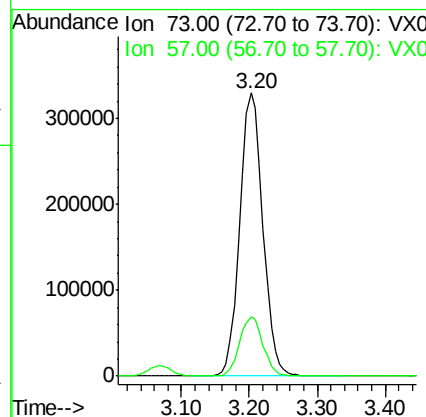
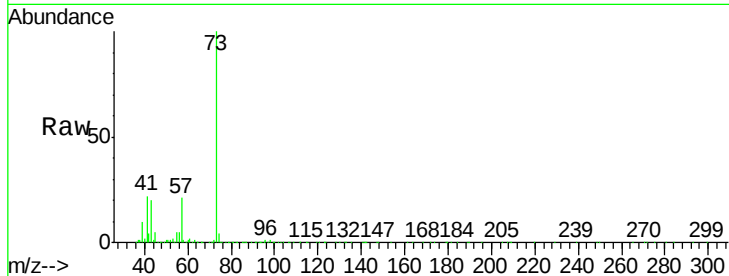
#19
Methvl tert-butvl Ether
Concen: 47.256 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	16.8	25.2

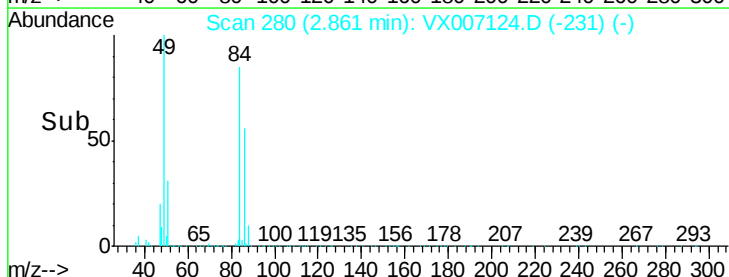
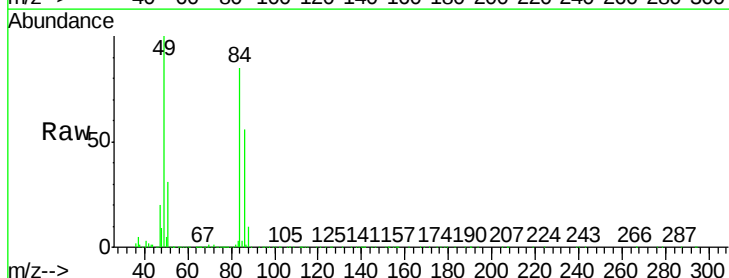
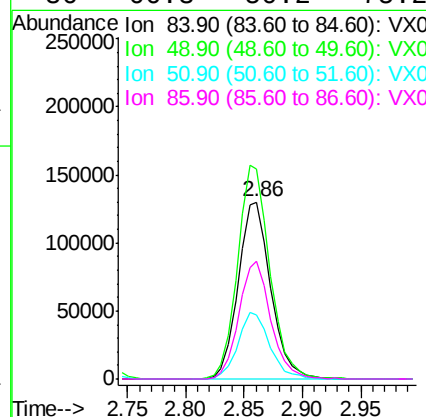
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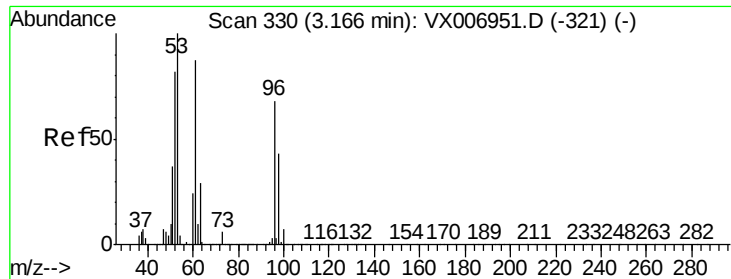
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#20
Methylene Chloride
Concen: 50.068 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.1	91.8	137.6
51	36.2	28.5	42.7
86	66.3	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 44.748 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

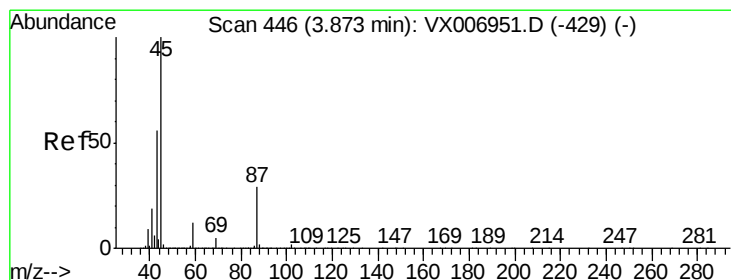
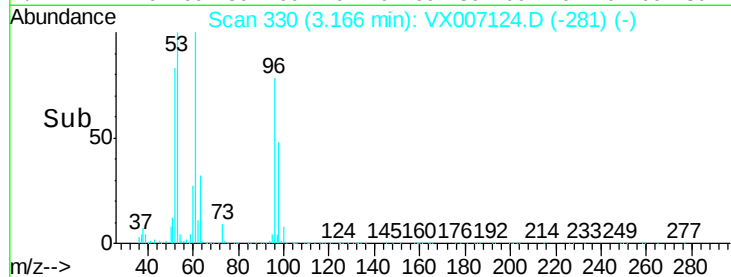
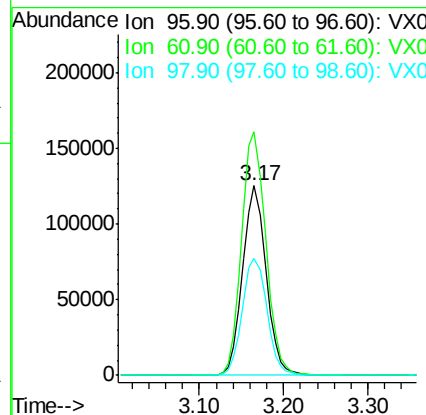
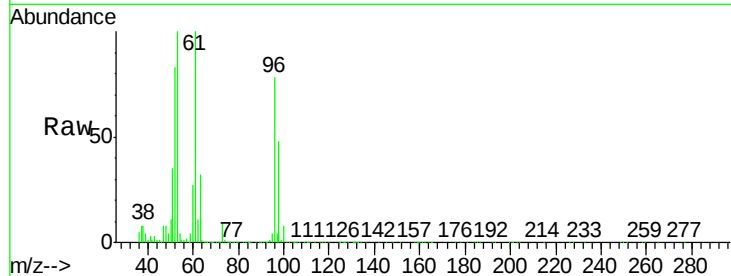
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	235207
Ion Ratio	Lower	Upper	
96	100		
61	128.4	103.7	155.5
98	61.9	51.0	76.6

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#22

Diisopropyl ether

Concen: 48.503 ug/l

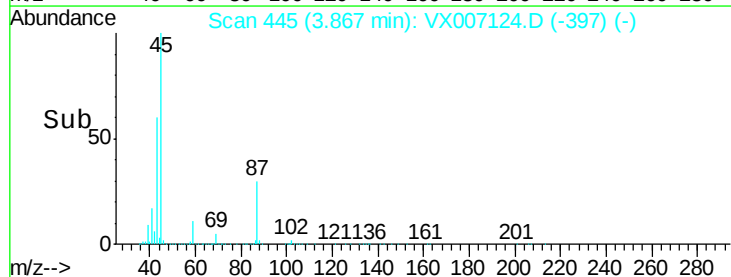
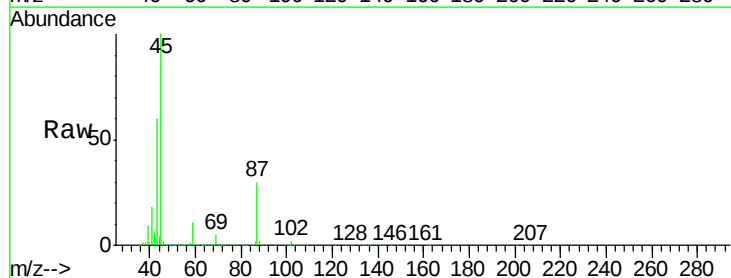
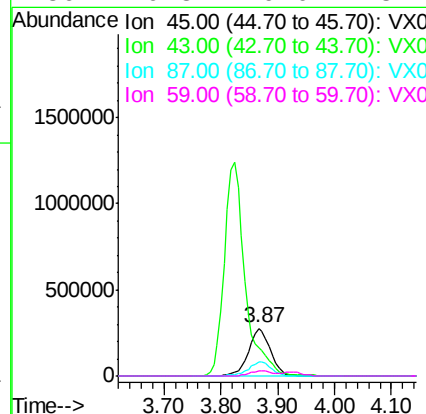
RT: 3.87 min Scan# 445

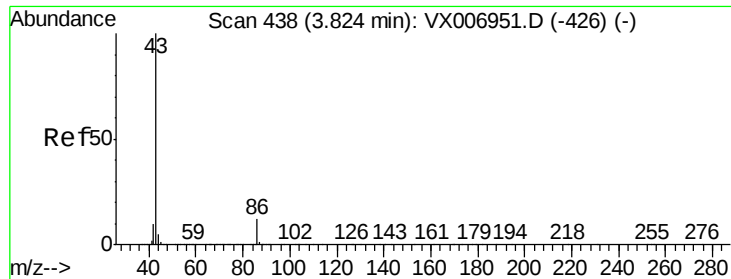
Delta R.T. -0.01 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Tgt Ion:	45	Resp:	737081
Ion Ratio	Lower	Upper	
45	100		
43	60.1	51.2	76.8
87	29.5	25.8	38.6
59	10.8	9.0	13.4





#23

Vinyl Acetate

Concen: 248.407 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 3183525

Ion Ratio Lower Upper

43 100

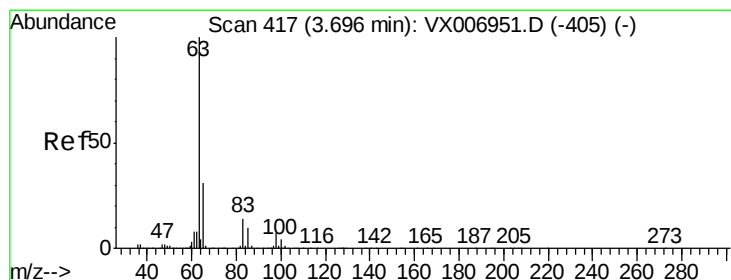
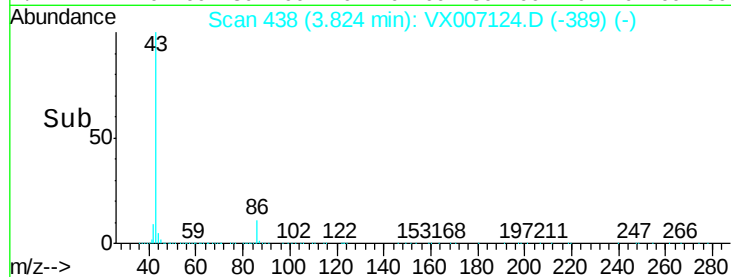
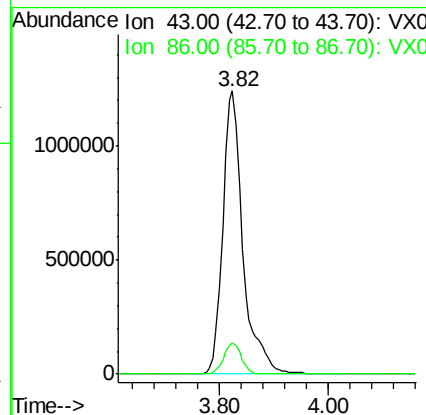
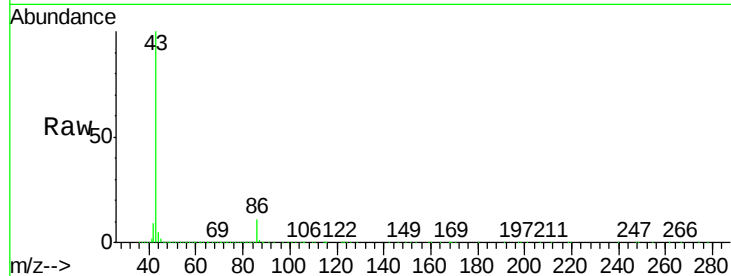
86 11.0 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 50.322 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

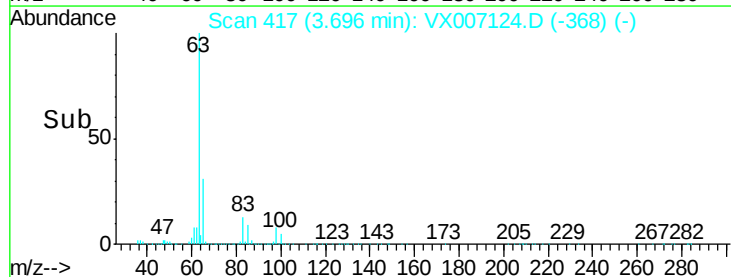
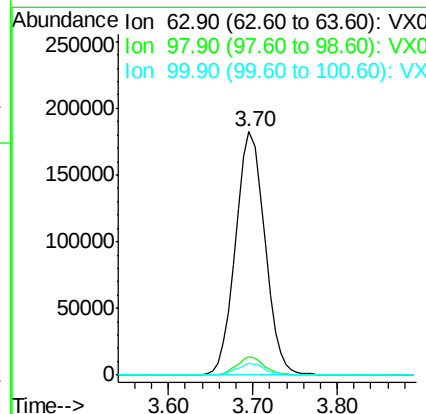
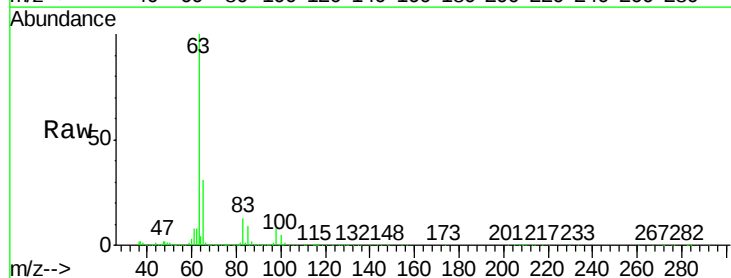
Tgt Ion: 63 Resp: 427615

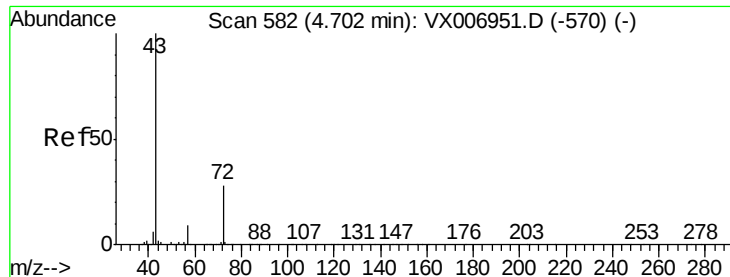
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 251.514 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 954204

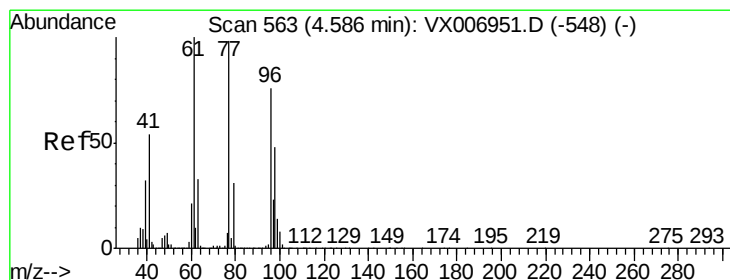
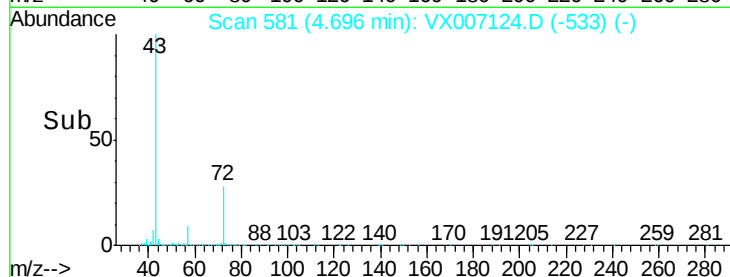
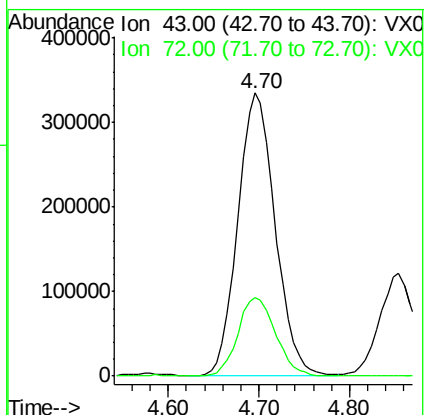
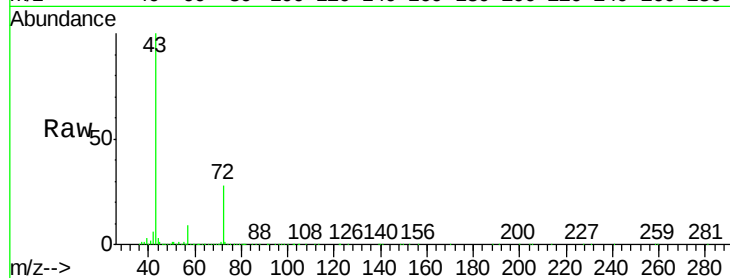
Ion Ratio Lower Upper

43 100

72 27.9 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 47.858 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007124.D

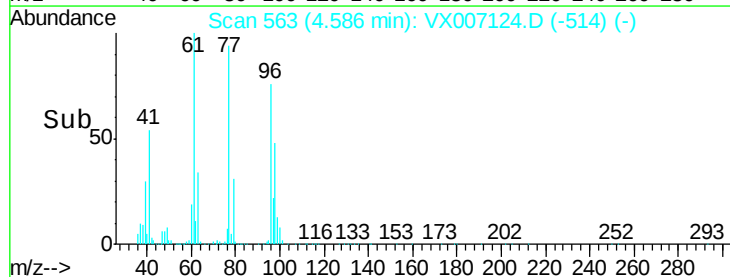
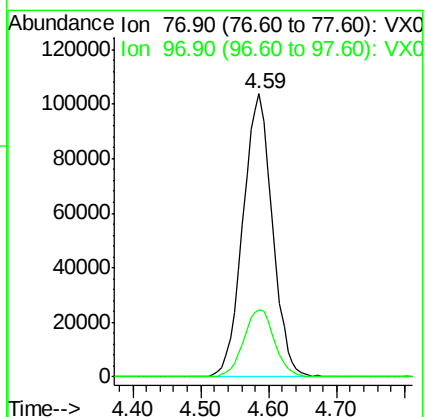
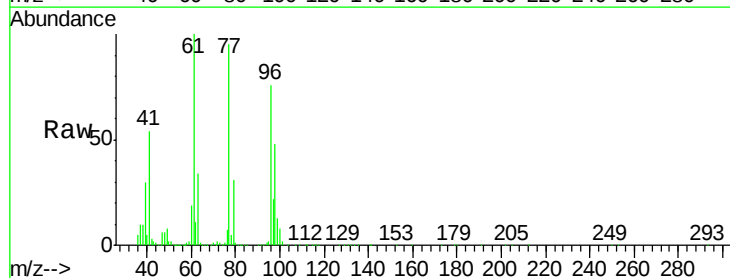
Acq: 18 Jan 2019 10:13

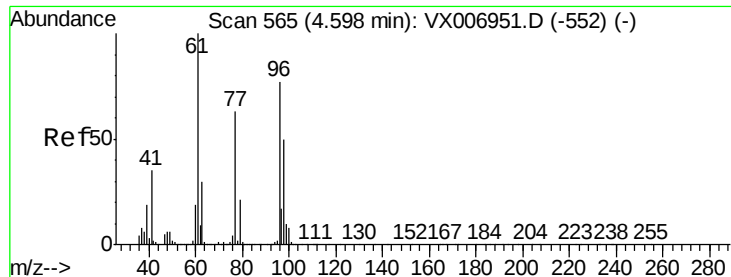
Tgt Ion: 77 Resp: 312718

Ion Ratio Lower Upper

77 100

97 25.0 12.4 37.4





#27

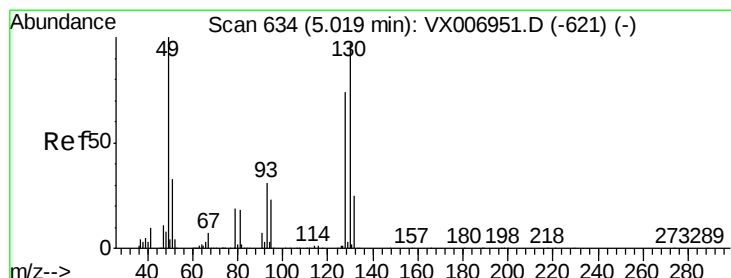
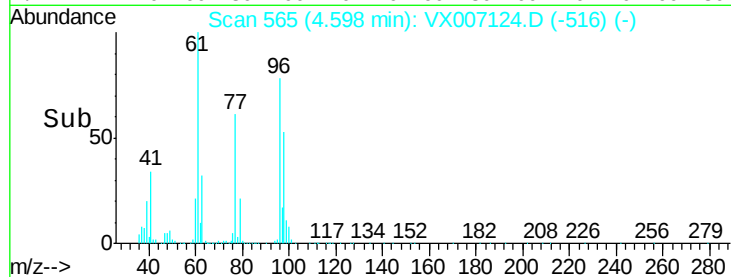
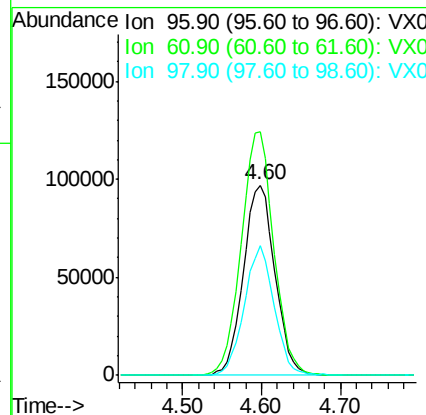
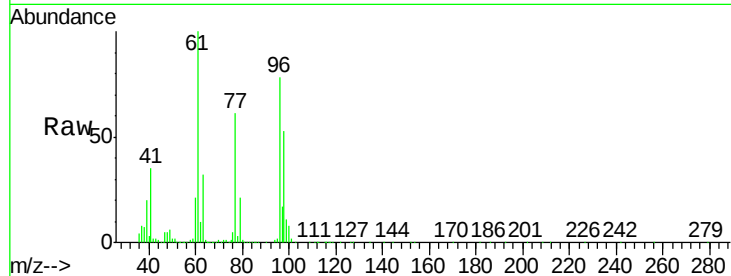
cis-1,2-Dichloroethene
Concen: 46.714 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	270835		
61	131.5	0.0	258.6	
98	64.6	0.0	132.0	

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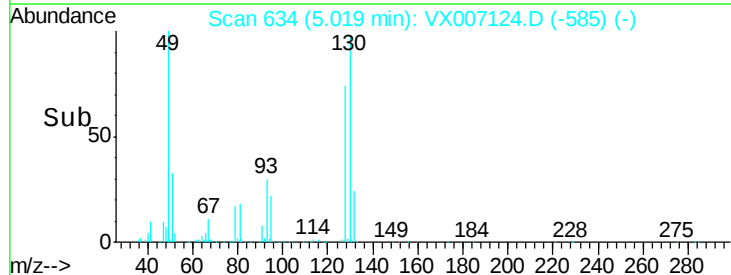
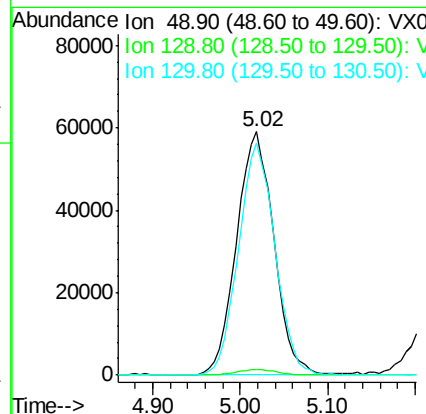
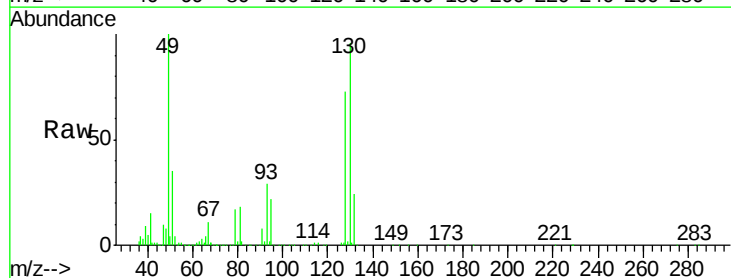
MMDadoda
1/21/2019 9:38:49 AM

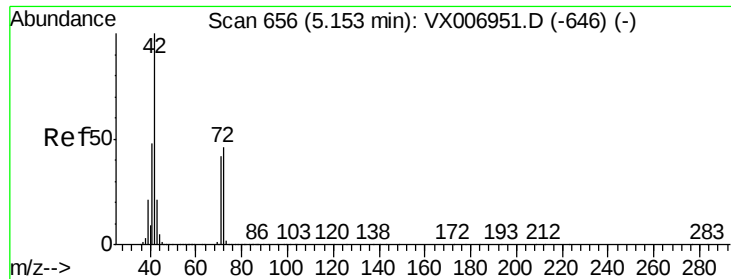


#28

Bromochloromethane
Concen: 46.639 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	173638		
129	2.6	0.0	5.4	
130	94.0	77.7	116.5	





