

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011719\
 Data File : VX007122.D
 Acq On : 18 Jan 2019 06:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 10:22:30 AM

Quant Time: Jan 18 07:44:41 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	5.67	168	503921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	752459	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	698275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	358218	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	264109	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
35) Dibromofluoromethane	5.50	113	239085	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	8.71	98	894440	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	11.13	95	321830	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	197298	47.677	ug/l	99
3) Chloromethane	1.33	50	237072	49.212	ug/l	98
4) Vinyl Chloride	1.41	62	241699	46.641	ug/l	97
5) Bromomethane	1.64	94	220901	39.899	ug/l	95
6) Chloroethane	1.71	64	162000	44.772	ug/l	97
7) Trichlorofluoromethane	1.93	101	390471	46.634	ug/l	98
8) Diethyl Ether	2.19	74	155164	46.580	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	226526	45.189	ug/l	99
10) Methyl Iodide	2.51	142	334067	49.404	ug/l	99
11) Tert butyl alcohol	3.07	59	295917	238.199	ug/l	100
12) 1,1-Dichloroethene	2.37	96	213180	46.029	ug/l	99
13) Acrolein	2.29	56	121226	226.550	ug/l	99
14) Allyl chloride	2.73	41	359504	45.292	ug/l	99
15) Acrylonitrile	3.15	53	704523	247.037	ug/l	100
16) Acetone	2.45	43	604237	232.083	ug/l	98
17) Carbon Disulfide	2.57	76	473413	39.702	ug/l	98
18) Methyl Acetate	2.78	43	399178	52.943	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	774092	48.155	ug/l	100
20) Methylene Chloride	2.86	84	253552	51.216	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	233389	45.220	ug/l	98
22) Diisopropyl ether	3.87	45	723858	48.509	ug/l	95
23) Vinyl Acetate	3.82	43	2968930	235.925	ug/l	100
24) 1,1-Dichloroethane	3.70	63	391986	46.978	ug/l	99
25) 2-Butanone	4.70	43	910908	244.520	ug/l	99
26) 2,2-Dichloropropane	4.59	77	196046	30.555	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	260855	45.821	ug/l	98
28) Bromochloromethane	5.02	49	177288	48.496	ug/l	95
29) Tetrahydrofuran	5.15	42	589228	243.384	ug/l	97
30) Chloroform	5.21	83	426228	48.789	ug/l	100
31) Cyclohexane	5.58	56	336656	45.332	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	351430	47.460	ug/l	97
36) 1,1-Dichloropropene	5.80	75	301623	46.106	ug/l	99
37) Ethyl Acetate	4.85	43	338252	48.228	ug/l	98
38) Carbon Tetrachloride	5.78	117	305790	46.458	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	359754	43.135	ug/l	97
40) Benzene	6.14	78	934810	46.830	ug/l	98
41) Methacrylonitrile	5.06	41	189692	46.949	ug/l	99
42) 1,2-Dichloroethane	6.20	62	318316	46.146	ug/l	99
43) Isopropyl Acetate	6.46	43	547714	49.508	ug/l	98
44) Trichloroethene	7.21	130	271383	45.369	ug/l	94
45) 1,2-Dichloropropane	7.51	63	240014	47.826	ug/l	99
46) Dibromomethane	7.66	93	170504	48.343	ug/l	99
47) Bromodichloromethane	7.90	83	300367	50.033	ug/l	98
48) Methyl methacrylate	7.77	41	283212	49.850	ug/l	98
49) 1,4-Dioxane	7.75	88	129514	998.216	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1822908	256.394	ug/l	99
52) Toluene	8.79	92	611105	47.631	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	312891	47.002	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	346204	47.092	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	263553	51.321	ug/l	99
56) Ethyl methacrylate	9.18	69	385895	51.473	ug/l	96
57) 1,3-Dichloropropane	9.37	76	413612	49.162	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1006242	261.047	ug/l	98
59) 2-Hexanone	9.49	43	1365525	252.032	ug/l	99
60) Dibromochloromethane	9.59	129	265249	53.192	ug/l	98
61) 1,2-Dibromoethane	9.67	107	280928	49.691	ug/l	100
64) Tetrachloroethene	9.34	164	272239	45.032	ug/l	96
65) Chlorobenzene	10.14	112	711907	46.745	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	255871	49.943	ug/l	100
67) Ethyl Benzene	10.25	91	1166679	46.403	ug/l	98
68) m/p-Xylenes	10.36	106	912364	92.105	ug/l	98
69) o-Xylene	10.69	106	458921	47.505	ug/l	99
70) Styrene	10.71	104	739072	48.304	ug/l	99
71) Bromoform	10.86	173	199307	44.098	ug/l	98
73) Isopropylbenzene	11.02	105	1205053	47.707	ug/l	99
74) N-amyl acetate	10.90	43	491473	48.326	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	382780	47.734	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	356786m	49.150	ug/l	
77) Bromobenzene	11.26	156	327967	47.122	ug/l	99
78) n-propylbenzene	11.36	91	1315474	47.440	ug/l	100
79) 2-Chlorotoluene	11.42	91	783523	46.940	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	996302	47.204	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	90118	38.413	ug/l	97
82) 4-Chlorotoluene	11.51	91	907228	46.942	ug/l	99
83) tert-Butylbenzene	11.77	119	1004158	47.685	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1010655	47.618	ug/l	100
85) sec-Butylbenzene	11.94	105	1196012	47.557	ug/l	99
86) p-Isopropyltoluene	12.06	119	1072716	47.686	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	576560	45.832	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	578119	48.507	ug/l	100
89) n-Butylbenzene	12.38	91	901587	47.016	ug/l	99
90) Hexachloroethane	12.60	117	167133	46.741	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	578051	46.562	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	77196	48.675	ug/l	97

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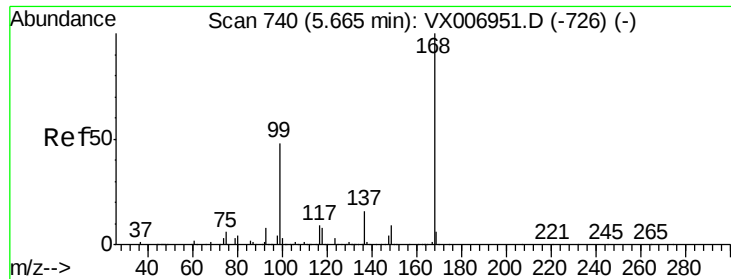
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	399440	46.898	ug/l	100
94) Hexachlorobutadiene	13.78	225	183105	48.445	ug/l	98
95) Naphthalene	13.83	128	1245546	48.260	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	402279	47.545	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 503921

Ion Ratio Lower Upper

168 100

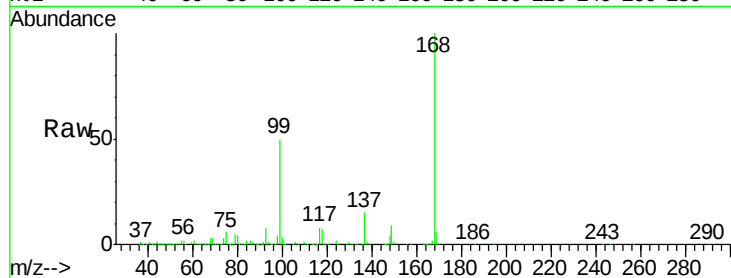
99 49.3 41.8 62.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

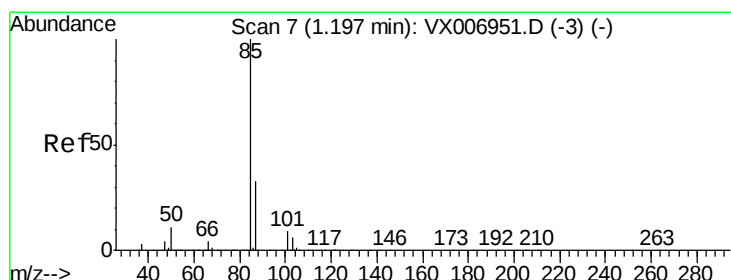
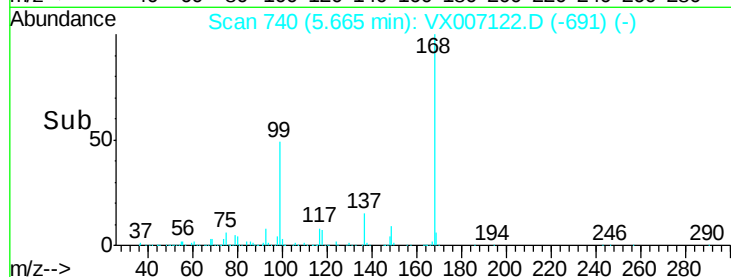
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.677 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007122.D

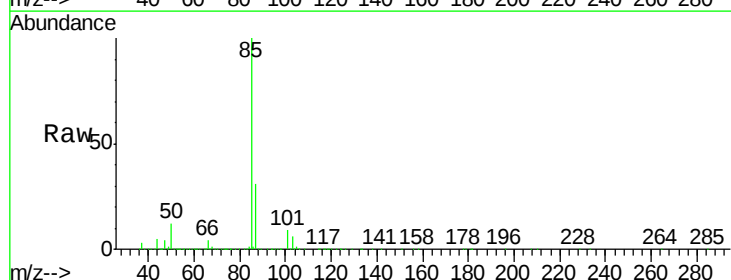
Acq: 18 Jan 2019 06:55

Tgt Ion: 85 Resp: 197298

Ion Ratio Lower Upper

85 100

87 31.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

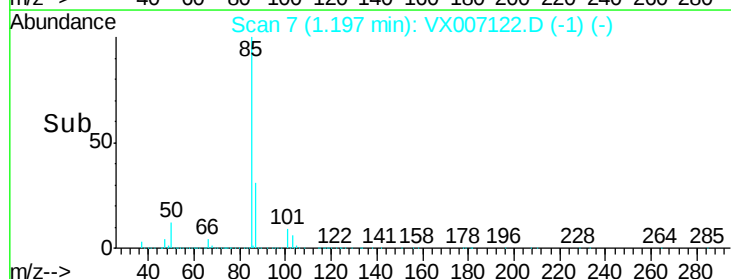
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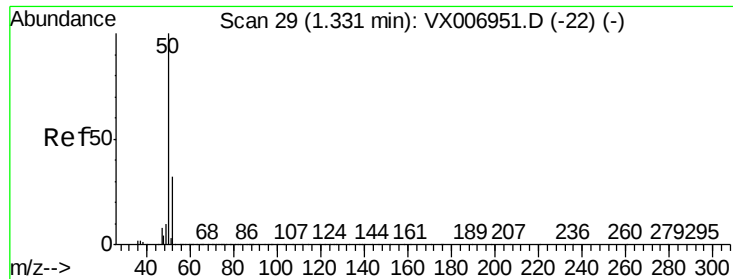
100000

50000

0

Time-->





#3

Chloromethane

Concen: 49.212 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 237072

Ion Ratio Lower Upper

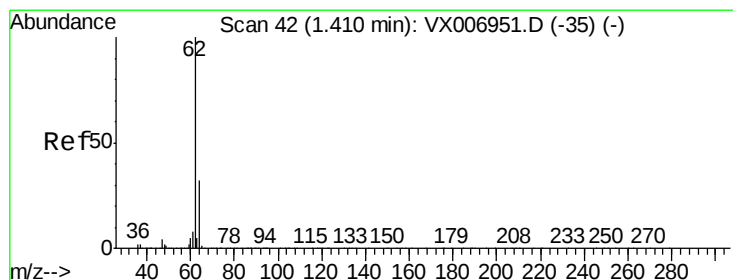
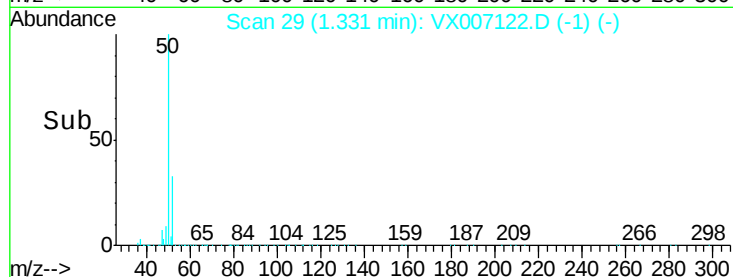
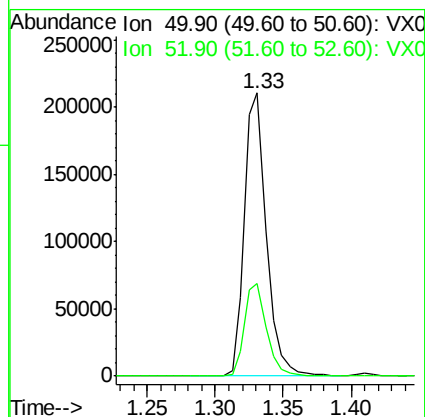
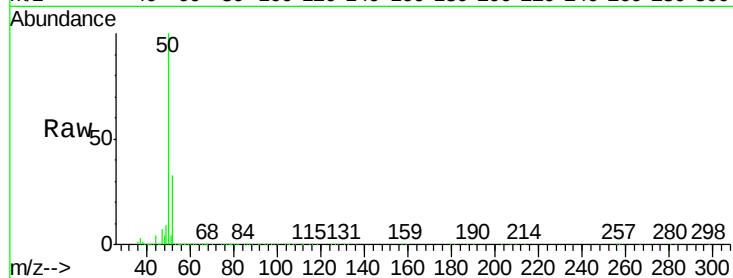
50 100

52 32.7 25.4 38.2

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#4

Vinyl Chloride

Concen: 46.641 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007122.D

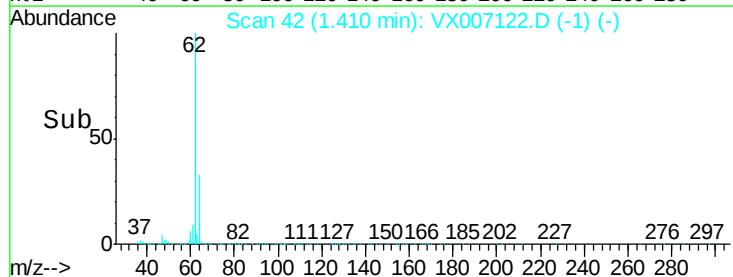
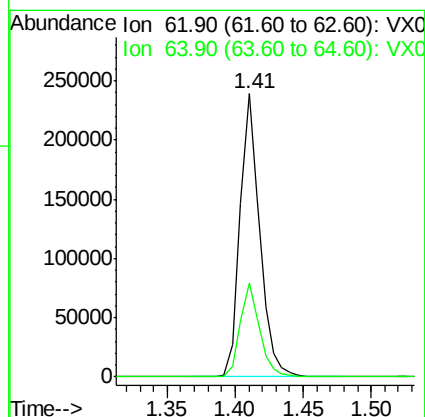
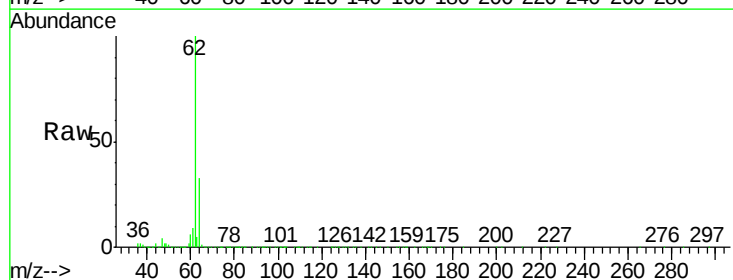
Acq: 18 Jan 2019 06:55

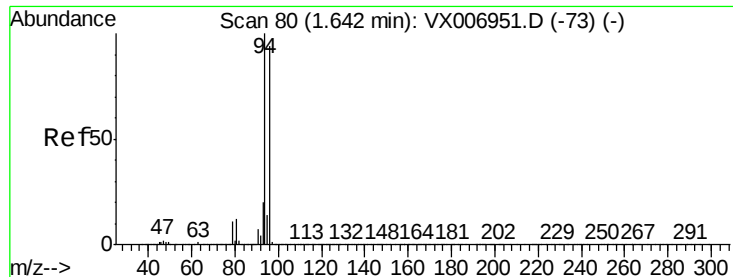
Tgt Ion: 62 Resp: 241699

Ion Ratio Lower Upper

62 100

64 33.1 25.1 37.7





#5

Bromomethane

Concen: 39.899 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 220901

Ion Ratio Lower Upper

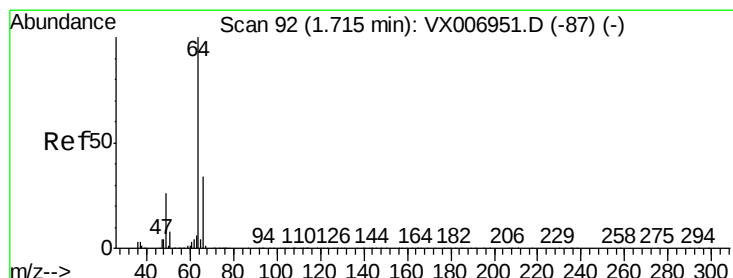
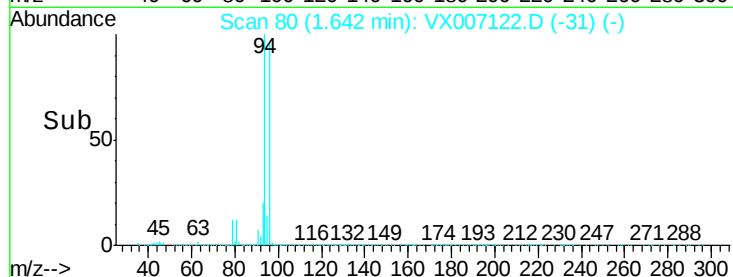
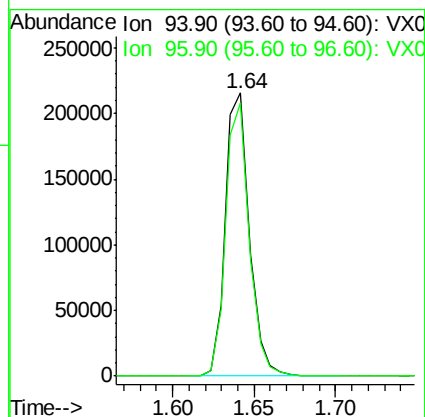
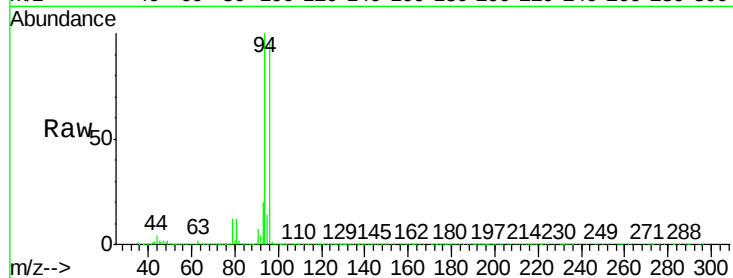
94 100

96 96.4 73.4 110.2

Manual Integrations
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#6

Chloroethane

Concen: 44.772 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX007122.D

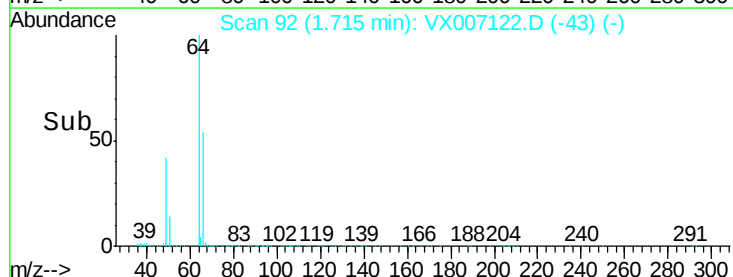
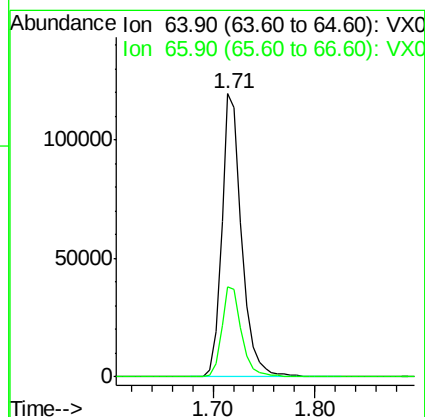
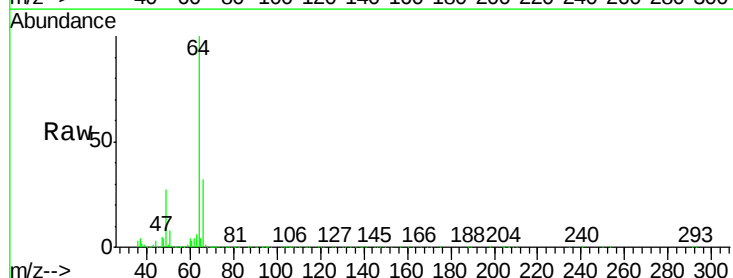
Acq: 18 Jan 2019 06:55

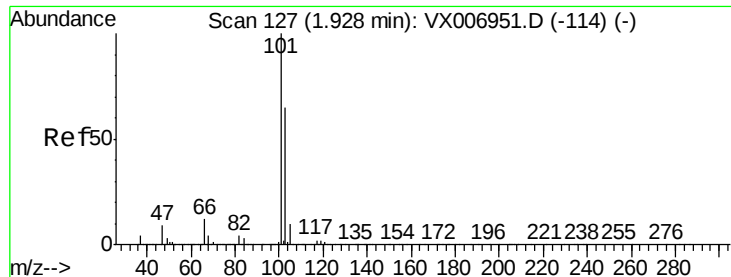
Tgt Ion: 64 Resp: 162000

Ion Ratio Lower Upper

64 100

66 31.6 26.4 39.6





#7

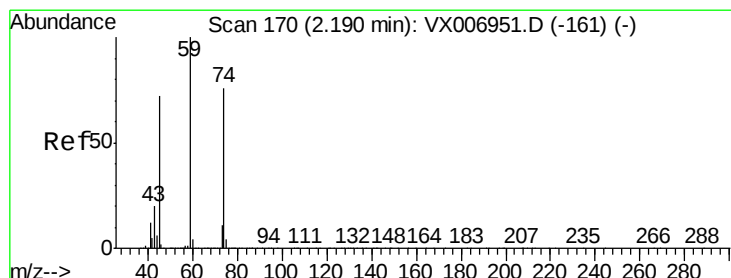
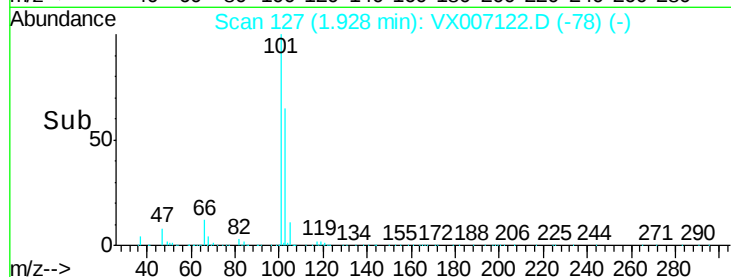
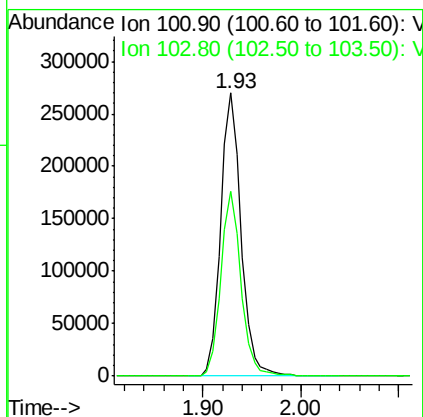
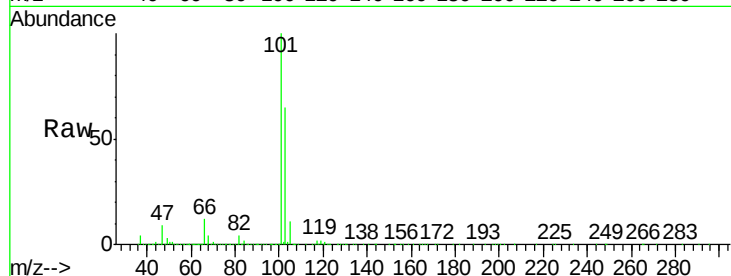
Trichlorofluoromethane
Concen: 46.634 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	53.2	79.8

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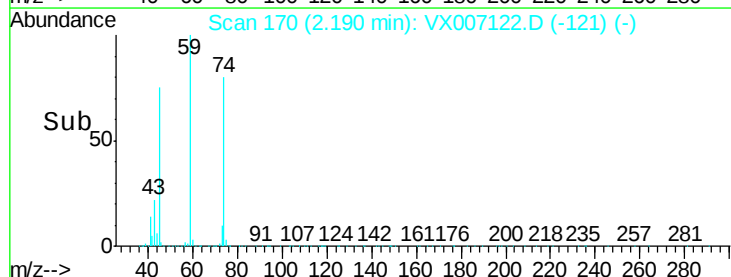
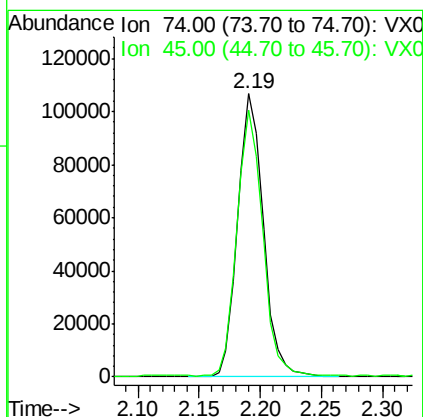
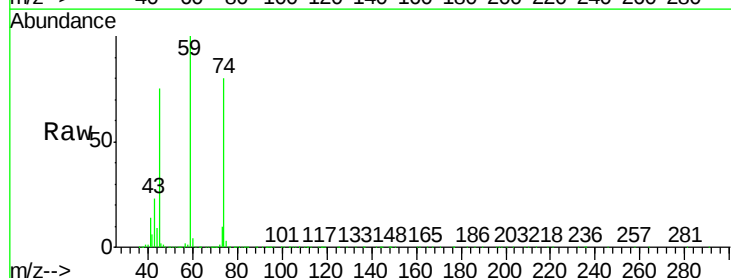
MMDadoda
1/18/2019 10:22:30 AM

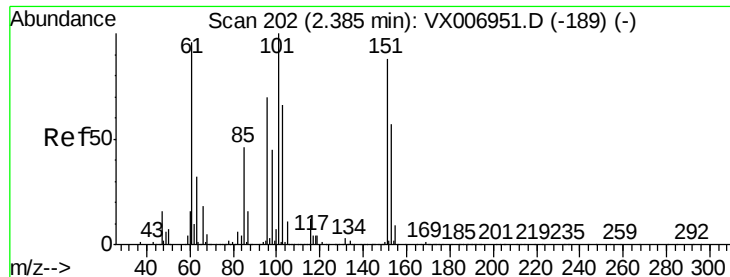


#8

Diethyl Ether
Concen: 46.580 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.8	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.189 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

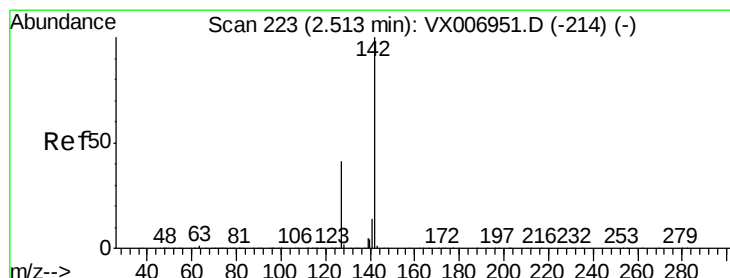
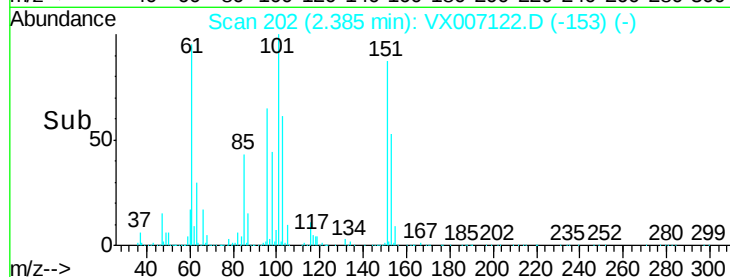
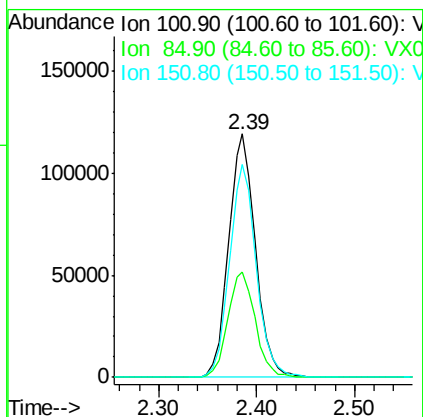
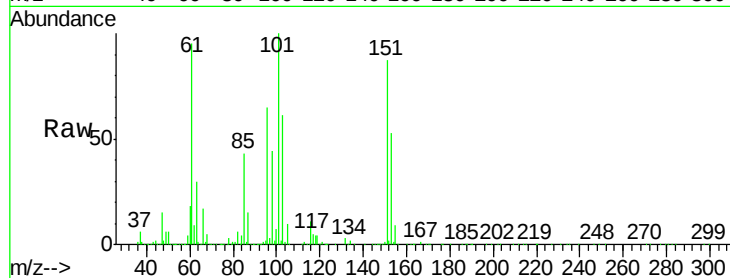
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	226526
Ion Ratio	Lower	Upper	
101	100		
85	44.2	35.1	52.7
151	87.4	68.9	103.3

Manual Integrations
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1/18/2019 10:22:30 AM



#10

Methyl Iodide

Concen: 49.404 ug/l

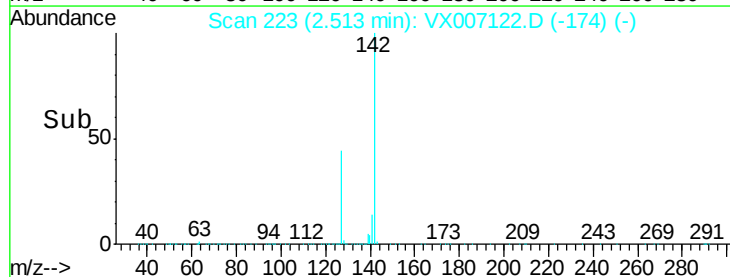
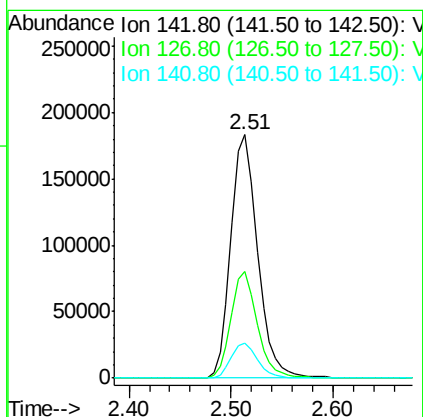
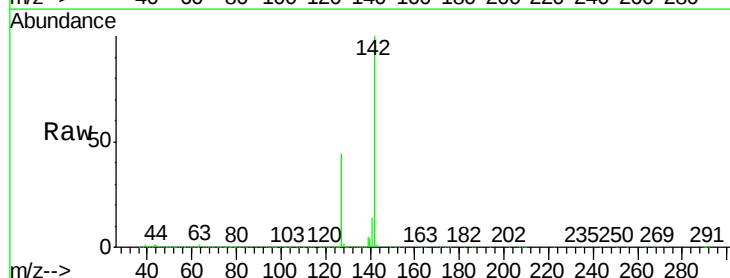
RT: 2.51 min Scan# 223

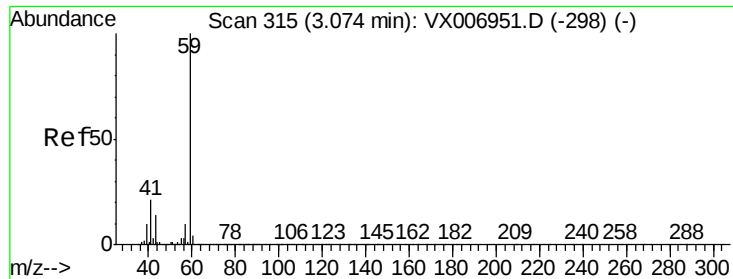
Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Tgt Ion:	142	Resp:	334067
Ion Ratio	Lower	Upper	
142	100		
127	43.0	33.9	50.9
141	14.3	11.4	17.0





