

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011719\
 Data File : VX007099.D
 Acq On : 17 Jan 2019 19:49
 Operator : JC/SP
 Sample : K1168-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW150-190115MS

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 10:24:25 AM

Quant Time: Jan 18 06:57:50 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	486466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	732681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	676310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	345775	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	256636	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
35) Dibromofluoromethane	5.50	113	235064	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	8.71	98	873466	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	11.13	95	311869	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	206278	51.636	ug/l	98
3) Chloromethane	1.33	50	230035	49.464	ug/l	98
4) Vinyl Chloride	1.41	62	249532	49.881	ug/l	99
5) Bromomethane	1.64	94	233091	43.611	ug/l	100
6) Chloroethane	1.71	64	164579	47.116	ug/l	98
7) Trichlorofluoromethane	1.93	101	399917	49.476	ug/l	99
8) Diethyl Ether	2.19	74	160100	49.786	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	239331	49.456	ug/l	99
10) Methyl Iodide	2.51	142	341140	52.260	ug/l	100
11) Tert butyl alcohol	3.08	59	289413	241.323	ug/l	99
12) 1,1-Dichloroethene	2.37	96	216124	48.339	ug/l	95
13) Acrolein	2.30	56	144129	278.302	ug/l	97
14) Allyl chloride	2.73	41	383345	50.029	ug/l	99
15) Acrylonitrile	3.15	53	718427	260.951	ug/l	100
16) Acetone	2.45	43	608633	242.159	ug/l	99
17) Carbon Disulfide	2.57	76	499633	43.405	ug/l	100
18) Methyl Acetate	2.78	43	388893	53.430	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	805791	51.925	ug/l	98
20) Methylene Chloride	2.85	84	255121	53.406	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	236951	47.557	ug/l	98
22) Diisopropyl ether	3.87	45	732158	50.826	ug/l	95
23) Vinyl Acetate	3.82	43	2921846	240.515	ug/l	99
24) 1,1-Dichloroethane	3.70	63	402683	49.992	ug/l	98
25) 2-Butanone	4.70	43	921543	256.251	ug/l	98
26) 2,2-Dichloropropane	4.58	77	260010	41.978	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	273445	49.756	ug/l	99
28) Bromochloromethane	5.01	49	167799	47.547	ug/l	93
29) Tetrahydrofuran	5.15	42	596321	255.152	ug/l	98
30) Chloroform	5.21	83	429608	50.941	ug/l	98
31) Cyclohexane	5.57	56	345553	48.200	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	358888	50.206	ug/l	98
36) 1,1-Dichloropropene	5.80	75	302844	47.542	ug/l	99
37) Ethyl Acetate	4.85	43	332584	48.700	ug/l	97
38) Carbon Tetrachloride	5.78	117	312575	48.771	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	424626	52.288	ug/l	93
40) Benzene	6.14	78	947260	48.735	ug/l	100
41) Methacrylonitrile	5.06	41	191160	48.589	ug/l	99
42) 1,2-Dichloroethane	6.20	62	327484	48.757	ug/l	100
43) Isopropyl Acetate	6.46	43	541471	50.265	ug/l	99
44) Trichloroethene	7.21	130	271049	46.536	ug/l	97
45) 1,2-Dichloropropane	7.51	63	244606	50.057	ug/l	96
46) Dibromomethane	7.66	93	172541	50.241	ug/l	97
47) Bromodichloromethane	7.90	83	311822	53.343	ug/l	96
48) Methyl methacrylate	7.77	41	281903	50.959	ug/l	97
49) 1,4-Dioxane	7.76	88	113777	899.750	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1856835	268.216	ug/l	98
52) Toluene	8.79	92	619410	49.581	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	332829	51.346	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	361249	50.465	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	260464	52.088	ug/l	98
56) Ethyl methacrylate	9.18	69	395881	54.231	ug/l	95
57) 1,3-Dichloropropane	9.37	76	421069	51.400	ug/l	99
59) 2-Hexanone	9.49	43	1378271	261.252	ug/l	99
60) Dibromochloromethane	9.59	129	269217	55.445	ug/l	99
61) 1,2-Dibromoethane	9.67	107	282620	51.339	ug/l	100
64) Tetrachloroethene	9.34	164	249278	42.573	ug/l	97
65) Chlorobenzene	10.14	112	798985	54.166	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	258386	52.071	ug/l	99
67) Ethyl Benzene	10.25	91	1194660	49.059	ug/l	98
68) m/p-Xylenes	10.36	106	941355	98.118	ug/l	99
69) o-Xylene	10.70	106	466730	49.882	ug/l	97
70) Stvrene	10.71	104	747286	50.427	ug/l	99
71) Bromoform	10.86	173	201426	45.809	ug/l #	100
73) Isopropylbenzene	11.02	105	1313685	53.879	ug/l	99
74) N-amyl acetate	10.90	43	496844	50.612	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	400543	51.747	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	360656m	51.471	ug/l	
77) Bromobenzene	11.26	156	333686	49.669	ug/l	98
78) n-propylbenzene	11.36	91	1383763	51.698	ug/l	98
79) 2-Chlorotoluene	11.42	91	797056	49.469	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1010936	49.621	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	101610	44.235	ug/l	94
82) 4-Chlorotoluene	11.51	91	921092	49.374	ug/l	100
83) tert-Butylbenzene	11.77	119	1214789	59.763	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1040108	50.770	ug/l	99
85) sec-Butylbenzene	11.94	105	1695106	69.828	ug/l	80
86) p-Isopropyltoluene	12.06	119	1106550	50.961	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	591544	48.715	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	598448	52.010	ug/l	99
89) n-Butylbenzene	12.39	91	980182	52.953	ug/l	98
90) Hexachloroethane	12.60	117	167956	48.542	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	588821	49.137	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	88017	57.495	ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	419308	51.002	ug/l	96

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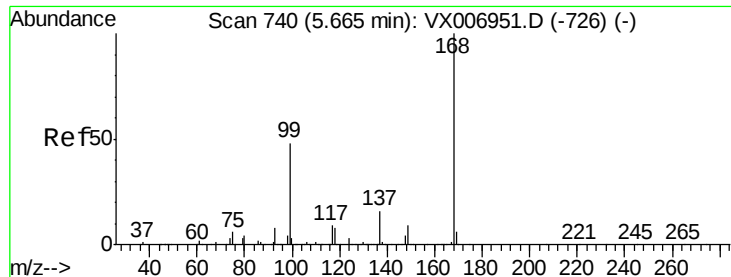
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	195251	53.517	ug/l	99
95) Naphthalene	13.83	128	1322607	53.090	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	421802	51.647	ug/l	97

(#) = 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: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MS

Tot Ion:168 Resp: 486466

Ion Ratio Lower Upper

168 100

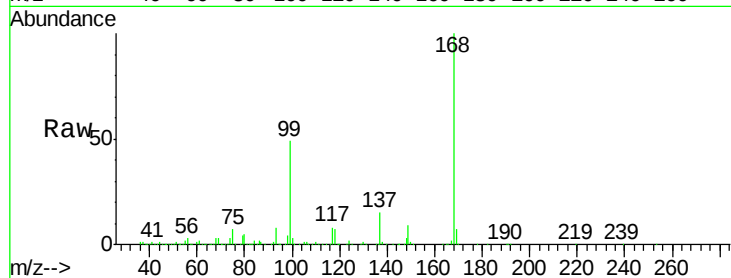
99 48.8 41.8 62.8

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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

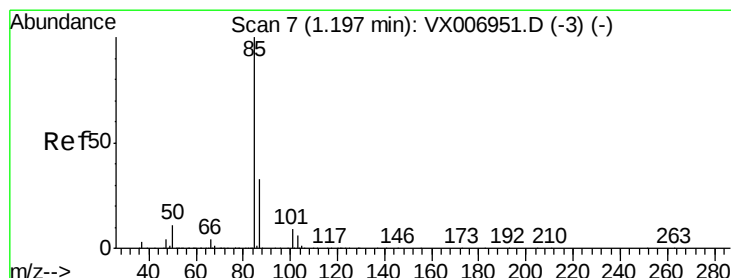
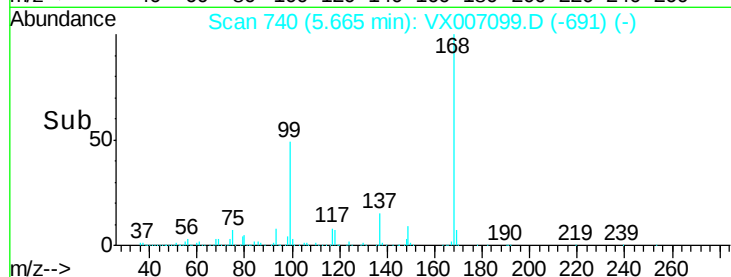
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.636 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007099.D

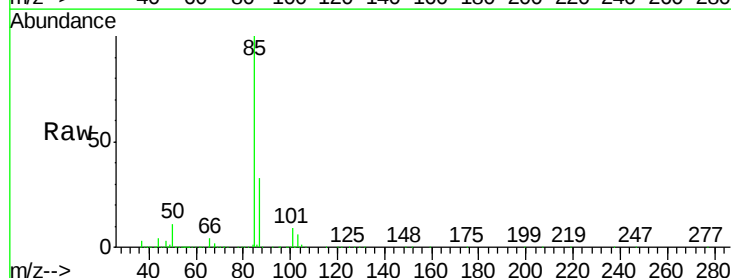
Acq: 17 Jan 2019 19:49

Tgt Ion: 85 Resp: 206278

Ion Ratio Lower Upper

85 100

87 32.9 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

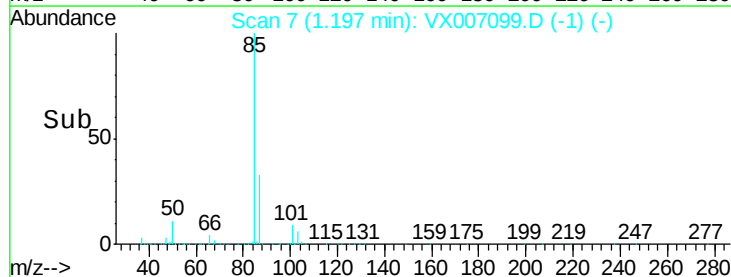
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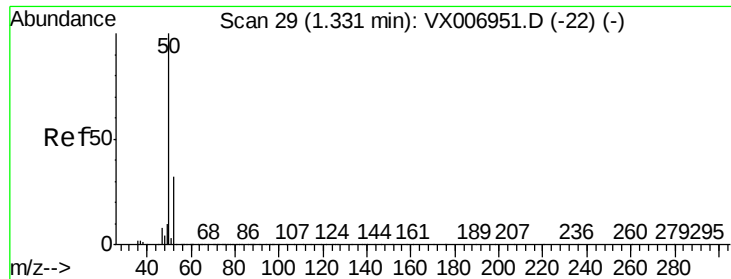
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Time-->





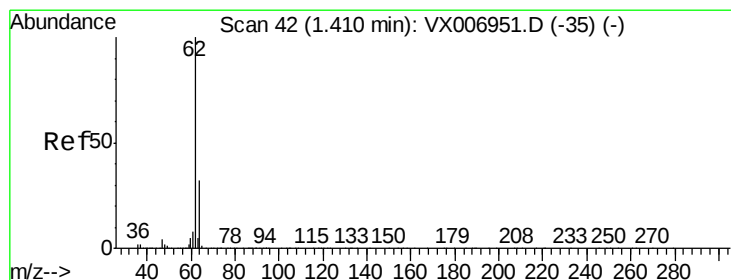
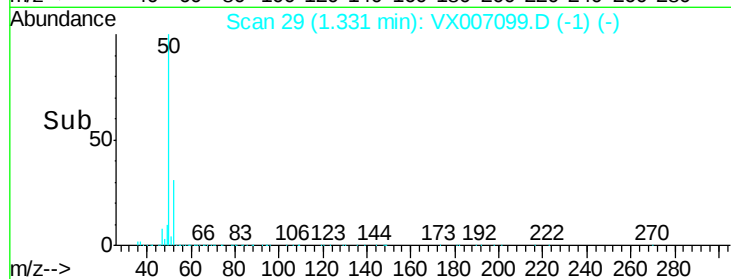
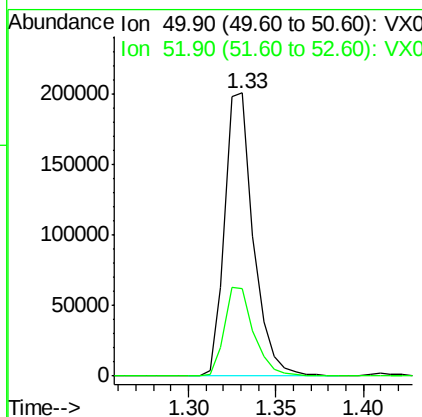
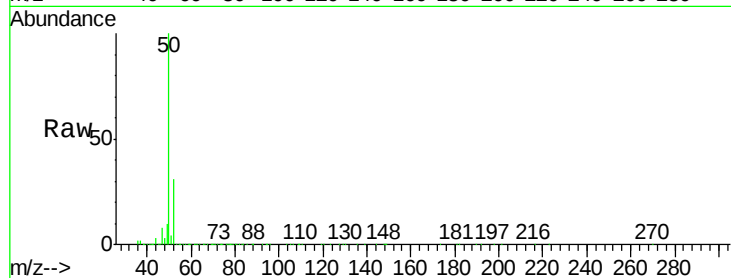
#3
Chloromethane
Concen: 49.464 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
50	100		
52	30.8	25.4	38.2

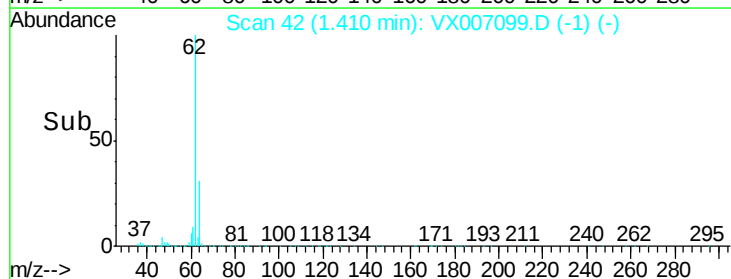
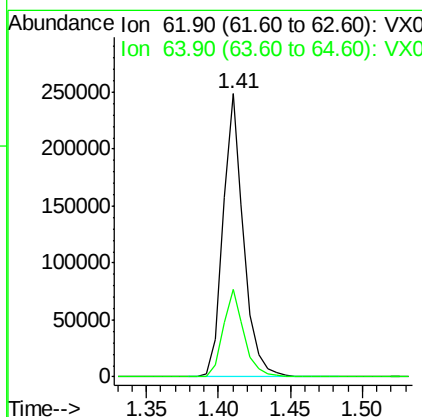
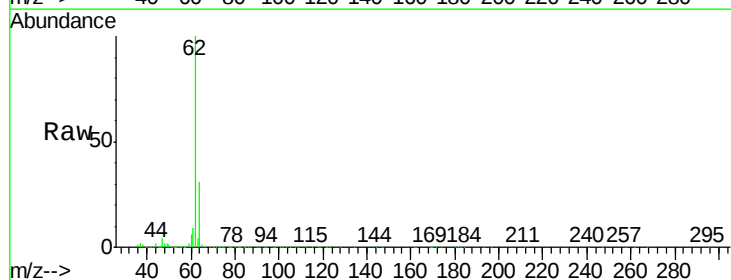
Manual Integrations
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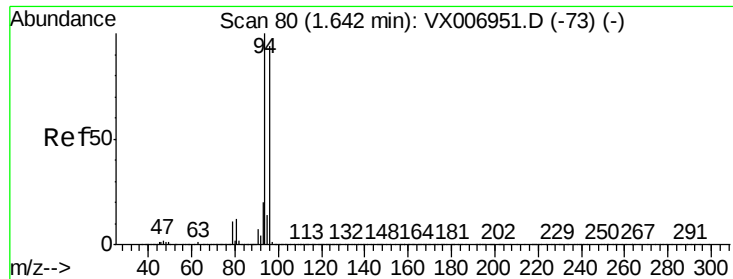
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#4
Vinyl Chloride
Concen: 49.881 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Tgt Ion	Ratio	Lower	Upper
62	100		
64	30.6	25.1	37.7





#5

Bromomethane

Concen: 43.611 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MS

Tot Ion: 94 Resp: 233091

Ion Ratio Lower Upper

94 100

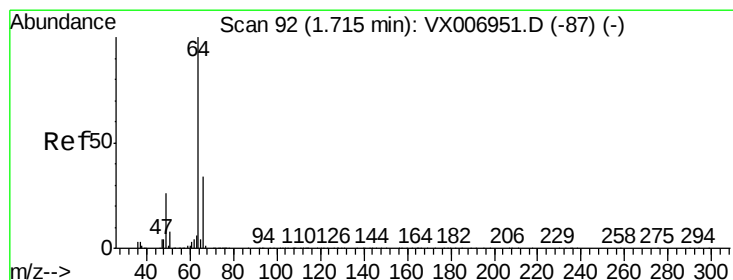
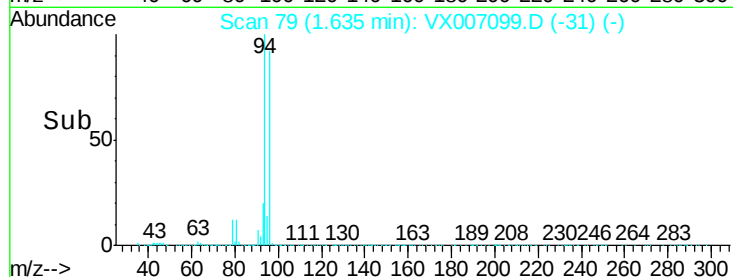
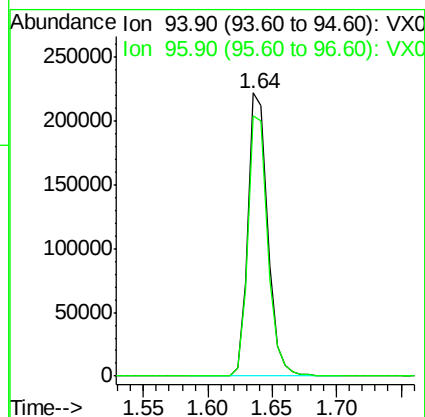
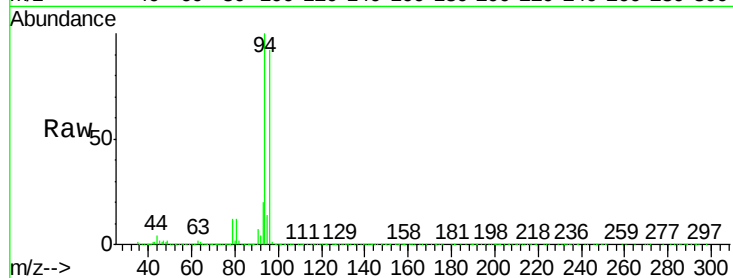
96 92.1 73.4 110.2

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#6

Chloroethane

Concen: 47.116 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX007099.D

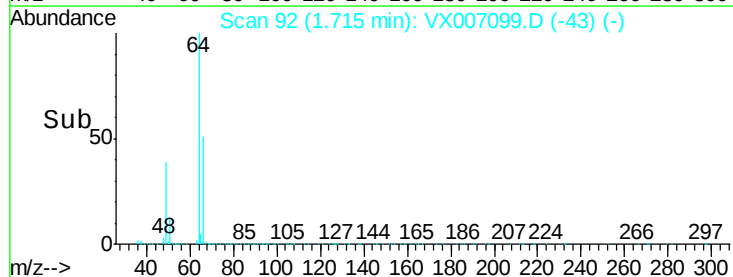
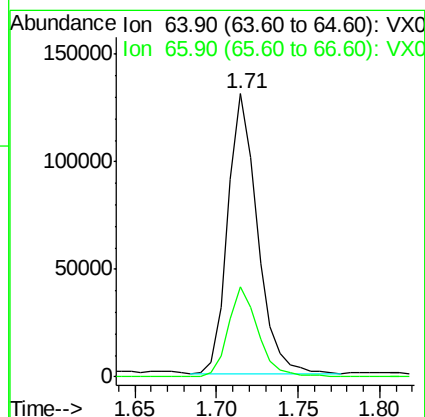
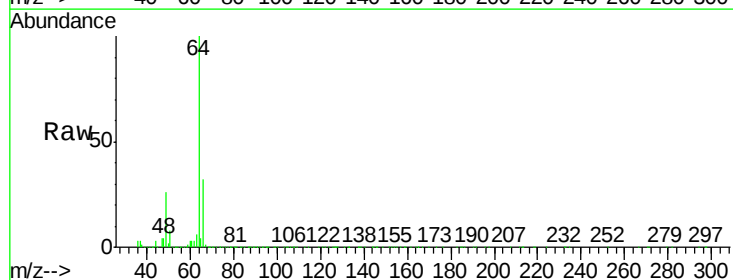
Acq: 17 Jan 2019 19:49

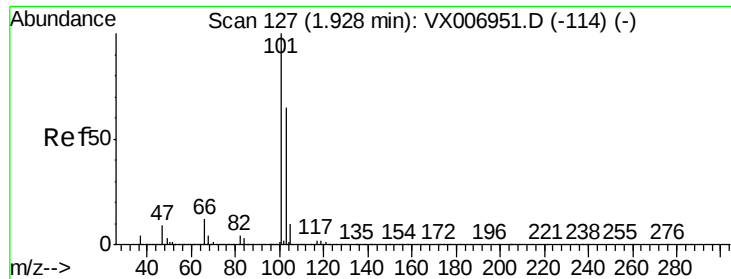
Tgt Ion: 64 Resp: 164579

Ion Ratio Lower Upper

64 100

66 32.0 26.4 39.6





#7

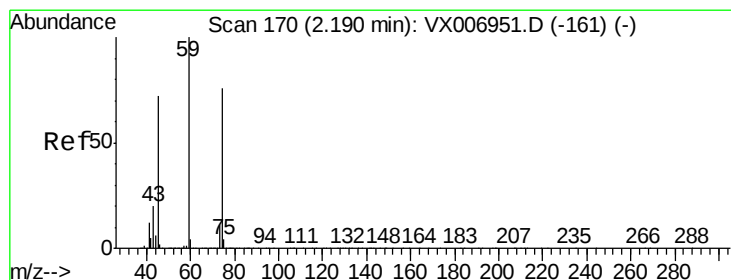
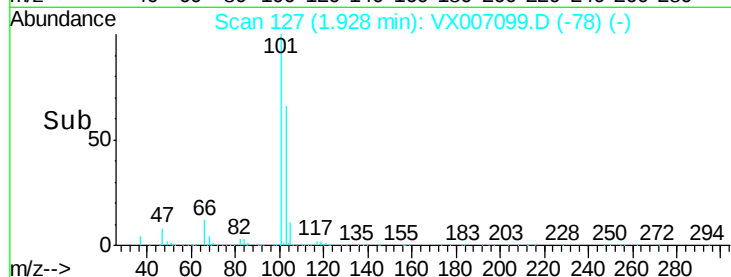
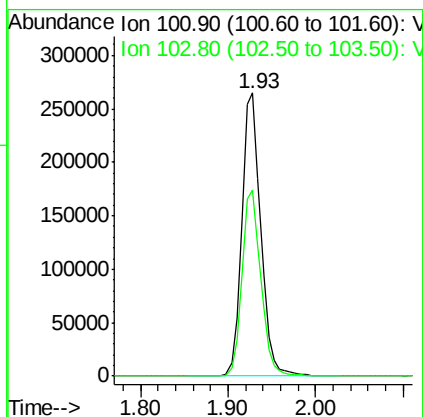
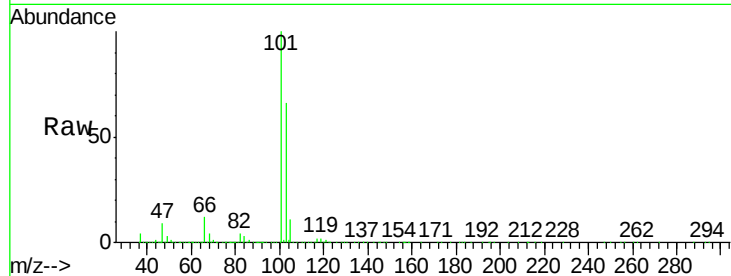
Trichlorofluoromethane
Concen: 49.476 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Instrument :
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ClientSampleId :
SS038RW150-190115MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	53.2	79.8

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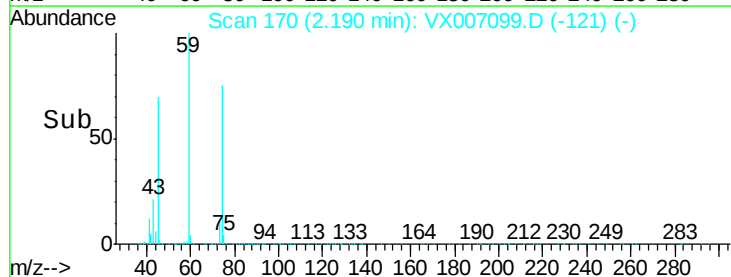
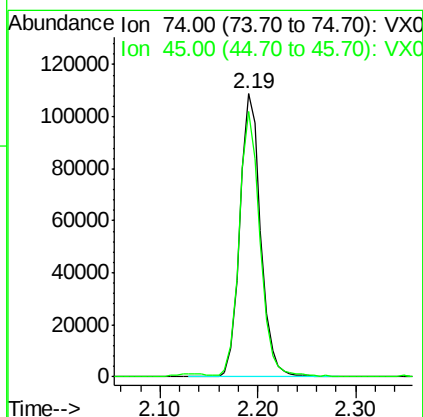
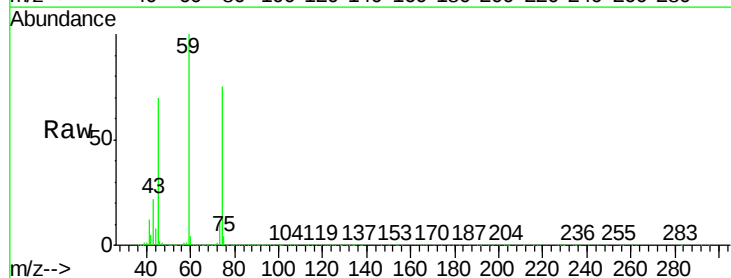
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1/18/2019 10:24:25 AM

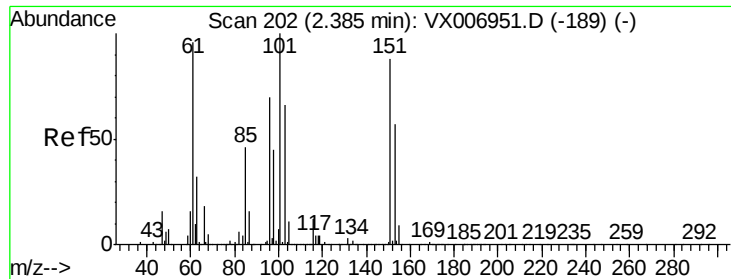


#8

Diethyl Ether
Concen: 49.786 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.8	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.456 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

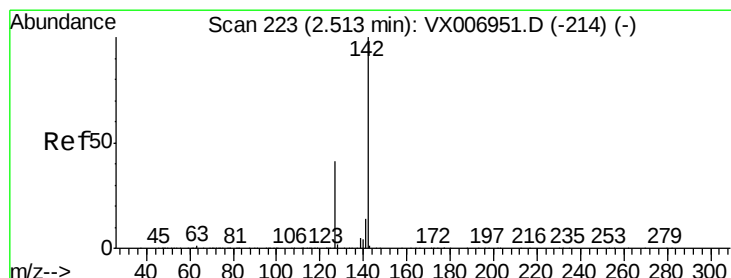
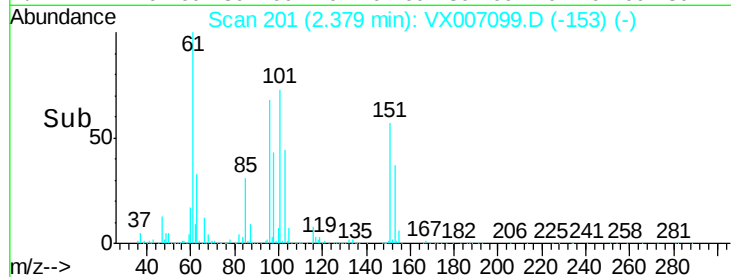
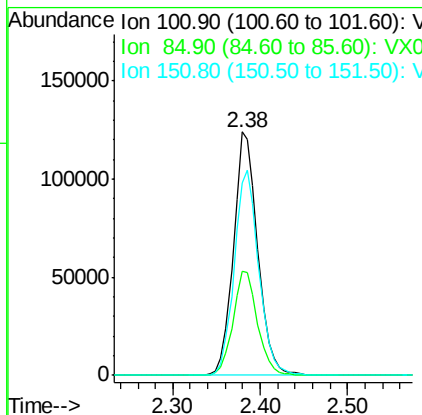
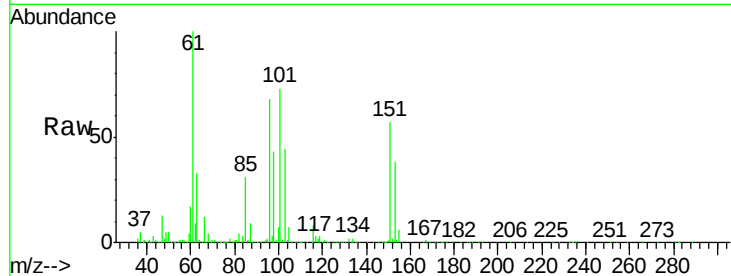
ClientSampleId :

SS038RW150-190115MS

Tot Ion:	101	Resp:	239331
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.1	52.7
151	85.4	68.9	103.3

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#10

Methyl Iodide

Concen: 52.260 ug/l

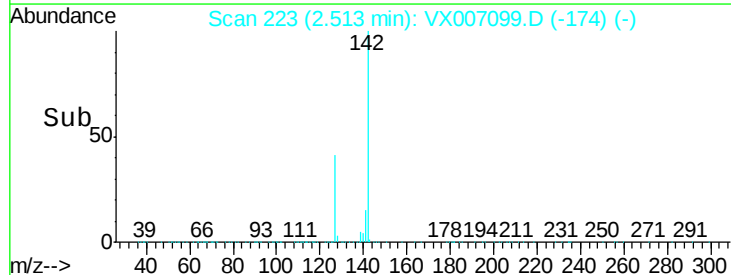
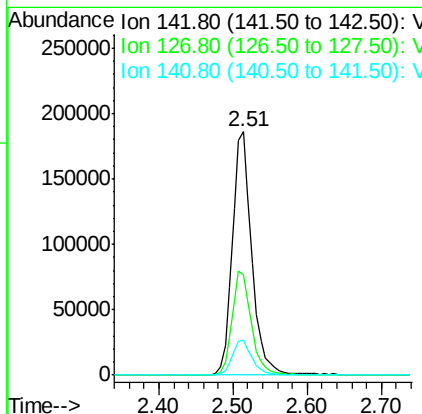
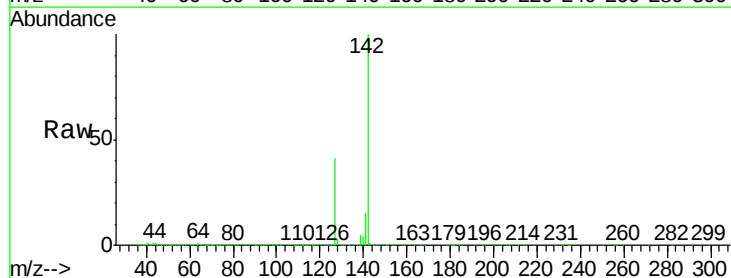
RT: 2.51 min Scan# 223

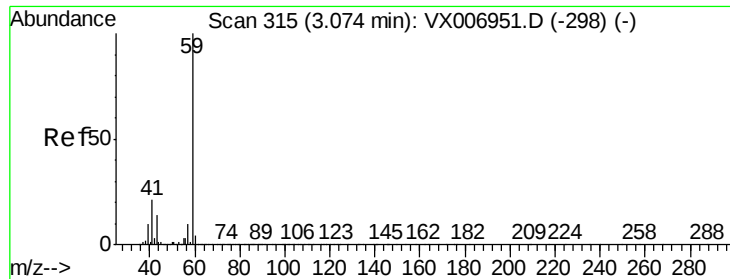
Delta R.T. 0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Tgt Ion:	142	Resp:	341140
Ion Ratio	Lower	Upper	
142	100		
127	42.3	33.9	50.9
141	14.8	11.4	17.0