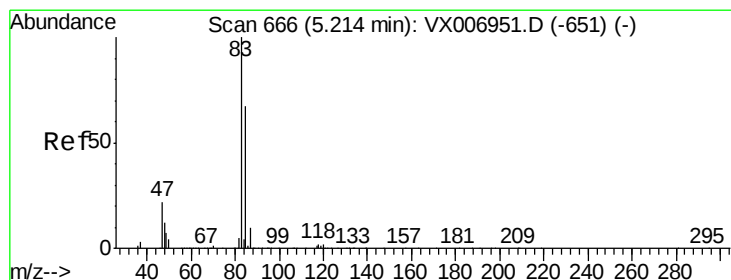
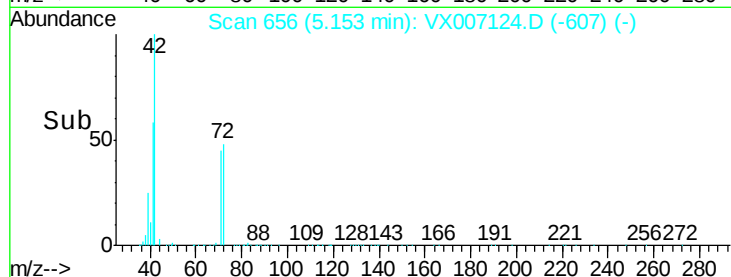
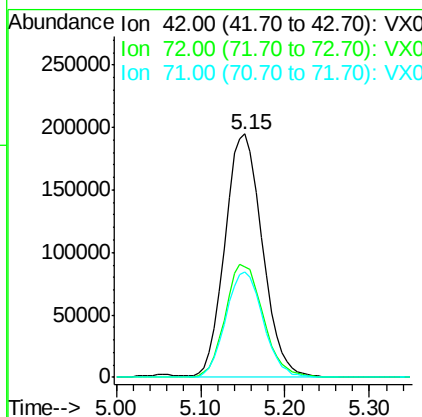
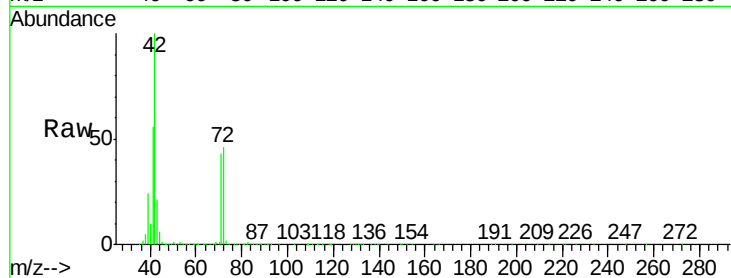
#29
Tetrahydrofuran
Concen: 237.966 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	38.9	58.3
71	43.4	36.2	54.4

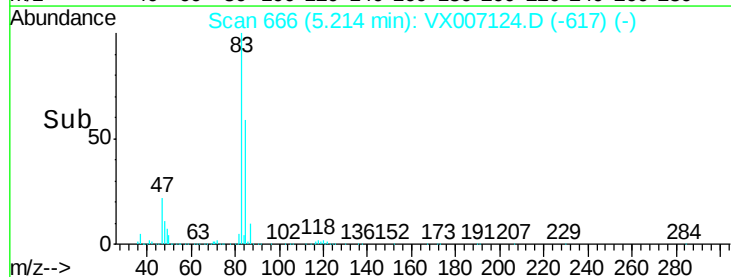
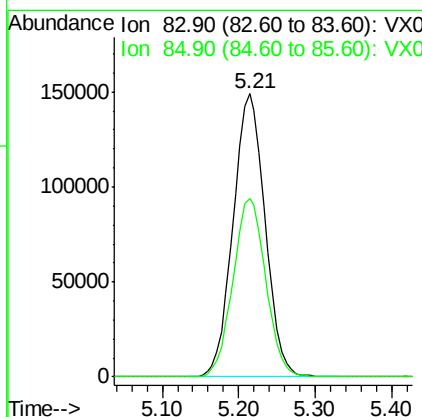
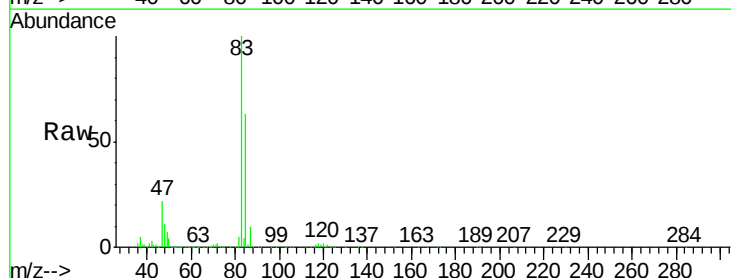
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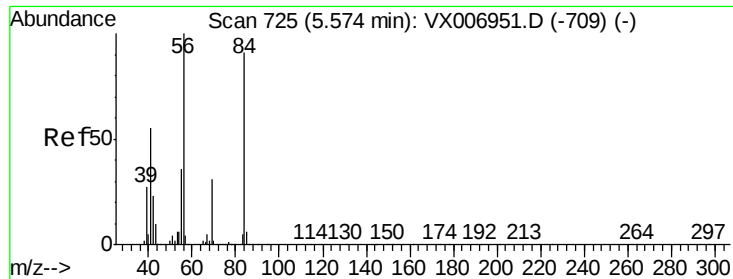
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1/21/2019 9:38:49 AM



#30
Chloroform
Concen: 48.621 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.2	76.8





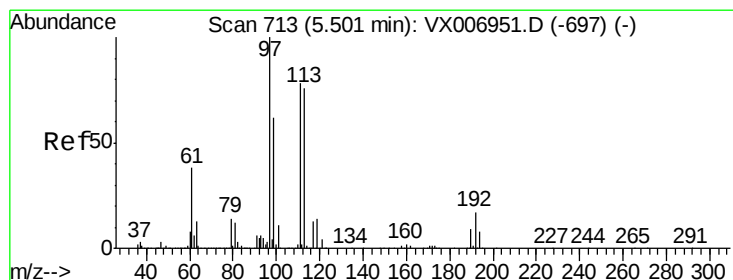
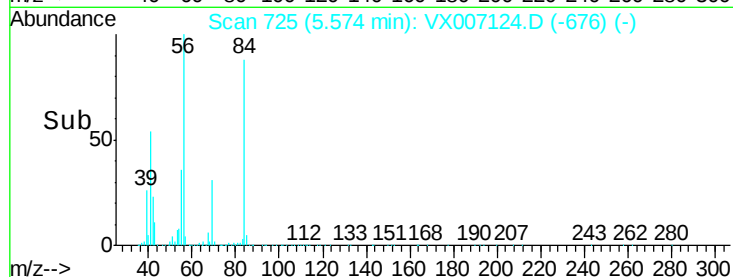
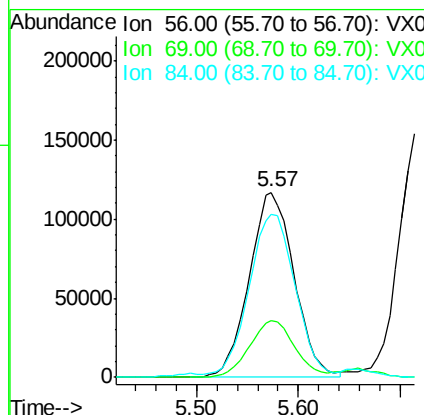
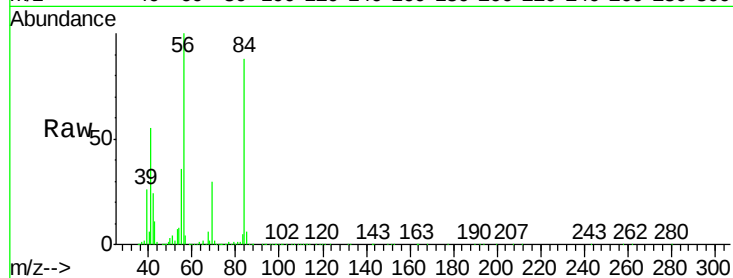
#31
Cyclohexane
Concen: 47.007 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.4	36.6
84	86.1	70.0	105.0

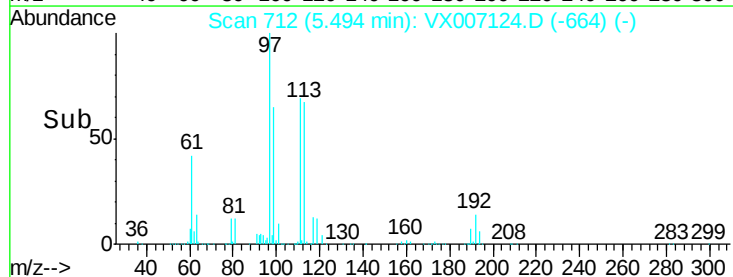
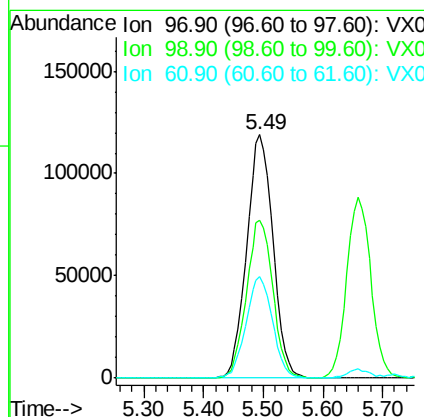
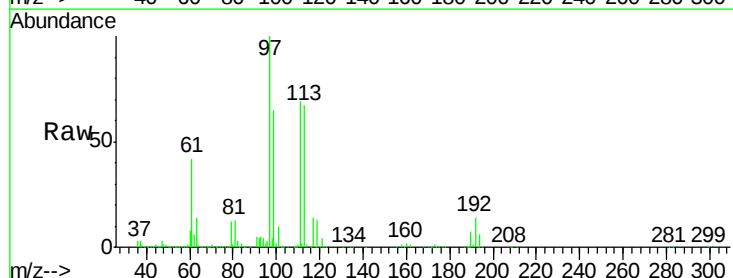
Manual Integrations
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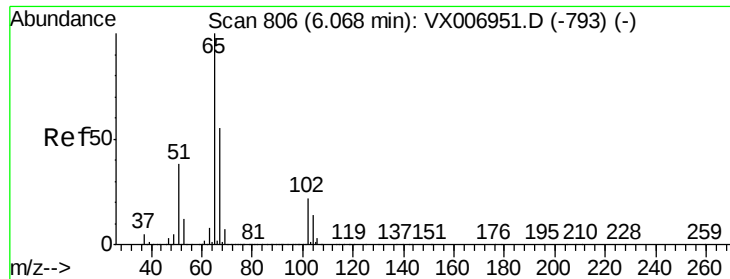
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 48.453 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.7	77.5
61	41.7	31.3	46.9





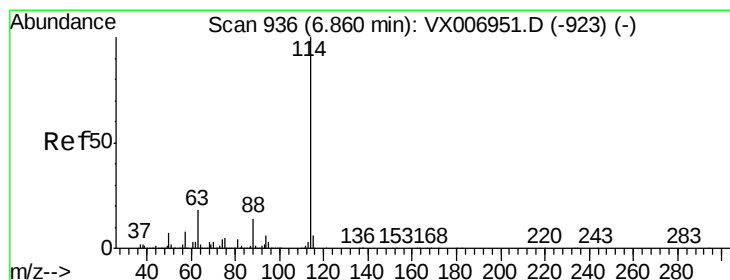
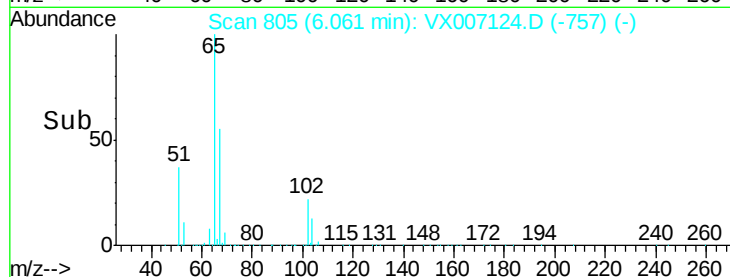
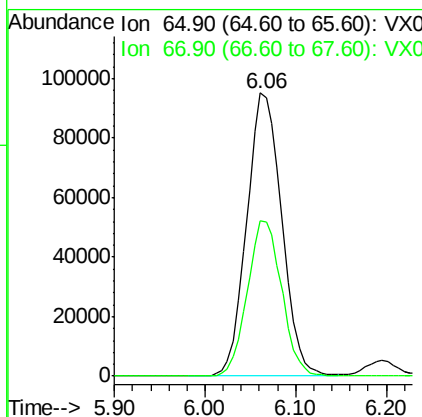
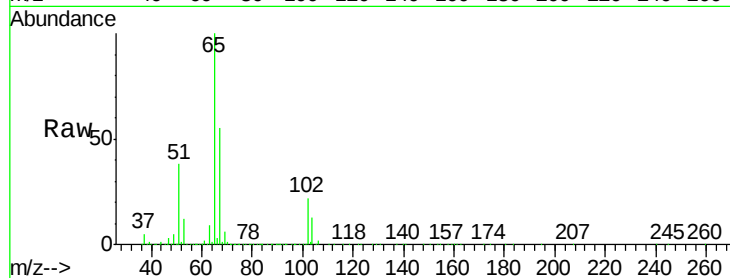
#33
 1,2-Dichloroethane-d4
 Concen: 47.314 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX007124.D
 Acq: 18 Jan 2019 10:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	253760		
67	53.9	0.0	105.0	

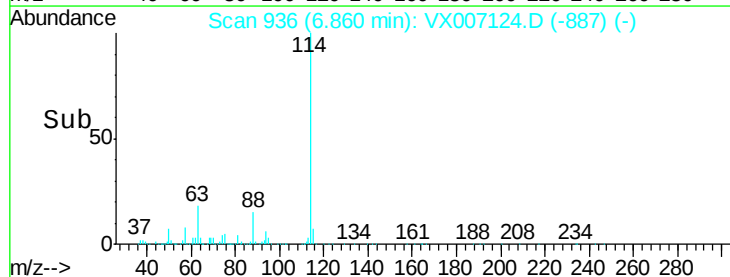
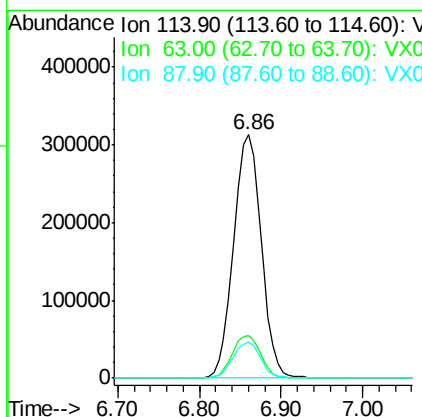
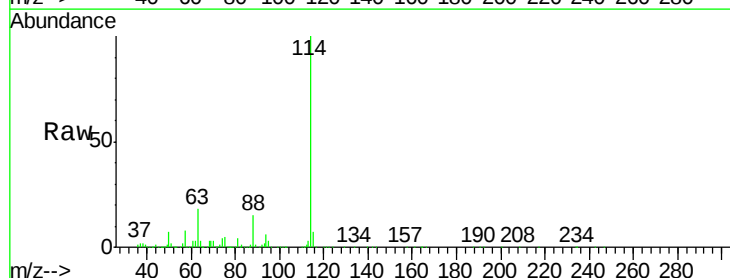
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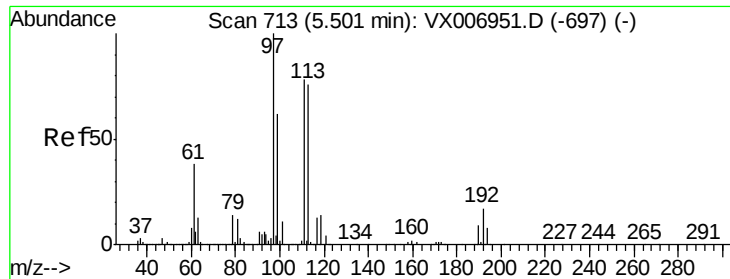
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007124.D
 Acq: 18 Jan 2019 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	734737		
63	17.5	0.0	34.8	
88	15.1	0.0	28.8	





#35

Dibromofluoromethane

Concen: 49.029 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

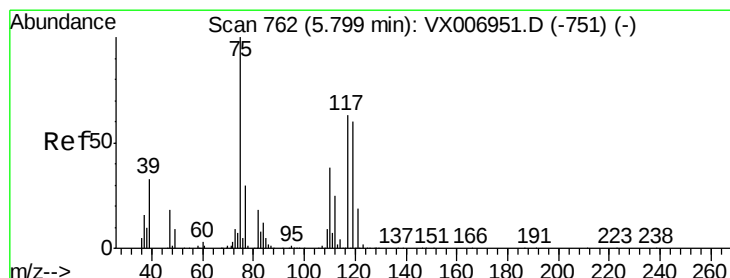
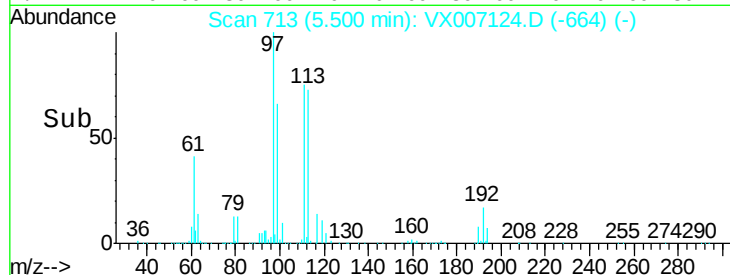
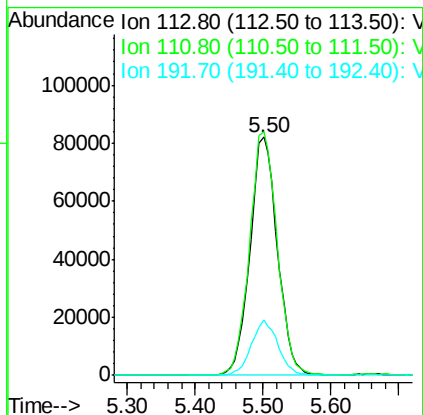
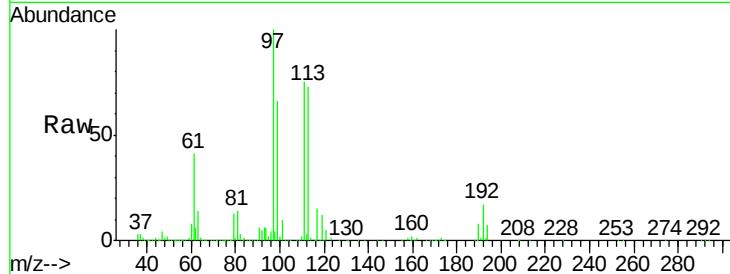
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	230691
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.6	122.4
192	22.5	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.693 ug/l

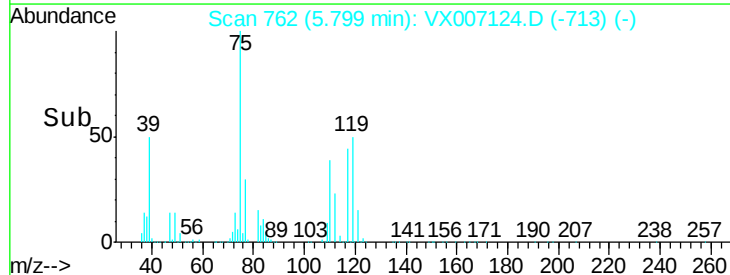
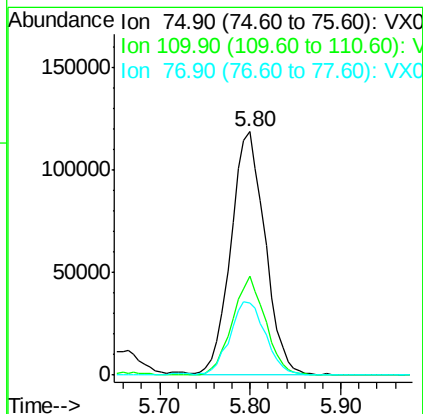
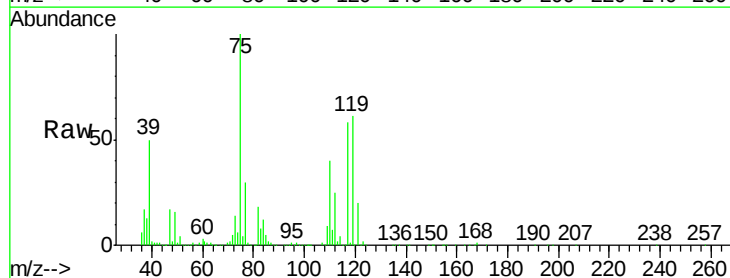
RT: 5.80 min Scan# 762

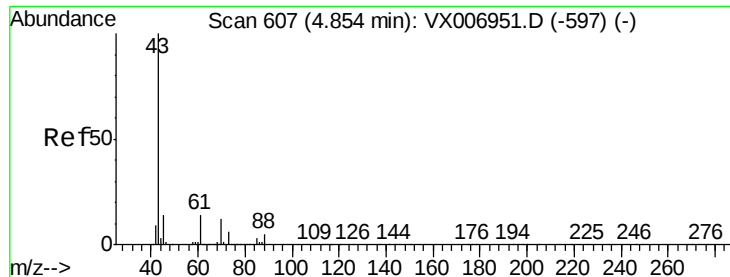
Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Tgt Ion:	75	Resp:	311046
Ion Ratio	Lower	Upper	
75	100		
110	39.2	20.2	60.5
77	31.7	24.8	37.2





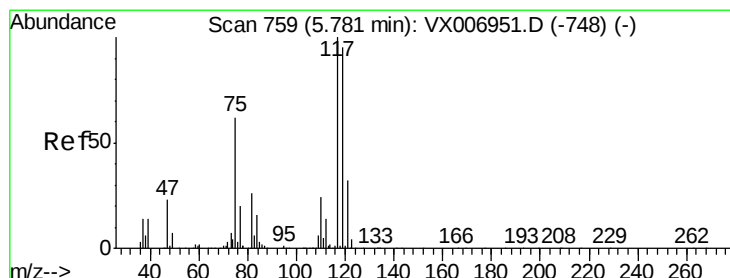
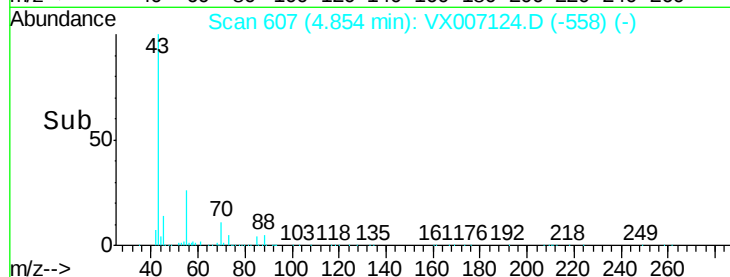
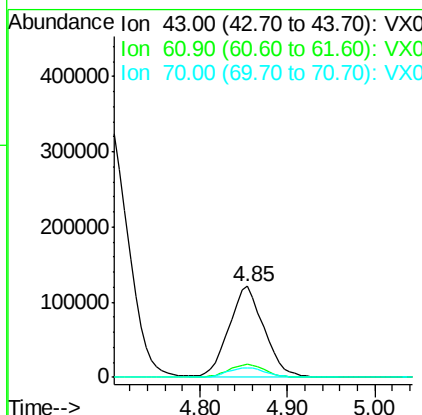
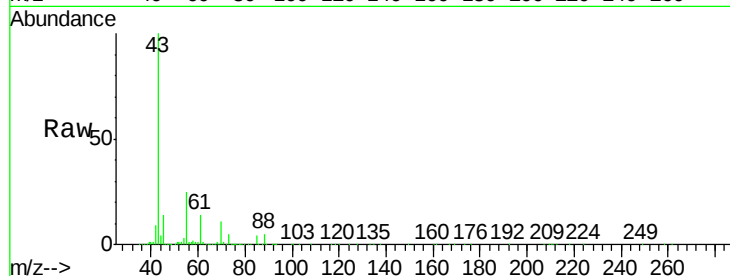
#37
Ethyl Acetate
Concen: 49.330 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.9	17.9
70	11.4	9.7	14.5