#11

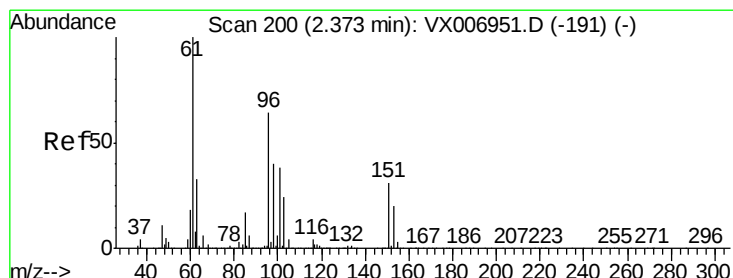
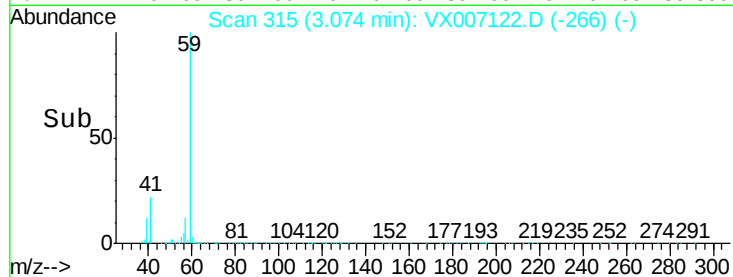
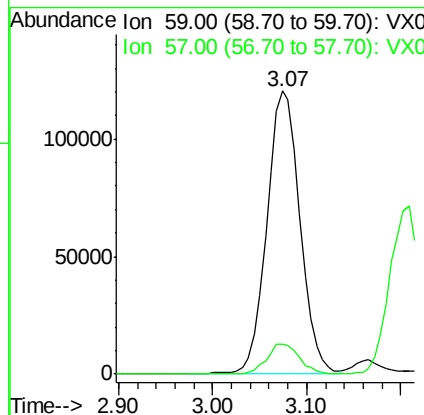
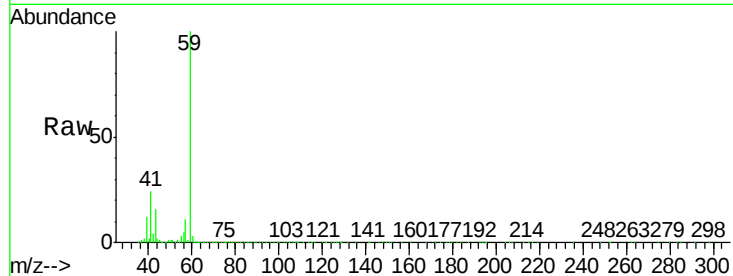
Tert butyl alcohol
Concen: 238.199 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

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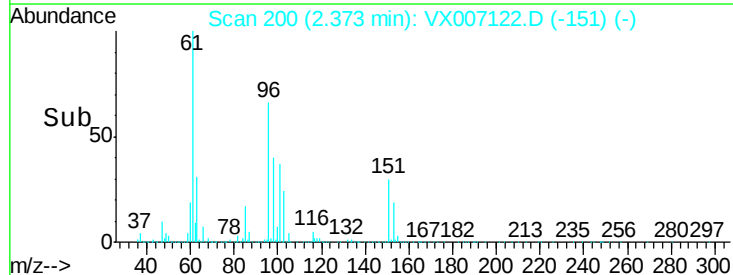
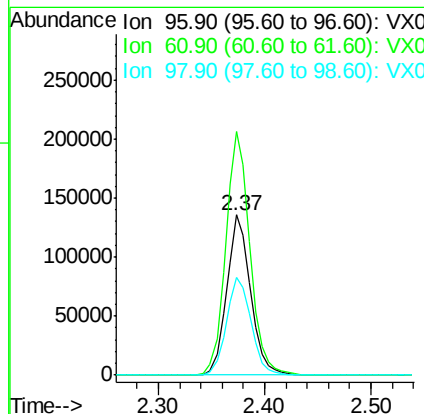
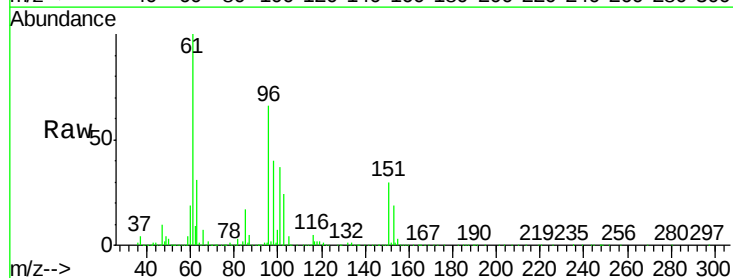
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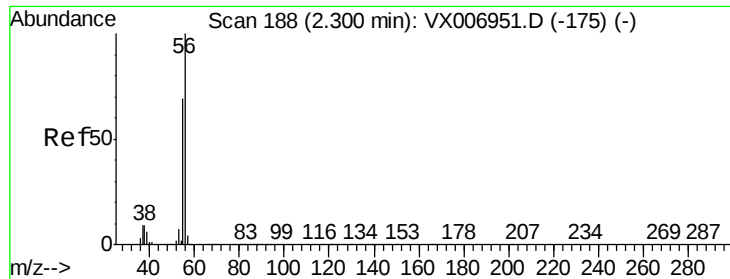


#12

1,1-Dichloroethene
Concen: 46.029 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.8	121.4	182.2
98	61.1	51.9	77.9





#13

Acrolein

Concen: 226.550 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 121226

Ion Ratio Lower Upper

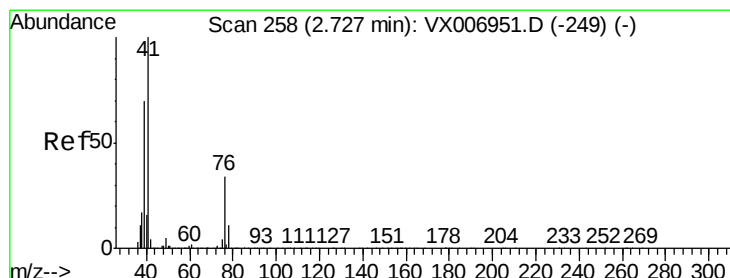
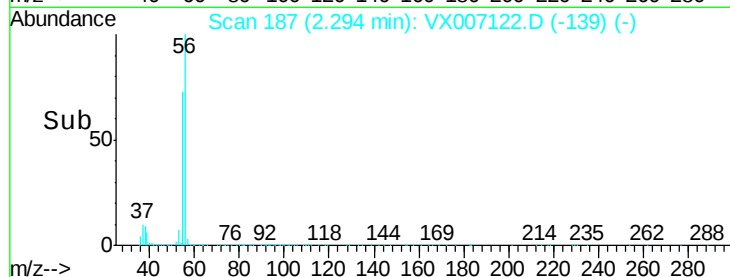
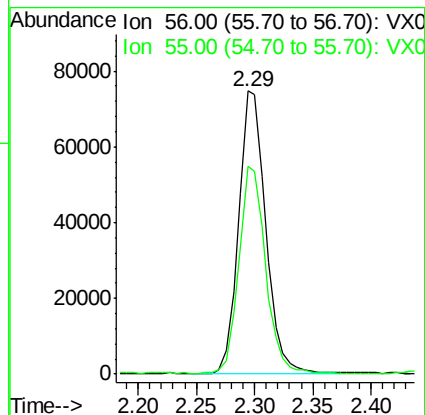
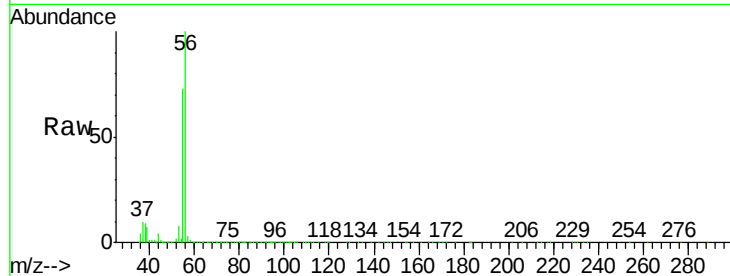
56 100

55 71.9 58.2 87.4

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#14

Allyl chloride

Concen: 45.292 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

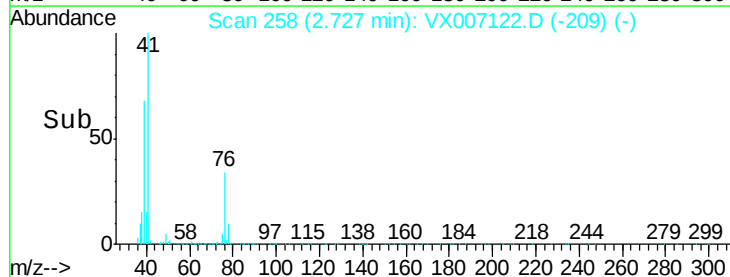
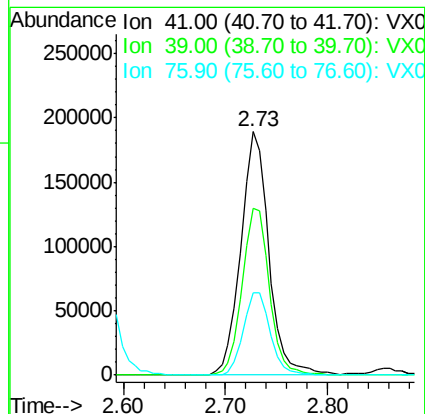
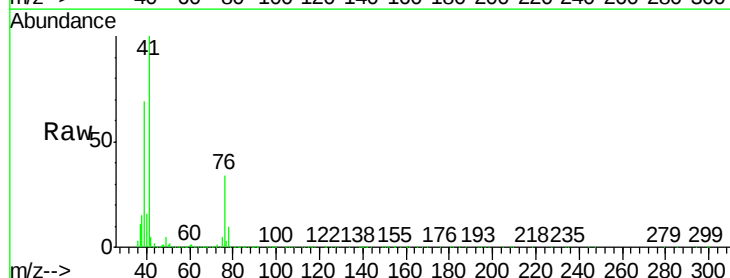
Tgt Ion: 41 Resp: 359504

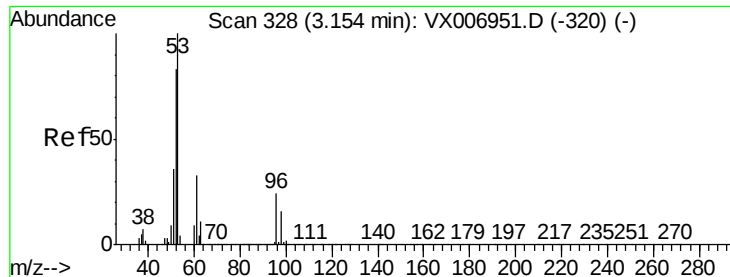
Ion Ratio Lower Upper

41 100

39 66.5 53.6 80.4

76 32.5 27.4 41.2





#15

Acrylonitrile

Concen: 247.037 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

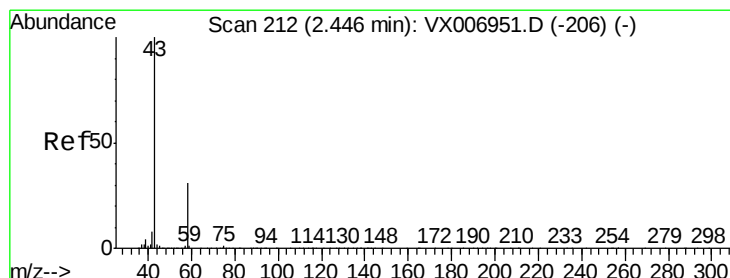
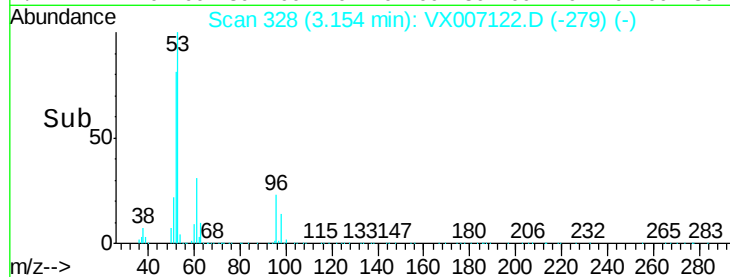
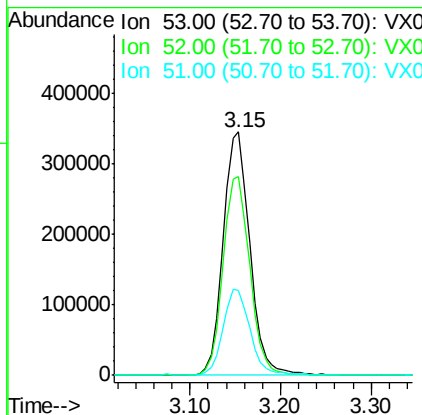
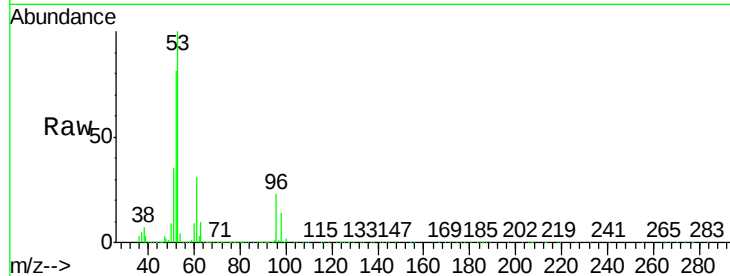
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	704523
Ion Ratio		Lower	Upper
53	100		
52	82.1	66.0	99.0
51	35.8	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 232.083 ug/l

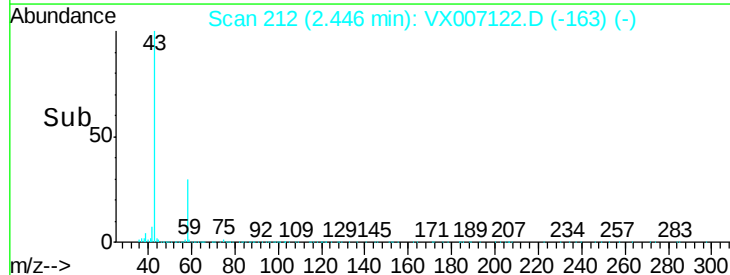
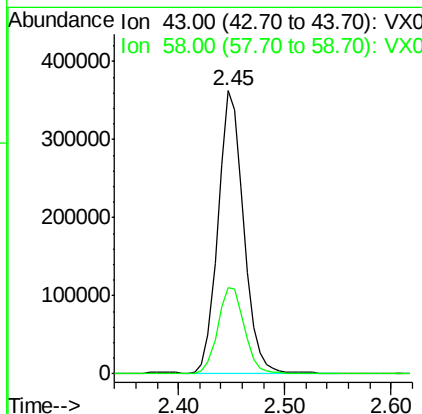
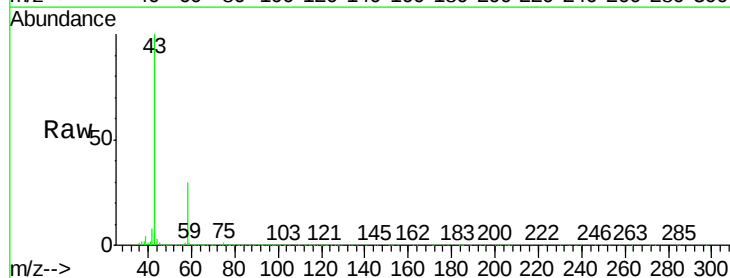
RT: 2.45 min Scan# 212

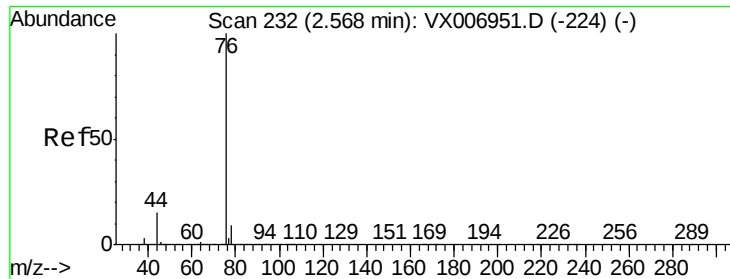
Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Tgt Ion:	43	Resp:	604237
Ion Ratio		Lower	Upper
43	100		
58	30.4	25.0	37.6





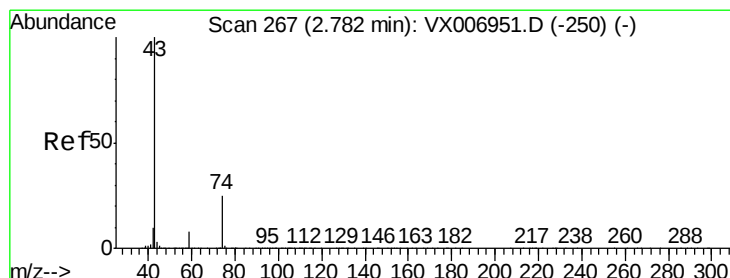
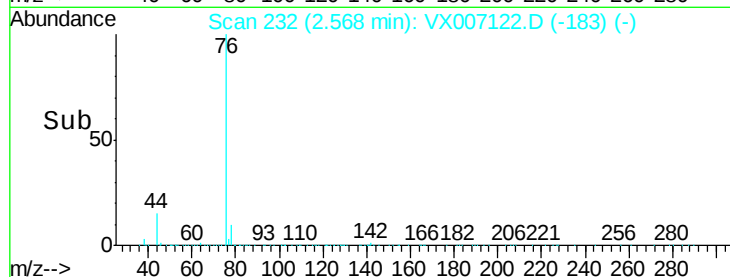
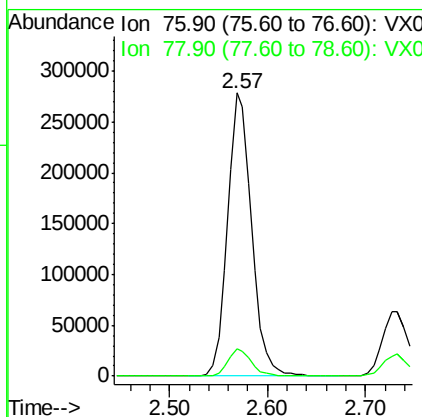
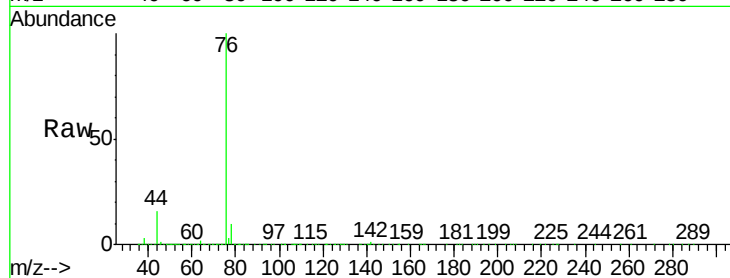
#17
Carbon Disulfide
Concen: 39.702 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.0	10.6

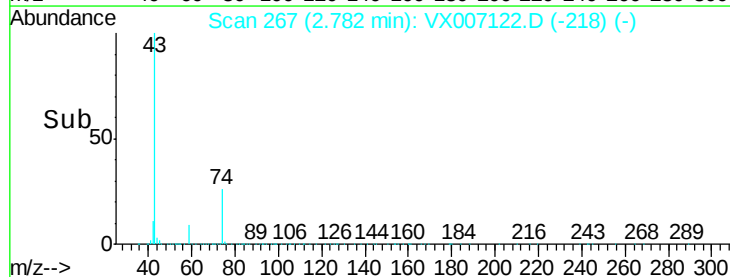
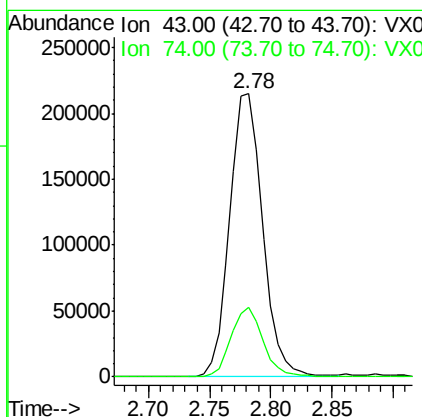
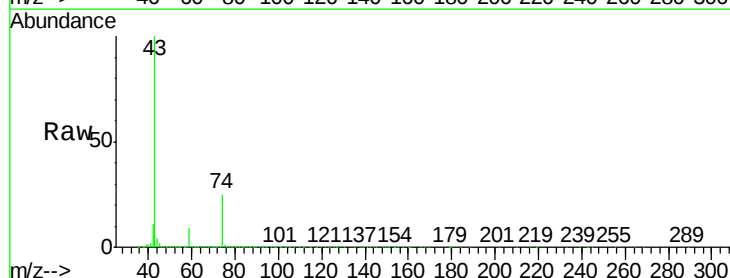
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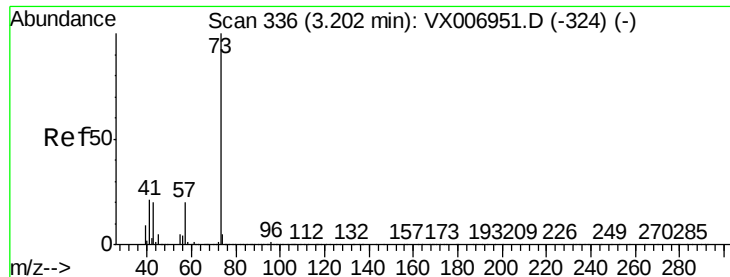
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#18
Methyl Acetate
Concen: 52.943 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	18.6	28.0





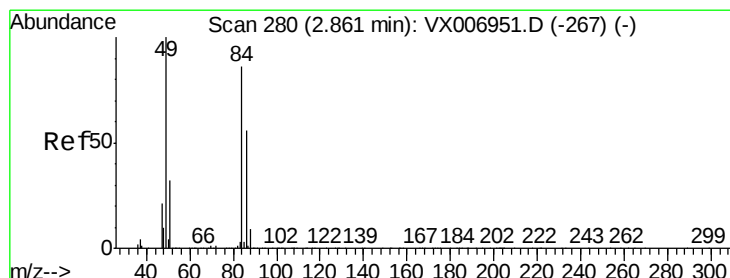
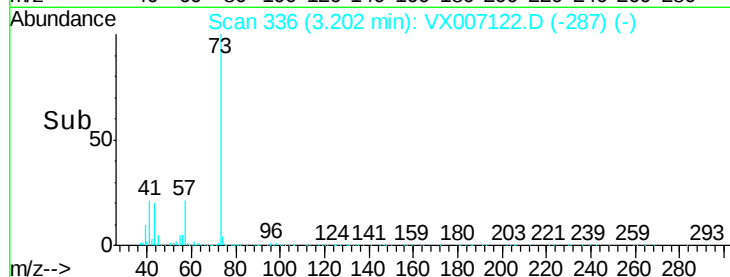
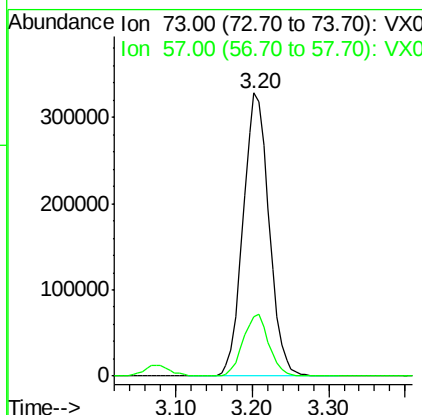
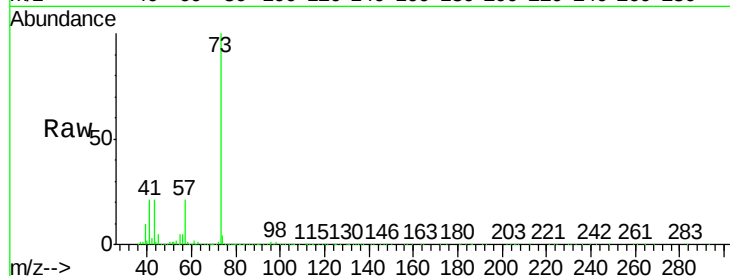
#19
Methyl tert-butyl Ether
Concen: 48.155 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.8	25.2

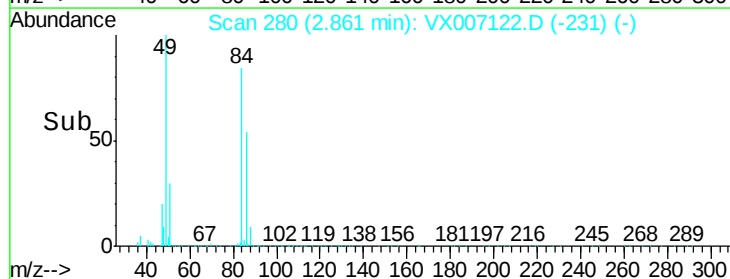
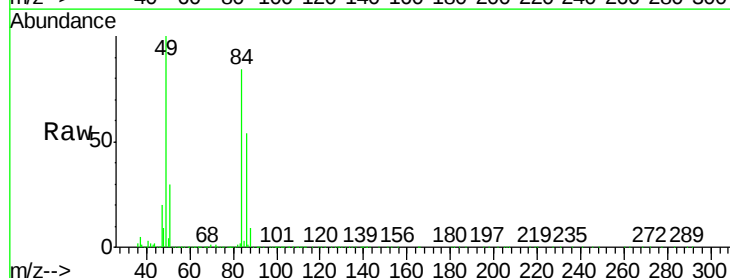
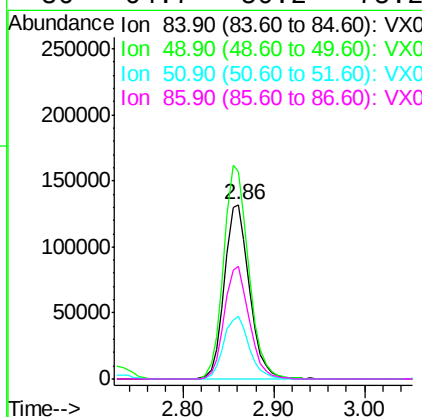
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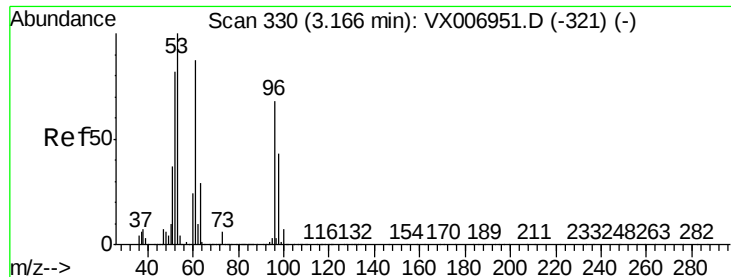
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#20
Methylene Chloride
Concen: 51.216 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.9	91.8	137.6
51	35.8	28.5	42.7
86	64.7	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 45.220 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

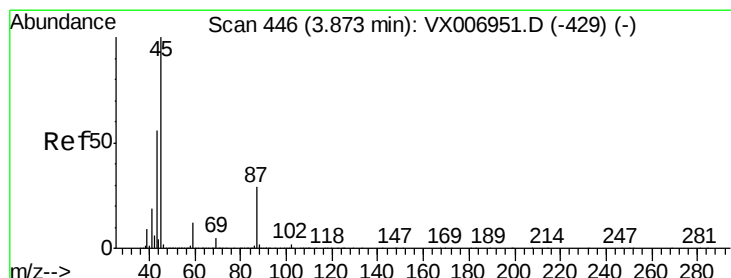
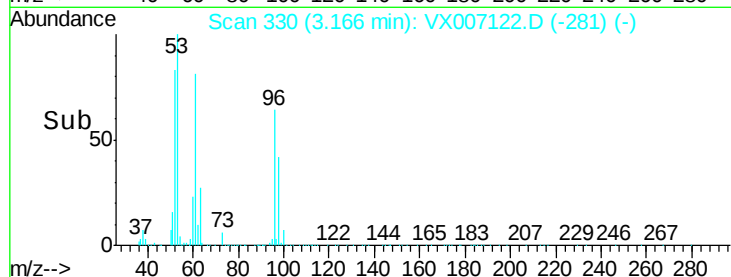
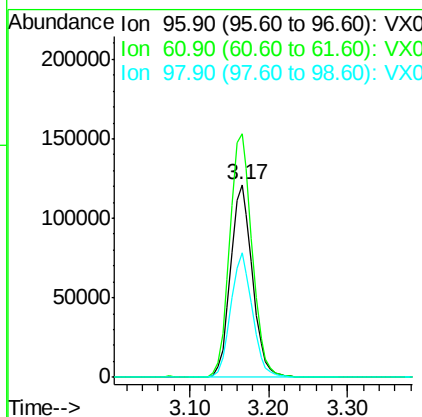
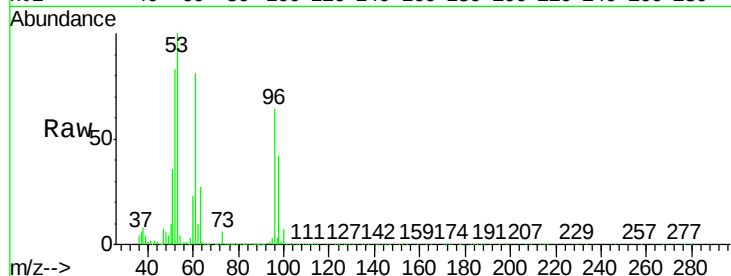
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	233389
Ion Ratio	Lower	Upper	
96	100		
61	126.0	103.7	155.5
98	64.4	51.0	76.6

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#22

Diisopropyl ether

Concen: 48.509 ug/l

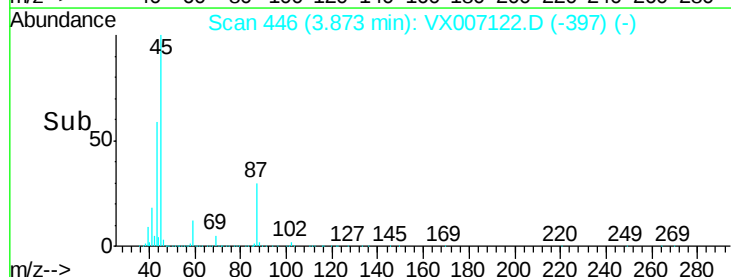
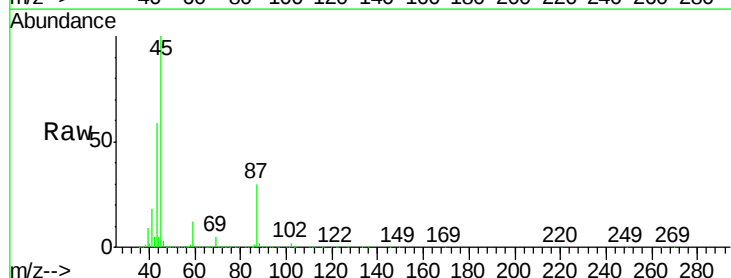
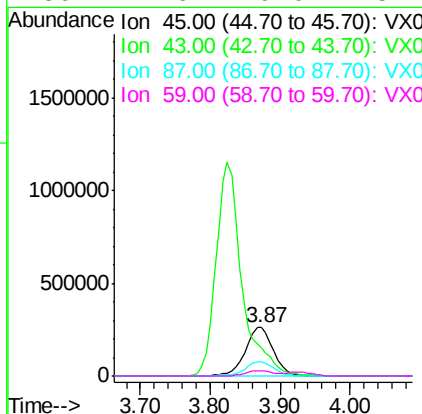
RT: 3.87 min Scan# 446

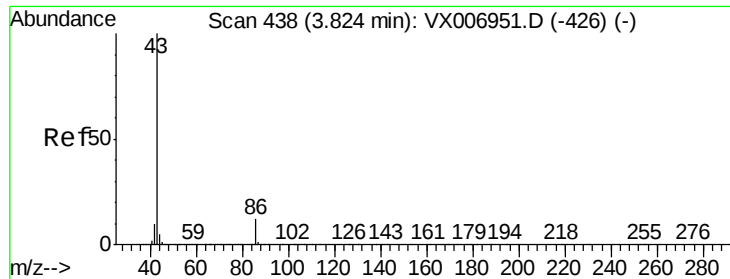
Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Tgt Ion:	45	Resp:	723858
Ion Ratio	Lower	Upper	
45	100		
43	58.8	51.2	76.8
87	30.1	25.8	38.6
59	11.6	9.0	13.4