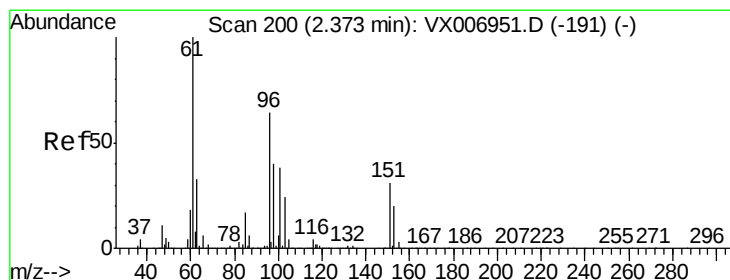
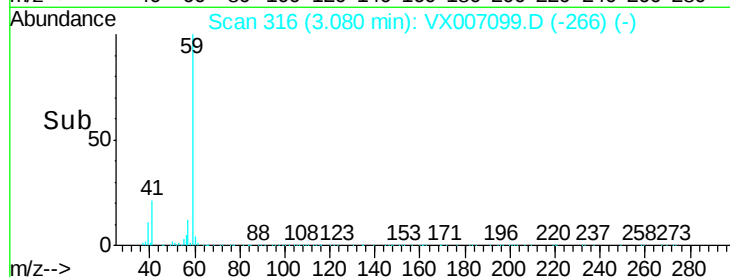
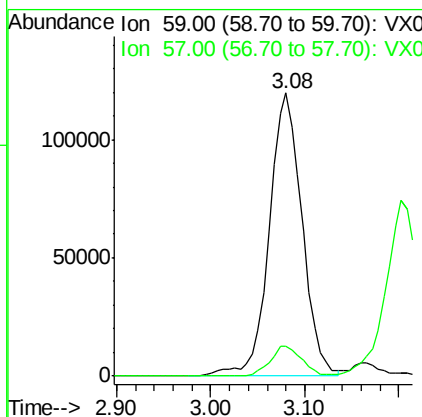
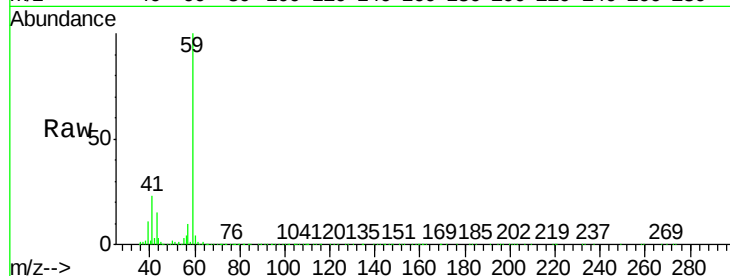
#11
Tert butyl alcohol
Concen: 241.323 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.5	12.7

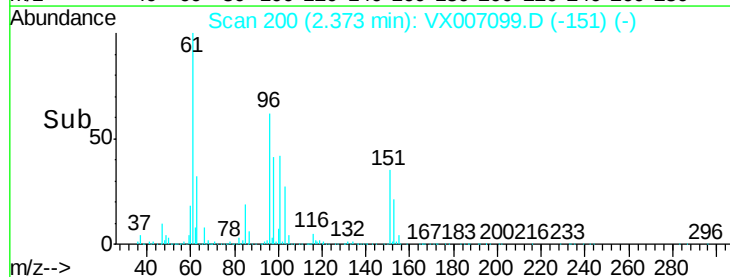
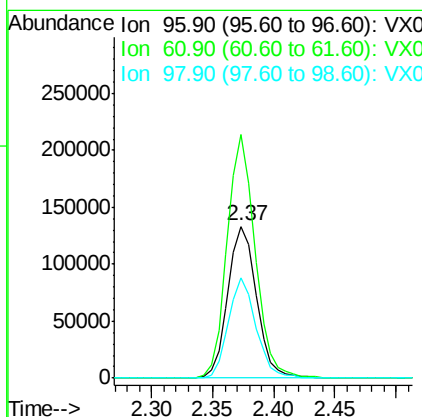
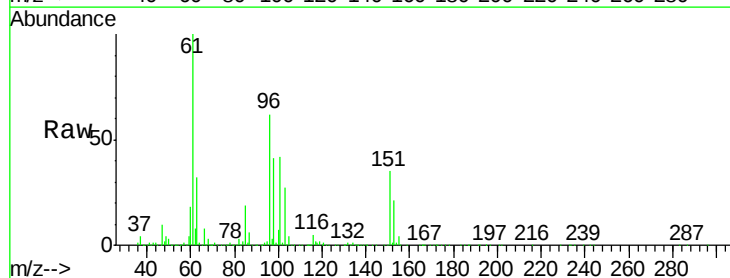
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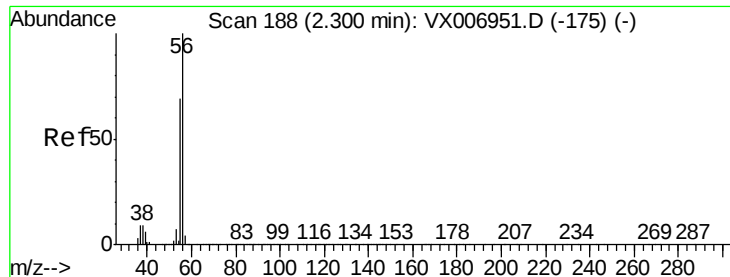
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.339 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.2	121.4	182.2
98	65.5	51.9	77.9





#13

Acrolein

Concen: 278.302 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MS

Tot Ion: 56 Resp: 144129

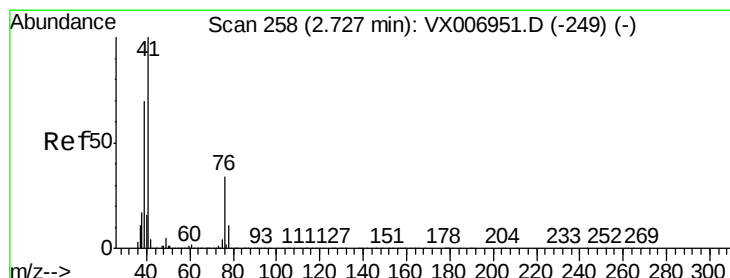
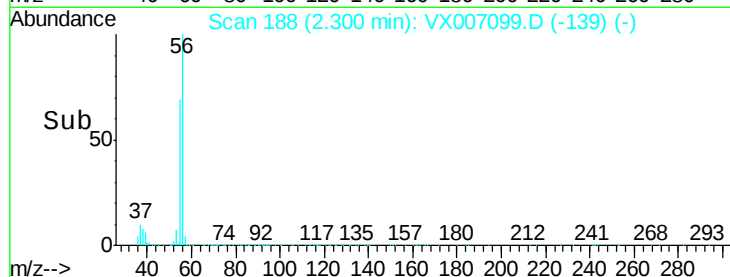
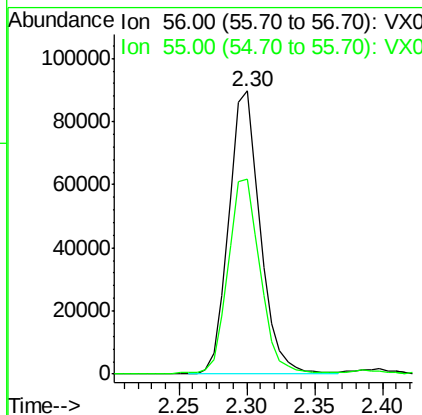
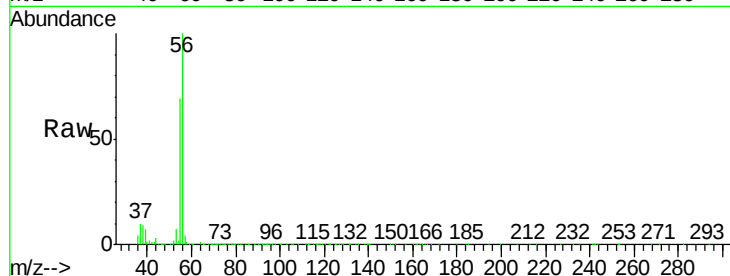
Ion Ratio Lower Upper

56 100

55 70.2 58.2 87.4

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#14

Allyl chloride

Concen: 50.029 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

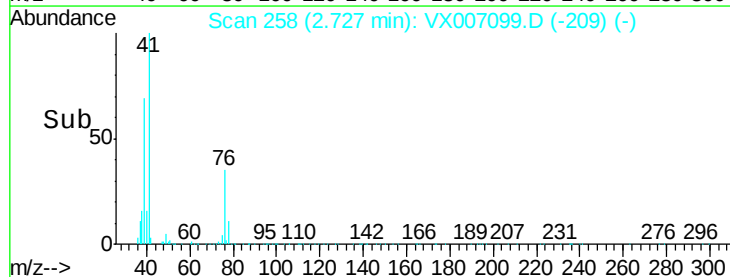
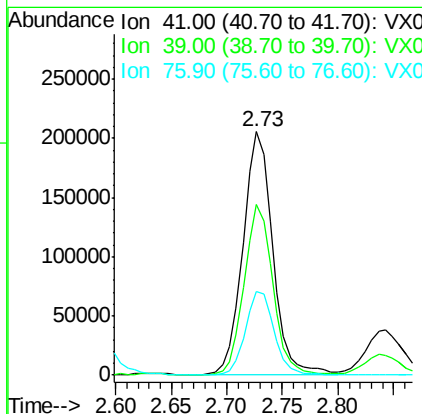
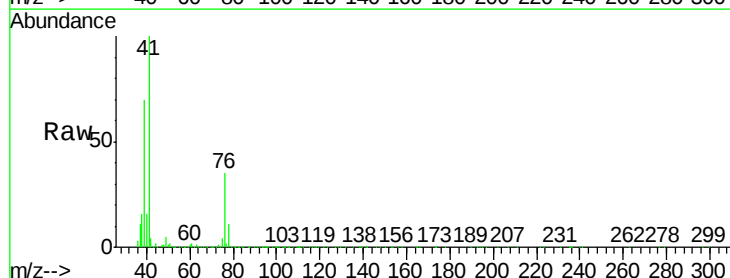
Tgt Ion: 41 Resp: 383345

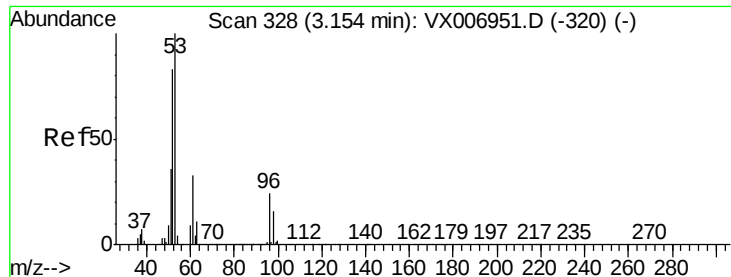
Ion Ratio Lower Upper

41 100

39 67.2 53.6 80.4

76 33.0 27.4 41.2





#15

Acrylonitrile

Concen: 260.951 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

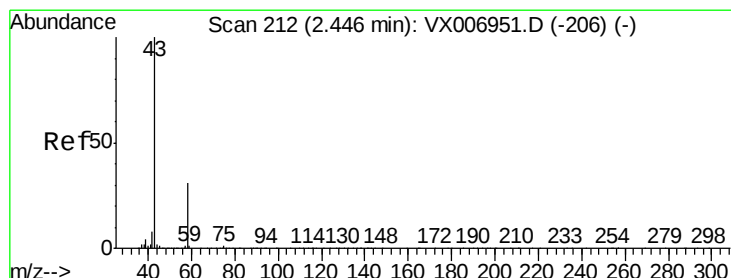
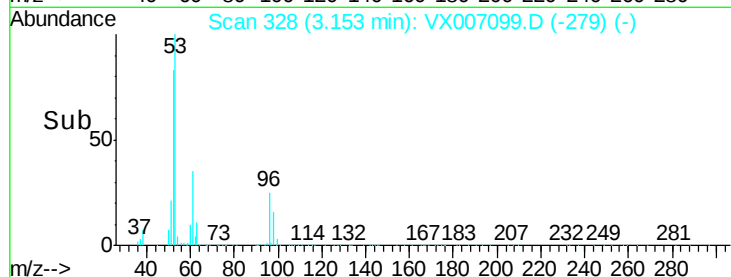
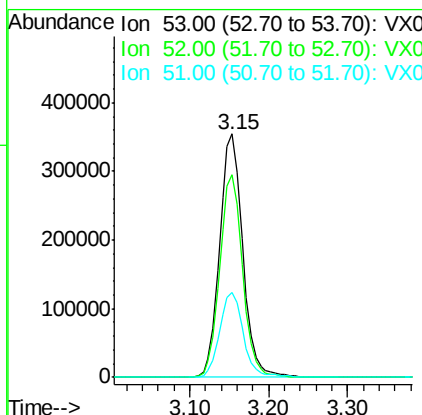
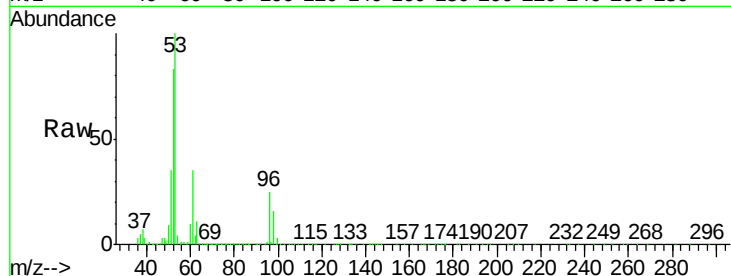
ClientSampleId :

SS038RW150-190115MS

Tot Ion:	53	Resp:	718427
Ion Ratio		Lower	Upper
53	100		
52	82.5	66.0	99.0
51	35.9	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 242.159 ug/l

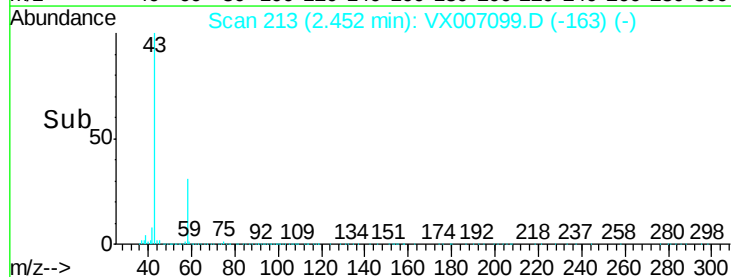
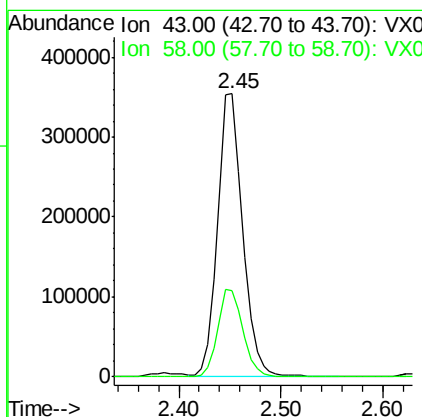
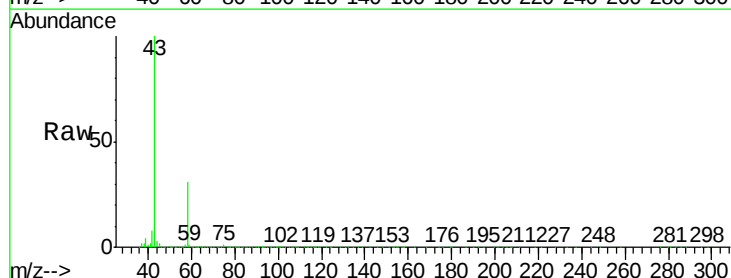
RT: 2.45 min Scan# 213

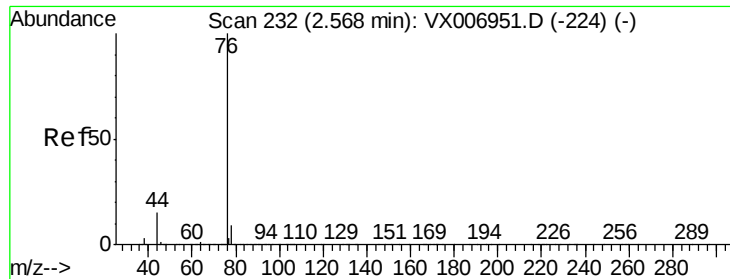
Delta R.T. 0.01 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Tgt Ion:	43	Resp:	608633
Ion Ratio		Lower	Upper
43	100		
58	30.5	25.0	37.6





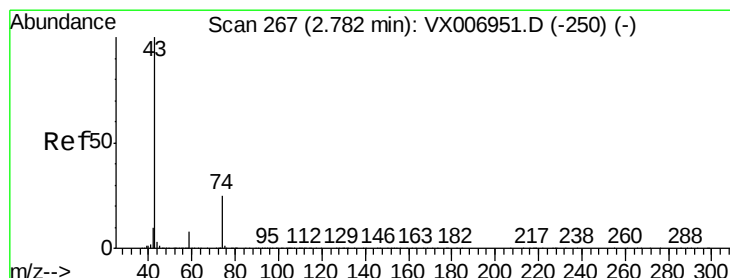
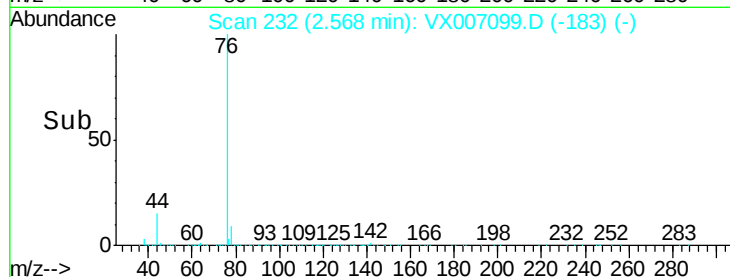
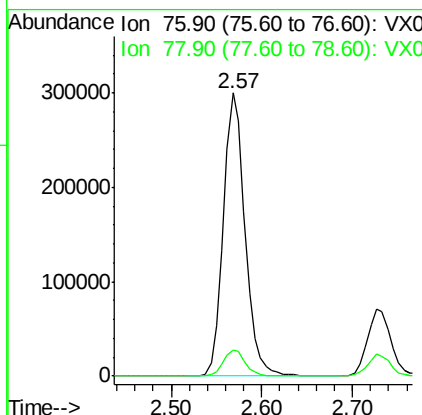
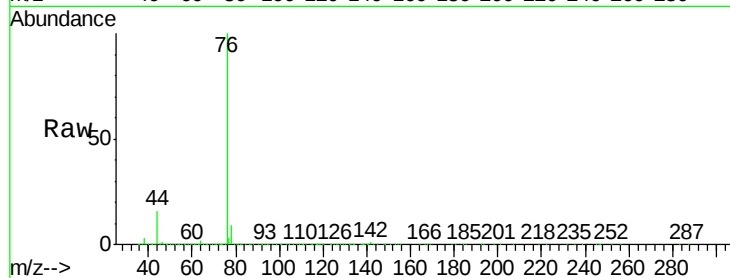
#17
Carbon Disulfide
Concen: 43.405 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.6

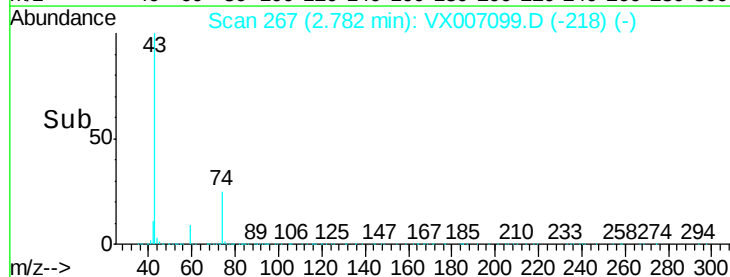
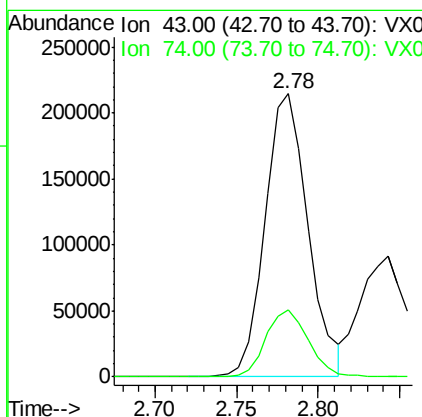
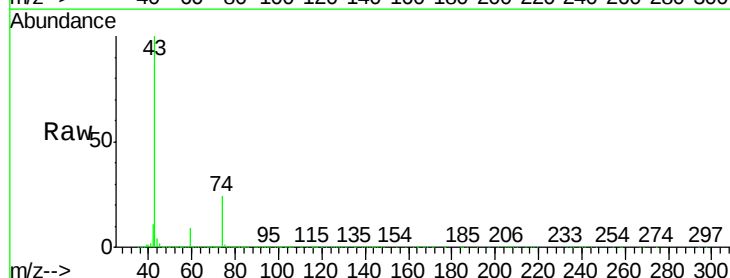
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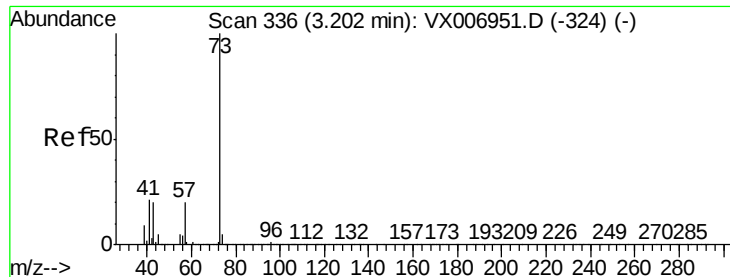
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#18
Methyl Acetate
Concen: 53.430 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	18.6	28.0





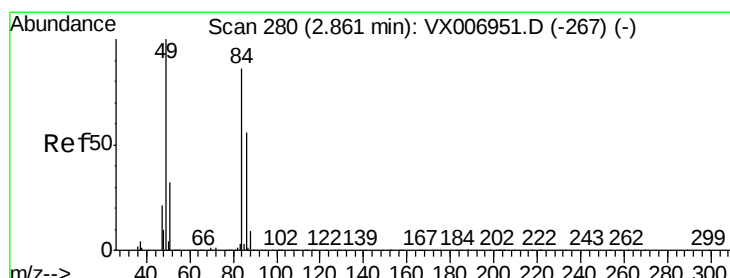
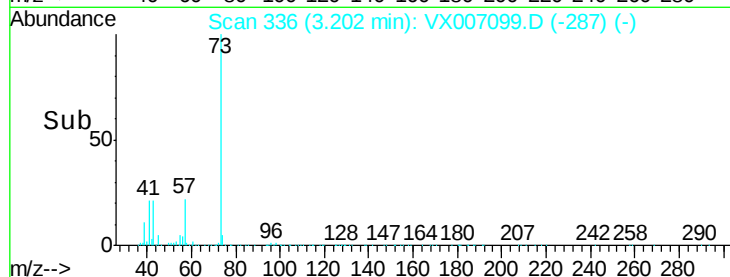
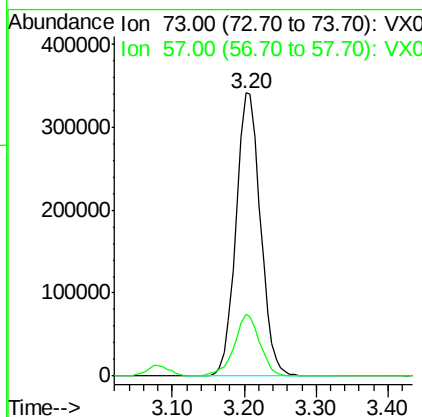
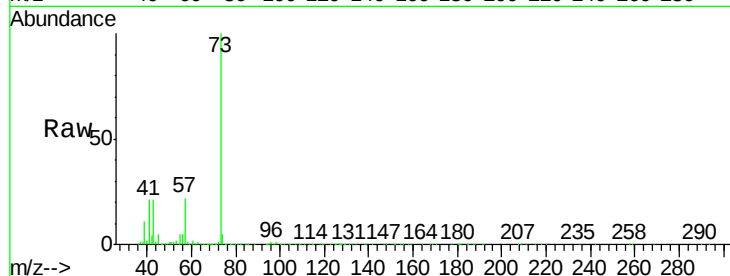
#19
Methyl tert-butyl Ether
Concen: 51.925 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	16.8	25.2

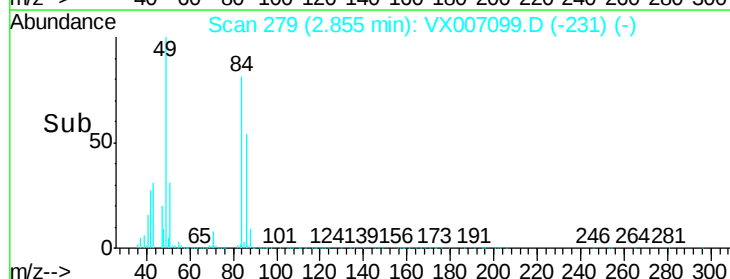
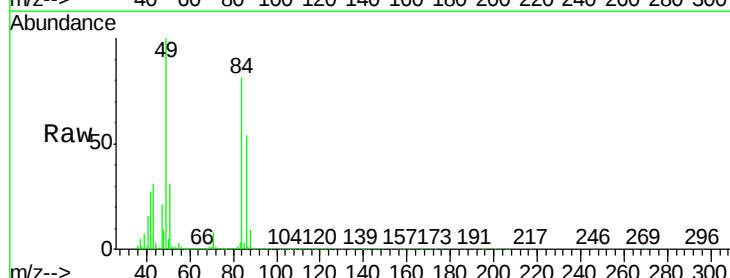
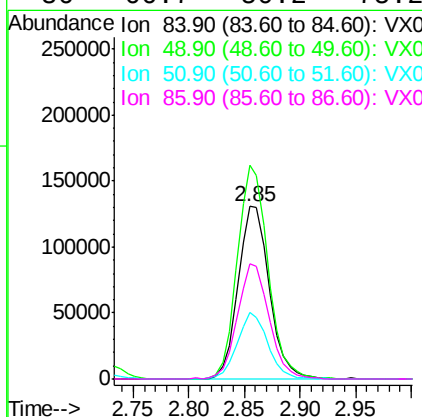
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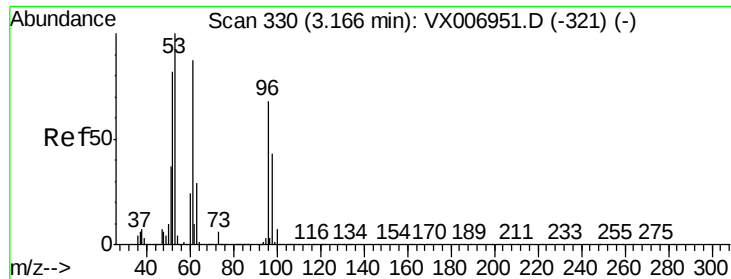
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#20
Methylene Chloride
Concen: 53.406 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.8	91.8	137.6
51	38.6	28.5	42.7
86	66.7	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 47.557 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

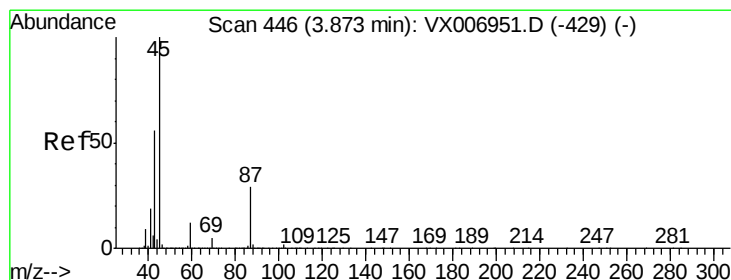
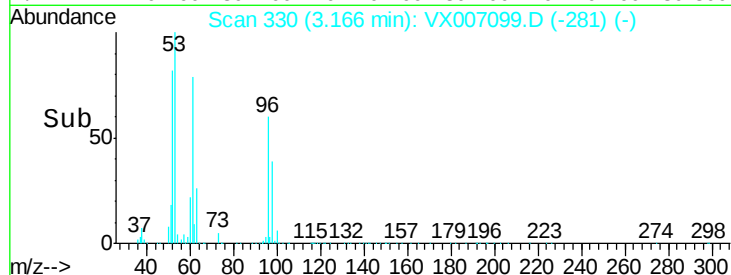
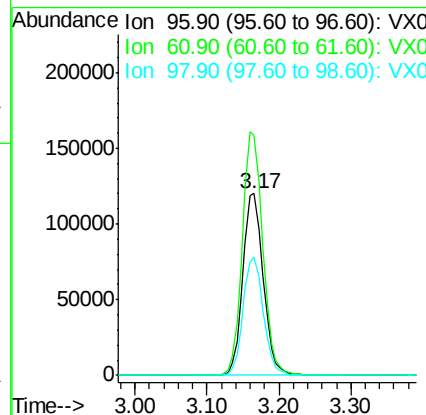
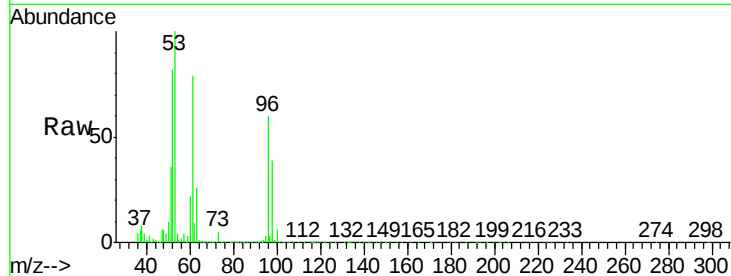
ClientSampleId :

SS038RW150-190115MS

Tot Ion:	96	Resp:	236951
Ion	Ratio	Lower	Upper
96	100		
61	131.7	103.7	155.5
98	65.1	51.0	76.6

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#22

Diisopropyl ether

Concen: 50.826 ug/l

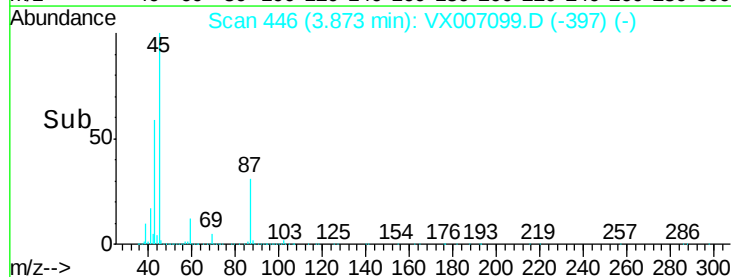
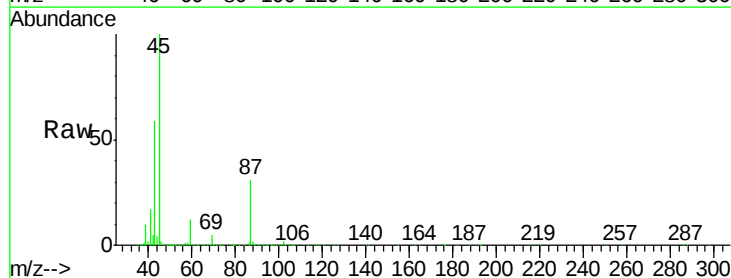
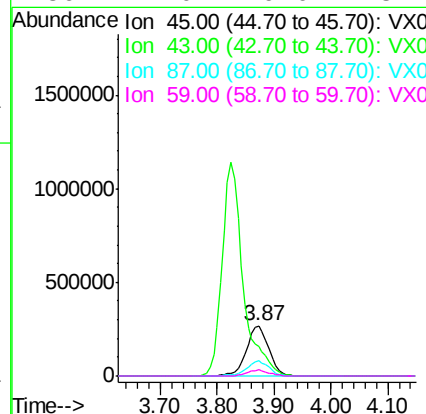
RT: 3.87 min Scan# 446

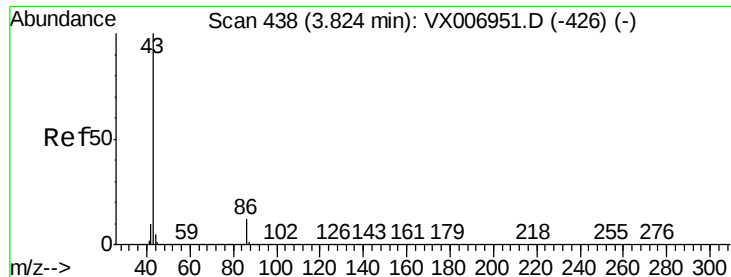
Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Tgt Ion:	45	Resp:	732158
Ion	Ratio	Lower	Upper
45	100		
43	58.9	51.2	76.8
87	31.0	25.8	38.6
59	12.0	9.0	13.4