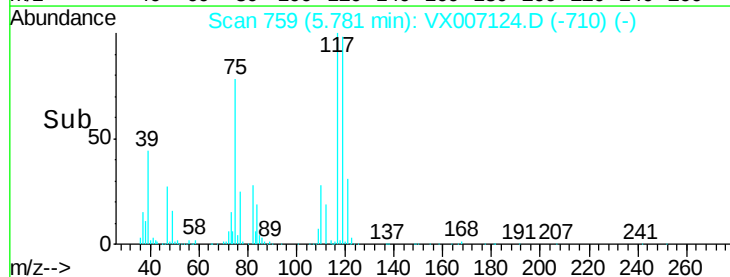
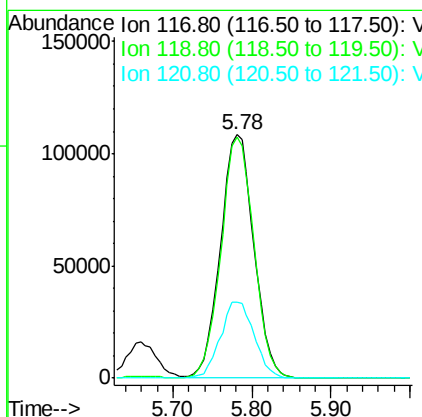
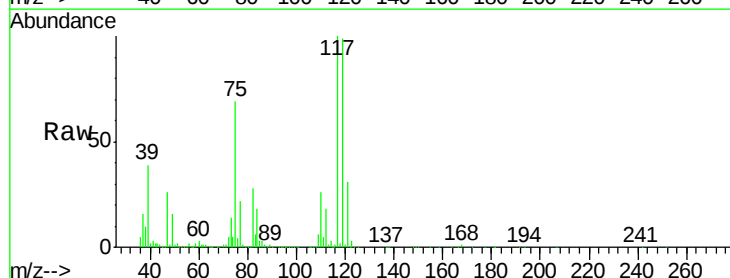
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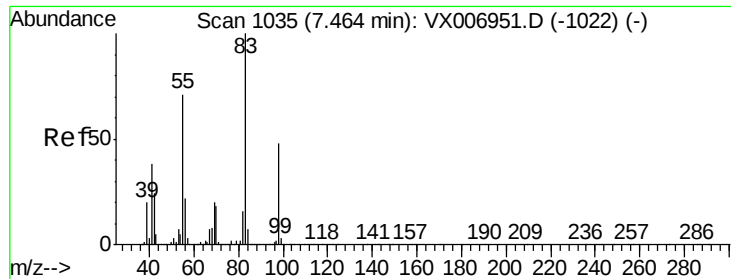
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#38
Carbon Tetrachloride
Concen: 49.552 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.8	79.4	119.2
121	31.0	24.0	36.0





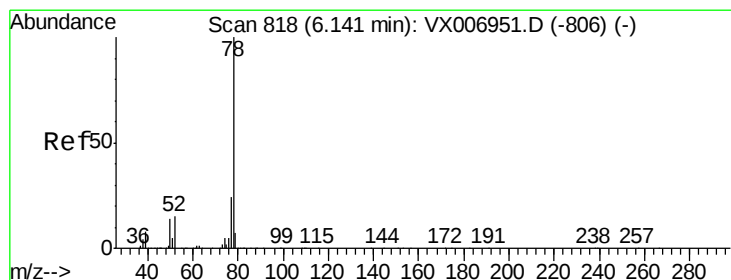
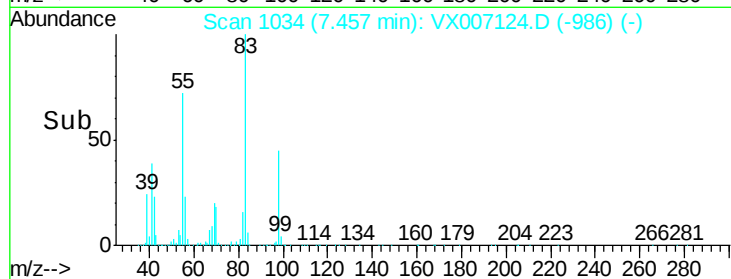
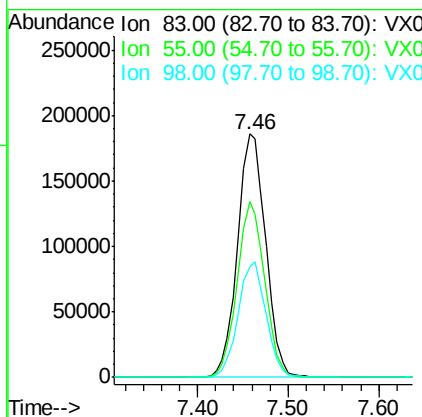
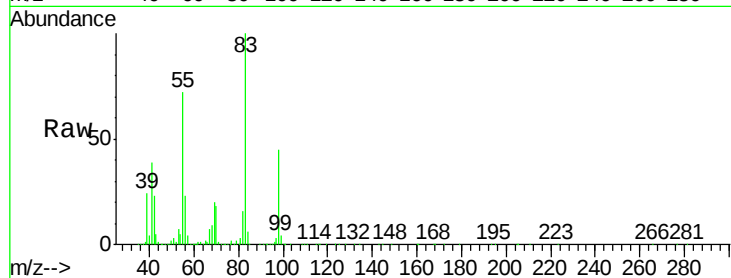
#39
Methvlcvclohexane
Concen: 49.229 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	400903		
55	71.9		54.9	82.3
98	45.5		37.9	56.9

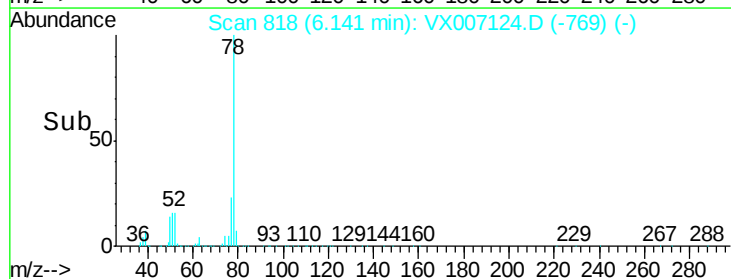
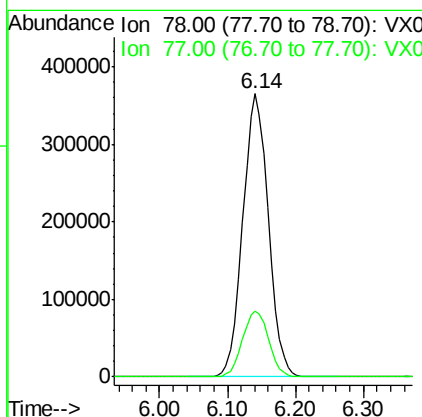
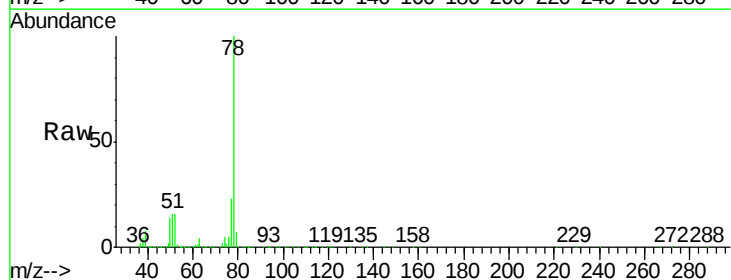
Manual Integrations
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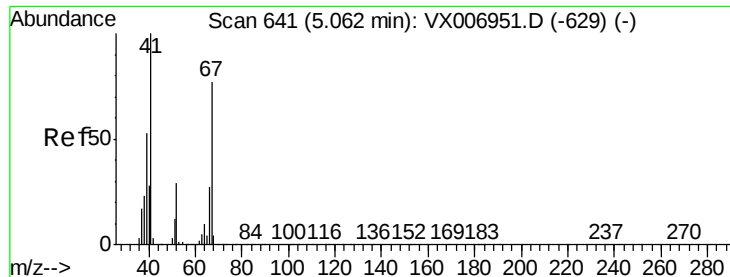
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#40
Benzene
Concen: 48.840 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	951960		
77	23.3		19.2	28.8





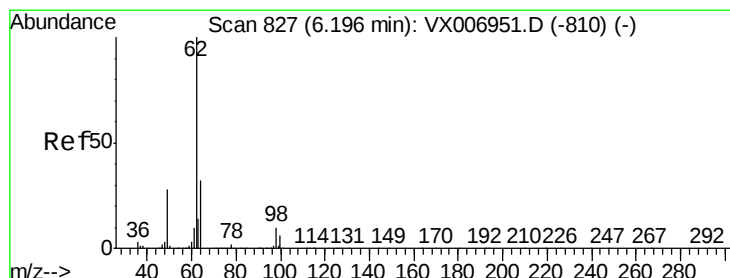
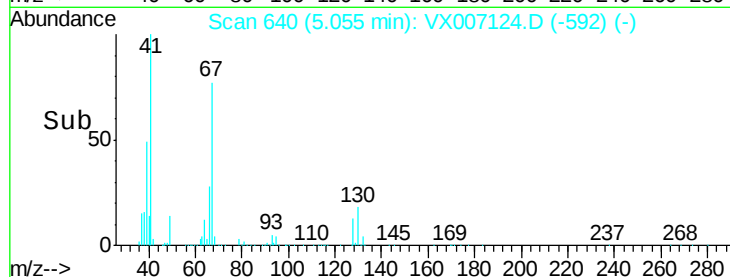
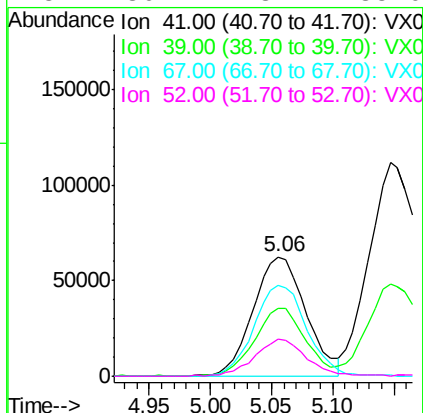
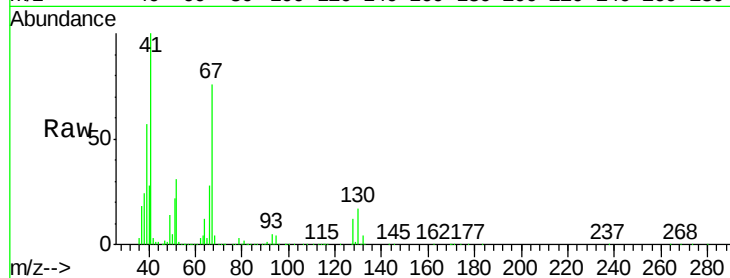
#41
Methacrylonitrile
Concen: 47.386 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	186950
Ion Ratio	Lower	Upper	
41	100		
39	54.1	42.8	64.2
67	76.7	62.1	93.1
52	30.1	23.4	35.0

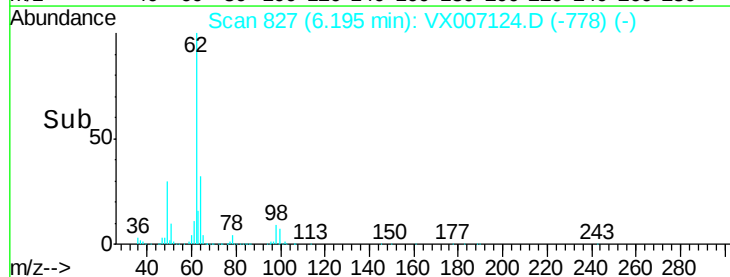
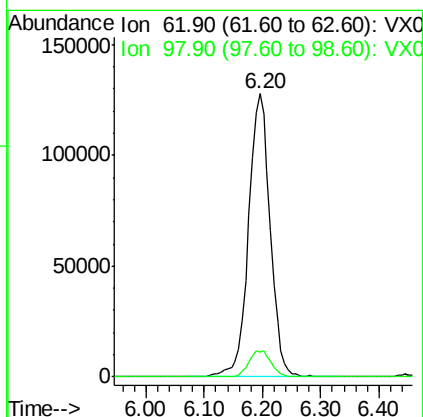
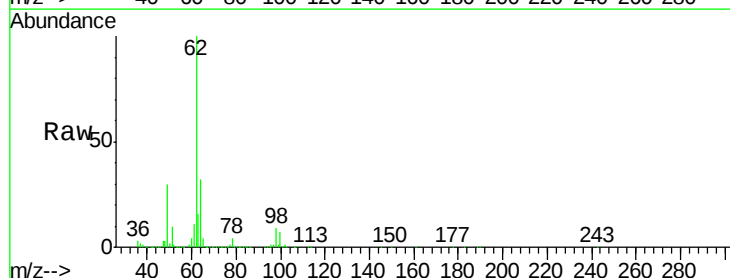
Manual Integrations
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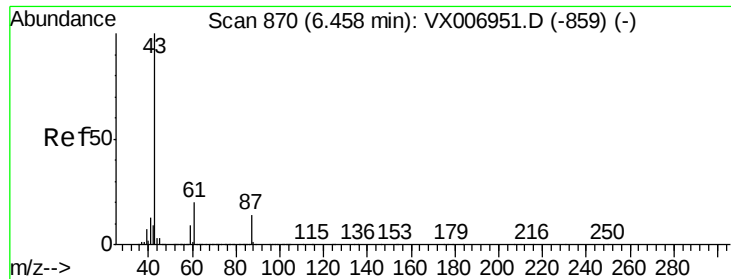
MMDadoda
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#42
1,2-Dichloroethane
Concen: 48.720 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion:	62	Resp:	328152
Ion Ratio	Lower	Upper	
62	100		
98	9.7	0.0	20.2





#43

Isopropyl Acetate

Concen: 50.395 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

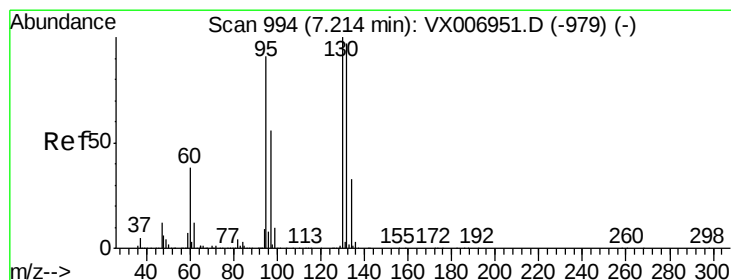
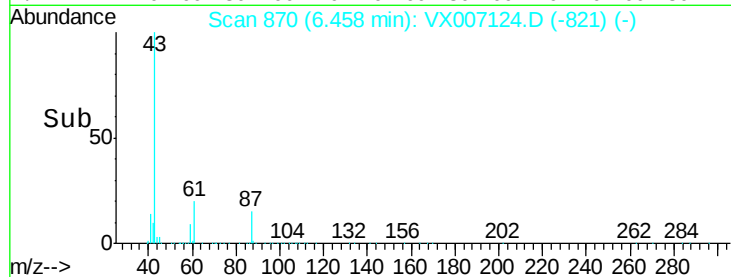
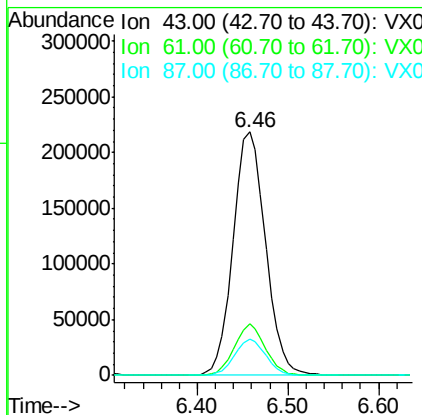
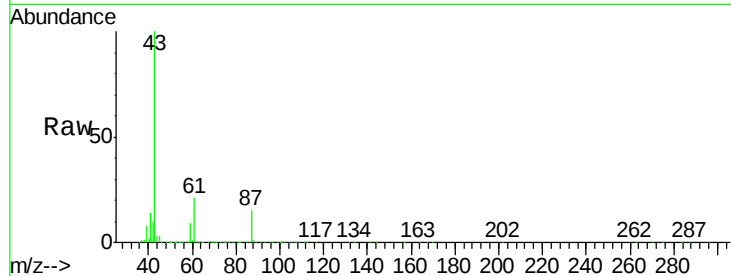
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	544392
Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.8	25.2
87	14.5	12.4	18.6

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#44

Trichloroethene

Concen: 48.815 ug/l

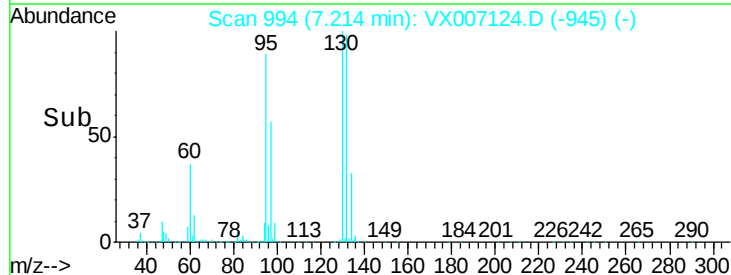
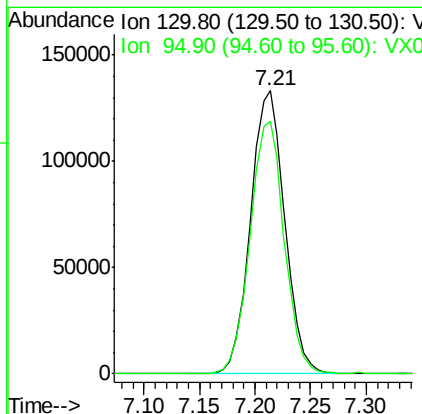
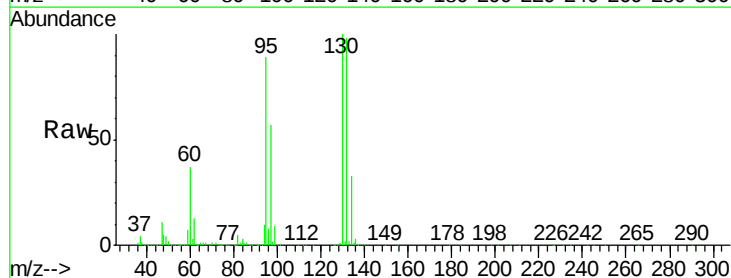
RT: 7.21 min Scan# 994

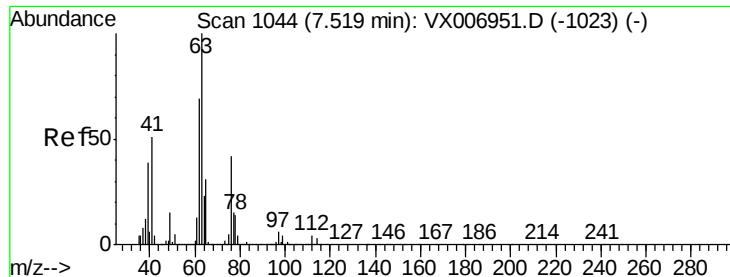
Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Tgt Ion:	130	Resp:	285118
Ion	Ratio	Lower	Upper
130	100		
95	89.4	0.0	187.0





#45

1,2-Dichloropropane

Concen: 49.413 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 242134

Ion Ratio Lower Upper

63 100

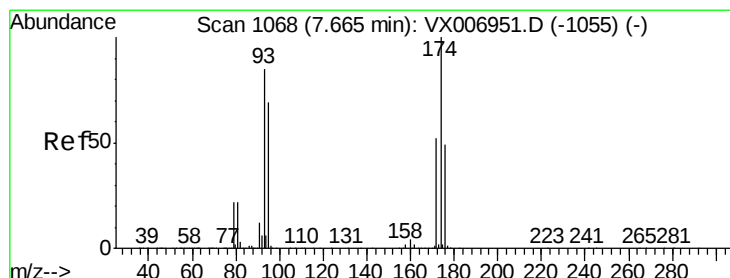
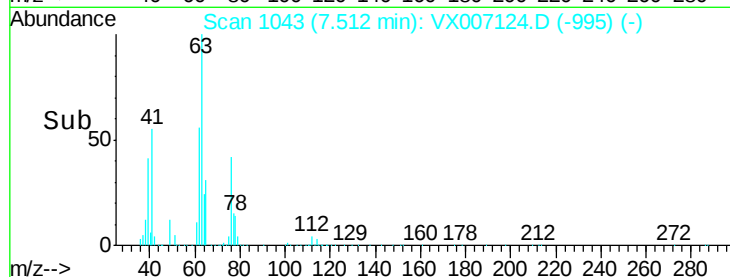
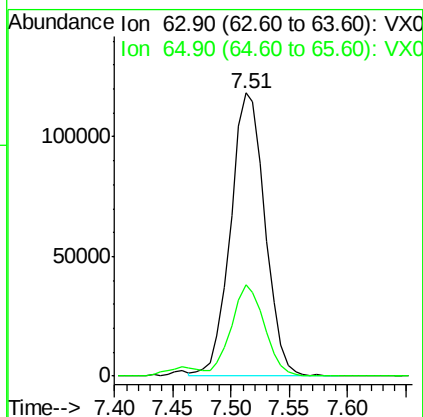
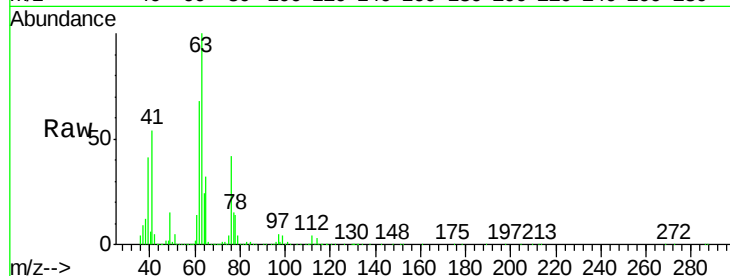
65 32.1 25.4 38.0

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#46

Dibromomethane

Concen: 49.982 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

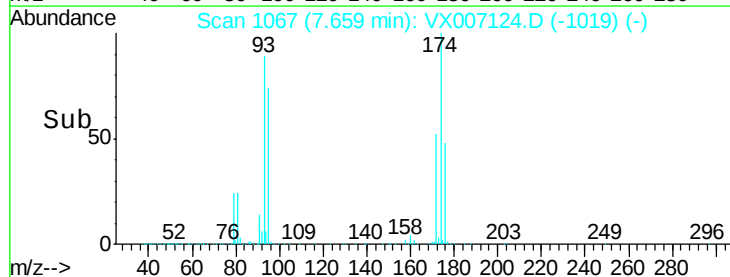
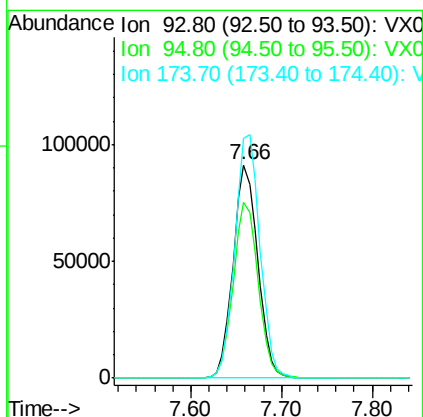
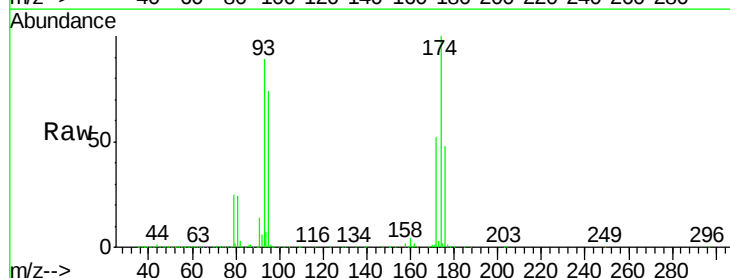
Tgt Ion: 93 Resp: 172134

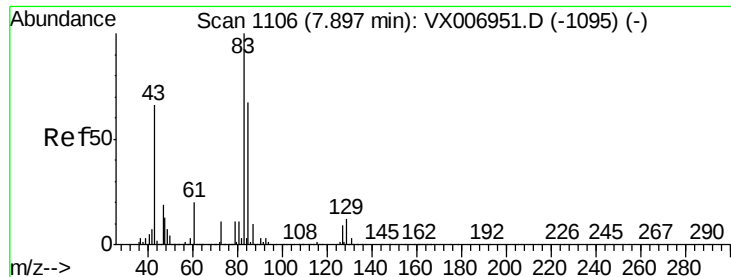
Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.4

174 116.7 91.0 136.4





#47

Bromodichloromethane

Concen: 52.166 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

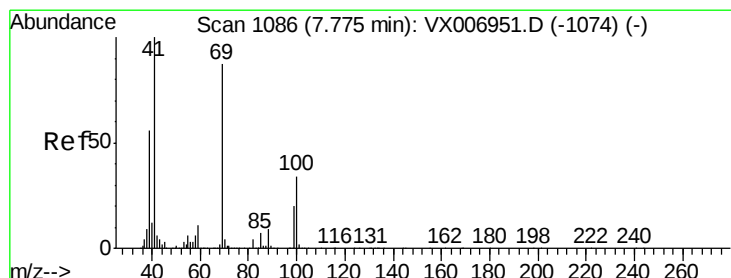
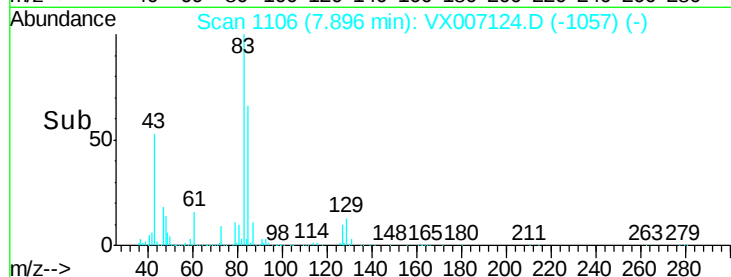
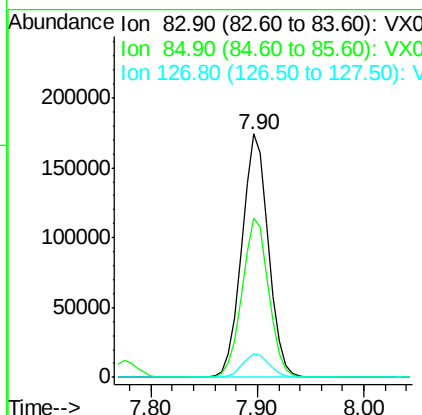
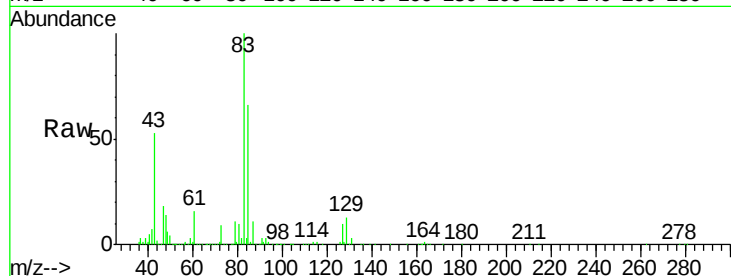
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	305799
Ion	Ratio	Lower	Upper
83	100		
85	65.5	53.2	79.8
127	9.8	7.8	11.6