#23

Vinyl Acetate

Concen: 235.925 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 2968930

Ion Ratio Lower Upper

43 100

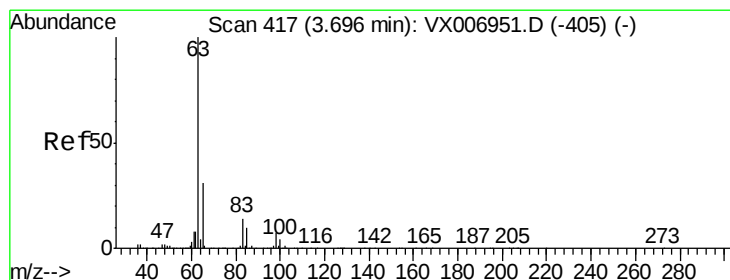
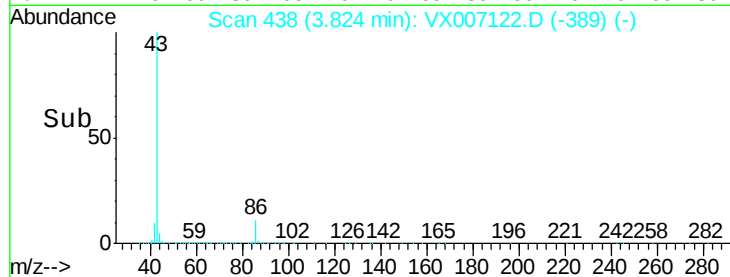
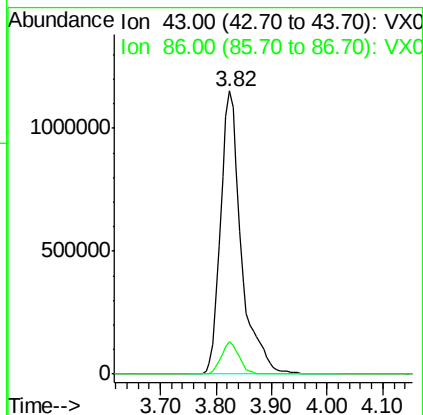
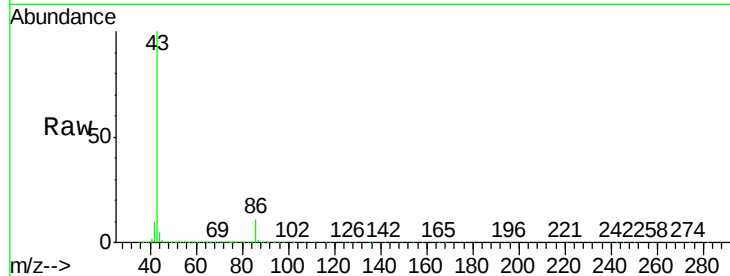
86 11.3 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 46.978 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

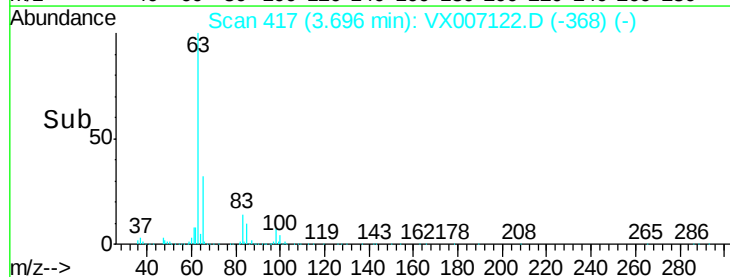
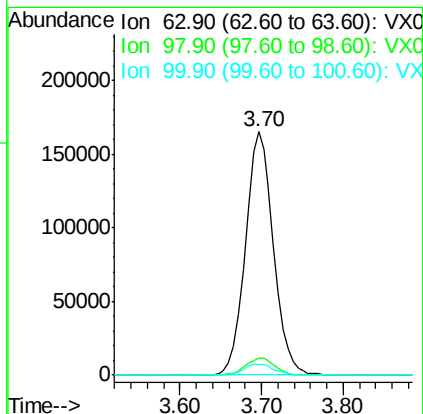
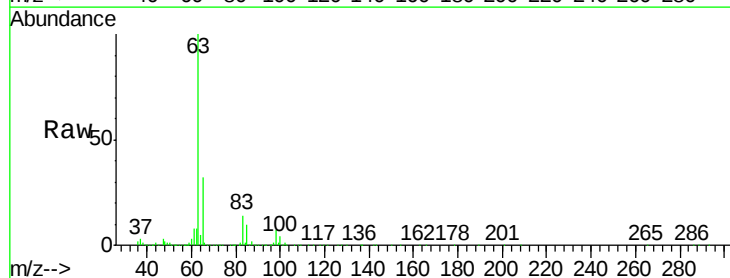
Tgt Ion: 63 Resp: 391986

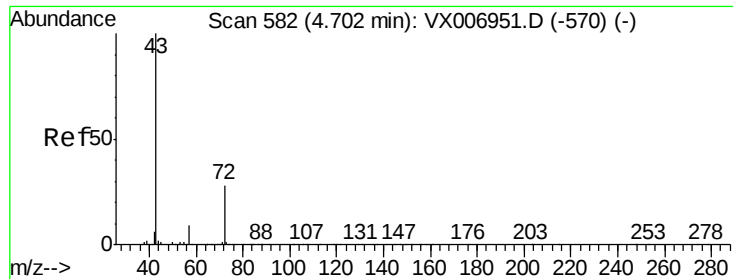
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 244.520 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Tot Ion: 43 Resp: 910908

Ion Ratio Lower Upper

43 100

72 27.3 22.4 33.6

Instrument :

MSVOA_X

ClientSampleId :

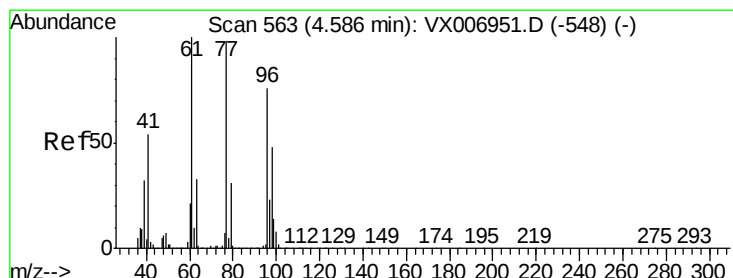
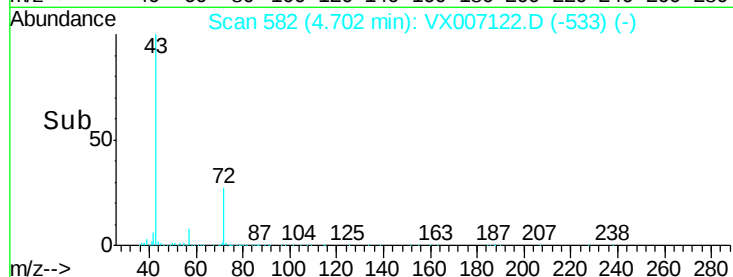
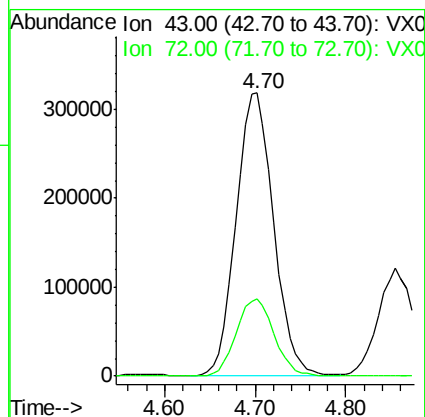
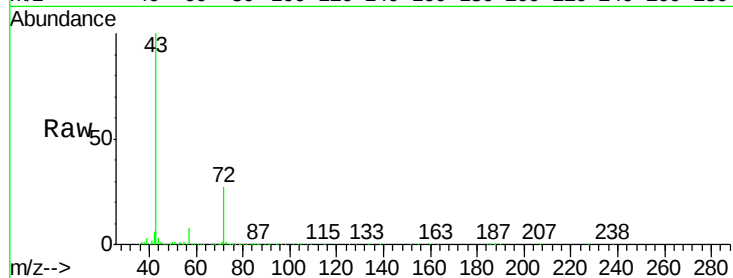
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 30.555 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007122.D

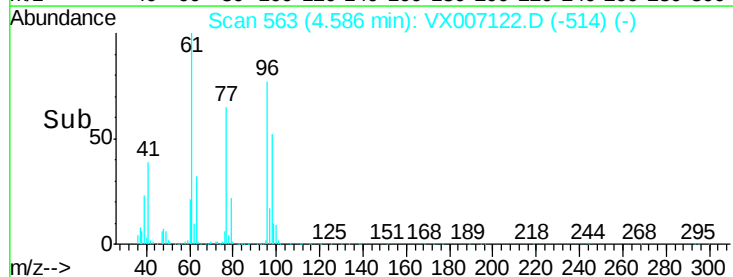
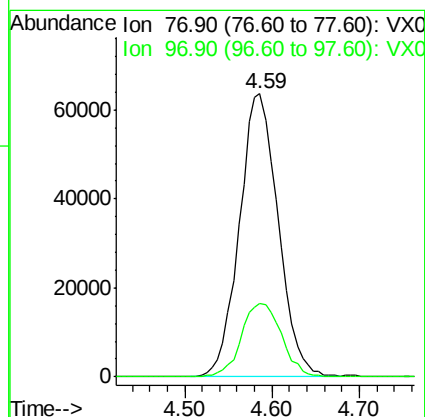
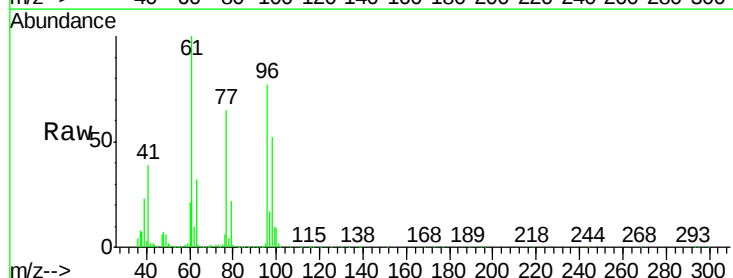
Acq: 18 Jan 2019 06:55

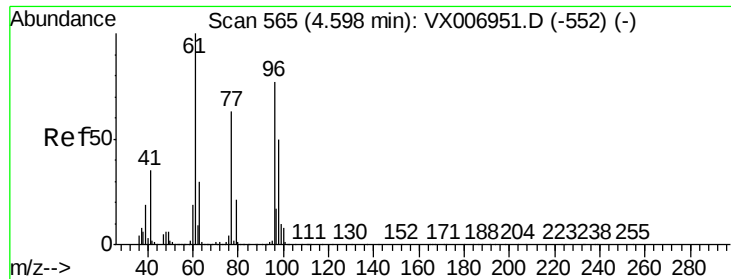
Tgt Ion: 77 Resp: 196046

Ion Ratio Lower Upper

77 100

97 27.0 12.4 37.4





#27

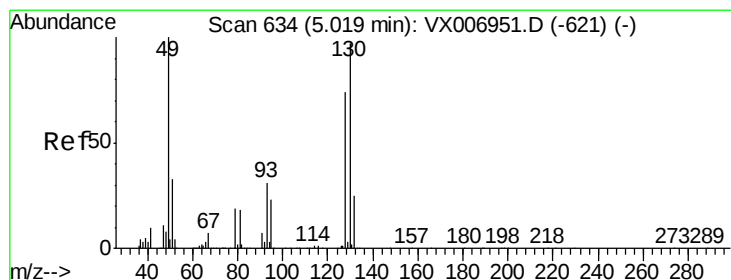
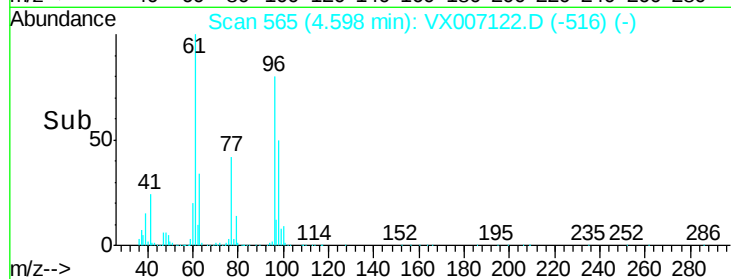
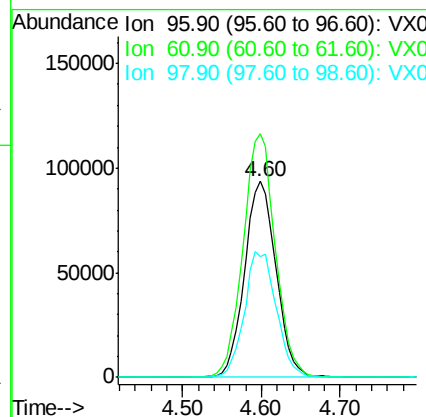
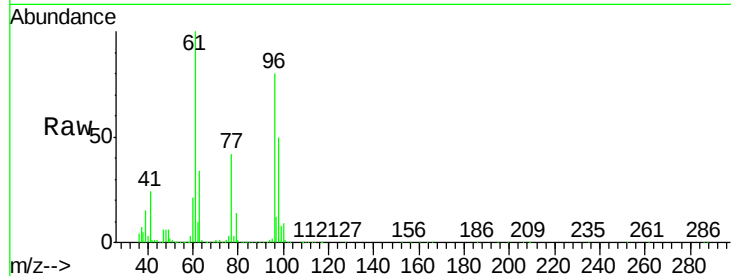
cis-1,2-Dichloroethene
Concen: 45.821 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.3	0.0	258.6
98	64.9	0.0	132.0

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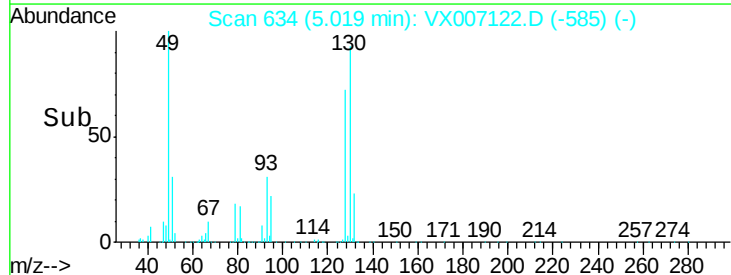
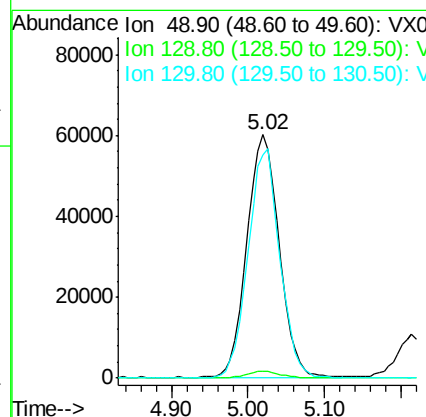
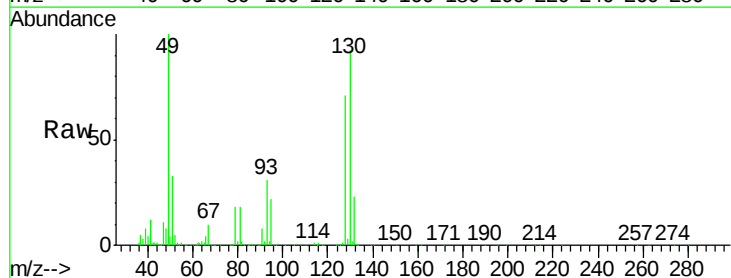
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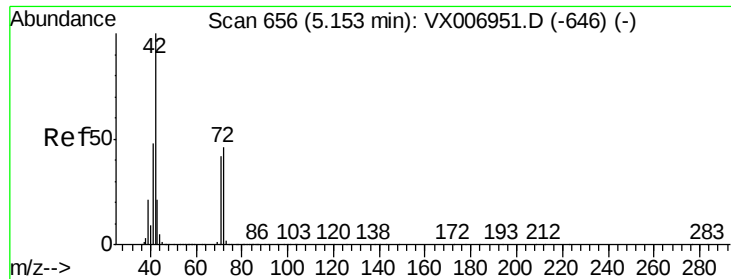


#28

Bromochloromethane
Concen: 48.496 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.4
130	92.5	77.7	116.5





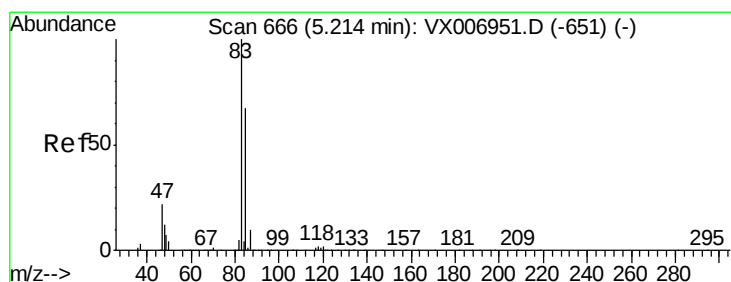
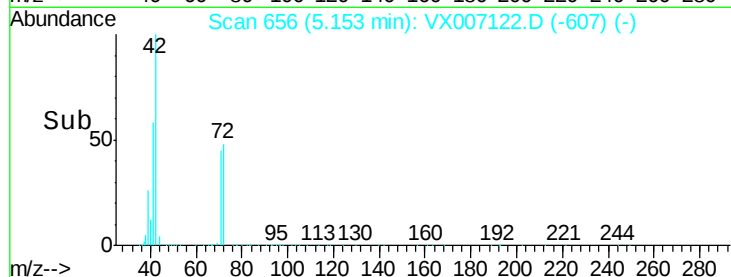
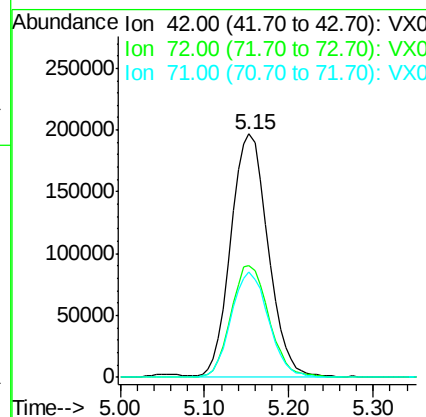
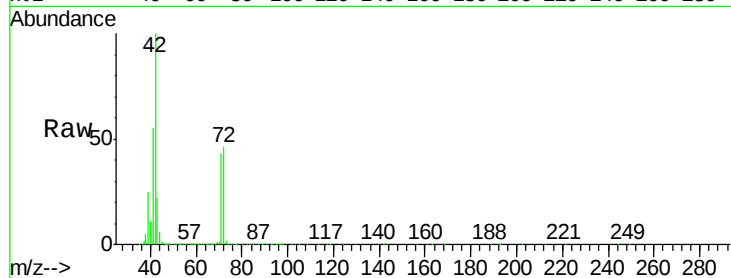
#29
Tetrahydrofuran
Concen: 243.384 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.0	38.9	58.3
71	43.5	36.2	54.4

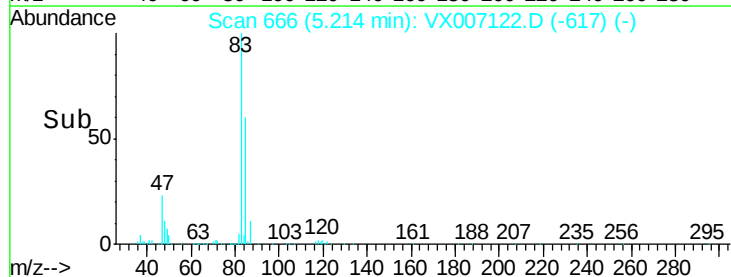
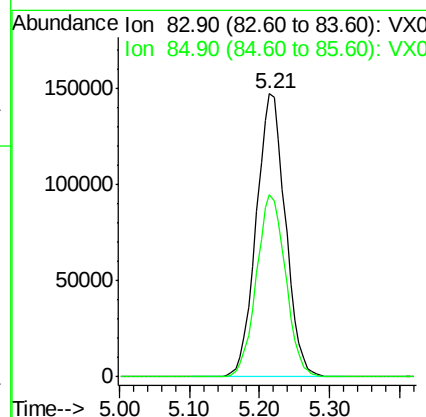
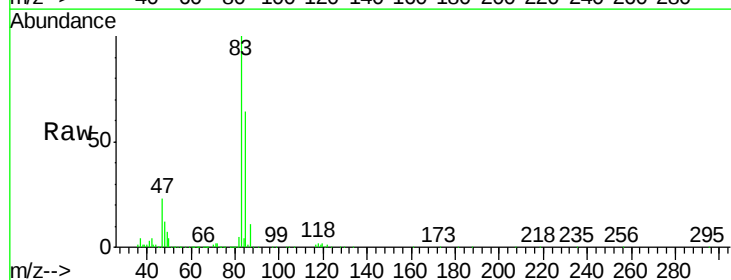
Manual Integrations
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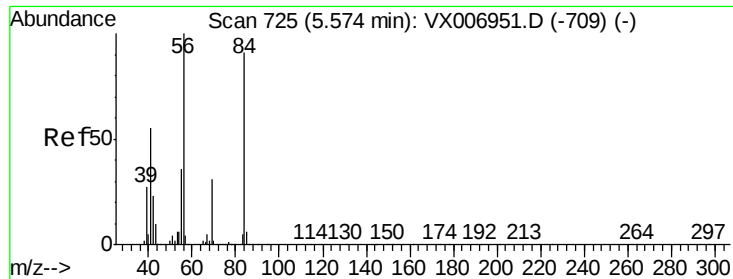
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1/18/2019 10:22:30 AM



#30
Chloroform
Concen: 48.789 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.2	76.8





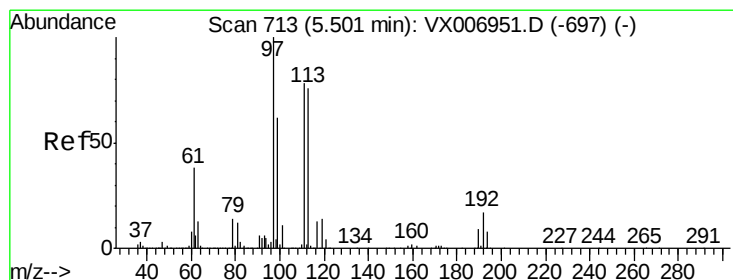
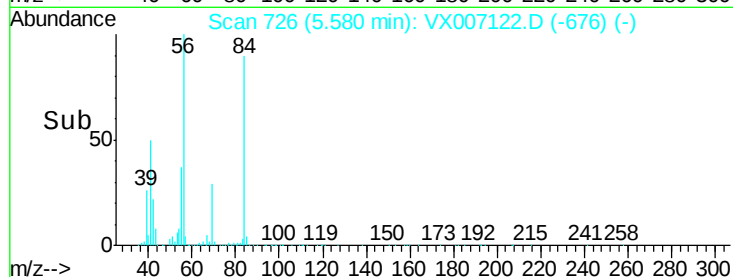
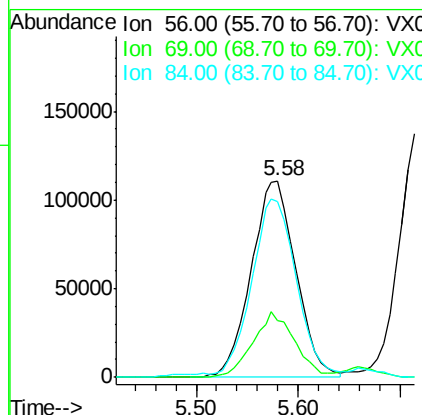
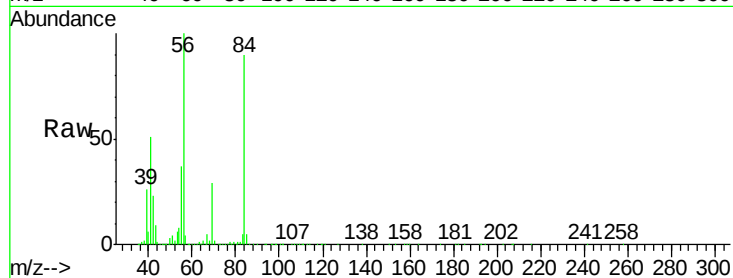
#31
Cyclohexane
Concen: 45.332 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.9	24.4	36.6
84	88.3	70.0	105.0

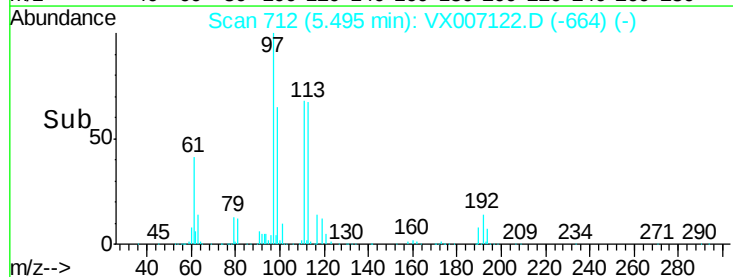
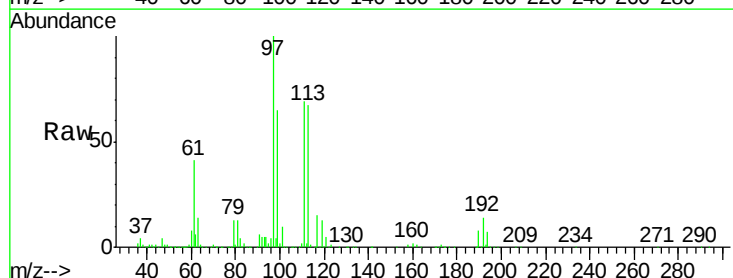
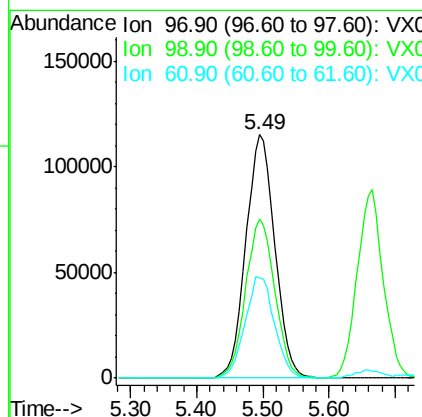
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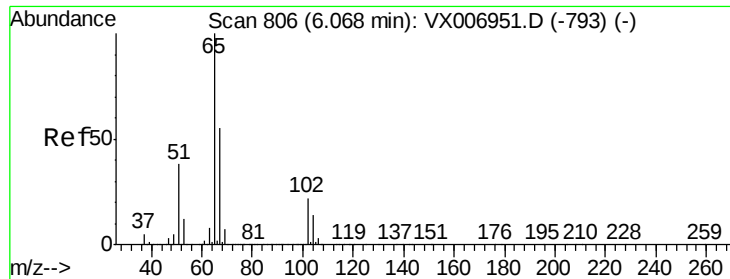
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1/18/2019 10:22:30 AM



#32
1,1,1-Trichloroethane
Concen: 47.460 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.7	77.5
61	42.3	31.3	46.9





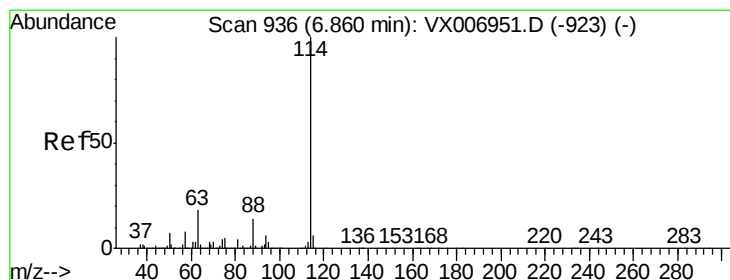
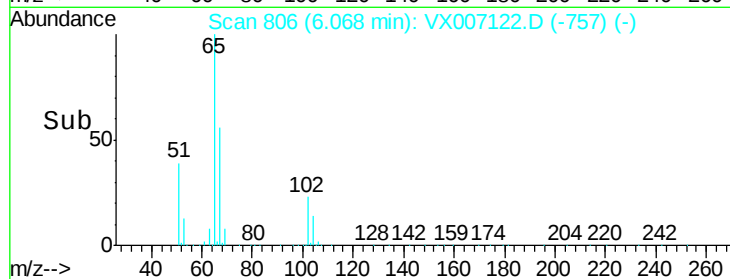
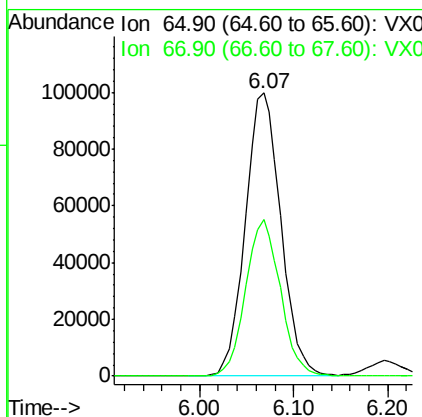
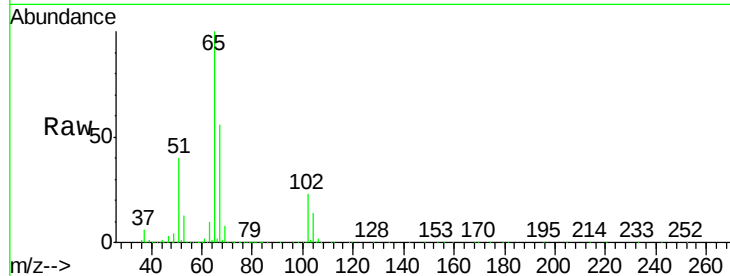
#33
 1,2-Dichloroethane-d4
 Concen: 50.150 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007122.D
 Acq: 18 Jan 2019 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	105.0

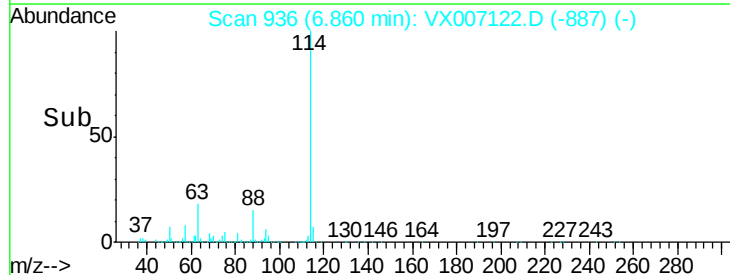
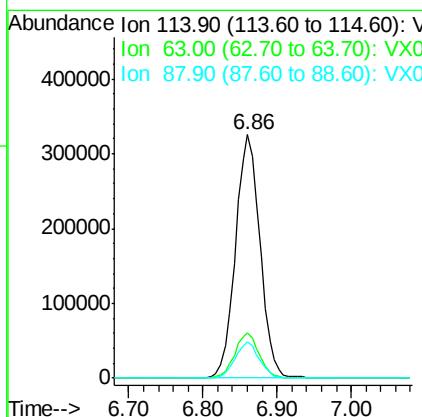
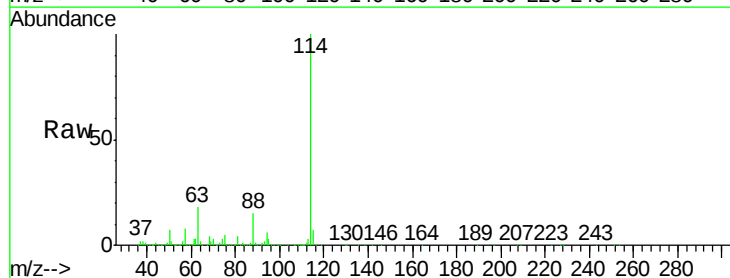
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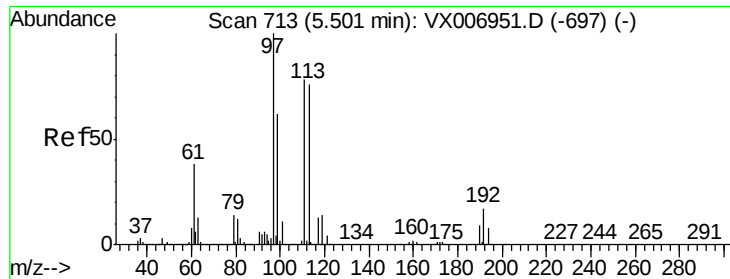
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 1/18/2019 10:22:30 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007122.D
 Acq: 18 Jan 2019 06:55