#23

Vinyl Acetate

Concen: 240.515 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MS

Tot Ion: 43 Resp: 2921846

Ion Ratio Lower Upper

43 100

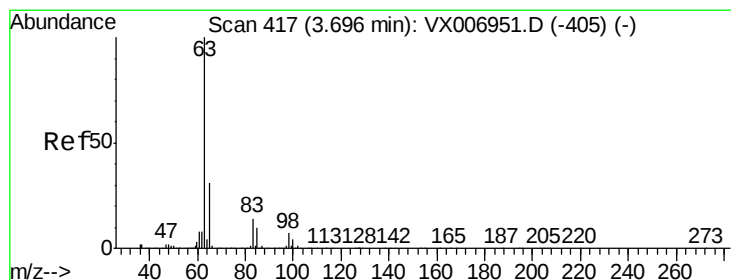
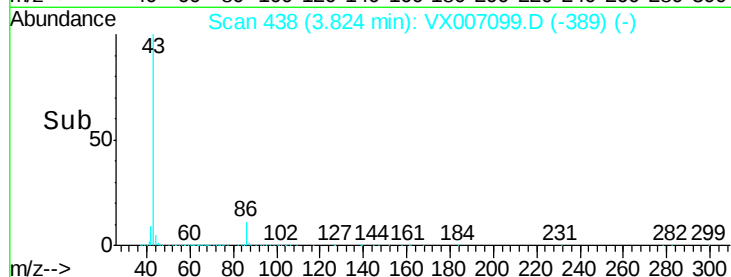
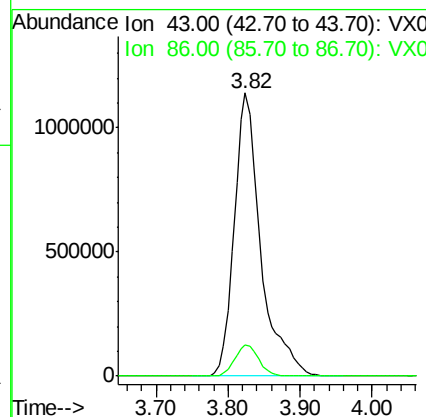
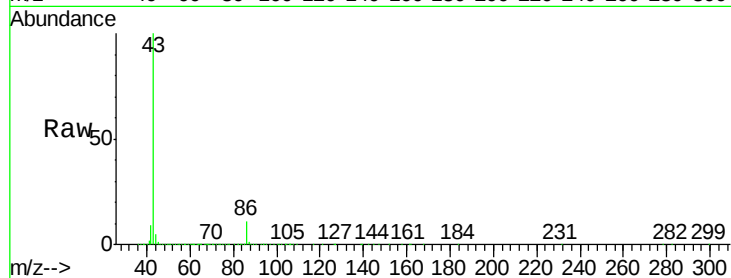
86 11.0 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 49.992 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

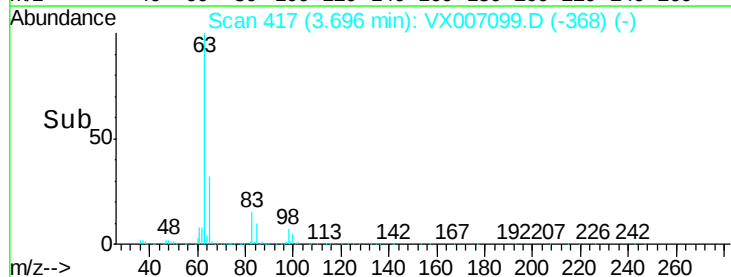
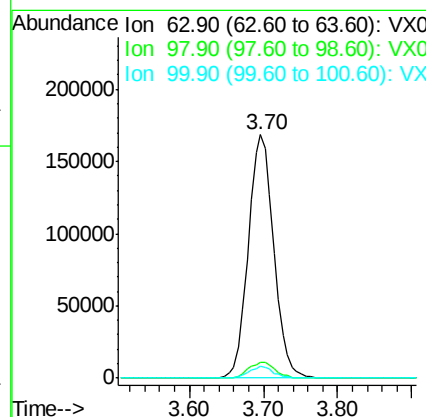
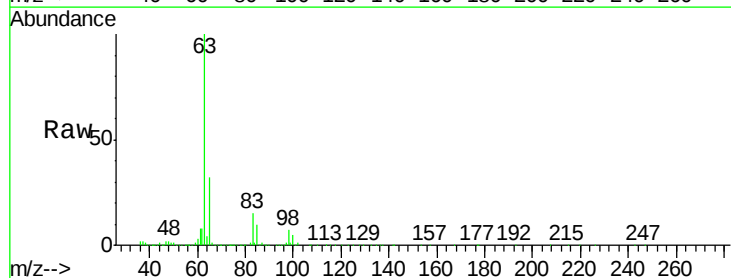
Tgt Ion: 63 Resp: 402683

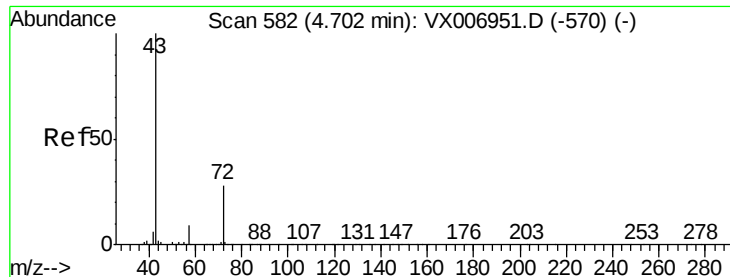
Ion Ratio Lower Upper

63 100

98 6.7 3.9 11.5

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 256.251 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MS

Tot Ion: 43 Resp: 921543

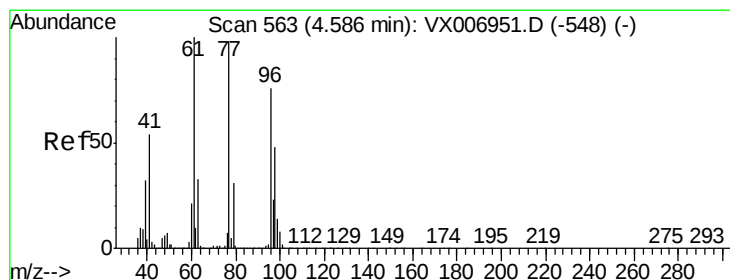
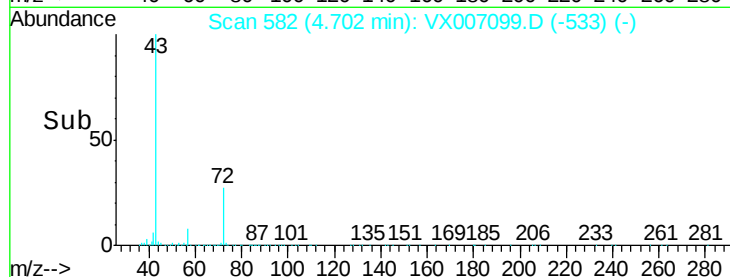
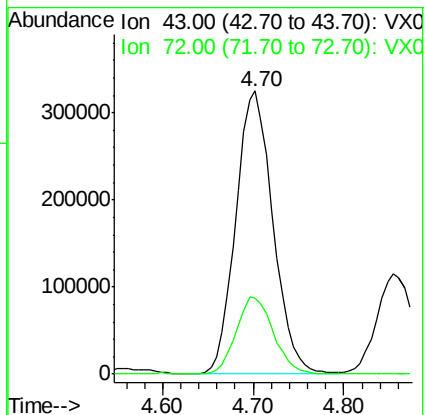
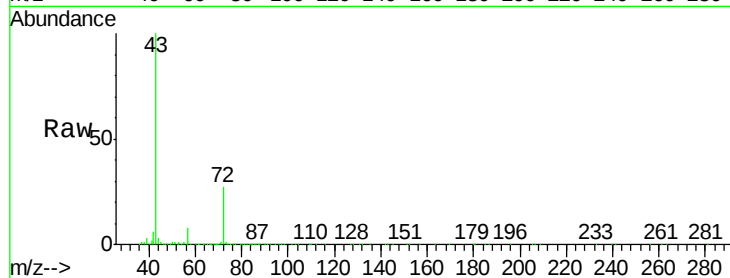
Ion Ratio Lower Upper

43 100

72 26.8 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 41.978 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007099.D

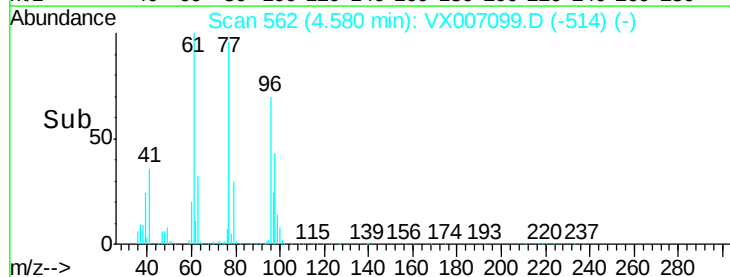
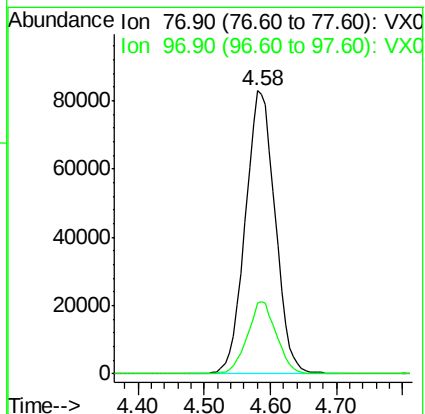
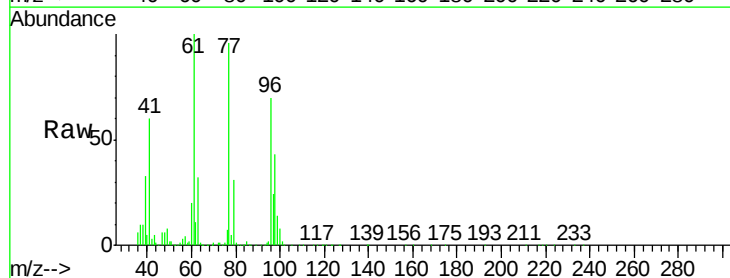
Acq: 17 Jan 2019 19:49

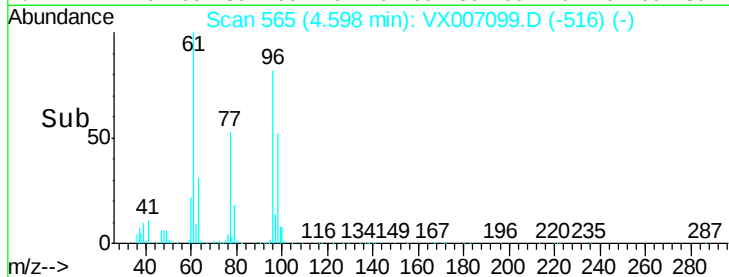
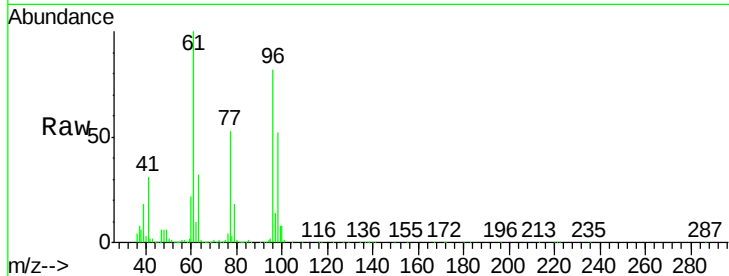
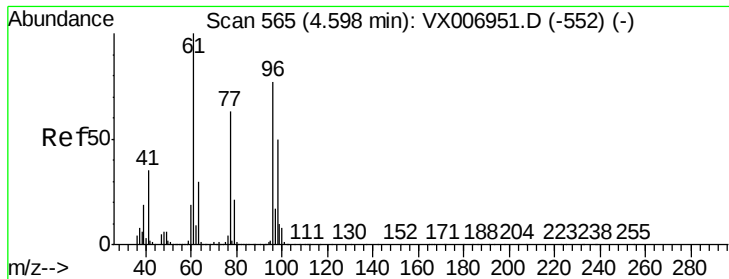
Tgt Ion: 77 Resp: 260010

Ion Ratio Lower Upper

77 100

97 24.9 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 49.756 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Tot Ion:	96	Resp:	273445
Ion Ratio	Lower	Upper	
96	100		
61	128.7	0.0	258.6
98	63.7	0.0	132.0

Instrument :

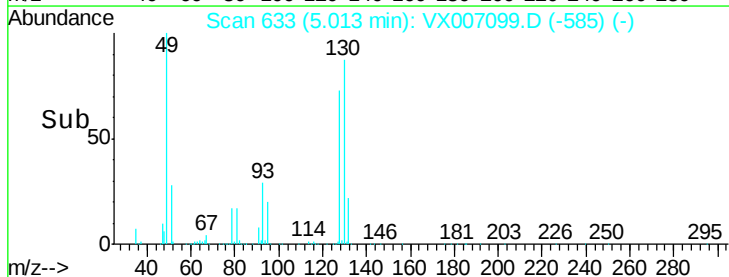
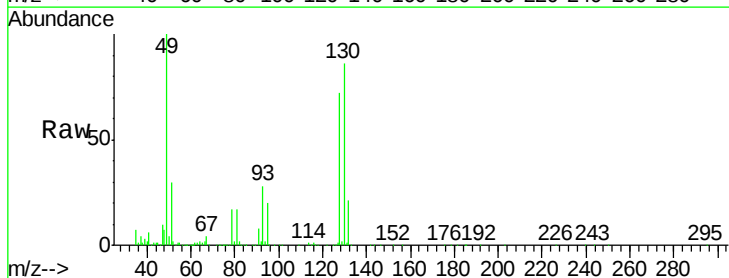
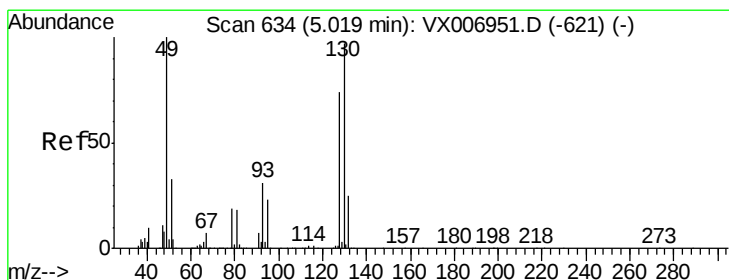
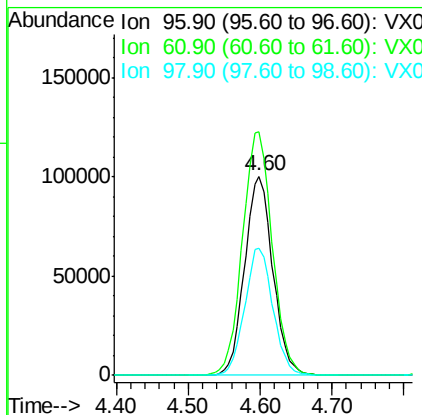
MSVOA_X

ClientSampleId :

SS038RW150-190115MS

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#28

Bromochloromethane

Concen: 47.547 ug/l

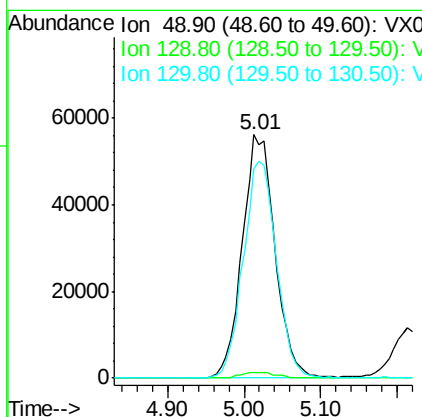
RT: 5.01 min Scan# 633

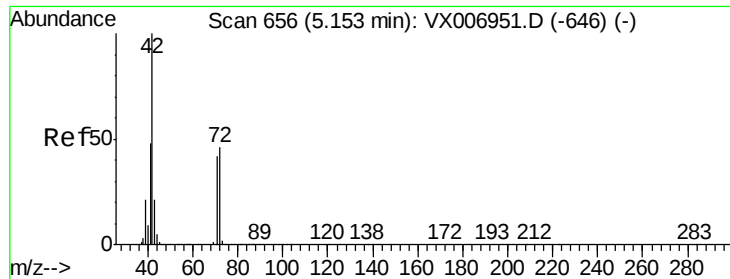
Delta R.T. -0.01 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Tgt Ion:	49	Resp:	167799
Ion Ratio	Lower	Upper	
49	100		
129	2.5	0.0	5.4
130	90.4	77.7	116.5





#29

Tetrahydrofuran

Concen: 255.152 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

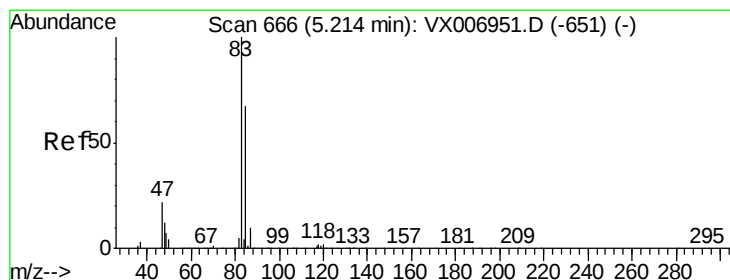
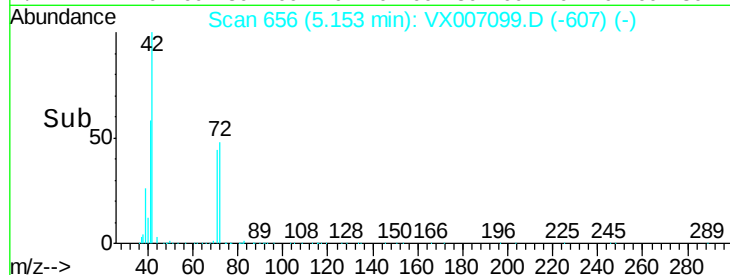
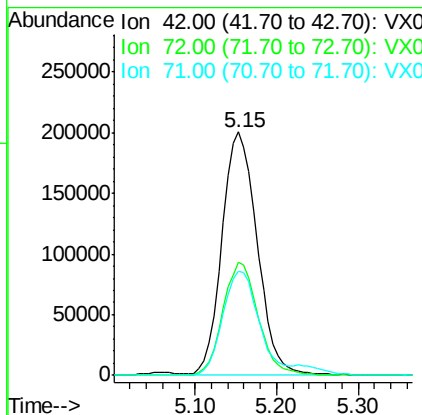
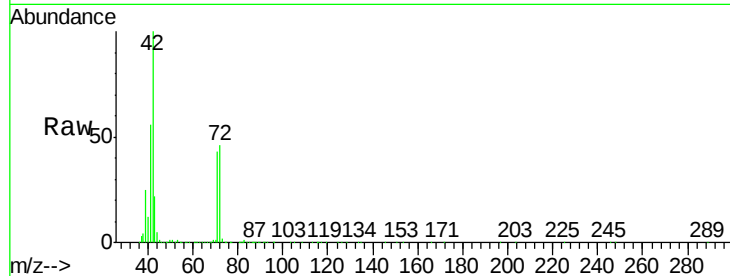
ClientSampleId :

SS038RW150-190115MS

Tot Ion:	42	Resp:	596321
Ion	Ratio	Lower	Upper
42	100		
72	46.9	38.9	58.3
71	44.5	36.2	54.4

Manual Integrations
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#30

Chloroform

Concen: 50.941 ug/l

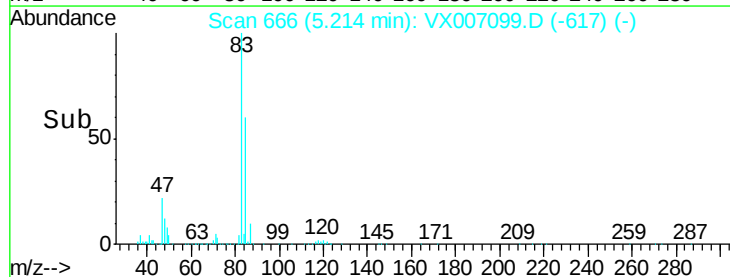
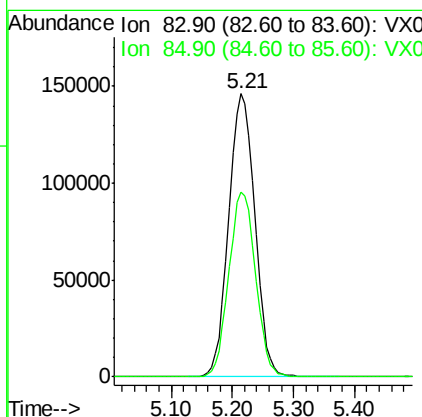
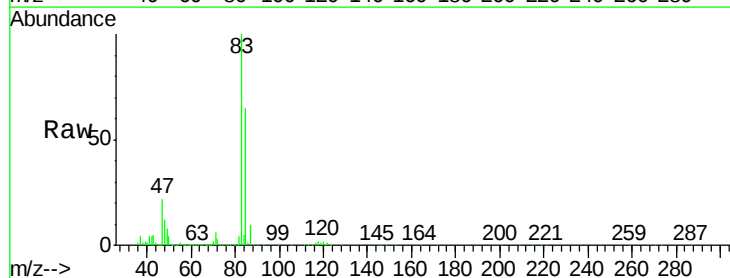
RT: 5.21 min Scan# 666

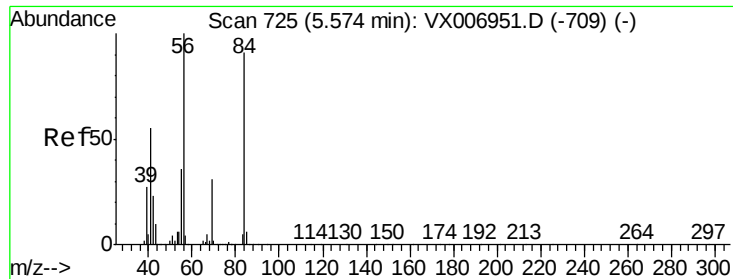
Delta R.T. 0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Tgt Ion:	83	Resp:	429608
Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.2	76.8





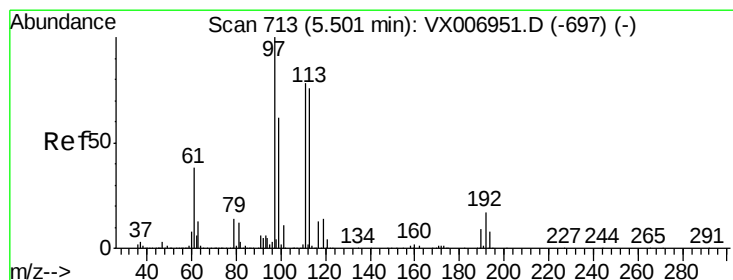
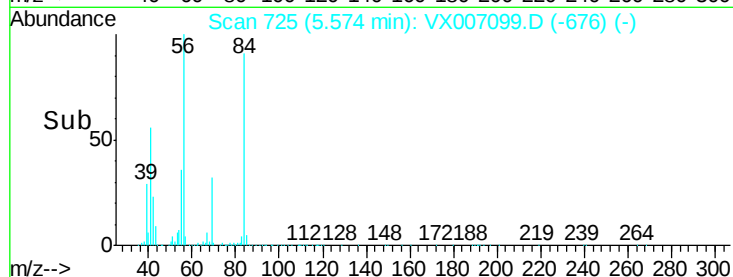
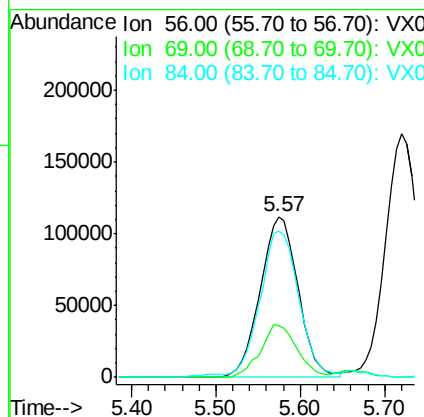
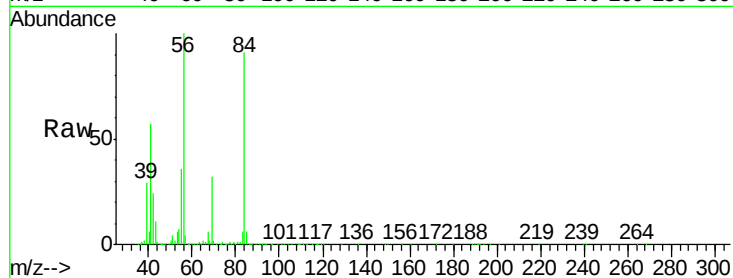
#31
Cvclohexane
Concen: 48.200 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.4	36.6
84	90.3	70.0	105.0

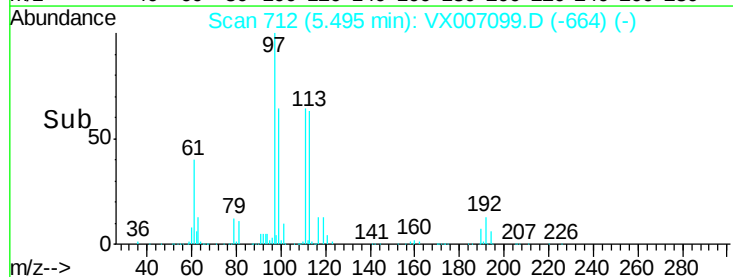
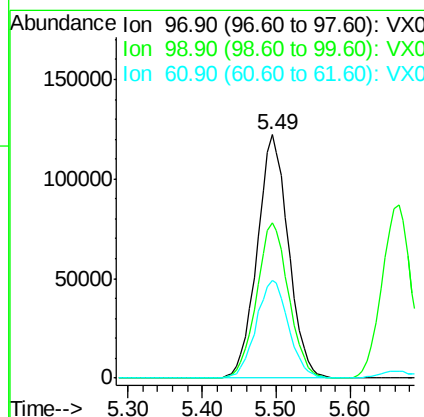
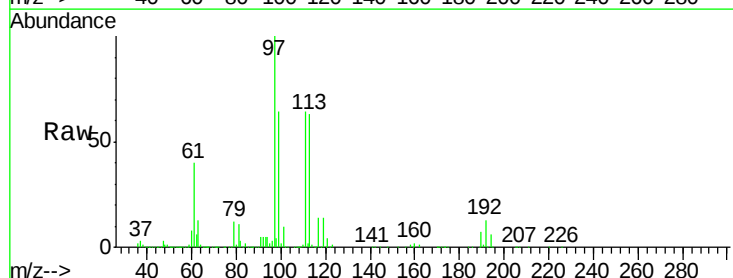
Manual Integrations
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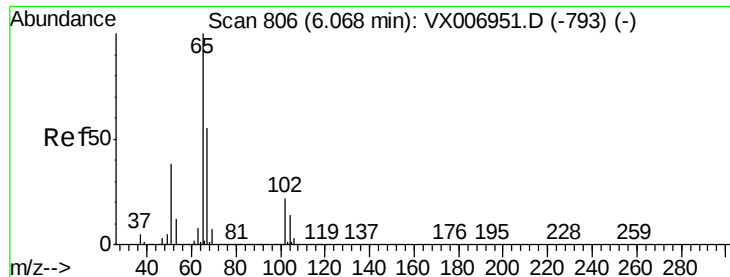
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#32
1,1,1-Trichloroethane
Concen: 50.206 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.7	77.5
61	41.5	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 50.479 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MS

Tot Ion: 65 Resp: 256636

Ion Ratio Lower Upper

65 100

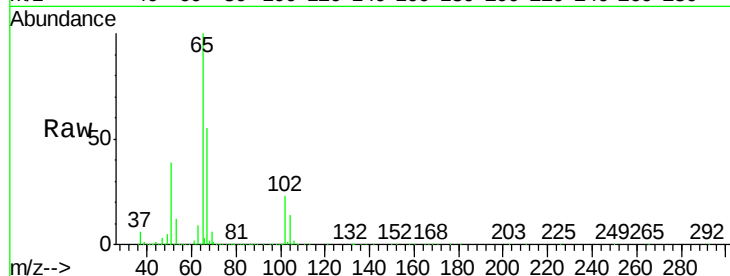
67 54.6 0.0 105.0

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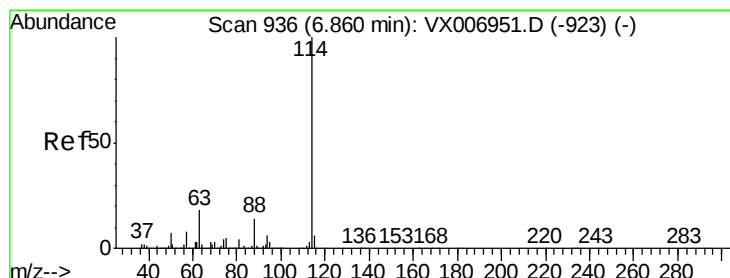
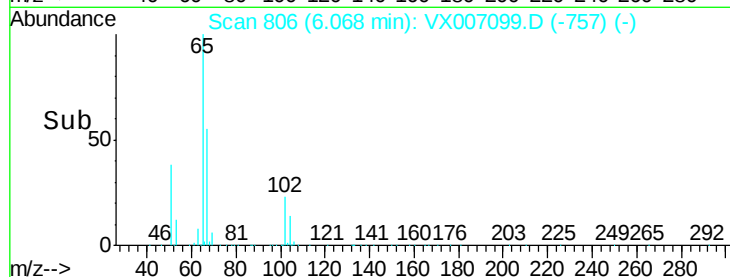
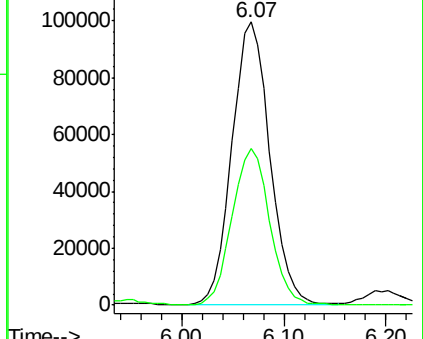
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

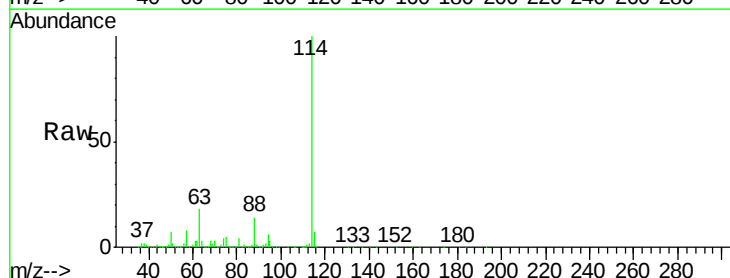
Tgt Ion: 114 Resp: 732681

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

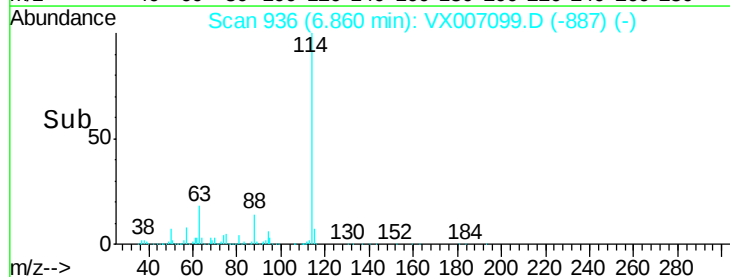
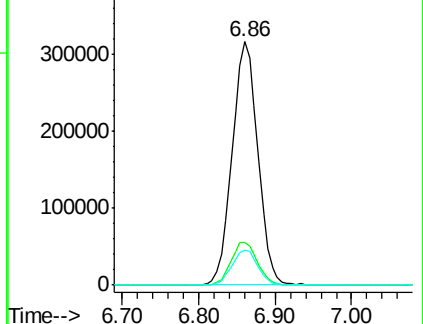
88 14.3 0.0 28.8

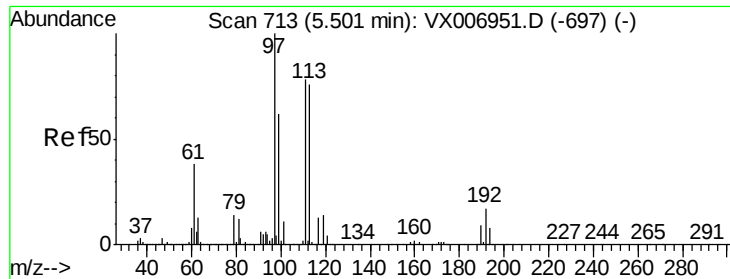


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.098 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