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#48

Methyl methacrylate

Concen: 50.742 ug/l

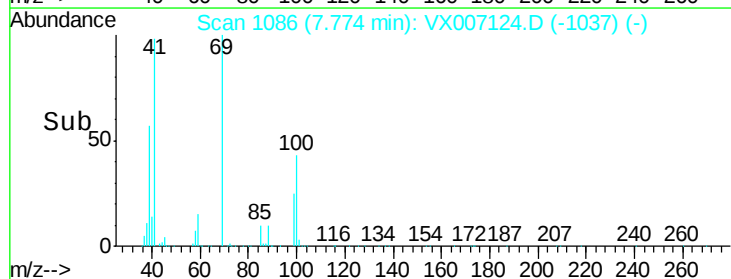
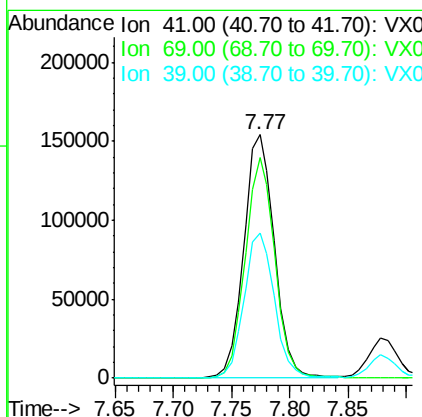
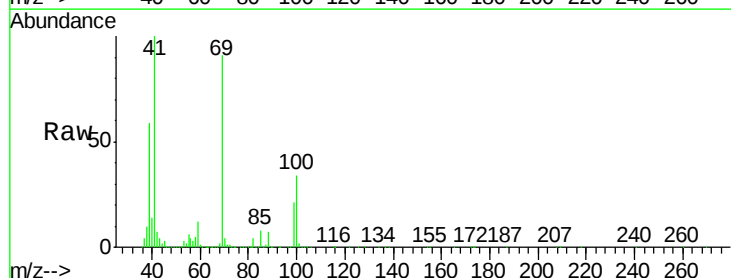
RT: 7.77 min Scan# 1086

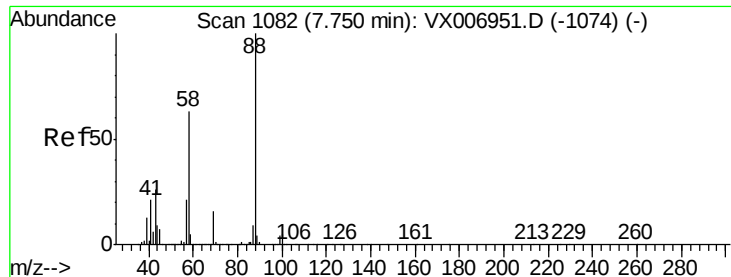
Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Tgt Ion:	41	Resp:	281490
Ion	Ratio	Lower	Upper
41	100		
69	88.2	72.4	108.6
39	58.9	45.8	68.8





#49

1,4-Dioxane

Concen: 967.407 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

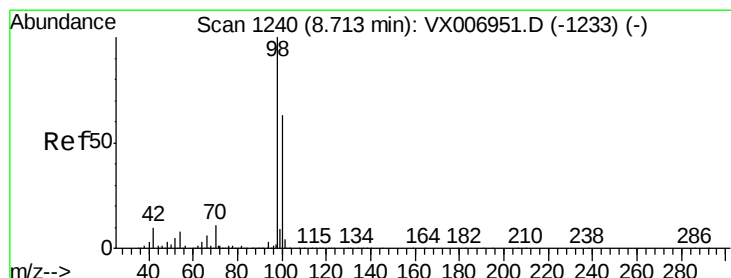
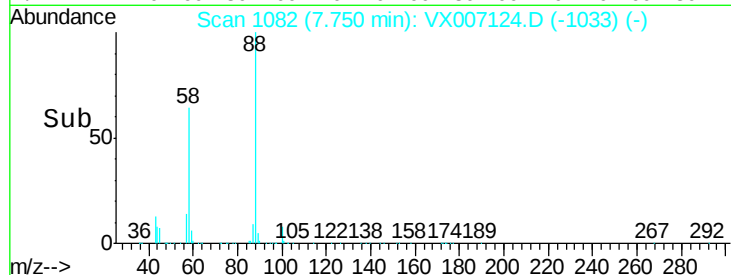
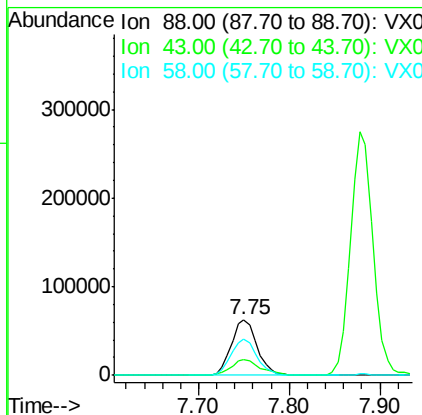
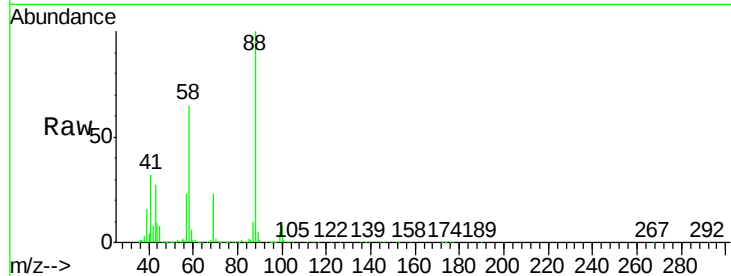
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	122594
Ion	Ratio	Lower	Upper
88	100		
43	31.6	22.2	33.4
58	65.8	51.0	76.4

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#50

Toluene-d8

Concen: 50.285 ug/l

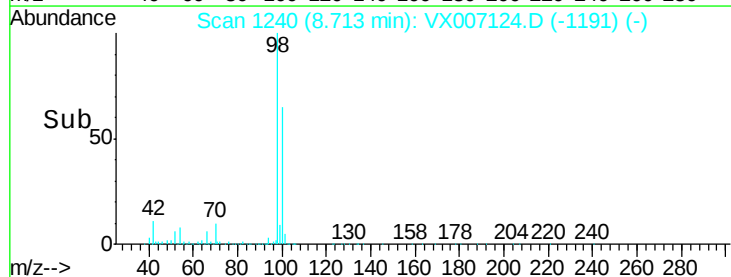
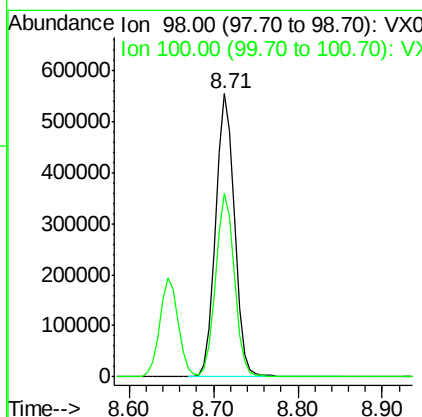
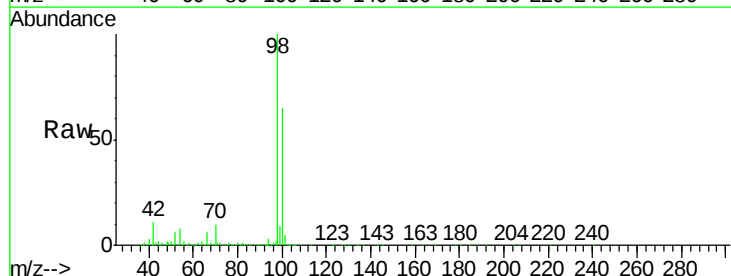
RT: 8.71 min Scan# 1240

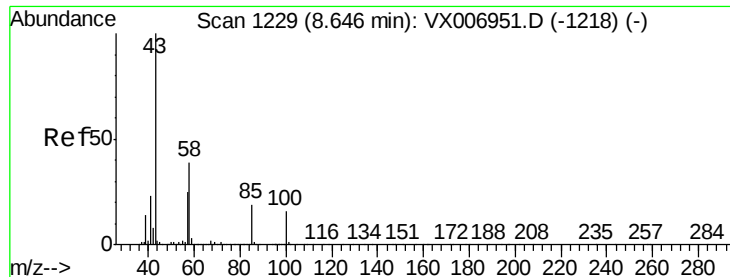
Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Tgt Ion:	98	Resp:	866031
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 259.830 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1803827

Ion Ratio Lower Upper

43 100

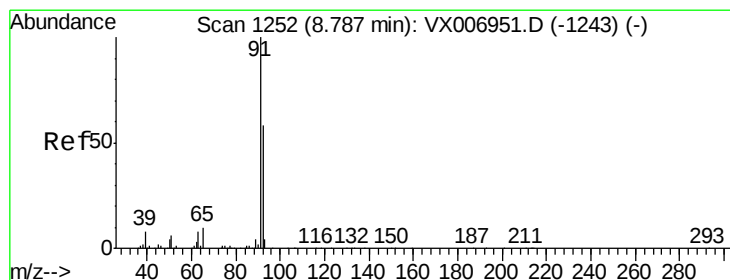
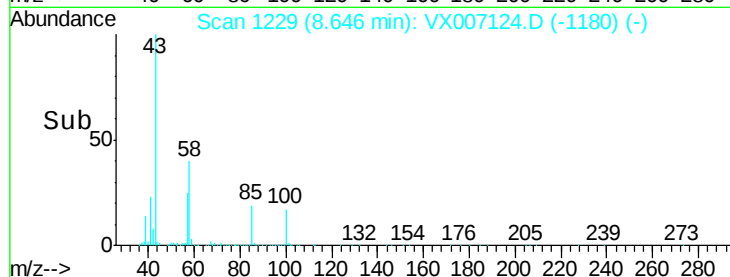
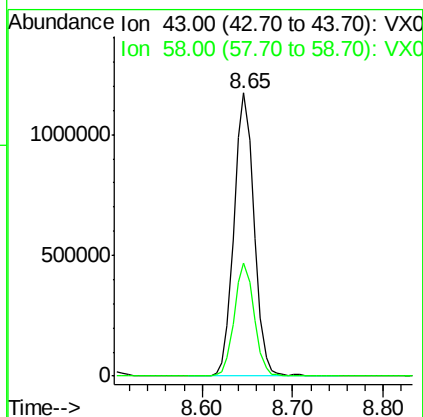
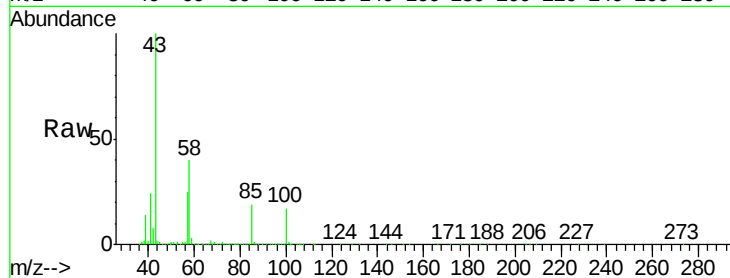
58 39.4 31.8 47.6

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#52

Toluene

Concen: 49.736 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007124.D

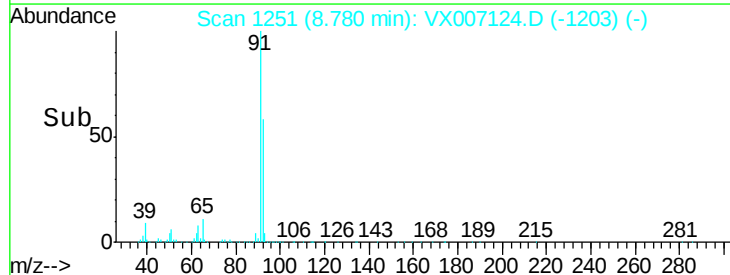
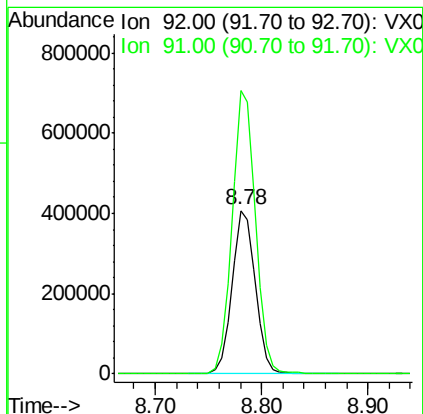
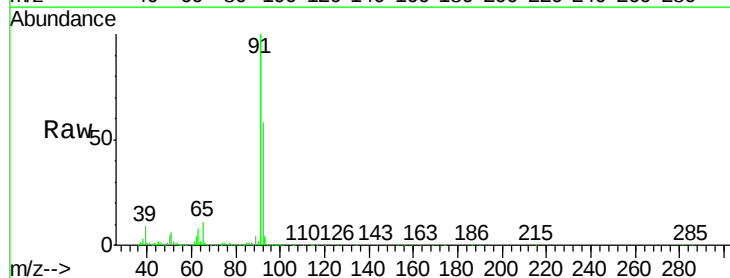
Acq: 18 Jan 2019 10:13

Tgt Ion: 92 Resp: 623085

Ion Ratio Lower Upper

92 100

91 175.0 137.6 206.4





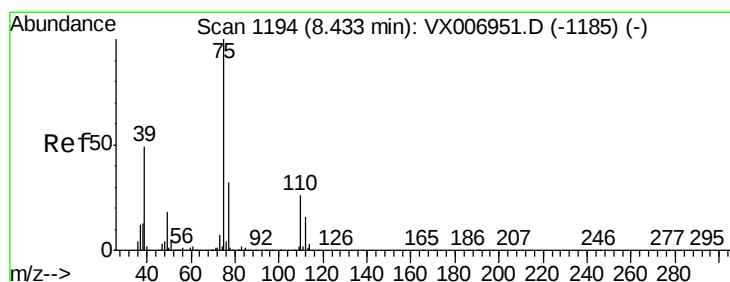
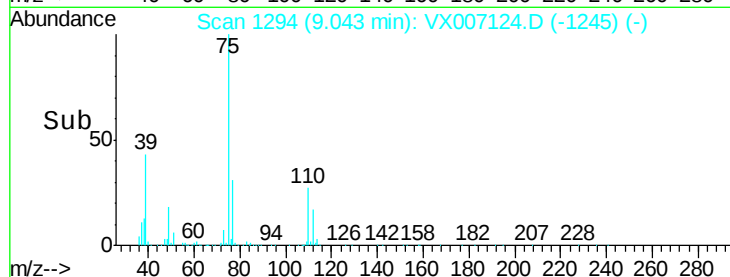
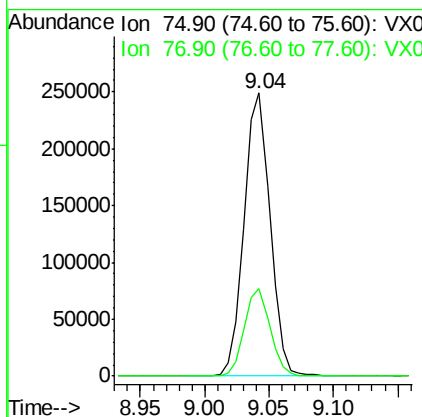
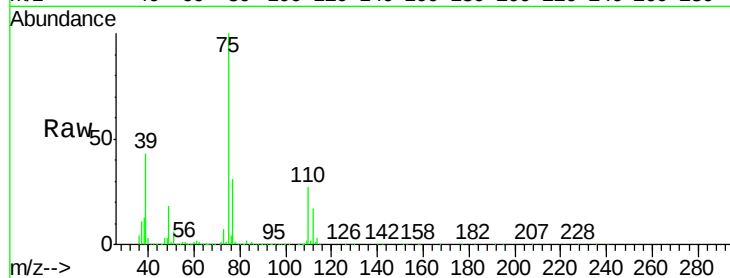
#53
t-1,3-Dichloropropene
Concen: 53.251 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.4	38.0

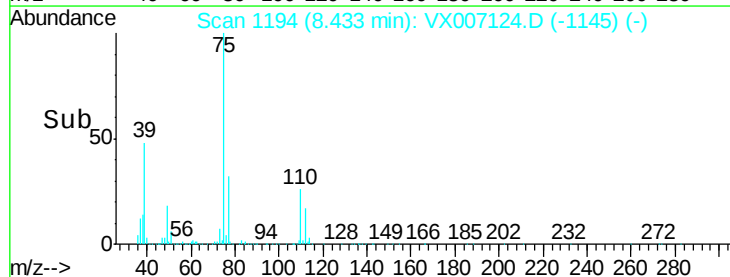
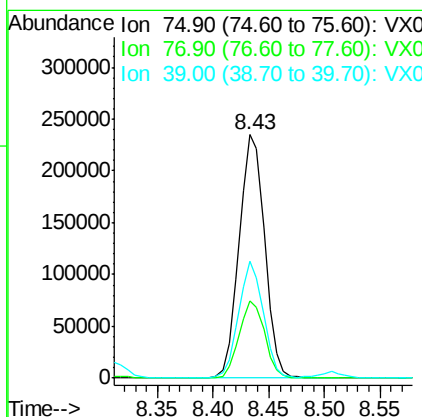
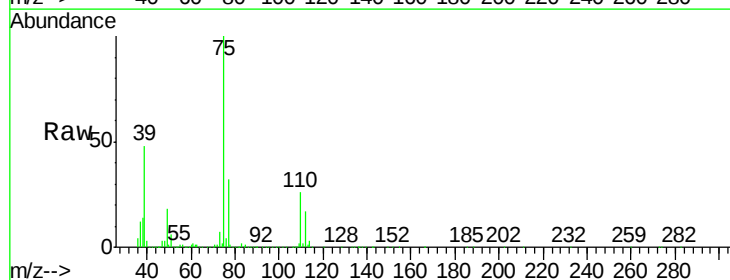
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#54
cis-1,3-Dichloropropene
Concen: 52.123 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.2	39.2
39	47.9	36.7	55.1





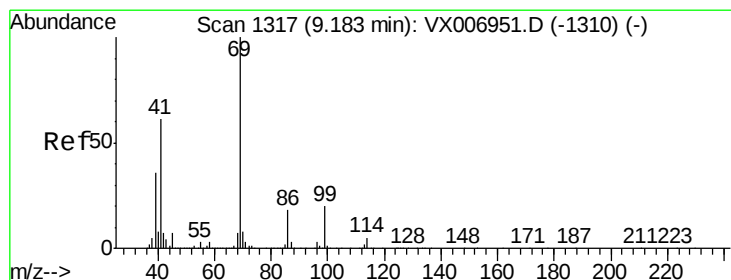
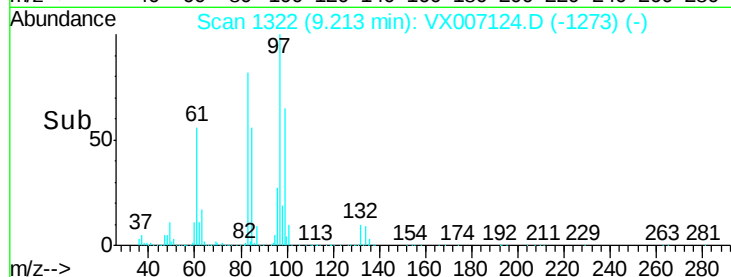
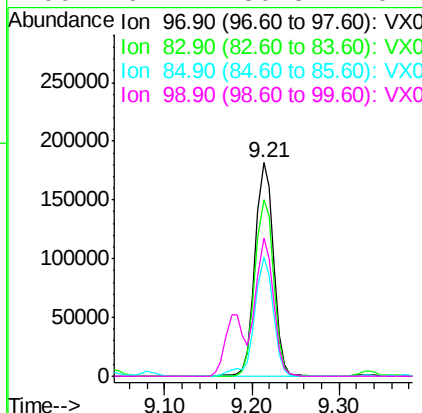
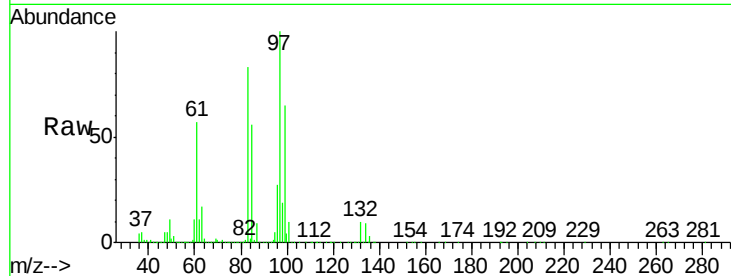
#55
 1,1,2-Trichloroethane
 Concen: 53.073 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007124.D
 Acq: 18 Jan 2019 10:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		266133		
83	82.5	66.6	99.8		
85	55.5	42.7	64.1		
99	64.7	50.8	76.2		

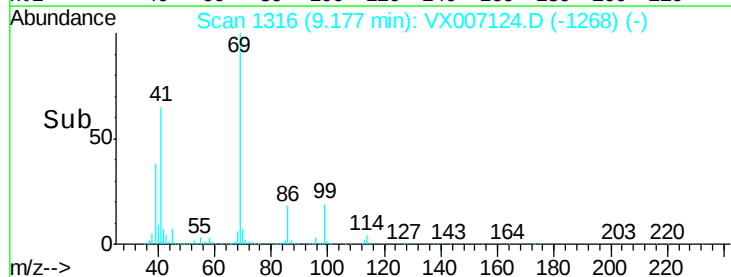
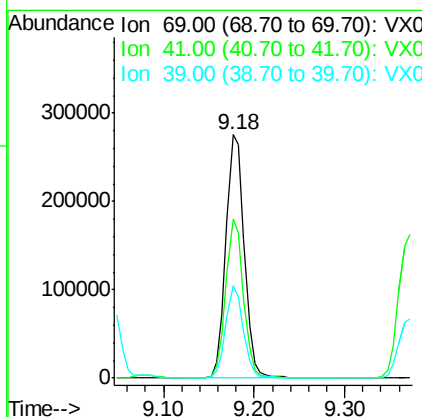
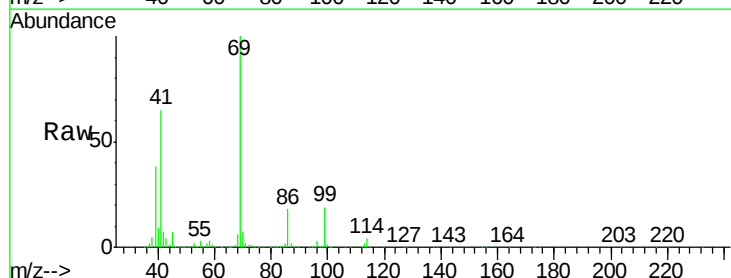
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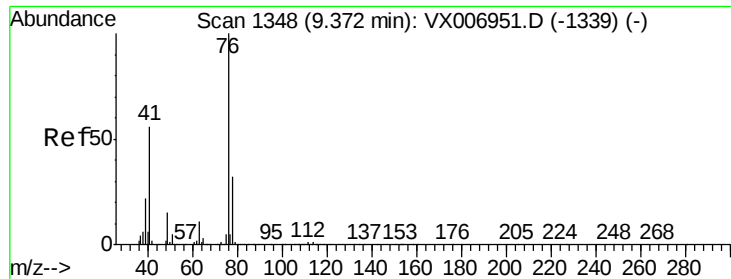
MMDadoda
 1/21/2019 9:38:49 AM



#56
 Ethyl methacrylate
 Concen: 53.077 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX007124.D
 Acq: 18 Jan 2019 10:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		388546		
41	62.9	48.7	73.1		
39	36.6	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 51.198 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 420598