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	34.8
88	14.8	0.0	28.8





#35

Dibromofluoromethane

Concen: 49.616 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

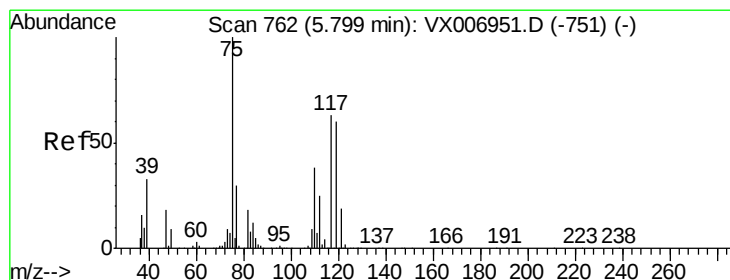
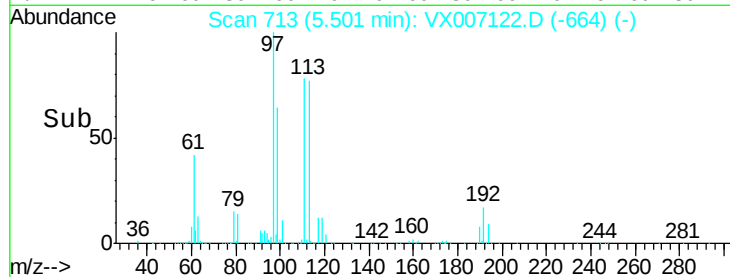
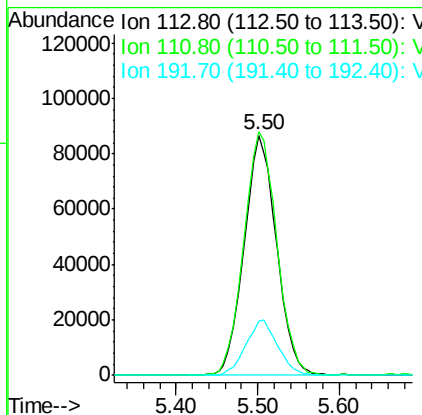
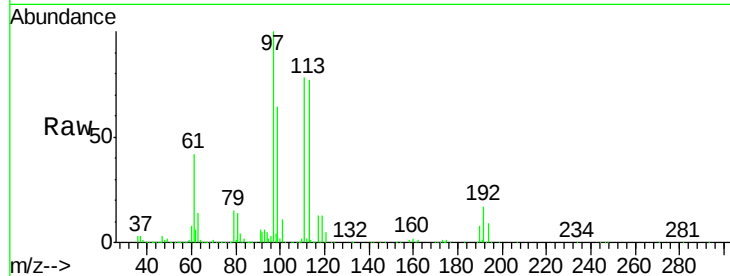
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	239085
Ion Ratio	Lower	Upper	
113	100		
111	103.4	81.6	122.4
192	22.8	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 46.106 ug/l

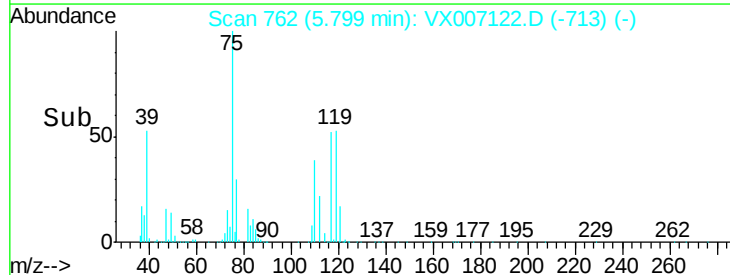
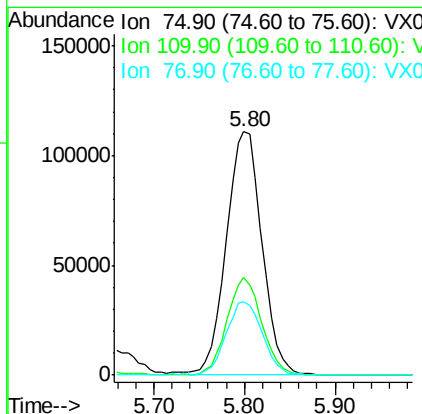
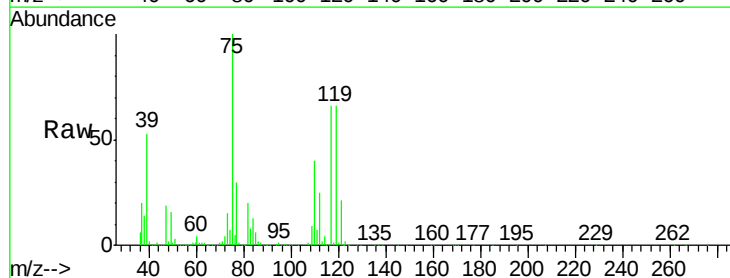
RT: 5.80 min Scan# 762

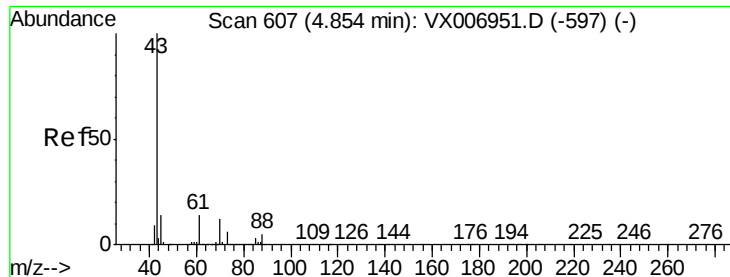
Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Tgt Ion:	75	Resp:	301623
Ion Ratio	Lower	Upper	
75	100		
110	39.3	20.2	60.5
77	30.5	24.8	37.2





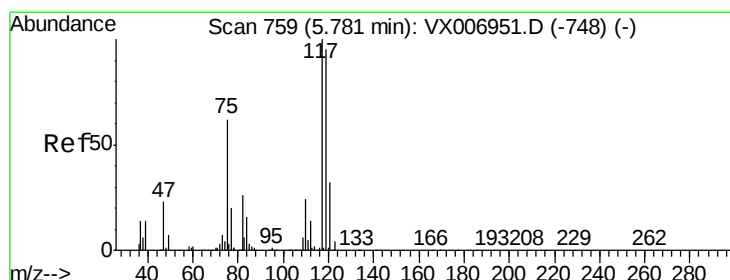
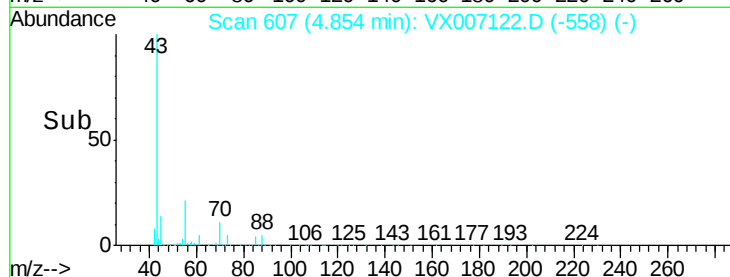
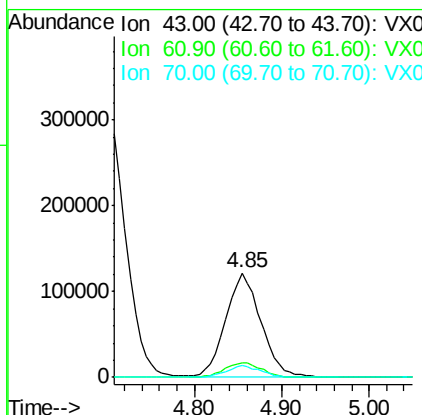
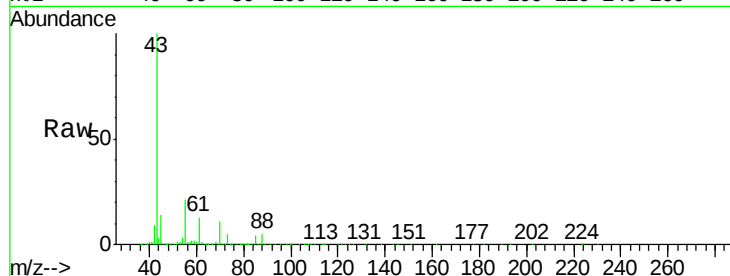
#37
Ethyl Acetate
Concen: 48.228 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	338252
Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.9	17.9
70	10.9	9.7	14.5

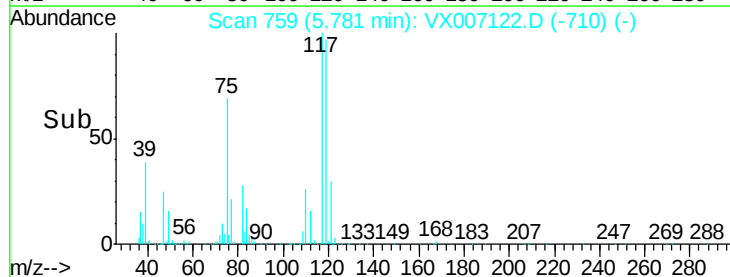
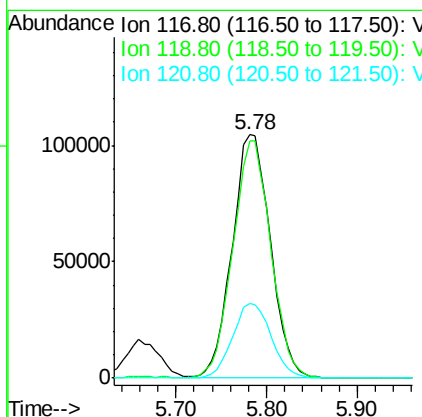
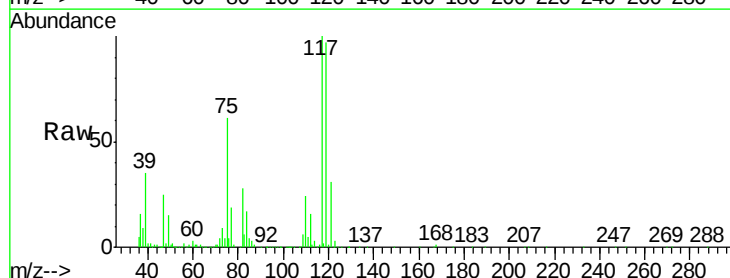
Manual Integrations
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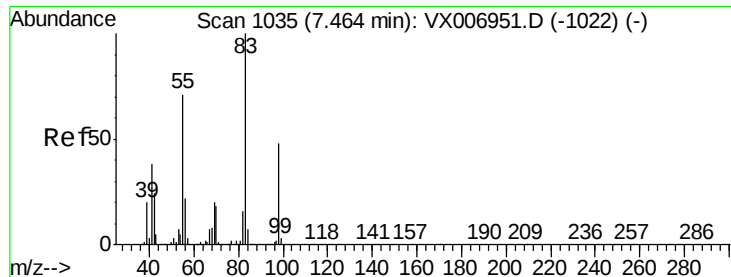
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#38
Carbon Tetrachloride
Concen: 46.458 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion:	117	Resp:	305790
Ion	Ratio	Lower	Upper
117	100		
119	97.2	79.4	119.2
121	30.7	24.0	36.0





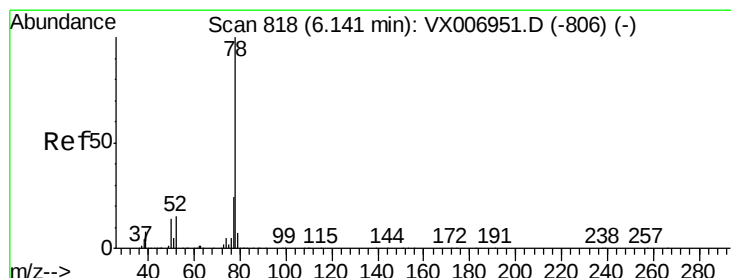
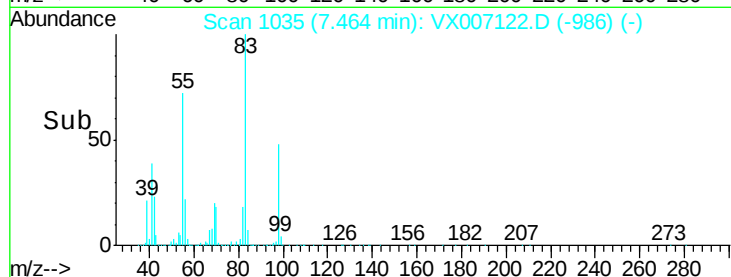
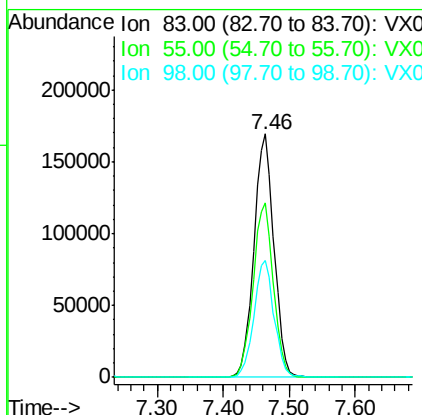
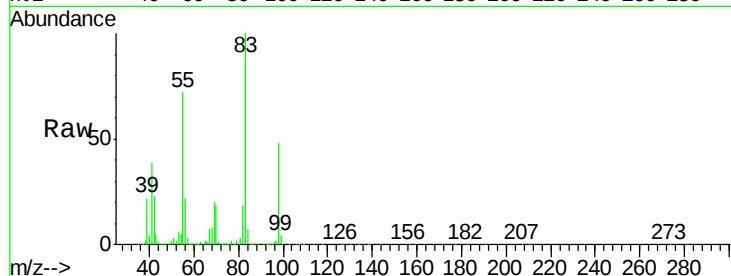
#39
Methvlcvclohexane
Concen: 43.135 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.8	54.9	82.3
98	47.9	37.9	56.9

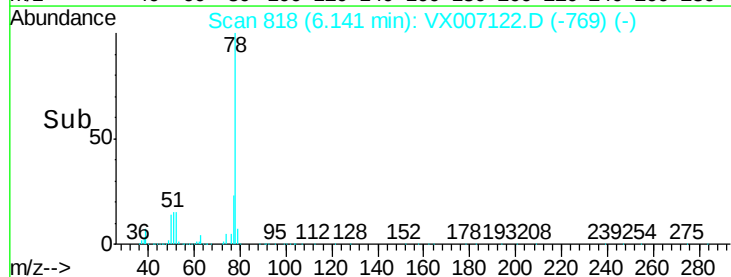
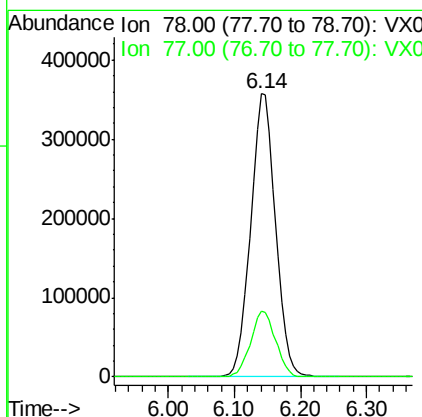
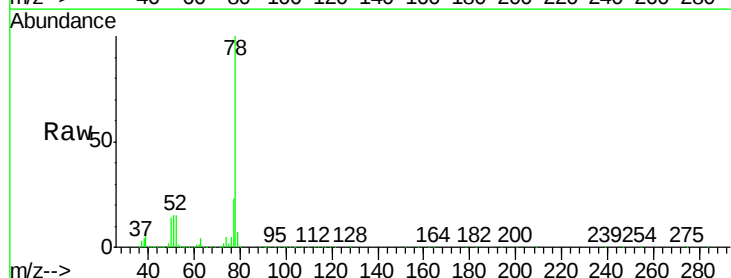
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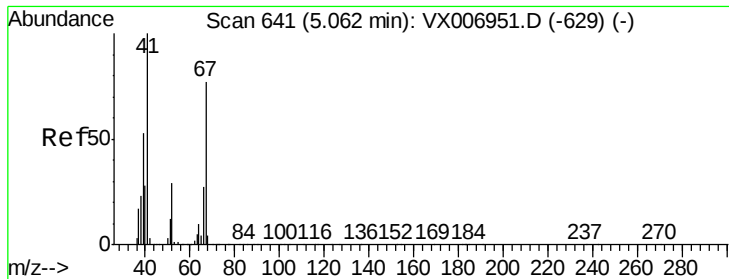
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#40
Benzene
Concen: 46.830 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.2	28.8





#41

Methacrylonitrile

Concen: 46.949 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Tot Ion:	41	Resp:	189692
Ion Ratio	Lower	Upper	
41	100		
39	54.6	42.8	64.2
67	76.1	62.1	93.1
52	29.6	23.4	35.0

Instrument :

MSVOA_X

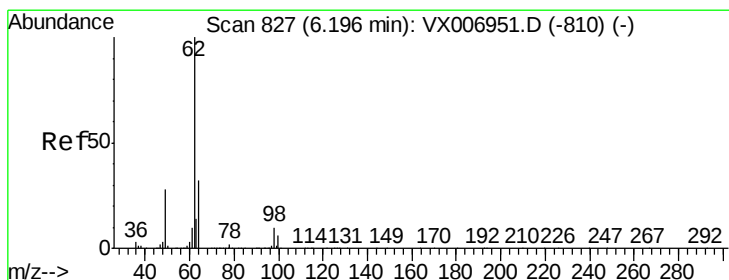
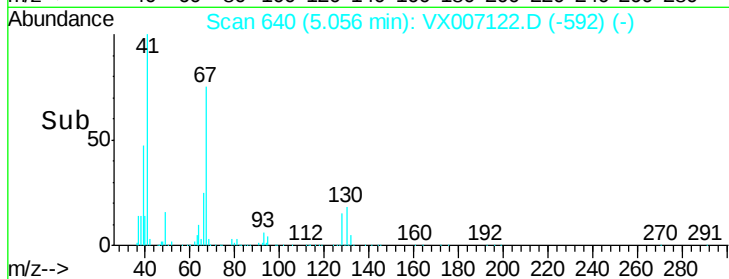
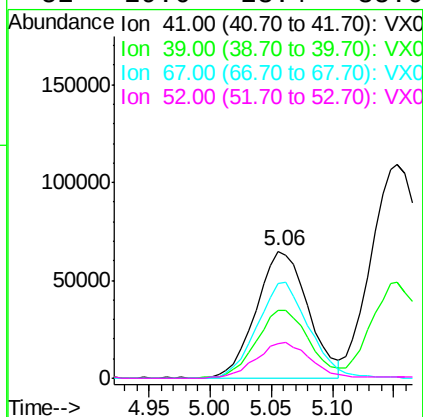
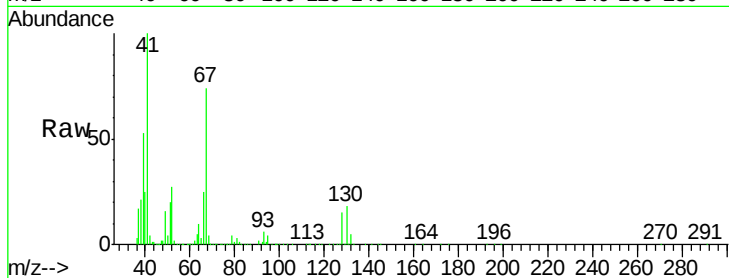
ClientSampleId :

VSTDCCC050EC

Manual Integrations
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1/18/2019 10:22:30 AM



#42

1,2-Dichloroethane

Concen: 46.146 ug/l

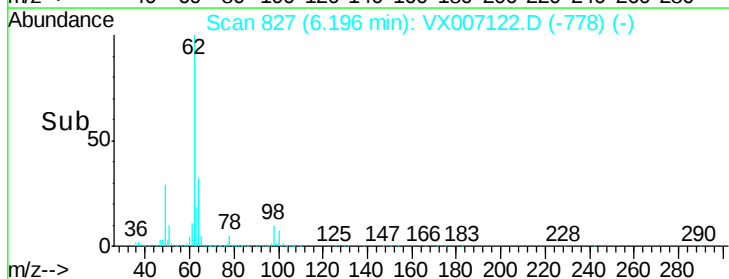
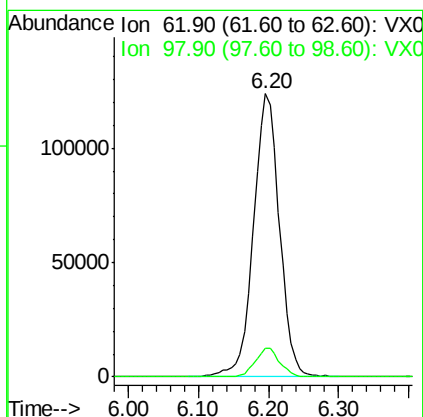
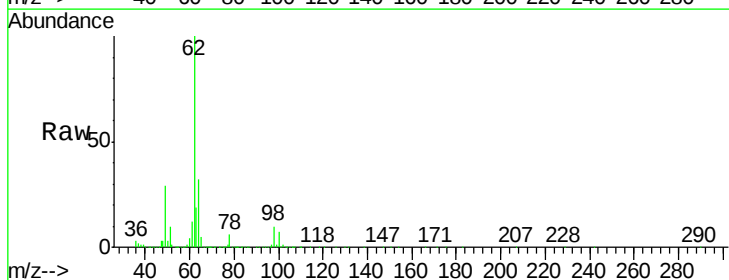
RT: 6.20 min Scan# 827

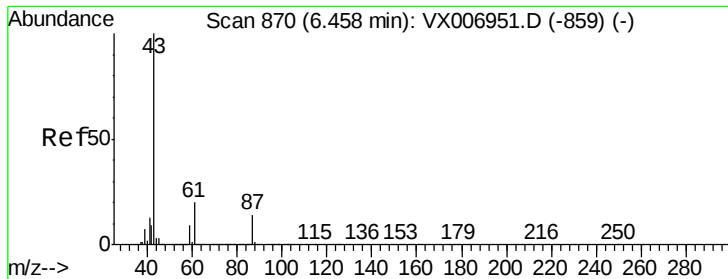
Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Tgt Ion:	62	Resp:	318316
Ion Ratio	Lower	Upper	
62	100		
98	9.7	0.0	20.2





#43

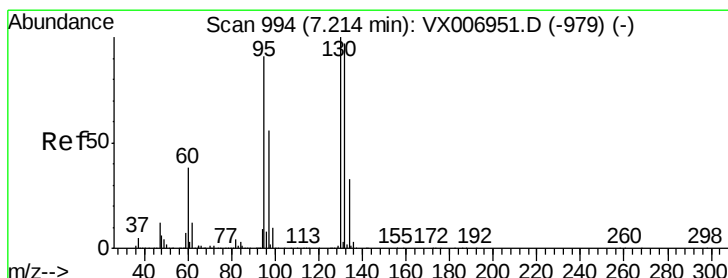
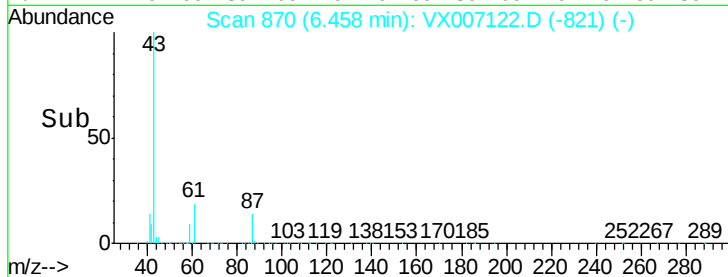
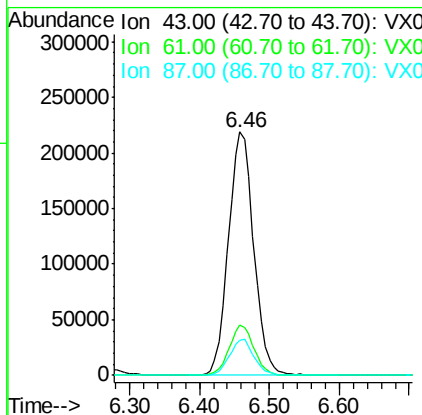
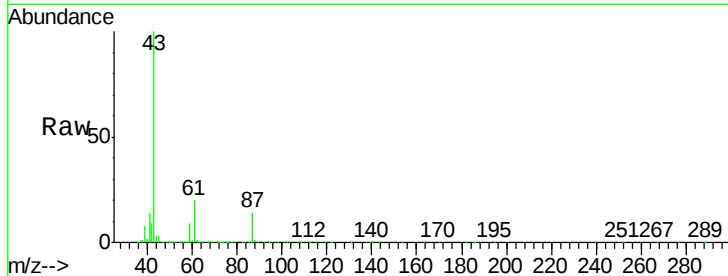
Isopropyl Acetate
 Concen: 49.508 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007122.D
 Acq: 18 Jan 2019 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.8	25.2
87	14.3	12.4	18.6

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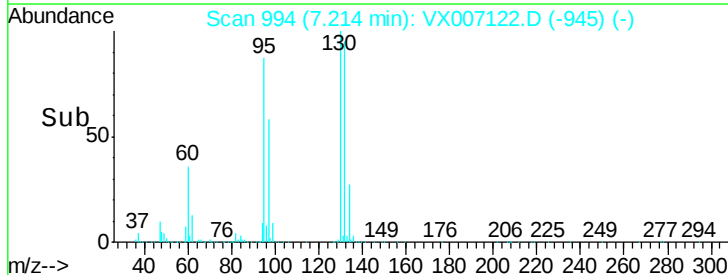
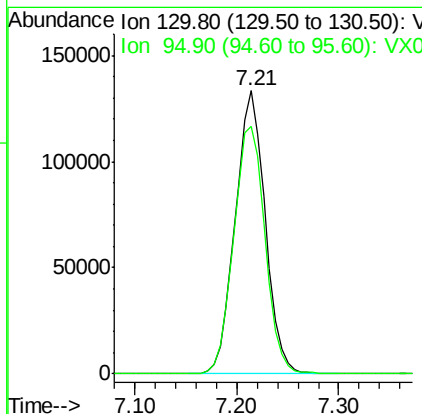
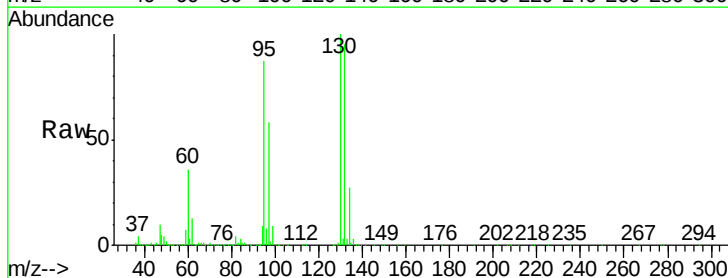
MMDadoda
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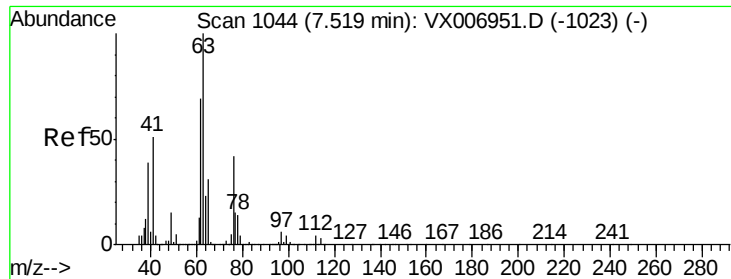


#44

Trichloroethene
 Concen: 45.369 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007122.D
 Acq: 18 Jan 2019 06:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.4	0.0	187.0





#45

1,2-Dichloropropane

Concen: 47.826 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 240014

Ion Ratio Lower Upper

63 100

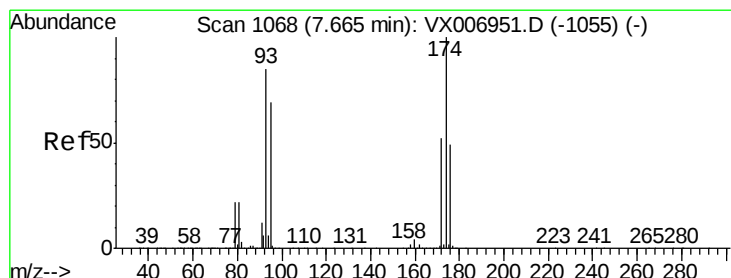
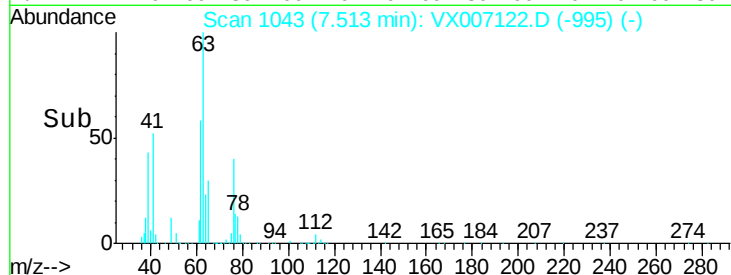
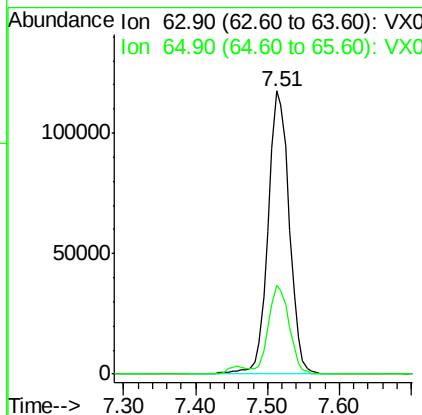
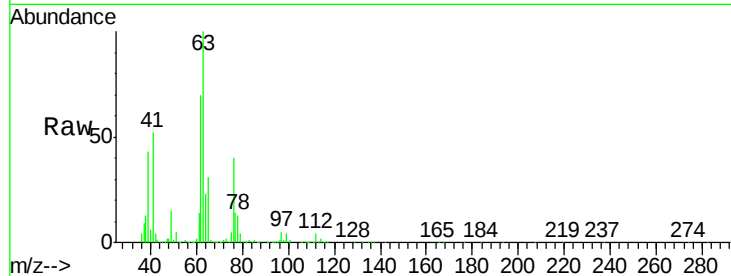
65 31.3 25.4 38.0

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#46

Dibromomethane

Concen: 48.343 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

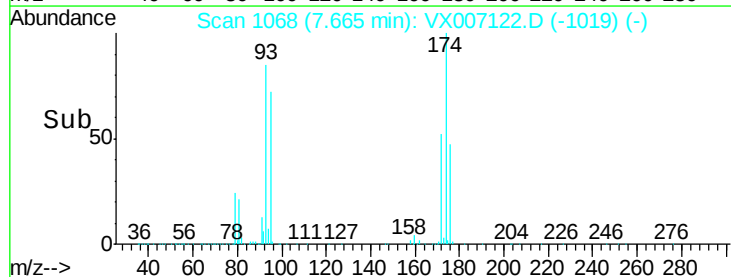
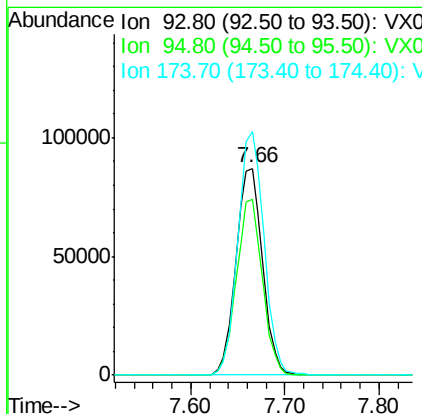
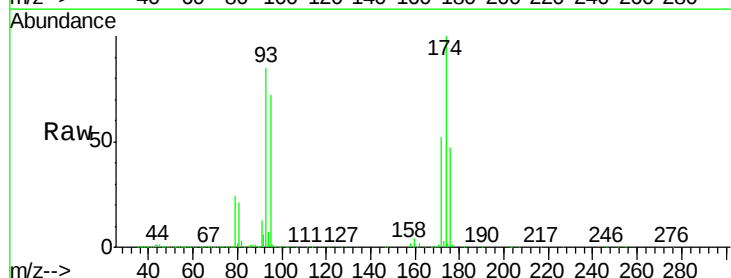
Tgt Ion: 93 Resp: 170504

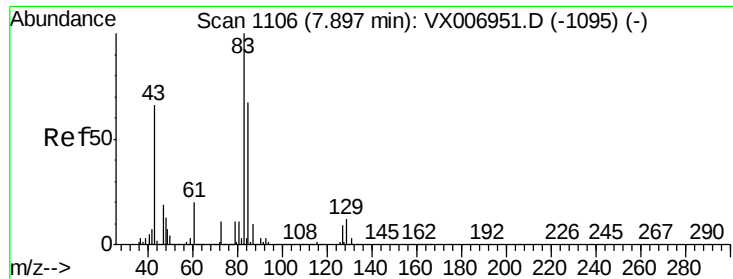
Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