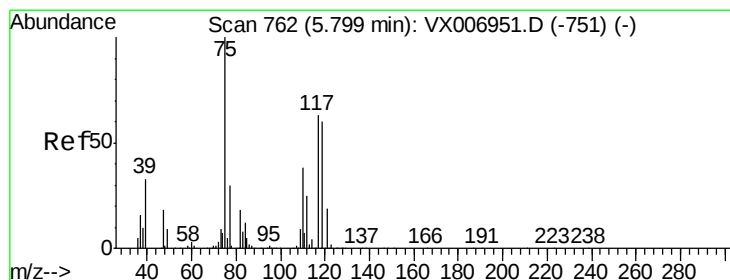
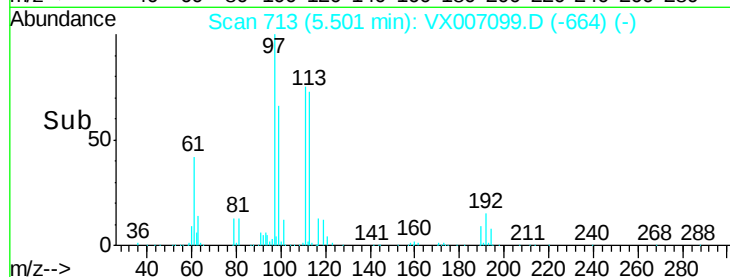
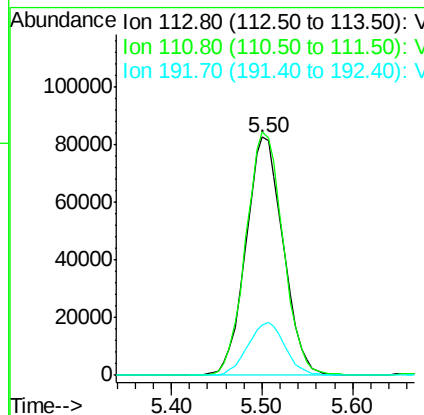
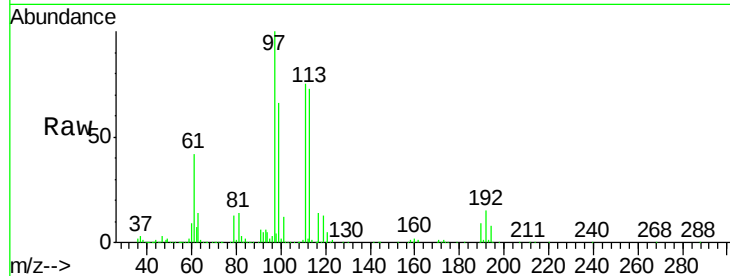
ClientSampleId :

SS038RW150-190115MS

Tot Ion:	113	Resp:	235064
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.6	122.4
192	22.3	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 47.542 ug/l

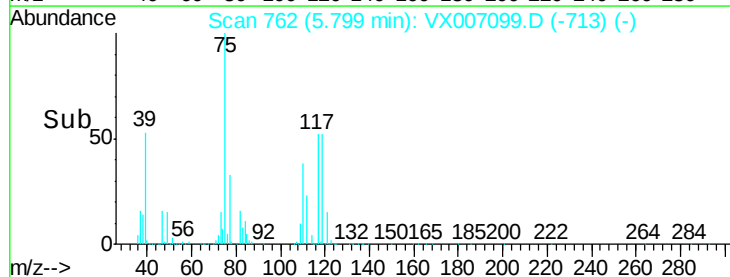
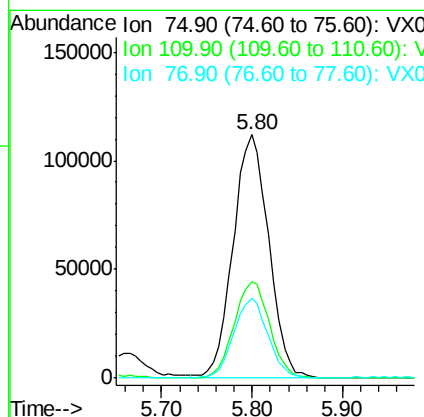
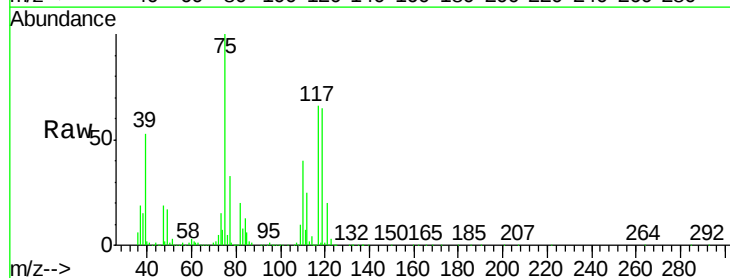
RT: 5.80 min Scan# 762

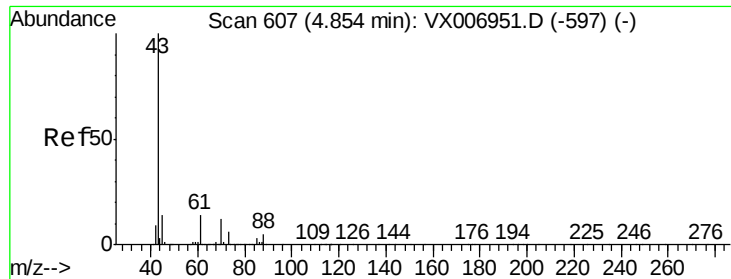
Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Tgt Ion:	75	Resp:	302844
Ion Ratio	Lower	Upper	
75	100		
110	39.9	20.2	60.5
77	31.4	24.8	37.2





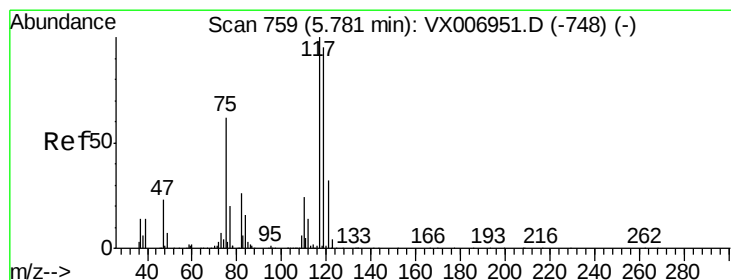
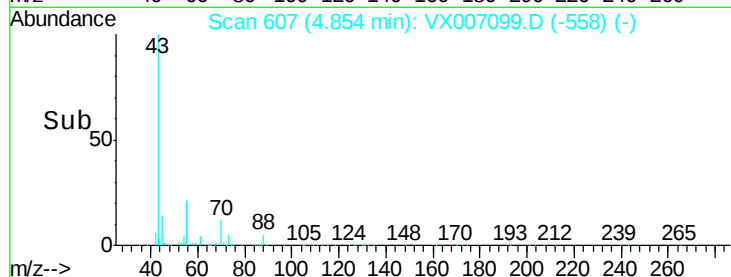
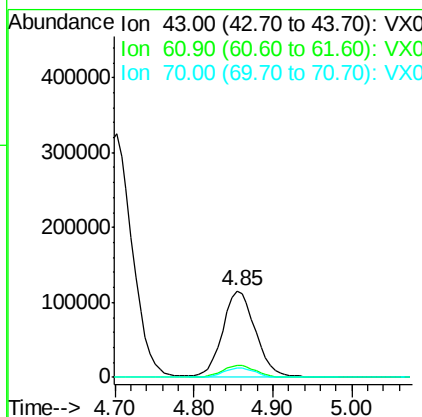
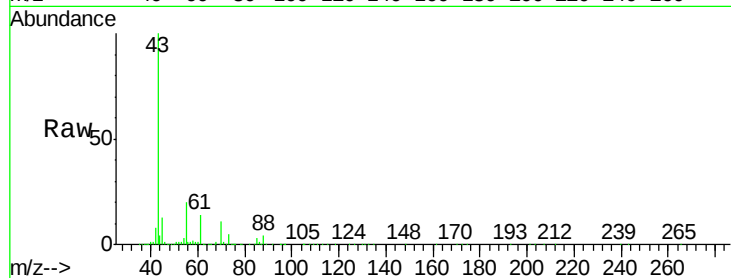
#37
Ethyl Acetate
Concen: 48.700 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.9	17.9
70	11.1	9.7	14.5

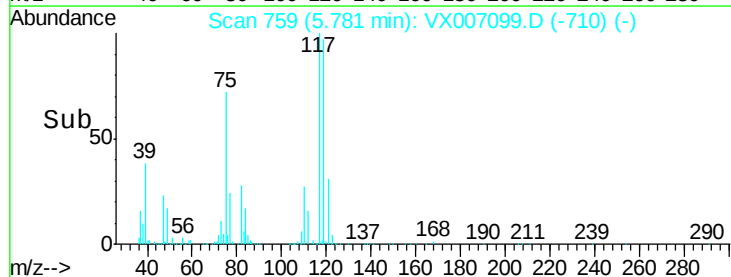
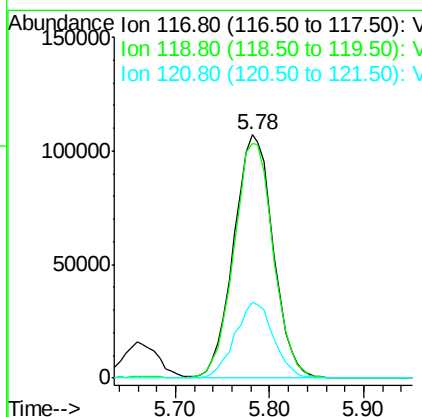
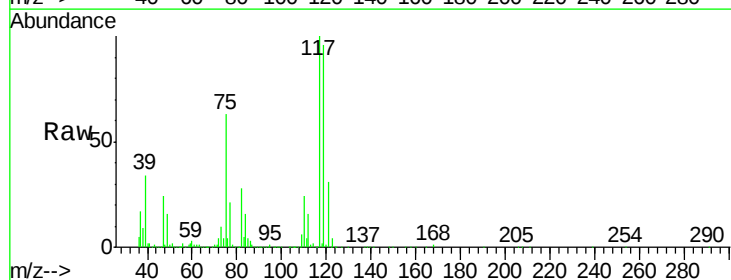
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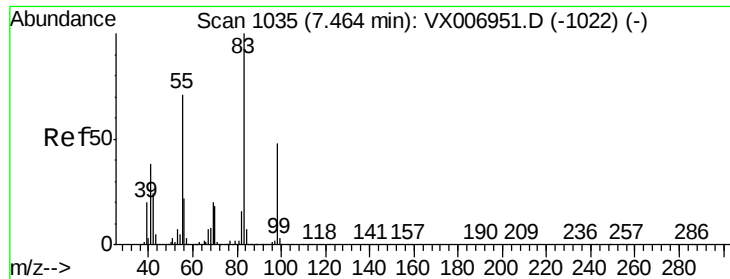
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#38
Carbon Tetrachloride
Concen: 48.771 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	79.4	119.2
121	31.1	24.0	36.0





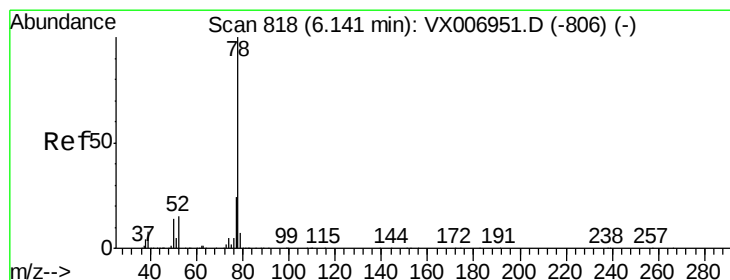
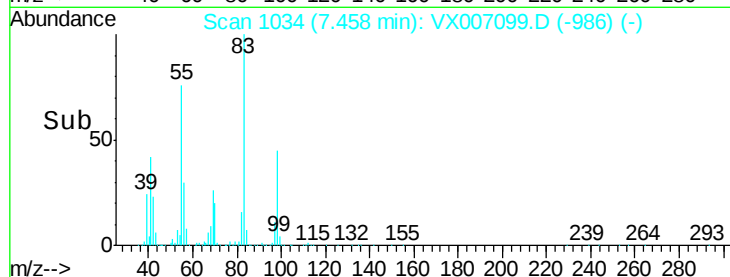
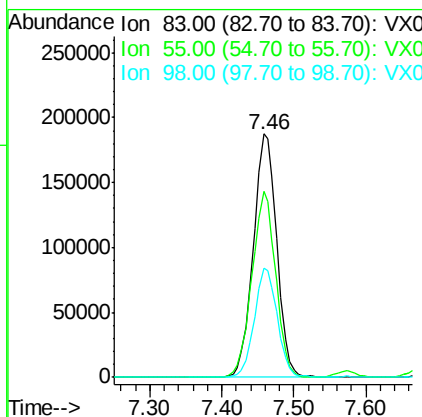
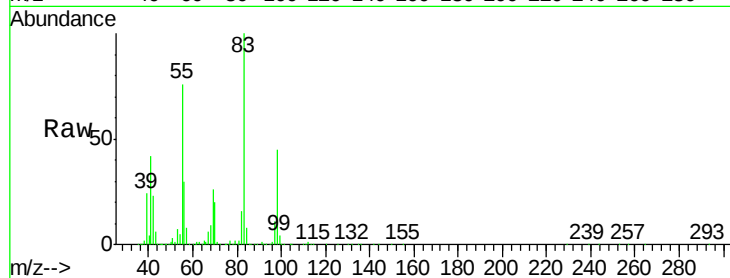
#39
Methvlcvclohexane
Concen: 52.288 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	54.9	82.3
98	45.1	37.9	56.9

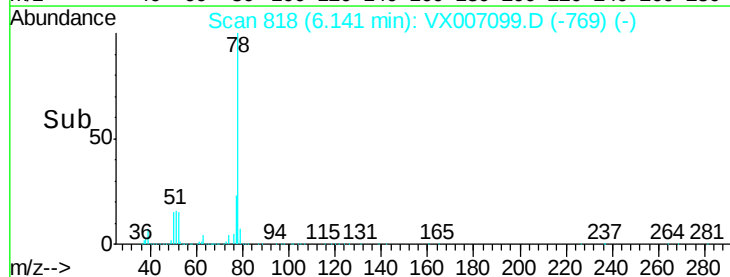
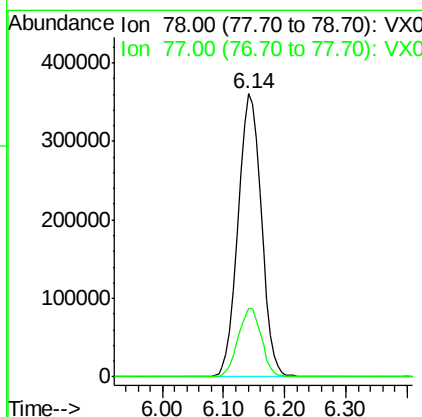
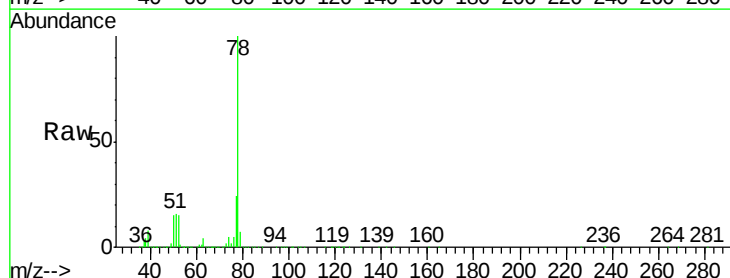
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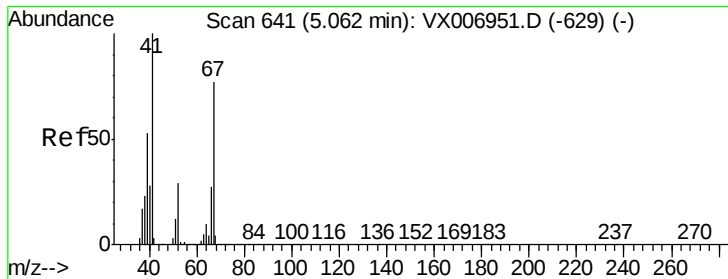
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#40
Benzene
Concen: 48.735 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.2	28.8





#41

Methacrylonitrile

Concen: 48.589 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

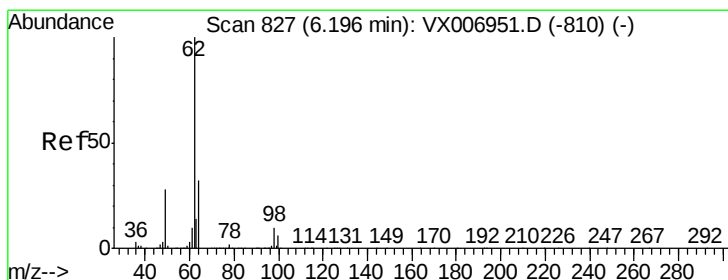
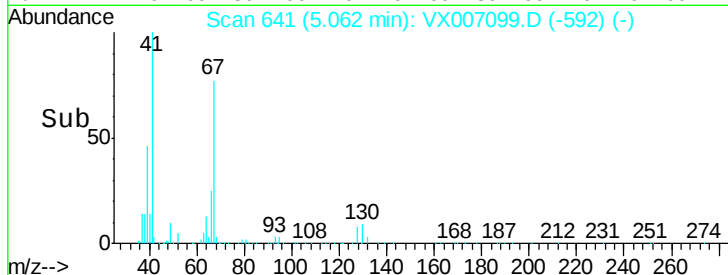
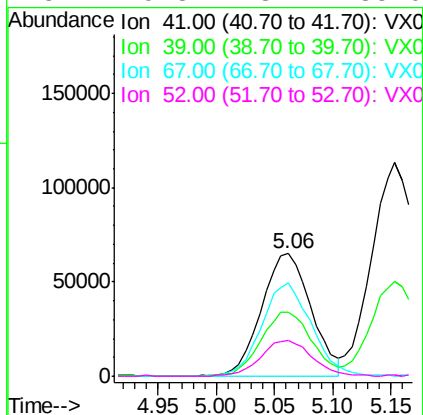
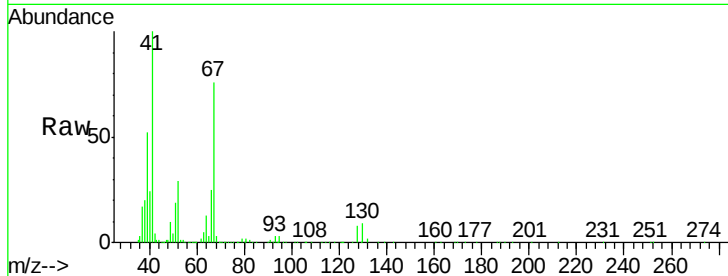
ClientSampleId :

SS038RW150-190115MS

Tot Ion	Ion	Ratio	Lower	Upper
191160	41	100		
	39	53.6	42.8	64.2
	67	76.9	62.1	93.1
	52	29.8	23.4	35.0

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#42

1,2-Dichloroethane

Concen: 48.757 ug/l

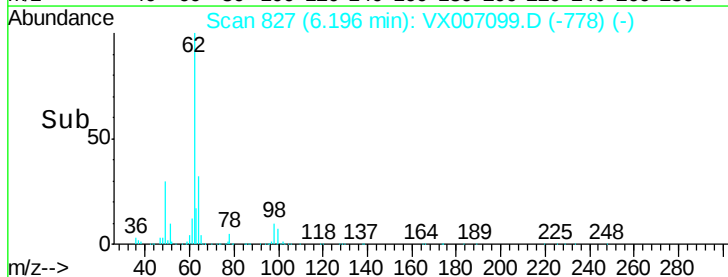
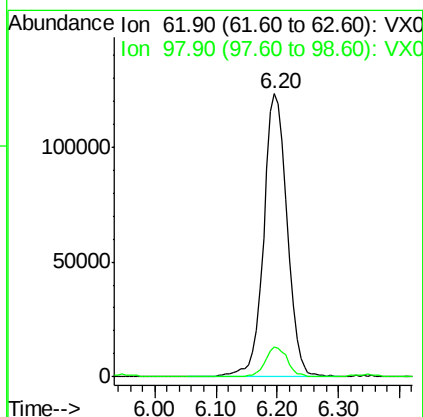
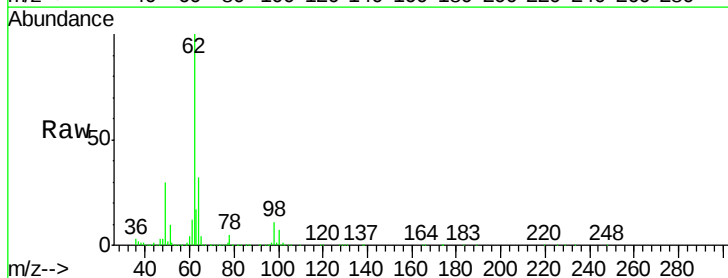
RT: 6.20 min Scan# 827

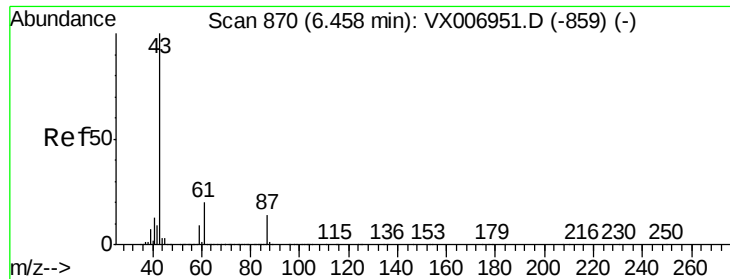
Delta R.T. 0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Tgt Ion	Ion	Ratio	Lower	Upper
327484	62	100		
	98	10.2	0.0	20.2





#43

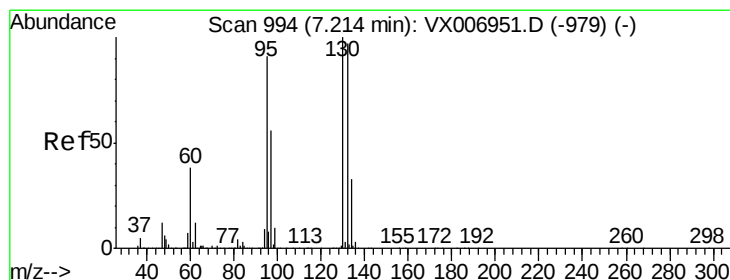
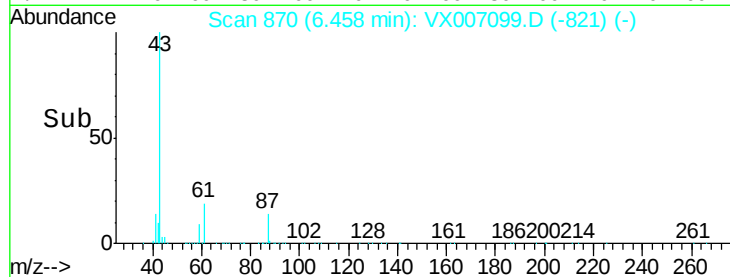
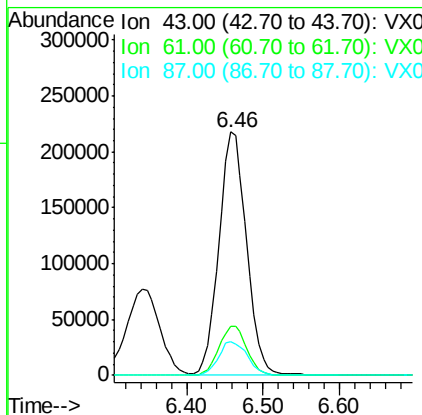
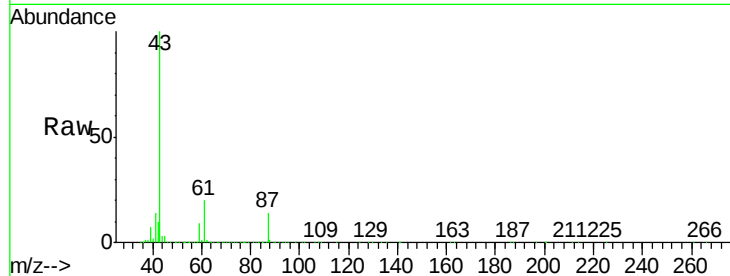
Isopropyl Acetate
 Concen: 50.265 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007099.D
 Acq: 17 Jan 2019 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW150-190115MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.8	25.2
87	14.5	12.4	18.6

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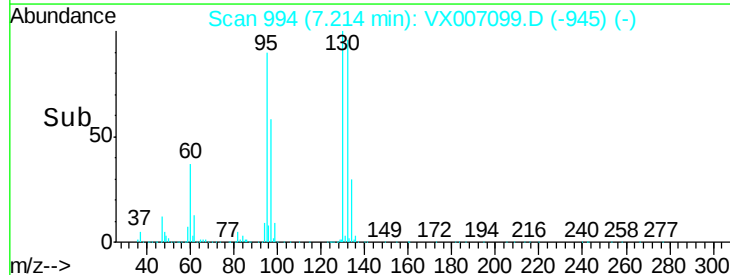
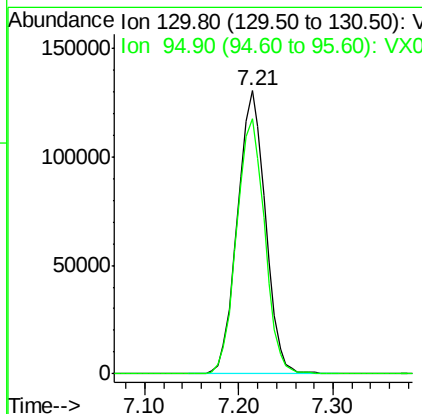
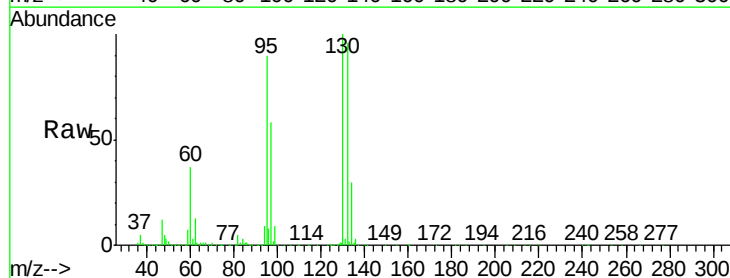
MMDadoda
 1/18/2019 10:24:25 AM

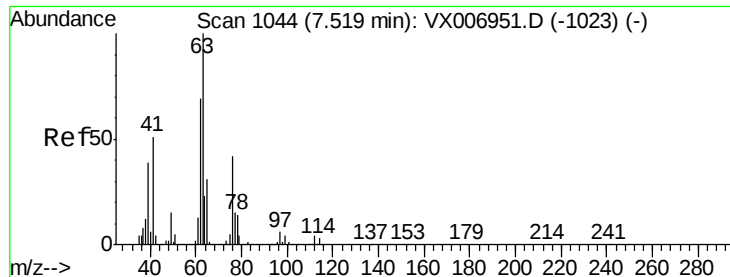


#44

Trichloroethene
 Concen: 46.536 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007099.D
 Acq: 17 Jan 2019 19:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	187.0





#45

1,2-Dichloropropane

Concen: 50.057 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MS

Tot Ion: 63 Resp: 244606

Ion Ratio Lower Upper

63 100

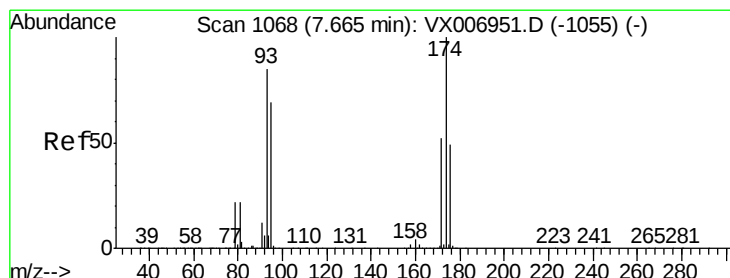
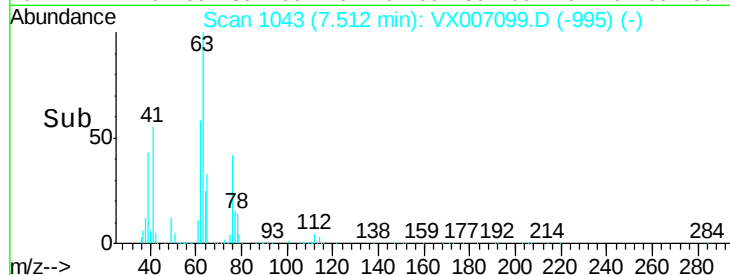
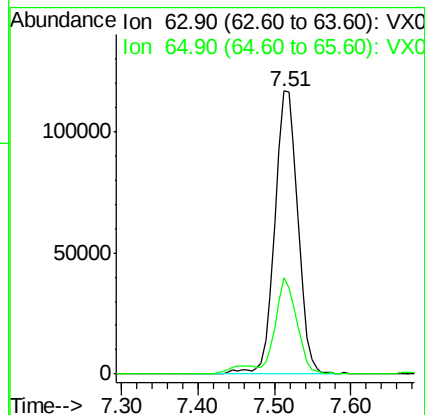
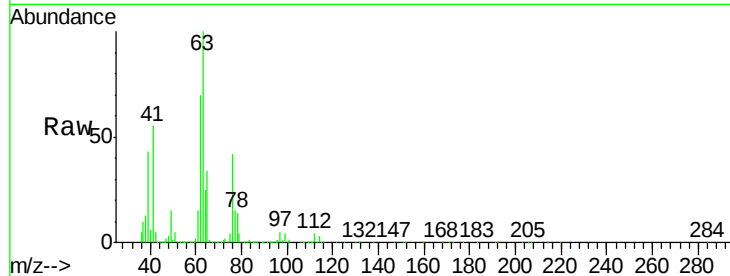
65 33.8 25.4 38.0

Manual Integrations

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#46

Dibromomethane

Concen: 50.241 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

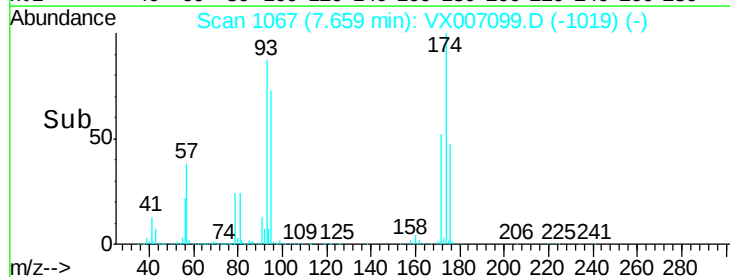
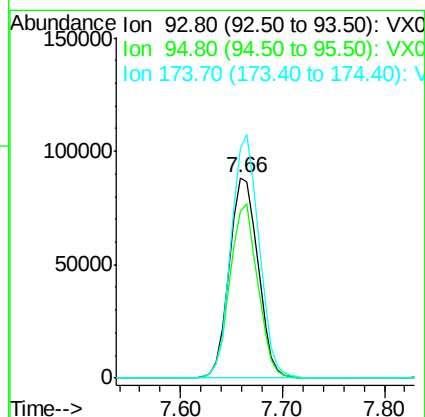
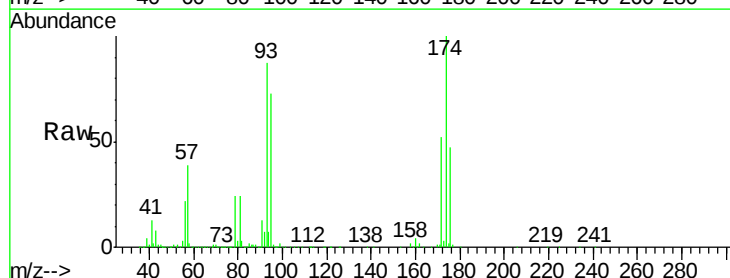
Tgt Ion: 93 Resp: 172541

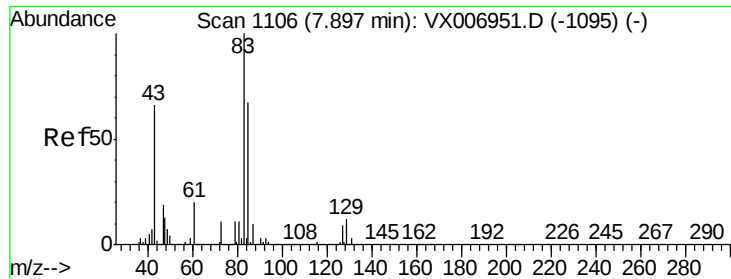
Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.4