Ion Ratio Lower Upper

76 100

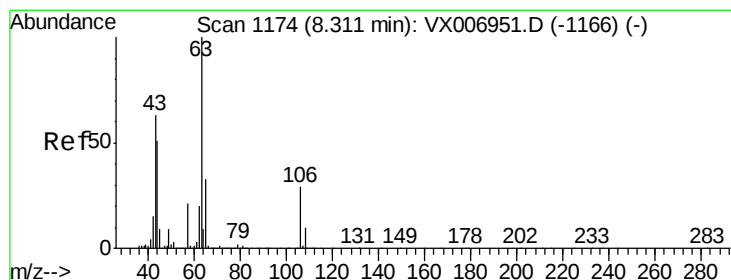
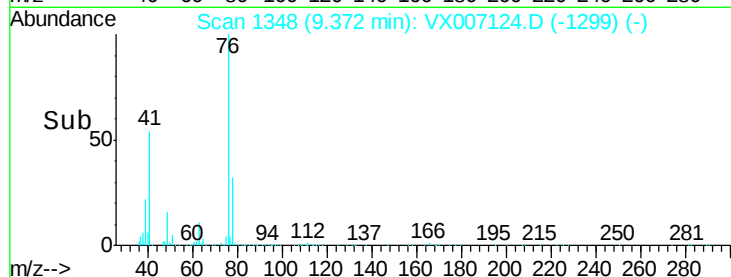
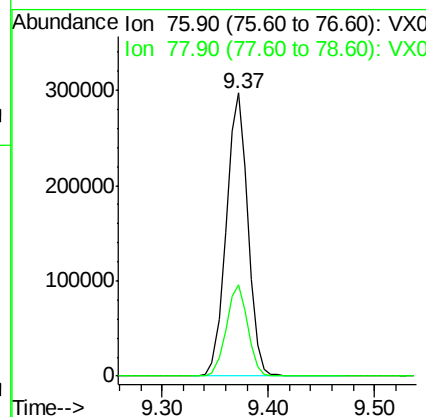
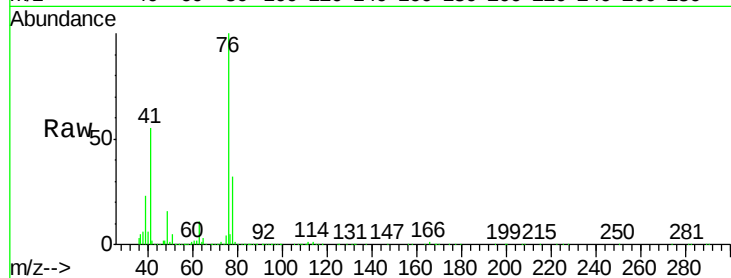
78 32.1 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 277.821 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007124.D

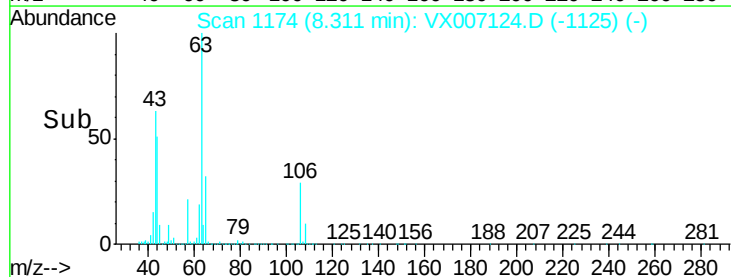
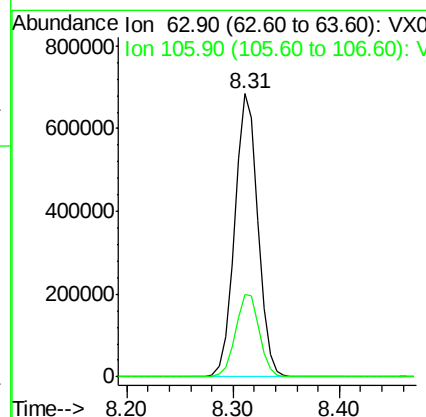
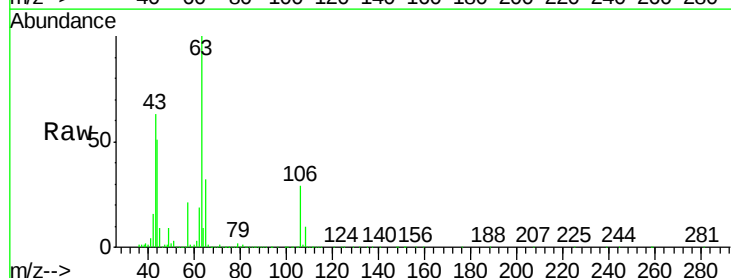
Acq: 18 Jan 2019 10:13

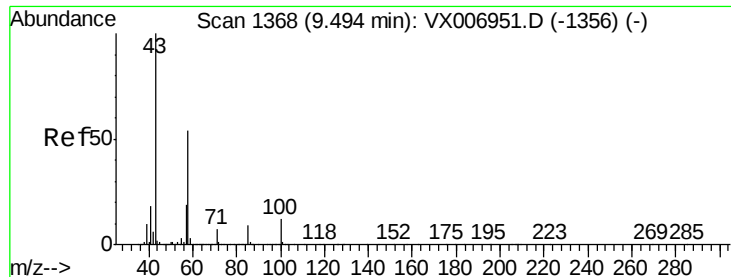
Tgt Ion: 63 Resp: 1045677

Ion Ratio Lower Upper

63 100

106 30.1 24.6 36.8





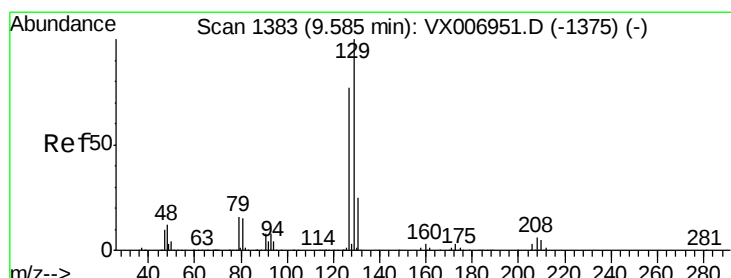
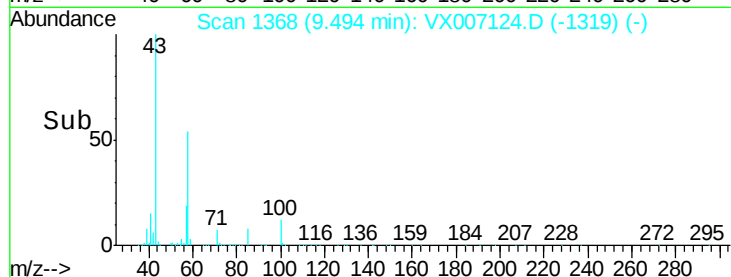
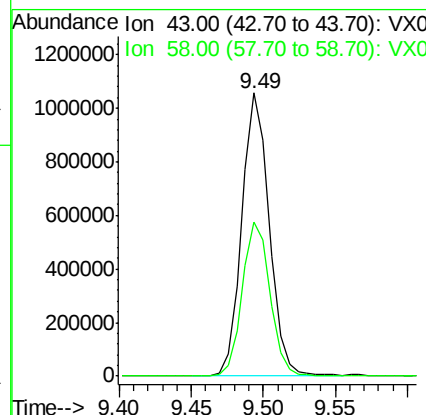
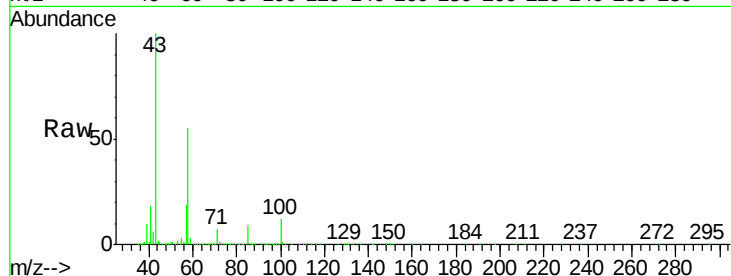
#59
2-Hexanone
Concen: 264.564 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1399660
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1

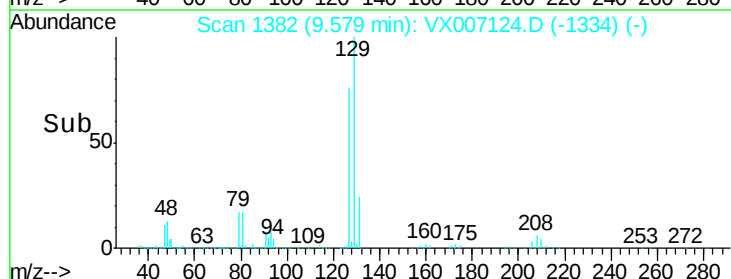
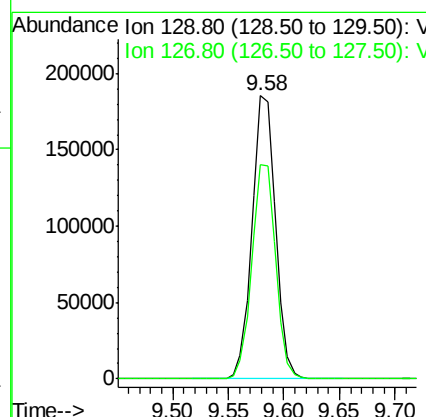
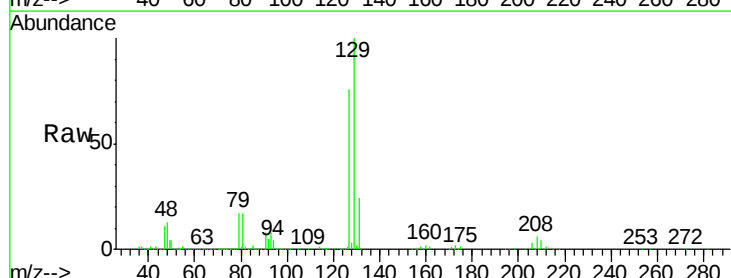
Manual Integrations
APPROVED

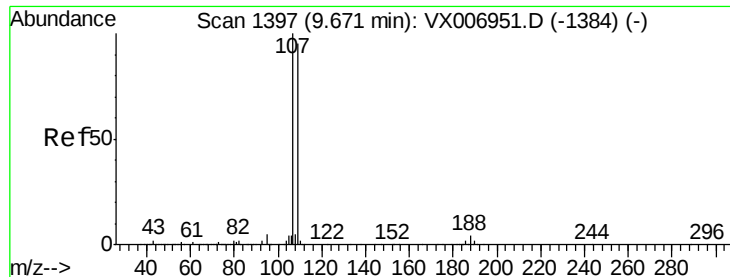
MMDadoda
1/21/2019 9:38:49 AM



#60
Dibromochloromethane
Concen: 55.943 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion: 129 Resp: 272396
Ion Ratio Lower Upper
129 100
127 76.7 39.3 117.8





#61

1,2-Dibromoethane

Concen: 52.104 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 287633

Ion Ratio Lower Upper

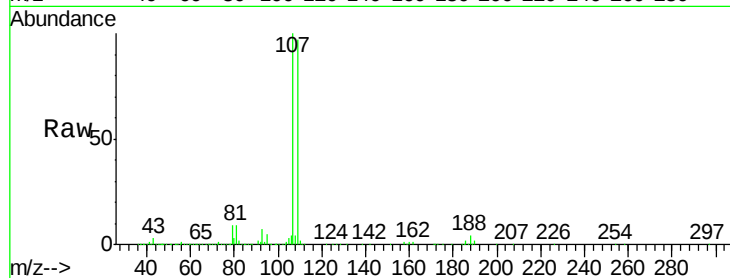
107 100

109 94.4 75.8 113.6

Manual Integrations
APPROVED

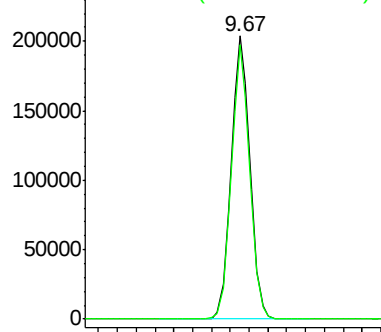
MMDadoda

1/21/2019 9:38:49 AM

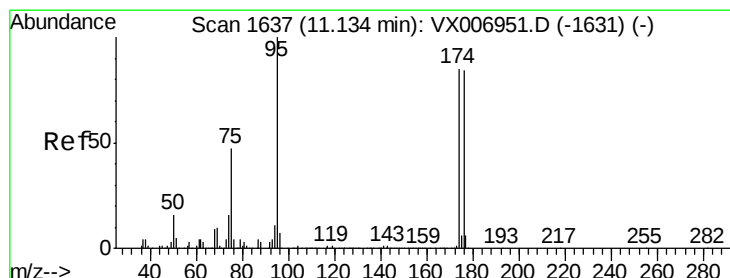
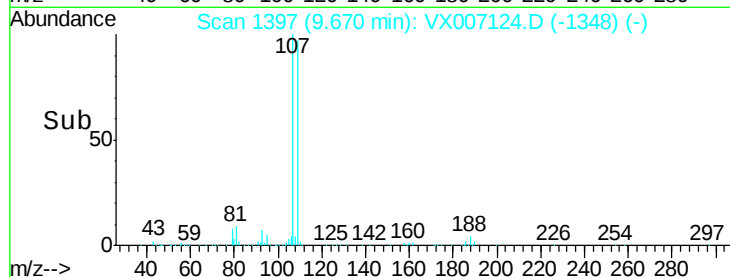


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 52.787 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

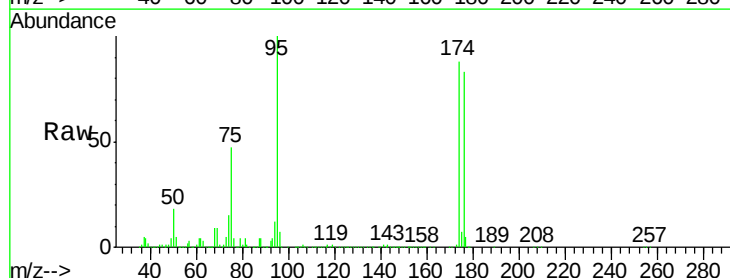
Tgt Ion: 95 Resp: 316945

Ion Ratio Lower Upper

95 100

174 93.4 0.0 182.2

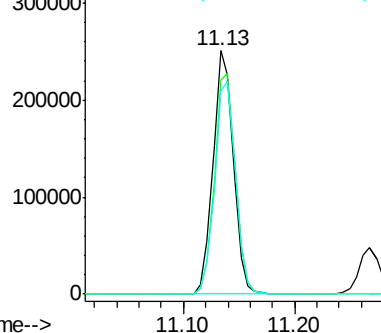
176 89.7 0.0 178.8



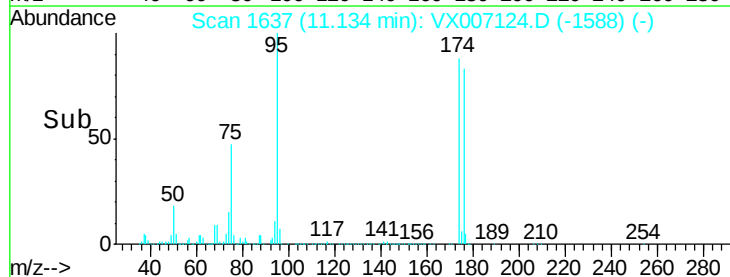
Abundance Ion 94.90 (94.60 to 95.60): VX0

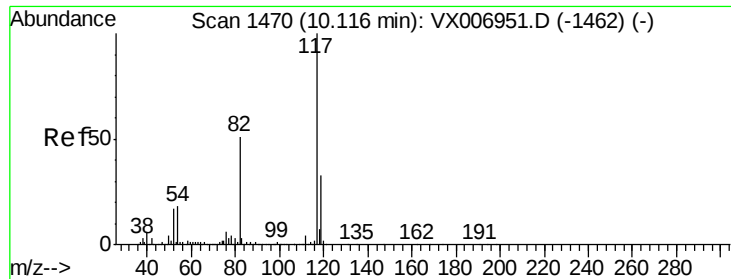
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





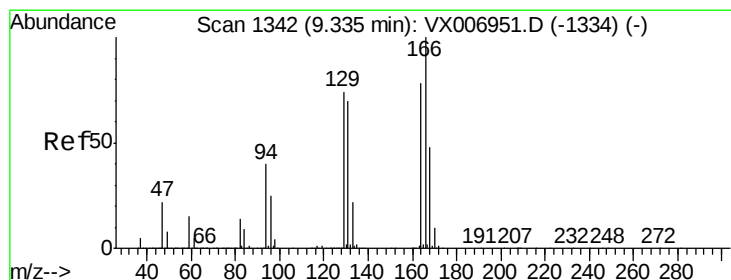
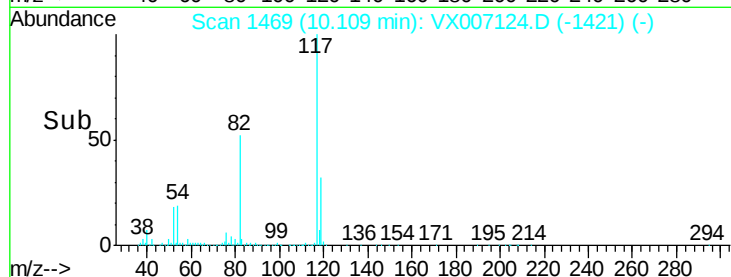
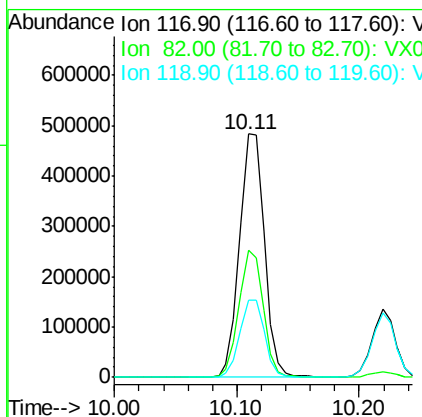
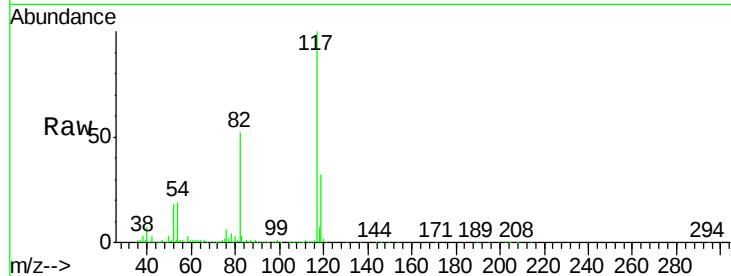
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	681648		
82	52.0	41.0	61.6	
119	31.8	25.4	38.0	

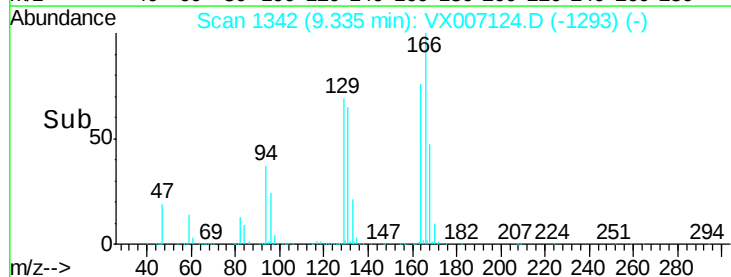
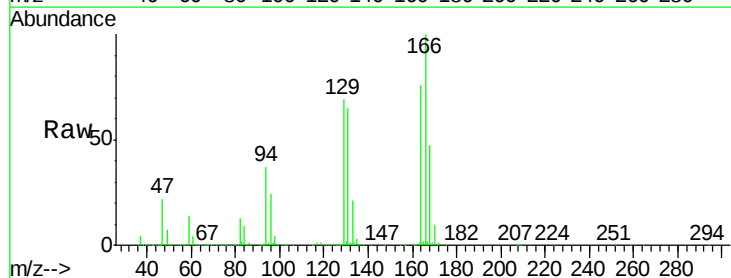
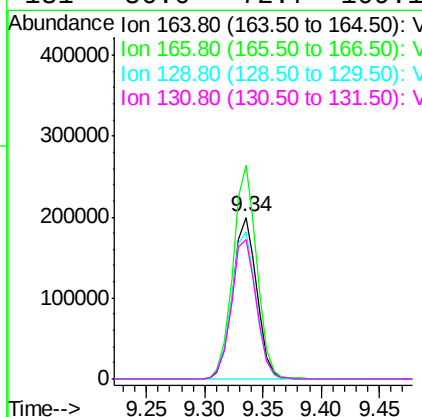
Manual Integrations
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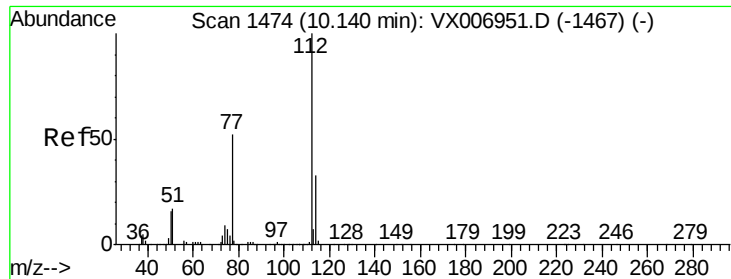
MMDadoda
1/21/2019 9:38:49 AM



#64
Tetrachloroethene
Concen: 49.169 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	290173		
166	131.9	102.5	153.7	
129	90.9	75.1	112.7	
131	86.0	72.7	109.1	





#65

Chlorobenzene

Concen: 49.313 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 733141

Ion Ratio Lower Upper

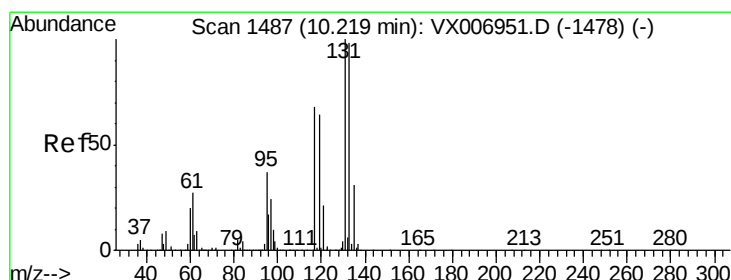
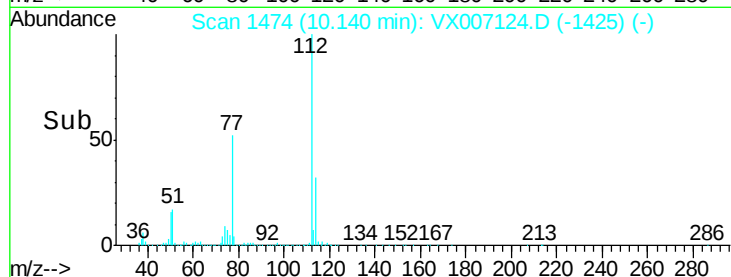
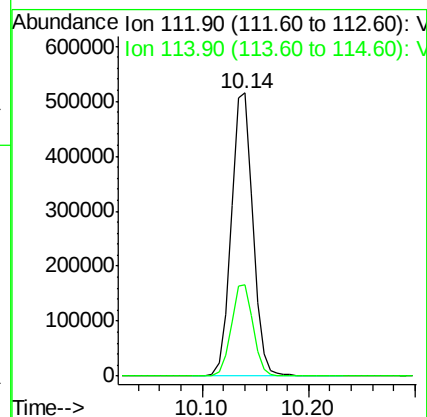
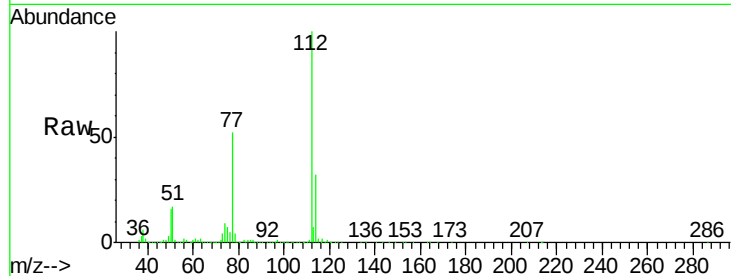
112 100

114 32.4 25.7 38.5

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 53.122 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

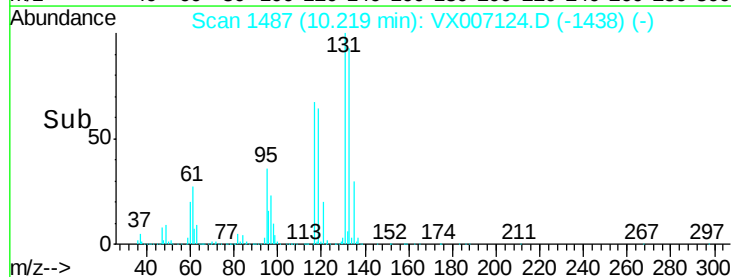
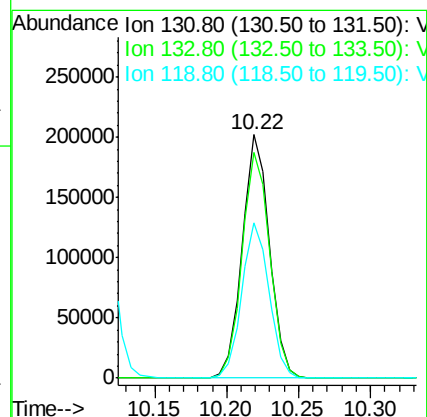
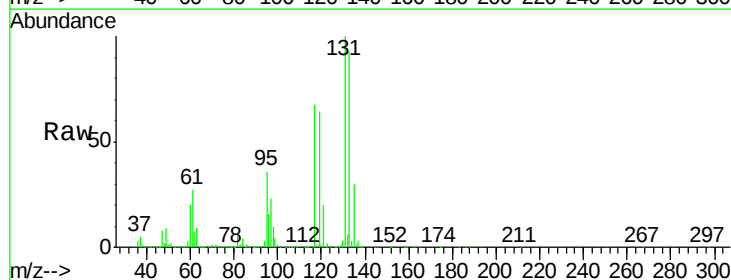
Tgt Ion:131 Resp: 265681