174 116.1 91.0 136.4





#47

Bromodichloromethane

Concen: 50.033 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

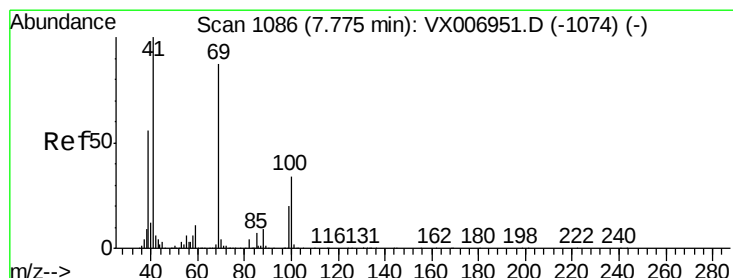
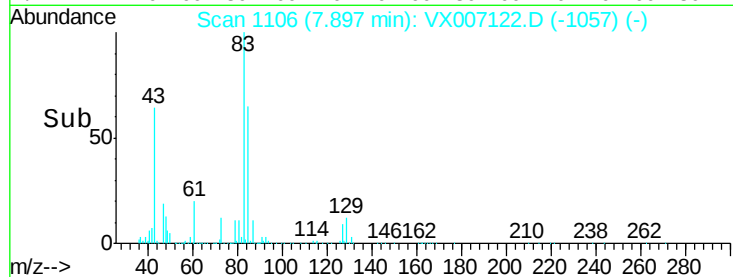
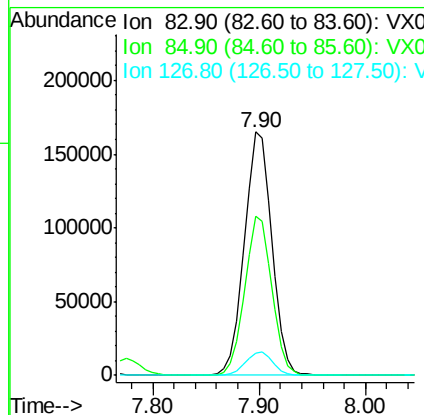
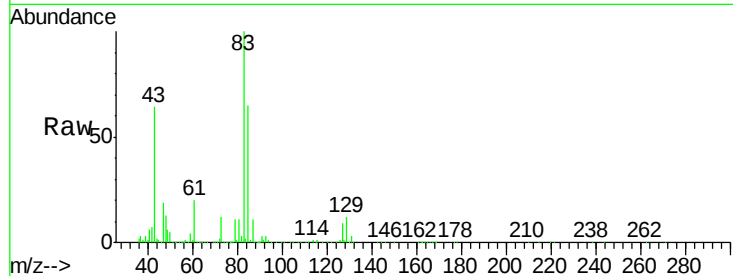
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	300367
Ion Ratio	Lower	Upper	
83	100		
85	65.3	53.2	79.8
127	9.0	7.8	11.6

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#48

Methyl methacrylate

Concen: 49.850 ug/l

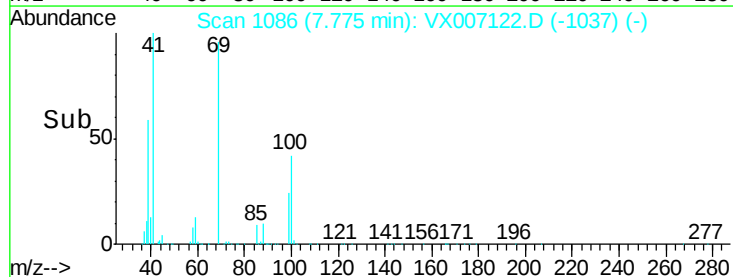
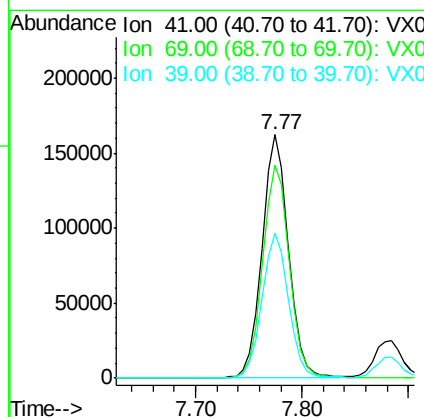
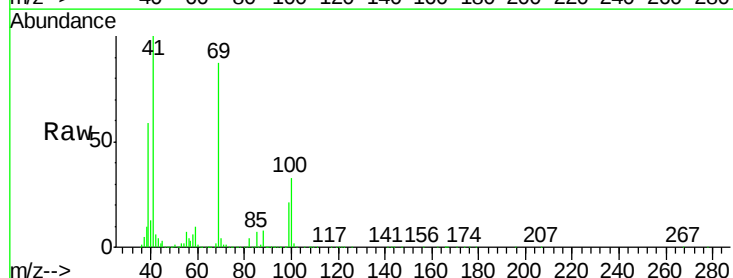
RT: 7.77 min Scan# 1086

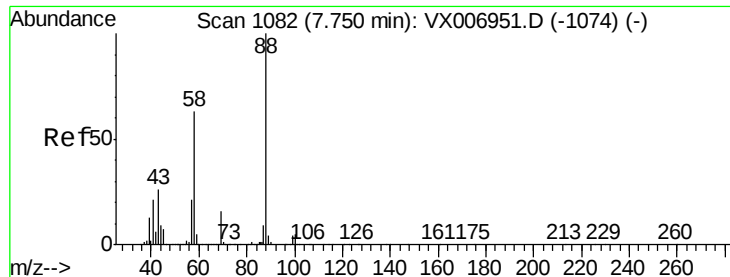
Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Tgt Ion:	41	Resp:	283212
Ion Ratio	Lower	Upper	
41	100		
69	88.7	72.4	108.6
39	59.1	45.8	68.8





#49

1,4-Dioxane

Concen: 998.216 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

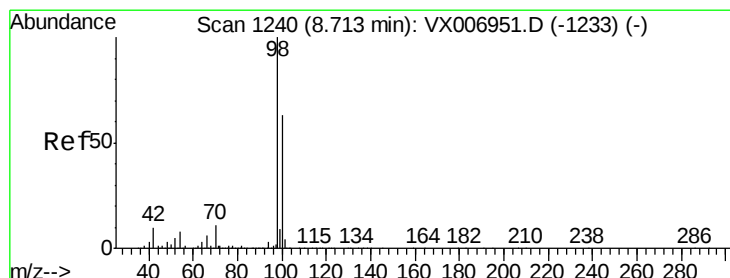
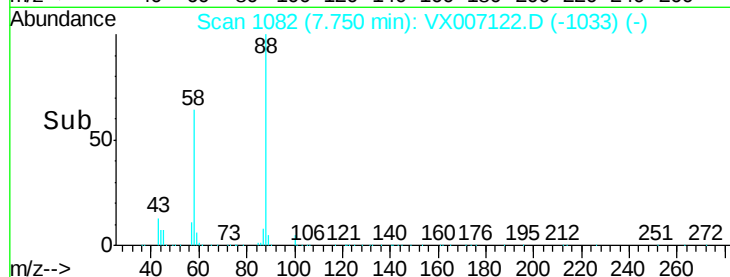
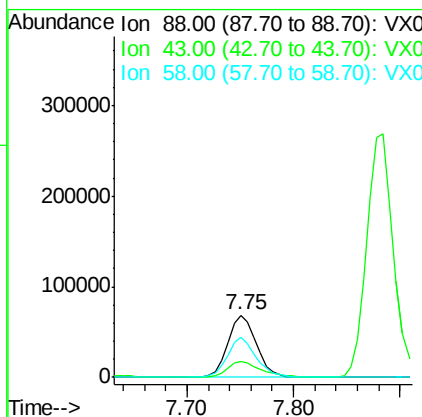
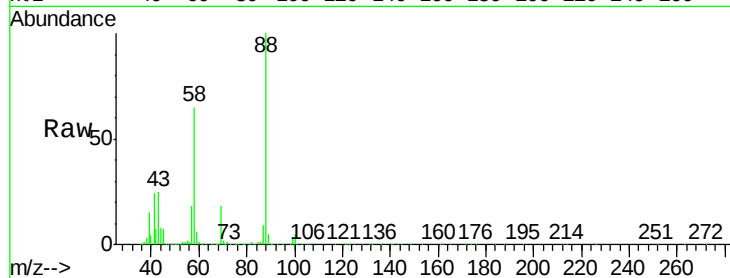
ClientSampled :

VSTDCCC050EC

Tot Ion:	88	Resp:	129514
Ion	Ratio	Lower	Upper
88	100		
43	28.1	22.2	33.4
58	64.4	51.0	76.4

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#50

Toluene-d8

Concen: 50.711 ug/l

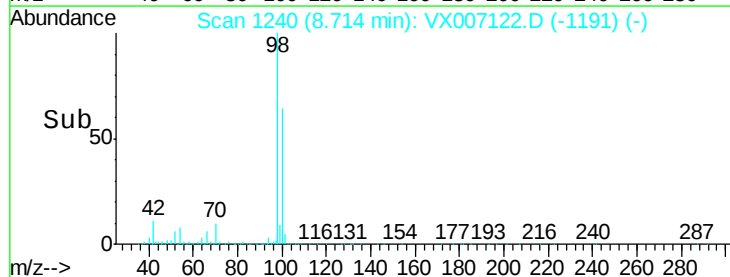
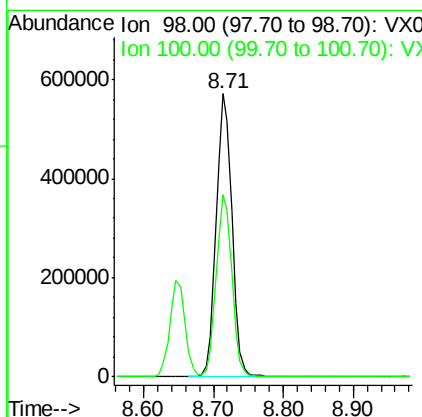
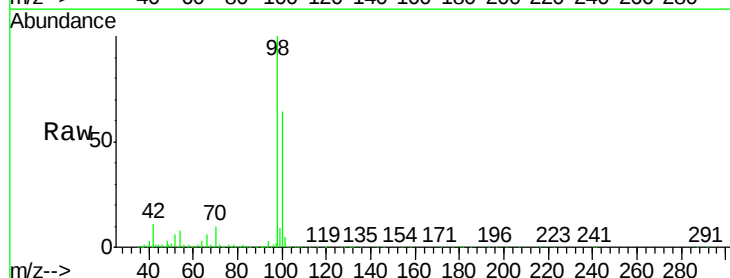
RT: 8.71 min Scan# 1240

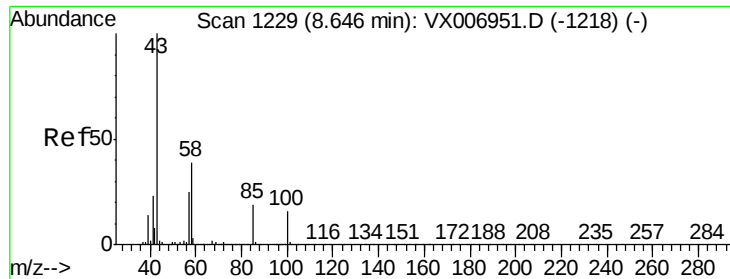
Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Tgt Ion:	98	Resp:	894440
Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.0	78.0





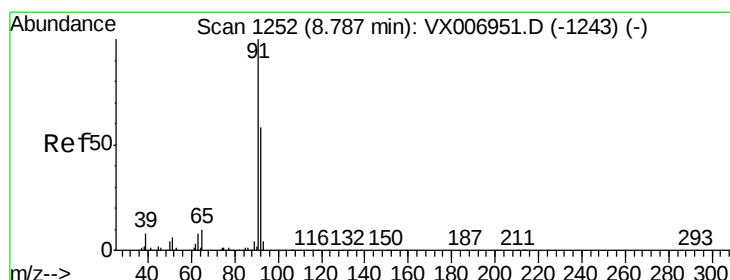
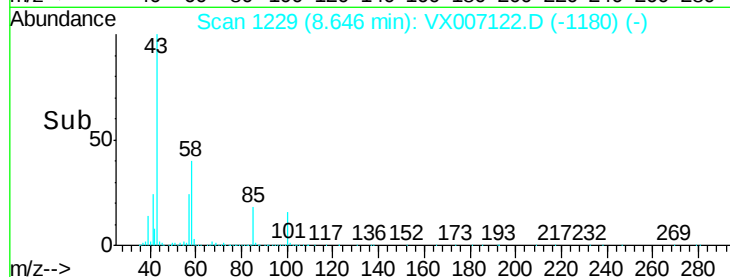
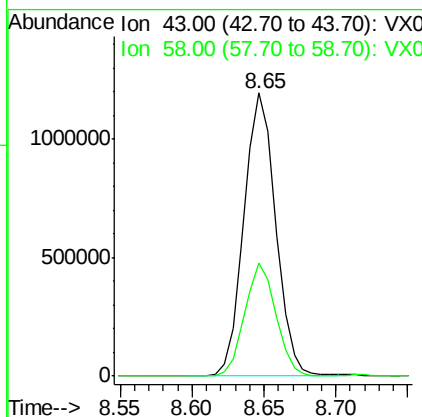
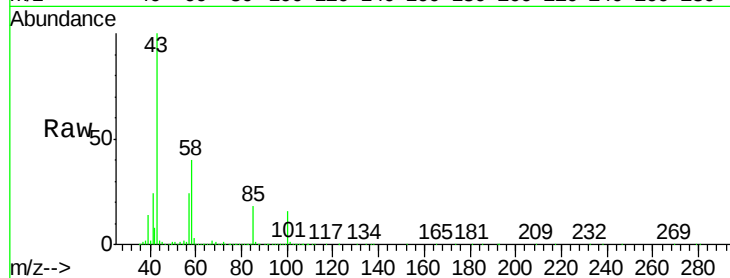
#51
 4-Methyl-2-Pentanone
 Concen: 256.394 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX007122.D
 Acq: 18 Jan 2019 06:55

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1822908
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.8 47.6

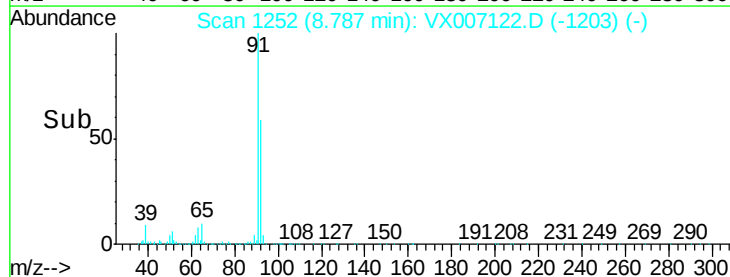
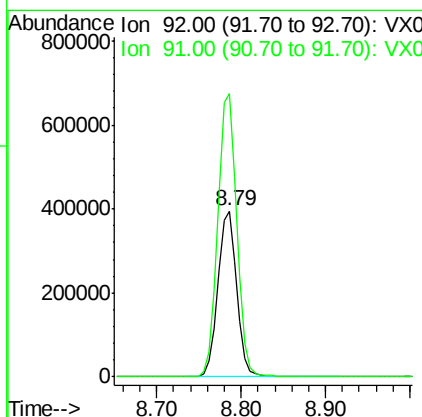
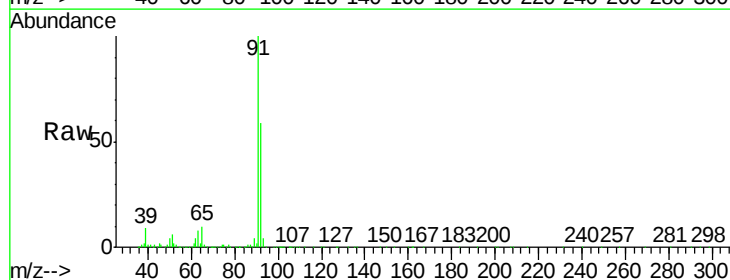
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#52
 Toluene
 Concen: 47.631 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX007122.D
 Acq: 18 Jan 2019 06:55

Tgt Ion: 92 Resp: 611105
 Ion Ratio Lower Upper
 92 100
 91 173.8 137.6 206.4





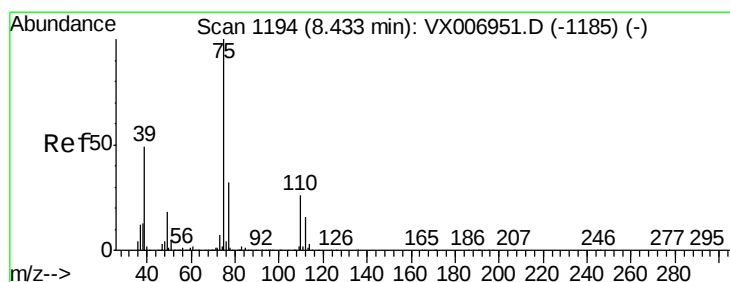
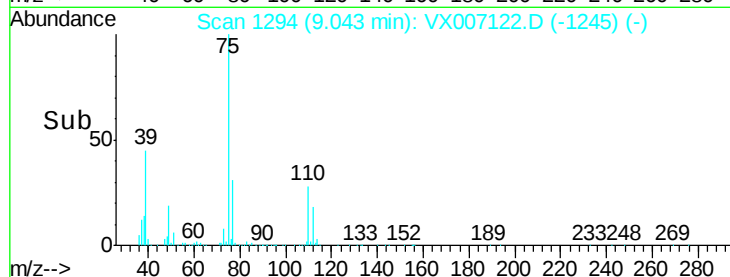
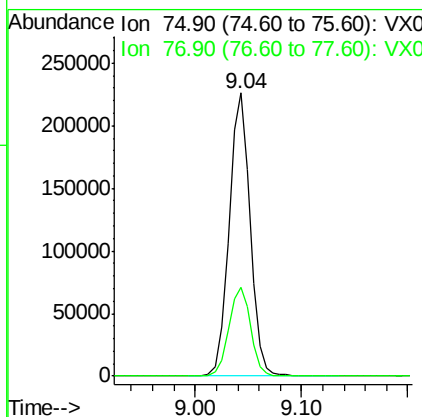
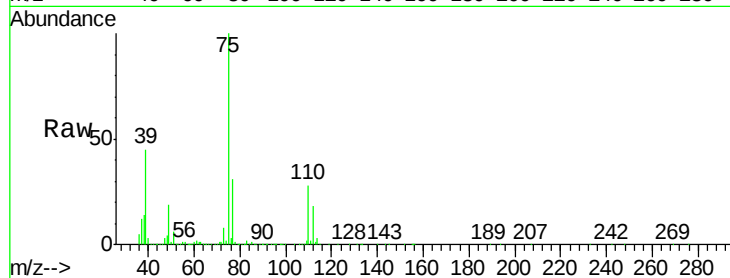
#53
t-1,3-Dichloropropene
Concen: 47.002 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.0

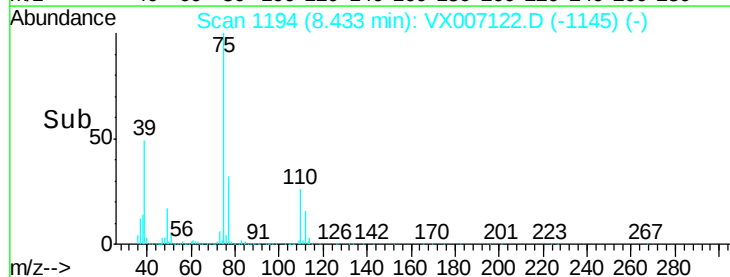
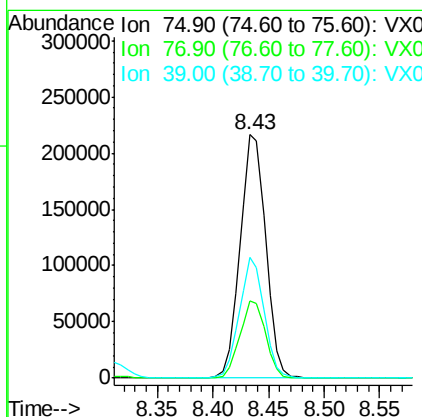
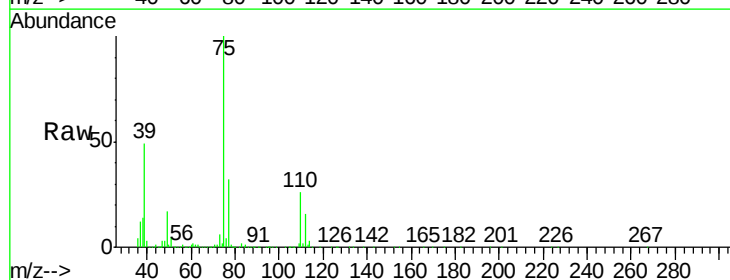
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 47.092 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.2	39.2
39	49.3	36.7	55.1





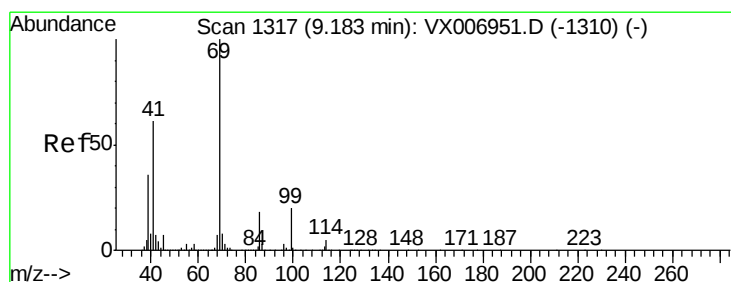
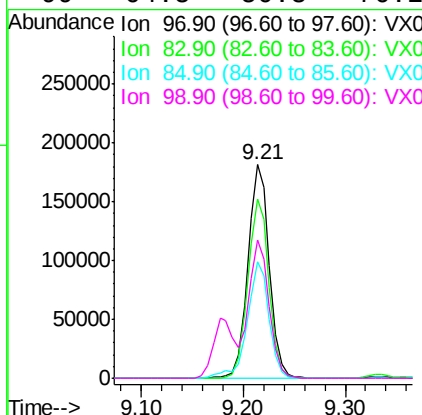
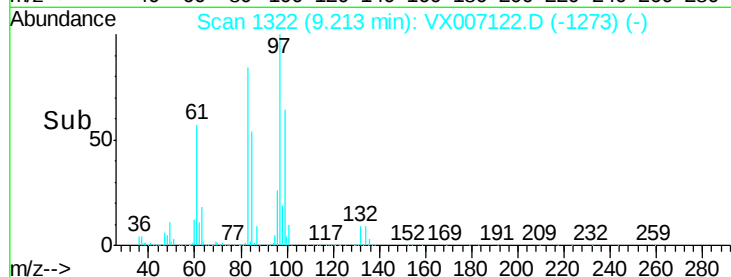
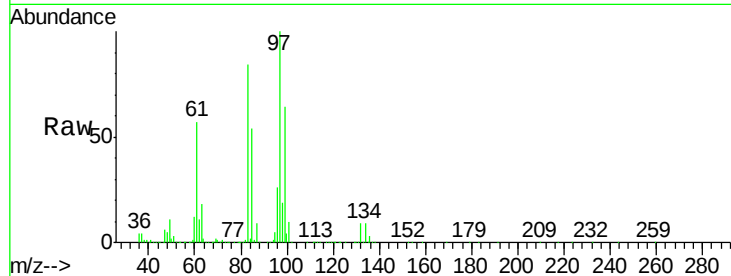
#55
 1,1,2-Trichloroethane
 Concen: 51.321 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007122.D
 Acq: 18 Jan 2019 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.5	66.6	99.8
85	54.4	42.7	64.1
99	64.5	50.8	76.2

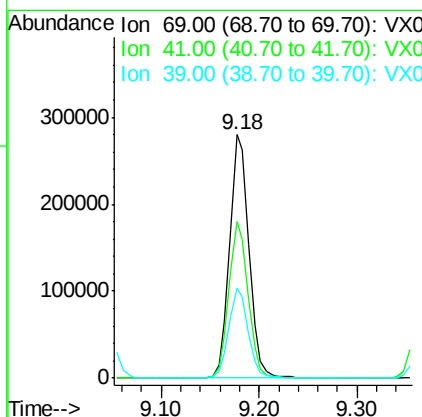
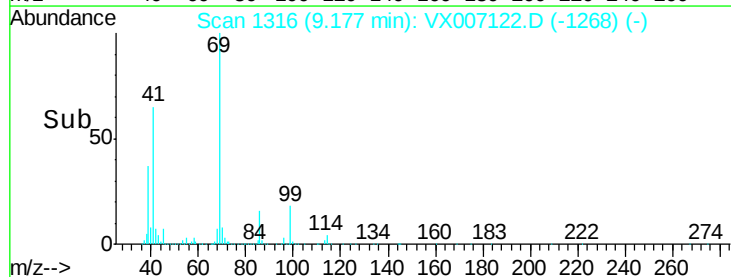
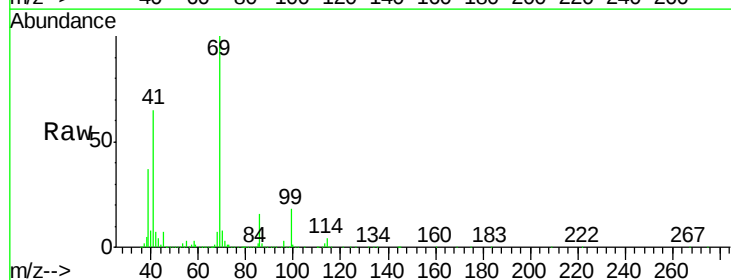
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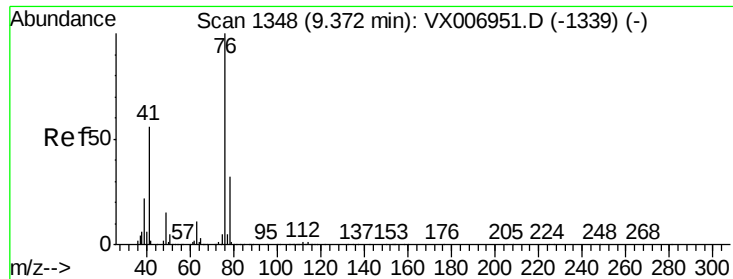
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#56
 Ethyl methacrylate
 Concen: 51.473 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX007122.D
 Acq: 18 Jan 2019 06:55

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.9	48.7	73.1
39	36.9	27.0	40.6





#57

1,3-Dichloropropane

Concen: 49.162 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 413612

Ion Ratio Lower Upper

76 100

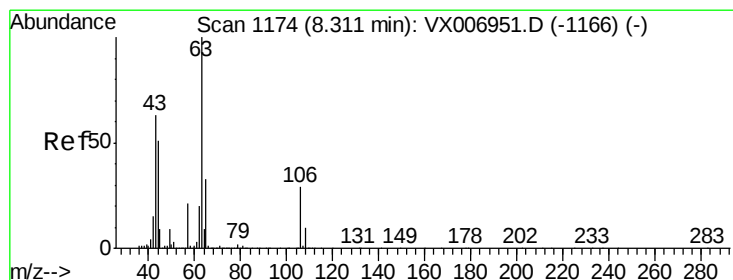
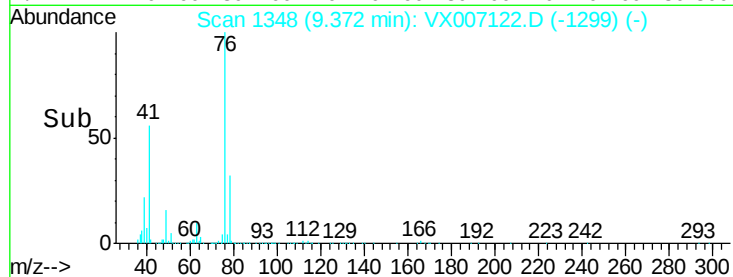
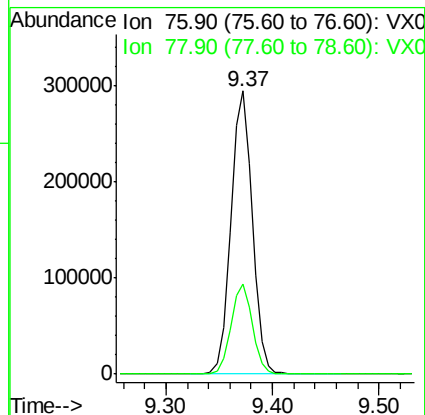
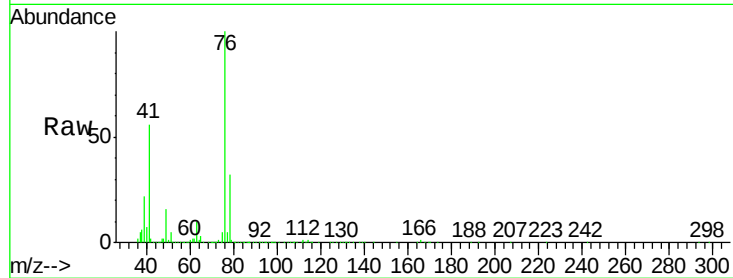
78 31.9 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 261.047 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007122.D

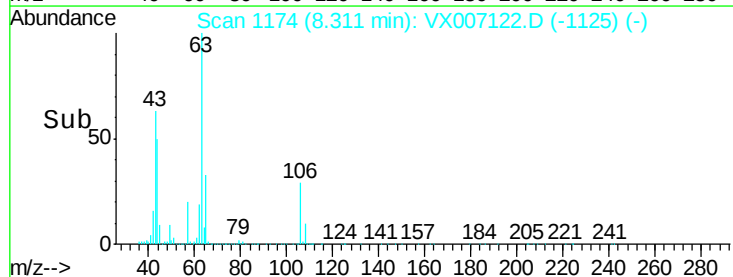
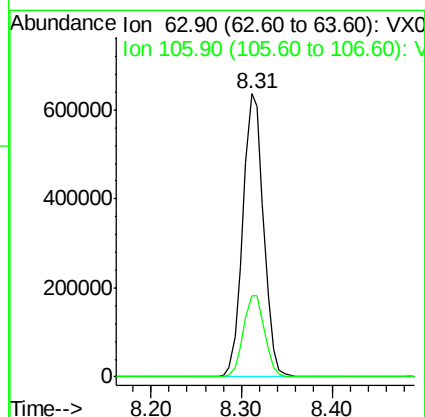
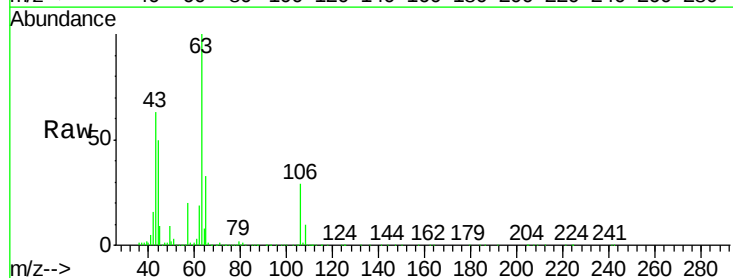
Acq: 18 Jan 2019 06:55

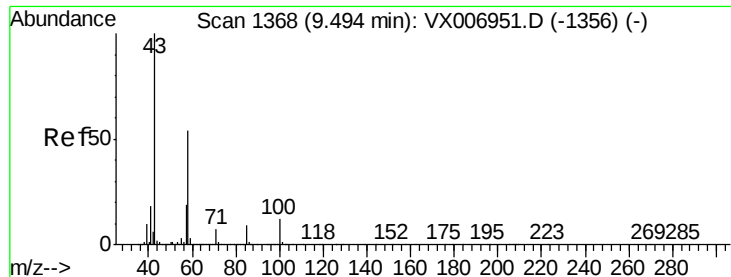
Tgt Ion: 63 Resp: 1006242

Ion Ratio Lower Upper

63 100

106 29.8 24.6 36.8





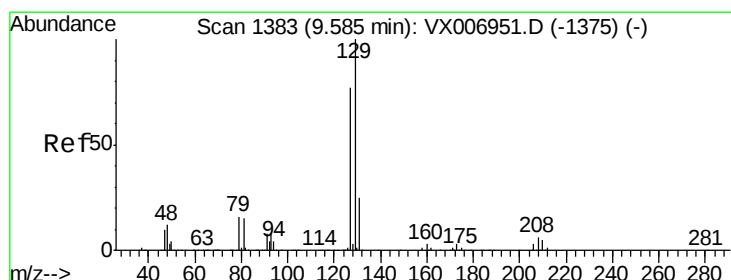
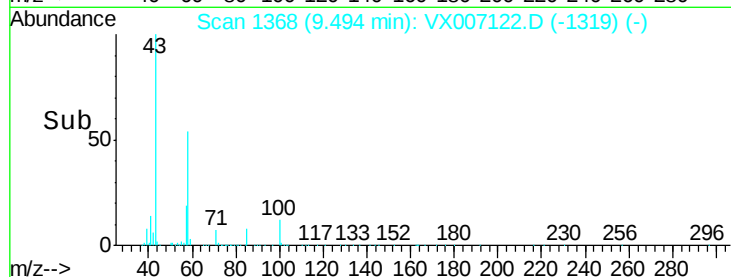
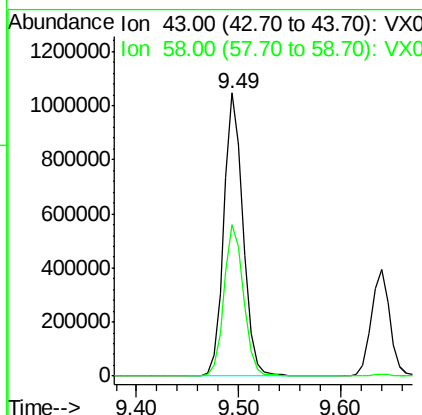
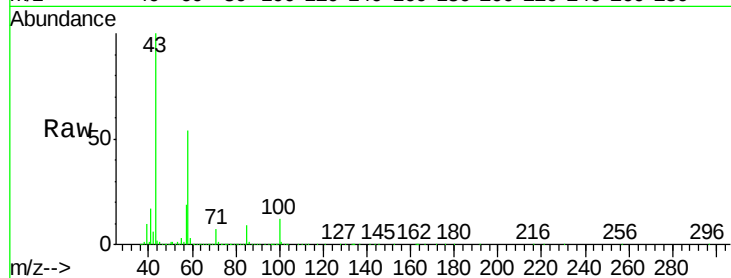
#59
2-Hexanone
Concen: 252.032 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1365525
Ion Ratio Lower Upper
43 100
58 54.4 27.7 83.1