174 117.6 91.0 136.4





#47

Bromodichloromethane

Concen: 53.343 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

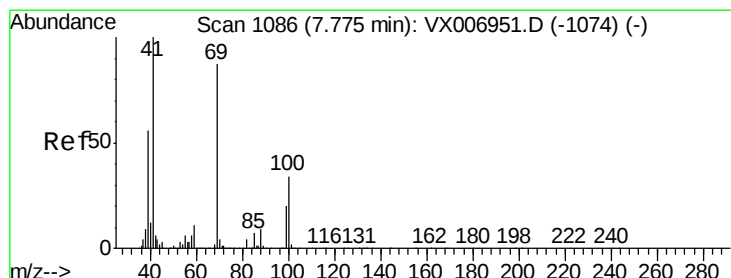
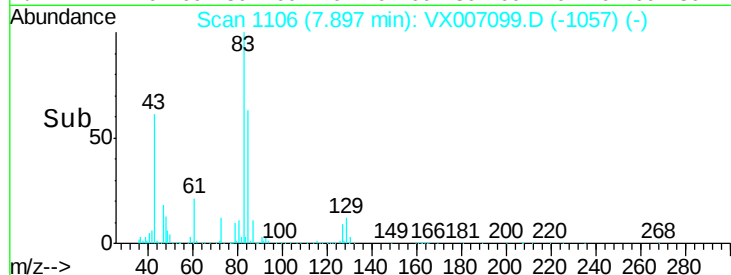
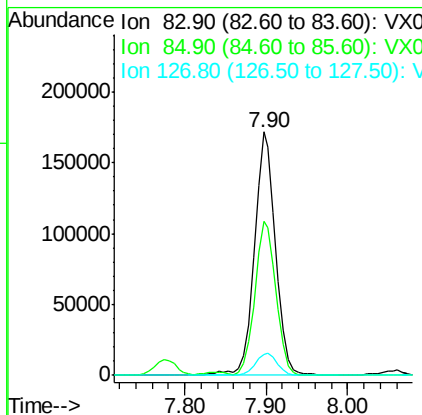
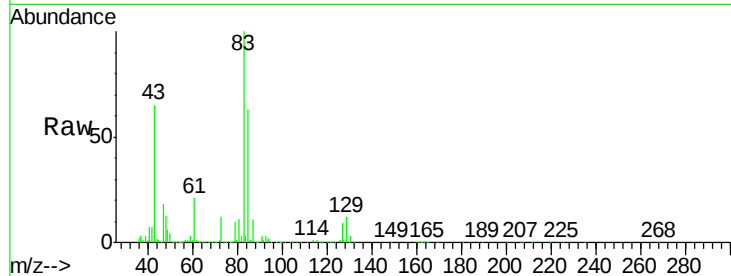
ClientSampleId :

SS038RW150-190115MS

Tot Ion:	83	Resp:	311822
Ion	Ratio	Lower	Upper
83	100		
85	63.1	53.2	79.8
127	8.8	7.8	11.6

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#48

Methyl methacrylate

Concen: 50.959 ug/l

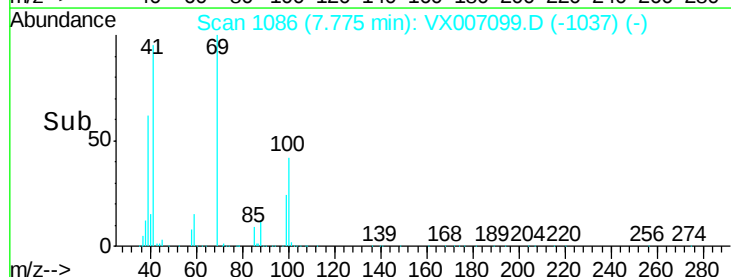
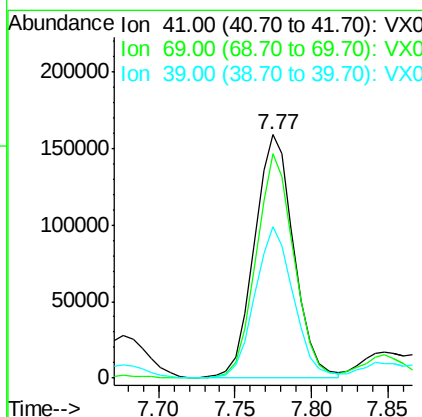
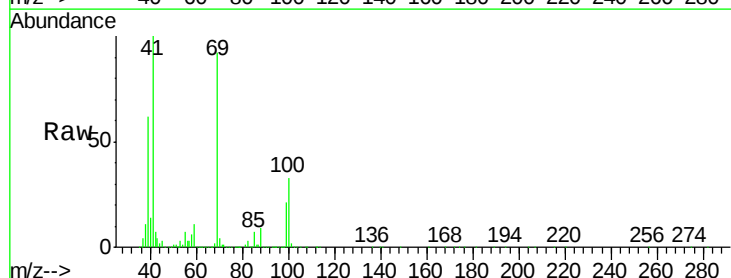
RT: 7.77 min Scan# 1086

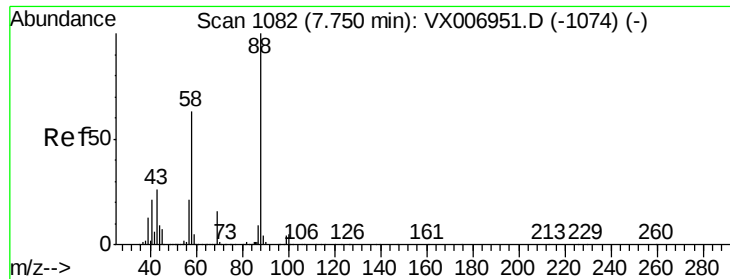
Delta R.T. 0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Tgt Ion:	41	Resp:	281903
Ion	Ratio	Lower	Upper
41	100		
69	89.1	72.4	108.6
39	60.9	45.8	68.8





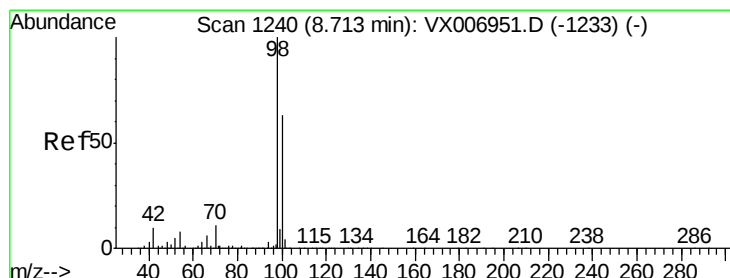
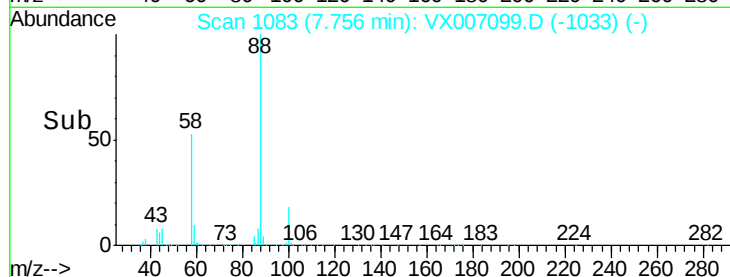
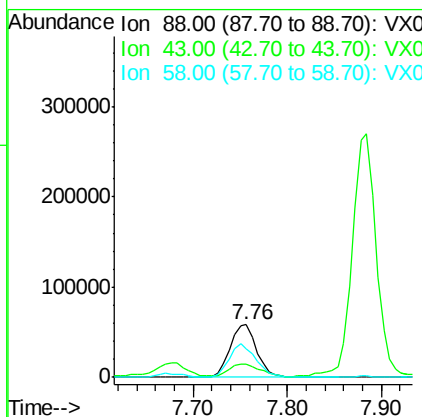
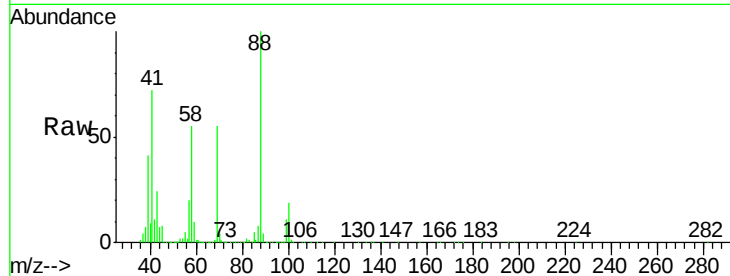
#49
1,4-Dioxane
Concen: 899.750 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.1	22.2	33.4
58	62.7	51.0	76.4

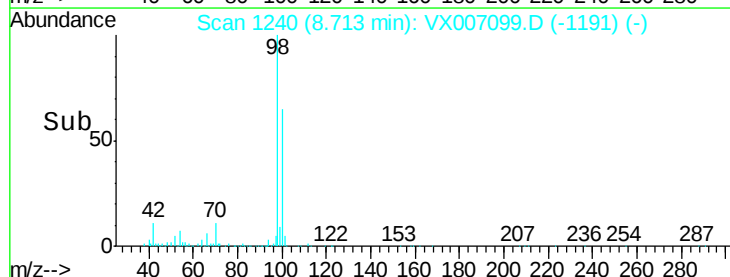
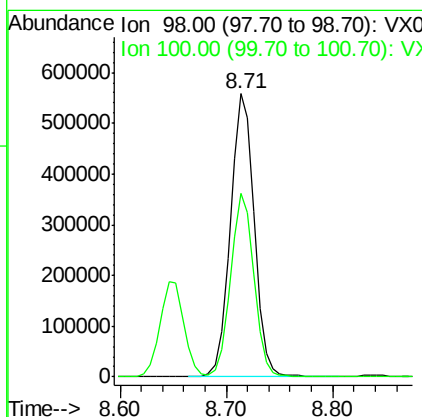
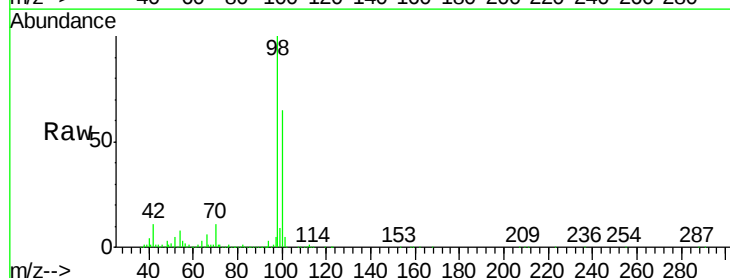
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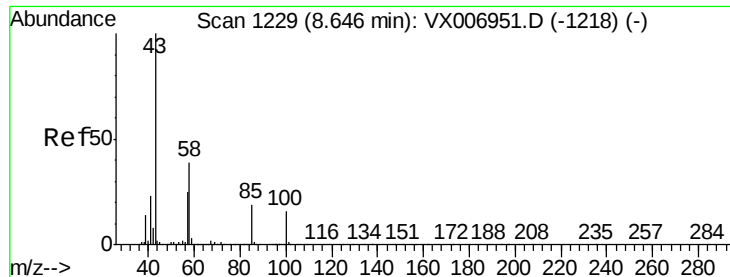
MMDadoda
1/18/2019 10:24:25 AM



#50
Toluene-d8
Concen: 50.859 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 268.216 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MS

Tot Ion: 43 Resp: 1856835

Ion Ratio Lower Upper

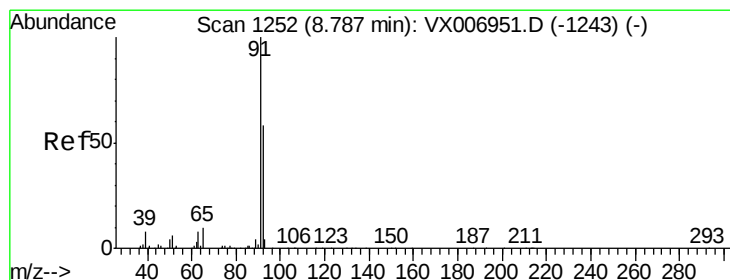
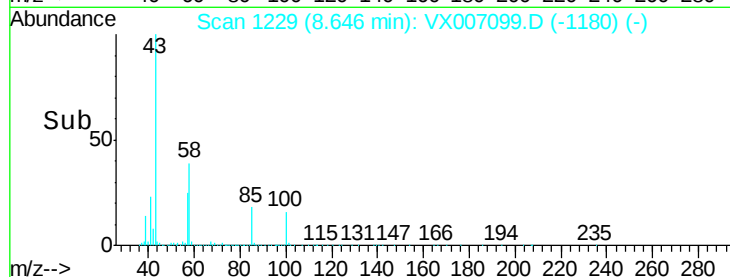
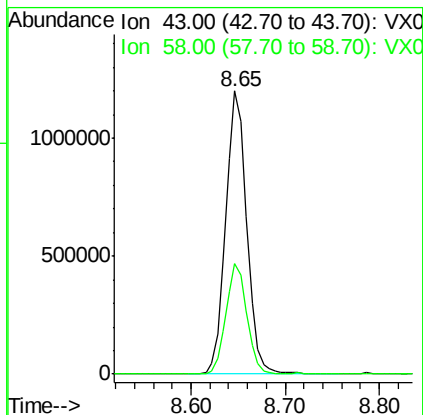
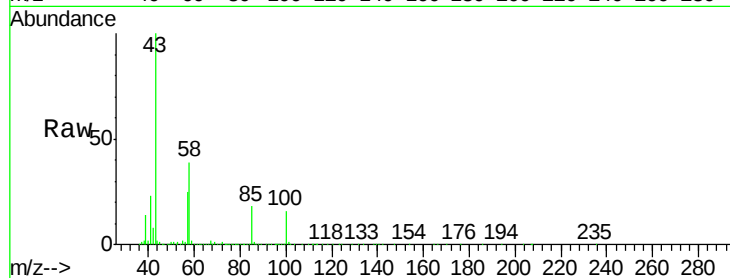
43 100

58 38.7 31.8 47.6

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#52

Toluene

Concen: 49.581 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007099.D

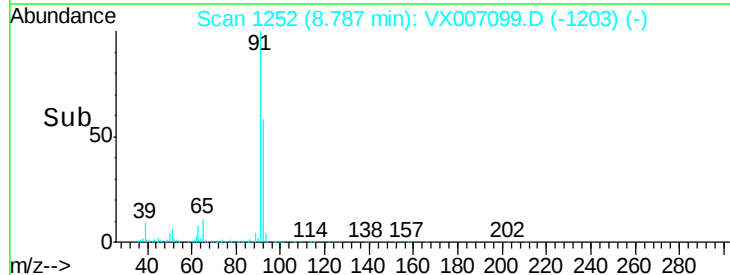
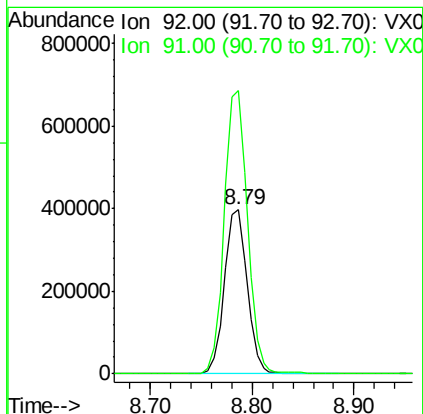
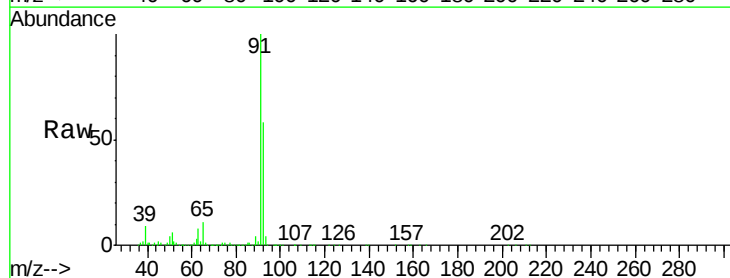
Acq: 17 Jan 2019 19:49

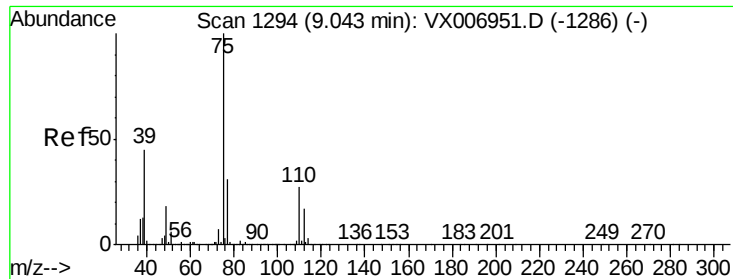
Tgt Ion: 92 Resp: 619410

Ion Ratio Lower Upper

92 100

91 174.9 137.6 206.4





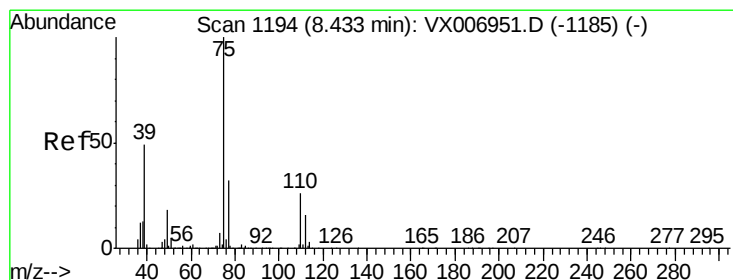
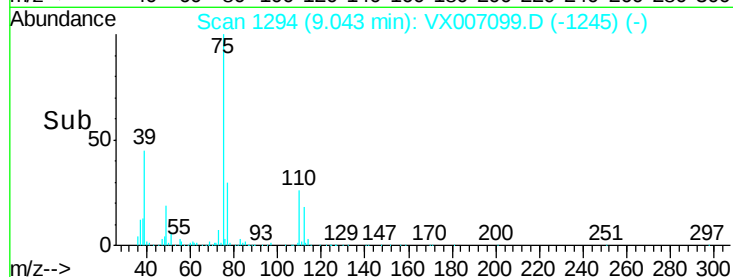
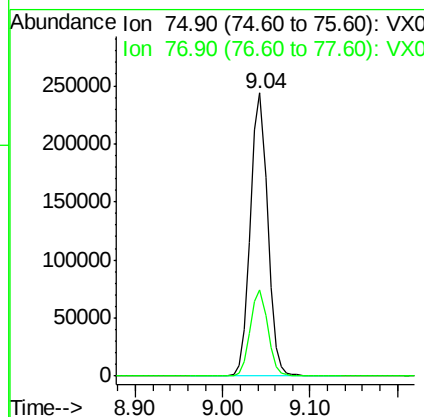
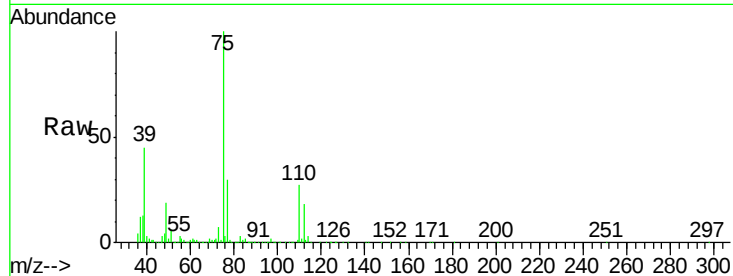
#53
t-1,3-Dichloropropene
Concen: 51.346 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.4	38.0

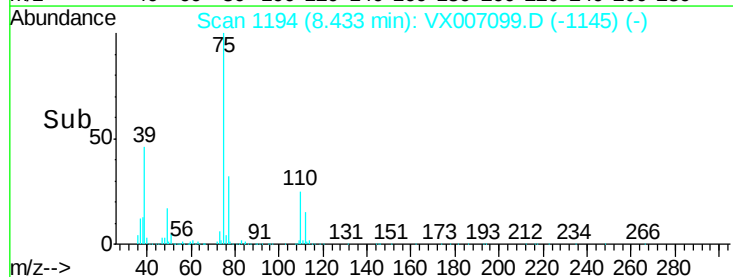
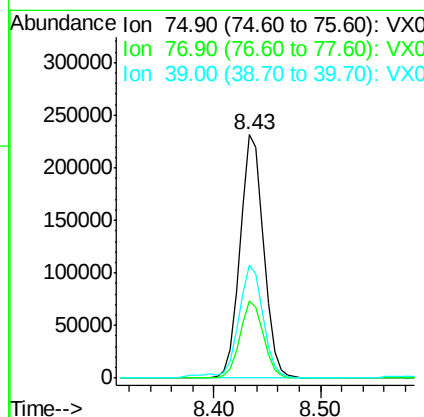
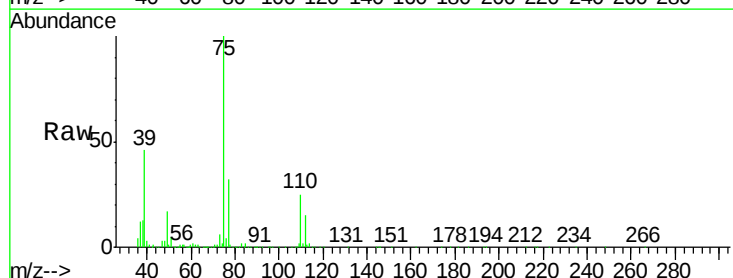
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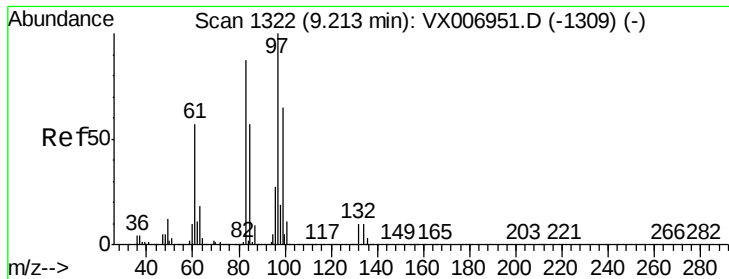
MMDadoda
1/18/2019 10:24:25 AM



#54
cis-1,3-Dichloropropene
Concen: 50.465 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.2	39.2
39	45.9	36.7	55.1





#55

1,1,2-Trichloroethane

Concen: 52.088 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

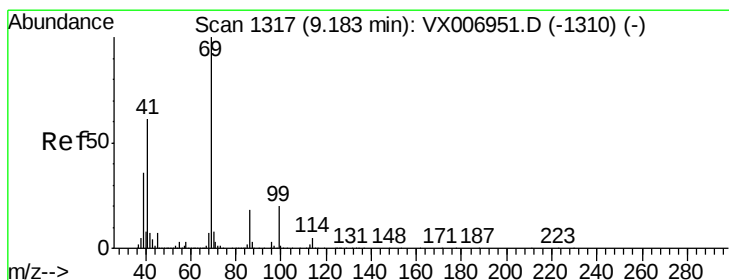
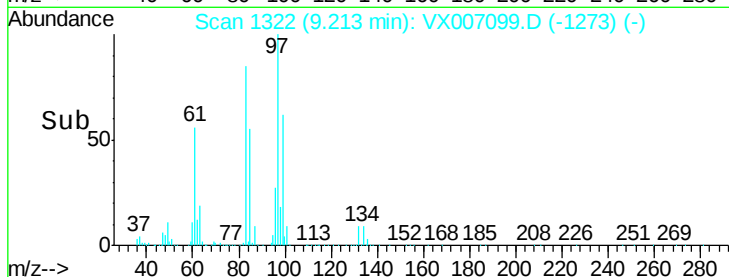
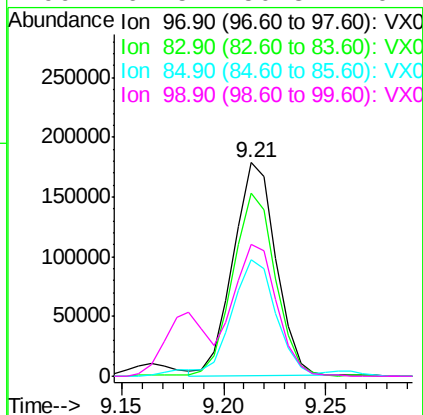
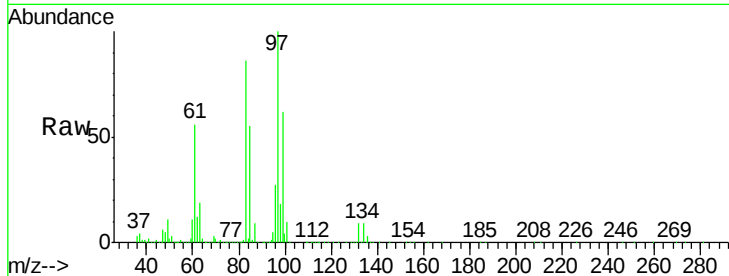
ClientSampleId :

SS038RW150-190115MS

Tot Ion:	97	Resp:	260464
Ion	Ratio	Lower	Upper
97	100		
83	85.8	66.6	99.8
85	52.8	42.7	64.1
99	61.5	50.8	76.2

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#56

Ethyl methacrylate

Concen: 54.231 ug/l

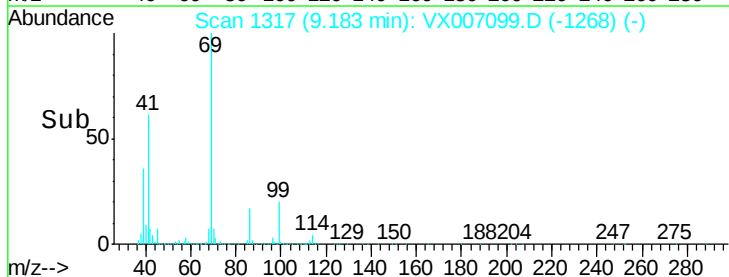
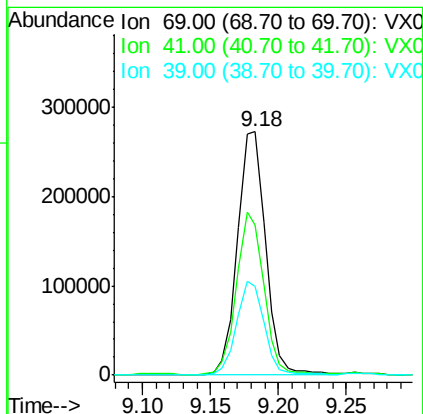
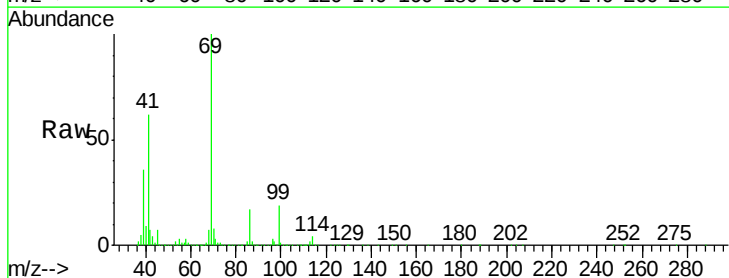
RT: 9.18 min Scan# 1317

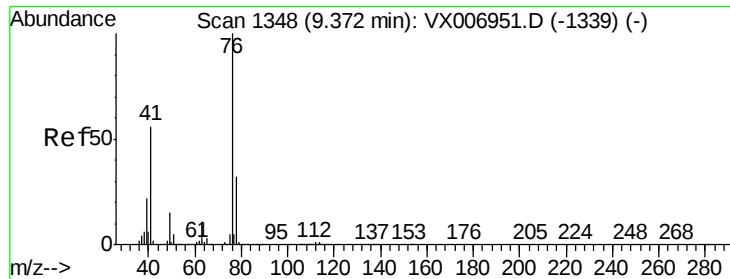
Delta R.T. 0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Tgt Ion:	69	Resp:	395881
Ion	Ratio	Lower	Upper
69	100		
41	64.3	48.7	73.1
39	37.2	27.0	40.6





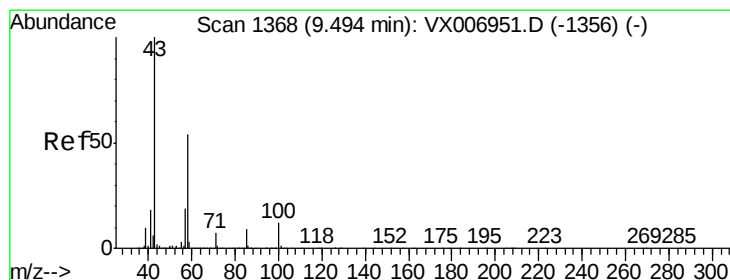
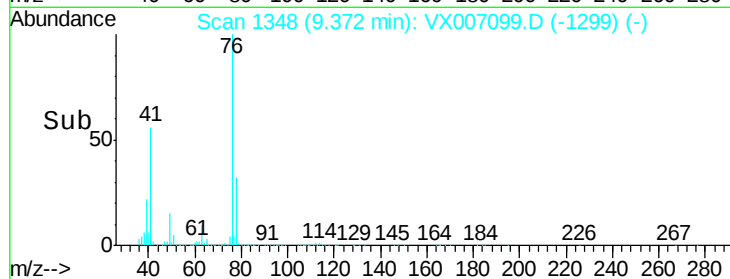
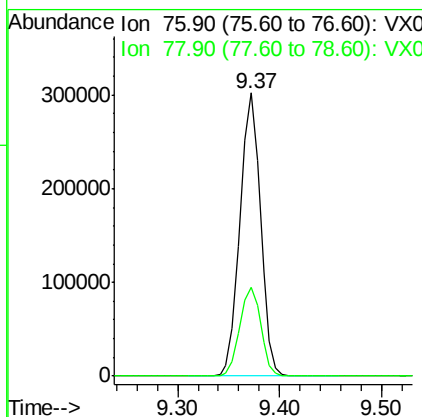
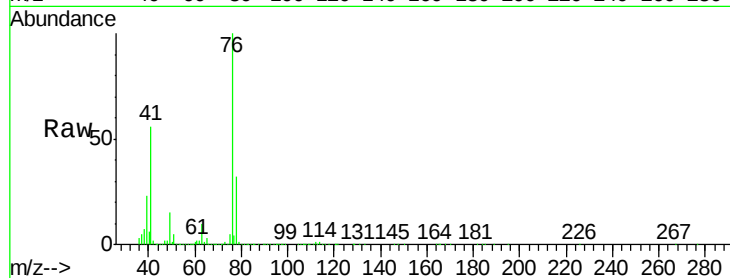
#57
 1,3-Dichloropropane
 Concen: 51.400 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007099.D
 Acq: 17 Jan 2019 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW150-190115MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.0	39.0

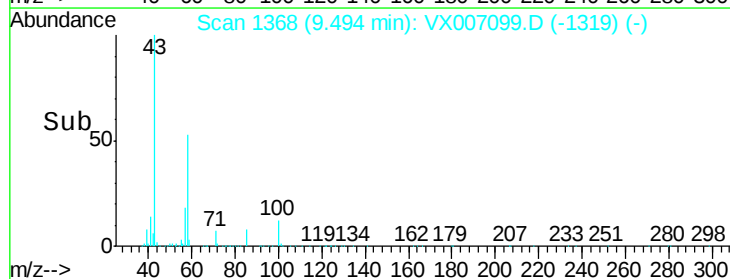
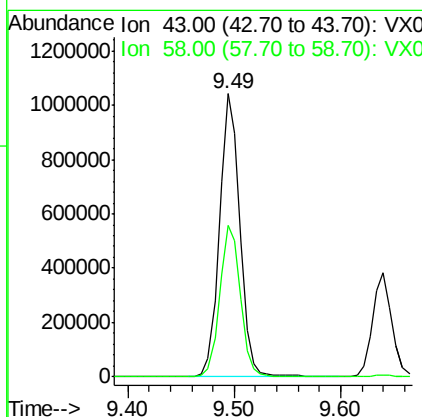
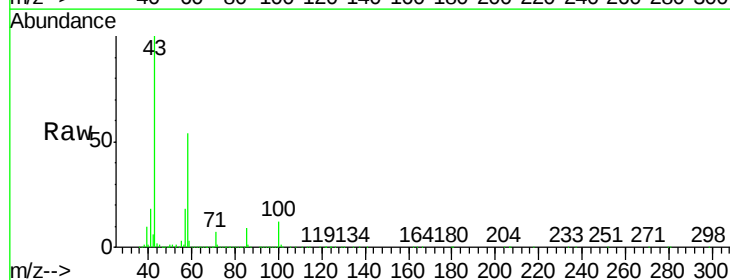
Manual Integrations
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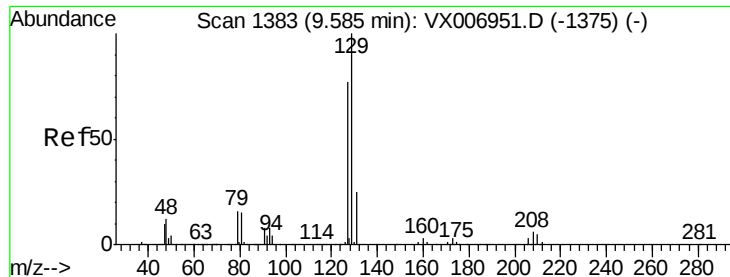
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#59
 2-Hexanone
 Concen: 261.252 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VX007099.D
 Acq: 17 Jan 2019 19:49