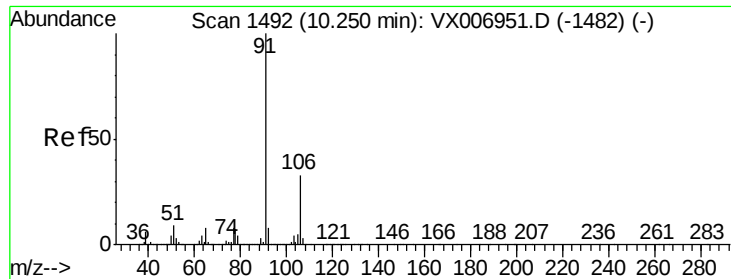
Ion Ratio Lower Upper

131 100

133 94.5 48.0 144.2

119 63.9 32.6 97.8





#67

Ethyl Benzene

Concen: 49.545 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1216016

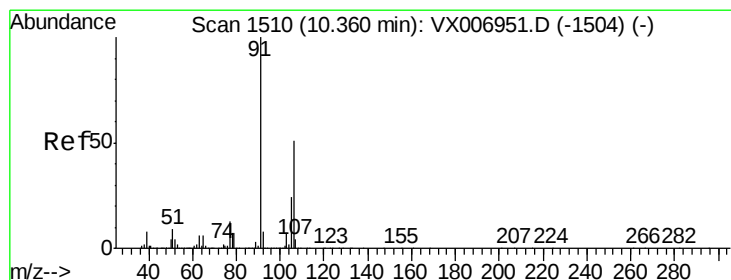
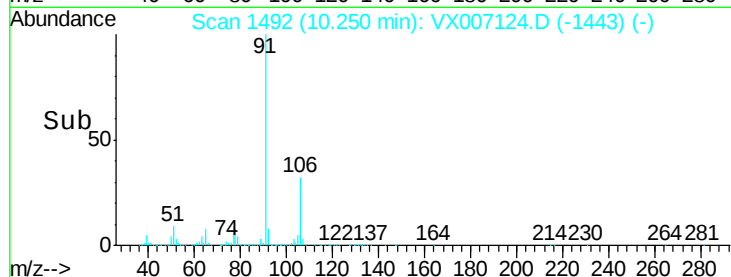
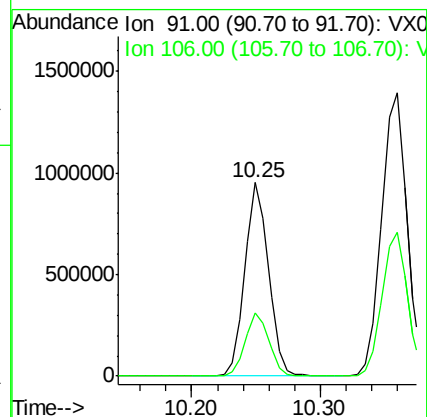
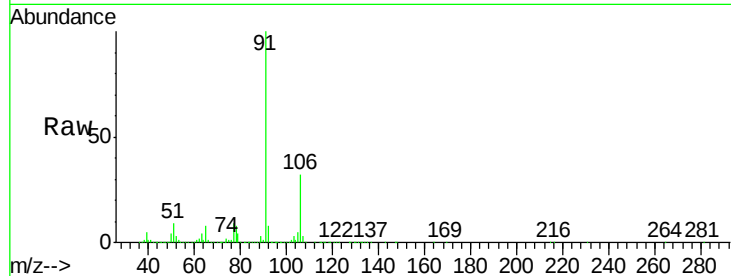
Ion Ratio Lower Upper

91 100

106 32.4 26.4 39.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 99.657 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007124.D

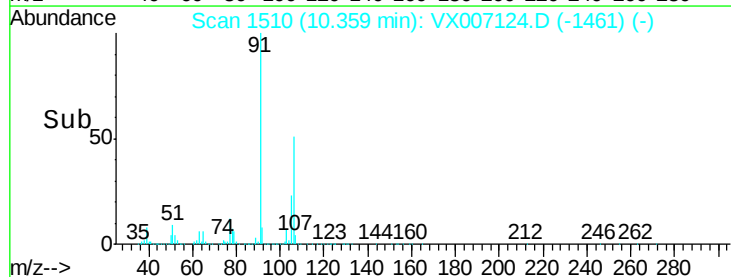
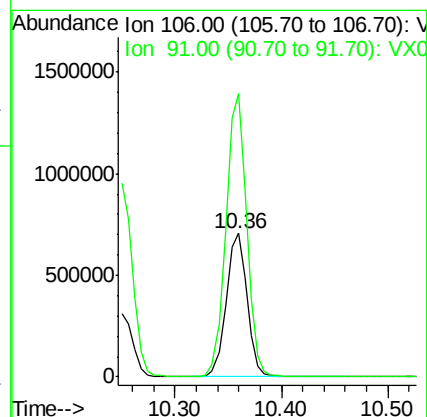
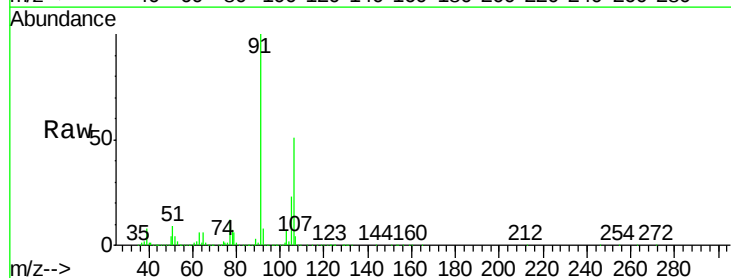
Acq: 18 Jan 2019 10:13

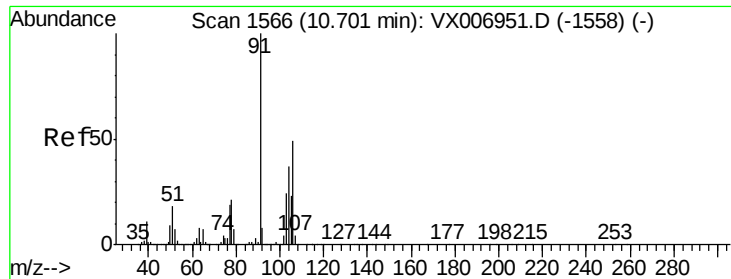
Tgt Ion: 106 Resp: 963669

Ion Ratio Lower Upper

106 100

91 197.0 155.8 233.6





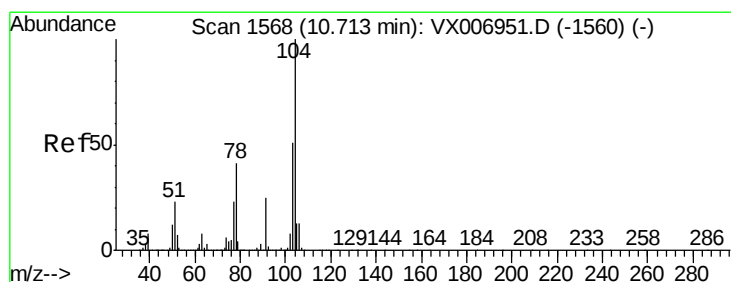
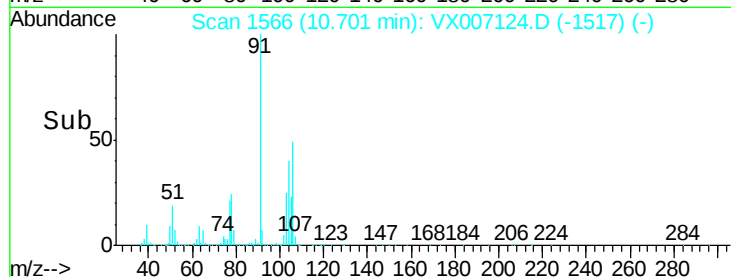
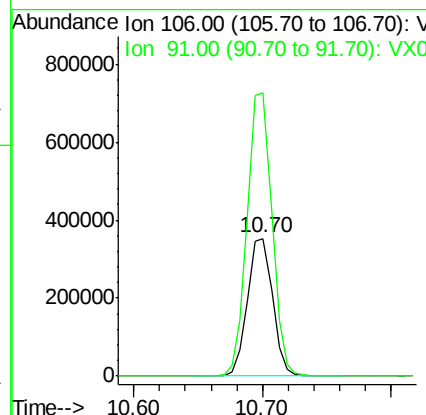
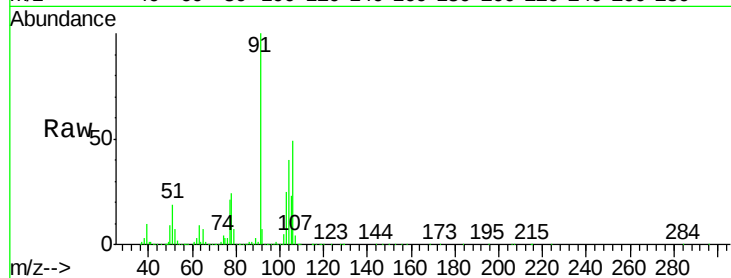
#69
o-Xylene
Concen: 50.065 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.6	101.3	303.7

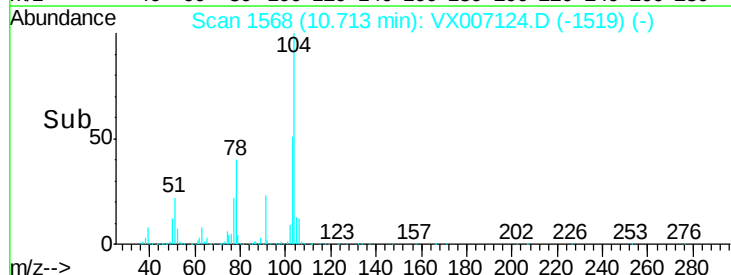
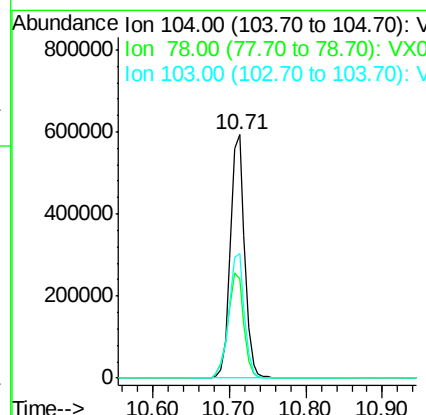
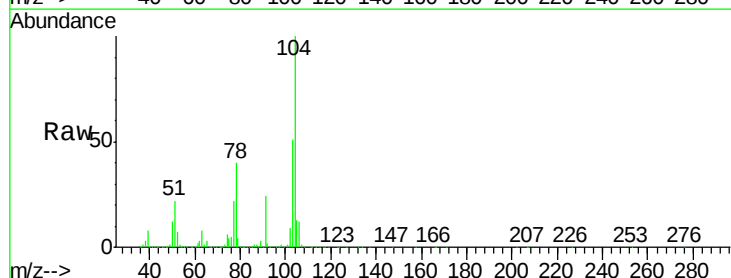
Manual Integrations
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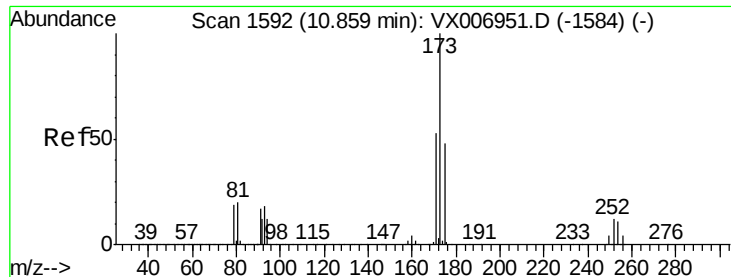
MMDadoda
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#70
Styrene
Concen: 51.189 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.0	37.7	56.5
103	55.9	43.8	65.8





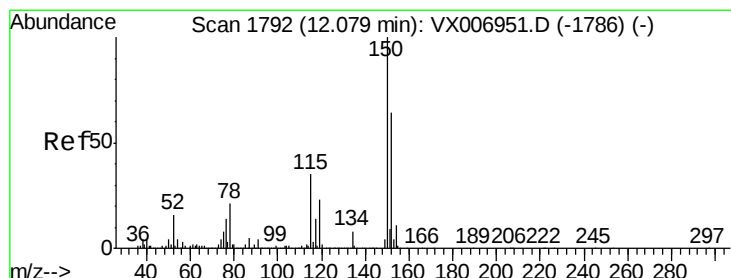
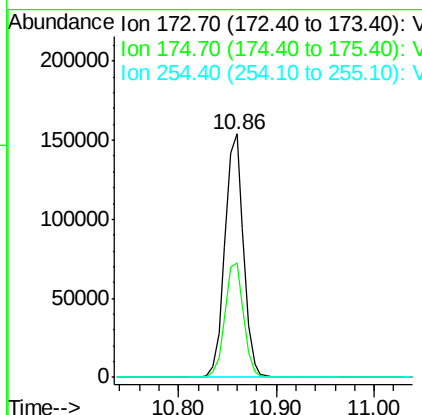
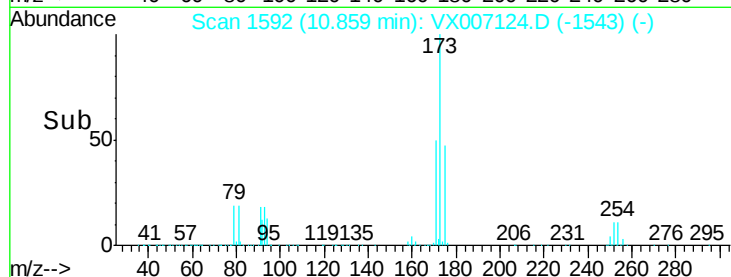
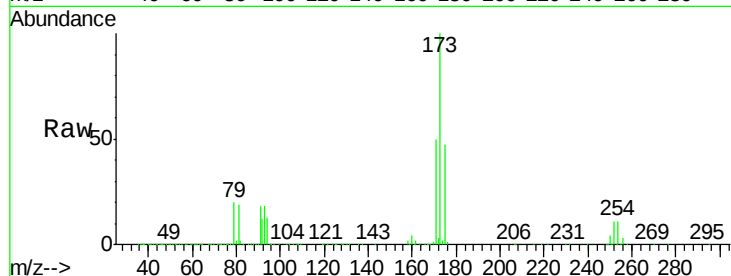
#71
Bromoform
Concen: 45.686 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.7	74.1
254	0.2	0.2	0.2

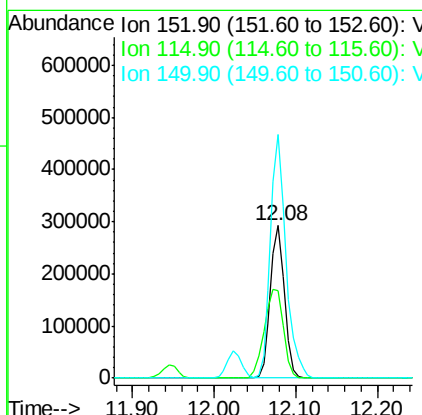
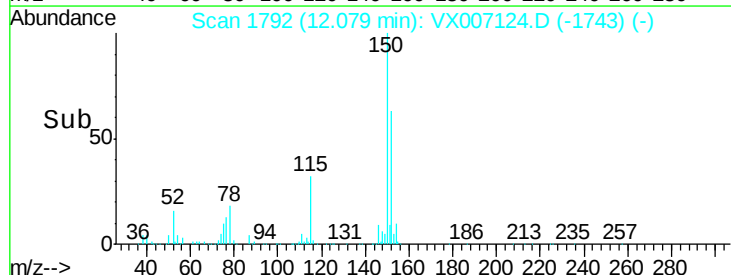
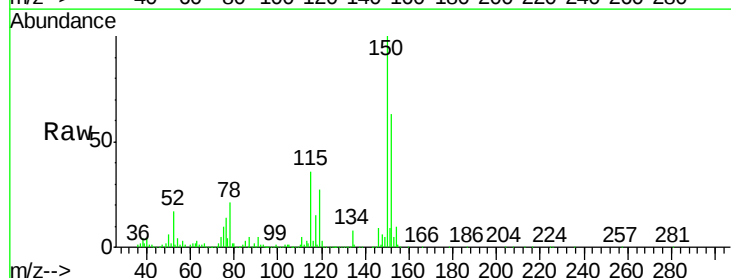
Manual Integrations
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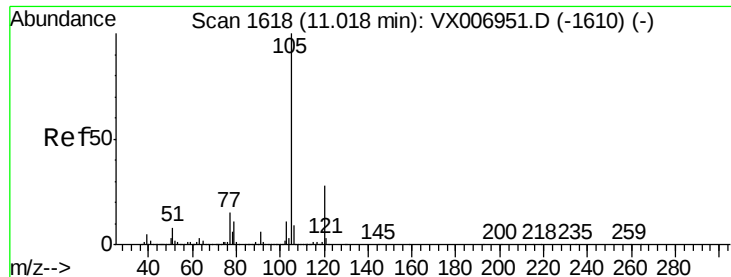
MMDadoda
1/21/2019 9:38:49 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.4	39.1	117.2
150	175.2	0.0	344.8





#73

Isopropylbenzene

Concen: 51.182 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1265863

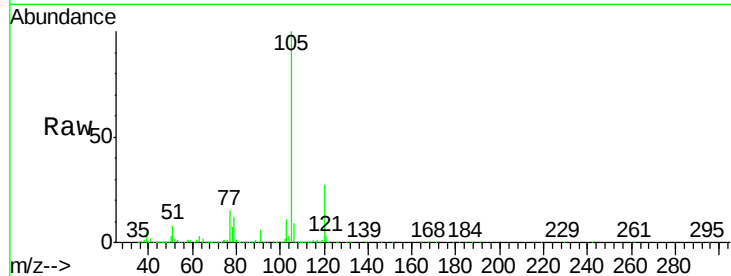
Ion Ratio Lower Upper

105 100

120 27.7 14.1 42.4

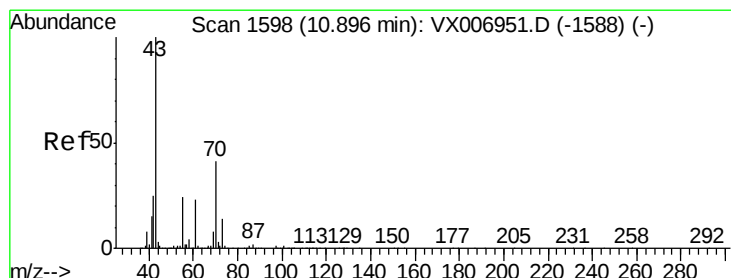
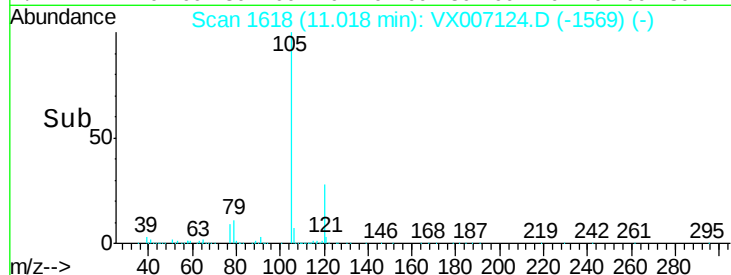
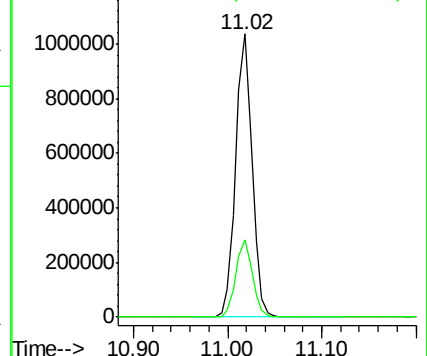
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.366 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Tgt Ion: 43 Resp: 491589

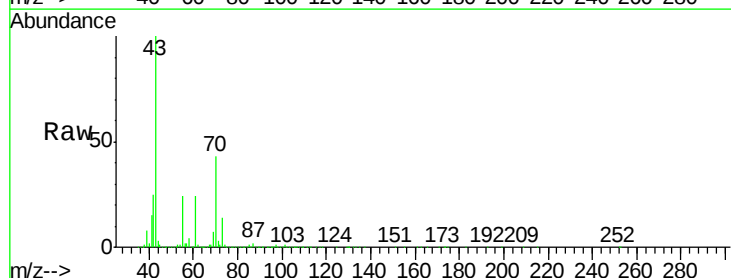
Ion Ratio Lower Upper

43 100

70 43.1 35.8 53.8

55 24.3 19.4 29.0

61 24.4 20.1 30.1

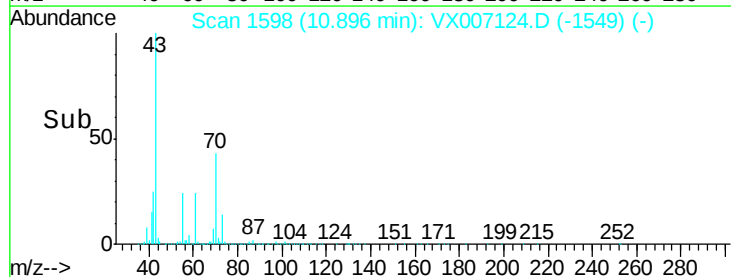
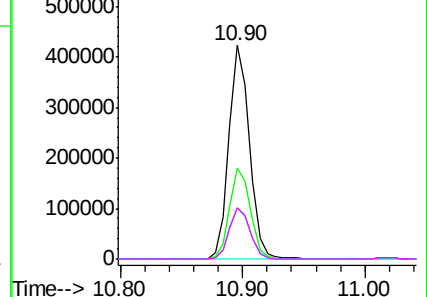


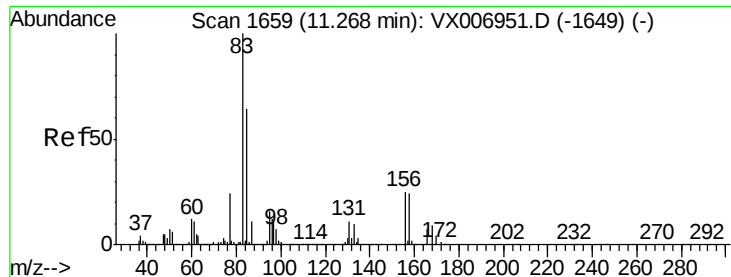
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.528 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

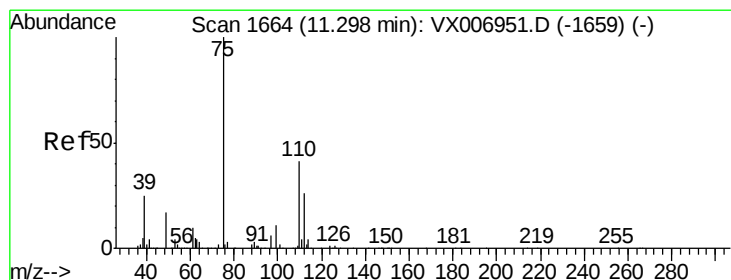
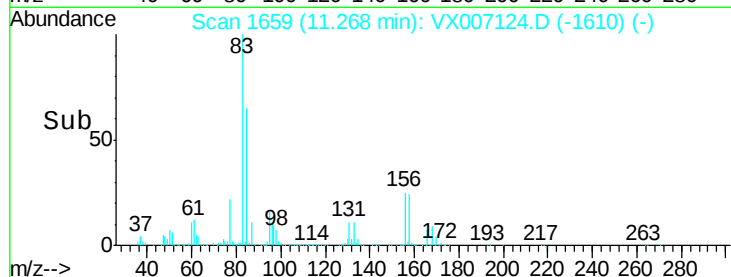
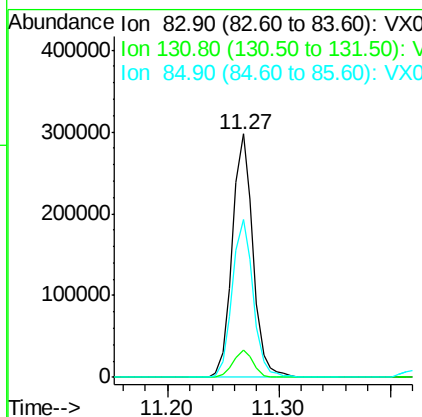
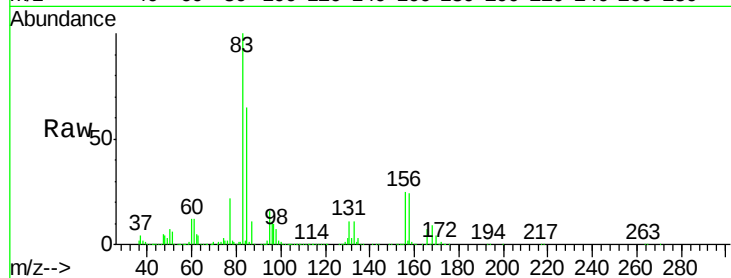
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	381032
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.7	17.1
85	66.0	32.2	96.6

Manual Integrations
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MMDadoda
1/21/2019 9:38:49 AM