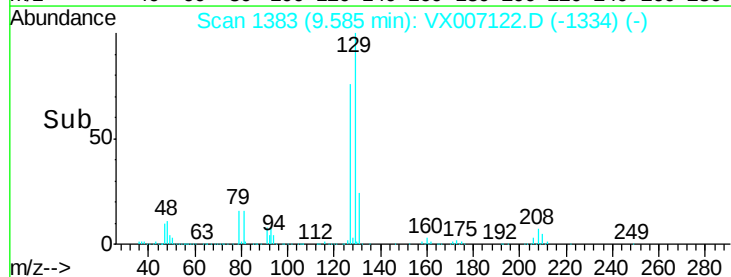
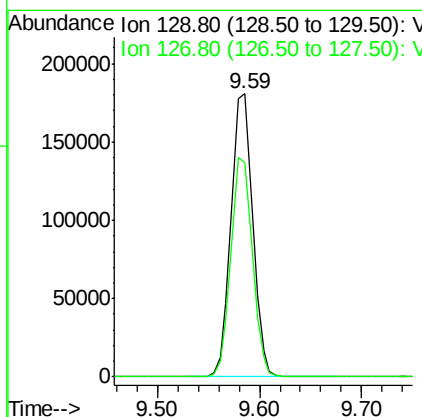
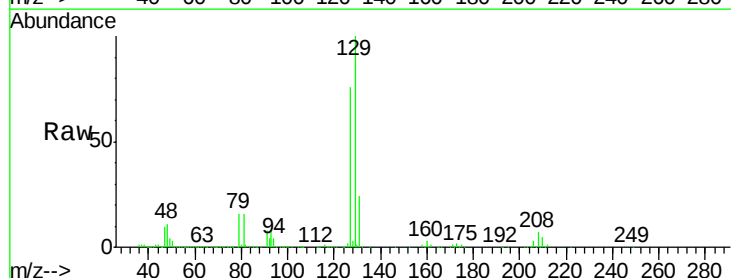
Manual Integrations
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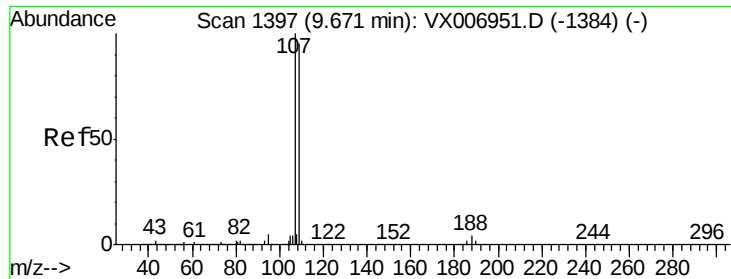
MMDadoda
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#60
Dibromochloromethane
Concen: 53.192 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion: 129 Resp: 265249
Ion Ratio Lower Upper
129 100
127 76.9 39.3 117.8





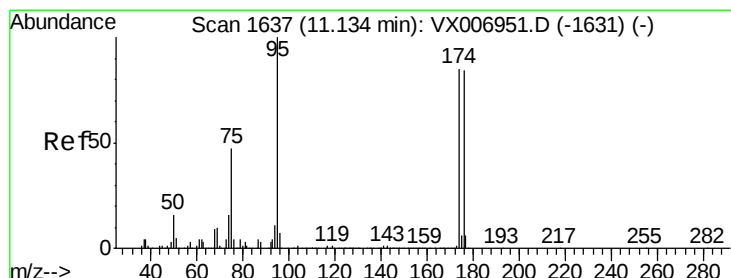
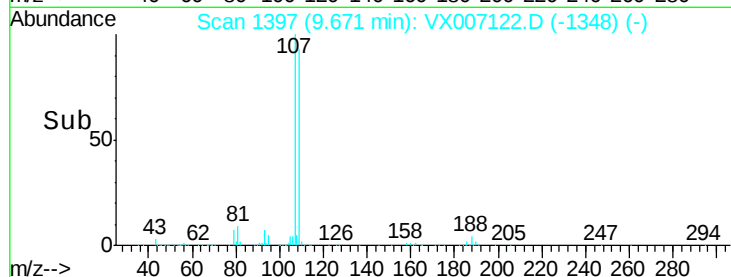
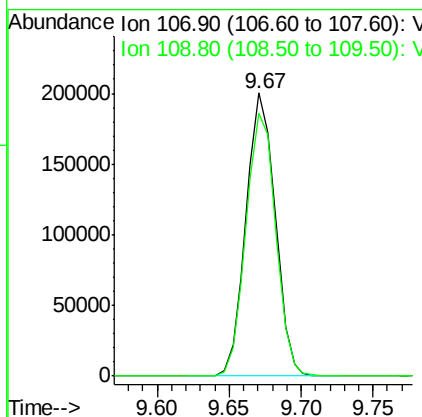
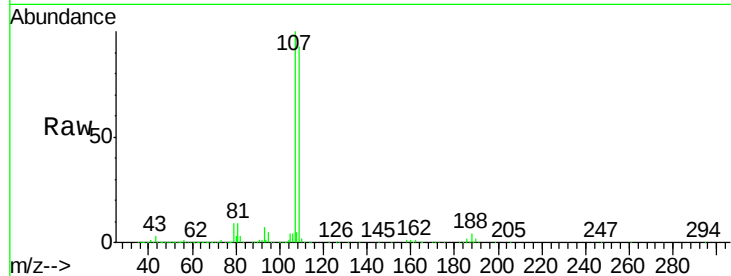
#61
 1,2-Dibromoethane
 Concen: 49.691 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX007122.D
 Acq: 18 Jan 2019 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.8	113.6

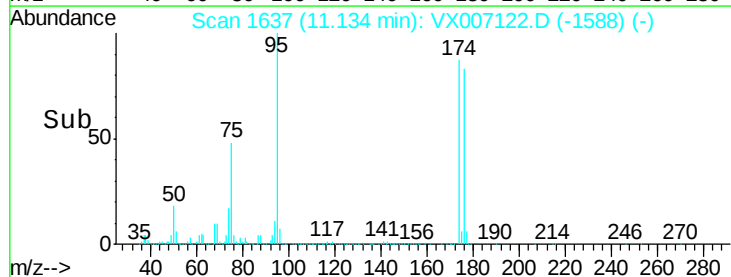
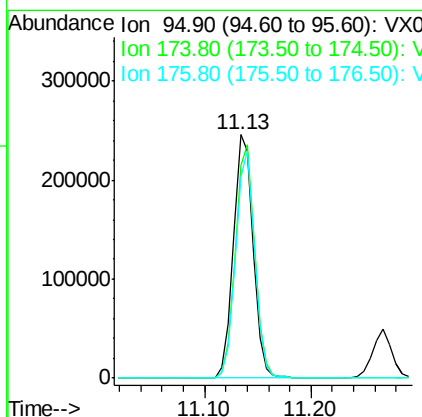
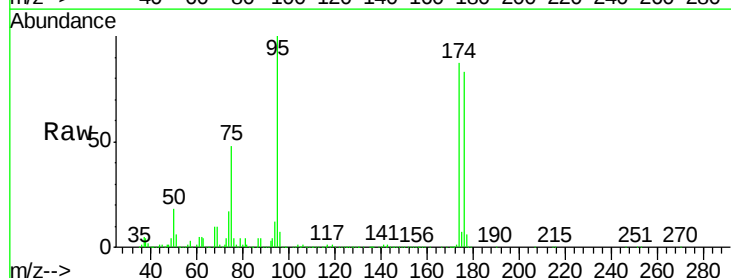
Manual Integrations
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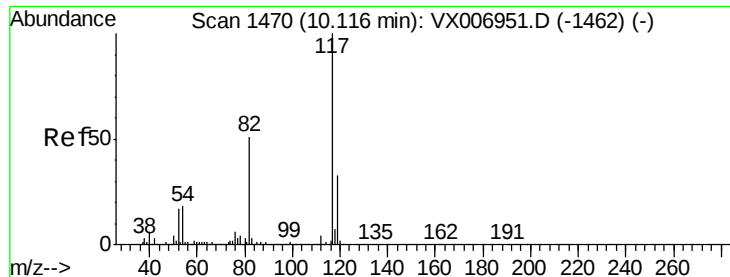
MMDadoda
 1/18/2019 10:22:30 AM



#62
 4-Bromofluorobenzene
 Concen: 52.338 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX007122.D
 Acq: 18 Jan 2019 06:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.5	0.0	182.2
176	90.4	0.0	178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

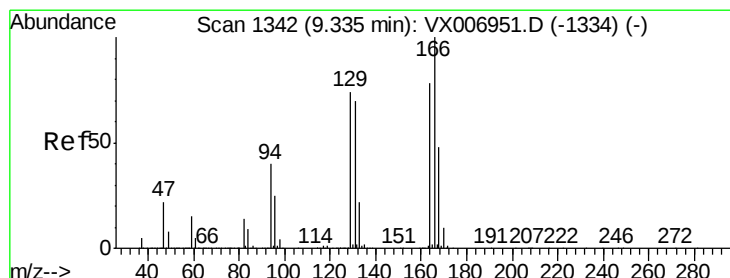
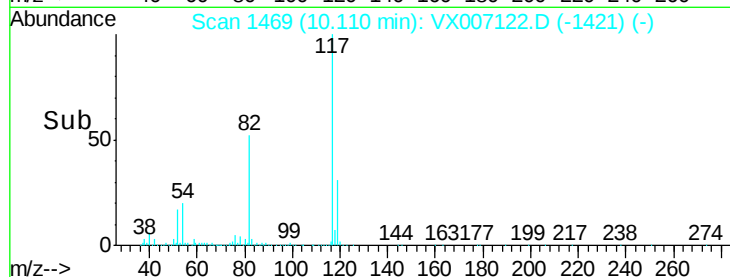
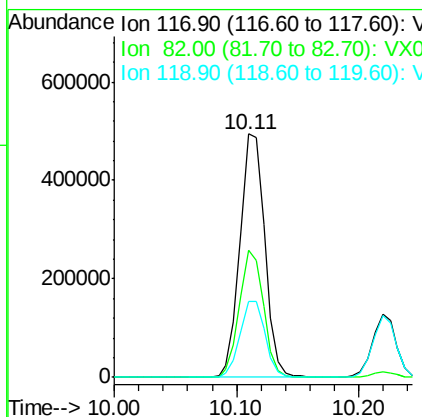
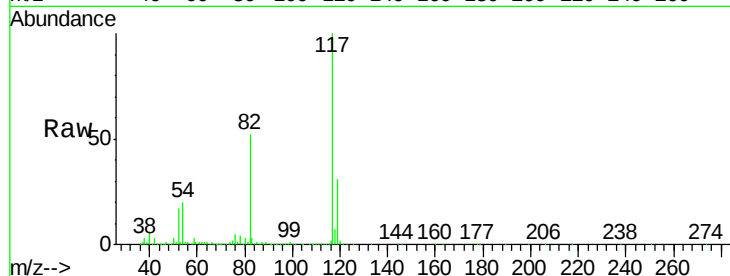
ClientSampleId :

VSTDCCC050EC

Tot Ion:	117	Resp:	698275
Ion Ratio	Lower	Upper	
117	100		
82	52.1	41.0	61.6
119	31.1	25.4	38.0

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#64

Tetrachloroethene

Concen: 45.032 ug/l

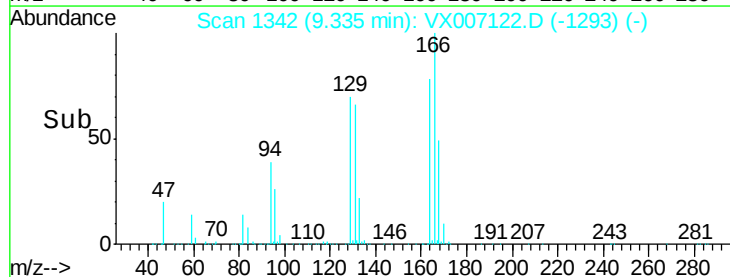
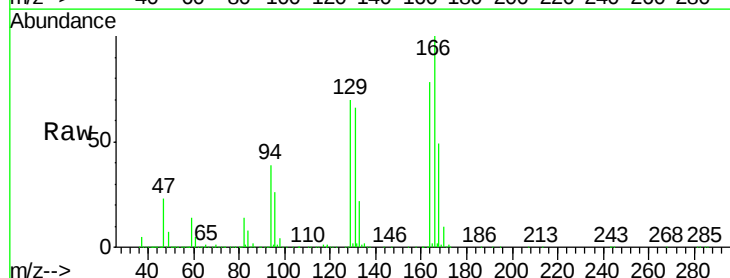
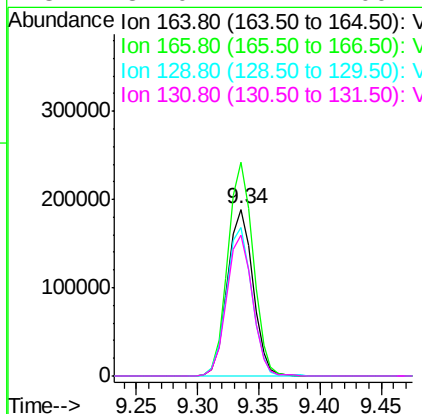
RT: 9.34 min Scan# 1342

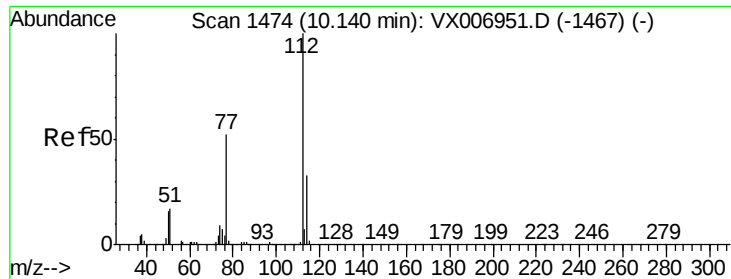
Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Tgt Ion:	164	Resp:	272239
Ion Ratio	Lower	Upper	
164	100		
166	127.8	102.5	153.7
129	88.9	75.1	112.7
131	84.0	72.7	109.1





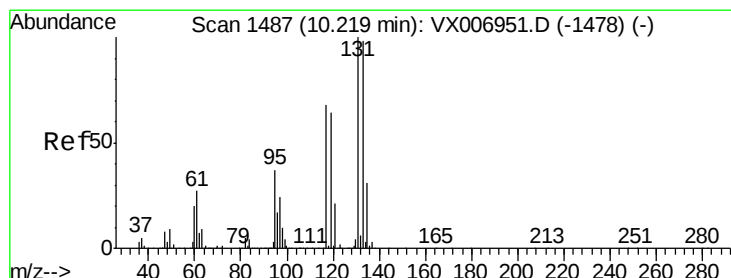
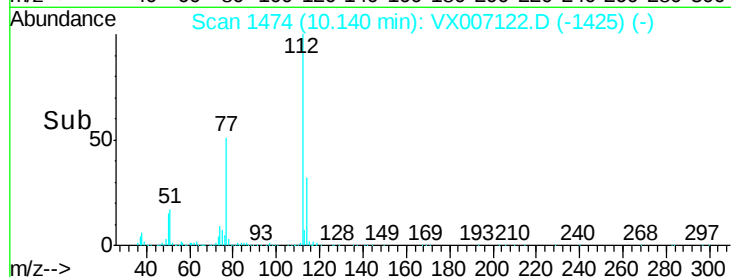
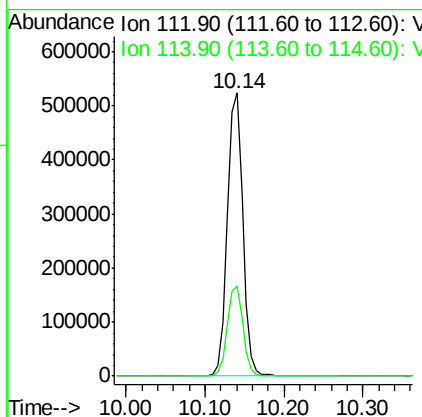
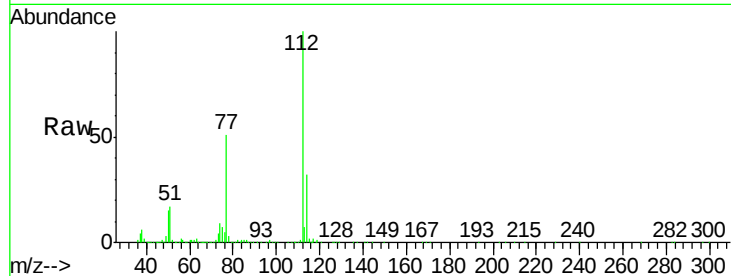
#65
Chlorobenzene
Concen: 46.745 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 711907
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

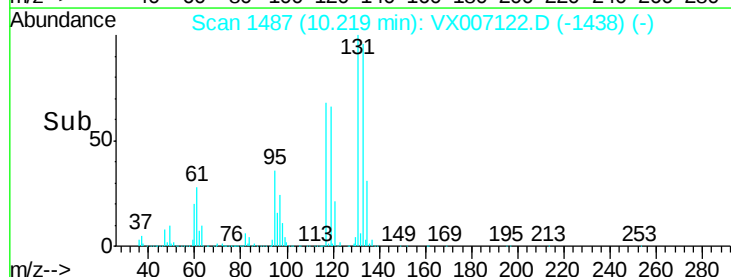
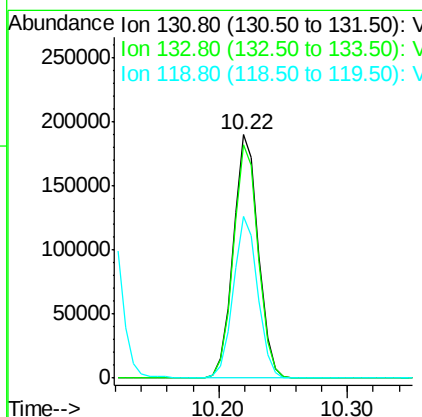
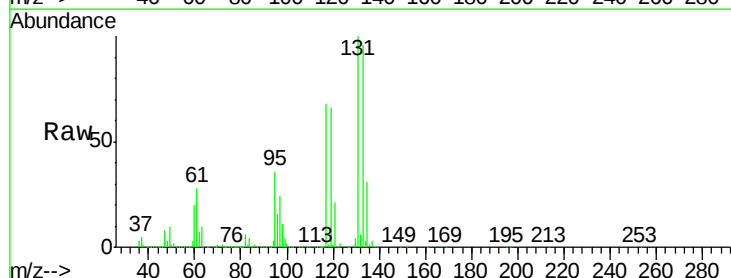
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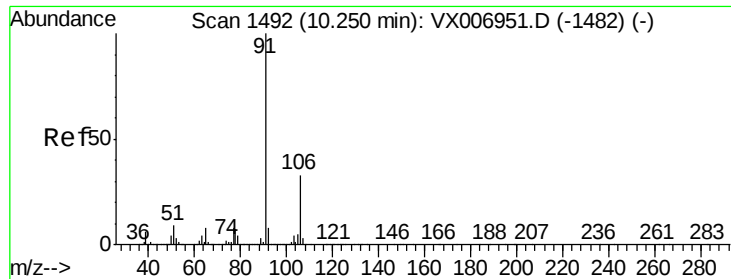
MMDadoda
1/18/2019 10:22:30 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.943 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion:131 Resp: 255871
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.2
119 65.4 32.6 97.8





#67

Ethyl Benzene

Concen: 46.403 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1166679

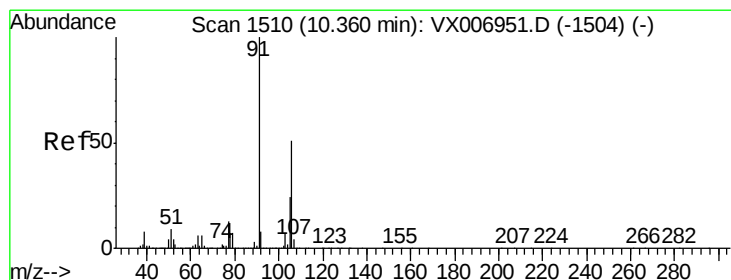
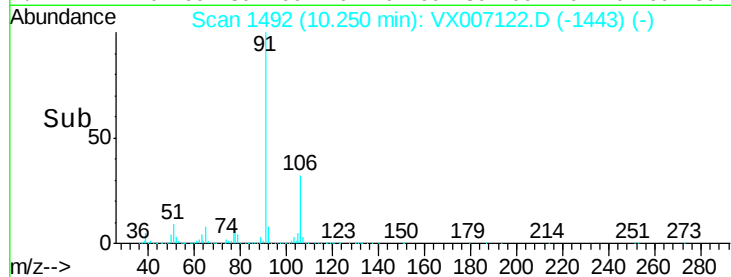
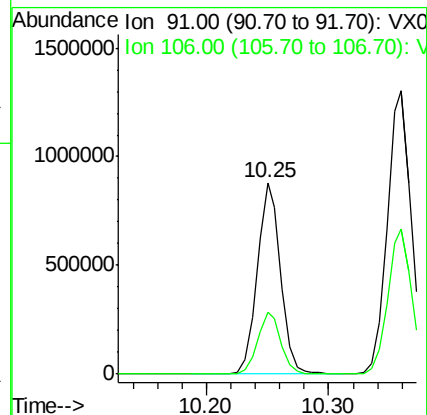
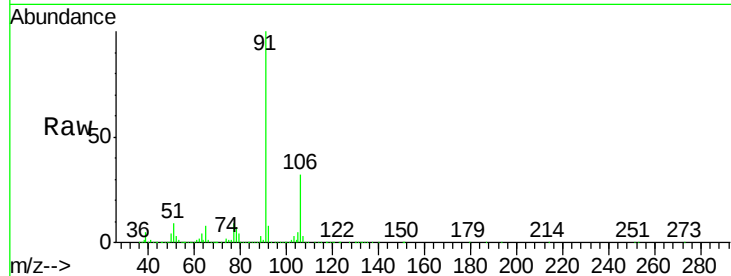
Ion Ratio Lower Upper

91 100

106 32.1 26.4 39.6

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#68

m/p-Xylenes

Concen: 92.105 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007122.D

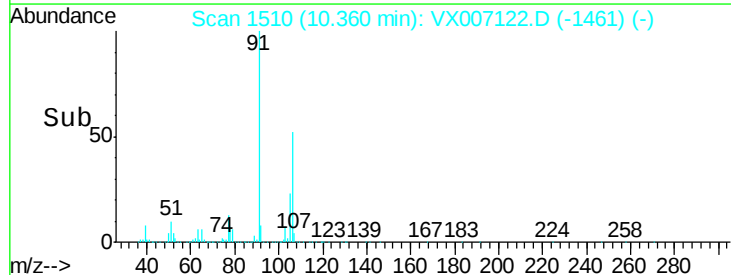
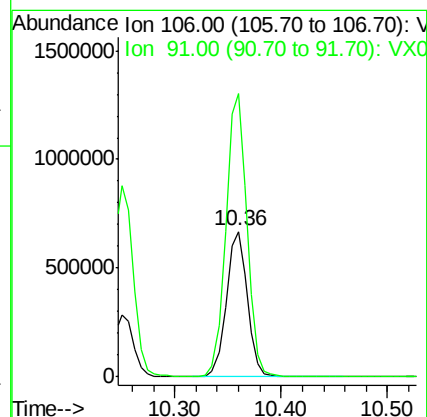
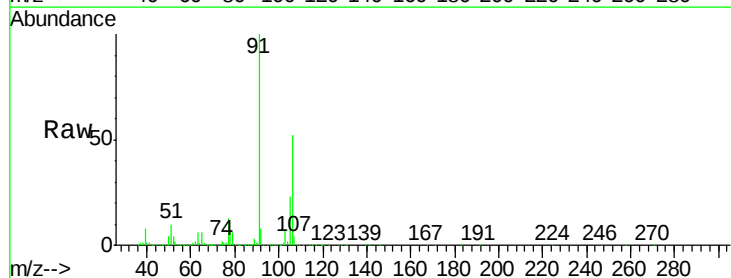
Acq: 18 Jan 2019 06:55

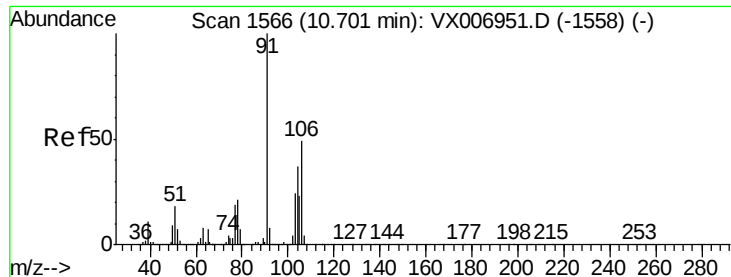
Tgt Ion: 106 Resp: 912364

Ion Ratio Lower Upper

106 100

91 197.0 155.8 233.6





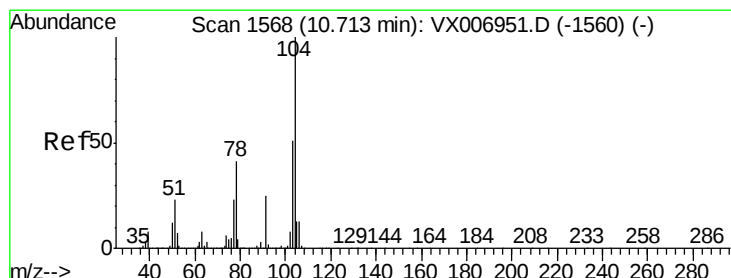
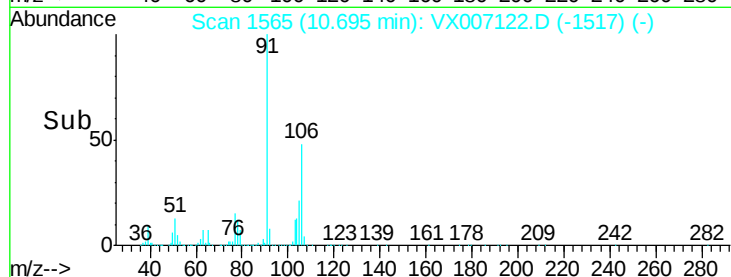
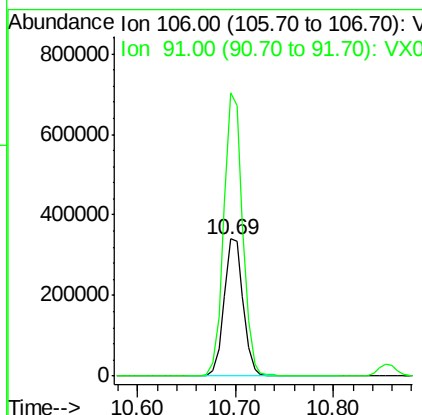
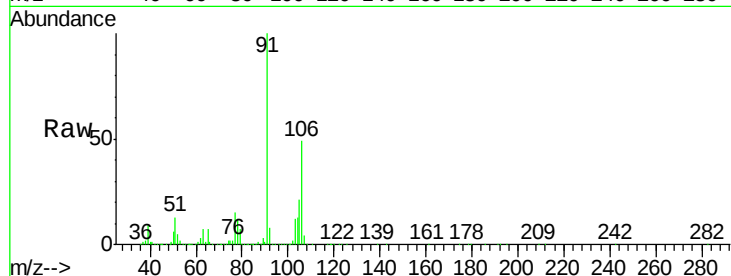
#69
o-Xylene
Concen: 47.505 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	204.0	101.3	303.7	

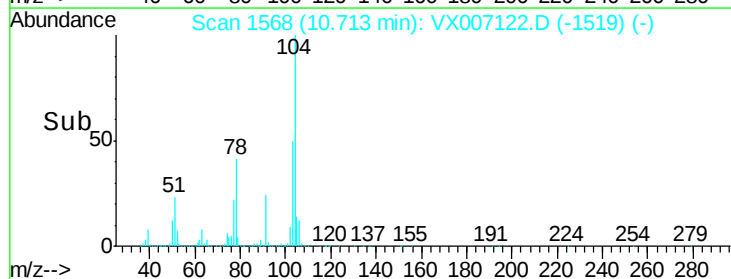
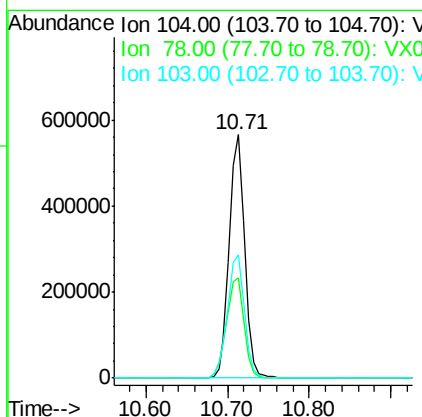
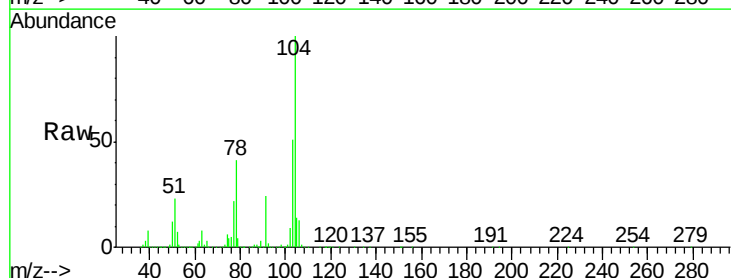
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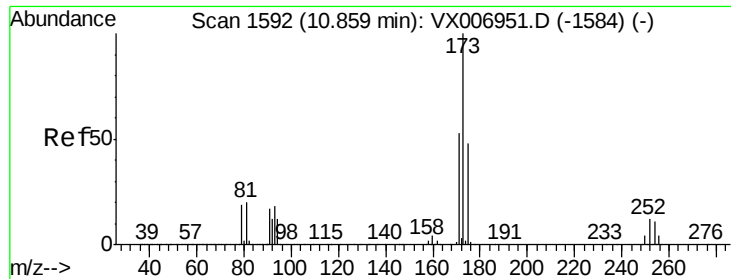
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#70
Styrene
Concen: 48.304 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.3	37.7	56.5	
103	55.6	43.8	65.8	