Tgt Ion	Ratio	Lower	Upper
43	100		
58	54.5	27.7	83.1





#60

Dibromochloromethane

Concen: 55.445 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MS

Tot Ion:129 Resp: 269217

Ion Ratio Lower Upper

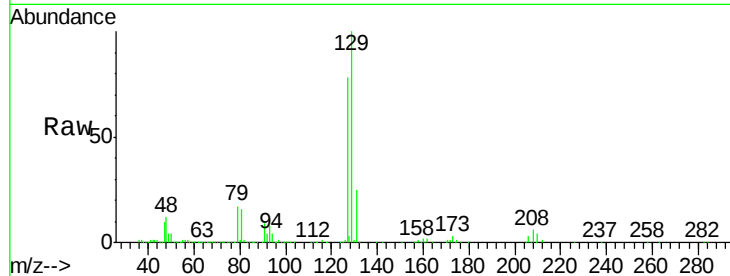
129 100

127 77.2 39.3 117.8

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

200000

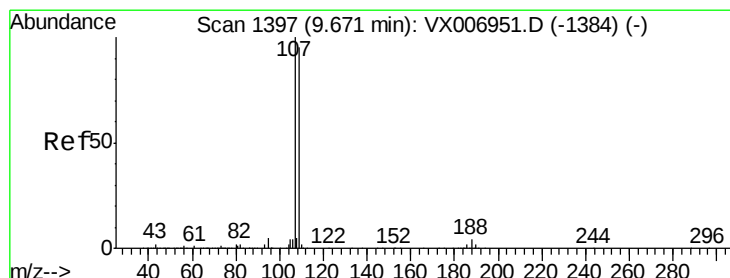
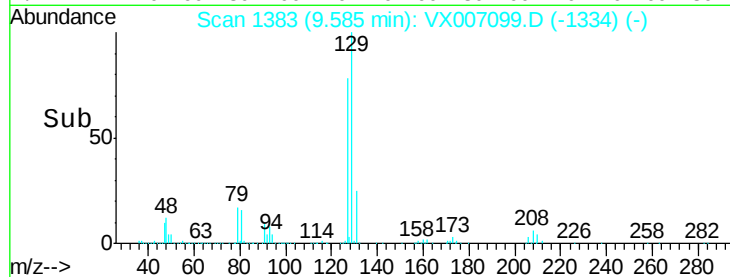
150000

100000

50000

0

Time--> 9.50 9.55 9.60 9.65



#61

1,2-Dibromoethane

Concen: 51.339 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007099.D

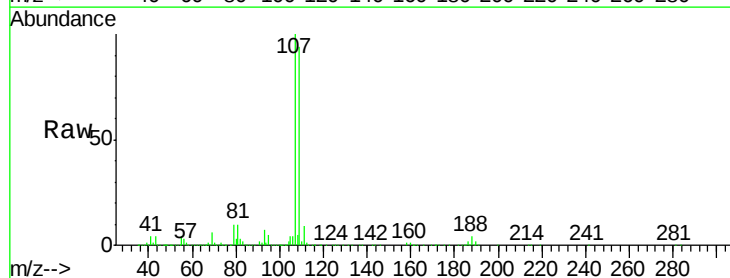
Acq: 17 Jan 2019 19:49

Tgt Ion:107 Resp: 282620

Ion Ratio Lower Upper

107 100

109 95.0 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

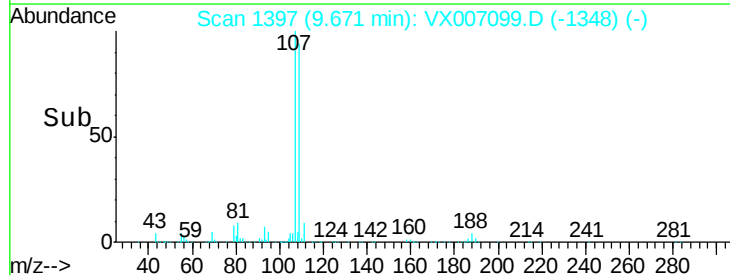
150000

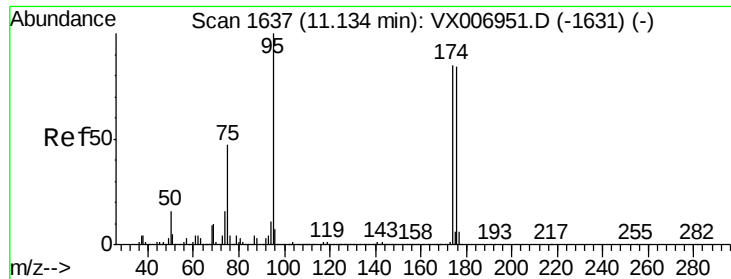
100000

50000

0

Time--> 9.60 9.70 9.80





#62

4-Bromofluorobenzene

Concen: 52.088 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

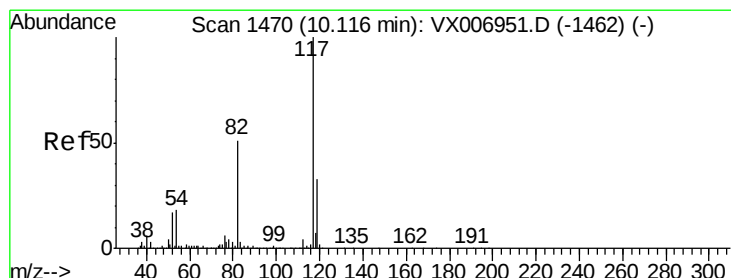
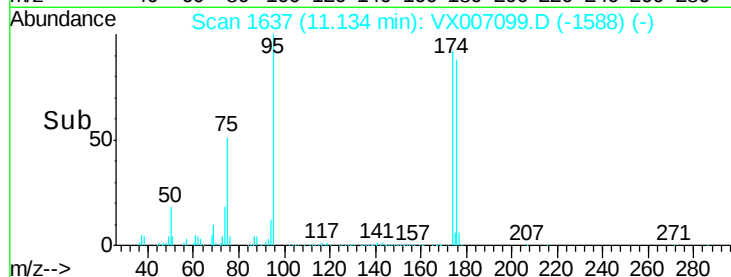
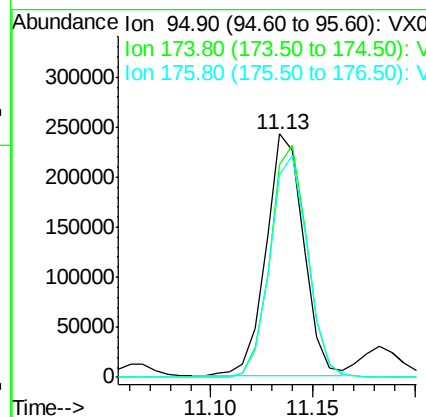
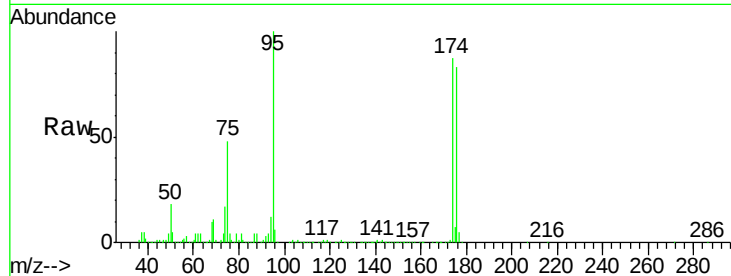
ClientSampleId :

SS038RW150-190115MS

Tot Ion:	95	Resp:	311869
Ion	Ratio	Lower	Upper
95	100		
174	94.9	0.0	182.2
176	91.6	0.0	178.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

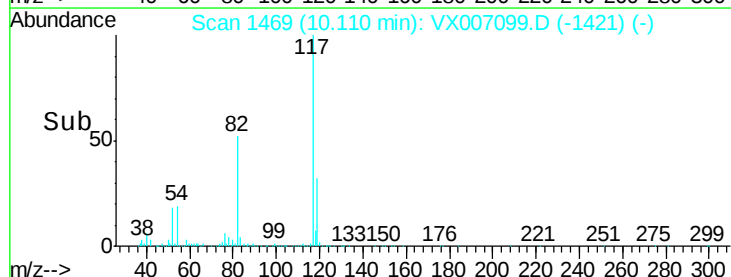
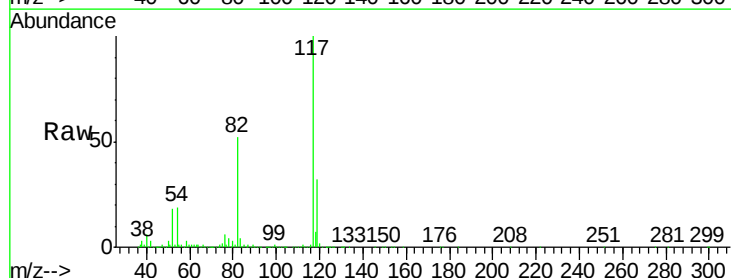
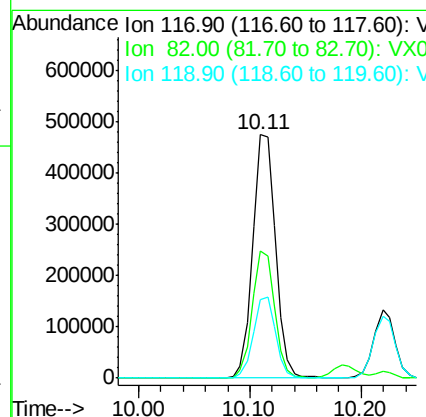
RT: 10.11 min Scan# 1469

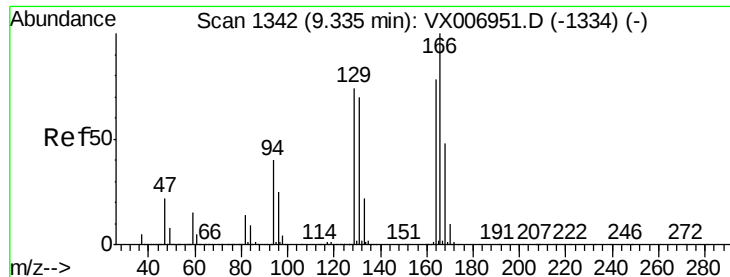
Delta R.T. -0.01 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Tgt Ion:	117	Resp:	676310
Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.0	61.6
119	32.2	25.4	38.0





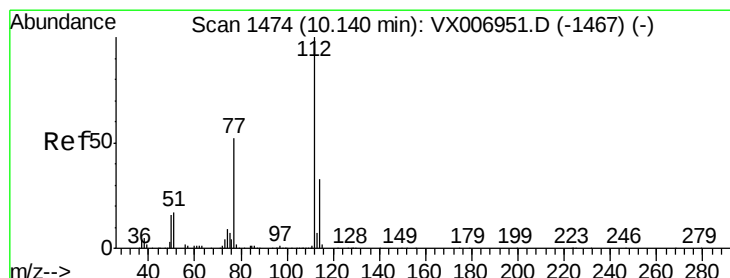
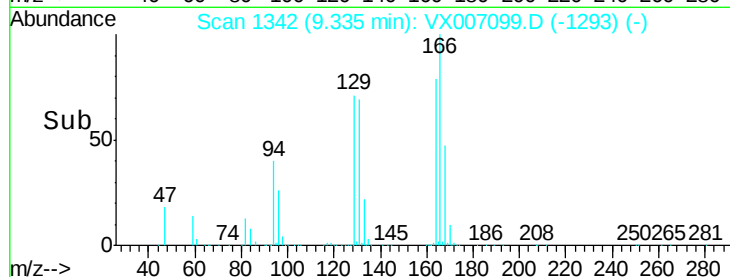
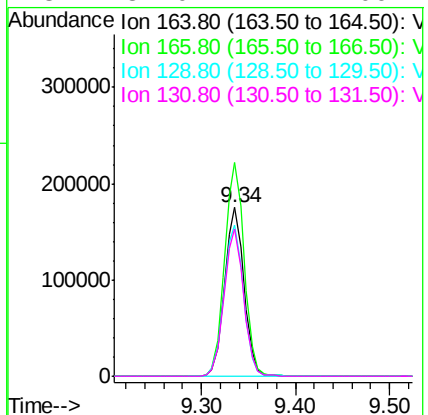
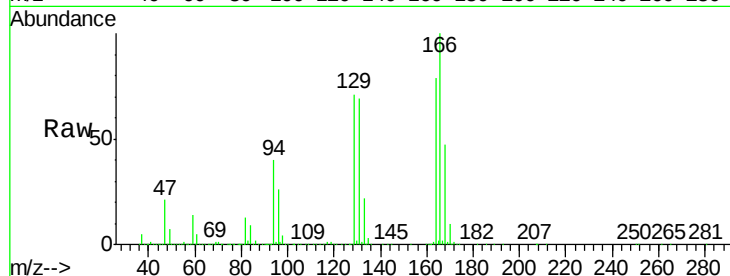
#64
Tetrachloroethene
Concen: 42.573 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.6	102.5	153.7
129	89.3	75.1	112.7
131	87.0	72.7	109.1

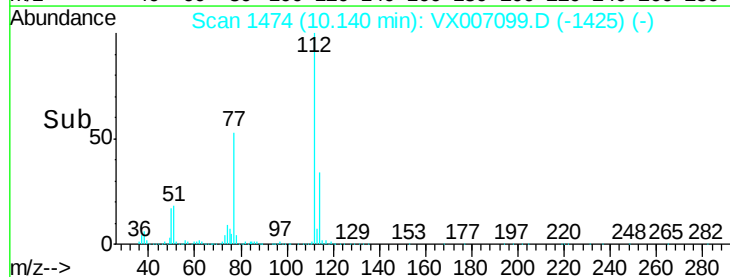
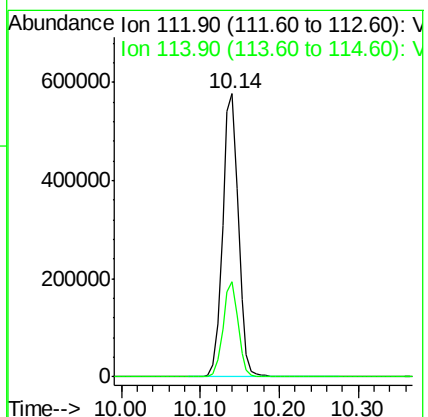
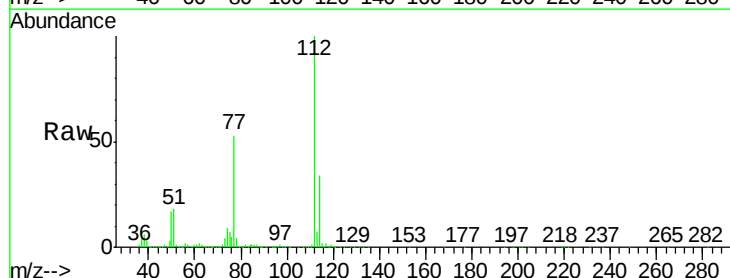
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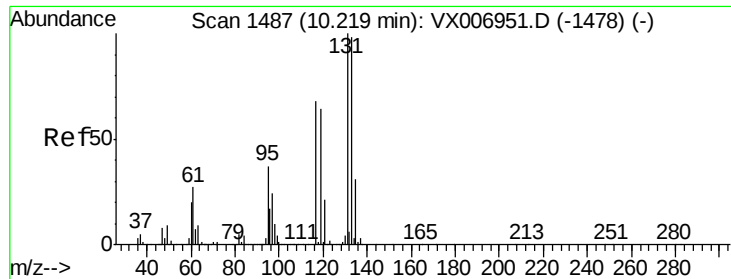
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#65
Chlorobenzene
Concen: 54.166 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.7	25.7	38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 52.071 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

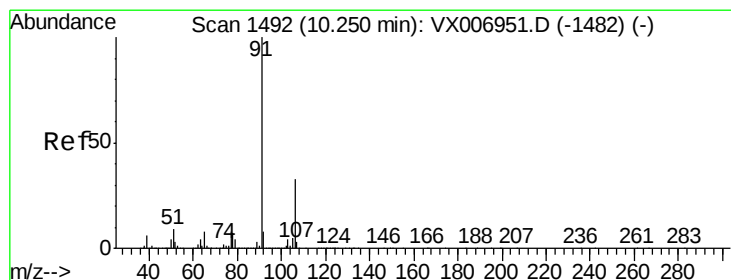
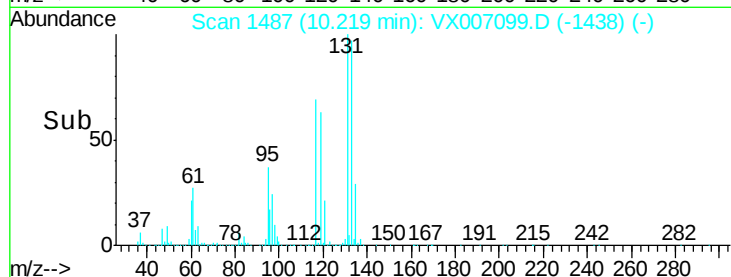
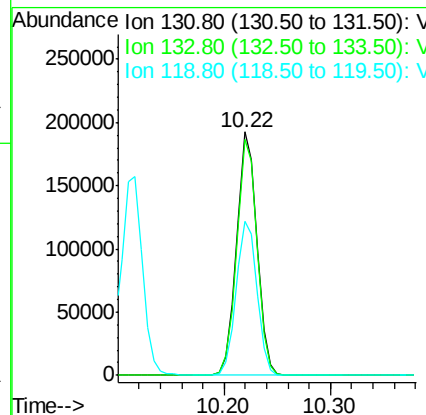
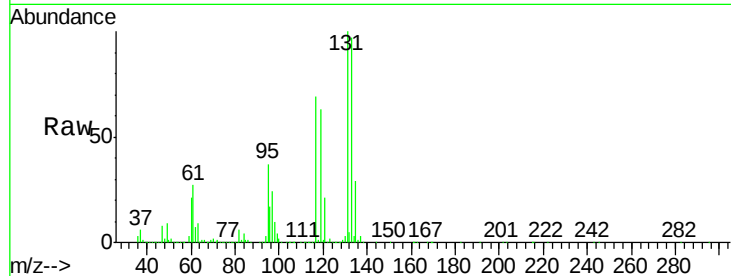
ClientSampleId :

SS038RW150-190115MS

Tot Ion:	131	Resp:	258386
Ion Ratio	Lower	Upper	
131	100		
133	97.2	48.0	144.2
119	64.9	32.6	97.8

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#67

Ethyl Benzene

Concen: 49.059 ug/l

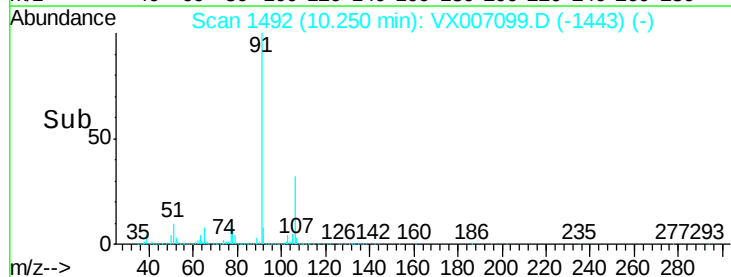
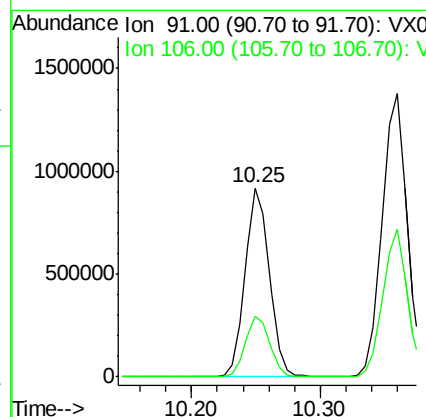
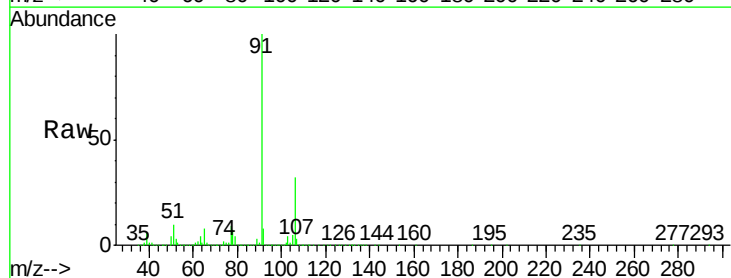
RT: 10.25 min Scan# 1492

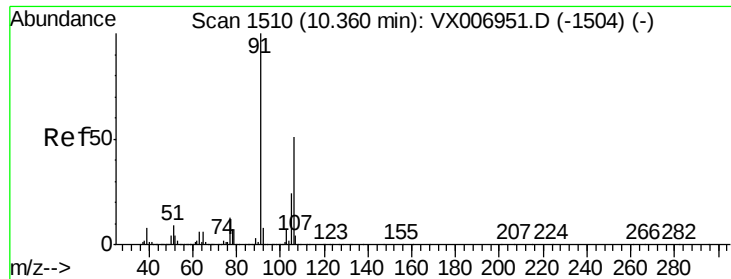
Delta R.T. 0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Tgt Ion:	91	Resp:	1194660
Ion Ratio	Lower	Upper	
91	100		
106	32.1	26.4	39.6





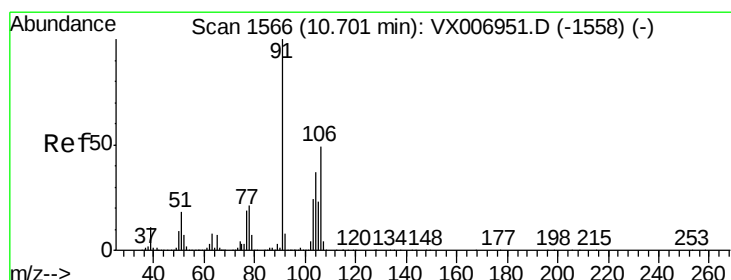
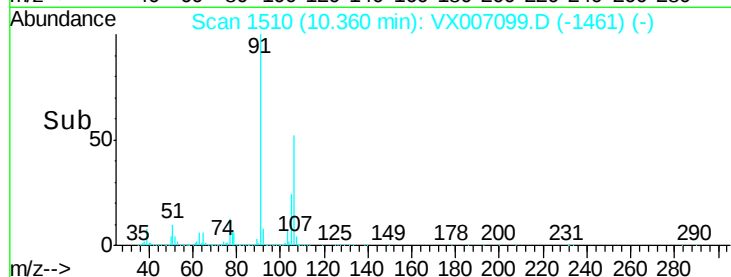
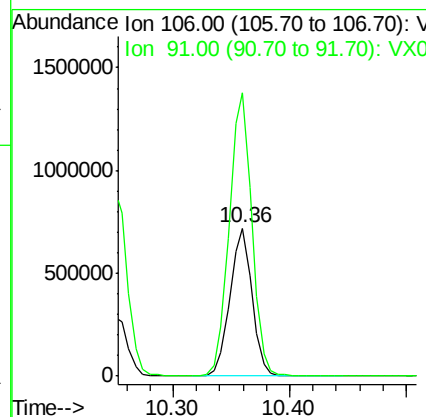
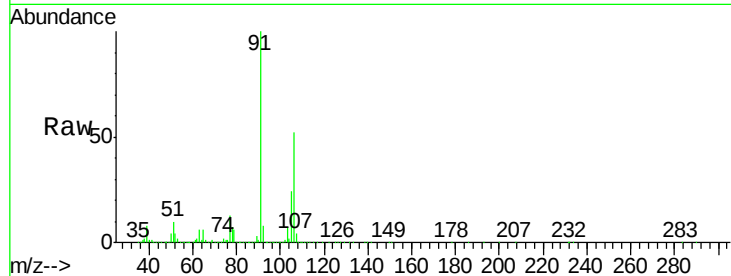
#68
m/p-Xylenes
Concen: 98.118 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MS

Tot Ion	Ratio	Resp	Lower	Upper
106	100	941355		
91	195.8	155.8	233.6	

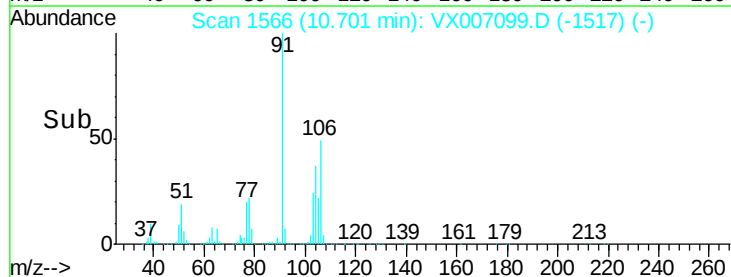
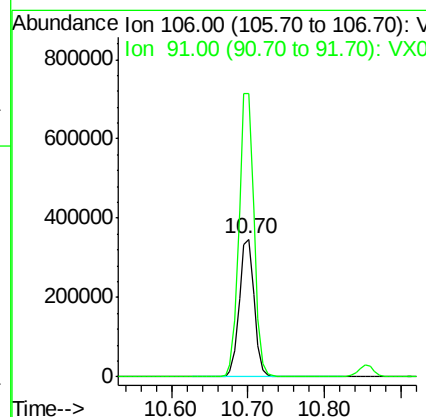
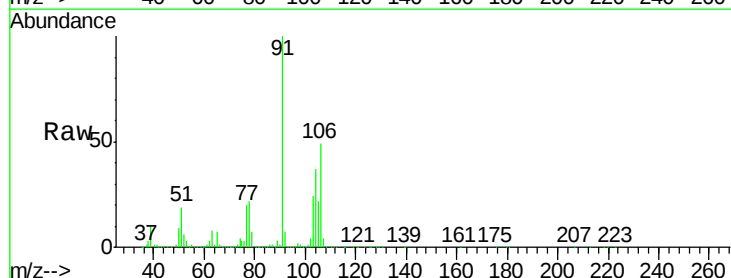
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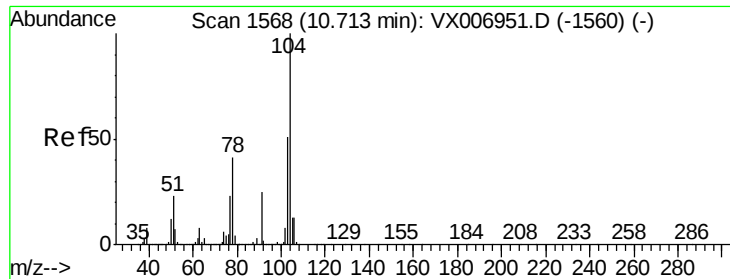
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#69
o-Xylene
Concen: 49.882 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	466730		
91	207.7	101.3	303.7	





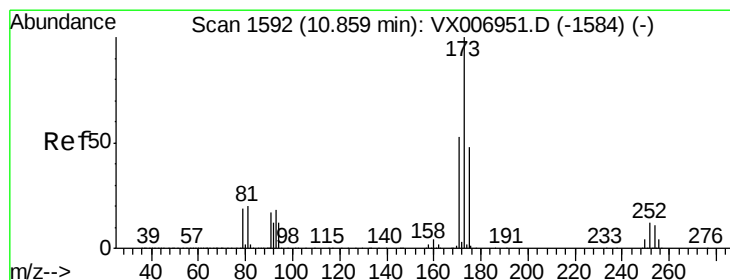
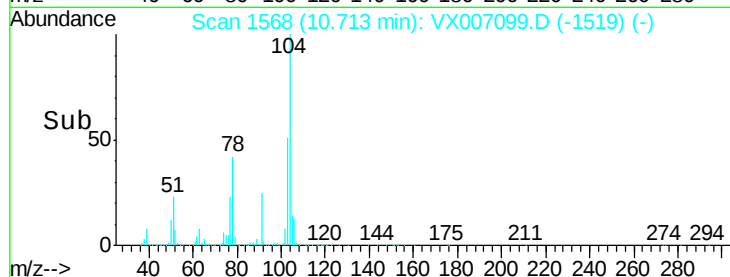
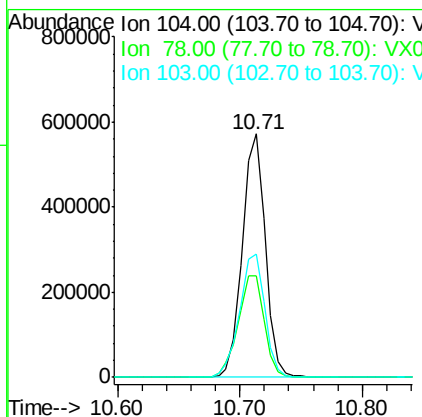
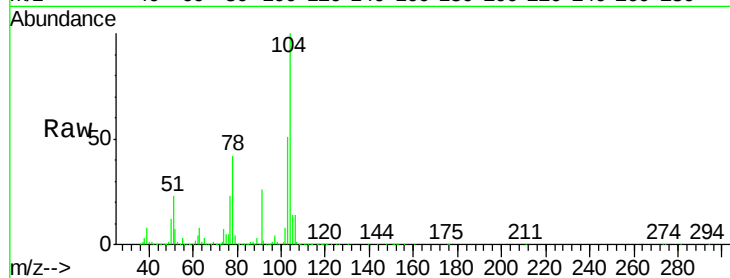
#70
Stvrene
Concen: 50.427 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.5	37.7	56.5
103	56.0	43.8	65.8

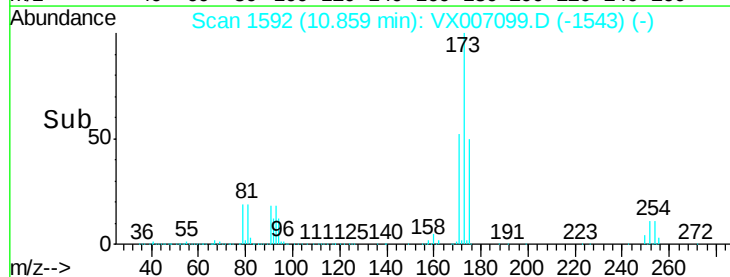
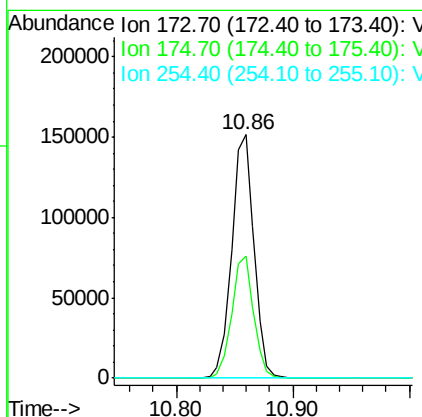
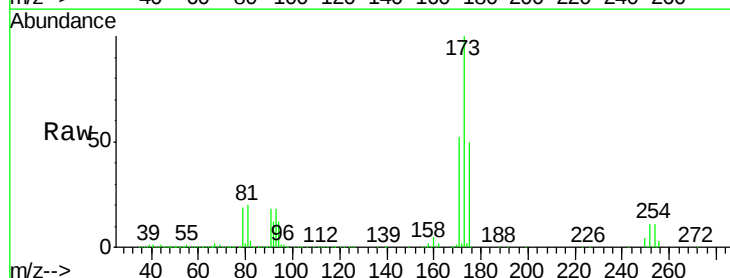
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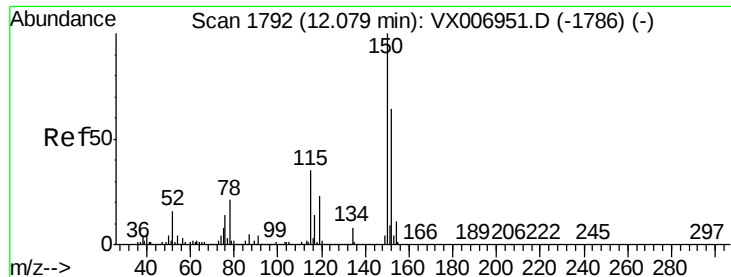
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#71
Bromoform
Concen: 45.809 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.7	74.1
254	0.1	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

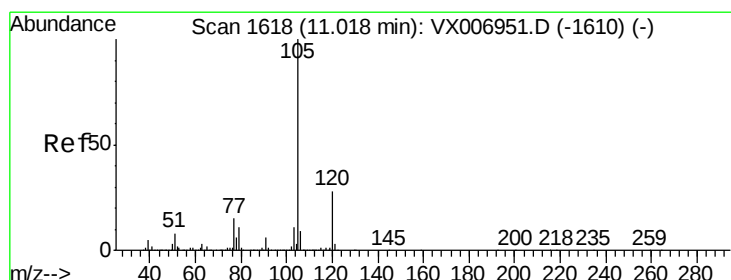
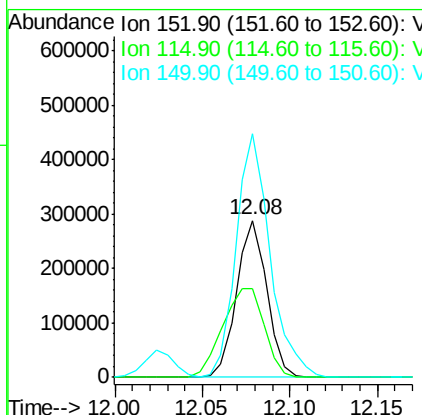
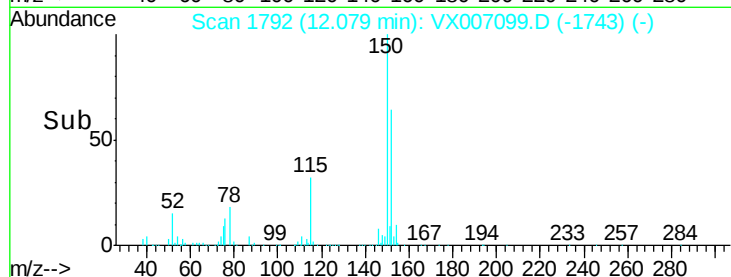
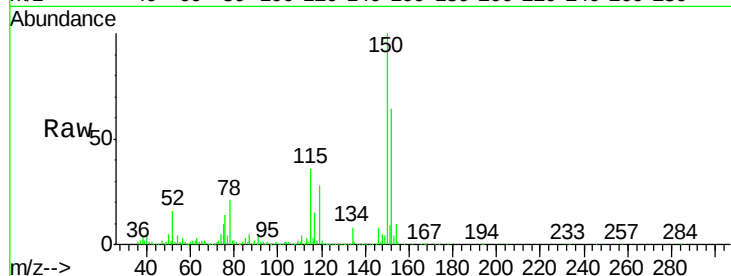
ClientSampleId :