#76

1,2,3-Trichloropropane

Concen: 51.429 ug/l m

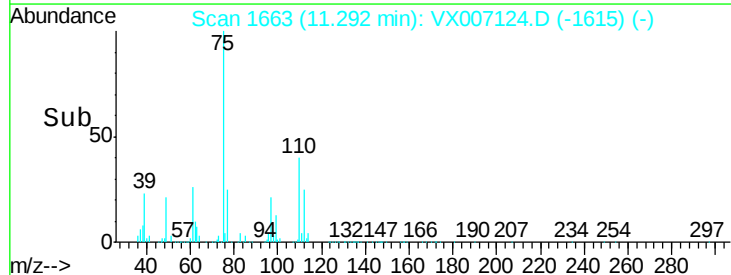
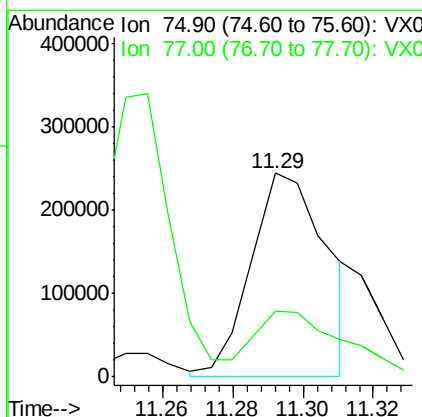
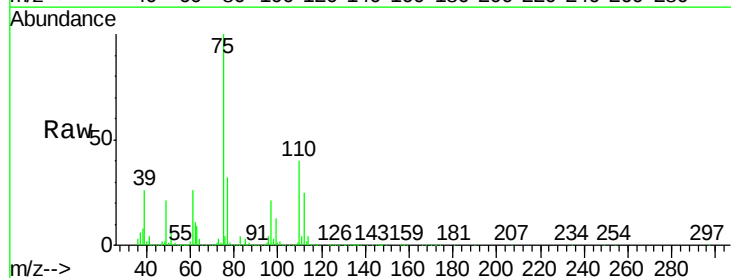
RT: 11.29 min Scan# 1663

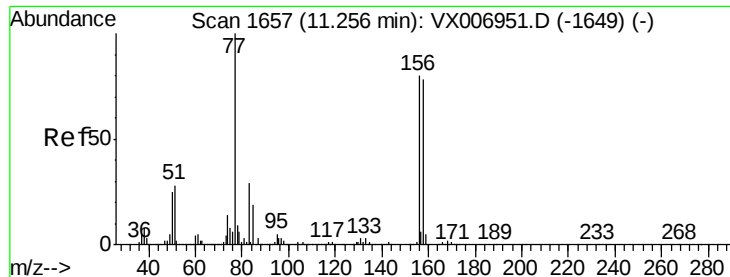
Delta R.T. -0.01 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Tgt Ion:	75	Resp:	365546
Ion Ratio	Lower	Upper	
75	100		
77	39.7	18.5	55.5





#77

Bromobenzene

Concen: 49.738 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

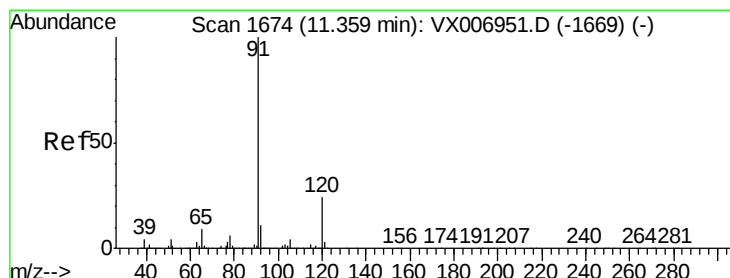
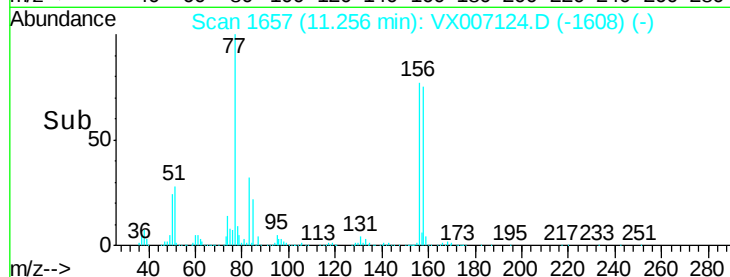
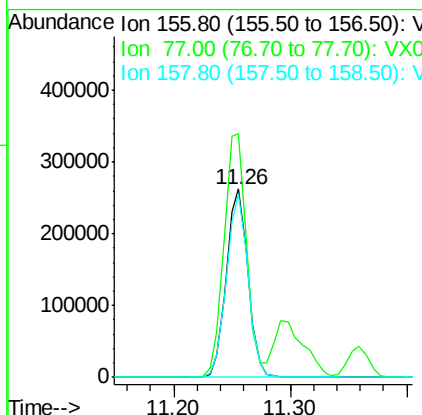
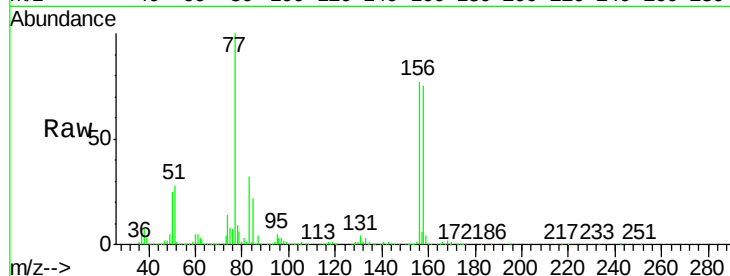
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
156	100	338955		
77	132.5	68.0	204.0	
158	97.1	48.3	144.8	

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#78

n-propylbenzene

Concen: 52.674 ug/l

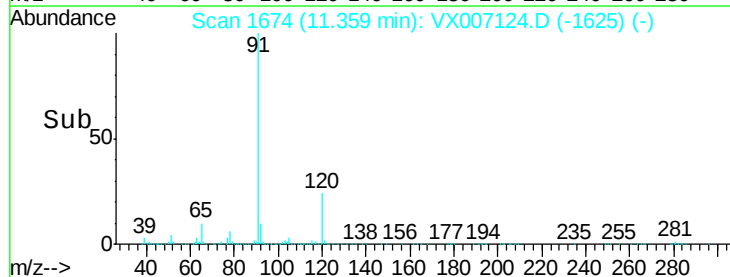
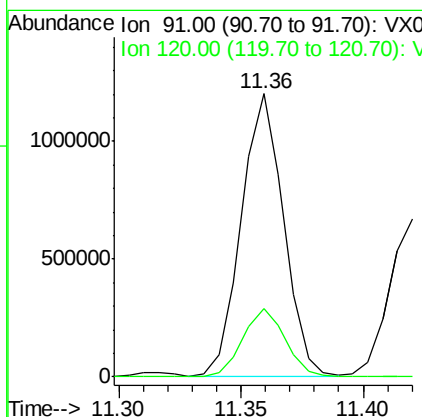
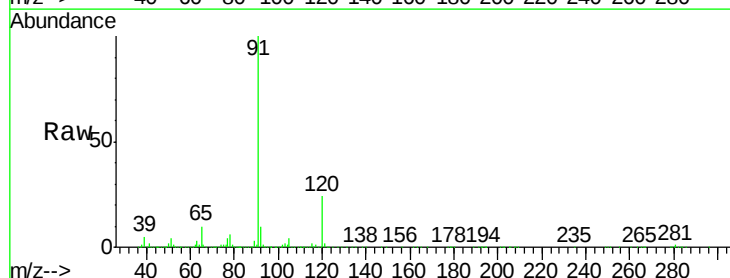
RT: 11.36 min Scan# 1674

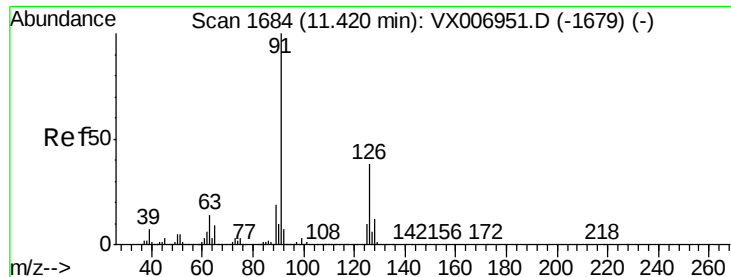
Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1430170		
120	24.4	12.7	38.0	





#79

2-Chlorotoluene

Concen: 50.340 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 822764

Ion Ratio Lower Upper

91 100

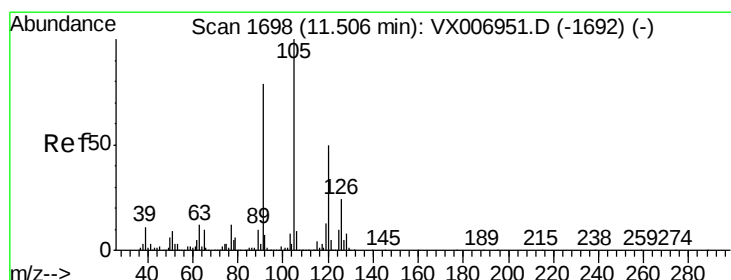
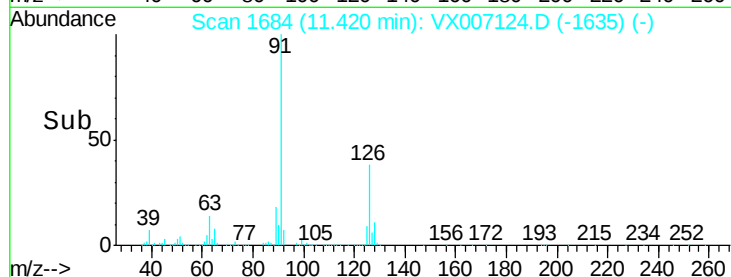
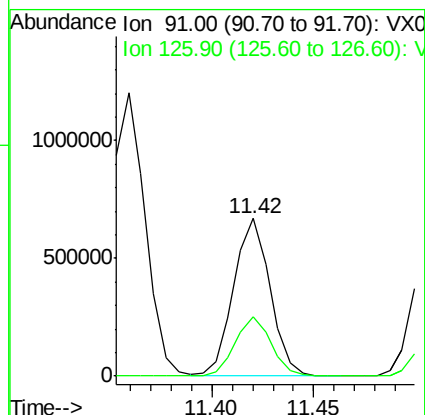
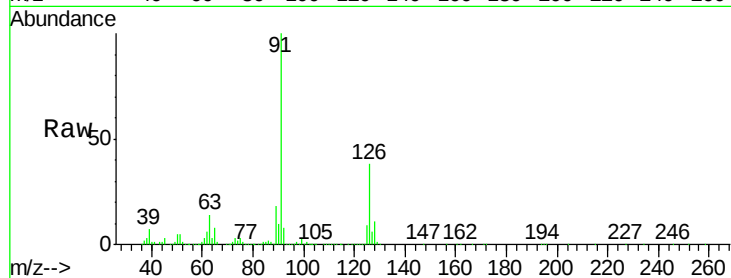
126 37.4 18.6 56.0

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#80

1,3,5-Trimethylbenzene

Concen: 50.865 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007124.D

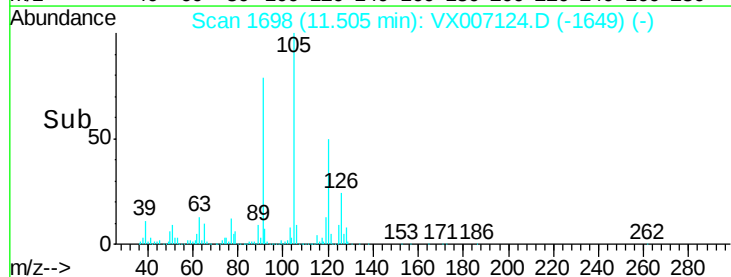
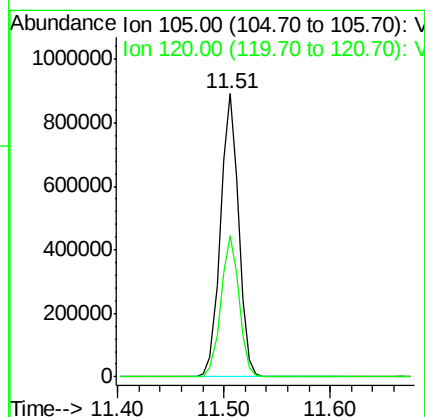
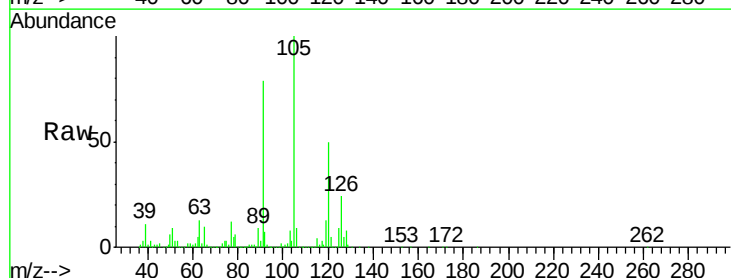
Acq: 18 Jan 2019 10:13

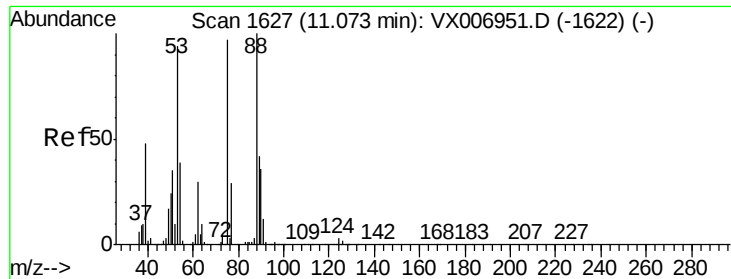
Tgt Ion:105 Resp: 1051190

Ion Ratio Lower Upper

105 100

120 49.8 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 46.409 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

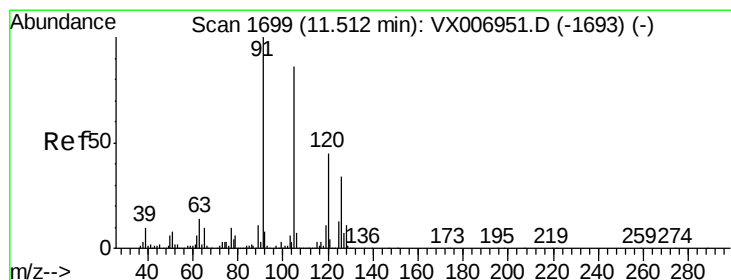
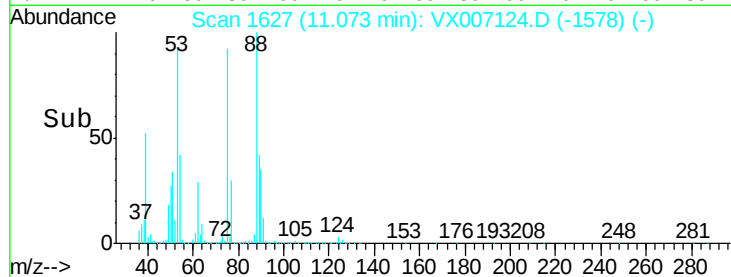
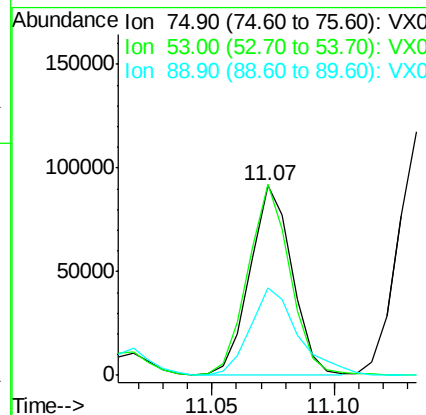
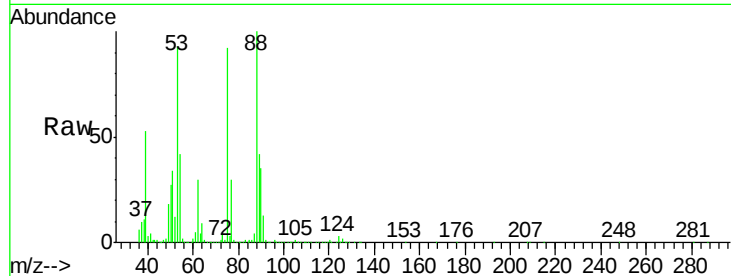
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.5	79.7	119.5
89	53.4	38.0	57.0

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#82

4-Chlorotoluene

Concen: 51.384 ug/l

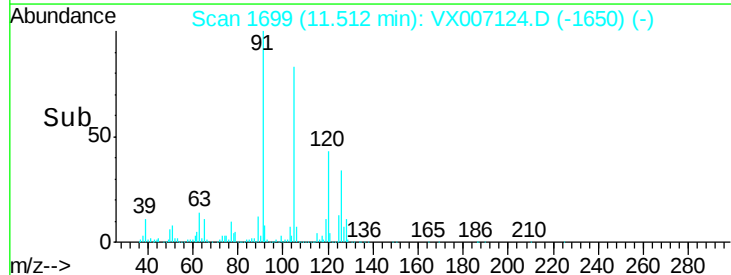
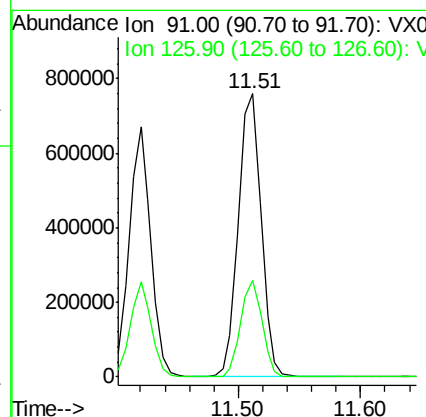
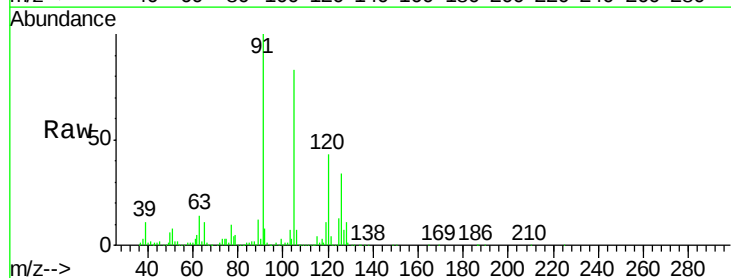
RT: 11.51 min Scan# 1699

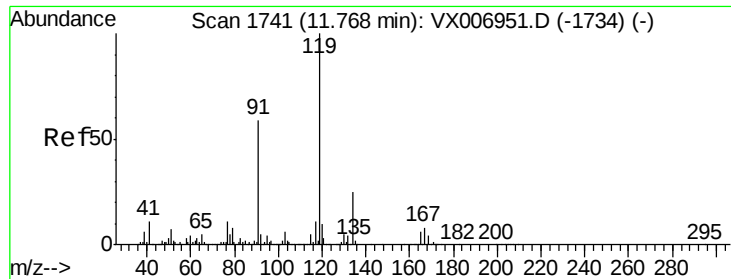
Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.3	48.9





#83

tert-Butylbenzene

Concen: 51.826 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:119 Resp: 1068616

Ion Ratio Lower Upper

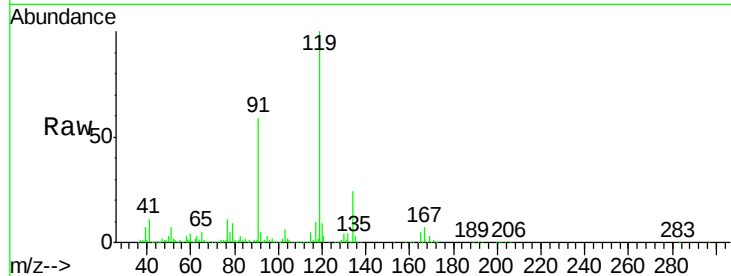
119 100

91 54.7 27.7 83.1

134 23.4 11.9 35.5

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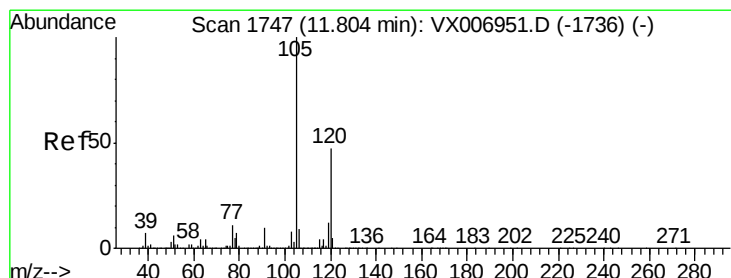
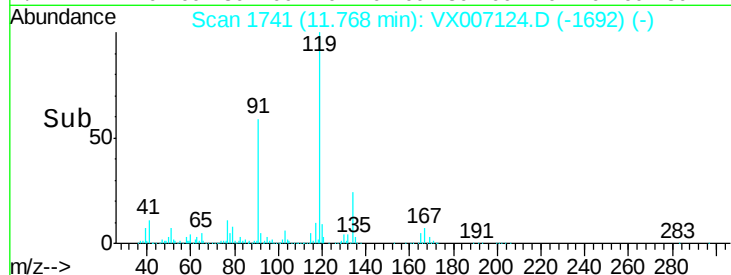
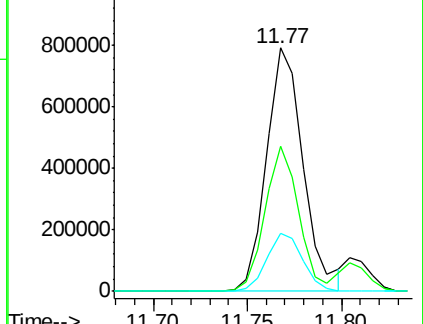
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.451 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007124.D

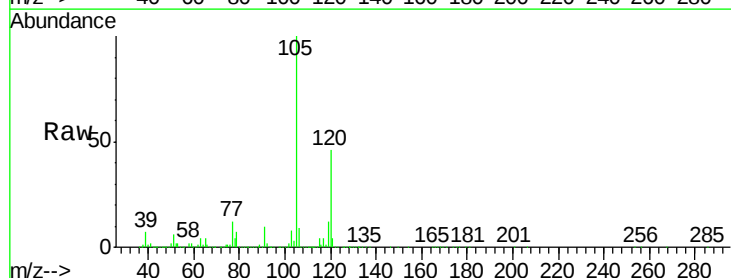
Acq: 18 Jan 2019 10:13

Tgt Ion:105 Resp: 1069228

Ion Ratio Lower Upper

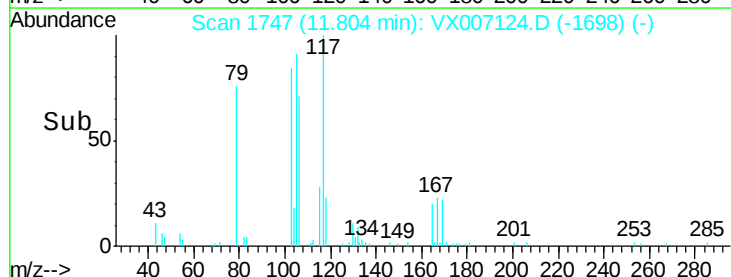
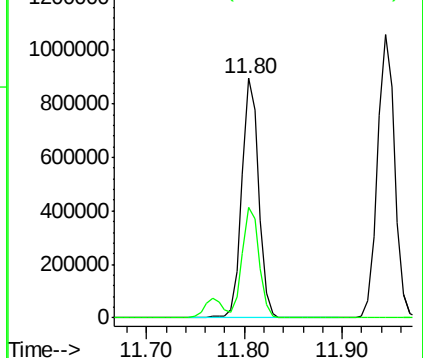
105 100

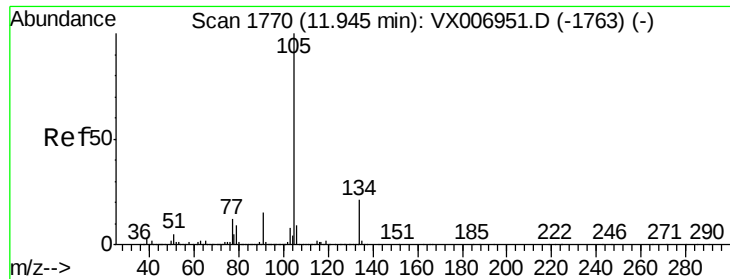
120 46.1 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.428 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1291037

Ion Ratio Lower Upper

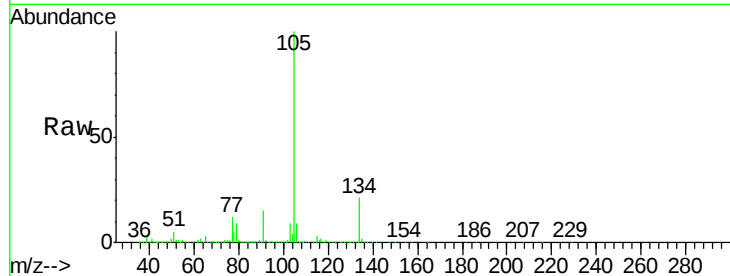
105 100

134 21.4 10.7 31.9

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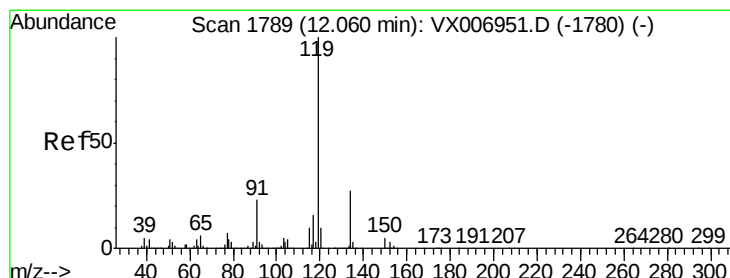
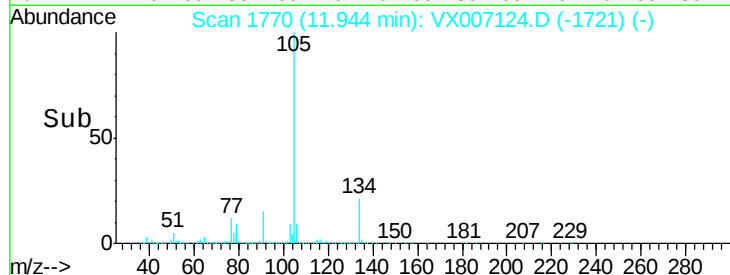
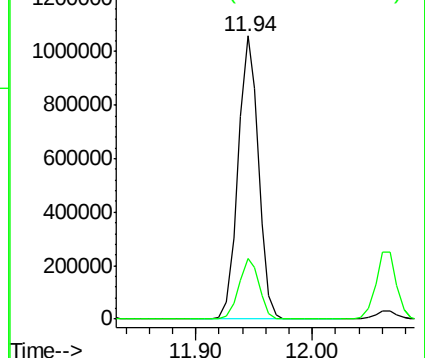
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.931 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