#71

Bromoform

Concen: 44.098 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 199307

Ion Ratio Lower Upper

173 100

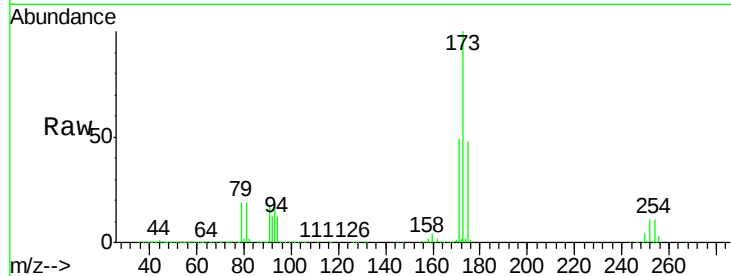
175 48.2 24.7 74.1

254 0.2 0.2 0.2

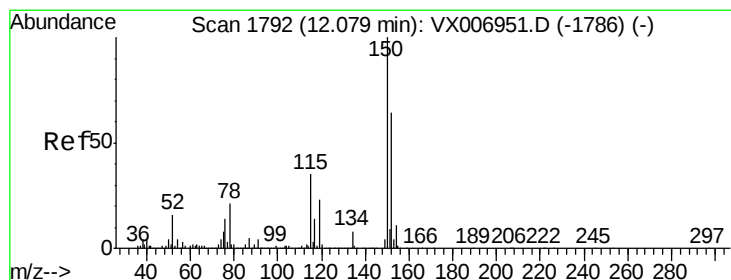
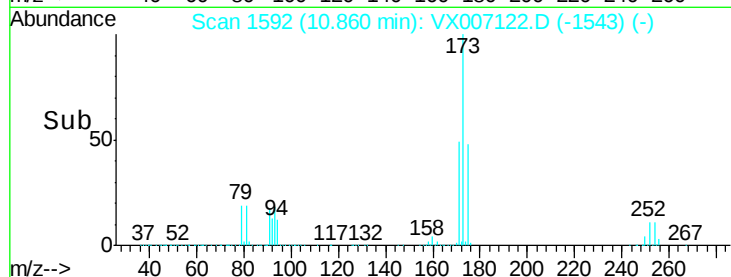
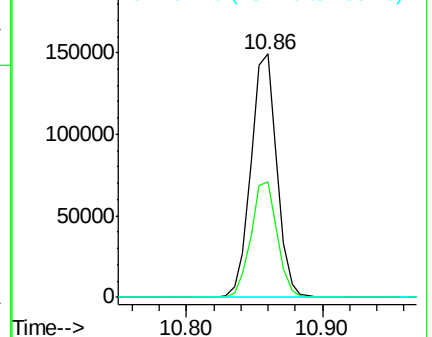
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

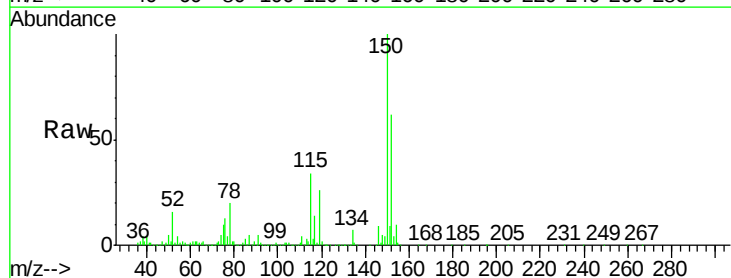
Tgt Ion:152 Resp: 358218

Ion Ratio Lower Upper

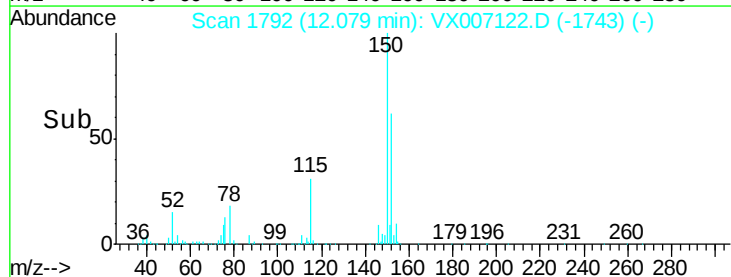
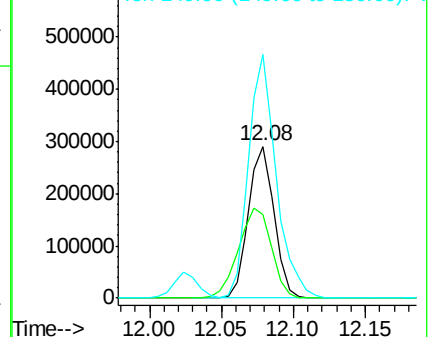
152 100

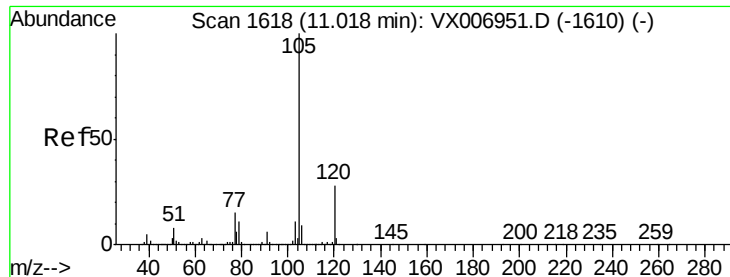
115 76.3 39.1 117.2

150 173.0 0.0 344.8



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





#73

Isopropylbenzene

Concen: 47.707 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1205053

Ion Ratio Lower Upper

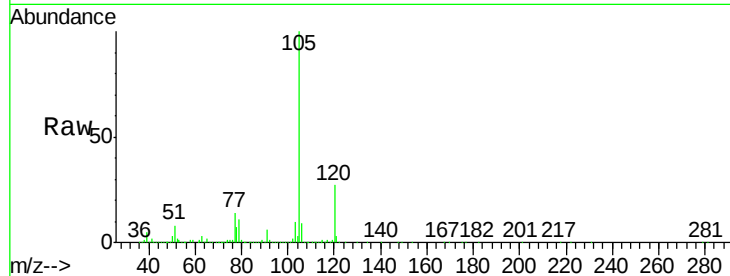
105 100

120 27.6 14.1 42.4

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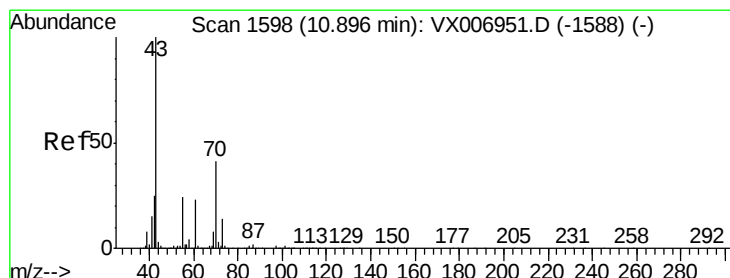
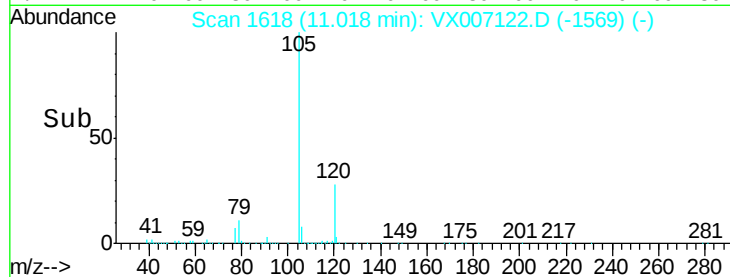
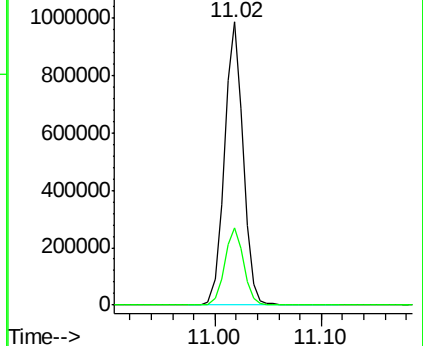
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.326 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Tgt Ion: 43 Resp: 491473

Ion Ratio Lower Upper

43 100

70 43.1 35.8 53.8

55 24.2 19.4 29.0

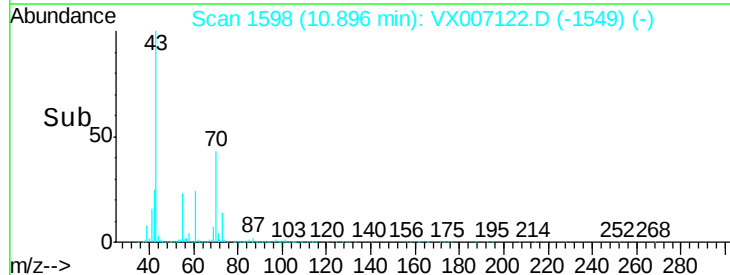
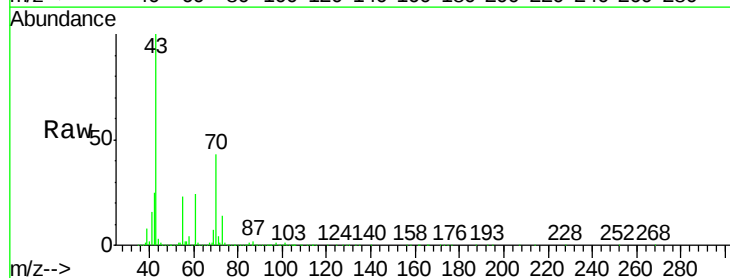
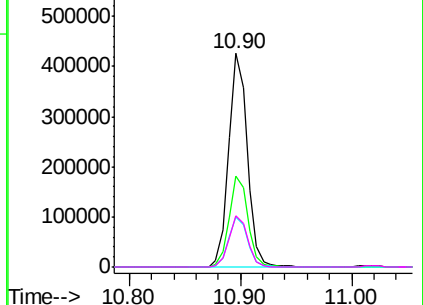
61 24.3 20.1 30.1

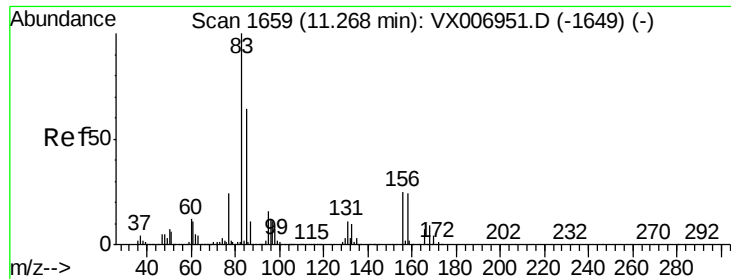
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.734 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 382780

Ion Ratio Lower Upper

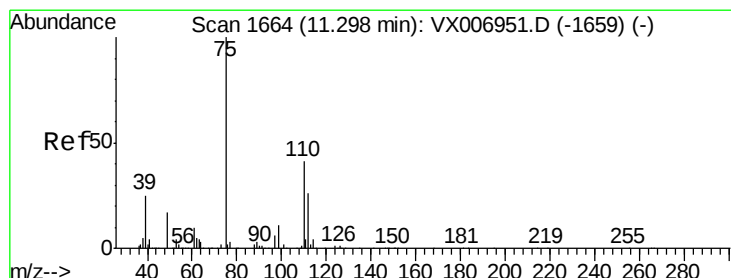
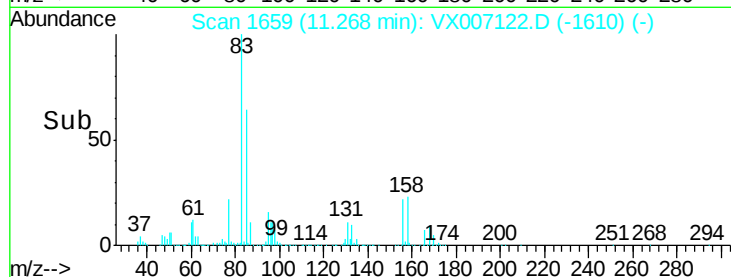
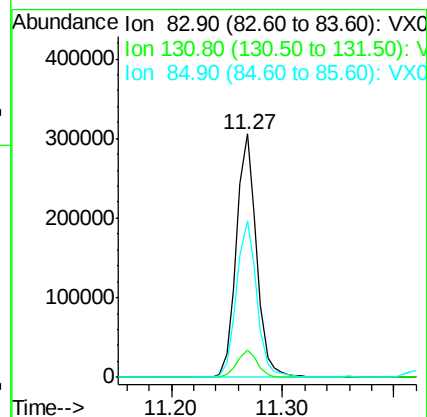
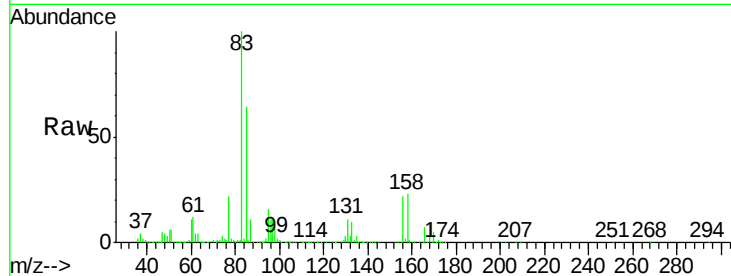
83 100

131 11.4 5.7 17.1

85 65.0 32.2 96.6

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#76

1,2,3-Trichloropropane

Concen: 49.150 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007122.D

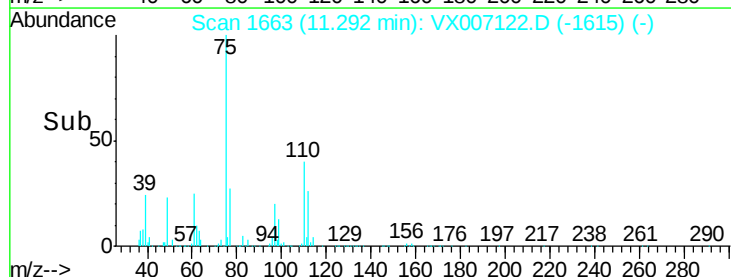
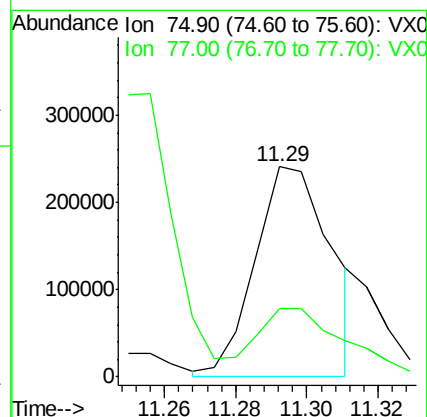
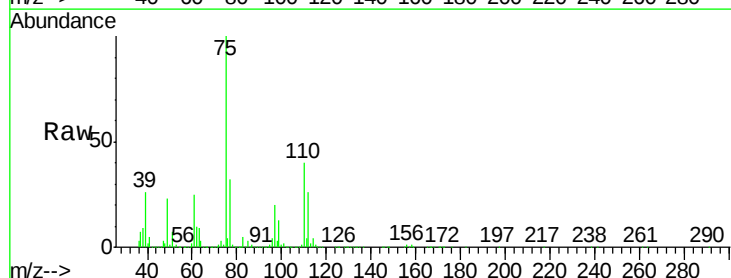
Acq: 18 Jan 2019 06:55

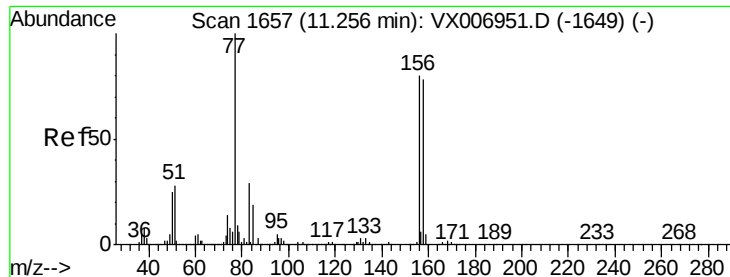
Tgt Ion: 75 Resp: 356786

Ion Ratio Lower Upper

75 100

77 38.9 18.5 55.5





#77

Bromobenzene

Concen: 47.122 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 327967

Ion Ratio Lower Upper

156 100

77 133.0 68.0 204.0

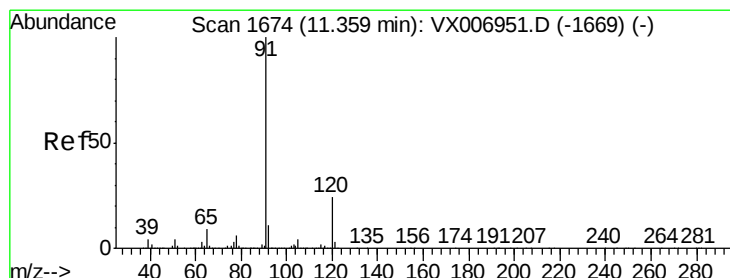
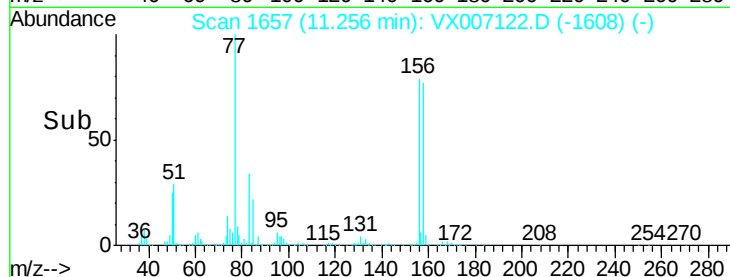
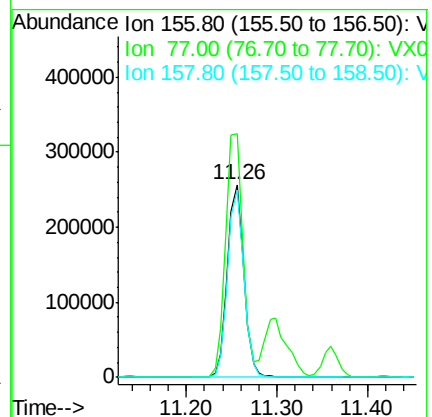
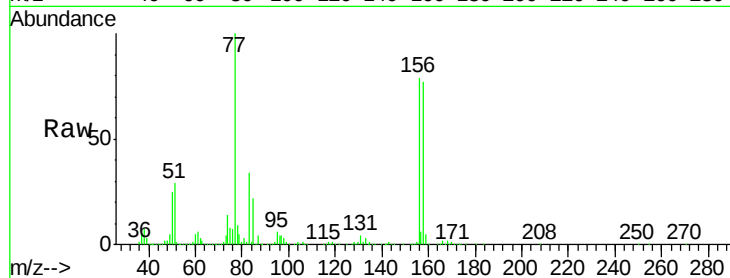
158 96.5 48.3 144.8

Manual Integrations

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#78

n-propylbenzene

Concen: 47.440 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007122.D

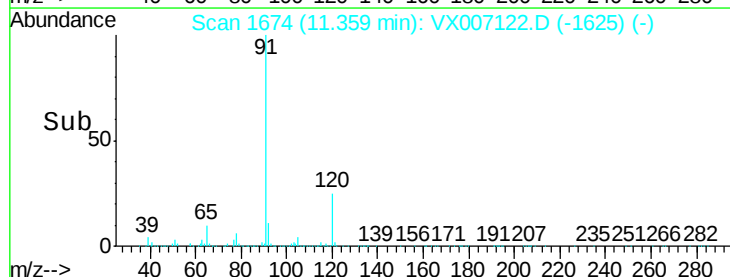
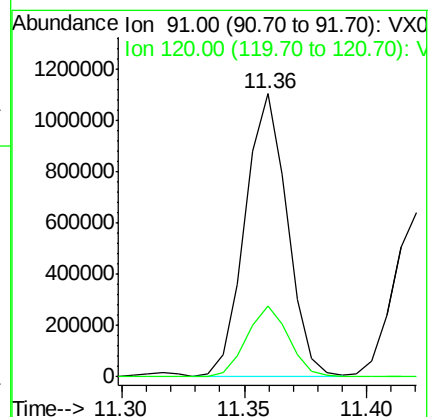
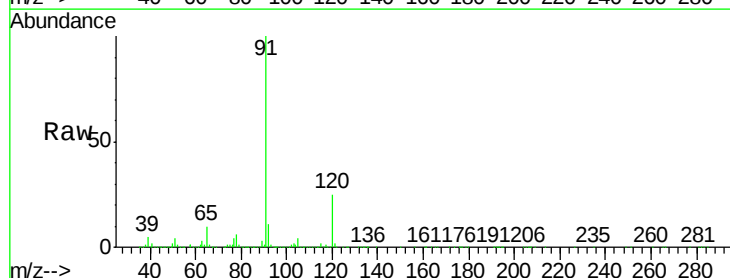
Acq: 18 Jan 2019 06:55

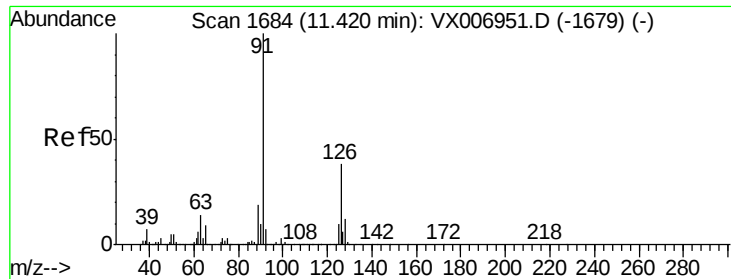
Tgt Ion: 91 Resp: 1315474

Ion Ratio Lower Upper

91 100

120 25.1 12.7 38.0





#79

2-Chlorotoluene

Concen: 46.940 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 783523

Ion Ratio Lower Upper

91 100

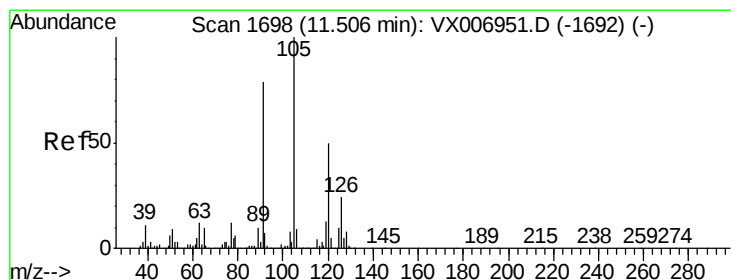
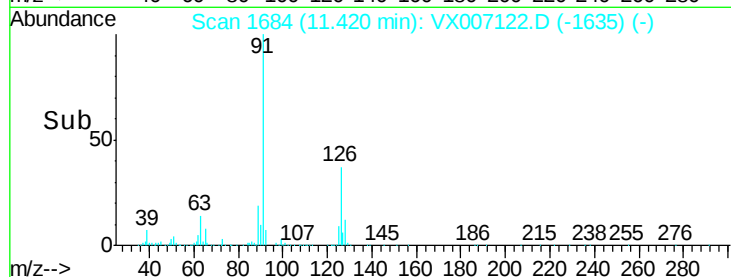
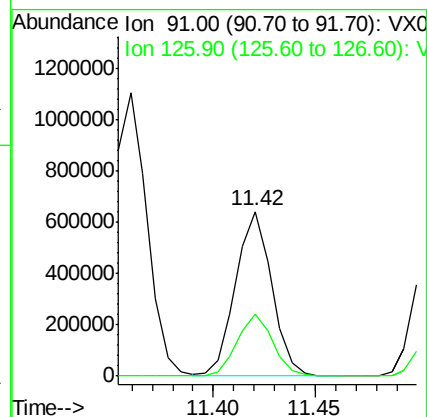
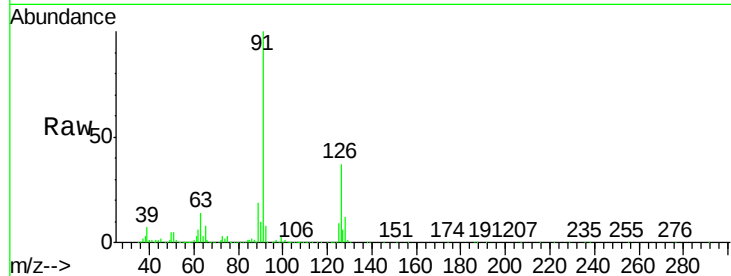
126 37.5 18.6 56.0

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#80

1,3,5-Trimethylbenzene

Concen: 47.204 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007122.D

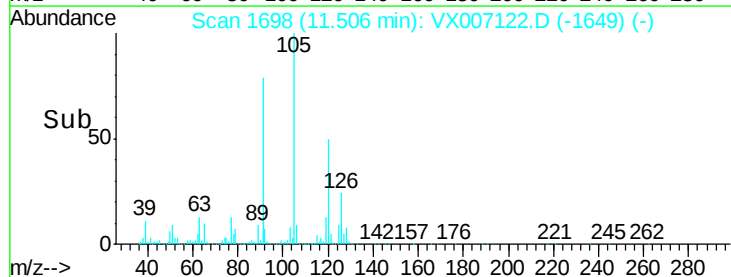
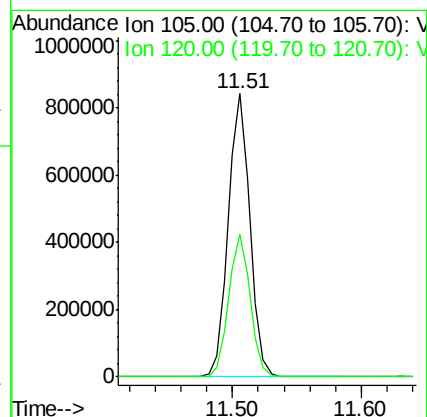
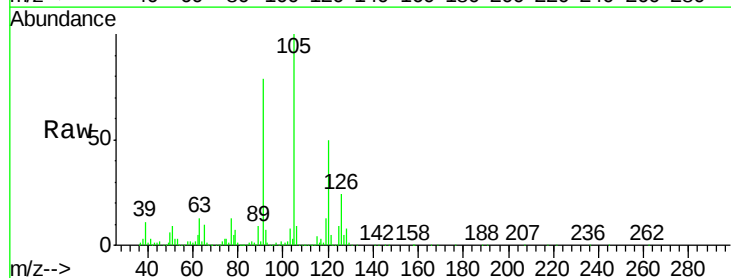
Acq: 18 Jan 2019 06:55

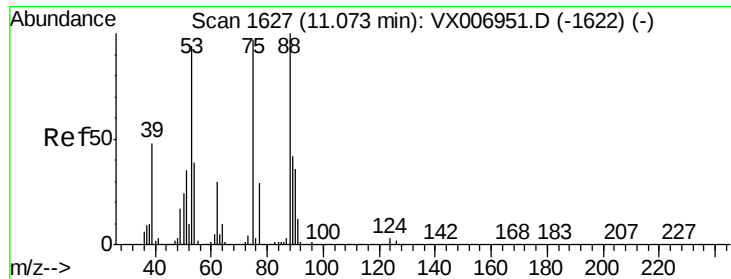
Tgt Ion: 105 Resp: 996302

Ion Ratio Lower Upper

105 100

120 50.2 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 38.413 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

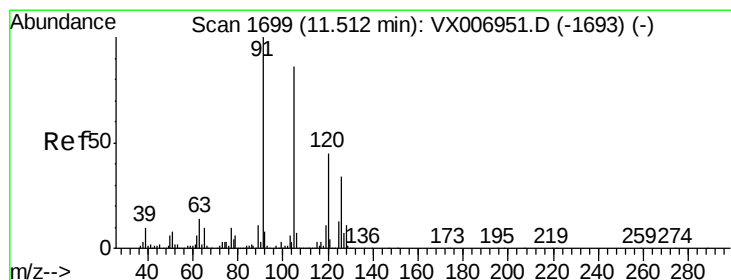
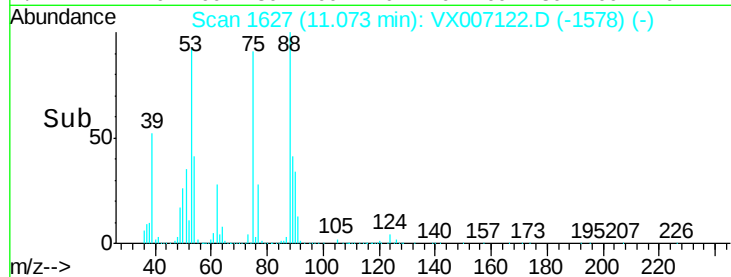
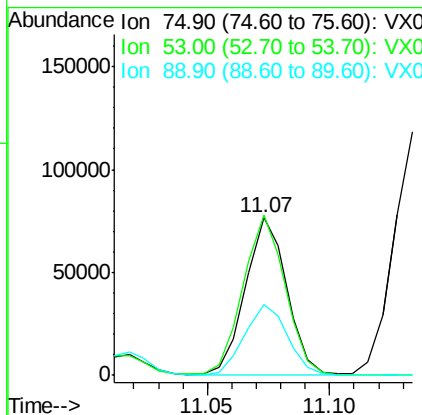
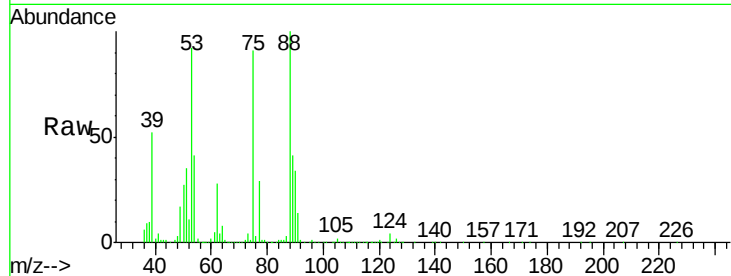
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	90118
Ion	Ratio	Lower	Upper
75	100		
53	103.9	79.7	119.5
89	47.8	38.0	57.0

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#82

4-Chlorotoluene

Concen: 46.942 ug/l

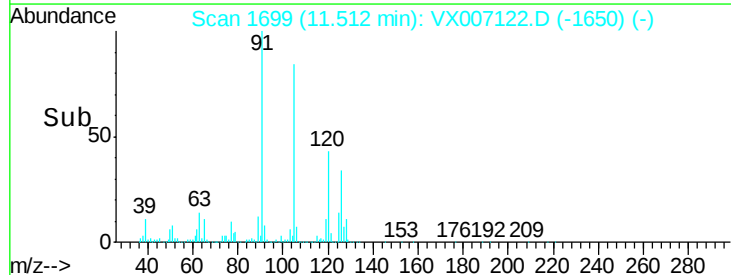
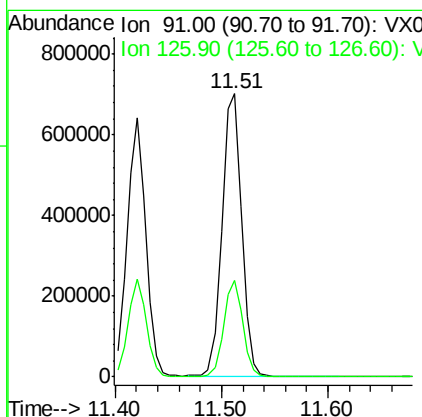
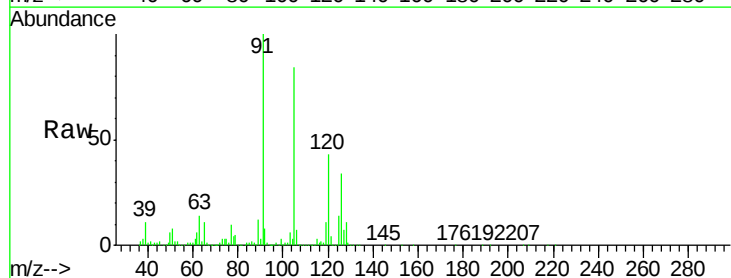
RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Tgt Ion:	91	Resp:	907228
Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.3	48.9





#83

tert-Butylbenzene

Concen: 47.685 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:119 Resp: 1004158

Ion Ratio Lower Upper

119 100

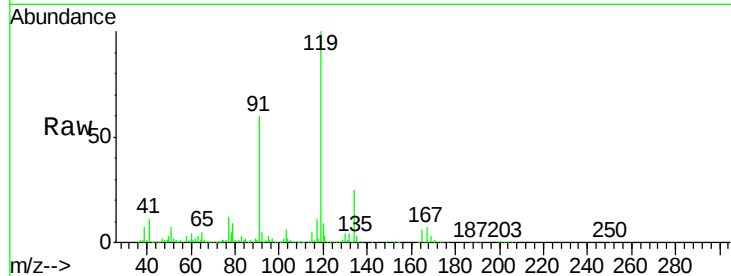
91 55.0 27.7 83.1

134 23.7 11.9 35.5

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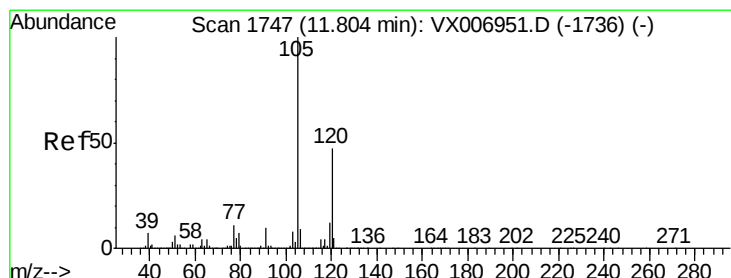
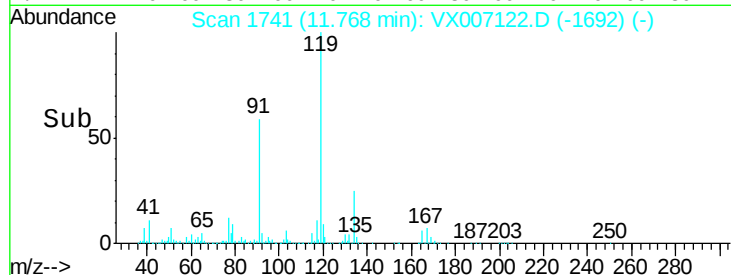
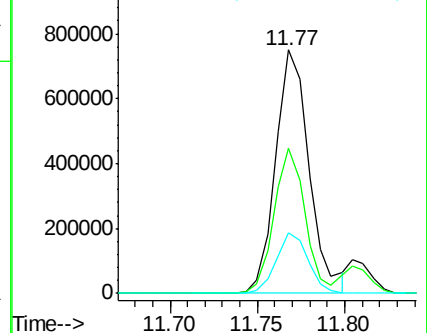
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 47.618 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007122.D