SS038RW150-190115MS

Tot Ion:	152	Resp:	345775
Ion Ratio	Lower	Upper	
152	100		
115	78.4	39.1	117.2
150	174.5	0.0	344.8

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#73

Isopropylbenzene

Concen: 53.879 ug/l

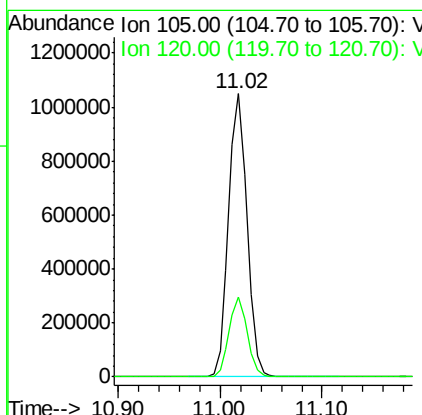
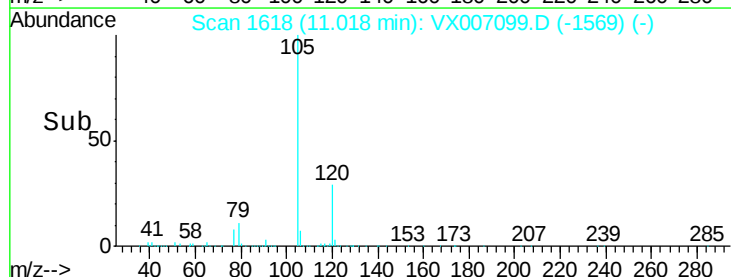
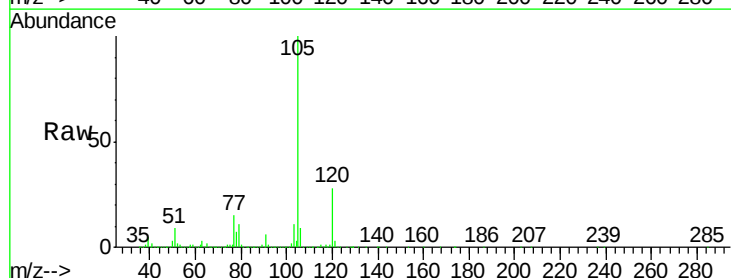
RT: 11.02 min Scan# 1618

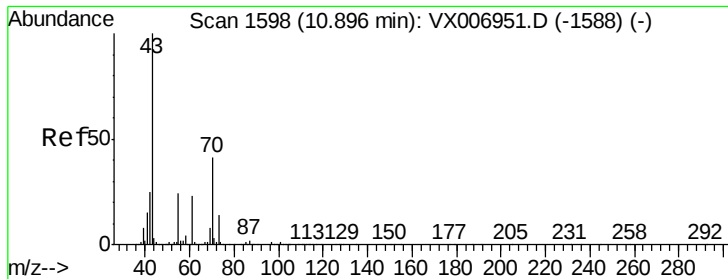
Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Tgt Ion:	105	Resp:	1313685
Ion Ratio	Lower	Upper	
105	100		
120	27.8	14.1	42.4





#74

N-amvl acetate

Concen: 50.612 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

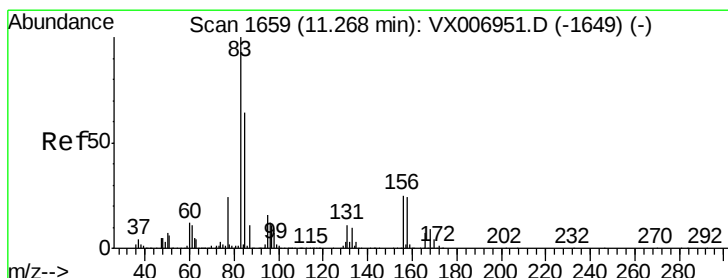
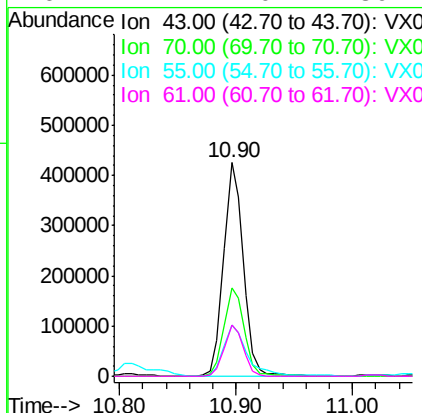
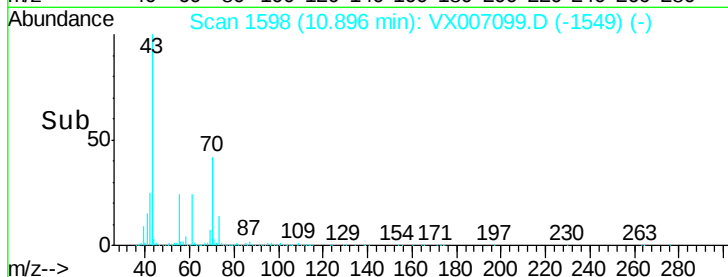
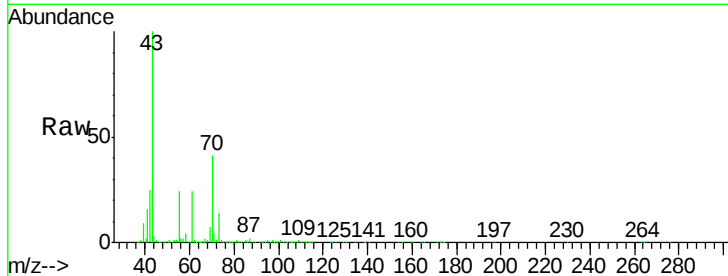
ClientSampleId :

SS038RW150-190115MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	42.9	35.8	53.8	
55	27.4	19.4	29.0	
61	24.1	20.1	30.1	

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#75

1,1,2,2-Tetrachloroethane

Concen: 51.747 ug/l

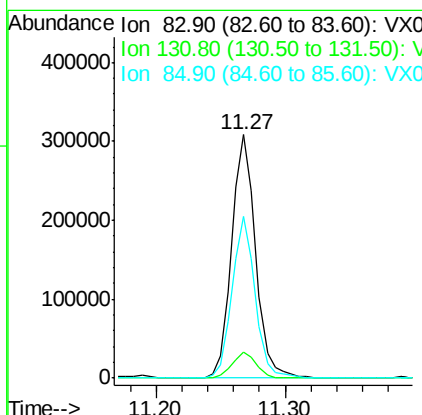
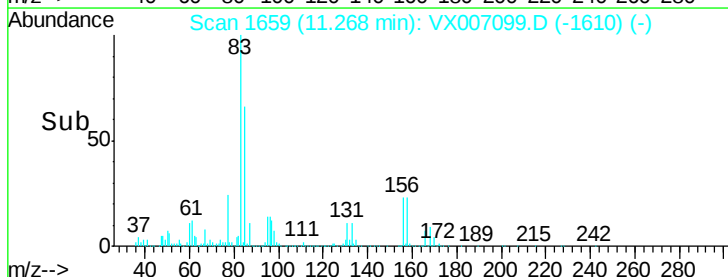
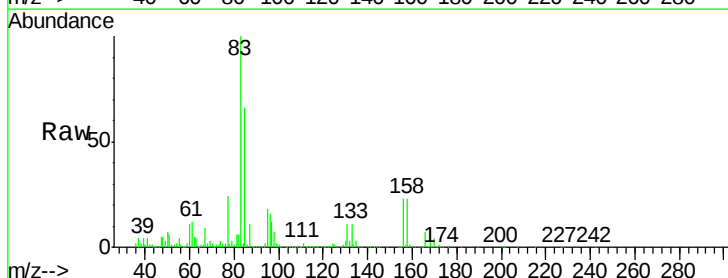
RT: 11.27 min Scan# 1659

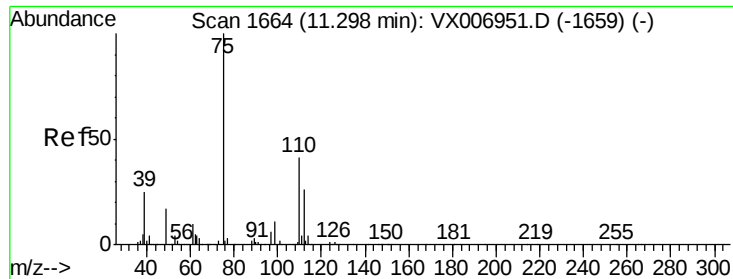
Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.8	5.7	17.1	
85	64.3	32.2	96.6	





#76

1,2,3-Trichloropropane

Concen: 51.471 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MS

Tot Ion: 75 Resp: 360656

Ion Ratio Lower Upper

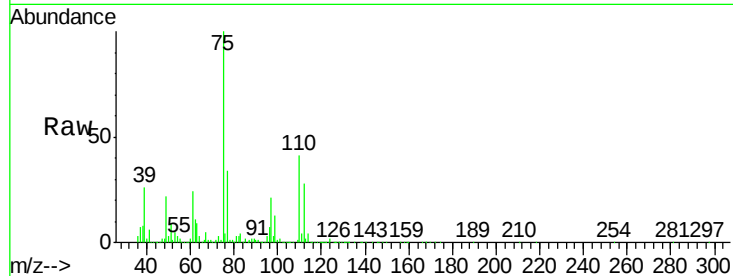
75 100

77 37.9 18.5 55.5

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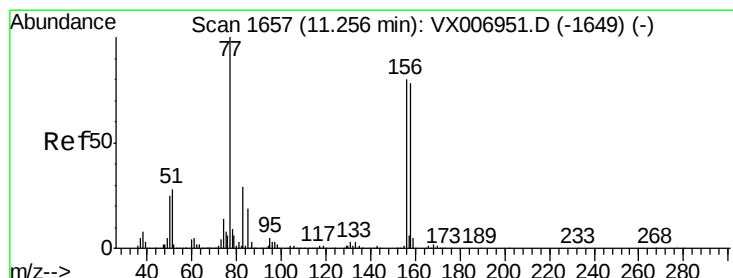
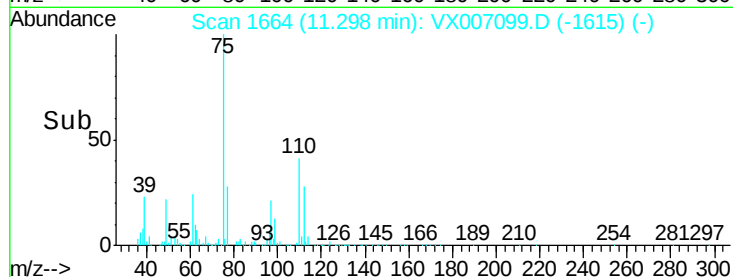
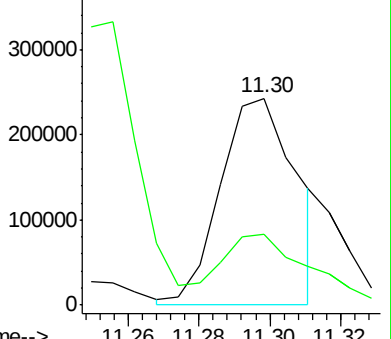
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Abundance Ion 74.90 (74.60 to 75.60): VX006951.D (-1659) (-)

Ion 77.00 (76.70 to 77.70): VX006951.D (-1659) (-)



#77

Bromobenzene

Concen: 49.669 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

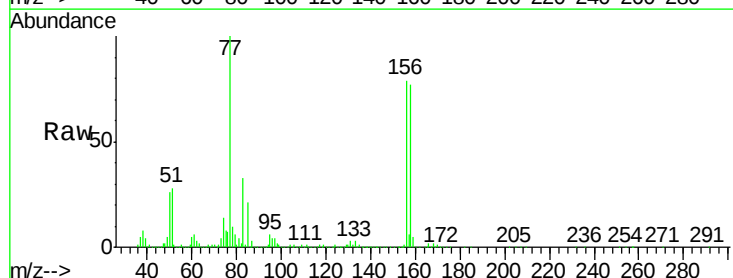
Tgt Ion: 156 Resp: 333686

Ion Ratio Lower Upper

156 100

77 133.6 68.0 204.0

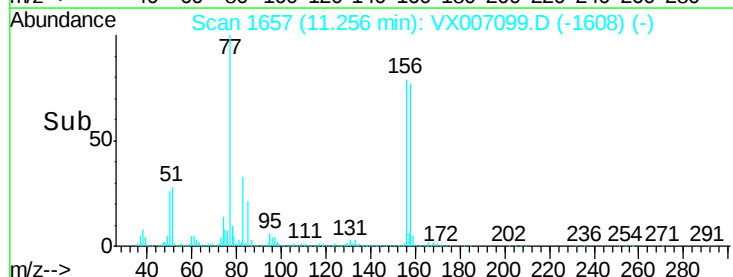
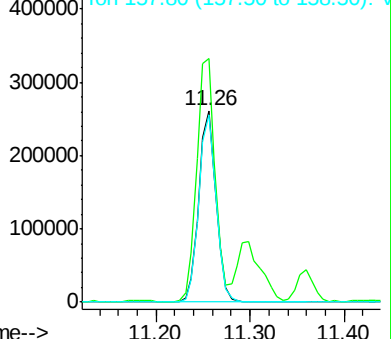
158 97.9 48.3 144.8

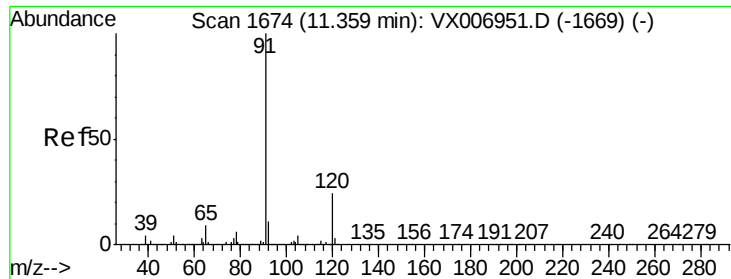


Abundance Ion 155.80 (155.50 to 156.50): VX006951.D (-1649) (-)

Ion 77.00 (76.70 to 77.70): VX006951.D (-1649) (-)

Ion 157.80 (157.50 to 158.50): VX006951.D (-1649) (-)





#78

n-propylbenzene

Concen: 51.698 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MS

Tot Ion: 91 Resp: 1383763

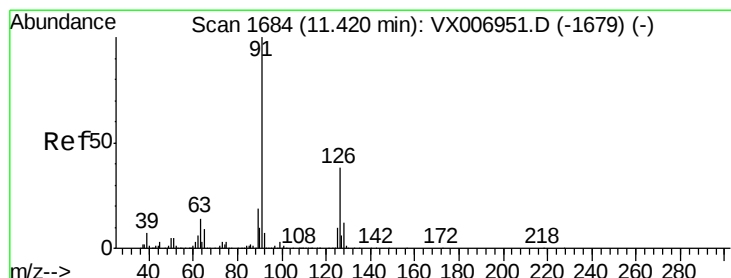
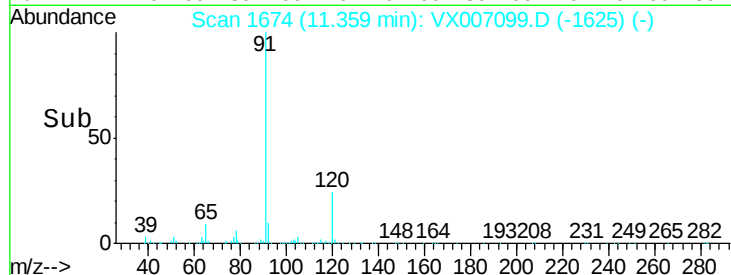
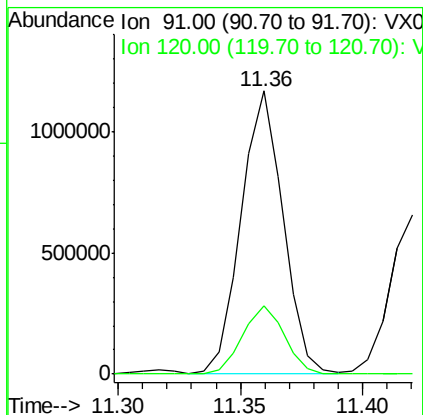
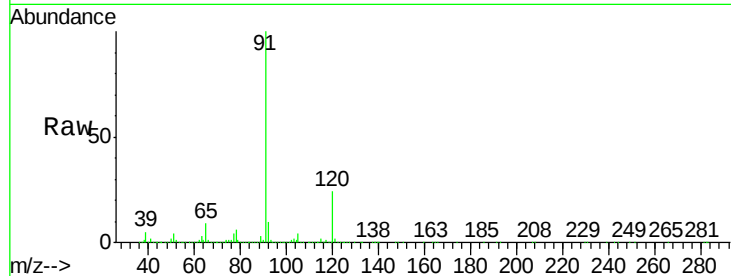
Ion Ratio Lower Upper

91 100

120 24.5 12.7 38.0

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#79

2-Chlorotoluene

Concen: 49.469 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007099.D

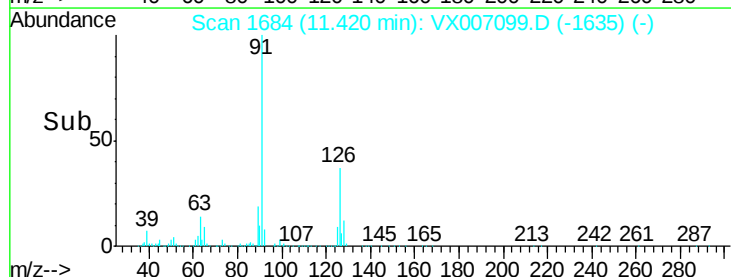
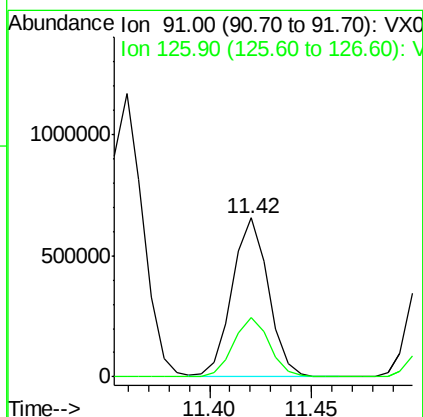
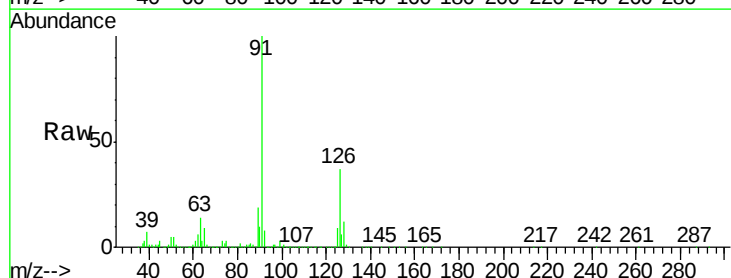
Acq: 17 Jan 2019 19:49

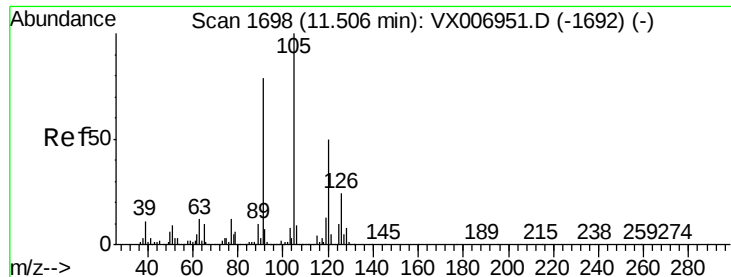
Tgt Ion: 91 Resp: 797056

Ion Ratio Lower Upper

91 100

126 37.4 18.6 56.0





#80

1,3,5-Trimethylbenzene

Concen: 49.621 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MS

Tot Ion:105 Resp: 1010936

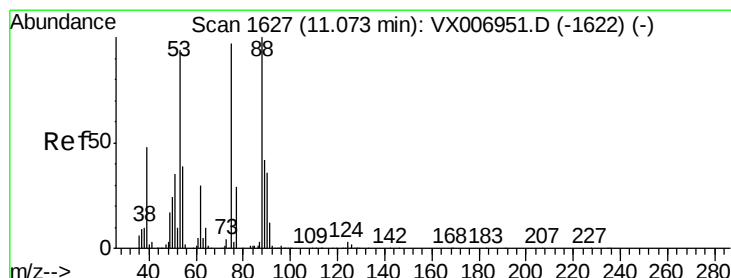
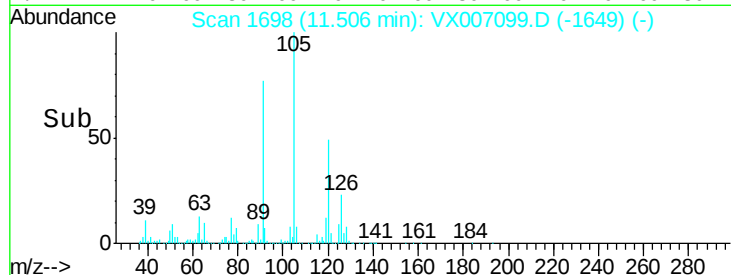
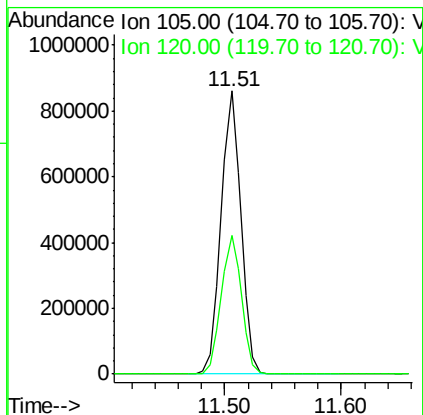
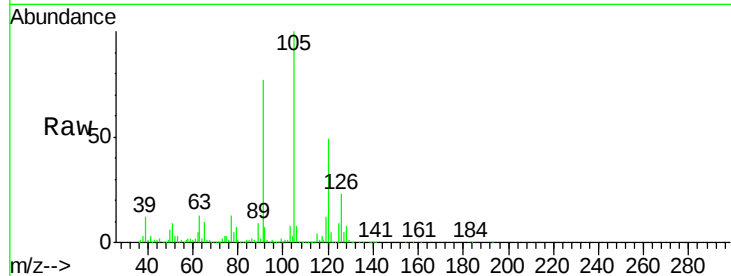
Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.3

Manual Integrations
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#81

trans-1,4-Dichloro-2-butene

Concen: 44.235 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

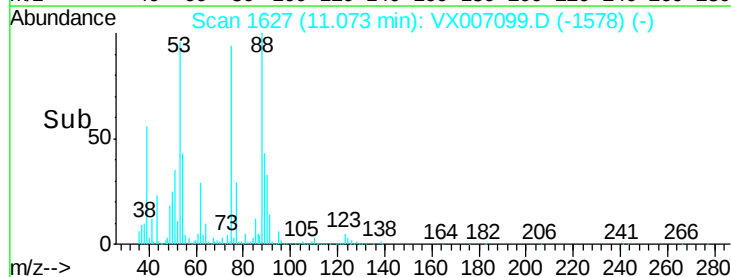
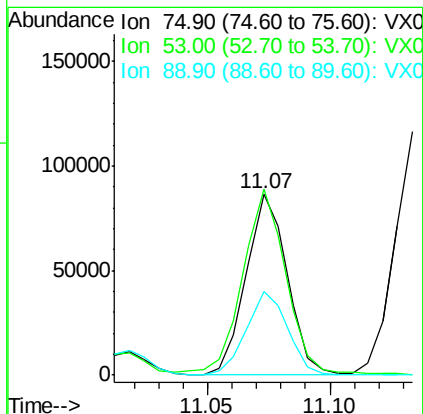
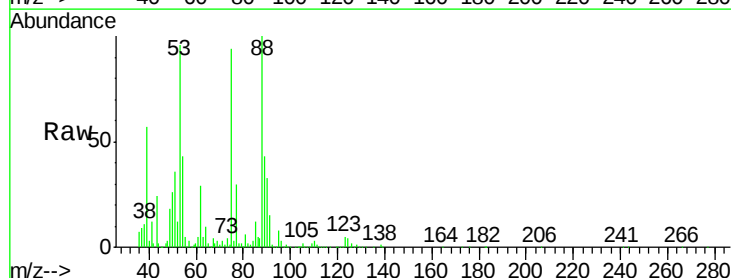
Tgt Ion: 75 Resp: 101610

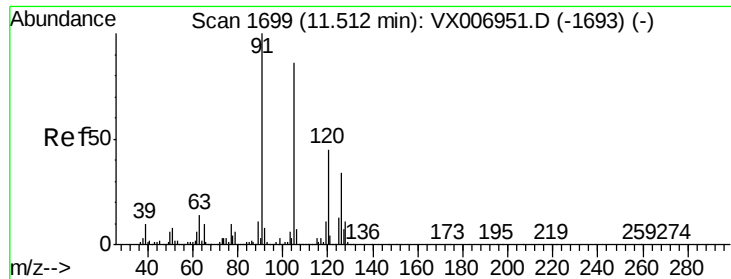
Ion Ratio Lower Upper

75 100

53 108.0 79.7 119.5

89 47.1 38.0 57.0





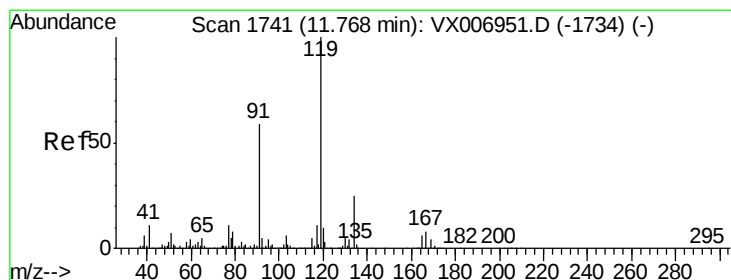
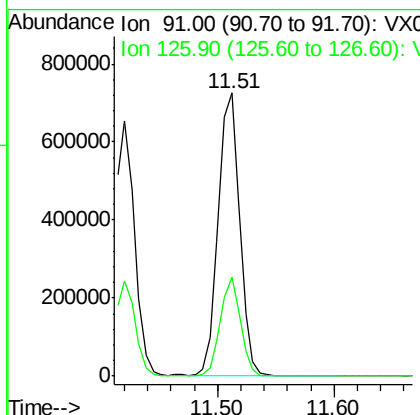
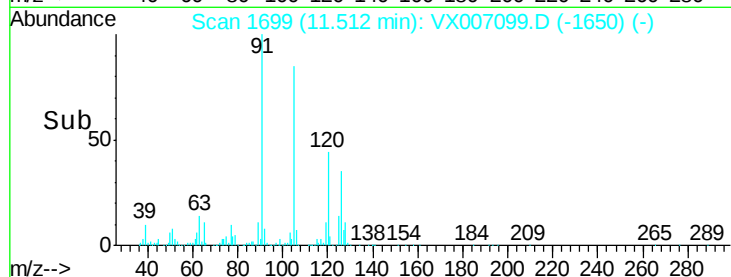
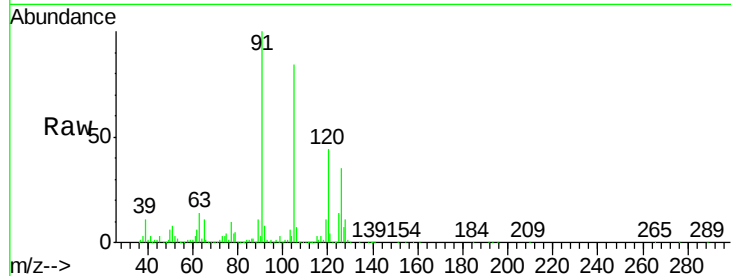
#82
4-Chlorotoluene
Concen: 49.374 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MS

Tot Ion: 91 Resp: 921092
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.9

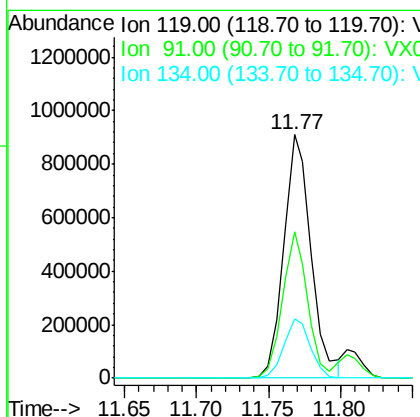
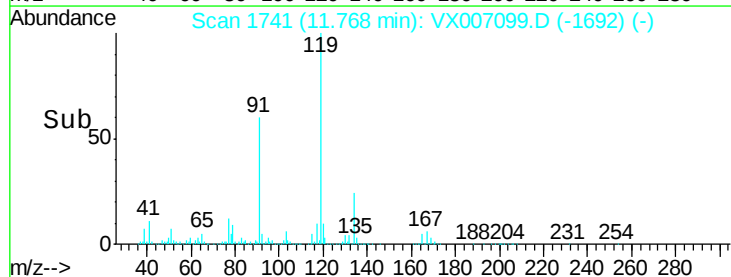
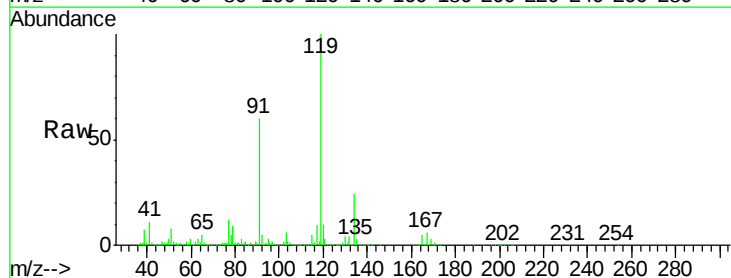
Manual Integrations
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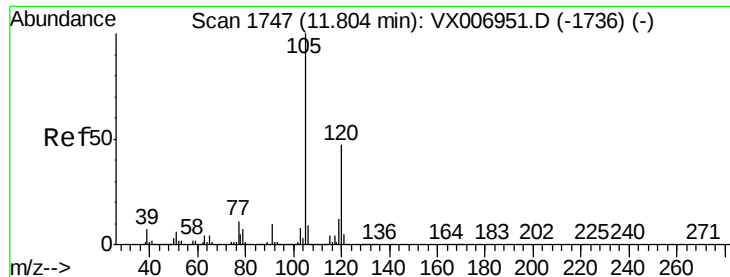
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#83
tert-Butylbenzene
Concen: 59.763 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Tgt Ion: 119 Resp: 1214789
Ion Ratio Lower Upper
119 100
91 55.1 27.7 83.1
134 23.4 11.9 35.5





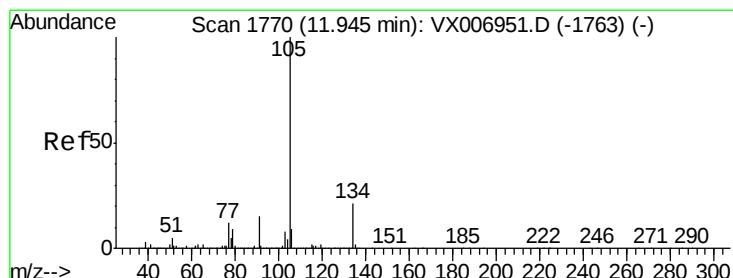
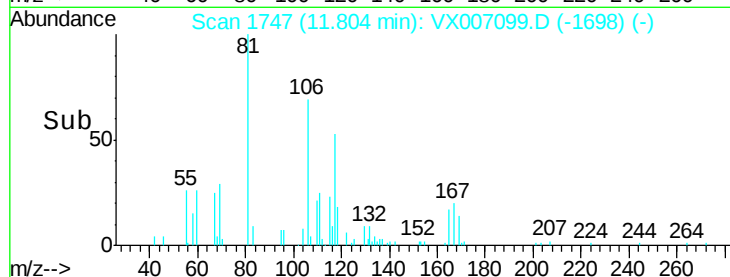
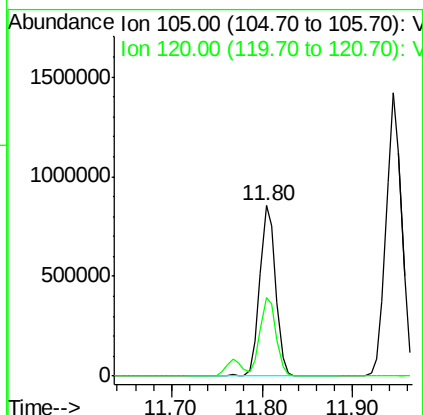
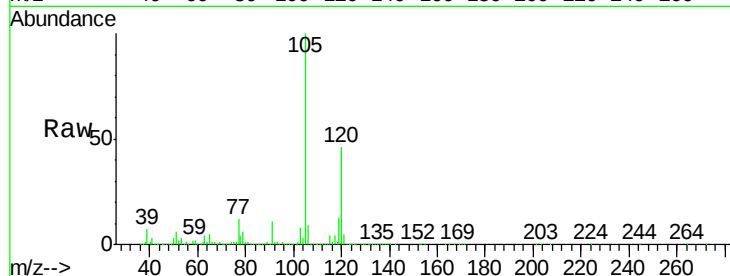
#84
 1,2,4-Trimethylbenzene
 Concen: 50.770 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007099.D
 Acq: 17 Jan 2019 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW150-190115MS