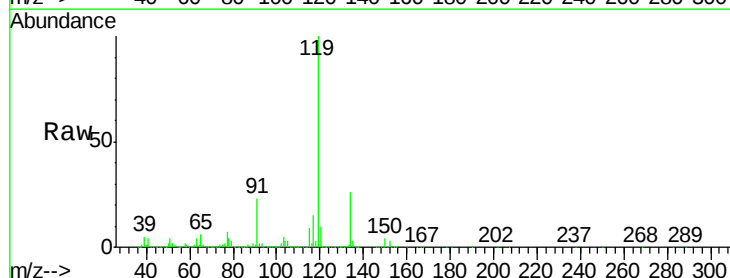
Tgt Ion:119 Resp: 1165877

Ion Ratio Lower Upper

119 100

134 26.8 14.0 41.9

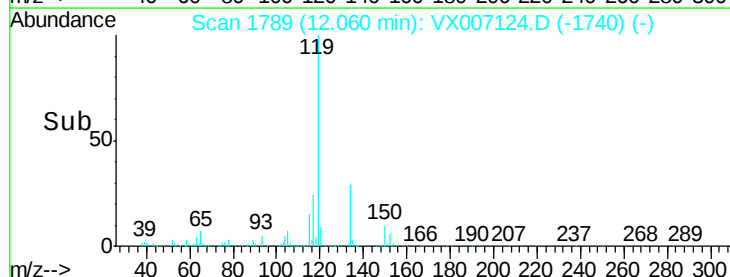
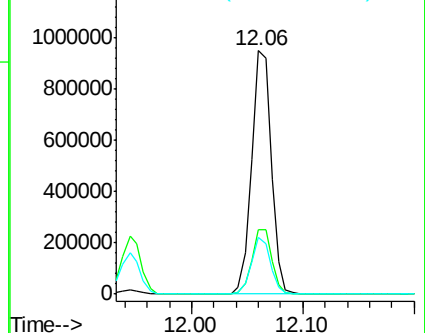
91 22.3 11.3 33.9

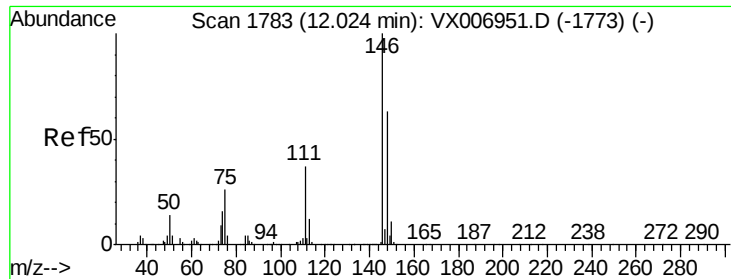


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





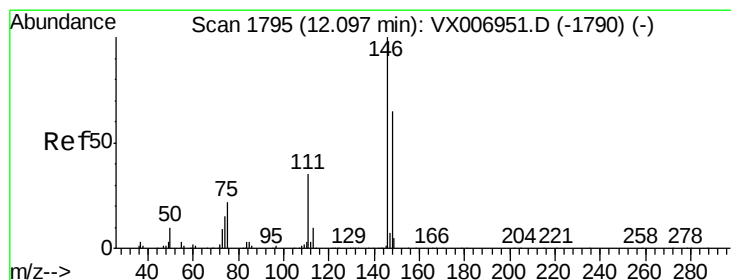
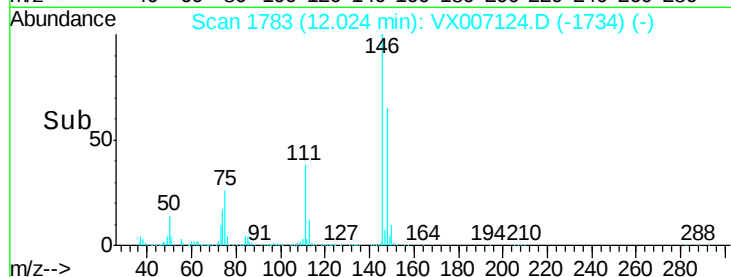
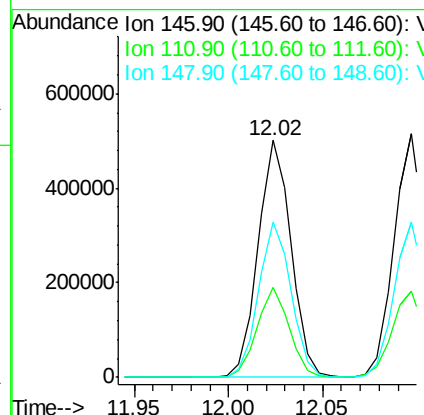
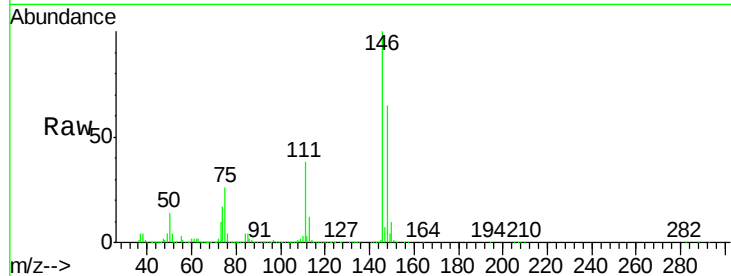
#87
 1,3-Dichlorobenzene
 Concen: 49.426 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007124.D
 Acq: 18 Jan 2019 10:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	608815		
111	37.2	18.6	55.8	
148	64.5	31.8	95.3	

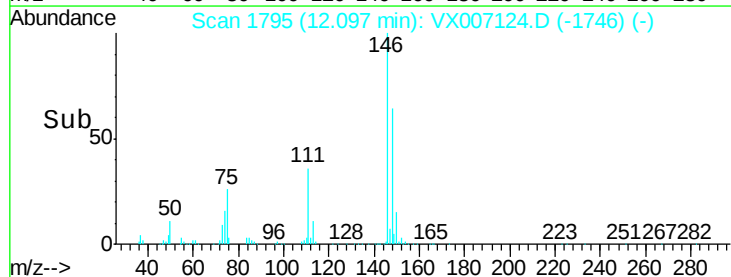
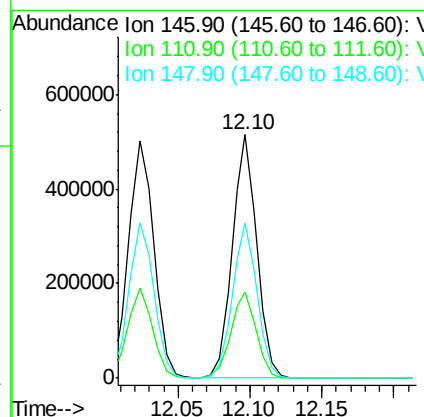
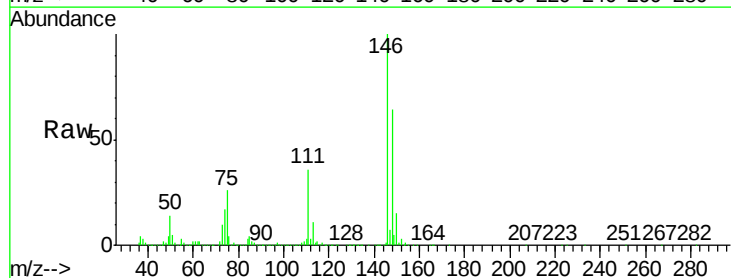
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#88
 1,4-Dichlorobenzene
 Concen: 52.625 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007124.D
 Acq: 18 Jan 2019 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	614265		
111	36.6	18.1	54.1	
148	64.3	31.9	95.9	





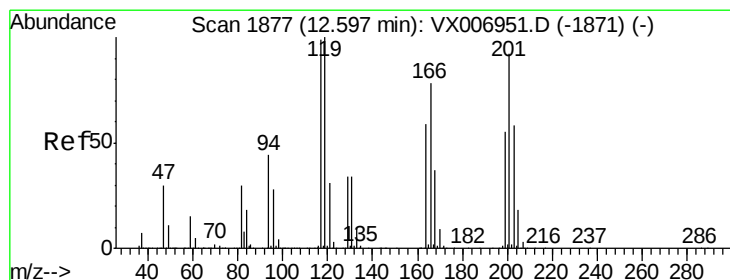
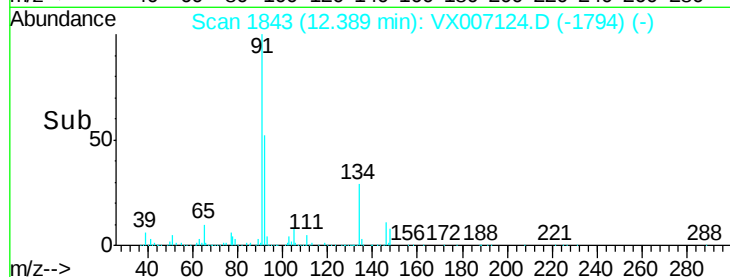
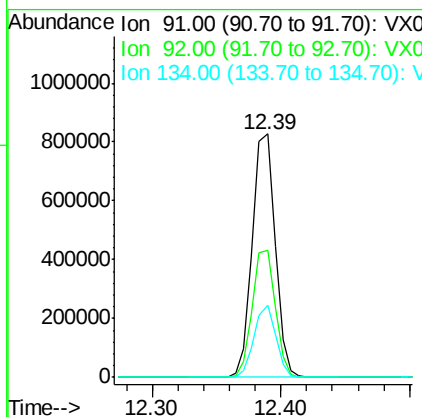
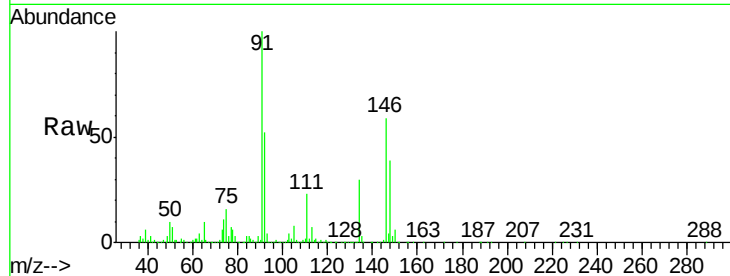
#89
n-Butylbenzene
Concen: 53.587 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.8	80.4
134	28.3	14.4	43.2

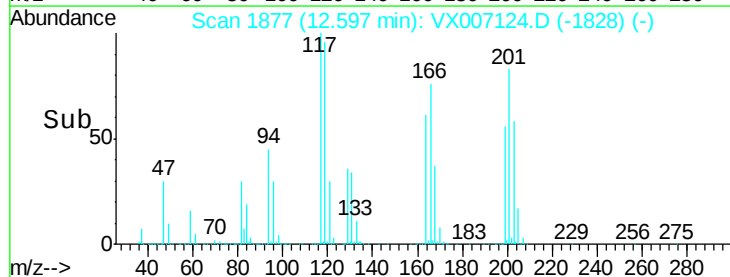
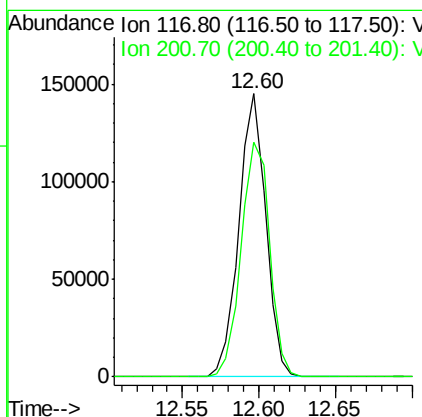
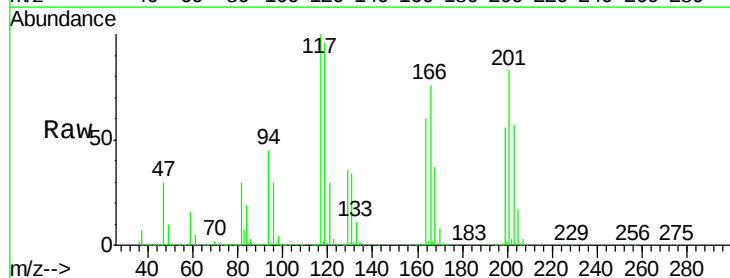
Manual Integrations
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#90
Hexachloroethane
Concen: 50.417 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.6	42.9	128.7





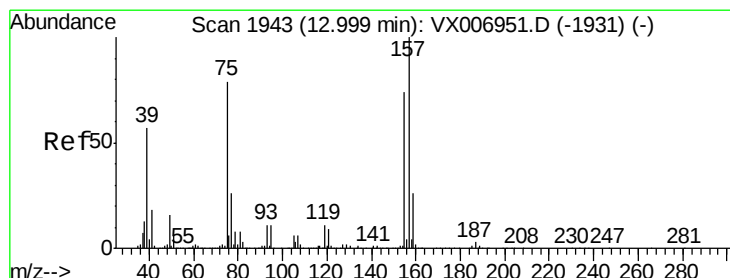
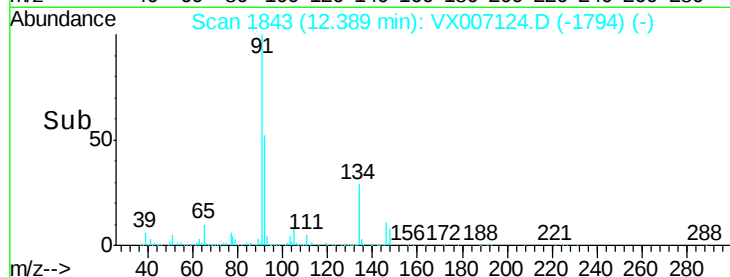
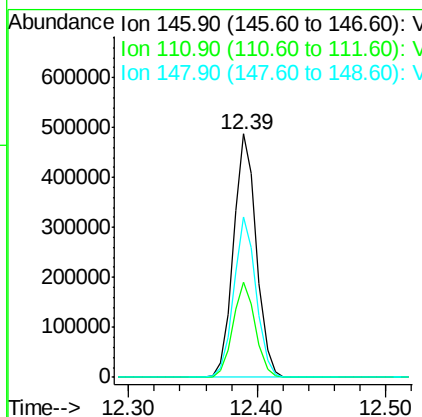
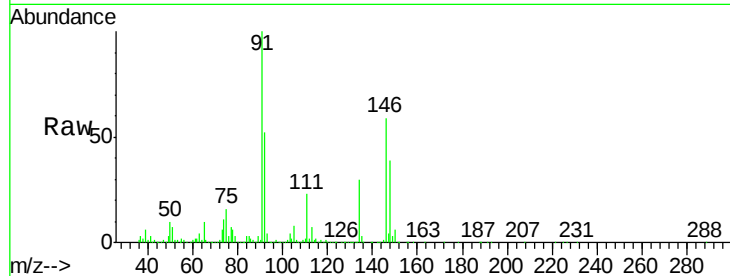
#91
 1,2-Dichlorobenzene
 Concen: 49.494 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007124.D
 Acq: 18 Jan 2019 10:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.4	58.2
148	64.5	32.3	96.9

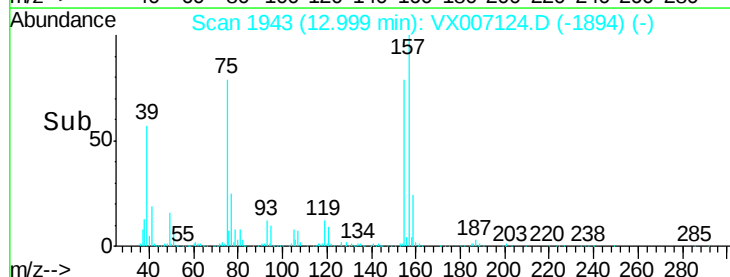
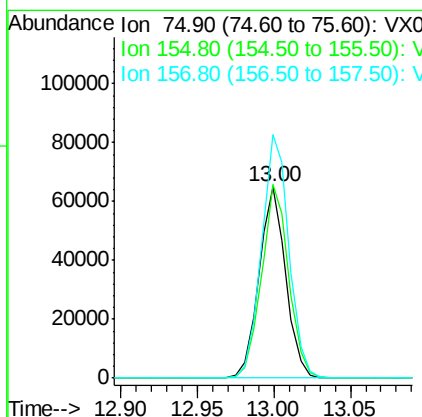
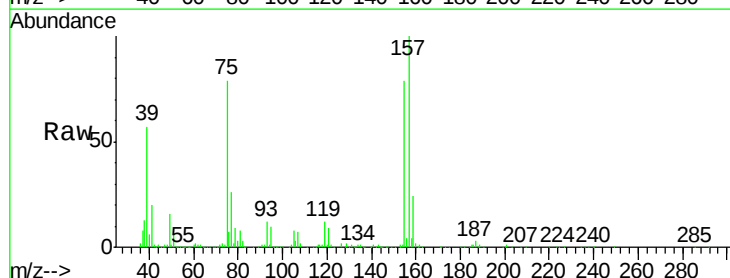
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.994 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007124.D
 Acq: 18 Jan 2019 10:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.6	50.6	151.8
157	130.5	64.6	193.8





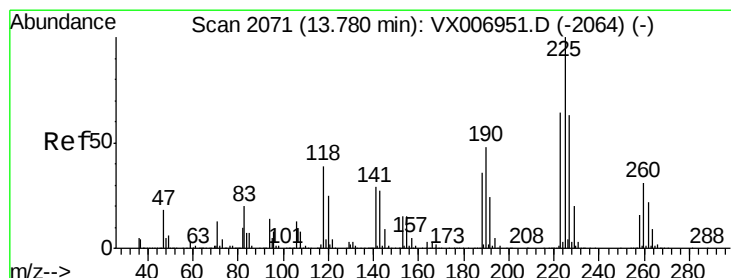
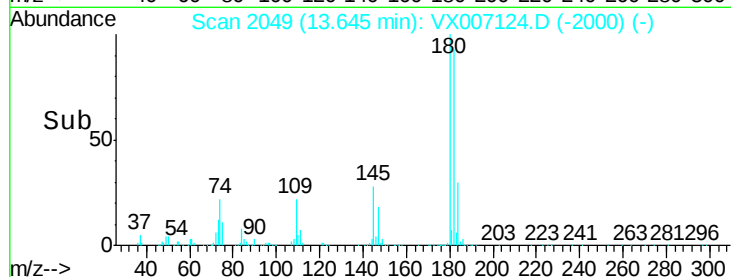
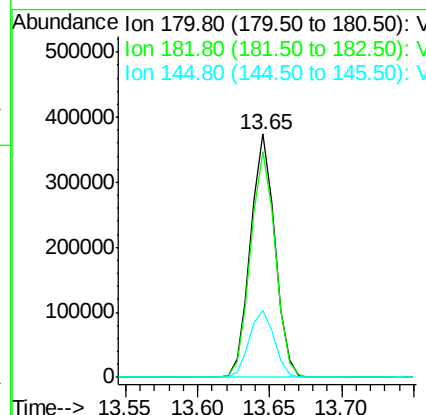
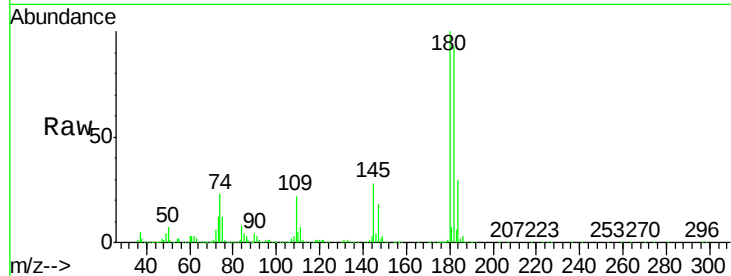
#93
 1,2,4-Trichlorobenzene
 Concen: 52.338 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007124.D
 Acq: 18 Jan 2019 10:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	436488		
182	94.2	47.3	142.0	
145	28.5	14.8	44.3	

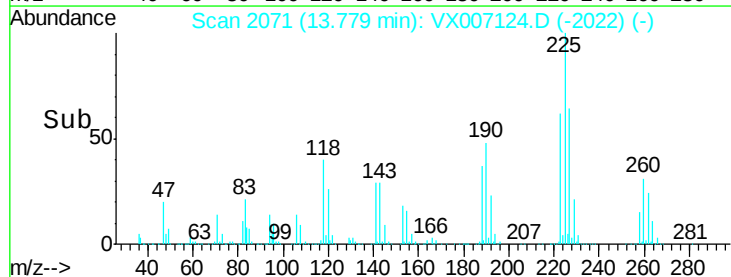
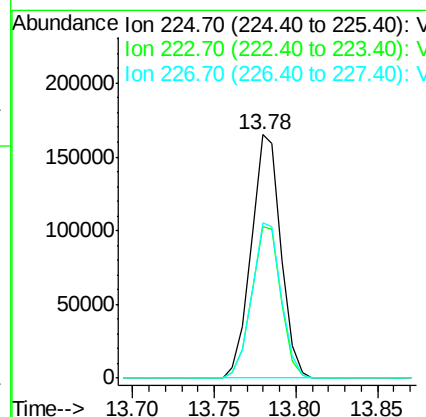
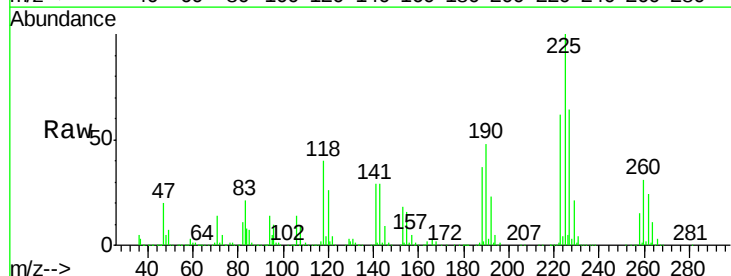
Manual Integrations
 APPROVED

MMDadoda
 1/21/2019 9:38:49 AM



#94
 Hexachlorobutadiene
 Concen: 56.338 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007124.D
 Acq: 18 Jan 2019 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	208500		
223	61.6	32.1	96.3	
227	63.3	32.3	96.8	





#95

Naphthalene

Concen: 51.498 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

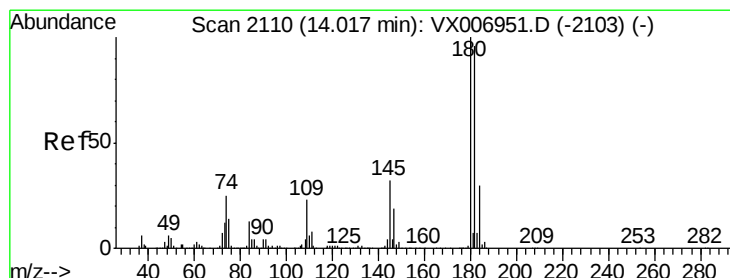
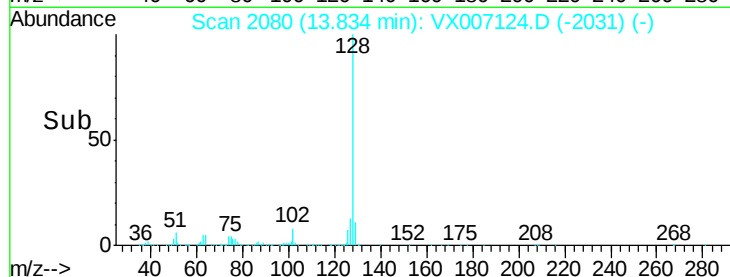
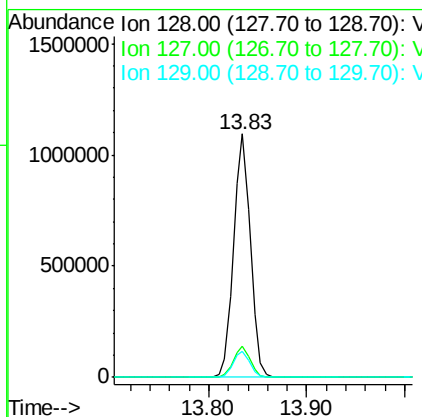
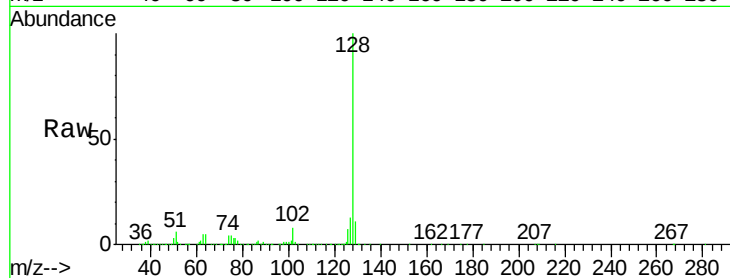
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	1301412
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
1/21/2019 9:38:49 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.585 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Tgt Ion:	180	Resp:	427356
Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.5	145.5
145	29.9	16.0	47.9