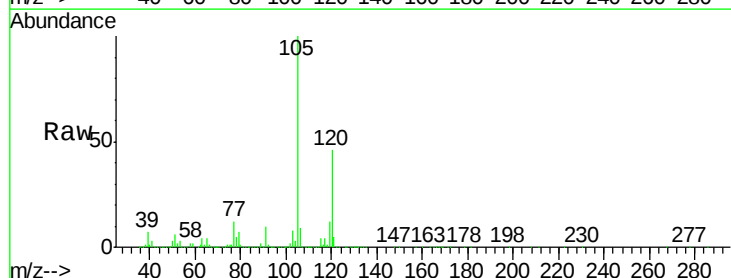
Acq: 18 Jan 2019 06:55

Tgt Ion:105 Resp: 1010655

Ion Ratio Lower Upper

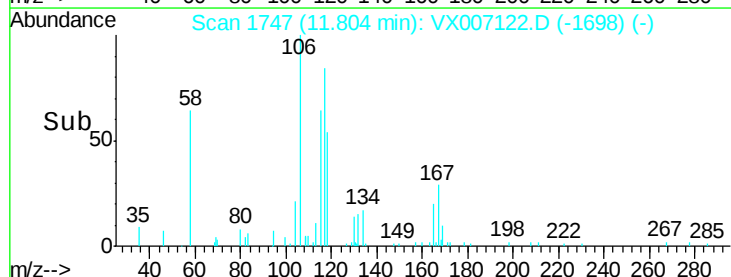
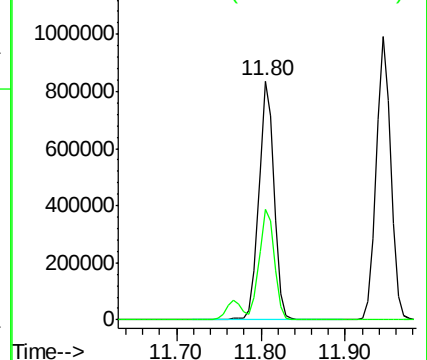
105 100

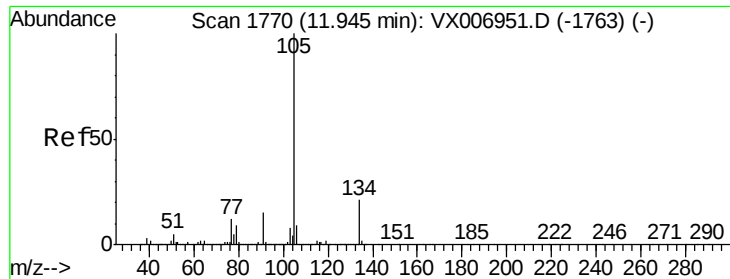
120 46.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.557 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1196012

Ion Ratio Lower Upper

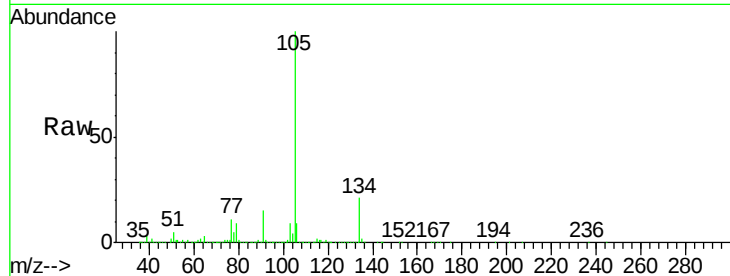
105 100

134 21.6 10.7 31.9

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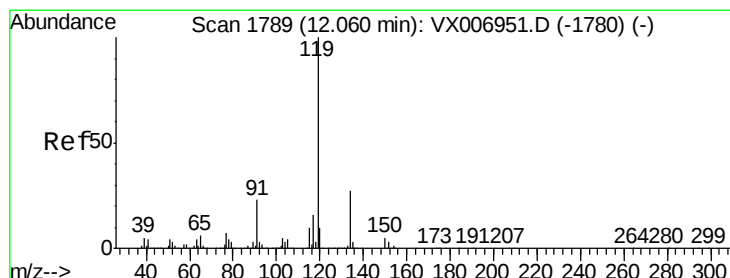
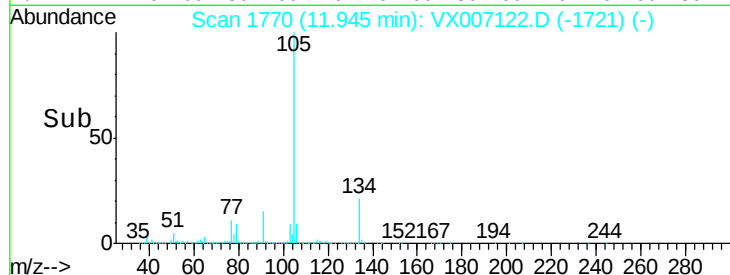
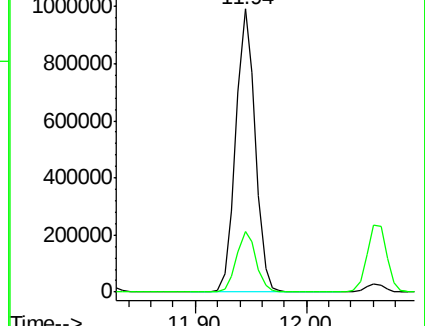
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.686 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

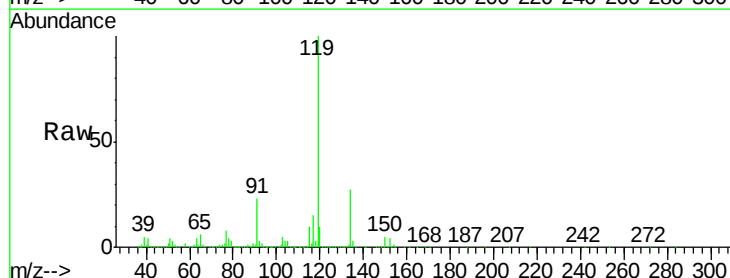
Tgt Ion:119 Resp: 1072716

Ion Ratio Lower Upper

119 100

134 27.3 14.0 41.9

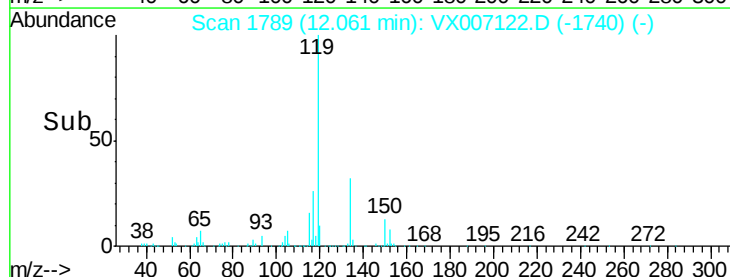
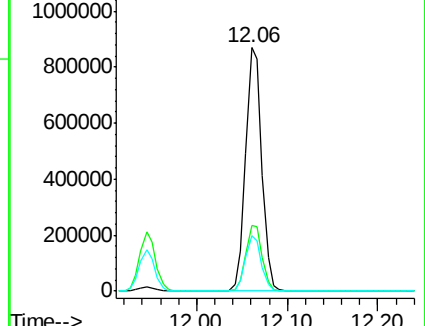
91 22.3 11.3 33.9

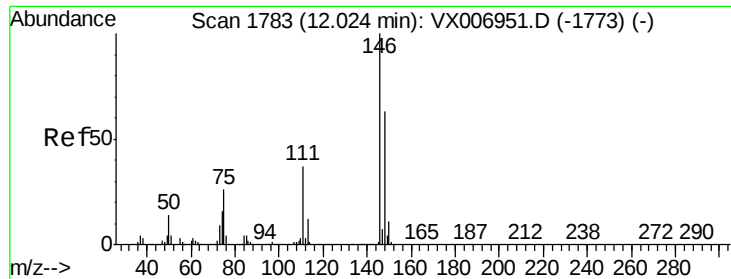


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





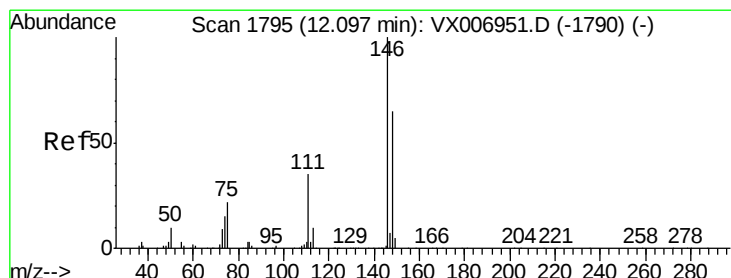
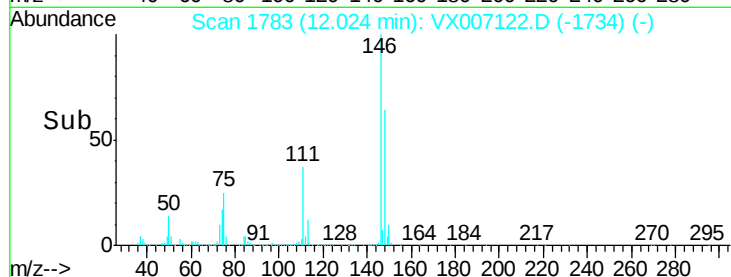
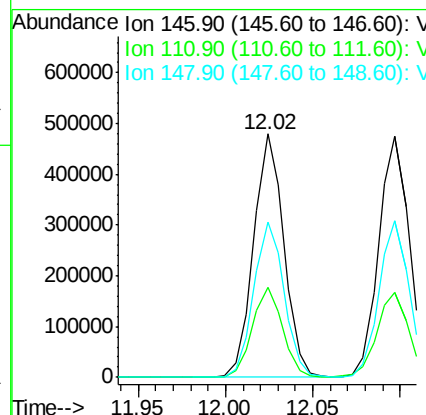
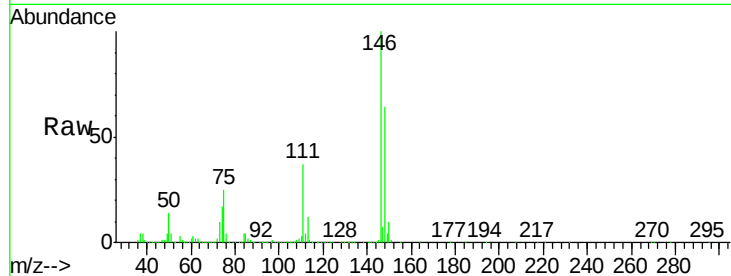
#87
 1,3-Dichlorobenzene
 Concen: 45.832 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007122.D
 Acq: 18 Jan 2019 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	55.8
148	64.2	31.8	95.3

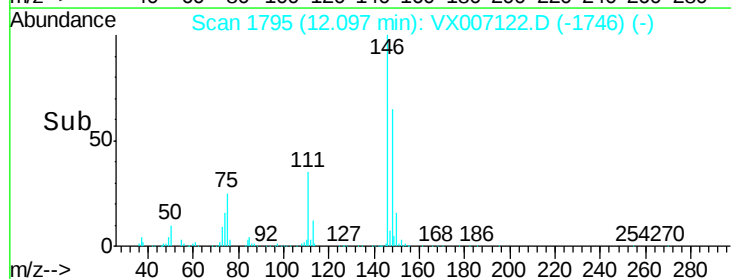
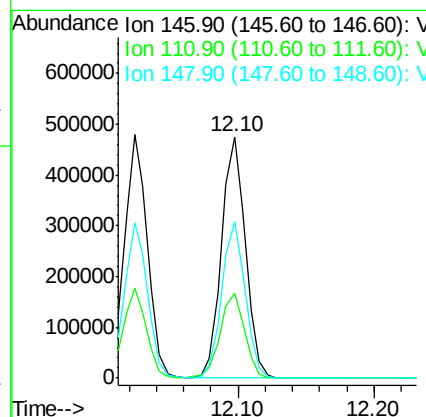
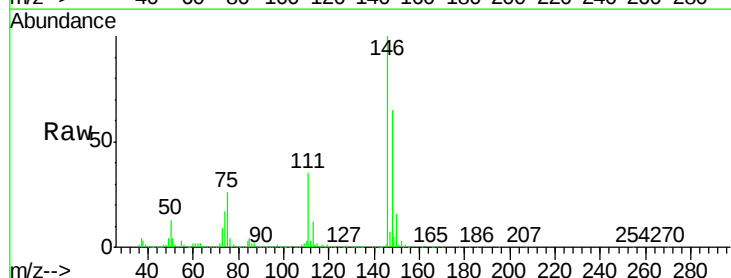
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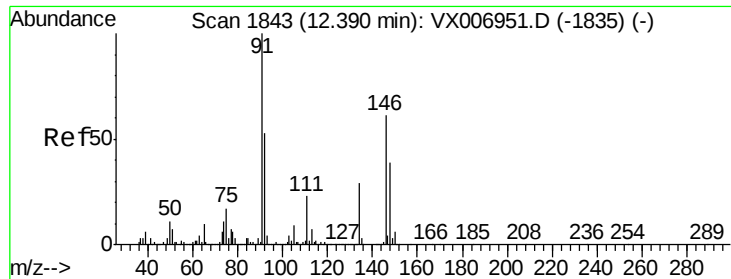
MMDadoda
 1/18/2019 10:22:30 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.507 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007122.D
 Acq: 18 Jan 2019 06:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.1	54.1
148	64.1	31.9	95.9





#89

n-Butylbenzene

Concen: 47.016 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

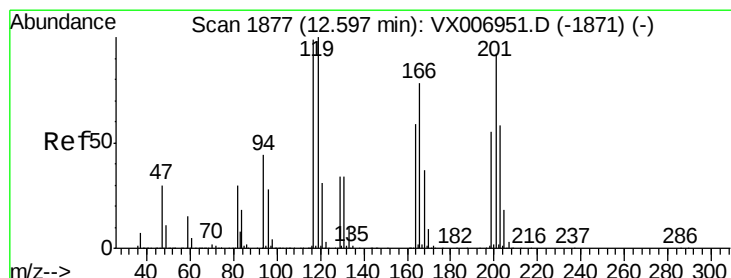
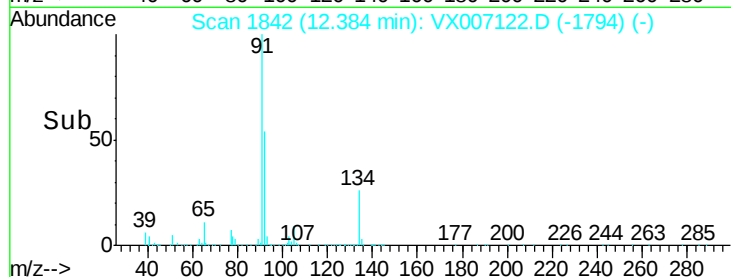
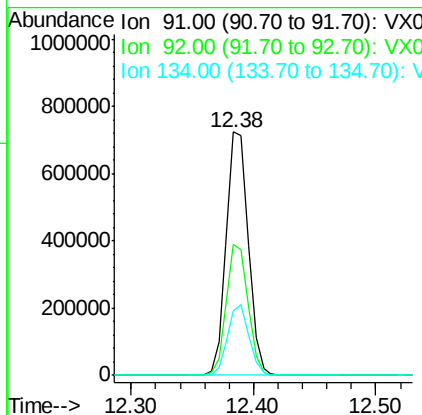
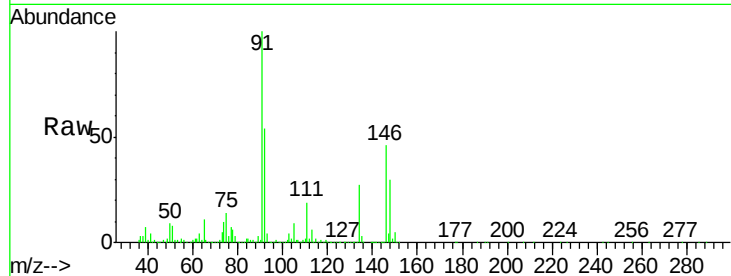
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	901587
Ion Ratio		Lower	Upper
91	100		
92	52.8	26.8	80.4
134	28.0	14.4	43.2

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#90

Hexachloroethane

Concen: 46.741 ug/l

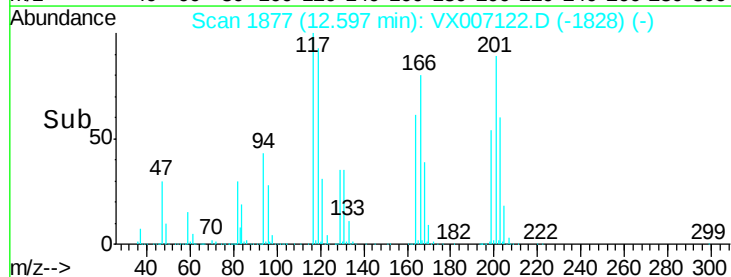
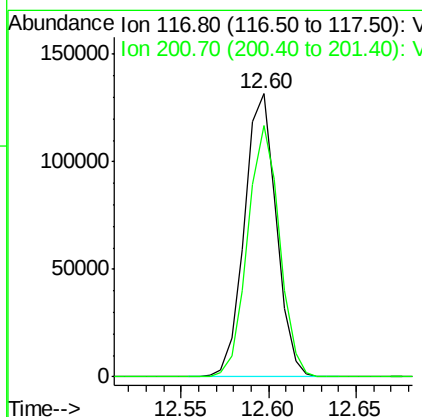
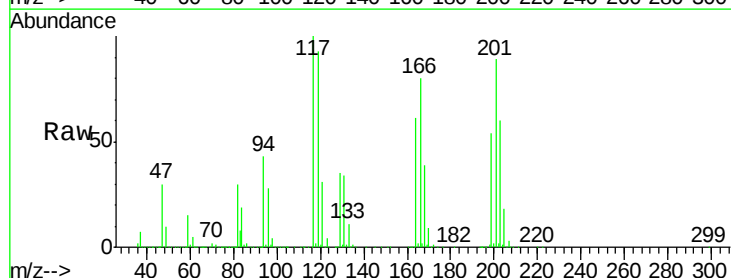
RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Tgt Ion:	117	Resp:	167133
Ion Ratio		Lower	Upper
117	100		
201	88.4	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 46.562 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

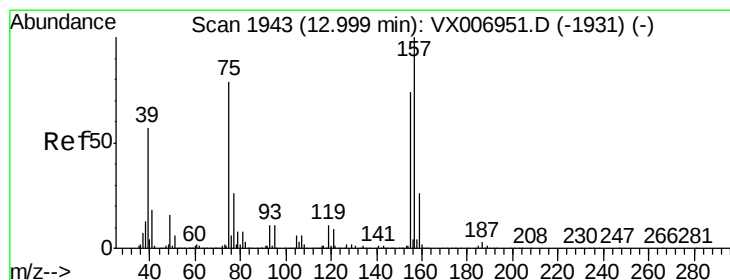
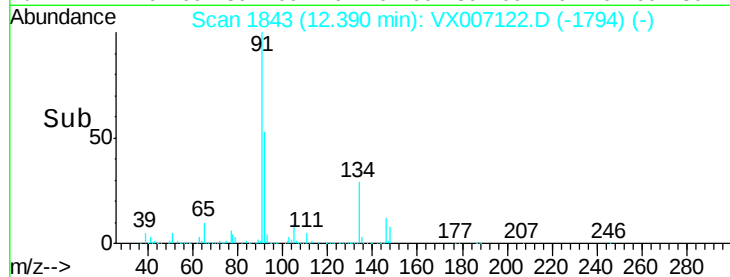
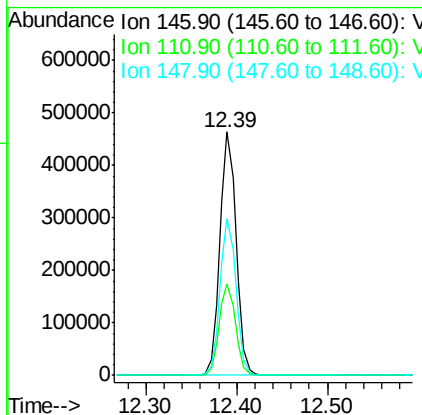
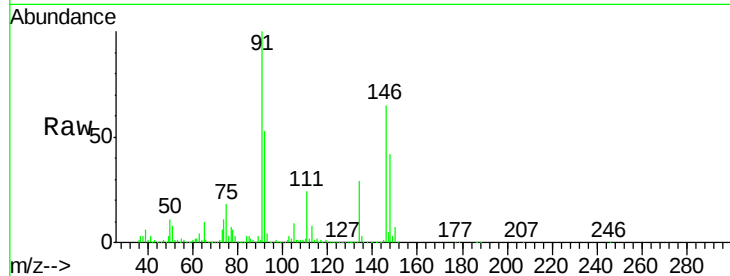
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	578051
Ion Ratio	Lower	Upper	
146	100		
111	37.9	19.4	58.2
148	63.8	32.3	96.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 48.675 ug/l

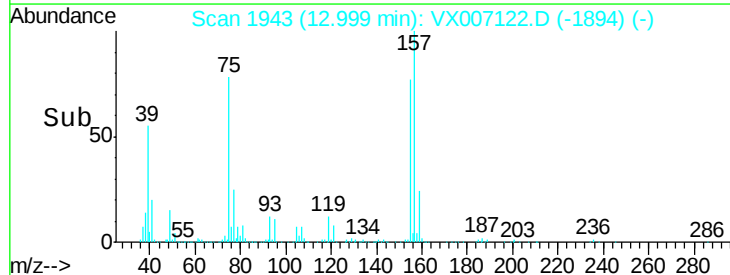
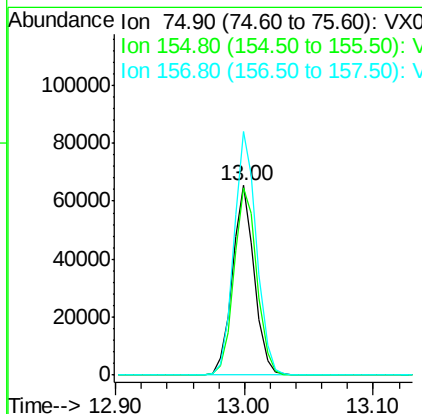
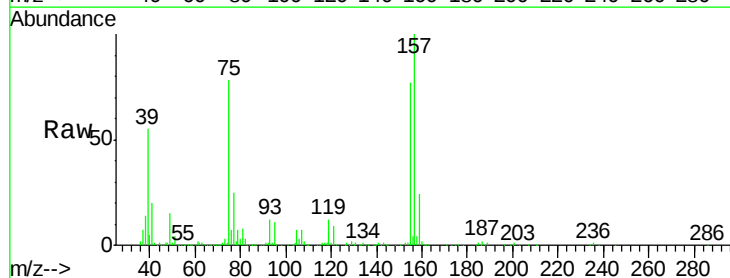
RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Tgt Ion:	75	Resp:	77196
Ion Ratio	Lower	Upper	
75	100		
155	103.6	50.6	151.8
157	132.8	64.6	193.8





#93

1,2,4-Trichlorobenzene

Concen: 46.898 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

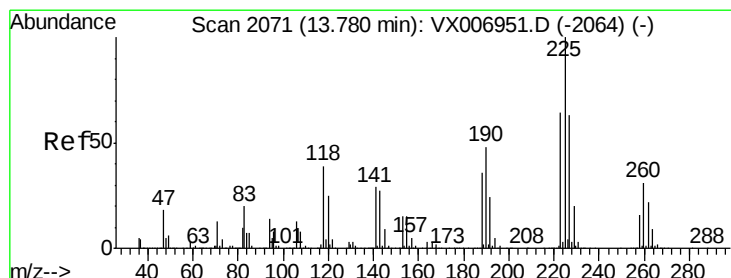
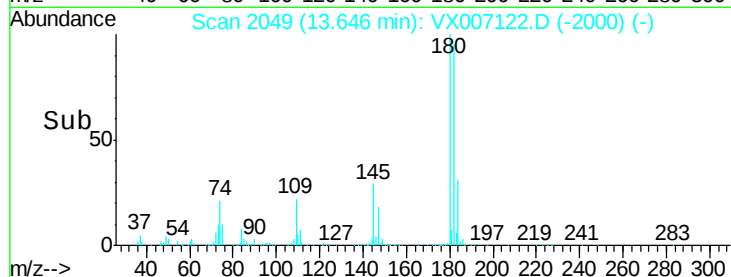
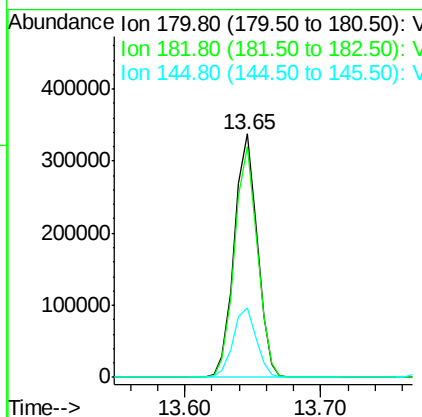
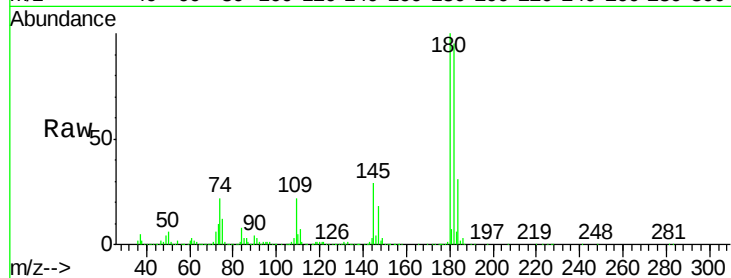
ClientSampleId :

VSTDCCC050EC

Tot Ion:	180	Resp:	399440
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.3	142.0
145	29.1	14.8	44.3

Manual Integrations
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1/18/2019 10:22:30 AM



#94

Hexachlorobutadiene

Concen: 48.445 ug/l

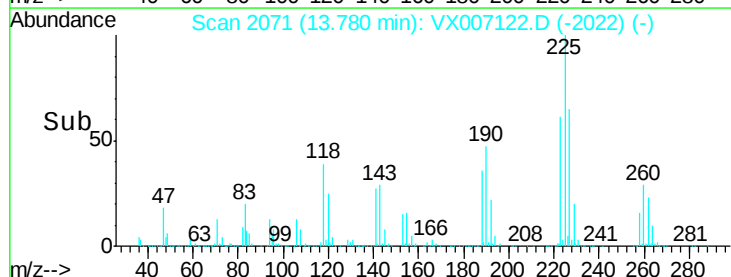
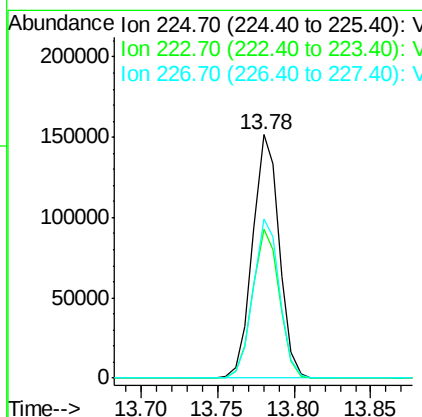
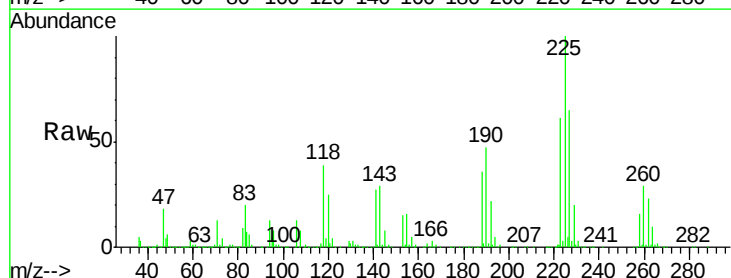
RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Tgt Ion:	225	Resp:	183105
Ion Ratio	Lower	Upper	
225	100		
223	61.9	32.1	96.3
227	65.0	32.3	96.8





#95

Naphthalene

Concen: 48.260 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1245546

Ion Ratio Lower Upper

128 100

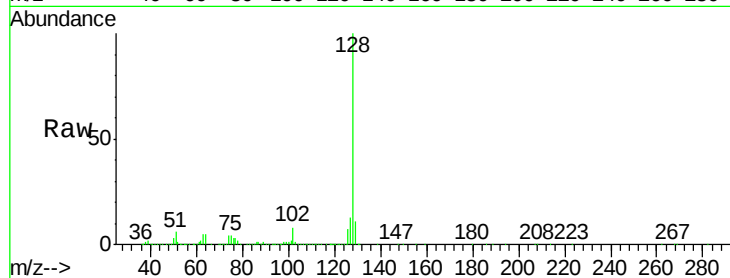
127 13.0 10.1 15.1

129 10.9 8.6 13.0

Manual Integrations
APPROVED

MMDadoda

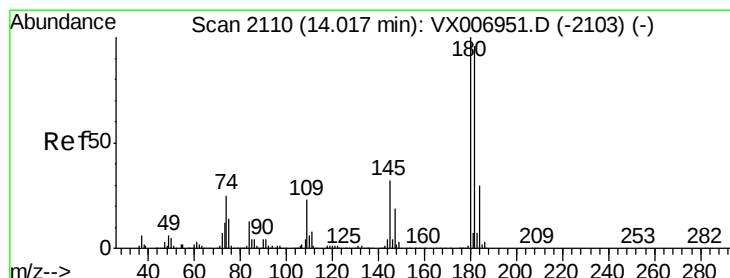
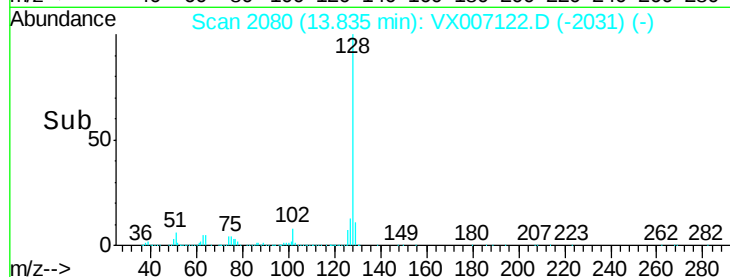
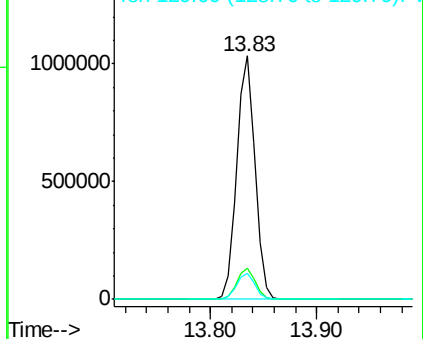
1/18/2019 10:22:30 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.545 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

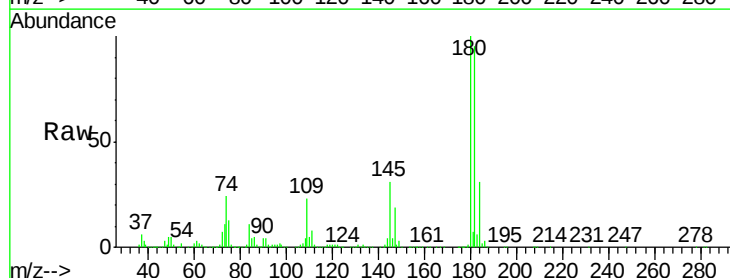
Tgt Ion:180 Resp: 402279

Ion Ratio Lower Upper

180 100

182 94.9 48.5 145.5

145 30.3 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