Tot Ion:105 Resp: 1040108
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.2 69.6

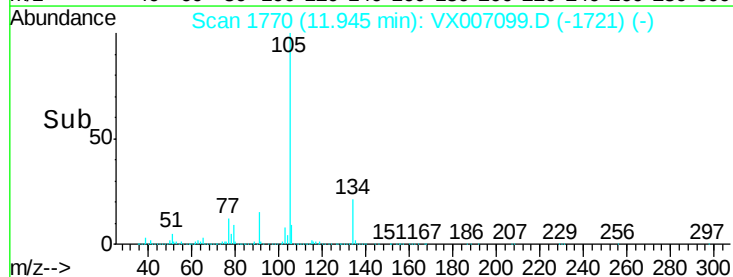
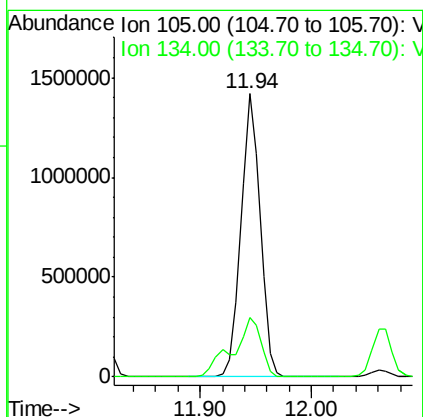
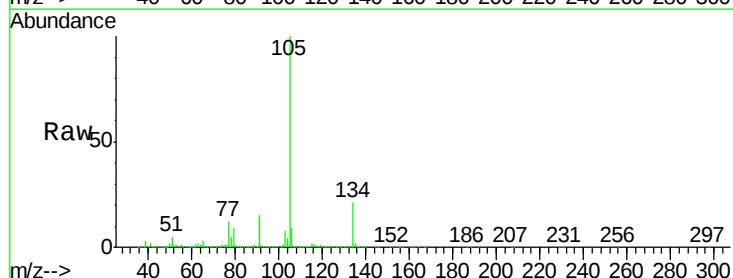
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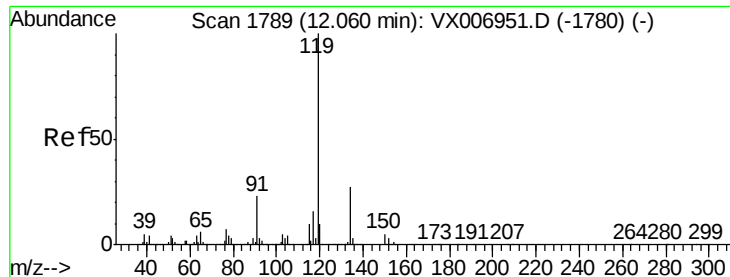
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#85
 sec-Butylbenzene
 Concen: 69.828 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX007099.D
 Acq: 17 Jan 2019 19:49

Tgt Ion:105 Resp: 1695106
 Ion Ratio Lower Upper
 105 100
 134 30.8 10.7 31.9





#86

p-Isopropyltoluene

Concen: 50.961 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MS

Tot Ion:119 Resp: 1106550

Ion Ratio Lower Upper

119 100

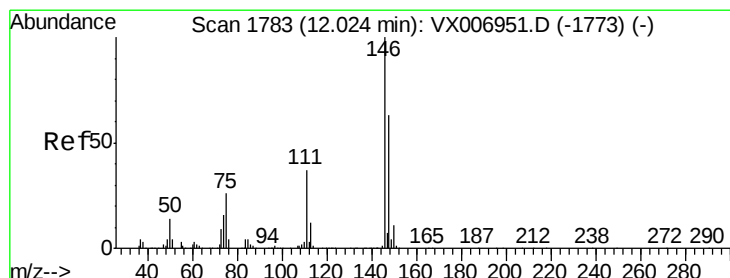
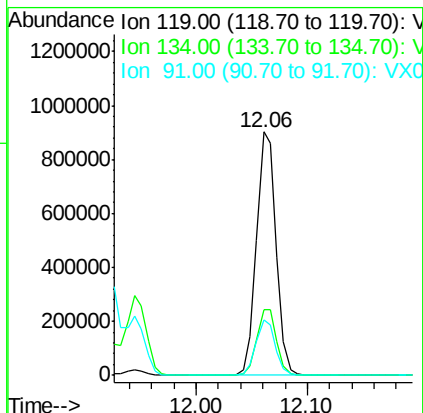
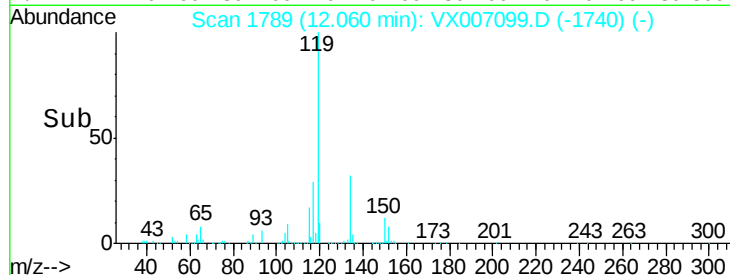
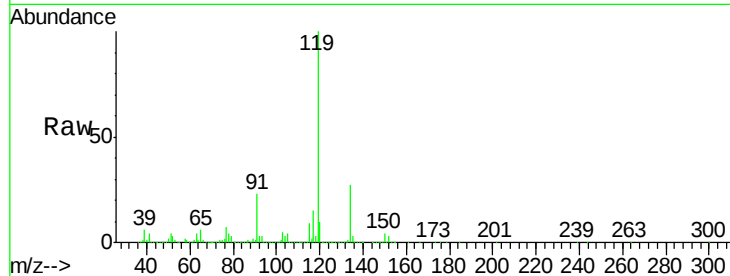
134 27.3 14.0 41.9

91 22.5 11.3 33.9

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#87

1,3-Dichlorobenzene

Concen: 48.715 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

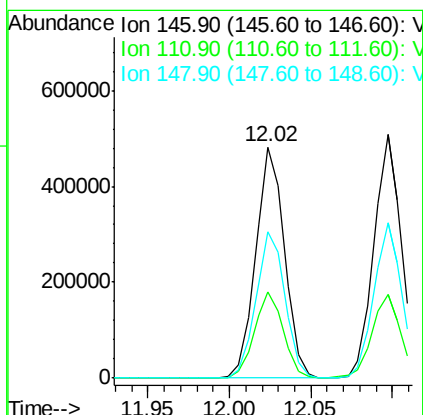
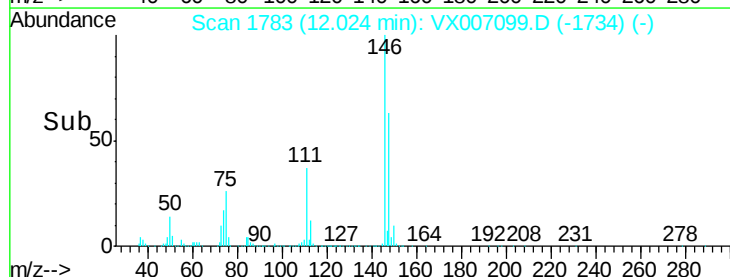
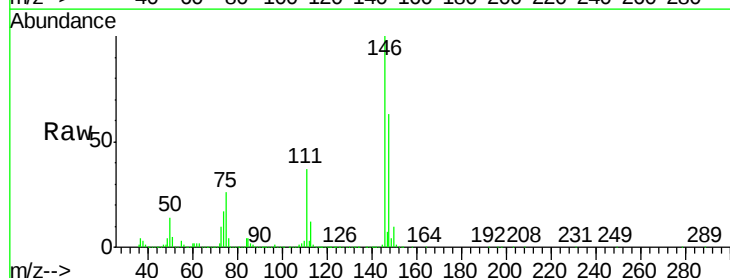
Tgt Ion:146 Resp: 591544

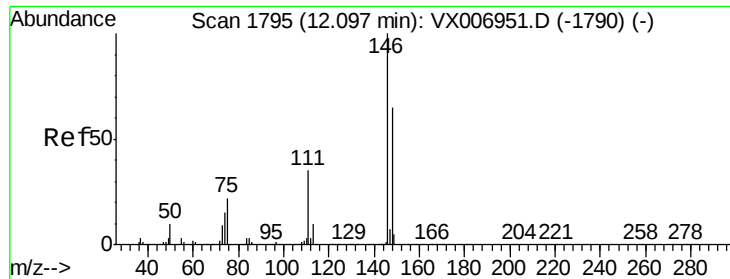
Ion Ratio Lower Upper

146 100

111 37.0 18.6 55.8

148 64.2 31.8 95.3





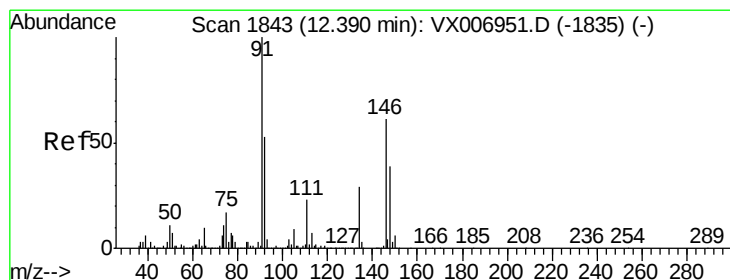
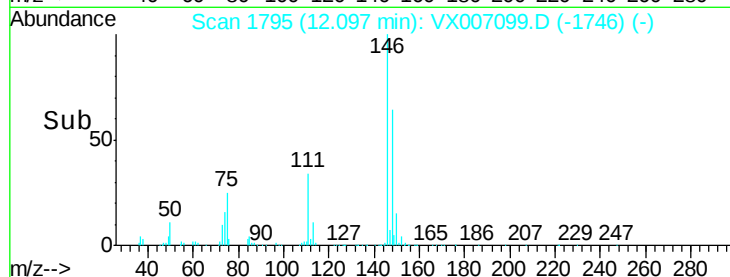
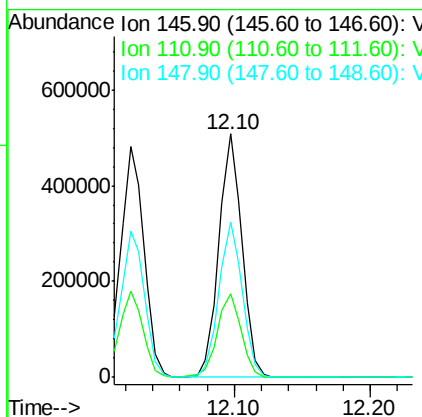
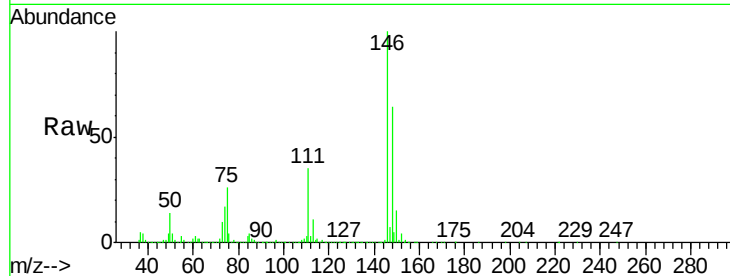
#88
 1,4-Dichlorobenzene
 Concen: 52.010 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007099.D
 Acq: 17 Jan 2019 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW150-190115MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.7	18.1	54.1
148	64.7	31.9	95.9

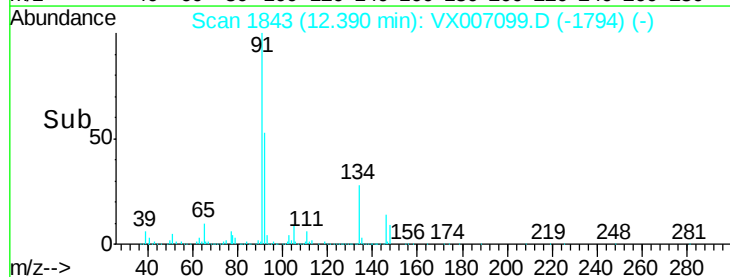
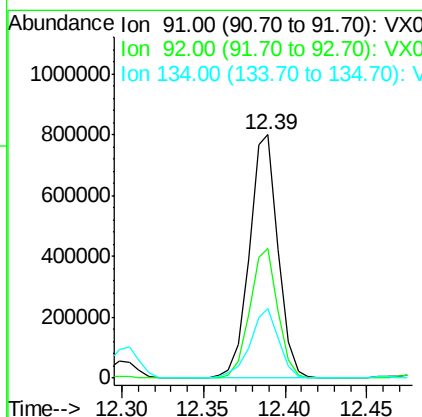
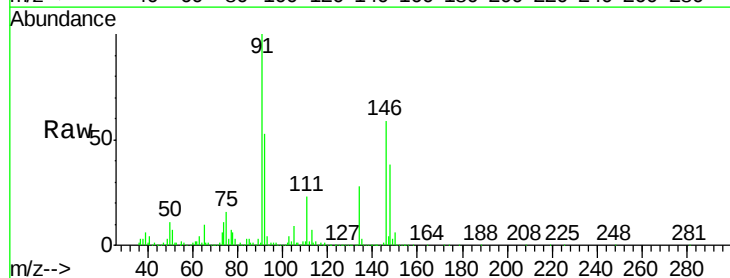
Manual Integrations
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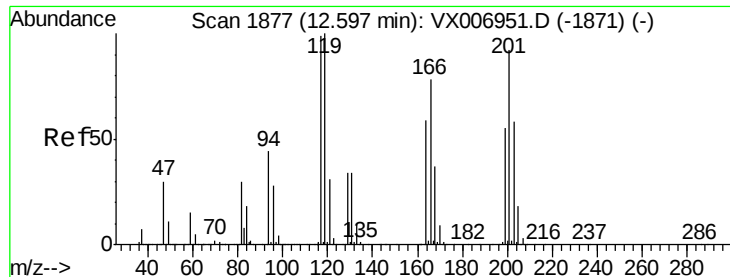
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 1/18/2019 10:24:25 AM



#89
 n-Butylbenzene
 Concen: 52.953 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007099.D
 Acq: 17 Jan 2019 19:49

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.8	80.4
134	28.9	14.4	43.2





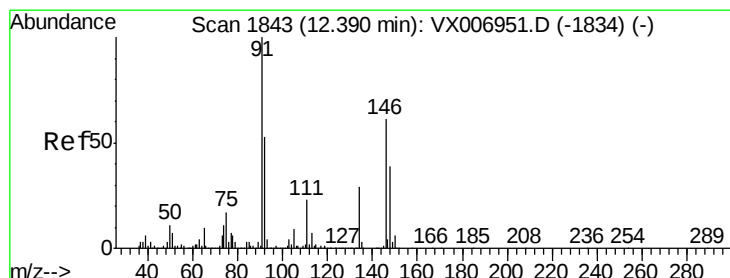
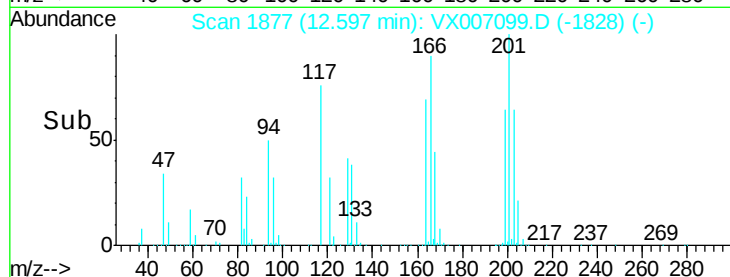
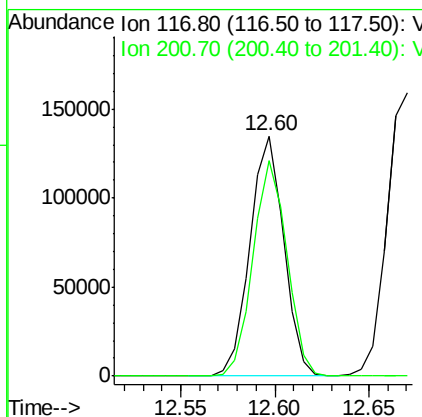
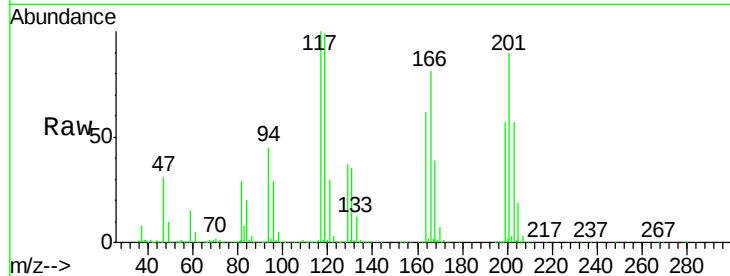
#90
Hexachloroethane
Concen: 48.542 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MS

Tot Ion:117 Resp: 167956
Ion Ratio Lower Upper
117 100
201 89.7 42.9 128.7

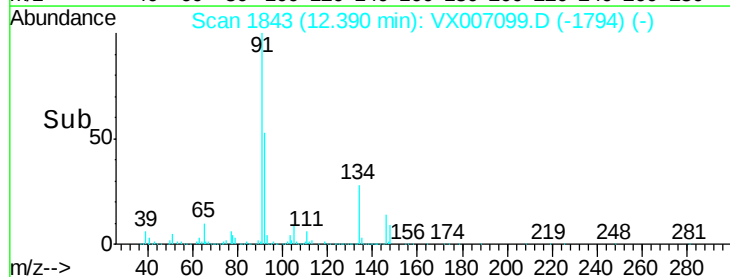
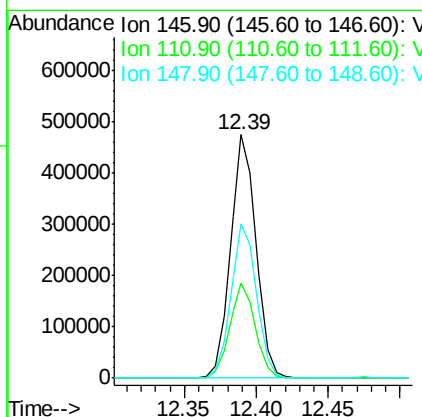
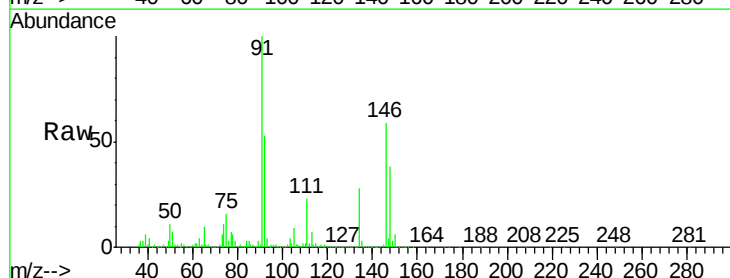
Manual Integrations
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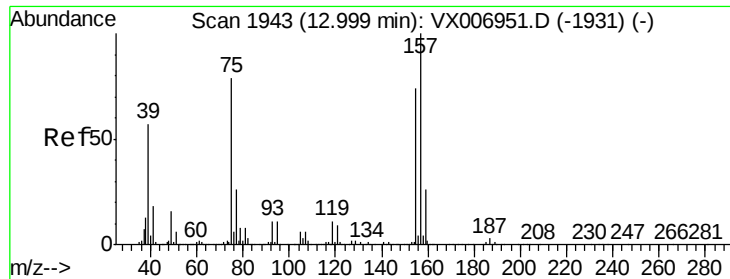
MMDadoda
1/18/2019 10:24:25 AM



#91
1,2-Dichlorobenzene
Concen: 49.137 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007099.D
Acq: 17 Jan 2019 19:49

Tgt Ion:146 Resp: 588821
Ion Ratio Lower Upper
146 100
111 38.5 19.4 58.2
148 63.4 32.3 96.9





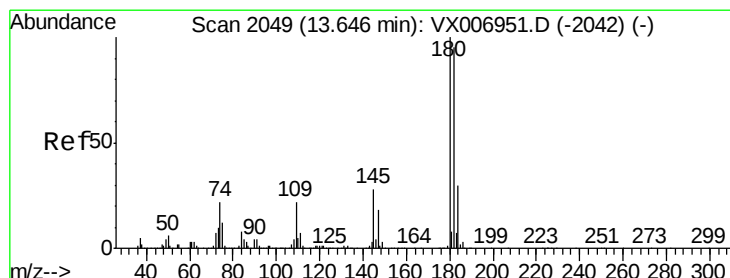
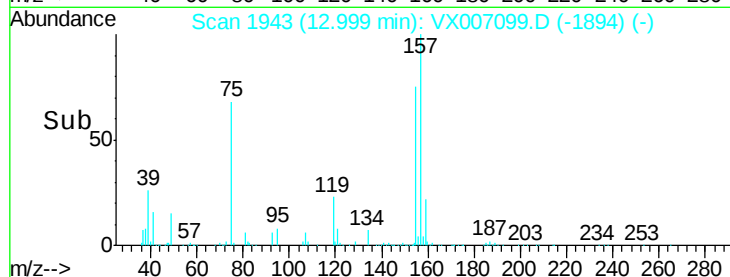
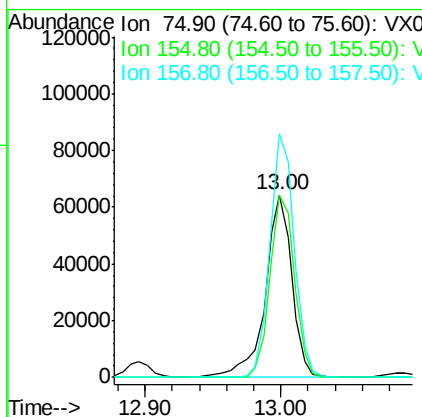
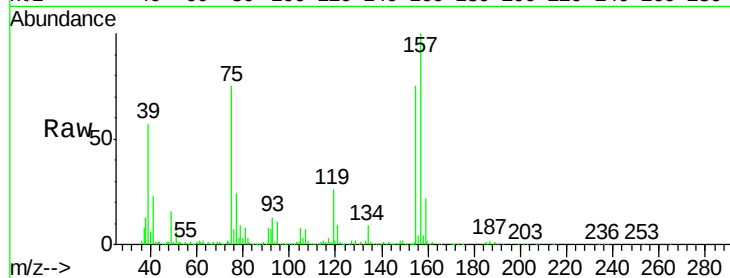
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.495 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007099.D
 Acq: 17 Jan 2019 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW150-190115MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	92.6	50.6	151.8
157	122.5	64.6	193.8

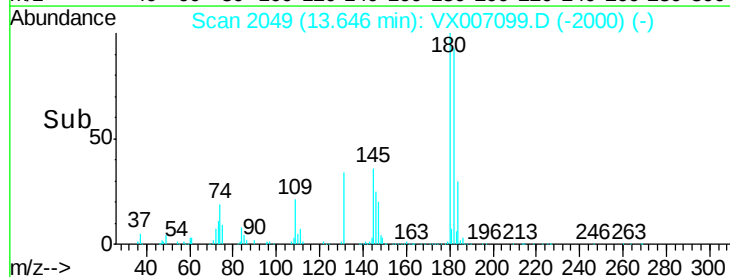
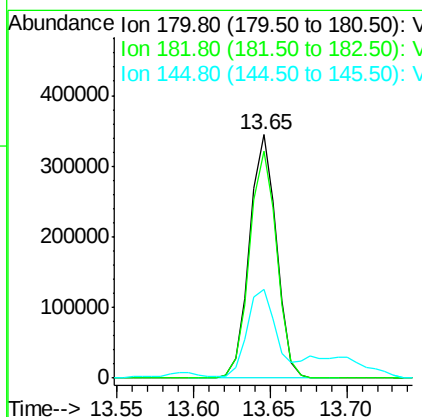
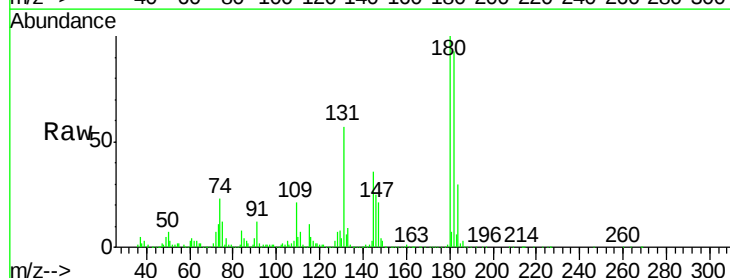
Manual Integrations
 APPROVED

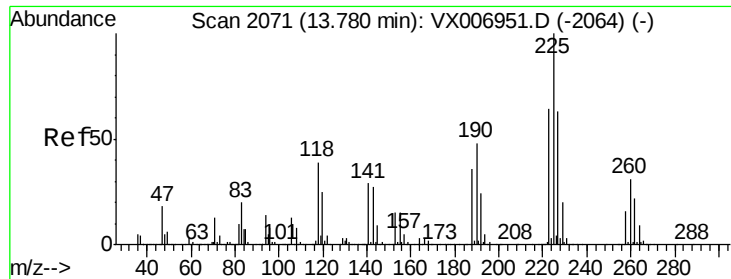
MMDadoda
 1/18/2019 10:24:25 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 51.002 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007099.D
 Acq: 17 Jan 2019 19:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	142.0
145	39.3	14.8	44.3





#94

Hexachlorobutadiene

Concen: 53.517 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Instrument :

MSVOA_X

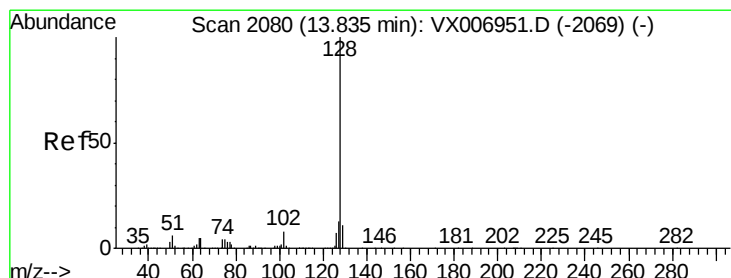
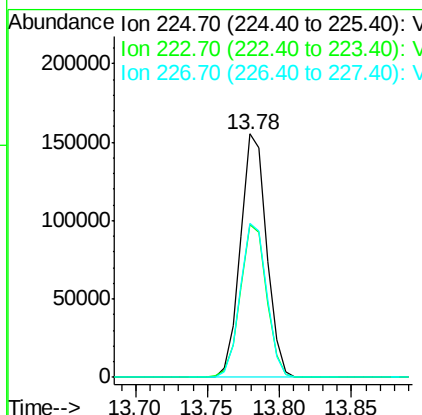
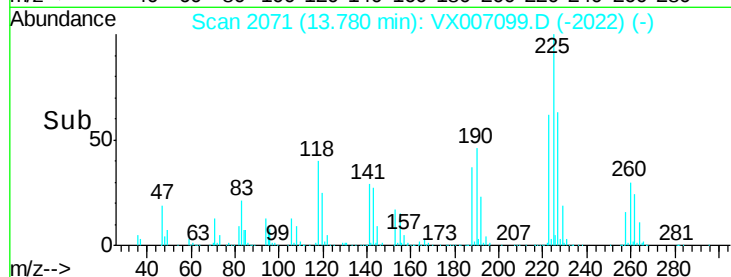
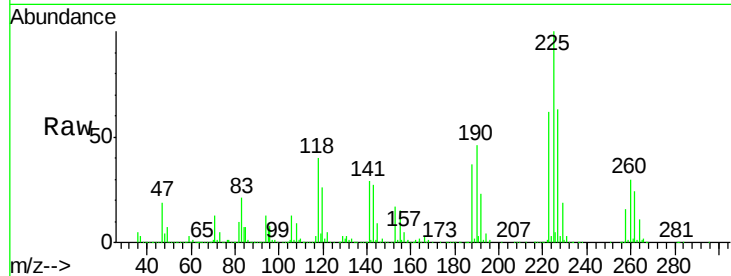
ClientSampleId :

SS038RW150-190115MS

Tot Ion:	225	Resp:	195251
Ion Ratio		Lower	Upper
225	100		
223	62.9	32.1	96.3
227	63.8	32.3	96.8

Manual Integrations
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1/18/2019 10:24:25 AM



#95

Naphthalene

Concen: 53.090 ug/l

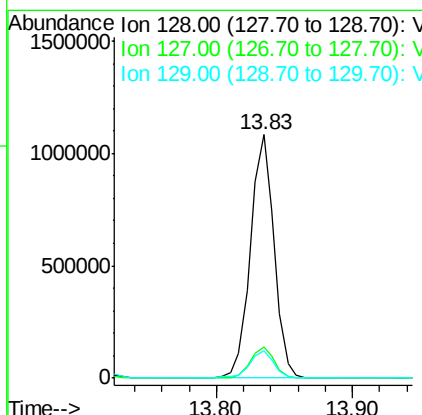
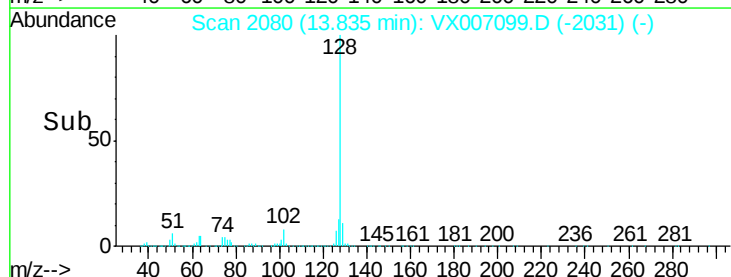
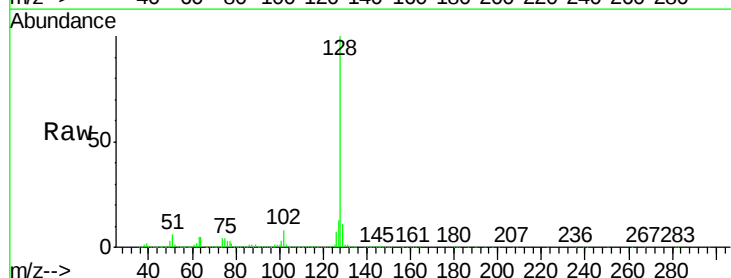
RT: 13.83 min Scan# 2080

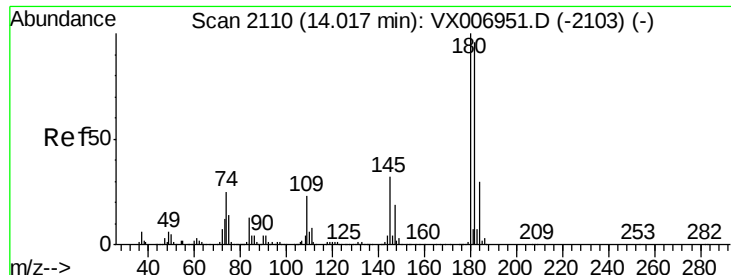
Delta R.T. -0.00 min

Lab File: VX007099.D

Acq: 17 Jan 2019 19:49

Tgt Ion:	128	Resp:	1322607
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.1	15.1
129	11.8	8.6	13.0





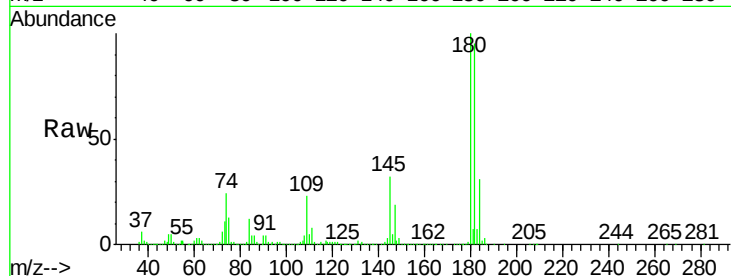
#96
 1,2,3-Trichlorobenzene
 Concen: 51.647 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX007099.D
 Acq: 17 Jan 2019 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW150-190115MS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	95.4	48.5	145.5
145	35.7	16.0	47.9

Manual Integrations
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 1/18/2019 10:24:25 AM



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

